

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060617\  
 Data File : BG027241.D  
 Acq On : 6 Jun 2017 9:42  
 Operator : SJ/MA  
 Sample : I3398-04MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMS

Manual Integrations  
 APPROVED

mohammad  
 6/8/2017 8:24:12 AM

Quant Time: Jun 06 18:18:50 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 05 16:00:35 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.56  | 152  | 52750    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 11.39 | 136  | 247489   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.15 | 164  | 157456   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.90 | 188  | 369831   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 22.30 | 240  | 421783   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 25.99 | 264  | 390065   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 6.15  | 112 | 570314  | 164.98 | ng | 0.00  |
| 7) Phenol-d6             | 7.70  | 99  | 805947  | 158.83 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.73  | 82  | 438197  | 111.35 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 16.64 | 330 | 341121  | 164.52 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 13.78 | 172 | 1076681 | 95.66  | ng | 0.00  |
| 78) Terphenyl-d14        | 20.48 | 244 | 1538929 | 93.08  | ng | -0.01 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 4.16  | 88  | 51315  | 35.801 | ng | # 79   |
| 3) Pyridine                    | 4.54  | 79  | 149067 | 33.736 | ng | # 71   |
| 4) n-Nitrosodimethylamine      | 4.45  | 42  | 74098  | 45.291 | ng | # 54   |
| 6) Aniline                     | 7.89  | 93  | 139705 | 21.863 | ng | # 92   |
| 8) 2-Chlorophenol              | 8.14  | 128 | 182342 | 49.954 | ng | 88     |
| 9) Benzaldehyde                | 7.71  | 77  | 29164  | 8.313  | ng | 94     |
| 10) Phenol                     | 7.73  | 94  | 284212 | 54.770 | ng | 77     |
| 11) bis(2-Chloroethyl)ether    | 7.98  | 93  | 177040 | 41.587 | ng | # 82   |
| 12) 1,3-Dichlorobenzene        | 8.46  | 146 | 171893 | 41.752 | ng | # 92   |
| 13) 1,4-Dichlorobenzene        | 8.61  | 146 | 175289 | 41.486 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.93  | 146 | 172682 | 41.902 | ng | 92     |
| 15) Benzyl Alcohol             | 8.79  | 79  | 174946 | 48.932 | ng | # 85   |
| 16) 2,2'-oxybis(1-Chloropropan | 9.09  | 45  | 241891 | 39.711 | ng | 92     |
| 17) 2-Methylphenol             | 8.98  | 107 | 172375 | 46.993 | ng | # 86   |
| 18) Hexachloroethane           | 9.66  | 117 | 60183  | 42.284 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 9.36  | 70  | 151847 | 42.776 | ng | # 84   |
| 20) 3+4-Methylphenols          | 9.30  | 107 | 240034 | 47.240 | ng | 88     |
| 22) Acetophenone               | 9.39  | 105 | 281392 | 44.460 | ng | # 82   |
| 24) Nitrobenzene               | 9.77  | 77  | 208371 | 46.477 | ng | # 87   |
| 25) Isophorone                 | 10.30 | 82  | 404749 | 43.740 | ng | # 96   |
| 26) 2-Nitrophenol              | 10.49 | 139 | 93779  | 50.327 | ng | # 74   |
| 27) 2,4-Dimethylphenol         | 10.52 | 122 | 199473 | 50.136 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 10.77 | 93  | 260120 | 43.413 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 11.02 | 162 | 186498 | 51.346 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 11.24 | 180 | 178786 | 44.454 | ng | 98     |
| 31) Naphthalene                | 11.44 | 128 | 571323 | 42.239 | ng | 100    |
| 32) Benzoic acid               | 10.59 | 122 | 23350  | 15.090 | ng | # 79   |
| 33) 4-Chloroaniline            | 11.54 | 127 | 76055  | 13.494 | ng | # 85   |
| 34) Hexachlorobutadiene        | 11.71 | 225 | 104786 | 42.393 | ng | 100    |
| 35) Caprolactam                | 12.31 | 113 | 64374m | 51.677 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.61 | 107 | 220811 | 48.505 | ng | 92     |
| 37) 2-Methylnaphthalene        | 13.01 | 142 | 428170 | 43.396 | ng | # 94   |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.36 | 216 | 210553 | 42.924 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 13.34 | 237 | 220055 | 84.288 | ng | 95     |

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 Sample : I3398-04MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMS

Manual Integrations  
 APPROVED

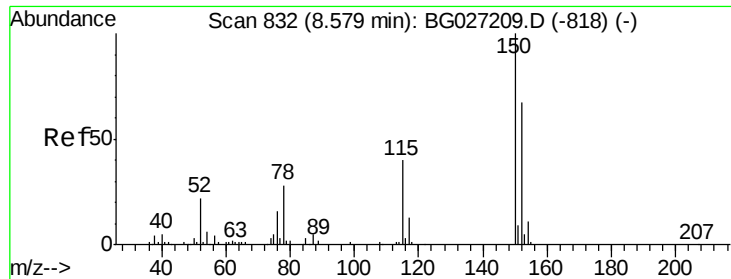
mohammad  
 6/8/2017 8:24:12 AM

Quant Time: Jun 06 18:18:50 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 05 16:00:35 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.59 | 196  | 154643   | 51.978 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 13.66 | 196  | 161090   | 48.386 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 13.99 | 154  | 564806   | 43.946 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 14.04 | 162  | 430402   | 44.667 | ng    | 99       |
| 47) 2-Nitroaniline             | 14.23 | 65   | 134785   | 49.018 | ng #  | 78       |
| 48) Acenaphthylene             | 14.88 | 152  | 690291   | 42.330 | ng    | 98       |
| 49) Dimethylphthalate          | 14.59 | 163  | 750995   | 60.125 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.71 | 165  | 119217   | 47.101 | ng #  | 76       |
| 51) Acenaphthene               | 15.22 | 154  | 498139   | 46.961 | ng    | 99       |
| 52) 3-Nitroaniline             | 15.04 | 138  | 62578    | 26.426 | ng    | 90       |
| 53) 2,4-Dinitrophenol          | 15.24 | 184  | 100733   | 81.627 | ng    | 97       |
| 54) Dibenzofuran               | 15.55 | 168  | 689086   | 46.487 | ng    | 92       |
| 55) 4-Nitrophenol              | 15.33 | 139  | 218971   | 91.828 | ng #  | 55       |
| 56) 2,4-Dinitrotoluene         | 15.50 | 165  | 164942   | 50.400 | ng #  | 84       |
| 57) Fluorene                   | 16.20 | 166  | 564380   | 42.866 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.76 | 232  | 155888   | 52.453 | ng    | 100      |
| 59) Diethylphthalate           | 15.94 | 149  | 576509   | 46.273 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 16.18 | 204  | 286305   | 43.170 | ng    | 94       |
| 61) 4-Nitroaniline             | 16.21 | 138  | 127654   | 47.471 | ng #  | 65       |
| 62) Azobenzene                 | 16.47 | 77   | 568194   | 49.206 | ng    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 16.26 | 198  | 89860    | 52.778 | ng    | 91       |
| 65) n-Nitrosodiphenylamine     | 16.39 | 169  | 507267   | 43.751 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 17.08 | 248  | 190015   | 43.410 | ng    | 98       |
| 67) Hexachlorobenzene          | 17.20 | 284  | 202079   | 42.922 | ng    | 91       |
| 68) Atrazine                   | 17.33 | 200  | 184679   | 47.632 | ng    | 97       |
| 69) Pentachlorophenol          | 17.54 | 266  | 250522   | 90.778 | ng    | 96       |
| 70) Phenanthrene               | 17.95 | 178  | 882632   | 42.419 | ng    | 96       |
| 71) Anthracene                 | 18.04 | 178  | 905102   | 43.419 | ng    | 99       |
| 72) Carbazole                  | 18.30 | 167  | 809581   | 41.176 | ng    | 95       |
| 73) Di-n-butylphthalate        | 18.83 | 149  | 962781   | 50.500 | ng #  | 94       |
| 74) Fluoranthene               | 19.93 | 202  | 1014610  | 45.644 | ng    | 95       |
| 76) Benzidine                  | 20.10 | 184  | 294204   | 23.155 | ng    | 96       |
| 77) Pyrene                     | 20.30 | 202  | 1032458  | 40.513 | ng    | 97       |
| 79) Butylbenzylphthalate       | 21.18 | 149  | 427673   | 47.494 | ng    | 94       |
| 80) Benzo(a)anthracene         | 22.27 | 228  | 1037355  | 43.127 | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 22.17 | 252  | 196419   | 20.990 | ng #  | 96       |
| 82) Chrysene                   | 22.35 | 228  | 937228   | 40.584 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 22.14 | 149  | 622122   | 45.716 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 23.53 | 149  | 1052678  | 46.706 | ng #  | 88       |
| 85) Indeno(1,2,3-cd)pyrene     | 30.27 | 276  | 1212950  | 43.369 | ng #  | 93       |
| 87) Benzo(b)fluoranthene       | 24.81 | 252  | 1060732  | 43.847 | ng #  | 97       |
| 88) Benzo(k)fluoranthene       | 24.89 | 252  | 1006717  | 42.419 | ng #  | 93       |
| 89) Benzo(a)pyrene             | 25.82 | 252  | 997143   | 43.786 | ng #  | 96       |
| 90) Dibenzo(a,h)anthracene     | 30.36 | 278  | 1038387  | 43.558 | ng #  | 95       |
| 91) Benzo(g,h,i)perylene       | 31.61 | 276  | 989913   | 42.877 | ng #  | 91       |

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





#1

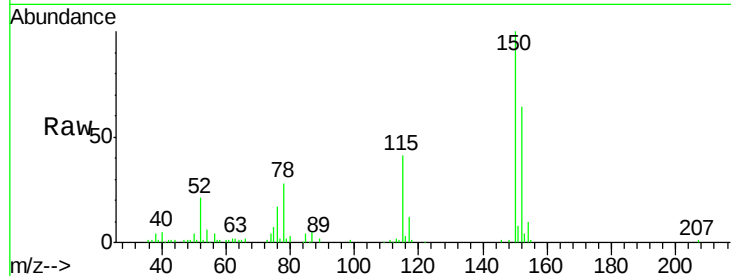
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.56 min Scan# 830  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

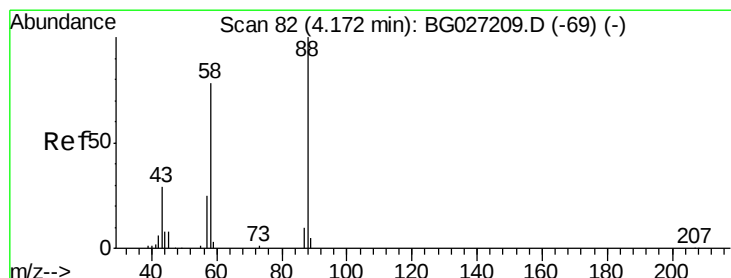
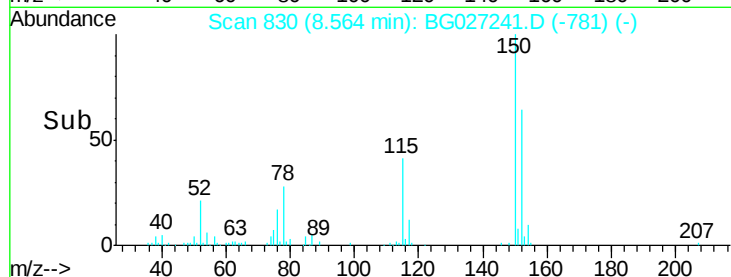
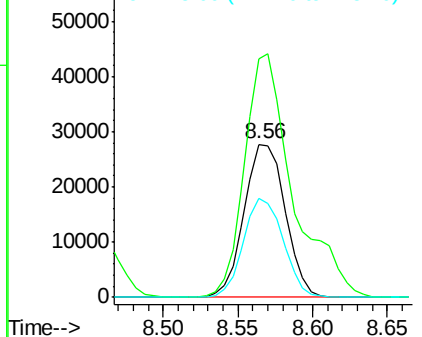
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.6 | 114.0 | 171.0 |
| 115     | 64.5  | 48.1  | 72.1  |

Manual Integrations  
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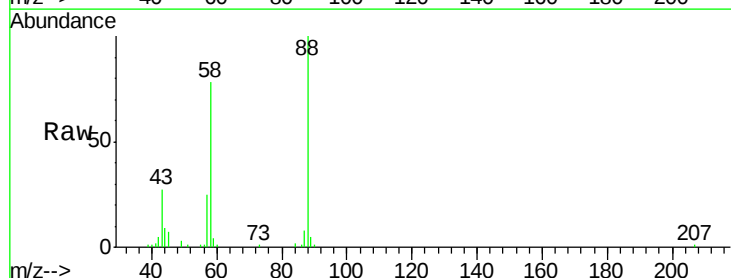
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



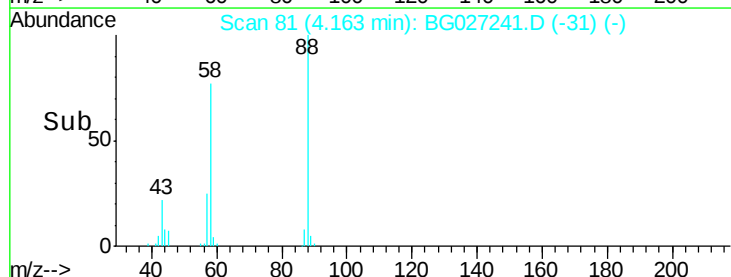
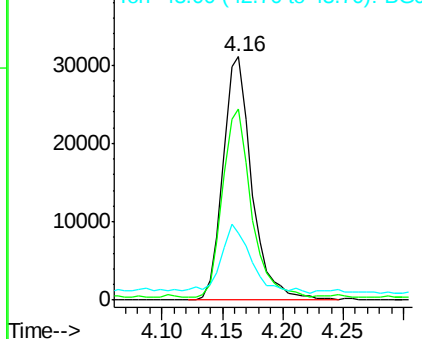
#2

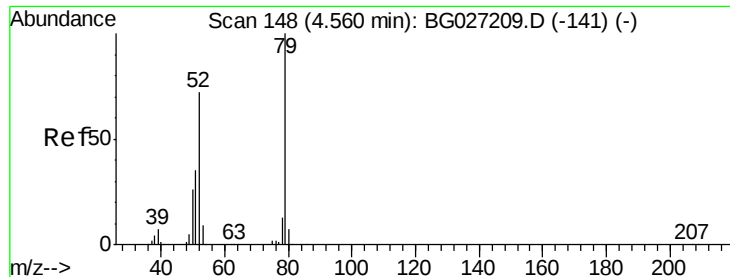
1,4-Dioxane  
Concen: 35.801 ng  
RT: 4.16 min Scan# 81  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 77.5  | 79.4  | 119.2# |
| 43      | 29.8  | 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

Pyridine

Concen: 33.736 ng

RT: 4.54 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA\_G

ClientSampleId :

SB-02-COMPMS

Tgt Ion: 79 Resp: 149067

Ion Ratio Lower Upper

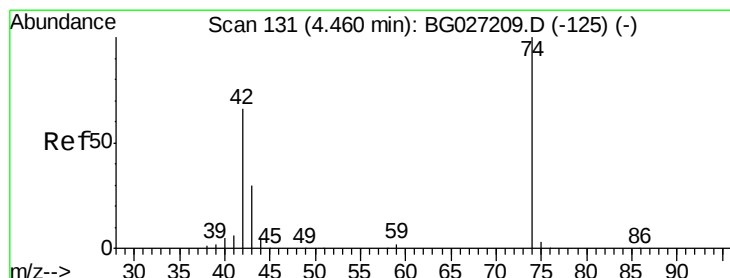
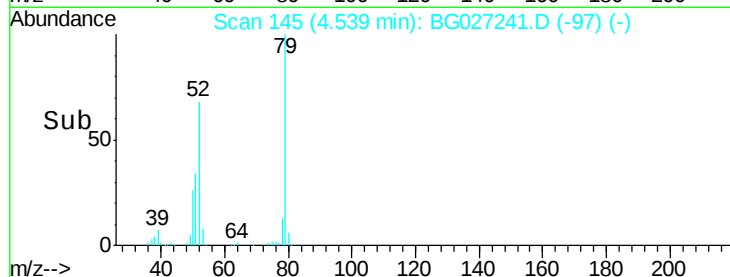
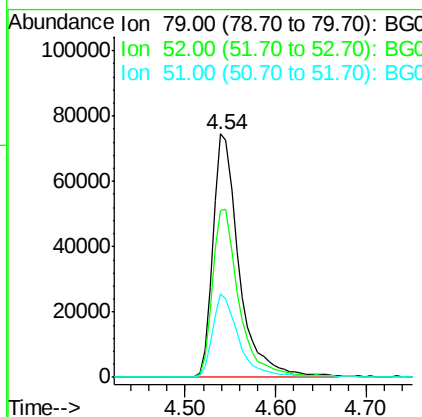
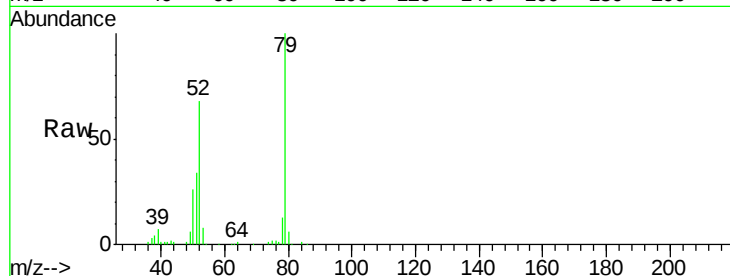
79 100

52 68.4 77.8 116.6#

51 34.4 43.2 64.8#

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 45.291 ng

RT: 4.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

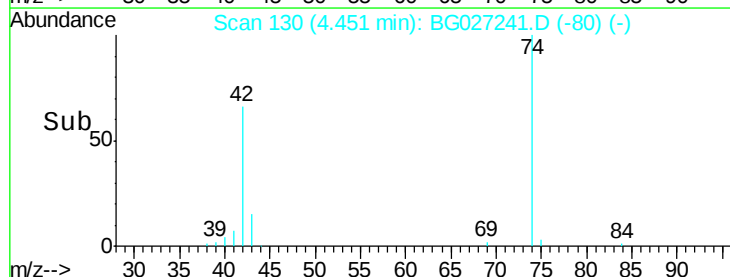
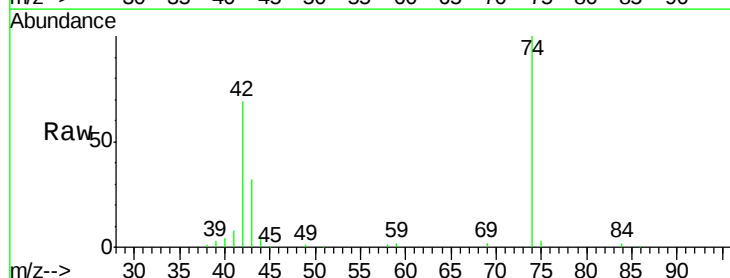
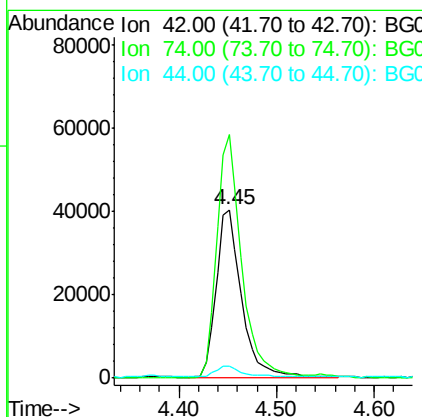
Tgt Ion: 42 Resp: 74098

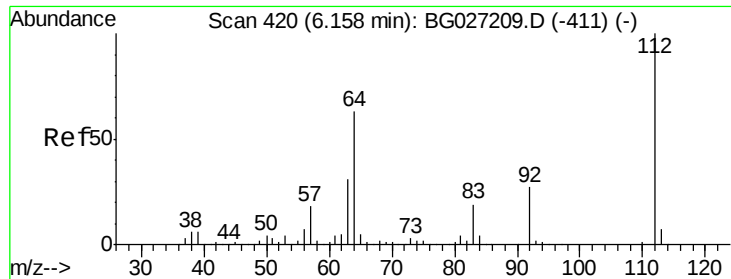
Ion Ratio Lower Upper

42 100

74 144.6 76.7 115.1#

44 7.1 6.1 9.1





#5

2-Fluorophenol

Concen: 164.982 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA\_G

ClientSampleId :

SB-02-COMPMS

Tgt Ion: 112 Resp: 570314

Ion Ratio Lower Upper

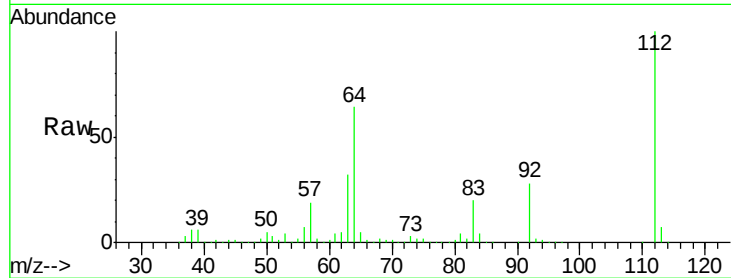
112 100

64 64.4 61.8 92.6

63 32.1 37.2 55.8#

Manual Integrations  
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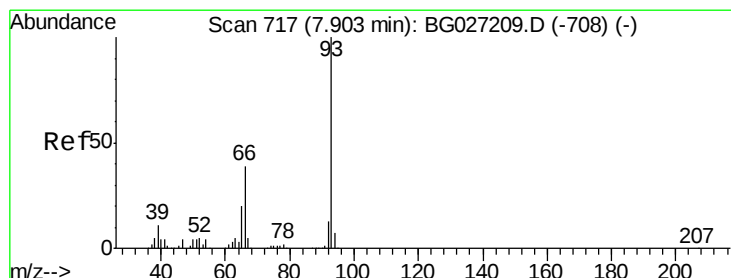
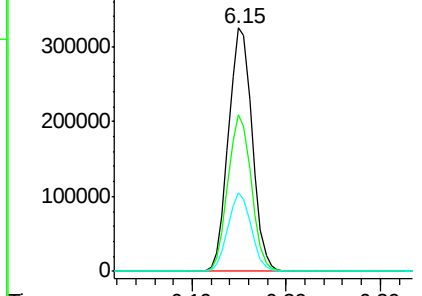
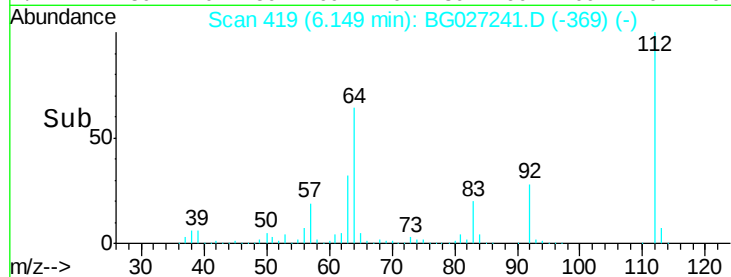
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.863 ng

RT: 7.89 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

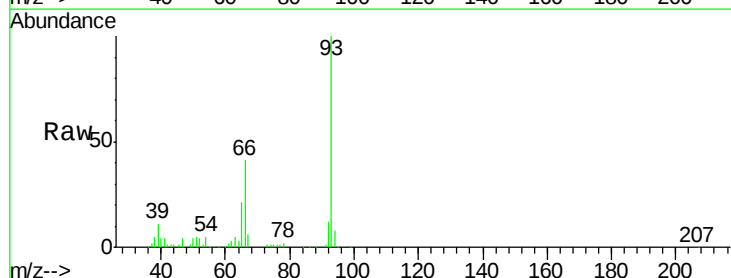
Tgt Ion: 93 Resp: 139705

Ion Ratio Lower Upper

93 100

66 40.8 35.4 53.2

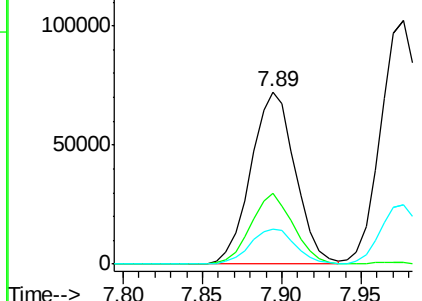
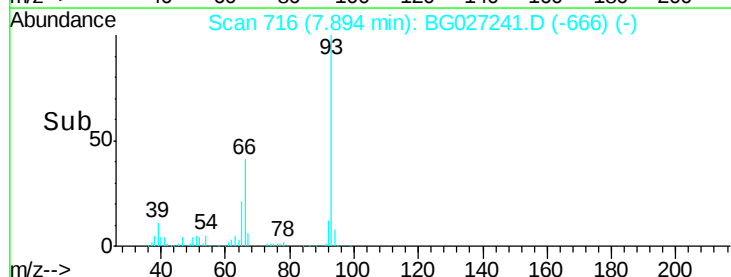
65 20.7 21.2 31.8#

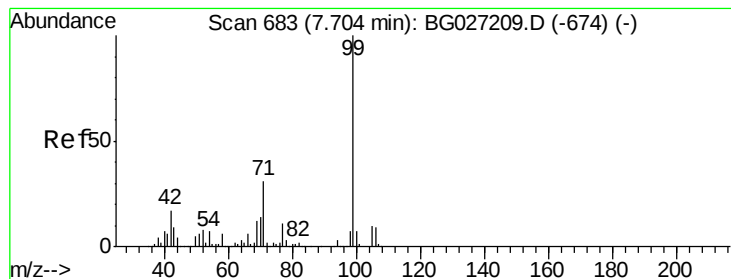


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 158.831 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA\_G

ClientSampleId :

SB-02-COMPMS

Tgt Ion: 99 Resp: 805947

Ion Ratio Lower Upper

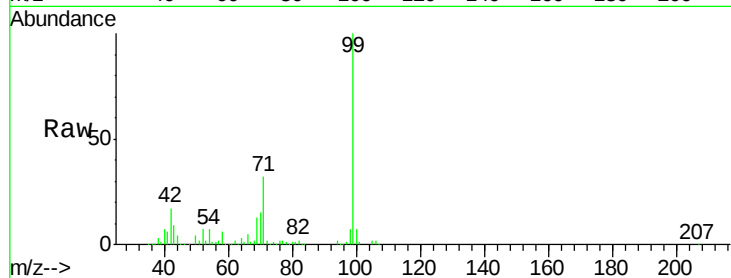
99 100

42 16.9 20.5 30.7#

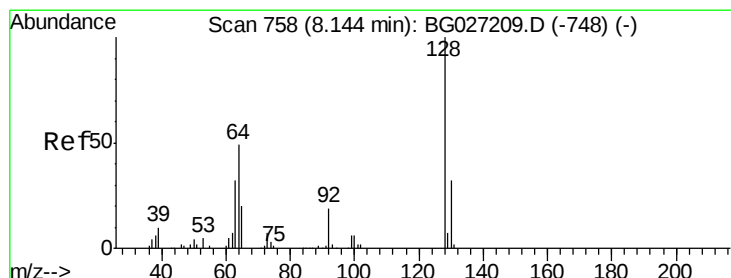
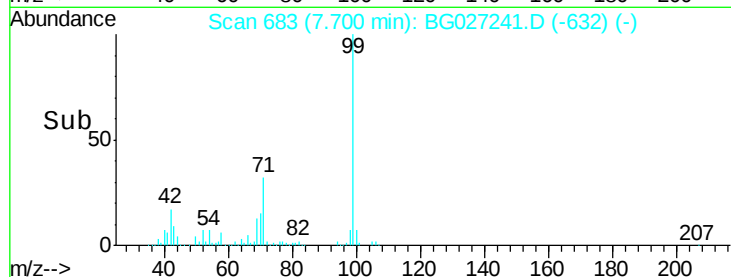
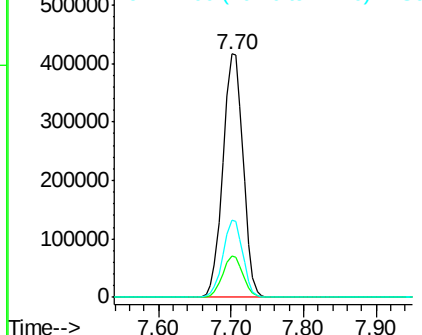
71 31.7 37.6 56.4#

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



#8

2-Chlorophenol

Concen: 49.954 ng

RT: 8.14 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

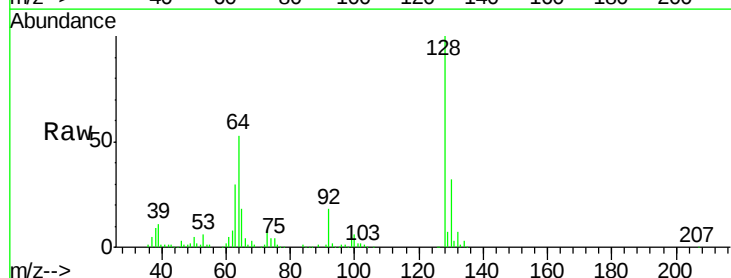
Tgt Ion: 128 Resp: 182342

Ion Ratio Lower Upper

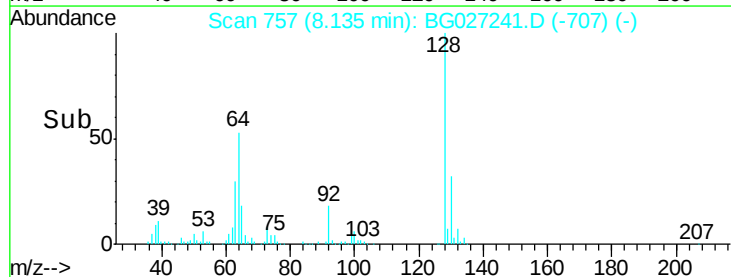
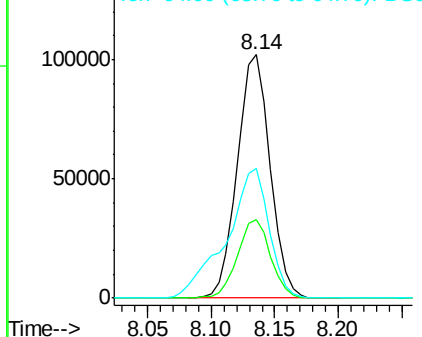
128 100

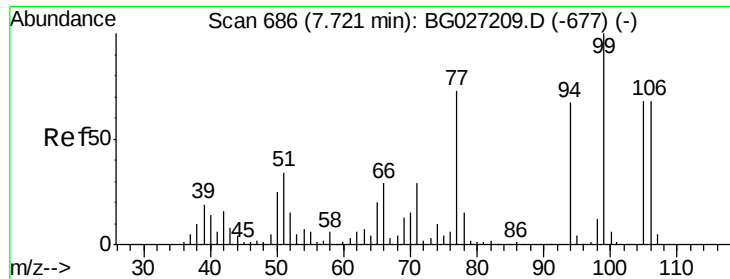
130 32.5 11.4 51.4

64 53.1 46.6 86.6



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





#9

Benzaldehyde

Concen: 8.313 ng

RT: 7.71 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA\_G

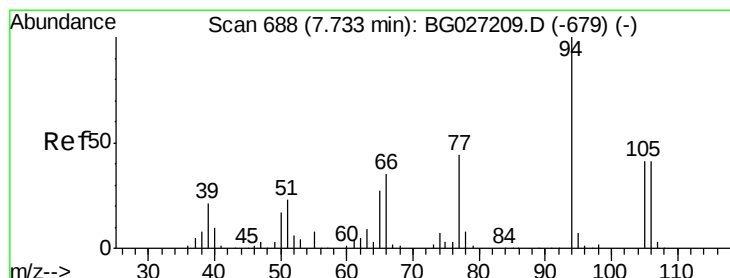
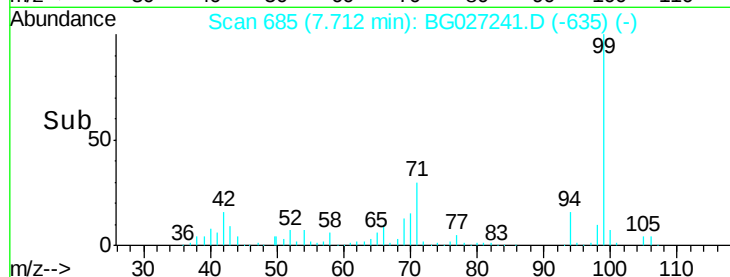
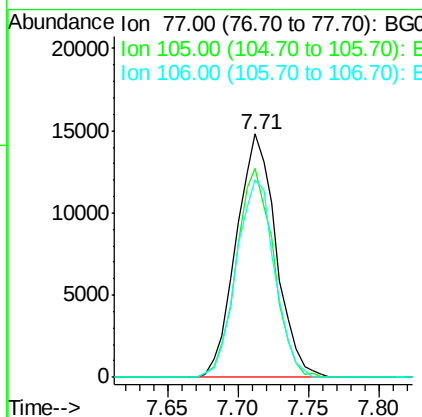
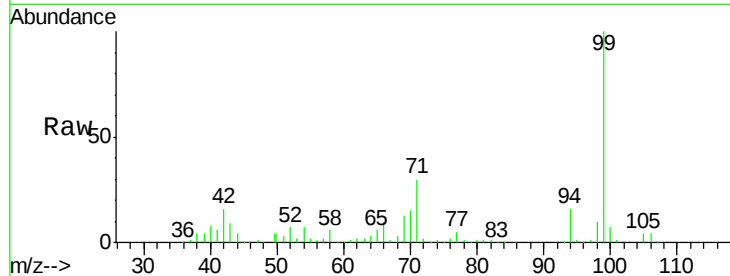
ClientSampleId :

