

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\  
 Data File : BG023014.D  
 Acq On : 11 Jul 2016 23:58  
 Operator : UM/SJ  
 Sample : H3967-03MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S22-0005MS

Manual Integrations  
 APPROVED

sohil  
 7/12/2016 7:33:42 PM

Quant Time: Jul 12 04:40:35 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 07 16:51:07 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.16  | 152  | 117191   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.98 | 136  | 552683   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.80 | 164  | 436320   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.56 | 188  | 939257   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.87 | 240  | 1012797  | 20.00 | ng    | 0.02     |
| 86) Perylene-d12          | 25.25 | 264  | 1046093  | 20.00 | ng    | 0.06     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.70  | 112 | 474179  | 66.18  | ng | 0.00 |
| 7) Phenol-d6             | 7.31  | 99  | 500829  | 44.63  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.33  | 82  | 1184625 | 91.78  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.30 | 330 | 824746  | 105.17 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.42 | 172 | 2314885 | 83.57  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.17 | 244 | 2871606 | 93.34  | ng | 0.01 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 3) Pyridine                    | 3.97  | 79  | 109943  | 11.54 | ng | # 94   |
| 4) n-Nitrosodimethylamine      | 3.88  | 42  | 75210   | 18.39 | ng | # 91   |
| 6) Aniline                     | 7.47  | 93  | 351480  | 22.60 | ng | 99     |
| 8) 2-Chlorophenol              | 7.71  | 128 | 311697  | 40.88 | ng | 98     |
| 9) Benzaldehyde                | 7.29  | 77  | 454377  | 60.59 | ng | # 1    |
| 10) Phenol                     | 7.33  | 94  | 201793  | 17.48 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 7.57  | 93  | 406775  | 44.45 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 8.04  | 146 | 315443  | 33.79 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.19  | 146 | 324935  | 34.77 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.51  | 146 | 330051  | 35.53 | ng | 93     |
| 15) Benzyl Alcohol             | 8.39  | 79  | 357555  | 34.79 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.68  | 45  | 498555  | 44.60 | ng | 99     |
| 17) 2-Methylphenol             | 8.60  | 107 | 272521  | 36.25 | ng | 93     |
| 18) Hexachloroethane           | 9.25  | 117 | 245188  | 62.16 | ng | # 17   |
| 19) n-Nitroso-di-n-propylamine | 8.96  | 70  | 454718  | 44.95 | ng | 97     |
| 20) 3+4-Methylphenols          | 8.93  | 107 | 338806  | 32.32 | ng | 97     |
| 22) Acetophenone               | 8.98  | 105 | 1077291 | 64.95 | ng | # 92   |
| 24) Nitrobenzene               | 9.37  | 77  | 669403  | 48.81 | ng | 94     |
| 25) Isophorone                 | 9.89  | 82  | 1182316 | 45.54 | ng | 97     |
| 26) 2-Nitrophenol              | 10.09 | 139 | 239920  | 44.58 | ng | 89     |
| 27) 2,4-Dimethylphenol         | 10.14 | 122 | 387833  | 41.69 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.37 | 93  | 652439  | 45.06 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.63 | 162 | 452018  | 45.56 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.84 | 180 | 444031  | 39.05 | ng | 97     |
| 31) Naphthalene                | 11.03 | 128 | 2280360 | 81.05 | ng | 94     |
| 32) Benzoic acid               | 10.25 | 122 | 106319  | 12.56 | ng | 98     |
| 33) 4-Chloroaniline            | 11.14 | 127 | 274492  | 19.95 | ng | 95     |
| 34) Hexachlorobutadiene        | 11.31 | 225 | 318555  | 34.56 | ng | 97     |
| 35) Caprolactam                | 12.02 | 113 | 41154m  | 10.08 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.26 | 107 | 549906  | 40.52 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.63 | 142 | 1262828 | 56.79 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.00 | 216 | 657109  | 34.95 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.97 | 237 | 690203  | 63.76 | ng | 97     |
| 42) 2,4,6-Trichlorophenol      | 13.24 | 196 | 468768  | 43.38 | ng | 99     |

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 BNA\_G  
 ClientSampleId :  
 S22-0005MS

Manual Integrations  
 APPROVED

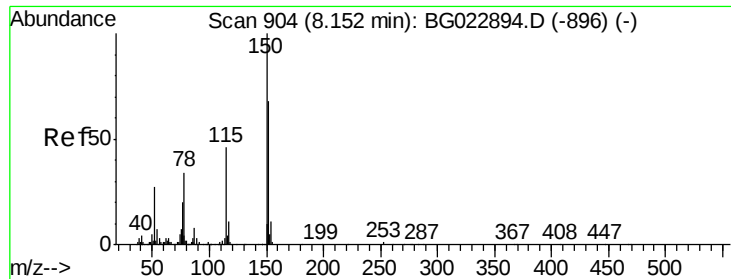
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 7/12/2016 7:33:42 PM

Quant Time: Jul 12 04:40:35 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 07 16:51:07 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 13.31 | 196  | 487192   | 43.90 | nq    | 95       |
| 45) 1,1'-Biphenyl              | 13.63 | 154  | 1423252  | 43.47 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 13.68 | 162  | 1172069  | 44.14 | nq    | 94       |
| 47) 2-Nitroaniline             | 13.88 | 65   | 508856   | 44.91 | nq    | 97       |
| 48) Acenaphthylene             | 14.52 | 152  | 1695309  | 42.56 | nq    | 98       |
| 49) Dimethylphthalate          | 14.25 | 163  | 1632303  | 45.80 | nq    | # 95     |
| 50) 2,6-Dinitrotoluene         | 14.38 | 165  | 364949   | 45.56 | nq    | # 82     |
| 51) Acenaphthene               | 14.87 | 154  | 1162859  | 44.67 | nq    | 99       |
| 52) 3-Nitroaniline             | 14.71 | 138  | 185397   | 23.21 | nq    | 86       |
| 53) 2,4-Dinitrophenol          | 14.91 | 184  | 413475   | 75.23 | nq    | 97       |
| 54) Dibenzofuran               | 15.20 | 168  | 1788038  | 45.89 | nq    | 98       |
| 55) 4-Nitrophenol              | 15.02 | 139  | 202814   | 30.29 | nq    | 94       |
| 56) 2,4-Dinitrotoluene         | 15.16 | 165  | 506981   | 43.42 | nq    | 97       |
| 57) Fluorene                   | 15.85 | 166  | 1462784  | 43.62 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.42 | 232  | 495041   | 44.58 | nq    | 98       |
| 59) Diethylphthalate           | 15.61 | 149  | 1547377  | 42.67 | nq    | 95       |
| 60) 4-Chlorophenyl-phenylether | 15.83 | 204  | 853638   | 41.79 | nq    | 99       |
| 61) 4-Nitroaniline             | 15.88 | 138  | 305516   | 35.35 | nq    | # 84     |
| 62) Azobenzene                 | 16.13 | 77   | 1707968  | 49.24 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 15.93 | 198  | 306832   | 43.95 | nq    | 94       |
| 65) n-Nitrosodiphenylamine     | 16.06 | 169  | 1361268  | 50.30 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.73 | 248  | 566202   | 46.33 | nq    | 99       |
| 67) Hexachlorobenzene          | 16.86 | 284  | 595824   | 44.84 | nq    | 98       |
| 68) Atrazine                   | 17.01 | 200  | 530461   | 44.19 | nq    | 99       |
| 69) Pentachlorophenol          | 17.21 | 266  | 762803   | 88.65 | nq    | 99       |
| 70) Phenanthrene               | 17.60 | 178  | 2190672  | 47.59 | nq    | 95       |
| 71) Anthracene                 | 17.70 | 178  | 2221125  | 47.65 | nq    | 97       |
| 72) Carbazole                  | 17.97 | 167  | 1929671  | 47.91 | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.51 | 149  | 2250880  | 50.25 | nq    | 98       |
| 74) Fluoranthene               | 19.61 | 202  | 2452452  | 43.42 | nq    | 95       |
| 77) Pyrene                     | 19.97 | 202  | 2500376  | 43.93 | nq    | 96       |
| 79) Butylbenzylphthalate       | 20.85 | 149  | 1152455  | 51.12 | nq    | 96       |
| 80) Benzo(a)anthracene         | 21.85 | 228  | 2666171  | 47.05 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.76 | 252  | 471462   | 18.96 | nq    | # 99     |
| 82) Chrysene                   | 21.92 | 228  | 2542908  | 47.84 | nq    | 95       |
| 83) Bis(2-ethylhexyl)phthalate | 21.73 | 149  | 1579520  | 50.46 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 22.99 | 149  | 2618497  | 50.16 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.13 | 276  | 3307918  | 48.81 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.17 | 252  | 2885432m | 47.81 | nq    |          |
| 88) Benzo(k)fluoranthene       | 24.25 | 252  | 2767477  | 48.32 | nq    | # 98     |
| 89) Benzo(a)pyrene             | 25.09 | 252  | 2819832  | 48.74 | nq    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 29.20 | 278  | 2759897  | 48.06 | nq    | # 95     |
| 91) Benzo(g,h,i)perylene       | 30.35 | 276  | 2729403  | 47.46 | nq    | # 96     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

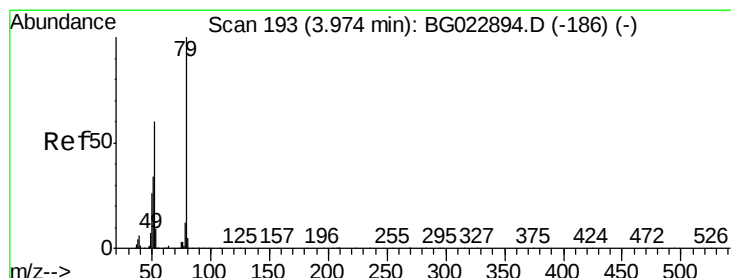
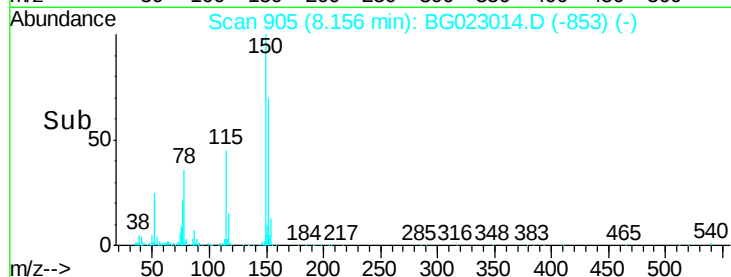
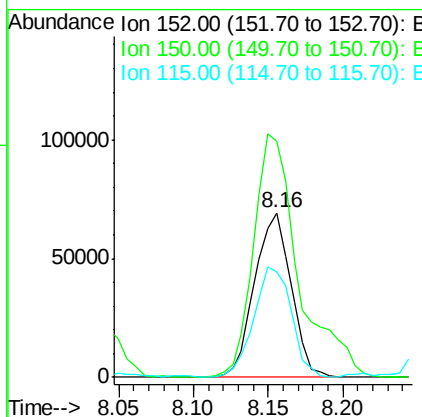
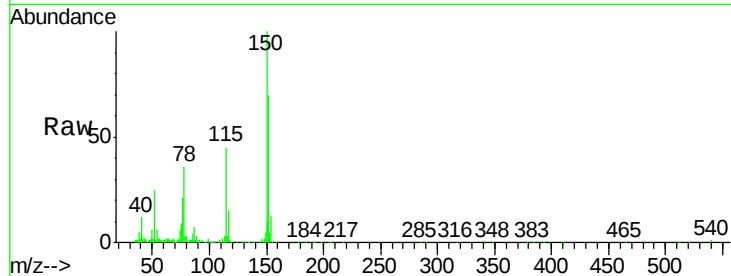
ClientSampleId :

S22-0005MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 152     | 100   |       |        |
| 150     | 143.7 | 144.7 | 217.1# |
| 115     | 64.3  | 64.0  | 96.0   |

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#3

Pyridine

Concen: 11.54 ng

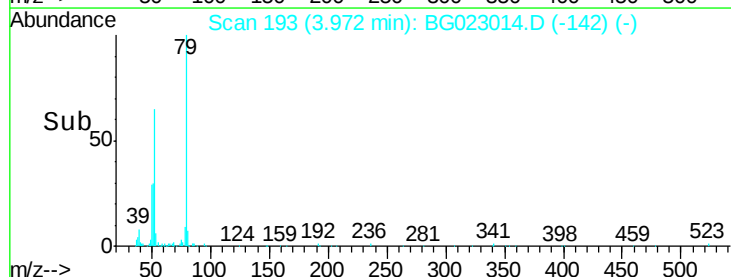
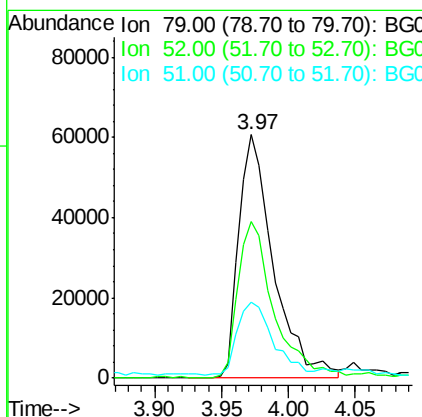
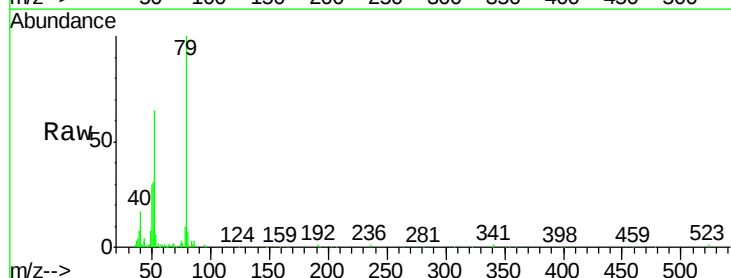
RT: 3.97 min Scan# 193

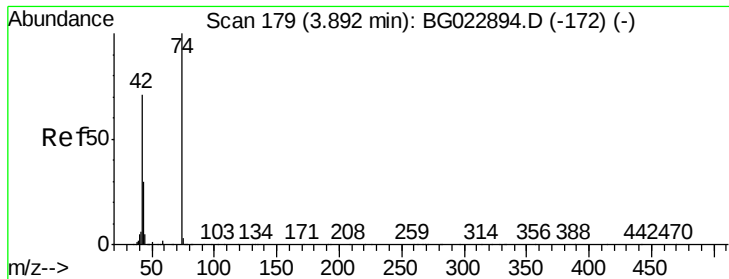
Delta R.T. -0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 64.5  | 51.8  | 77.8  |
| 51      | 31.1  | 32.7  | 49.1# |





#4

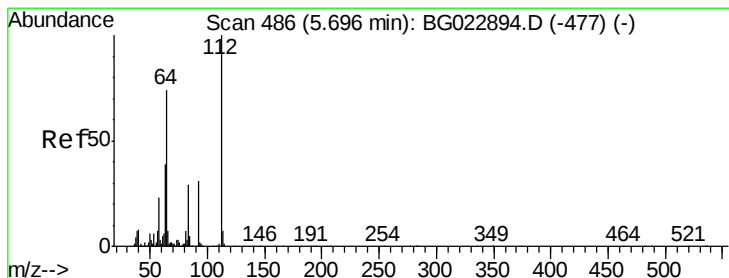
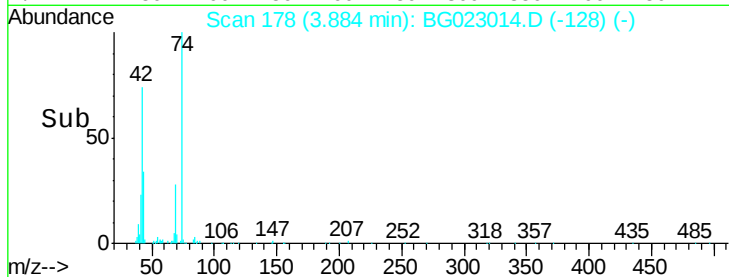
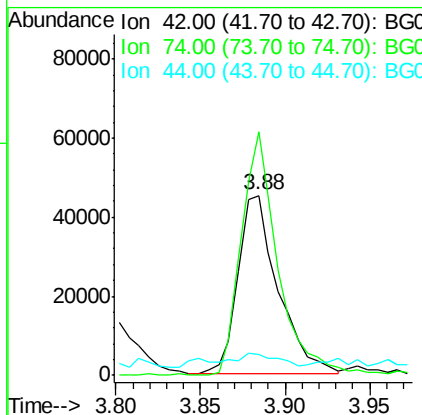
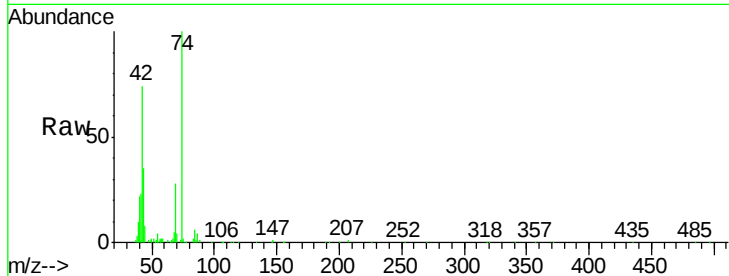
n-Nitrosodimethylamine  
 Concen: 18.39 ng  
 RT: 3.88 min Scan# 178  
 Delta R.T. -0.01 min  
 Lab File: BG023014.D  
 Acq: 11 Jul 2016 23:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 135.2 | 100.6 | 150.8 |
| 44      | 11.3  | 4.5   | 6.7#  |

Manual Integrations  
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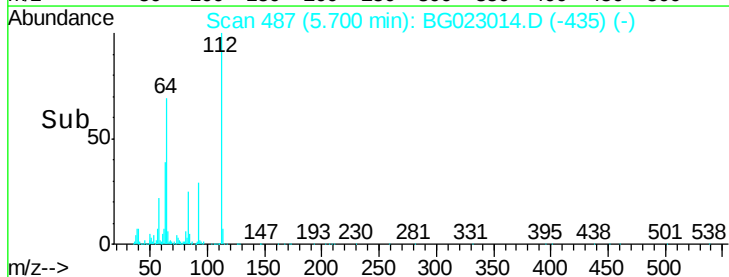
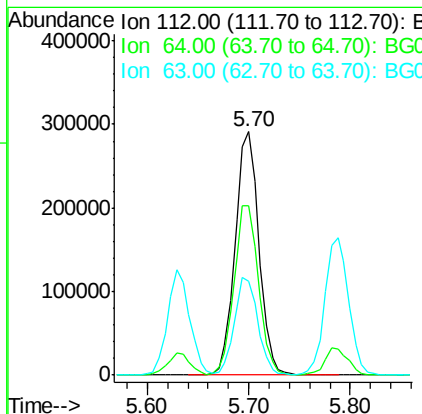
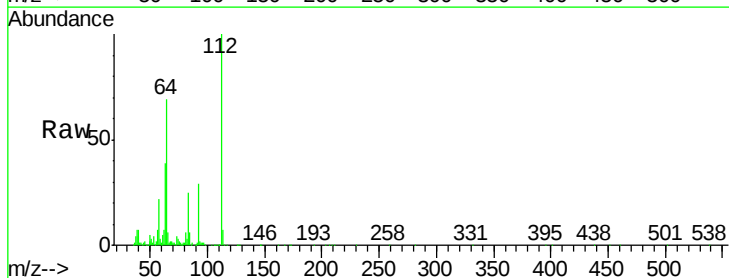
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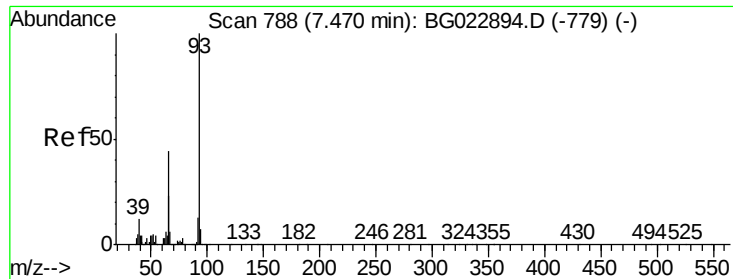


#5

2-Fluorophenol  
 Concen: 66.18 ng  
 RT: 5.70 min Scan# 487  
 Delta R.T. 0.00 min  
 Lab File: BG023014.D  
 Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 69.5  | 59.0  | 88.4  |
| 63      | 38.8  | 37.8  | 56.8  |





#6

Aniline

Concen: 22.60 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

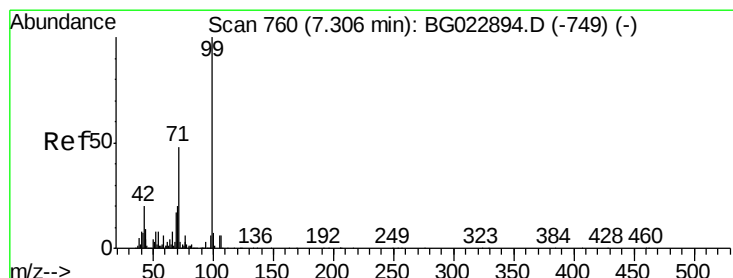
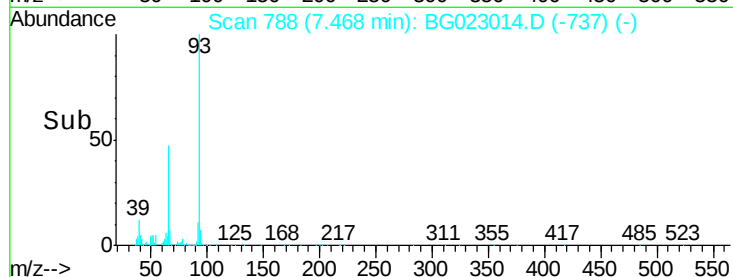
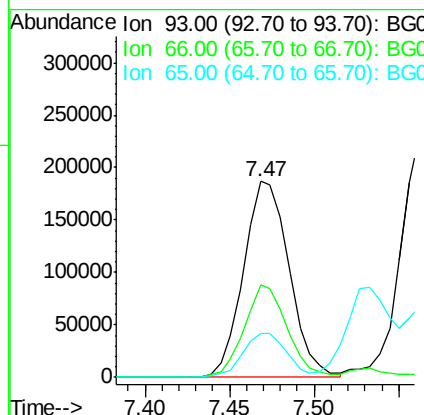
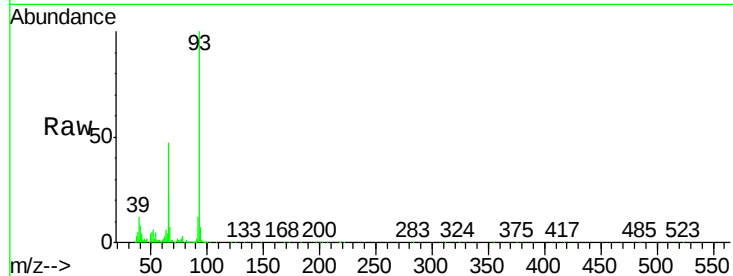
ClientSampleId :

S22-0005MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 351480 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 47.3  | 37.5  | 56.3   |
| 65       | 22.2  | 17.9  | 26.9   |

Manual Integrations  
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#7

Phenol-d6

Concen: 44.63 ng

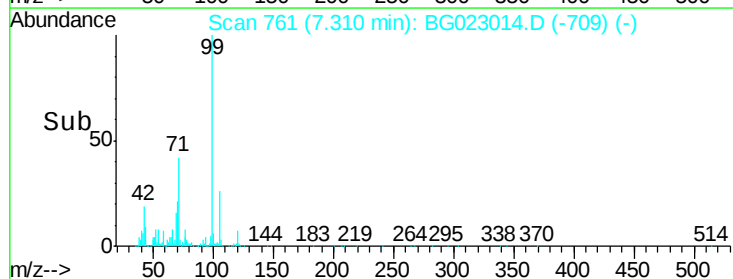
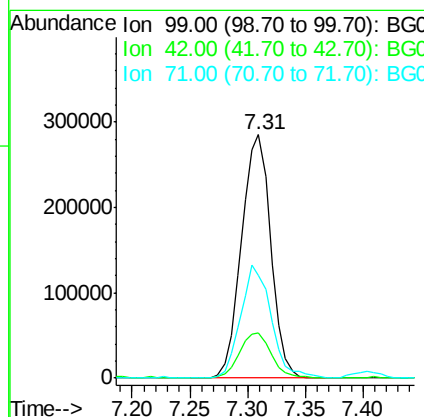
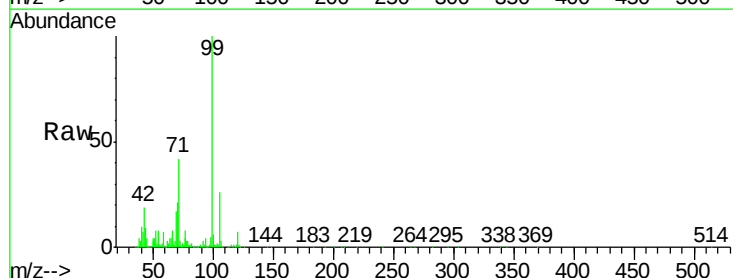
RT: 7.31 min Scan# 761

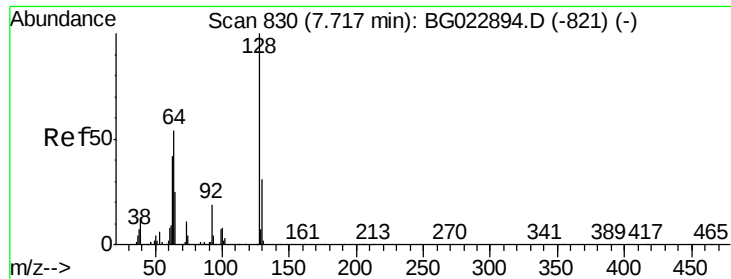
Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 500829 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 18.8  | 17.8  | 26.6   |
| 71       | 42.4  | 41.5  | 62.3   |





#8

2-Chlorophenol

Concen: 40.88 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

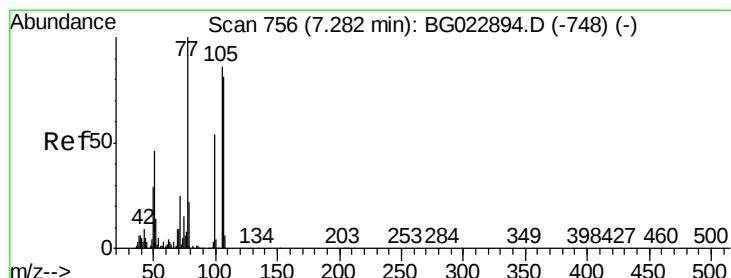
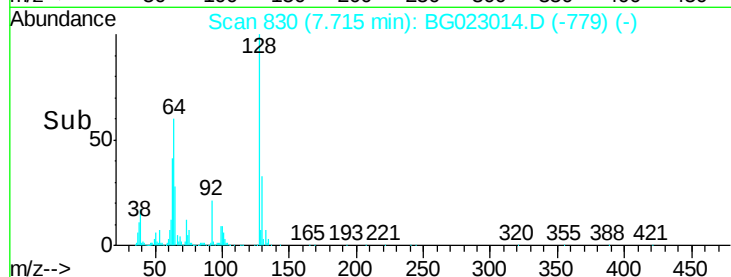
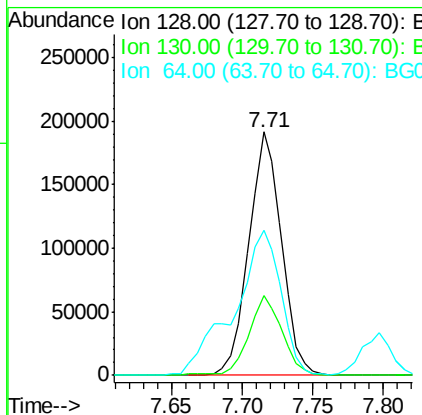
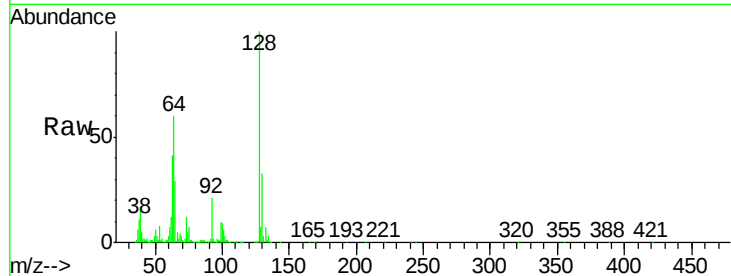
ClientSampled :

S22-0005MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 311697 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.6  | 12.9  | 52.9   |
| 64        | 59.5  | 42.0  | 82.0   |

Manual Integrations  
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#9

Benzaldehyde

Concen: 60.59 ng

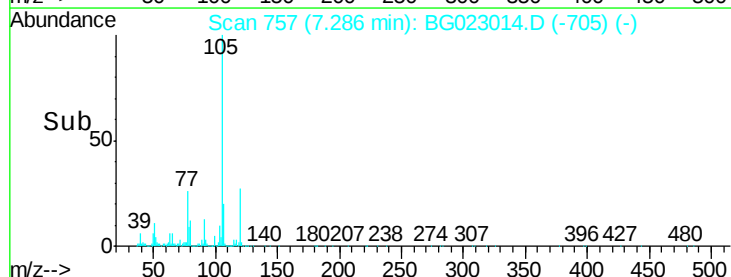
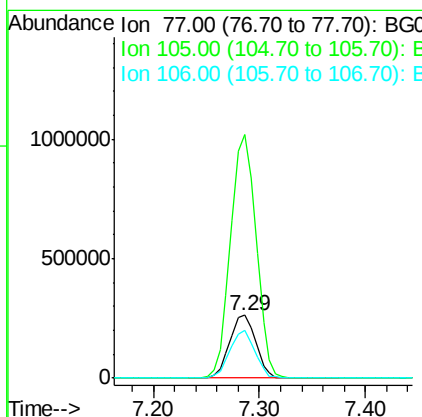
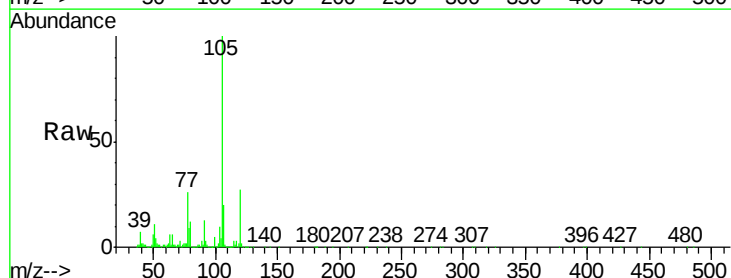
RT: 7.29 min Scan# 757

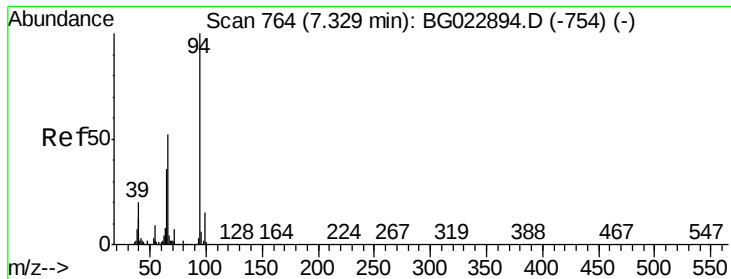
Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 454377 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 388.3 | 58.7  | 98.7#  |
| 106       | 76.1  | 67.5  | 107.5  |





