

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080116\  
 Data File : BG023391.D  
 Acq On : 1 Aug 2016 21:18  
 Operator : UM/SJ  
 Sample : PB92598BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92598BS

Manual Integrations  
 APPROVED

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 8/2/2016 5:10:52 PM

Quant Time: Aug 02 12:44:45 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 01 19:22:14 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.12  | 152  | 94033    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.96 | 136  | 518309   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.79 | 164  | 426231   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.55 | 188  | 1200698  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.86 | 240  | 1123213  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.24 | 264  | 1087821  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.66  | 112 | 918777  | 164.47 | ng | 0.00 |
| 7) Phenol-d6             | 7.28  | 99  | 1434188 | 164.83 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.30  | 82  | 889437  | 85.31  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.28 | 330 | 857886  | 137.61 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.40 | 172 | 2056701 | 81.39  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.15 | 244 | 3392512 | 97.29  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 73946   | 31.07 | ng | # 85   |
| 3) Pyridine                    | 3.92  | 79  | 263548  | 33.70 | ng | # 95   |
| 4) n-Nitrosodimethylamine      | 3.84  | 42  | 118811  | 40.97 | ng | # 75   |
| 6) Aniline                     | 7.44  | 93  | 459246  | 36.53 | ng | 95     |
| 8) 2-Chlorophenol              | 7.68  | 128 | 357365  | 55.68 | ng | 97     |
| 9) Benzaldehyde                | 7.25  | 77  | 203357  | 41.45 | ng | 91     |
| 10) Phenol                     | 7.31  | 94  | 546470  | 58.71 | ng | # 79   |
| 11) bis(2-Chloroethyl)ether    | 7.53  | 93  | 332997  | 44.85 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 8.01  | 146 | 304931  | 41.50 | ng | 93     |
| 13) 1,4-Dichlorobenzene        | 8.16  | 146 | 313944  | 41.74 | ng | 93     |
| 14) 1,2-Dichlorobenzene        | 8.48  | 146 | 299005  | 40.52 | ng | 95     |
| 15) Benzyl Alcohol             | 8.36  | 79  | 400190  | 60.70 | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.65  | 45  | 474562  | 43.46 | ng | 91     |
| 17) 2-Methylphenol             | 8.57  | 107 | 367544  | 58.90 | ng | # 88   |
| 18) Hexachloroethane           | 9.21  | 117 | 117717  | 41.58 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.93  | 70  | 362724  | 48.47 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.90  | 107 | 524148  | 59.58 | ng | 91     |
| 22) Acetophenone               | 8.95  | 105 | 523748  | 36.91 | ng | # 90   |
| 24) Nitrobenzene               | 9.34  | 77  | 510109  | 44.18 | ng | # 90   |
| 25) Isophorone                 | 9.86  | 82  | 992022  | 45.68 | ng | # 95   |
| 26) 2-Nitrophenol              | 10.06 | 139 | 216371  | 44.41 | ng | # 72   |
| 27) 2,4-Dimethylphenol         | 10.11 | 122 | 423089  | 51.00 | ng | 83     |
| 28) bis(2-Chloroethoxy)methane | 10.34 | 93  | 570073  | 43.67 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.60 | 162 | 440574  | 52.81 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.81 | 180 | 361337  | 40.16 | ng | 92     |
| 31) Naphthalene                | 11.00 | 128 | 1130370 | 42.83 | ng | 99     |
| 32) Benzoic acid               | 10.24 | 122 | 233914  | 32.96 | ng | 92     |
| 33) 4-Chloroaniline            | 11.12 | 127 | 187666  | 14.87 | ng | # 89   |
| 34) Hexachlorobutadiene        | 11.28 | 225 | 222611  | 37.62 | ng | 93     |
| 35) Caprolactam                | 11.90 | 113 | 201685m | 57.46 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.24 | 107 | 570939  | 52.09 | ng | 90     |
| 37) 2-Methylnaphthalene        | 12.61 | 142 | 918411m | 45.77 | ng |        |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.98 | 216 | 443128  | 28.67 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.95 | 237 | 582296  | 74.71 | ng | 98     |

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 Misc :  
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Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB92598BS

Manual Integrations  
 APPROVED

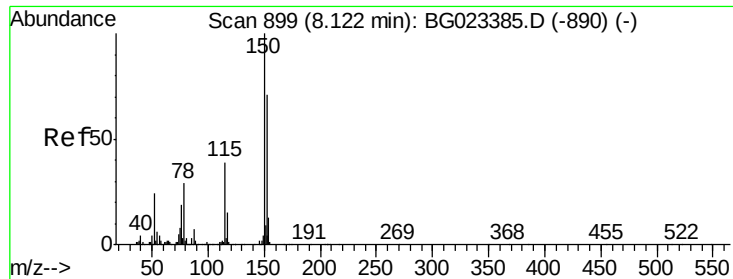
sohil  
 8/2/2016 5:10:52 PM

Quant Time: Aug 02 12:44:45 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.21 | 196  | 402488   | 43.71 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.29 | 196  | 436302   | 46.03 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 13.61 | 154  | 1167549  | 35.83 | nq    | 95       |
| 46) 2-Chloronaphthalene        | 13.66 | 162  | 1024289  | 40.64 | nq    | 97       |
| 47) 2-Nitroaniline             | 13.86 | 65   | 473088   | 45.20 | nq    | 91       |
| 48) Acenaphthylene             | 14.50 | 152  | 1692148  | 42.47 | nq    | 97       |
| 49) Dimethylphthalate          | 14.23 | 163  | 1503322  | 45.97 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.36 | 165  | 362622   | 46.82 | nq    | # 81     |
| 51) Acenaphthene               | 14.85 | 154  | 1087911  | 43.10 | nq    | 99       |
| 52) 3-Nitroaniline             | 14.69 | 138  | 232003   | 26.57 | nq    | # 81     |
| 53) 2,4-Dinitrophenol          | 14.90 | 184  | 493704   | 99.45 | nq    | 87       |
| 54) Dibenzofuran               | 15.19 | 168  | 1718321  | 46.89 | nq    | 96       |
| 55) 4-Nitrophenol              | 15.01 | 139  | 672929   | 98.11 | nq    | # 81     |
| 56) 2,4-Dinitrotoluene         | 15.15 | 165  | 556551   | 51.20 | nq    | # 90     |
| 57) Fluorene                   | 15.84 | 166  | 1466788  | 45.87 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.41 | 232  | 458476   | 52.71 | nq    | 93       |
| 59) Diethylphthalate           | 15.59 | 149  | 1609350  | 48.48 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.82 | 204  | 757511   | 44.76 | nq    | 98       |
| 61) 4-Nitroaniline             | 15.87 | 138  | 435085   | 46.79 | nq    | # 64     |
| 62) Azobenzene                 | 16.12 | 77   | 1734774  | 51.55 | nq    | 89       |
| 64) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 367804   | 45.05 | nq    | 95       |
| 65) n-Nitrosodiphenylamine     | 16.04 | 169  | 1422910  | 40.40 | nq    | 95       |
| 66) 4-Bromophenyl-phenylether  | 16.72 | 248  | 564741   | 40.35 | nq    | 96       |
| 67) Hexachlorobenzene          | 16.84 | 284  | 611584   | 39.95 | nq    | 98       |
| 68) Atrazine                   | 16.99 | 200  | 636449   | 47.06 | nq    | 95       |
| 69) Pentachlorophenol          | 17.19 | 266  | 782203   | 87.63 | nq    | 96       |
| 70) Phenanthrene               | 17.59 | 178  | 2506687m | 41.14 | nq    |          |
| 71) Anthracene                 | 17.68 | 178  | 2547062  | 41.57 | nq    | 93       |
| 72) Carbazole                  | 17.95 | 167  | 2508015  | 46.61 | nq    | 94       |
| 73) Di-n-butylphthalate        | 18.49 | 149  | 2777070  | 52.11 | nq    | # 94     |
| 74) Fluoranthene               | 19.60 | 202  | 3014256  | 54.41 | nq    | 86       |
| 76) Benzidine                  | 19.78 | 184  | 1644326  | 52.66 | nq    | 98       |
| 77) Pyrene                     | 19.96 | 202  | 3060237  | 48.87 | nq    | # 90     |
| 79) Butylbenzylphthalate       | 20.84 | 149  | 1305653  | 48.27 | nq    | 97       |
| 80) Benzo(a)anthracene         | 21.83 | 228  | 2613737  | 42.16 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.75 | 252  | 581899   | 22.88 | nq    | # 97     |
| 82) Chrysene                   | 21.91 | 228  | 2442456  | 41.40 | nq    | 94       |
| 83) Bis(2-ethylhexyl)phthalate | 21.72 | 149  | 1574181  | 42.50 | nq    | # 98     |
| 84) Di-n-octyl phthalate       | 22.98 | 149  | 2577779  | 40.78 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.11 | 276  | 3230480  | 43.83 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.16 | 252  | 2714082  | 44.34 | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 24.23 | 252  | 2534353  | 43.11 | nq    | # 96     |
| 89) Benzo(a)pyrene             | 25.08 | 252  | 2606802  | 44.78 | nq    | # 93     |
| 90) Dibenzo(a,h)anthracene     | 29.17 | 278  | 2658699  | 44.71 | nq    | # 91     |
| 91) Benzo(g,h,i)perylene       | 30.32 | 276  | 2661391  | 44.45 | nq    | # 89     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Instrument :

BNA\_G

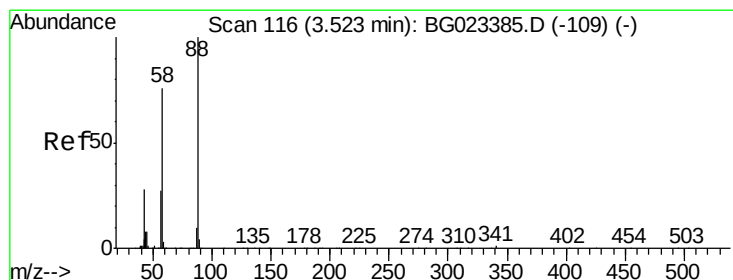
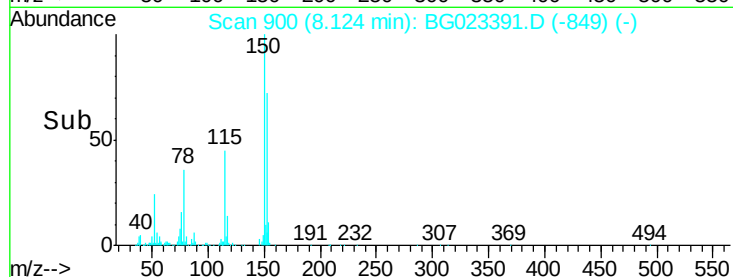
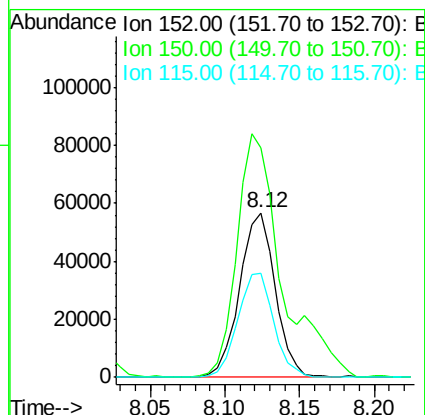
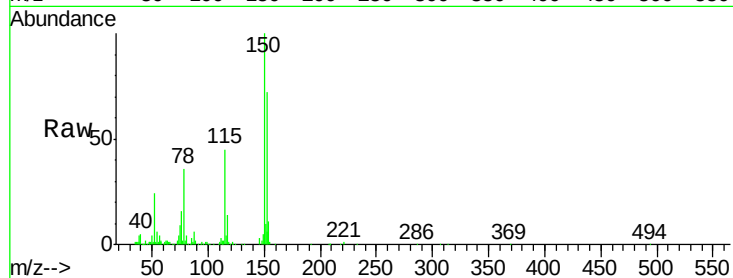
ClientSampled :

PB92598BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 152     | 100   |       |        |
| 150     | 139.9 | 144.7 | 217.1# |
| 115     | 63.2  | 64.0  | 96.0#  |

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#2

1,4-Dioxane

Concen: 31.07 ng

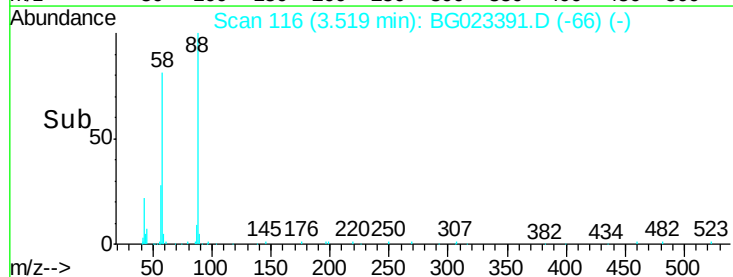
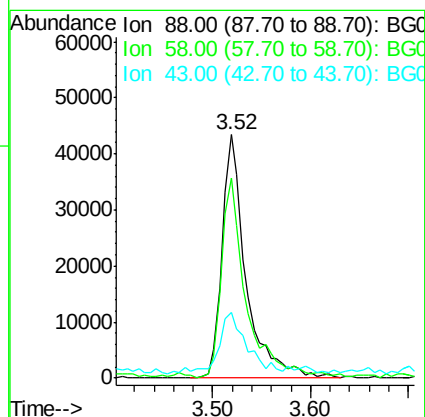
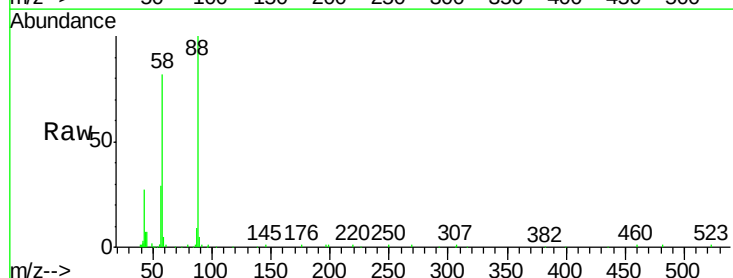
RT: 3.52 min Scan# 116

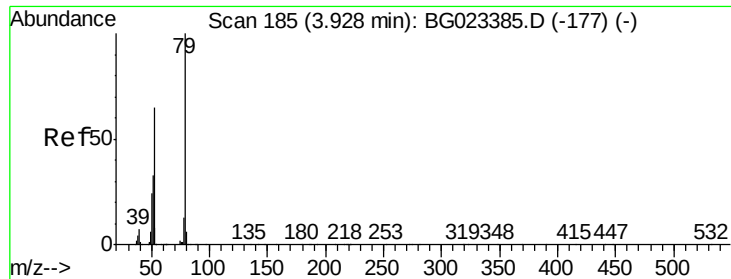
Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 84.1  | 60.4  | 90.6  |
| 43      | 24.7  | 31.1  | 46.7# |





#3

Pvridine

Concen: 33.70 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Instrument :

BNA\_G

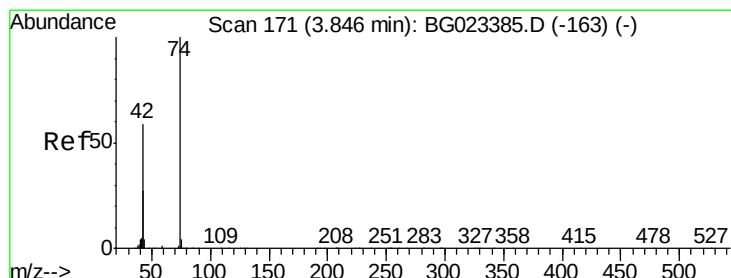
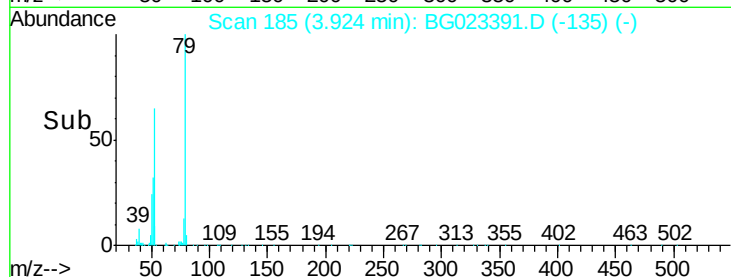
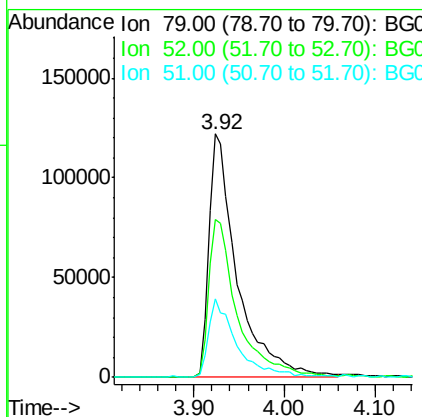
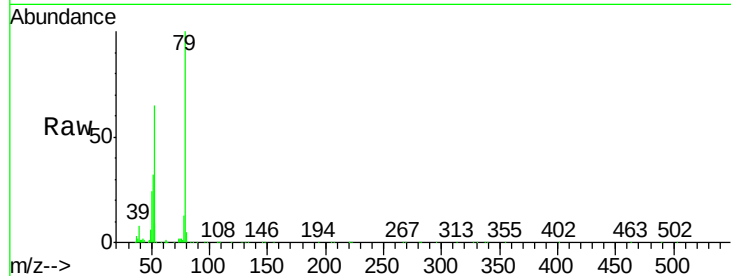
ClientSampleId :

PB92598BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 263548 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 64.6  | 51.8  | 77.8   |
| 51        | 32.4  | 32.7  | 49.1#  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 40.97 ng

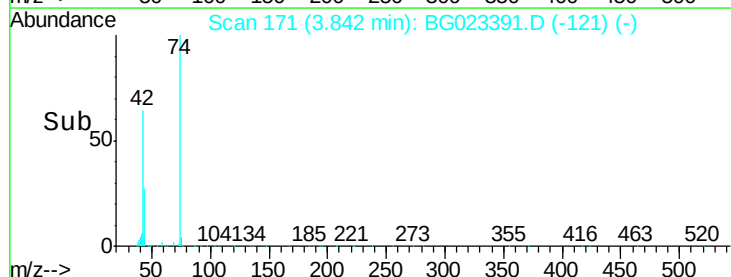
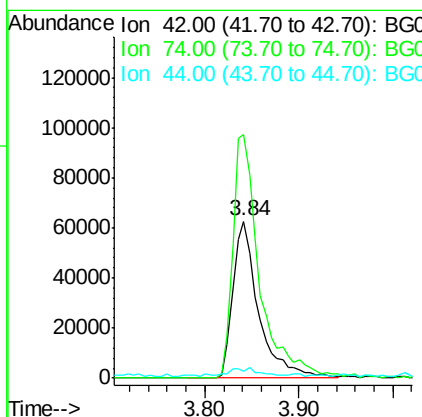
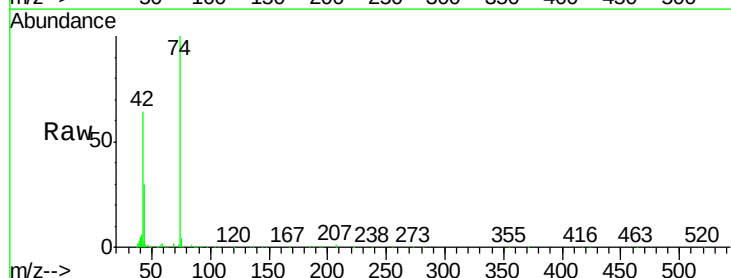
RT: 3.84 min Scan# 171

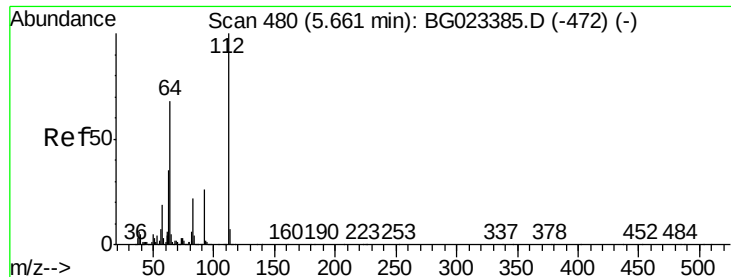
Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 118811 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 155.4 | 100.6 | 150.8# |
| 44        | 4.2   | 4.5   | 6.7#   |





#5

2-Fluorophenol

Concen: 164.47 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Instrument :

BNA\_G

ClientSampleId :

PB92598BS

Tot Ion: 112 Resp: 918777

Ion Ratio Lower Upper

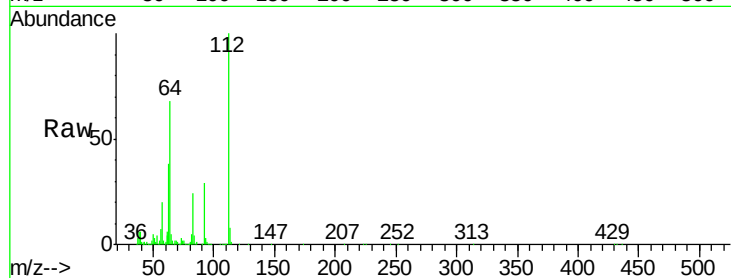
112 100

64 68.2 59.0 88.4

63 37.7 37.8 56.8#

Manual Integrations  
APPROVED

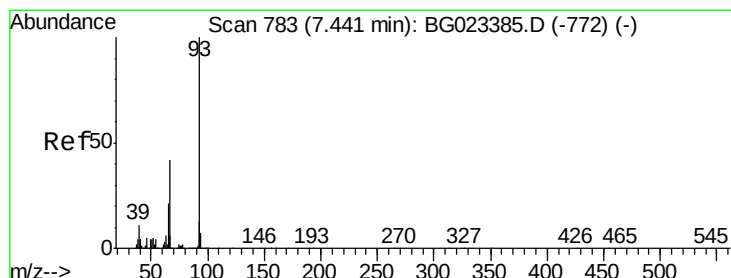
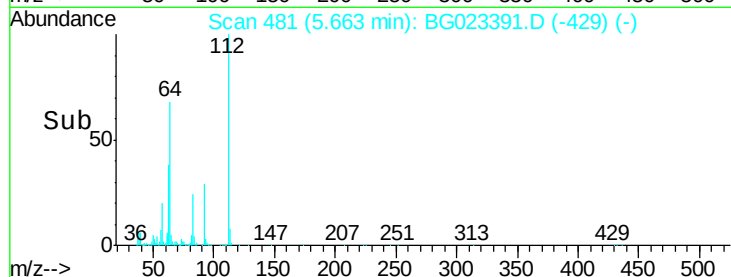
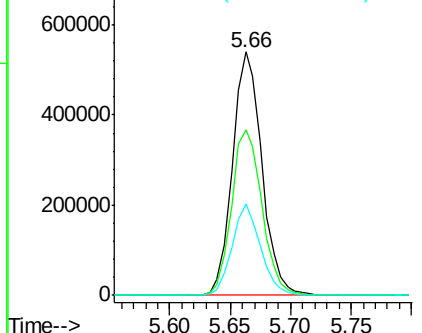
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.53 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

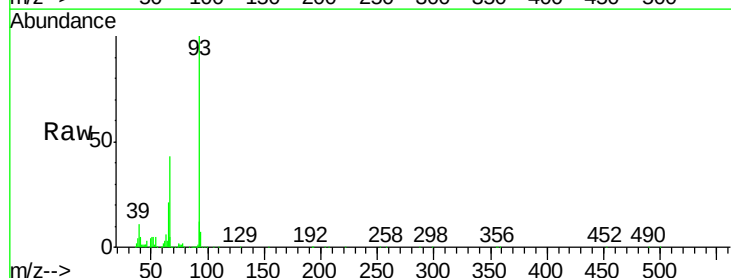
Tgt Ion: 93 Resp: 459246

Ion Ratio Lower Upper

93 100

66 42.8 37.5 56.3

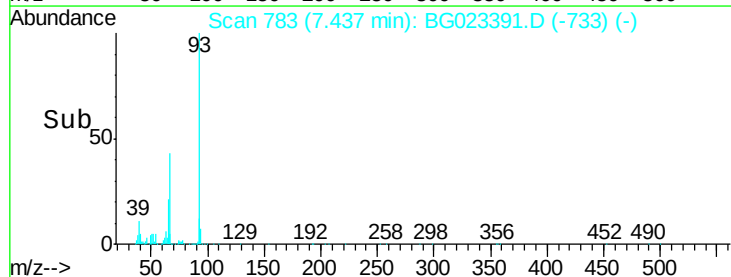
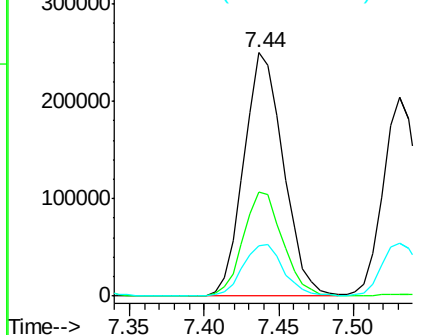
65 20.9 17.9 26.9

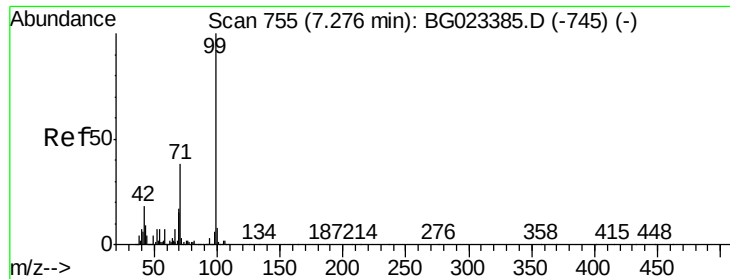


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 164.83 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Instrument :

BNA\_G

ClientSampled :

PB92598BS

Tot Ion: 99 Resp: 1434188

Ion Ratio Lower Upper

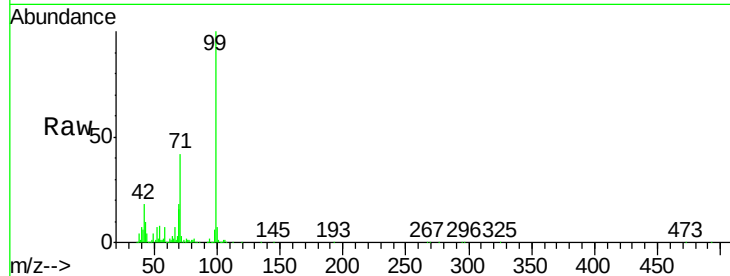
99 100

42 17.9 17.8 26.6

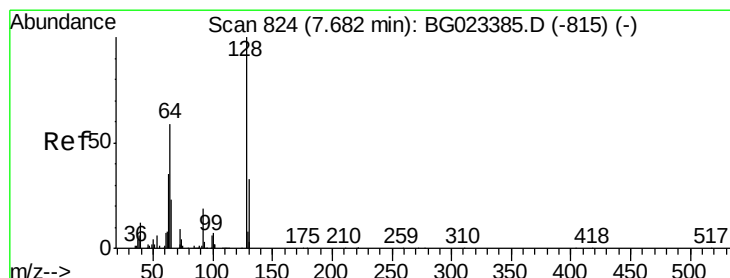
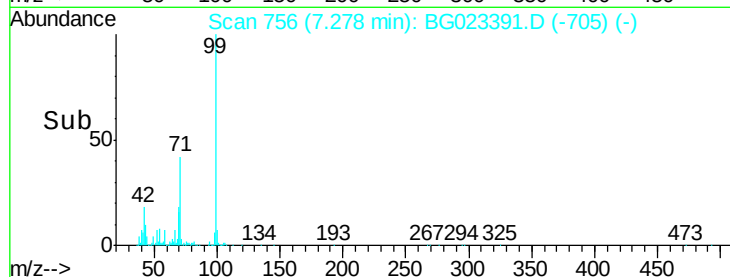
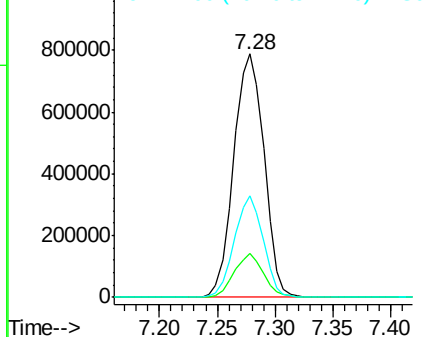
71 41.8 41.5 62.3

Manual Integrations  
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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: 55.68 ng

RT: 7.68 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

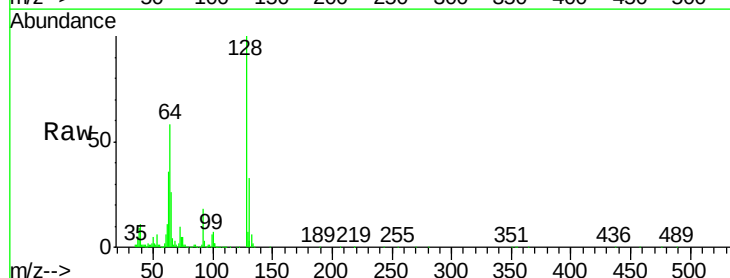
Tgt Ion: 128 Resp: 357365

Ion Ratio Lower Upper

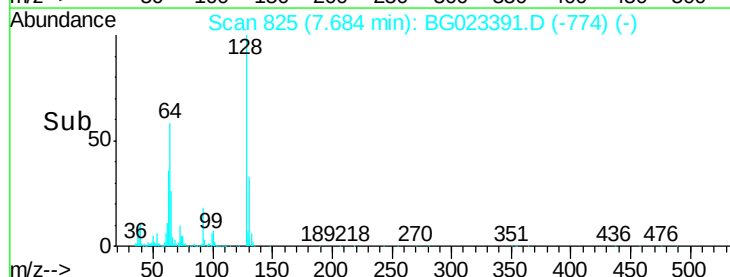
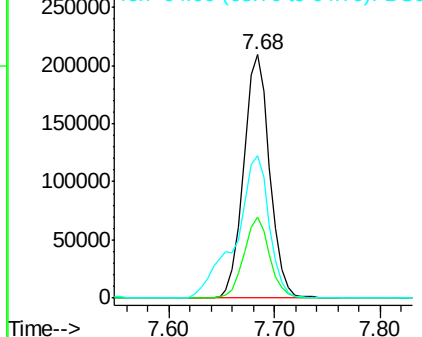
128 100

130 33.3 12.9 52.9

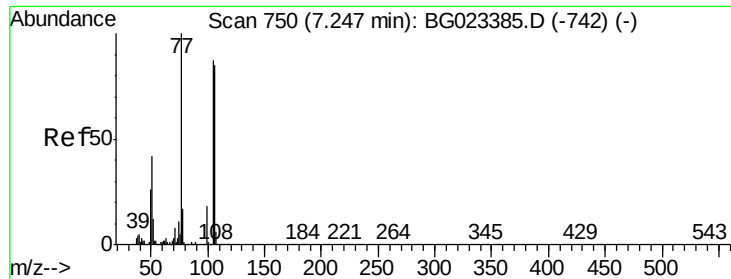
64 58.3 42.0 82.0



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: 41.45 ng

RT: 7.25 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Instrument :

BNA\_G

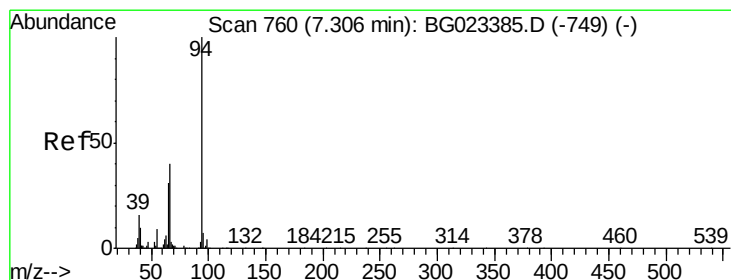
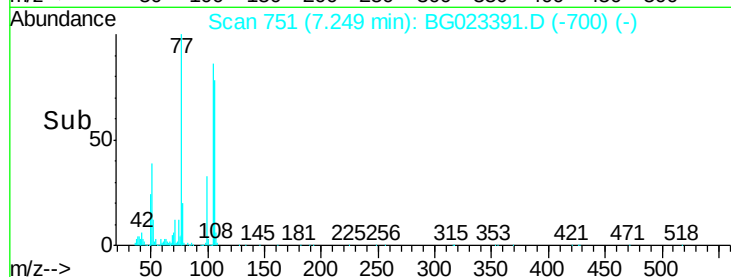
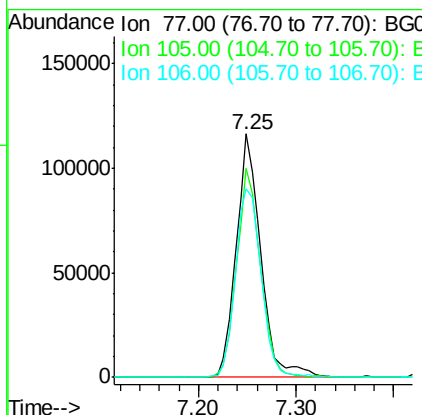
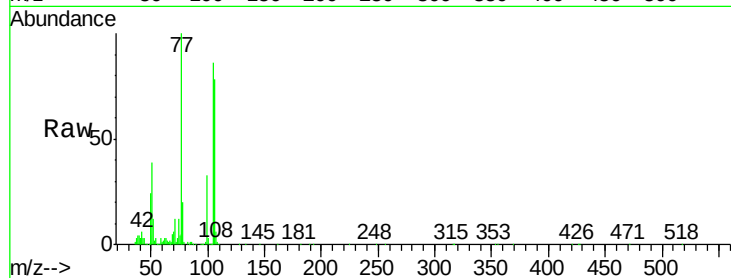
ClientSampleId :