SB-02-COMPMS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 29164 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 85.9  | 60.9  | 100.9 |
| 106       | 80.9  | 55.1  | 95.1  |

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#10

Phenol

Concen: 54.770 ng

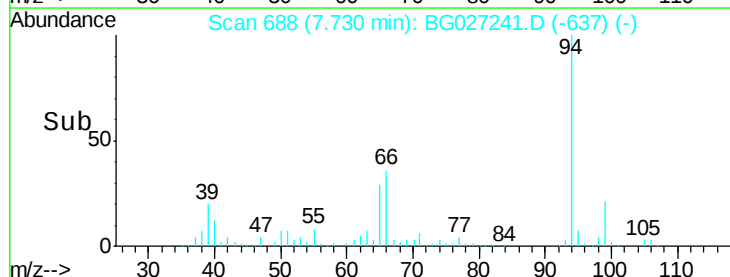
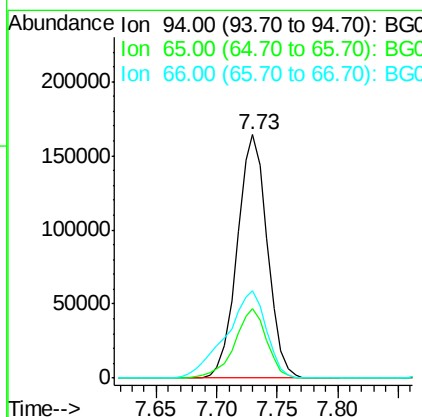
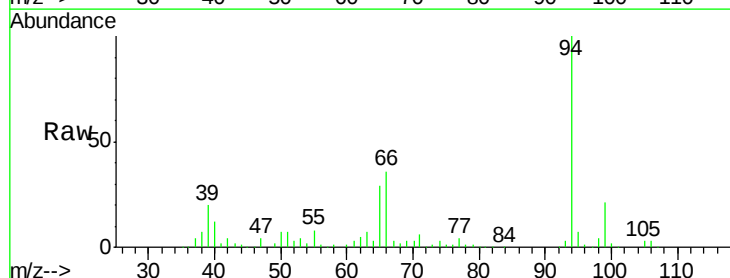
RT: 7.73 min Scan# 688

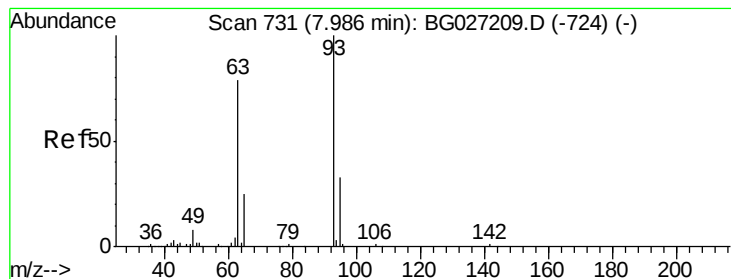
Delta R.T. -0.00 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 284212 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 28.8  | 20.6  | 60.6   |
| 66        | 36.1  | 35.5  | 75.5   |





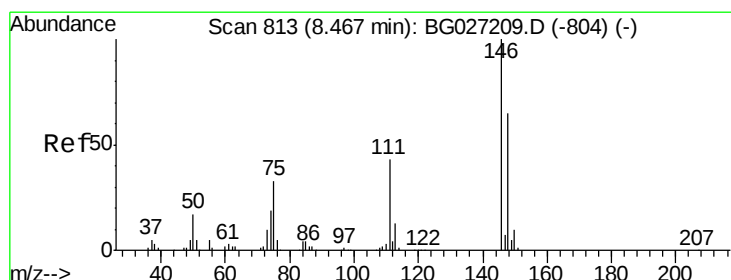
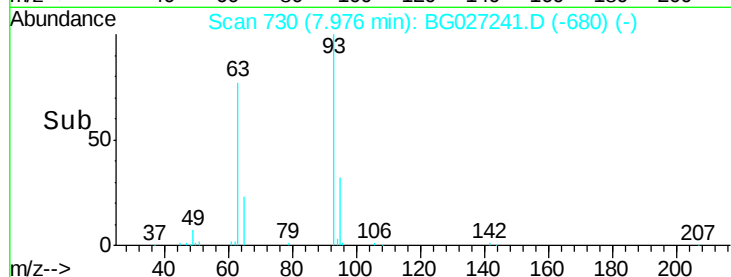
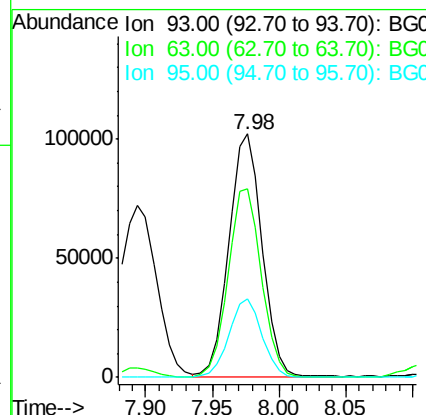
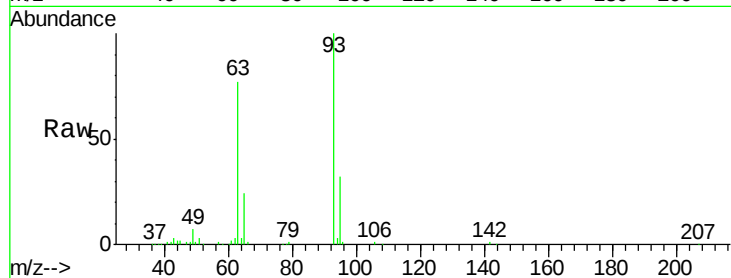
#11  
 bis(2-Chloroethyl)ether  
 Concen: 41.587 ng  
 RT: 7.98 min Scan# 730  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMS

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 93      | 100   |       |        |
| 63      | 77.3  | 78.5  | 118.5# |
| 95      | 32.4  | 9.8   | 49.8   |

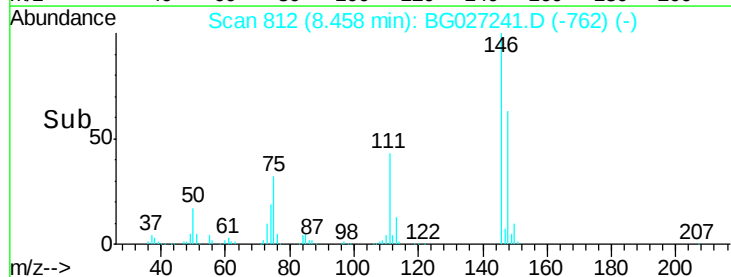
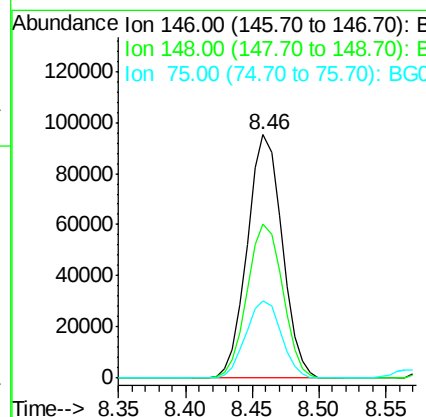
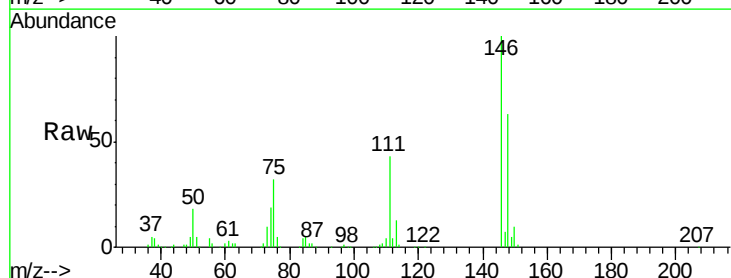
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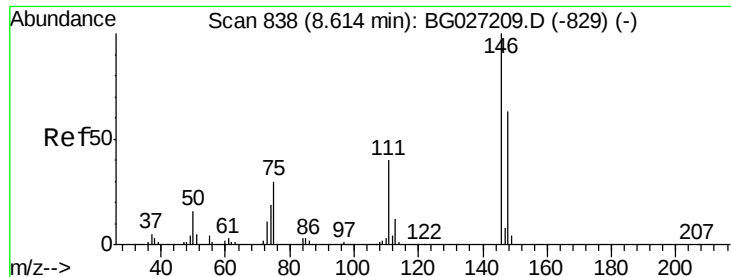
mohammad  
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#12  
 1,3-Dichlorobenzene  
 Concen: 41.752 ng  
 RT: 8.46 min Scan# 812  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.2  | 49.2  | 73.8  |
| 75      | 31.8  | 33.4  | 50.2# |





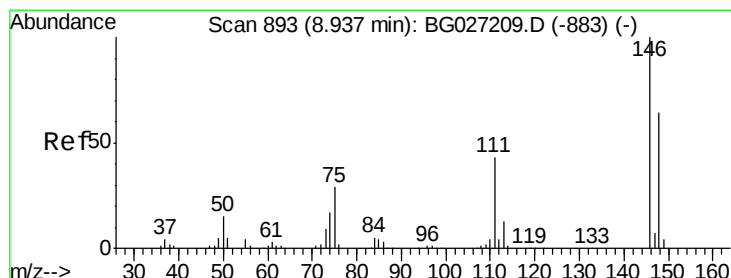
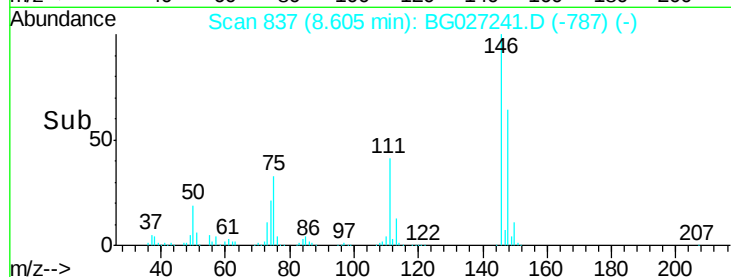
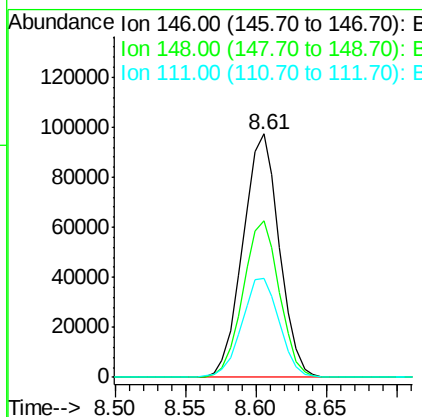
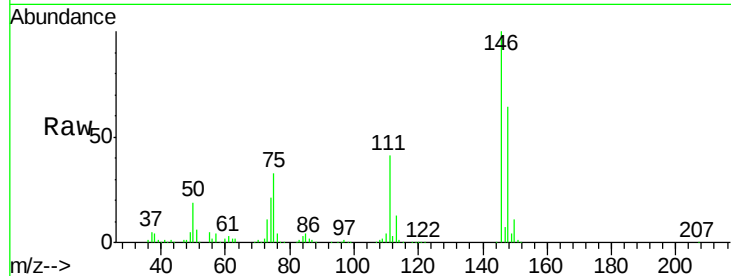
#13  
 1,4-Dichlorobenzene  
 Concen: 41.486 ng  
 RT: 8.61 min Scan# 837  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 52.2  | 78.2  |
| 111     | 40.5  | 37.0  | 55.6  |

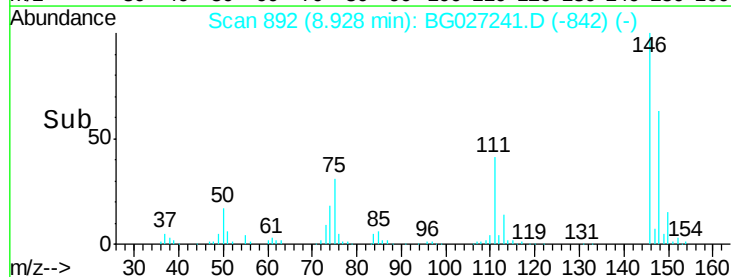
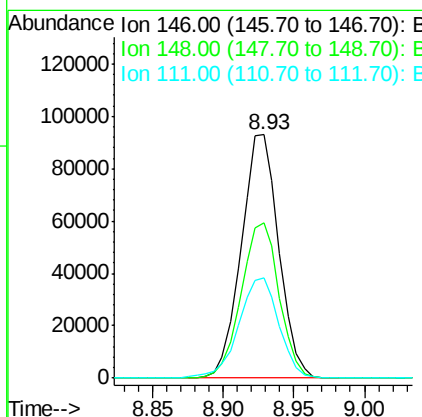
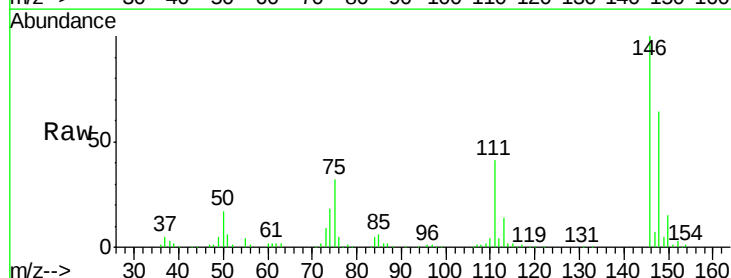
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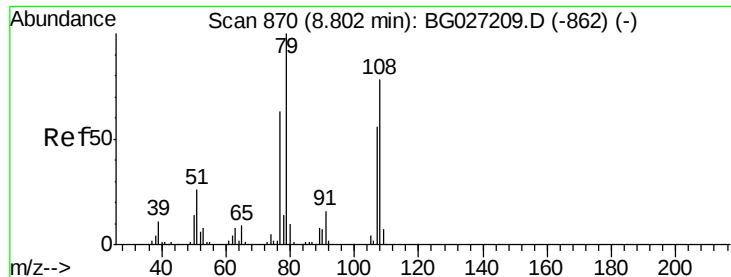
mohammad  
 6/8/2017 8:24:12 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 41.902 ng  
 RT: 8.93 min Scan# 892  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 54.6  | 81.8  |
| 111     | 41.4  | 39.7  | 59.5  |





#15

Benzyl Alcohol

Concen: 48.932 ng

RT: 8.79 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA\_G

ClientSampleId :

SB-02-COMPMS

Tgt Ion: 79 Resp: 174946

Ion Ratio Lower Upper

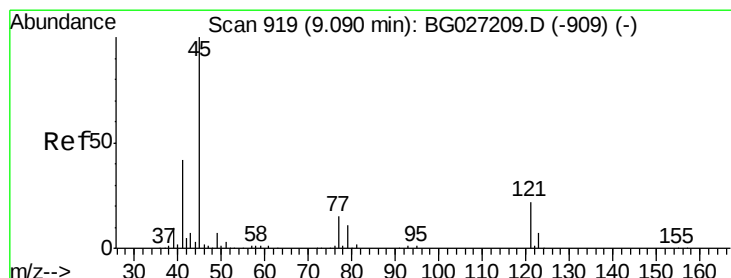
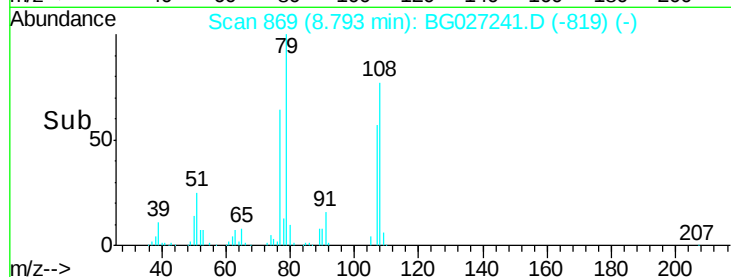
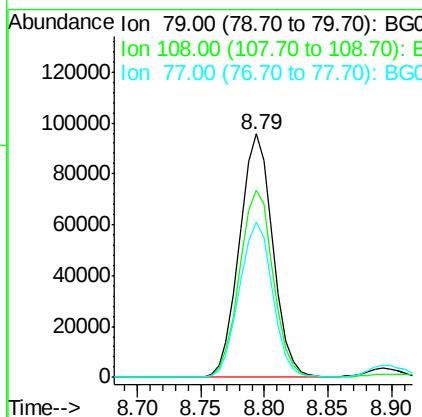
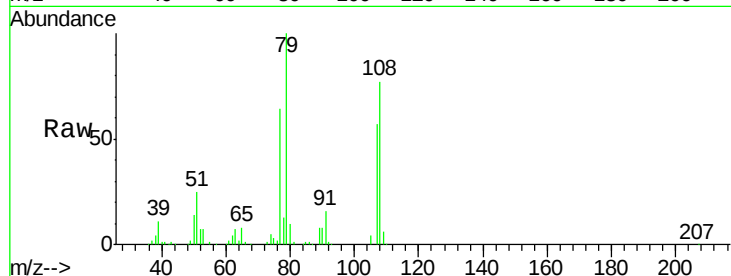
79 100

108 76.9 45.5 68.3#

77 63.7 54.3 81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.711 ng

RT: 9.09 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

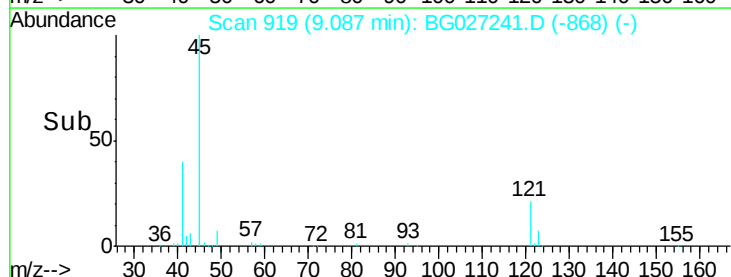
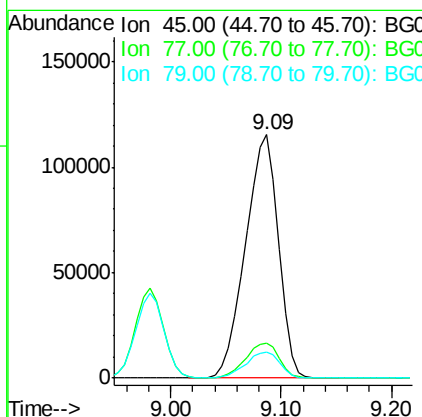
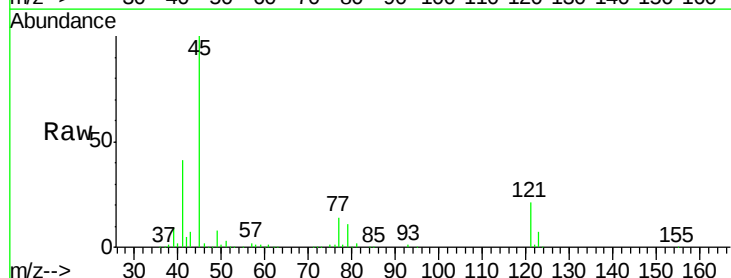
Tgt Ion: 45 Resp: 241891

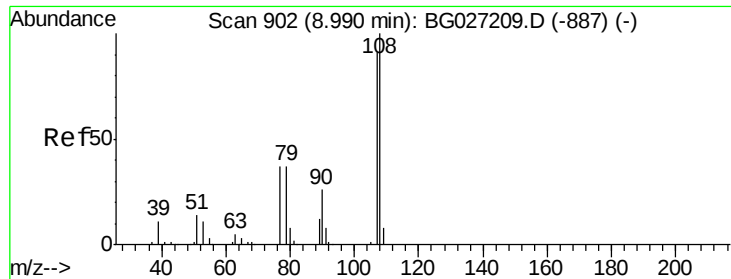
Ion Ratio Lower Upper

45 100

77 14.4 0.0 30.6

79 10.7 0.0 28.5





#17

2-Methylphenol

Concen: 46.993 ng

RT: 8.98 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA\_G

ClientSampleId :

SB-02-COMPMS

Tgt Ion:107 Resp: 172375  
Ion Ratio Lower Upper

107 100

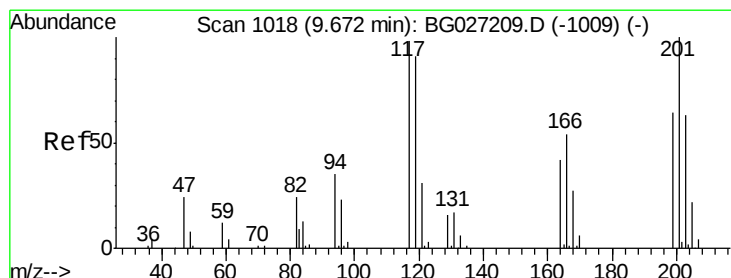
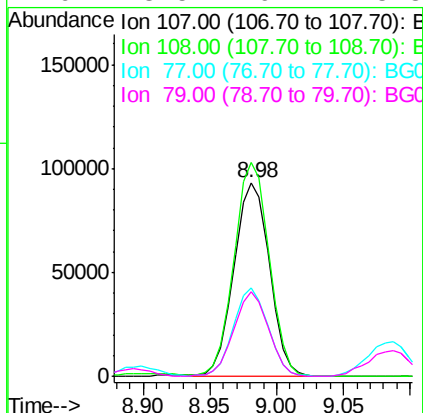
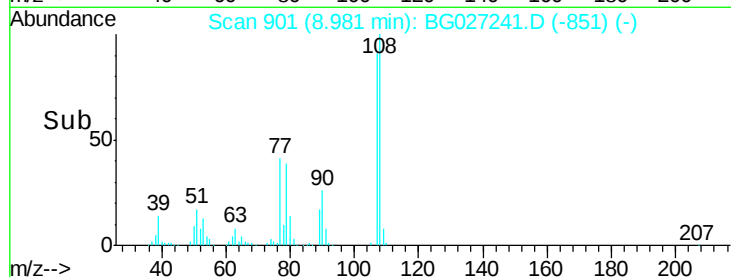
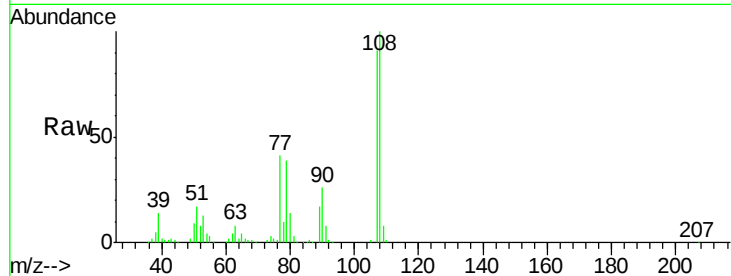
108 110.5 85.6 128.4

77 45.5 51.4 77.2#

79 43.5 49.2 73.8#

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#18

Hexachloroethane

Concen: 42.284 ng

RT: 9.66 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG027241.D

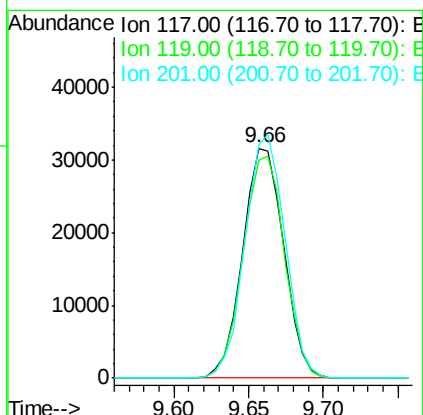
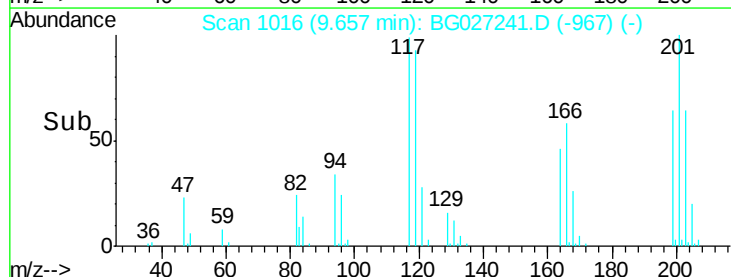
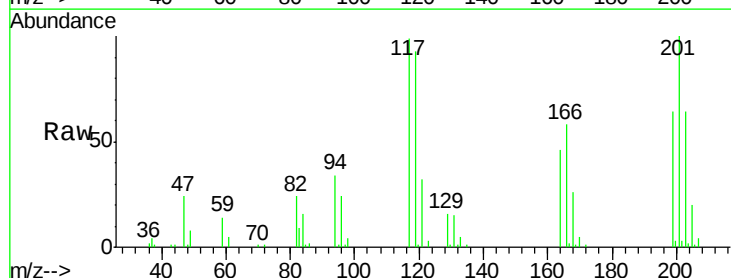
Acq: 6 Jun 2017 9:42

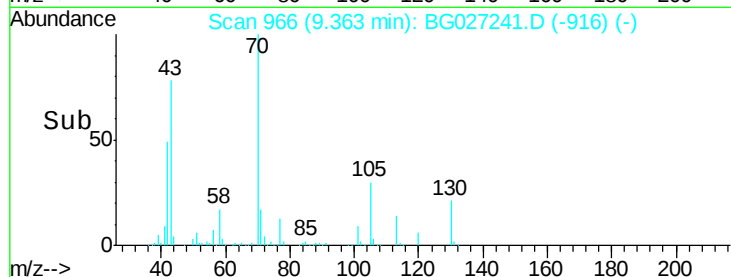
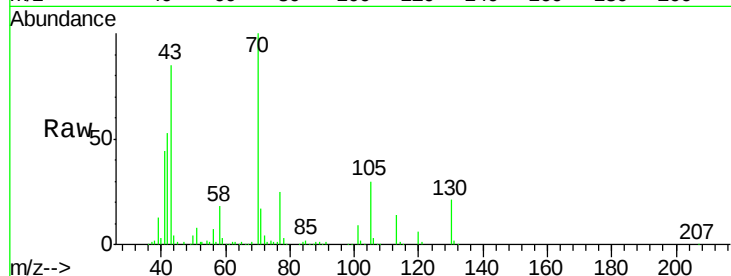
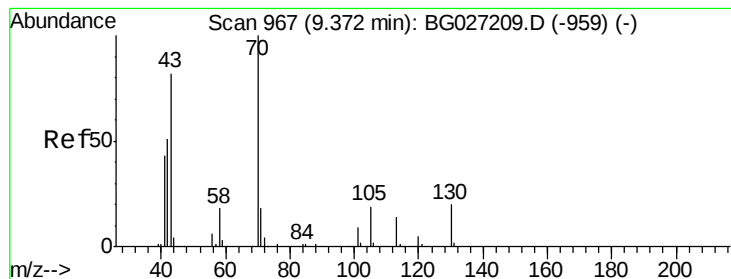
Tgt Ion:117 Resp: 60183  
Ion Ratio Lower Upper

117 100

119 94.7 69.8 104.6

201 104.4 95.4 143.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.776 ng

RT: 9.36 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 70    | Resp: | 151847 |
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 53.5  | 56.1  | 84.1#  |
| 101       | 9.5   | 7.5   | 11.3   |
| 130       | 20.9  | 14.6  | 21.8   |

Instrument :

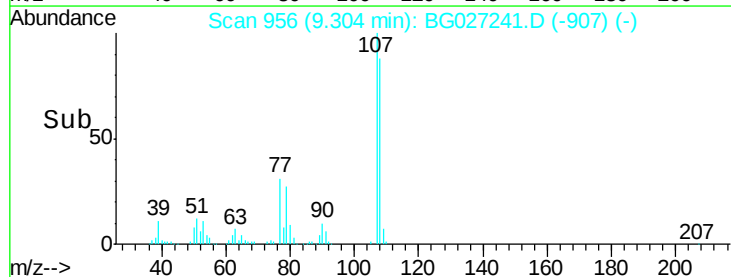
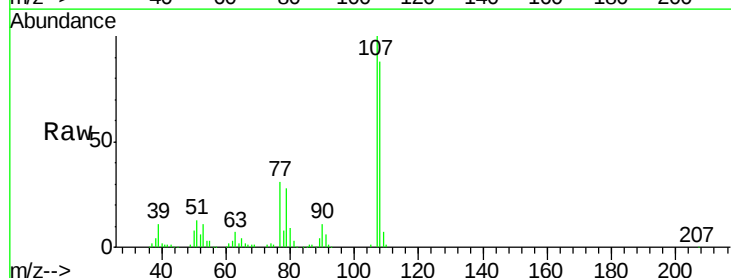
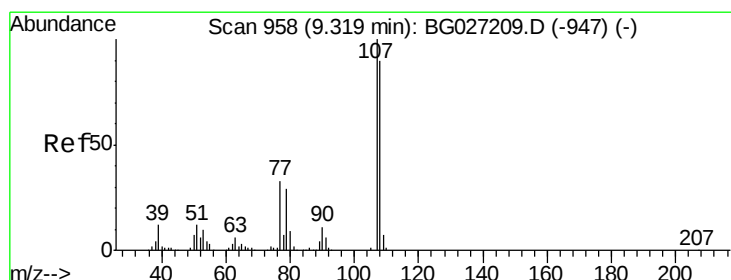
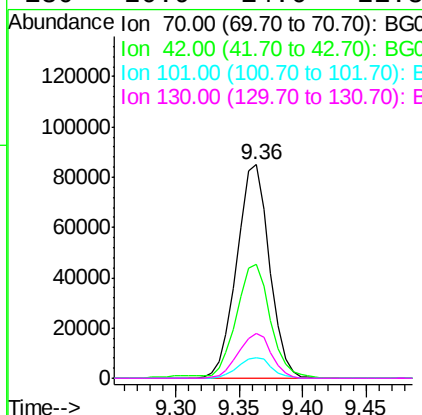
BNA\_G

ClientSampleId :

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#20

3+4-Methylphenols

Concen: 47.240 ng

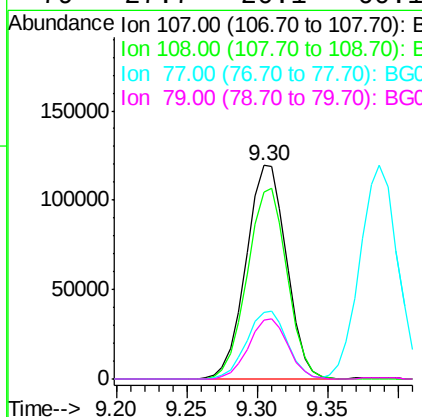
RT: 9.30 min Scan# 956

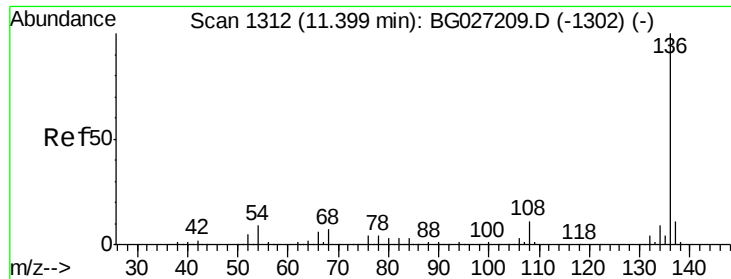
Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

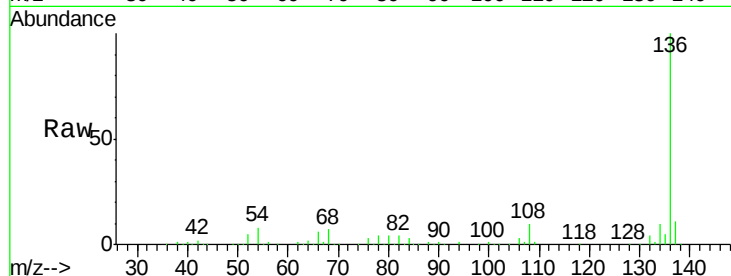
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 240034 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 87.7  | 70.8  | 110.8  |
| 77        | 31.1  | 25.8  | 65.8   |
| 79        | 27.7  | 20.1  | 60.1   |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.39 min Scan# 1311  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