#10

Phenol

Concen: 17.48 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

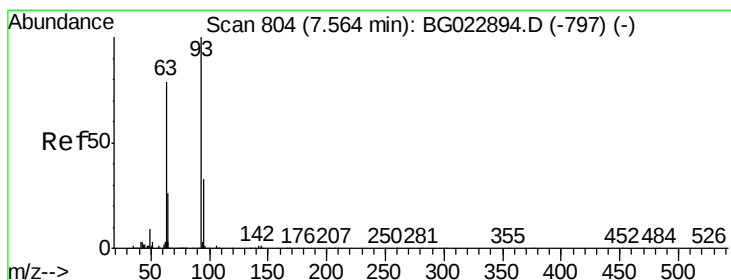
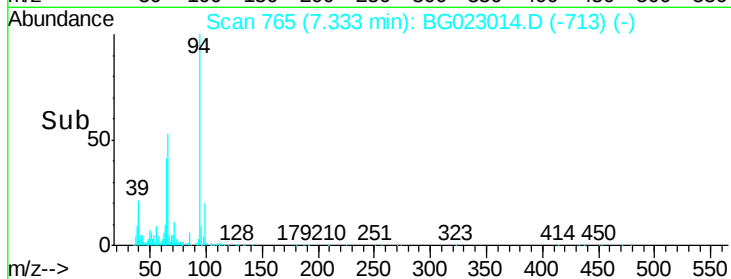
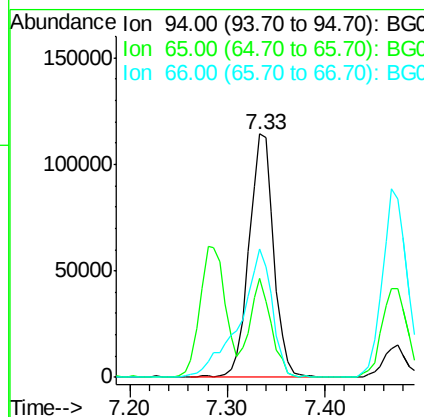
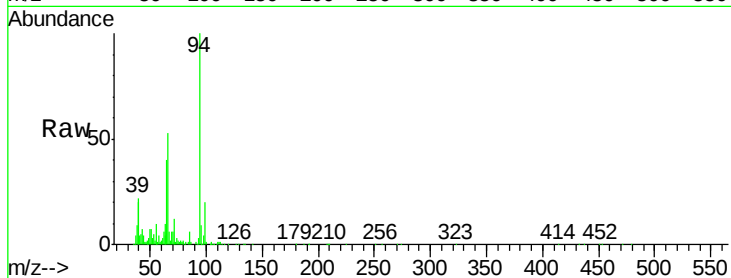
ClientSampleId :

S22-0005MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 94    | Resp: | 201793 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 40.4  | 18.1  | 58.1   |
| 66       | 53.0  | 42.1  | 82.1   |

Manual Integrations  
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#11

bis(2-Chloroethyl)ether

Concen: 44.45 ng

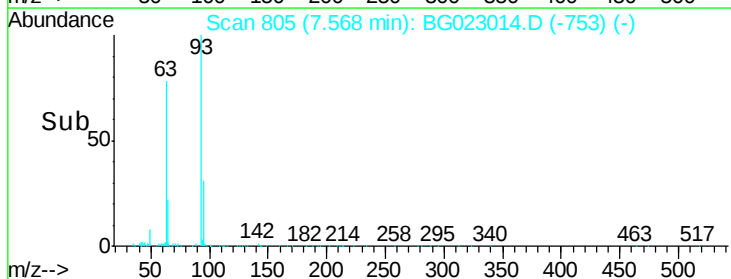
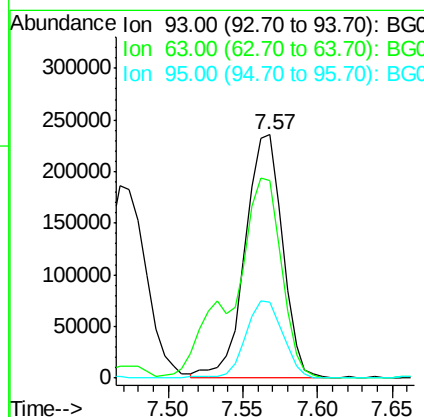
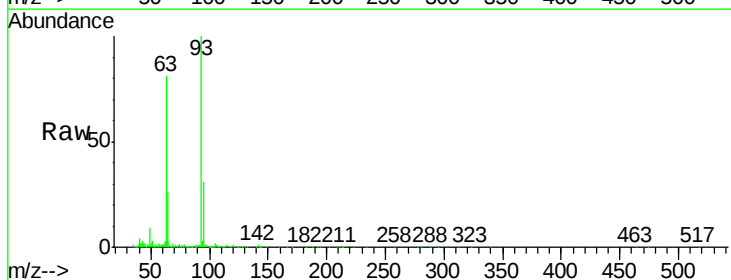
RT: 7.57 min Scan# 805

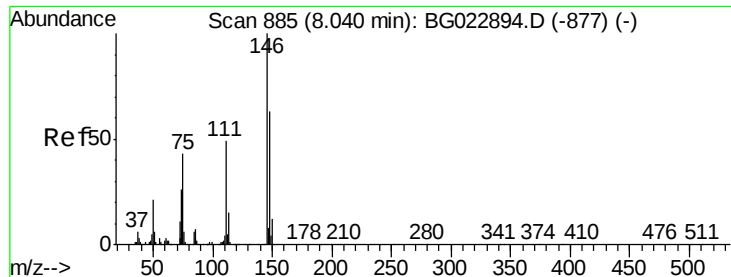
Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 406775 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 81.4  | 55.0  | 95.0   |
| 95       | 31.1  | 11.0  | 51.0   |





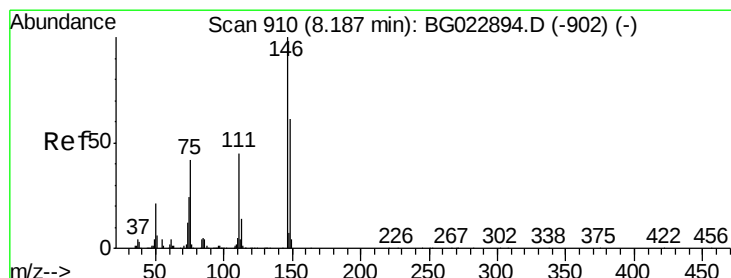
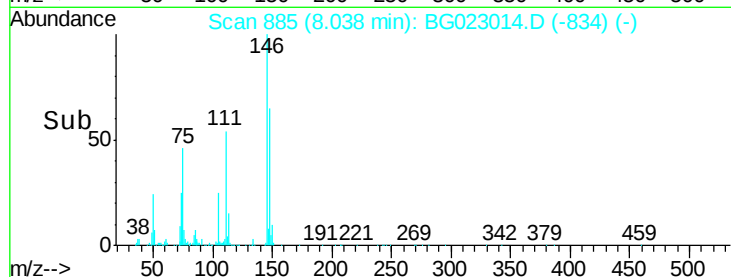
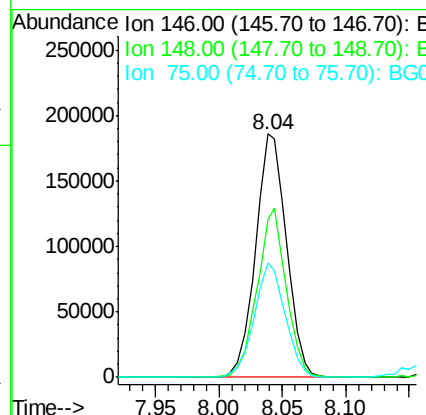
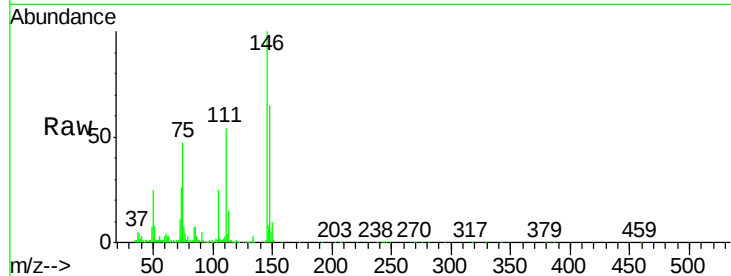
#12  
1,3-Dichlorobenzene  
Concen: 33.79 ng  
RT: 8.04 min Scan# 885  
Delta R.T. -0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 50.3  | 75.5  |
| 75      | 46.8  | 37.0  | 55.6  |

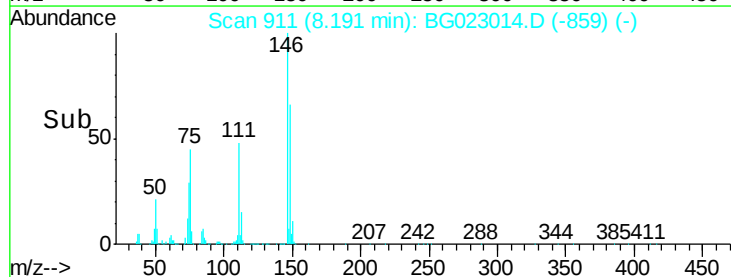
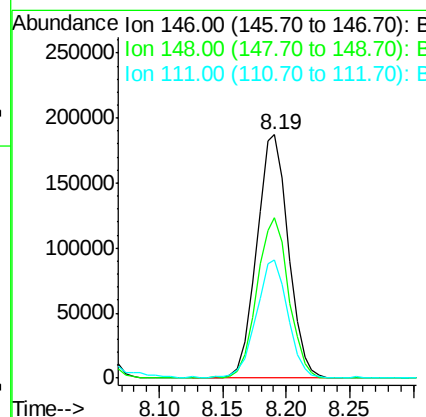
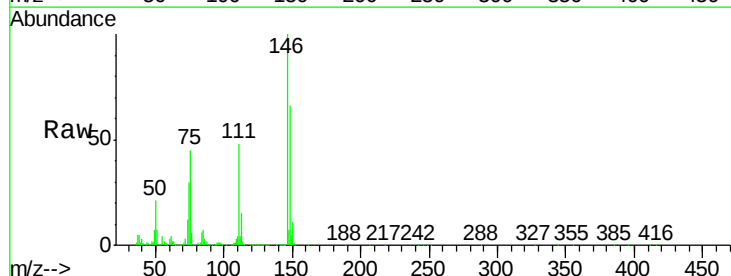
Manual Integrations  
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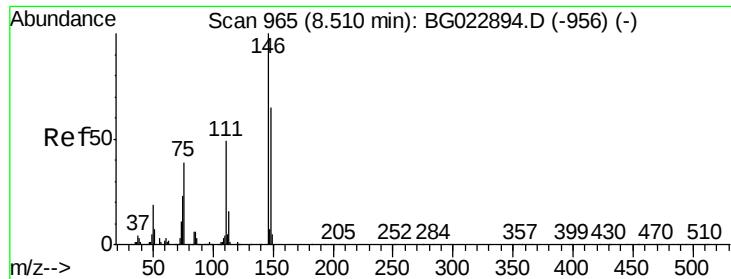
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7/12/2016 7:33:42 PM



#13  
1,4-Dichlorobenzene  
Concen: 34.77 ng  
RT: 8.19 min Scan# 911  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.8  | 54.5  | 81.7  |
| 111     | 48.4  | 37.8  | 56.8  |





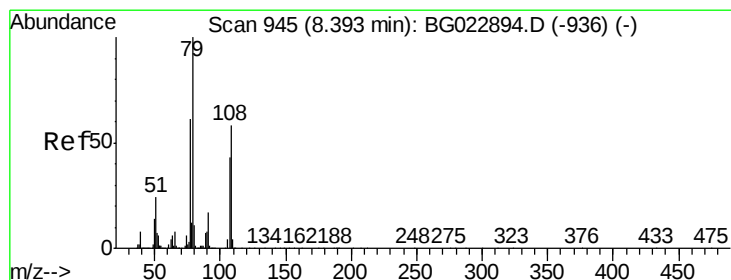
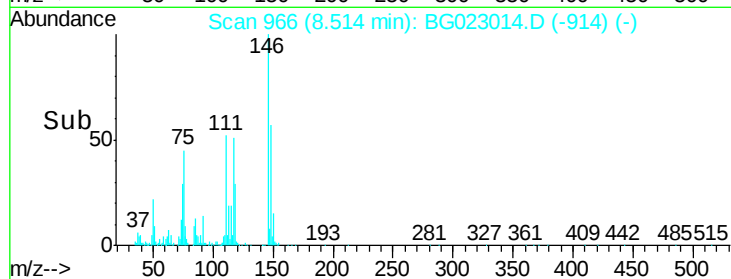
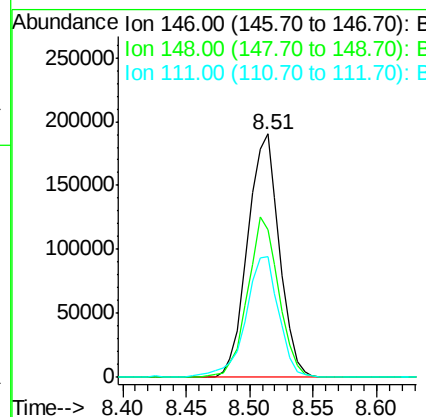
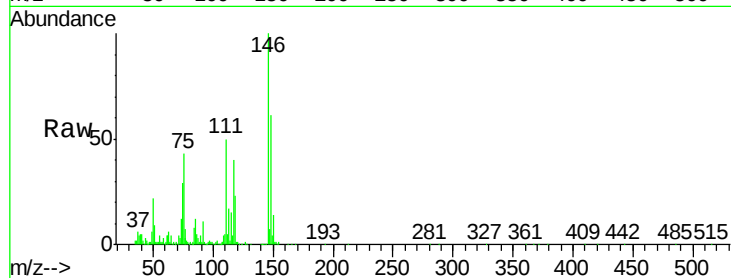
#14  
 1,2-Dichlorobenzene  
 Concen: 35.53 ng  
 RT: 8.51 min Scan# 966  
 Delta R.T. 0.00 min  
 Lab File: BG023014.D  
 Acq: 11 Jul 2016 23:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 60.7  | 52.9  | 79.3  |
| 111     | 49.8  | 43.5  | 65.3  |

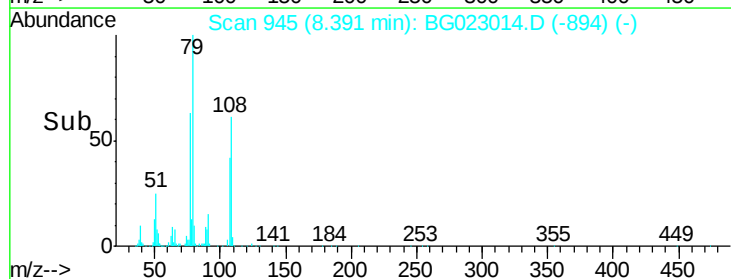
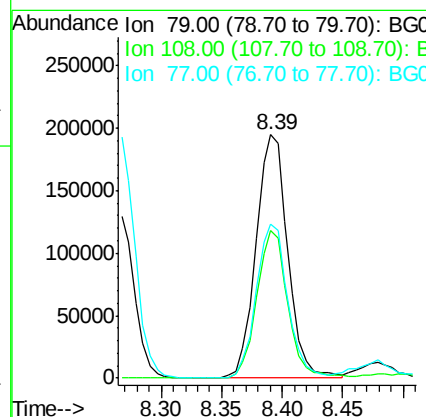
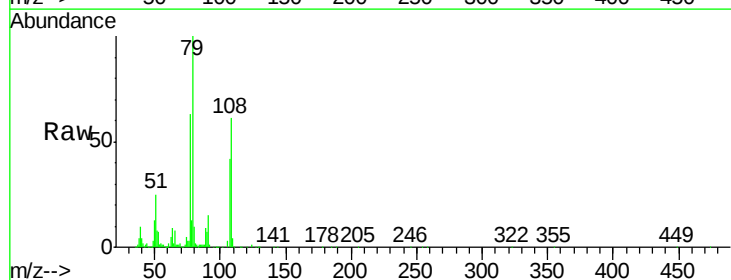
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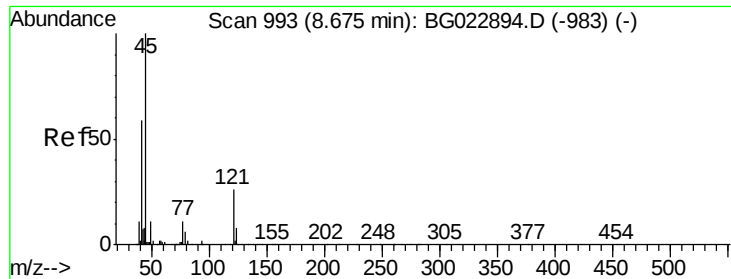
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#15  
 Benzyl Alcohol  
 Concen: 34.79 ng  
 RT: 8.39 min Scan# 945  
 Delta R.T. -0.00 min  
 Lab File: BG023014.D  
 Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 60.6  | 46.5  | 69.7  |
| 77      | 63.1  | 52.3  | 78.5  |





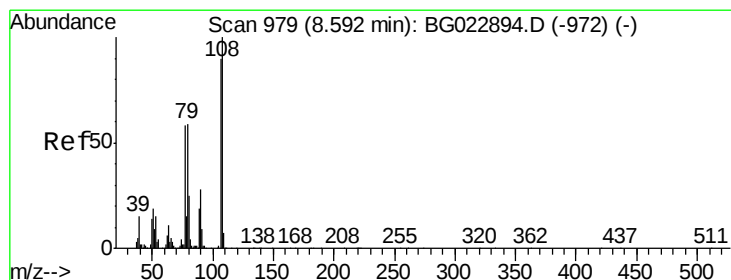
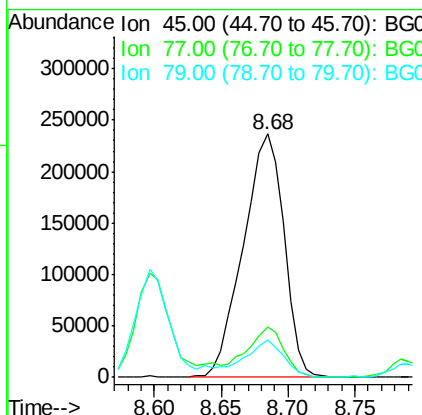
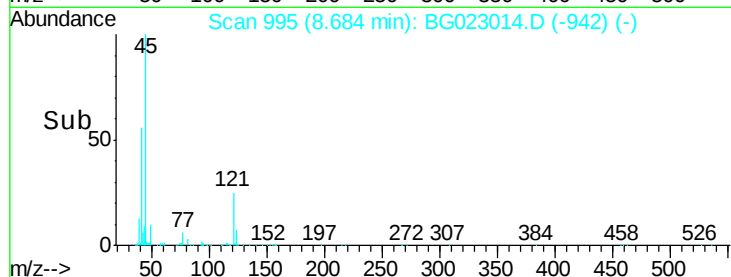
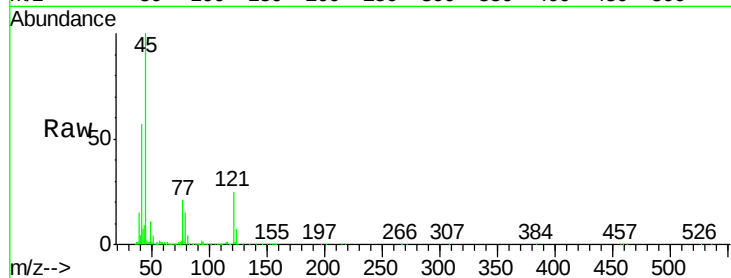
#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 44.60 ng  
RT: 8.68 min Scan# 995  
Delta R.T. 0.01 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 498555 |       |       |
| 77      | 20.6  |        | 0.6   | 40.6  |
| 79      | 15.2  |        | 0.0   | 36.2  |

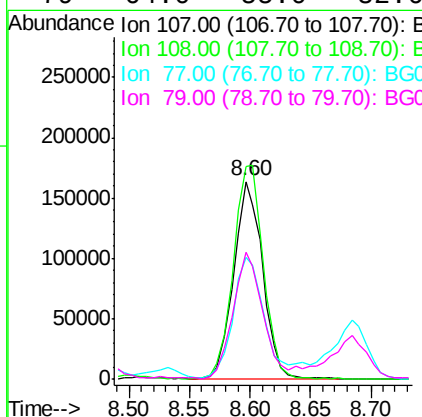
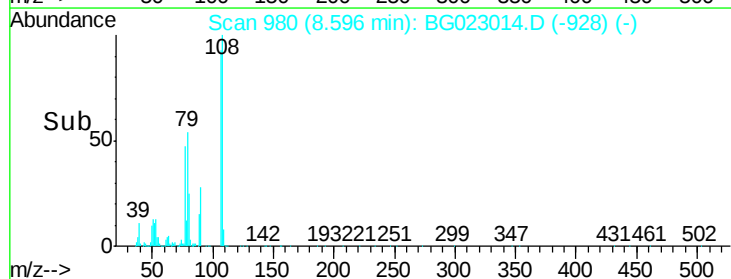
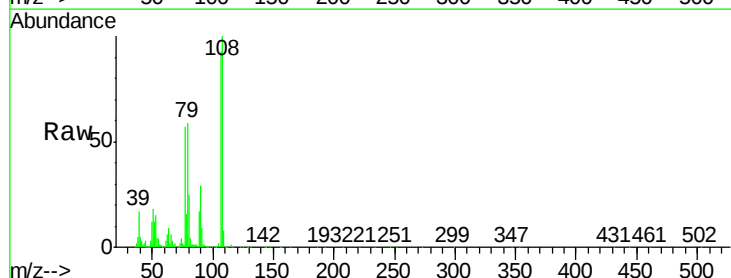
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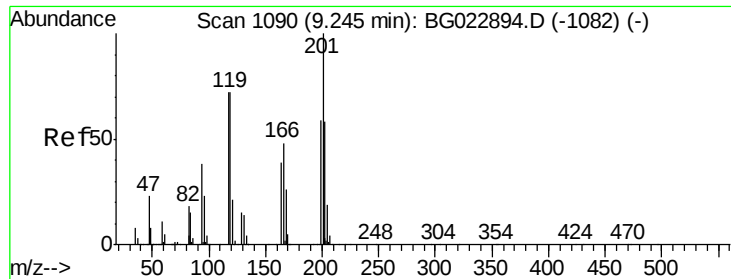
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#17  
2-Methylphenol  
Concen: 36.25 ng  
RT: 8.60 min Scan# 980  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 272521 |       |       |
| 108     | 107.8 |        | 92.0  | 138.0 |
| 77      | 61.8  |        | 55.8  | 83.6  |
| 79      | 64.0  |        | 55.0  | 82.6  |





#18

Hexachloroethane

Concen: 62.16 ng

RT: 9.25 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

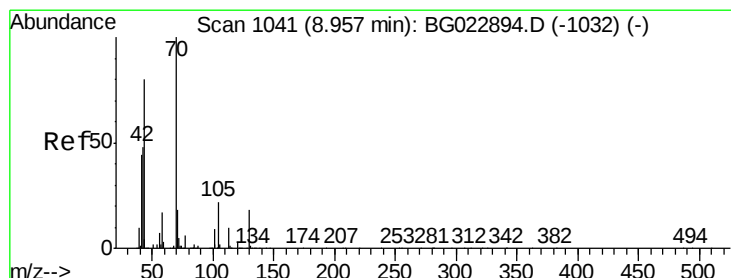
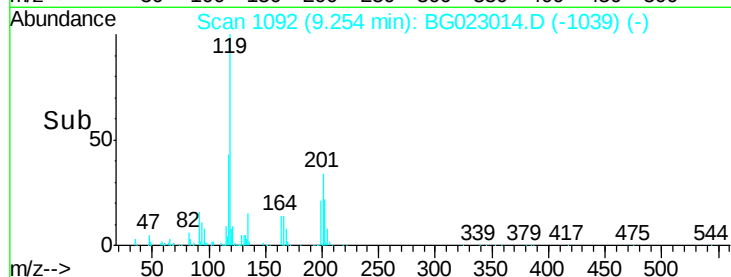
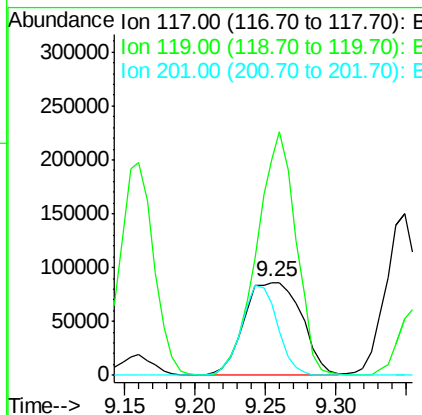
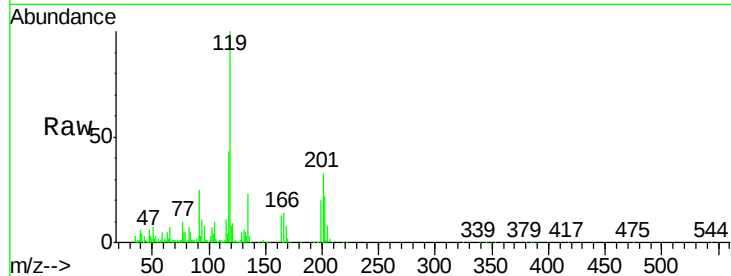
ClientSampleId :

S22-0005MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 231.1 | 73.7  | 110.5# |
| 201     | 78.9  | 88.7  | 133.1# |

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#19

n-Nitroso-di-n-propylamine

Concen: 44.95 ng

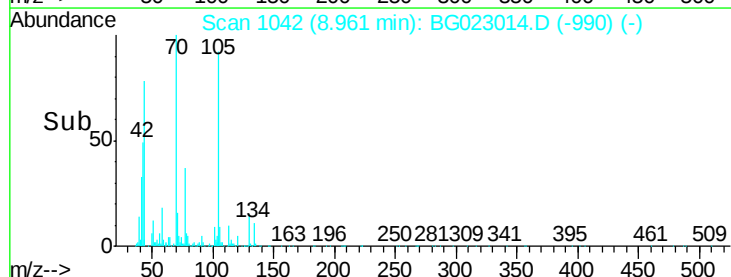
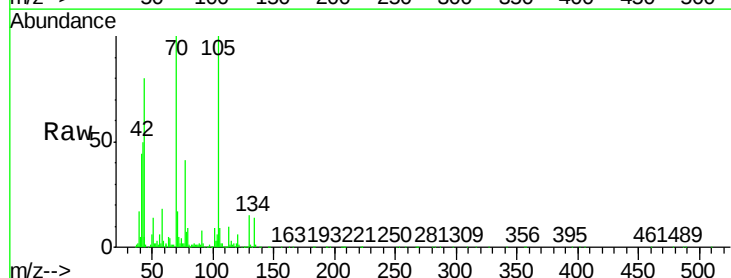
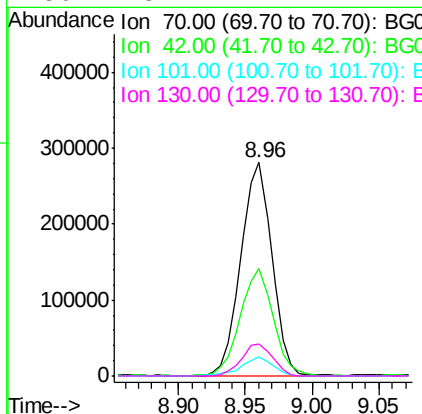
RT: 8.96 min Scan# 1042

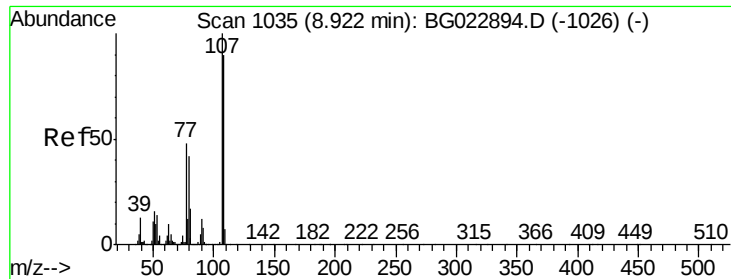
Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 50.4  | 42.1  | 63.1  |
| 101     | 8.9   | 7.2   | 10.8  |
| 130     | 15.2  | 14.2  | 21.2  |





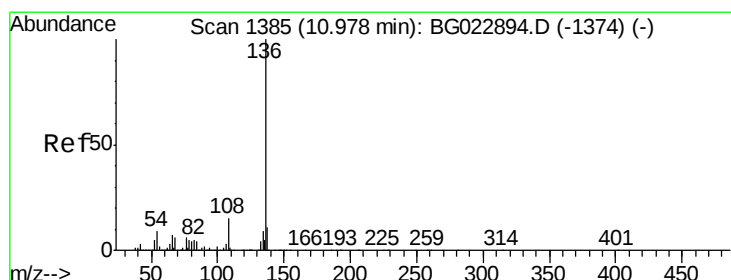
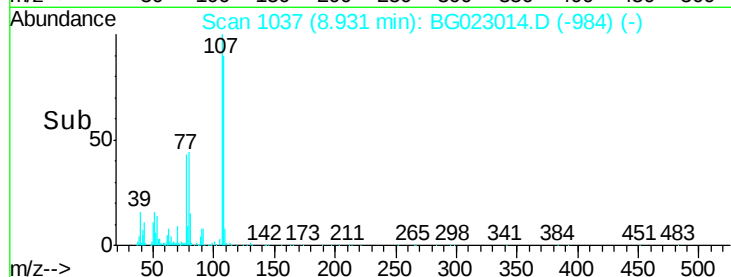
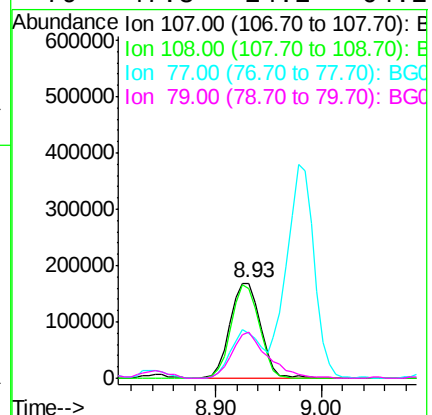
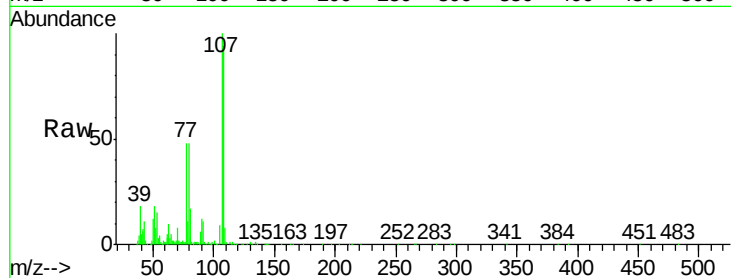
#20  
3+4-Methylphenols  
Concen: 32.32 ng  
RT: 8.93 min Scan# 1037  
Delta R.T. 0.01 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 93.9  | 72.5  | 112.5 |
| 77      | 47.6  | 30.1  | 70.1  |
| 79      | 47.8  | 24.2  | 64.2  |

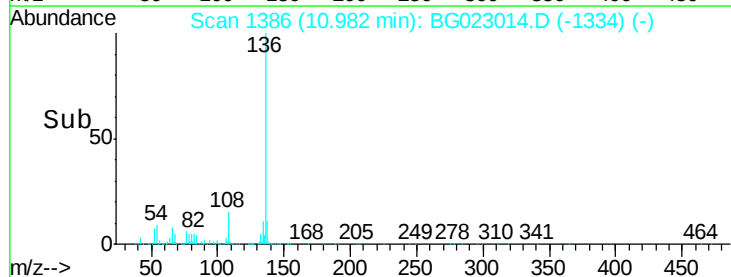
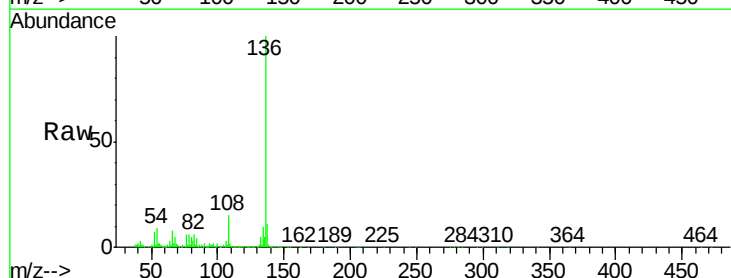
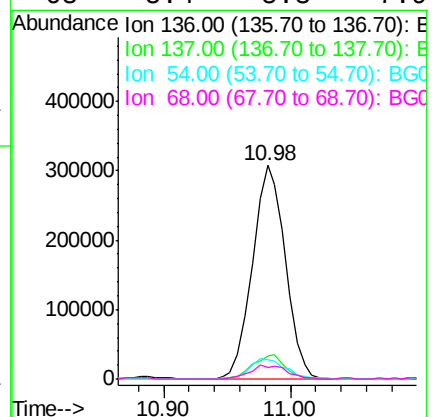
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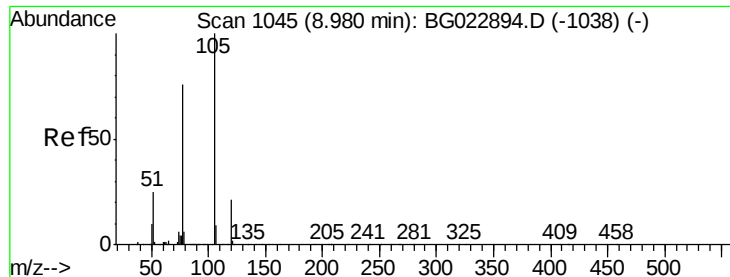
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#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.98 min Scan# 1386  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.5  | 9.6   | 14.4  |
| 54      | 9.3   | 7.3   | 10.9  |
| 68      | 5.4   | 5.3   | 7.9   |