PB92598BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 203357 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 85.6  | 58.7  | 98.7   |
| 106       | 77.7  | 67.5  | 107.5  |

Manual Integrations  
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#10

Phenol

Concen: 58.71 ng

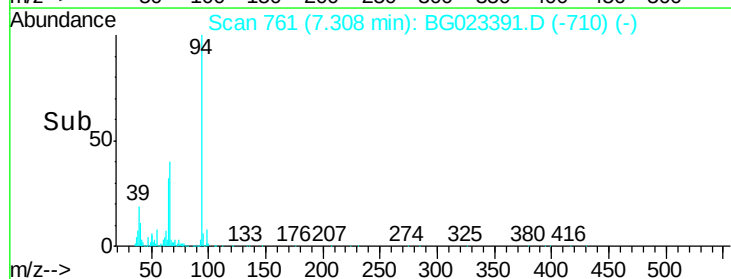
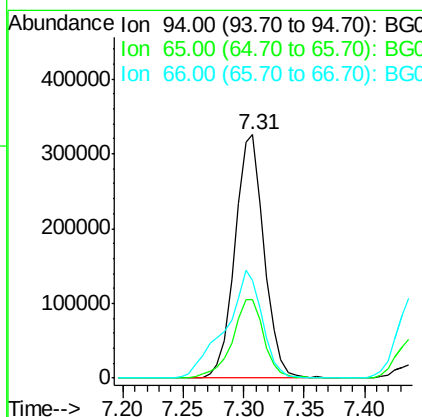
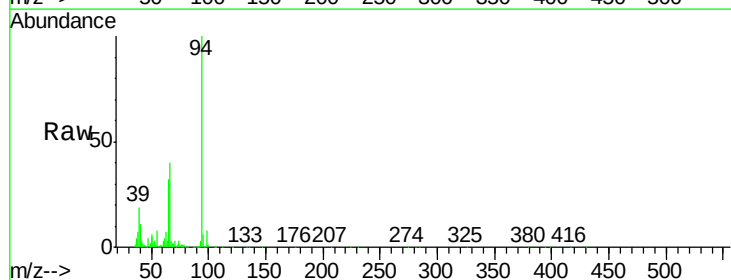
RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

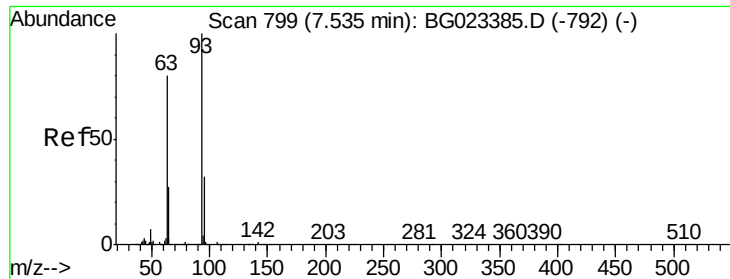
Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 546470 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 32.2  | 18.1  | 58.1   |
| 66        | 40.1  | 42.1  | 82.1#  |







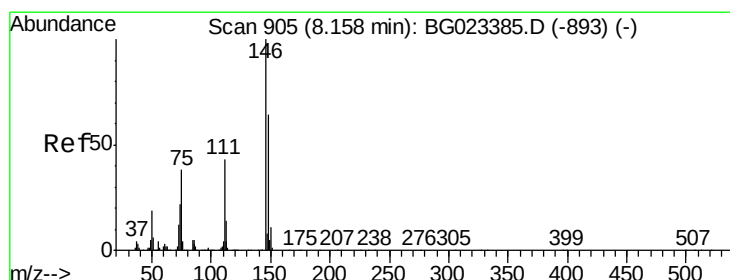
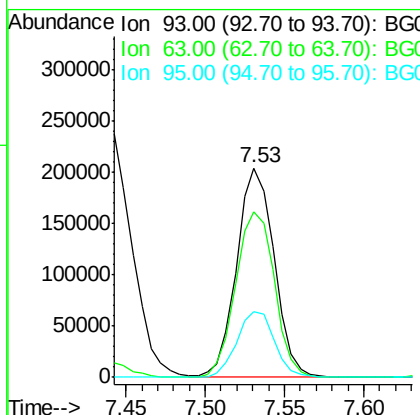
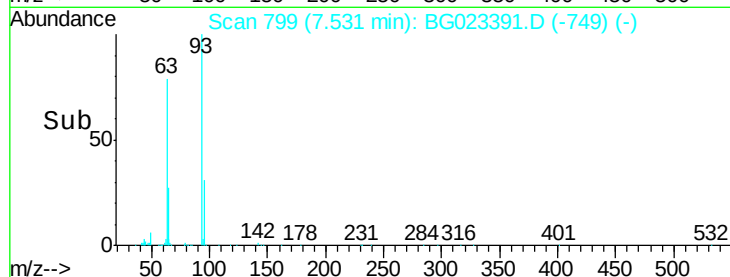
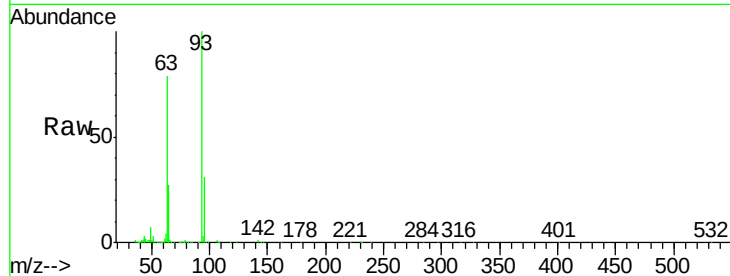
#11  
bis(2-Chloroethyl)ether  
Concen: 44.85 ng  
RT: 7.53 min Scan# 799  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 63      | 79.3  | 55.0 | 95.0  |       |
| 95      | 31.2  | 11.0 | 51.0  |       |

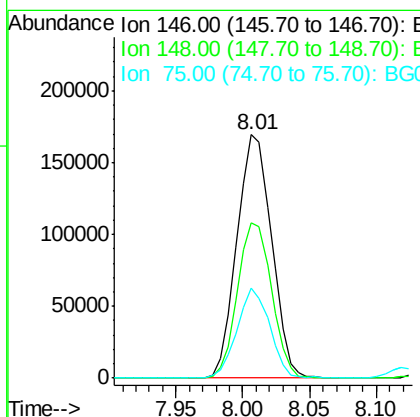
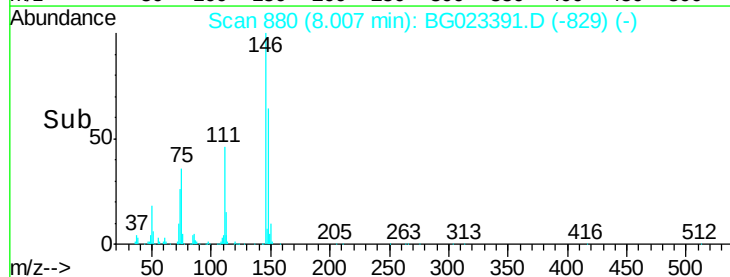
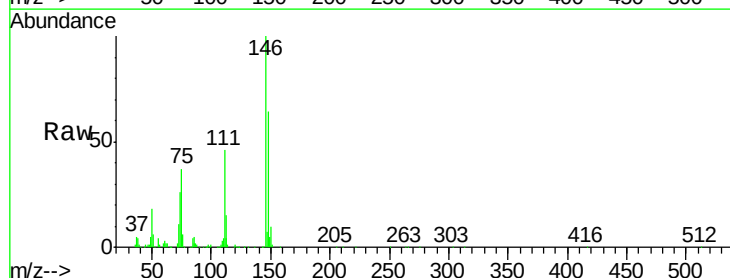
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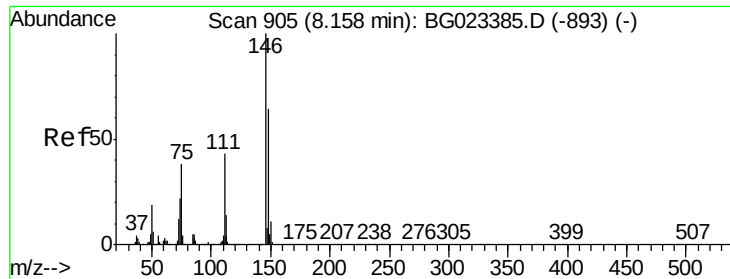
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#12  
1,3-Dichlorobenzene  
Concen: 41.50 ng  
RT: 8.01 min Scan# 880  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 148     | 63.9  | 50.3 | 75.5  |       |
| 75      | 37.2  | 37.0 | 55.6  |       |





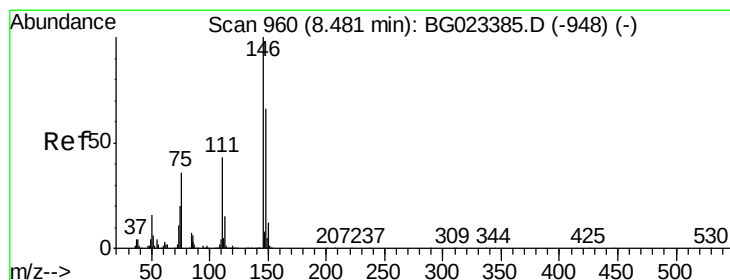
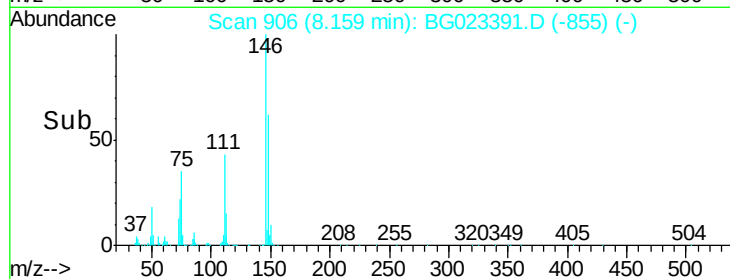
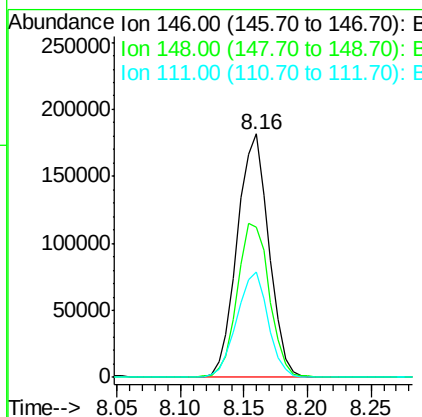
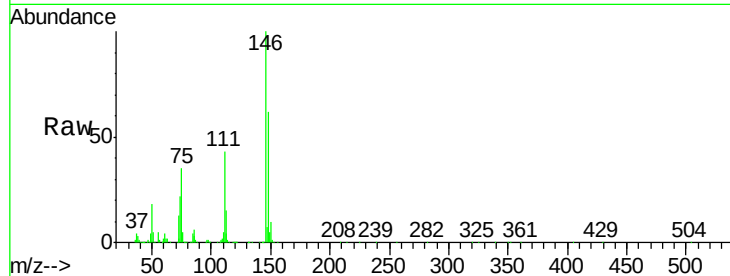
#13  
 1,4-Dichlorobenzene  
 Concen: 41.74 ng  
 RT: 8.16 min Scan# 906  
 Delta R.T. 0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.8  | 54.5  | 81.7  |
| 111     | 43.2  | 37.8  | 56.8  |

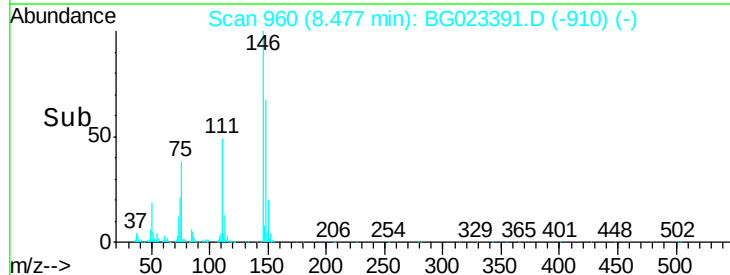
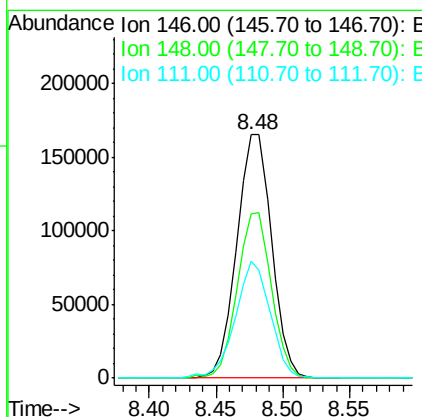
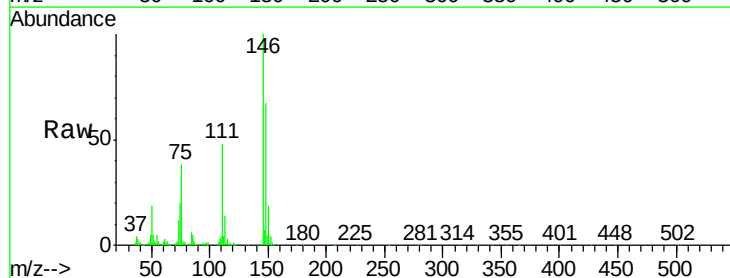
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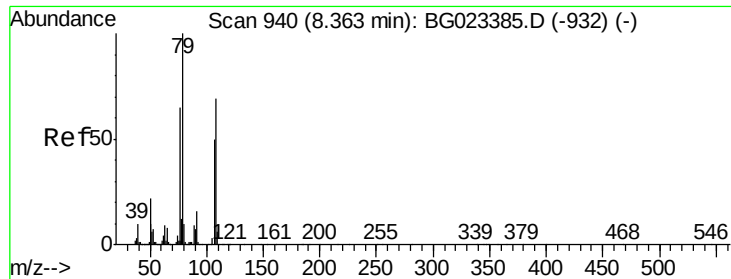
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#14  
 1,2-Dichlorobenzene  
 Concen: 40.52 ng  
 RT: 8.48 min Scan# 960  
 Delta R.T. -0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.5  | 52.9  | 79.3  |
| 111     | 48.1  | 43.5  | 65.3  |





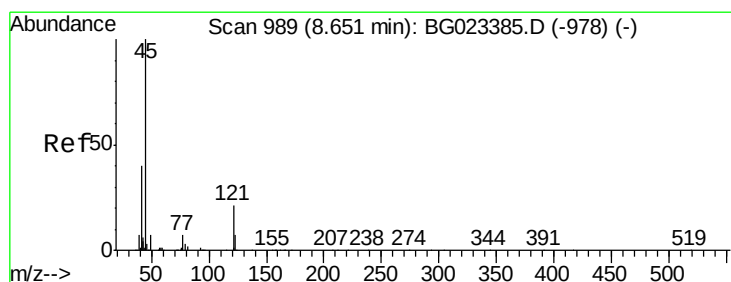
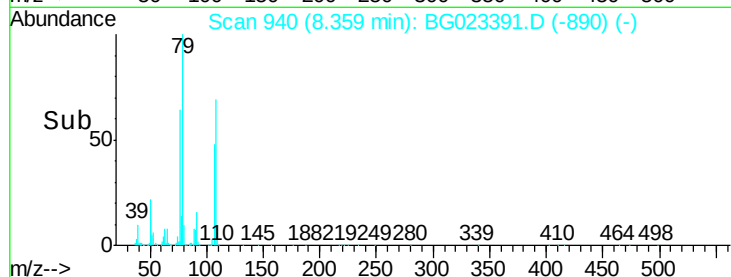
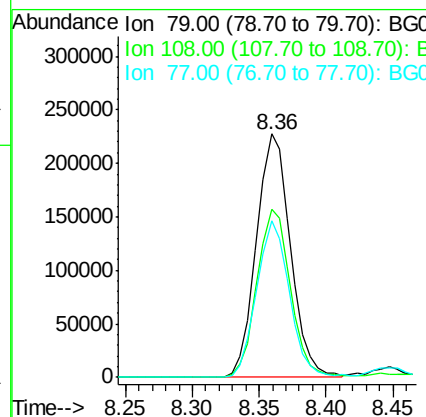
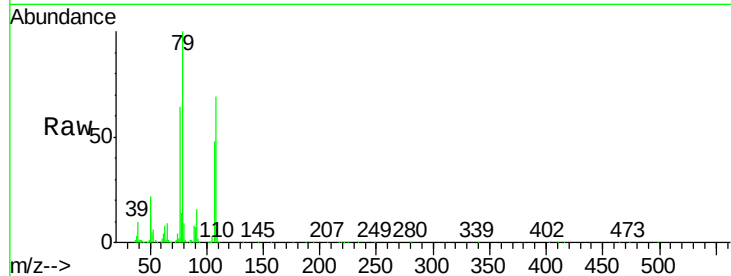
#15  
Benzyl Alcohol  
Concen: 60.70 ng  
RT: 8.36 min Scan# 940  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 69.2  | 46.5  | 69.7  |
| 77      | 64.3  | 52.3  | 78.5  |

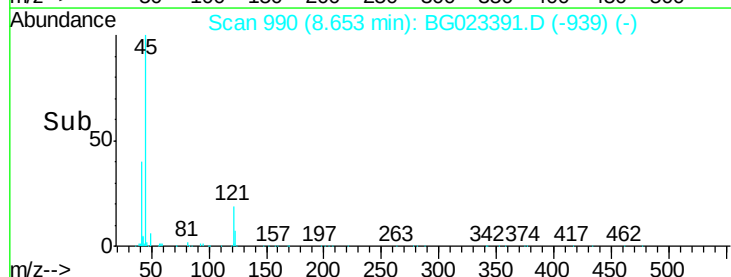
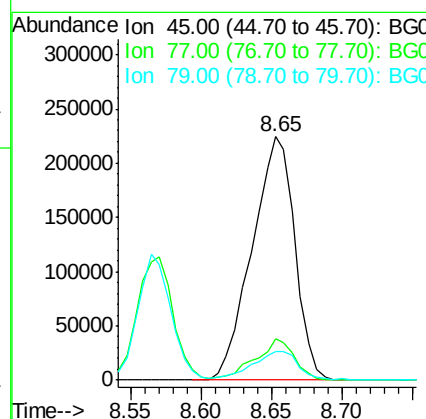
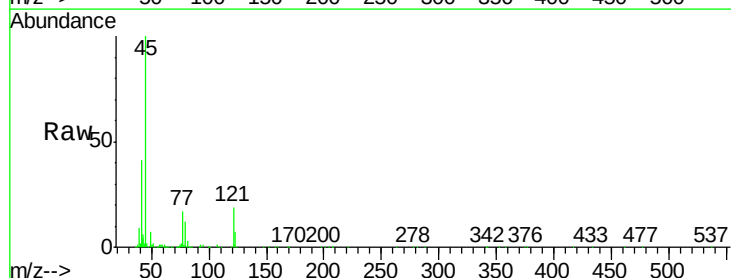
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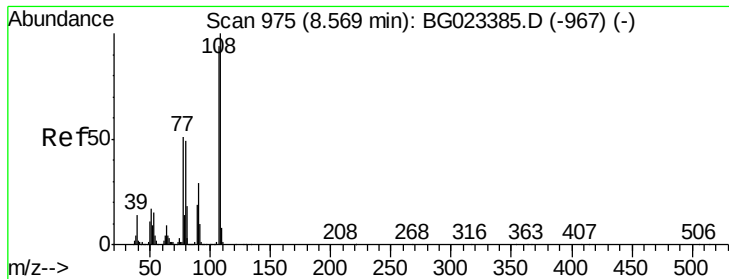
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 43.46 ng  
RT: 8.65 min Scan# 990  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 16.9  | 0.6   | 40.6  |
| 79      | 11.9  | 0.0   | 36.2  |





#17

2-Methylphenol

Concen: 58.90 ng

RT: 8.57 min Scan# 976

Delta R.T. 0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Instrument :

BNA\_G

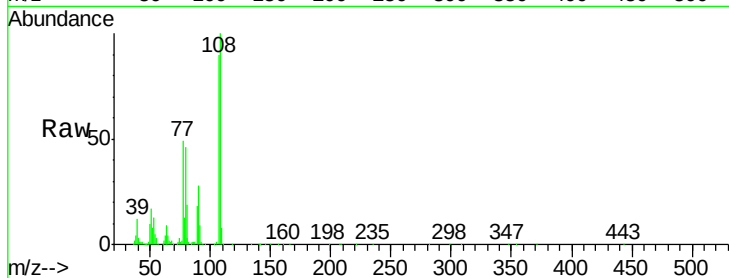
ClientSampleId :

PB92598BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 111.6 | 92.0 | 138.0 |       |
| 77      | 54.6  | 55.8 | 83.6  |       |
| 79      | 51.1  | 55.0 | 82.6  |       |

Manual Integrations  
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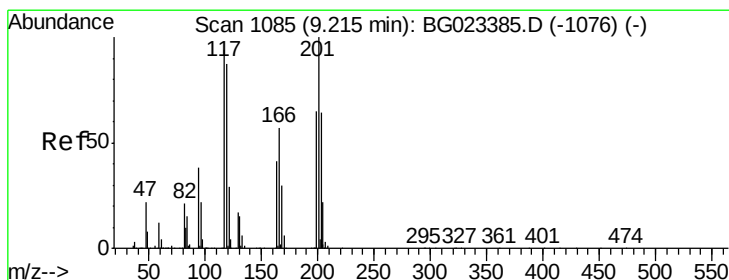
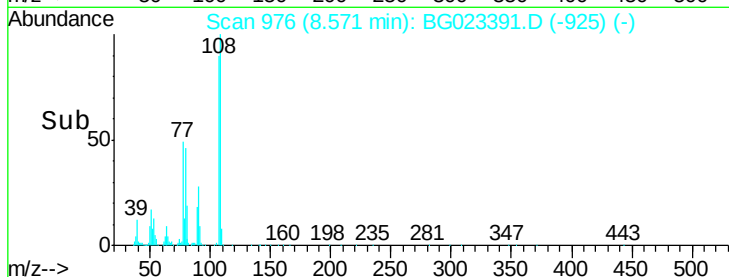
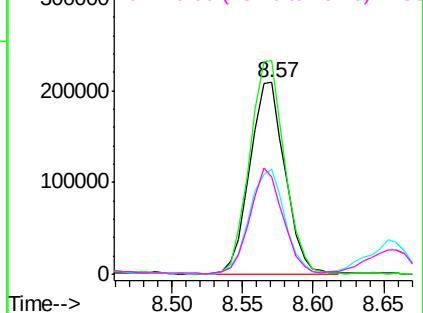


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.58 ng

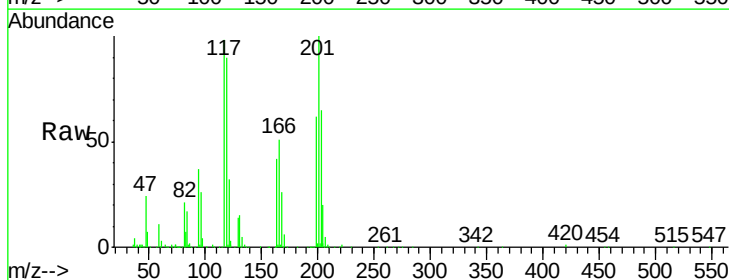
RT: 9.21 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

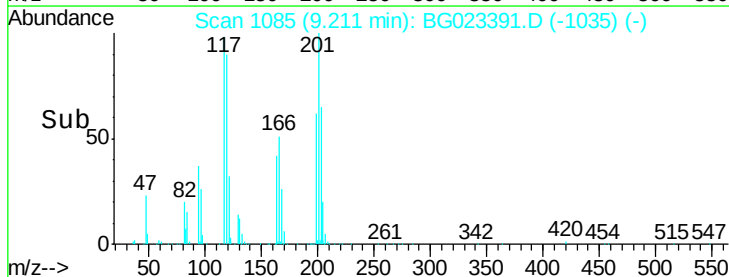
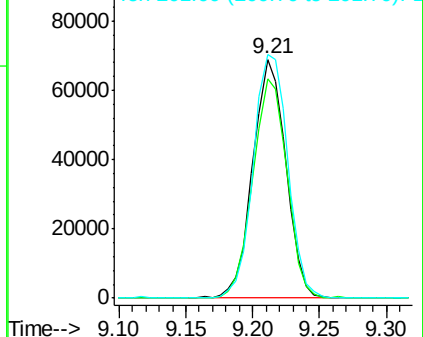
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 91.9  | 73.7 | 110.5 |       |
| 201     | 101.8 | 88.7 | 133.1 |       |

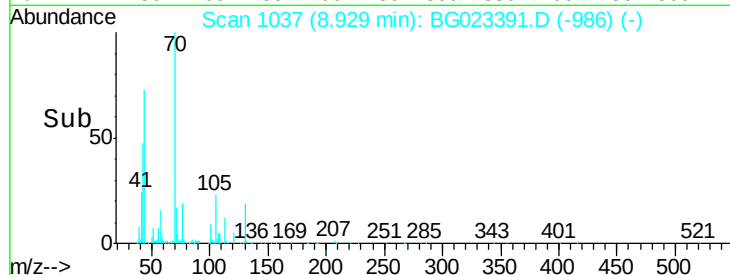
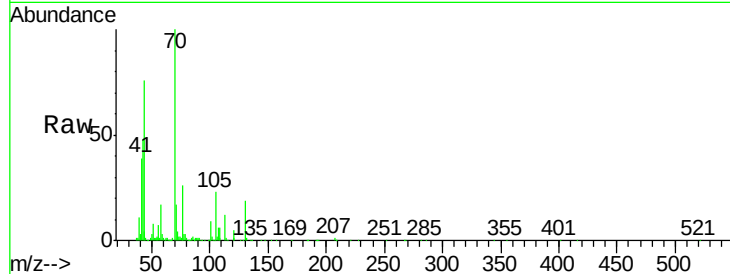
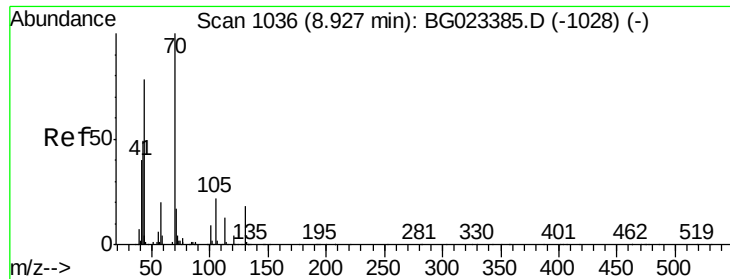


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





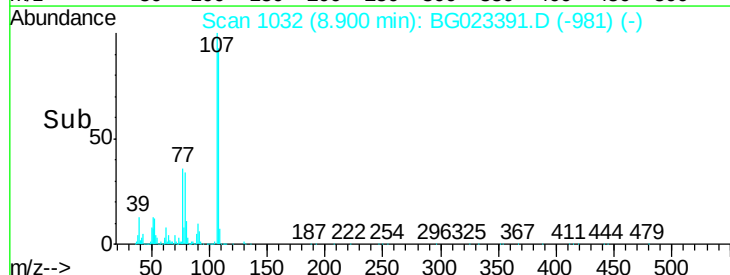
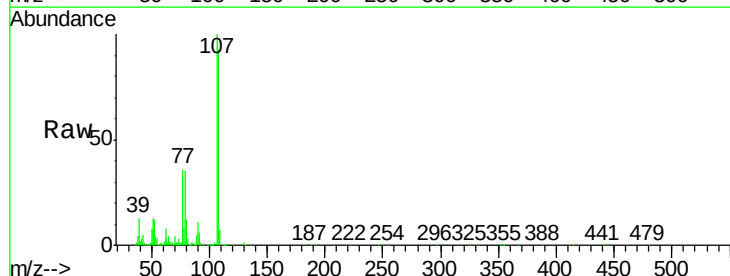
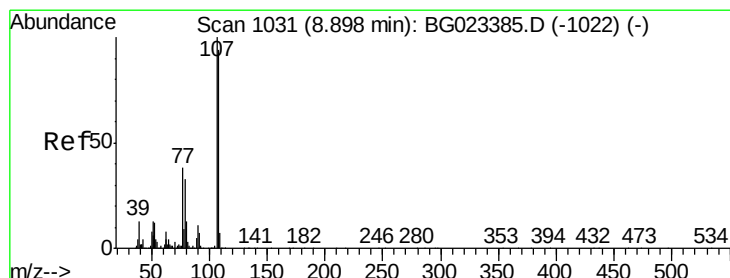
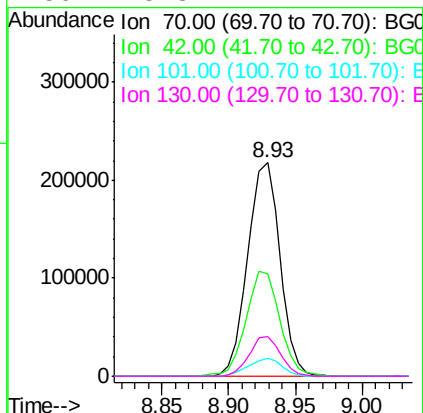
#19  
n-Nitroso-di-n-propylamine  
Concen: 48.47 ng  
RT: 8.93 min Scan# 1037  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 362724 |       |       |
| 42      | 48.2 | 42.1  | 63.1   |       |       |
| 101     | 8.5  | 7.2   | 10.8   |       |       |
| 130     | 18.8 | 14.2  | 21.2   |       |       |

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

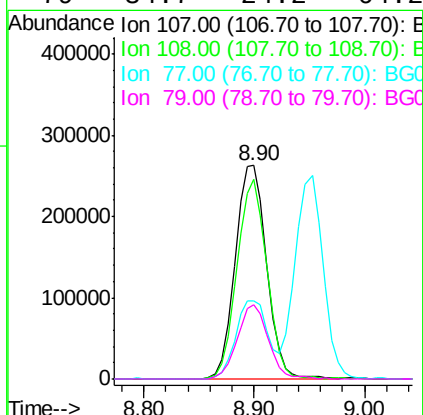
Manual Integrations  
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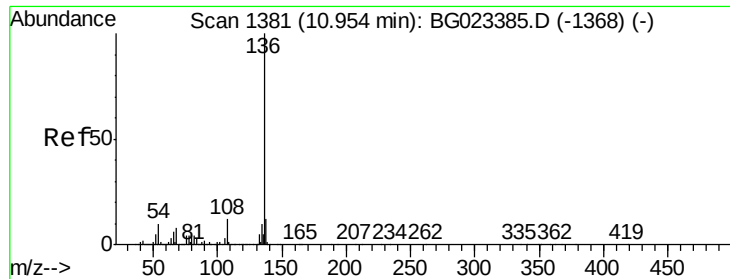
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8/2/2016 5:10:52 PM



#20  
3+4-Methylphenols  
Concen: 59.58 ng  
RT: 8.90 min Scan# 1032  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 524148 |       |       |
| 108     | 93.4 | 72.5  | 112.5  |       |       |
| 77      | 36.5 | 30.1  | 70.1   |       |       |
| 79      | 34.7 | 24.2  | 64.2   |       |       |





