

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\  
 Data File : BG026339.D  
 Acq On : 20 Mar 2017 23:02  
 Operator : SJ/MA  
 Sample : PB97592BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97592BS

Manual Integrations  
 APPROVED

mohammad  
 3/21/2017 5:22:21 PM

Quant Time: Mar 21 05:20:29 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 20 17:43:27 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 114409   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.85 | 136  | 490755   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.66 | 164  | 289878   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.39 | 188  | 708648   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.64 | 240  | 782056   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.81 | 264  | 772262   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.62  | 112 | 982444  | 152.41 | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 1290738 | 149.15 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.20  | 82  | 694739  | 85.12  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.14 | 330 | 514212  | 154.90 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.28 | 172 | 1818507 | 87.98  | ng | 0.00 |
| 78) Terphenyl-d14        | 19.98 | 244 | 2613020 | 81.14  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.50  | 88  | 99721   | 34.47 | ng | # 73   |
| 3) Pyridine                    | 3.90  | 79  | 289454  | 36.53 | ng | # 63   |
| 4) n-Nitrosodimethylamine      | 3.81  | 42  | 91082   | 42.06 | ng | # 1    |
| 6) Aniline                     | 7.37  | 93  | 269334  | 23.30 | ng | # 87   |
| 8) 2-Chlorophenol              | 7.61  | 128 | 356164  | 49.07 | ng | # 84   |
| 9) Benzaldehyde                | 7.18  | 77  | 152430  | 26.09 | ng | # 68   |
| 10) Phenol                     | 7.23  | 94  | 451995  | 48.94 | ng | # 70   |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93  | 328307  | 43.35 | ng | # 83   |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146 | 377684  | 43.71 | ng | # 86   |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 383487  | 43.88 | ng | # 93   |
| 14) 1,2-Dichlorobenzene        | 8.40  | 146 | 370697  | 44.31 | ng | # 91   |
| 15) Benzyl Alcohol             | 8.28  | 79  | 279253  | 49.22 | ng | # 77   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 331339  | 39.40 | ng | # 80   |
| 17) 2-Methylphenol             | 8.49  | 107 | 309450  | 47.18 | ng | # 80   |
| 18) Hexachloroethane           | 9.13  | 117 | 123904  | 43.35 | ng | # 90   |
| 19) n-Nitroso-di-n-propylamine | 8.84  | 70  | 241688  | 43.44 | ng | # 71   |
| 20) 3+4-Methylphenols          | 8.81  | 107 | 432446  | 47.89 | ng | # 84   |
| 22) Acetophenone               | 8.86  | 105 | 503159  | 44.58 | ng | # 75   |
| 24) Nitrobenzene               | 9.24  | 77  | 352015  | 43.68 | ng | # 76   |
| 25) Isophorone                 | 9.77  | 82  | 683984  | 44.46 | ng | # 89   |
| 26) 2-Nitrophenol              | 9.96  | 139 | 203164  | 48.45 | ng | # 62   |
| 27) 2,4-Dimethylphenol         | 10.01 | 122 | 348009  | 50.56 | ng | # 86   |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93  | 443107  | 44.34 | ng | # 99   |
| 29) 2,4-Dichlorophenol         | 10.50 | 162 | 358558  | 51.51 | ng | # 93   |
| 30) 1,2,4-Trichlorobenzene     | 10.71 | 180 | 358988  | 45.91 | ng | # 99   |
| 31) Naphthalene                | 10.90 | 128 | 1082157 | 43.61 | ng | # 100  |
| 32) Benzoic acid               | 10.15 | 122 | 251886  | 47.56 | ng | # 74   |
| 33) 4-Chloroaniline            | 11.01 | 127 | 105117  | 10.42 | ng | # 83   |
| 34) Hexachlorobutadiene        | 11.18 | 225 | 201297  | 43.63 | ng | # 99   |
| 35) Caprolactam                | 11.76 | 113 | 134935m | 49.20 | ng | #      |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 373526  | 50.16 | ng | # 78   |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 834685  | 45.92 | ng | # 92   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 379128  | 43.47 | ng | # 99   |
| 40) Hexachlorocyclopentadiene  | 12.84 | 237 | 457084  | 99.56 | ng | # 96   |

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Instrument :  
 BNA\_G  
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 PB97592BS

Manual Integrations  
 APPROVED

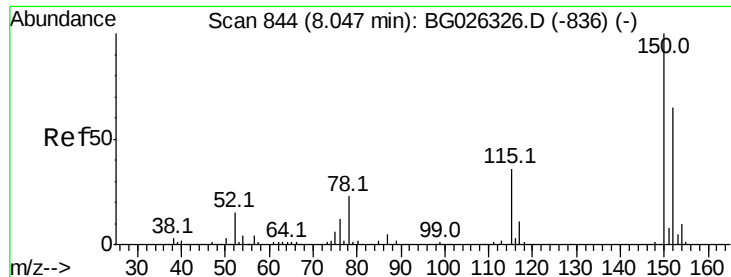
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 3/21/2017 5:22:21 PM

Quant Time: Mar 21 05:20:29 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 20 17:43:27 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.10 | 196  | 290900   | 50.94  | nq    | 93       |
| 43) 2,4,5-Trichlorophenol      | 13.17 | 196  | 299947   | 47.52  | nq    | # 92     |
| 45) 1,1'-Biphenyl              | 13.49 | 154  | 1071397  | 44.63  | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.54 | 162  | 791702   | 45.15  | nq    | 97       |
| 47) 2-Nitroaniline             | 13.73 | 65   | 229031   | 45.93  | nq    | # 59     |
| 48) Acenaphthylene             | 14.38 | 152  | 1336757  | 43.73  | nq    | 99       |
| 49) Dimethylphthalate          | 14.10 | 163  | 1051973  | 48.08  | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.23 | 165  | 248792   | 48.72  | nq    | # 59     |
| 51) Acenaphthene               | 14.72 | 154  | 837044   | 44.47  | nq    | 99       |
| 52) 3-Nitroaniline             | 14.56 | 138  | 100825   | 17.93  | nq    | # 66     |
| 53) 2,4-Dinitrophenol          | 14.76 | 184  | 298163   | 100.65 | nq    | # 77     |
| 54) Dibenzofuran               | 15.05 | 168  | 1291206  | 48.72  | nq    | 90       |
| 55) 4-Nitrophenol              | 14.86 | 139  | 465254   | 101.05 | nq    | # 40     |
| 56) 2,4-Dinitrotoluene         | 15.01 | 165  | 359666   | 50.08  | nq    | # 69     |
| 57) Fluorene                   | 15.70 | 166  | 1069375  | 45.34  | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 292231   | 53.08  | nq    | # 98     |
| 59) Diethylphthalate           | 15.46 | 149  | 1068740  | 47.79  | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.68 | 204  | 512350   | 45.84  | nq    | 90       |
| 61) 4-Nitroaniline             | 15.71 | 138  | 268411   | 45.13  | nq    | # 52     |
| 62) Azobenzene                 | 15.98 | 77   | 909039   | 49.99  | nq    | 79       |
| 64) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 216890   | 48.55  | nq    | 84       |
| 65) n-Nitrosodiphenylamine     | 15.90 | 169  | 957664   | 46.05  | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.58 | 248  | 337688   | 46.30  | nq    | 93       |
| 67) Hexachlorobenzene          | 16.70 | 284  | 355508   | 45.69  | nq    | 92       |
| 68) Atrazine                   | 16.84 | 200  | 356757   | 45.31  | nq    | 97       |
| 69) Pentachlorophenol          | 17.04 | 266  | 467565   | 92.43  | nq    | 96       |
| 70) Phenanthrene               | 17.43 | 178  | 1705329  | 44.81  | nq    | 98       |
| 71) Anthracene                 | 17.52 | 178  | 1767377  | 45.52  | nq    | 100      |
| 72) Carbazole                  | 17.79 | 167  | 1693834  | 42.37  | nq    | # 96     |
| 73) Di-n-butylphthalate        | 18.33 | 149  | 1928781  | 46.96  | nq    | # 94     |
| 74) Fluoranthene               | 19.43 | 202  | 2041696  | 45.63  | nq    | 96       |
| 76) Benzidine                  | 19.60 | 184  | 466599   | 17.30  | nq    | 98       |
| 77) Pyrene                     | 19.79 | 202  | 2077072  | 45.87  | nq    | 100      |
| 79) Butylbenzylphthalate       | 20.67 | 149  | 871026   | 48.07  | nq    | # 84     |
| 80) Benzo(a)anthracene         | 21.61 | 228  | 1986629  | 45.14  | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.52 | 252  | 357910   | 19.87  | nq    | # 99     |
| 82) Chrysene                   | 21.68 | 228  | 1837768  | 43.71  | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.51 | 149  | 1266414  | 46.28  | nq    | 97       |
| 84) Di-n-octyl phthalate       | 22.70 | 149  | 2207032  | 47.26  | nq    | # 81     |
| 85) Indeno(1,2,3-cd)pyrene     | 28.45 | 276  | 2445874  | 47.11  | nq    | # 87     |
| 87) Benzo(b)fluoranthene       | 23.81 | 252  | 2124579  | 46.67  | nq    | # 97     |
| 88) Benzo(k)fluoranthene       | 23.87 | 252  | 1989105  | 45.06  | nq    | # 94     |
| 89) Benzo(a)pyrene             | 24.67 | 252  | 2012379  | 46.09  | nq    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 28.50 | 278  | 2022064  | 45.82  | nq    | # 92     |
| 91) Benzo(g,h,i)perylene       | 29.59 | 276  | 2033012  | 45.72  | nq    | # 87     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA\_G

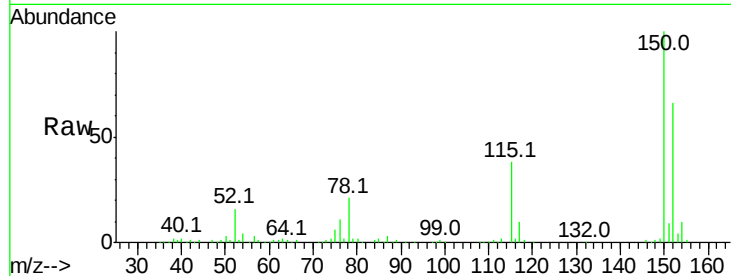
ClientSampleId :

PB97592BS

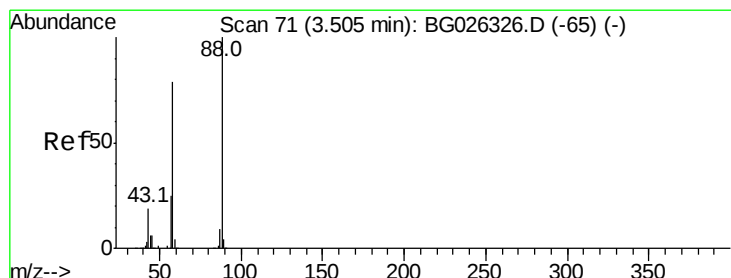
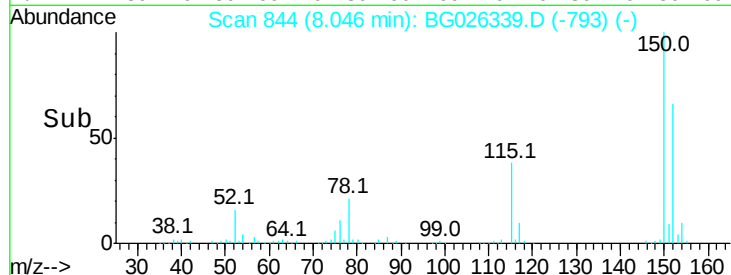
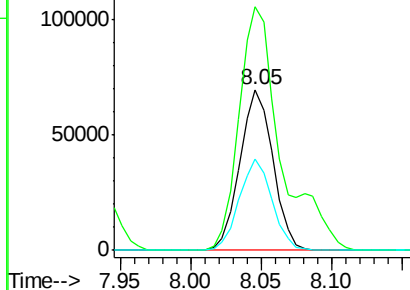
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 114409 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 151.5 | 114.0 | 171.0  |
| 115       | 56.9  | 48.1  | 72.1   |

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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: 34.47 ng

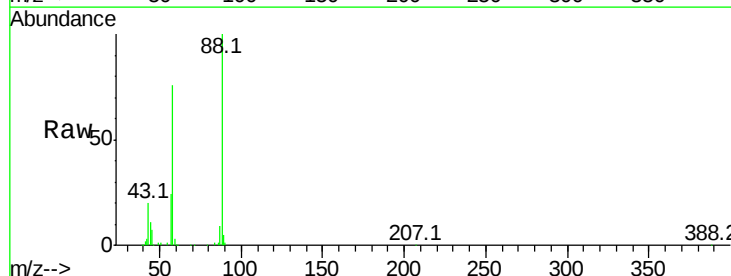
RT: 3.50 min Scan# 70

Delta R.T. -0.01 min

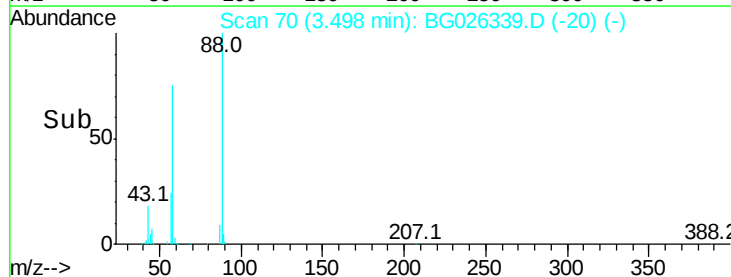
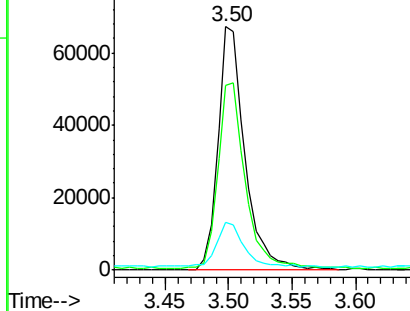
Lab File: BG026339.D

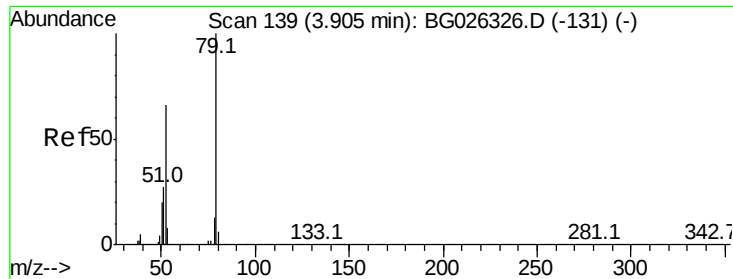
Acq: 20 Mar 2017 23:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 88    | Resp: | 99721  |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 58        | 76.5  | 79.4  | 119.2# |
| 43        | 18.7  | 33.8  | 50.6#  |



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: 36.53 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA\_G

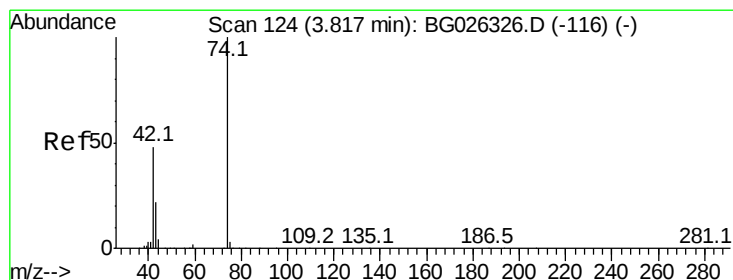
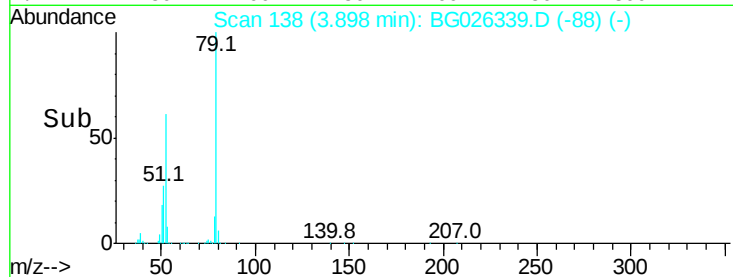
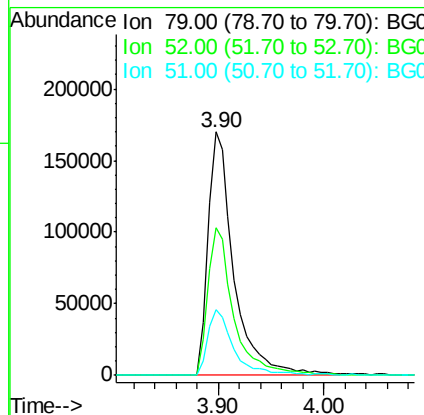
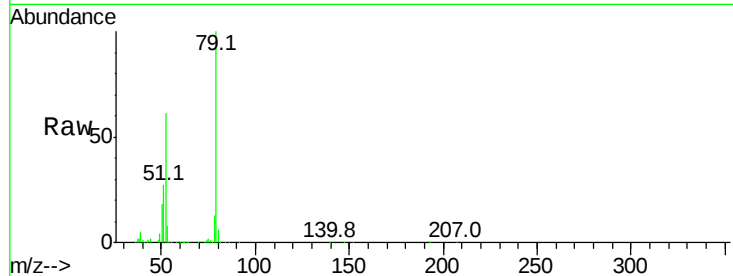
ClientSampleId :

PB97592BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 289454 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 60.8  | 77.8  | 116.6# |
| 51        | 26.8  | 43.2  | 64.8#  |

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#4

n-Nitrosodimethylamine

Concen: 42.06 ng

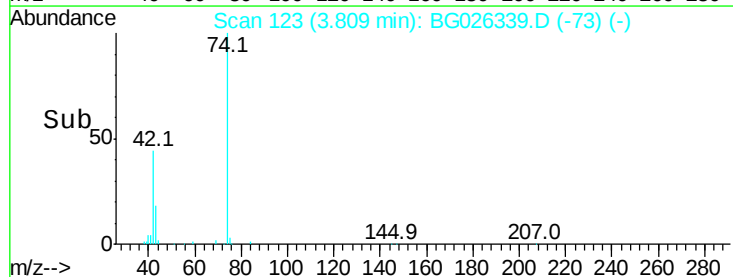
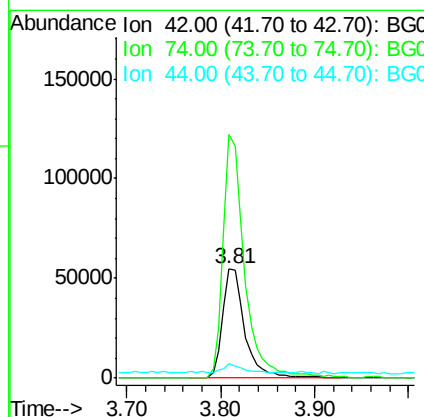
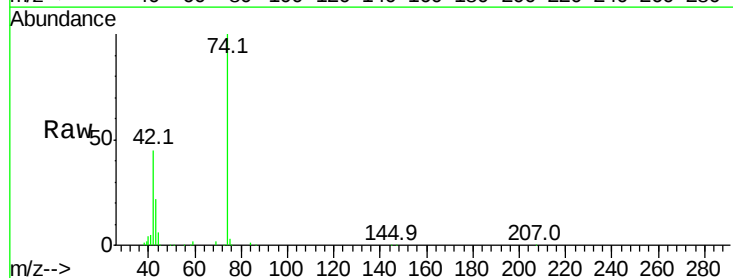
RT: 3.81 min Scan# 123

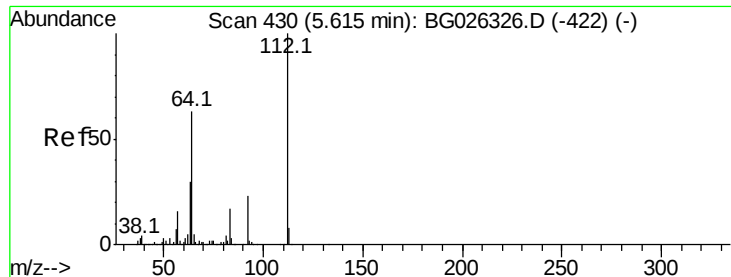
Delta R.T. -0.01 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 91082  |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 222.5 | 76.7  | 115.1# |
| 44        | 13.4  | 6.1   | 9.1#   |





#5

2-Fluorophenol

Concen: 152.41 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA\_G

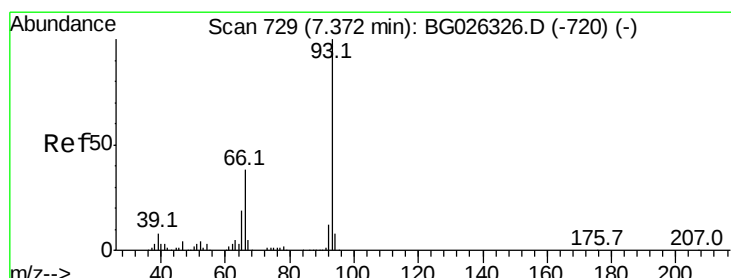
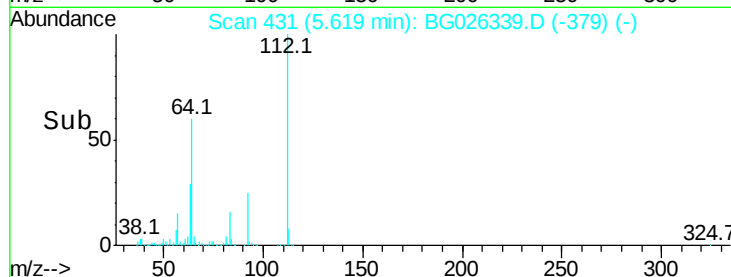
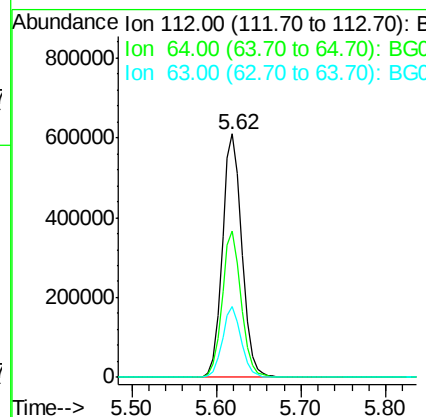
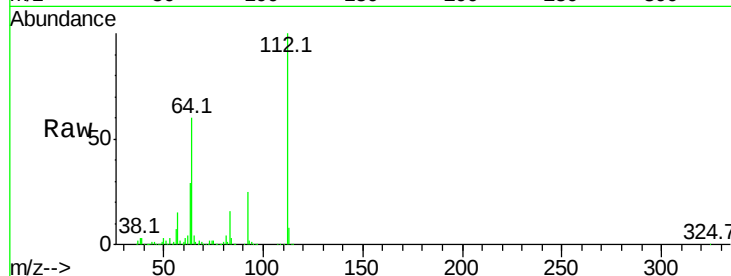
ClientSampleId :

PB97592BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 982444 |       |       |
| 64      | 60.0  |        | 61.8  | 92.6# |
| 63      | 28.8  |        | 37.2  | 55.8# |

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#6

Aniline

Concen: 23.30 ng

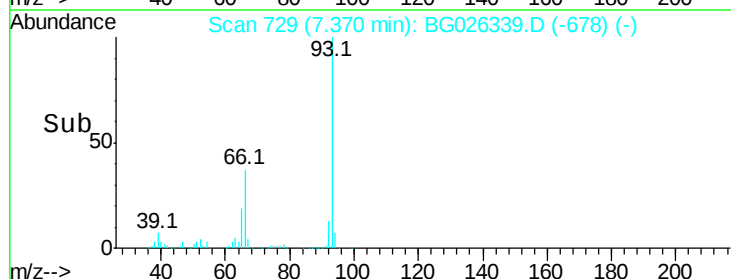
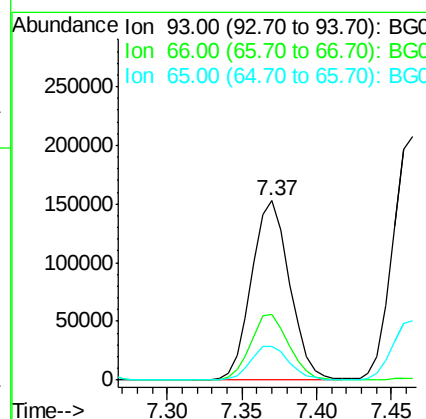
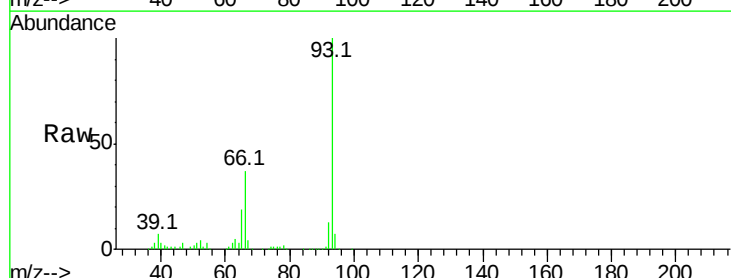
RT: 7.37 min Scan# 729

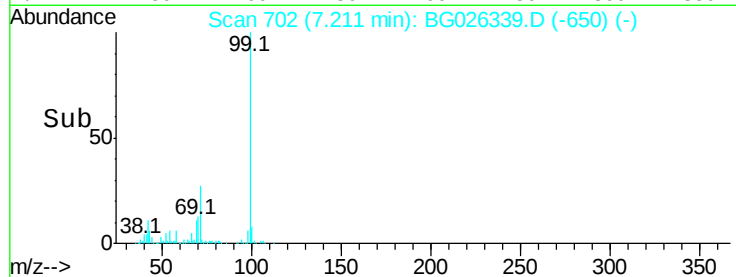
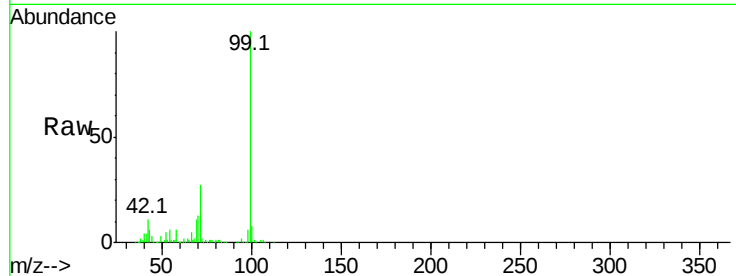
Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 269334 |       |       |
| 66      | 36.6  |        | 35.4  | 53.2  |
| 65      | 19.1  |        | 21.2  | 31.8# |





#7

Phenol-d6

Concen: 149.15 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 1290738 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 11.1  | 20.5  | 30.7#   |
| 71       | 27.1  | 37.6  | 56.4#   |

Instrument :

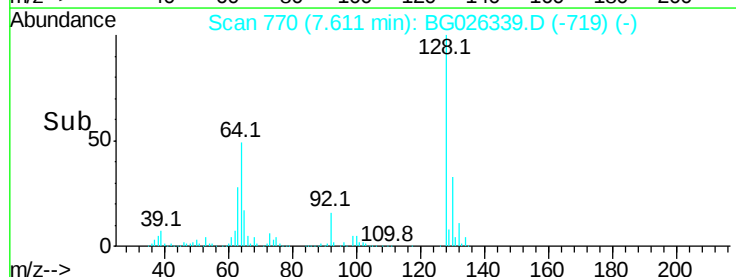
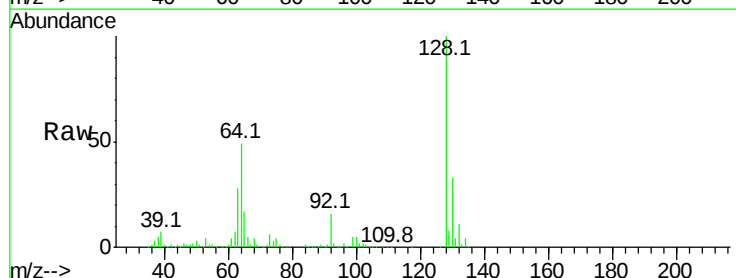
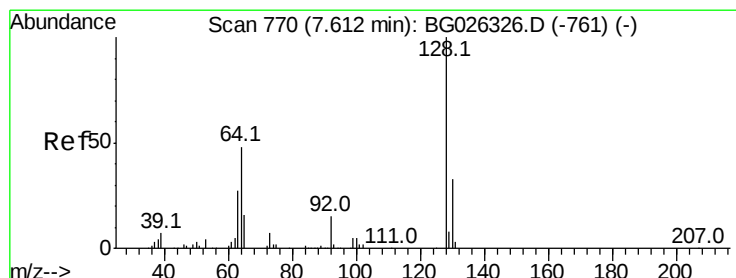
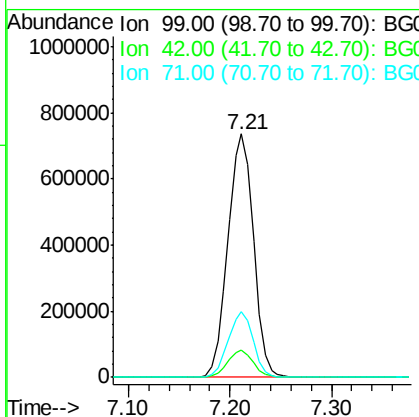
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ClientSampleId :

PB97592BS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 49.07 ng

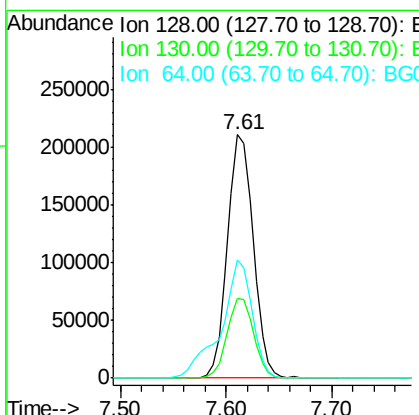
RT: 7.61 min Scan# 770

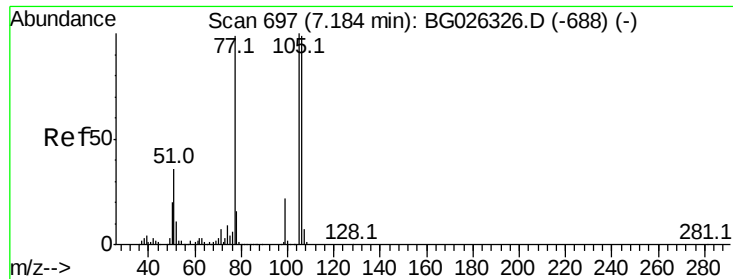
Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 356164 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.8  | 11.4  | 51.4   |
| 64       | 48.7  | 46.6  | 86.6   |





#9

Benzaldehyde

Concen: 26.09 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA\_G

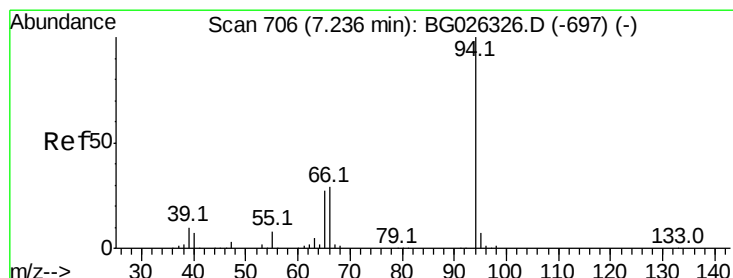
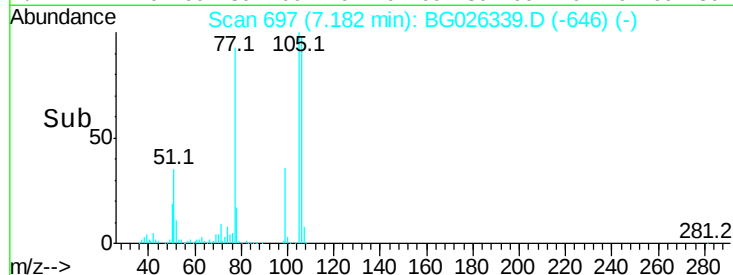
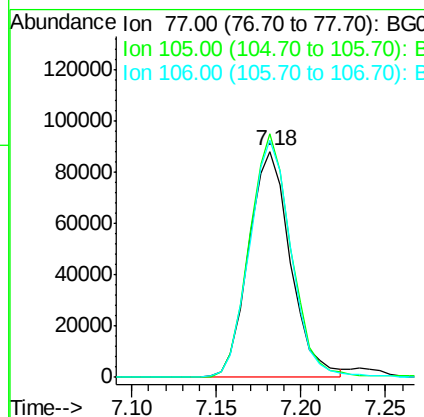
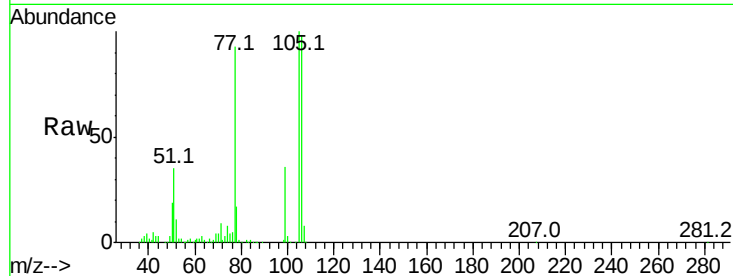
ClientSampleId :