#22

Acetophenone

Concen: 64.95 ng

RT: 8.98 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

ClientSampleId :

S22-0005MS

Tot Ion:105 Resp: 1077291

Ion Ratio Lower Upper

105 100

71 2.4 2.6 3.8#

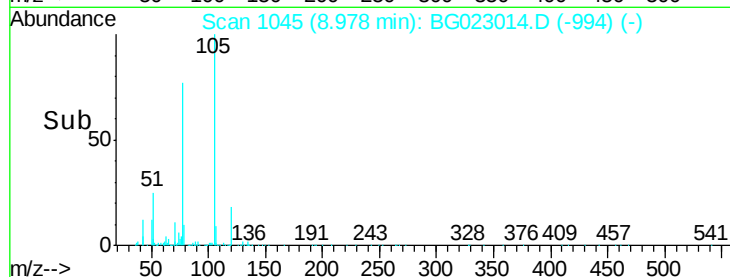
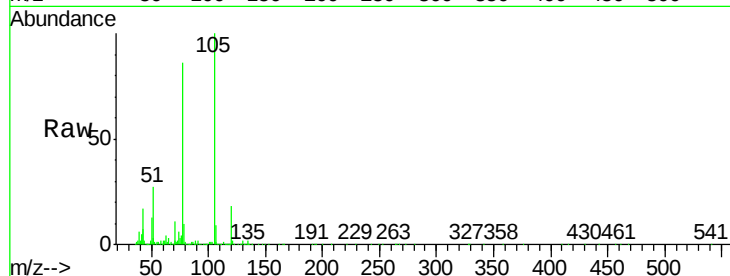
51 26.9 27.1 40.7#

120 17.9 15.1 22.7

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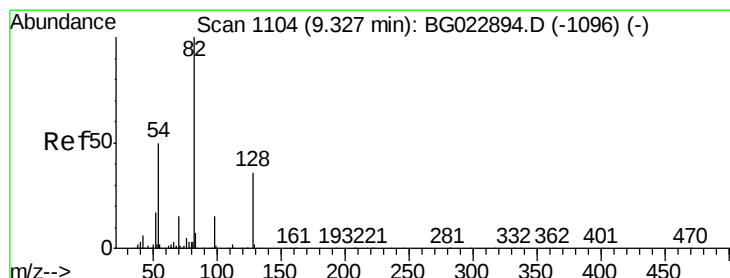
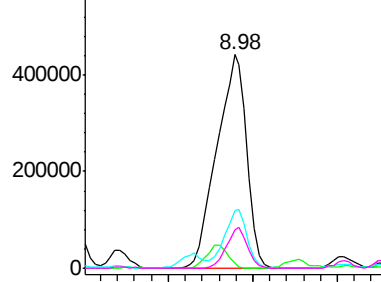


Abundance Ion 105.00 (104.70 to 105.70): E

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: 91.78 ng

RT: 9.33 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

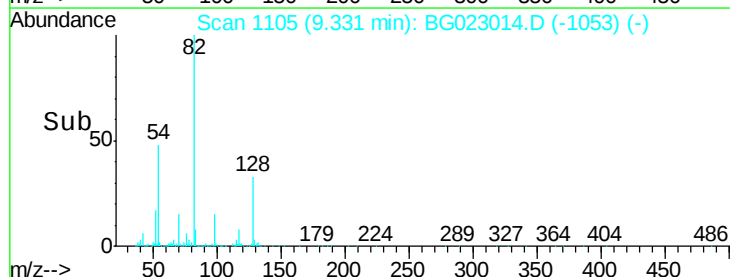
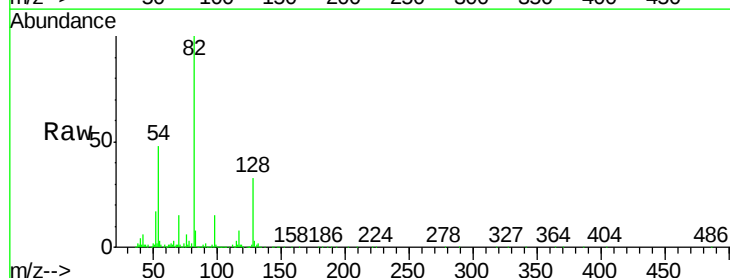
Tgt Ion: 82 Resp: 1184625

Ion Ratio Lower Upper

82 100

128 32.9 24.4 36.6

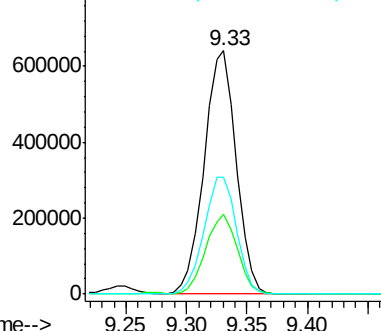
54 48.1 41.4 62.0

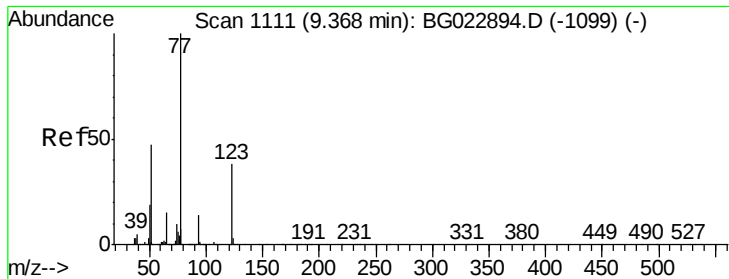


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 48.81 ng

RT: 9.37 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

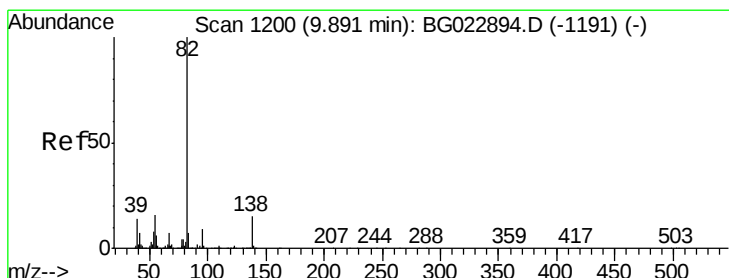
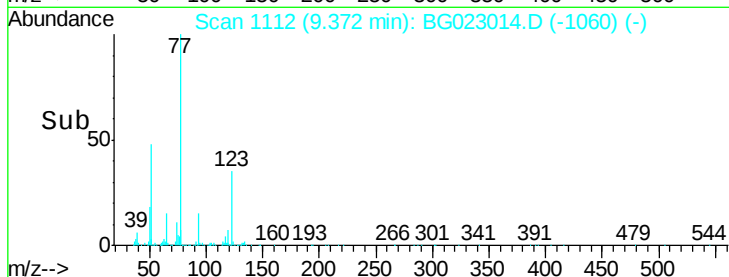
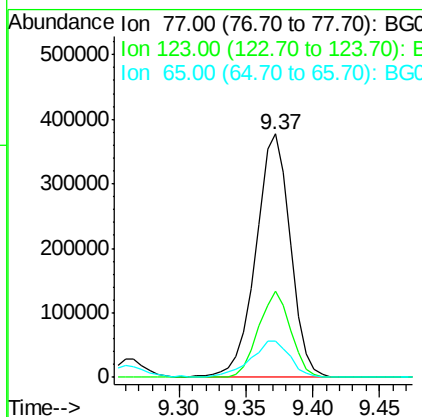
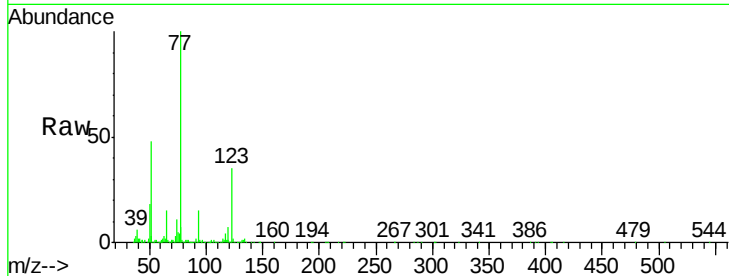
ClientSampleId :

S22-0005MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 669403 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 35.4  | 25.0  | 37.6   |
| 65       | 15.0  | 13.4  | 20.0   |

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#25

Isophorone

Concen: 45.54 ng

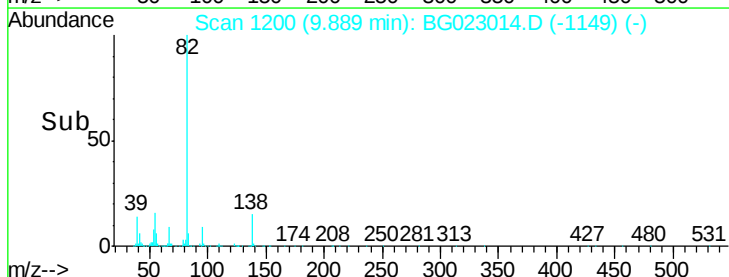
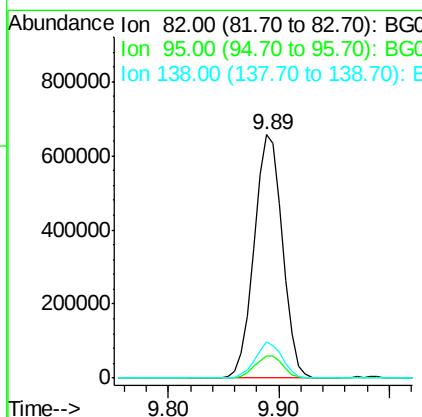
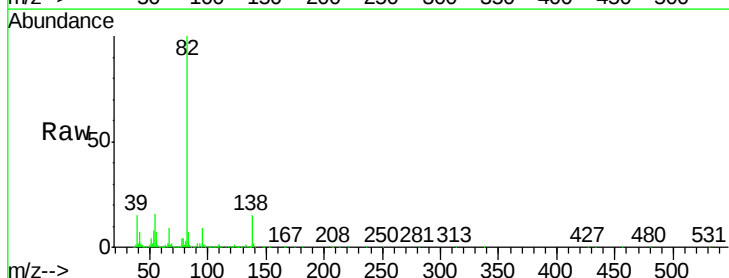
RT: 9.89 min Scan# 1200

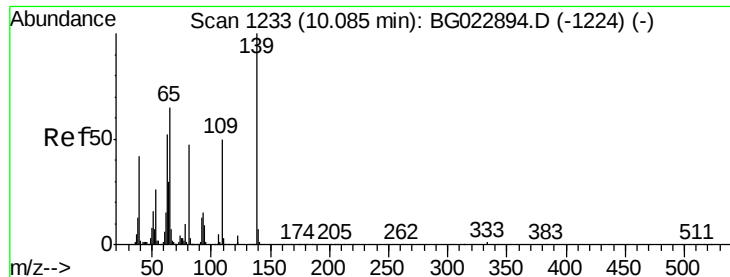
Delta R.T. -0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1182316 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 95       | 8.9   | 8.2   | 12.2    |
| 138      | 14.7  | 10.7  | 16.1    |





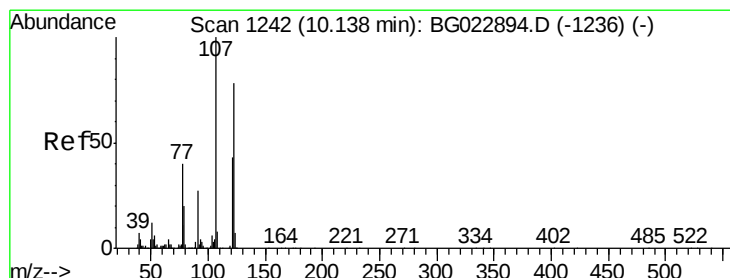
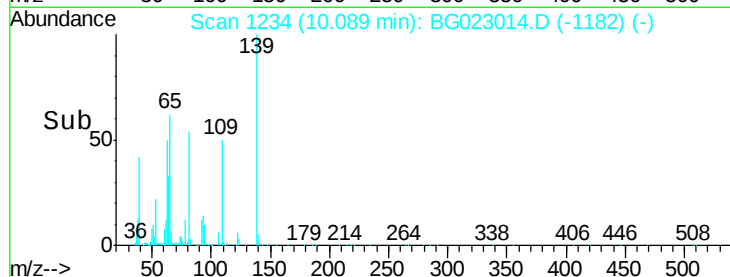
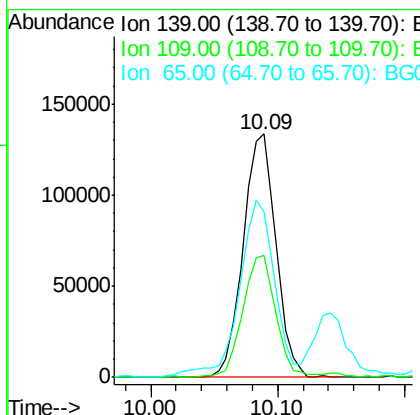
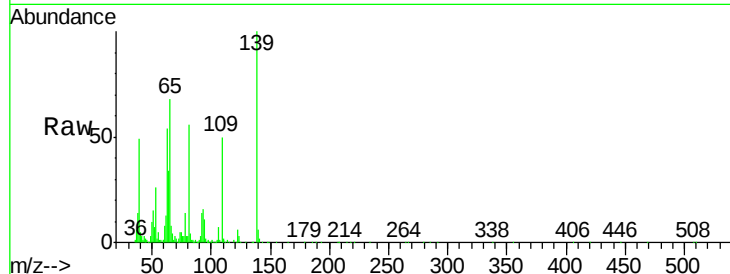
#26  
2-Nitrophenol  
Concen: 44.58 ng  
RT: 10.09 min Scan# 1234  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 50.2  | 43.5 | 65.3  |       |
| 65      | 67.9  | 64.3 | 96.5  |       |

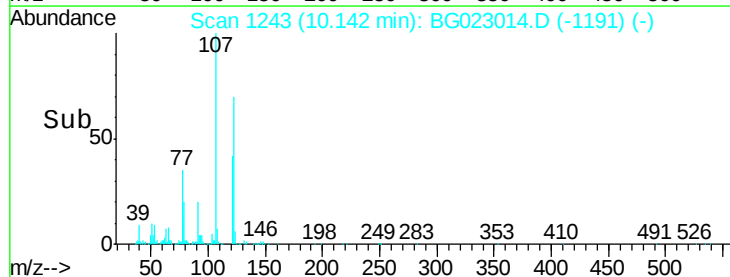
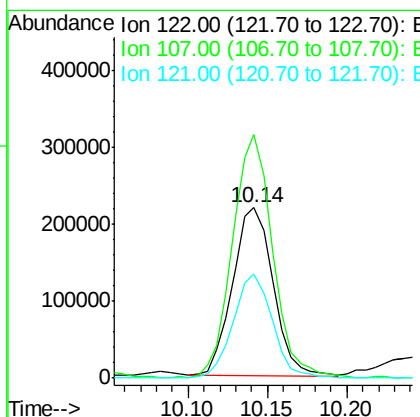
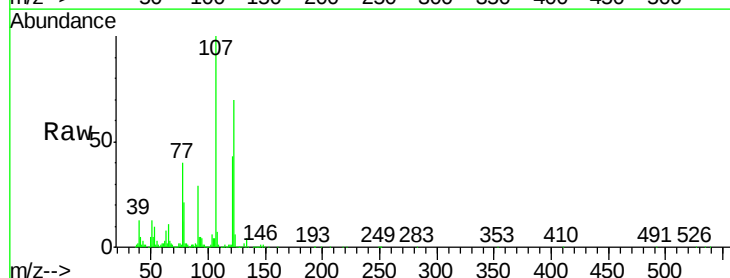
Manual Integrations  
APPROVED

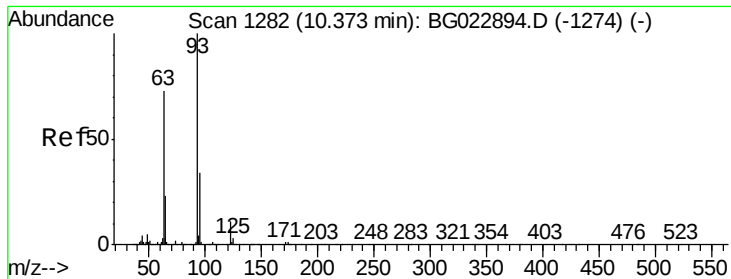
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#27  
2,4-Dimethylphenol  
Concen: 41.69 ng  
RT: 10.14 min Scan# 1243  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 107     | 143.0 | 117.0 | 175.4 |       |
| 121     | 61.1  | 50.1  | 75.1  |       |





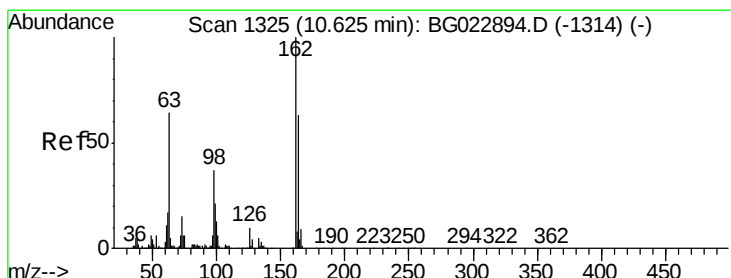
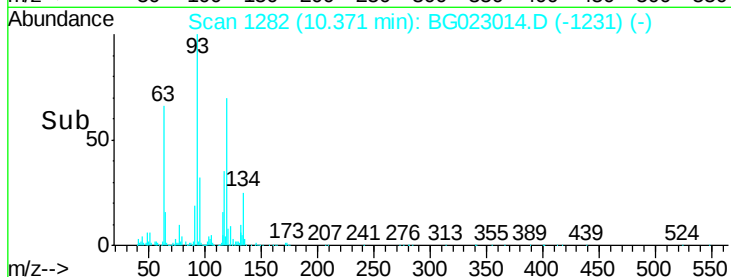
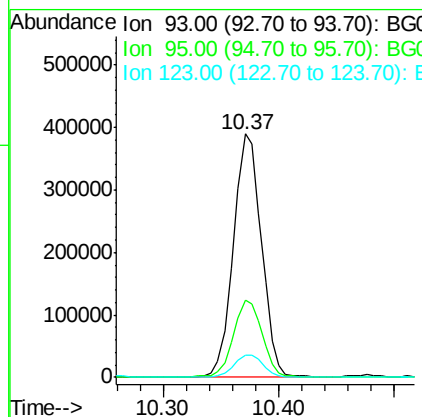
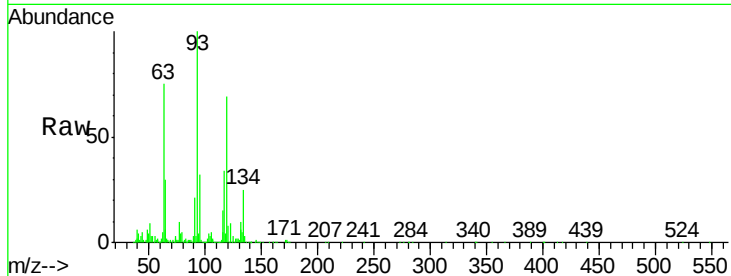
#28  
bis(2-Chloroethoxy)methane  
Concen: 45.06 ng  
RT: 10.37 min Scan# 1282  
Delta R.T. -0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.7  | 25.4  | 38.2  |
| 123     | 9.2   | 8.2   | 12.2  |

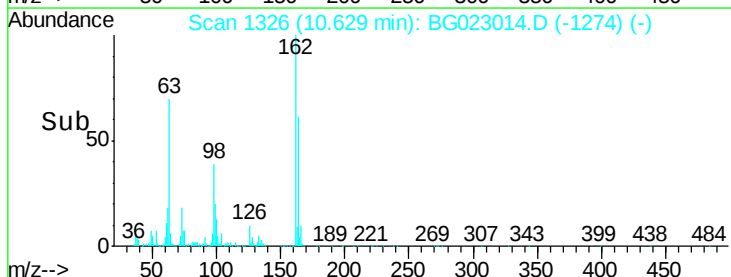
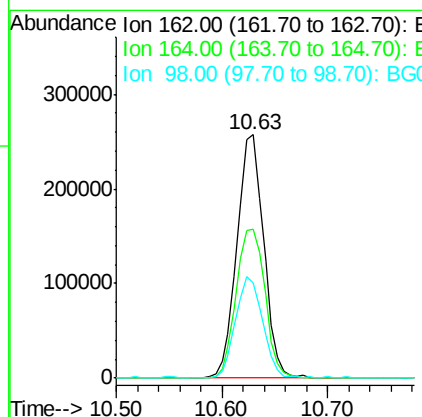
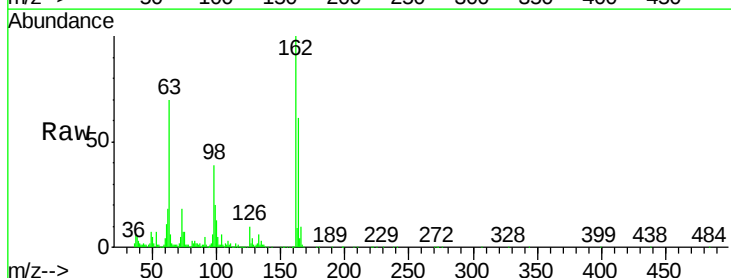
Manual Integrations  
APPROVED

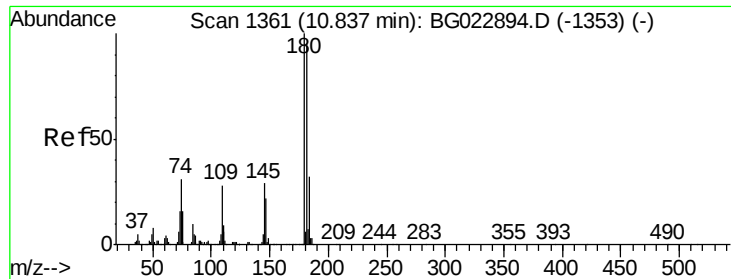
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#29  
2,4-Dichlorophenol  
Concen: 45.56 ng  
RT: 10.63 min Scan# 1326  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 61.3  | 44.3  | 84.3  |
| 98      | 39.3  | 19.5  | 59.5  |





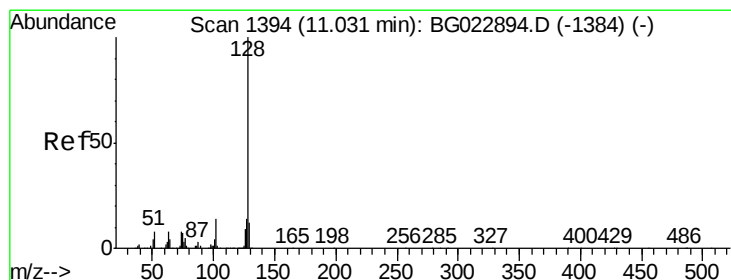
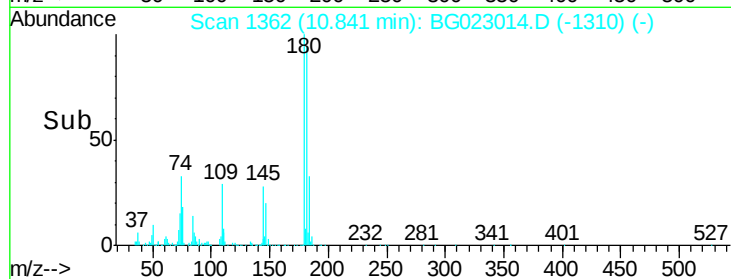
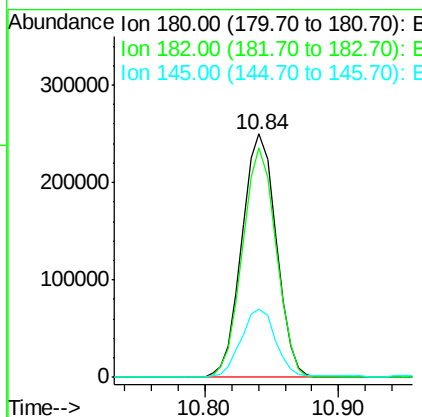
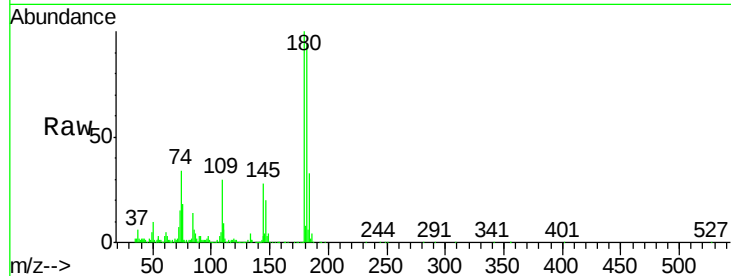
#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.05 ng  
 RT: 10.84 min Scan# 1362  
 Delta R.T. 0.00 min  
 Lab File: BG023014.D  
 Acq: 11 Jul 2016 23:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 73.8  | 110.8 |
| 145     | 28.2  | 24.4  | 36.6  |

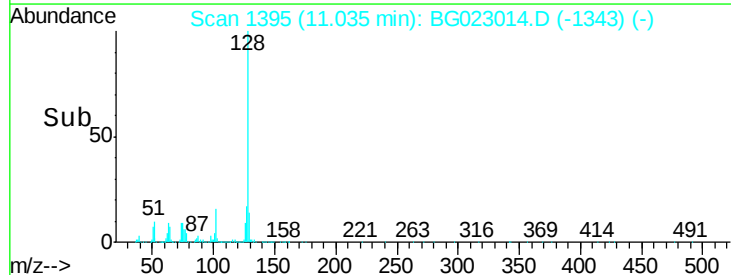
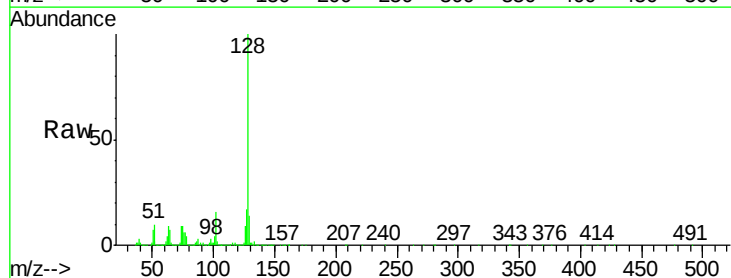
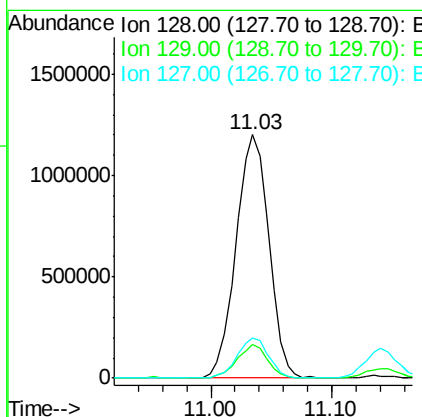
Manual Integrations  
 APPROVED

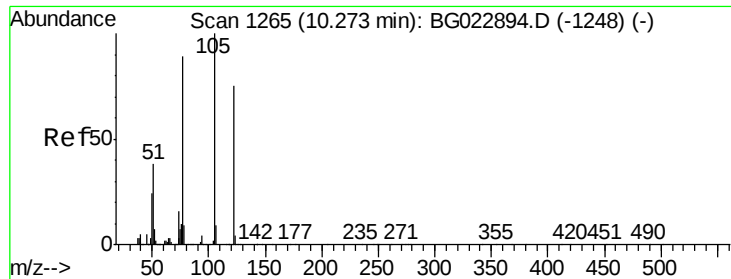
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#31  
 Naphthalene  
 Concen: 81.05 ng  
 RT: 11.03 min Scan# 1395  
 Delta R.T. 0.00 min  
 Lab File: BG023014.D  
 Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 13.8  | 9.4   | 14.0  |
| 127     | 16.7  | 11.3  | 16.9  |





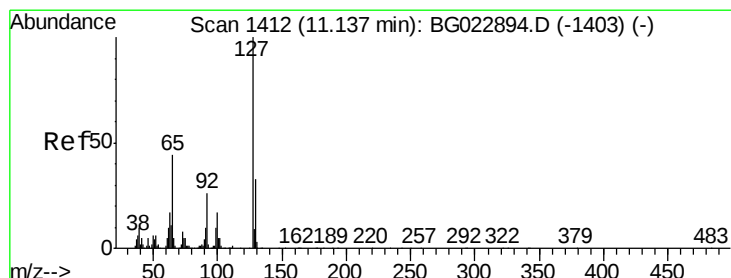
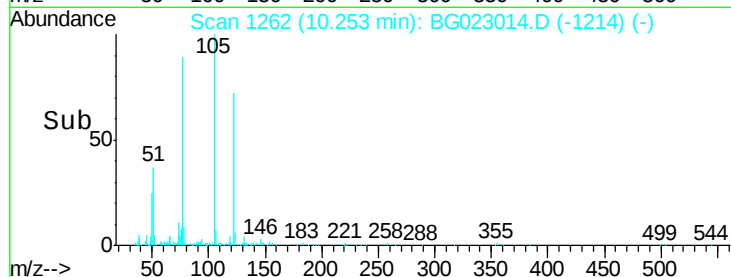
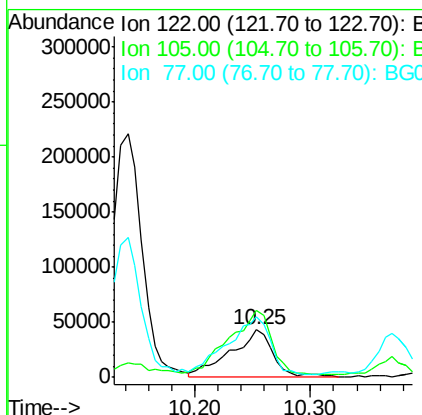
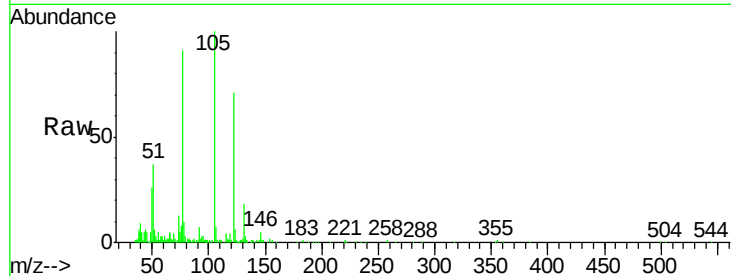
#32  
Benzoic acid  
Concen: 12.56 ng  
RT: 10.25 min Scan# 1262  
Delta R.T. -0.02 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 140.5 | 117.2 | 157.2 |
| 77      | 127.4 | 109.2 | 149.2 |