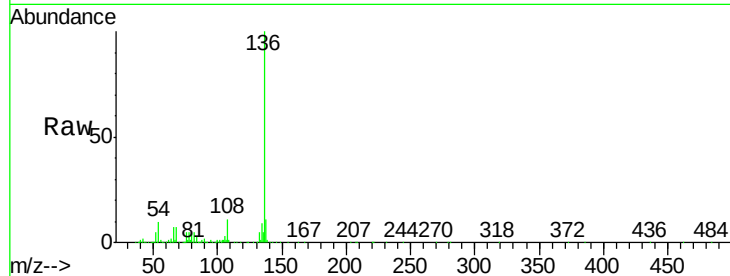
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.96 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

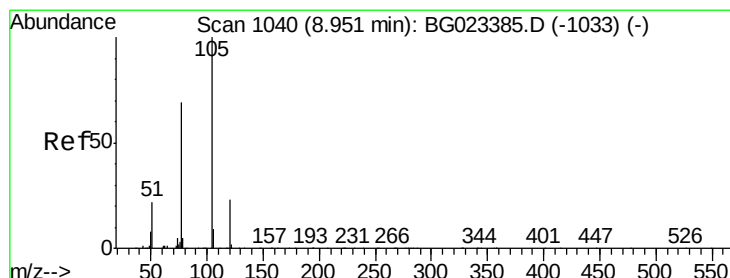
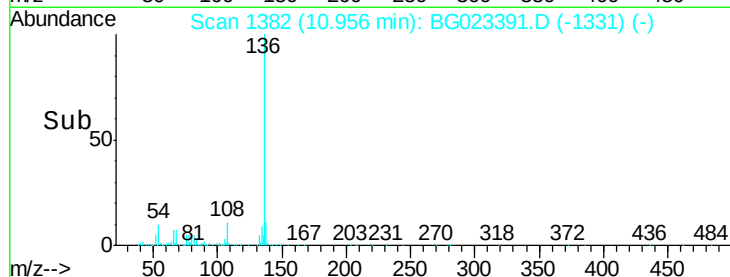
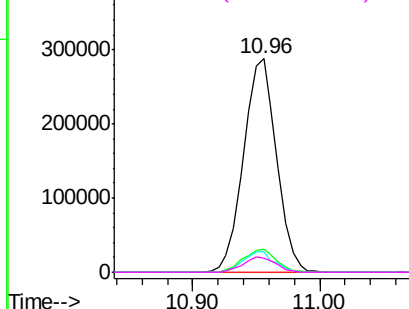
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 518309 |       |       |
| 137     | 11.0  |        | 9.6   | 14.4  |
| 54      | 9.7   |        | 7.3   | 10.9  |
| 68      | 6.9   |        | 5.3   | 7.9   |

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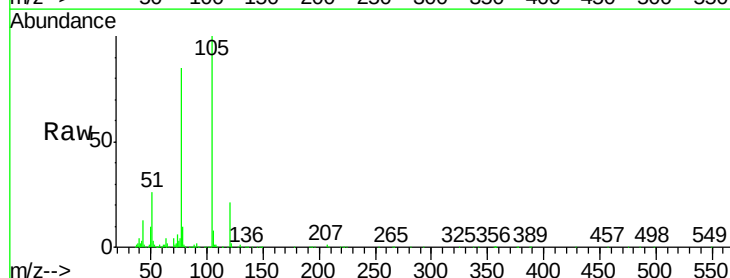


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

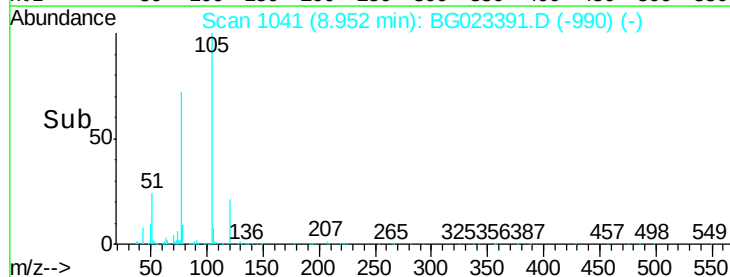
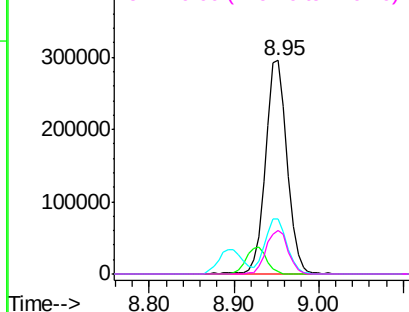


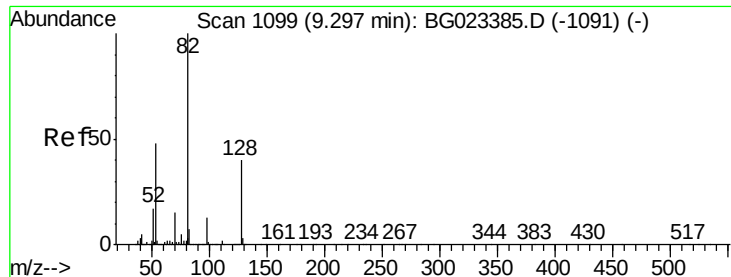
#22  
Acetophenone  
Concen: 36.91 ng  
RT: 8.95 min Scan# 1041  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 523748 |       |       |
| 71      | 1.1   |        | 2.6   | 3.8#  |
| 51      | 26.0  |        | 27.1  | 40.7# |
| 120     | 20.6  |        | 15.1  | 22.7  |



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





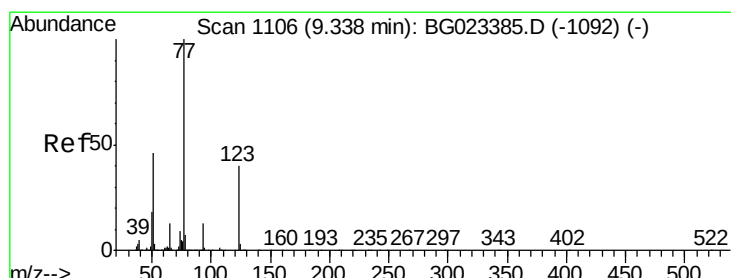
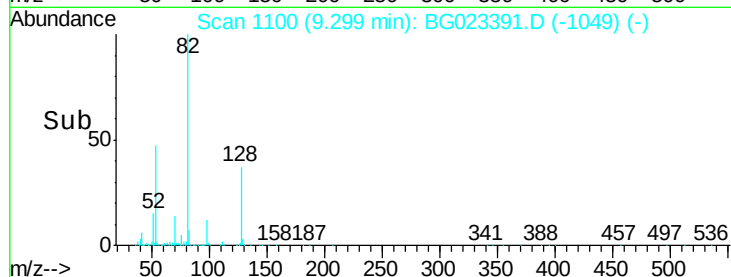
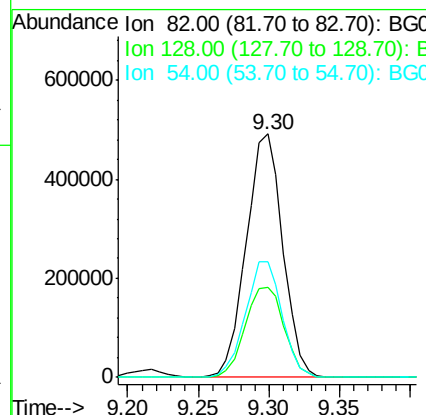
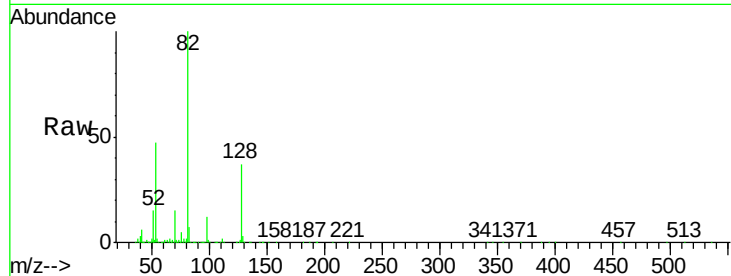
#23  
 Nitrobenzene-d5  
 Concen: 85.31 ng  
 RT: 9.30 min Scan# 1100  
 Delta R.T. 0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 37.1  | 24.4  | 36.6# |
| 54      | 47.3  | 41.4  | 62.0  |

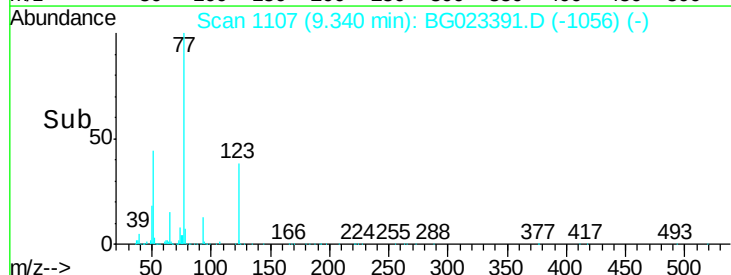
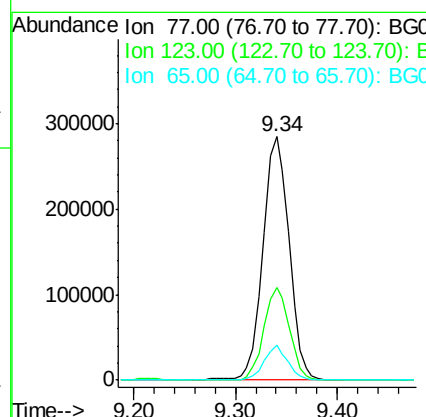
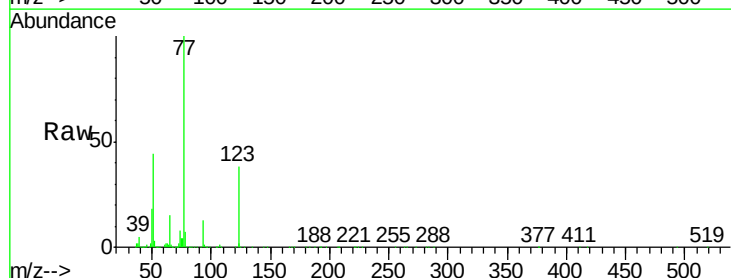
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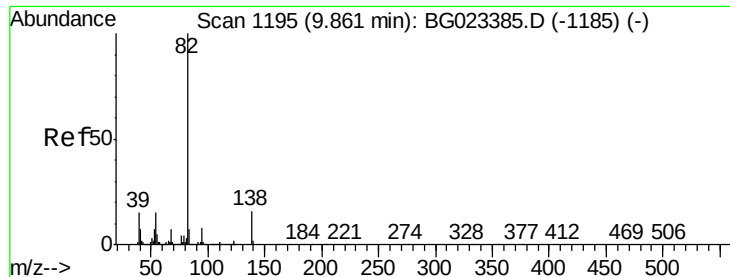


#24  
 Nitrobenzene  
 Concen: 44.18 ng  
 RT: 9.34 min Scan# 1107  
 Delta R.T. 0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 38.0  | 25.0  | 37.6# |
| 65      | 14.5  | 13.4  | 20.0  |







#25

Isophorone

Concen: 45.68 ng

RT: 9.86 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Instrument :

BNA\_G

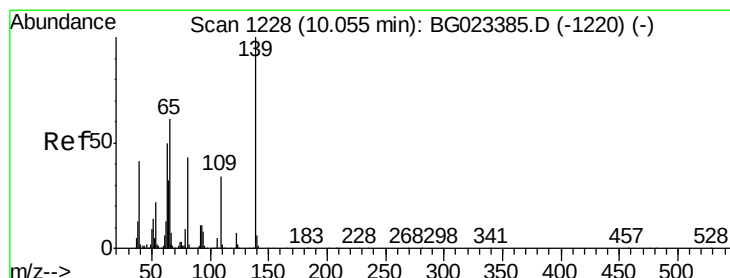
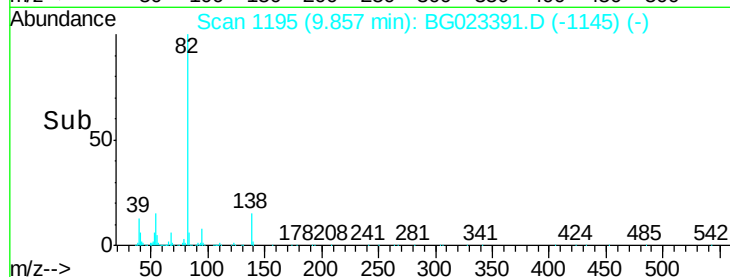
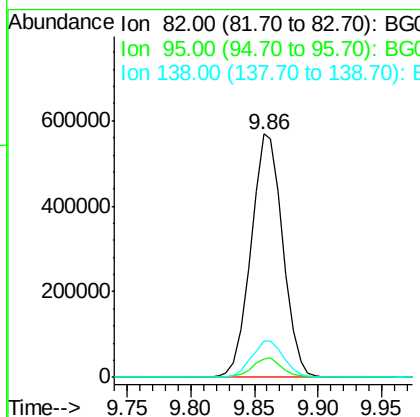
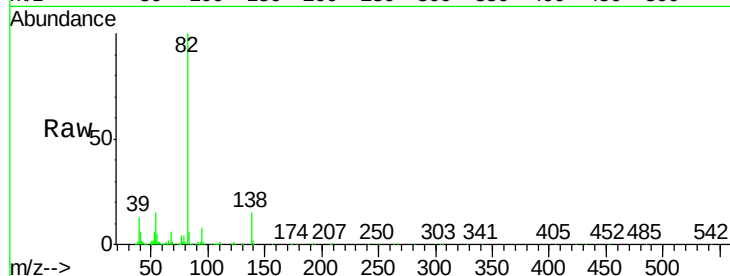
ClientSampleId :

PB92598BS

| Tot Ion   | 82    | Resp  | 992022 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.5   | 8.2   | 12.2#  |
| 138       | 14.9  | 10.7  | 16.1   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 44.41 ng

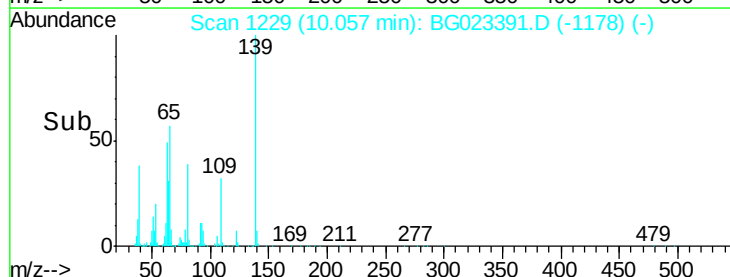
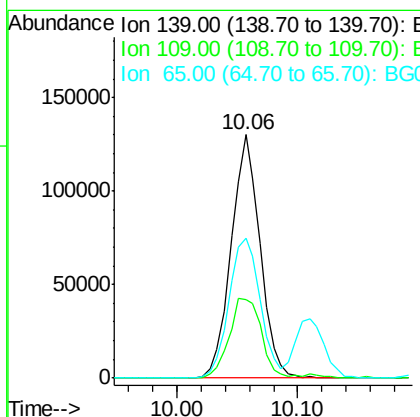
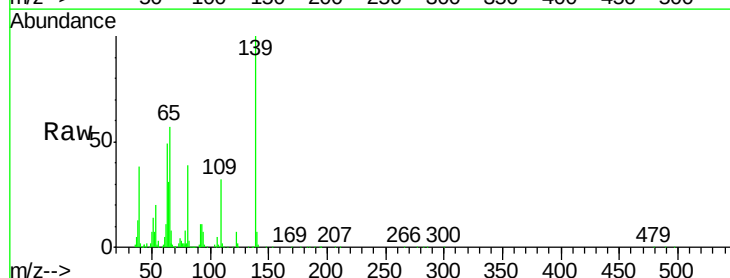
RT: 10.06 min Scan# 1229

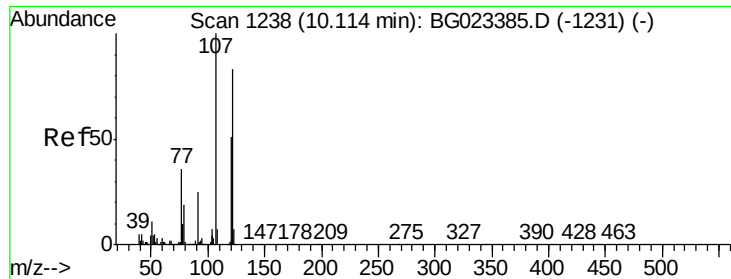
Delta R.T. 0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

| Tgt Ion   | 139   | Resp  | 216371 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 32.1  | 43.5  | 65.3#  |
| 65        | 57.5  | 64.3  | 96.5#  |





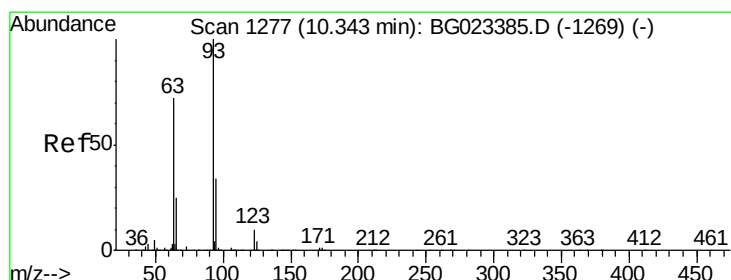
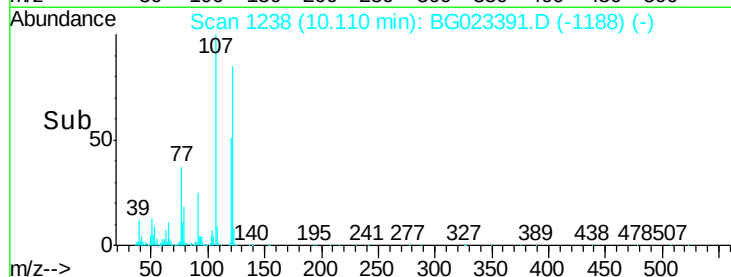
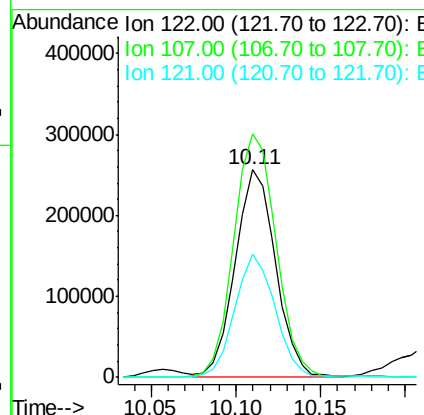
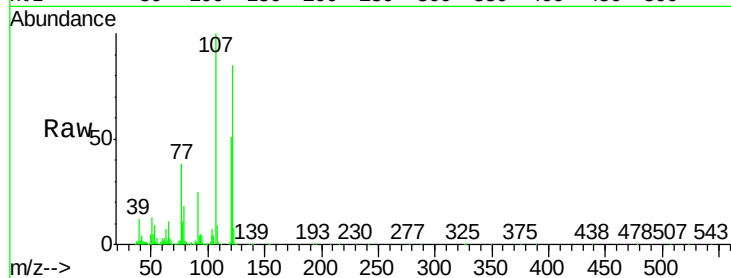
#27  
2,4-Dimethylphenol  
Concen: 51.00 ng  
RT: 10.11 min Scan# 1238  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 117.3 | 117.0 | 175.4 |
| 121     | 59.6  | 50.1  | 75.1  |

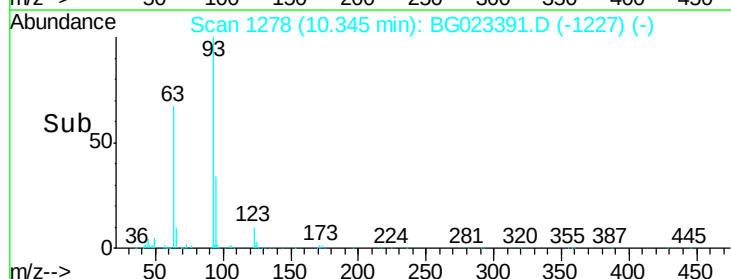
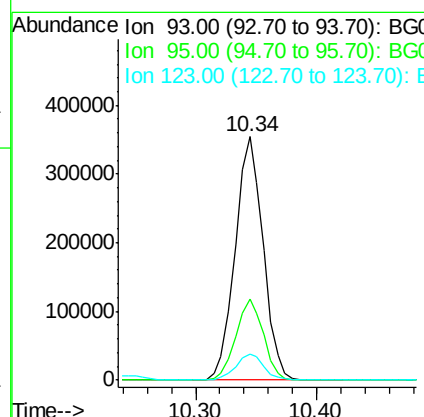
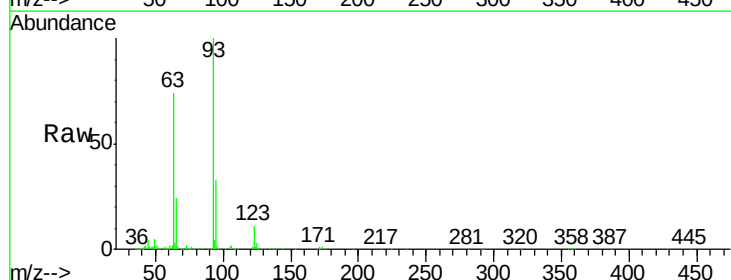
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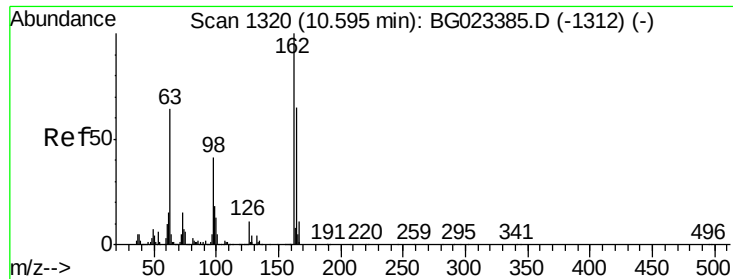
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#28  
bis(2-Chloroethoxy)methane  
Concen: 43.67 ng  
RT: 10.34 min Scan# 1278  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.2  | 25.4  | 38.2  |
| 123     | 10.7  | 8.2   | 12.2  |





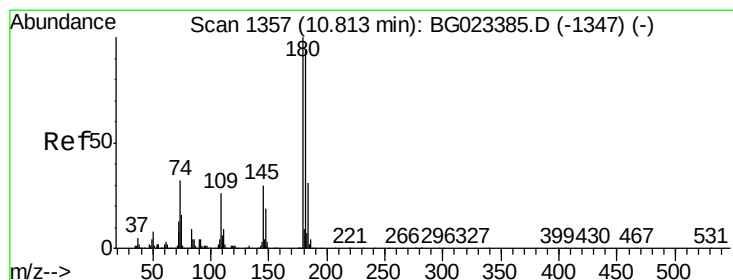
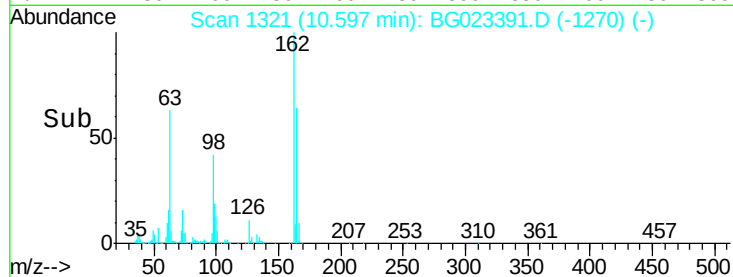
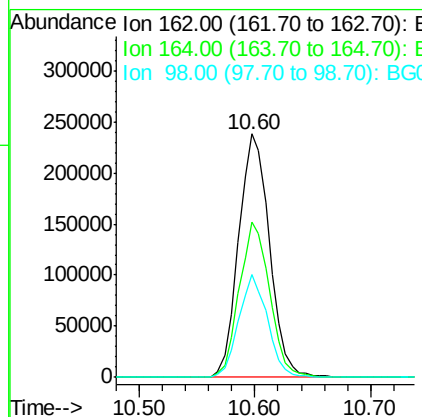
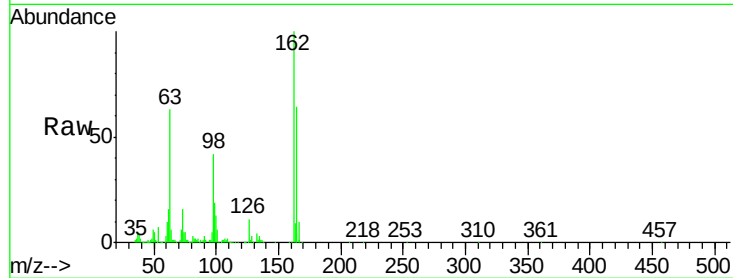
#29  
2,4-Dichlorophenol  
Concen: 52.81 ng  
RT: 10.60 min Scan# 1321  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 440574 |       |       |
| 164     | 63.5  | 44.3   | 84.3  |       |
| 98      | 42.5  | 19.5   | 59.5  |       |

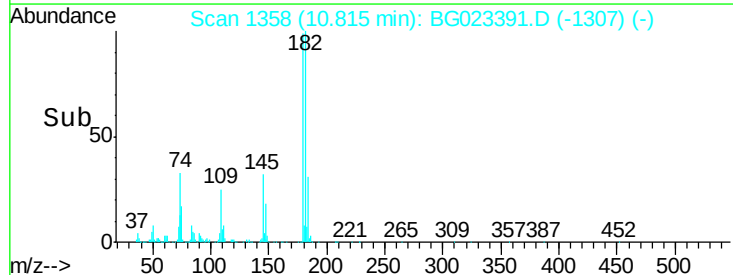
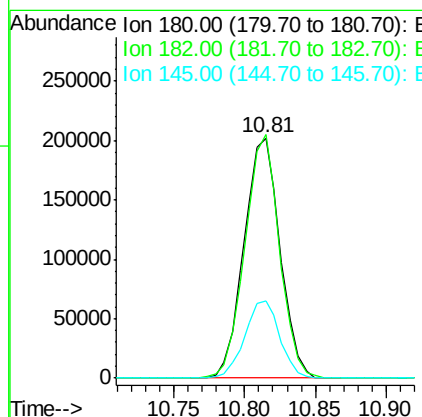
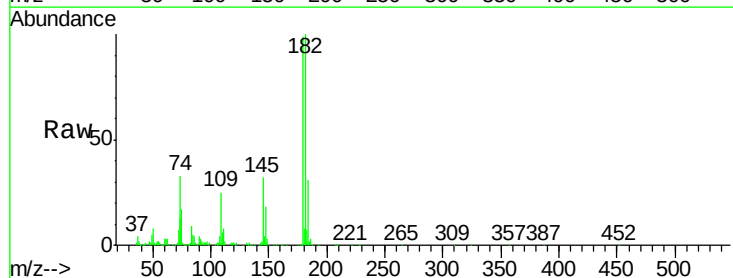
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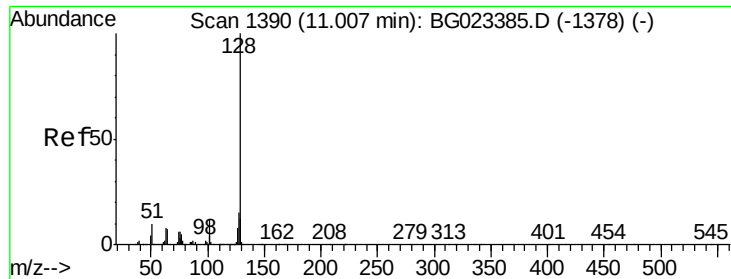
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#30  
1,2,4-Trichlorobenzene  
Concen: 40.16 ng  
RT: 10.81 min Scan# 1358  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 361337 |       |       |
| 182     | 101.4 | 73.8   | 110.8 |       |
| 145     | 32.2  | 24.4   | 36.6  |       |





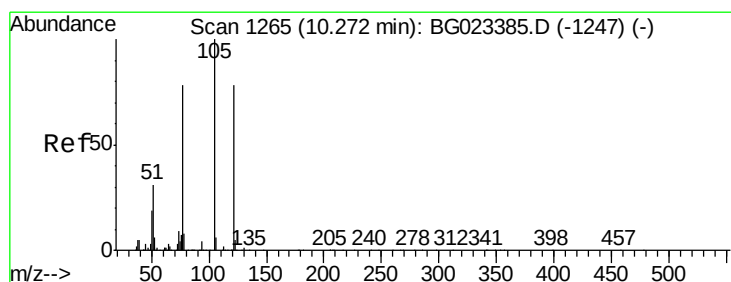
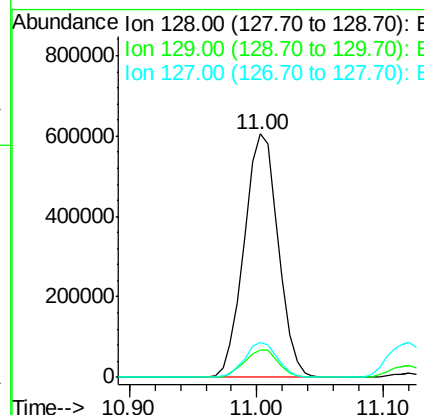
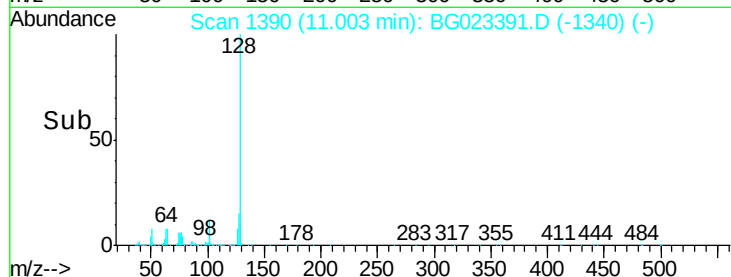
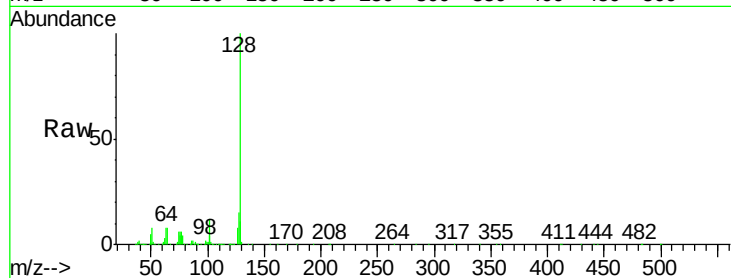
#31  
Naphthalene  
Concen: 42.83 ng  
RT: 11.00 min Scan# 1390  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 9.4   | 14.0  |
| 127     | 14.6  | 11.3  | 16.9  |

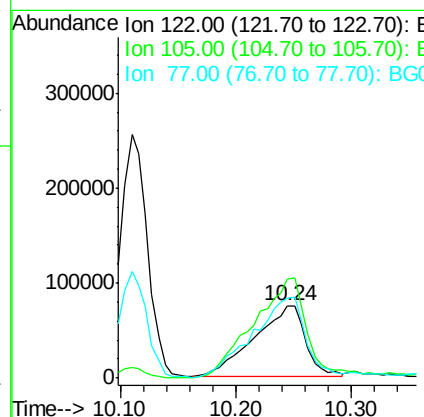
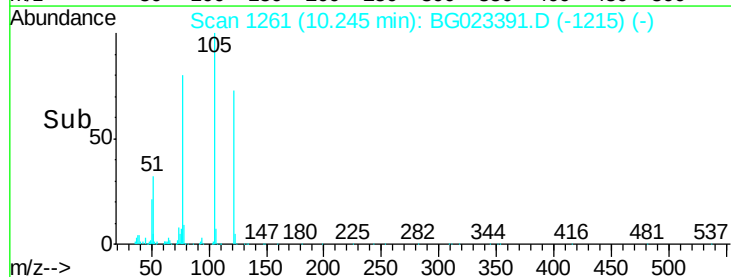
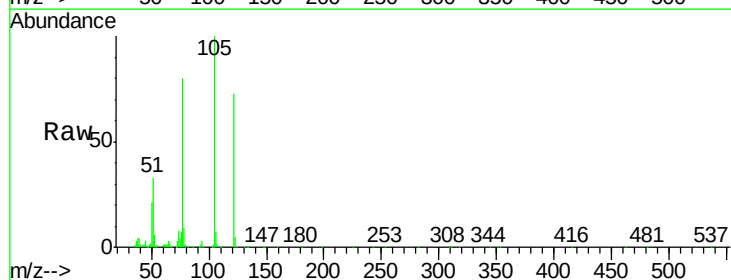
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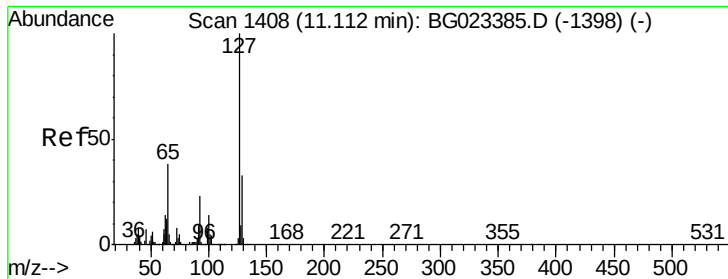
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#32  
Benzoic acid  
Concen: 32.96 ng  
RT: 10.24 min Scan# 1261  
Delta R.T. -0.03 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 137.4 | 117.2 | 157.2 |
| 77      | 110.4 | 109.2 | 149.2 |