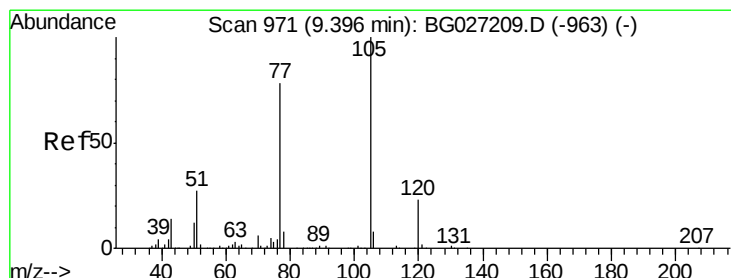
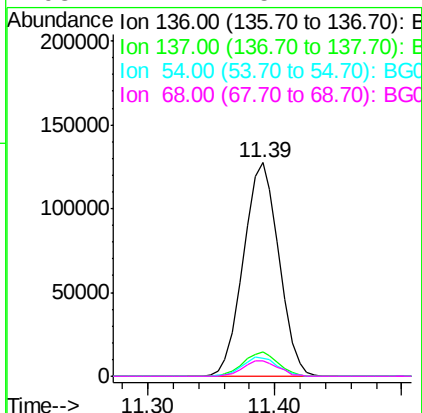
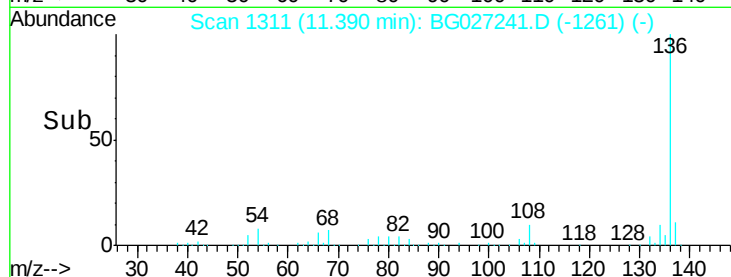
Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS



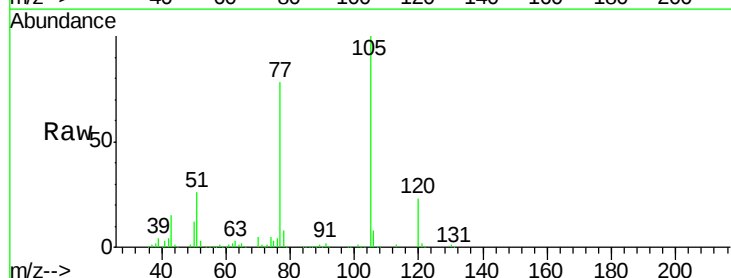
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 136     | 100   |            |            |
| 137     | 11.1  | 8.9        | 13.3       |
| 54      | 8.2   | 9.3        | 13.9#      |
| 68      | 7.1   | 5.1        | 7.7        |

Manual Integrations  
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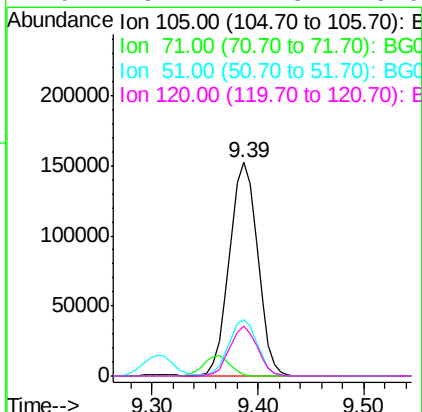
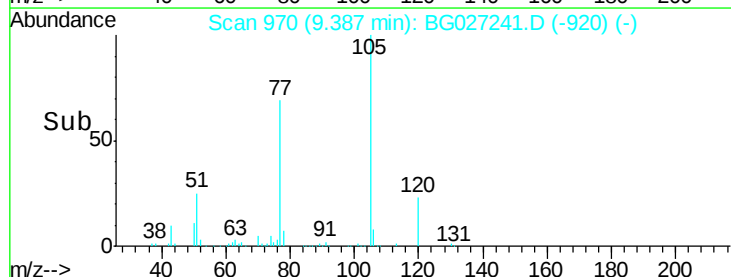
mohammad  
6/8/2017 8:24:12 AM

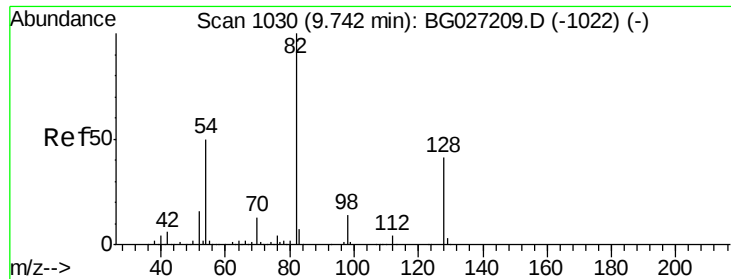


#22  
Acetophenone  
Concen: 44.460 ng  
RT: 9.39 min Scan# 970  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42



| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 105     | 100   |            |            |
| 71      | 0.9   | 0.9        | 1.3        |
| 51      | 26.5  | 34.0       | 51.0#      |
| 120     | 23.2  | 17.3       | 25.9       |





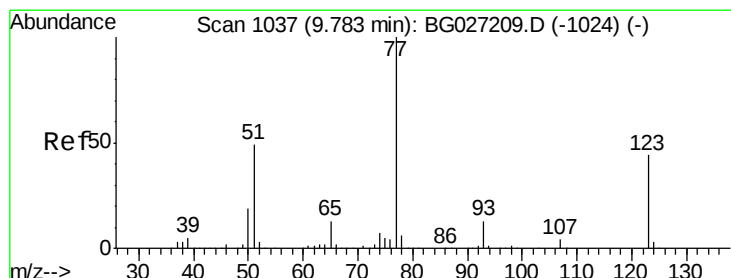
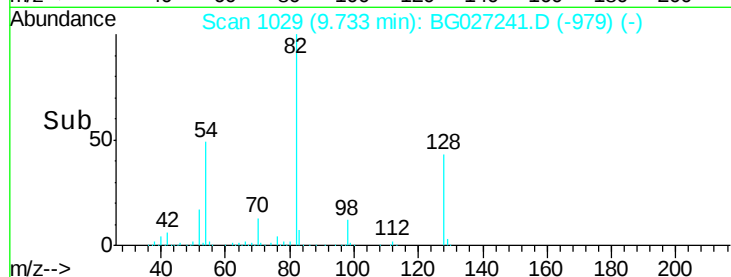
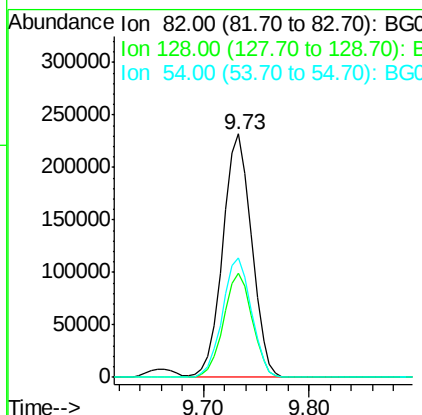
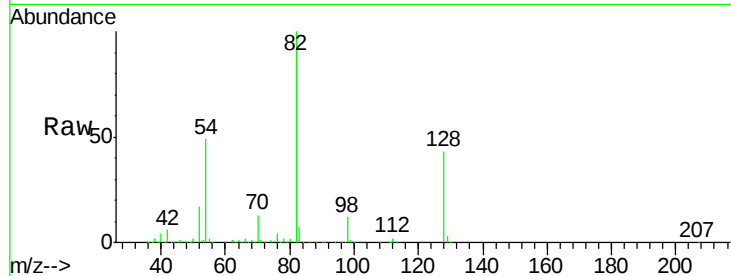
#23  
Nitrobenzene-d5  
Concen: 111.351 ng  
RT: 9.73 min Scan# 1029  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.5  | 26.4  | 39.6# |
| 54      | 49.0  | 49.4  | 74.2# |

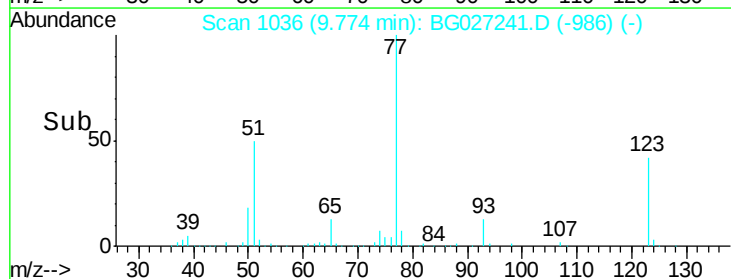
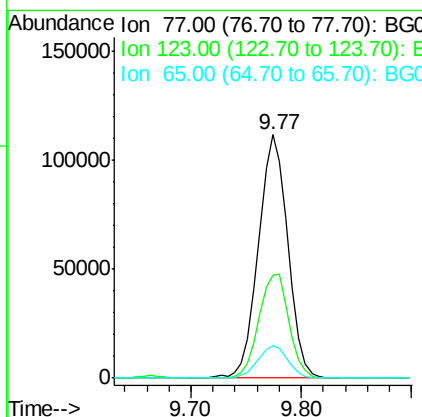
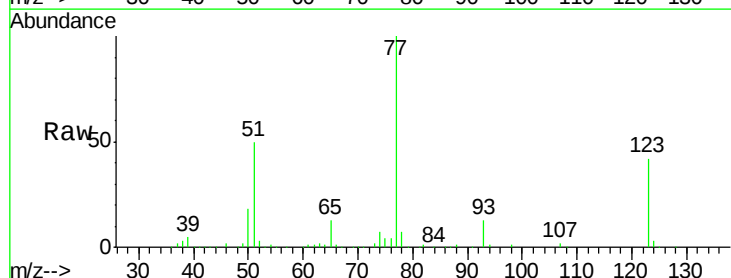
Manual Integrations  
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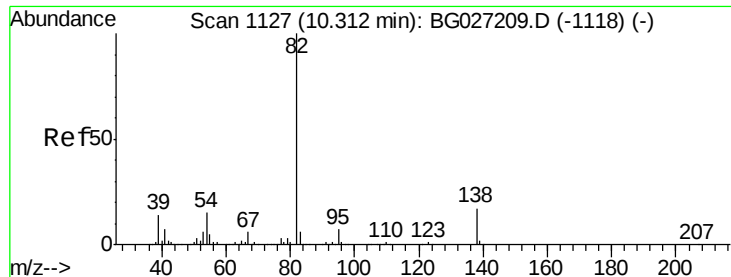
mohammad  
6/8/2017 8:24:12 AM



#24  
Nitrobenzene  
Concen: 46.477 ng  
RT: 9.77 min Scan# 1036  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 42.2  | 26.1  | 39.1# |
| 65      | 13.2  | 12.4  | 18.6  |





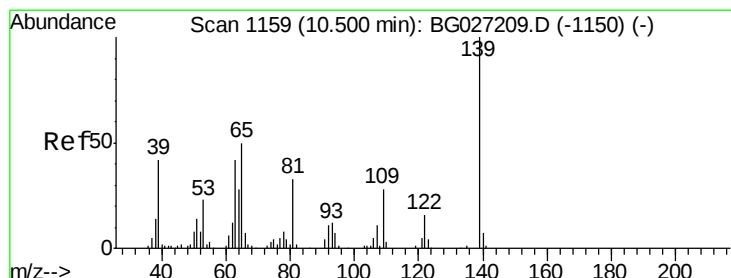
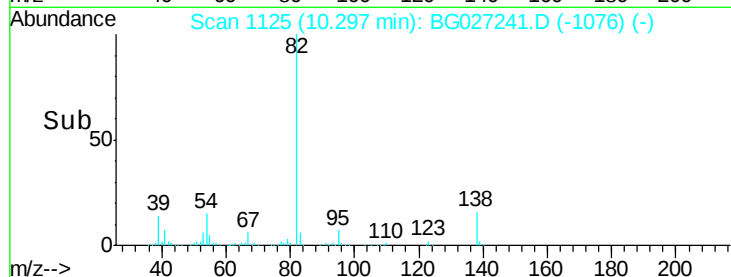
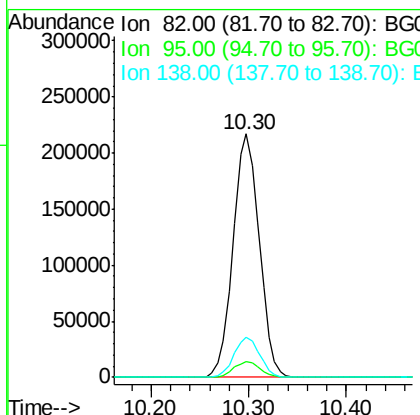
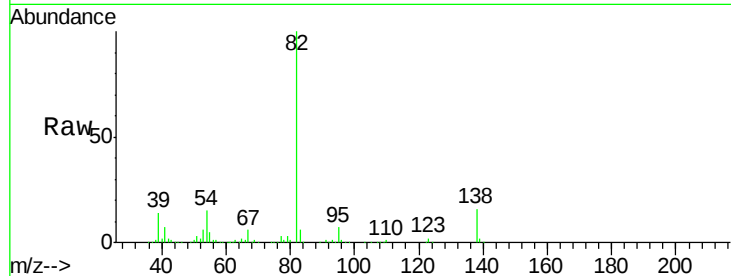
#25  
Isophorone  
Concen: 43.740 ng  
RT: 10.30 min Scan# 1125  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 6.5   | 7.5   | 11.3# |
| 138     | 16.3  | 12.3  | 18.5  |

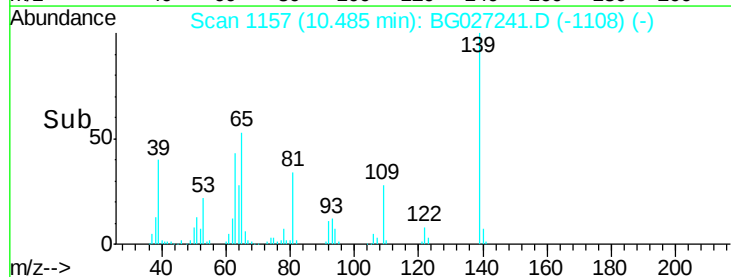
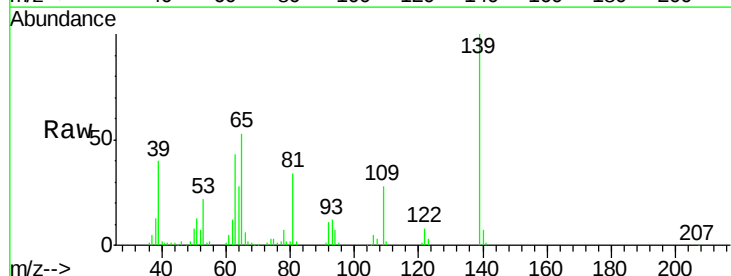
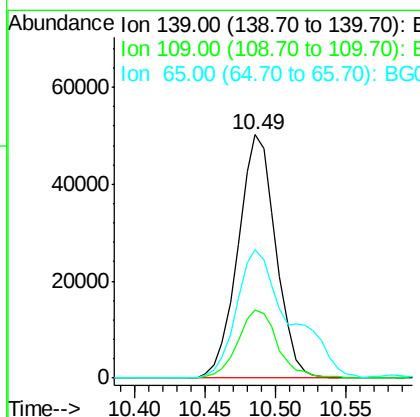
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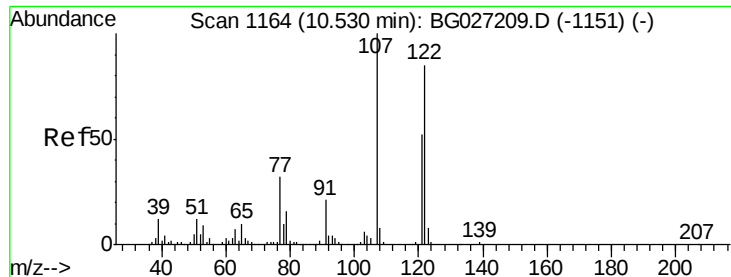
mohammad  
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#26  
2-Nitrophenol  
Concen: 50.327 ng  
RT: 10.49 min Scan# 1157  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 27.9  | 38.6  | 58.0# |
| 65      | 52.5  | 57.1  | 85.7# |





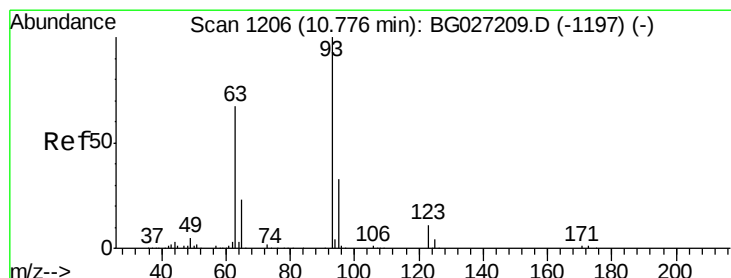
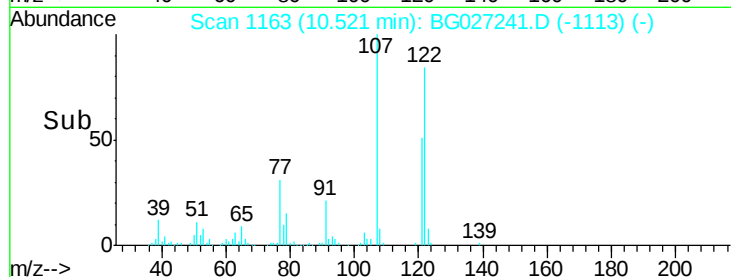
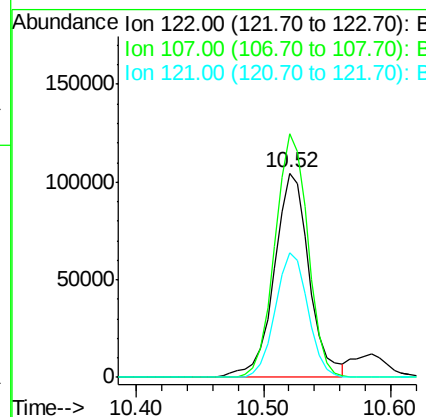
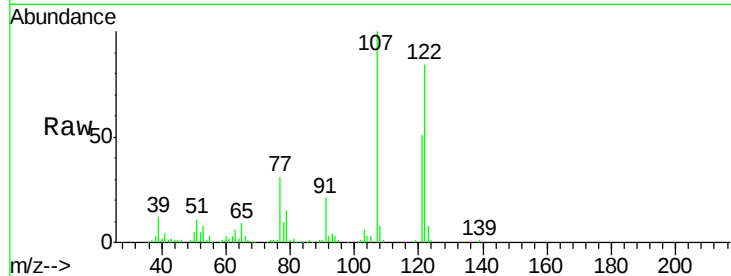
#27  
2,4-Dimethylphenol  
Concen: 50.136 ng  
RT: 10.52 min Scan# 1163  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 119.1 | 104.2 | 156.4 |
| 121     | 60.9  | 46.0  | 69.0  |

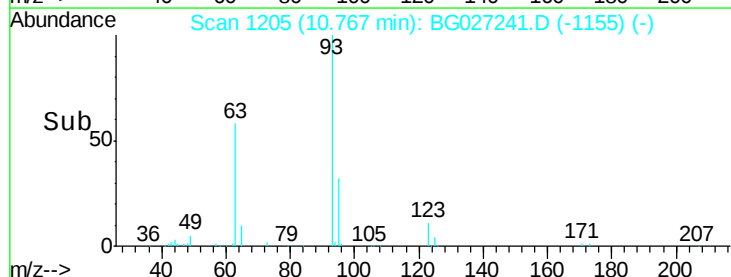
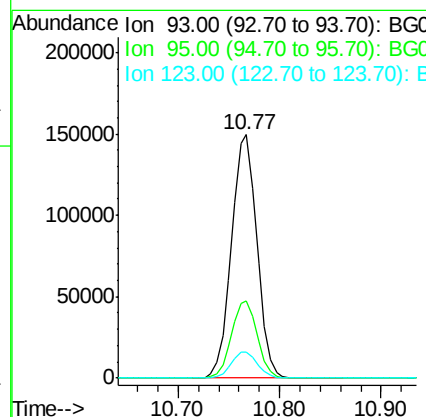
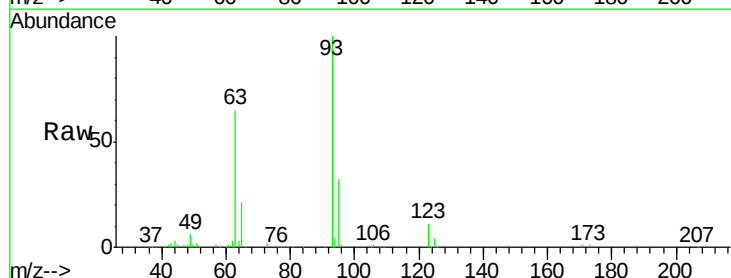
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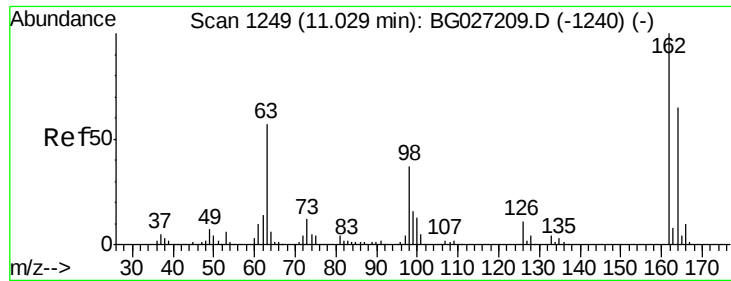
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#28  
bis(2-Chloroethoxy)methane  
Concen: 43.413 ng  
RT: 10.77 min Scan# 1205  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.8  | 25.7  | 38.5  |
| 123     | 10.9  | 8.3   | 12.5  |





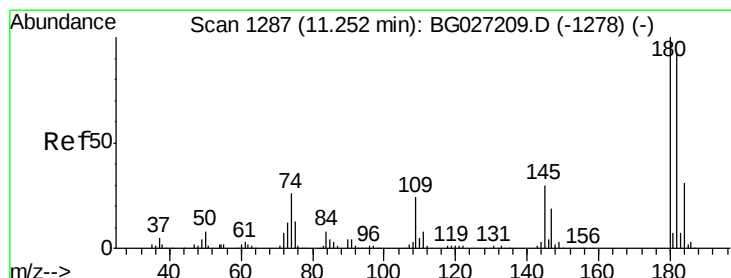
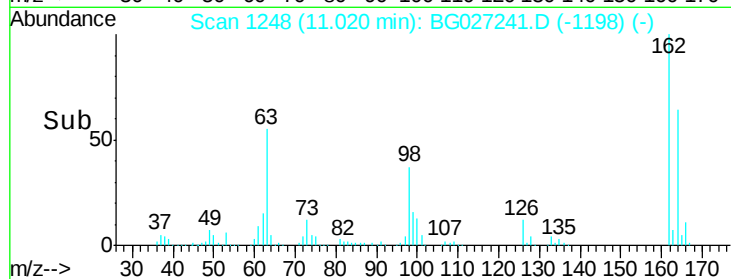
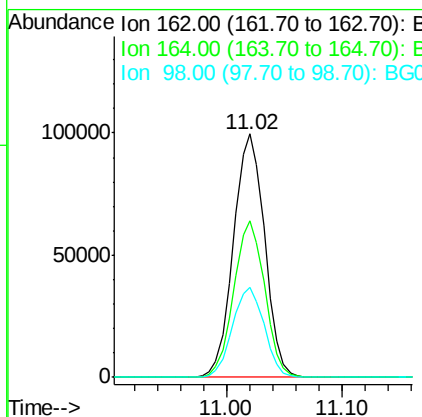
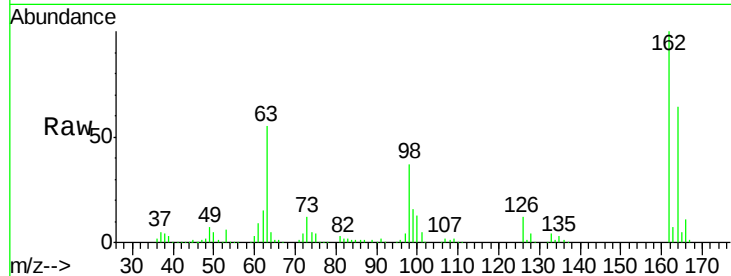
#29  
2,4-Dichlorophenol  
Concen: 51.346 ng  
RT: 11.02 min Scan# 1248  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 64.1  | 42.4       | 82.4       |
| 98      | 37.2  | 20.3       | 60.3       |

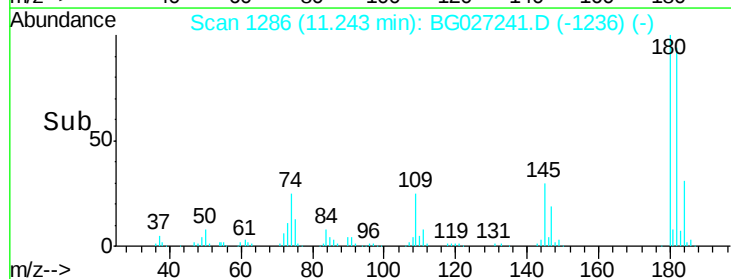
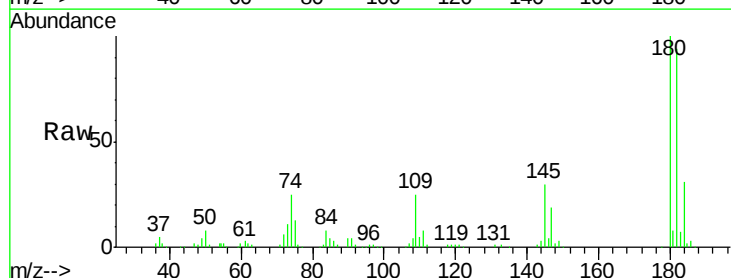
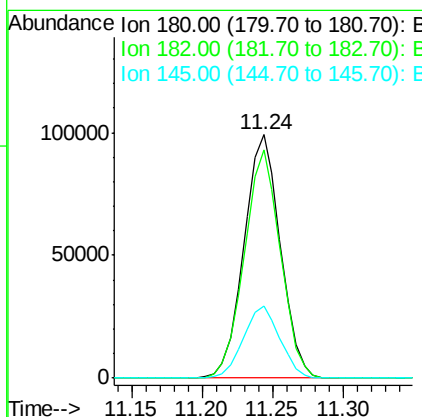
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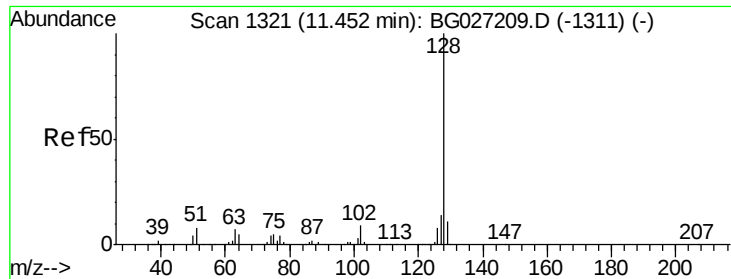
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#30  
1,2,4-Trichlorobenzene  
Concen: 44.454 ng  
RT: 11.24 min Scan# 1286  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 94.0  | 77.0       | 115.4      |
| 145     | 29.5  | 23.4       | 35.0       |





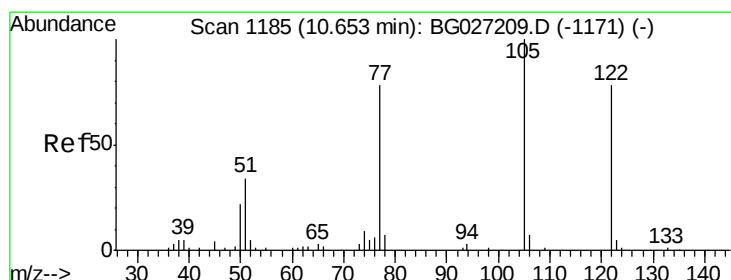
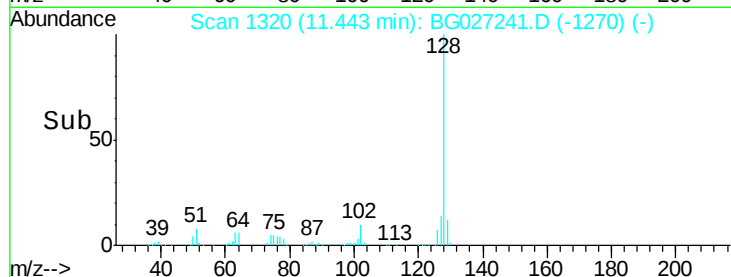
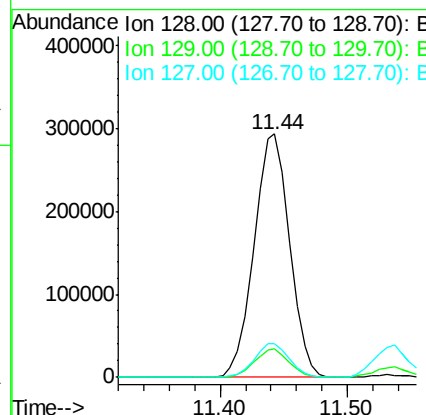
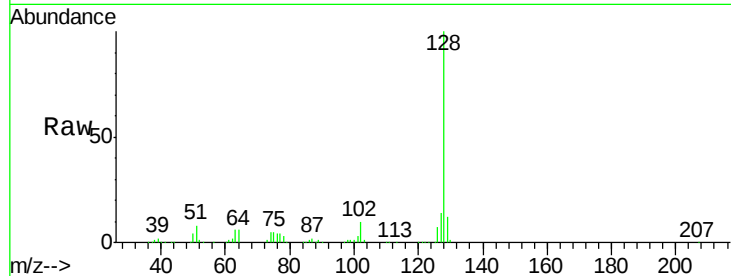
#31  
Naphthalene  
Concen: 42.239 ng  
RT: 11.44 min Scan# 1320  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 128     | 100   |            |            |
| 129     | 11.7  | 9.3        | 13.9       |
| 127     | 14.0  | 11.4       | 17.0       |

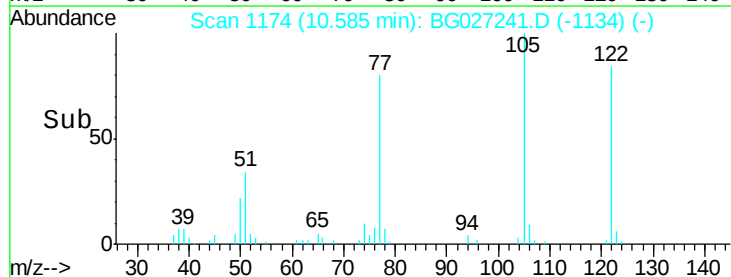
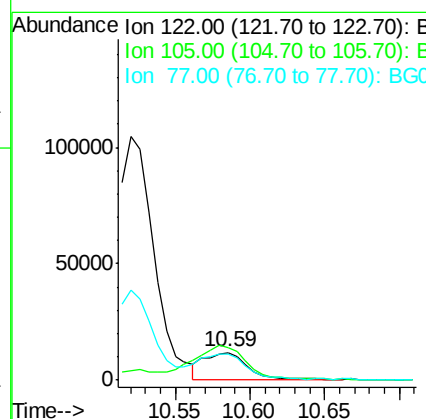
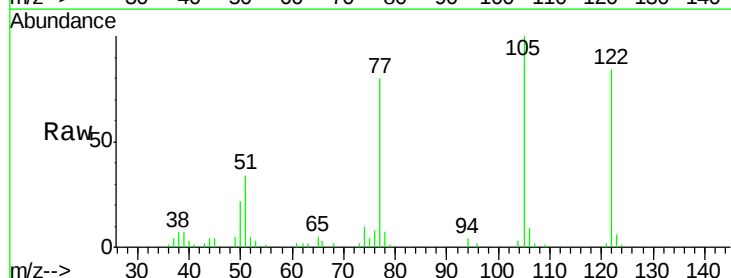
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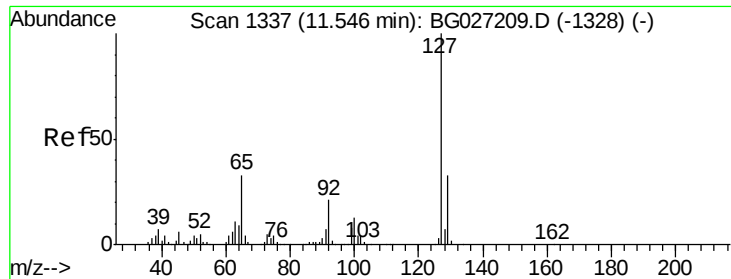
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#32  
Benzoic acid  
Concen: 15.090 ng  
RT: 10.59 min Scan# 1174  
Delta R.T. -0.07 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 122     | 100   |            |            |
| 105     | 119.4 | 120.1      | 160.1#     |
| 77      | 95.3  | 104.6      | 144.6#     |