PB97592BS

Tot Ion: 77 Resp: 152430  
 Ion Ratio Lower Upper  
 77 100  
 105 107.6 60.9 100.9#  
 106 105.0 55.1 95.1#

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#10

Phenol

Concen: 48.94 ng

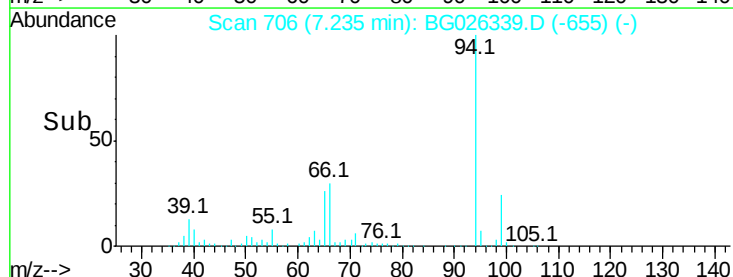
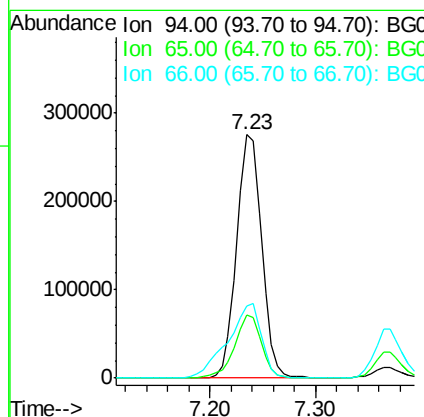
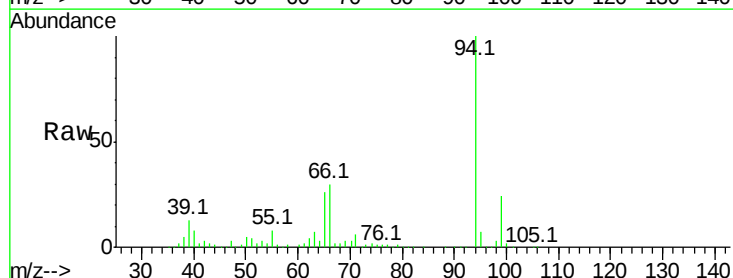
RT: 7.23 min Scan# 706

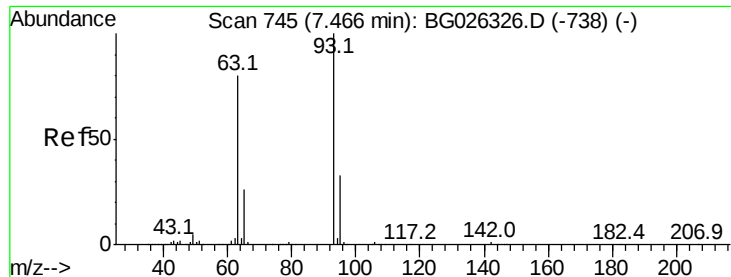
Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Tgt Ion: 94 Resp: 451995  
 Ion Ratio Lower Upper  
 94 100  
 65 26.1 20.6 60.6  
 66 29.6 35.5 75.5#





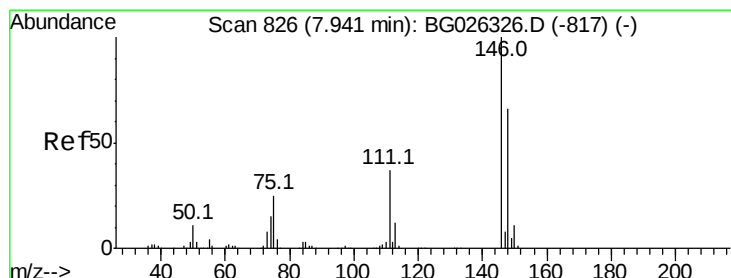
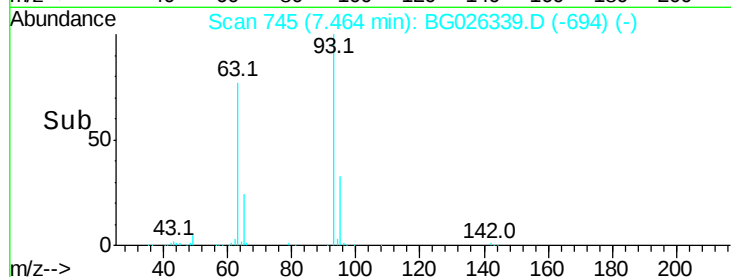
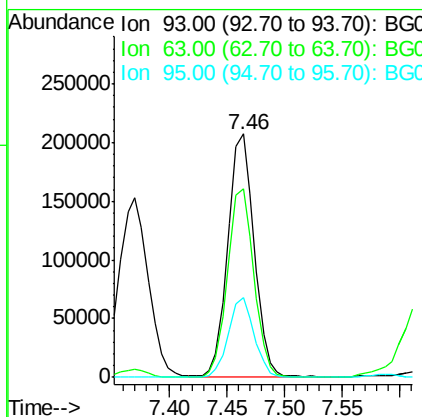
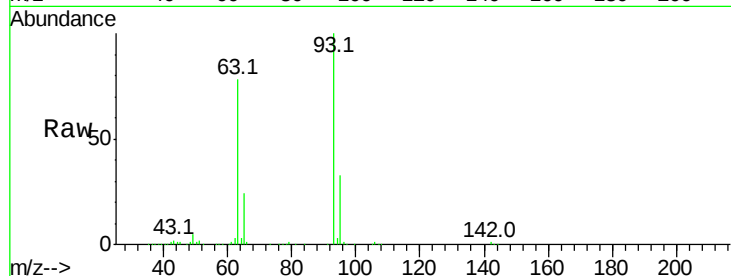
#11  
bis(2-Chloroethyl)ether  
Concen: 43.35 ng  
RT: 7.46 min Scan# 745  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampled :  
PB97592BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 93      | 100   |       |        |
| 63      | 77.7  | 78.5  | 118.5# |
| 95      | 32.8  | 9.8   | 49.8   |

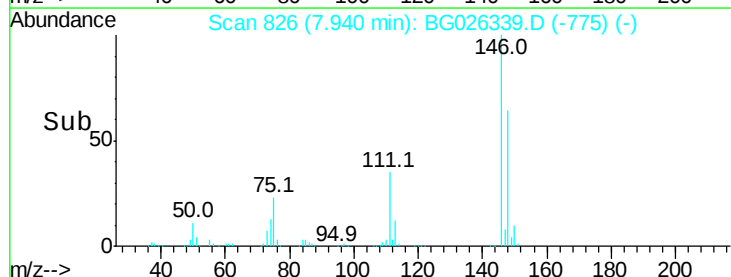
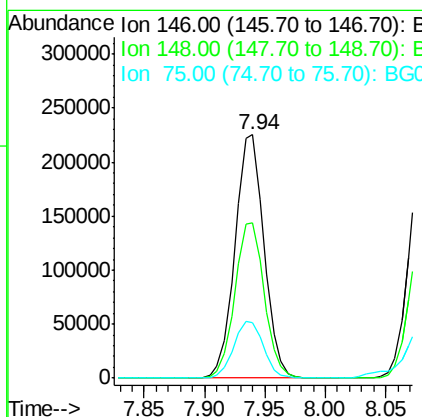
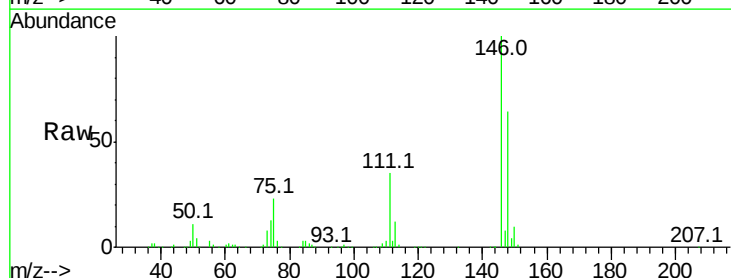
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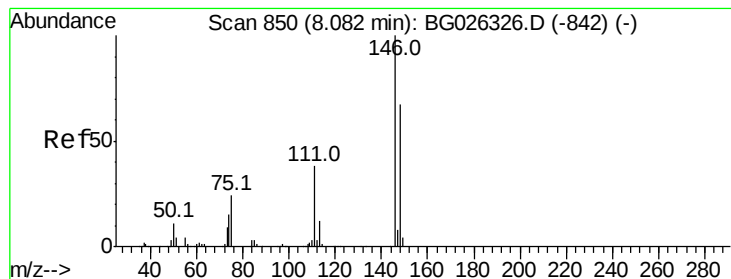
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#12  
1,3-Dichlorobenzene  
Concen: 43.71 ng  
RT: 7.94 min Scan# 826  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 49.2  | 73.8  |
| 75      | 23.0  | 33.4  | 50.2# |





#13

1,4-Dichlorobenzene

Concen: 43.88 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA\_G

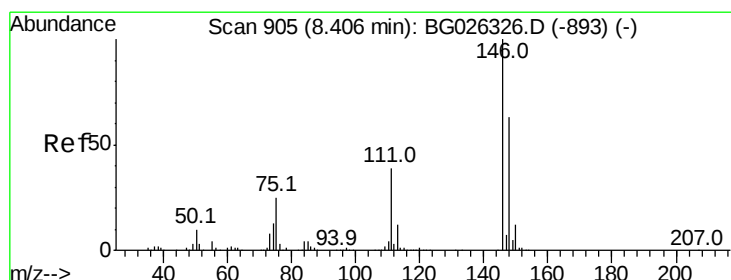
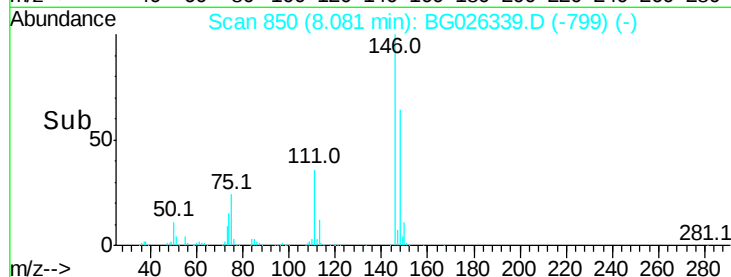
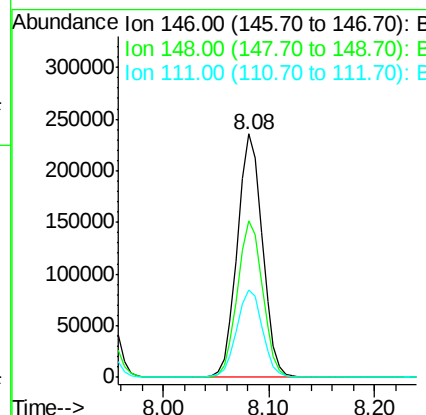
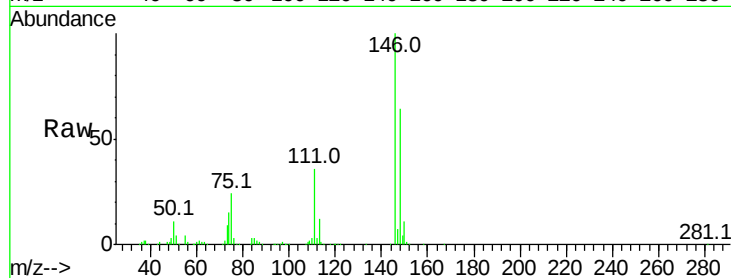
ClientSampleId :

PB97592BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 383487 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.3  | 52.2  | 78.2   |
| 111       | 36.0  | 37.0  | 55.6#  |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 44.31 ng

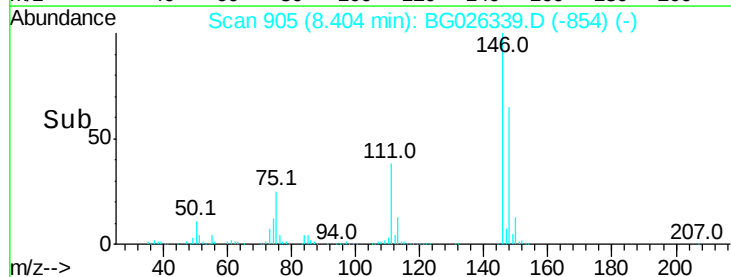
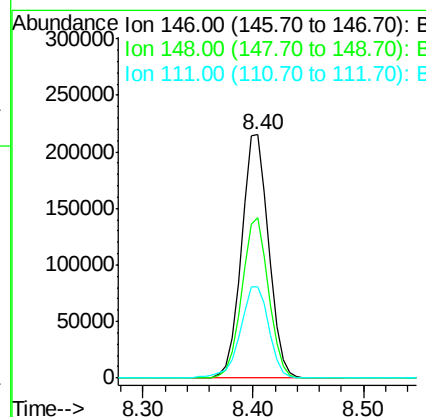
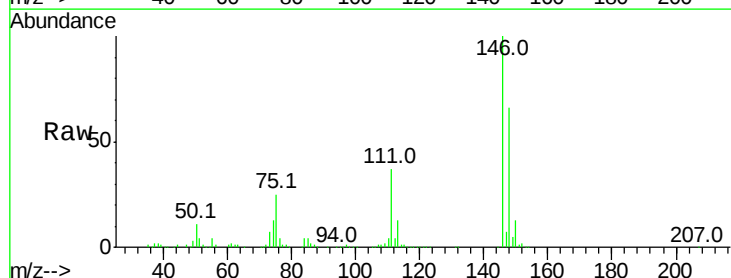
RT: 8.40 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 370697 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.8  | 54.6  | 81.8   |
| 111       | 37.3  | 39.7  | 59.5#  |





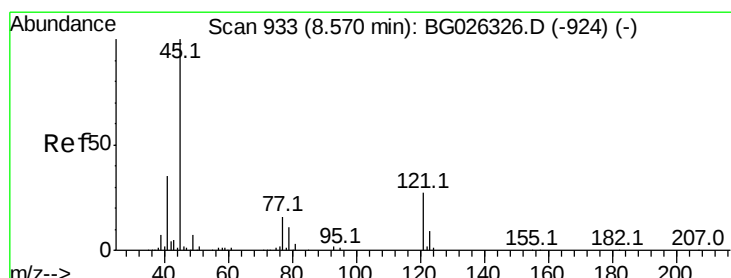
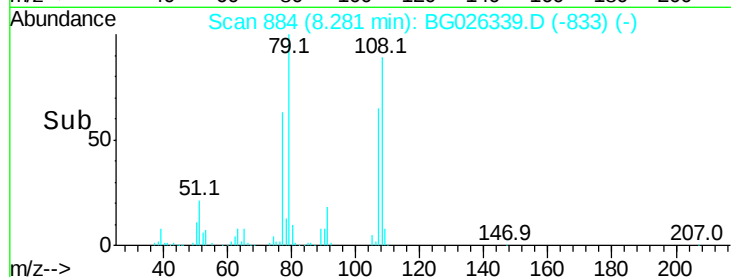
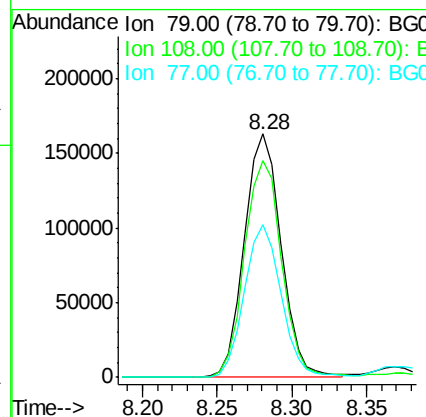
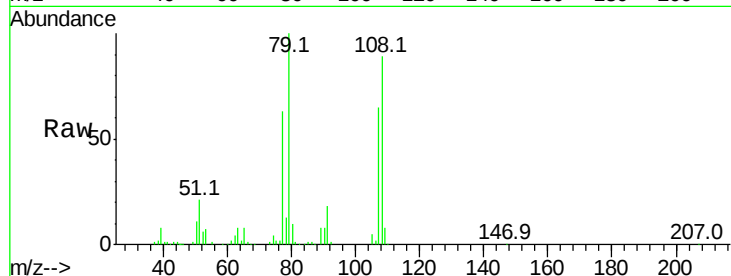
#15  
Benzyl Alcohol  
Concen: 49.22 ng  
RT: 8.28 min Scan# 884  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleId :  
PB97592BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 88.8  | 45.5  | 68.3# |
| 77      | 62.9  | 54.3  | 81.5  |

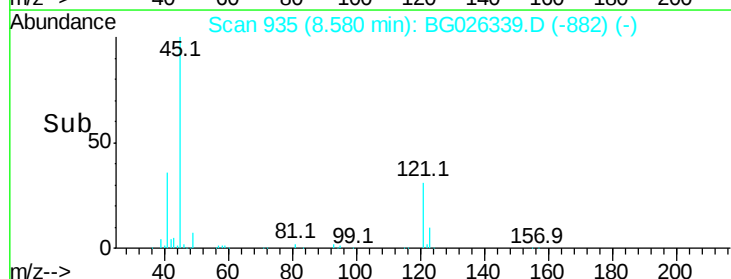
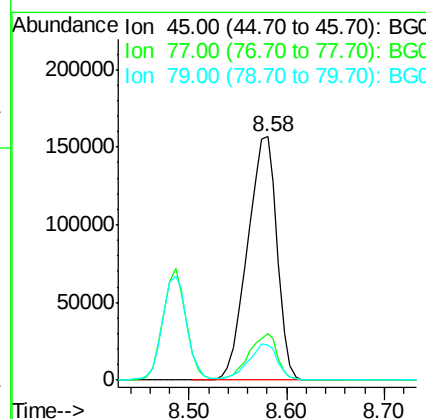
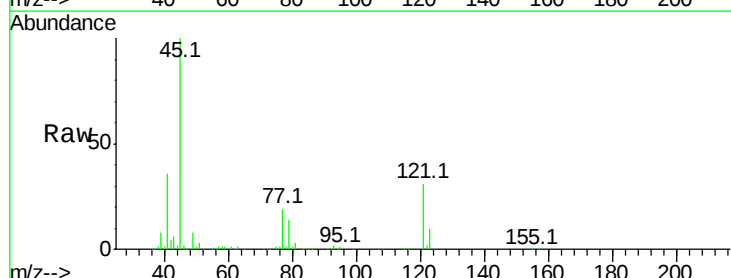
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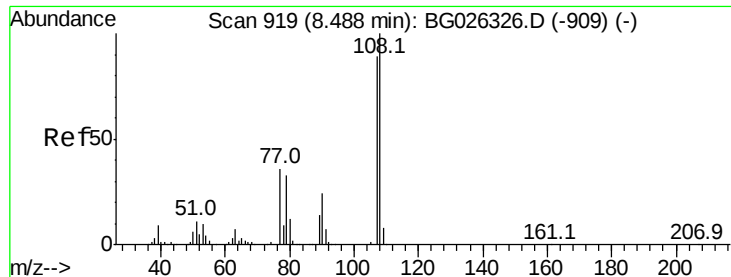
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.40 ng  
RT: 8.58 min Scan# 935  
Delta R.T. 0.01 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 19.2  | 0.0   | 30.6  |
| 79      | 14.4  | 0.0   | 28.5  |





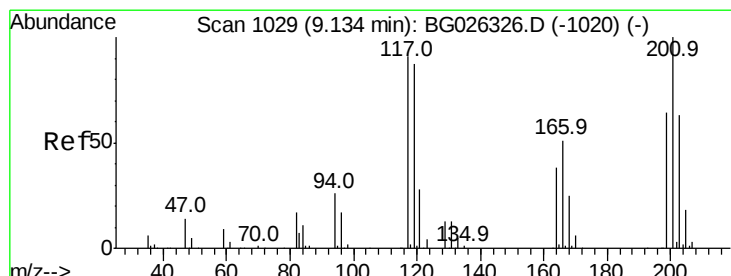
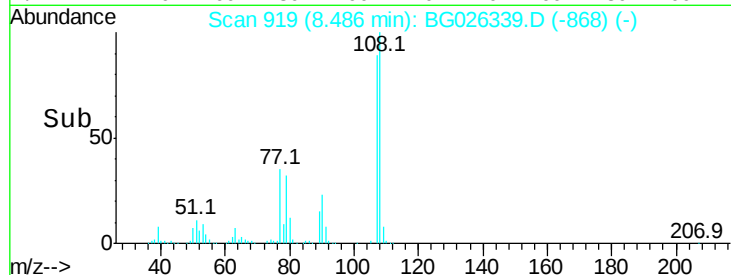
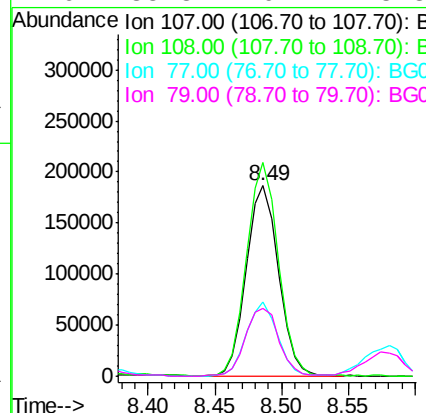
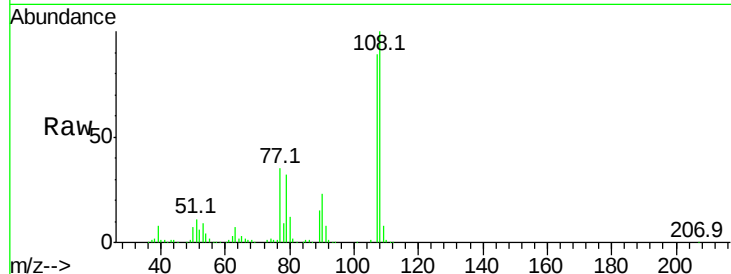
#17  
2-Methylphenol  
Concen: 47.18 ng  
RT: 8.49 min Scan# 919  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleId :  
PB97592BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.2 | 85.6 | 128.4 |       |
| 77      | 38.7  | 51.4 | 77.2# |       |
| 79      | 35.8  | 49.2 | 73.8# |       |

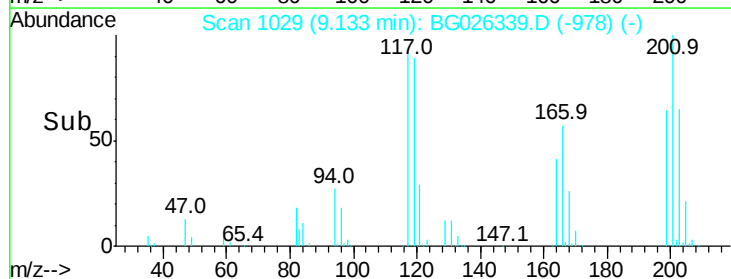
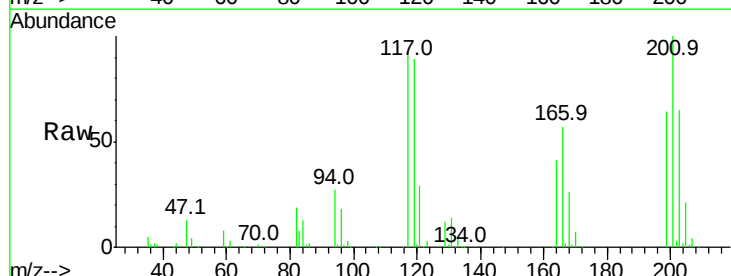
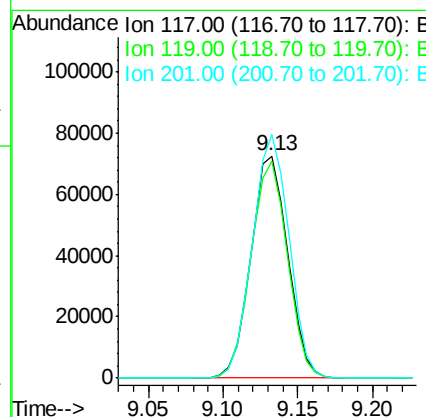
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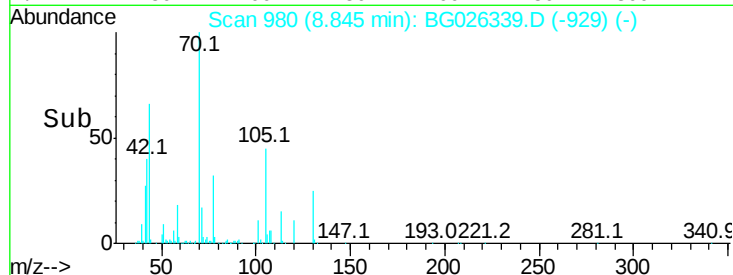
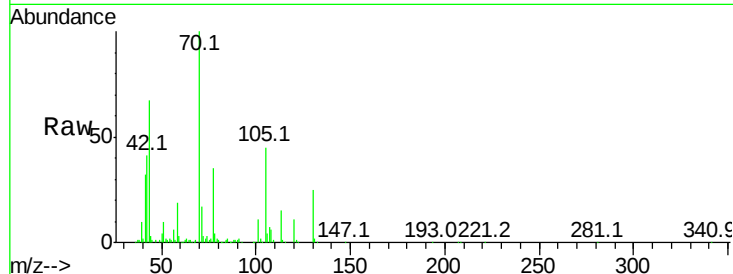
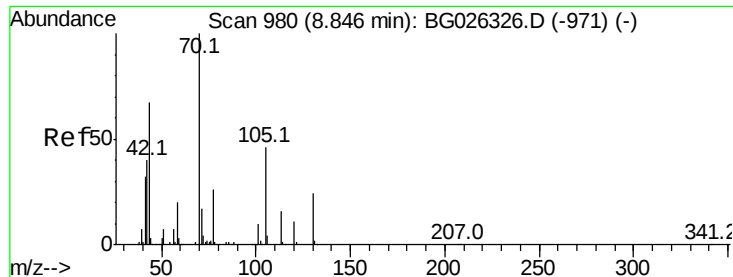
mohammad  
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#18  
Hexachloroethane  
Concen: 43.35 ng  
RT: 9.13 min Scan# 1029  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 97.3  | 69.8 | 104.6 |       |
| 201     | 109.6 | 95.4 | 143.0 |       |





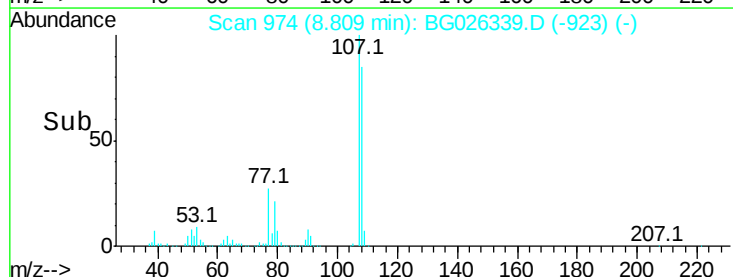
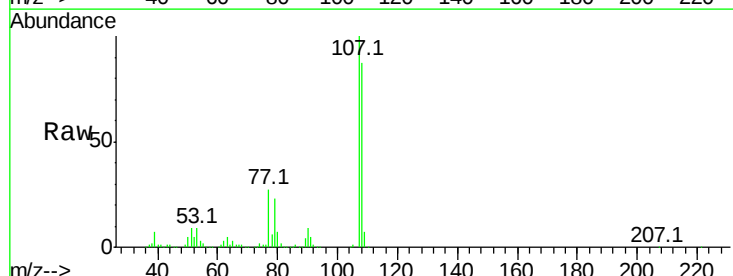
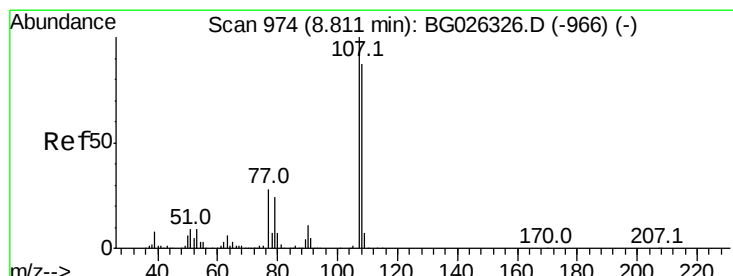
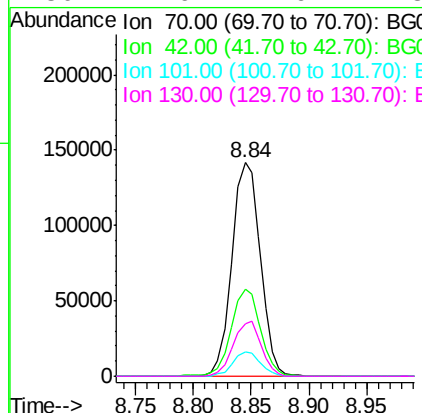
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.44 ng  
RT: 8.84 min Scan# 980  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleId :  
PB97592BS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 70      | 100  |       |       |       |       |
| 42      | 40.8 | 56.1  | 84.1# |       |       |
| 101     | 11.3 | 7.5   | 11.3# |       |       |
| 130     | 24.6 | 14.6  | 21.8# |       |       |

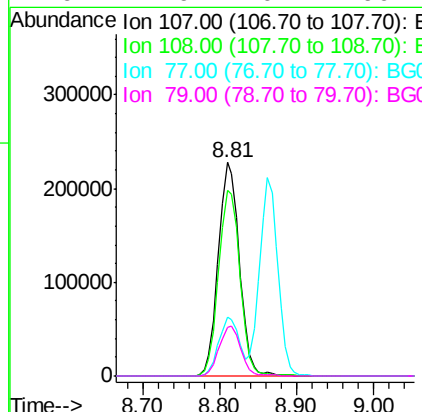
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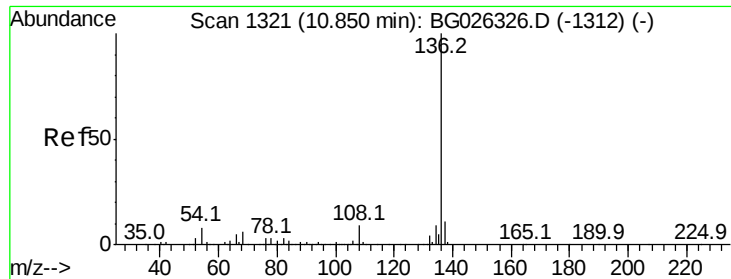
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#20  
3+4-Methylphenols  
Concen: 47.89 ng  
RT: 8.81 min Scan# 974  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 87.0 | 70.8  | 110.8 |       |       |
| 77      | 27.3 | 25.8  | 65.8  |       |       |
| 79      | 22.9 | 20.1  | 60.1  |       |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA\_G

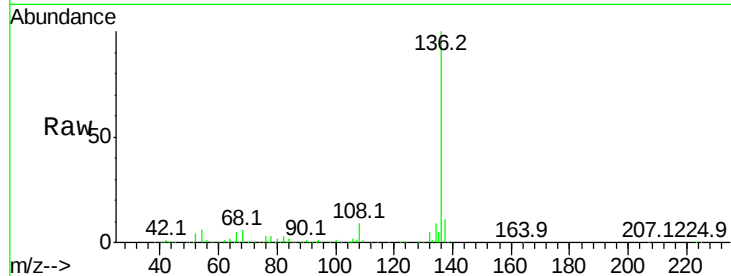
ClientSampleId :