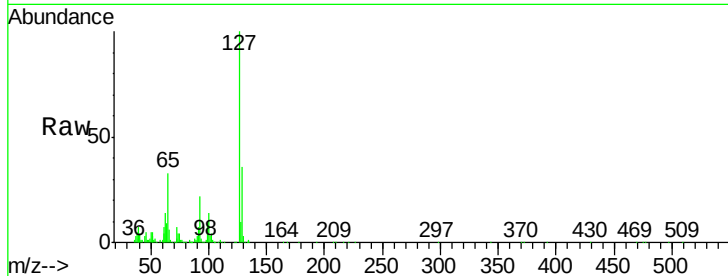
#33  
4-Chloroaniline  
Concen: 14.87 ng  
RT: 11.12 min Scan# 1410  
Delta R.T. 0.01 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

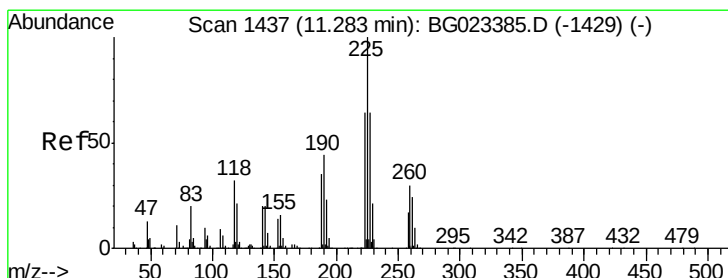
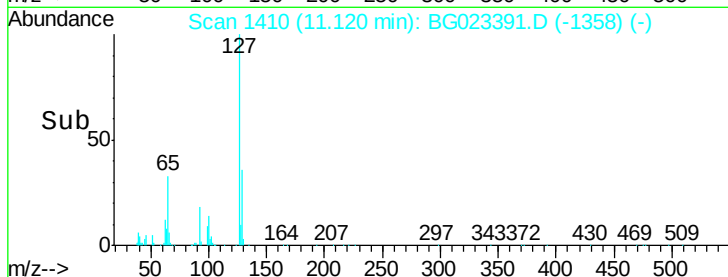
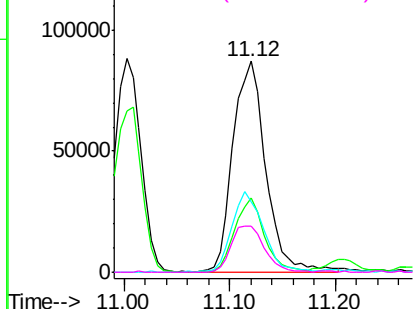
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 35.5  | 27.9 | 41.9  |       |
| 65      | 33.3  | 36.8 | 55.2  |       |
| 92      | 21.7  | 21.0 | 31.6  |       |

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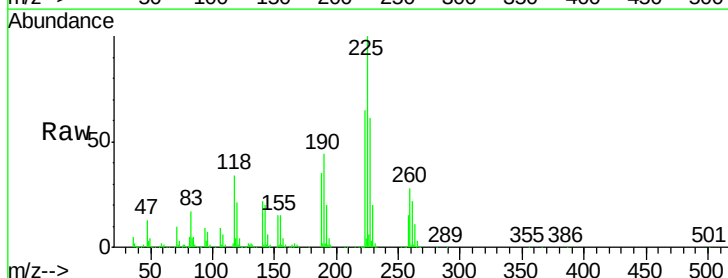


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

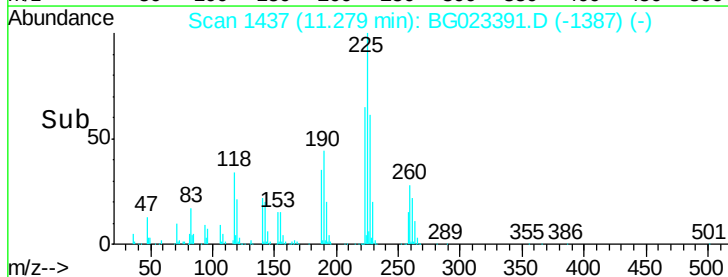
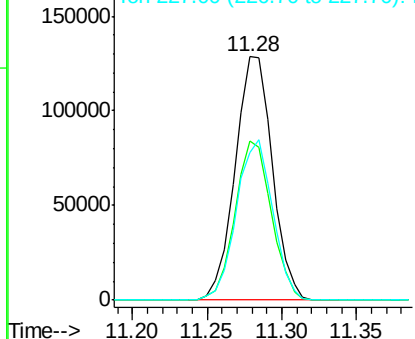


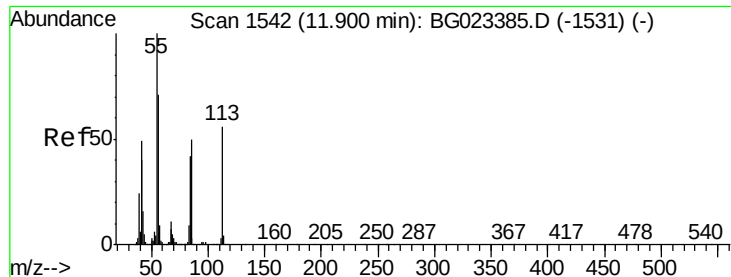
#34  
Hexachlorobutadiene  
Concen: 37.62 ng  
RT: 11.28 min Scan# 1437  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 65.5  | 49.6 | 74.4  |       |
| 227     | 60.6  | 54.5 | 81.7  |       |



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: 57.46 ng/ml

RT: 11.90 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Instrument :

BNA\_G

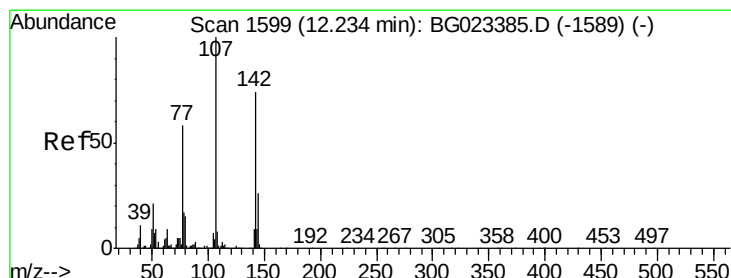
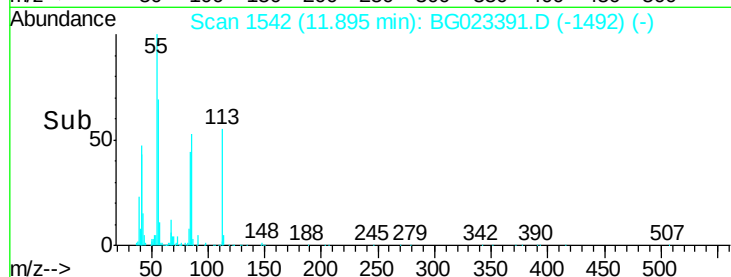
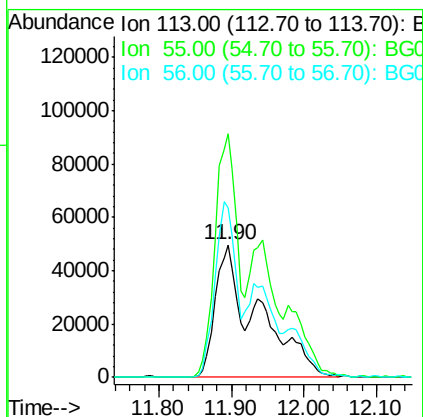
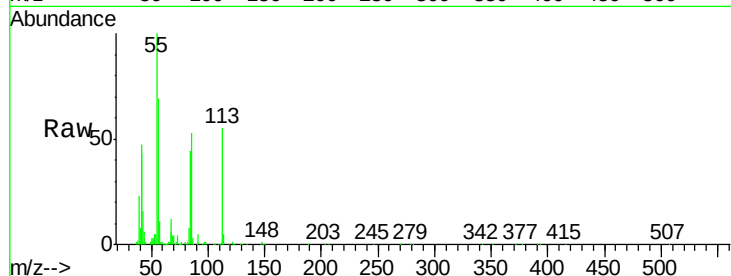
ClientSampleId :

PB92598BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 201685 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 183.2 | 154.5 | 194.5  |
| 56        | 127.2 | 125.1 | 165.1  |

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#36

4-Chloro-3-methylphenol

Concen: 52.09 ng/ml

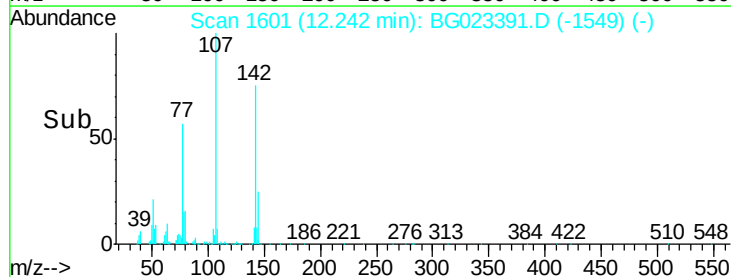
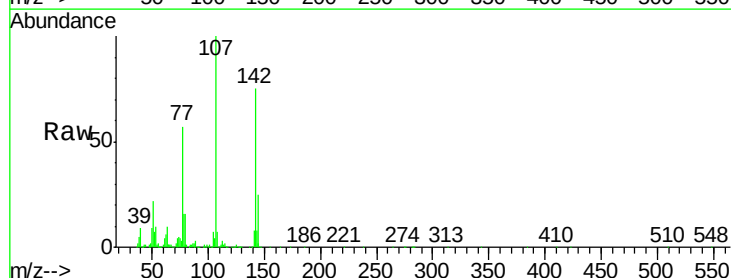
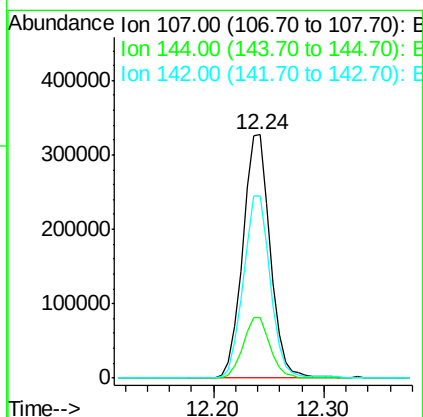
RT: 12.24 min Scan# 1601

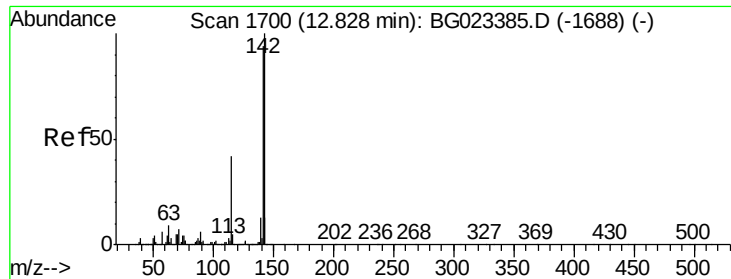
Delta R.T. 0.01 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 570939 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 25.1  | 17.0  | 25.6   |
| 142       | 74.6  | 53.0  | 79.6   |





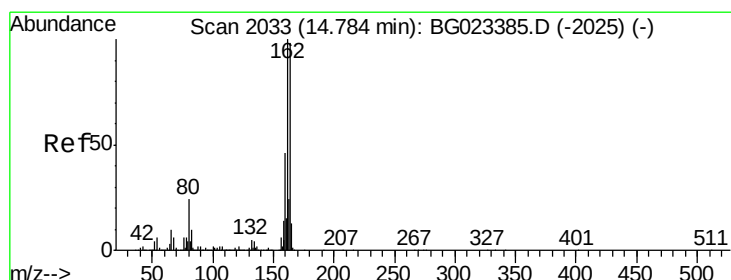
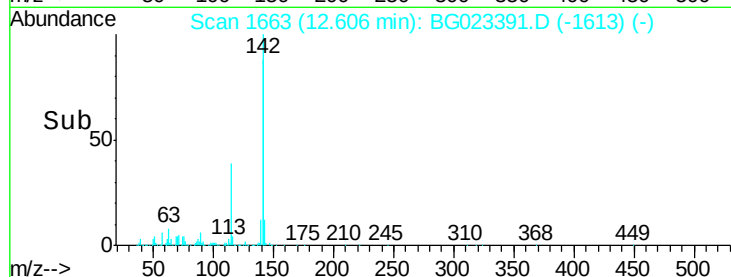
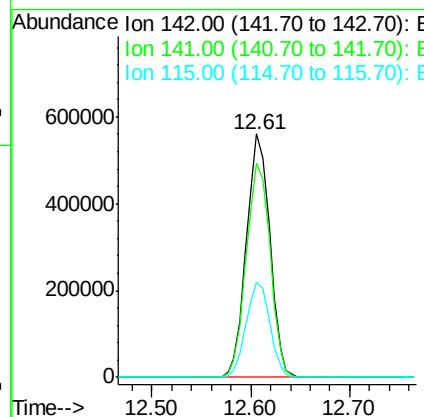
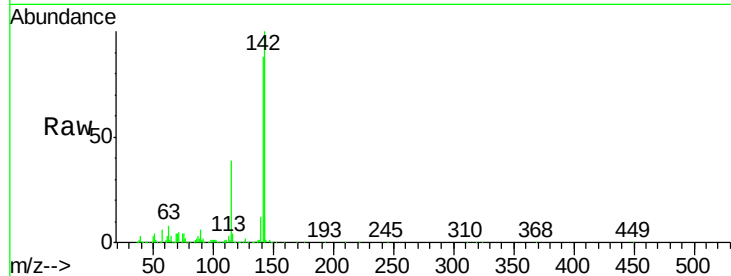
#37  
2-Methylnaphthalene  
Concen: 45.77 ng/ml  
RT: 12.61 min Scan# 1663  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.0  | 70.2  | 105.2 |
| 115     | 39.3  | 41.7  | 62.5  |

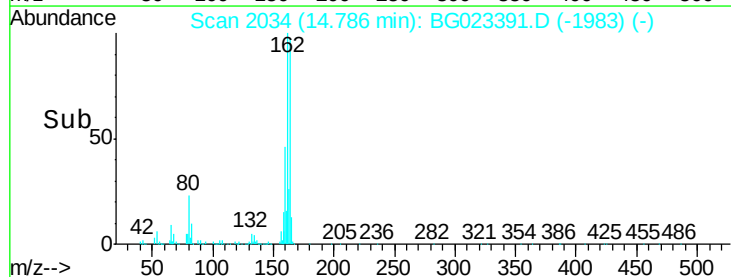
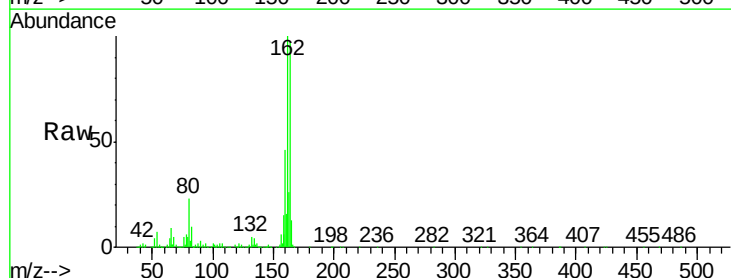
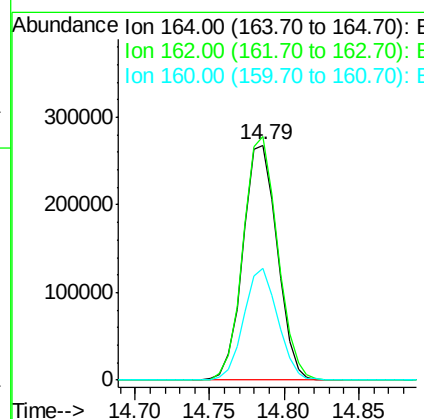
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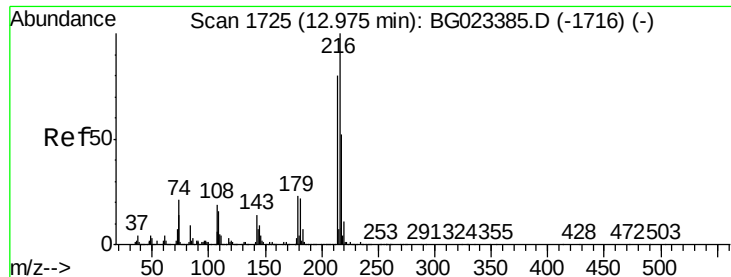
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.79 min Scan# 2034  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.6 | 87.7  | 131.5 |
| 160     | 47.5  | 37.2  | 55.8  |





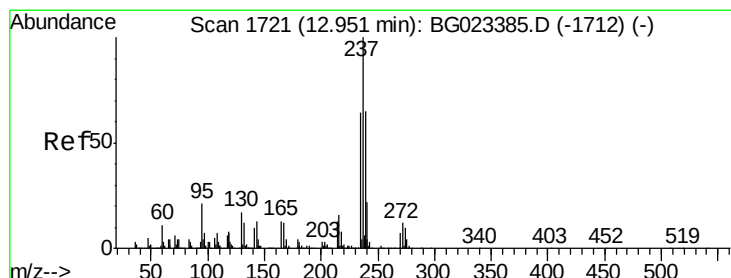
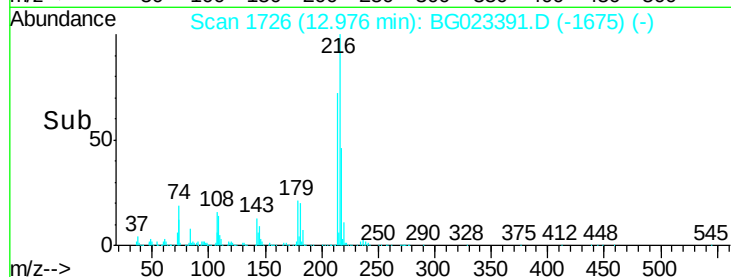
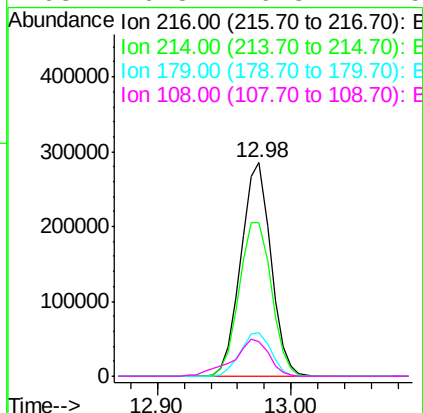
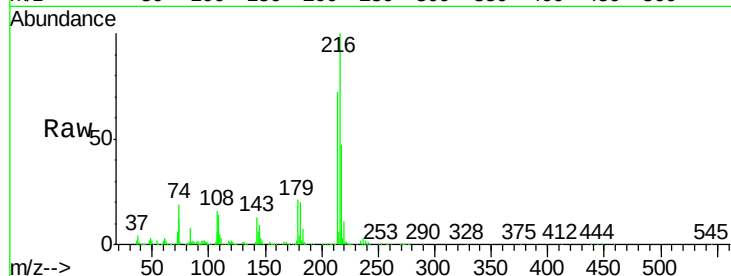
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 28.67 ng  
 RT: 12.98 min Scan# 1726  
 Delta R.T. 0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92598BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 77.7  | 62.9 | 94.3  |       |
| 179     | 21.3  | 17.2 | 25.8  |       |
| 108     | 20.8  | 16.3 | 24.5  |       |

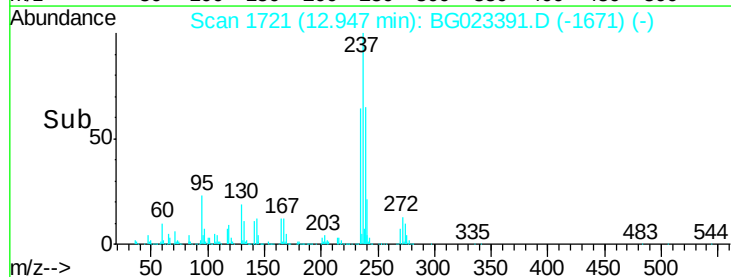
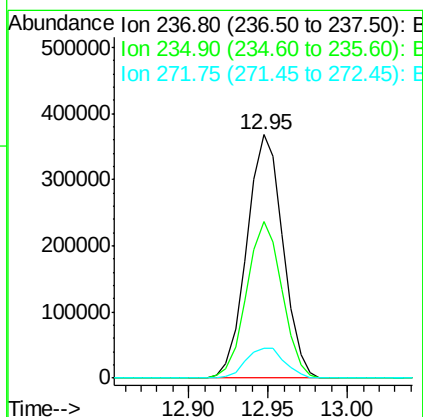
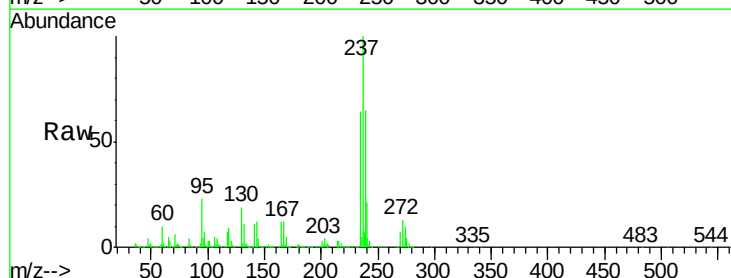
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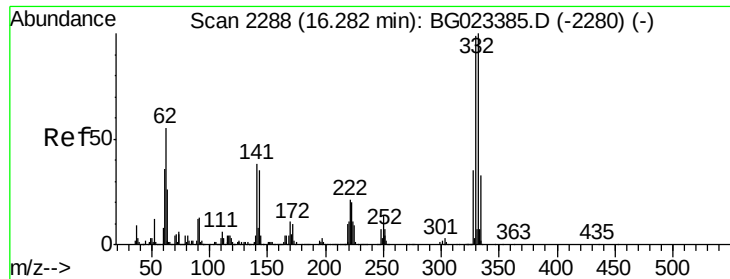


#40  
 Hexachlorocyclopentadiene  
 Concen: 74.71 ng  
 RT: 12.95 min Scan# 1721  
 Delta R.T. -0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 237     | 100   |      |       |       |
| 235     | 64.3  | 43.1 | 83.1  |       |
| 272     | 12.5  | 0.0  | 30.9  |       |







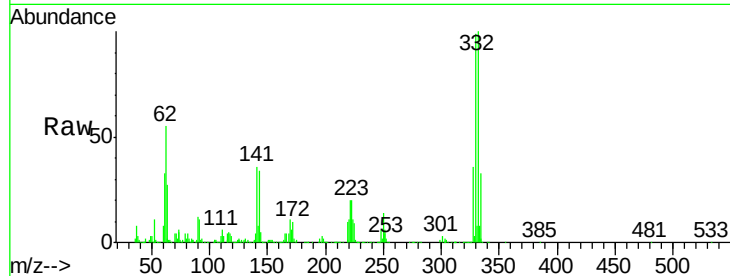
#41  
 2,4,6-Tribromophenol  
 Concen: 137.61 ng  
 RT: 16.28 min Scan# 2289  
 Delta R.T. 0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92598BS

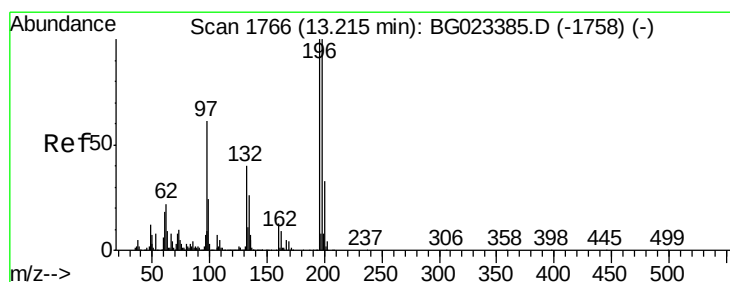
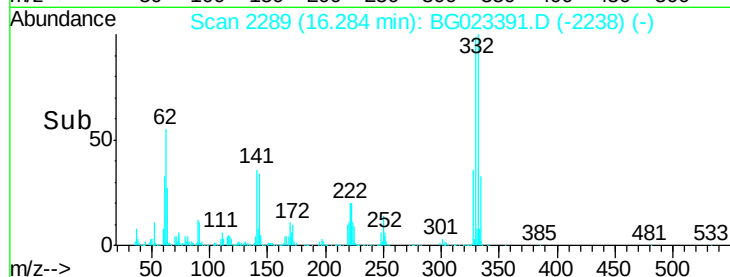
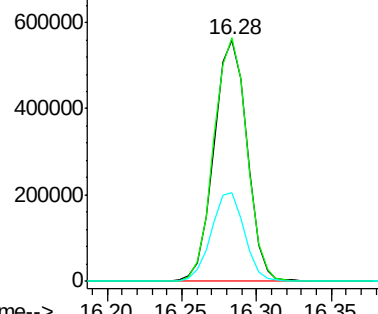
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   |        |       |       |
| 332     | 101.4 | 857886 | 77.4  | 116.2 |
| 141     | 37.1  |        | 31.7  | 47.5  |

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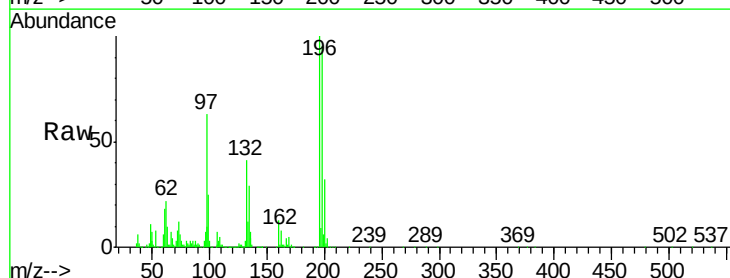


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

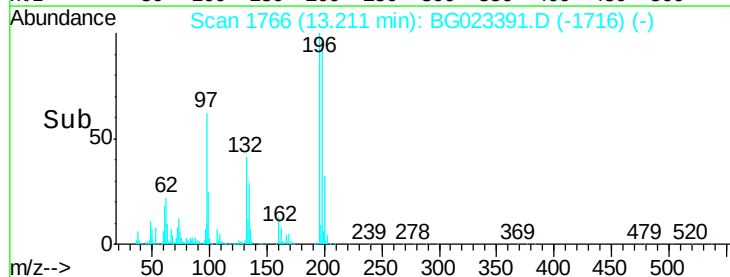
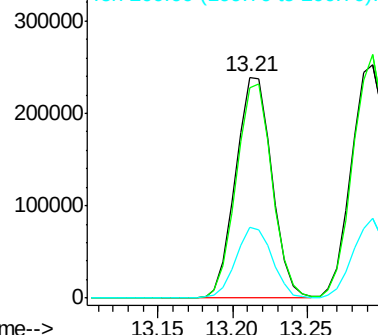


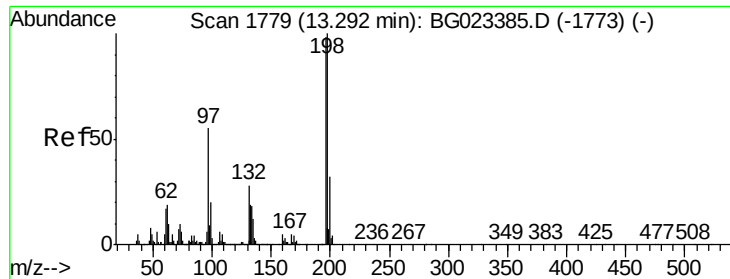
#42  
 2,4,6-Trichlorophenol  
 Concen: 43.71 ng  
 RT: 13.21 min Scan# 1766  
 Delta R.T. -0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 402488 |       |       |
| 198     | 95.3  |        | 78.2  | 117.2 |
| 200     | 32.1  |        | 27.0  | 40.4  |



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





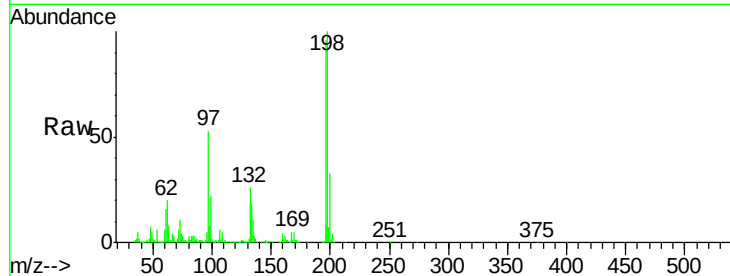
#43  
 2,4,5-Trichlorophenol  
 Concen: 46.03 ng  
 RT: 13.29 min Scan# 1780  
 Delta R.T. 0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92598BS

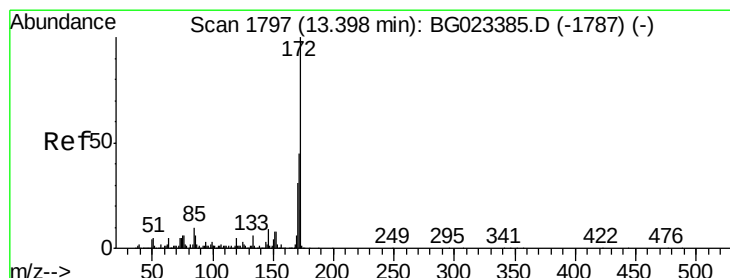
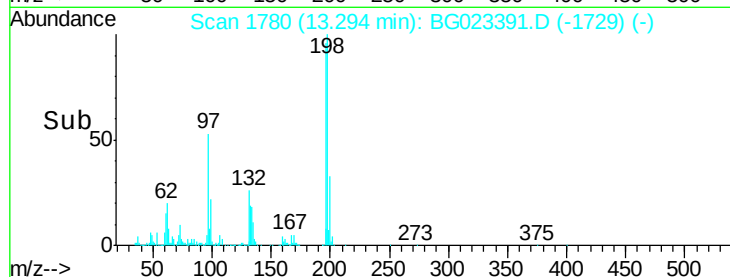
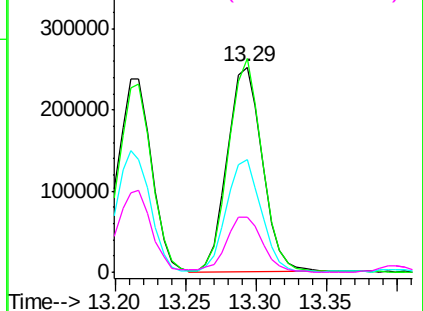
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 436302 |       |       |
| 198     | 104.2 | 85.7   | 128.5 |       |
| 97      | 55.2  | 45.5   | 68.3  |       |
| 132     | 27.0  | 18.9   | 28.3  |       |

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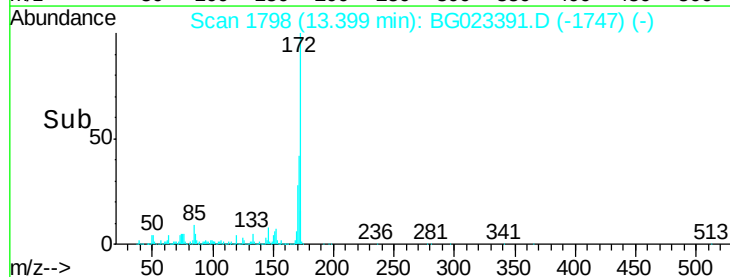
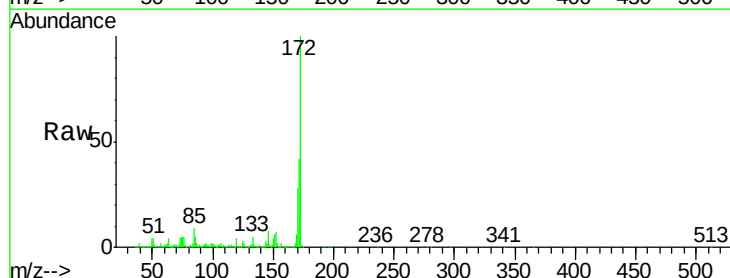
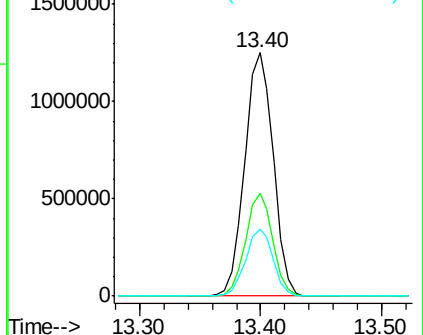
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGO  
 Ion 132.00 (131.70 to 132.70): E