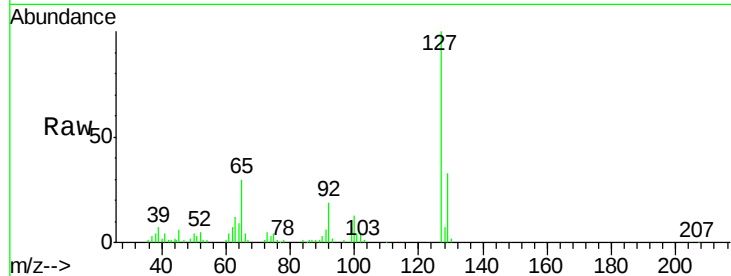
#33  
4-Chloroaniline  
Concen: 13.494 ng  
RT: 11.54 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

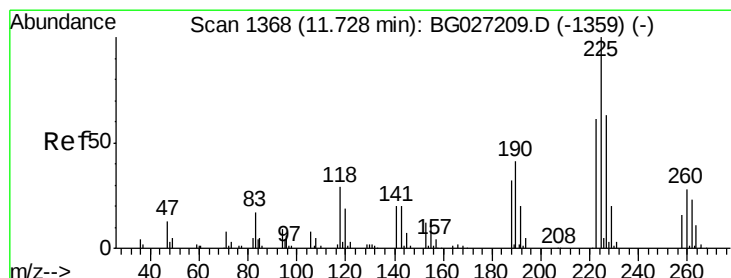
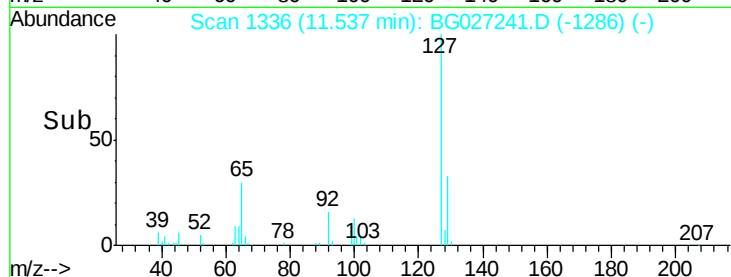
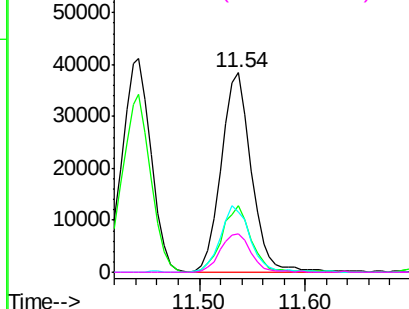
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.3  | 23.6  | 35.4  |
| 65      | 30.4  | 37.7  | 56.5  |
| 92      | 19.1  | 17.6  | 26.4  |

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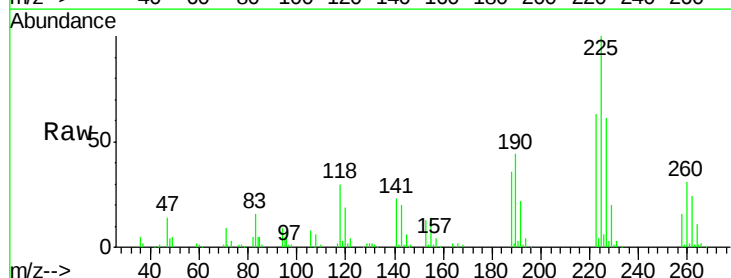


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

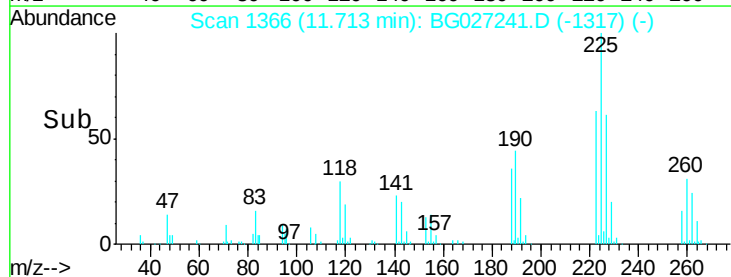
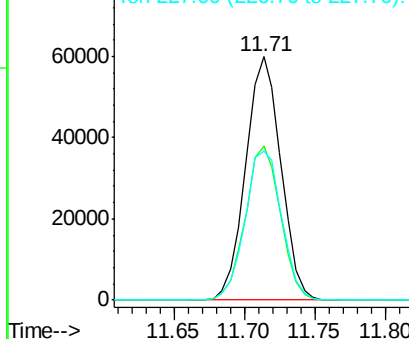


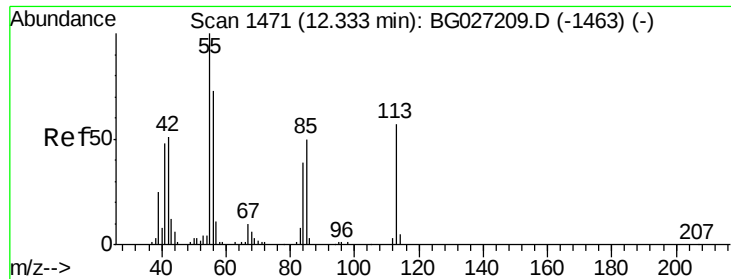
#34  
Hexachlorobutadiene  
Concen: 42.393 ng  
RT: 11.71 min Scan# 1366  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.3  | 50.7  | 76.1  |
| 227     | 61.3  | 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: 51.677 ng m

RT: 12.31 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA\_G

ClientSampleId :

SB-02-COMPMS

Tgt Ion:113 Resp: 64374

Ion Ratio Lower Upper

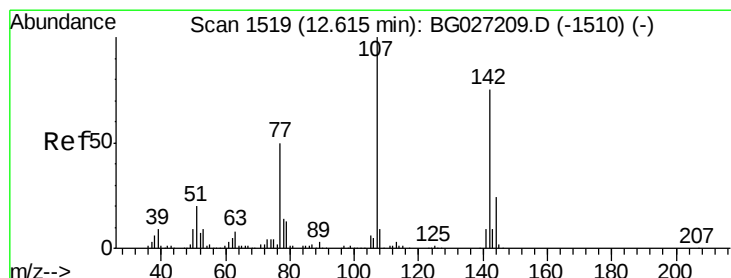
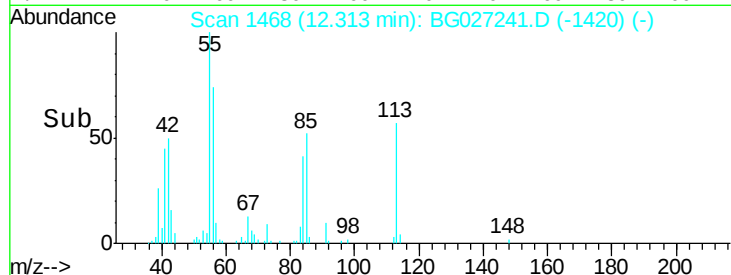
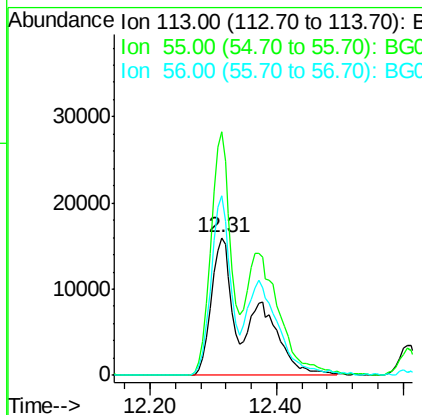
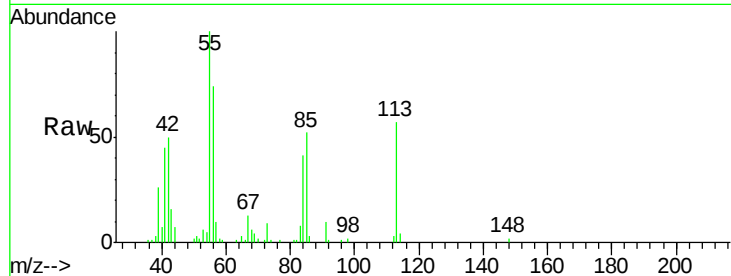
113 100

55 176.8 198.6 238.6#

56 130.8 140.4 180.4#

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#36

4-Chloro-3-methylphenol

Concen: 48.505 ng

RT: 12.61 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

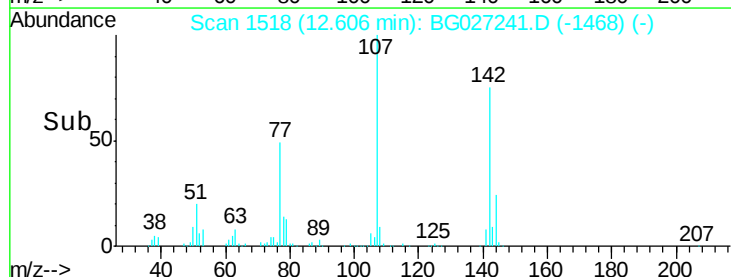
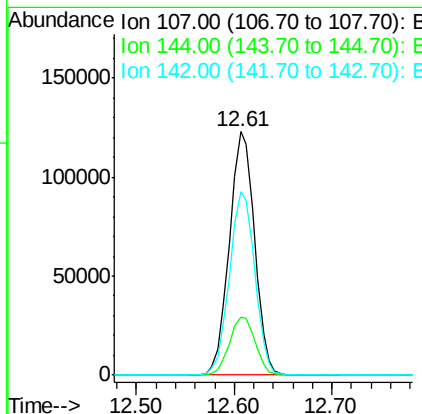
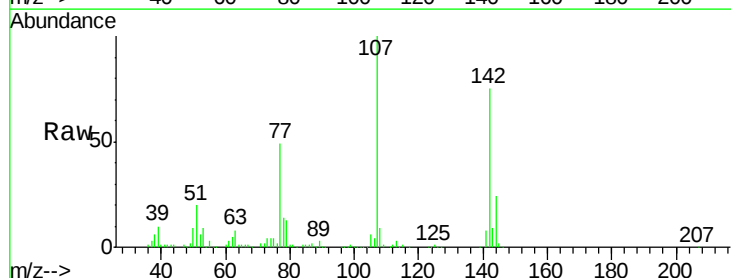
Tgt Ion:107 Resp: 220811

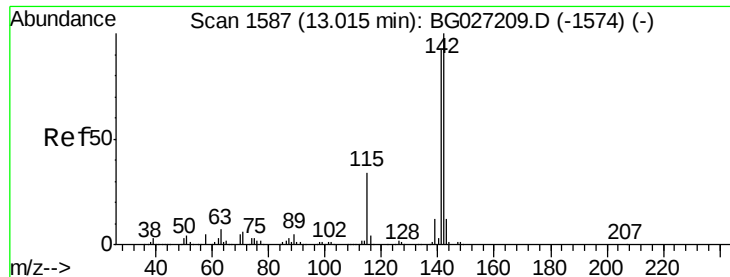
Ion Ratio Lower Upper

107 100

144 23.6 17.4 26.0

142 75.4 54.1 81.1





#37

2-Methylnaphthalene

Concen: 43.396 ng

RT: 13.01 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA\_G

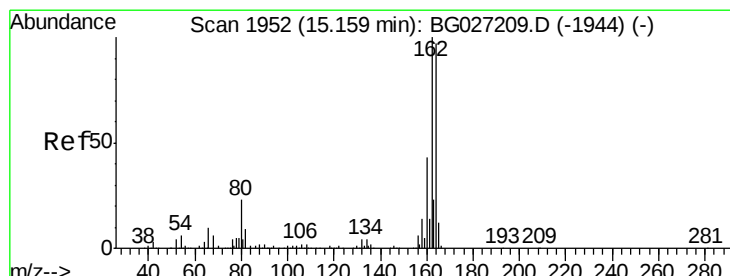
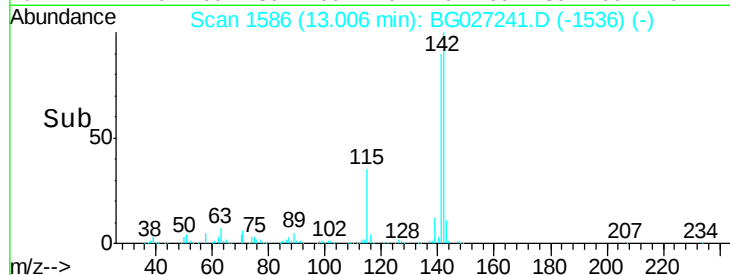
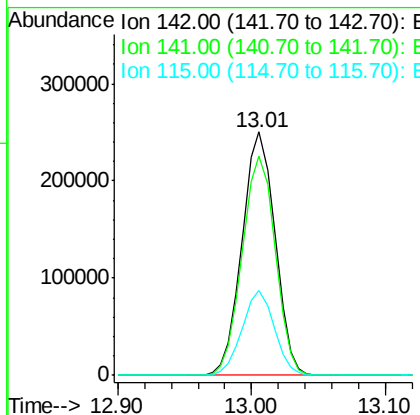
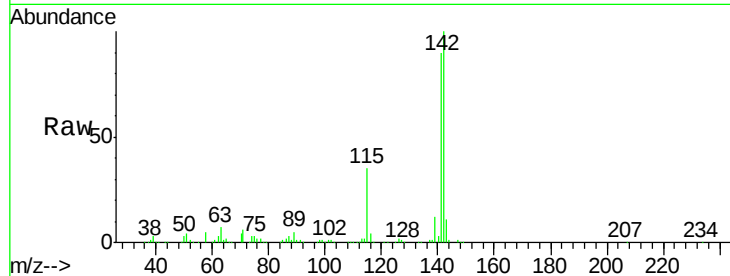
ClientSampleId :

SB-02-COMPMS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 142  | Resp: | 428170 |
| Ion Ratio |      | Lower | Upper  |
| 142       | 100  |       |        |
| 141       | 89.9 | 70.4  | 105.6  |
| 115       | 35.0 | 35.5  | 53.3#  |

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#38

Acenaphthene-d10

Concen: 20.000 ng

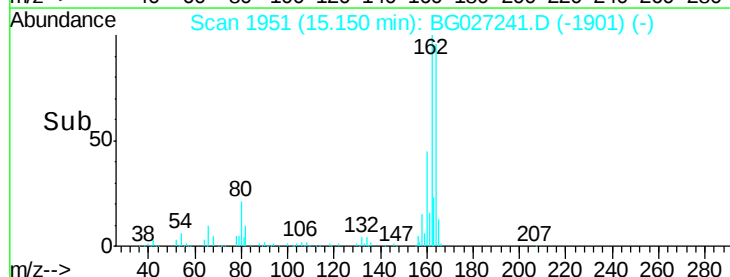
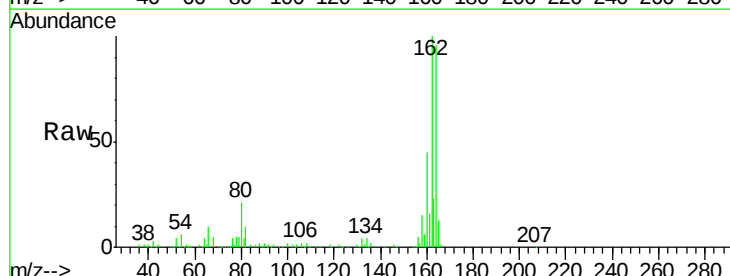
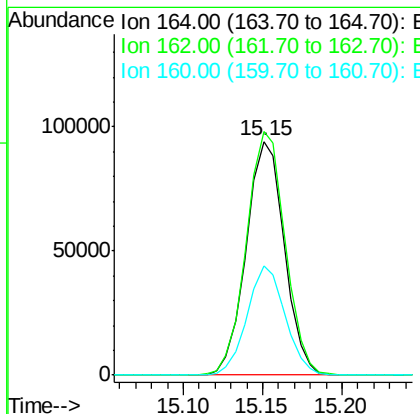
RT: 15.15 min Scan# 1951

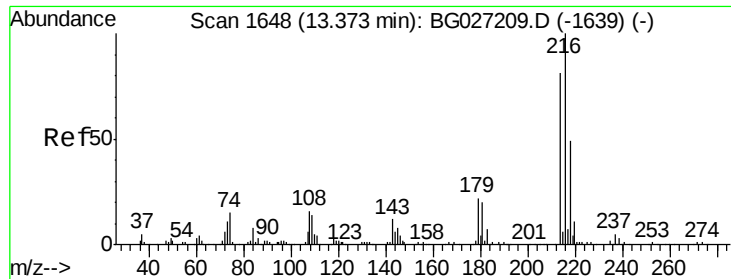
Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 157456 |
| Ion Ratio |       | Lower | Upper  |
| 164       | 100   |       |        |
| 162       | 104.3 | 85.1  | 127.7  |
| 160       | 46.7  | 34.7  | 52.1   |





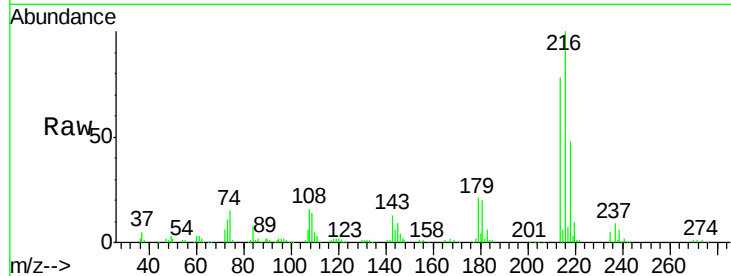
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 42.924 ng  
 RT: 13.36 min Scan# 1647  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMS

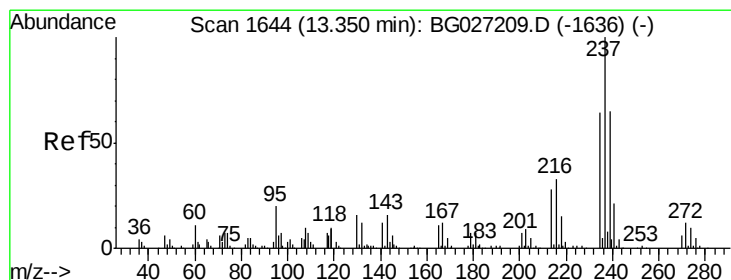
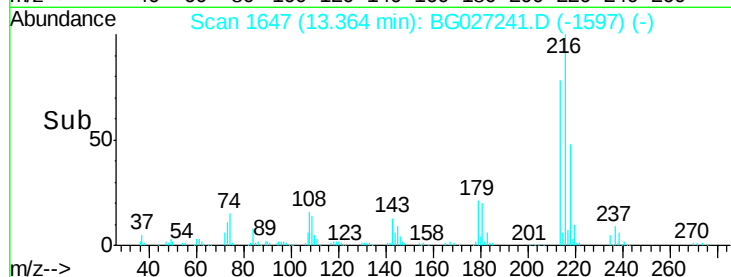
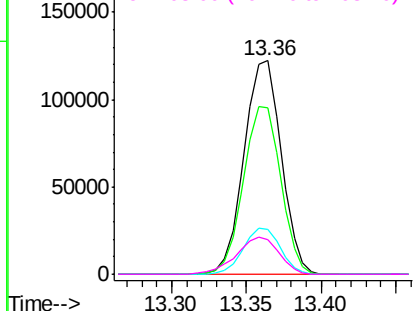
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 210553 |       |       |
| 214     | 78.9  | 64.4   | 96.6  |       |
| 179     | 21.4  | 17.4   | 26.0  |       |
| 108     | 19.8  | 15.6   | 23.4  |       |

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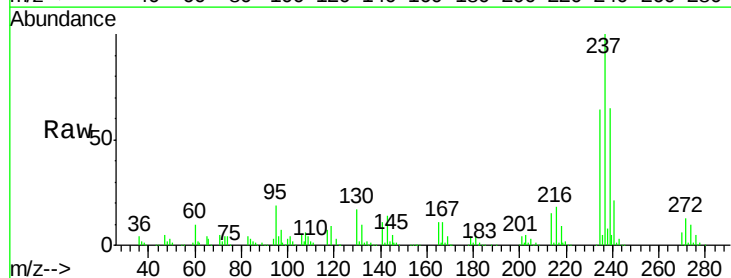


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

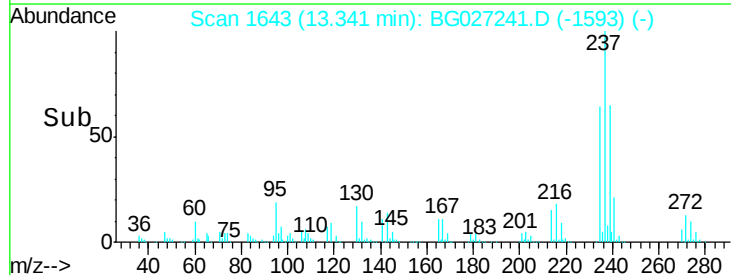
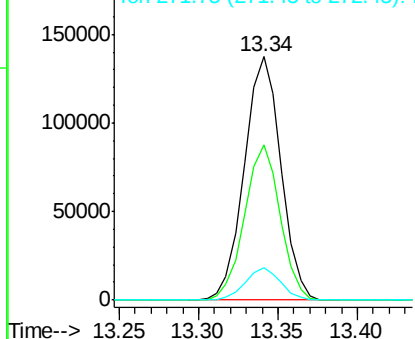


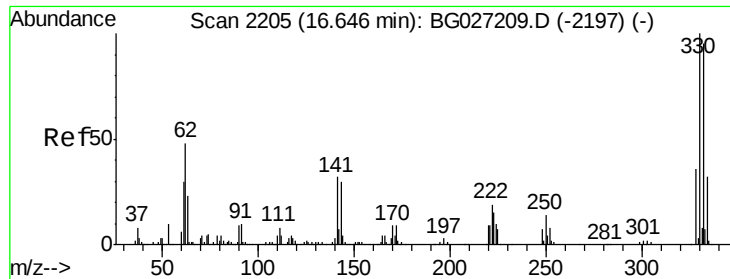
#40  
 Hexachlorocyclopentadiene  
 Concen: 84.288 ng  
 RT: 13.34 min Scan# 1643  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 220055 |       |       |
| 235     | 63.5  | 39.4   | 79.4  |       |
| 272     | 13.1  | 0.0    | 32.0  |       |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E





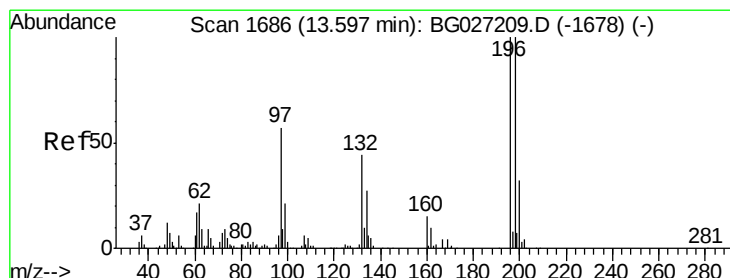
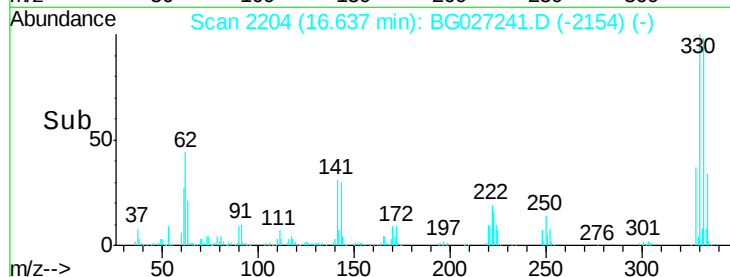
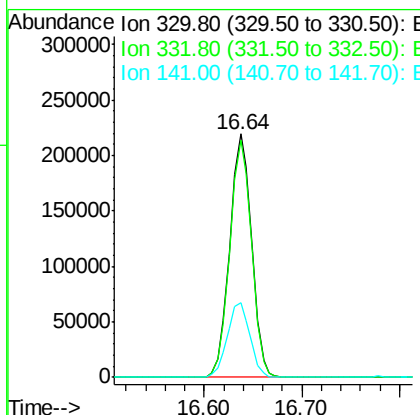
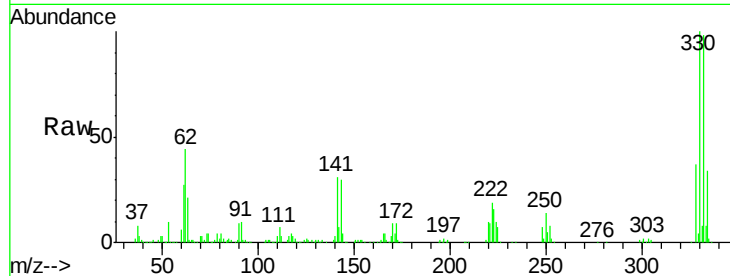
#41  
 2,4,6-Tribromophenol  
 Concen: 164.521 ng  
 RT: 16.64 min Scan# 2204  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 341121 |       |       |
| 332     | 97.1  | 77.3   | 115.9 |       |
| 141     | 31.9  | 32.1   | 48.1# |       |

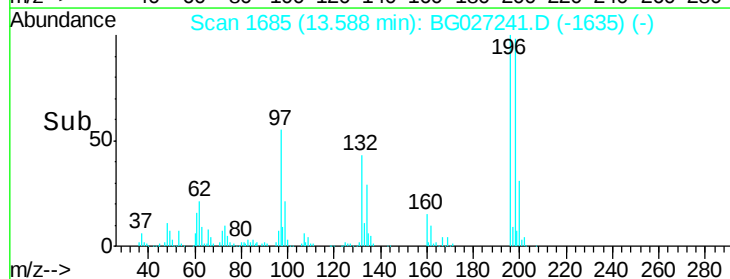
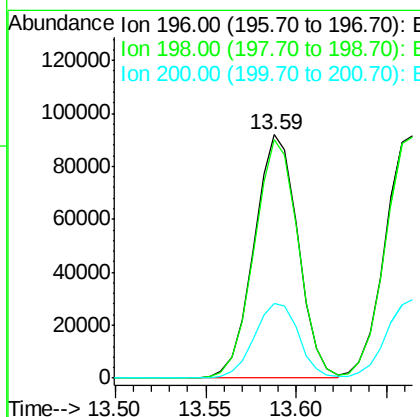
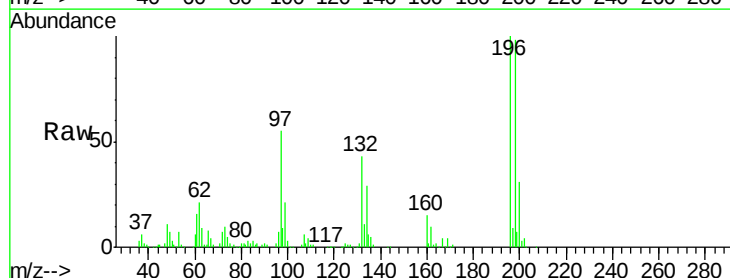
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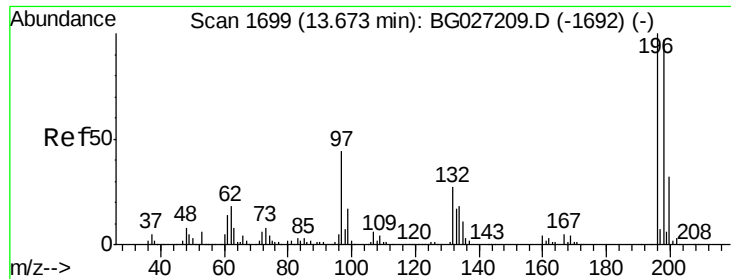
mohammad  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 51.978 ng  
 RT: 13.59 min Scan# 1685  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 154643 |       |       |
| 198     | 97.9  | 81.4   | 122.2 |       |
| 200     | 30.8  | 27.0   | 40.6  |       |





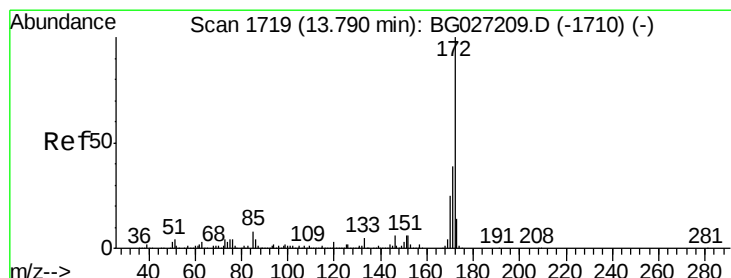
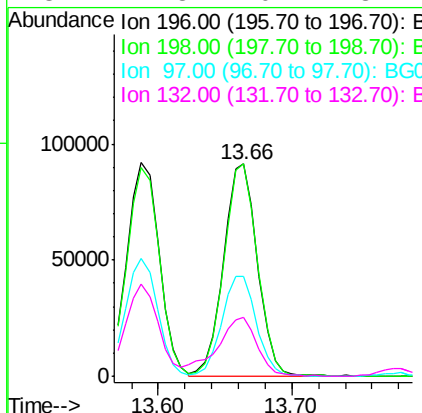
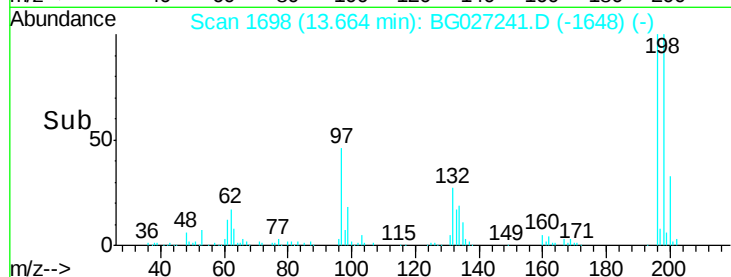
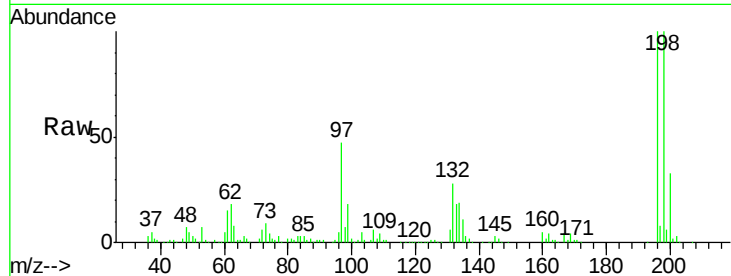
#43  
 2,4,5-Trichlorophenol  
 Concen: 48.386 ng  
 RT: 13.66 min Scan# 1698  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 161090 |       |       |
| 198     | 99.8  | 79.9   | 119.9 |       |
| 97      | 47.1  | 45.4   | 68.0  |       |
| 132     | 27.8  | 20.7   | 31.1  |       |