PB97592BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 490755 |       |       |
| 137     | 10.8  |        | 8.9   | 13.3  |
| 54      | 6.2   |        | 9.3   | 13.9# |
| 68      | 6.4   |        | 5.1   | 7.7   |

Manual Integrations  
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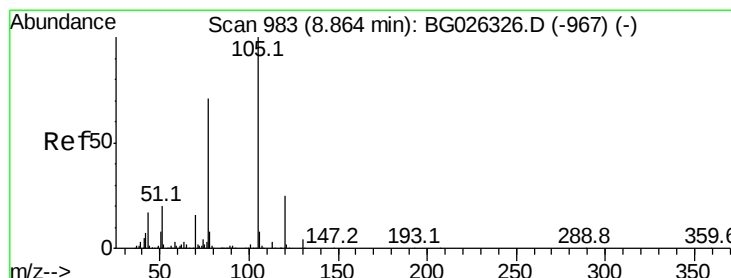
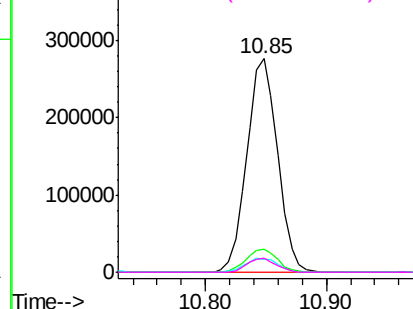
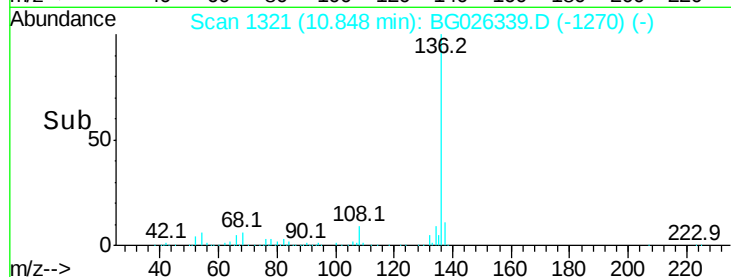
Abundance

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: 44.58 ng

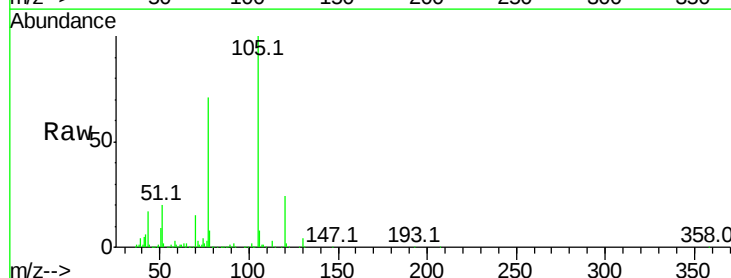
RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 503159 |       |       |
| 71      | 2.5   |        | 0.9   | 1.3#  |
| 51      | 20.2  |        | 34.0  | 51.0# |
| 120     | 24.3  |        | 17.3  | 25.9  |



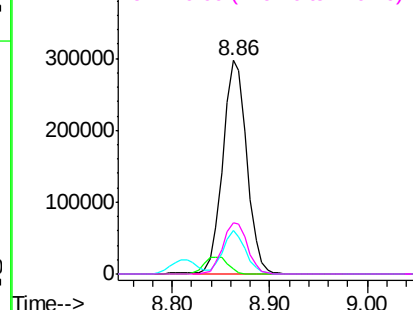
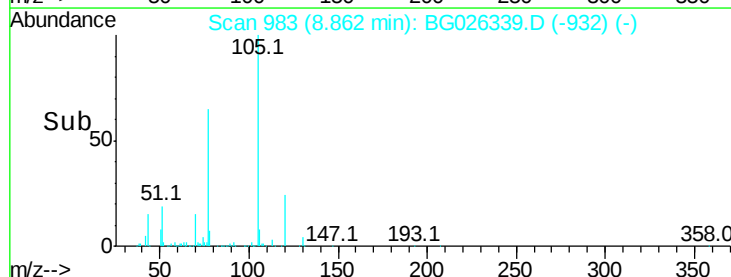
Abundance

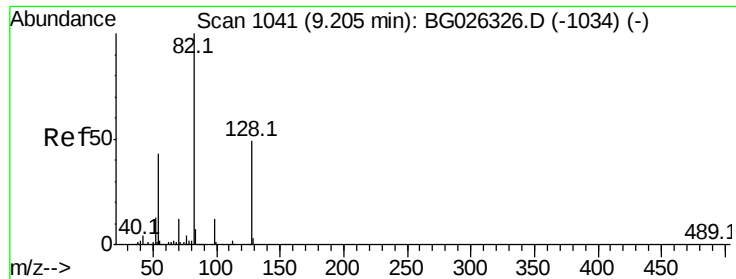
Ion 105.00 (104.70 to 105.70): E

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





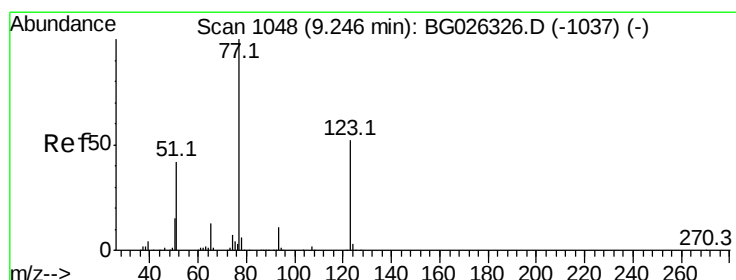
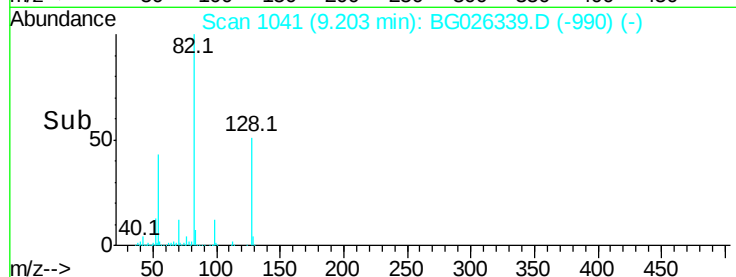
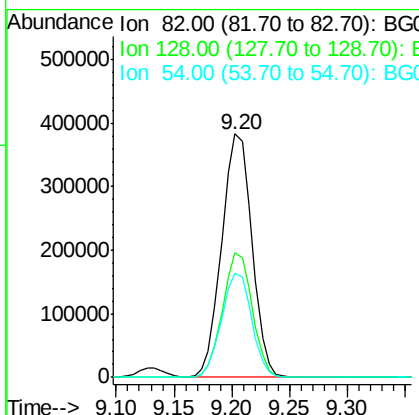
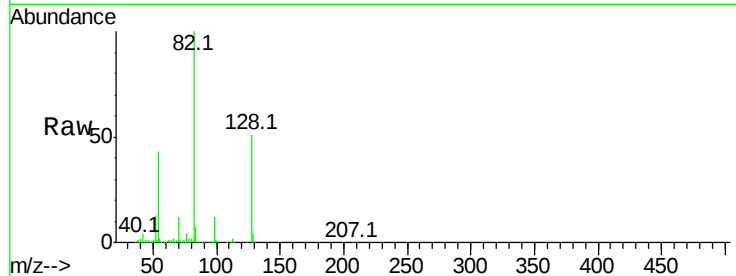
#23  
 Nitrobenzene-d5  
 Concen: 85.12 ng  
 RT: 9.20 min Scan# 1041  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97592BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 50.9  | 26.4  | 39.6# |
| 54      | 42.6  | 49.4  | 74.2# |

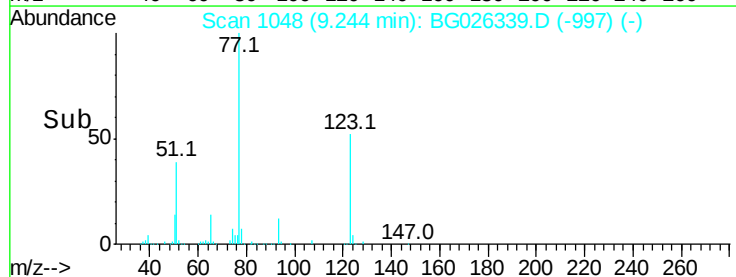
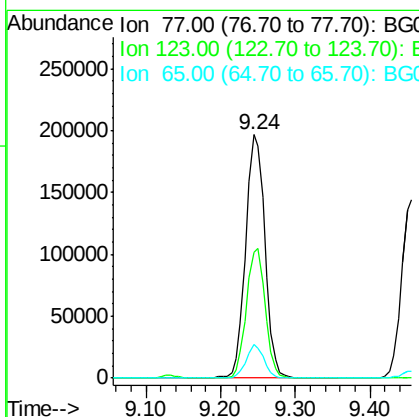
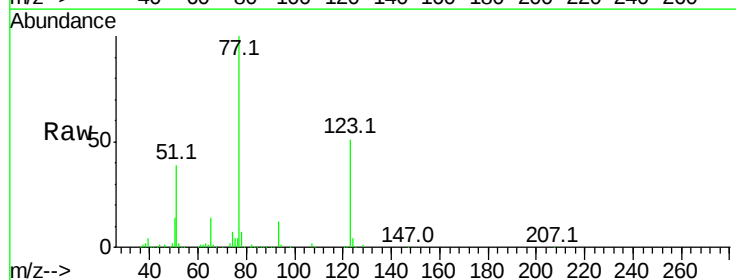
Manual Integrations  
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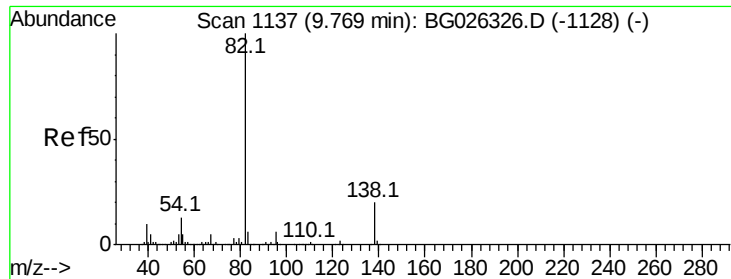
mohammad  
 3/21/2017 5:22:21 PM



#24  
 Nitrobenzene  
 Concen: 43.68 ng  
 RT: 9.24 min Scan# 1048  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 51.5  | 26.1  | 39.1# |
| 65      | 13.6  | 12.4  | 18.6  |





#25

Isophorone

Concen: 44.46 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA\_G

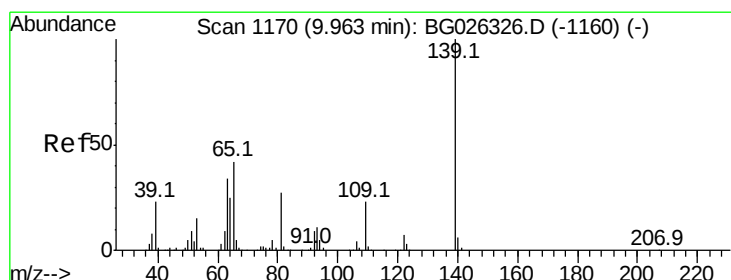
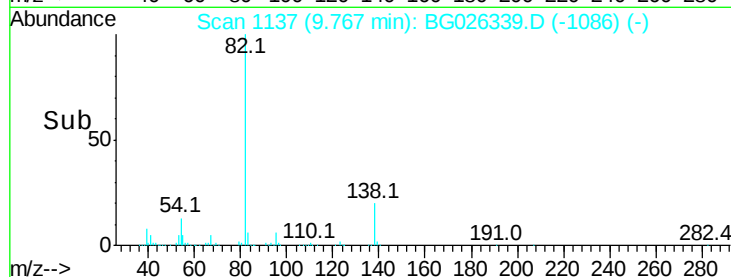
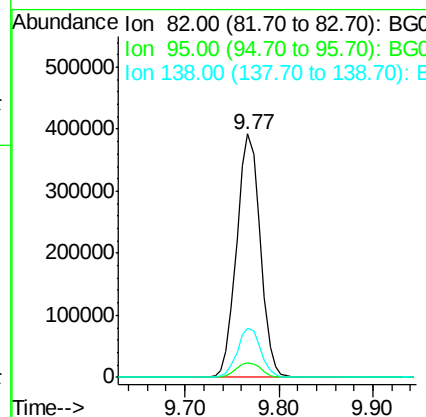
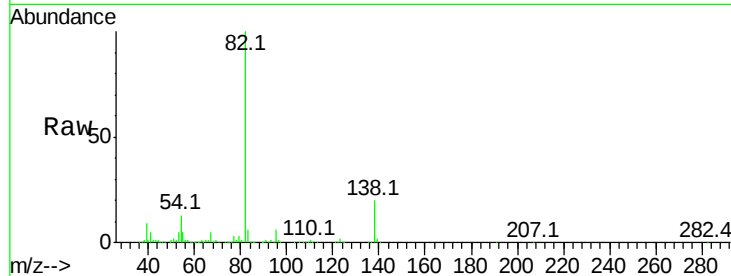
ClientSampleId :

PB97592BS

| Tot Ion   | 82    | Resp  | 683984 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.0   | 7.5   | 11.3#  |
| 138       | 20.4  | 12.3  | 18.5#  |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 48.45 ng

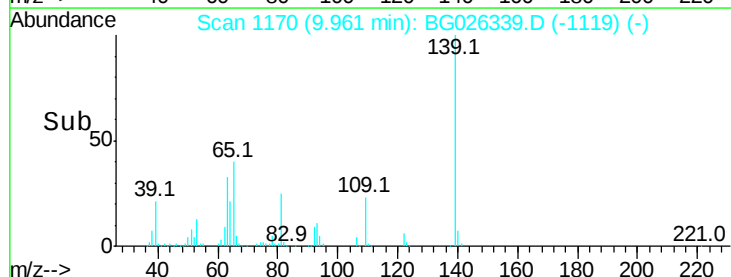
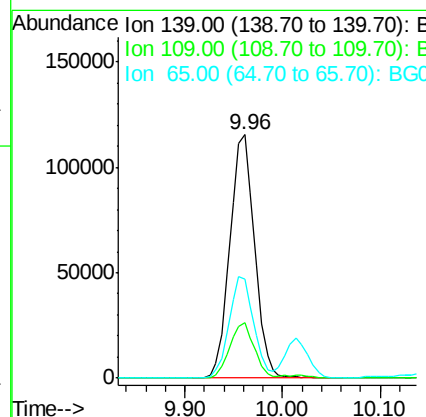
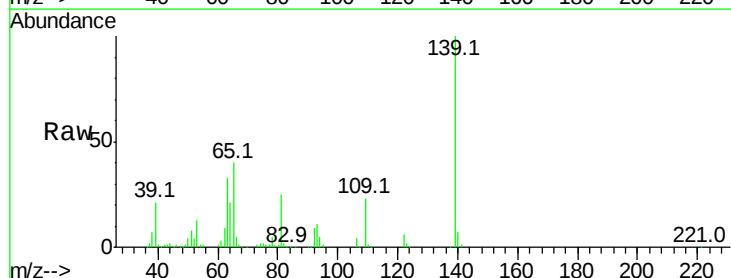
RT: 9.96 min Scan# 1170

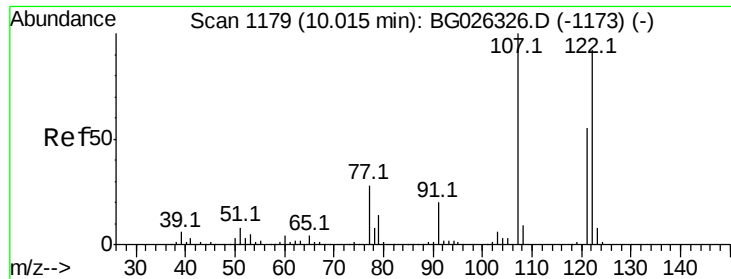
Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

| Tgt Ion   | 139   | Resp  | 203164 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 22.6  | 38.6  | 58.0#  |
| 65        | 40.4  | 57.1  | 85.7#  |





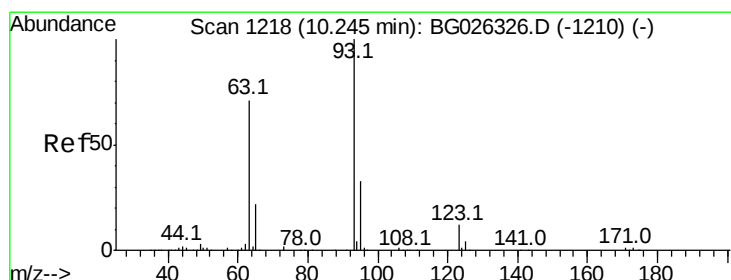
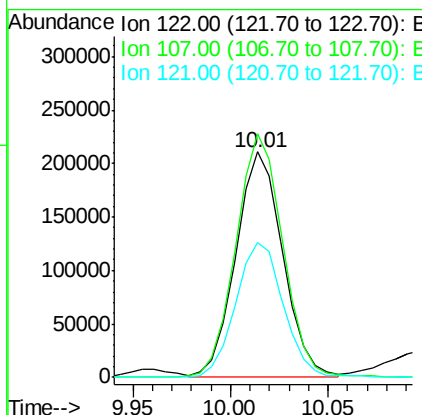
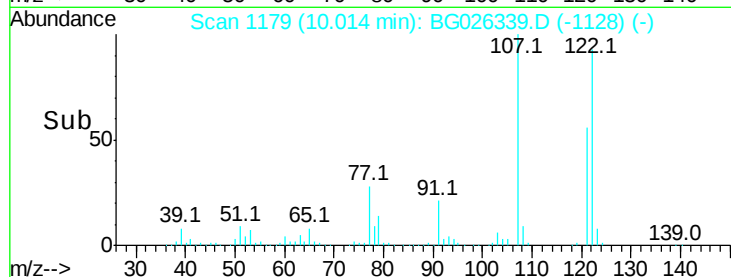
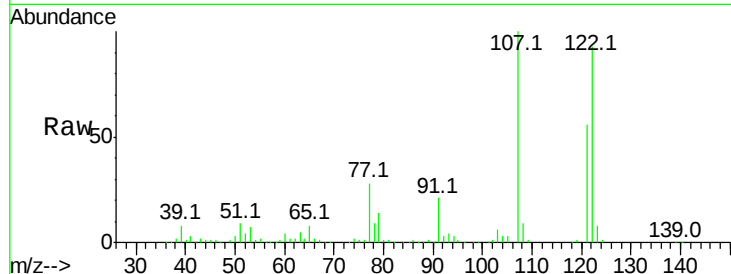
#27  
 2,4-Dimethylphenol  
 Concen: 50.56 ng  
 RT: 10.01 min Scan# 1179  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97592BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 108.0 | 104.2 | 156.4 |
| 121     | 60.0  | 46.0  | 69.0  |

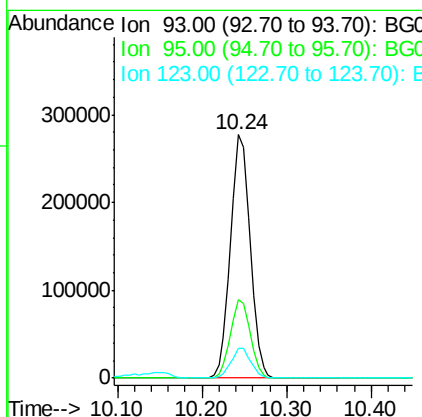
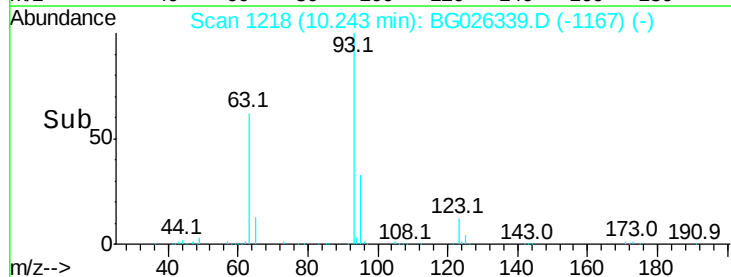
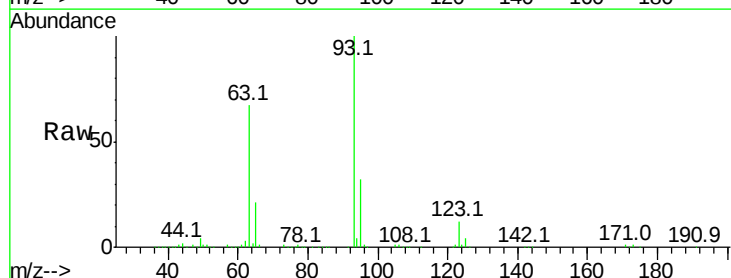
Manual Integrations  
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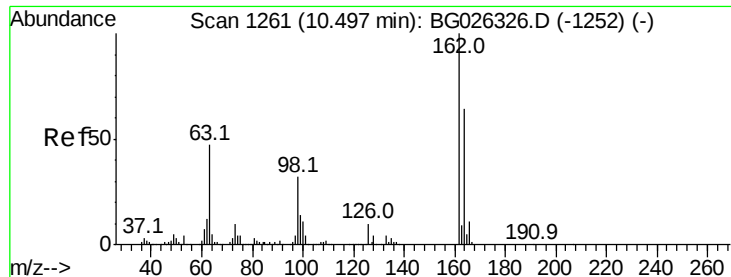
mohammad  
 3/21/2017 5:22:21 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 44.34 ng  
 RT: 10.24 min Scan# 1218  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.1  | 25.7  | 38.5  |
| 123     | 12.1  | 8.3   | 12.5  |





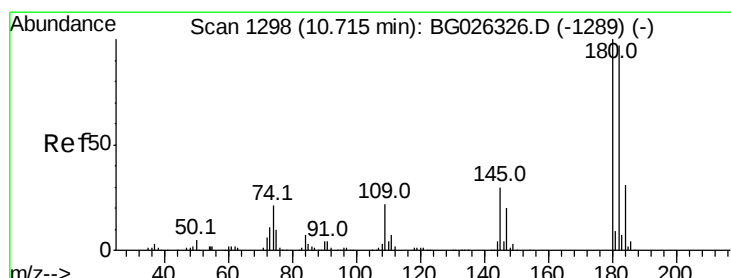
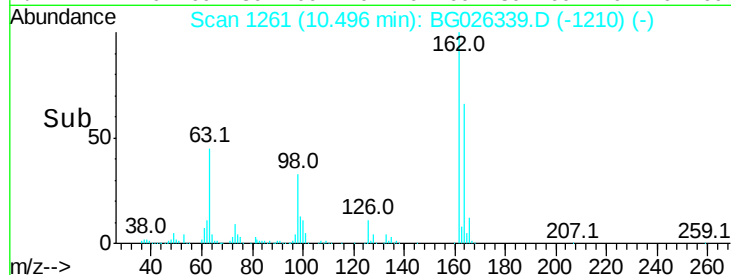
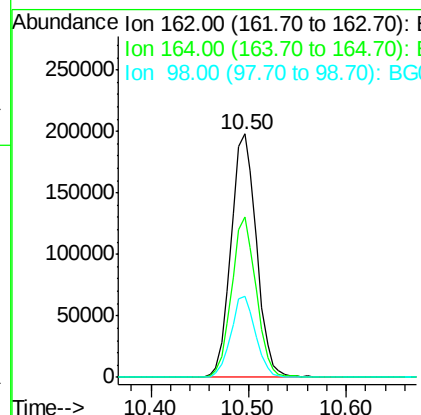
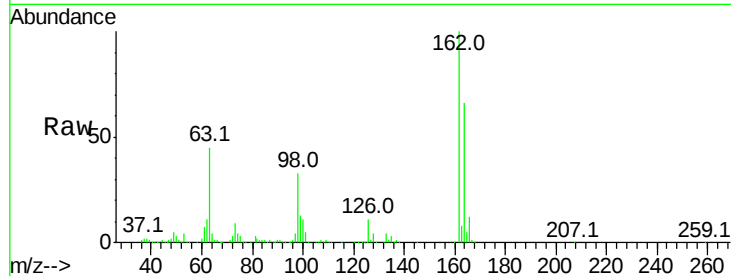
#29  
 2,4-Dichlorophenol  
 Concen: 51.51 ng  
 RT: 10.50 min Scan# 1261  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB97592BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 66.1  | 42.4       | 82.4       |
| 98      | 33.2  | 20.3       | 60.3       |

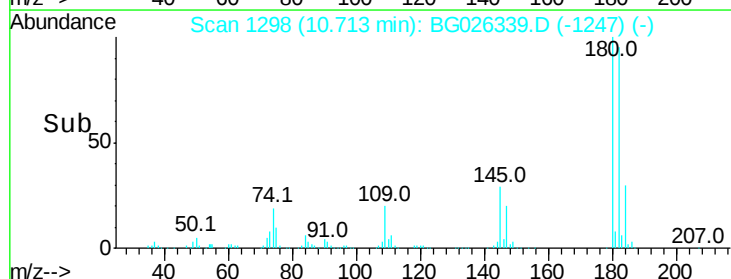
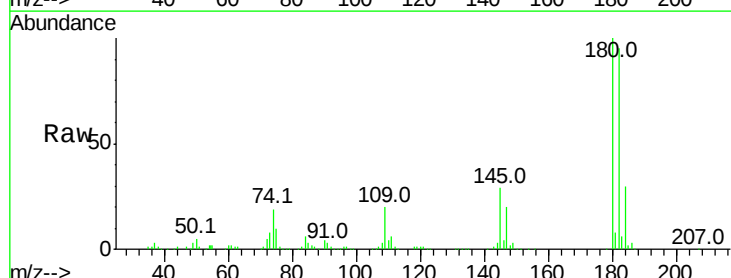
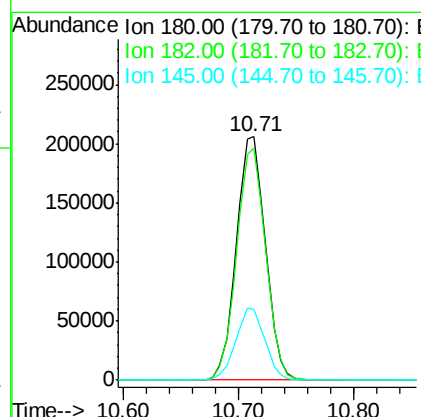
Manual Integrations  
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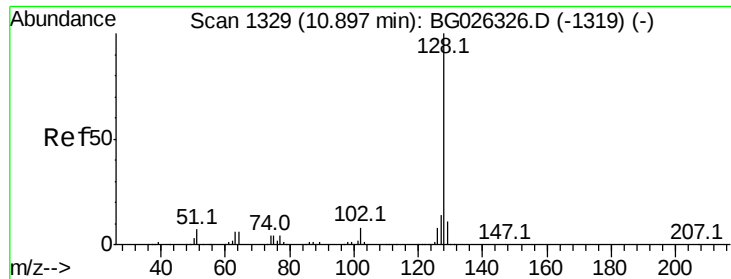
mohammad  
 3/21/2017 5:22:21 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 45.91 ng  
 RT: 10.71 min Scan# 1298  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 95.2  | 77.0       | 115.4      |
| 145     | 28.9  | 23.4       | 35.0       |





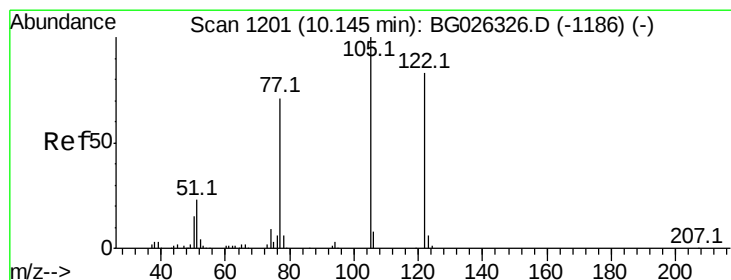
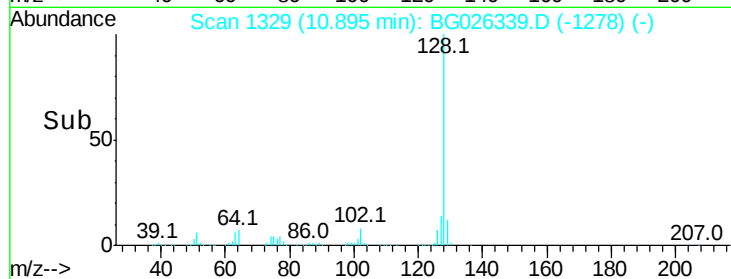
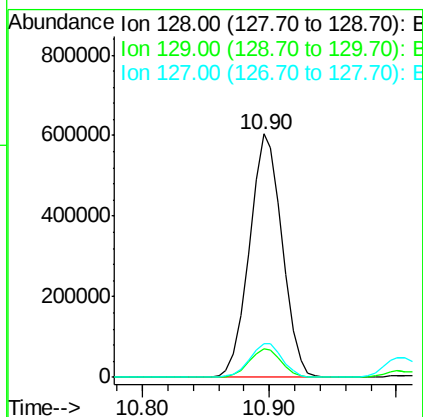
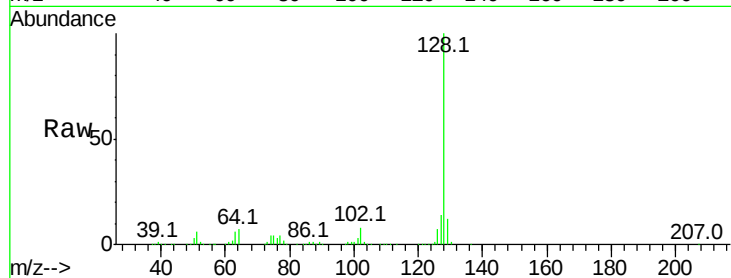
#31  
Naphthalene  
Concen: 43.61 ng  
RT: 10.90 min Scan# 1329  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleId :  
PB97592BS

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

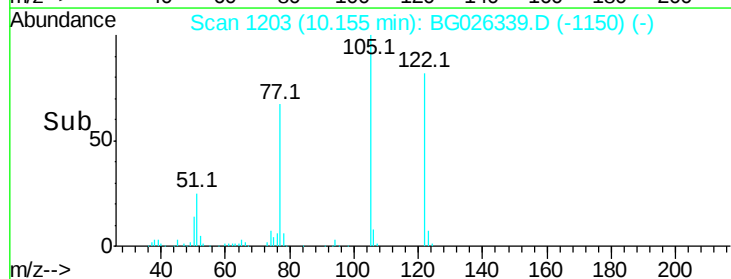
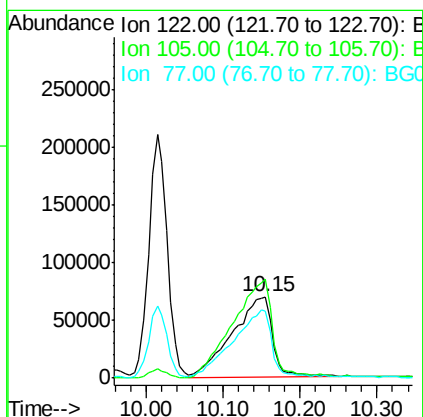
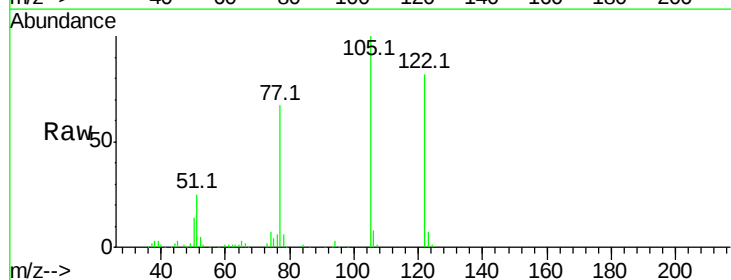
Manual Integrations  
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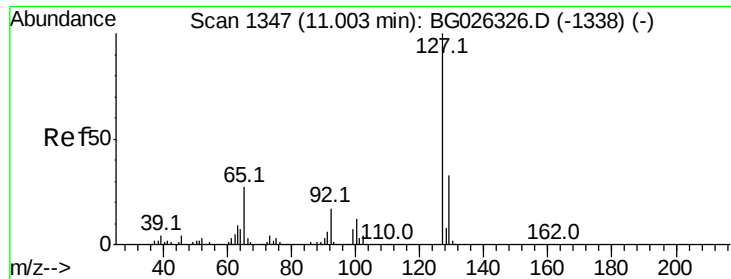
mohammad  
3/21/2017 5:22:21 PM