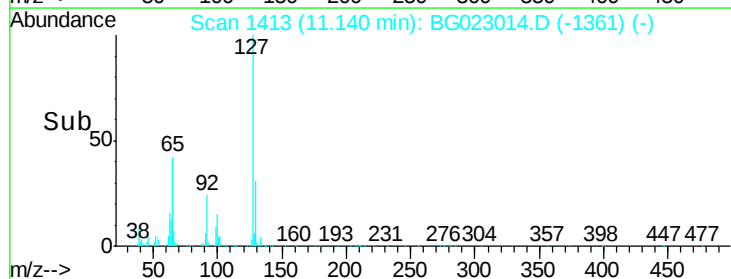
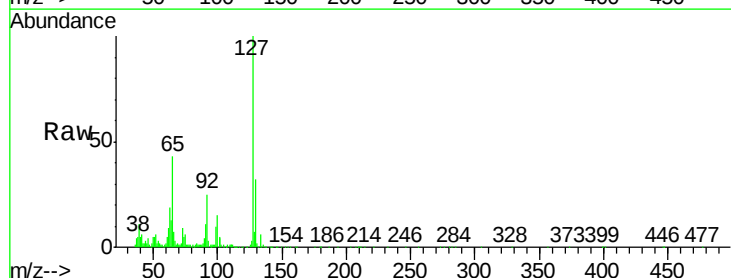
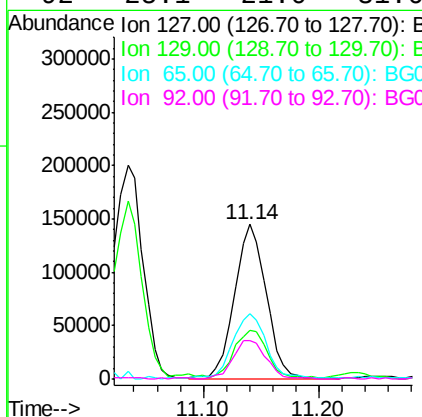
Manual Integrations  
APPROVED

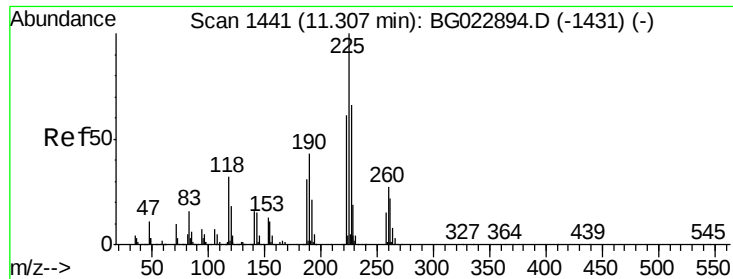
sohil  
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#33  
4-Chloroaniline  
Concen: 19.95 ng  
RT: 11.14 min Scan# 1413  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.6  | 27.9  | 41.9  |
| 65      | 42.5  | 36.8  | 55.2  |
| 92      | 25.1  | 21.0  | 31.6  |





#34

Hexachlorobutadiene

Concen: 34.56 ng

RT: 11.31 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

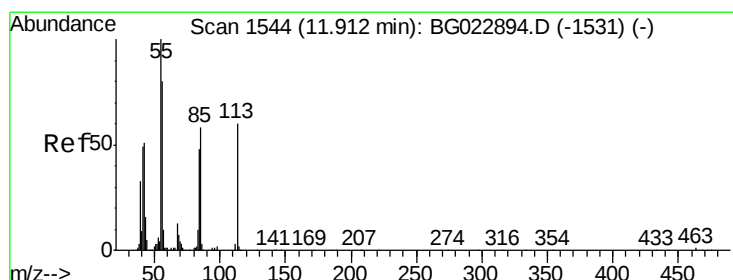
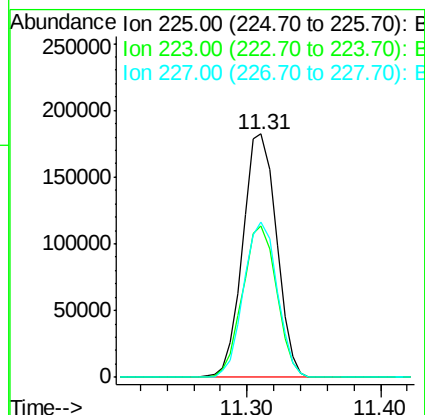
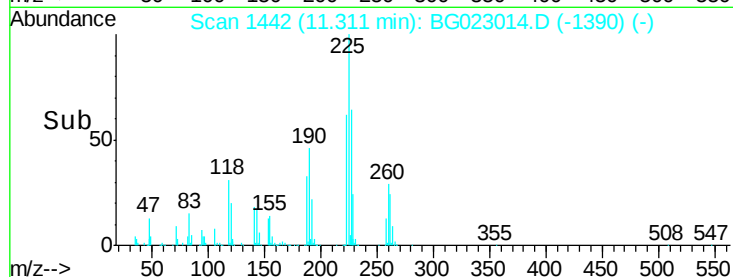
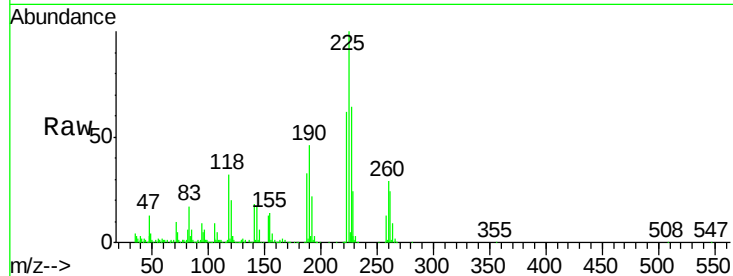
ClientSampled :

S22-0005MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 225   | Resp: | 318555 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.1  | 49.6  | 74.4   |
| 227       | 63.9  | 54.5  | 81.7   |

Manual Integrations  
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#35

Caprolactam

Concen: 10.08 ng m

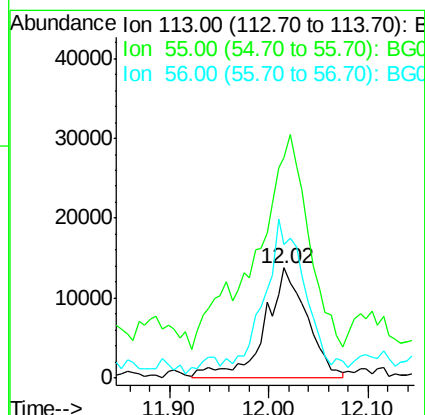
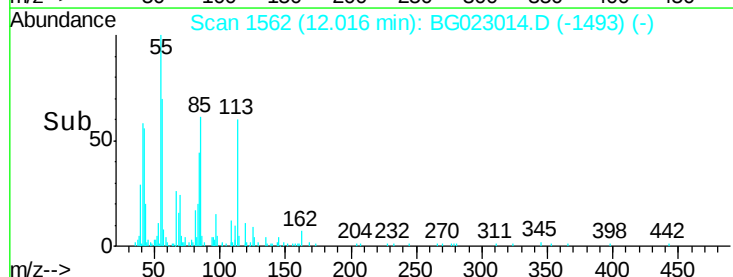
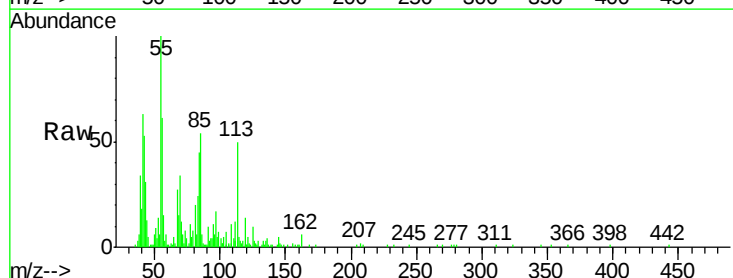
RT: 12.02 min Scan# 1562

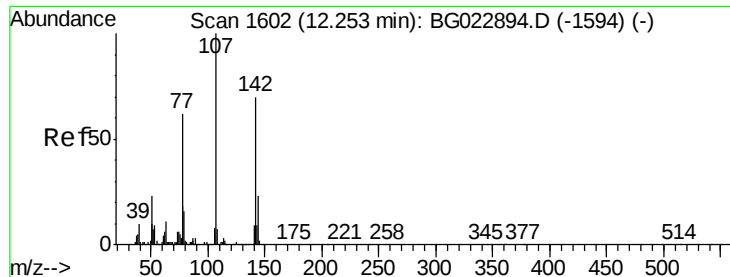
Delta R.T. 0.10 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 41154  |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 200.8 | 154.5 | 194.5# |
| 56        | 121.5 | 125.1 | 165.1# |





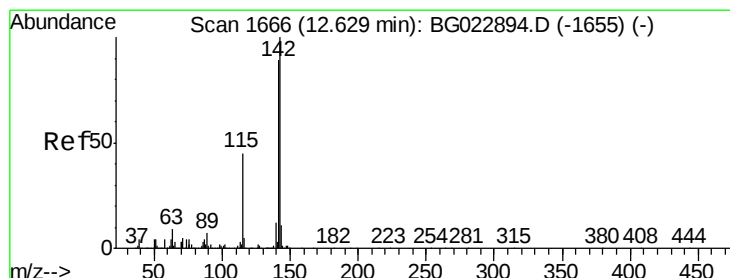
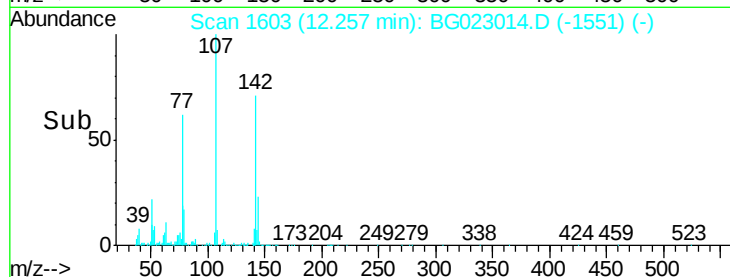
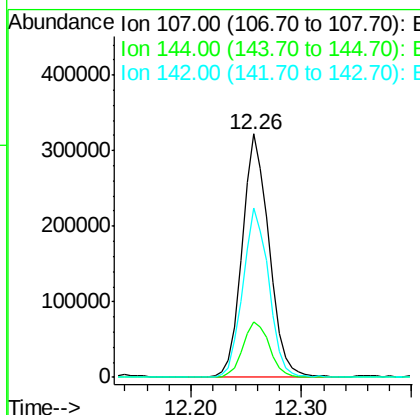
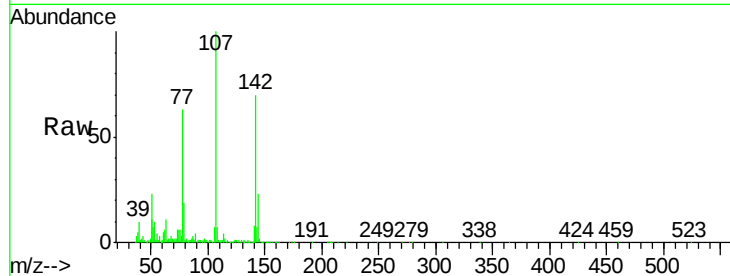
#36  
4-Chloro-3-methylphenol  
Concen: 40.52 ng  
RT: 12.26 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 22.5  | 17.0  | 25.6  |
| 142     | 69.7  | 53.0  | 79.6  |

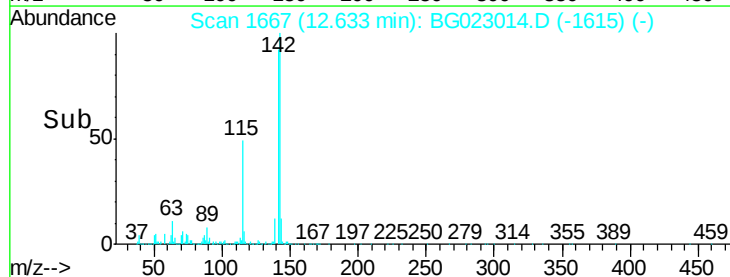
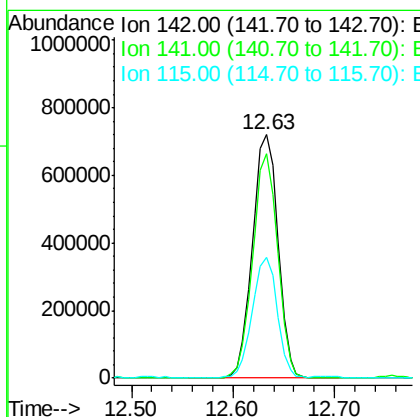
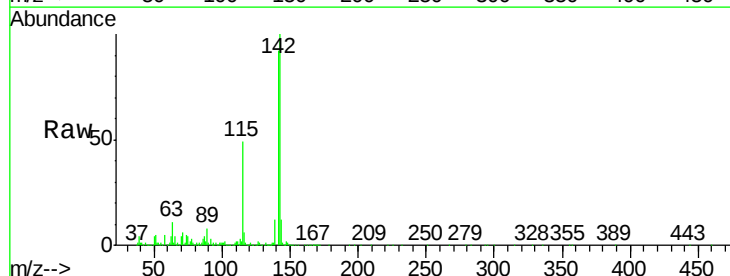
Manual Integrations  
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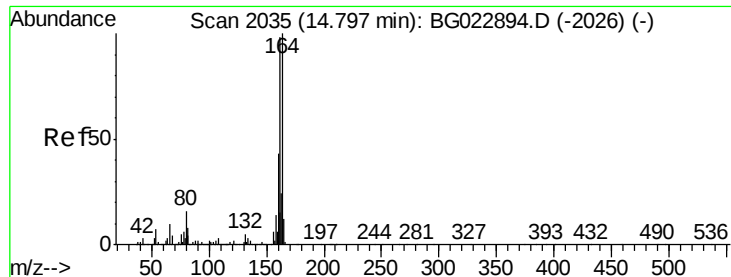
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#37  
2-Methylnaphthalene  
Concen: 56.79 ng  
RT: 12.63 min Scan# 1667  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.9  | 70.2  | 105.2 |
| 115     | 49.3  | 41.7  | 62.5  |





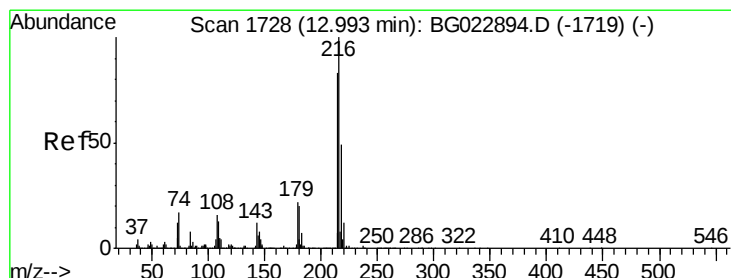
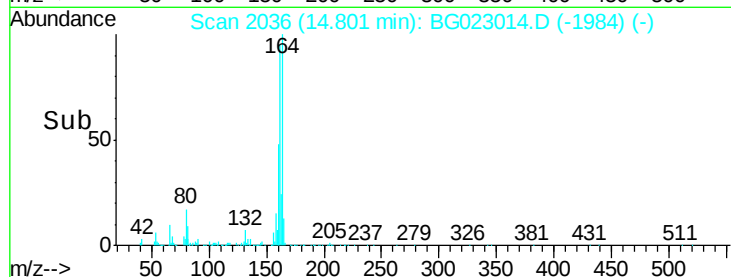
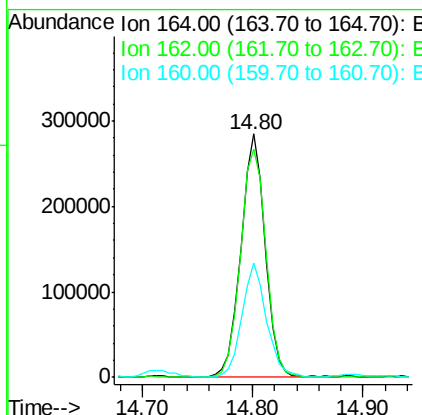
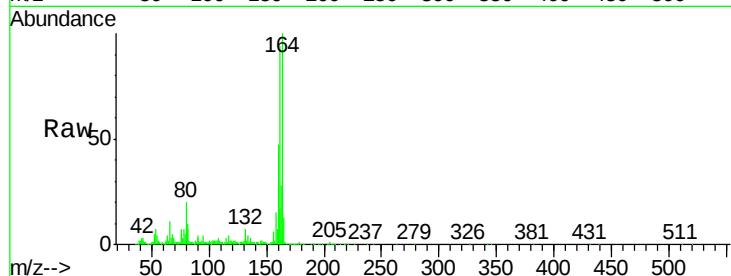
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.80 min Scan# 2036  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 93.5  | 87.7  | 131.5 |
| 160     | 47.1  | 37.2  | 55.8  |

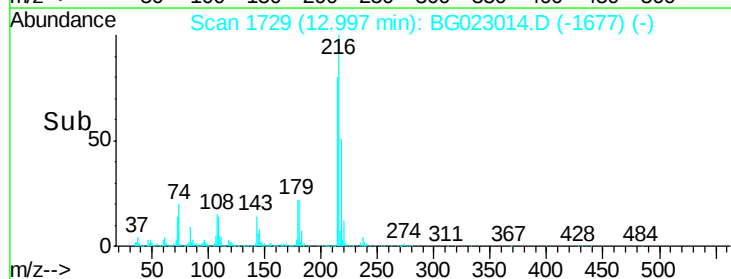
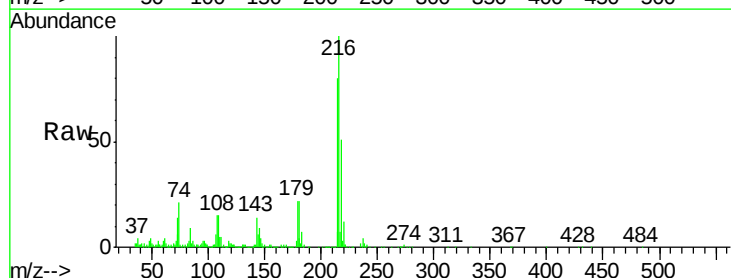
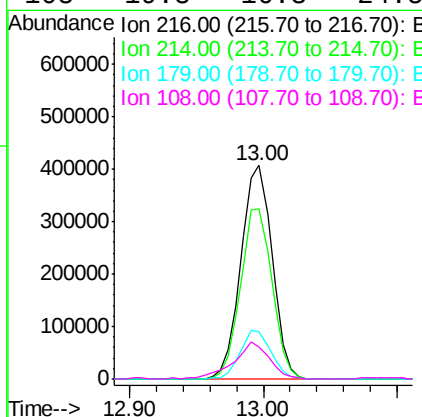
Manual Integrations  
APPROVED

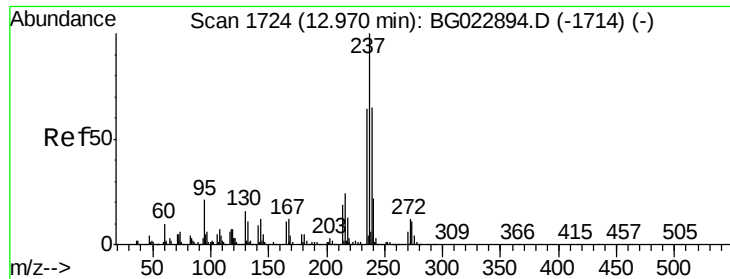
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#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 34.95 ng  
RT: 13.00 min Scan# 1729  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 80.6  | 62.9  | 94.3  |
| 179     | 22.4  | 17.2  | 25.8  |
| 108     | 19.8  | 16.3  | 24.5  |





#40

Hexachlorocyclopentadiene

Concen: 63.76 ng

RT: 12.97 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

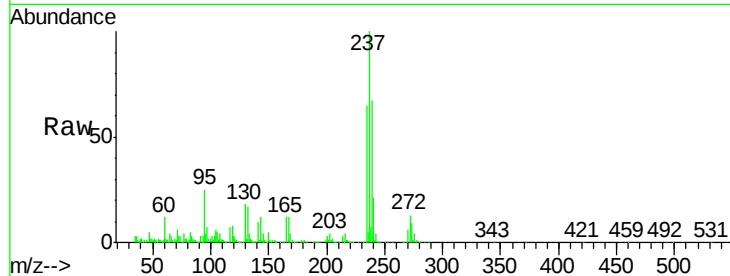
ClientSampled :

S22-0005MS

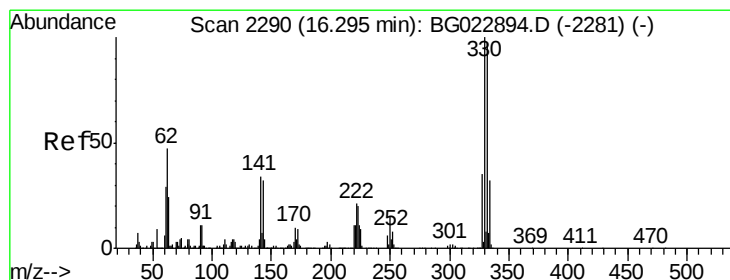
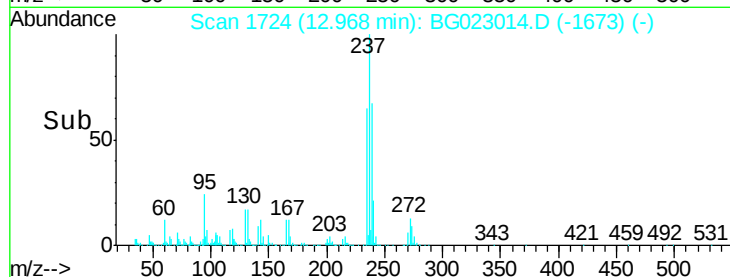
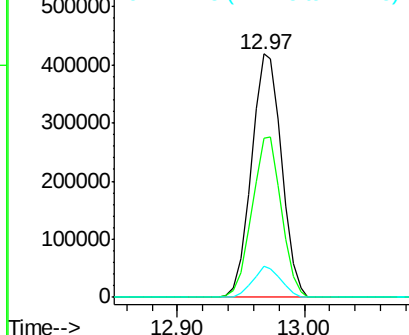
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 690203 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 65.3  | 43.1  | 83.1   |
| 272       | 12.5  | 0.0   | 30.9   |

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



#41

2,4,6-Tribromophenol

Concen: 105.17 ng

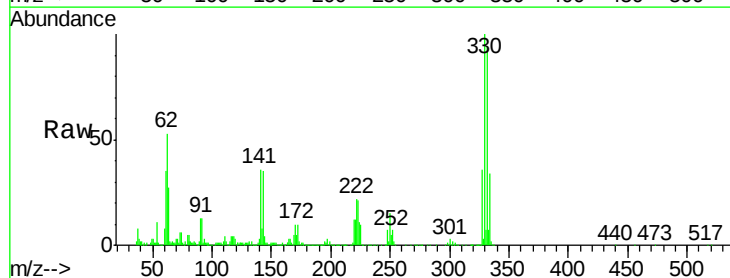
RT: 16.30 min Scan# 2291

Delta R.T. 0.00 min

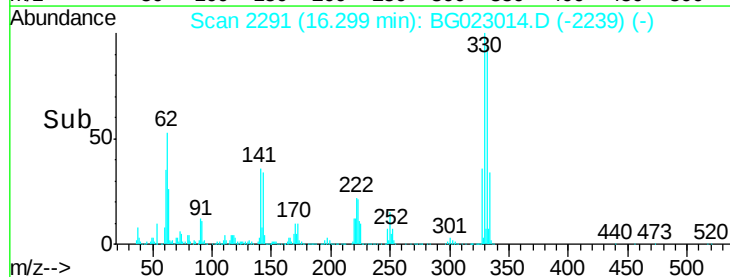
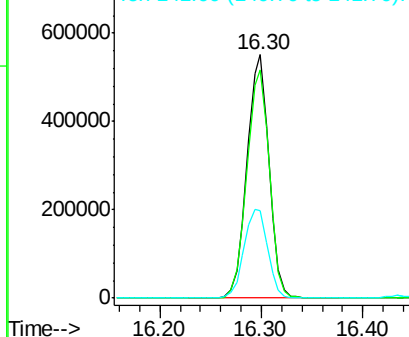
Lab File: BG023014.D

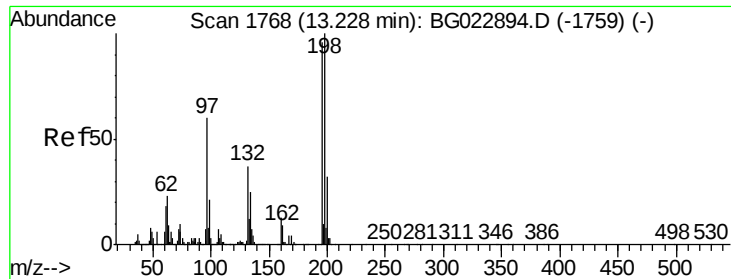
Acq: 11 Jul 2016 23:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 824746 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.5  | 77.4  | 116.2  |
| 141       | 38.9  | 31.7  | 47.5   |



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: 43.38 ng

RT: 13.24 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

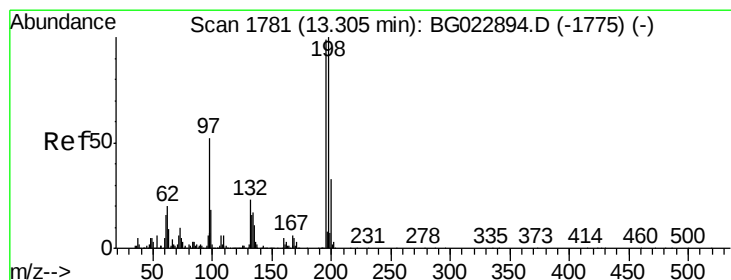
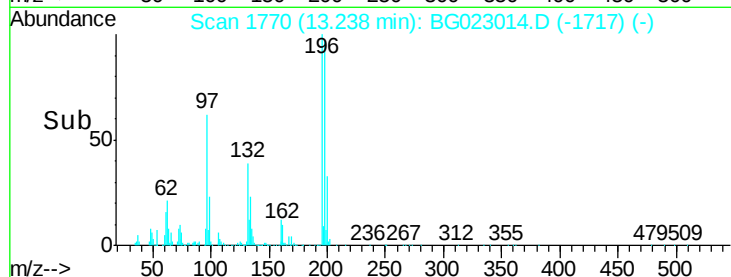
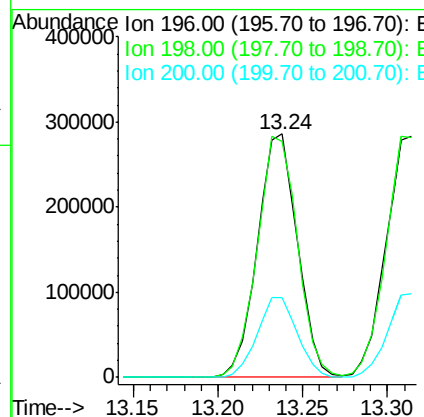
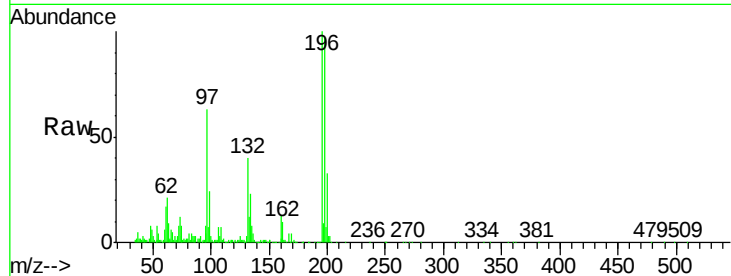
ClientSampleId :

S22-0005MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 468768 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.8  | 78.2  | 117.2  |
| 200       | 33.0  | 27.0  | 40.4   |

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#43

2,4,5-Trichlorophenol

Concen: 43.90 ng

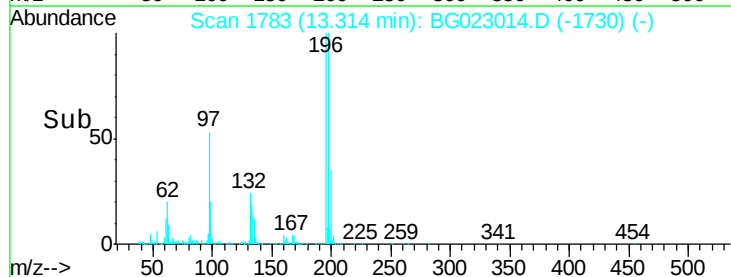
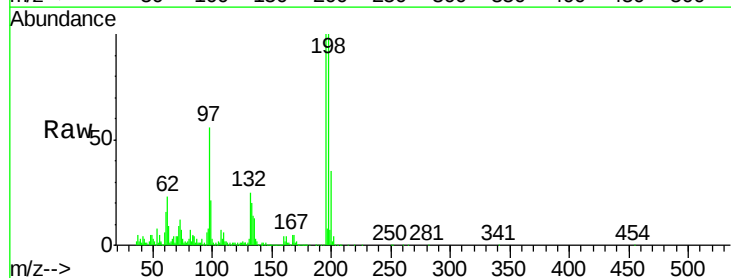
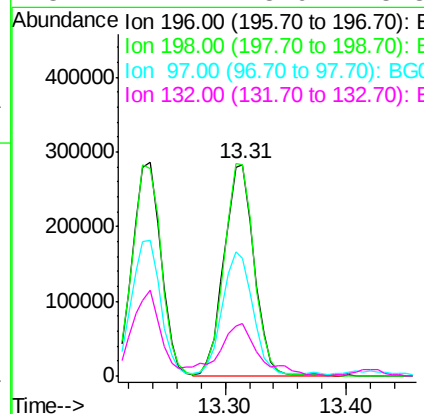
RT: 13.31 min Scan# 1783

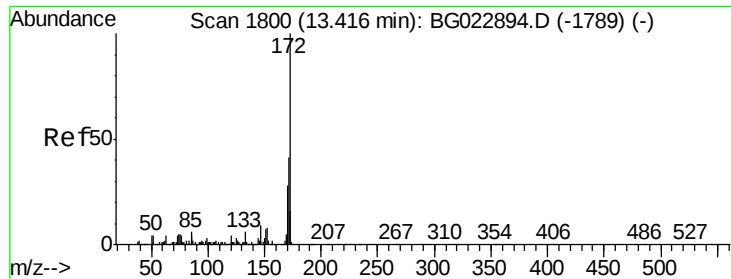
Delta R.T. 0.01 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 487192 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 99.8  | 85.7  | 128.5  |
| 97        | 55.7  | 45.5  | 68.3   |
| 132       | 24.7  | 18.9  | 28.3   |





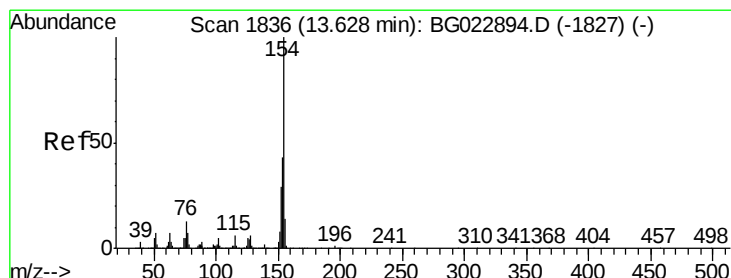
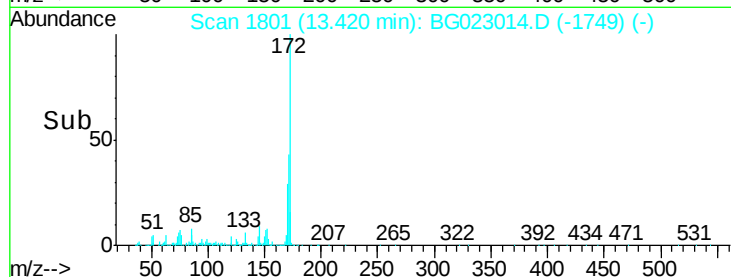
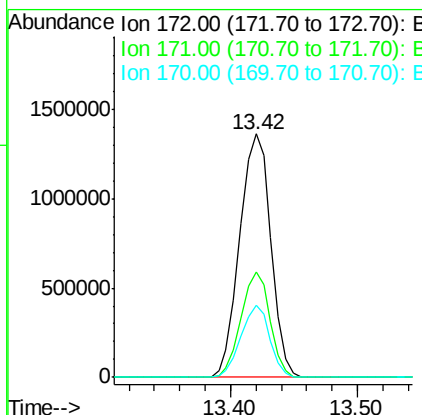
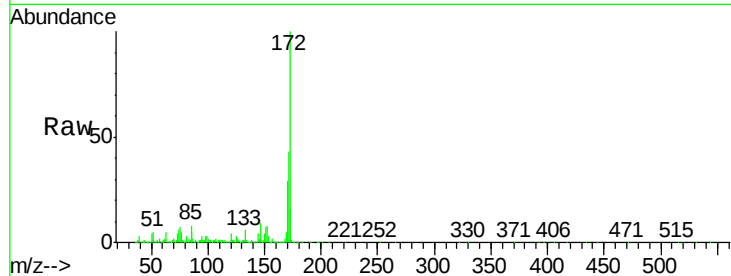
#44  
 2-Fluorobiphenyl  
 Concen: 83.57 ng  
 RT: 13.42 min Scan# 1801  
 Delta R.T. 0.00 min  
 Lab File: BG023014.D  
 Acq: 11 Jul 2016 23:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 43.3  | 31.6  | 47.4  |
| 170     | 29.4  | 21.3  | 31.9  |