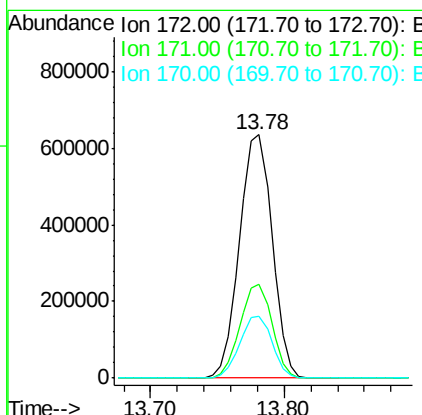
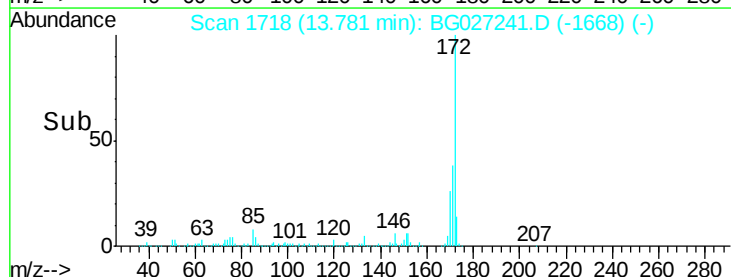
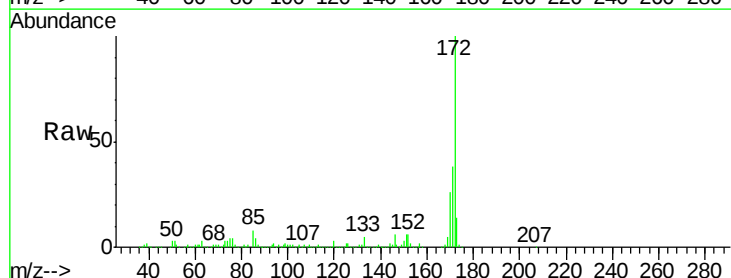
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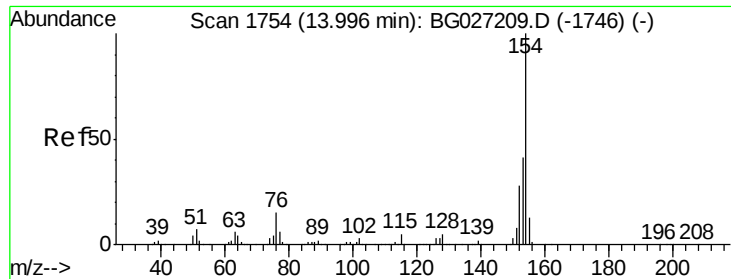
mohammad  
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#44  
 2-Fluorobiphenyl  
 Concen: 95.662 ng  
 RT: 13.78 min Scan# 1718  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1076681 |       |       |
| 171     | 38.5  | 32.2    | 48.2  |       |
| 170     | 25.6  | 21.8    | 32.6  |       |





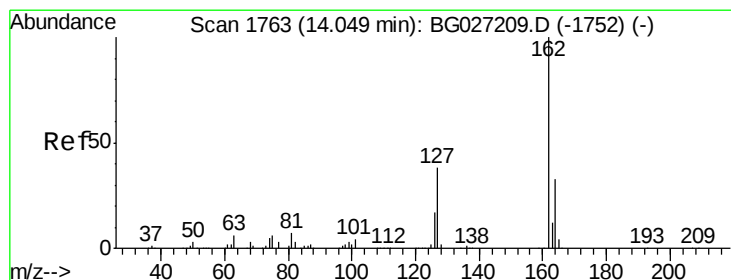
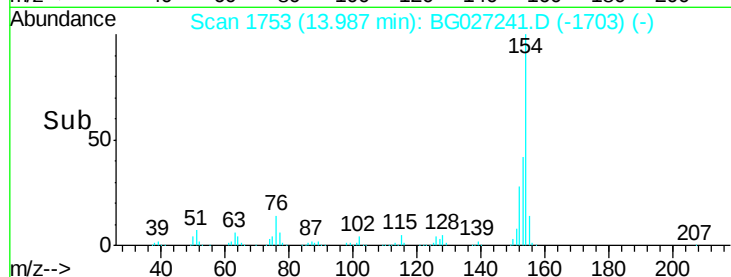
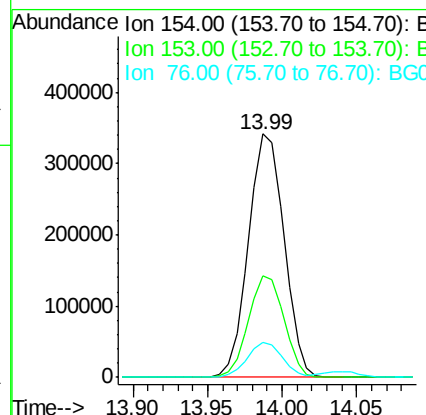
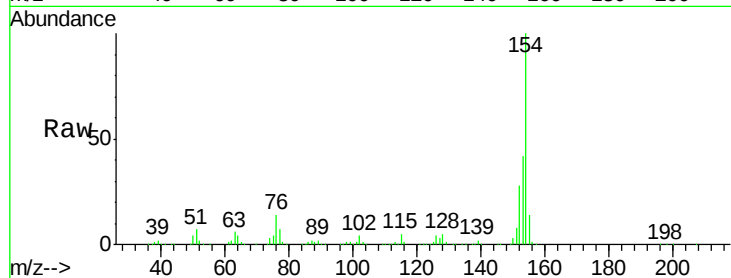
#45  
1,1'-Biphenyl  
Concen: 43.946 ng  
RT: 13.99 min Scan# 1753  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 154     | 100   |            |            |
| 153     | 41.6  | 23.0       | 63.0       |
| 76      | 14.5  | 0.0        | 33.5       |

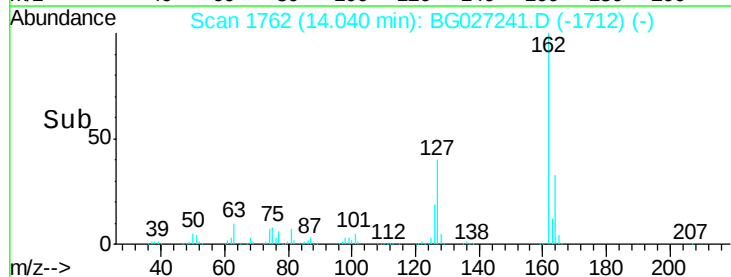
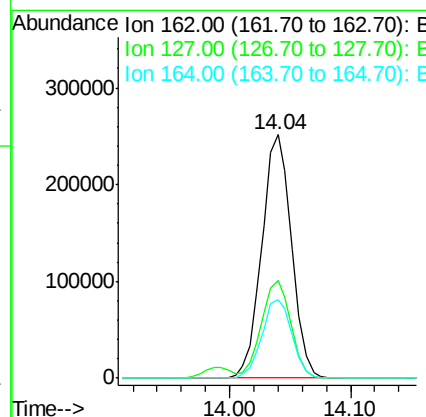
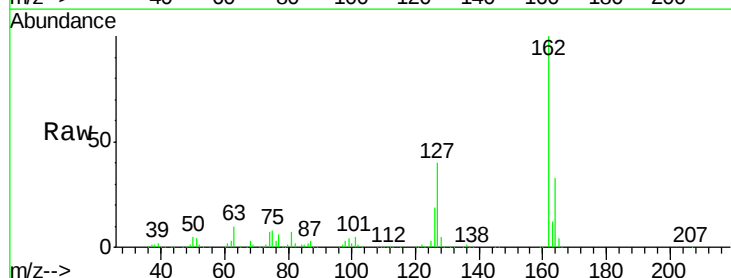
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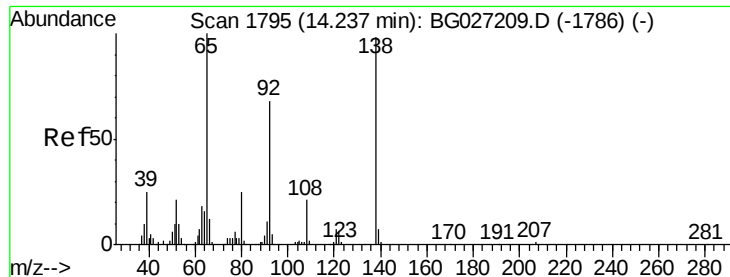
mohammad  
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#46  
2-Chloronaphthalene  
Concen: 44.667 ng  
RT: 14.04 min Scan# 1762  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 127     | 40.2  | 32.2       | 48.4       |
| 164     | 32.5  | 27.3       | 40.9       |





#47

2-Nitroaniline

Concen: 49.018 ng

RT: 14.23 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA\_G

ClientSampleId :

SB-02-COMPMS

Tgt Ion: 65 Resp: 134785  
Ion Ratio Lower Upper

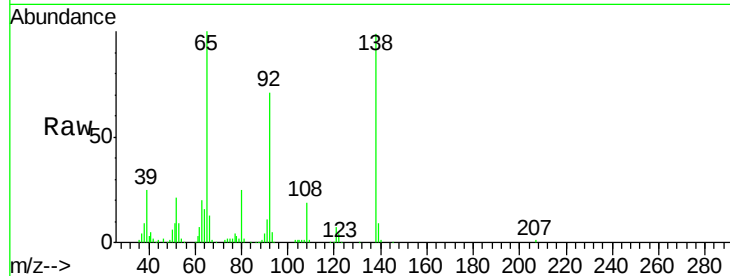
65 100

92 70.8 49.0 73.4

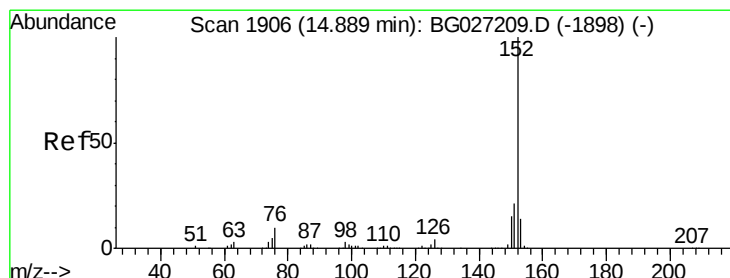
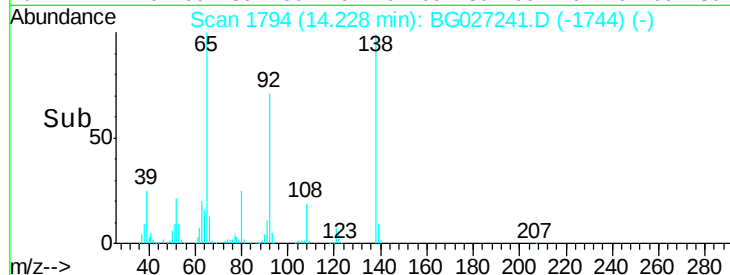
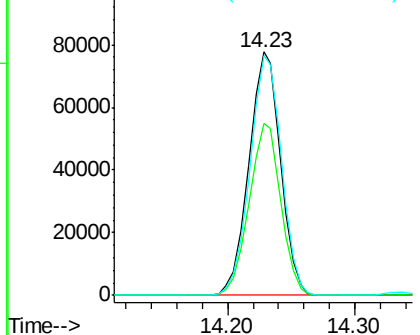
138 98.7 58.6 87.8#

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



#48

Acenaphthylene

Concen: 42.330 ng

RT: 14.88 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG027241.D

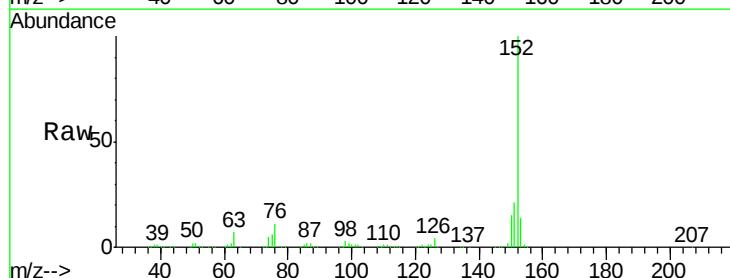
Acq: 6 Jun 2017 9:42

Tgt Ion: 152 Resp: 690291  
Ion Ratio Lower Upper

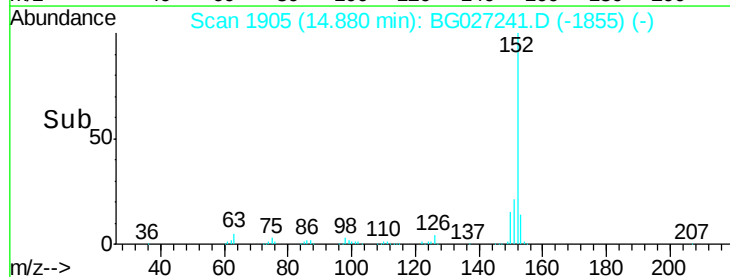
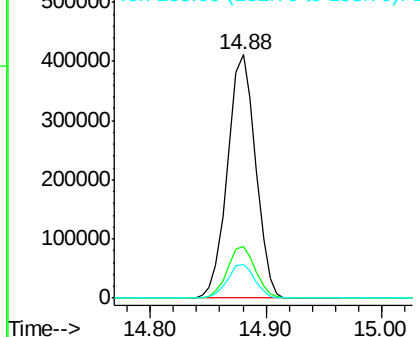
152 100

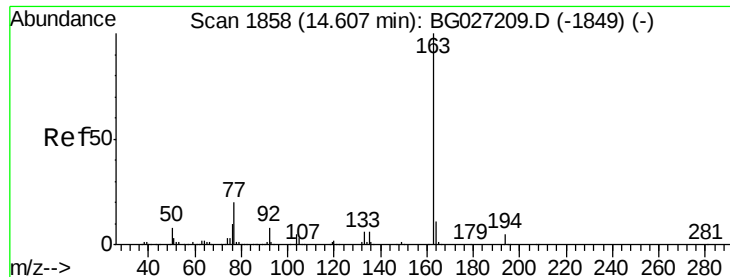
151 21.4 18.2 27.2

153 13.8 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): BGC  
Ion 151.00 (150.70 to 151.70): BGC  
Ion 153.00 (152.70 to 153.70): BGC





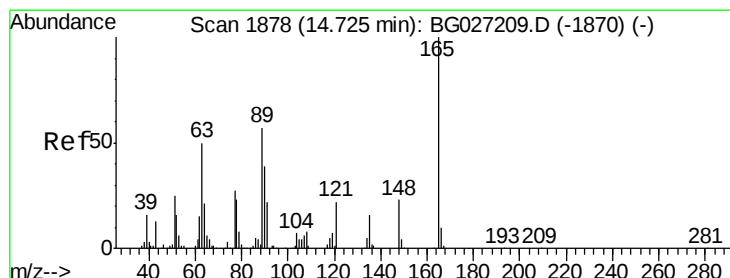
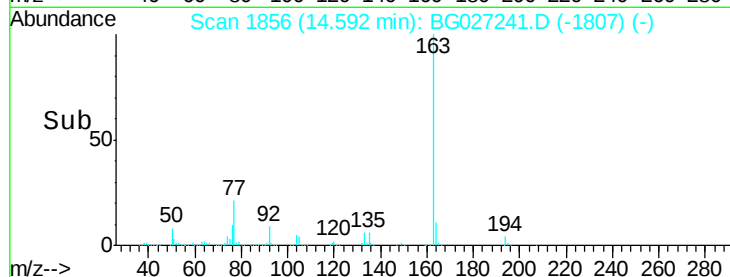
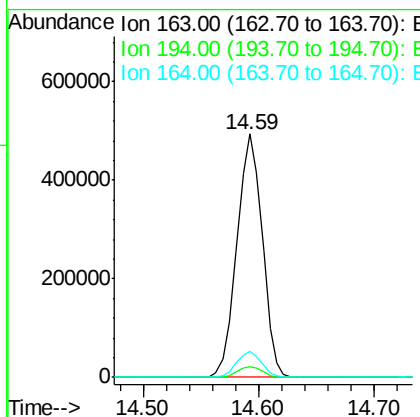
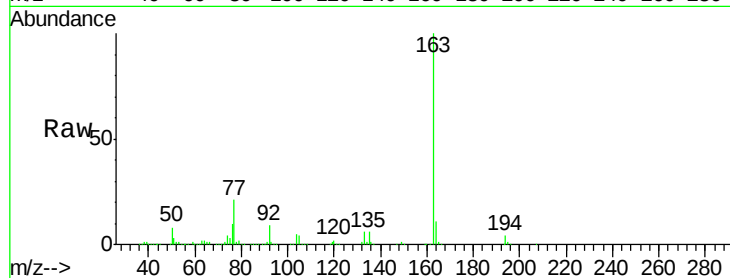
#49  
Dimethylphthalate  
Concen: 60.125 ng  
RT: 14.59 min Scan# 1856  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 4.5   | 3.8        | 5.6        |
| 164     | 10.7  | 9.3        | 13.9       |

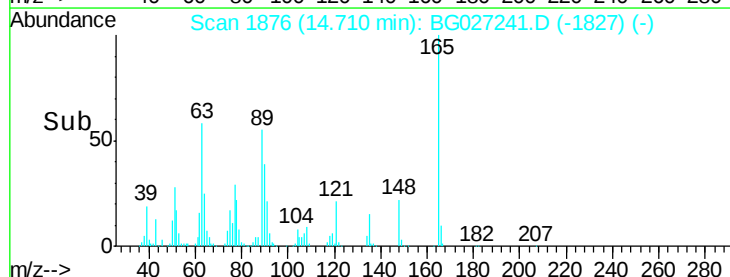
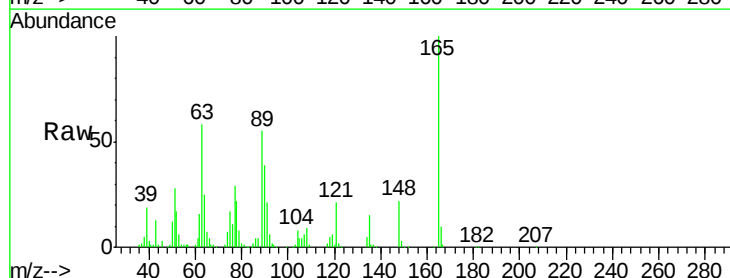
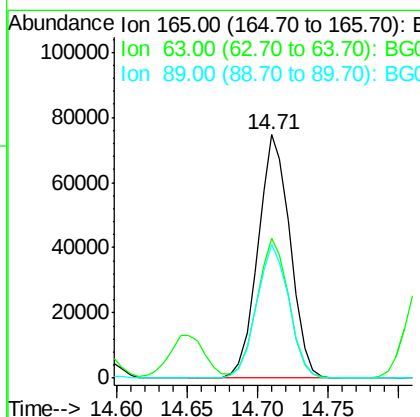
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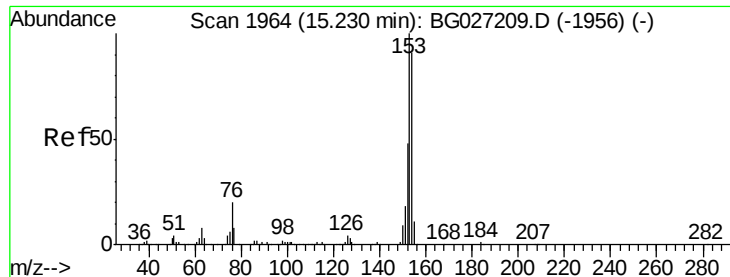
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#50  
2,6-Dinitrotoluene  
Concen: 47.101 ng  
RT: 14.71 min Scan# 1876  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 57.6  | 63.9       | 95.9#      |
| 89      | 55.0  | 58.6       | 88.0#      |





#51

Acenaphthene

Concen: 46.961 ng

RT: 15.22 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA\_G

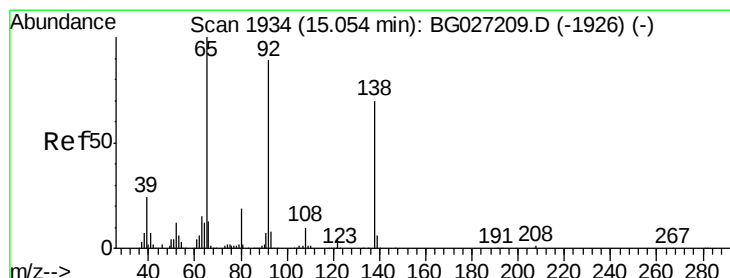
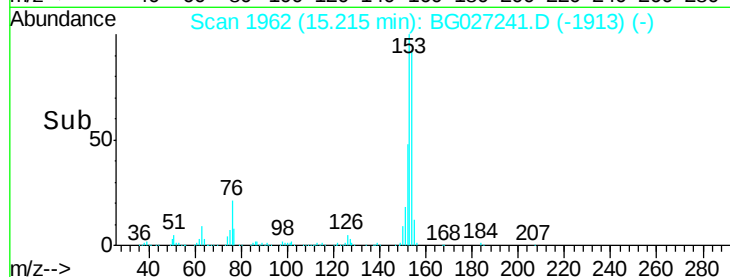
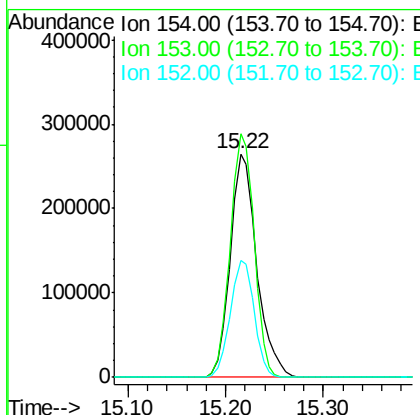
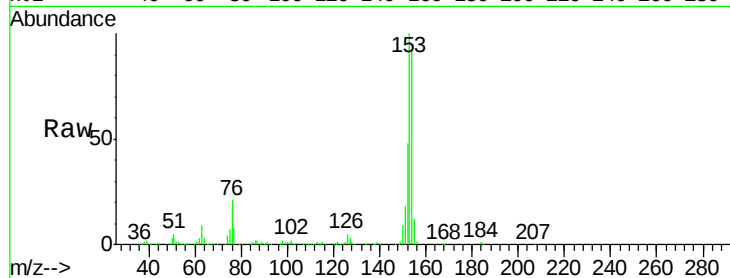
ClientSampleId :

SB-02-COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 498139 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 108.9 | 87.8  | 131.6  |
| 152       | 52.1  | 42.2  | 63.4   |

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#52

3-Nitroaniline

Concen: 26.426 ng

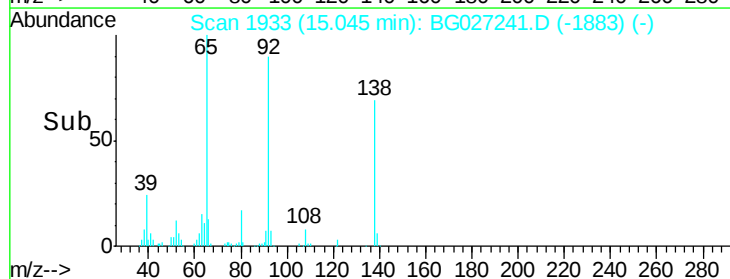
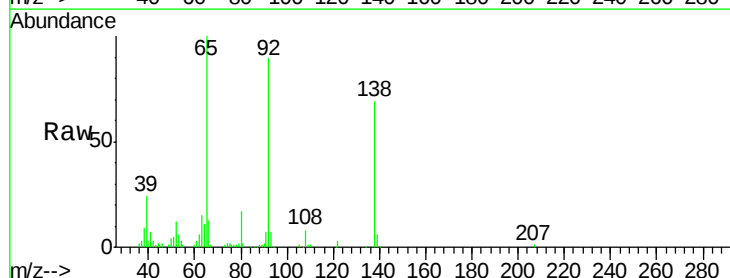
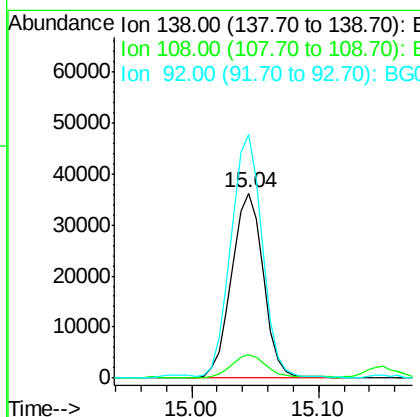
RT: 15.04 min Scan# 1933

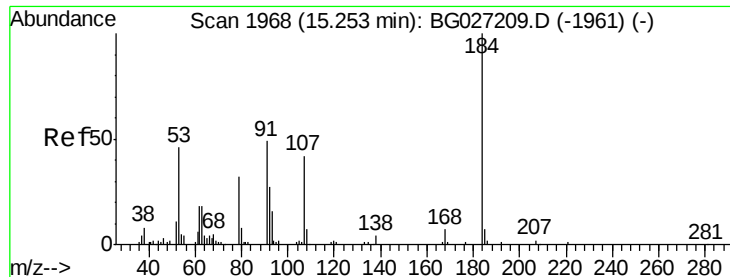
Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 62578 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 12.3  | 10.9  | 16.3  |
| 92        | 131.3 | 115.3 | 172.9 |





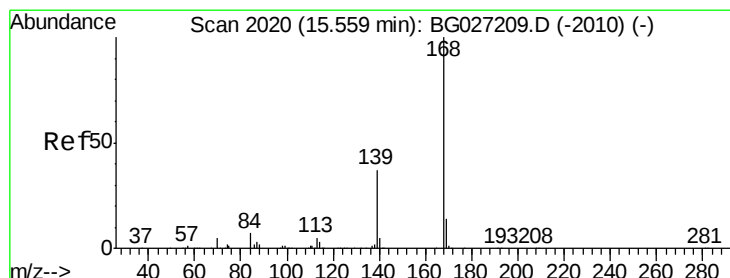
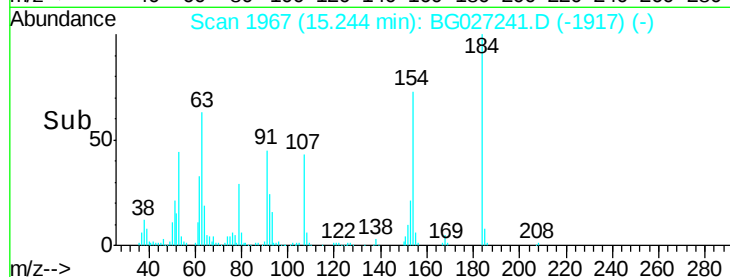
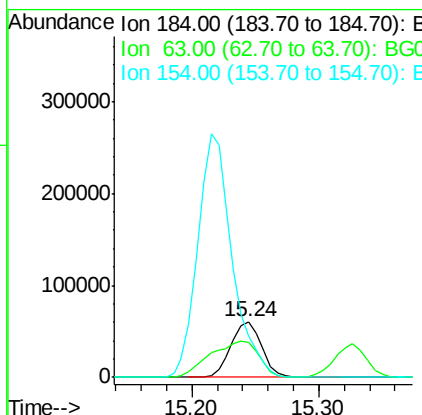
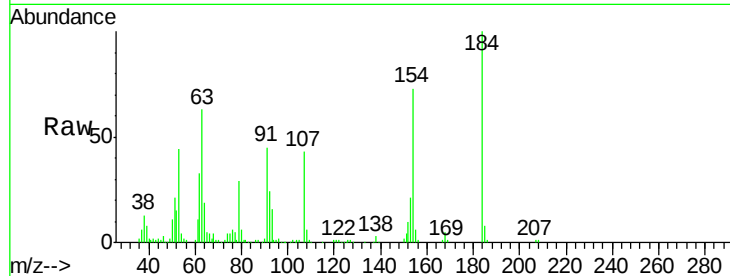
#53  
2,4-Dinitrophenol  
Concen: 81.627 ng  
RT: 15.24 min Scan# 1967  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 100733 |       |       |
| 63      | 62.9  | 52.7   | 79.1  |       |
| 154     | 72.9  | 57.3   | 85.9  |       |

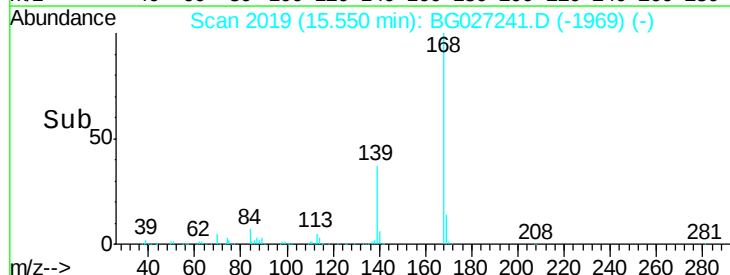
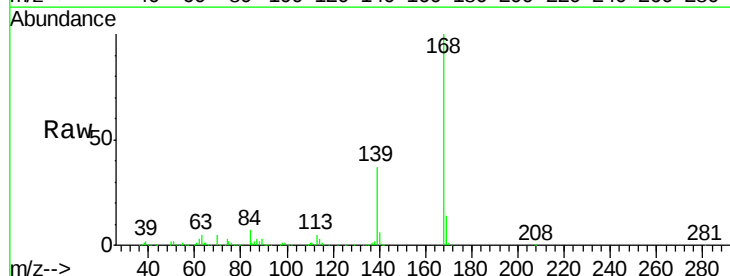
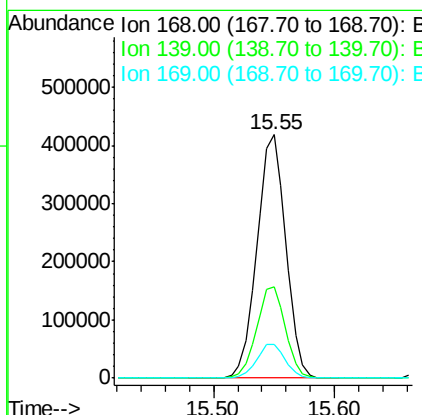
Manual Integrations  
APPROVED

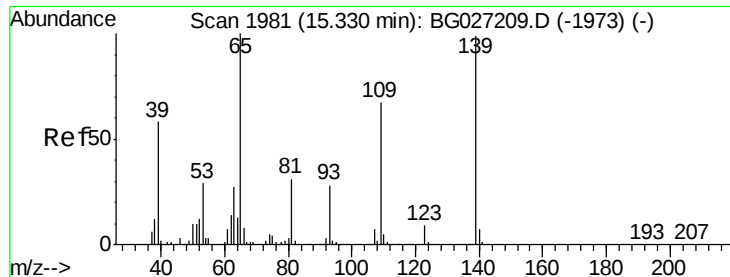
mohammad  
6/8/2017 8:24:12 AM



#54  
Dibenzofuran  
Concen: 46.487 ng  
RT: 15.55 min Scan# 2019  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 689086 |       |       |
| 139     | 37.3  | 35.3   | 52.9  |       |
| 169     | 13.8  | 11.5   | 17.3  |       |





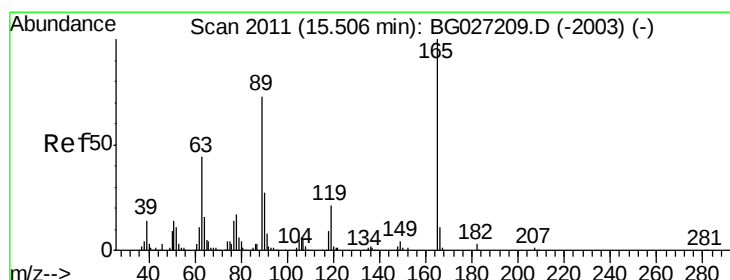
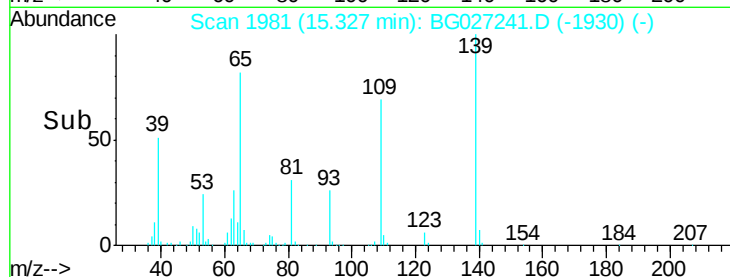
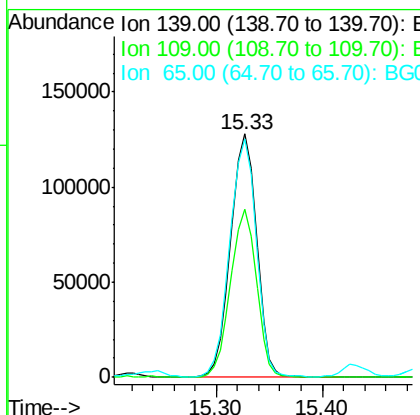
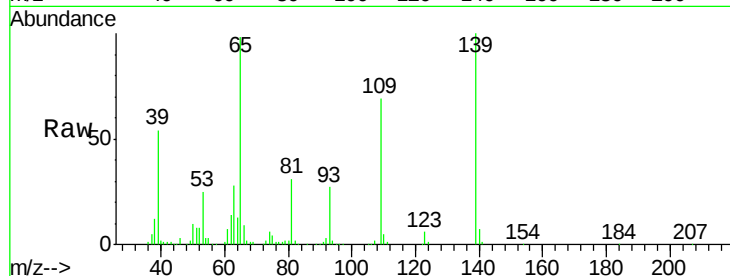
#55  
4-Nitrophenol  
Concen: 91.828 ng  
RT: 15.33 min Scan# 1981  
Delta R.T. -0.00 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 139     | 100   | 218971 |        |       |
| 109     | 69.0  | 101.2  | 141.2# |       |
| 65      | 97.9  | 135.3  | 175.3# |       |