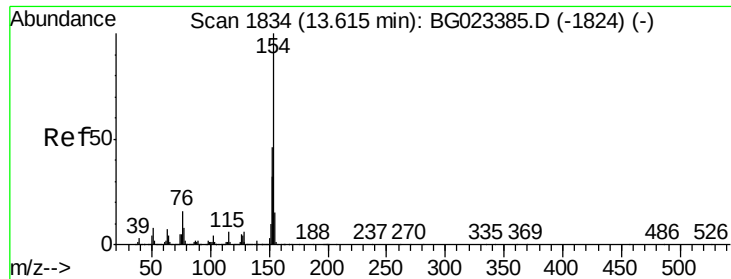


#44  
 2-Fluorobiphenyl  
 Concen: 81.39 ng  
 RT: 13.40 min Scan# 1798  
 Delta R.T. 0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 2056701 |       |       |
| 171     | 42.3  | 31.6    | 47.4  |       |
| 170     | 27.6  | 21.3    | 31.9  |       |

Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





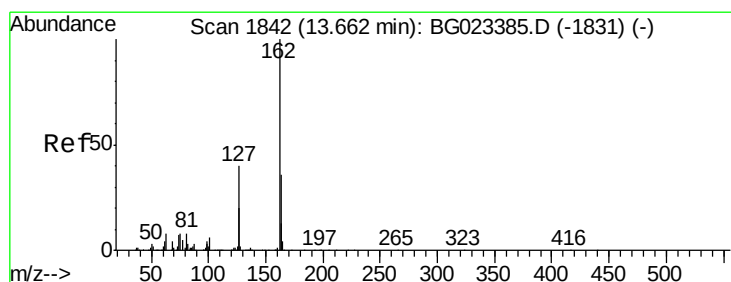
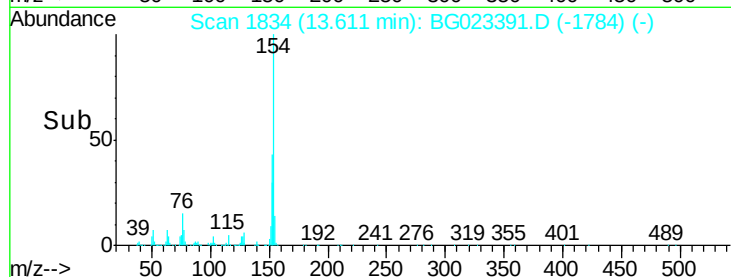
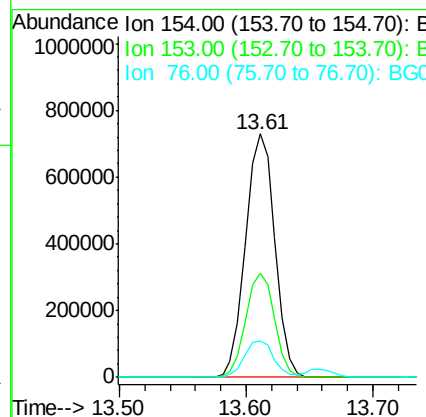
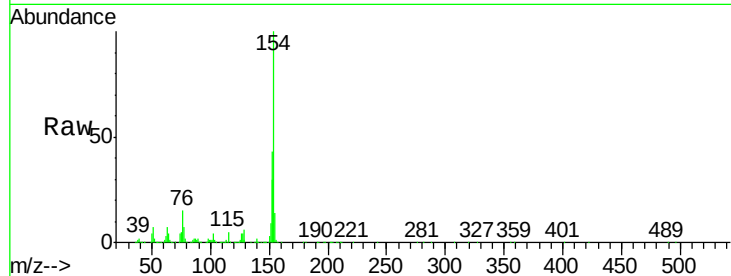
#45  
1,1'-Biphenyl  
Concen: 35.83 ng  
RT: 13.61 min Scan# 1834  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.0  | 20.2  | 60.2  |
| 76      | 15.1  | 0.0   | 32.9  |

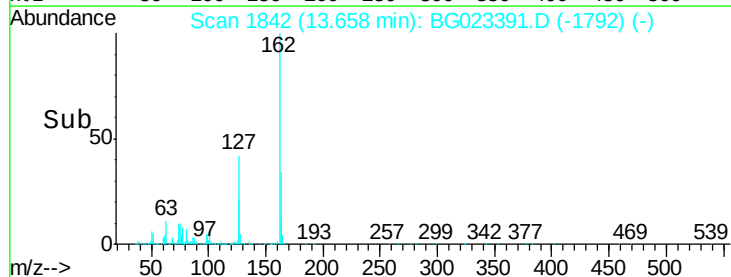
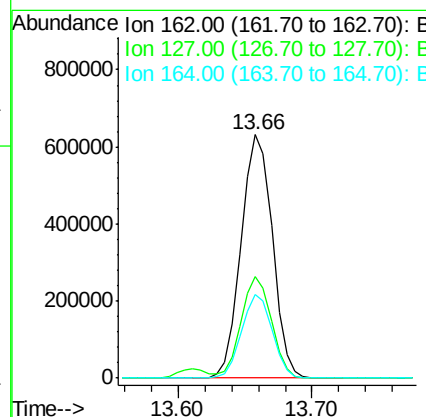
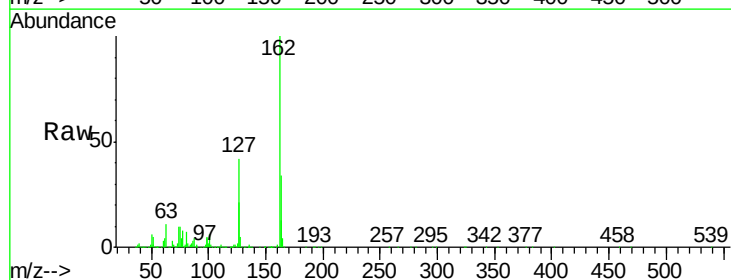
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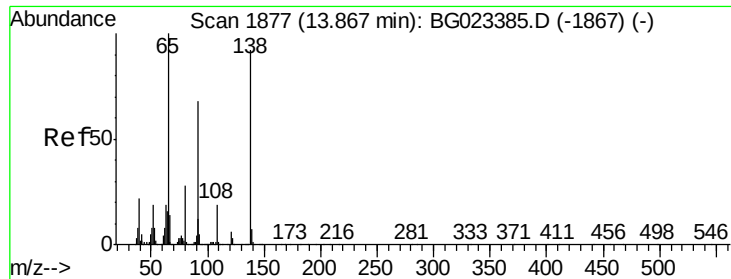
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#46  
2-Chloronaphthalene  
Concen: 40.64 ng  
RT: 13.66 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.6  | 32.4  | 48.6  |
| 164     | 34.3  | 25.2  | 37.8  |





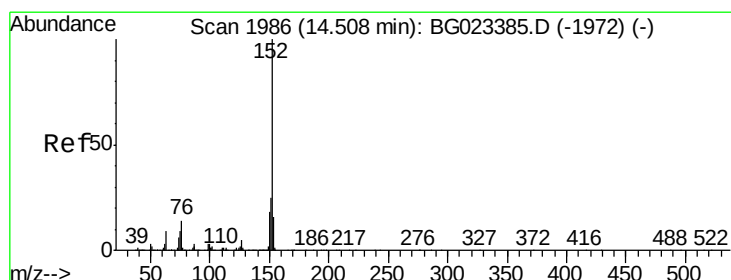
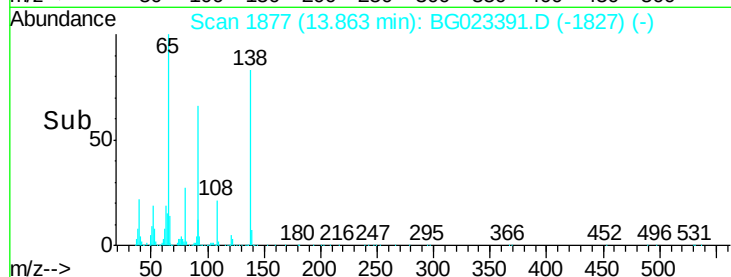
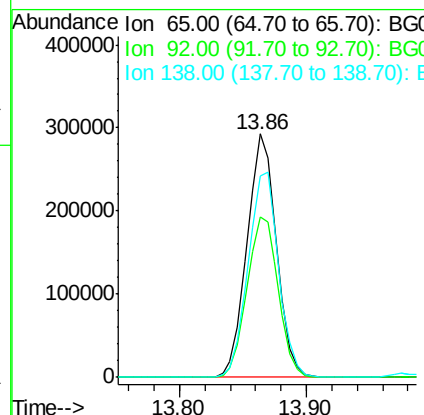
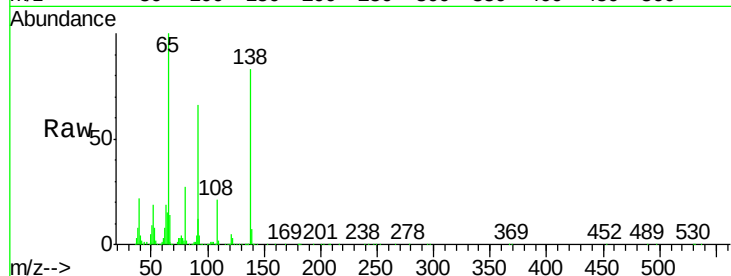
#47  
2-Nitroaniline  
Concen: 45.20 ng  
RT: 13.86 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.7  | 49.4  | 74.0  |
| 138     | 82.7  | 58.0  | 87.0  |

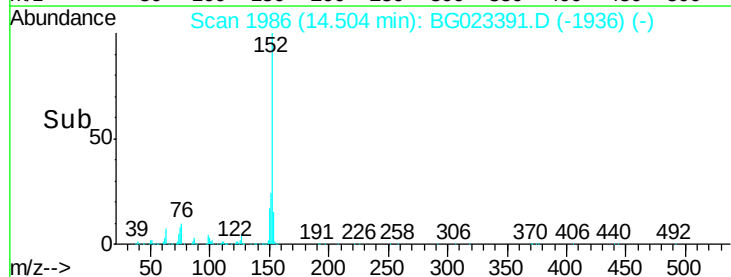
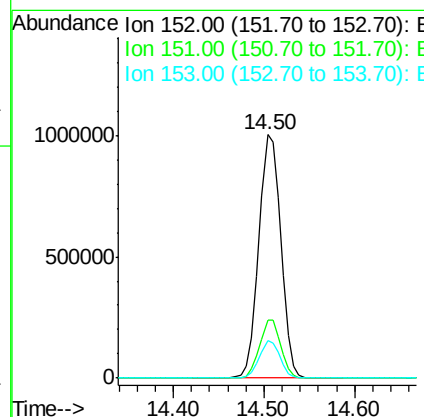
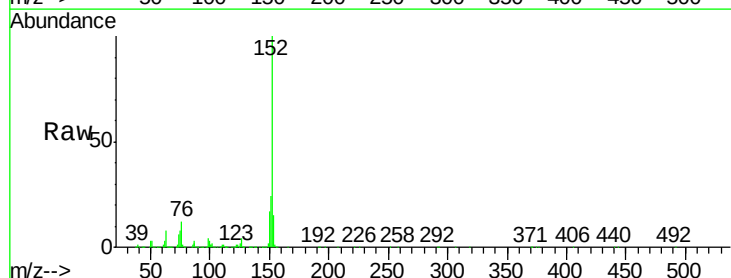
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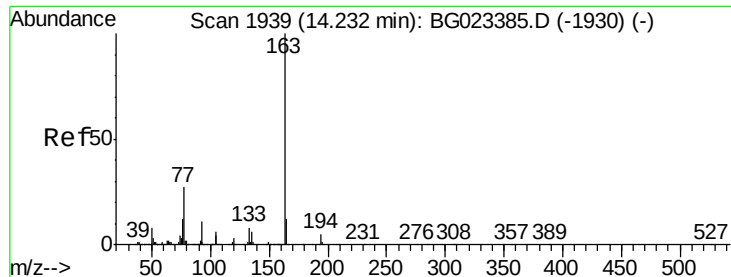
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#48  
Acenaphthylene  
Concen: 42.47 ng  
RT: 14.50 min Scan# 1986  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 23.9  | 17.6  | 26.4  |
| 153     | 15.2  | 11.4  | 17.2  |





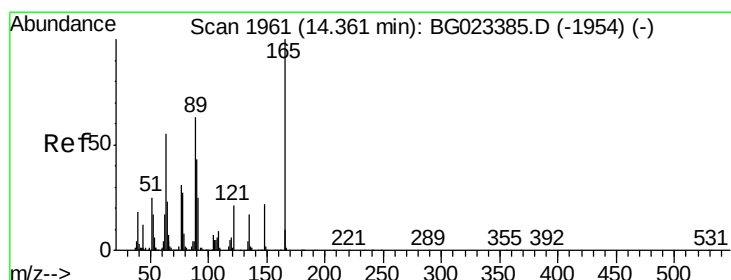
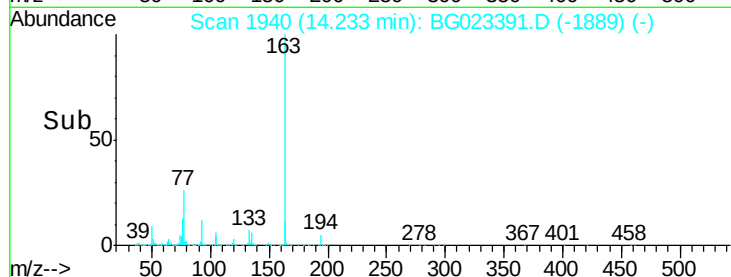
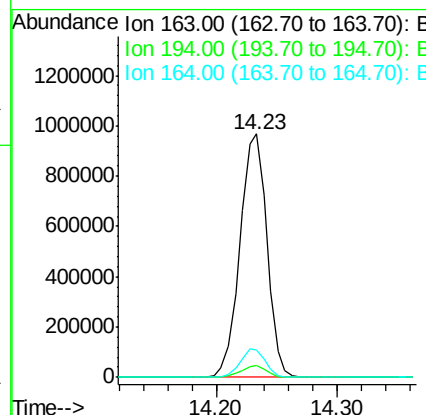
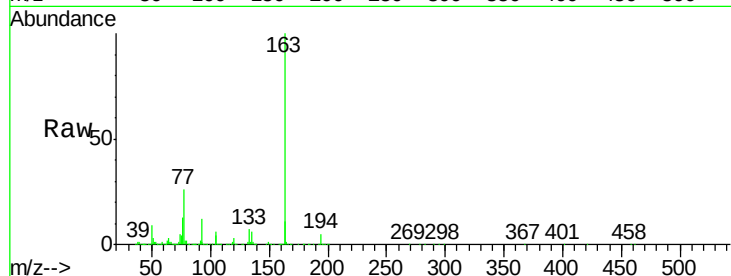
#49  
Dimethylphthalate  
Concen: 45.97 ng  
RT: 14.23 min Scan# 1940  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 163     | 100  |       |       |       |
| 194     | 4.7  | 3.6   | 5.4   |       |
| 164     | 11.0 | 8.1   | 12.1  |       |

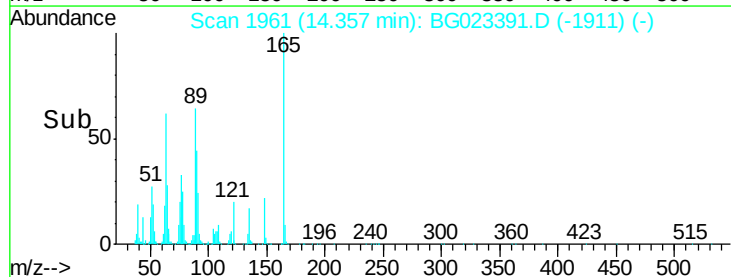
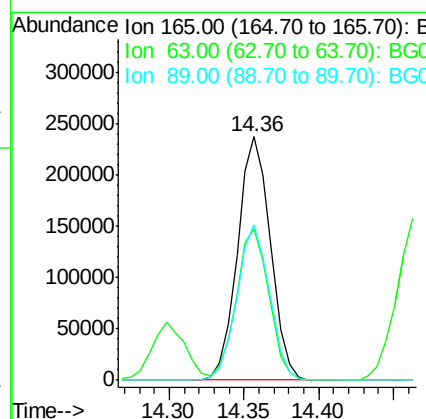
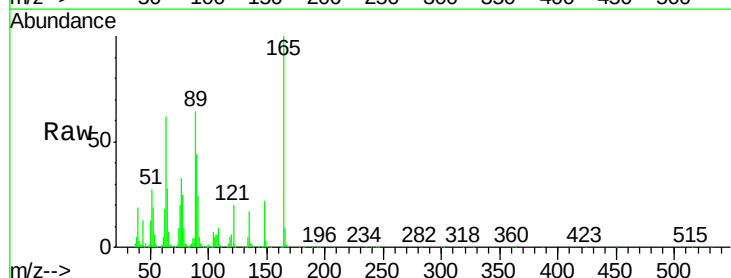
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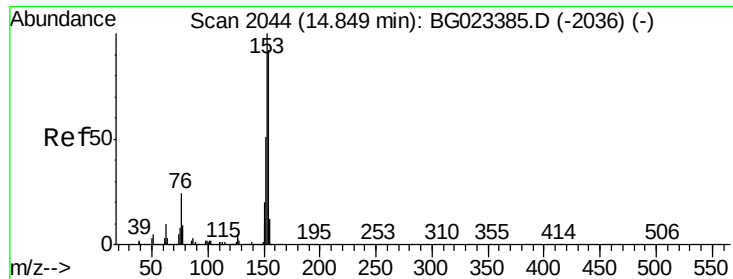
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#50  
2,6-Dinitrotoluene  
Concen: 46.82 ng  
RT: 14.36 min Scan# 1961  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 165     | 100  |       |       |       |
| 63      | 62.5 | 64.3  | 96.5# |       |
| 89      | 63.9 | 64.3  | 96.5# |       |





#51

Acenaphthene

Concen: 43.10 ng

RT: 14.85 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Instrument :

BNA\_G

ClientSampleId :

PB92598BS

Tot Ion:154 Resp: 1087911

Ion Ratio Lower Upper

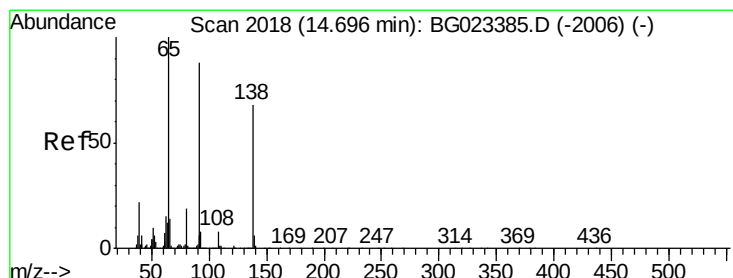
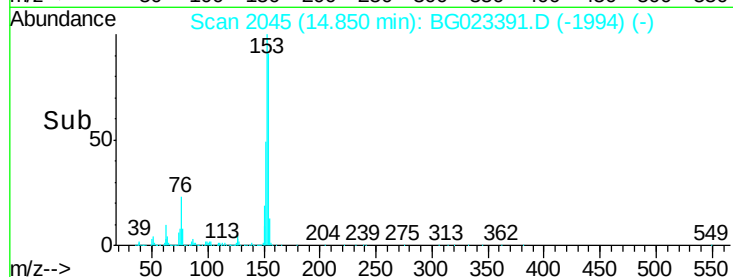
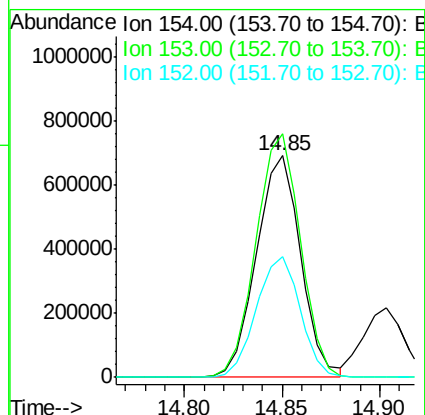
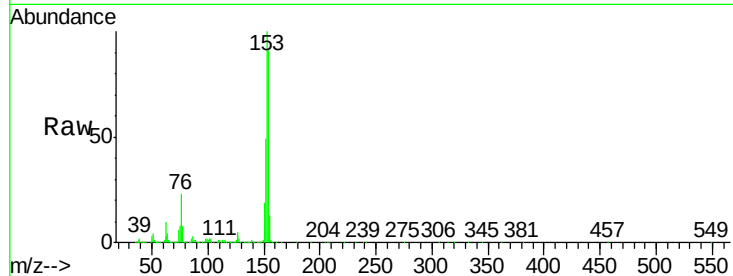
154 100

153 109.9 87.5 131.3

152 54.3 42.7 64.1

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#52

3-Nitroaniline

Concen: 26.57 ng

RT: 14.69 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

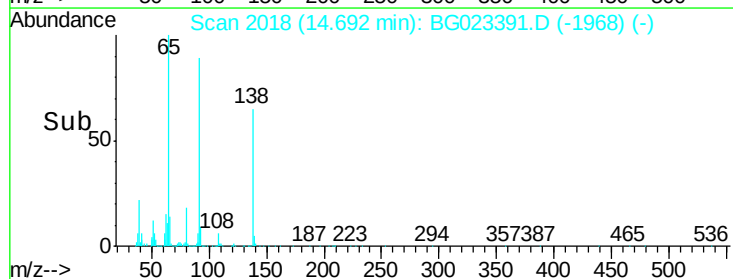
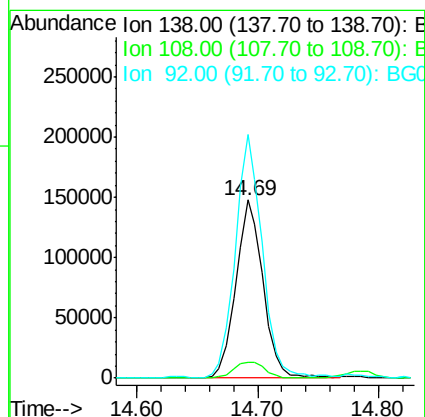
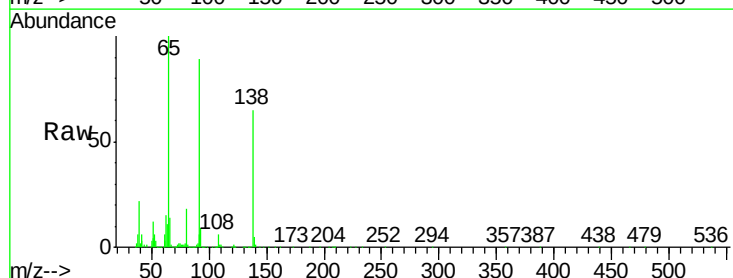
Tgt Ion:138 Resp: 232003

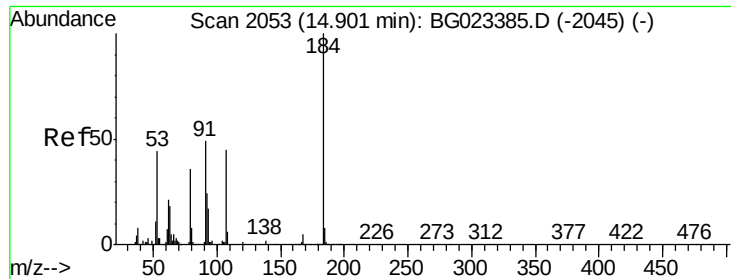
Ion Ratio Lower Upper

138 100

108 9.1 11.7 17.5#

92 136.7 129.7 194.5





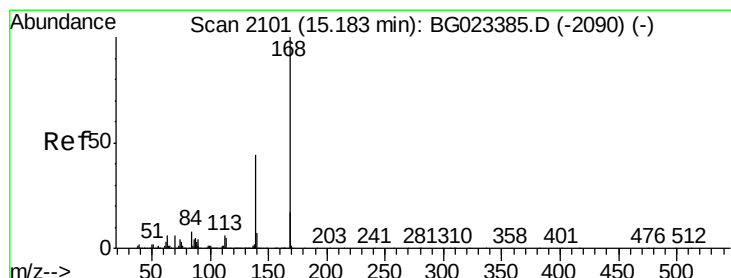
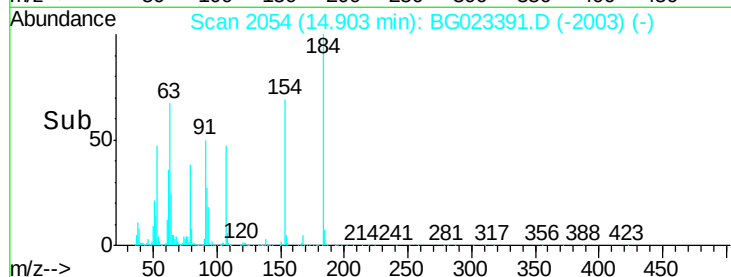
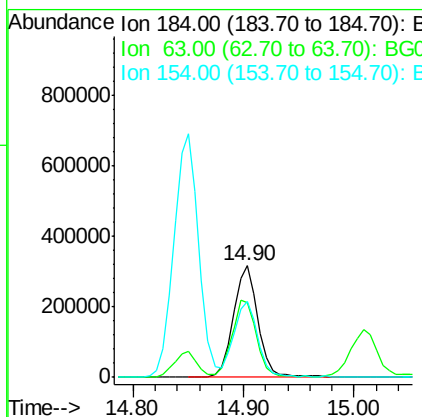
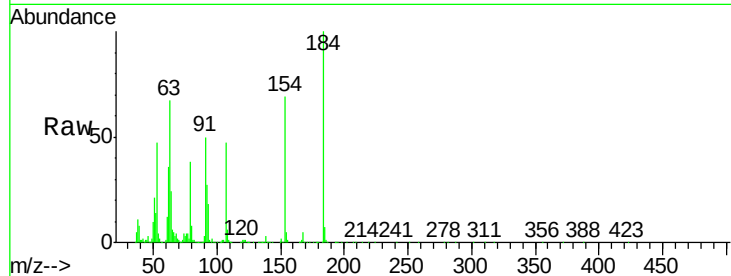
#53  
2,4-Dinitrophenol  
Concen: 99.45 ng  
RT: 14.90 min Scan# 2054  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 67.3  | 59.6  | 89.4  |
| 154     | 68.8  | 67.4  | 101.0 |

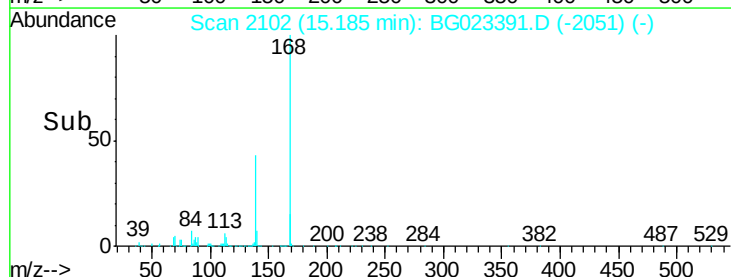
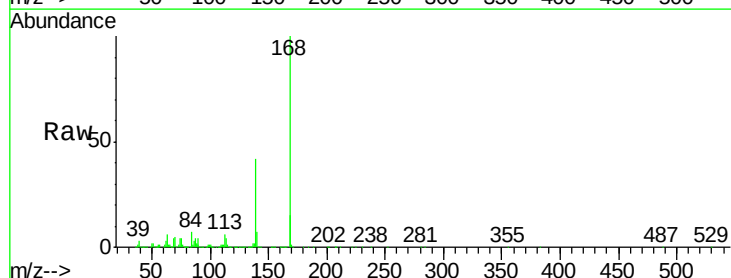
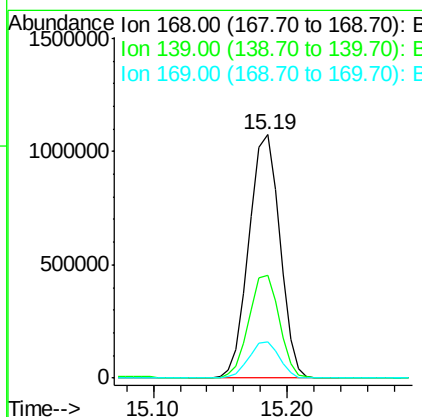
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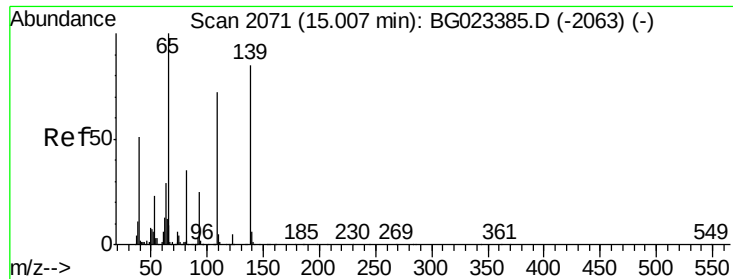
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#54  
Dibenzofuran  
Concen: 46.89 ng  
RT: 15.19 min Scan# 2102  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 42.4  | 36.4  | 54.6  |
| 169     | 15.0  | 11.9  | 17.9  |





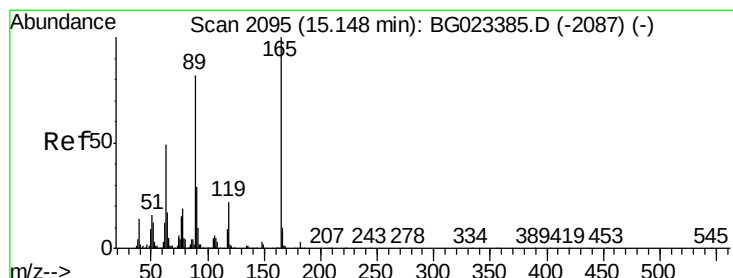
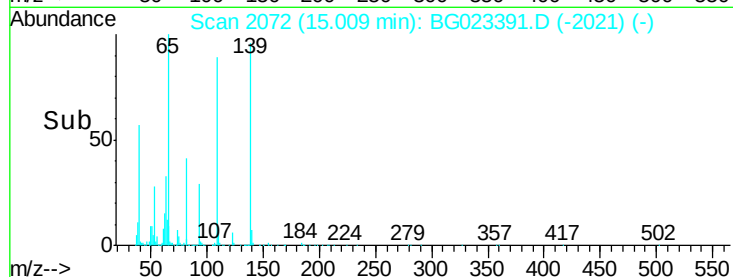
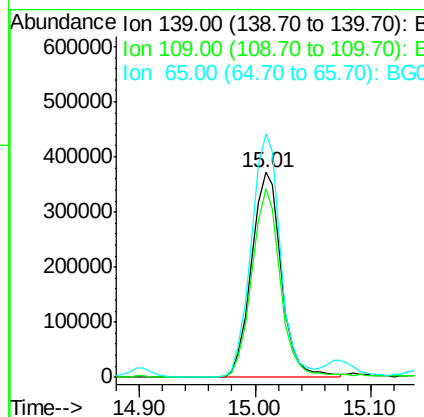
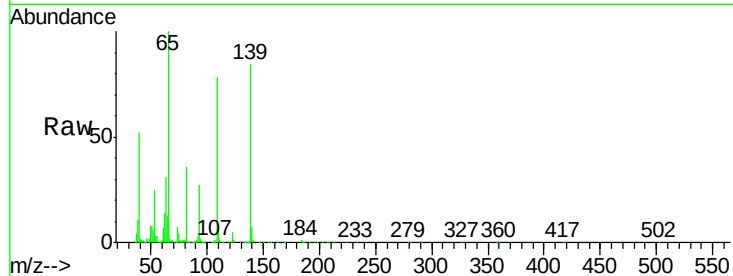
#55  
4-Nitrophenol  
Concen: 98.11 ng  
RT: 15.01 min Scan# 2072  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 92.2  | 103.0 | 143.0# |
| 65      | 118.9 | 112.7 | 152.7  |