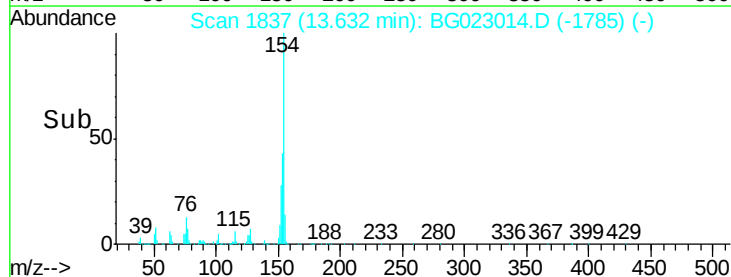
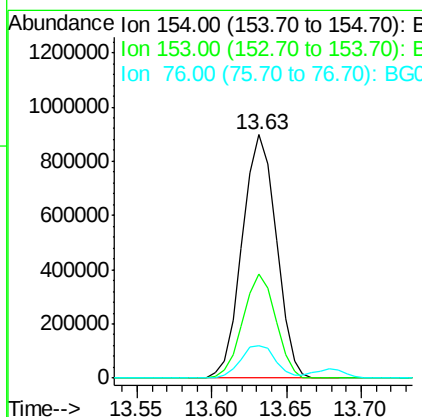
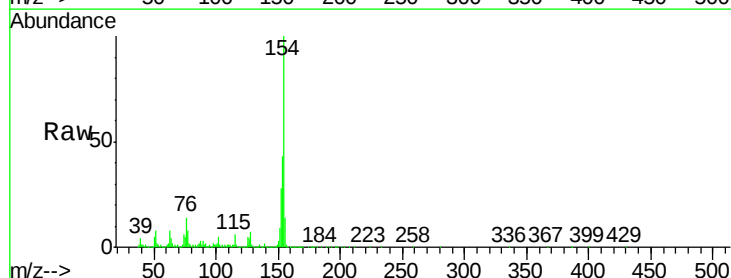
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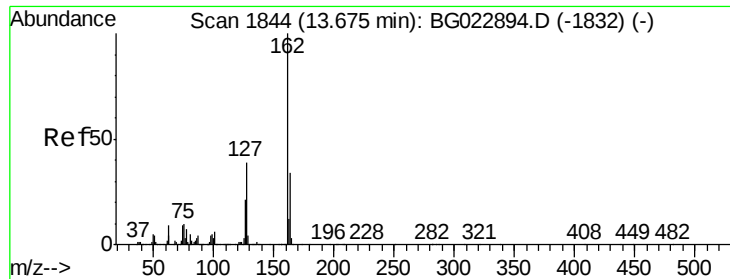
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#45  
 1,1'-Biphenyl  
 Concen: 43.47 ng  
 RT: 13.63 min Scan# 1837  
 Delta R.T. 0.00 min  
 Lab File: BG023014.D  
 Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.8  | 20.2  | 60.2  |
| 76      | 13.5  | 0.0   | 32.9  |





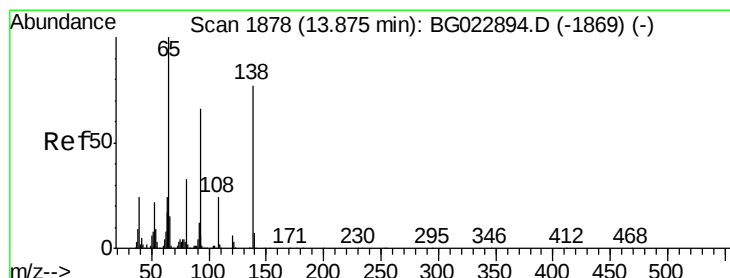
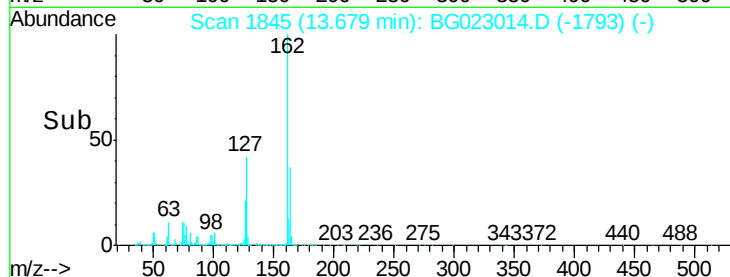
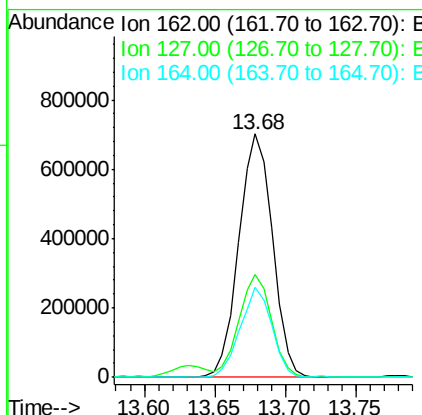
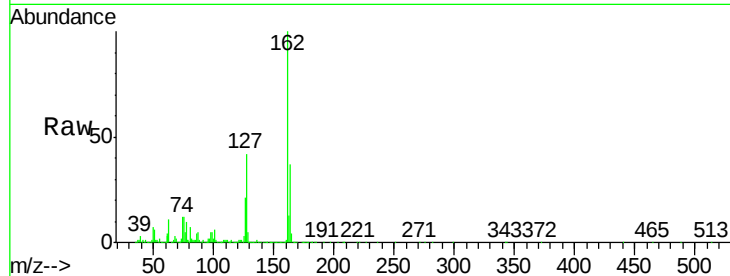
#46  
2-Chloronaphthalene  
Concen: 44.14 ng  
RT: 13.68 min Scan# 1845  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.1  | 32.4  | 48.6  |
| 164     | 36.8  | 25.2  | 37.8  |

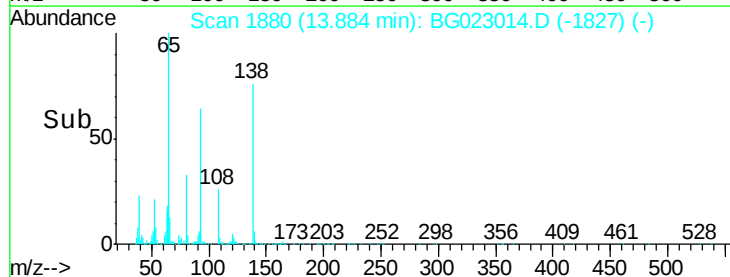
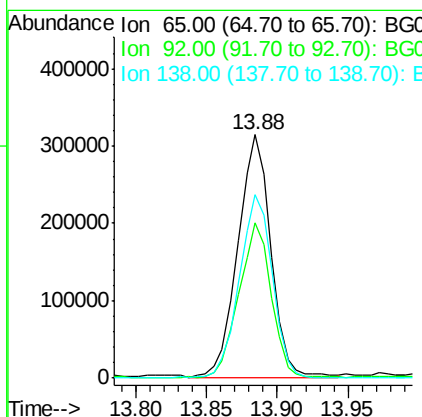
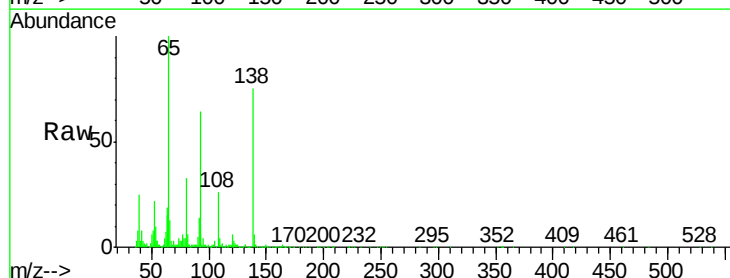
Manual Integrations  
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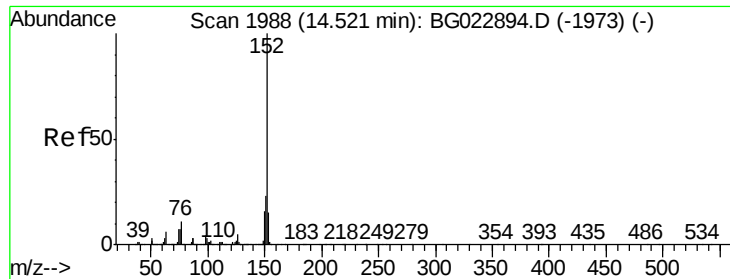
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#47  
2-Nitroaniline  
Concen: 44.91 ng  
RT: 13.88 min Scan# 1880  
Delta R.T. 0.01 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 63.8  | 49.4  | 74.0  |
| 138     | 75.5  | 58.0  | 87.0  |





#48

Acenaphthylene

Concen: 42.56 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

ClientSampleId :

S22-0005MS

Tot Ion:152 Resp: 1695309

Ion Ratio Lower Upper

152 100

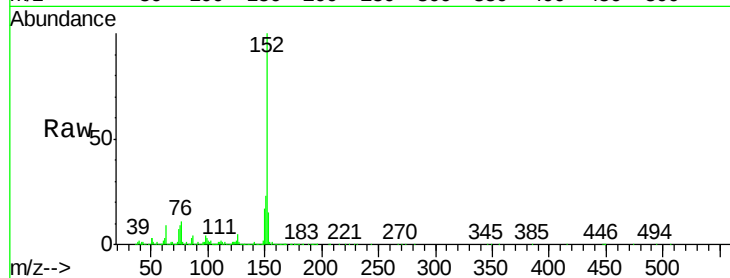
151 23.3 17.6 26.4

153 14.8 11.4 17.2

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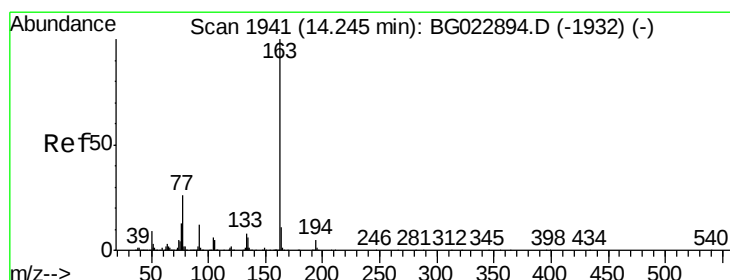
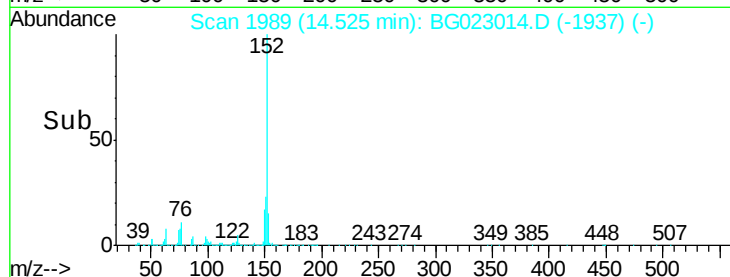
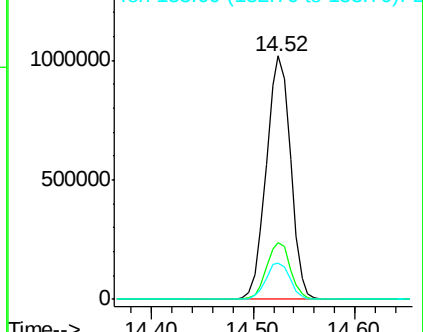
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 45.80 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

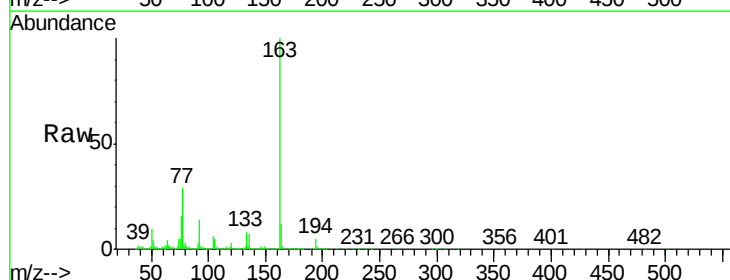
Tgt Ion:163 Resp: 1632303

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

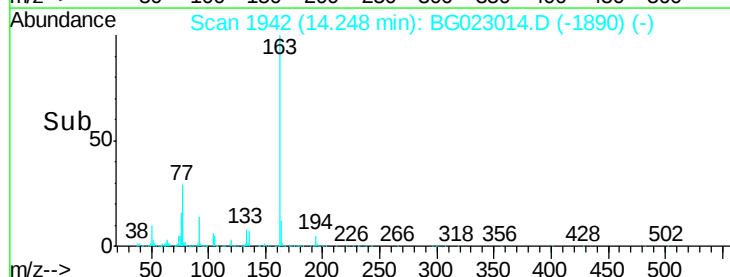
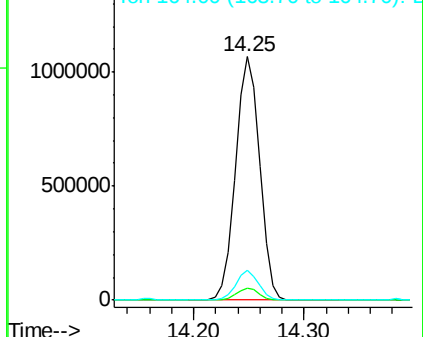
164 12.2 8.1 12.1#

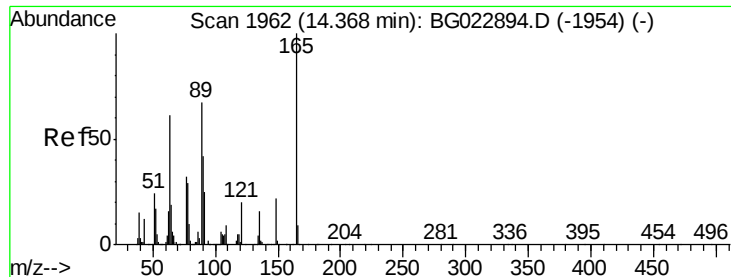


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





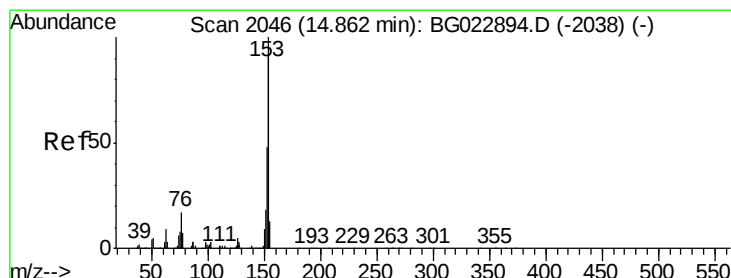
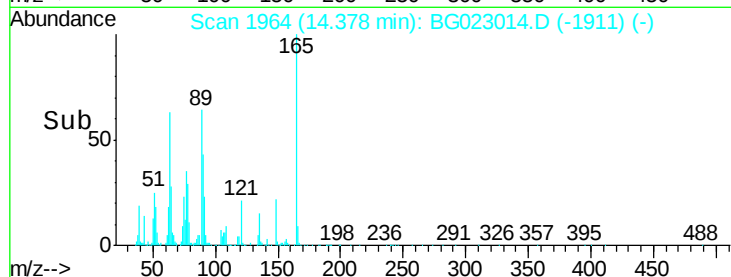
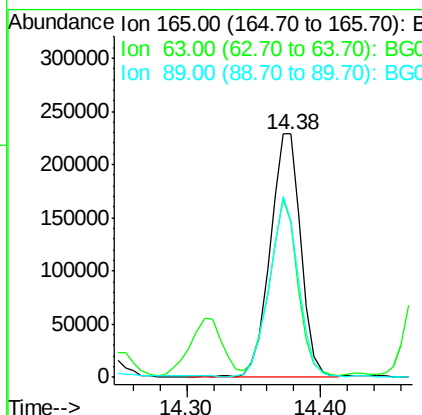
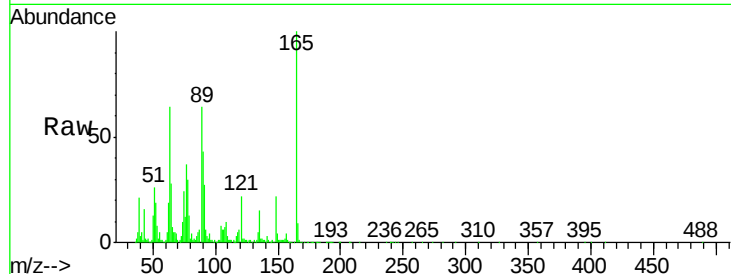
#50  
2,6-Dinitrotoluene  
Concen: 45.56 ng  
RT: 14.38 min Scan# 1964  
Delta R.T. 0.01 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 63.9  | 64.3  | 96.5# |
| 89      | 64.4  | 64.3  | 96.5  |

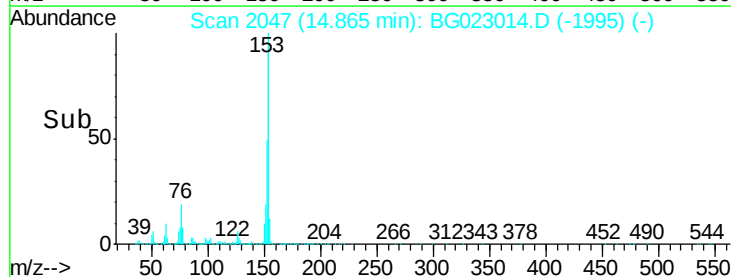
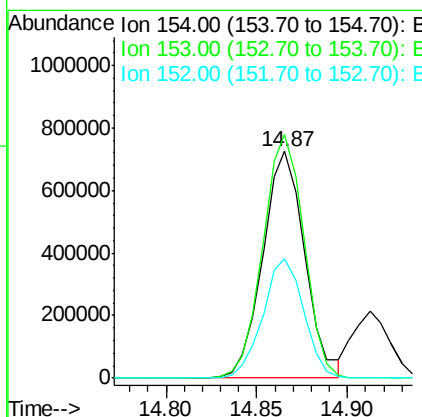
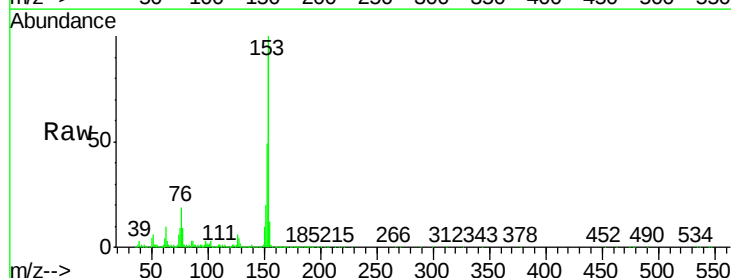
Manual Integrations  
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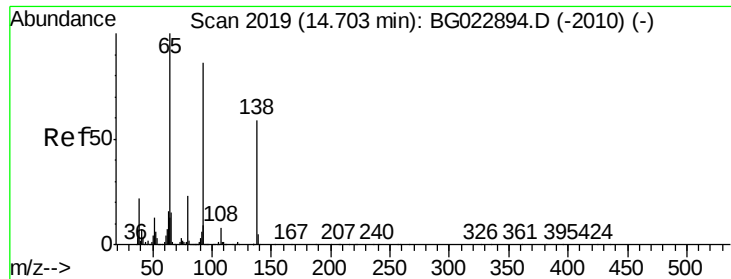
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#51  
Acenaphthene  
Concen: 44.67 ng  
RT: 14.87 min Scan# 2047  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 107.5 | 87.5  | 131.3 |
| 152     | 52.9  | 42.7  | 64.1  |





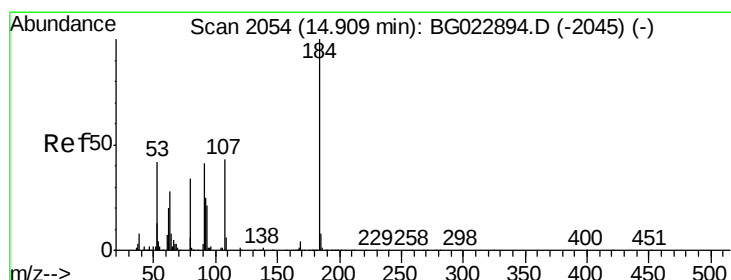
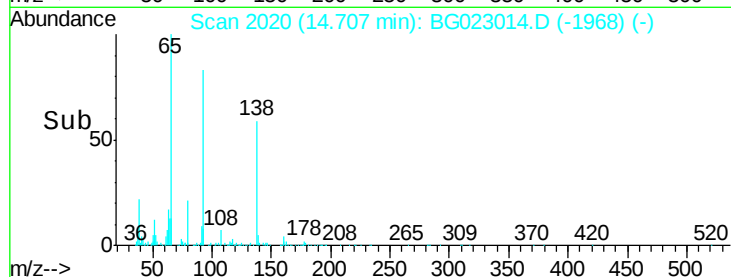
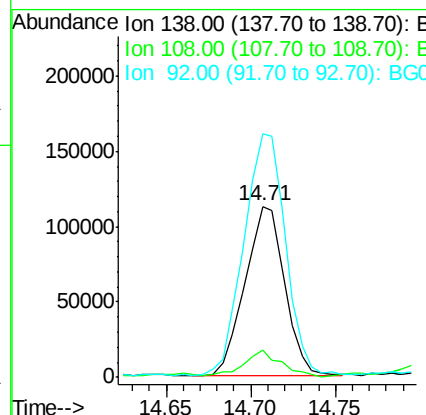
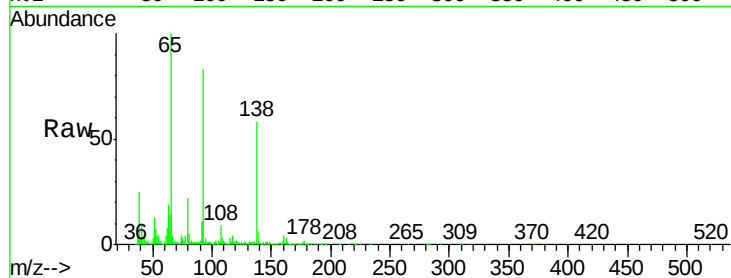
#52  
3-Nitroaniline  
Concen: 23.21 ng  
RT: 14.71 min Scan# 2020  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 15.9  | 11.7  | 17.5  |
| 92      | 142.5 | 129.7 | 194.5 |

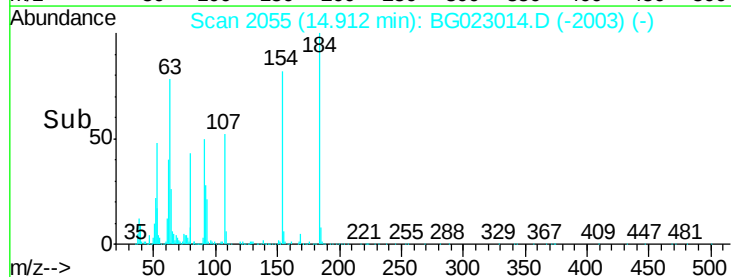
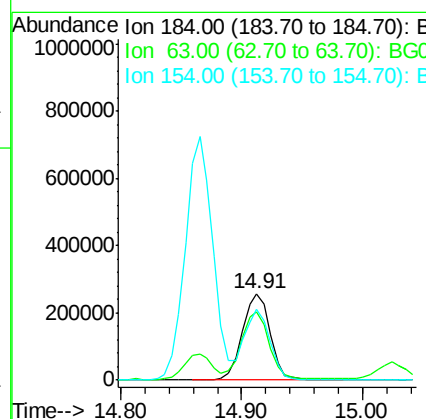
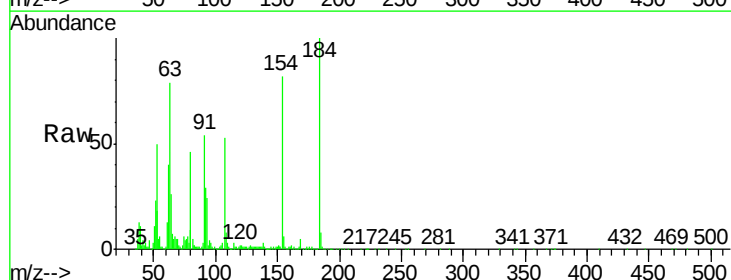
Manual Integrations  
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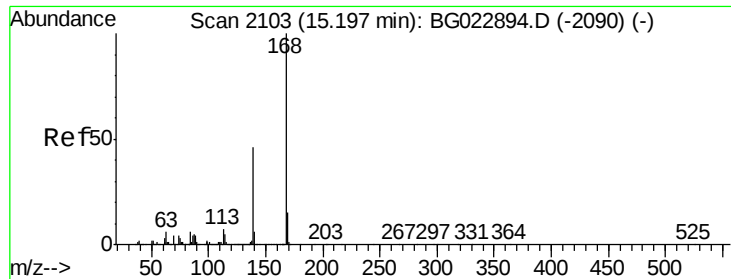
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#53  
2,4-Dinitrophenol  
Concen: 75.23 ng  
RT: 14.91 min Scan# 2055  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 78.8  | 59.6  | 89.4  |
| 154     | 82.3  | 67.4  | 101.0 |





#54

Dibenzenofuran

Concen: 45.89 ng

RT: 15.20 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

ClientSampleId :

S22-0005MS

Tot Ion:168 Resp: 1788038

Ion Ratio Lower Upper

168 100

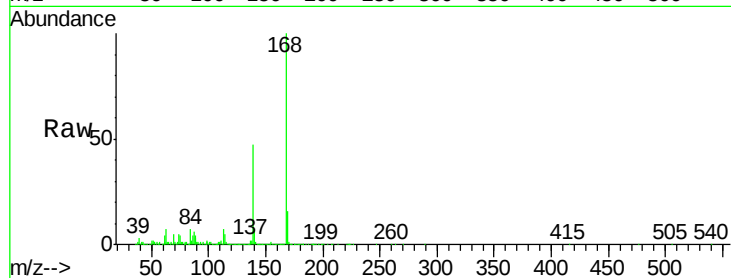
139 46.7 36.4 54.6

169 15.7 11.9 17.9

Manual Integrations  
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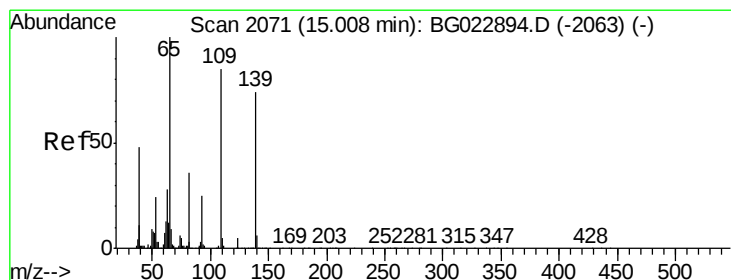
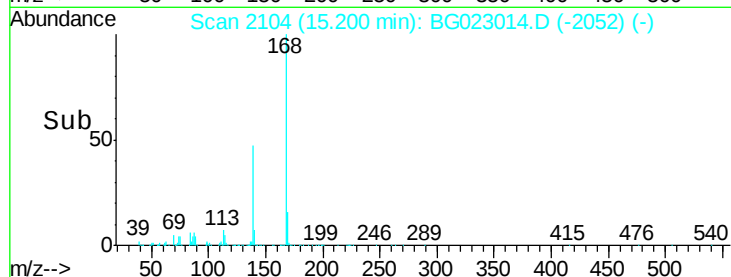
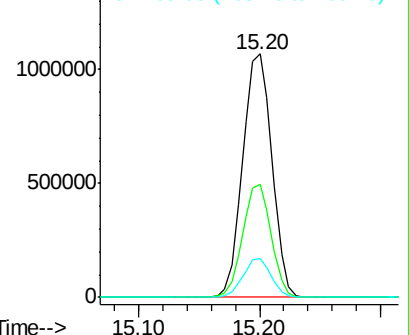
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 30.29 ng

RT: 15.02 min Scan# 2074

Delta R.T. 0.02 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

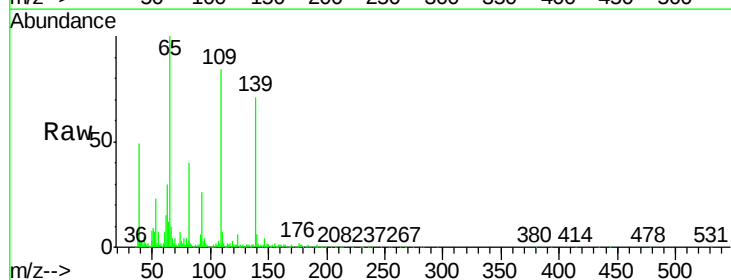
Tgt Ion:139 Resp: 202814

Ion Ratio Lower Upper

139 100

109 118.3 103.0 143.0

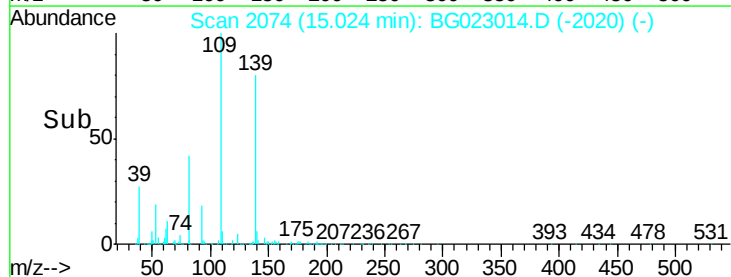
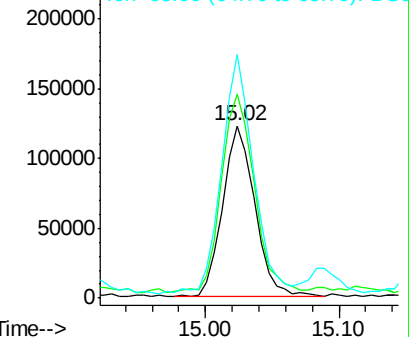
65 141.6 112.7 152.7