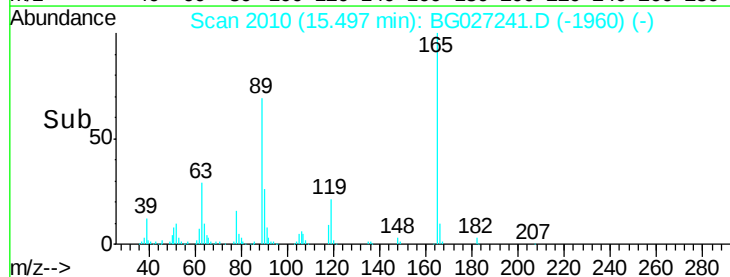
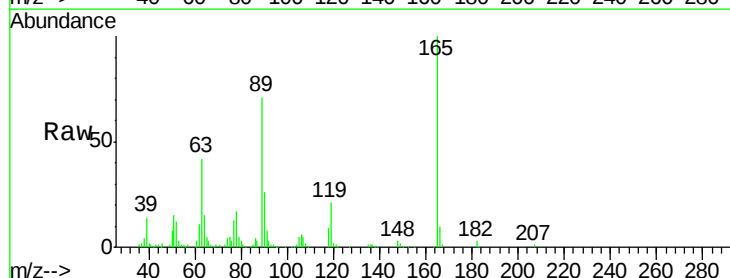
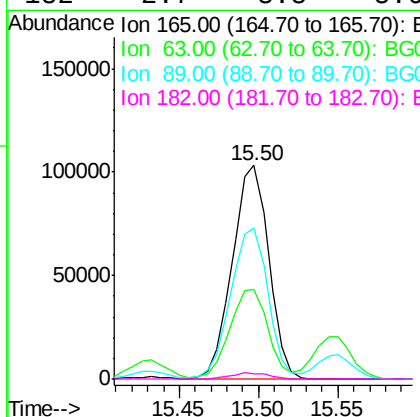
Manual Integrations  
APPROVED

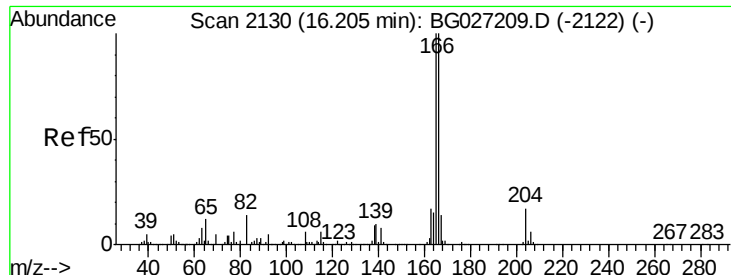
mohammad  
6/8/2017 8:24:12 AM



#56  
2,4-Dinitrotoluene  
Concen: 50.400 ng  
RT: 15.50 min Scan# 2010  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 164942 |       |       |
| 63      | 41.7  | 44.0   | 66.0# |       |
| 89      | 70.7  | 67.3   | 100.9 |       |
| 182     | 2.7   | 3.8    | 5.6#  |       |





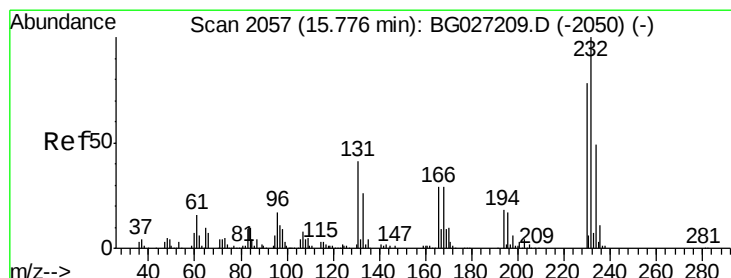
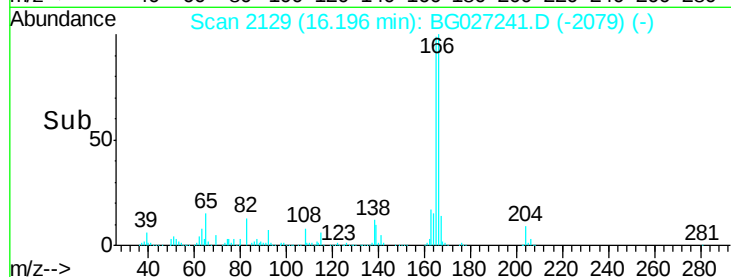
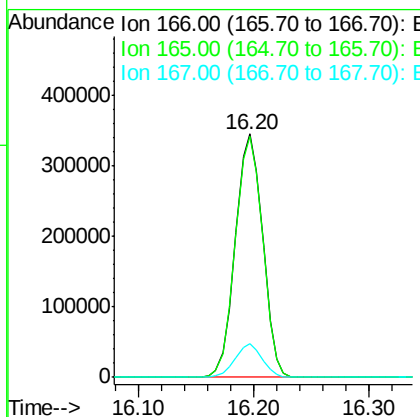
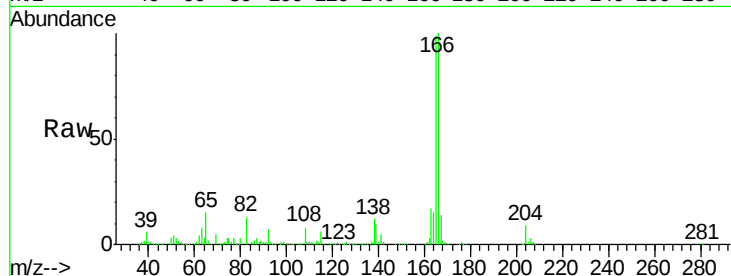
#57  
 Fluorene  
 Concen: 42.866 ng  
 RT: 16.20 min Scan# 2129  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 564380 |       |       |
| 165     | 99.2  | 78.6   | 117.8 |       |
| 167     | 13.9  | 11.6   | 17.4  |       |

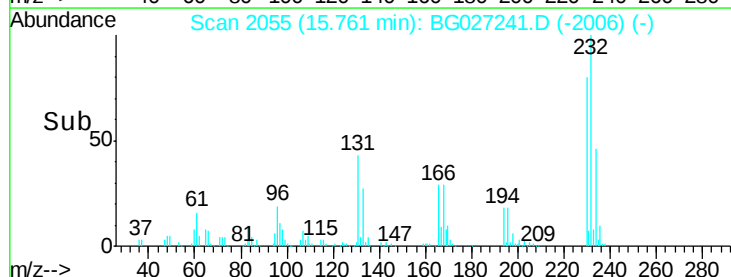
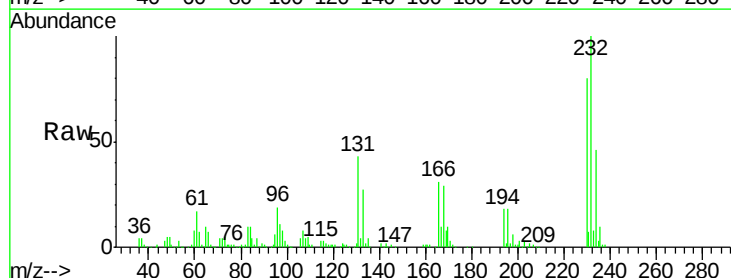
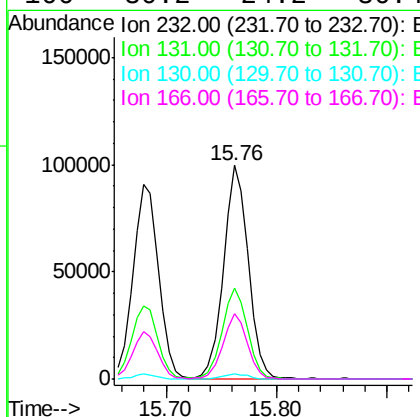
Manual Integrations  
 APPROVED

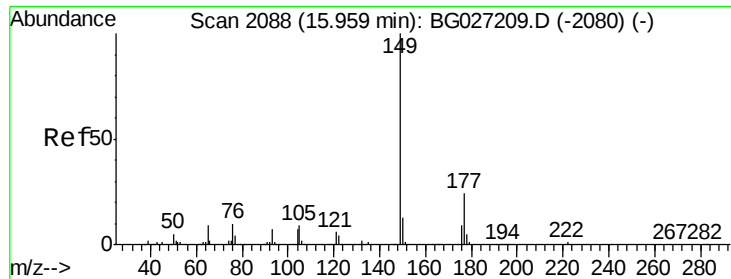
mohammad  
 6/8/2017 8:24:12 AM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 52.453 ng  
 RT: 15.76 min Scan# 2055  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 155888 |       |       |
| 131     | 43.4  | 34.9   | 52.3  |       |
| 130     | 2.5   | 2.3    | 3.5   |       |
| 166     | 30.2  | 24.2   | 36.4  |       |





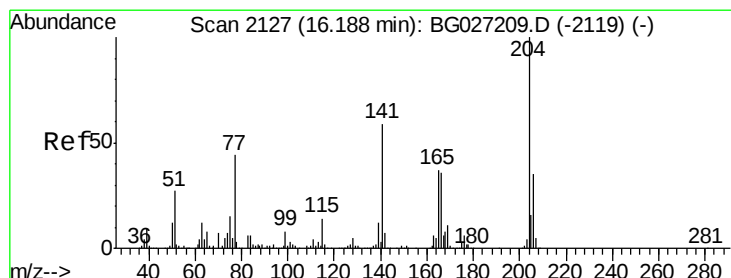
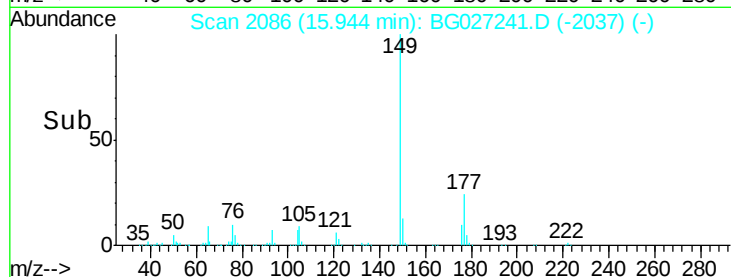
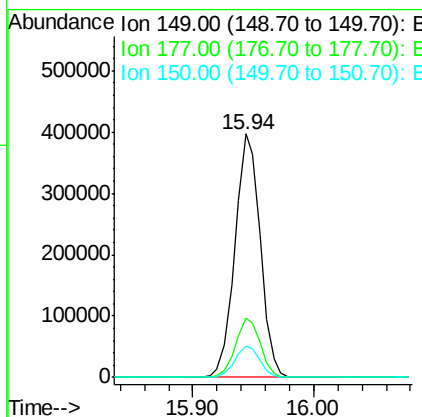
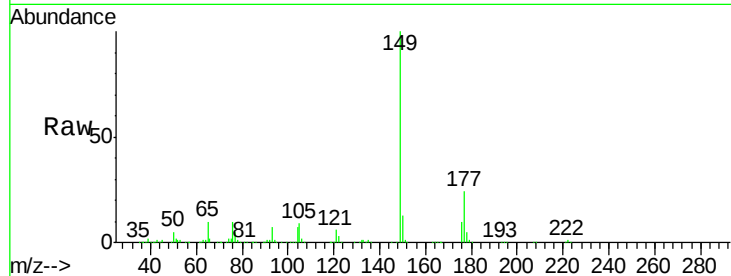
#59  
Diethylphthalate  
Concen: 46.273 ng  
RT: 15.94 min Scan# 2086  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 24.1  | 20.1       | 30.1       |
| 150     | 13.0  | 10.2       | 15.2       |

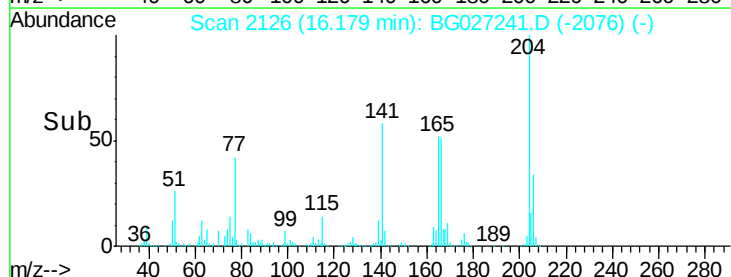
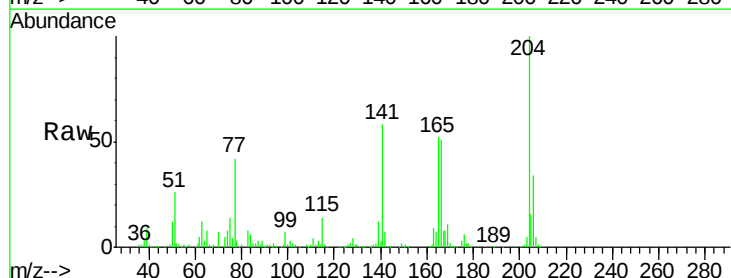
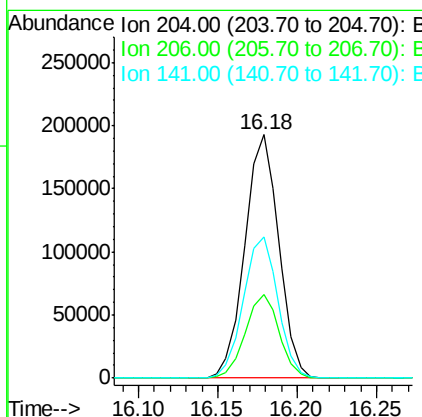
Manual Integrations  
APPROVED

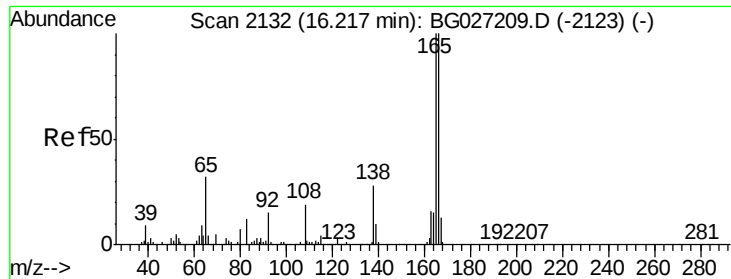
mohammad  
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#60  
4-Chlorophenyl-phenylether  
Concen: 43.170 ng  
RT: 16.18 min Scan# 2126  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 34.2  | 30.1       | 45.1       |
| 141     | 58.0  | 50.6       | 76.0       |





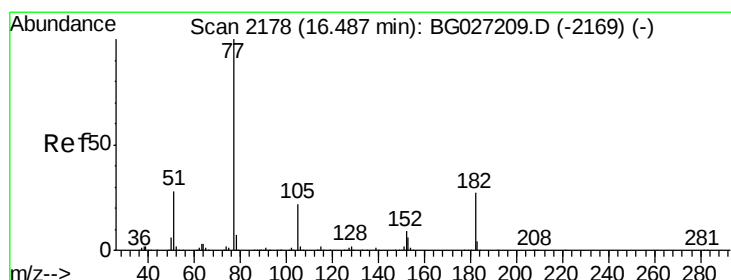
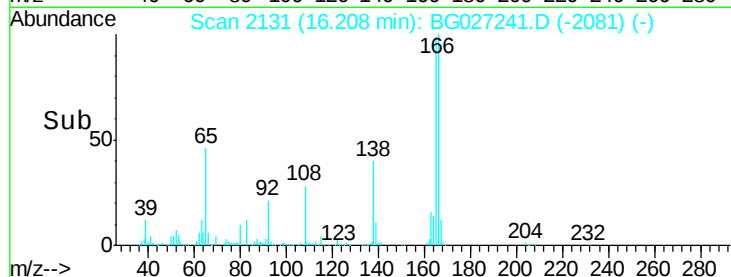
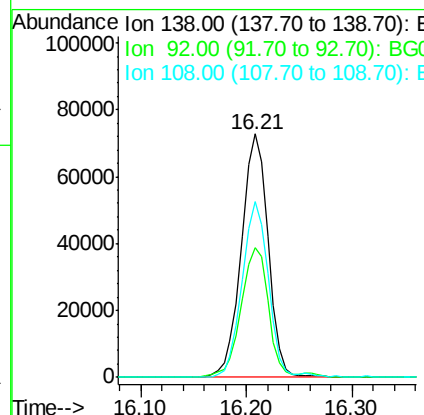
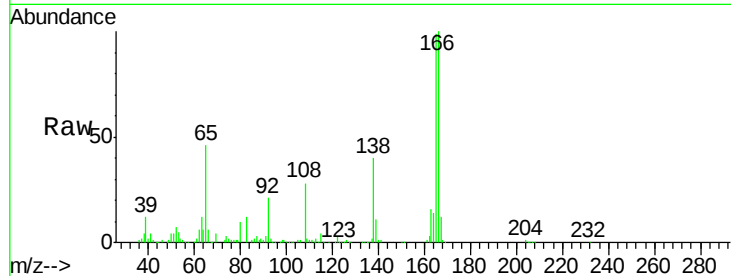
#61  
4-Nitroaniline  
Concen: 47.471 ng  
RT: 16.21 min Scan# 2131  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 127654 |       |       |
| 92      | 53.2  | 44.2   | 84.2  |       |
| 108     | 72.0  | 104.8  | 144.8 |       |

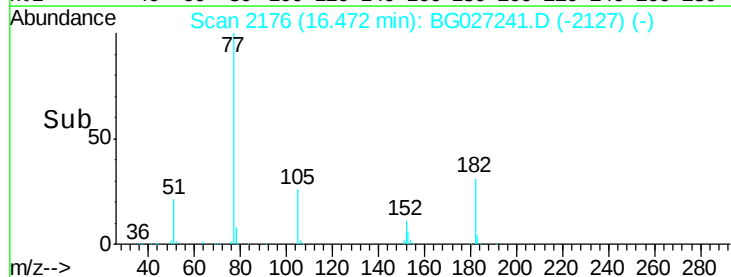
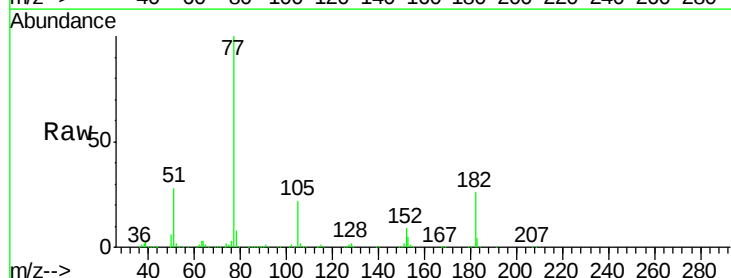
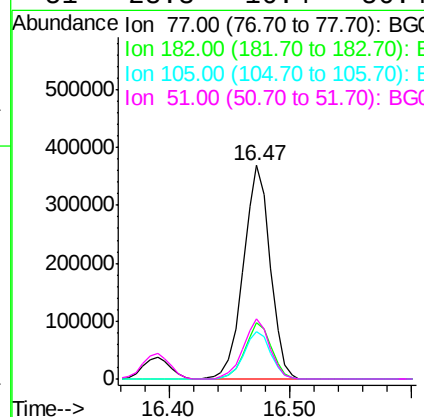
Manual Integrations  
APPROVED

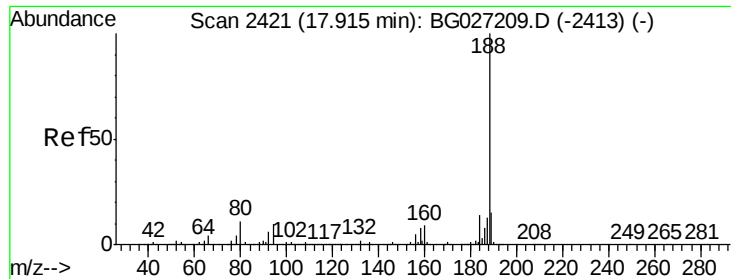
mohammad  
6/8/2017 8:24:12 AM



#62  
Azobenzene  
Concen: 49.206 ng  
RT: 16.47 min Scan# 2176  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 568194 |       |       |
| 182     | 26.1  | 4.7    | 44.7  |       |
| 105     | 22.0  | 0.0    | 36.3  |       |
| 51      | 28.3  | 16.4   | 56.4  |       |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.90 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA\_G

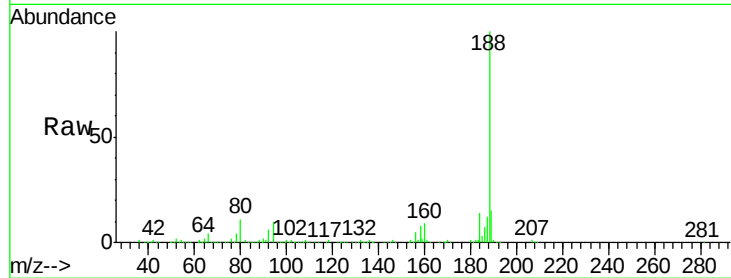
ClientSampleId :

SB-02-COMPMS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 369831 |       |       |
| 94      | 10.0  | 5.8    | 8.8#  |       |
| 80      | 11.1  | 7.5    | 11.3  |       |

Manual Integrations  
APPROVED

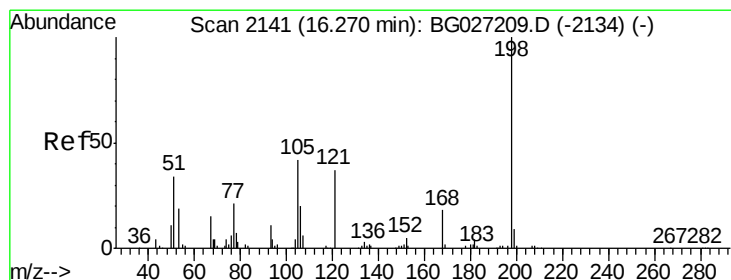
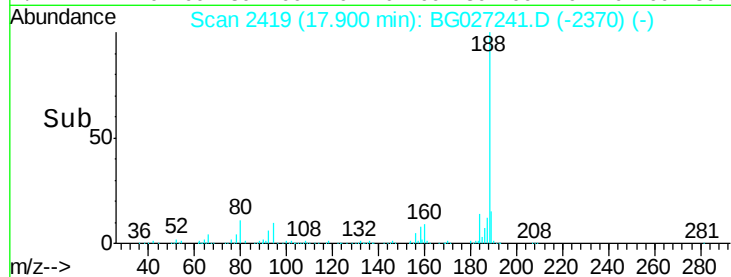
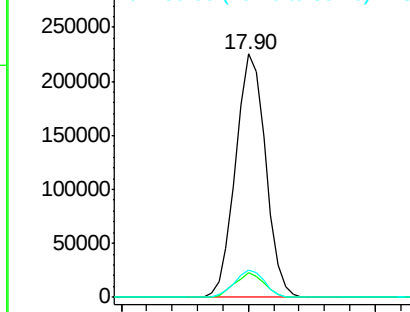
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 52.778 ng

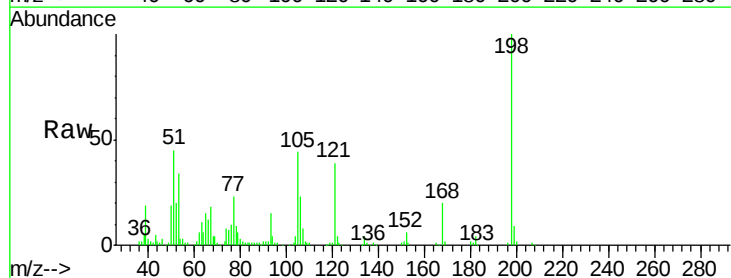
RT: 16.26 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

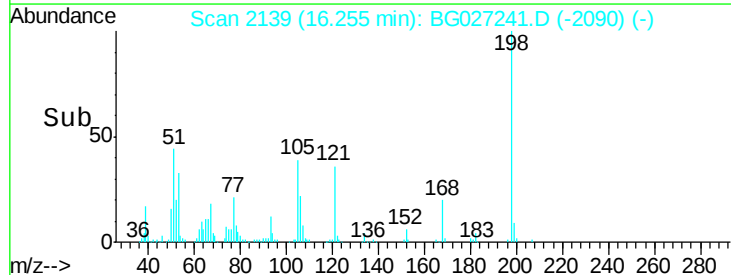
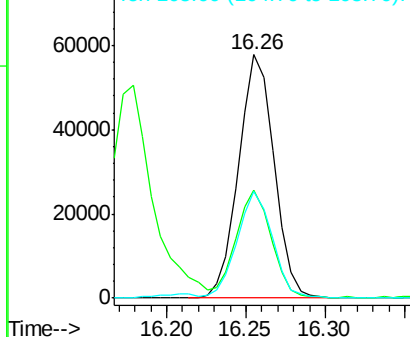
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 89860 |       |       |
| 51      | 44.5  | 22.6  | 62.6  |       |
| 105     | 43.8  | 14.4  | 54.4  |       |

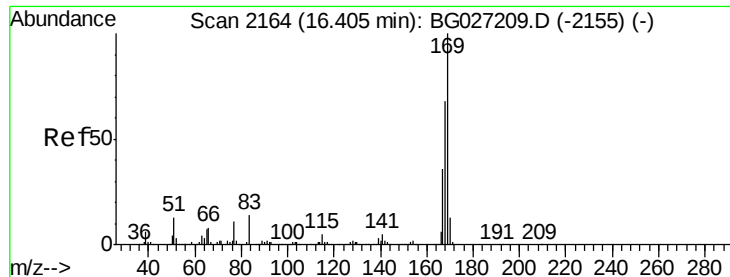


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.751 ng

RT: 16.39 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA\_G

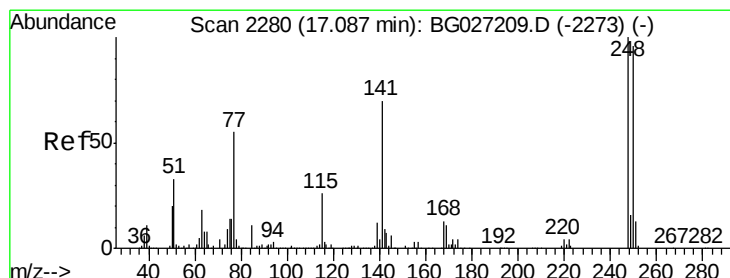
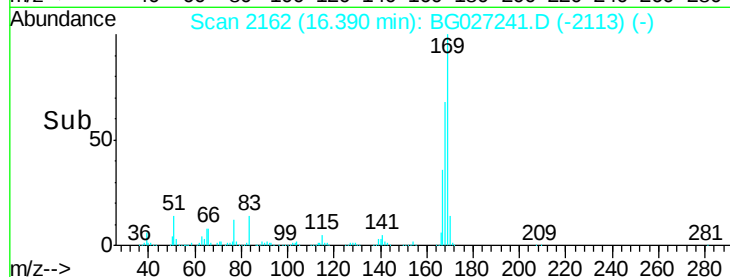
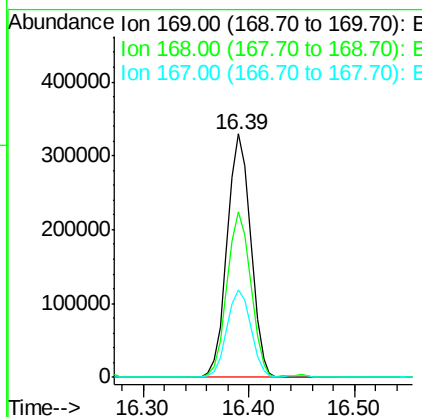
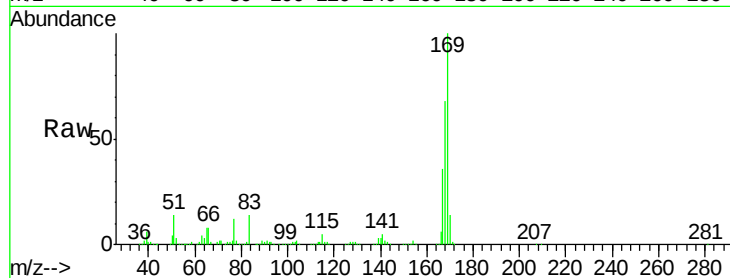
ClientSampleId :

SB-02-COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 507267 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.9  | 55.7  | 83.5   |
| 167       | 36.1  | 29.8  | 44.6   |

Manual Integrations  
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#66

4-Bromophenyl-phenylether

Concen: 43.410 ng

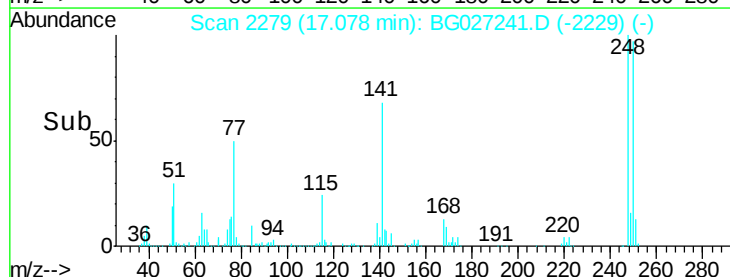
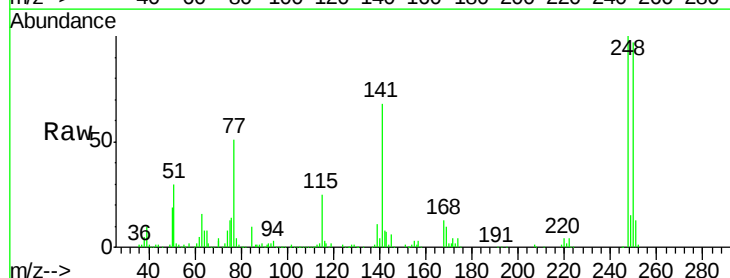
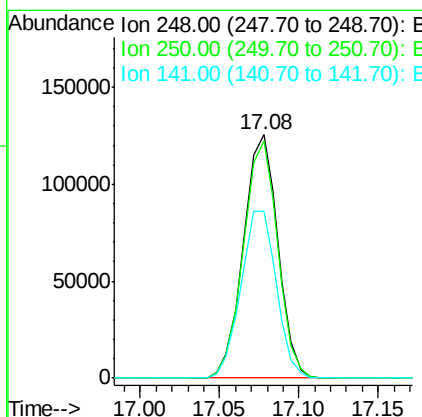
RT: 17.08 min Scan# 2279

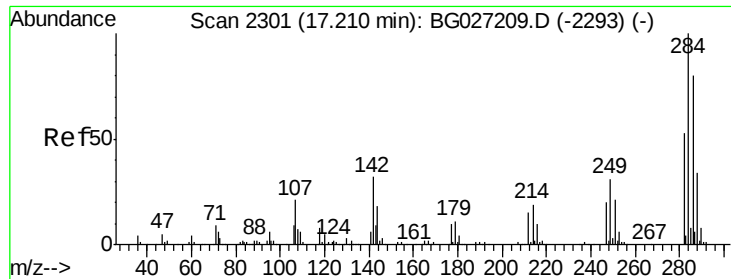
Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 190015 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 97.2  | 75.0  | 112.6  |
| 141       | 68.5  | 55.2  | 82.8   |





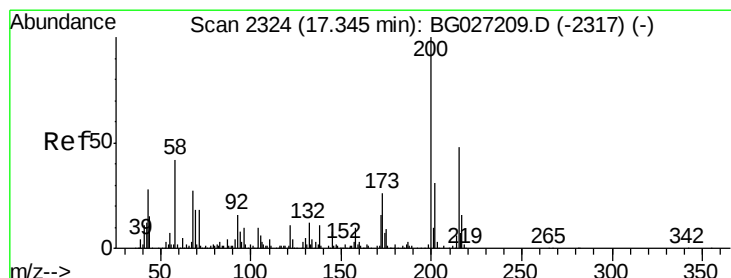
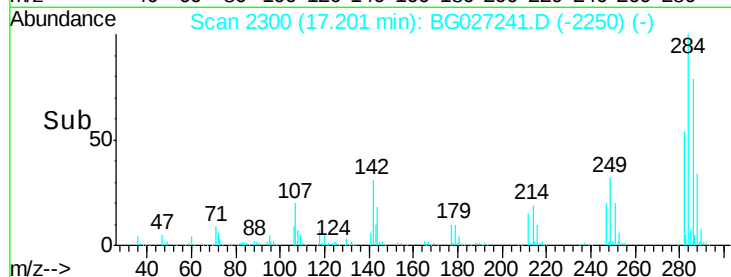
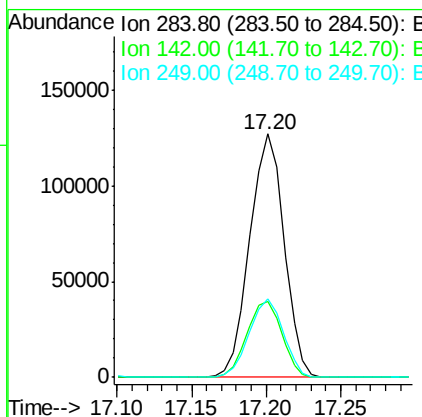
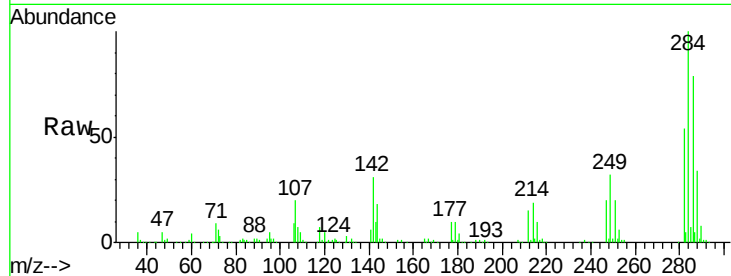
#67  
Hexachlorobenzene  
Concen: 42.922 ng  
RT: 17.20 min Scan# 2300  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 284     | 100   |            |            |
| 142     | 31.3  | 29.9       | 44.9       |
| 249     | 32.2  | 29.2       | 43.8       |