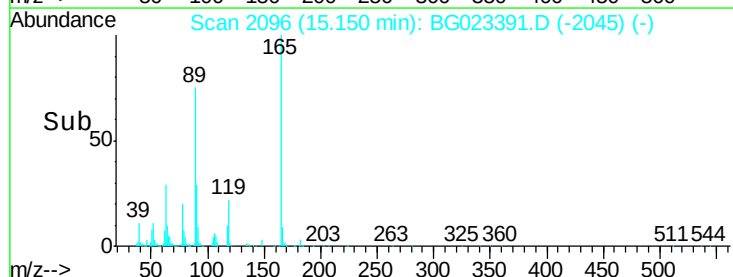
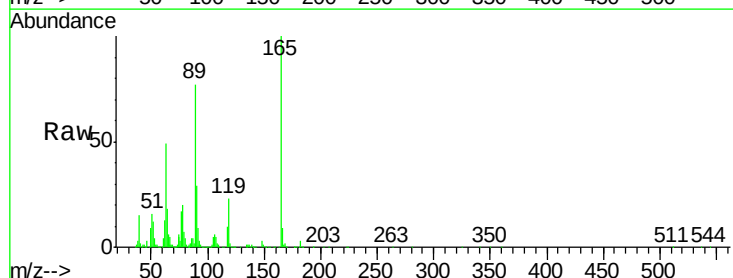
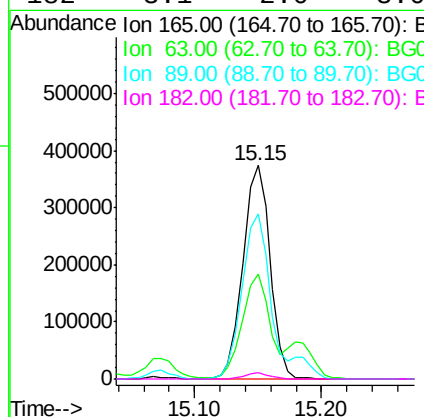
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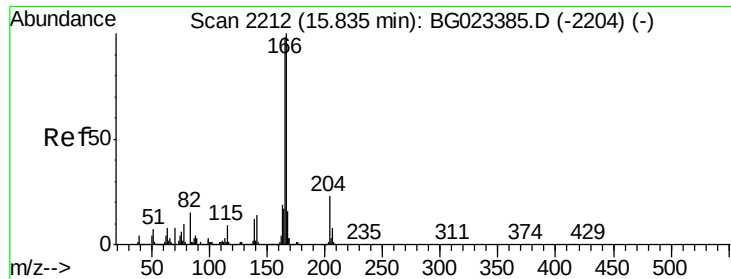


#56  
2,4-Dinitrotoluene  
Concen: 51.20 ng  
RT: 15.15 min Scan# 2096  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 49.0  | 45.8  | 68.6  |
| 89      | 77.1  | 68.6  | 102.8 |
| 182     | 3.1   | 2.0   | 3.0#  |







#57

Fluorene

Concen: 45.87 ng

RT: 15.84 min Scan# 2213

Delta R.T. 0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Instrument :

BNA\_G

ClientSampleId :

PB92598BS

Tot Ion:166 Resp: 1466788

Ion Ratio Lower Upper

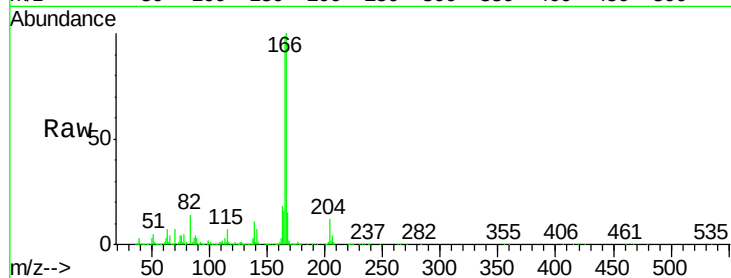
166 100

165 98.6 81.0 121.6

167 15.2 12.0 18.0

Manual Integrations  
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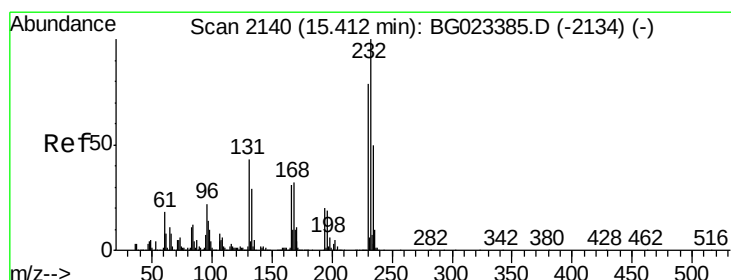
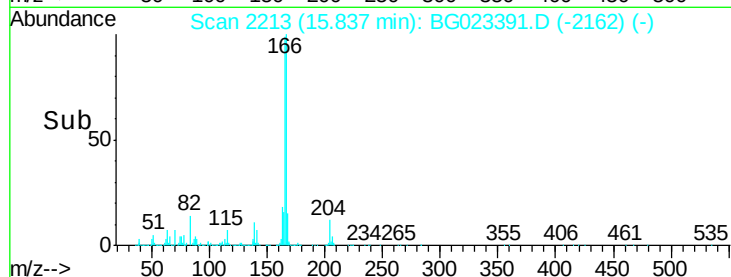
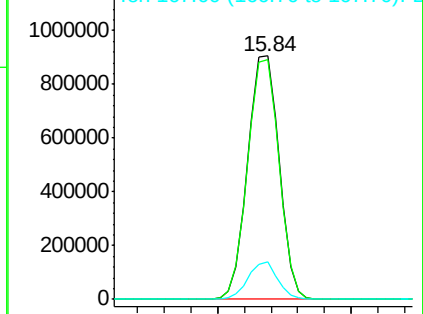


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.71 ng

RT: 15.41 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Tgt Ion:232 Resp: 458476

Ion Ratio Lower Upper

232 100

131 45.6 32.7 49.1

130 2.8 2.6 3.8

166 32.5 23.0 34.6

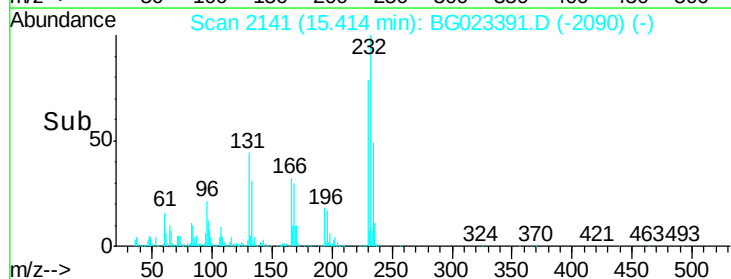
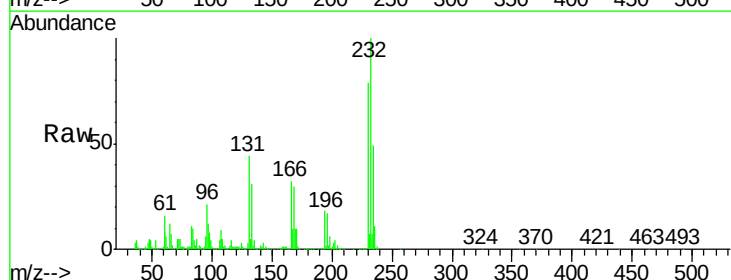
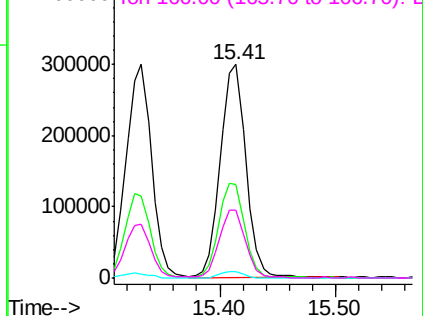
Abundance

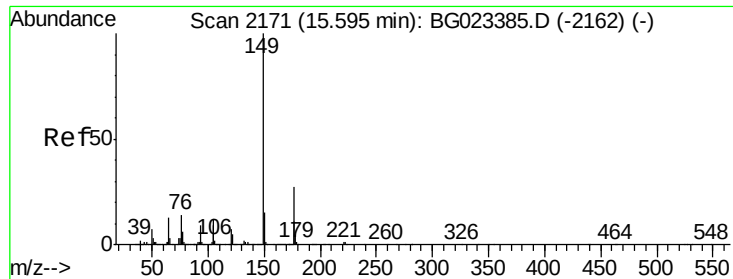
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.48 ng

RT: 15.59 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Instrument :

BNA\_G

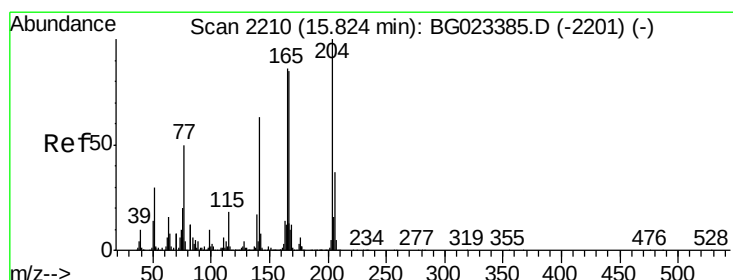
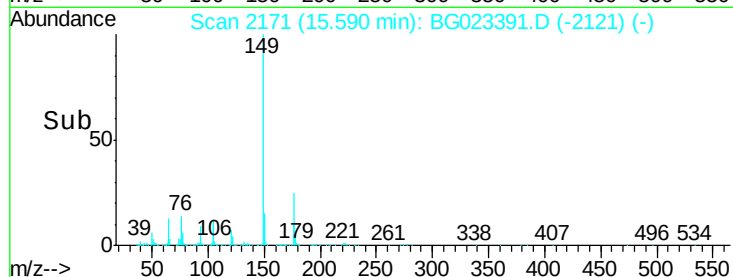
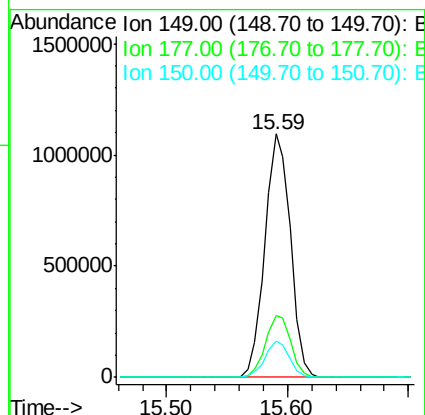
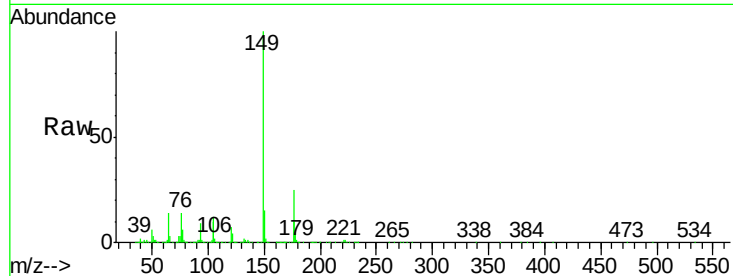
ClientSampled :

PB92598BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 1609350 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 25.4  | 19.2  | 28.8    |
| 150      | 14.8  | 10.6  | 16.0    |

Manual Integrations  
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#60

4-Chlorophenyl-phenylether

Concen: 44.76 ng

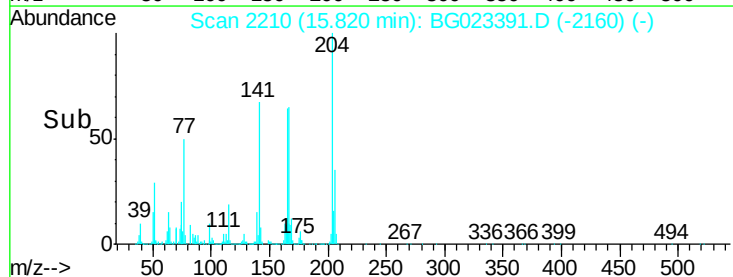
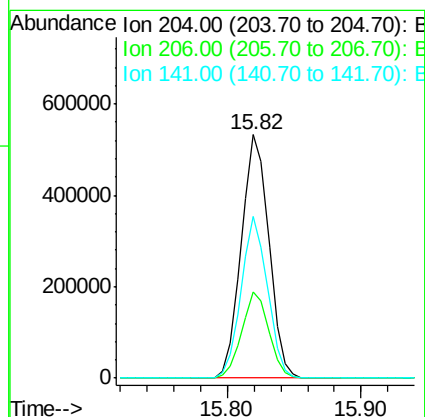
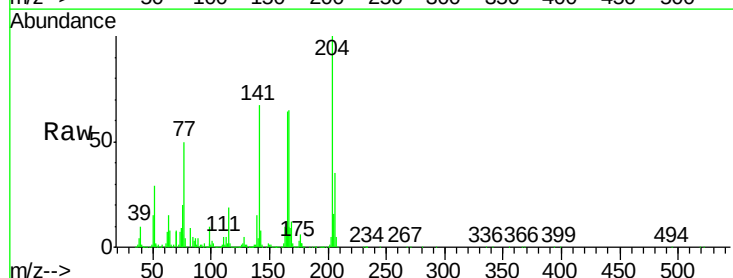
RT: 15.82 min Scan# 2210

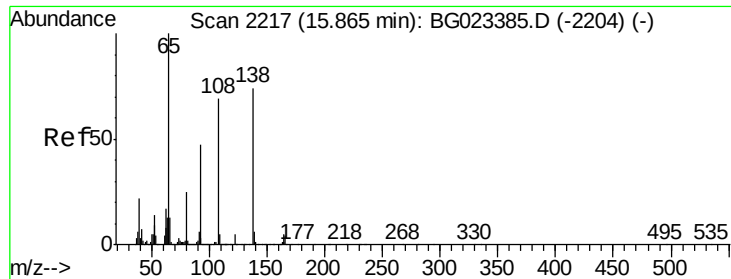
Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 204   | Resp: | 757511 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 35.2  | 28.5  | 42.7   |
| 141      | 66.7  | 51.4  | 77.0   |





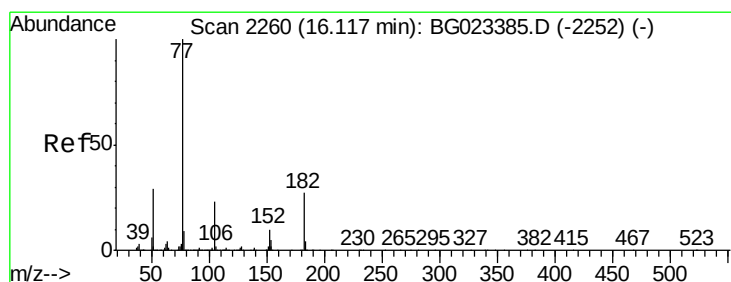
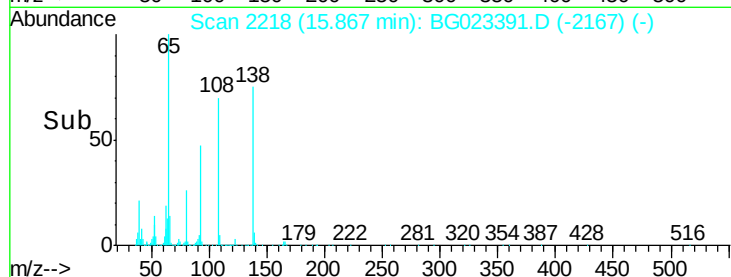
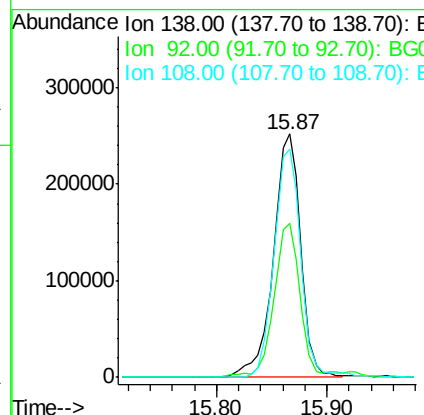
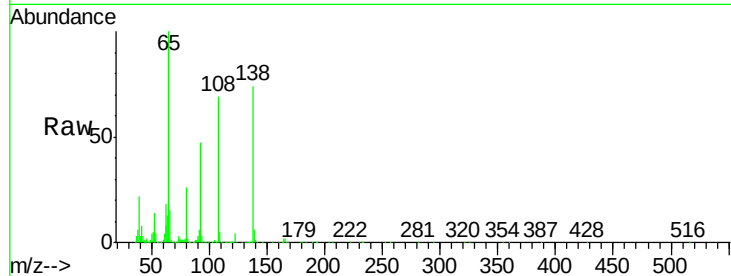
#61  
4-Nitroaniline  
Concen: 46.79 ng  
RT: 15.87 min Scan# 2218  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 92      | 63.5  | 54.1  | 94.1   |
| 108     | 93.7  | 133.9 | 173.9# |

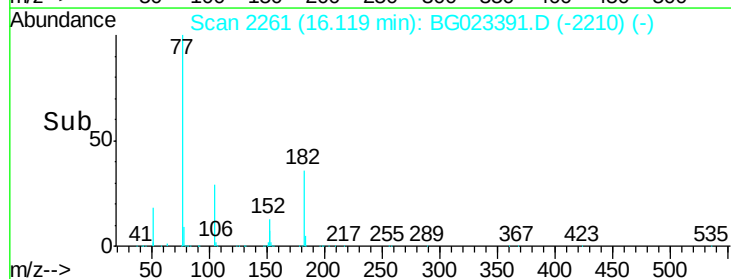
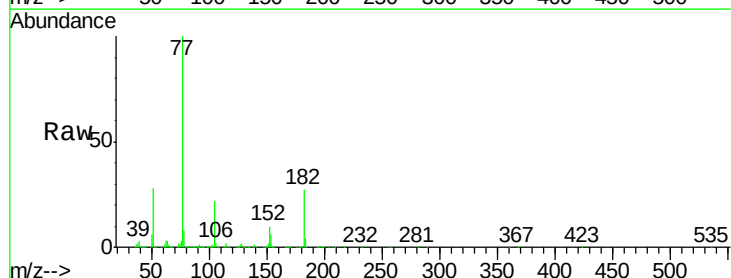
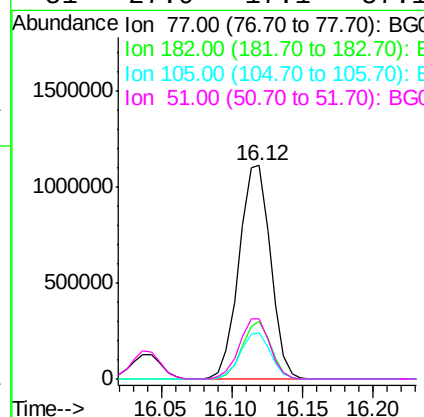
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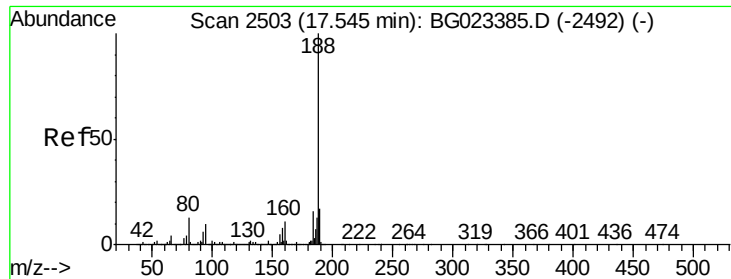
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#62  
Azobenzene  
Concen: 51.55 ng  
RT: 16.12 min Scan# 2261  
Delta R.T. 0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.1  | 3.5   | 43.5  |
| 105     | 21.9  | 0.0   | 38.5  |
| 51      | 27.9  | 17.1  | 57.1  |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Instrument :

BNA\_G

ClientSampled :

PB92598BS

Tot Ion:188 Resp: 1200698

Ion Ratio Lower Upper

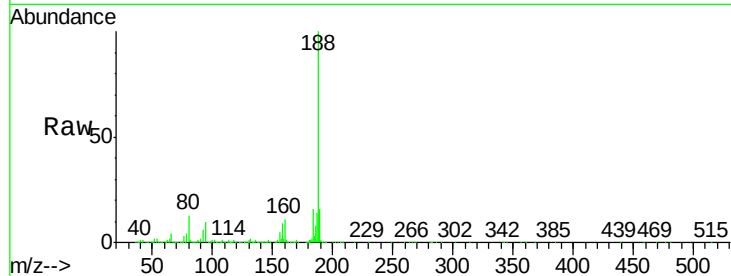
188 100

94 9.7 5.2 7.8#

80 12.8 7.2 10.8#

Manual Integrations  
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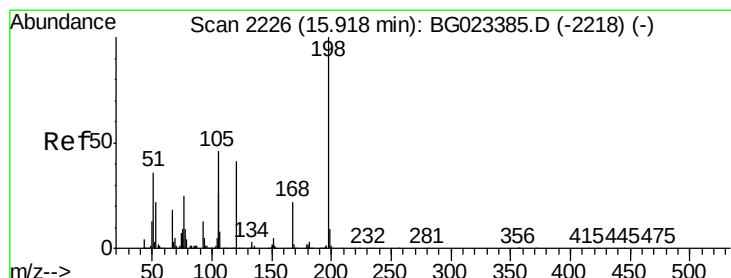
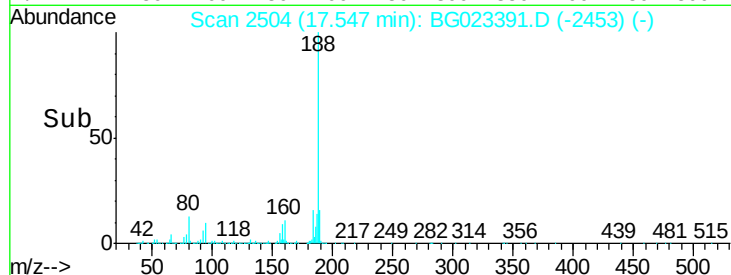
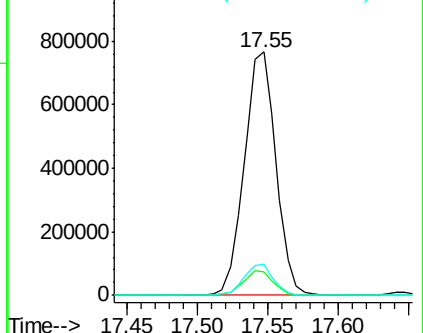
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 45.05 ng

RT: 15.91 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

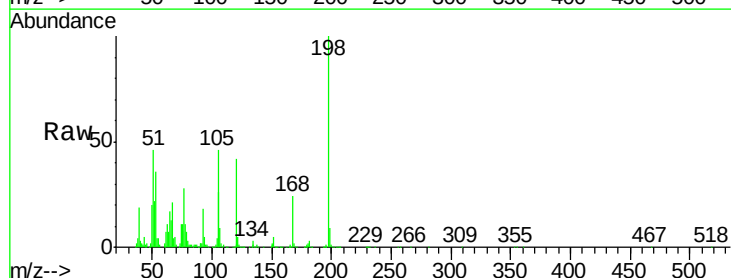
Tgt Ion:198 Resp: 367804

Ion Ratio Lower Upper

198 100

51 46.3 26.0 66.0

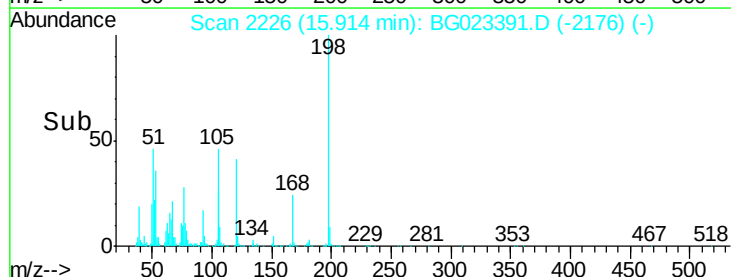
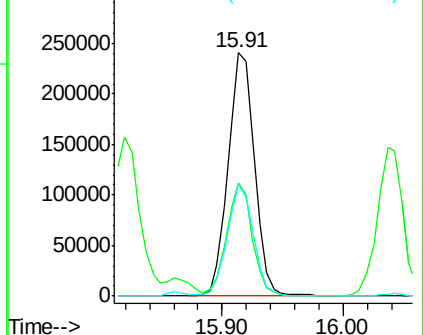
105 46.0 20.1 60.1

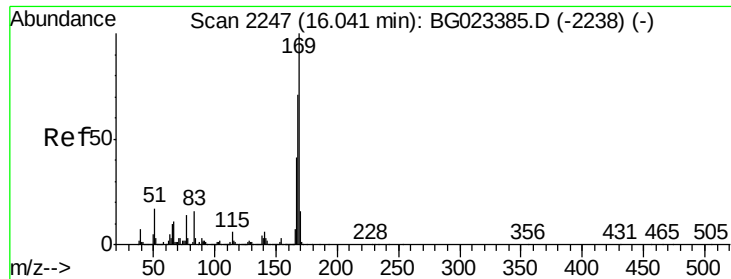


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





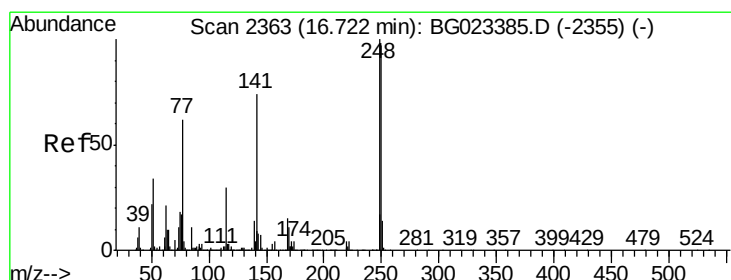
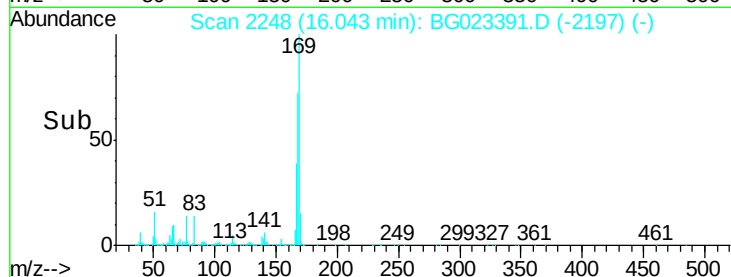
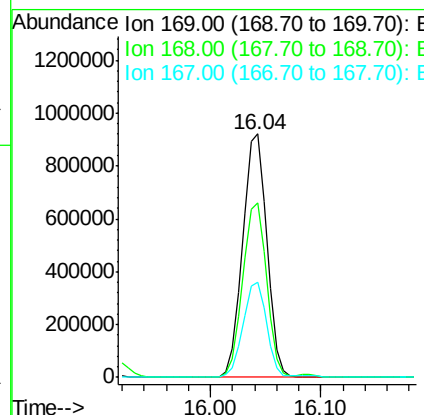
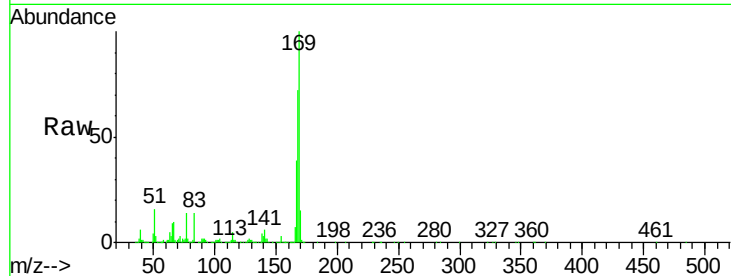
#65  
 n-Nitrosodiphenylamine  
 Concen: 40.40 ng  
 RT: 16.04 min Scan# 2248  
 Delta R.T. 0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92598BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 169     | 100  |       |       |       |
| 168     | 71.6 | 55.0  | 82.4  |       |
| 167     | 39.0 | 27.4  | 41.0  |       |

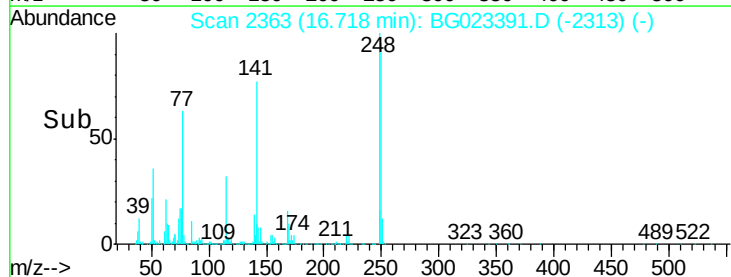
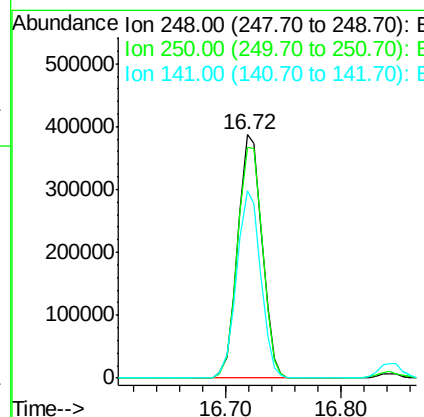
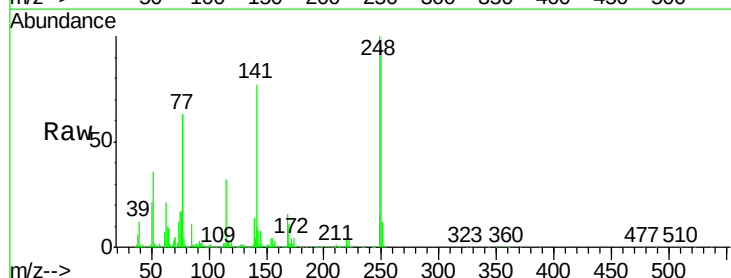
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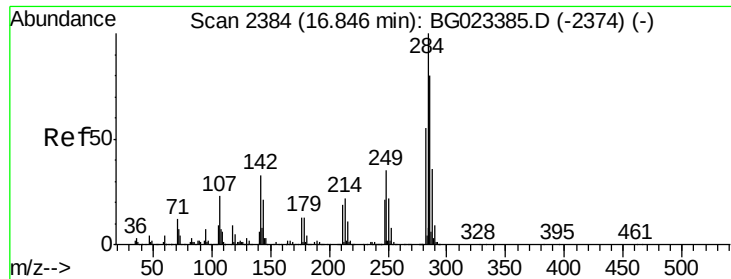
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 8/2/2016 5:10:52 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 40.35 ng  
 RT: 16.72 min Scan# 2363  
 Delta R.T. -0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 248     | 100  |       |       |       |
| 250     | 95.0 | 77.8  | 116.8 |       |
| 141     | 77.2 | 65.7  | 98.5  |       |





#67

Hexachlorobenzene

Concen: 39.95 ng

RT: 16.84 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Instrument :

BNA\_G

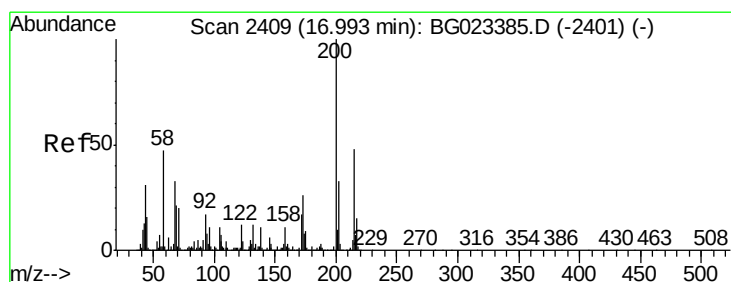
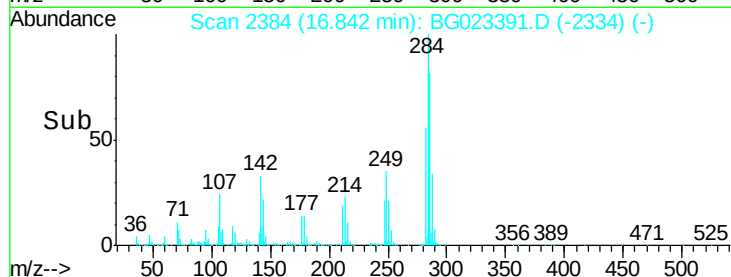
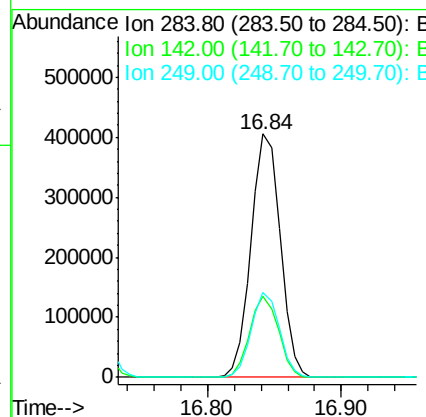
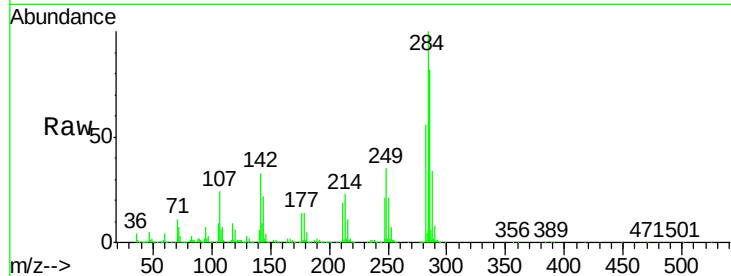
ClientSampleId :