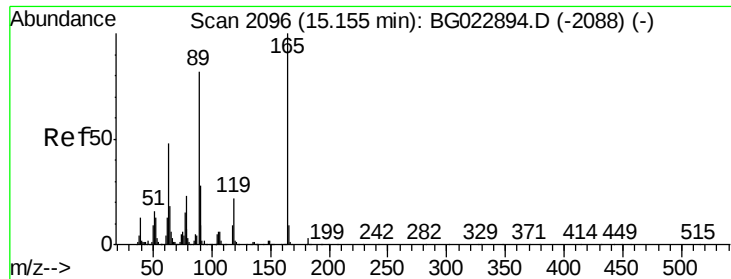


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO





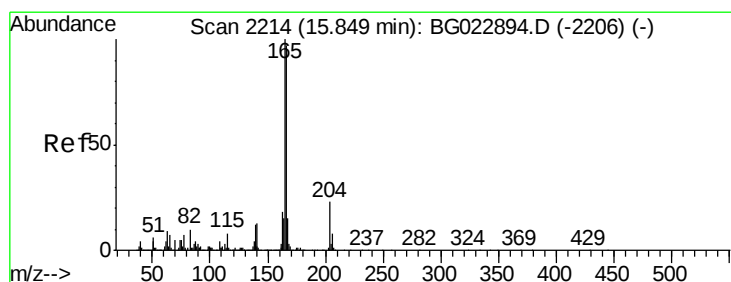
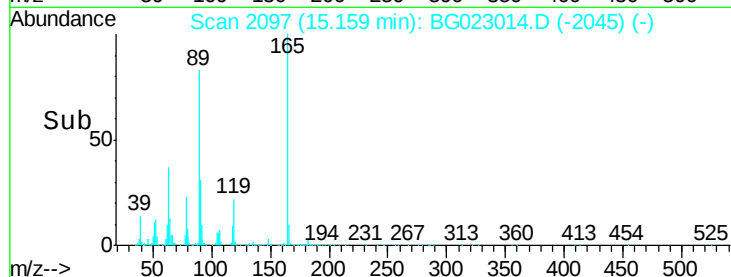
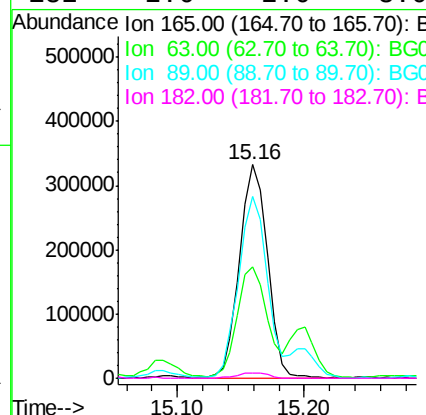
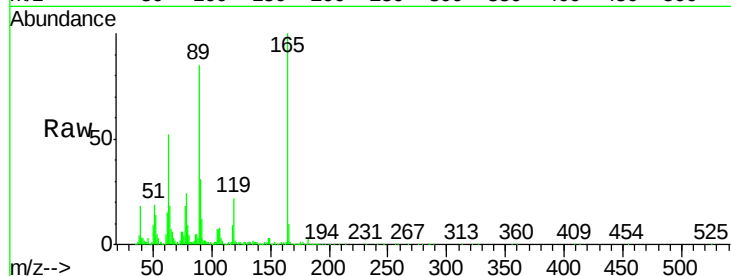
#56  
2,4-Dinitrotoluene  
Concen: 43.42 ng  
RT: 15.16 min Scan# 2097  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 506981 |       |       |
| 63      | 52.0 | 45.8  | 68.6   |       |       |
| 89      | 85.3 | 68.6  | 102.8  |       |       |
| 182     | 2.6  | 2.0   | 3.0    |       |       |

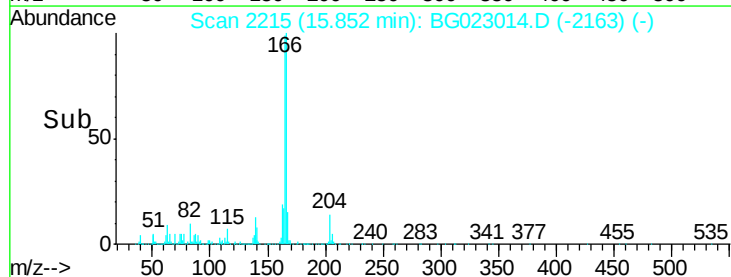
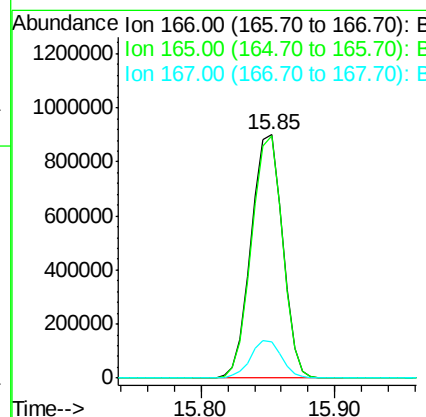
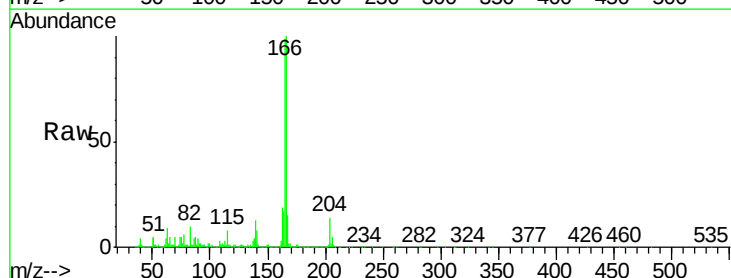
Manual Integrations  
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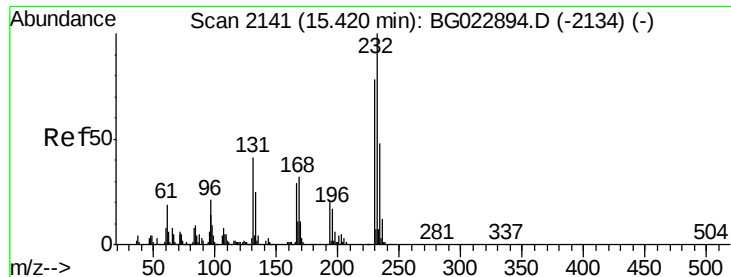
sohil  
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#57  
Fluorene  
Concen: 43.62 ng  
RT: 15.85 min Scan# 2215  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 166     | 100  |       | 1462784 |       |       |
| 165     | 99.5 | 81.0  | 121.6   |       |       |
| 167     | 15.0 | 12.0  | 18.0    |       |       |





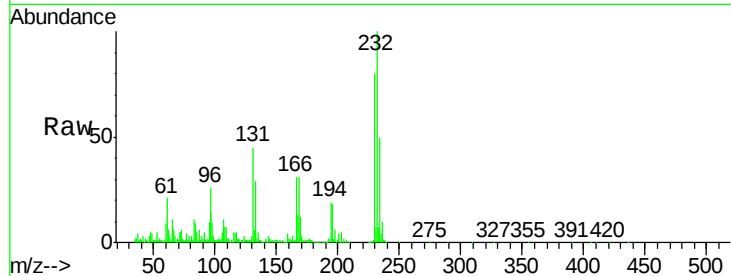
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.58 ng  
 RT: 15.42 min Scan# 2142  
 Delta R.T. 0.00 min  
 Lab File: BG023014.D  
 Acq: 11 Jul 2016 23:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 42.0  | 32.7  | 49.1  |
| 130     | 3.4   | 2.6   | 3.8   |
| 166     | 29.6  | 23.0  | 34.6  |

Manual Integrations  
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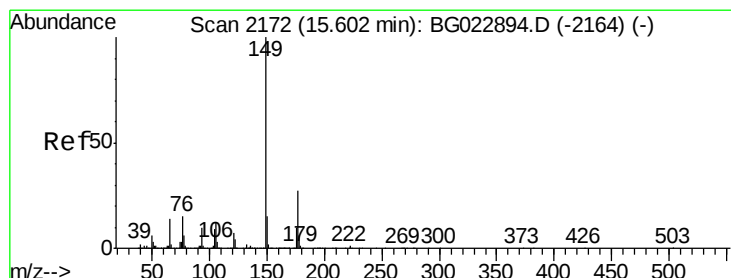
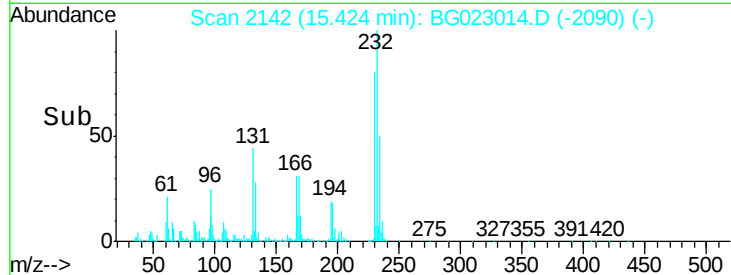
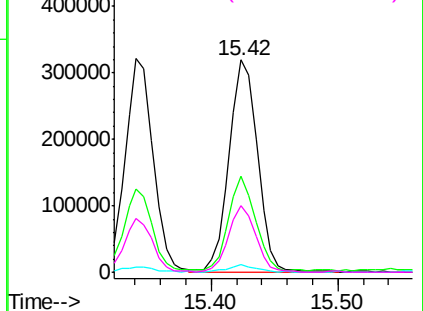


Abundance Ion 232.00 (231.70 to 232.70): E

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



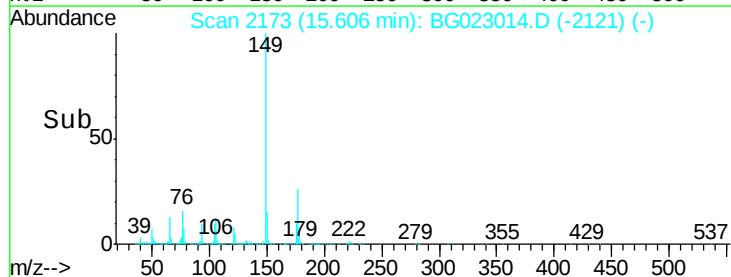
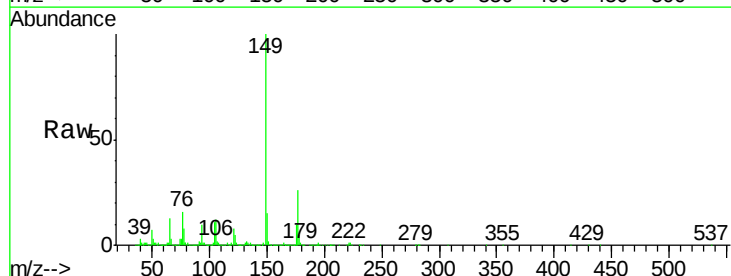
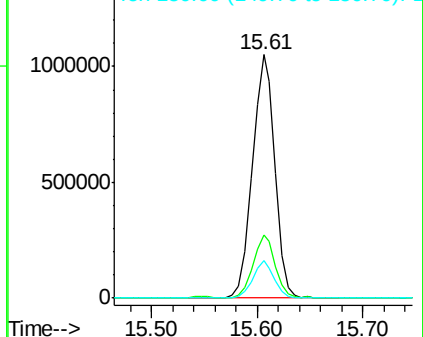
#59  
 Diethylphthalate  
 Concen: 42.67 ng  
 RT: 15.61 min Scan# 2173  
 Delta R.T. 0.00 min  
 Lab File: BG023014.D  
 Acq: 11 Jul 2016 23:58

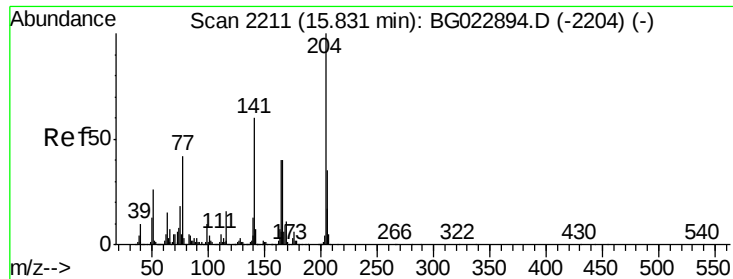
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 26.0  | 19.2  | 28.8  |
| 150     | 15.4  | 10.6  | 16.0  |

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





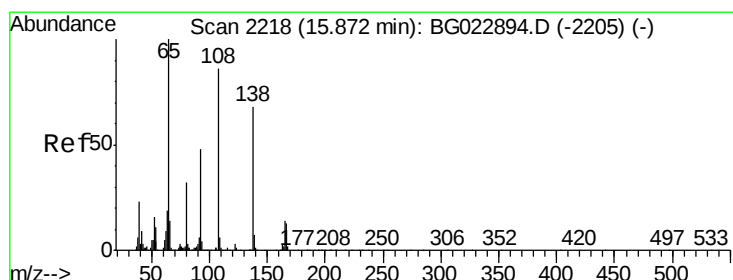
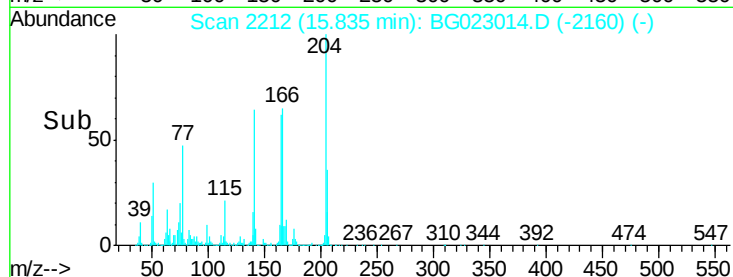
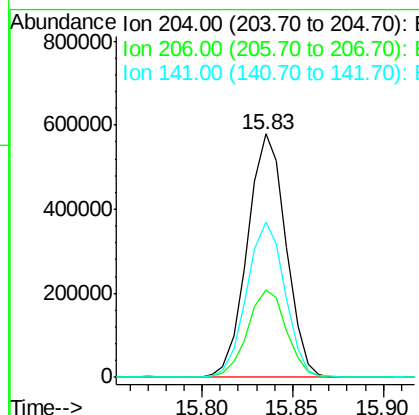
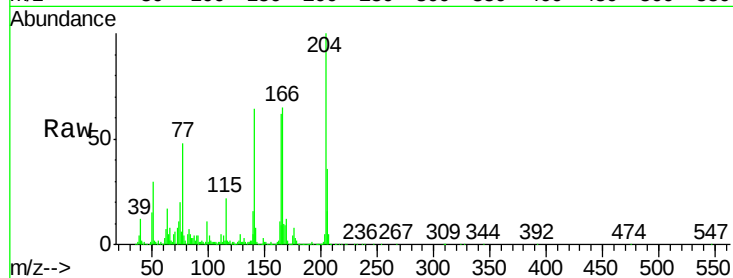
#60  
4-Chlorophenyl-phenylether  
Concen: 41.79 ng  
RT: 15.83 min Scan# 2212  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 36.1  | 28.5  | 42.7  |
| 141     | 63.9  | 51.4  | 77.0  |

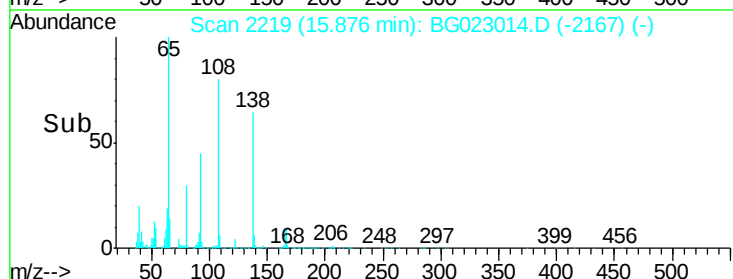
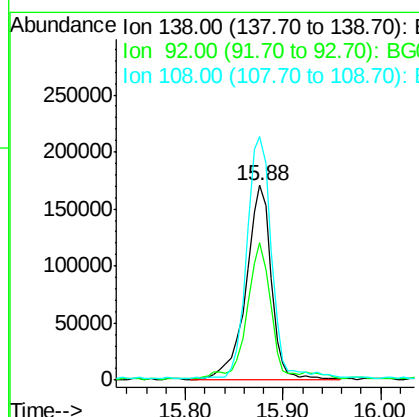
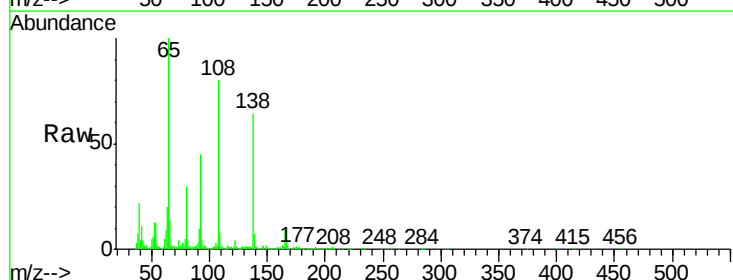
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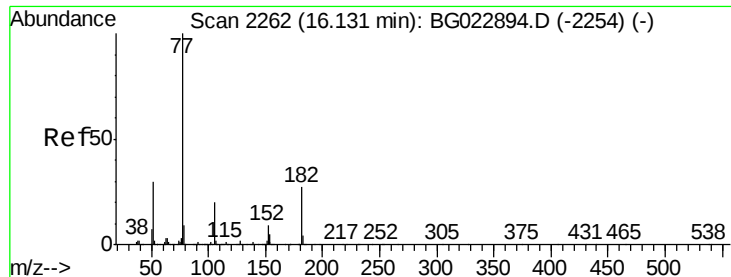
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#61  
4-Nitroaniline  
Concen: 35.35 ng  
RT: 15.88 min Scan# 2219  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 92      | 70.3  | 54.1  | 94.1   |
| 108     | 125.2 | 133.9 | 173.9# |





#62

Azobenzene

Concen: 49.24 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

ClientSampleId :

S22-0005MS

Tot Ion: 77 Resp: 1707968

Ion Ratio Lower Upper

77 100

182 25.8 3.5 43.5

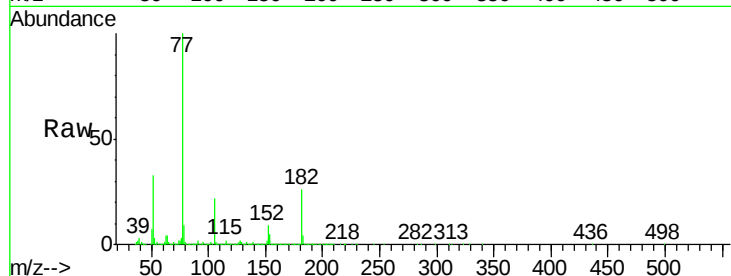
105 21.5 0.0 38.5

51 32.6 17.1 57.1

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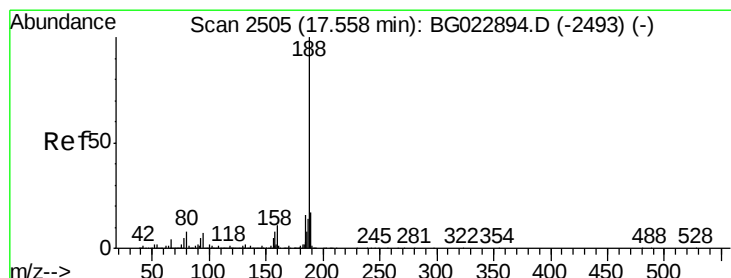
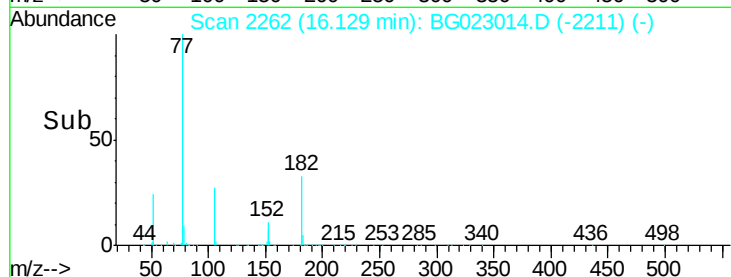
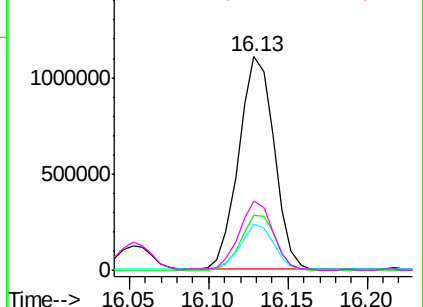


Abundance Ion 77.00 (76.70 to 77.70): BG022894.D (-2254) (-)

Ion 182.00 (181.70 to 182.70): BG022894.D (-2254) (-)

Ion 105.00 (104.70 to 105.70): BG022894.D (-2254) (-)

Ion 51.00 (50.70 to 51.70): BG022894.D (-2254) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

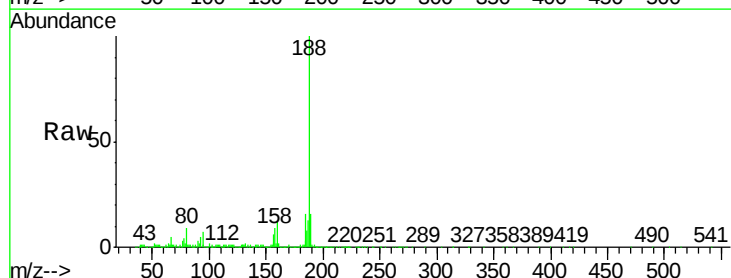
Tgt Ion: 188 Resp: 939257

Ion Ratio Lower Upper

188 100

94 7.3 5.2 7.8

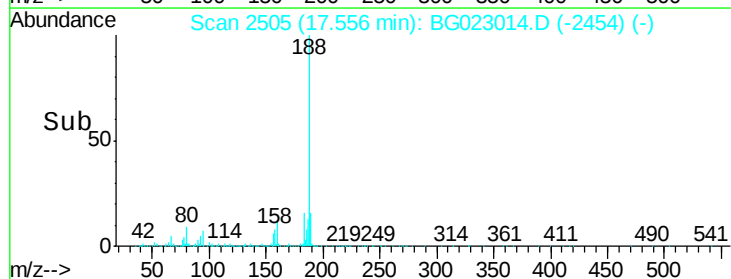
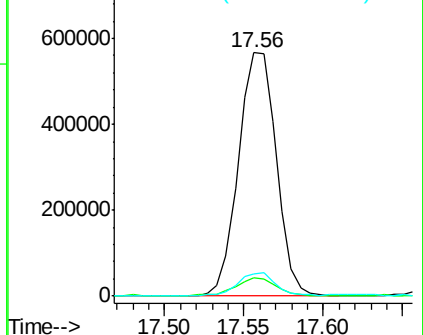
80 9.3 7.2 10.8

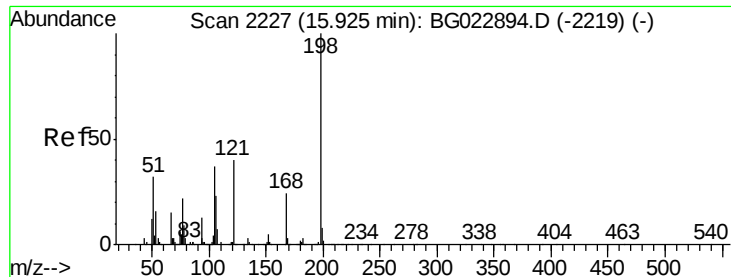


Abundance Ion 188.00 (187.70 to 188.70): BG022894.D (-2493) (-)

Ion 94.00 (93.70 to 94.70): BG022894.D (-2493) (-)

Ion 80.00 (79.70 to 80.70): BG022894.D (-2493) (-)





#64

4,6-Dinitro-2-methylphenol

Concen: 43.95 ng

RT: 15.93 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

ClientSampleId :

S22-0005MS

Tot Ion:198 Resp: 306832

Ion Ratio Lower Upper

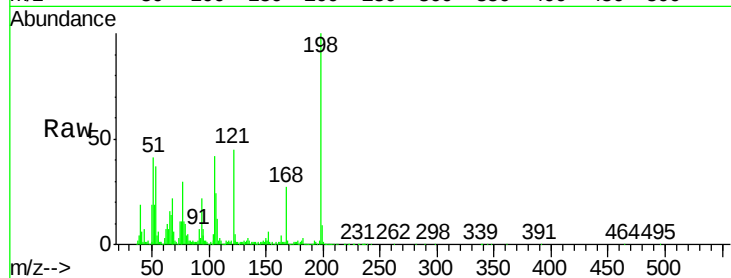
198 100

51 40.6 26.0 66.0

105 42.0 20.1 60.1

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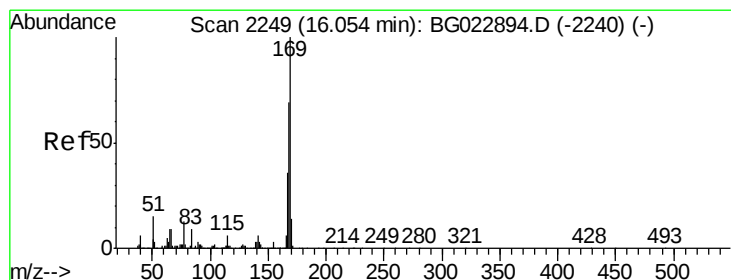
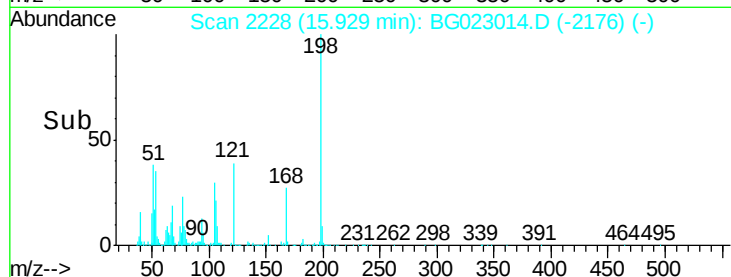
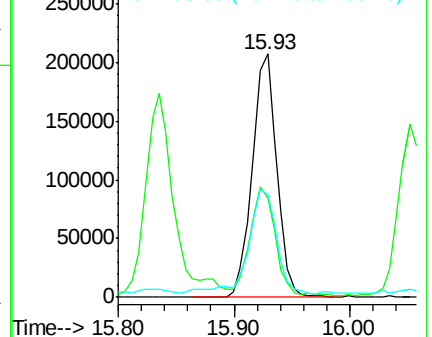
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 50.30 ng

RT: 16.06 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

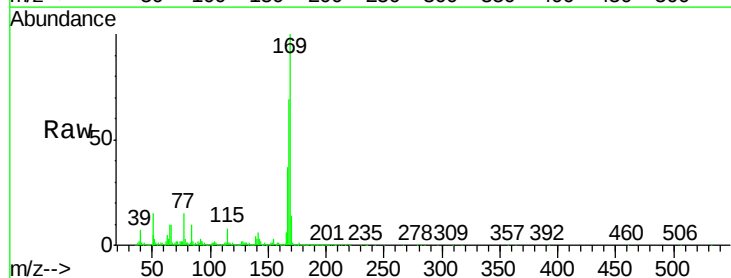
Tgt Ion:169 Resp: 1361268

Ion Ratio Lower Upper

169 100

168 68.6 55.0 82.4

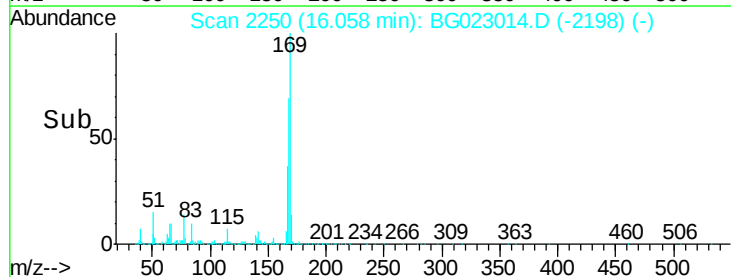
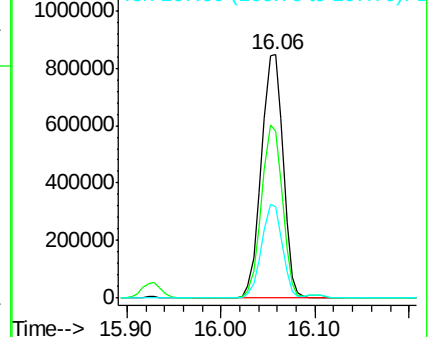
167 37.4 27.4 41.0

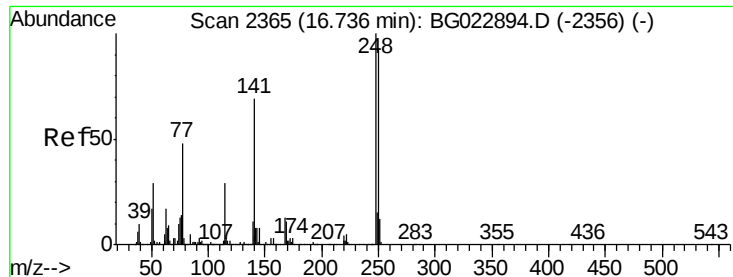


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 46.33 ng

RT: 16.73 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

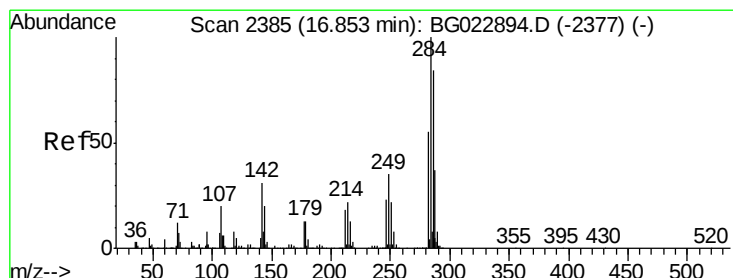
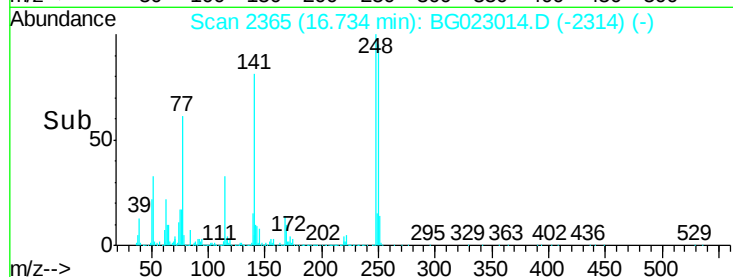
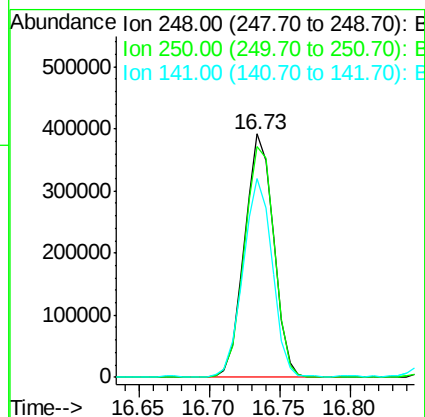
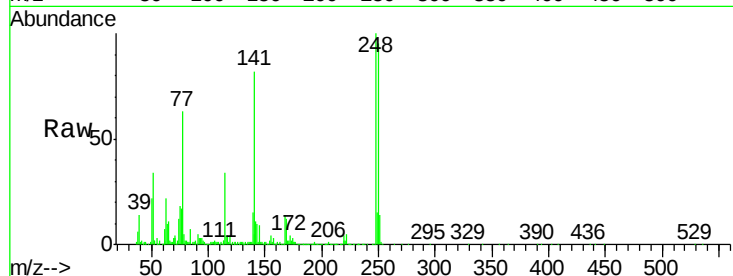
ClientSampled :

S22-0005MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 566202 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 95.0  | 77.8  | 116.8  |
| 141       | 81.8  | 65.7  | 98.5   |

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#67

Hexachlorobenzene

Concen: 44.84 ng

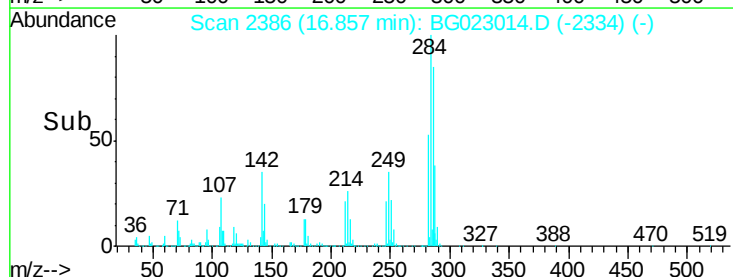
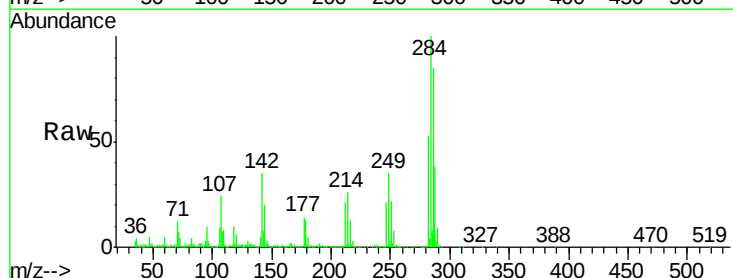
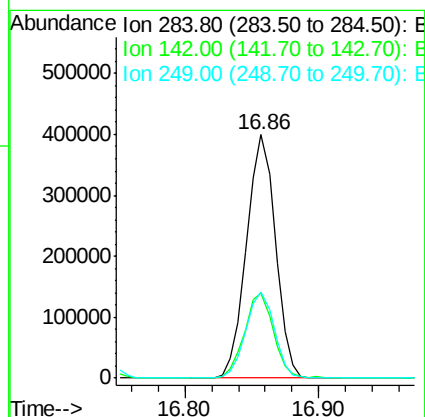
RT: 16.86 min Scan# 2386