#32  
Benzoic acid  
Concen: 47.56 ng  
RT: 10.15 min Scan# 1203  
Delta R.T. 0.01 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 121.7 | 120.1 | 160.1  |
| 77      | 82.0  | 104.6 | 144.6# |





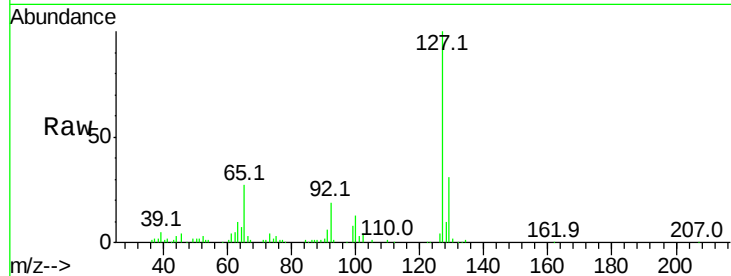
#33  
4-Chloroaniline  
Concen: 10.42 ng  
RT: 11.01 min Scan# 1348  
Delta R.T. 0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleId :  
PB97592BS

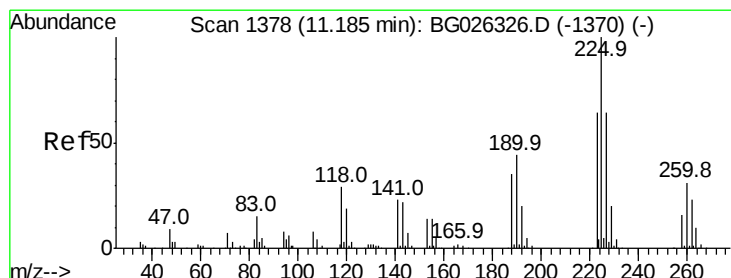
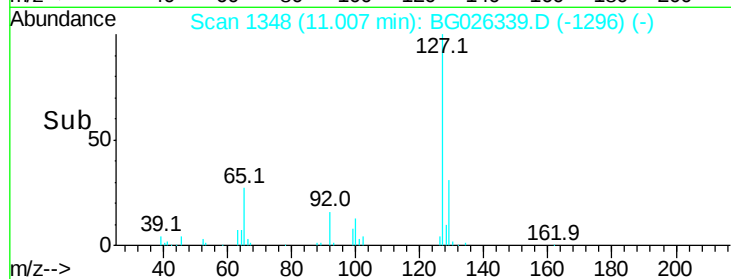
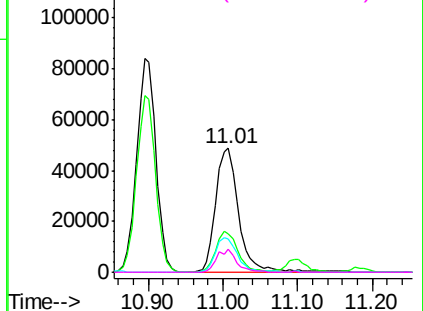
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.3  | 23.6  | 35.4  |
| 65      | 26.8  | 37.7  | 56.5  |
| 92      | 18.9  | 17.6  | 26.4  |

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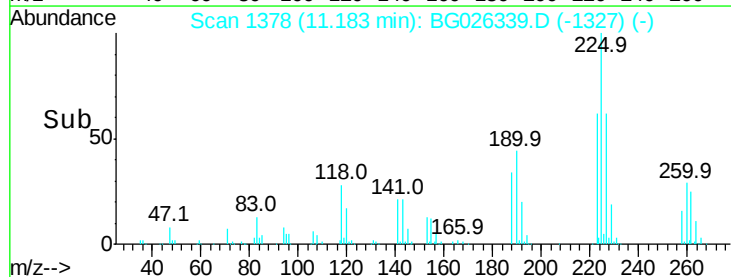
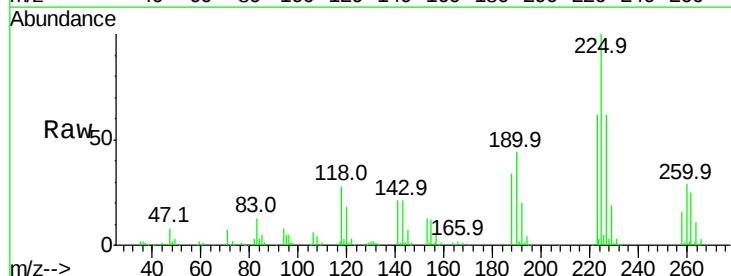
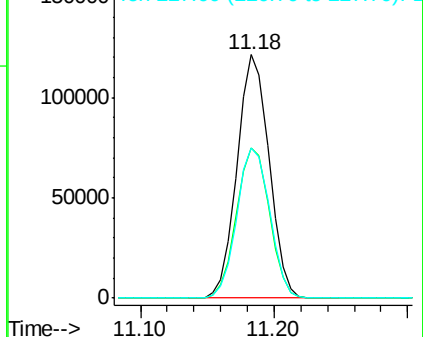
Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

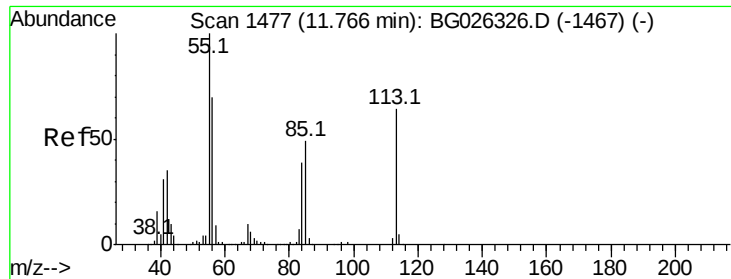


#34  
Hexachlorobutadiene  
Concen: 43.63 ng  
RT: 11.18 min Scan# 1378  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.7  | 50.7  | 76.1  |
| 227     | 61.6  | 49.0  | 73.6  |

Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 49.20 ng/ml

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA\_G

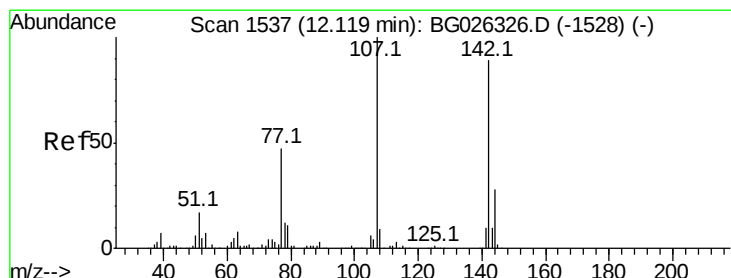
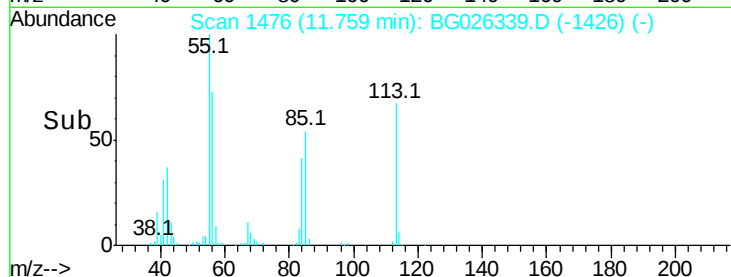
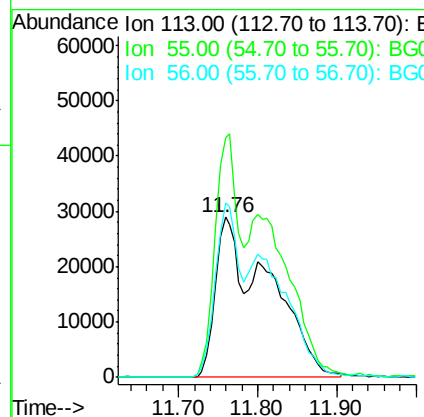
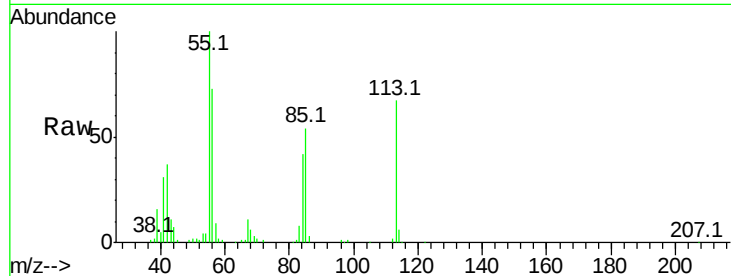
ClientSampleId :

PB97592BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 149.9 | 198.6 | 238.6# |
| 56      | 109.4 | 140.4 | 180.4# |

Manual Integrations  
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#36

4-Chloro-3-methylphenol

Concen: 50.16 ng/ml

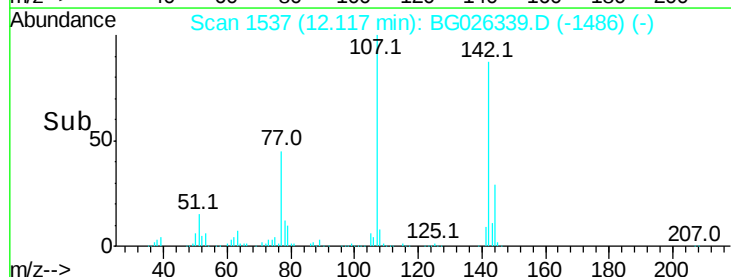
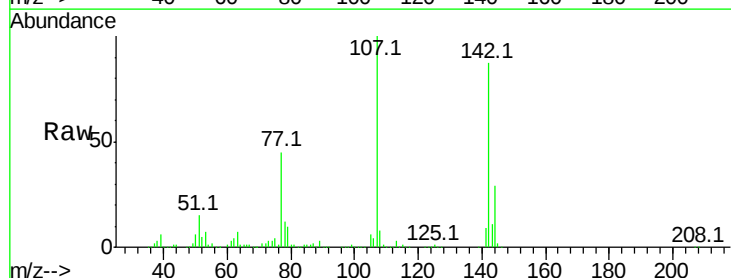
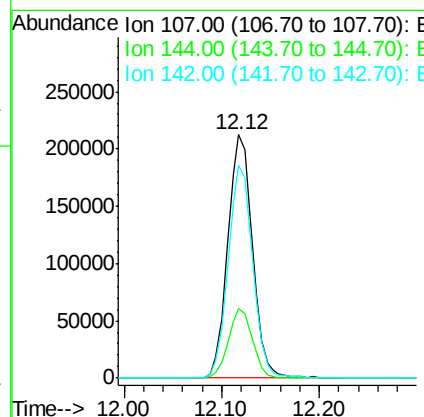
RT: 12.12 min Scan# 1537

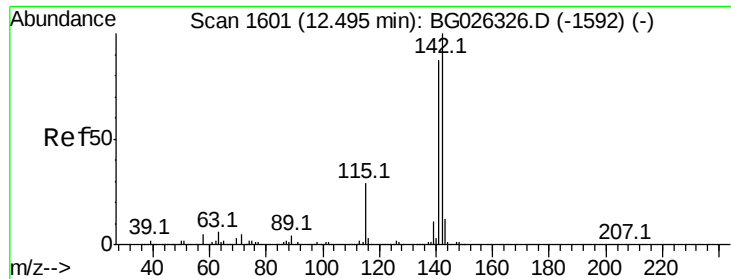
Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 28.7  | 17.4  | 26.0# |
| 142     | 87.3  | 54.1  | 81.1# |





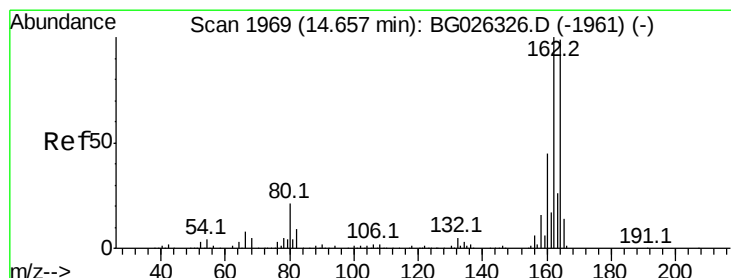
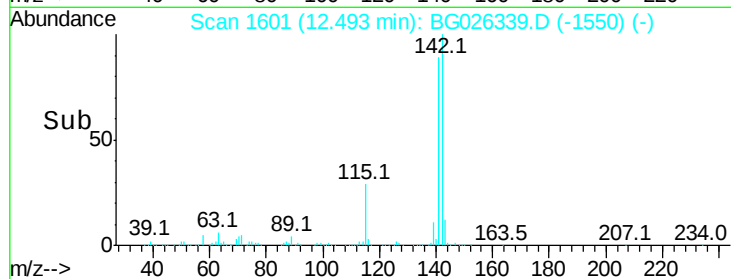
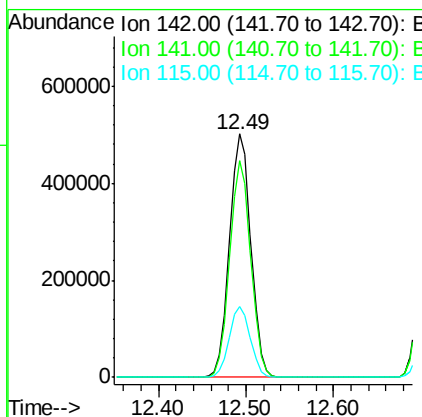
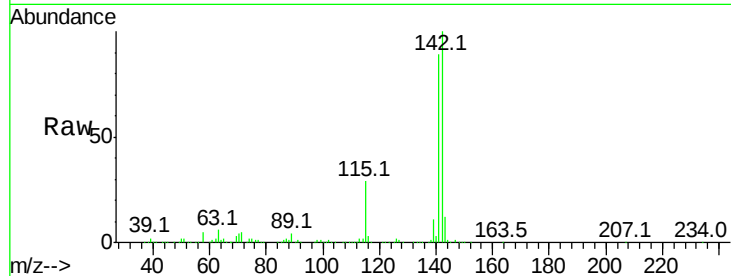
#37  
2-Methylnaphthalene  
Concen: 45.92 ng  
RT: 12.49 min Scan# 1601  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleId :  
PB97592BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.8  | 70.4  | 105.6 |
| 115     | 29.3  | 35.5  | 53.3  |

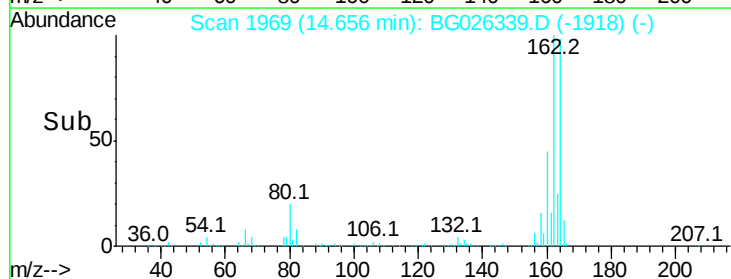
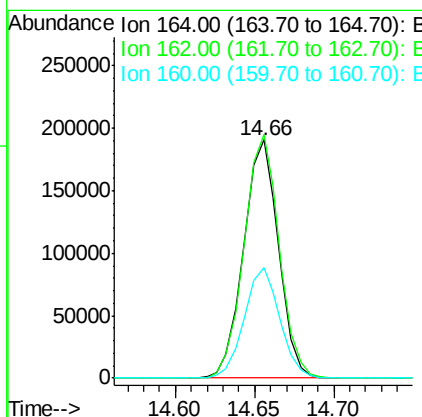
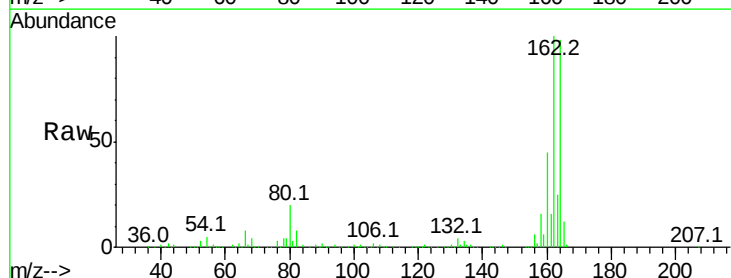
Manual Integrations  
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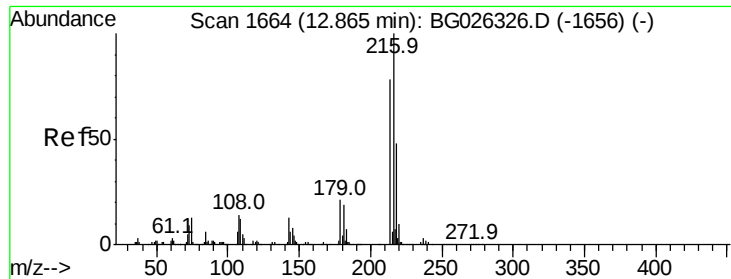
mohammad  
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.66 min Scan# 1969  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.3 | 85.1  | 127.7 |
| 160     | 46.5  | 34.7  | 52.1  |





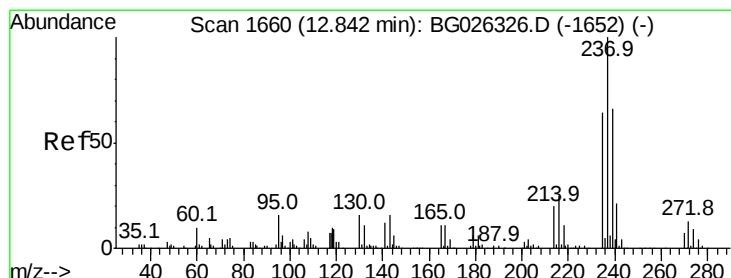
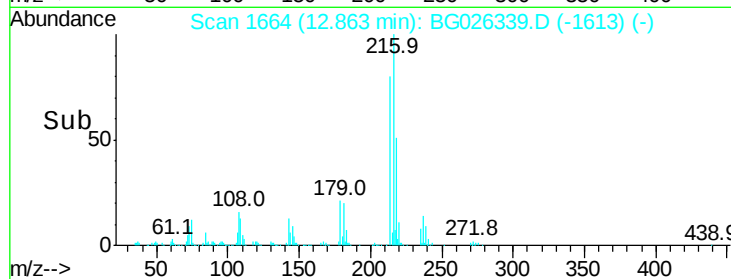
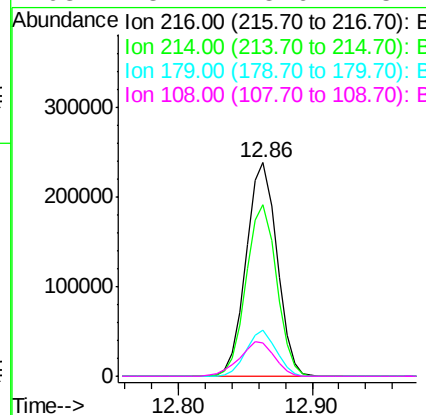
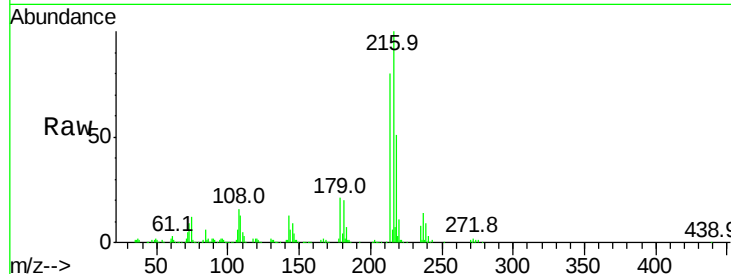
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 43.47 ng  
 RT: 12.86 min Scan# 1664  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97592BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 379128 |       |       |
| 214     | 79.6  | 64.4   | 96.6  |       |
| 179     | 21.0  | 17.4   | 26.0  |       |
| 108     | 18.7  | 15.6   | 23.4  |       |

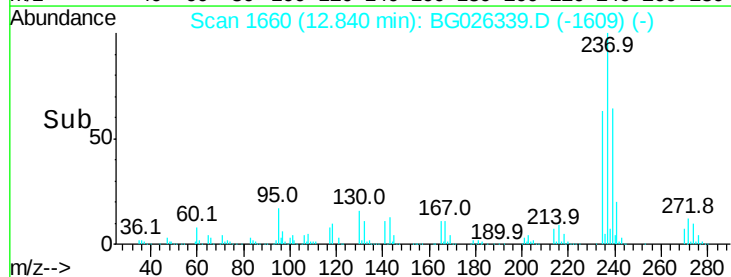
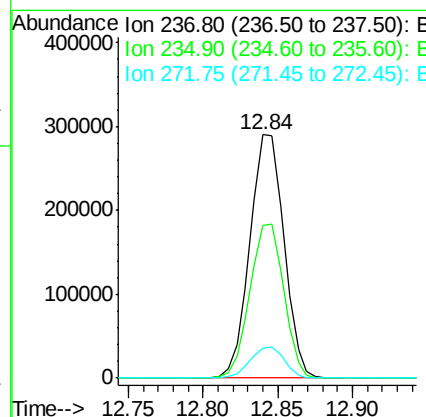
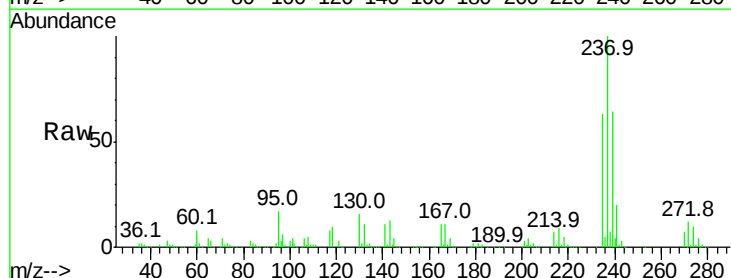
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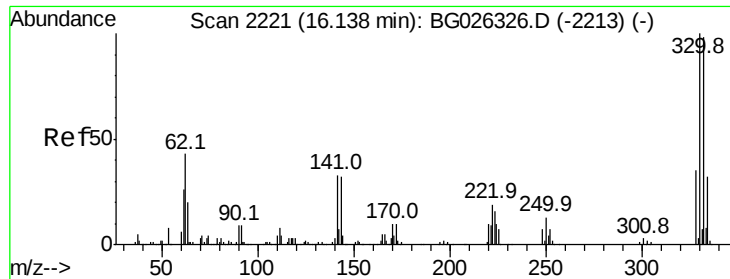
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#40  
 Hexachlorocyclopentadiene  
 Concen: 99.56 ng  
 RT: 12.84 min Scan# 1660  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 457084 |       |       |
| 235     | 62.8  | 39.4   | 79.4  |       |
| 272     | 12.4  | 0.0    | 32.0  |       |





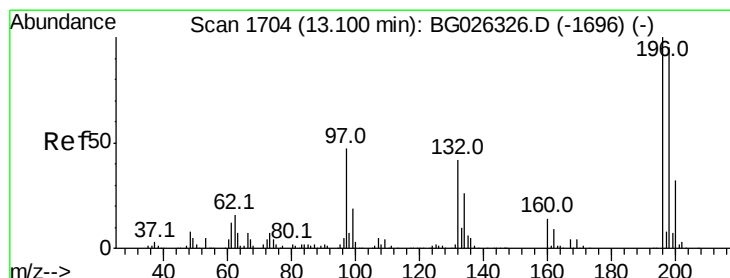
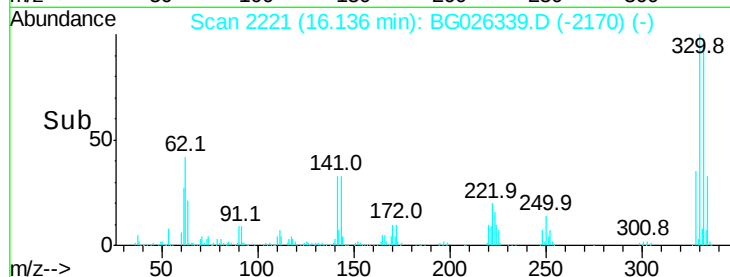
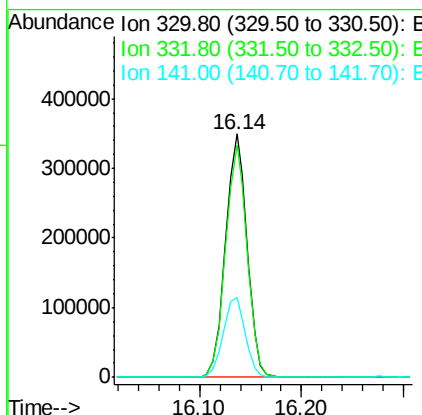
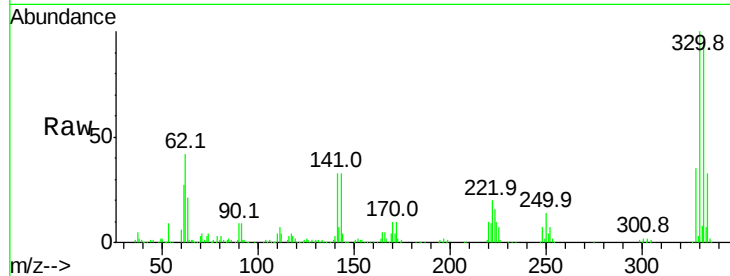
#41  
 2,4,6-Tribromophenol  
 Concen: 154.90 ng  
 RT: 16.14 min Scan# 2221  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97592BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 514212 |       |       |
| 332     | 95.4  | 77.3   | 115.9 |       |
| 141     | 33.9  | 32.1   | 48.1  |       |

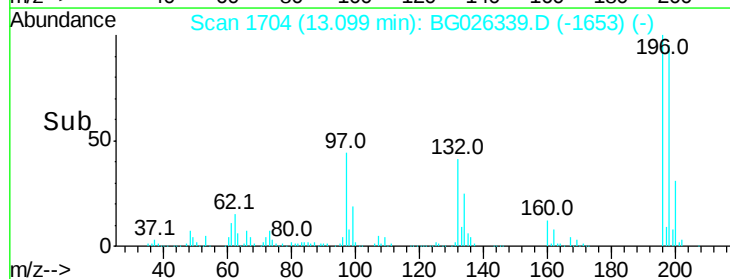
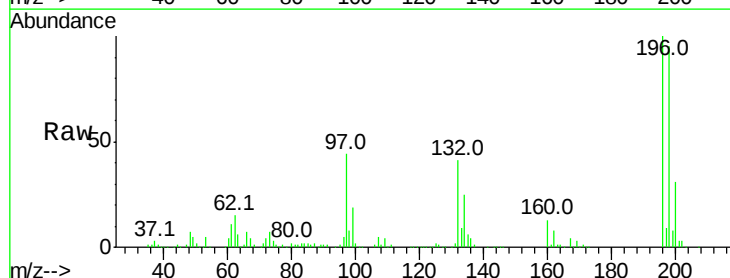
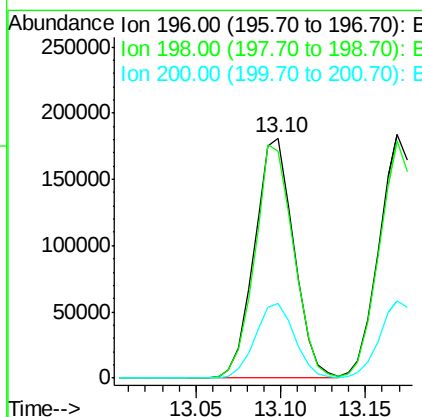
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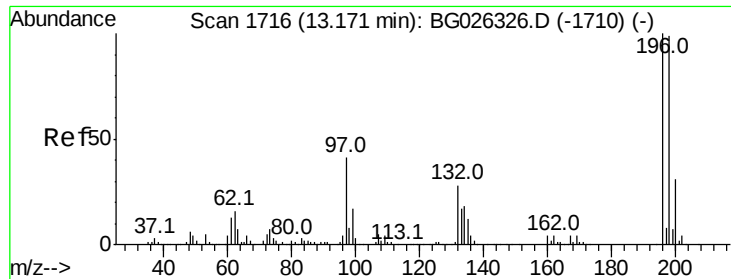
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#42  
 2,4,6-Trichlorophenol  
 Concen: 50.94 ng  
 RT: 13.10 min Scan# 1704  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 290900 |       |       |
| 198     | 94.5  | 81.4   | 122.2 |       |
| 200     | 30.8  | 27.0   | 40.6  |       |





#43

2,4,5-Trichlorophenol

Concen: 47.52 ng

RT: 13.17 min Scan# 1716

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA\_G

ClientSampleId :

PB97592BS

Tot Ion:196 Resp: 299947

Ion Ratio Lower Upper

196 100

198 97.2 79.9 119.9

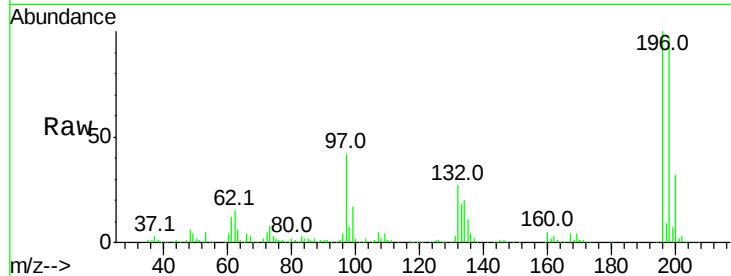
97 42.0 45.4 68.0#

132 26.9 20.7 31.1

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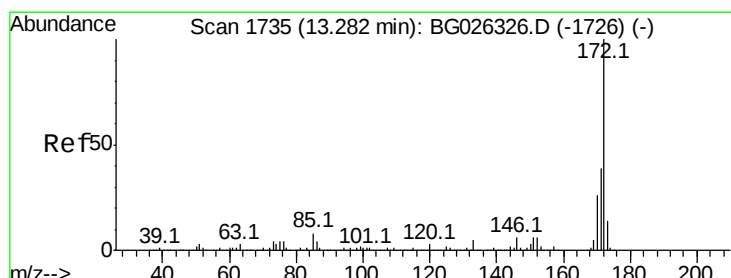
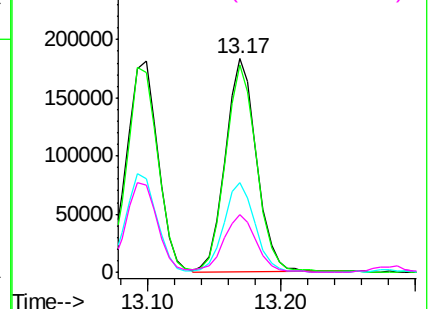
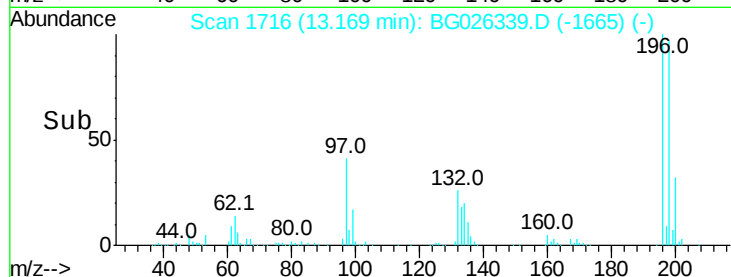


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 87.98 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