PB92598BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 611584 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 33.0 | 26.8  | 40.2   |
| 249       | 34.6 | 28.9  | 43.3   |

Manual Integrations  
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#68

Atrazine

Concen: 47.06 ng

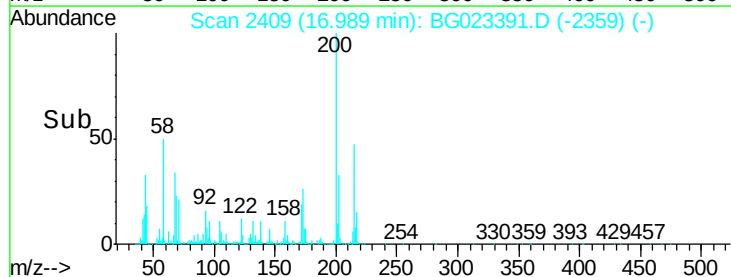
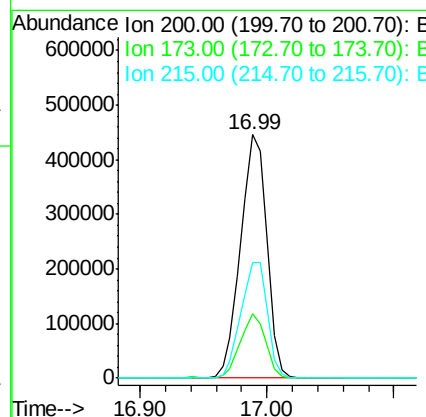
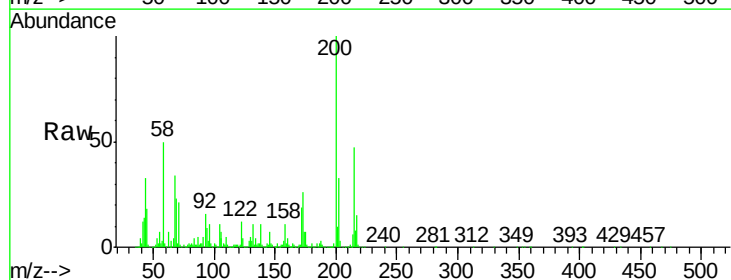
RT: 16.99 min Scan# 2409

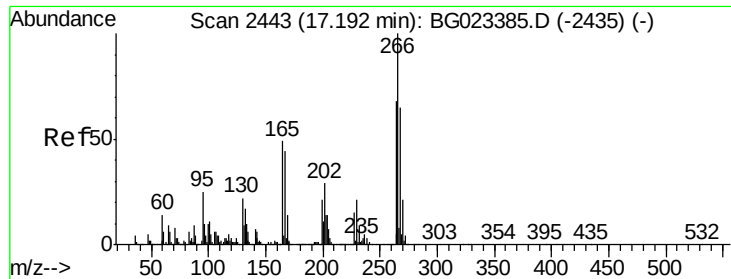
Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 636449 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 26.5 | 1.6   | 41.6   |
| 215       | 47.3 | 28.7  | 68.7   |





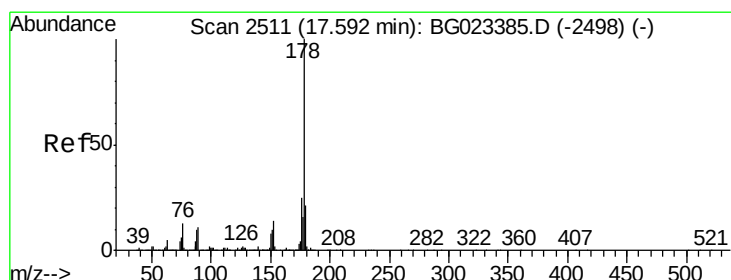
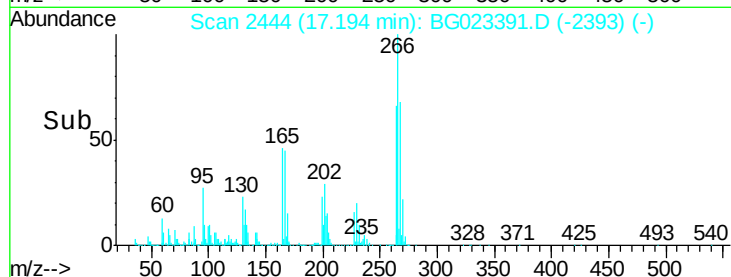
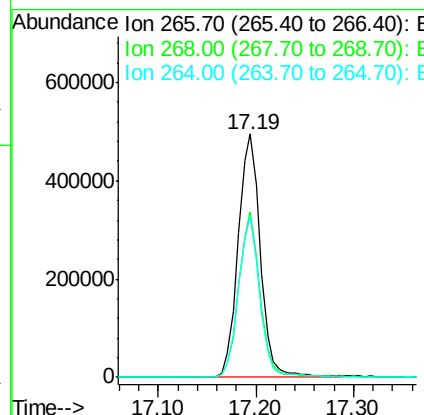
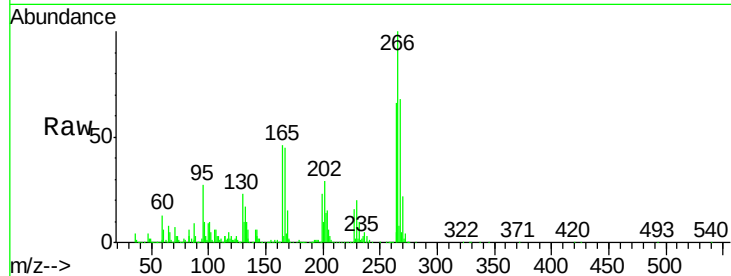
#69  
 Pentachlorophenol  
 Concen: 87.63 ng  
 RT: 17.19 min Scan# 2444  
 Delta R.T. 0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 67.8  | 51.9  | 77.9  |
| 264     | 66.3  | 50.6  | 75.8  |

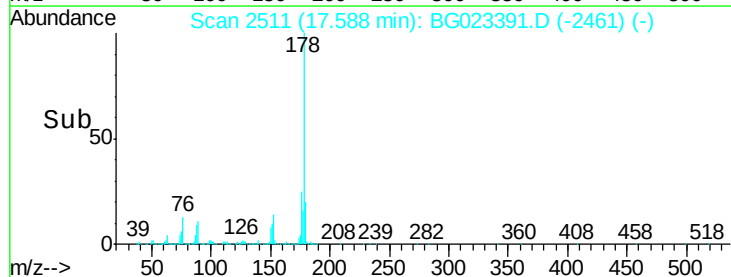
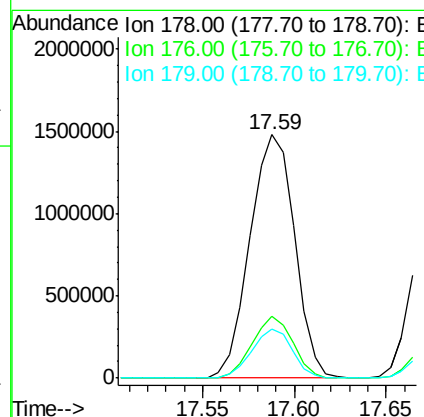
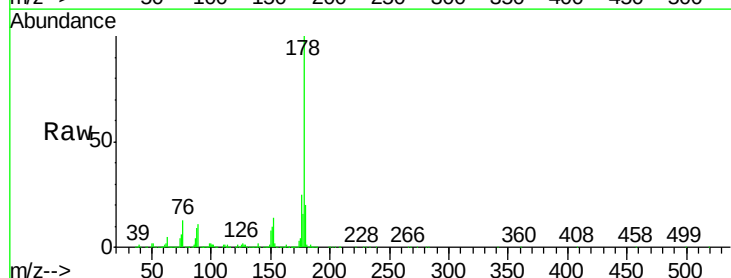
Manual Integrations  
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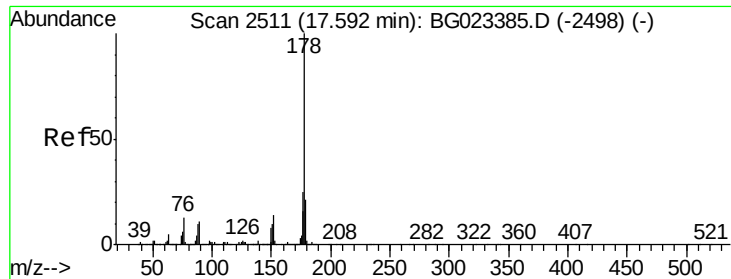
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#70  
 Phenanthrene  
 Concen: 41.14 ng m  
 RT: 17.59 min Scan# 2511  
 Delta R.T. -0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 25.5  | 16.8  | 25.2# |
| 179     | 20.1  | 14.3  | 21.5  |





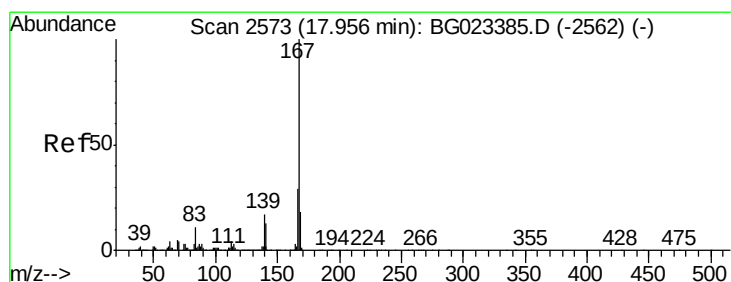
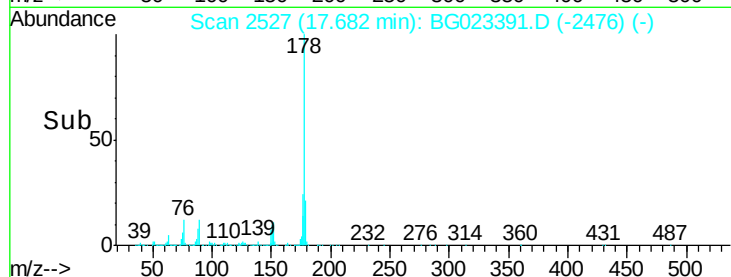
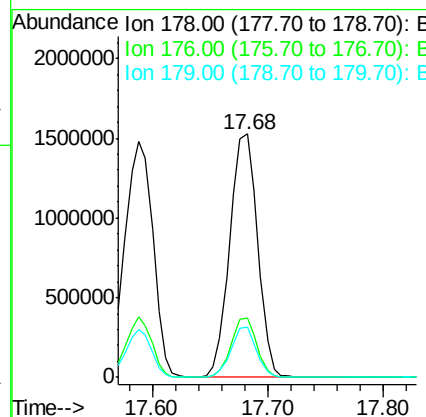
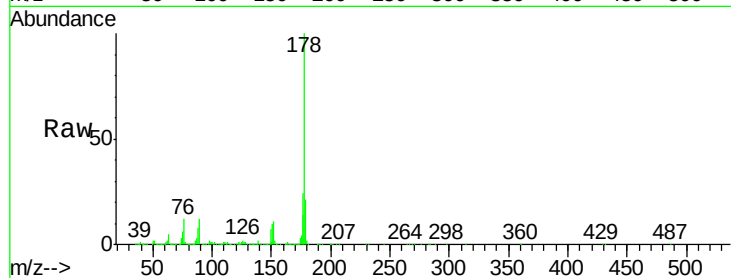
#71  
 Anthracene  
 Concen: 41.57 ng  
 RT: 17.68 min Scan# 2527  
 Delta R.T. 0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 24.4  | 17.3  | 25.9  |
| 179     | 20.8  | 14.0  | 21.0  |

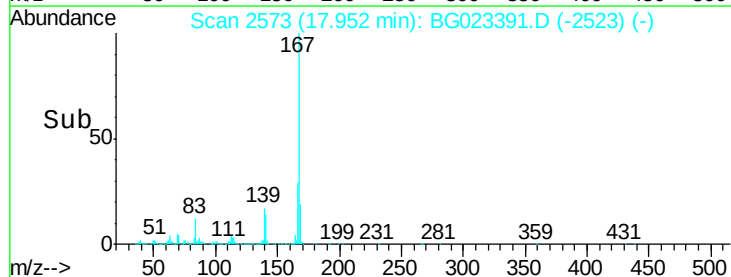
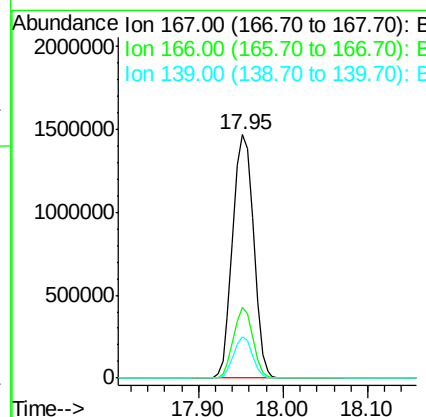
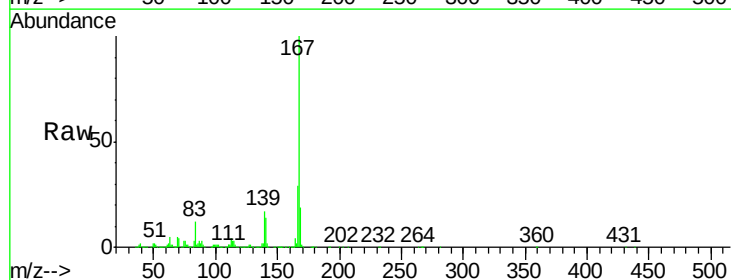
Manual Integrations  
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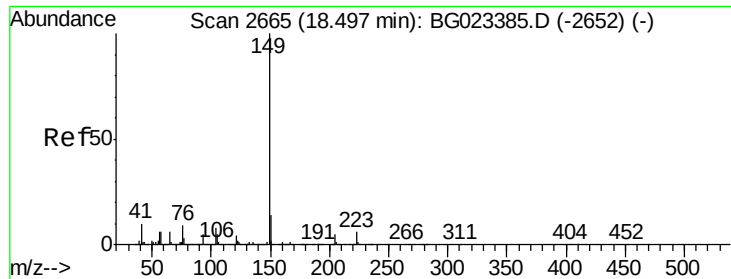


#72  
 Carbazole  
 Concen: 46.61 ng  
 RT: 17.95 min Scan# 2573  
 Delta R.T. -0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 29.2  | 20.7  | 31.1  |
| 139     | 17.1  | 11.9  | 17.9  |







#73

Di-n-butylphthalate

Concen: 52.11 ng

RT: 18.49 min Scan# 2665

Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Instrument :

BNA\_G

ClientSampleId :

PB92598BS

Tot Ion:149 Resp: 2777070

Ion Ratio Lower Upper

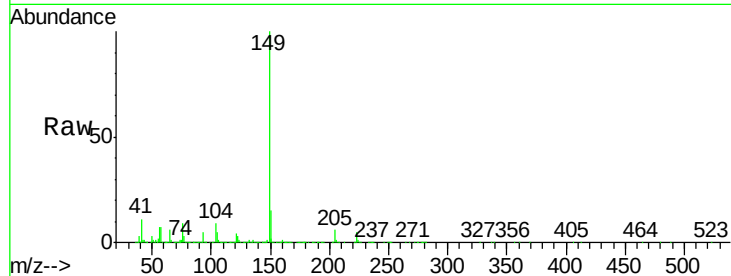
149 100

150 15.1 9.1 13.7#

104 9.1 6.9 10.3

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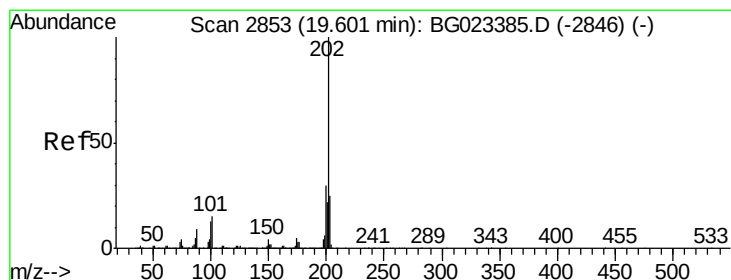
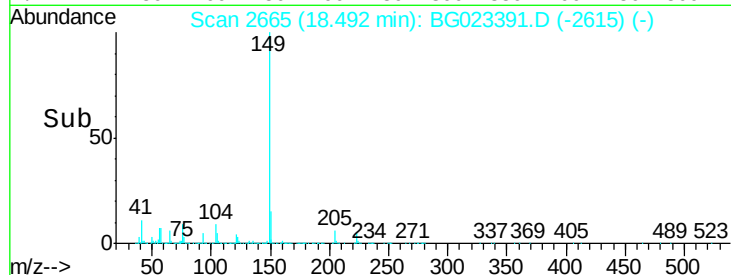
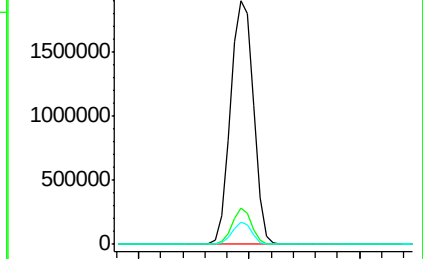
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 54.41 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

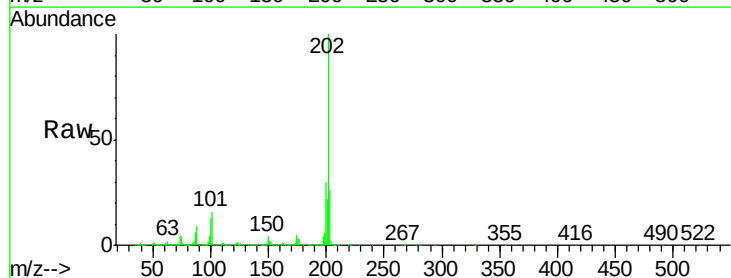
Tgt Ion:202 Resp: 3014256

Ion Ratio Lower Upper

202 100

101 16.1 0.0 27.4

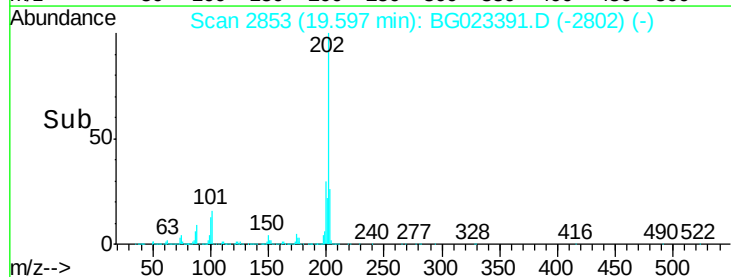
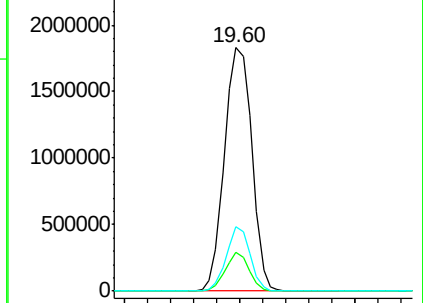
203 26.5 1.7 41.7

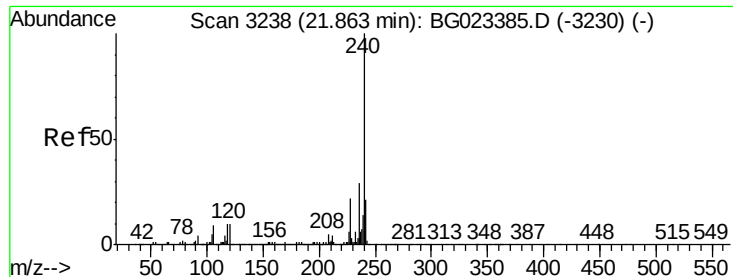


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Instrument :

BNA\_G

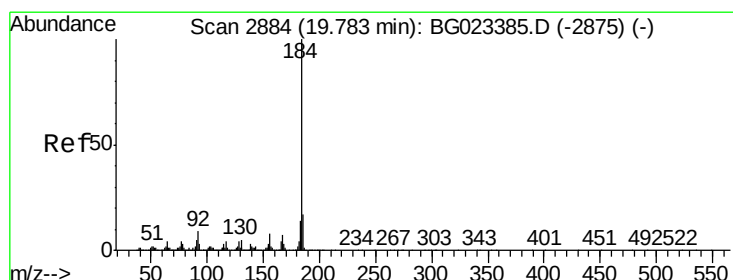
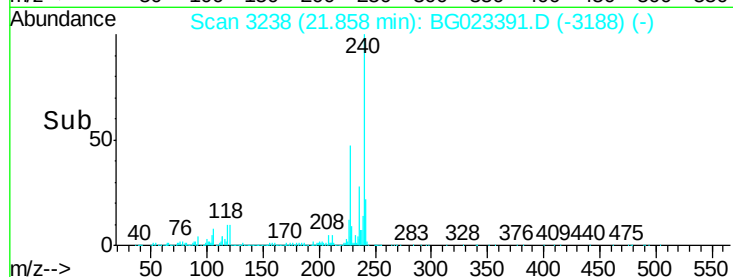
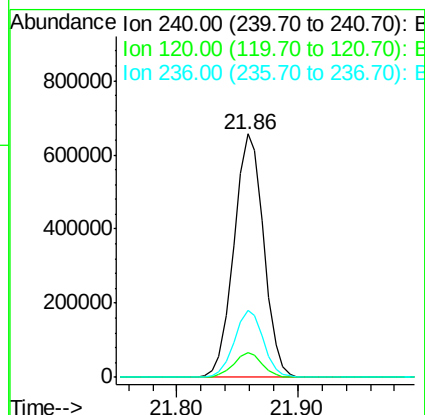
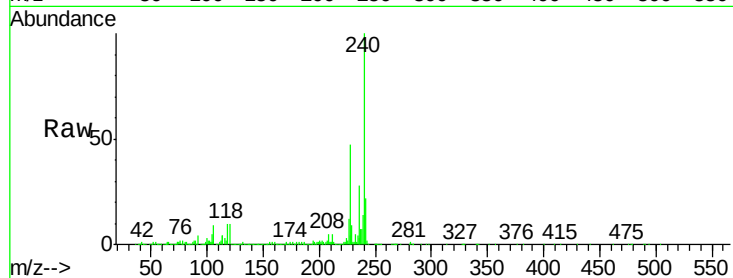
ClientSampleId :

PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.2  | 4.1   | 6.1#  |
| 236     | 27.7  | 21.1  | 31.7  |

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#76

Benzidine

Concen: 52.66 ng

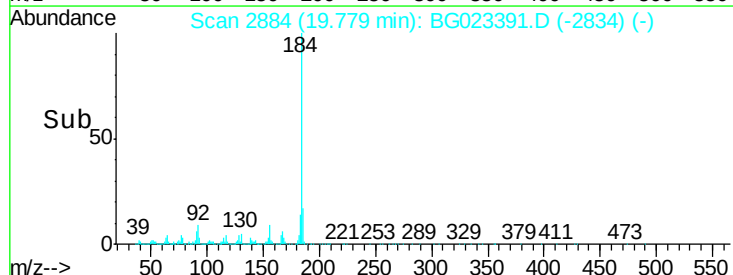
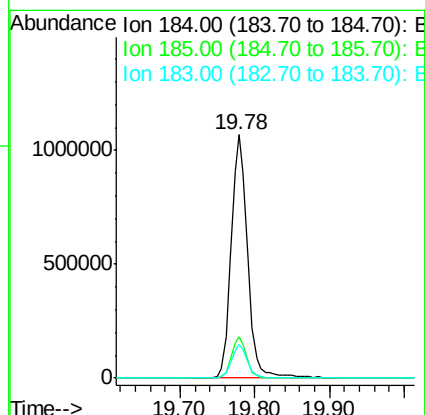
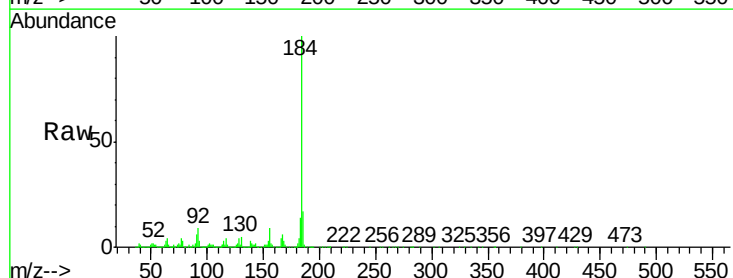
RT: 19.78 min Scan# 2884

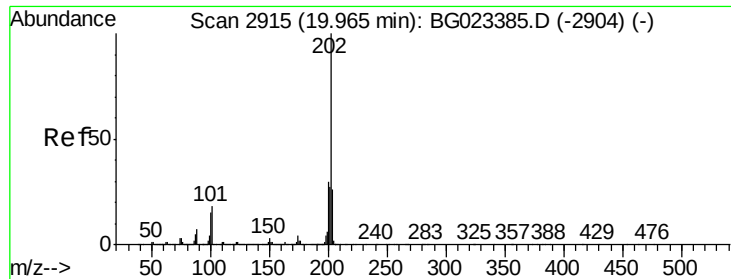
Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.9  | 12.6  | 19.0  |
| 183     | 14.0  | 10.7  | 16.1  |





#77

Pvrene

Concen: 48.87 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023391.D

Acq: 1 Aug 2016 21:18

Instrument :

BNA\_G

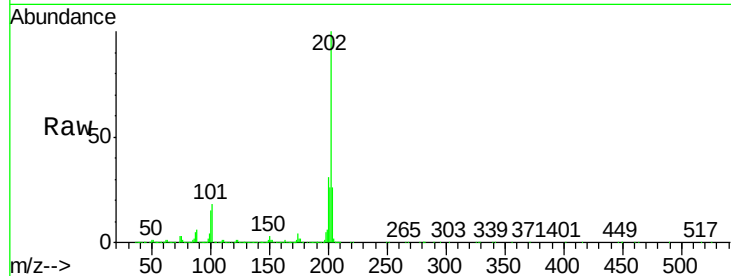
ClientSampleId :

PB92598BS

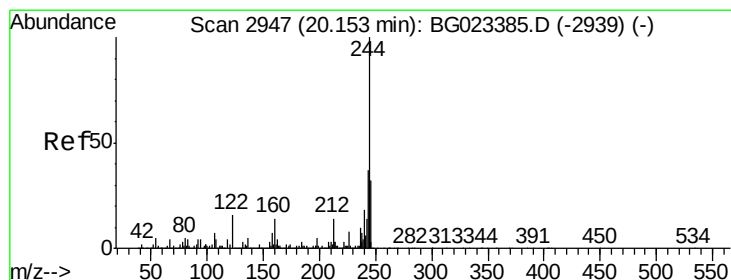
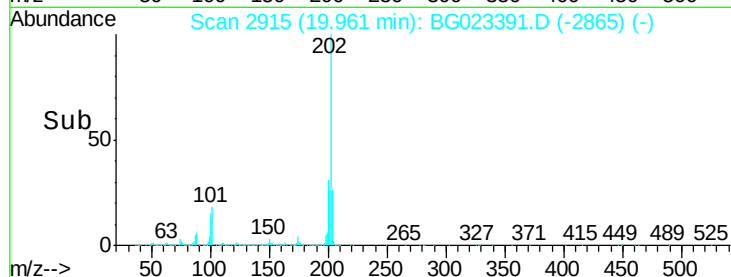
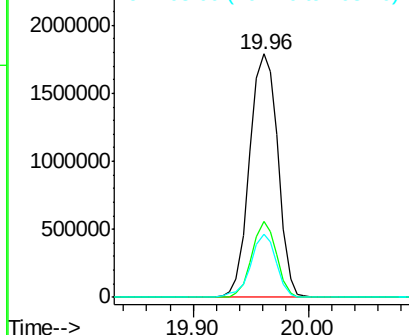
|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 3060237 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 31.3  | 21.2  | 31.8    |
| 203       | 25.7  | 16.8  | 25.2    |

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



#78

Terphenyl-d14

Concen: 97.29 ng

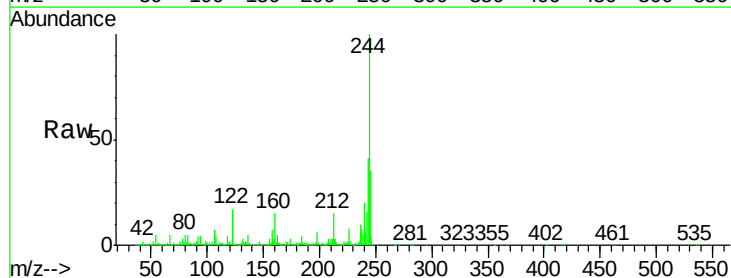
RT: 20.15 min Scan# 2948

Delta R.T. 0.00 min

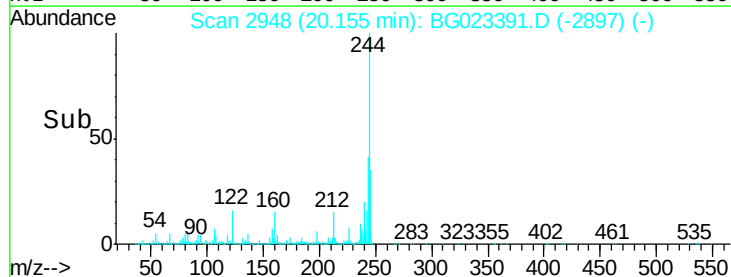
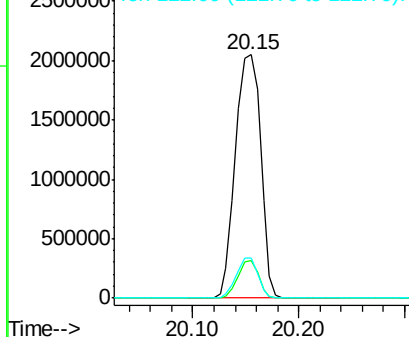
Lab File: BG023391.D

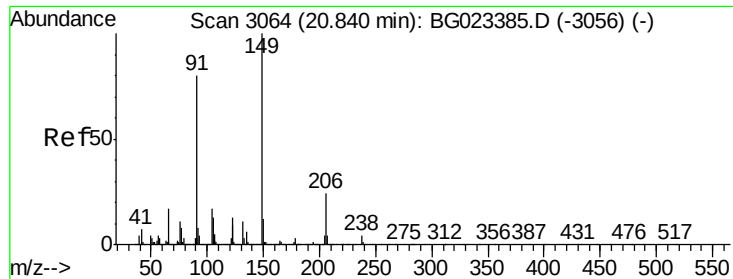
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|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 3392512 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 15.4  | 10.8  | 16.2    |
| 122       | 16.5  | 8.0   | 12.0    |