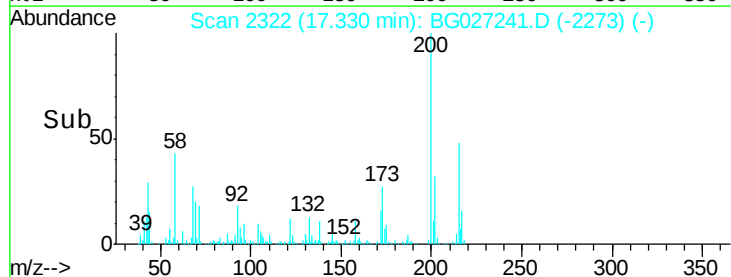
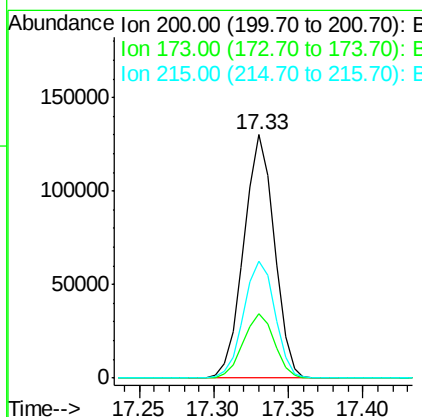
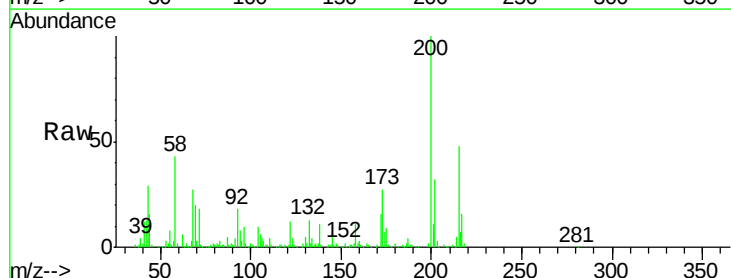
Manual Integrations  
APPROVED

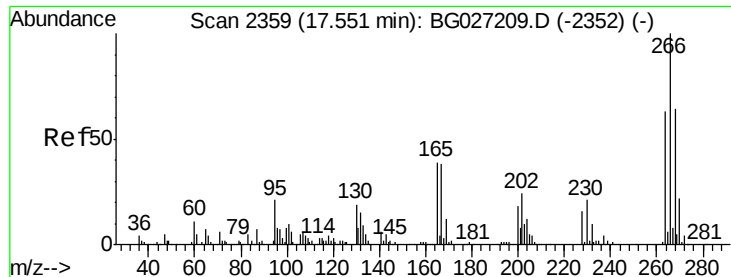
mohammad  
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#68  
Atrazine  
Concen: 47.632 ng  
RT: 17.33 min Scan# 2322  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 26.5  | 3.0        | 43.0       |
| 215     | 48.2  | 28.4       | 68.4       |





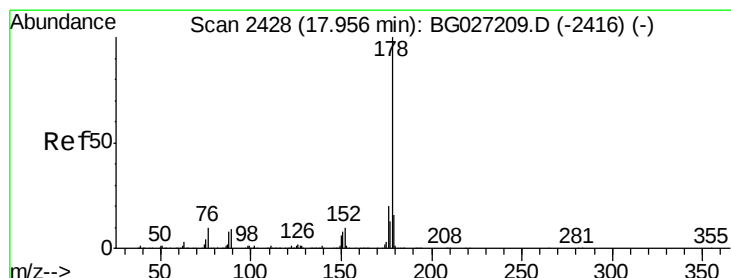
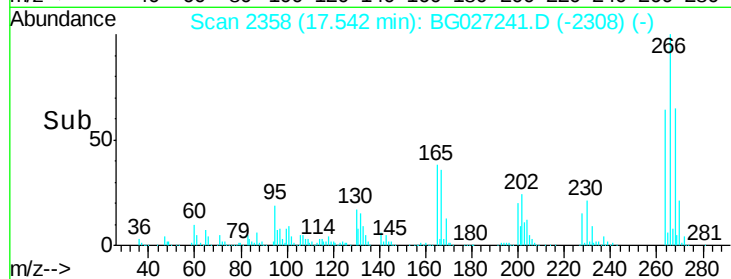
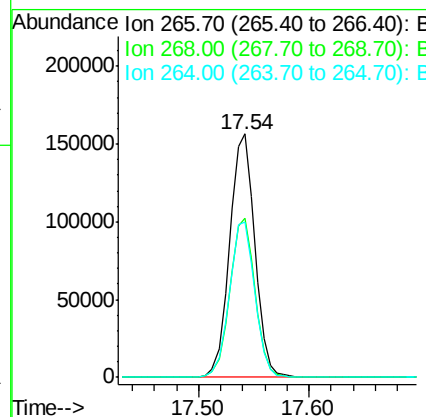
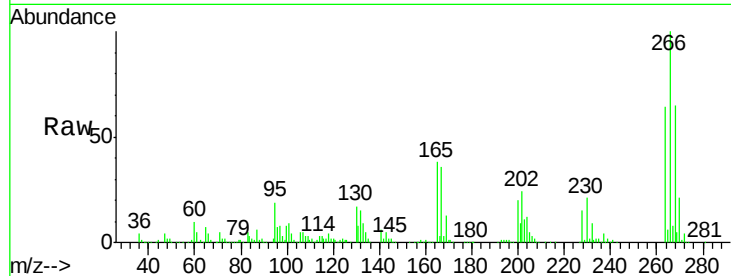
#69  
 Pentachlorophenol  
 Concen: 90.778 ng  
 RT: 17.54 min Scan# 2358  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 250522 |       |       |
| 268     | 65.1  | 48.6   | 72.8  |       |
| 264     | 63.6  | 50.1   | 75.1  |       |

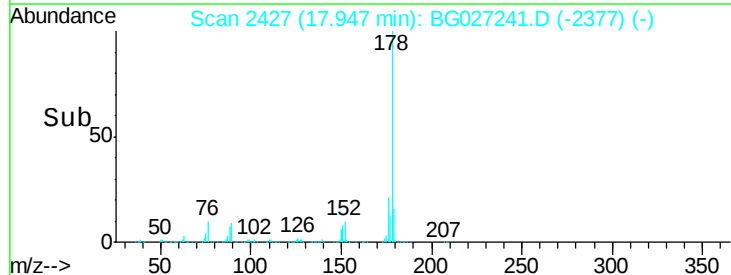
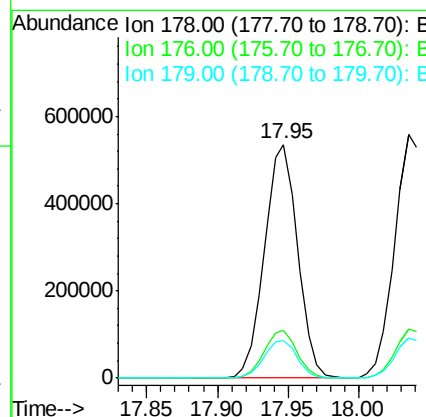
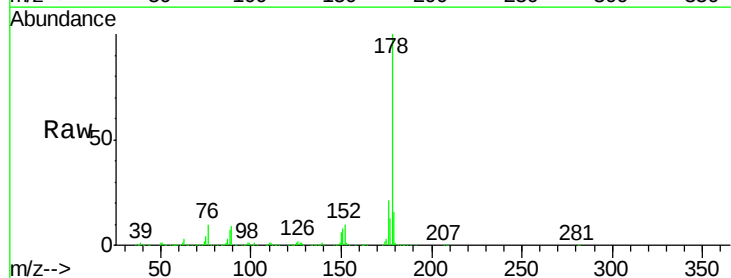
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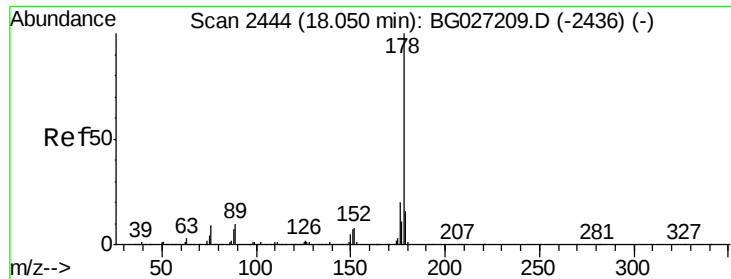
mohammad  
 6/8/2017 8:24:12 AM



#70  
 Phenanthrene  
 Concen: 42.419 ng  
 RT: 17.95 min Scan# 2427  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 882632 |       |       |
| 176     | 20.6  | 17.7   | 26.5  |       |
| 179     | 16.3  | 15.0   | 22.6  |       |





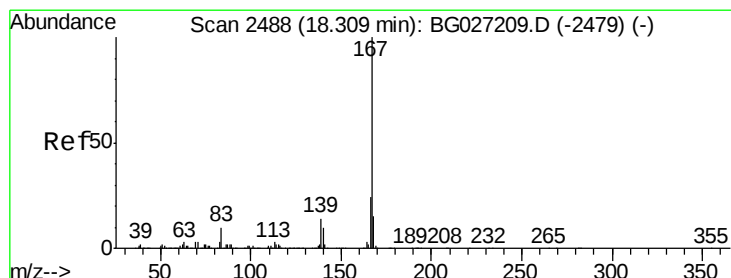
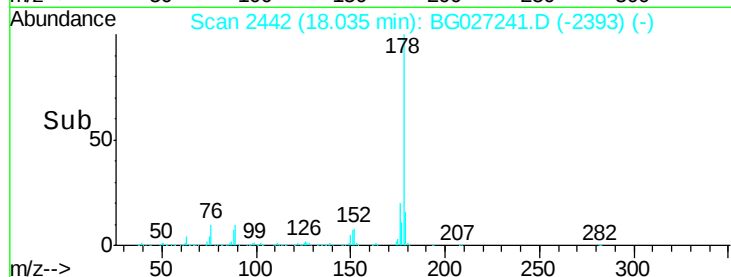
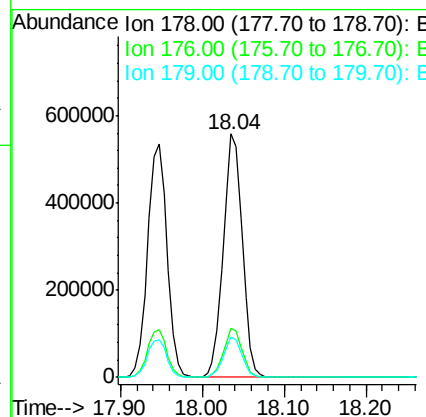
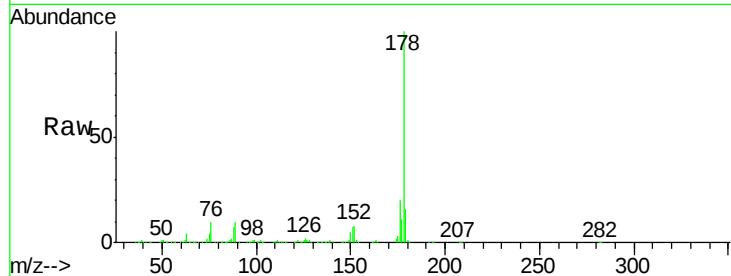
#71  
 Anthracene  
 Concen: 43.419 ng  
 RT: 18.04 min Scan# 2442  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMS

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 178 | 100  |       | 905102 |       |       |
| 176 | 20.1 | 16.4  | 24.6   |       |       |
| 179 | 16.4 | 13.8  | 20.8   |       |       |

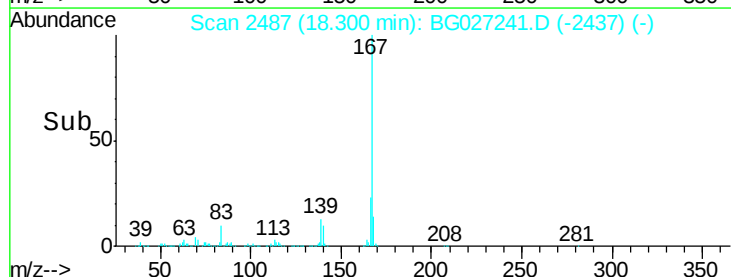
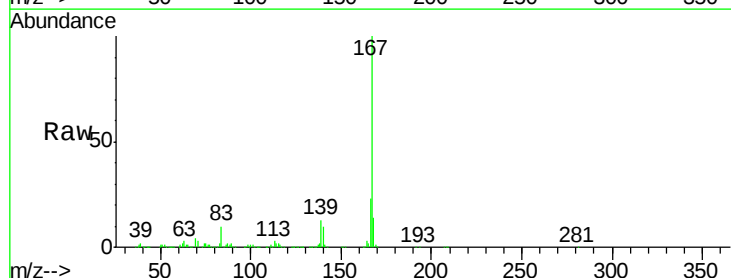
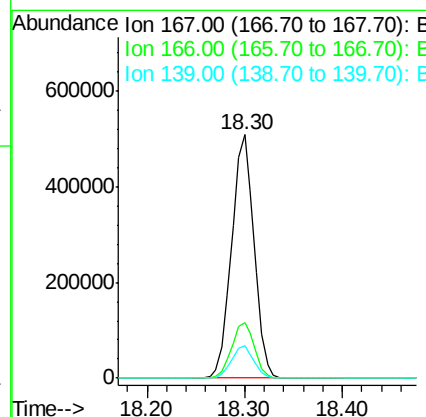
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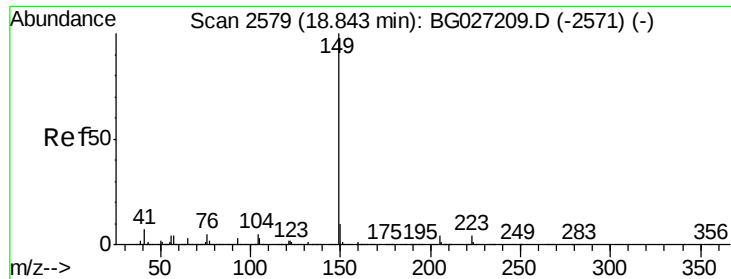
mohammad  
 6/8/2017 8:24:12 AM



#72  
 Carbazole  
 Concen: 41.176 ng  
 RT: 18.30 min Scan# 2487  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 167 | 100  |       | 809581 |       |       |
| 166 | 22.9 | 20.2  | 30.2   |       |       |
| 139 | 13.1 | 12.8  | 19.2   |       |       |





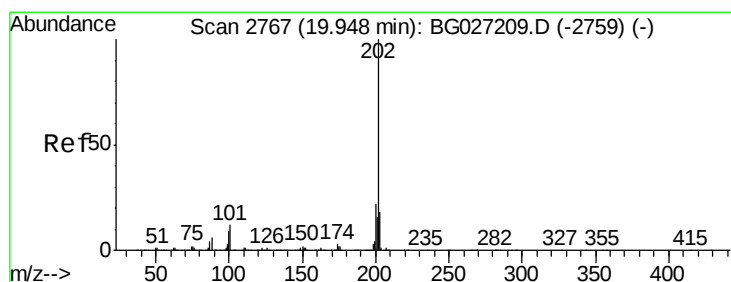
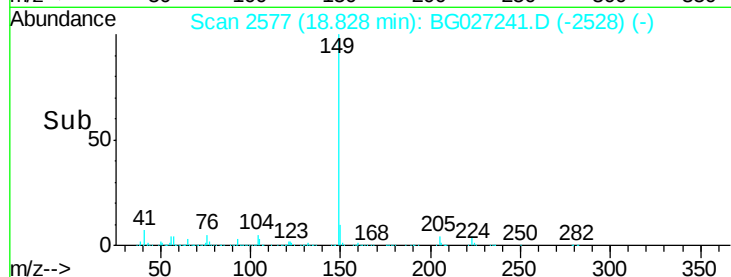
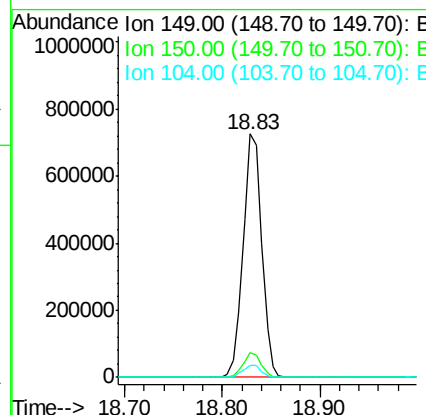
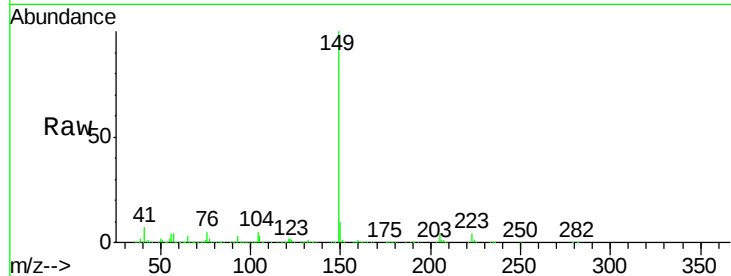
#73  
Di-n-butylphthalate  
Concen: 50.500 ng  
RT: 18.83 min Scan# 2577  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 150     | 10.0  | 9.1        | 13.7       |
| 104     | 5.2   | 6.7        | 10.1       |

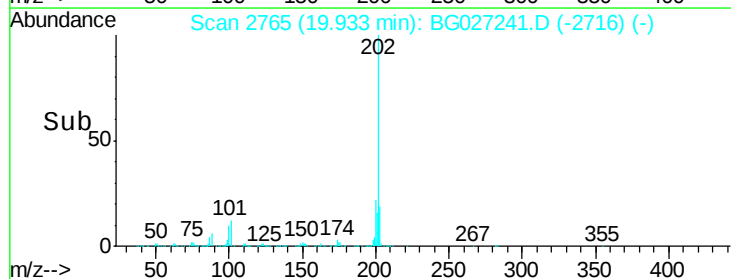
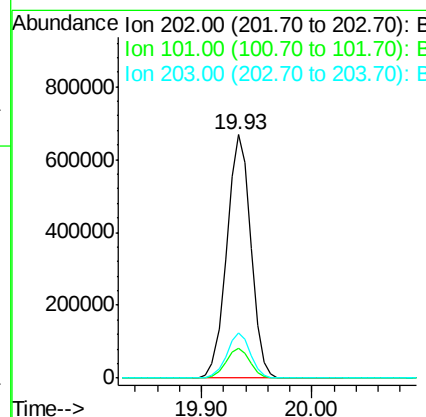
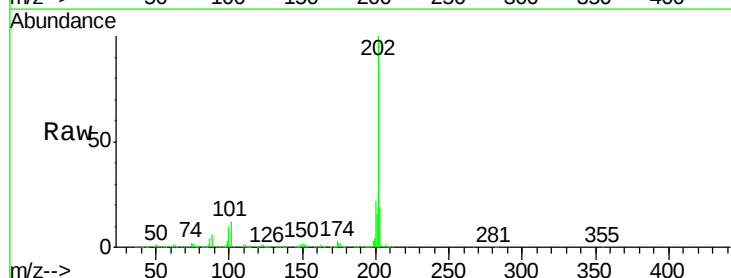
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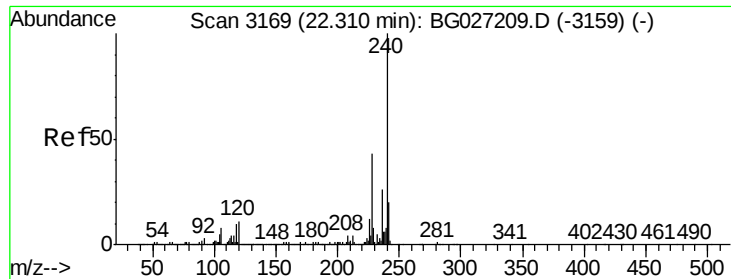
mohammad  
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#74  
Fluoranthene  
Concen: 45.644 ng  
RT: 19.93 min Scan# 2765  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 12.1  | 0.0        | 30.1       |
| 203     | 18.8  | 1.3        | 41.3       |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.30 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA\_G

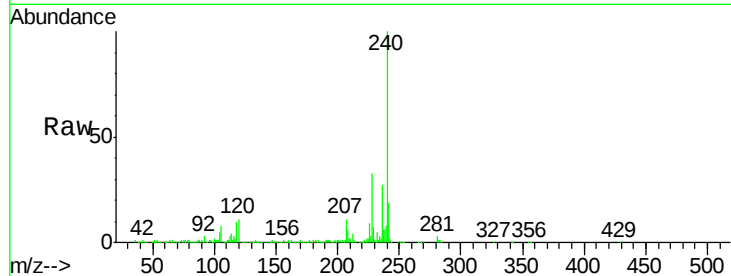
ClientSampleId :

SB-02-COMPMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.6  | 5.7   | 8.5#  |
| 236     | 26.9  | 22.2  | 33.4  |

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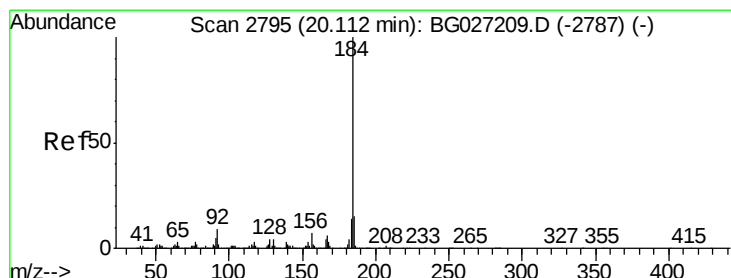
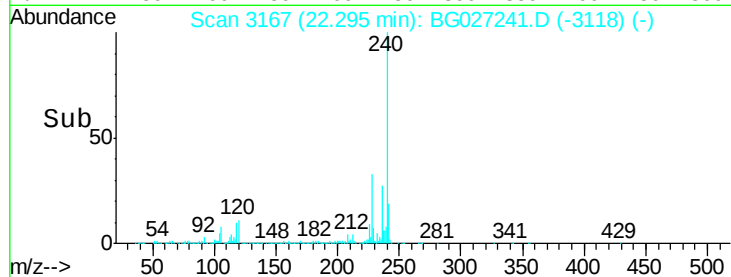
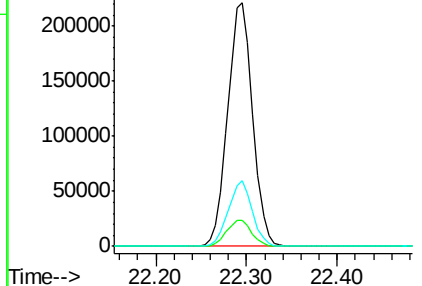
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.155 ng

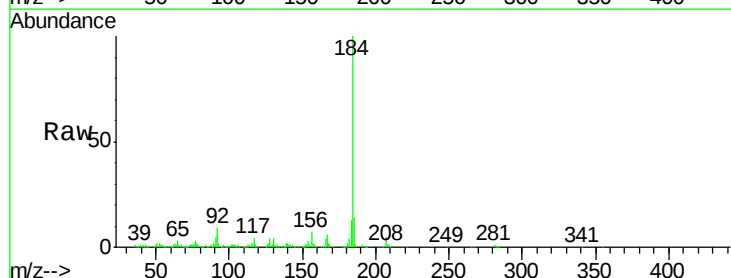
RT: 20.10 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

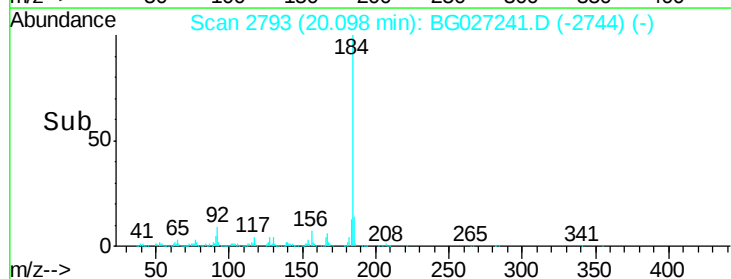
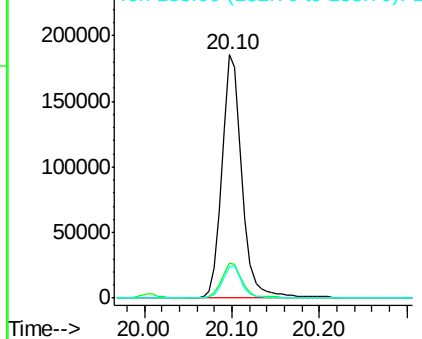
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.5  | 13.0  | 19.6  |
| 183     | 12.7  | 11.0  | 16.6  |

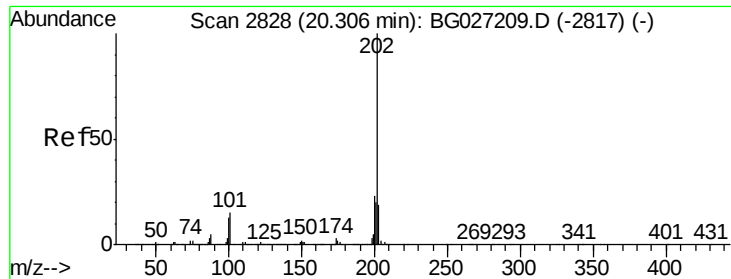


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





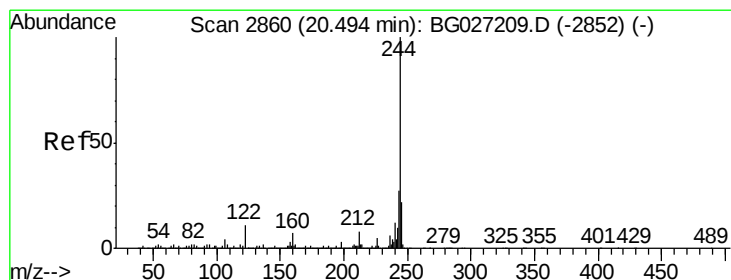
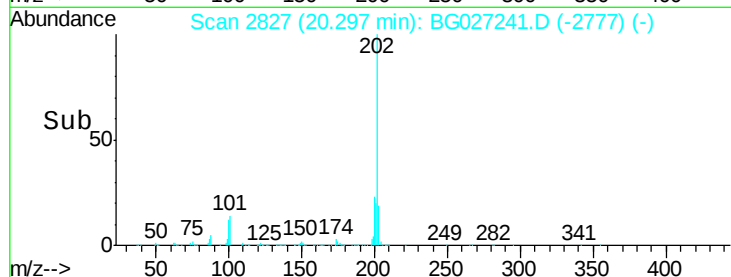
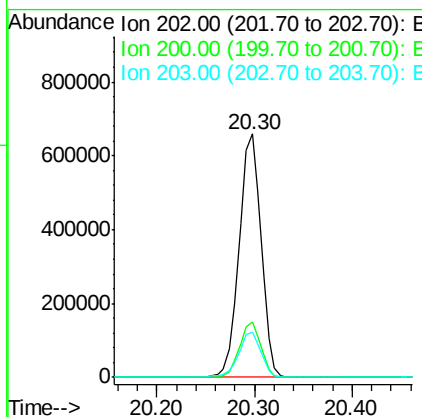
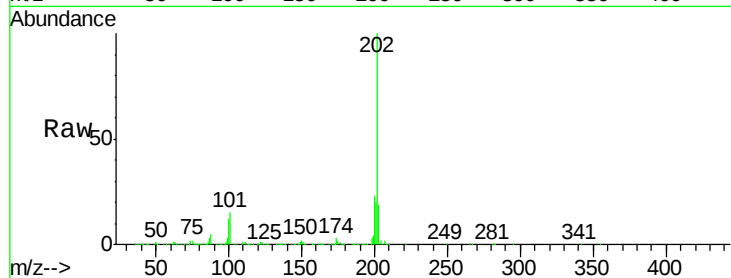
#77  
 Pyrene  
 Concen: 40.513 ng  
 RT: 20.30 min Scan# 2827  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.9  | 19.6  | 29.4  |
| 203     | 18.7  | 15.8  | 23.8  |

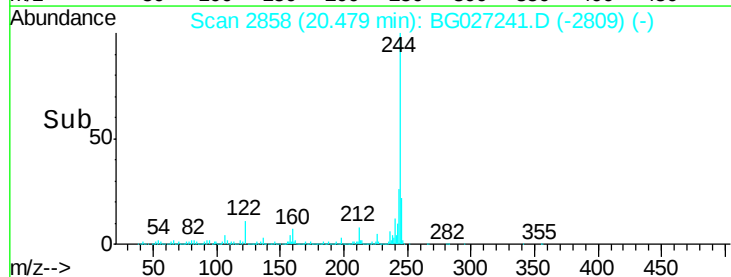
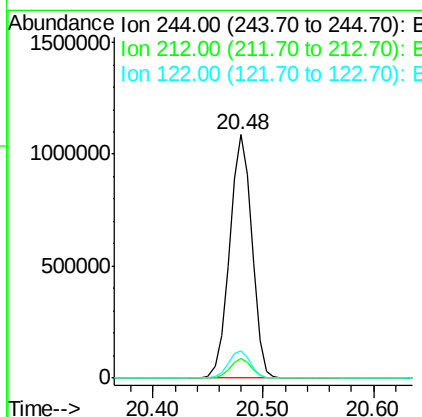
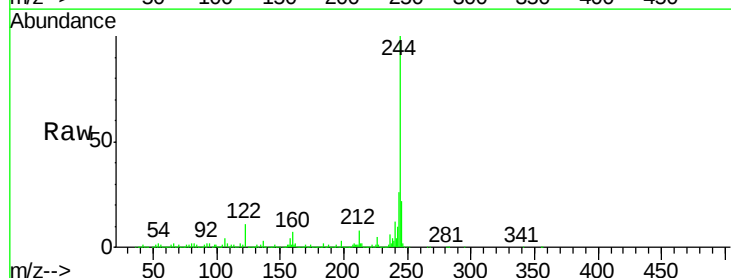
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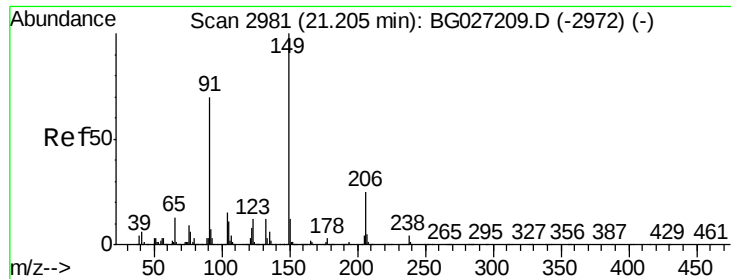
mohammad  
 6/8/2017 8:24:12 AM



#78  
 Terphenyl-d14  
 Concen: 93.077 ng  
 RT: 20.48 min Scan# 2858  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.2   | 10.0  | 15.0# |
| 122     | 11.4  | 8.6   | 12.8  |





