

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\  
 Data File : BG023057.D  
 Acq On : 13 Jul 2016 5:28  
 Operator : UM/SJ  
 Sample : H3995-28MSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LSS-MW-SB22(20)MSD

Manual Integrations  
 APPROVED

umangi  
 7/13/2016 6:28:45 PM

Quant Time: Jul 13 07:06:44 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 12 18:30:58 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 97587    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.98 | 136  | 478657   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.80 | 164  | 351173   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.56 | 188  | 805195   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.87 | 240  | 877232   | 20.00 | ng    | 0.02     |
| 86) Perylene-d12          | 25.26 | 264  | 890170   | 20.00 | ng    | 0.07     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.70  | 112 | 405262  | 67.92  | ng | 0.00 |
| 7) Phenol-d6             | 7.30  | 99  | 405733  | 43.42  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.33  | 82  | 1101204 | 98.51  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.30 | 330 | 774962  | 122.79 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.42 | 172 | 2186680 | 98.08  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.16 | 244 | 2749815 | 112.57 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 3) Pyridine                    | 3.97  | 79  | 76692  | 9.66  | ng | # 91   |
| 4) n-Nitrosodimethylamine      | 3.89  | 42  | 35508  | 10.43 | ng | # 96   |
| 6) Aniline                     | 7.47  | 93  | 112496 | 8.69  | ng | 89     |
| 8) 2-Chlorophenol              | 7.71  | 128 | 73920  | 11.64 | ng | 92     |
| 9) Benzaldehyde                | 7.28  | 77  | 42628  | 6.83  | ng | 90     |
| 10) Phenol                     | 7.34  | 94  | 131199 | 13.64 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 7.56  | 93  | 79155  | 10.39 | ng | 90     |
| 12) 1,3-Dichlorobenzene        | 8.04  | 146 | 82169  | 10.57 | ng | 93     |
| 13) 1,4-Dichlorobenzene        | 8.19  | 146 | 81917  | 10.53 | ng | 88     |
| 14) 1,2-Dichlorobenzene        | 8.51  | 146 | 84788  | 10.96 | ng | 93     |
| 15) Benzyl Alcohol             | 8.39  | 79  | 112328 | 13.12 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.68  | 45  | 99291  | 10.67 | ng | 99     |
| 17) 2-Methylphenol             | 8.59  | 107 | 84720  | 13.53 | ng | 92     |
| 18) Hexachloroethane           | 9.24  | 117 | 36954  | 11.25 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.95  | 70  | 89337  | 10.60 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.92  | 107 | 112249 | 12.86 | ng | 91     |
| 22) Acetophenone               | 8.97  | 105 | 148315 | 10.32 | ng | # 96   |
| 24) Nitrobenzene               | 9.36  | 77  | 138552 | 11.66 | ng | 97     |
| 25) Isophorone                 | 9.89  | 82  | 242243 | 10.77 | ng | 97     |
| 26) 2-Nitrophenol              | 10.08 | 139 | 53883  | 11.56 | ng | # 81   |
| 27) 2,4-Dimethylphenol         | 10.14 | 122 | 94906  | 11.78 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 10.37 | 93  | 137023 | 10.93 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.63 | 162 | 101362 | 11.80 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.84 | 180 | 105667 | 10.73 | ng | 95     |
| 31) Naphthalene                | 11.03 | 128 | 271968 | 11.16 | ng | 98     |
| 32) Benzoic acid               | 10.23 | 122 | 53316  | 7.27  | ng | 91     |
| 33) 4-Chloroaniline            | 11.14 | 127 | 90087  | 7.56  | ng | # 92   |
| 34) Hexachlorobutadiene        | 11.31 | 225 | 78037  | 9.78  | ng | 93     |
| 35) Caprolactam                | 11.91 | 113 | 33395  | 9.45  | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 12.26 | 107 | 134215 | 11.42 | ng | 88     |
| 37) 2-Methylnaphthalene        | 12.63 | 142 | 229469 | 11.92 | ng | 92     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216 | 146572 | 9.69  | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.97 | 237 | 143192 | 16.44 | ng | 99     |
| 42) 2,4,6-Trichlorophenol      | 13.23 | 196 | 97826  | 11.25 | ng | 98     |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 LSS-MW-SB22(20)MSD