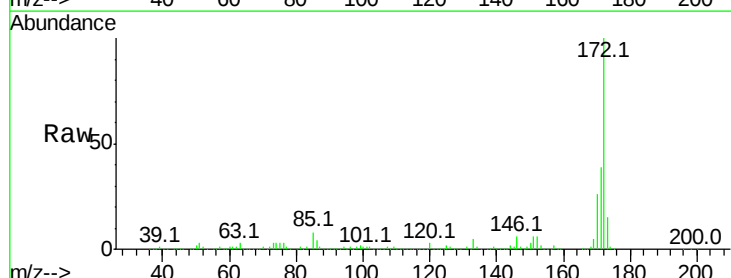
Tgt Ion:172 Resp: 1818507

Ion Ratio Lower Upper

172 100

171 39.2 32.2 48.2

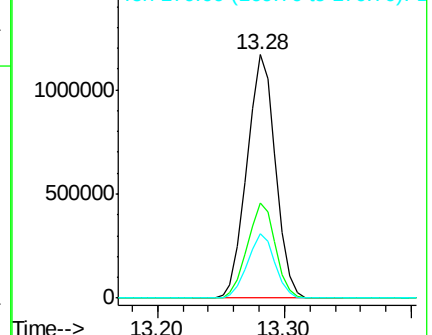
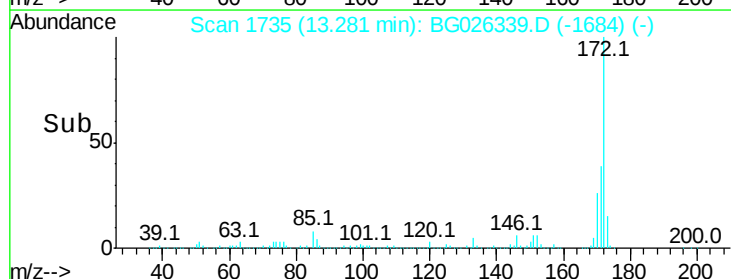
170 26.5 21.8 32.6

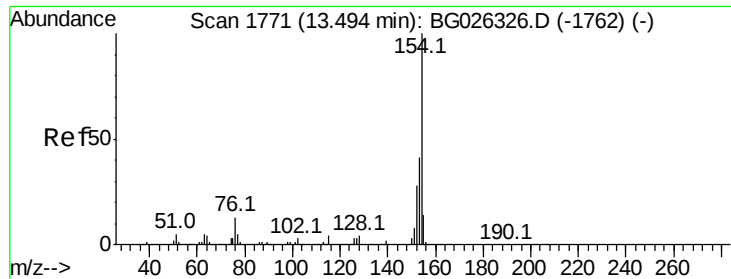


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





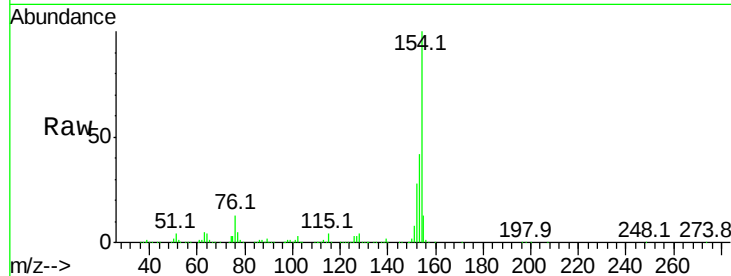
#45  
 1,1'-Biphenyl  
 Concen: 44.63 ng  
 RT: 13.49 min Scan# 1771  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97592BS

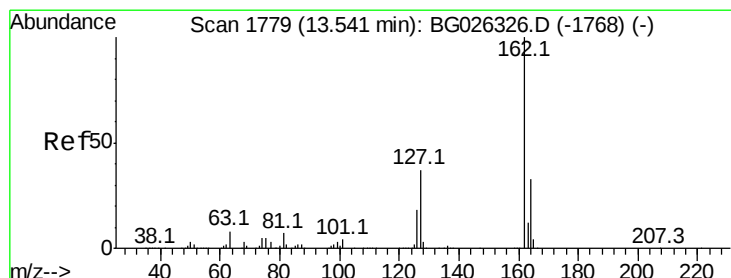
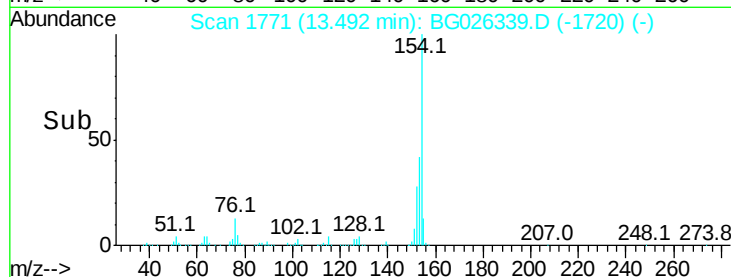
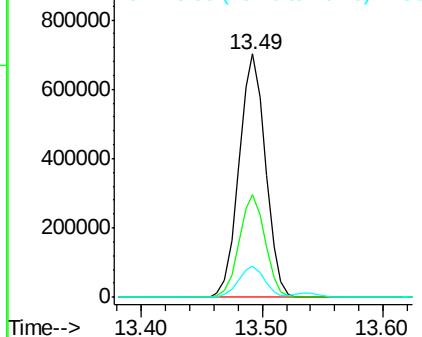
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.3  | 23.0  | 63.0  |
| 76      | 12.9  | 0.0   | 33.5  |

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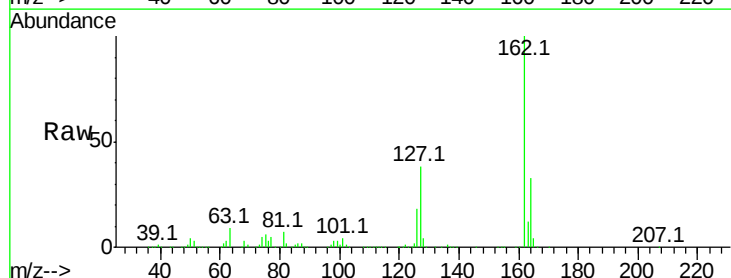


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BGC

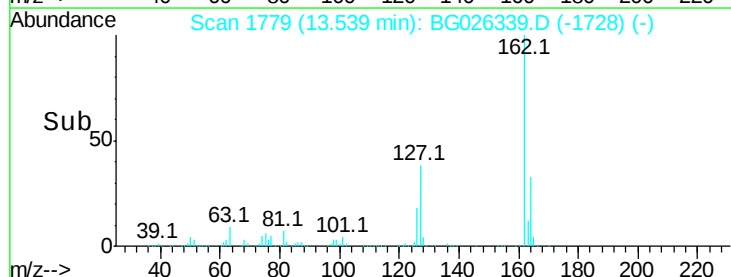
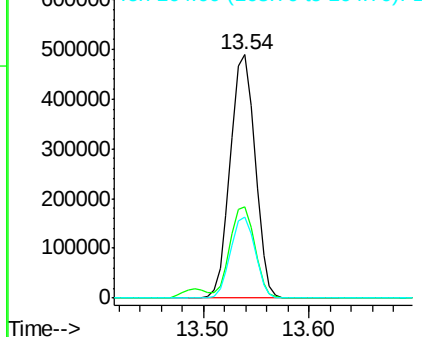


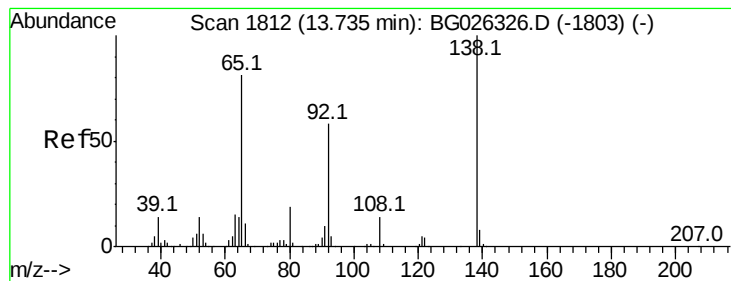
#46  
 2-Chloronaphthalene  
 Concen: 45.15 ng  
 RT: 13.54 min Scan# 1779  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.7  | 32.2  | 48.4  |
| 164     | 33.5  | 27.3  | 40.9  |



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





#47

2-Nitroaniline

Concen: 45.93 ng

RT: 13.73 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA\_G

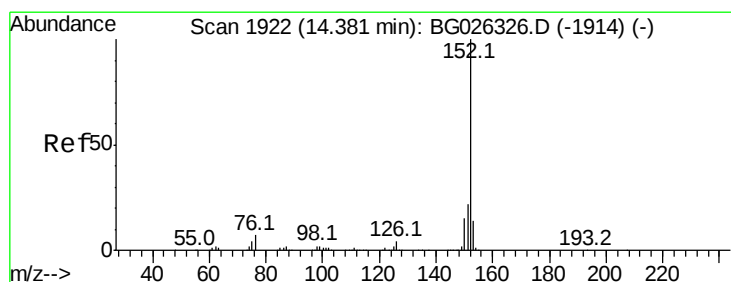
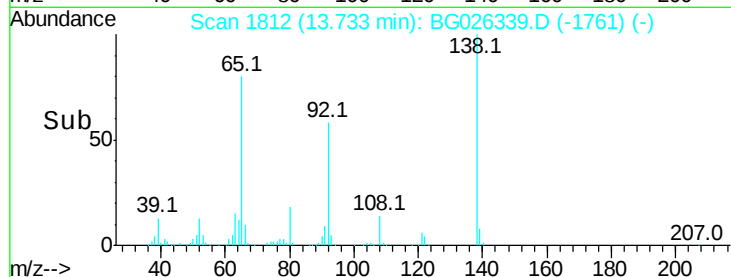
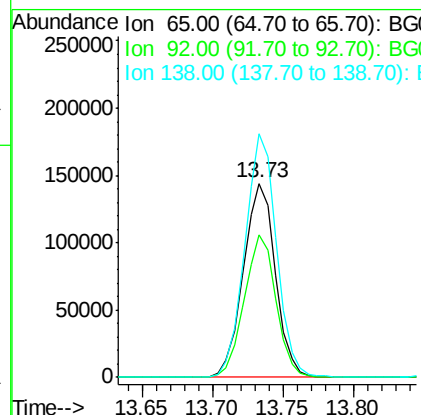
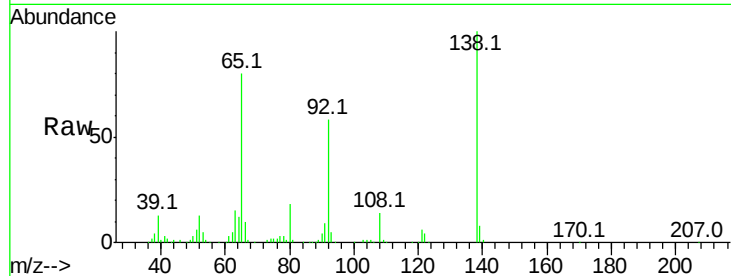
ClientSampleId :

PB97592BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 229031 |       |       |
| 92      | 73.1  | 49.0   | 73.4  |       |
| 138     | 125.4 | 58.6   | 87.8  |       |

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#48

Acenaphthylene

Concen: 43.73 ng

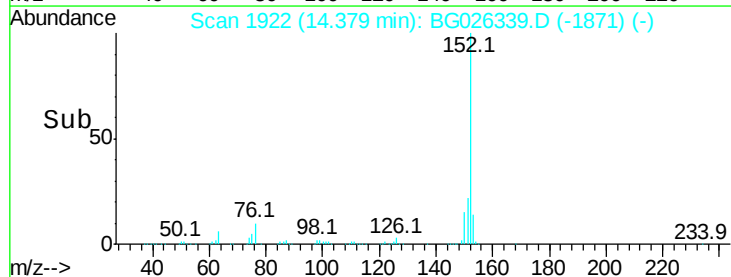
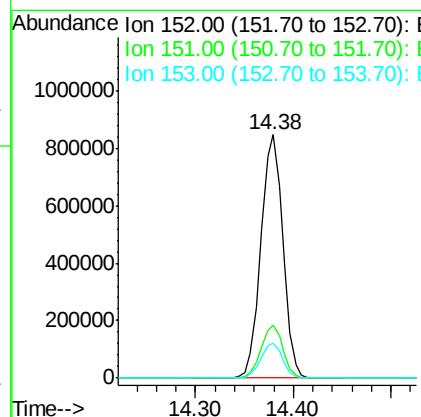
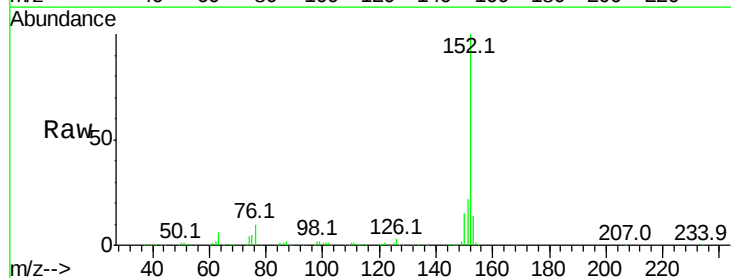
RT: 14.38 min Scan# 1922

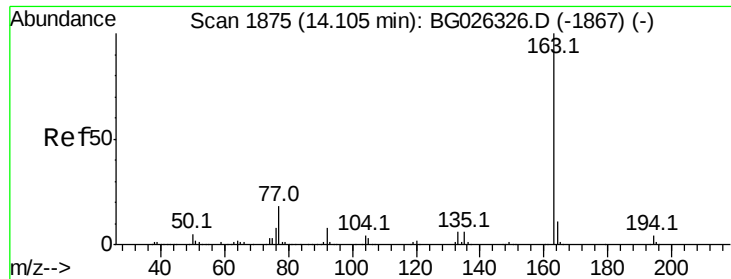
Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 152     | 100   | 1336757 |       |       |
| 151     | 22.0  | 18.2    | 27.2  |       |
| 153     | 14.1  | 11.3    | 16.9  |       |





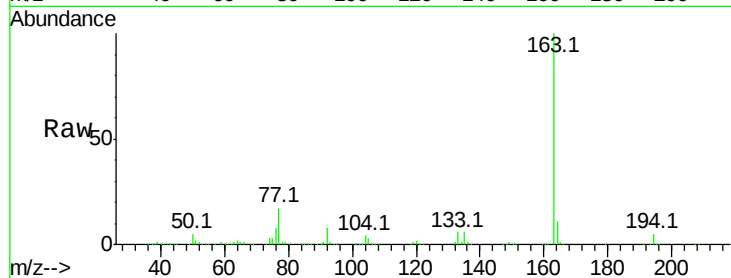
#49  
Dimethylphthalate  
Concen: 48.08 ng  
RT: 14.10 min Scan# 1875  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleId :  
PB97592BS

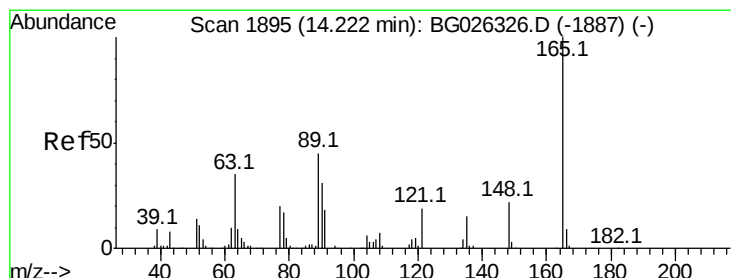
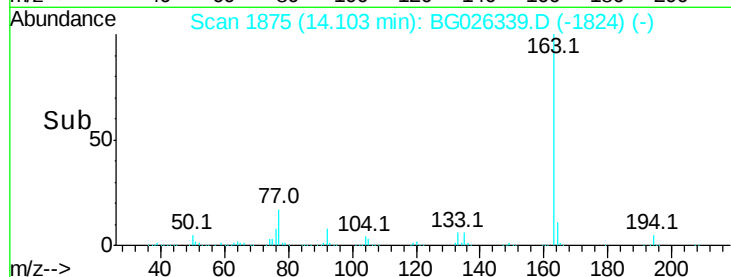
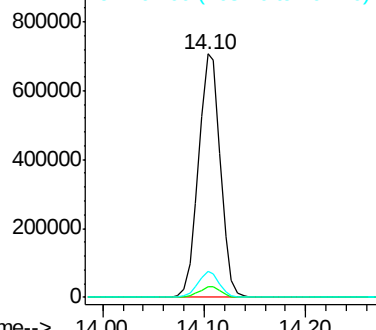
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.5   | 3.8   | 5.6   |
| 164     | 10.6  | 9.3   | 13.9  |

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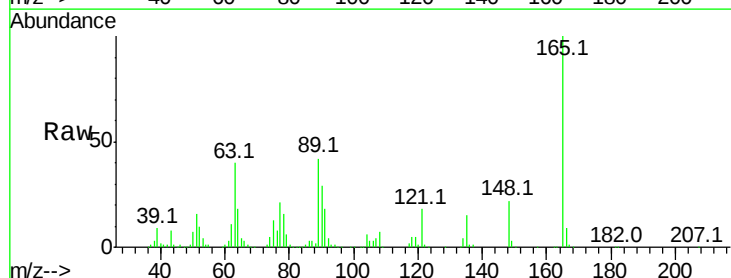


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

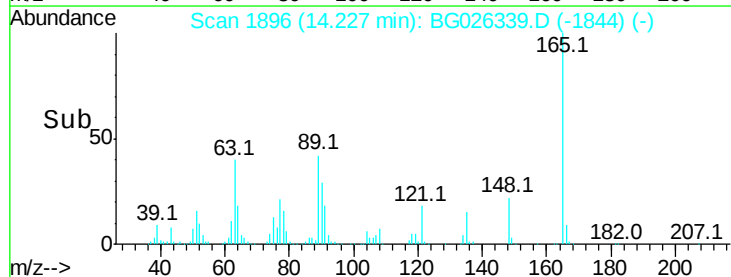
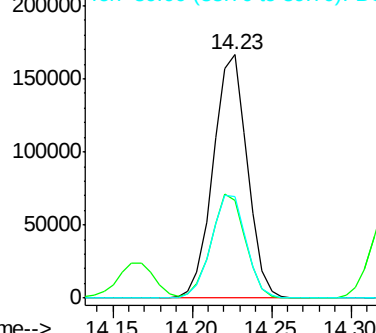


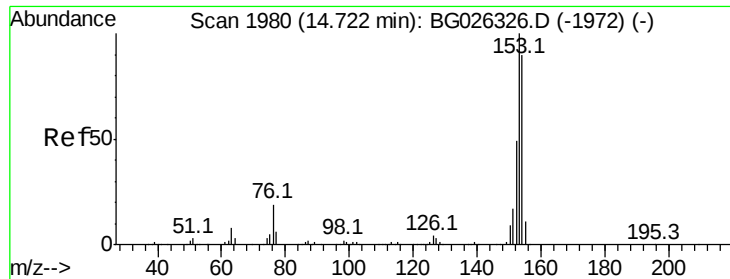
#50  
2,6-Dinitrotoluene  
Concen: 48.72 ng  
RT: 14.23 min Scan# 1896  
Delta R.T. 0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 40.3  | 63.9  | 95.9# |
| 89      | 41.6  | 58.6  | 88.0# |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.47 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA\_G

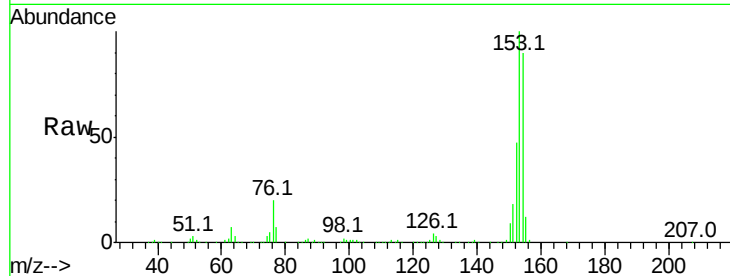
ClientSampleId :

PB97592BS

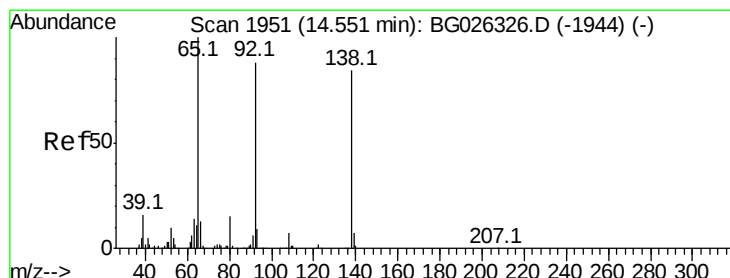
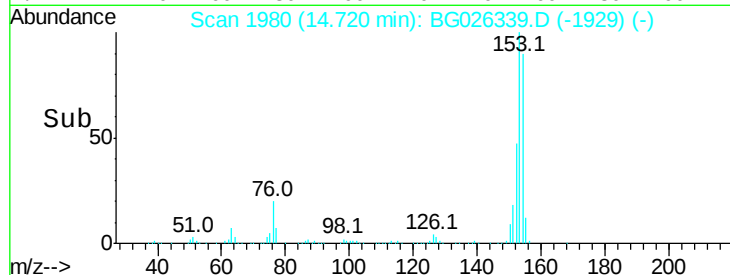
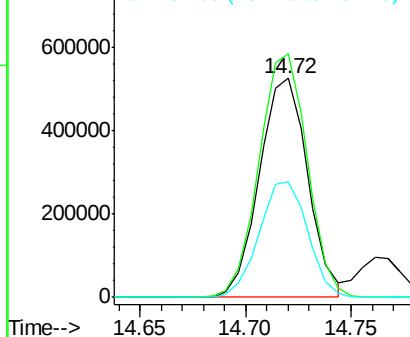
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 837044 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 111.2 | 87.8  | 131.6  |
| 152       | 52.6  | 42.2  | 63.4   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.93 ng

RT: 14.56 min Scan# 1952

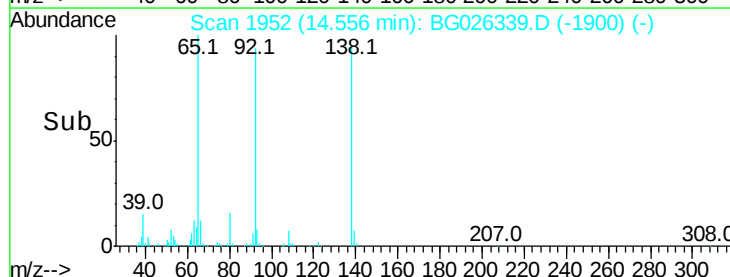
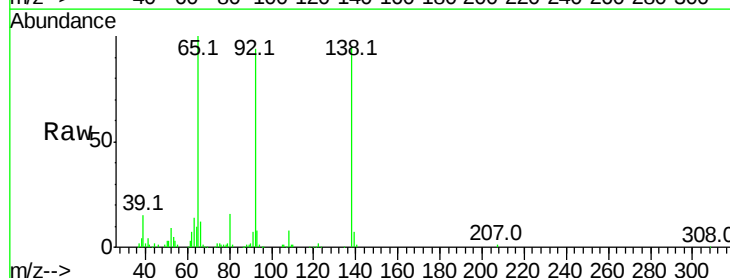
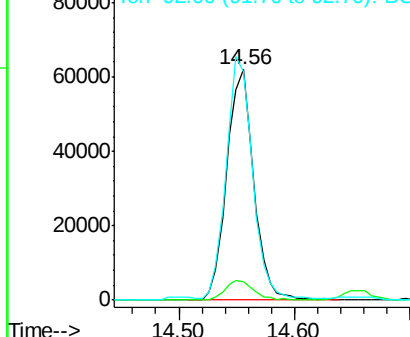
Delta R.T. 0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 100825 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 7.9   | 10.9  | 16.3#  |
| 92        | 99.3  | 115.3 | 172.9# |

Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BG





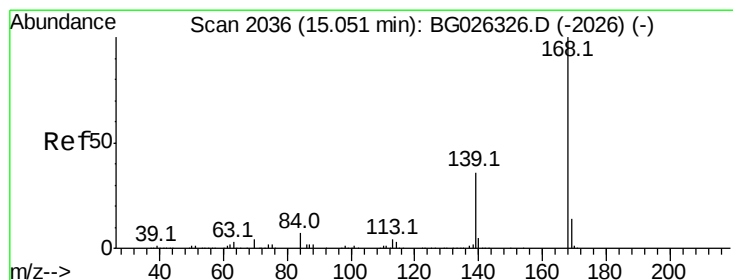
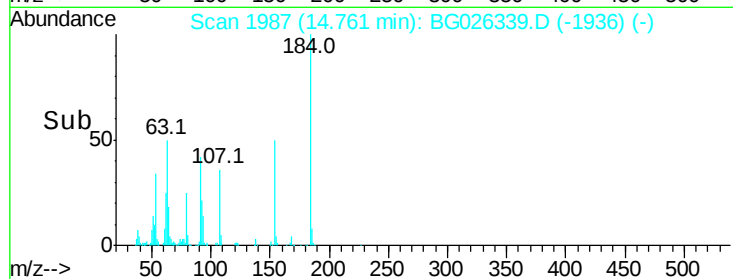
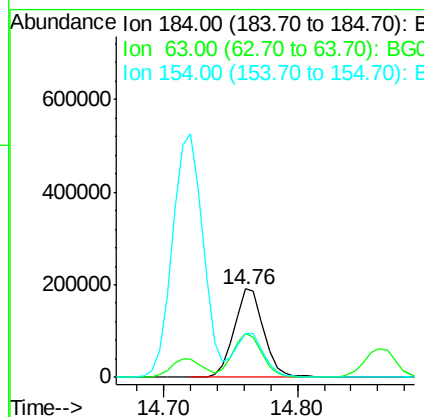
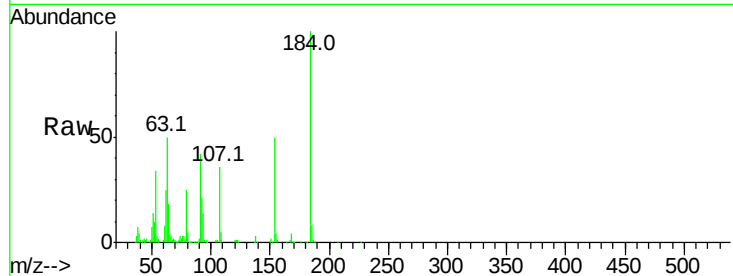
#53  
2,4-Dinitrophenol  
Concen: 100.65 ng  
RT: 14.76 min Scan# 1987  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleId :  
PB97592BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 298163 |       |       |
| 63      | 50.2  |        | 52.7  | 79.1# |
| 154     | 50.2  |        | 57.3  | 85.9# |

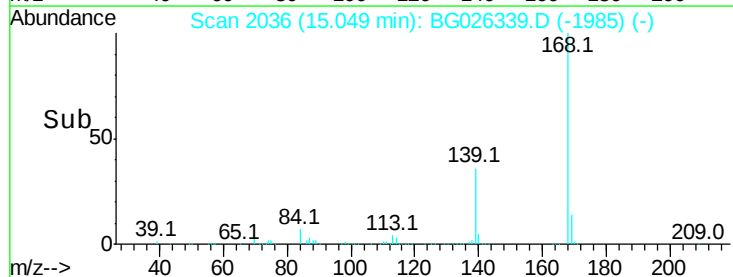
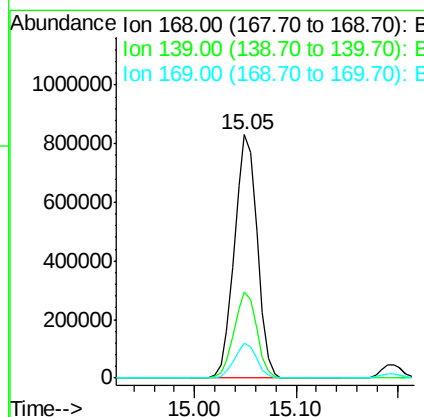
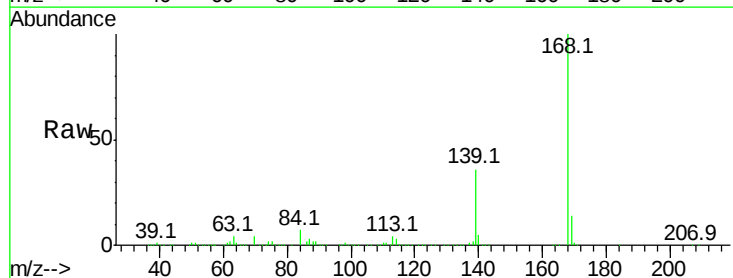
Manual Integrations  
APPROVED

mohammad  
3/21/2017 5:22:21 PM



#54  
Dibenzofuran  
Concen: 48.72 ng  
RT: 15.05 min Scan# 2036  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1291206 |       |       |
| 139     | 35.5  |         | 35.3  | 52.9  |
| 169     | 14.4  |         | 11.5  | 17.3  |





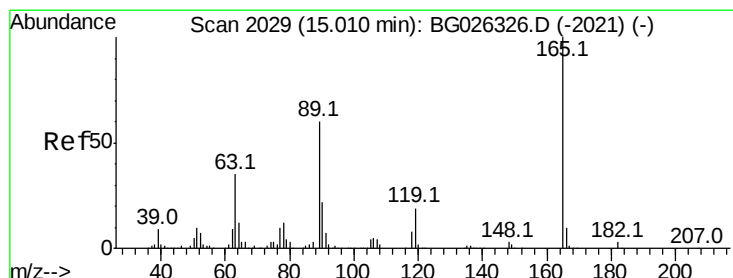
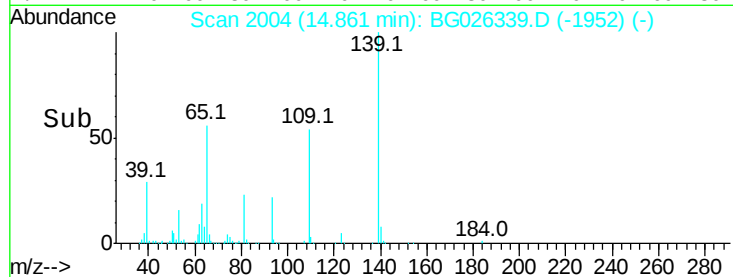
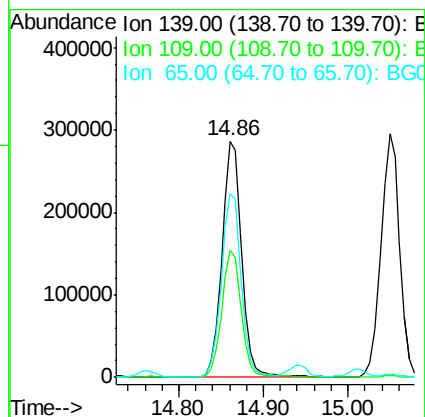
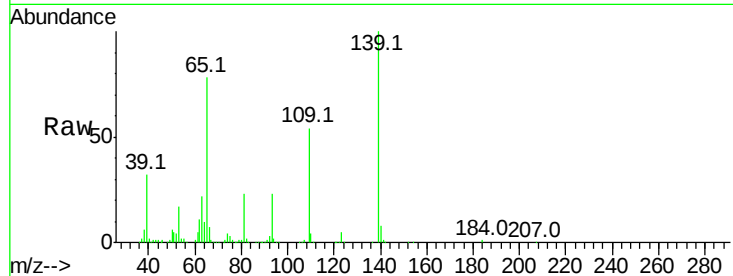
#55  
4-Nitrophenol  
Concen: 101.05 ng  
RT: 14.86 min Scan# 2004  
Delta R.T. 0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleId :  
PB97592BS

| Tot Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 139     | 100   |       |        |       |
| 109     | 53.8  | 101.2 | 141.2# |       |
| 65      | 77.8  | 135.3 | 175.3# |       |

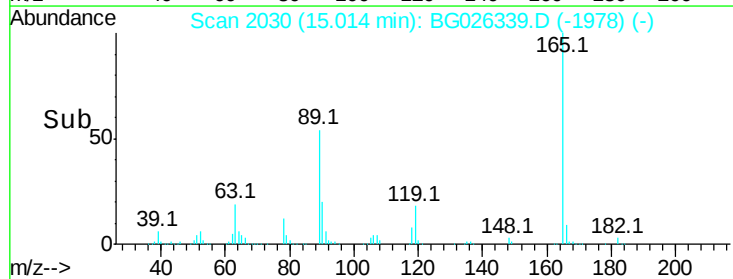
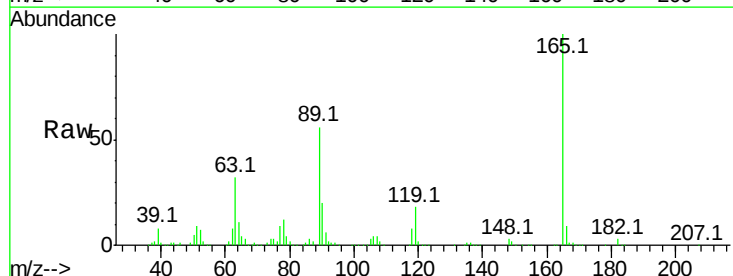
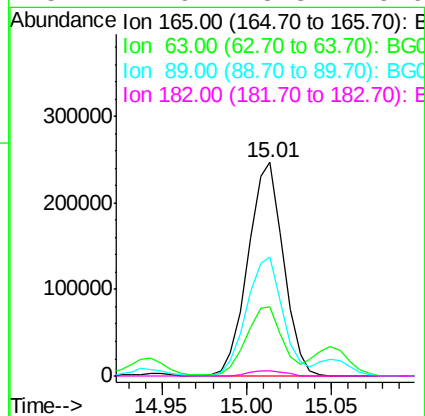
Manual Integrations  
APPROVED