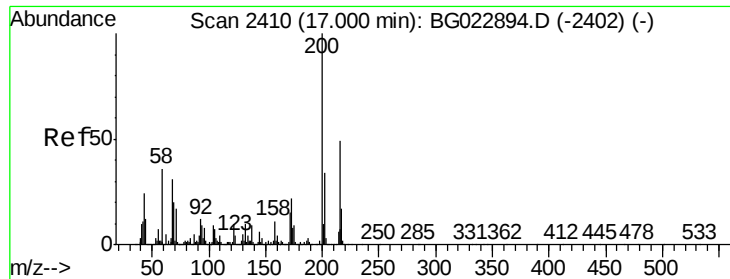
Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 595824 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 35.0  | 26.8  | 40.2   |
| 249       | 35.3  | 28.9  | 43.3   |





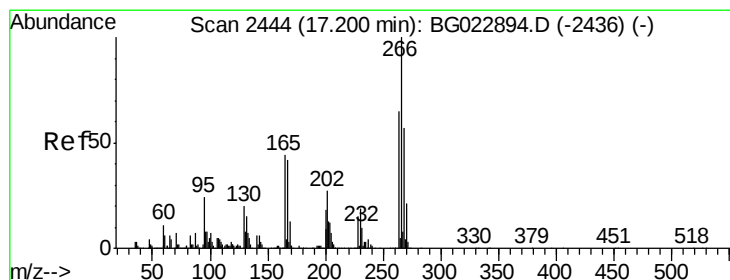
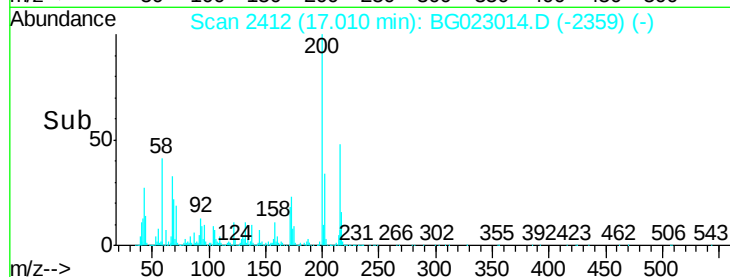
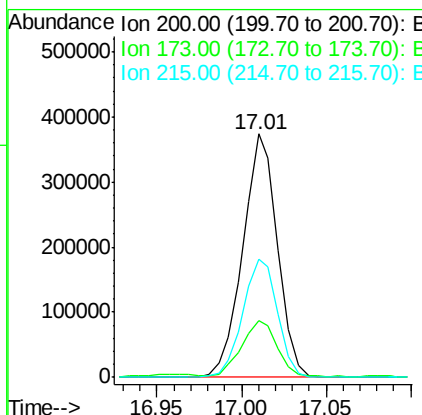
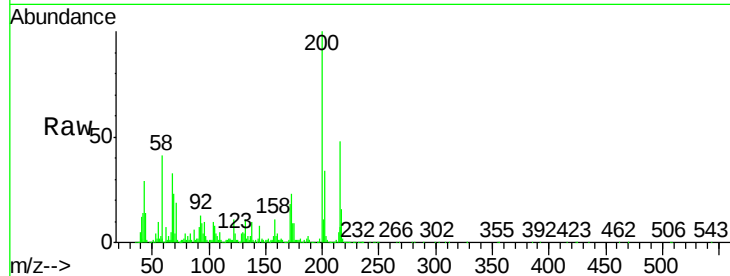
#68  
Atrazine  
Concen: 44.19 ng  
RT: 17.01 min Scan# 2412  
Delta R.T. 0.01 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.5  | 1.6   | 41.6  |
| 215     | 48.4  | 28.7  | 68.7  |

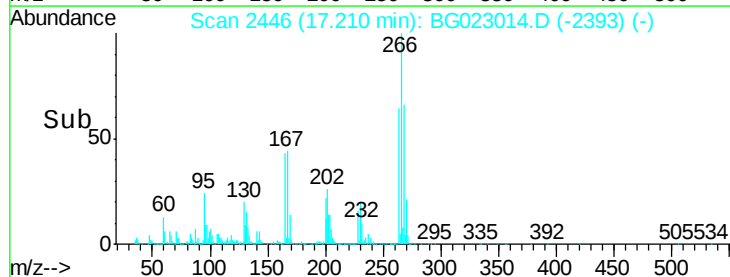
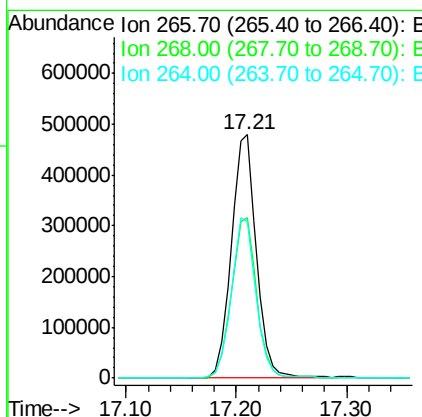
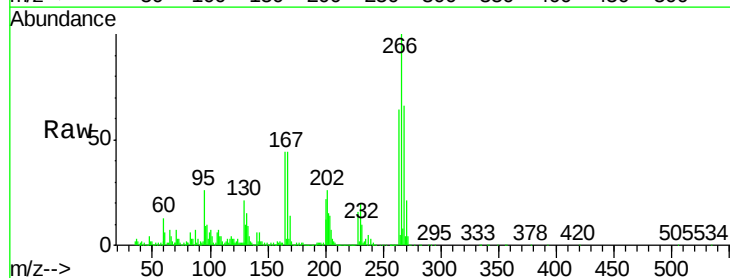
Manual Integrations  
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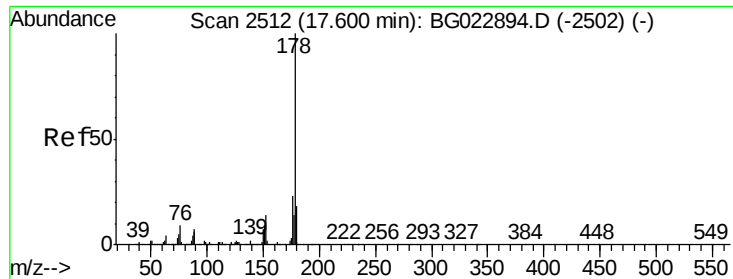
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#69  
Pentachlorophenol  
Concen: 88.65 ng  
RT: 17.21 min Scan# 2446  
Delta R.T. 0.01 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.0  | 51.9  | 77.9  |
| 264     | 64.5  | 50.6  | 75.8  |





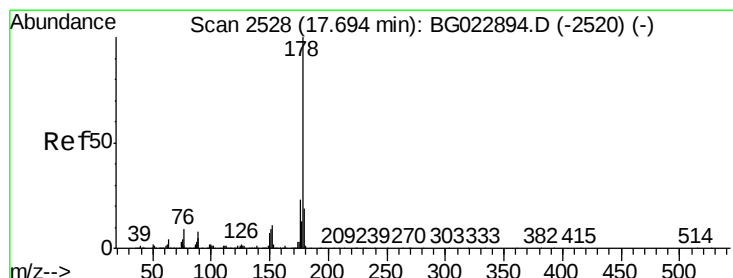
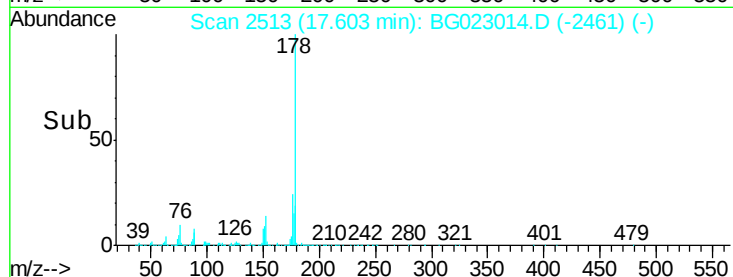
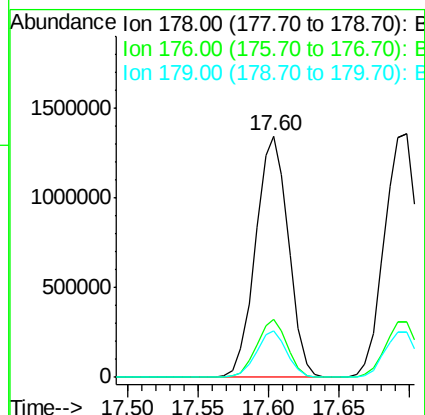
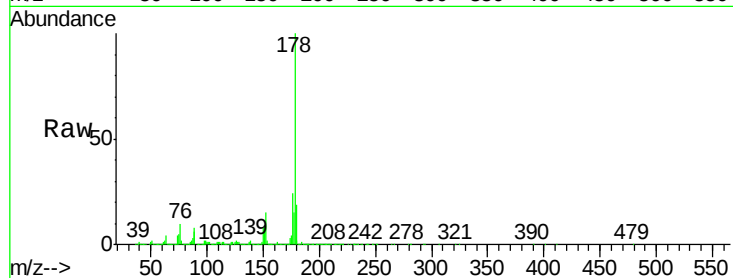
#70  
Phenanthrene  
Concen: 47.59 ng  
RT: 17.60 min Scan# 2513  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

Tot Ion:178 Resp: 2190672  
Ion Ratio Lower Upper  
178 100  
176 23.9 16.8 25.2  
179 19.4 14.3 21.5

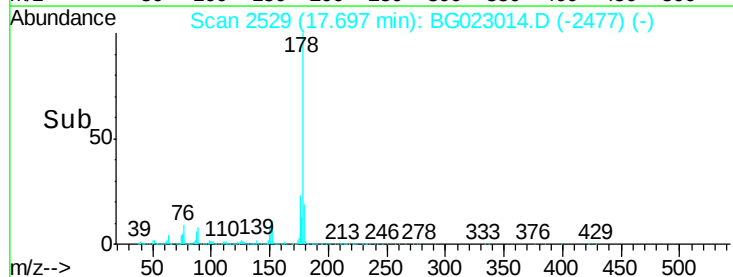
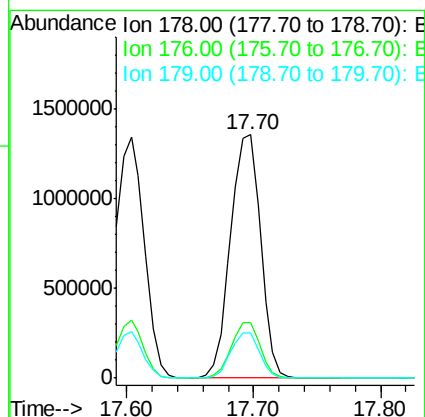
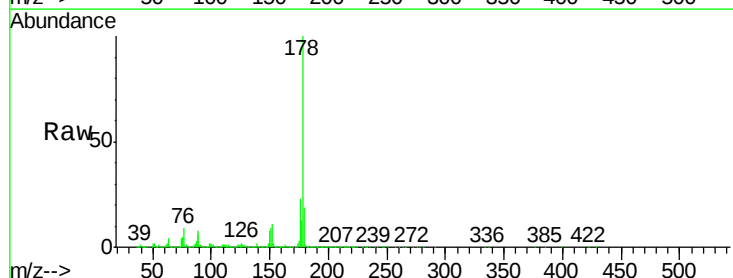
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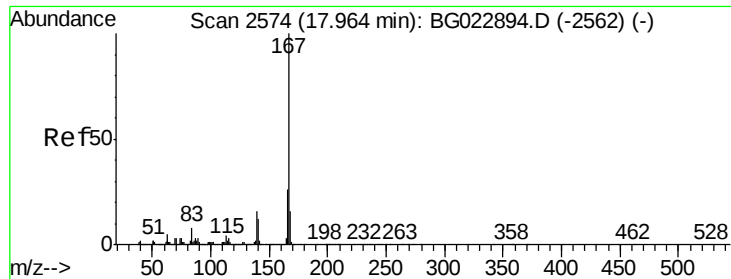
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#71  
Anthracene  
Concen: 47.65 ng  
RT: 17.70 min Scan# 2529  
Delta R.T. 0.00 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Tgt Ion:178 Resp: 2221125  
Ion Ratio Lower Upper  
178 100  
176 22.7 17.3 25.9  
179 18.8 14.0 21.0





#72

Carbazole

Concen: 47.91 ng

RT: 17.97 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

ClientSampleId :

S22-0005MS

Tot Ion:167 Resp: 1929671

Ion Ratio Lower Upper

167 100

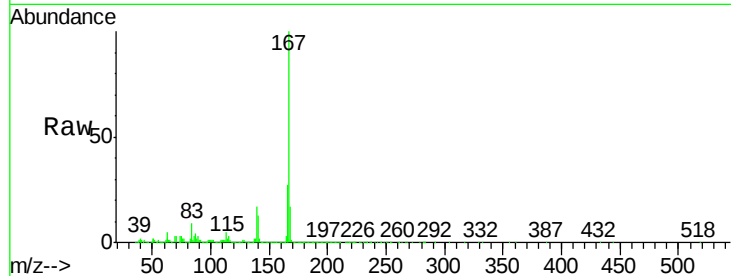
166 26.5 20.7 31.1

139 16.6 11.9 17.9

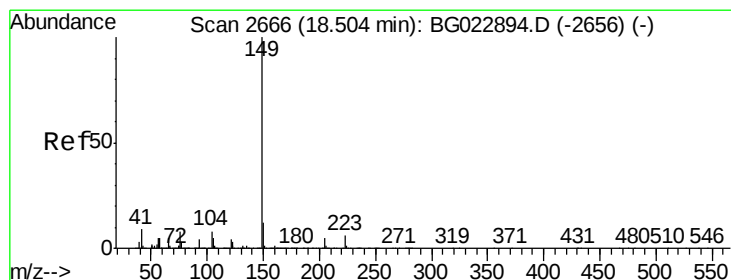
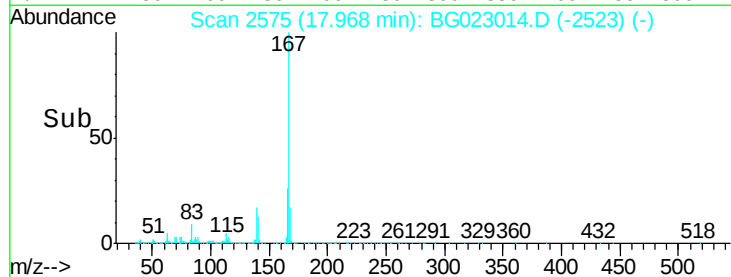
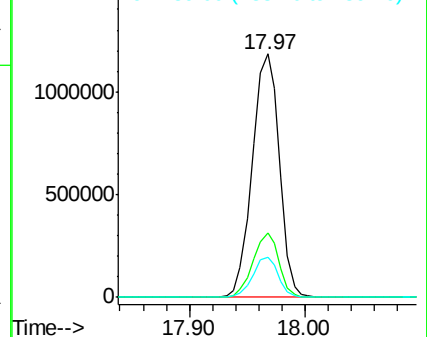
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Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 50.25 ng

RT: 18.51 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

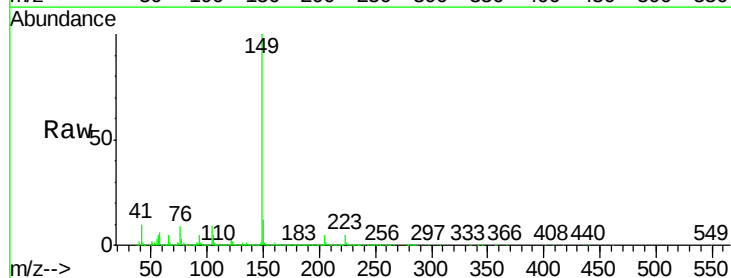
Tgt Ion:149 Resp: 2250880

Ion Ratio Lower Upper

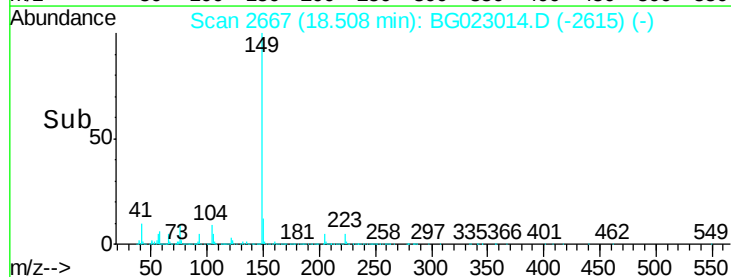
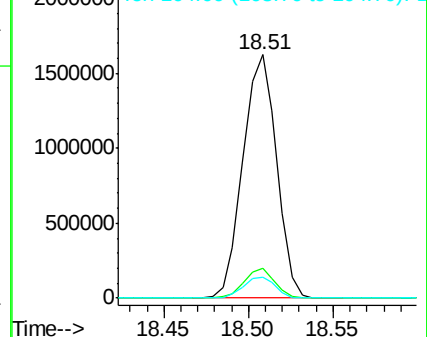
149 100

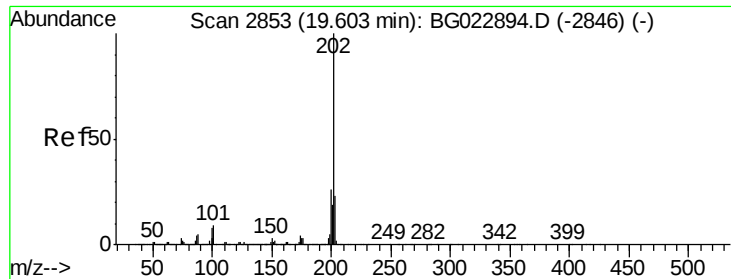
150 12.5 9.1 13.7

104 8.6 6.9 10.3



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: 43.42 ng

RT: 19.61 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

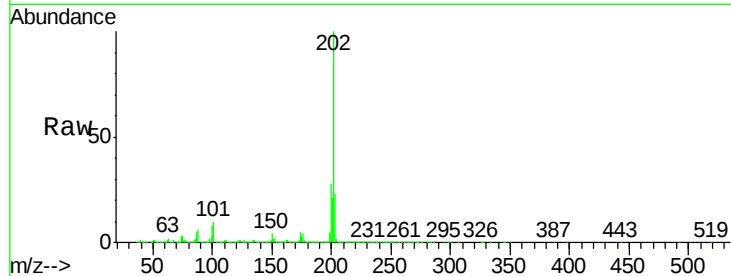
ClientSampleId :

S22-0005MS

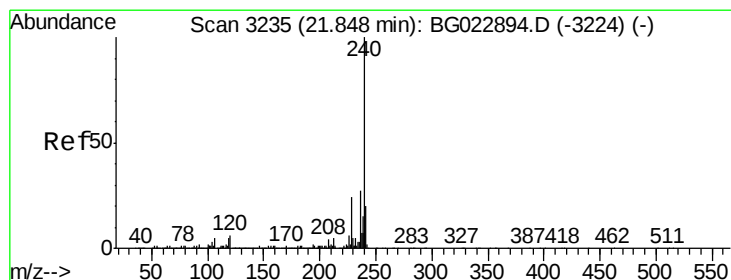
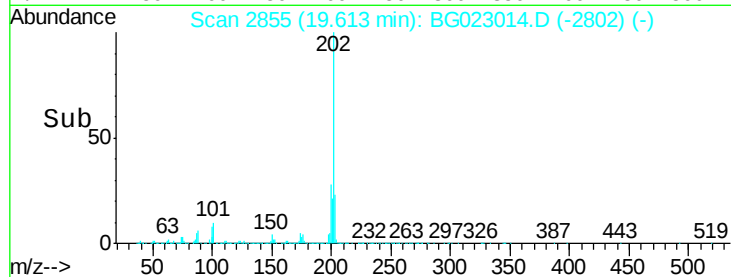
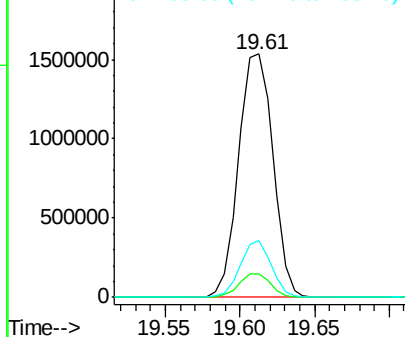
|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 2452452 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 9.8   | 0.0   | 27.4    |
| 203       | 23.5  | 1.7   | 41.7    |

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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: 21.87 min Scan# 3239

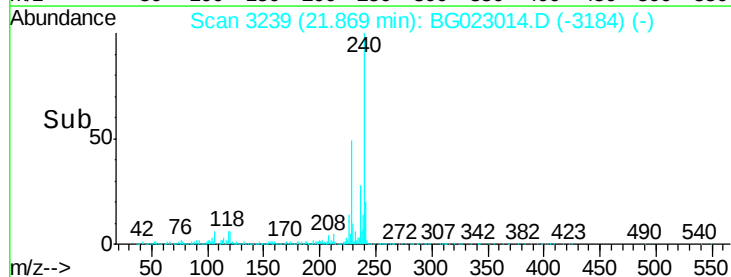
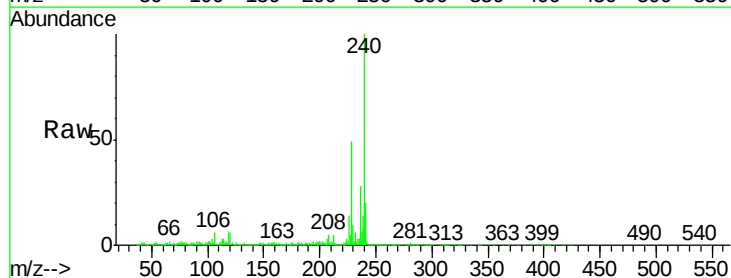
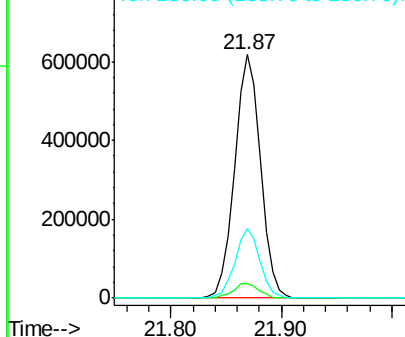
Delta R.T. 0.02 min

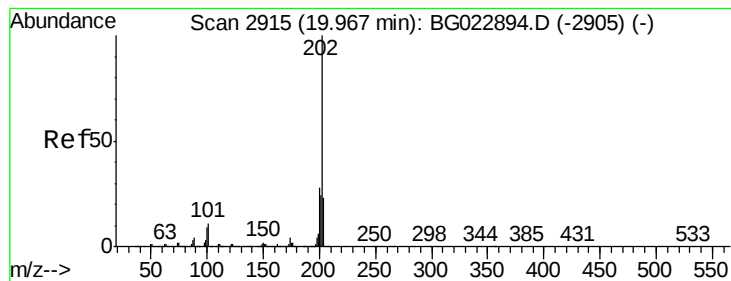
Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 240   | Resp: | 1012797 |
| Ion Ratio | Lower | Upper |         |
| 240       | 100   |       |         |
| 120       | 5.7   | 4.1   | 6.1     |
| 236       | 28.5  | 21.1  | 31.7    |

Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 43.93 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

ClientSampleId :

S22-0005MS

Tot Ion:202 Resp: 2500376

Ion Ratio Lower Upper

202 100

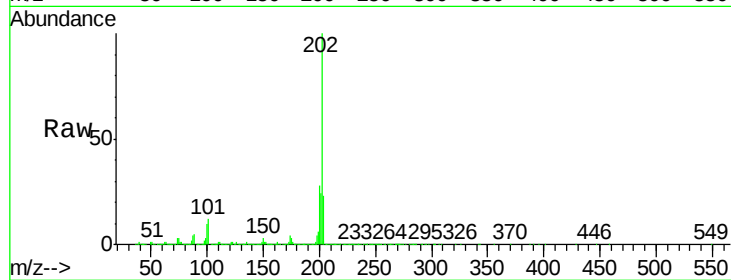
200 27.8 21.2 31.8

203 23.5 16.8 25.2

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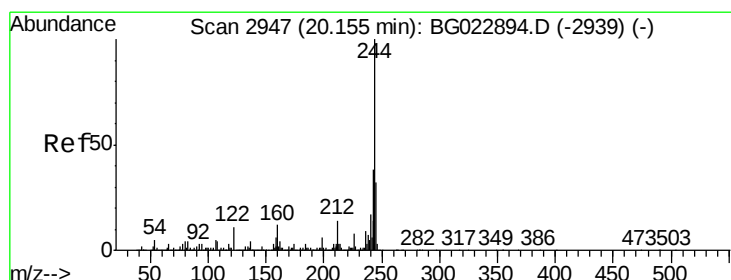
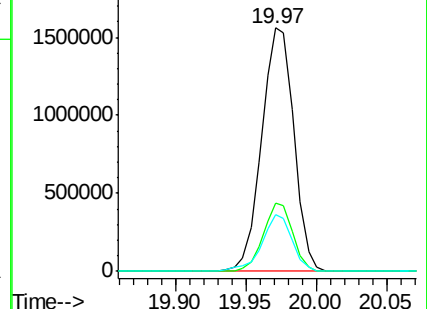
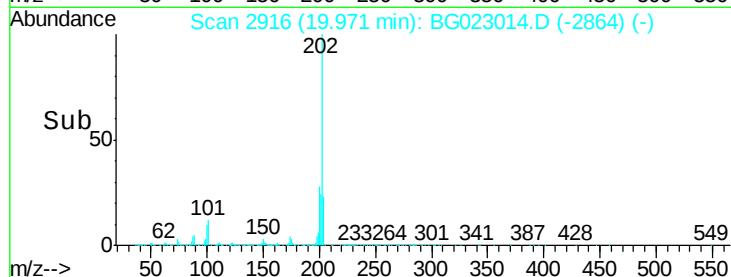
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.34 ng

RT: 20.17 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

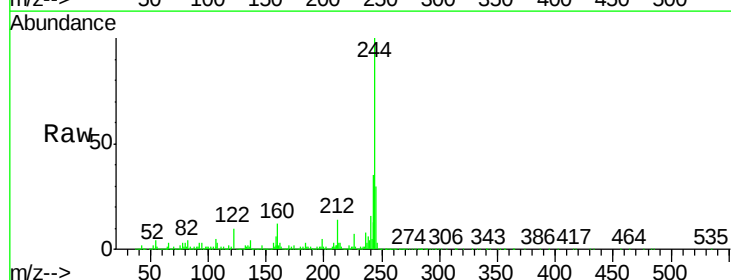
Tgt Ion:244 Resp: 2871606

Ion Ratio Lower Upper

244 100

212 14.1 10.8 16.2

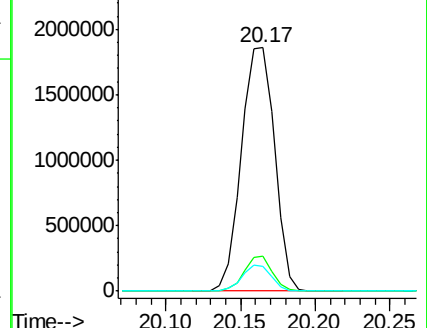
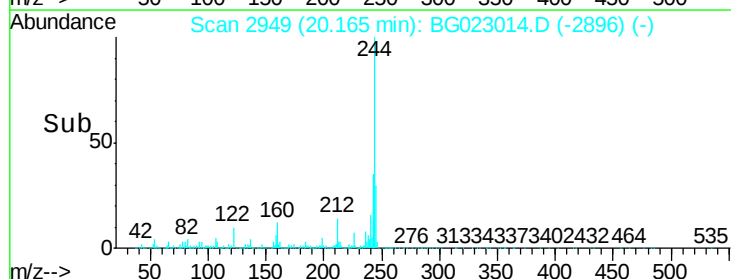
122 10.3 8.0 12.0

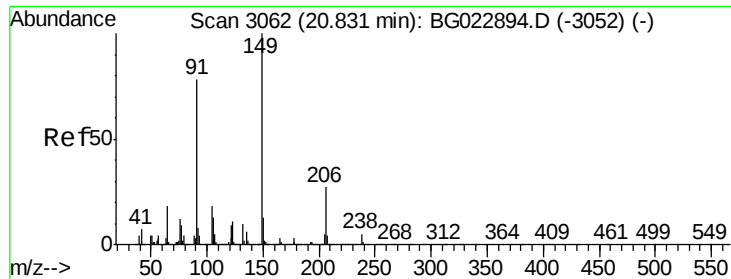


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





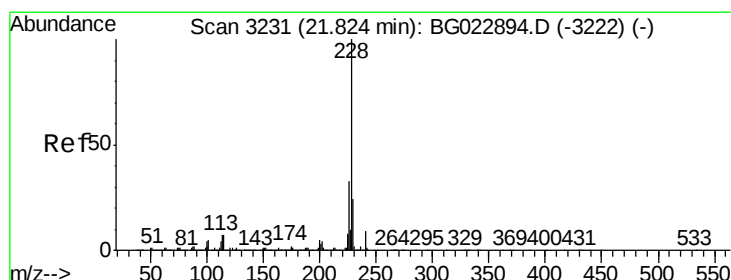
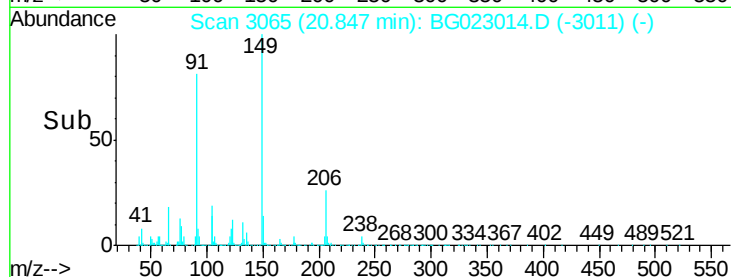
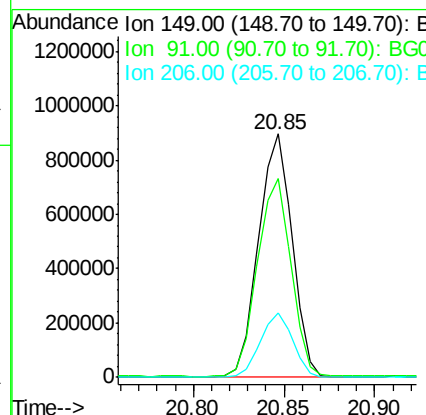
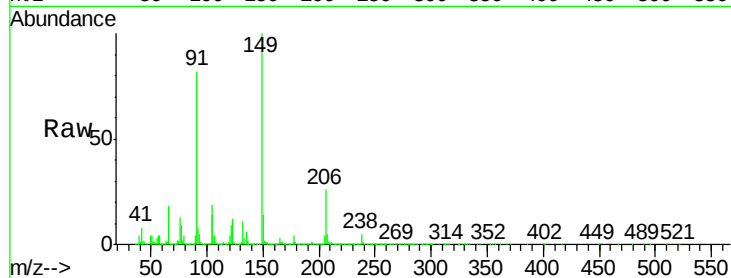
#79  
Butylbenzylphthalate  
Concen: 51.12 ng  
RT: 20.85 min Scan# 3065  
Delta R.T. 0.02 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

Tot Ion:149 Resp: 1152455  
Ion Ratio Lower Upper  
149 100  
91 81.6 68.1 102.1  
206 26.4 19.8 29.6