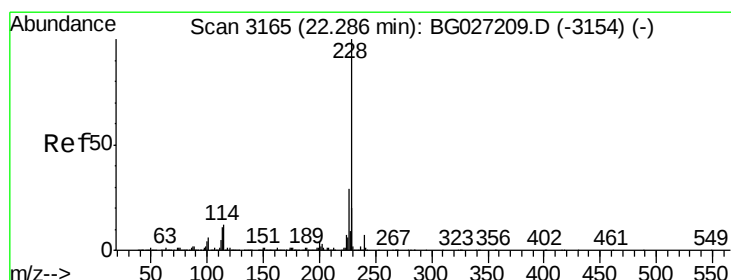
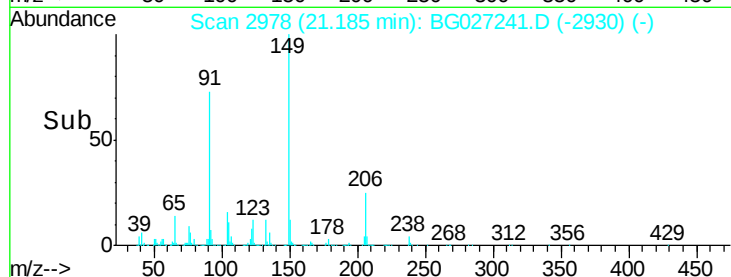
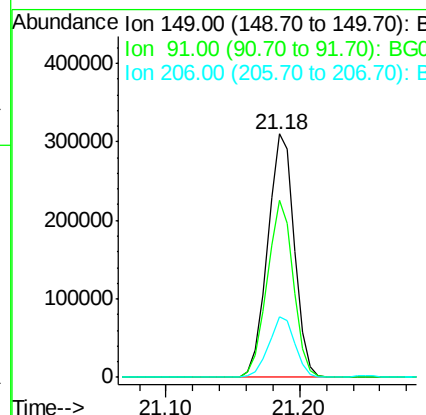
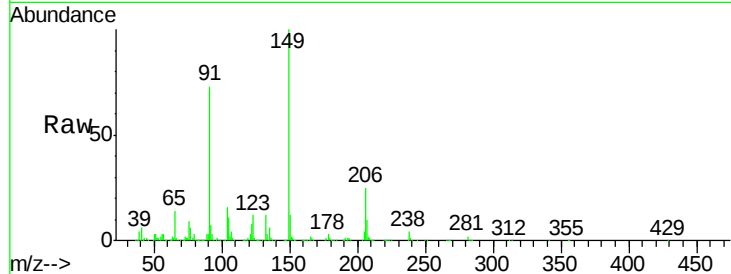
#79  
Butylbenzylphthalate  
Concen: 47.494 ng  
RT: 21.18 min Scan# 2978  
Delta R.T. -0.02 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 72.7  | 63.5  | 95.3  |
| 206     | 24.9  | 21.0  | 31.6  |

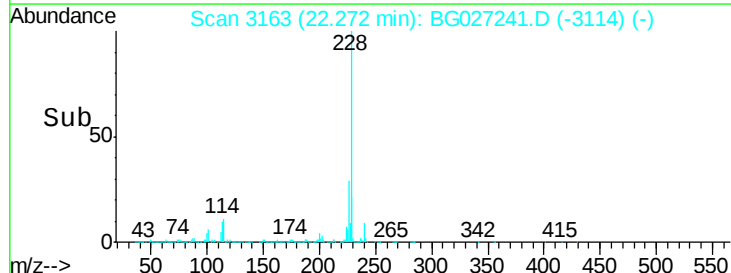
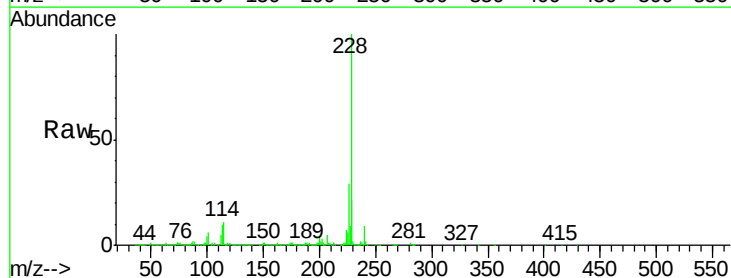
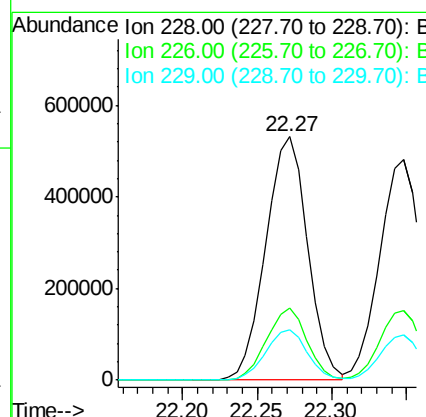
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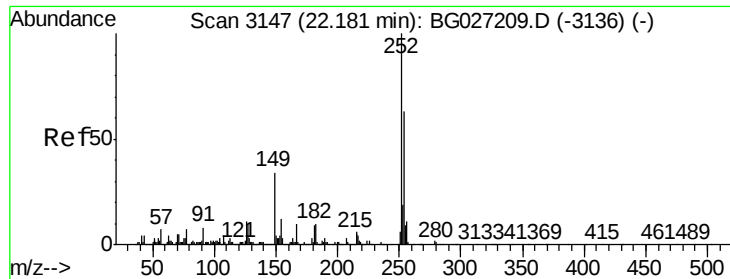
mohammad  
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#80  
Benzo(a)anthracene  
Concen: 43.127 ng  
RT: 22.27 min Scan# 3163  
Delta R.T. -0.01 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.4  | 24.9  | 37.3  |
| 229     | 20.9  | 18.2  | 27.2  |





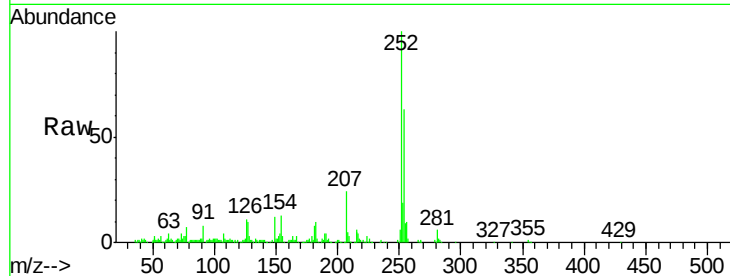
#81  
 3,3'-Dichlorobenzidine  
 Concen: 20.990 ng  
 RT: 22.17 min Scan# 3145  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMS

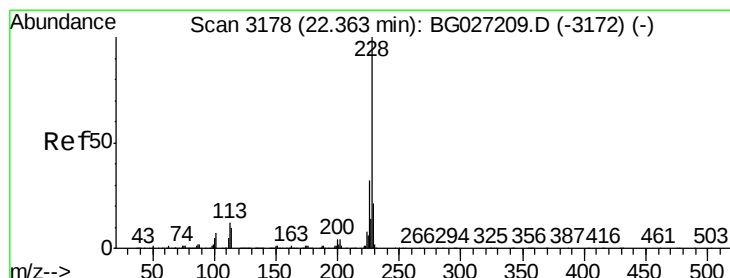
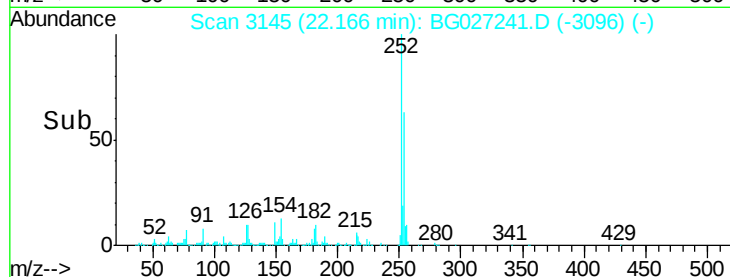
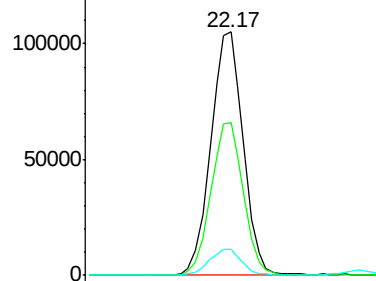
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 62.9  | 53.1       | 79.7       |
| 126     | 10.6  | 7.0        | 10.4       |

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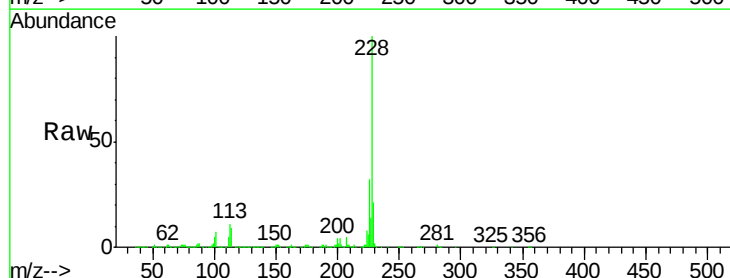


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

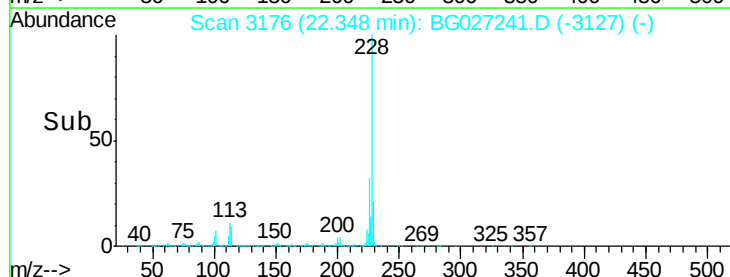
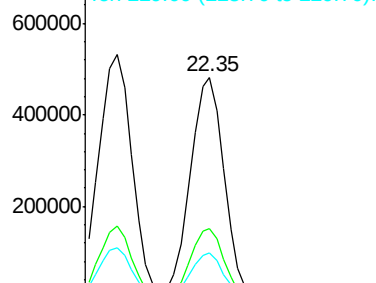


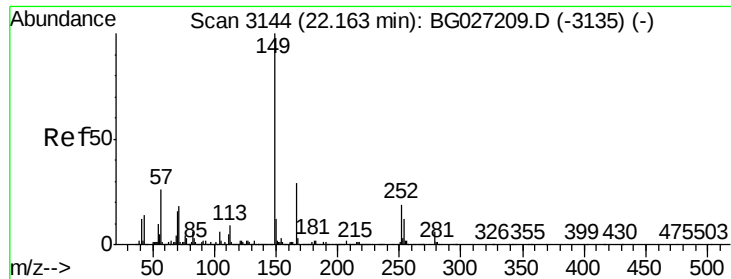
#82  
 Chrysene  
 Concen: 40.584 ng  
 RT: 22.35 min Scan# 3176  
 Delta R.T. -0.01 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 31.7  | 27.0       | 40.4       |
| 229     | 20.6  | 17.8       | 26.6       |



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





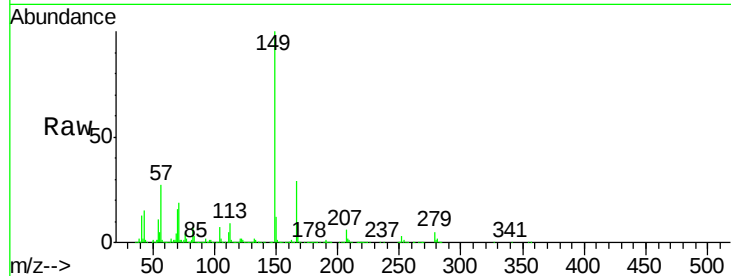
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.716 ng  
 RT: 22.14 min Scan# 3140  
 Delta R.T. -0.03 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMS

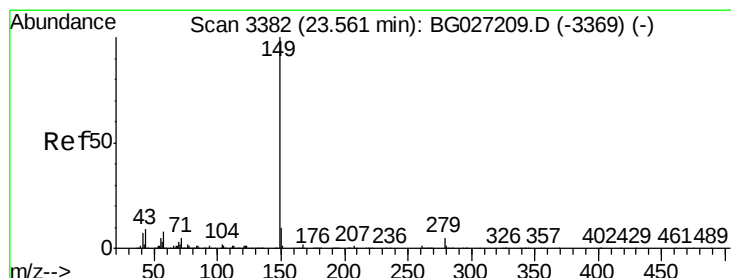
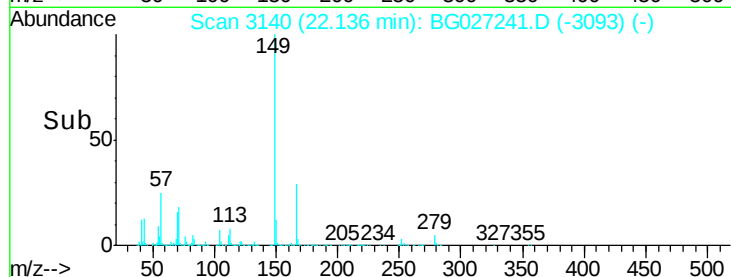
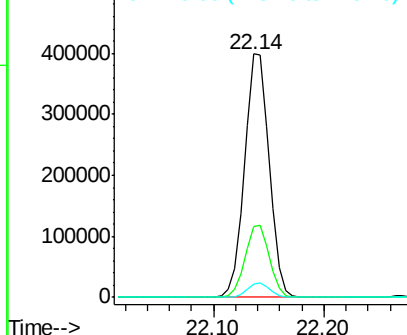
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.1  | 23.7  | 35.5  |
| 279     | 5.2   | 4.6   | 6.8   |

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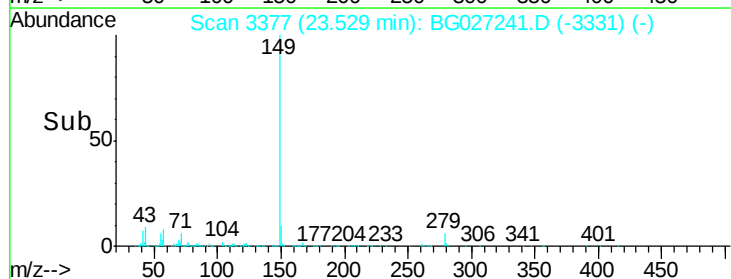
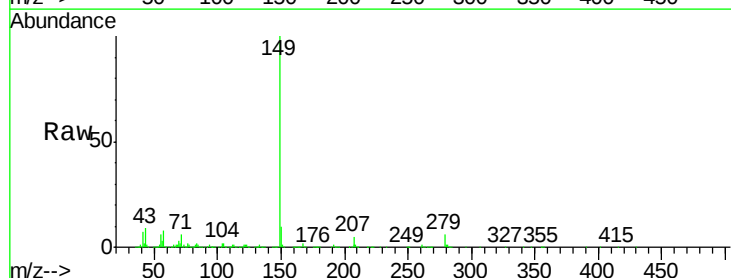
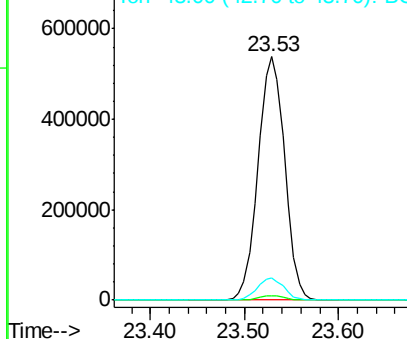
Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

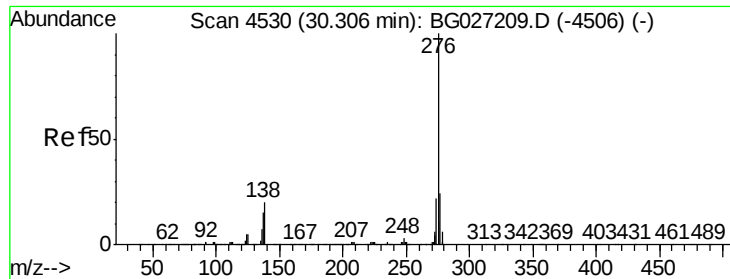


#84  
 Di-n-octyl phthalate  
 Concen: 46.706 ng  
 RT: 23.53 min Scan# 3377  
 Delta R.T. -0.03 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.4   | 2.2   |
| 43      | 9.0   | 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): BG





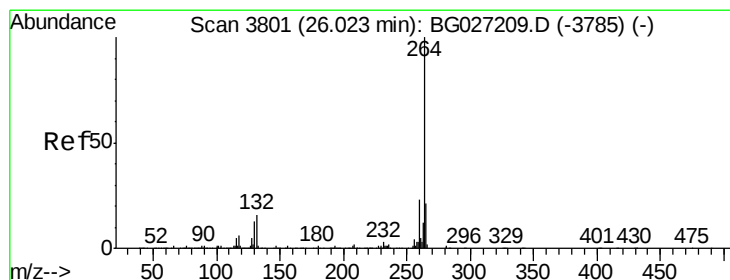
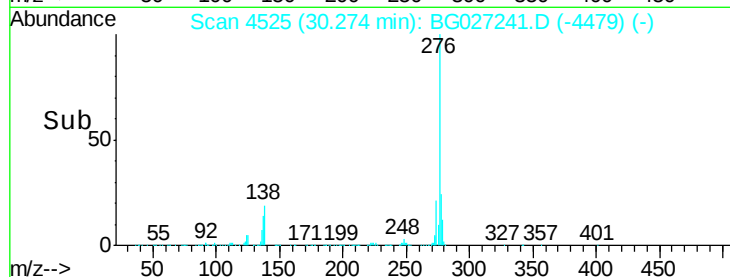
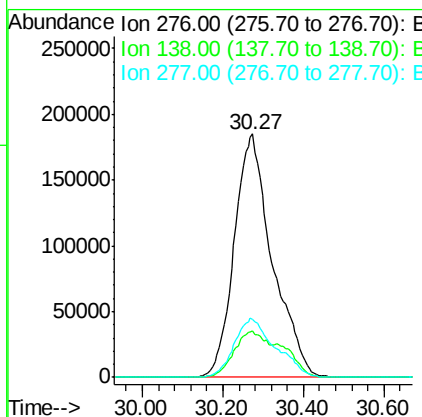
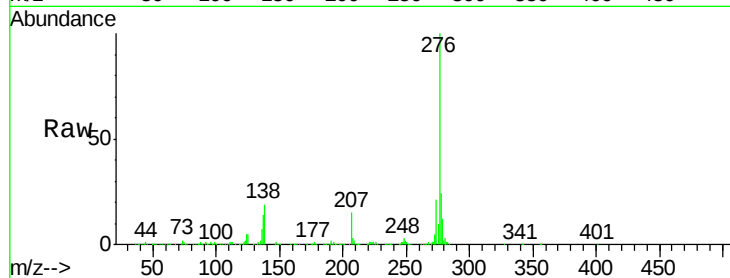
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 43.369 ng  
RT: 30.27 min Scan# 4525  
Delta R.T. -0.03 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 17.2  | 4.7   | 7.1#  |
| 277     | 26.2  | 20.6  | 31.0  |

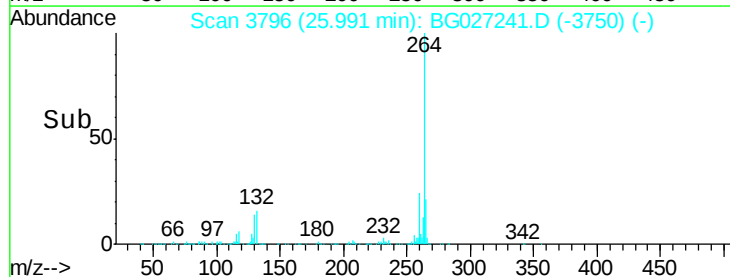
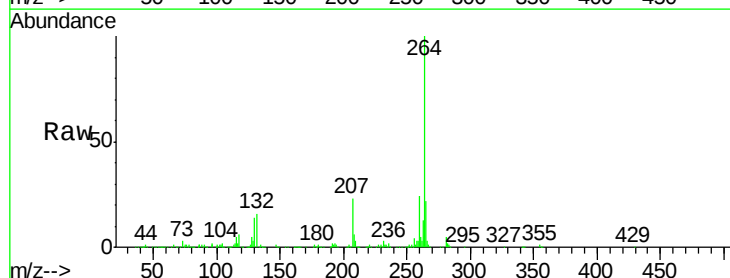
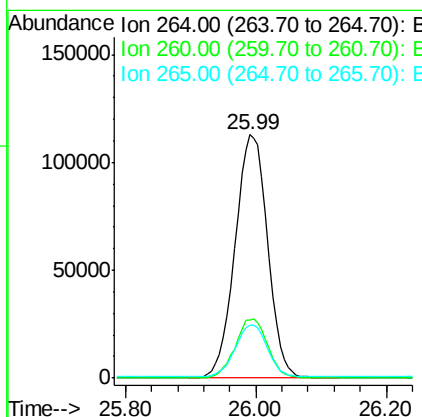
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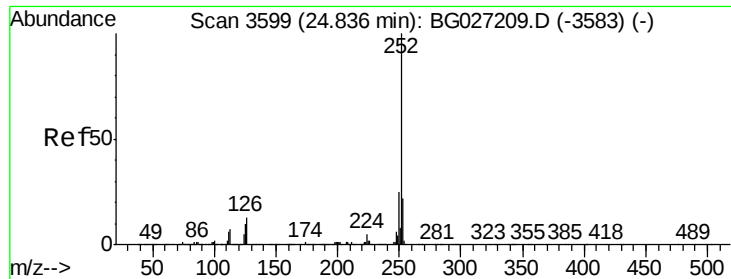
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.99 min Scan# 3796  
Delta R.T. -0.03 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 21.8  | 32.8  |
| 265     | 22.0  | 18.2  | 27.4  |





#87

Benzo(b)fluoranthene

Concen: 43.847 ng

RT: 24.81 min Scan# 3595

Delta R.T. -0.03 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA\_G

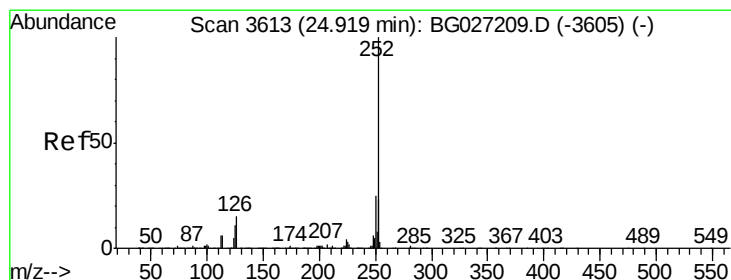
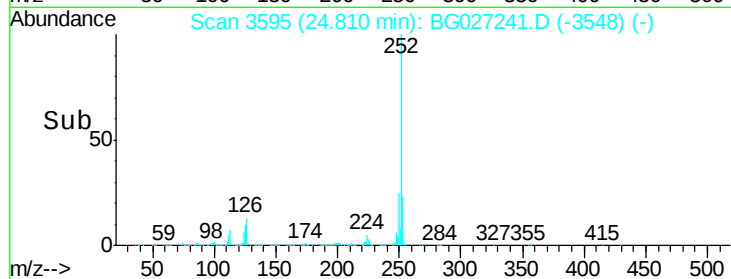
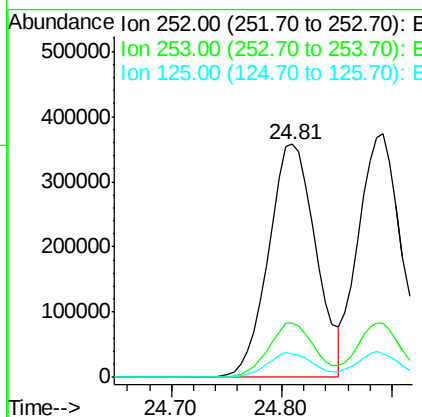
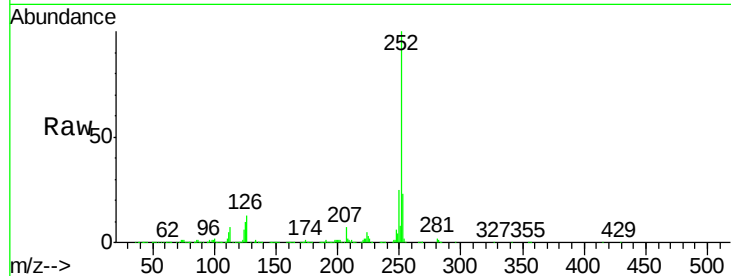
ClientSampleId :

SB-02-COMPMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 18.7  | 28.1  |
| 125     | 10.0  | 5.3   | 7.9#  |

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#88

Benzo(k)fluoranthene

Concen: 42.419 ng

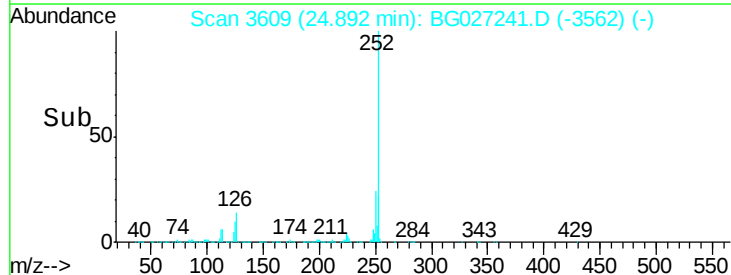
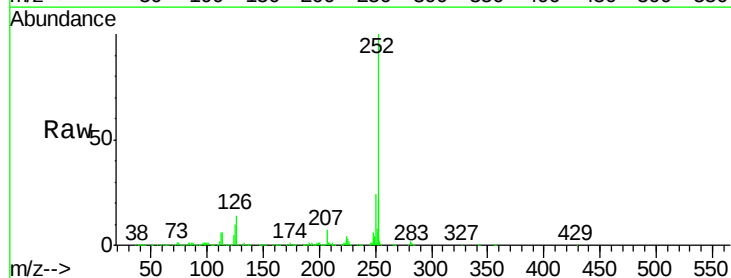
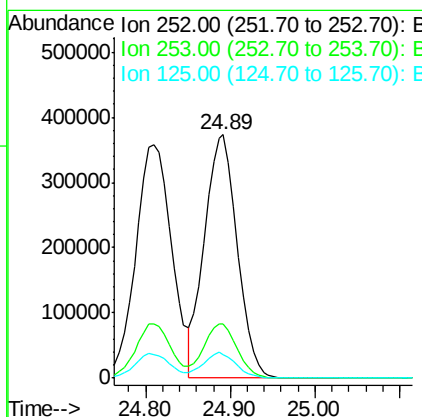
RT: 24.89 min Scan# 3609

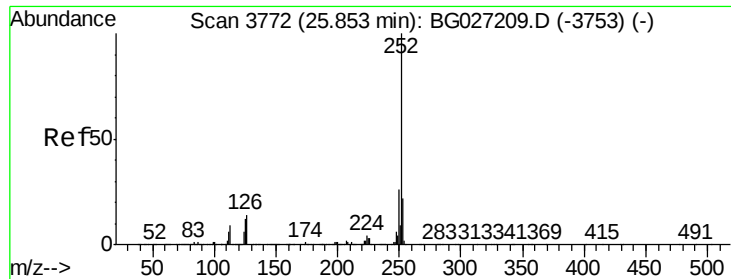
Delta R.T. -0.03 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 20.2  | 30.2  |
| 125     | 9.8   | 5.1   | 7.7#  |





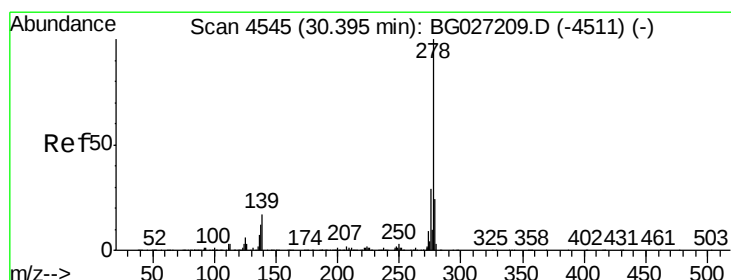
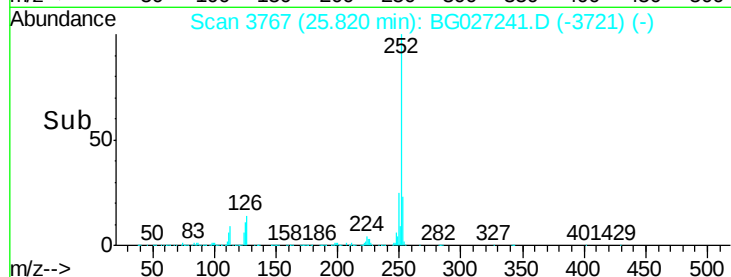
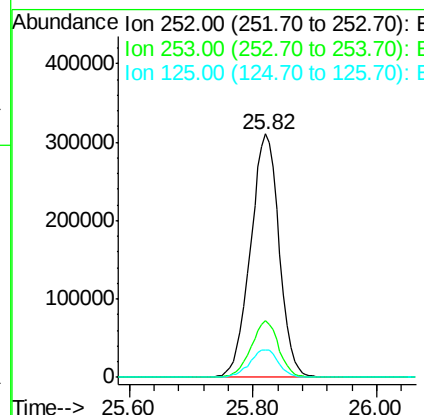
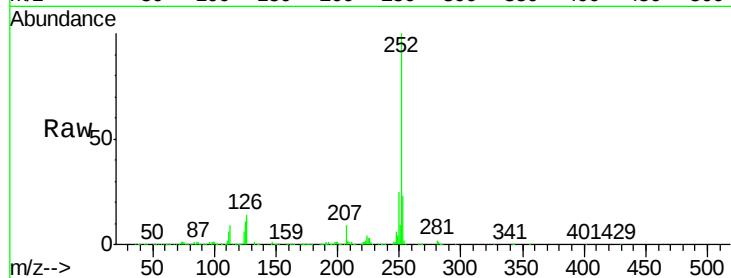
#89  
Benzo(a)pyrene  
Concen: 43.786 ng  
RT: 25.82 min Scan# 3767  
Delta R.T. -0.03 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-COMPMS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 997143 |       |       |
| 253     | 23.0  | 19.2   | 28.8  |       |
| 125     | 11.3  | 5.4    | 8.0   |       |

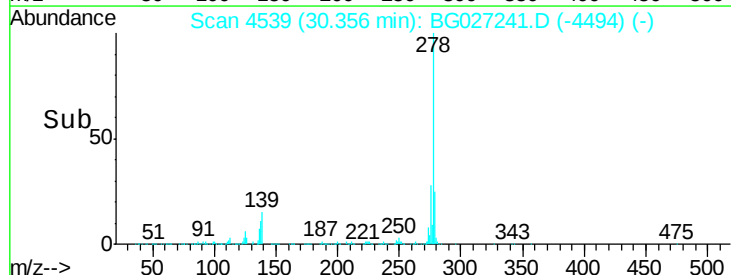
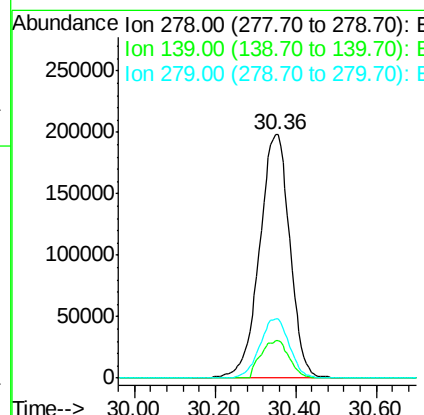
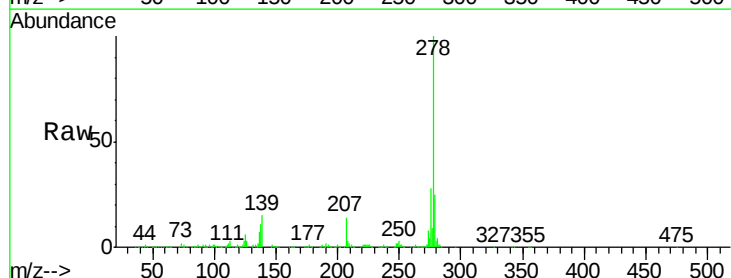
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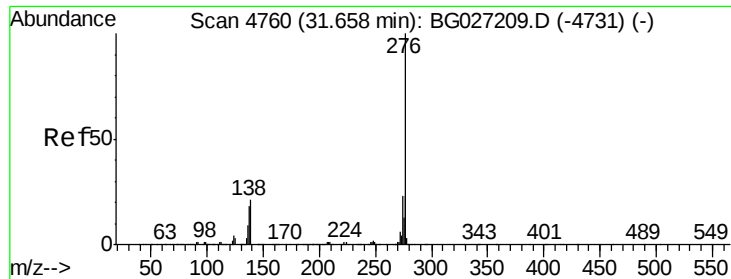
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#90  
Dibenzo(a,h)anthracene  
Concen: 43.558 ng  
RT: 30.36 min Scan# 4539  
Delta R.T. -0.04 min  
Lab File: BG027241.D  
Acq: 6 Jun 2017 9:42

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 278     | 100   | 1038387 |       |       |
| 139     | 15.4  | 7.7     | 11.5  |       |
| 279     | 24.5  | 19.1    | 28.7  |       |





#91  
 Benzo(g,h,i)perylene  
 Concen: 42.877 ng  
 RT: 31.61 min Scan# 4753  
 Delta R.T. -0.04 min  
 Lab File: BG027241.D  
 Acq: 6 Jun 2017 9:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-COMPMS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 277     | 24.1  | 18.6       | 27.8       |
| 138     | 19.2  | 8.1        | 12.1#      |

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