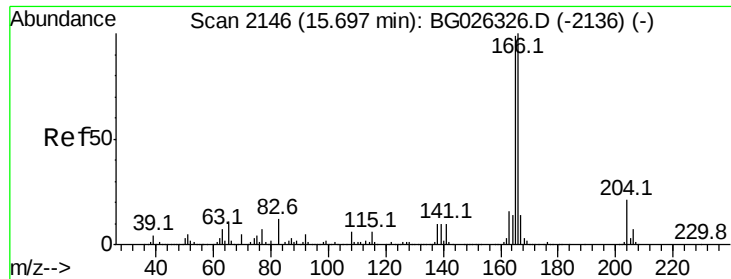
mohammad  
3/21/2017 5:22:21 PM



#56  
2,4-Dinitrotoluene  
Concen: 50.08 ng  
RT: 15.01 min Scan# 2030  
Delta R.T. 0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 165     | 100   |      |        |       |
| 63      | 32.4  | 44.0 | 66.0#  |       |
| 89      | 55.7  | 67.3 | 100.9# |       |
| 182     | 2.6   | 3.8  | 5.6#   |       |





#57

Fluorene

Concen: 45.34 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA\_G

ClientSampleId :

PB97592BS

Tot Ion:166 Resp: 1069375

Ion Ratio Lower Upper

166 100

165 97.9 78.6 117.8

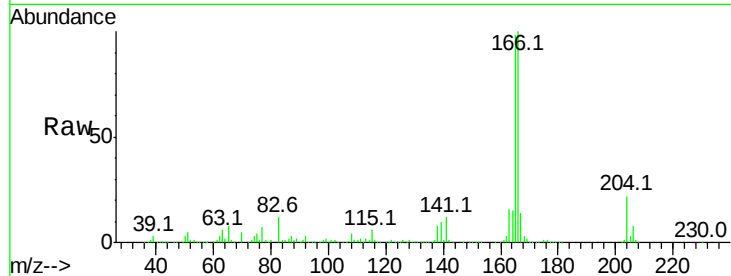
167 14.3 11.6 17.4

Manual Integrations

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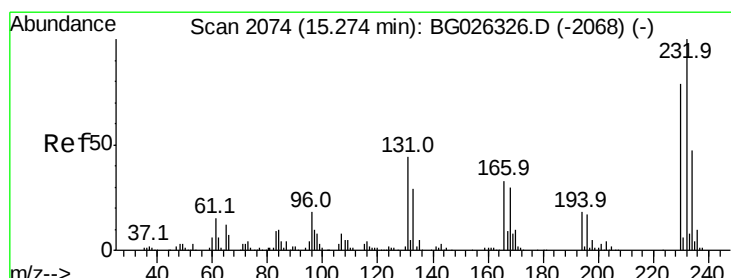
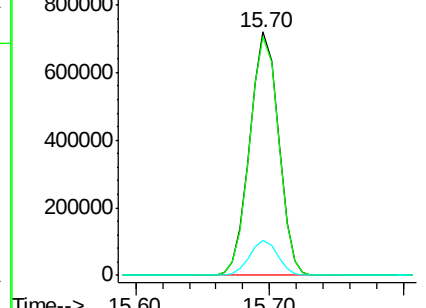
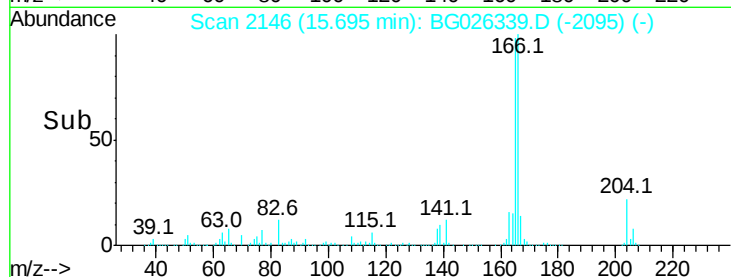
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.08 ng

RT: 15.28 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Tgt Ion:232 Resp: 292231

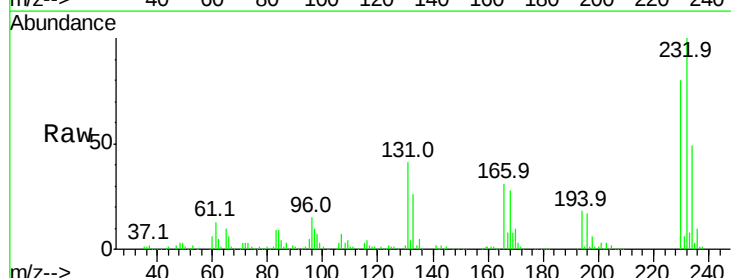
Ion Ratio Lower Upper

232 100

131 41.4 34.9 52.3

130 2.2 2.3 3.5#

166 30.5 24.2 36.4

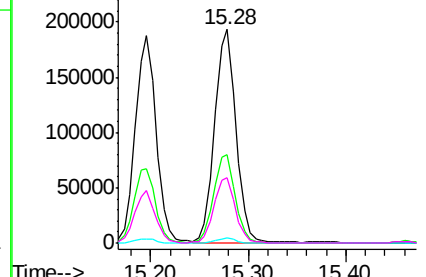
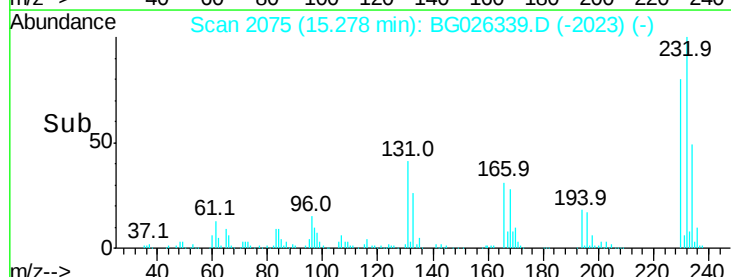


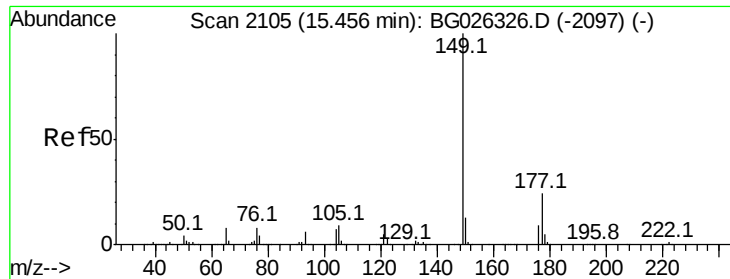
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





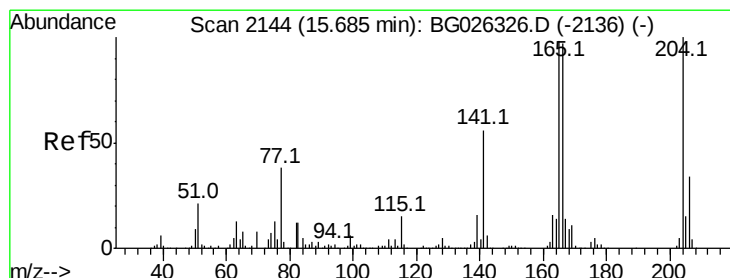
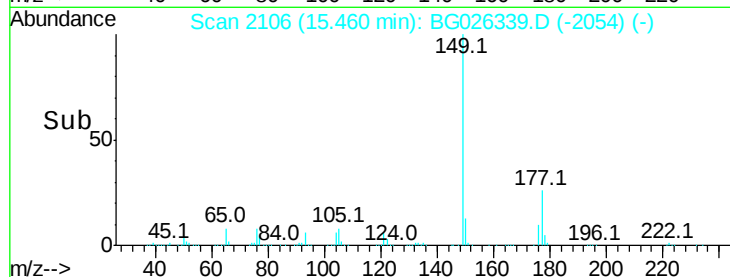
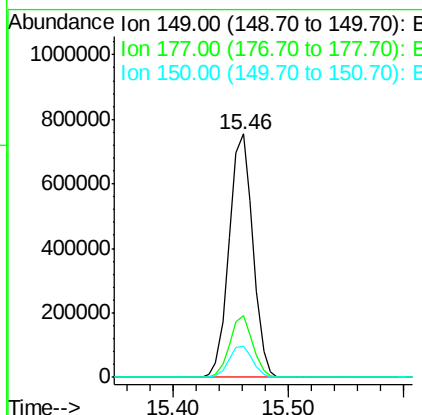
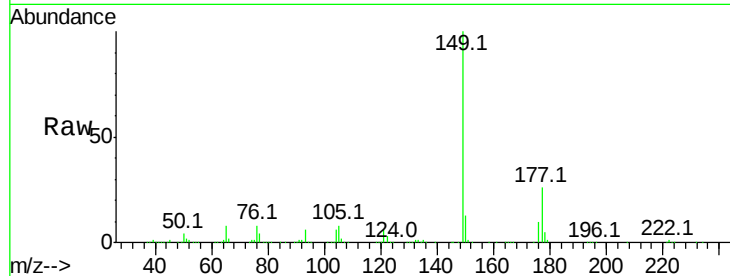
#59  
Diethylphthalate  
Concen: 47.79 ng  
RT: 15.46 min Scan# 2106  
Delta R.T. 0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampled :  
PB97592BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 25.6  | 20.1  | 30.1  |
| 150     | 13.0  | 10.2  | 15.2  |

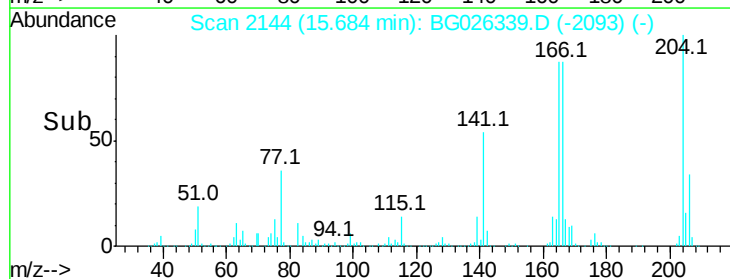
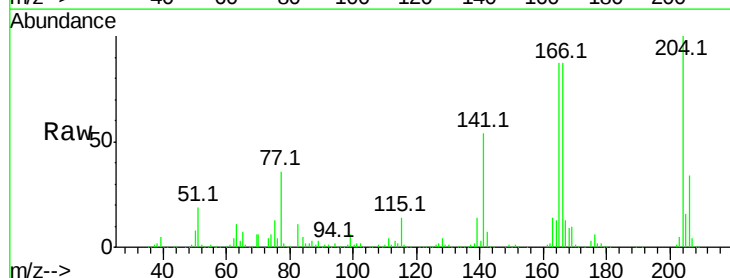
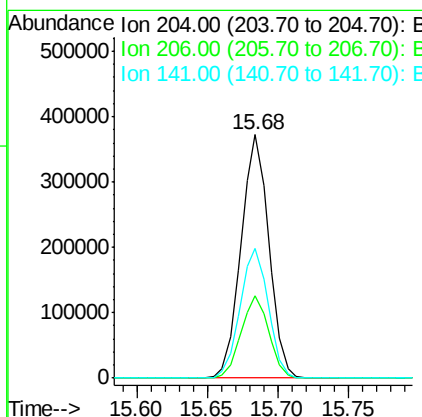
Manual Integrations  
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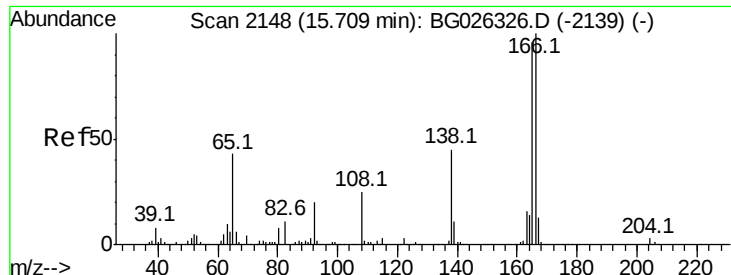
mohammad  
3/21/2017 5:22:21 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 45.84 ng  
RT: 15.68 min Scan# 2144  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.0  | 30.1  | 45.1  |
| 141     | 53.5  | 50.6  | 76.0  |





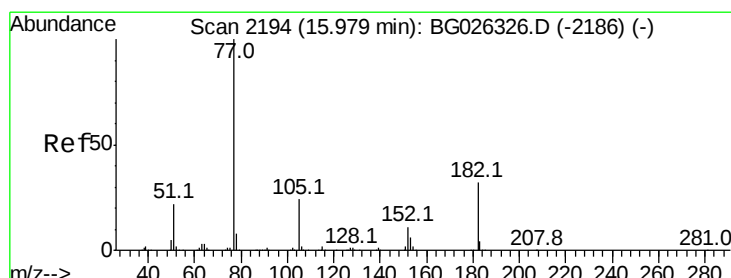
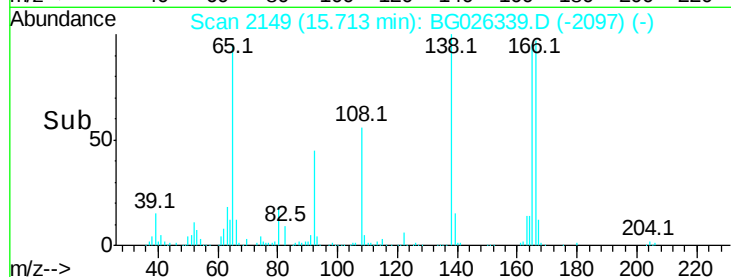
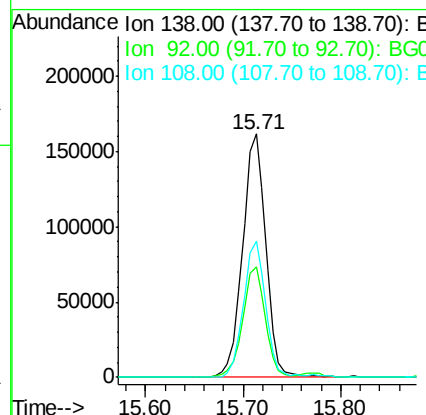
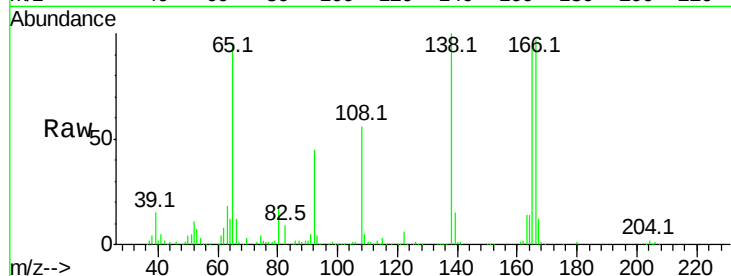
#61  
4-Nitroaniline  
Concen: 45.13 ng  
RT: 15.71 min Scan# 2149  
Delta R.T. 0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleId :  
PB97592BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 92      | 45.3  | 44.2  | 84.2   |
| 108     | 55.7  | 104.8 | 144.8# |

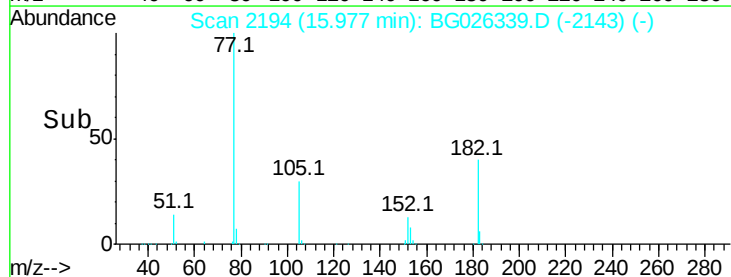
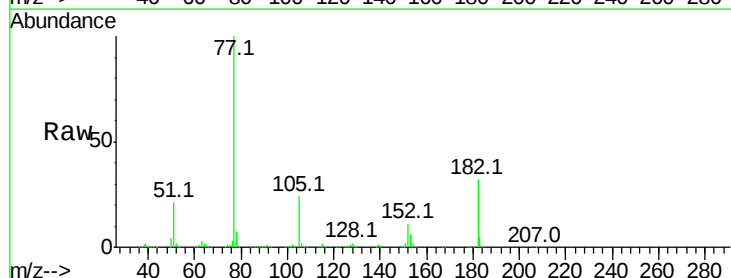
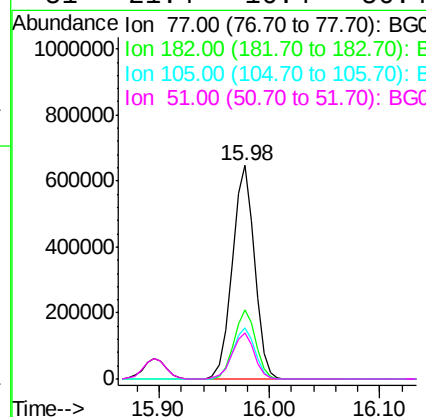
Manual Integrations  
APPROVED

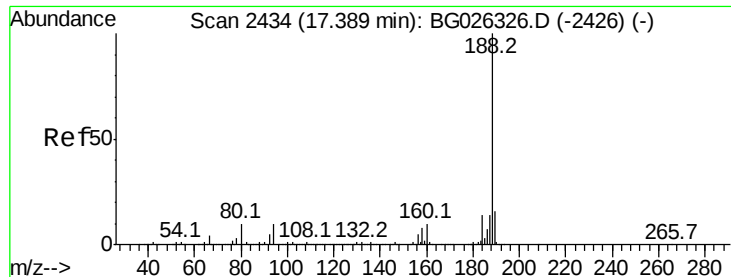
mohammad  
3/21/2017 5:22:21 PM



#62  
Azobenzene  
Concen: 49.99 ng  
RT: 15.98 min Scan# 2194  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 32.2  | 4.7   | 44.7  |
| 105     | 24.2  | 0.0   | 36.3  |
| 51      | 21.4  | 16.4  | 56.4  |





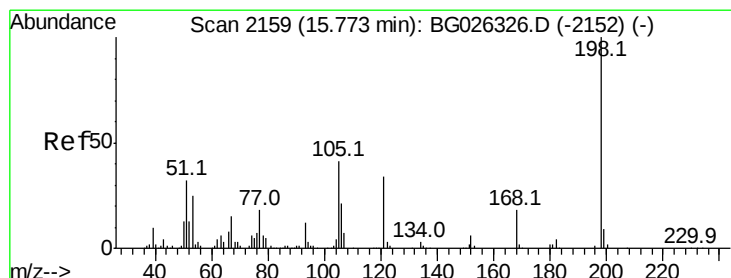
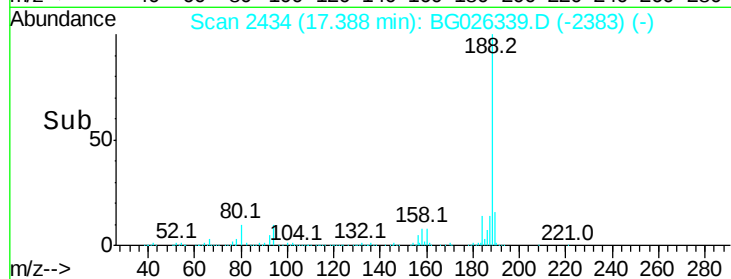
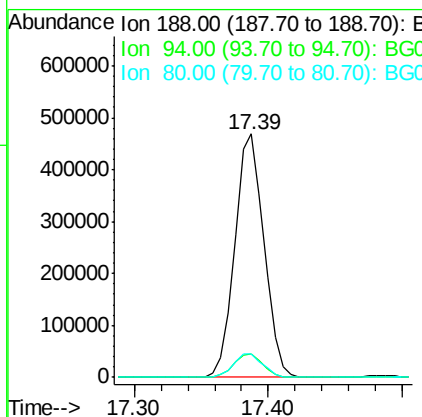
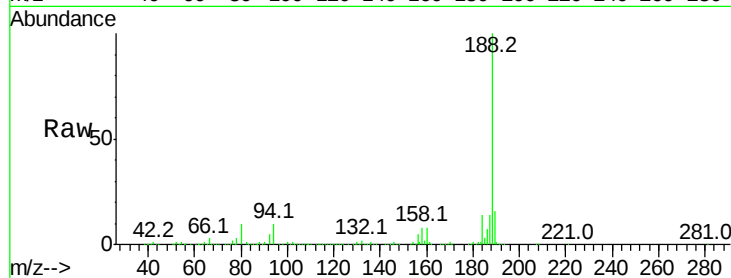
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.39 min Scan# 2434  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleId :  
PB97592BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 708648 |       |       |
| 94      | 9.6   | 5.8    | 8.8#  |       |
| 80      | 9.6   | 7.5    | 11.3  |       |

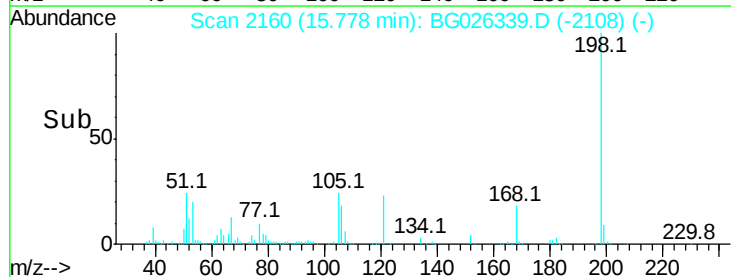
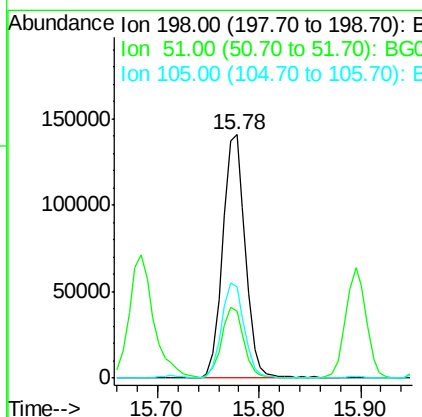
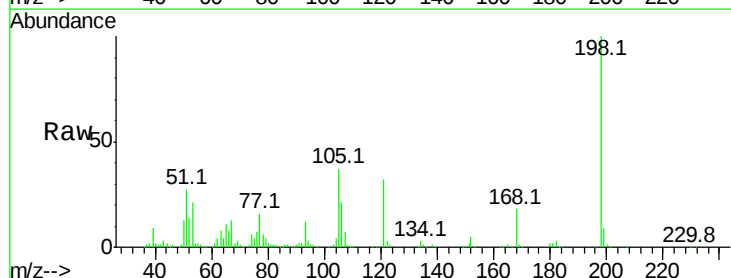
Manual Integrations  
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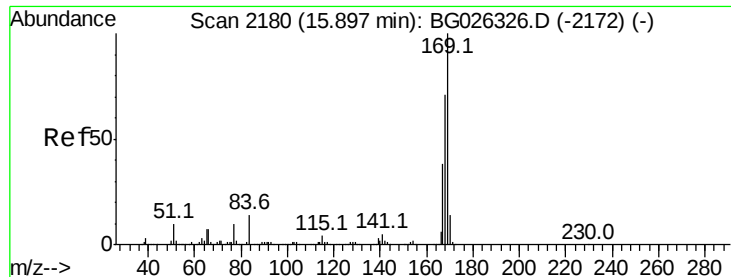
mohammad  
3/21/2017 5:22:21 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 48.55 ng  
RT: 15.78 min Scan# 2160  
Delta R.T. 0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 216890 |       |       |
| 51      | 27.3  | 22.6   | 62.6  |       |
| 105     | 37.5  | 14.4   | 54.4  |       |





#65

n-Nitrosodiphenylamine

Concen: 46.05 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA\_G

ClientSampleId :

PB97592BS

Tot Ion:169 Resp: 957664

Ion Ratio Lower Upper

169 100

168 70.7 55.7 83.5

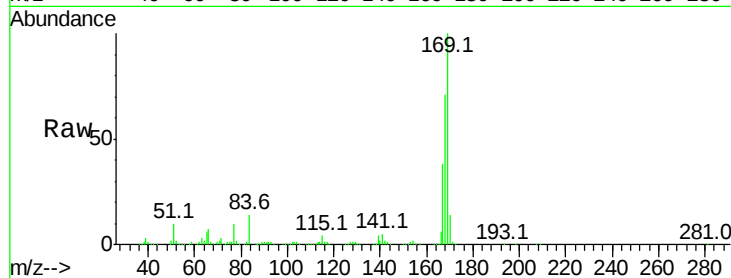
167 38.5 29.8 44.6

Manual Integrations

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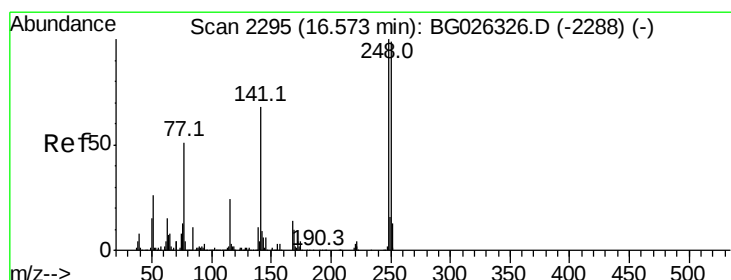
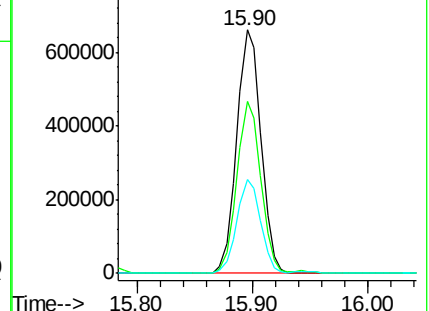
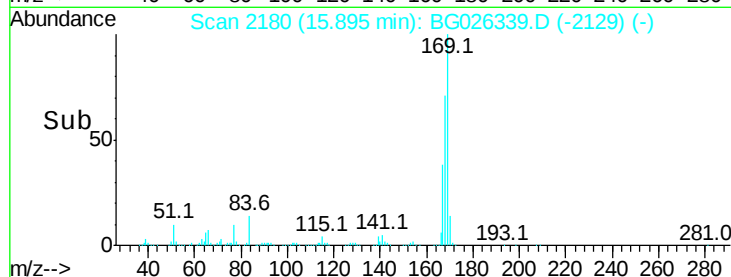
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.30 ng

RT: 16.58 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

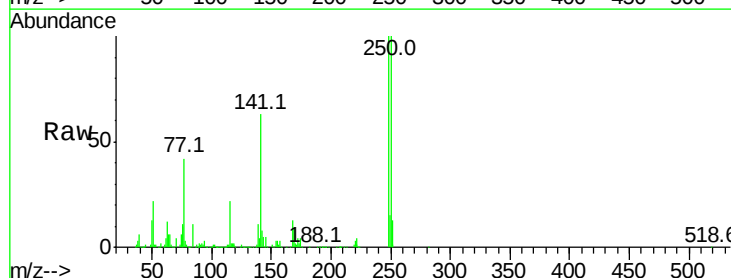
Tgt Ion:248 Resp: 337688

Ion Ratio Lower Upper

248 100

250 100.3 75.0 112.6

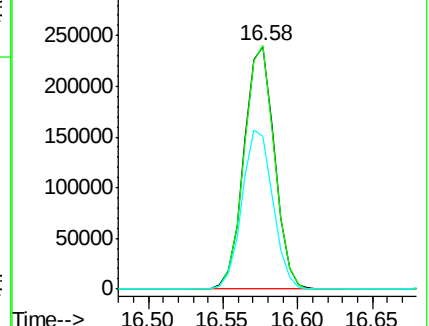
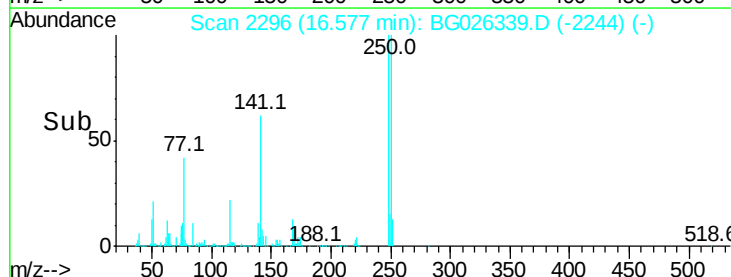
141 62.9 55.2 82.8

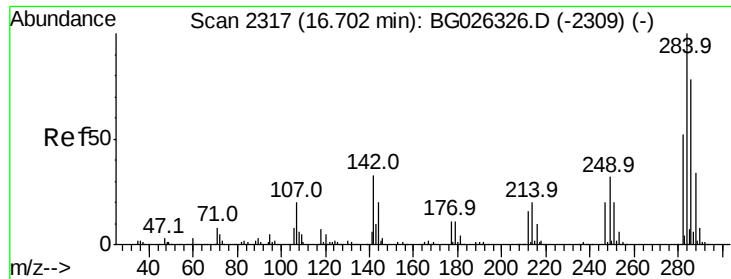


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.69 ng

RT: 16.70 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA\_G

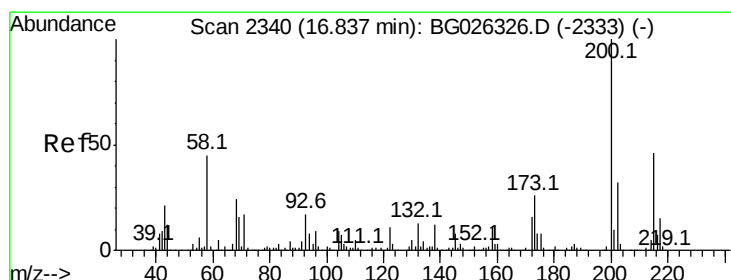
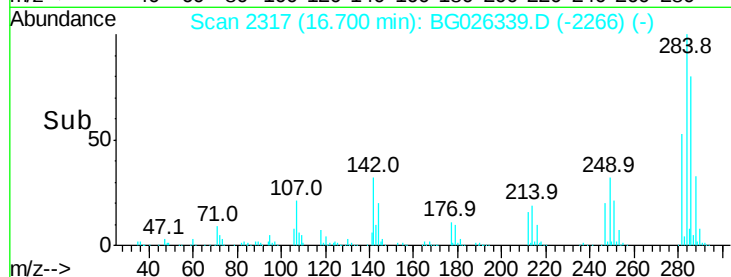
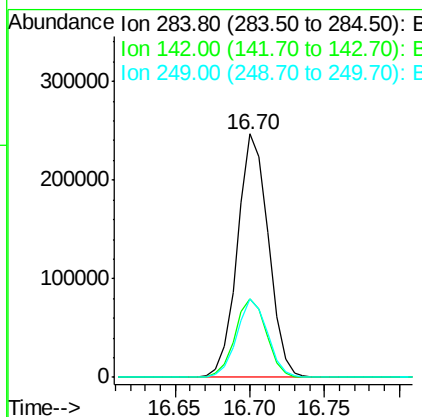
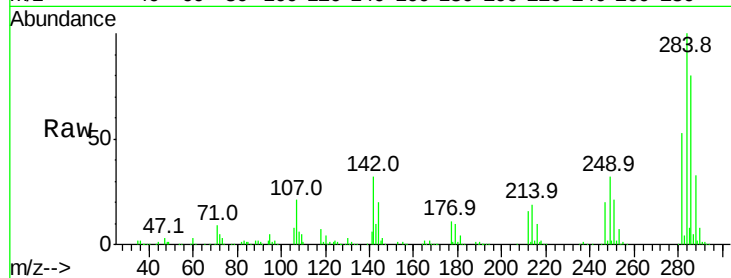
ClientSampleId :

PB97592BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 355508 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 32.1  | 29.9  | 44.9   |
| 249       | 32.4  | 29.2  | 43.8   |

Manual Integrations  
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3/21/2017 5:22:21 PM