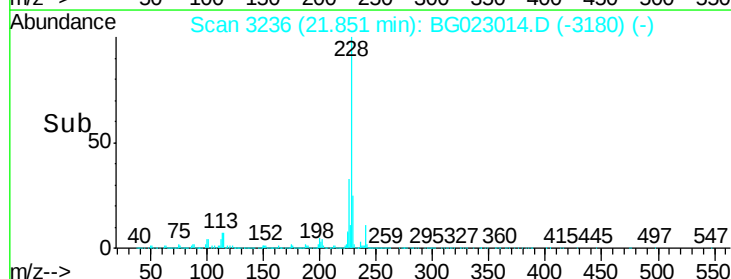
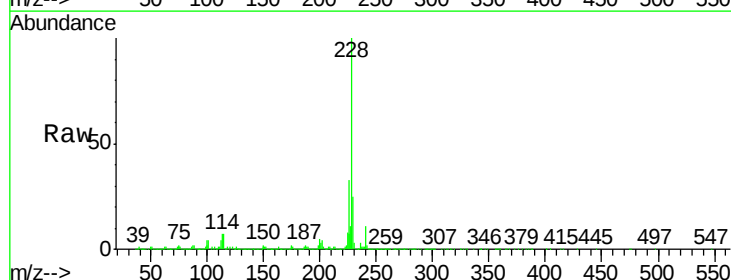
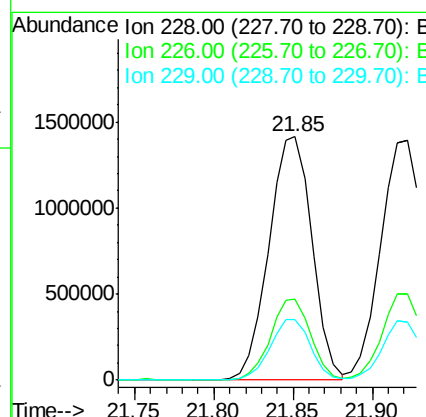
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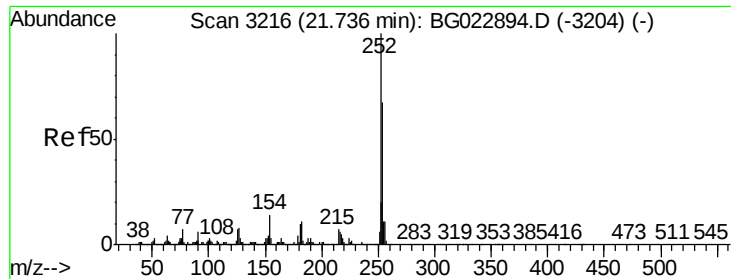
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#80  
Benzo(a)anthracene  
Concen: 47.05 ng  
RT: 21.85 min Scan# 3236  
Delta R.T. 0.03 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Tgt Ion:228 Resp: 2666171  
Ion Ratio Lower Upper  
228 100  
226 33.1 25.3 37.9  
229 24.7 19.9 29.9





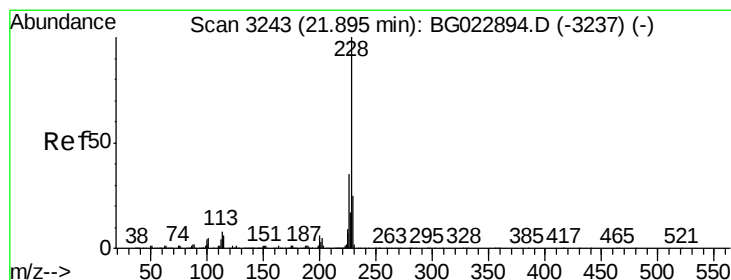
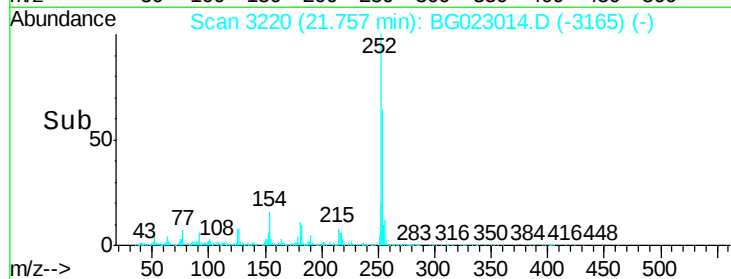
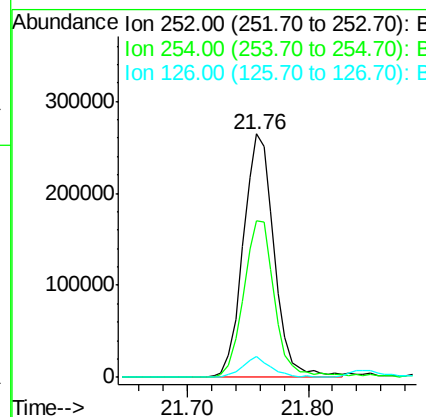
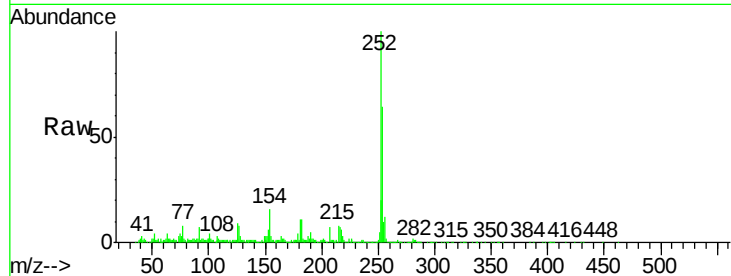
#81  
 3,3'-Dichlorobenzidine  
 Concen: 18.96 ng  
 RT: 21.76 min Scan# 3220  
 Delta R.T. 0.02 min  
 Lab File: BG023014.D  
 Acq: 11 Jul 2016 23:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.2  | 51.2  | 76.8  |
| 126     | 8.6   | 5.3   | 7.9   |

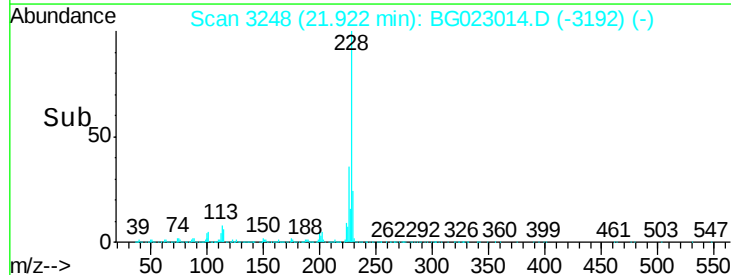
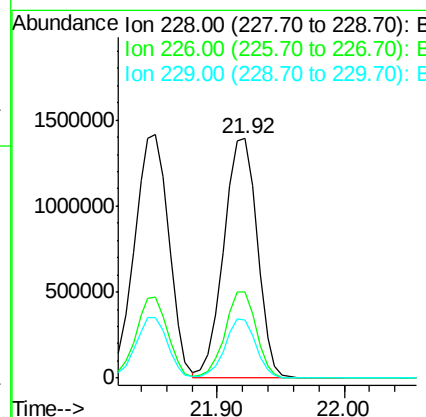
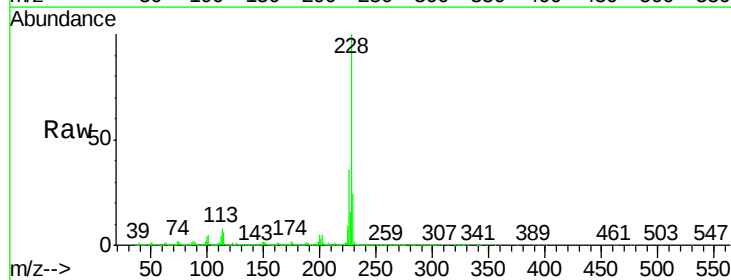
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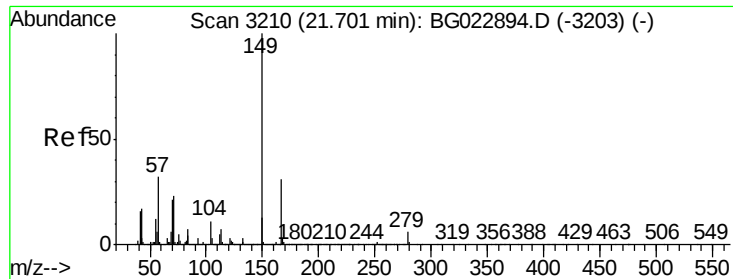
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#82  
 Chrysene  
 Concen: 47.84 ng  
 RT: 21.92 min Scan# 3248  
 Delta R.T. 0.03 min  
 Lab File: BG023014.D  
 Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 36.2  | 26.7  | 40.1  |
| 229     | 24.3  | 17.4  | 26.2  |





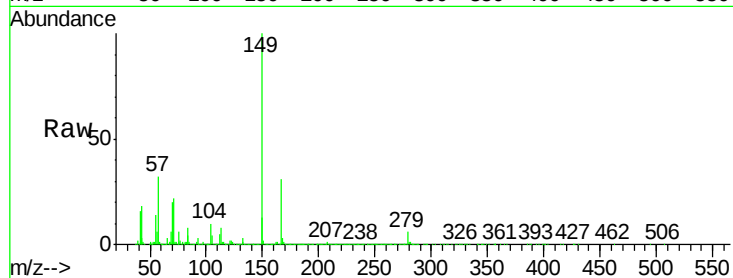
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.46 ng  
 RT: 21.73 min Scan# 3215  
 Delta R.T. 0.03 min  
 Lab File: BG023014.D  
 Acq: 11 Jul 2016 23:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S22-0005MS

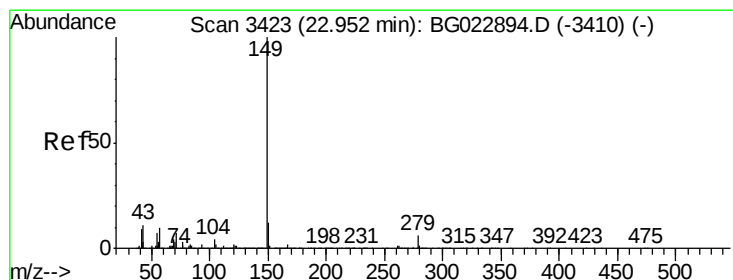
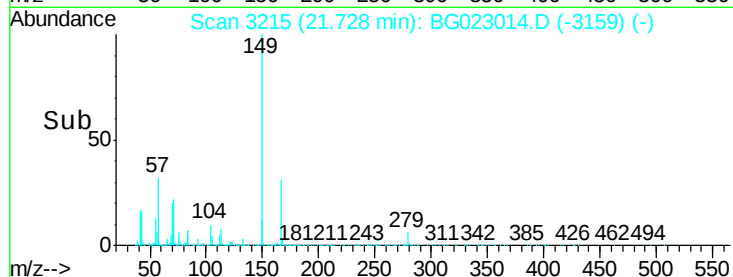
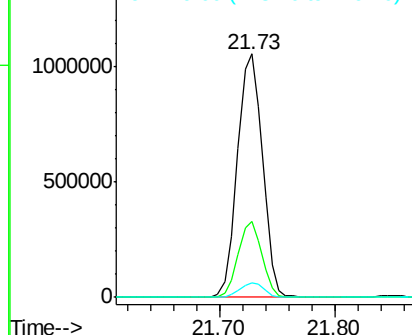
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 31.4  | 24.0  | 36.0  |
| 279     | 5.9   | 4.8   | 7.2   |

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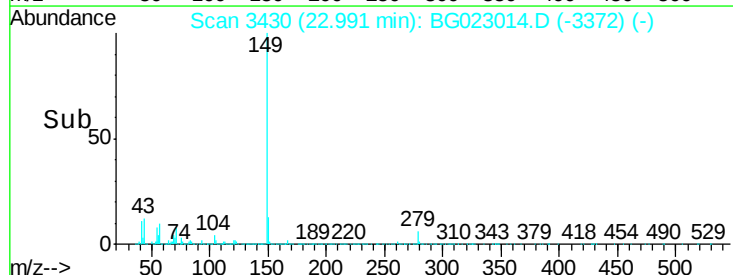
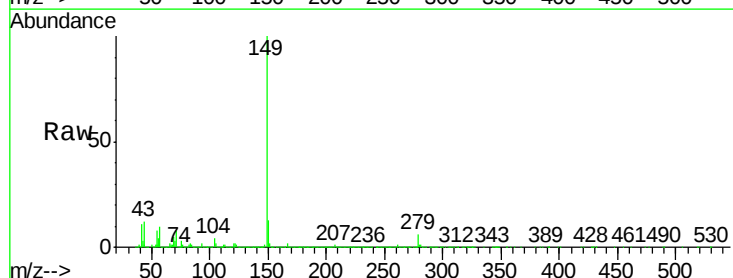
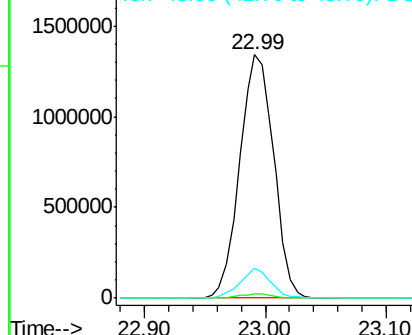
Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

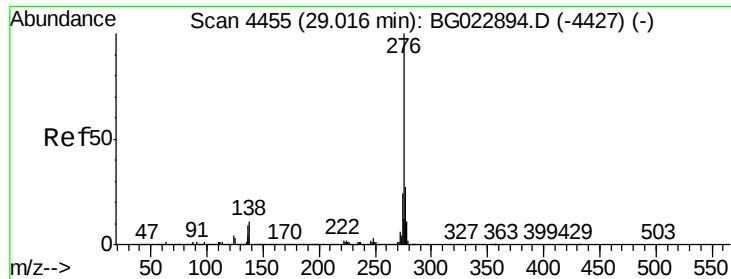


#84  
 Di-n-octyl phthalate  
 Concen: 50.16 ng  
 RT: 22.99 min Scan# 3430  
 Delta R.T. 0.04 min  
 Lab File: BG023014.D  
 Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.5   | 2.3   |
| 43      | 10.6  | 8.8   | 13.2  |

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





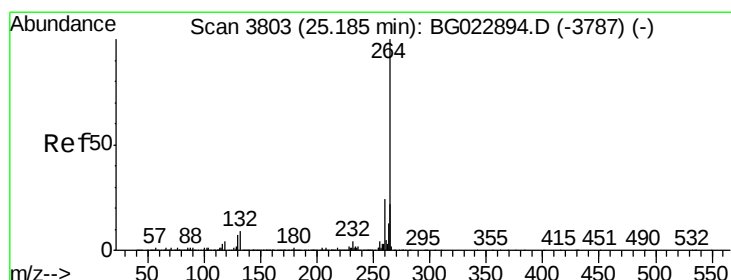
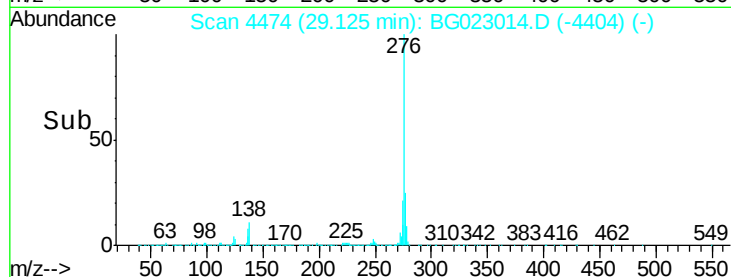
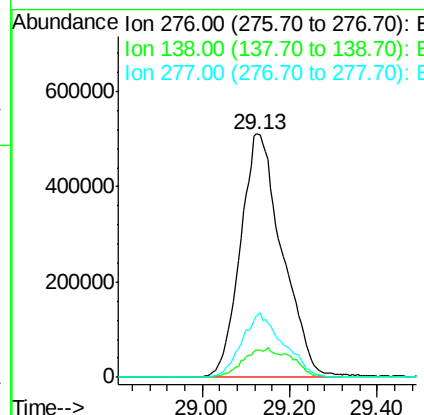
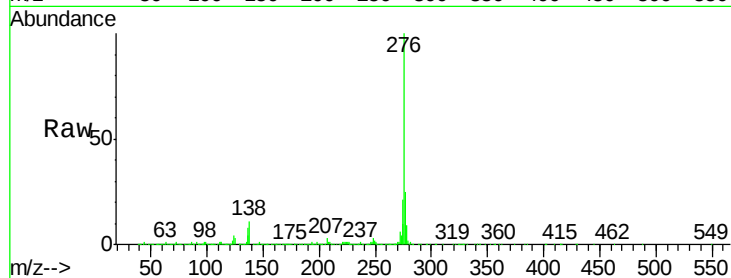
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.81 ng  
 RT: 29.13 min Scan# 4474  
 Delta R.T. 0.11 min  
 Lab File: BG023014.D  
 Acq: 11 Jul 2016 23:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S22-0005MS

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

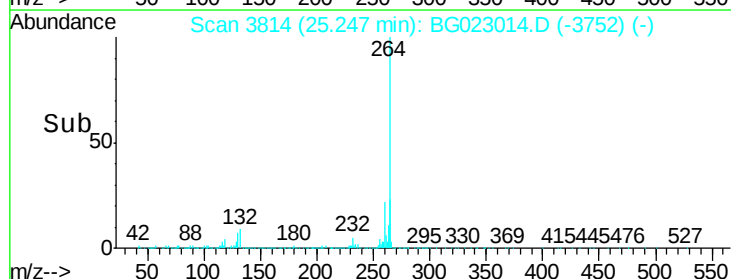
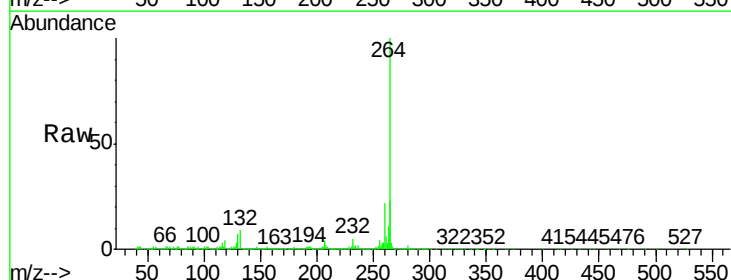
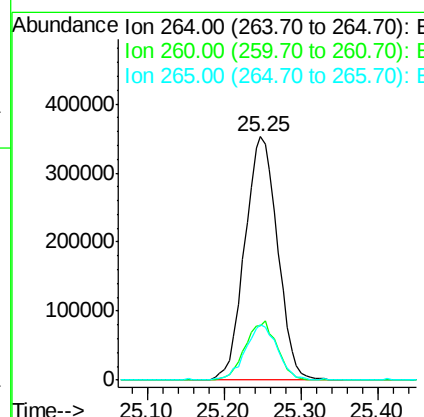
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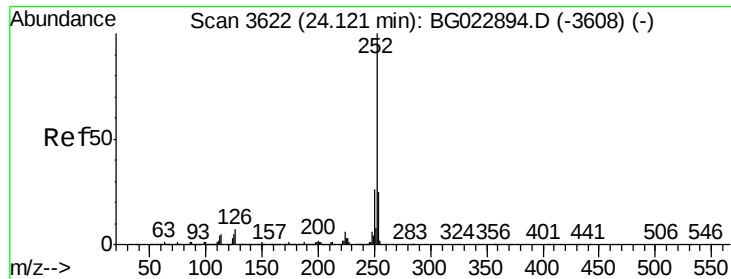
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.25 min Scan# 3814  
 Delta R.T. 0.06 min  
 Lab File: BG023014.D  
 Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.4  | 18.4  | 27.6  |
| 265     | 22.8  | 18.9  | 28.3  |





#87

Benzo(b)fluoranthene

Concen: 47.81 ng m

RT: 24.17 min Scan# 3631

Delta R.T. 0.05 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

Instrument :

BNA\_G

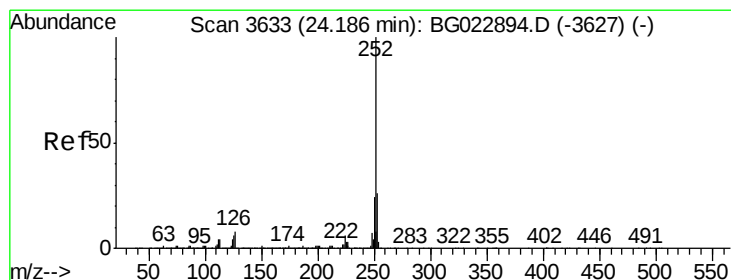
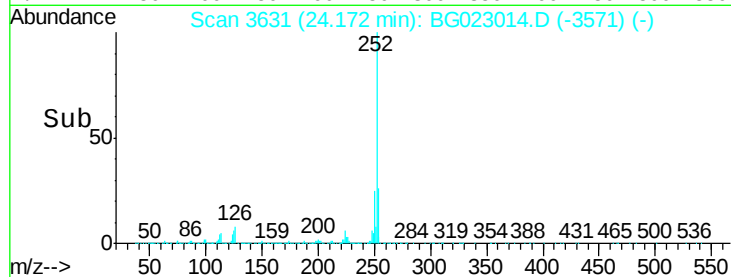
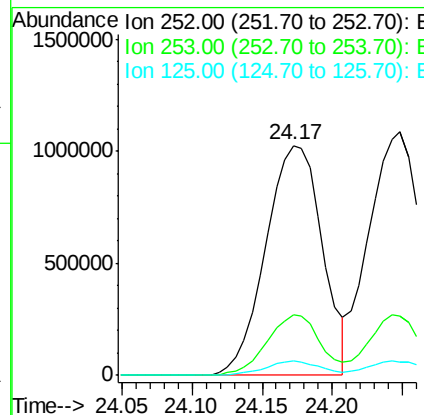
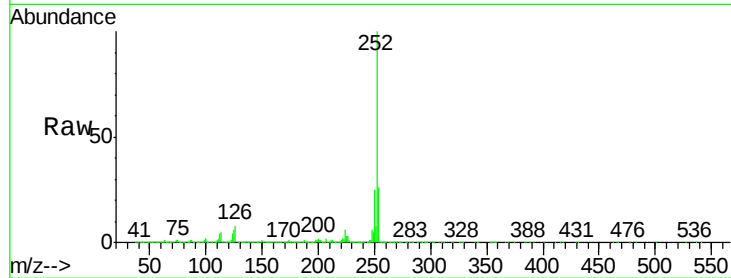
ClientSampleId :

S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 26.3  | 18.9  | 28.3  |
| 125     | 6.1   | 3.9   | 5.9   |

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#88

Benzo(k)fluoranthene

Concen: 48.32 ng

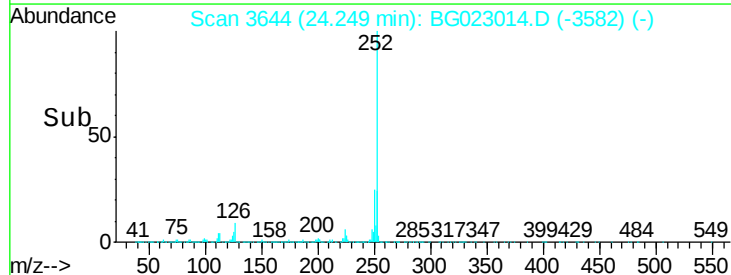
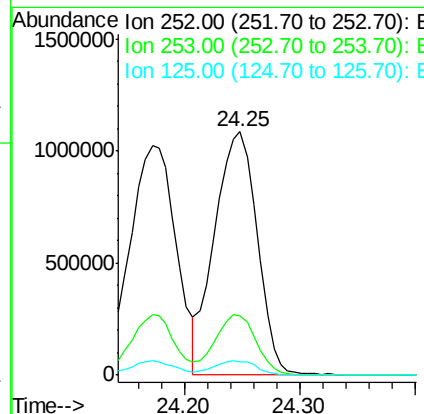
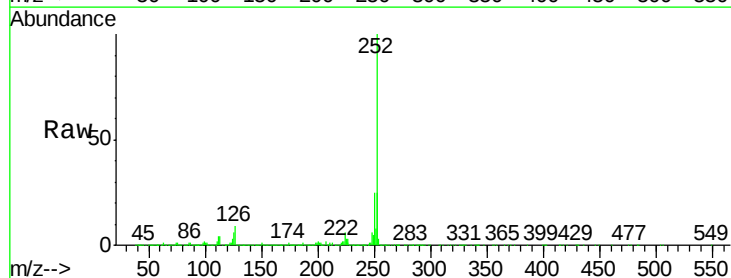
RT: 24.25 min Scan# 3644

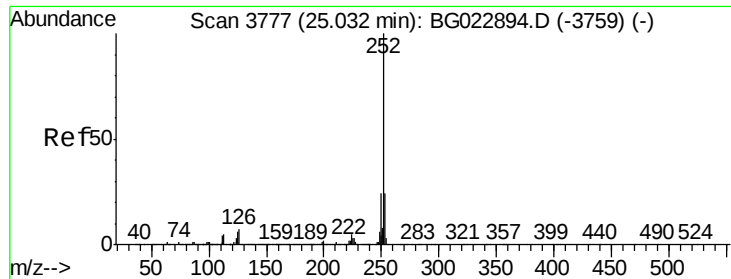
Delta R.T. 0.06 min

Lab File: BG023014.D

Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.5  | 18.8  | 28.2  |
| 125     | 5.5   | 3.2   | 4.8   |





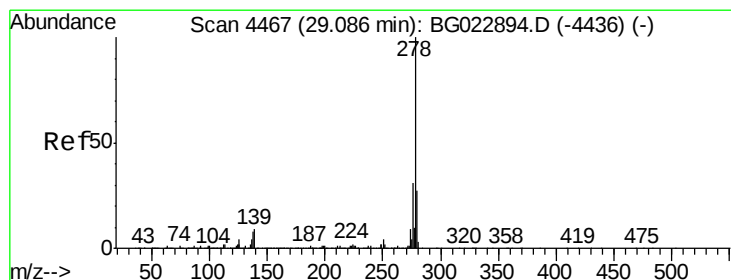
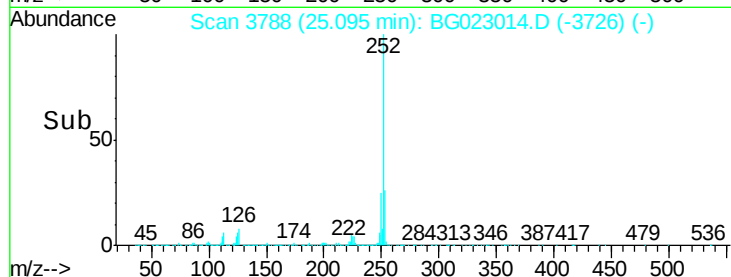
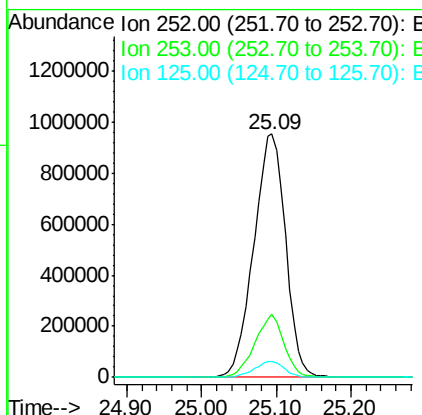
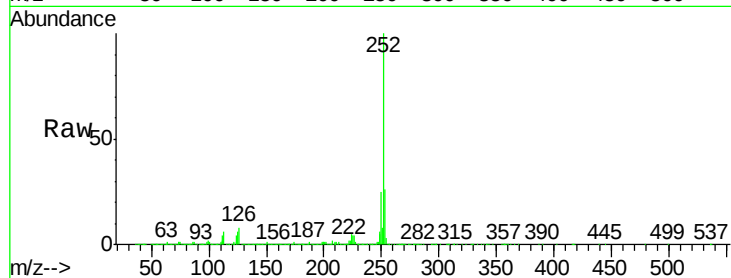
#89  
Benzo(a)pyrene  
Concen: 48.74 ng  
RT: 25.09 min Scan# 3788  
Delta R.T. 0.06 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 25.8  | 18.7  | 28.1  |
| 125     | 6.5   | 3.9   | 5.9   |

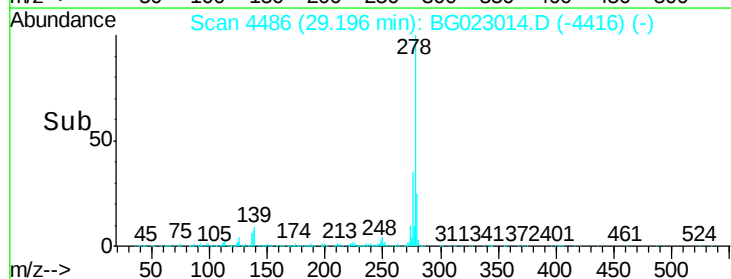
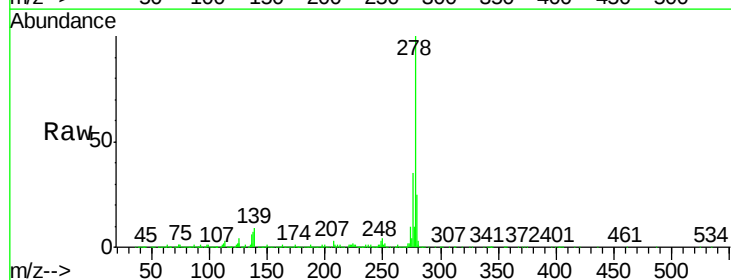
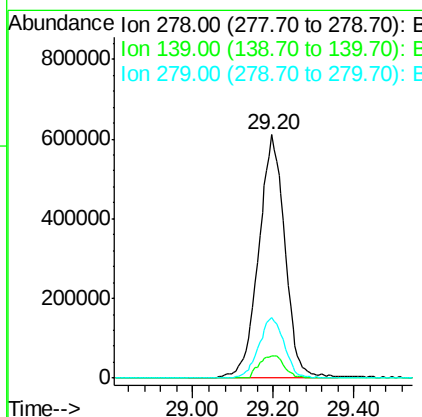
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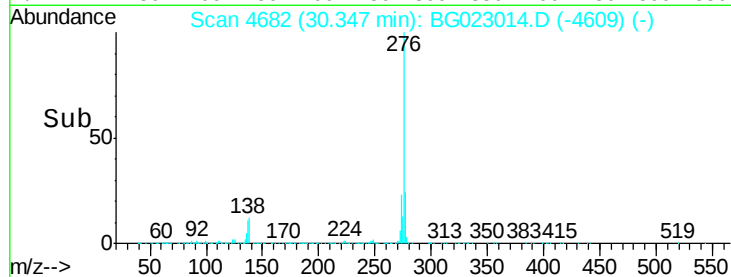
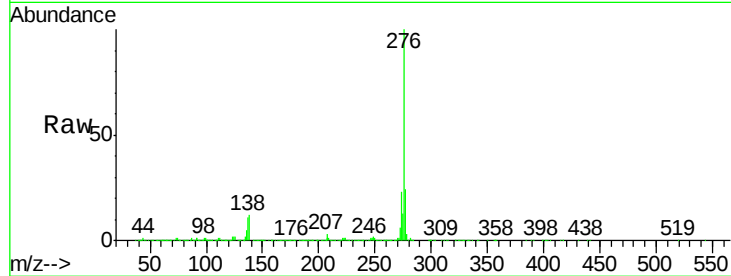
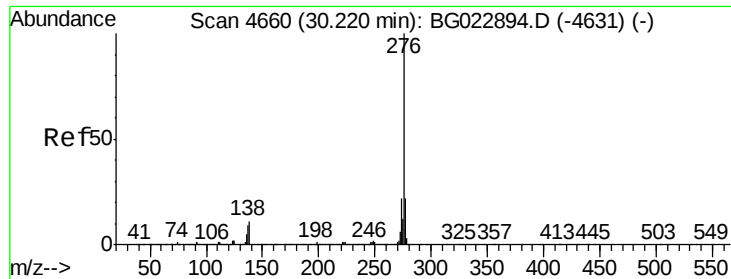
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#90  
Dibenzo(a,h)anthracene  
Concen: 48.06 ng  
RT: 29.20 min Scan# 4486  
Delta R.T. 0.11 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.3   | 4.7   | 7.1   |
| 279     | 24.7  | 18.3  | 27.5  |





#91  
Benzo(a,h,i)perylene  
Concen: 47.46 ng  
RT: 30.35 min Scan# 4682  
Delta R.T. 0.13 min  
Lab File: BG023014.D  
Acq: 11 Jul 2016 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
S22-0005MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.3  | 18.6  | 27.8  |
| 138     | 11.7  | 6.8   | 10.2  |

Manual Integrations  
APPROVED

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