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E





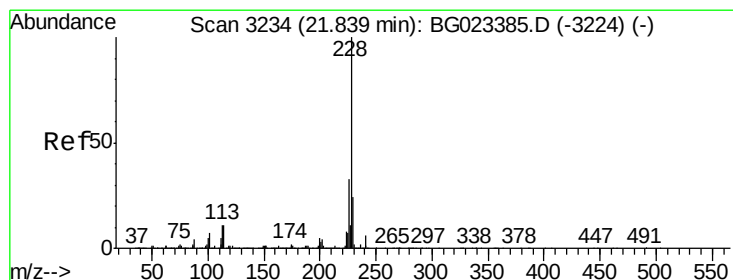
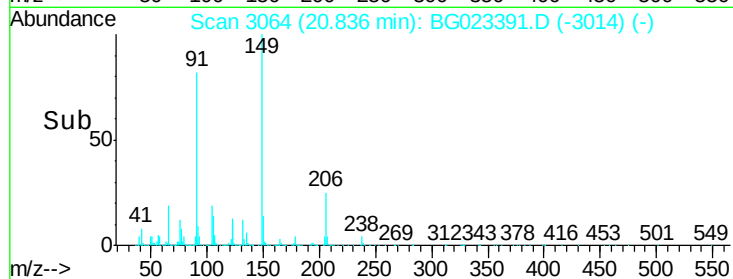
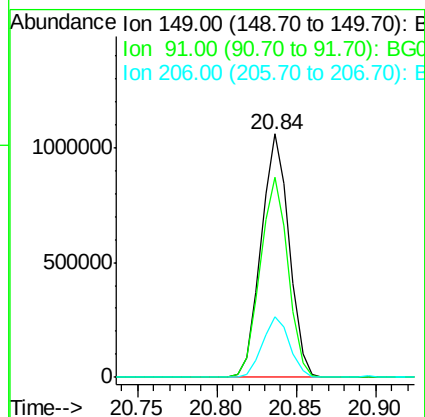
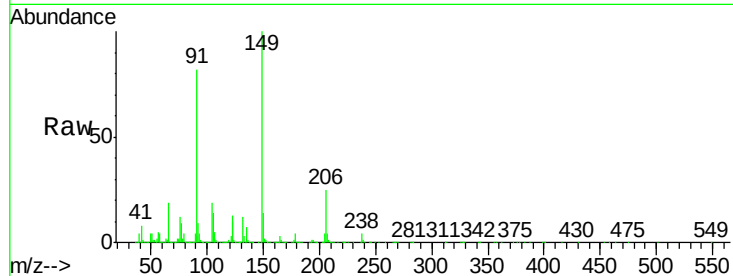
#79  
Butylbenzylphthalate  
Concen: 48.27 ng  
RT: 20.84 min Scan# 3064  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampled :  
PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 82.1  | 68.1  | 102.1 |
| 206     | 24.9  | 19.8  | 29.6  |

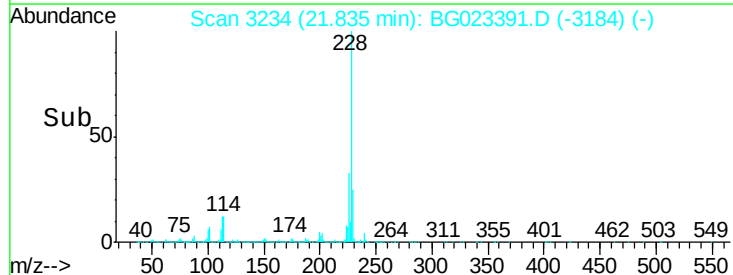
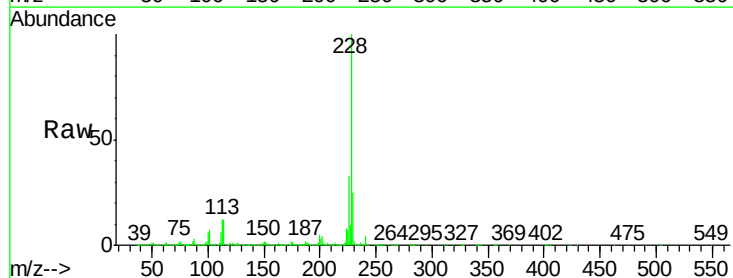
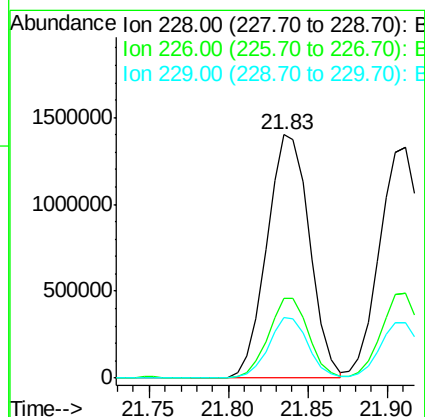
Manual Integrations  
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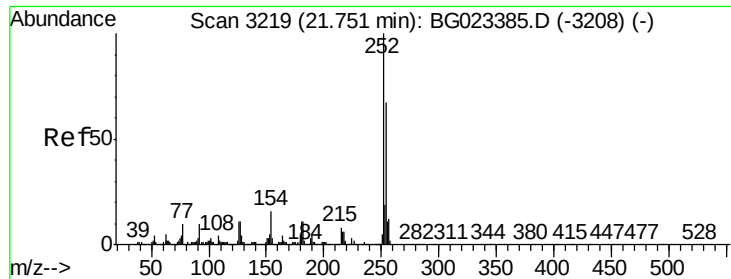
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#80  
Benzo(a)anthracene  
Concen: 42.16 ng  
RT: 21.83 min Scan# 3234  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.5  | 25.3  | 37.9  |
| 229     | 24.9  | 19.9  | 29.9  |





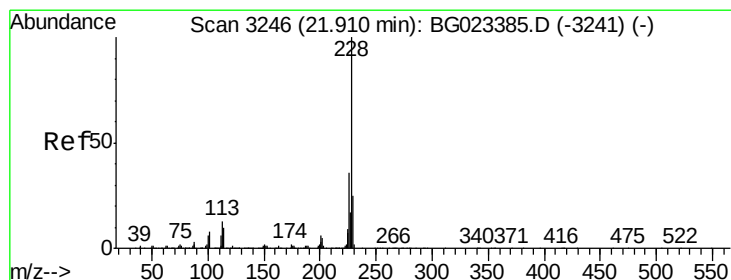
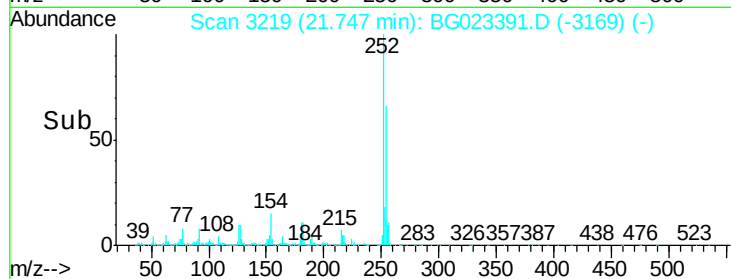
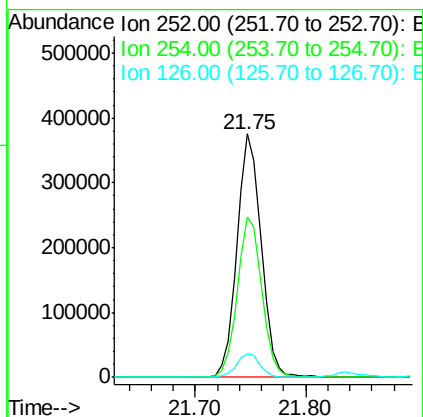
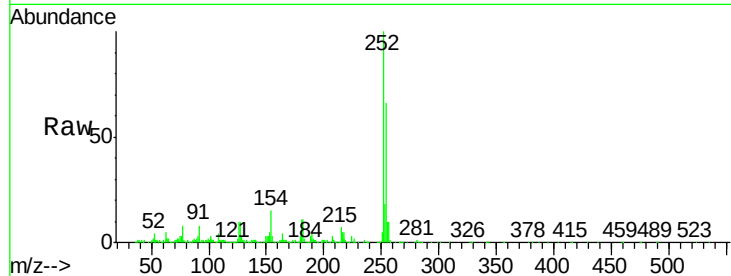
#81  
 3,3'-Dichlorobenzidine  
 Concen: 22.88 ng  
 RT: 21.75 min Scan# 3219  
 Delta R.T. -0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB92598BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 581899 |       |       |
| 254     | 66.0  |        | 51.2  | 76.8  |
| 126     | 9.9   |        | 5.3   | 7.9   |

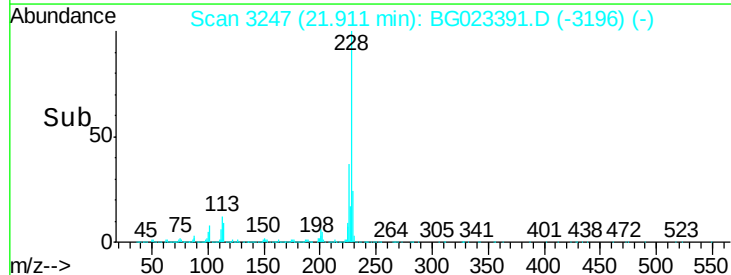
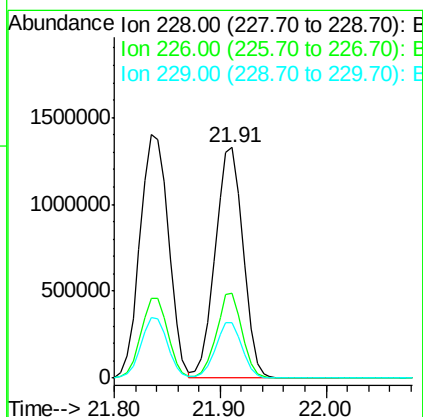
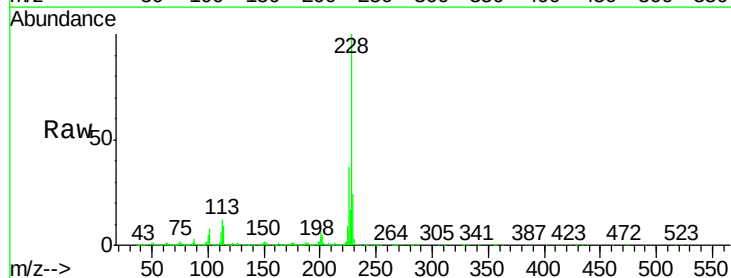
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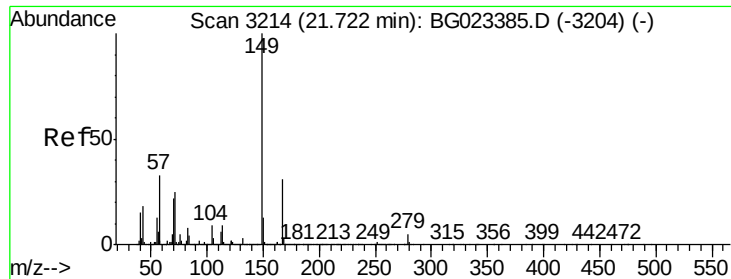
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#82  
 Chrysene  
 Concen: 41.40 ng  
 RT: 21.91 min Scan# 3247  
 Delta R.T. 0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 2442456 |       |       |
| 226     | 36.9  |         | 26.7  | 40.1  |
| 229     | 24.3  |         | 17.4  | 26.2  |





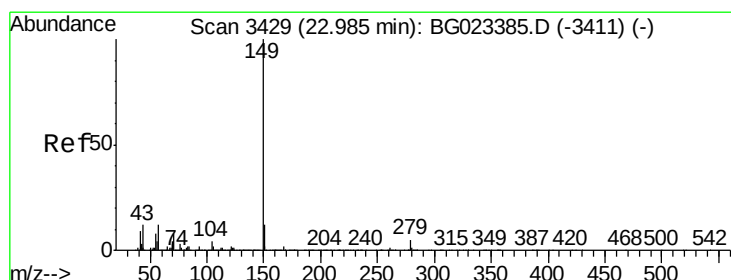
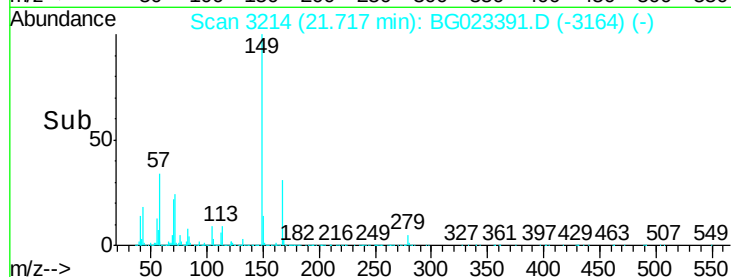
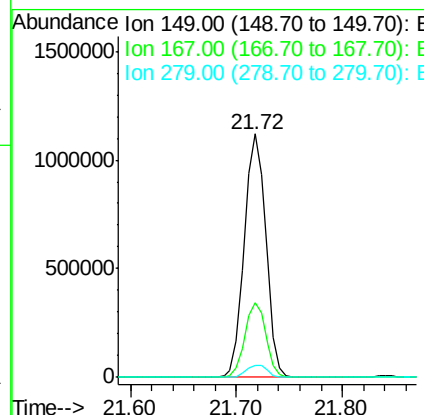
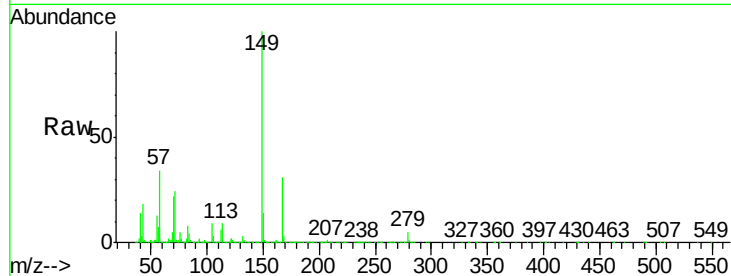
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.50 ng  
 RT: 21.72 min Scan# 3214  
 Delta R.T. -0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.7  | 24.0  | 36.0  |
| 279     | 4.7   | 4.8   | 7.2   |

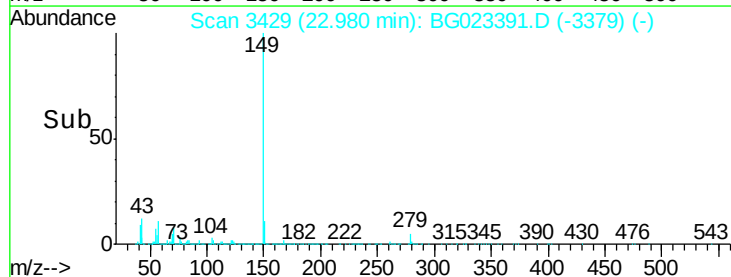
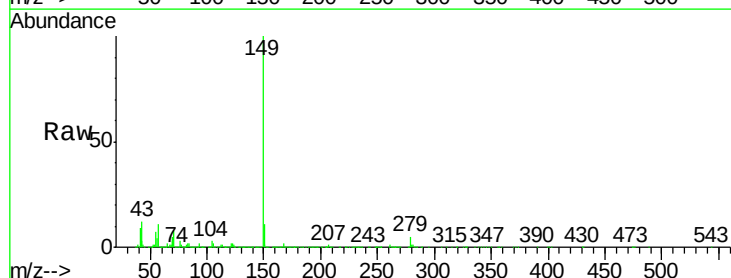
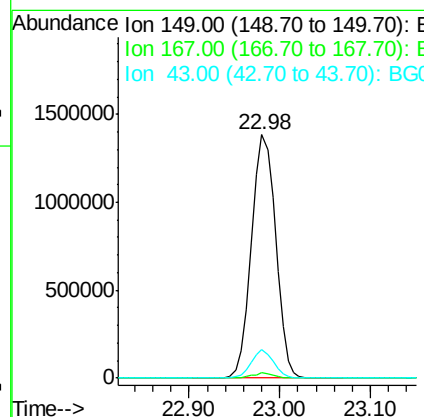
Manual Integrations  
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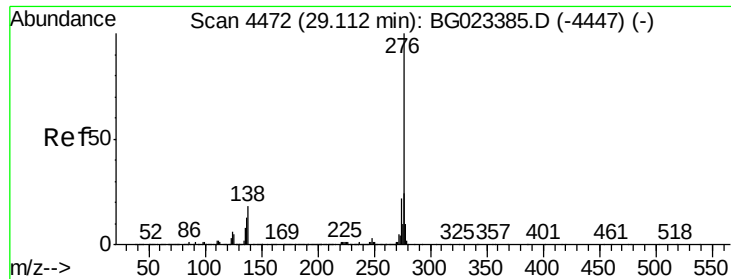
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#84  
 Di-n-octyl phthalate  
 Concen: 40.78 ng  
 RT: 22.98 min Scan# 3429  
 Delta R.T. -0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.5   | 2.3   |
| 43      | 10.7  | 8.8   | 13.2  |





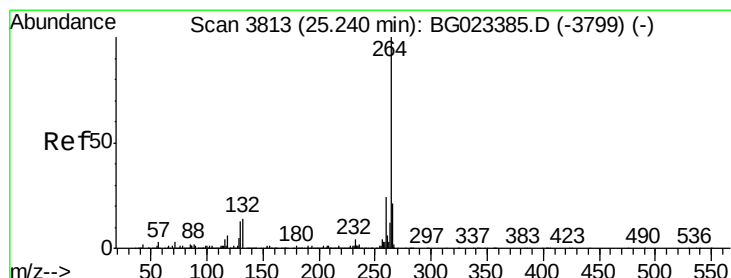
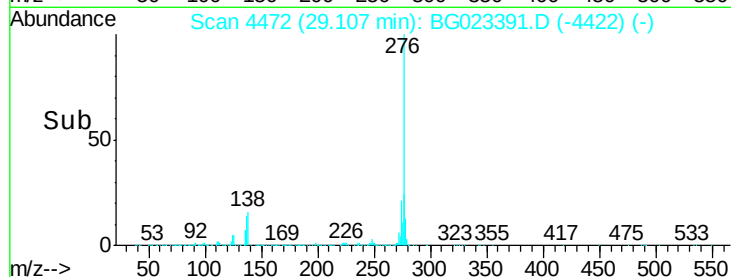
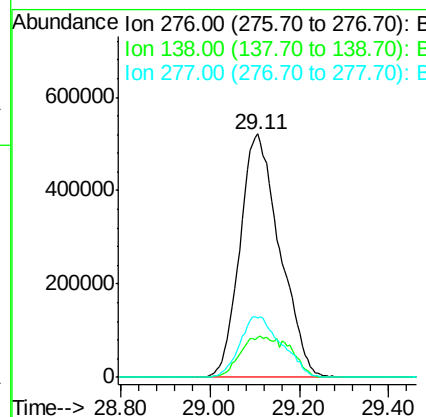
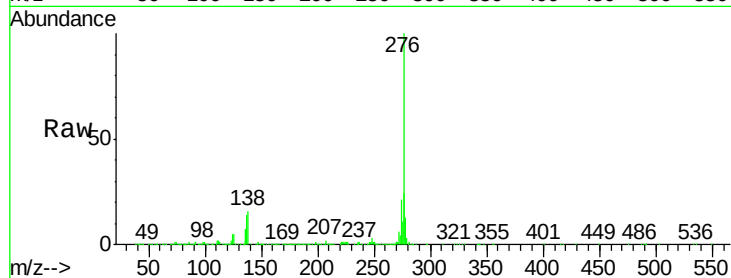
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 43.83 ng  
RT: 29.11 min Scan# 4472  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 15.1  | 0.0   | 0.0#  |
| 277     | 26.2  | 0.0   | 0.0#  |

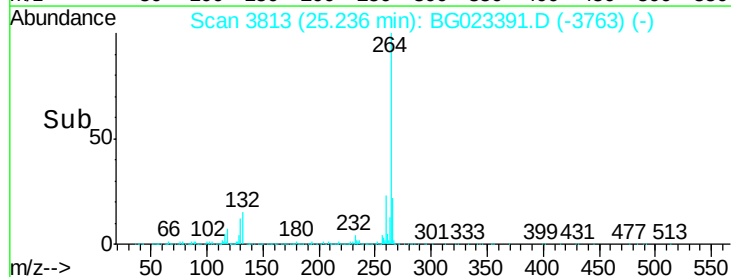
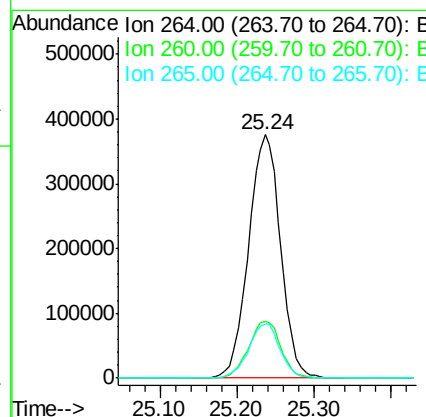
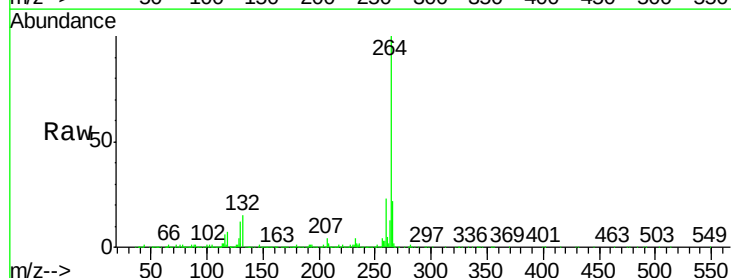
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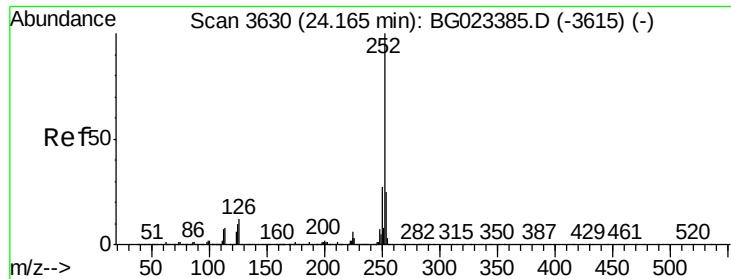
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.24 min Scan# 3813  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.1  | 18.4  | 27.6  |
| 265     | 22.3  | 18.9  | 28.3  |





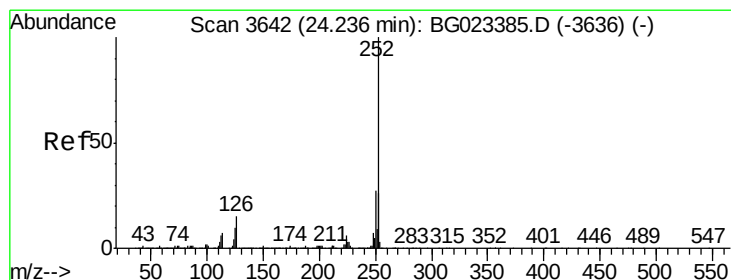
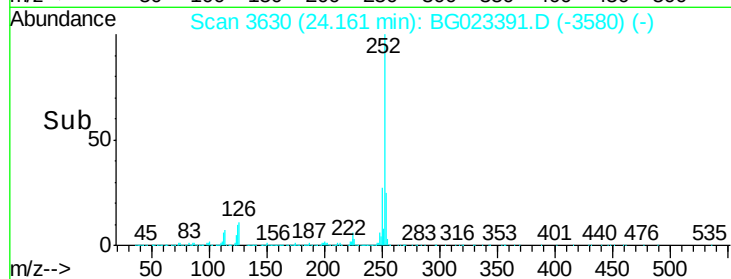
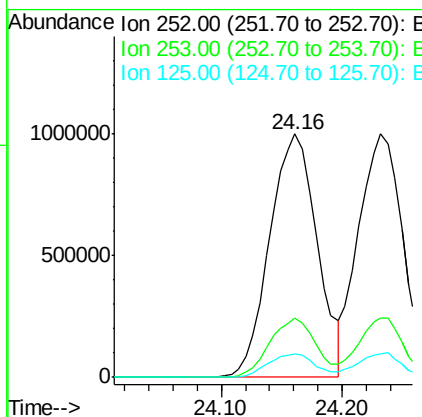
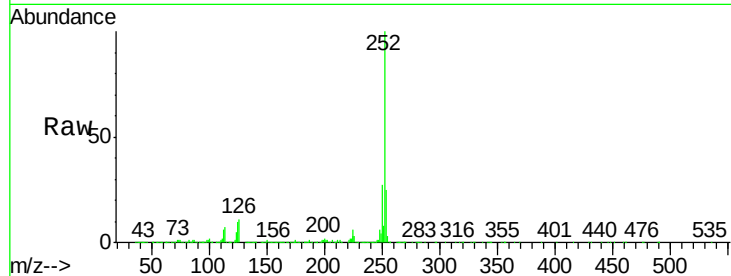
#87  
Benzo(b)fluoranthene  
Concen: 44.34 ng  
RT: 24.16 min Scan# 3630  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.5  | 18.9  | 28.3  |
| 125     | 9.9   | 3.9   | 5.9#  |

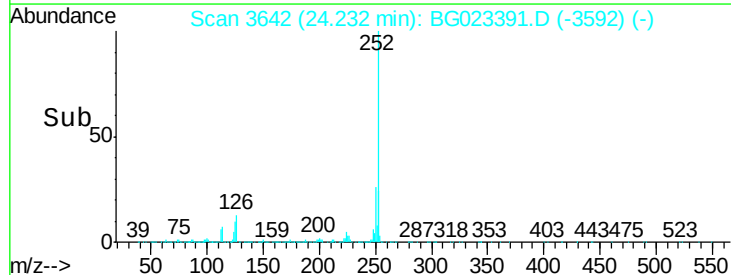
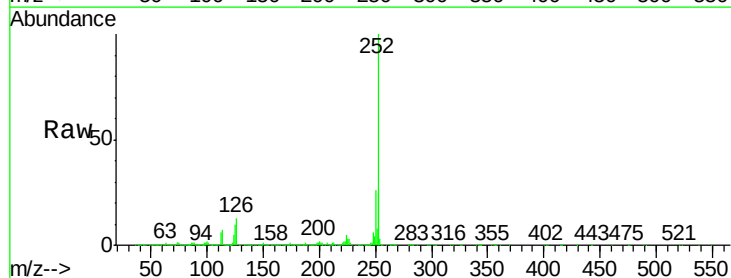
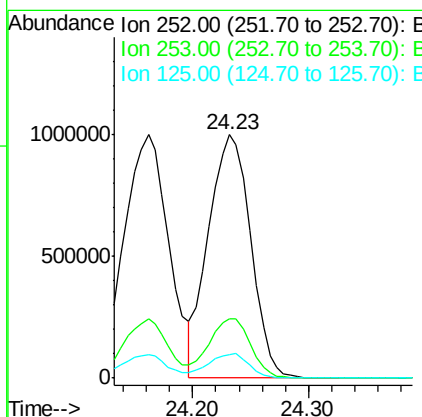
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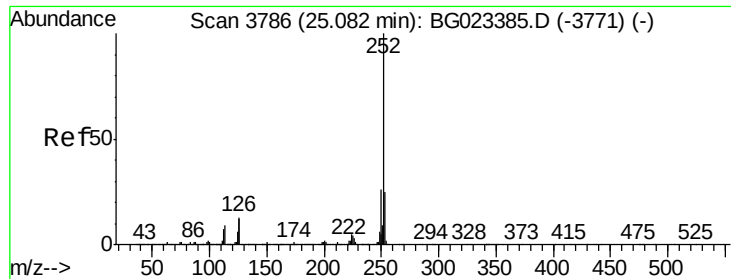


#88  
Benzo(k)fluoranthene  
Concen: 43.11 ng  
RT: 24.23 min Scan# 3642  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.5  | 18.8  | 28.2  |
| 125     | 9.8   | 3.2   | 4.8#  |







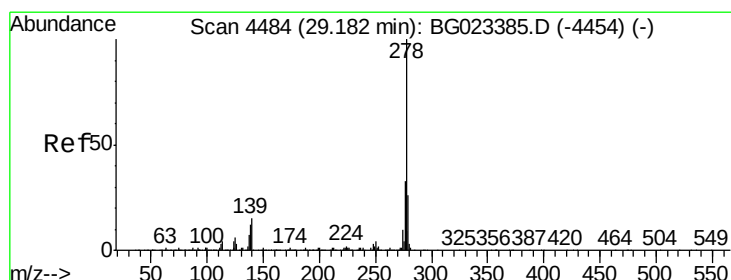
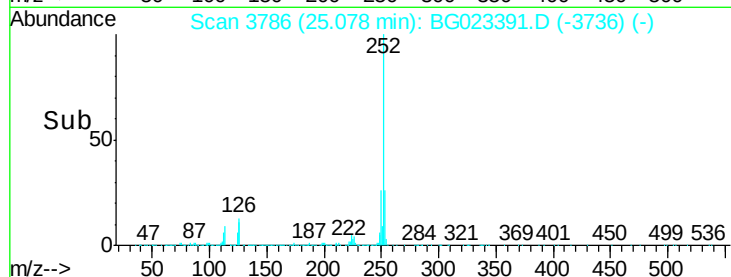
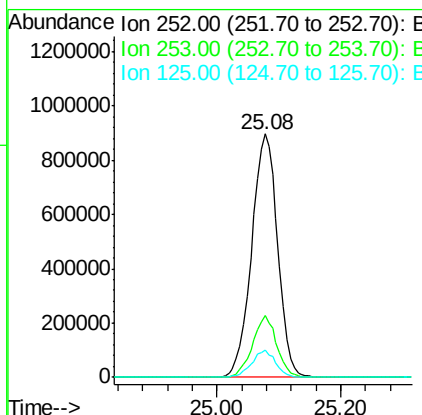
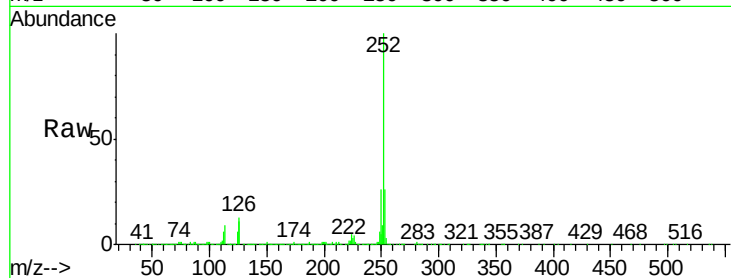
#89  
Benzo(a)pyrene  
Concen: 44.78 ng  
RT: 25.08 min Scan# 3786  
Delta R.T. -0.00 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 25.6  | 18.7  | 28.1  |
| 125     | 11.5  | 3.9   | 5.9   |

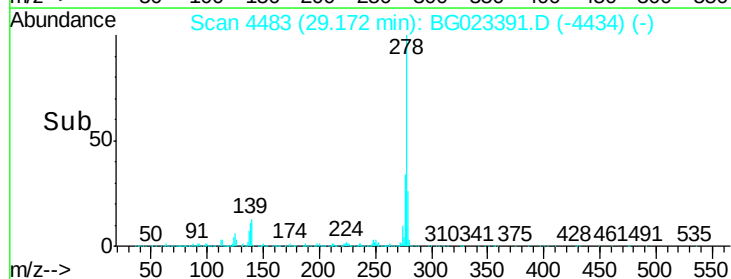
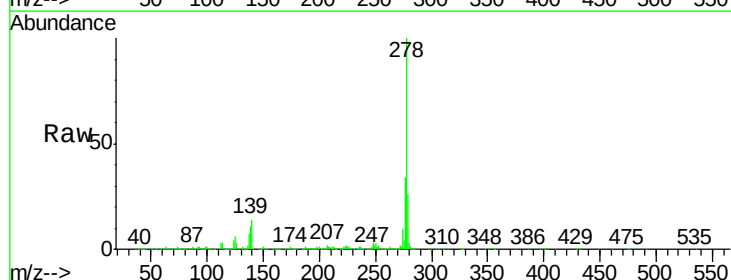
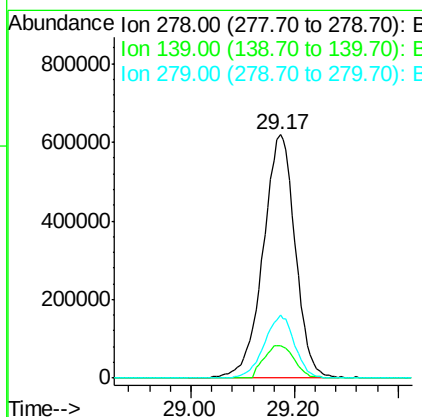
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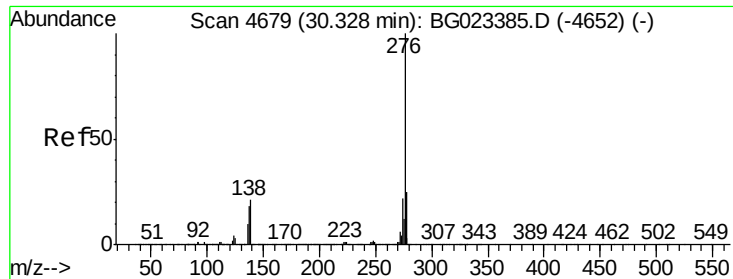
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#90  
Dibenzo(a,h)anthracene  
Concen: 44.71 ng  
RT: 29.17 min Scan# 4483  
Delta R.T. -0.01 min  
Lab File: BG023391.D  
Acq: 1 Aug 2016 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.5  | 4.7   | 7.1   |
| 279     | 25.7  | 18.3  | 27.5  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 44.45 ng  
 RT: 30.32 min Scan# 4679  
 Delta R.T. -0.00 min  
 Lab File: BG023391.D  
 Acq: 1 Aug 2016 21:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92598BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.9  | 18.6  | 27.8  |
| 138     | 19.2  | 6.8   | 10.2  |

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