#68

Atrazine

Concen: 45.31 ng

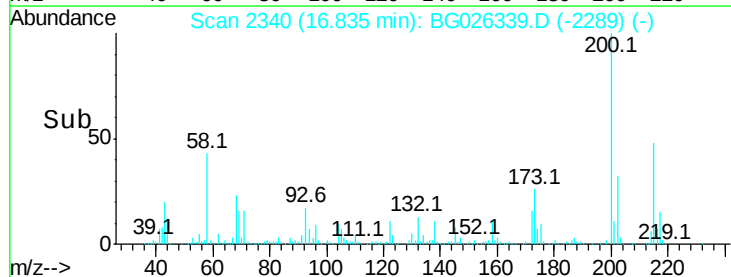
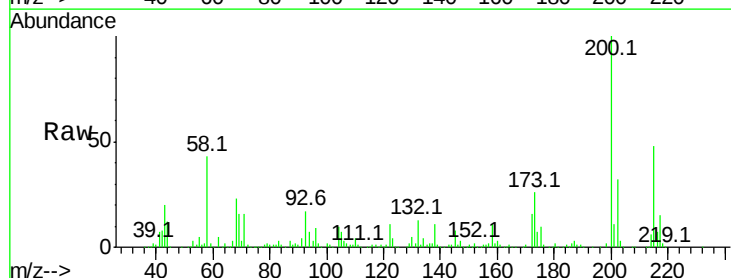
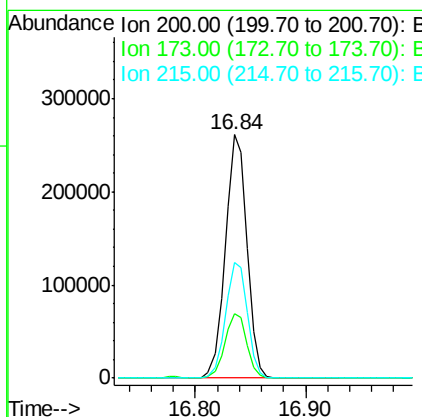
RT: 16.84 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 356757 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 26.2  | 3.0   | 43.0   |
| 215       | 47.6  | 28.4  | 68.4   |





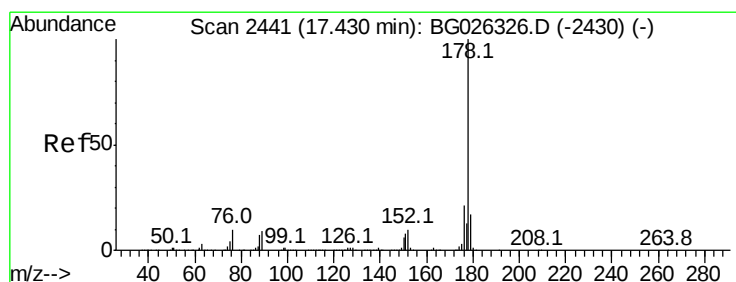
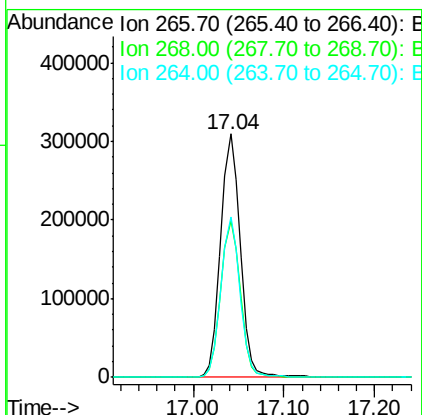
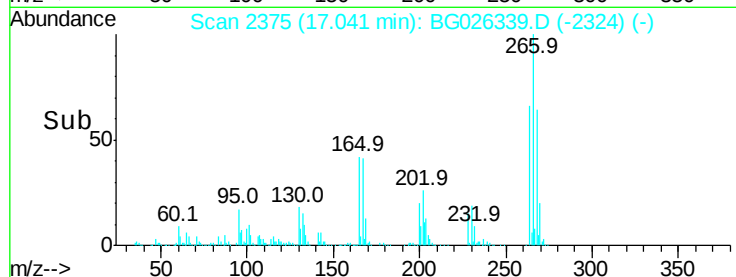
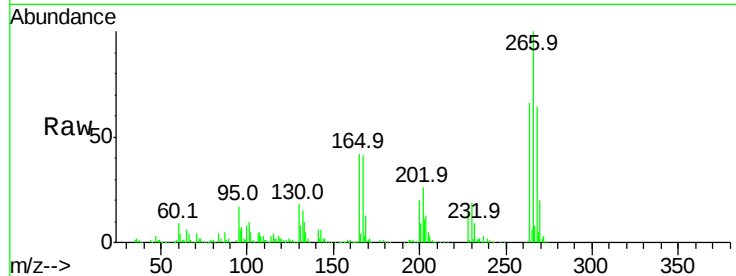
#69  
 Pentachlorophenol  
 Concen: 92.43 ng  
 RT: 17.04 min Scan# 2375  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97592BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 266     | 100   |      |       |       |
| 268     | 64.1  | 48.6 | 72.8  |       |
| 264     | 65.8  | 50.1 | 75.1  |       |

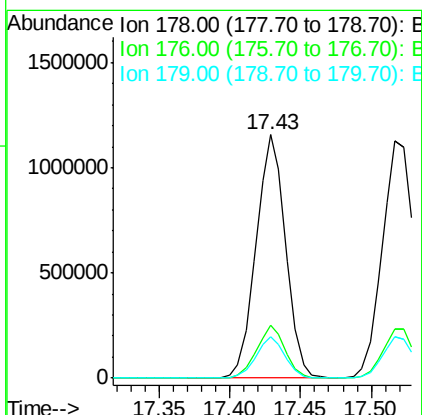
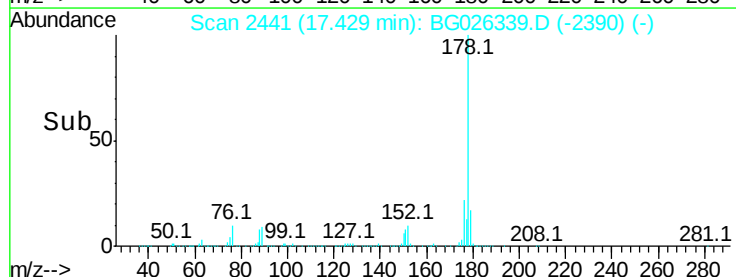
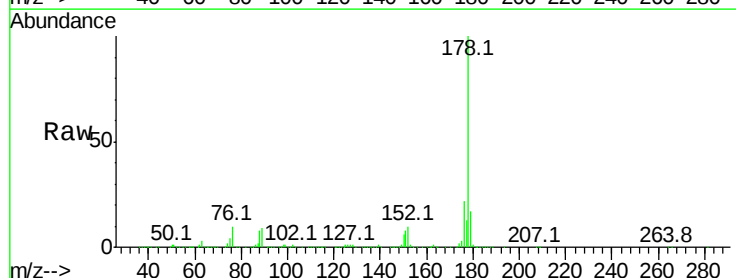
Manual Integrations  
 APPROVED

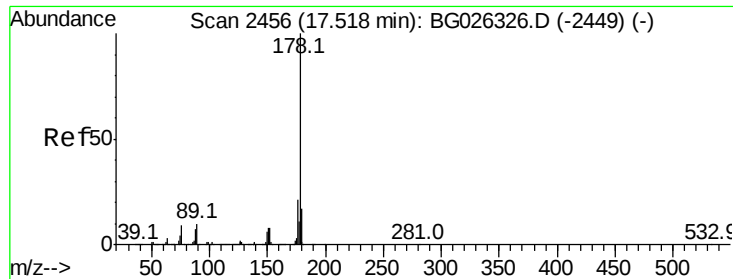
mohammad  
 3/21/2017 5:22:21 PM



#70  
 Phenanthrene  
 Concen: 44.81 ng  
 RT: 17.43 min Scan# 2441  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 178     | 100   |      |       |       |
| 176     | 21.9  | 17.7 | 26.5  |       |
| 179     | 17.2  | 15.0 | 22.6  |       |





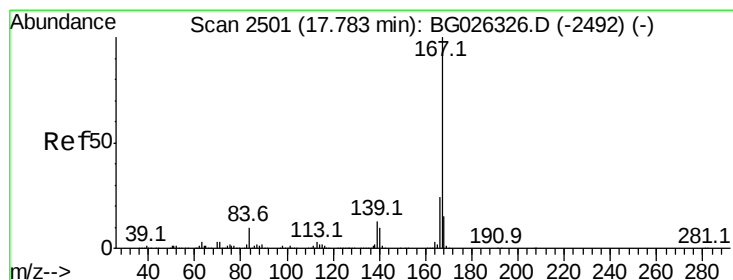
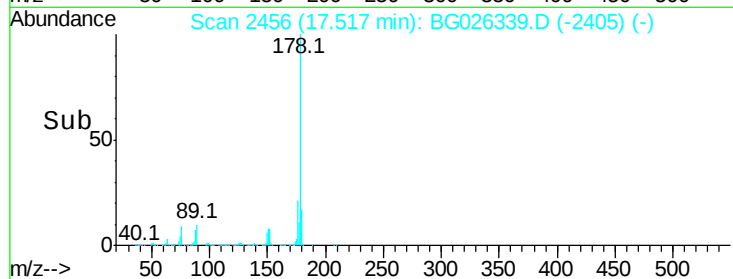
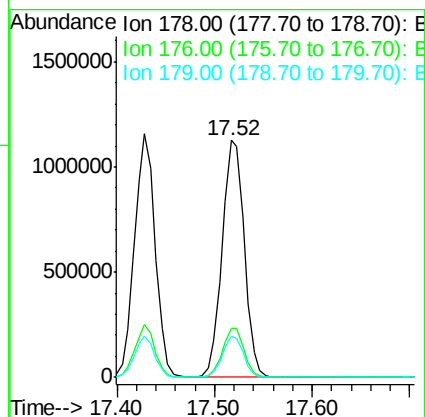
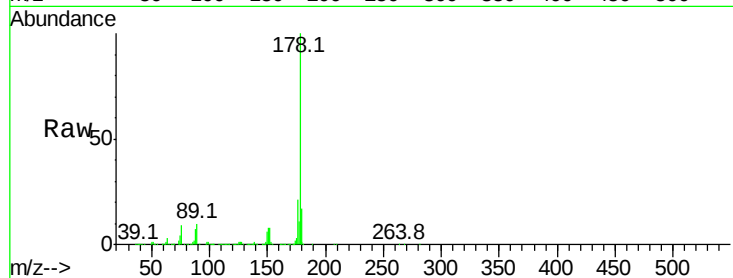
#71  
 Anthracene  
 Concen: 45.52 ng  
 RT: 17.52 min Scan# 2456  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97592BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.8  | 16.4  | 24.6  |
| 179     | 17.4  | 13.8  | 20.8  |

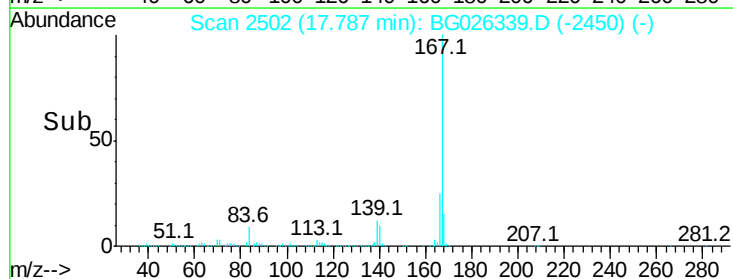
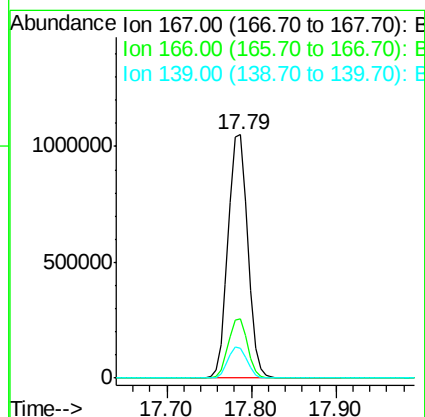
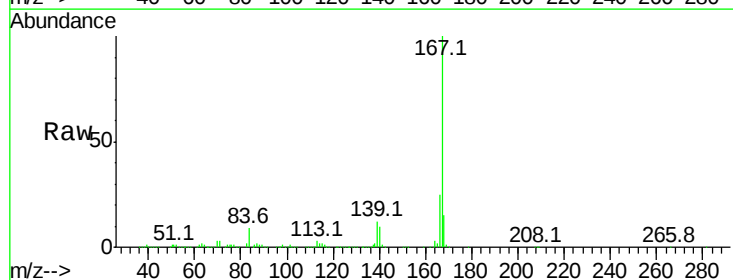
Manual Integrations  
 APPROVED

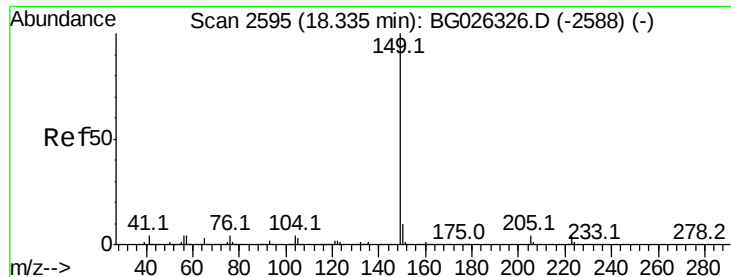
mohammad  
 3/21/2017 5:22:21 PM



#72  
 Carbazole  
 Concen: 42.37 ng  
 RT: 17.79 min Scan# 2502  
 Delta R.T. 0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.5  | 20.2  | 30.2  |
| 139     | 12.4  | 12.8  | 19.2# |





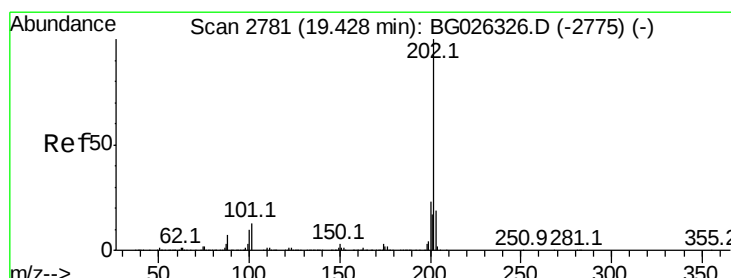
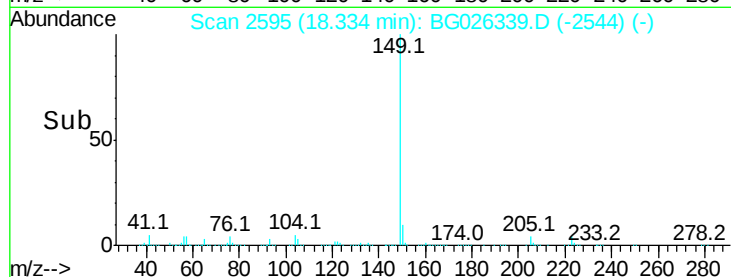
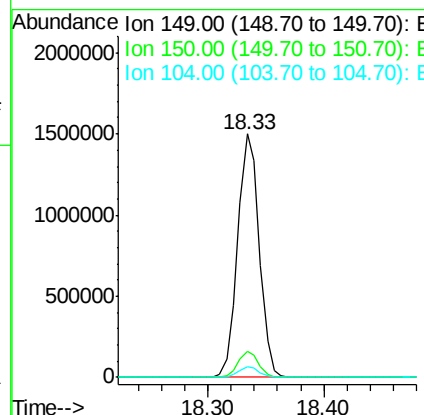
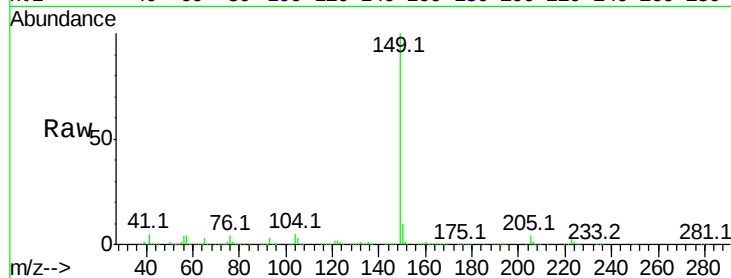
#73  
Di-n-butylphthalate  
Concen: 46.96 ng  
RT: 18.33 min Scan# 2595  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleId :  
PB97592BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.5  | 9.1   | 13.7  |
| 104     | 4.6   | 6.7   | 10.1  |

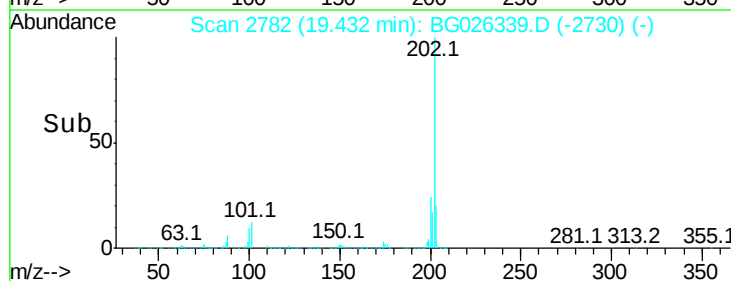
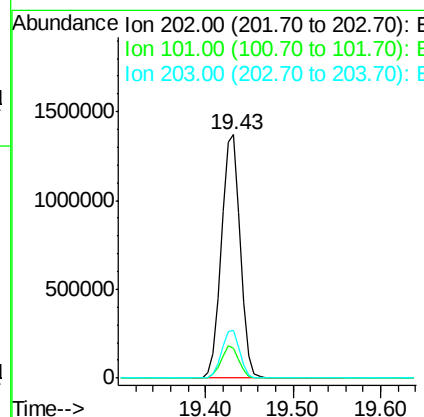
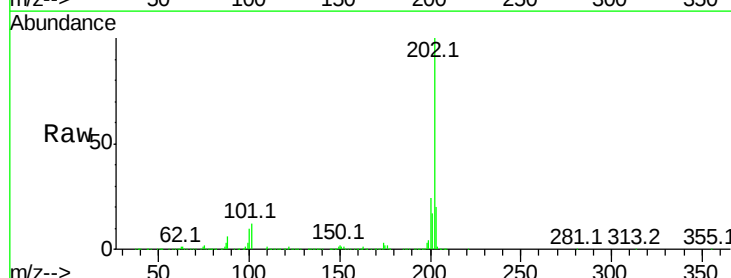
Manual Integrations  
APPROVED

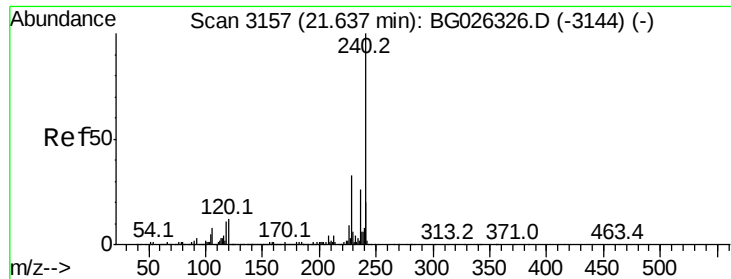
mohammad  
3/21/2017 5:22:21 PM



#74  
Fluoranthene  
Concen: 45.63 ng  
RT: 19.43 min Scan# 2782  
Delta R.T. 0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.5  | 0.0   | 30.1  |
| 203     | 19.8  | 1.3   | 41.3  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA\_G

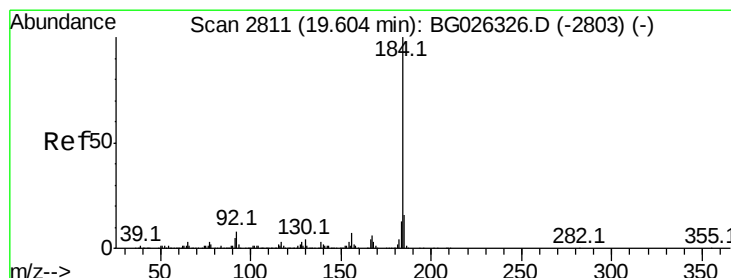
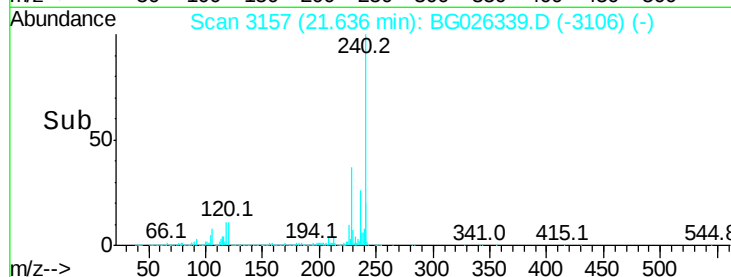
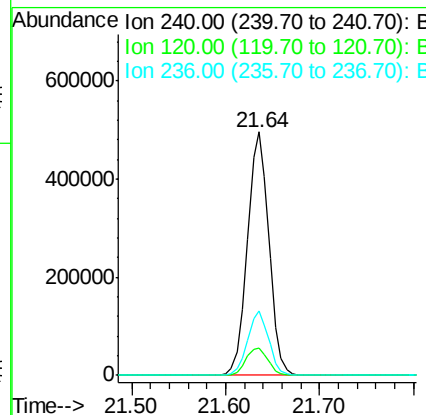
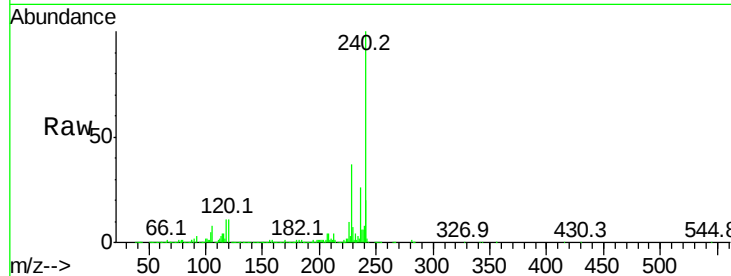
ClientSampleId :

PB97592BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.4  | 5.7   | 8.5#  |
| 236     | 26.2  | 22.2  | 33.4  |

Manual Integrations  
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#76

Benzidine

Concen: 17.30 ng

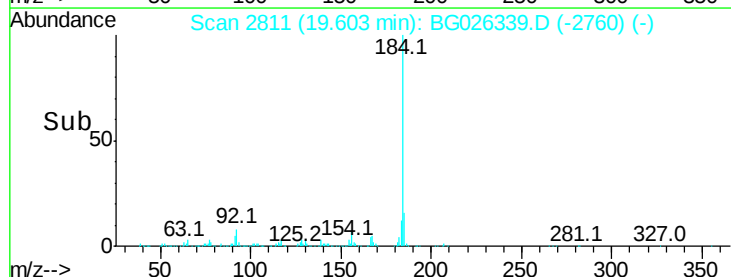
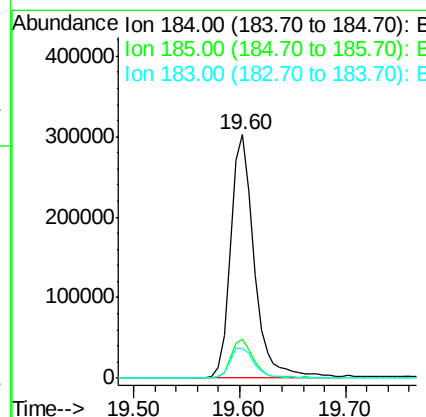
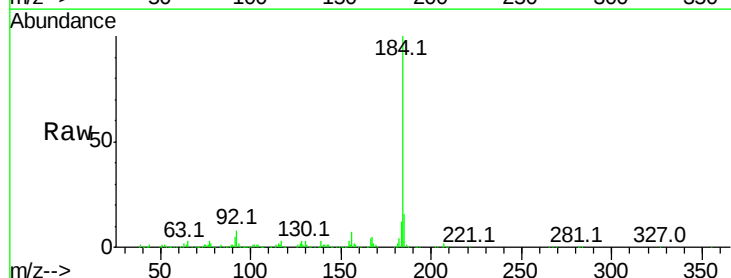
RT: 19.60 min Scan# 2811

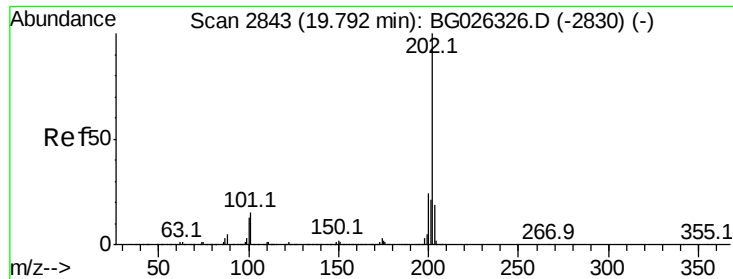
Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.0  | 13.0  | 19.6  |
| 183     | 12.4  | 11.0  | 16.6  |





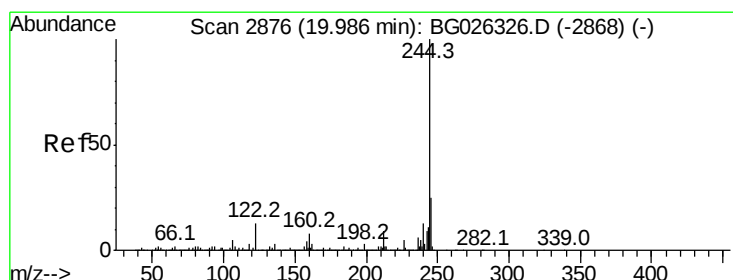
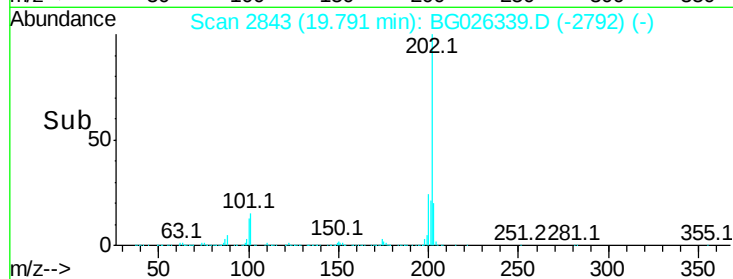
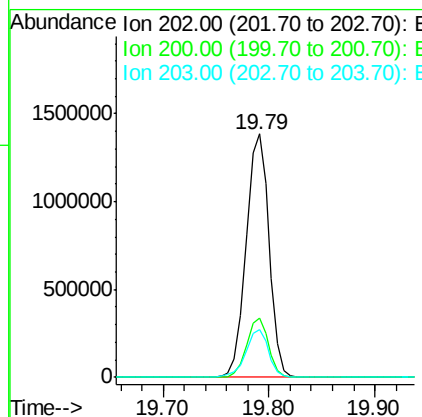
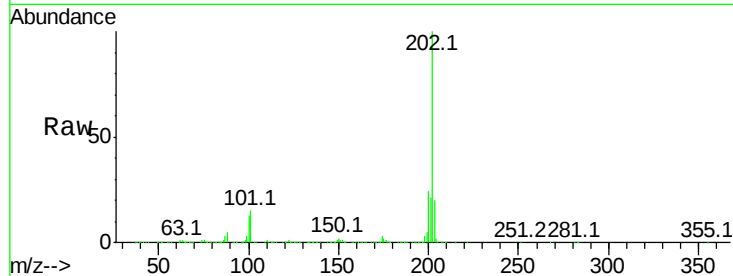
#77  
Pvrene  
Concen: 45.87 ng  
RT: 19.79 min Scan# 2843  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleId :  
PB97592BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 24.3  | 19.6  | 29.4  |
| 203     | 19.8  | 15.8  | 23.8  |

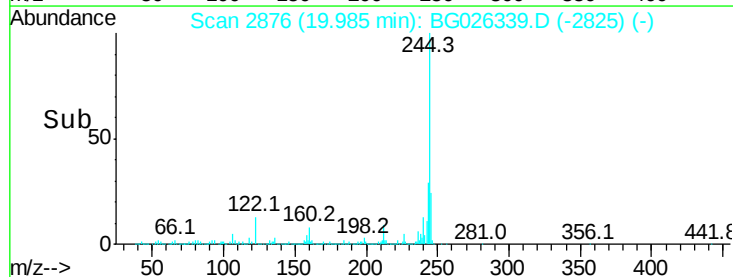
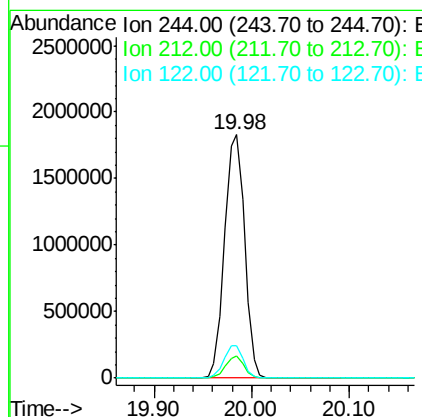
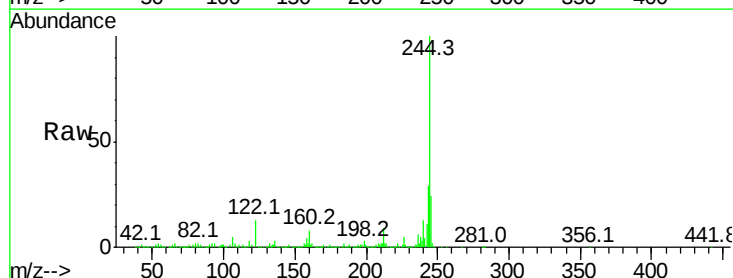
Manual Integrations  
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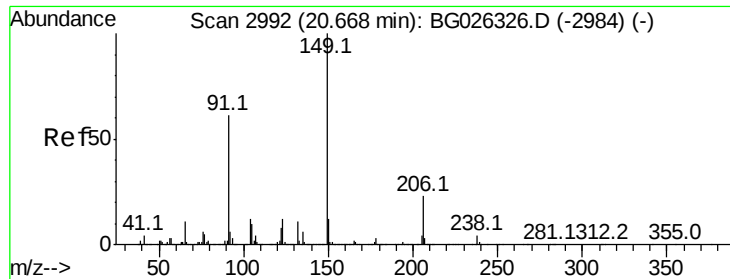
mohammad  
3/21/2017 5:22:21 PM



#78  
Terphenyl-d14  
Concen: 81.14 ng  
RT: 19.98 min Scan# 2876  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.9   | 10.0  | 15.0# |
| 122     | 13.4  | 8.6   | 12.8# |





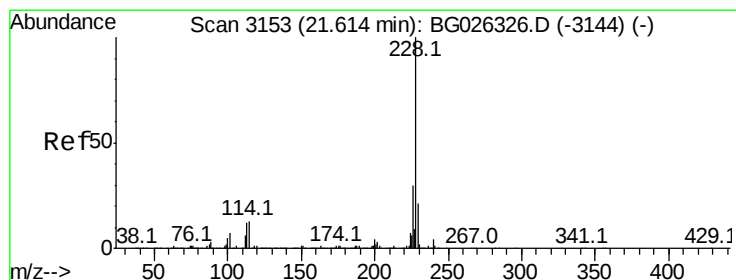
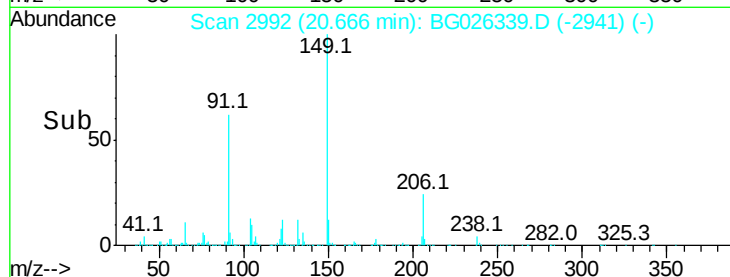
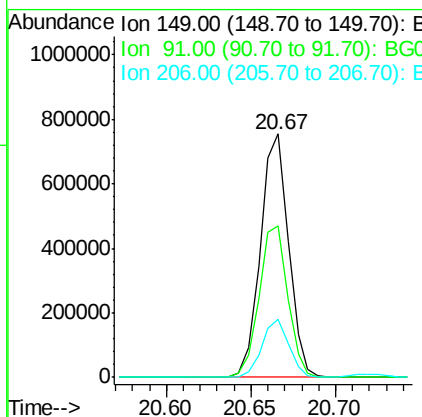
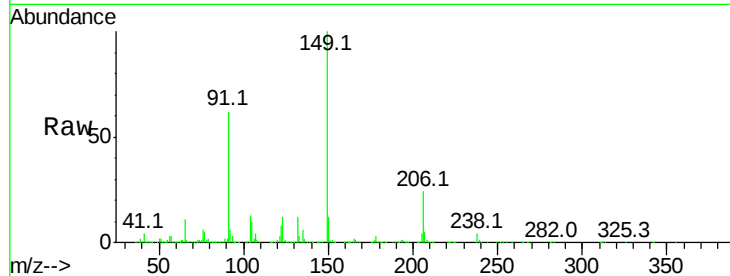
#79  
Butylbenzylphthalate  
Concen: 48.07 ng  
RT: 20.67 min Scan# 2992  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleID :  
PB97592BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 62.1  | 63.5  | 95.3# |
| 206     | 23.6  | 21.0  | 31.6  |

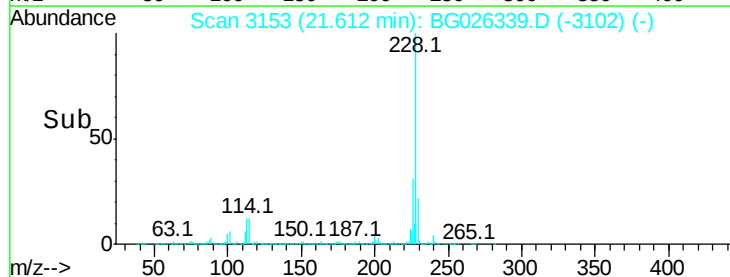
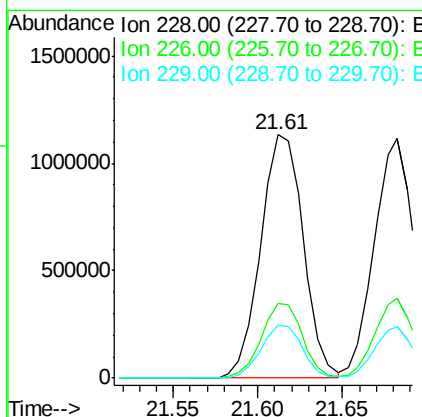
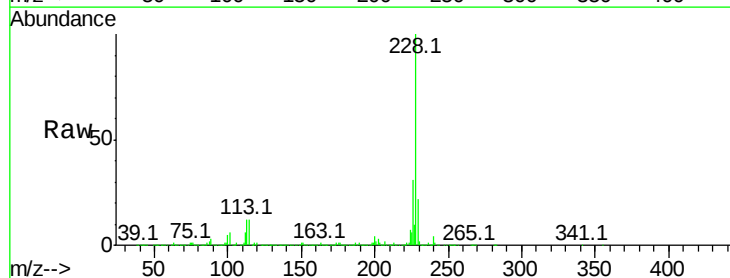
Manual Integrations  
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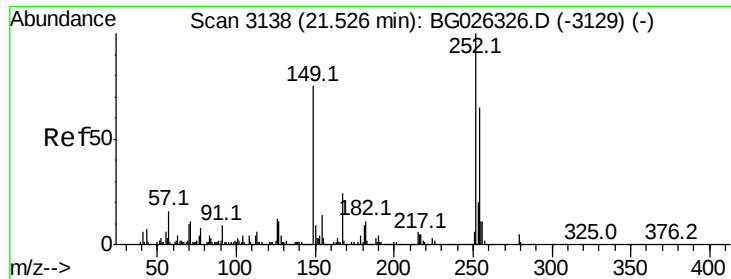
mohammad  
3/21/2017 5:22:21 PM



#80  
Benzo(a)anthracene  
Concen: 45.14 ng  
RT: 21.61 min Scan# 3153  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.6  | 24.9  | 37.3  |
| 229     | 21.5  | 18.2  | 27.2  |





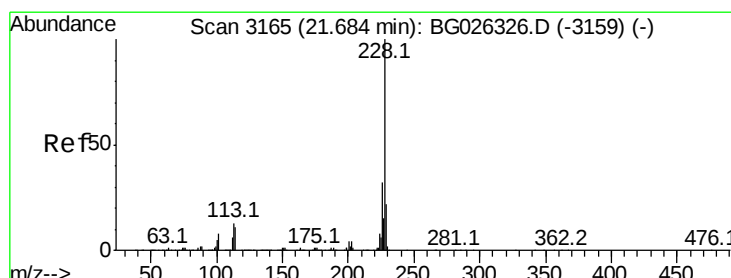
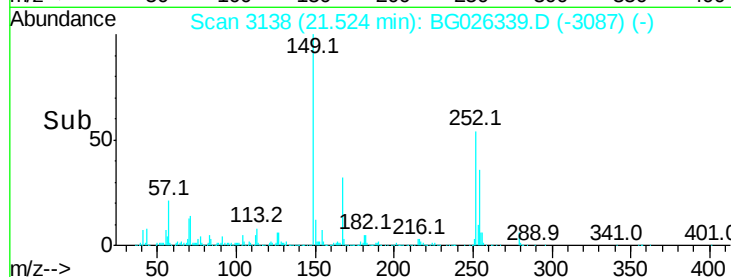
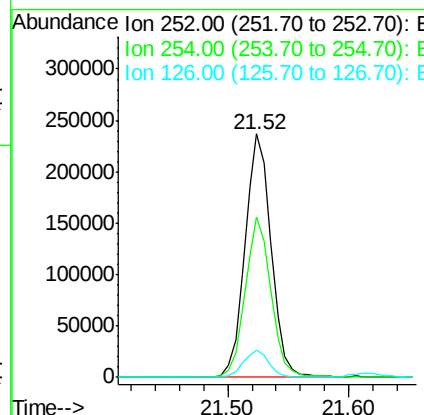
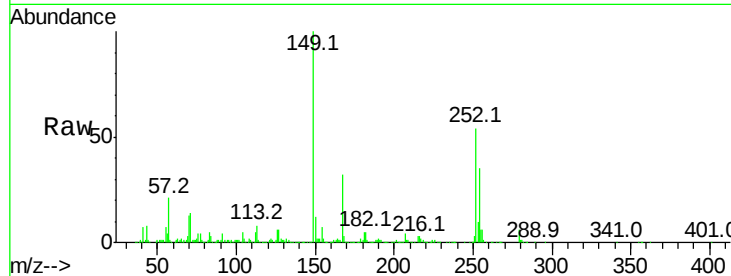
#81  
 3,3'-Dichlorobenzidine  
 Concen: 19.87 ng  
 RT: 21.52 min Scan# 3138  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97592BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.0  | 53.1  | 79.7  |
| 126     | 11.2  | 7.0   | 10.4  |

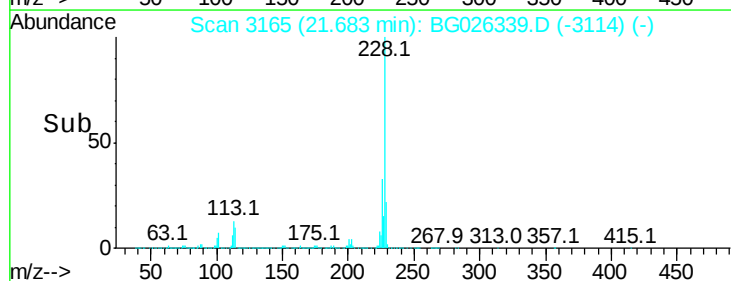
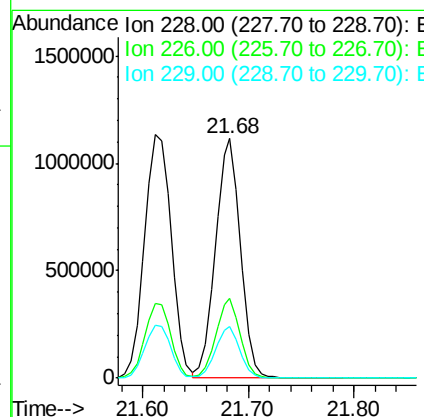
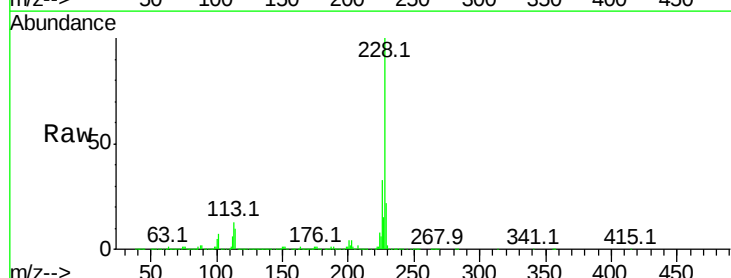
Manual Integrations  
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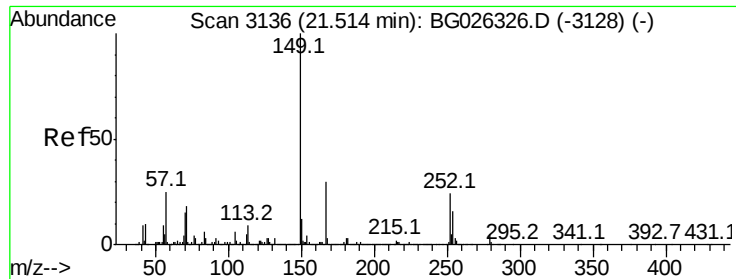
mohammad  
 3/21/2017 5:22:21 PM



#82  
 Chrysene  
 Concen: 43.71 ng  
 RT: 21.68 min Scan# 3165  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 33.1  | 27.0  | 40.4  |
| 229     | 21.7  | 17.8  | 26.6  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.28 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

Instrument :

BNA\_G

ClientSampleId :

PB97592BS

Tot Ion:149 Resp: 1266414

Ion Ratio Lower Upper

149 100

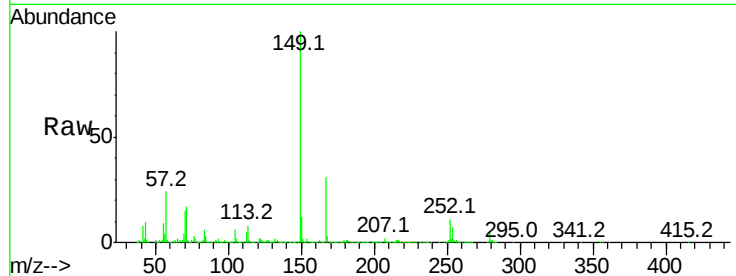
167 31.2 23.7 35.5

279 4.9 4.6 6.8

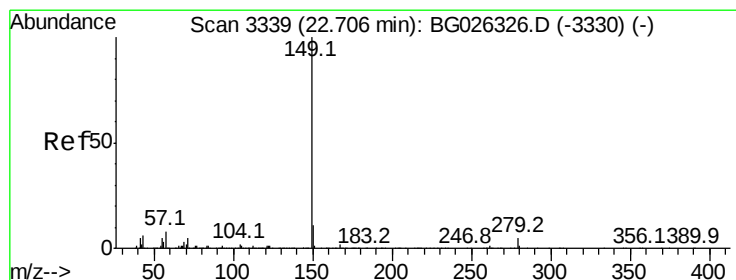
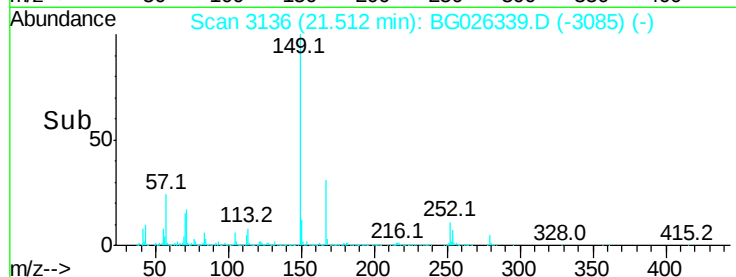
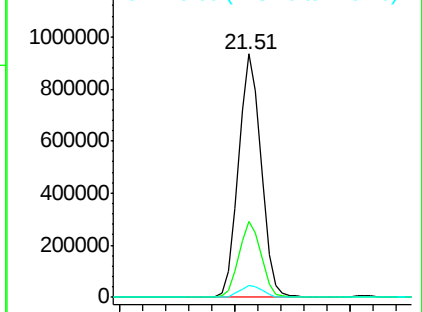
Manual Integrations  
APPROVED

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3/21/2017 5:22:21 PM



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.26 ng

RT: 22.70 min Scan# 3339

Delta R.T. -0.00 min

Lab File: BG026339.D

Acq: 20 Mar 2017 23:02

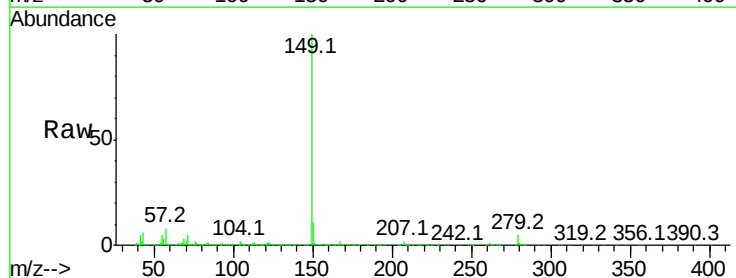
Tgt Ion:149 Resp: 2207032

Ion Ratio Lower Upper

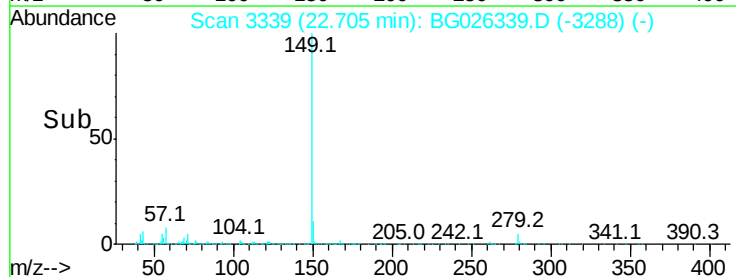
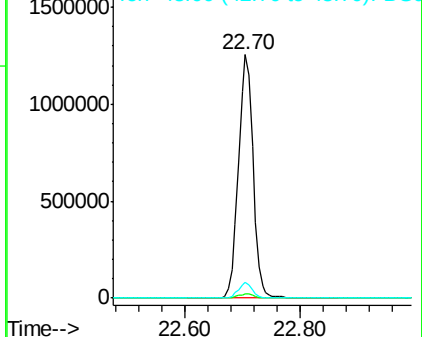
149 100

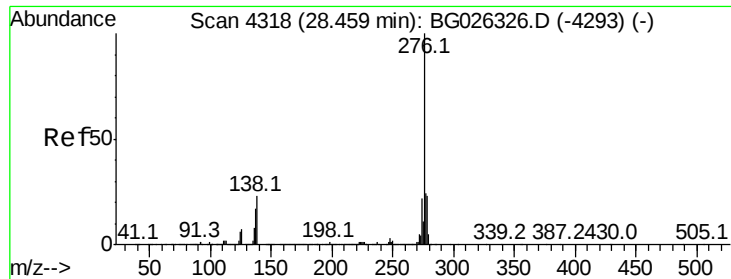
167 1.7 1.4 2.2

43 6.0 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGO





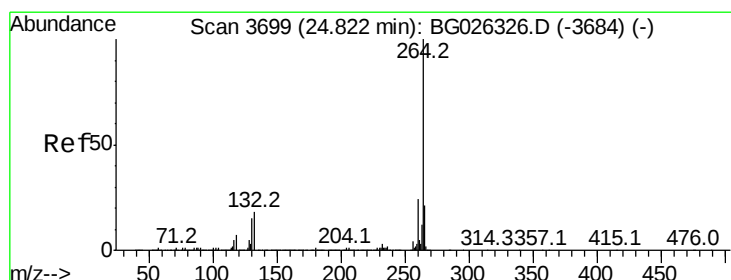
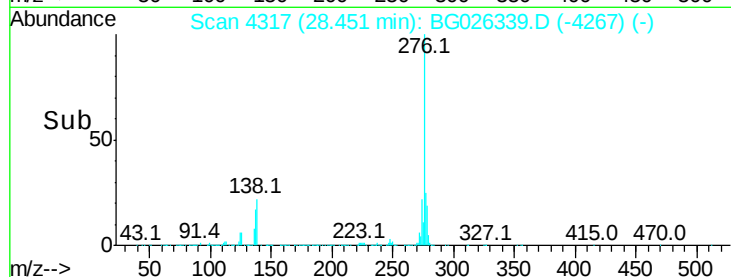
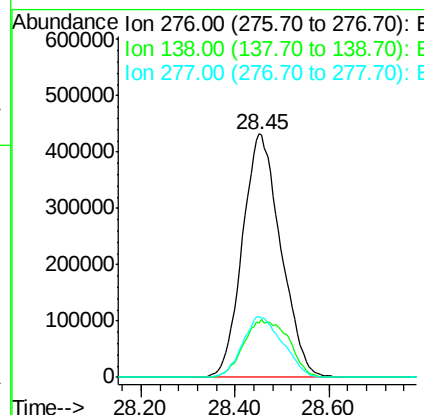
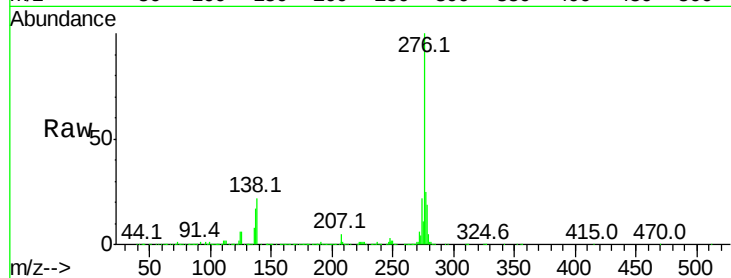
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 47.11 ng  
RT: 28.45 min Scan# 4317  
Delta R.T. -0.01 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleId :  
PB97592BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 27.7  | 4.7   | 7.1#  |
| 277     | 26.2  | 20.6  | 31.0  |

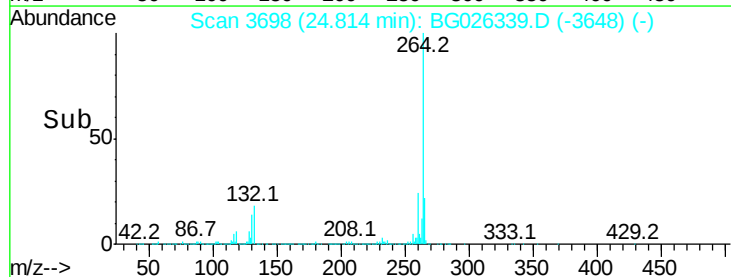
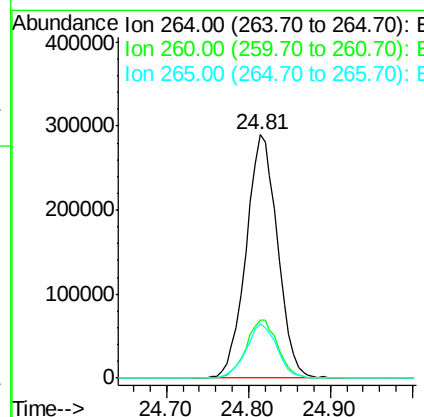
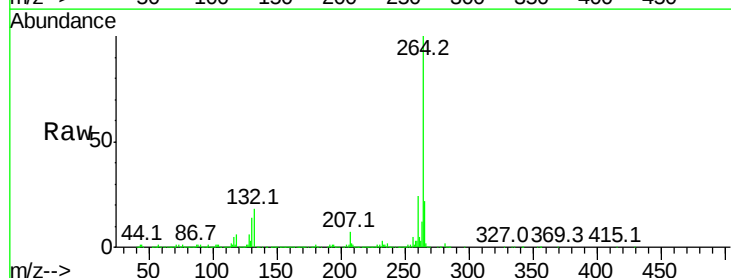
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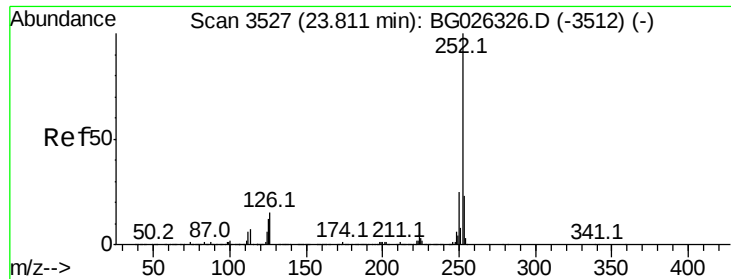
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.81 min Scan# 3698  
Delta R.T. -0.01 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 21.8  | 32.8  |
| 265     | 22.0  | 18.2  | 27.4  |





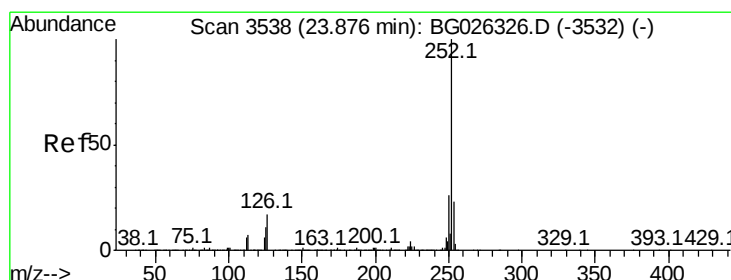
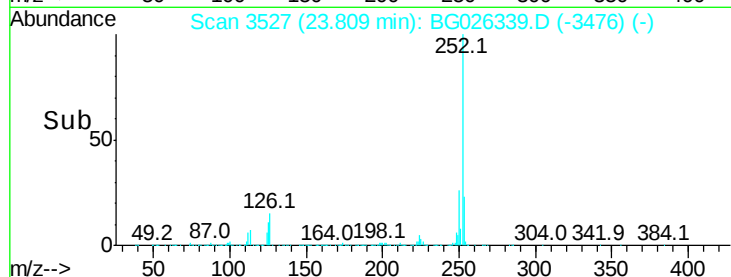
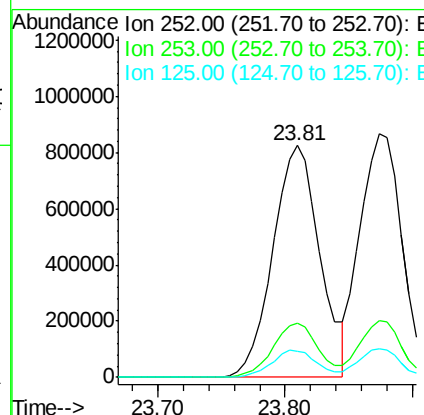
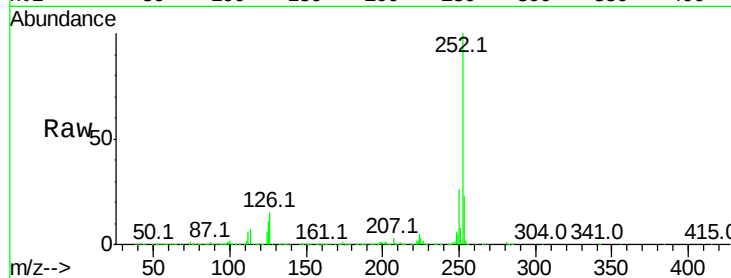
#87  
Benzo(b)fluoranthene  
Concen: 46.67 ng  
RT: 23.81 min Scan# 3527  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleId :  
PB97592BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.4  | 18.7  | 28.1  |
| 125     | 11.5  | 5.3   | 7.9#  |

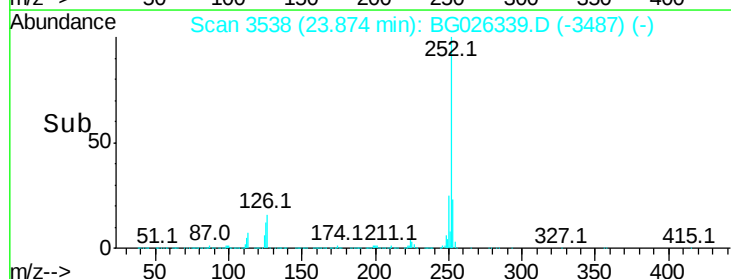
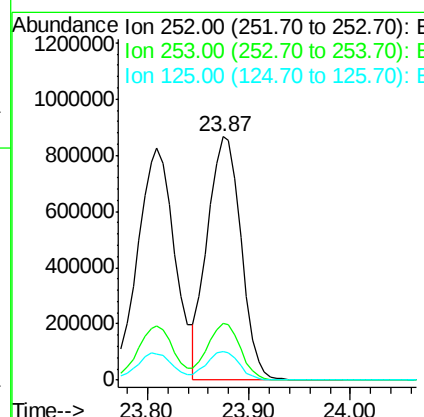
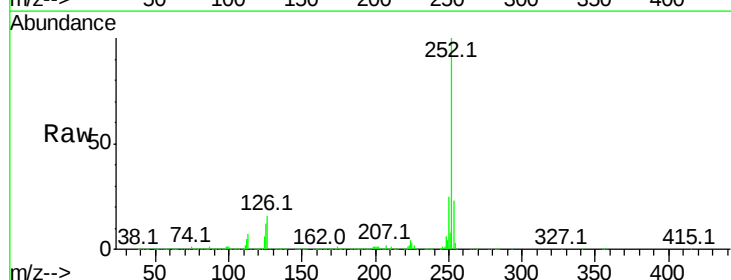
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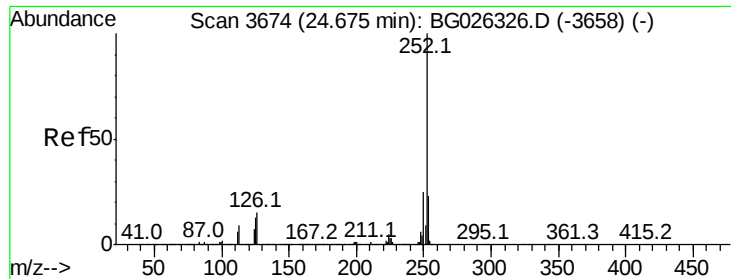
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#88  
Benzo(k)fluoranthene  
Concen: 45.06 ng  
RT: 23.87 min Scan# 3538  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 20.2  | 30.2  |
| 125     | 11.6  | 5.1   | 7.7#  |





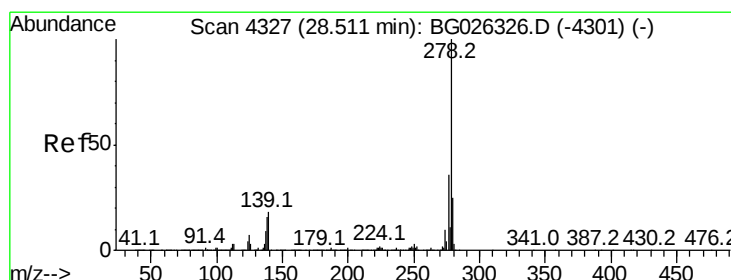
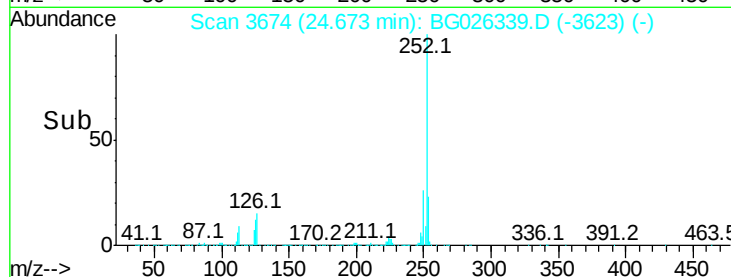
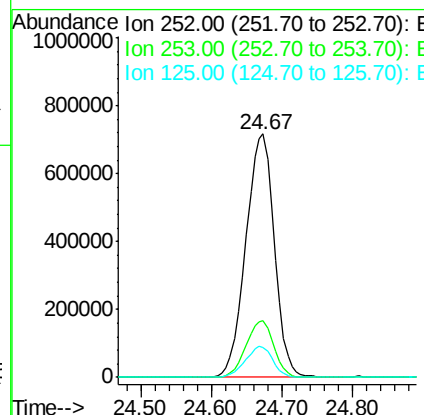
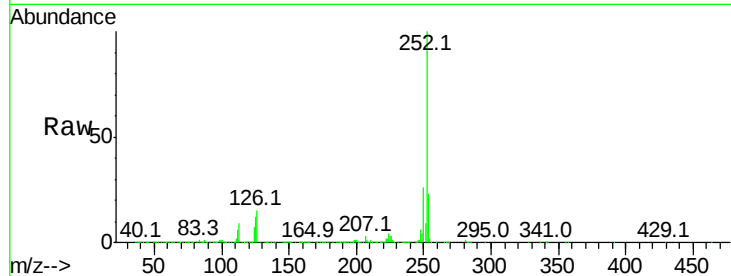
#89  
Benzo(a)pyrene  
Concen: 46.09 ng  
RT: 24.67 min Scan# 3674  
Delta R.T. -0.00 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

Instrument :  
BNA\_G  
ClientSampleId :  
PB97592BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 19.2  | 28.8  |
| 125     | 12.4  | 5.4   | 8.0   |

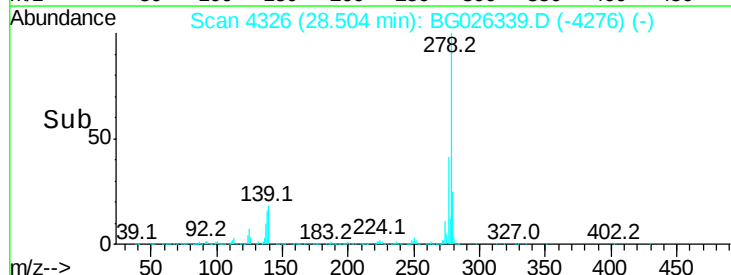
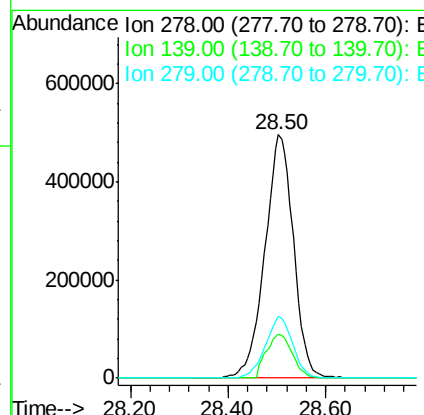
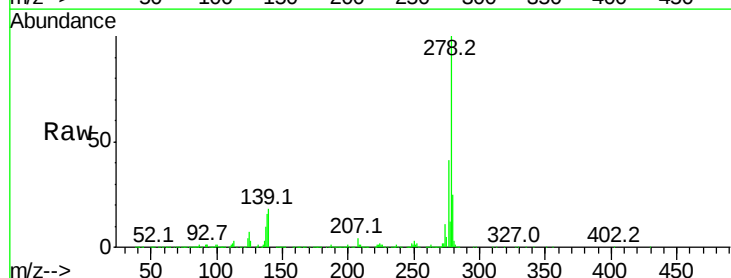
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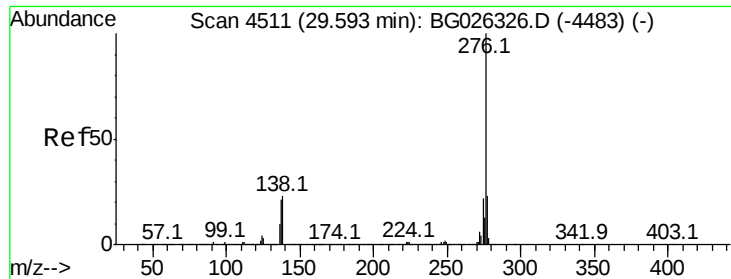
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#90  
Dibenzo(a,h)anthracene  
Concen: 45.82 ng  
RT: 28.50 min Scan# 4326  
Delta R.T. -0.01 min  
Lab File: BG026339.D  
Acq: 20 Mar 2017 23:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.9  | 7.7   | 11.5  |
| 279     | 25.2  | 19.1  | 28.7  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 45.72 ng  
 RT: 29.59 min Scan# 4511  
 Delta R.T. -0.00 min  
 Lab File: BG026339.D  
 Acq: 20 Mar 2017 23:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97592BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.6  | 18.6  | 27.8  |
| 138     | 23.8  | 8.1   | 12.1  |

Manual Integrations  
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