Manual Integrations  
 APPROVED

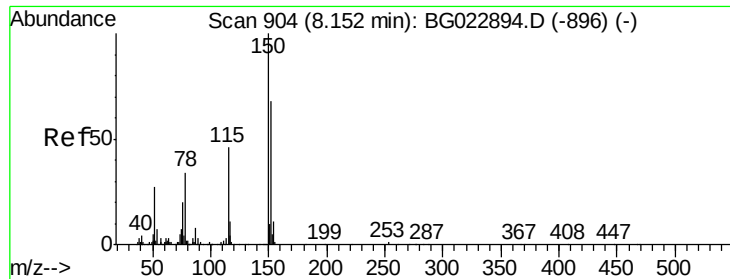
umangi  
 7/13/2016 6:28:45 PM

Quant Time: Jul 13 07:06:44 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 12 18:30:58 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 13.31 | 196  | 104776   | 11.73 | nq    | # 93     |
| 45) 1,1'-Biphenyl              | 13.63 | 154  | 317020   | 12.03 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.67 | 162  | 259155   | 12.12 | nq    | 96       |
| 47) 2-Nitroaniline             | 13.88 | 65   | 105449   | 11.56 | nq    | 96       |
| 48) Acenaphthylene             | 14.52 | 152  | 394806   | 12.31 | nq    | 96       |
| 49) Dimethylphthalate          | 14.24 | 163  | 358342   | 12.49 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 14.37 | 165  | 72549    | 11.25 | nq    | 95       |
| 51) Acenaphthene               | 14.86 | 154  | 248358   | 11.85 | nq    | 94       |
| 52) 3-Nitroaniline             | 14.70 | 138  | 55602    | 8.65  | nq    | 89       |
| 53) 2,4-Dinitrophenol          | 14.91 | 184  | 68949    | 15.59 | nq    | 89       |
| 54) Dibenzofuran               | 15.20 | 168  | 414002   | 13.20 | nq    | 96       |
| 55) 4-Nitrophenol              | 15.02 | 139  | 115436   | 21.42 | nq    | 92       |
| 56) 2,4-Dinitrotoluene         | 15.16 | 165  | 105589   | 11.23 | nq    | # 93     |
| 57) Fluorene                   | 15.85 | 166  | 329231   | 12.20 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.43 | 232  | 103698m  | 11.60 | nq    |          |
| 59) Diethylphthalate           | 15.60 | 149  | 350782   | 12.02 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.84 | 204  | 183531   | 11.16 | nq    | 94       |
| 61) 4-Nitroaniline             | 15.87 | 138  | 69408    | 9.98  | nq    | # 88     |
| 62) Azobenzene                 | 16.13 | 77   | 391267   | 14.01 | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 15.93 | 198  | 57377    | 9.59  | nq    | 89       |
| 65) n-Nitrosodiphenylamine     | 16.05 | 169  | 292638   | 12.61 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.74 | 248  | 115190   | 11.00 | nq    | 96       |
| 67) Hexachlorobenzene          | 16.86 | 284  | 130487   | 11.46 | nq    | 93       |
| 68) Atrazine                   | 17.01 | 200  | 113766   | 11.06 | nq    | 92       |
| 69) Pentachlorophenol          | 17.21 | 266  | 156303   | 21.19 | nq    | 95       |
| 70) Phenanthrene               | 17.60 | 178  | 521948   | 13.23 | nq    | 96       |
| 71) Anthracene                 | 17.69 | 178  | 531195   | 13.29 | nq    | 98       |
| 72) Carbazole                  | 17.96 | 167  | 447338   | 12.96 | nq    | 94       |
| 73) Di-n-butylphthalate        | 18.50 | 149  | 556628   | 14.50 | nq    | # 96     |
| 74) Fluoranthene               | 19.61 | 202  | 606684   | 12.53 | nq    | 95       |
| 77) Pyrene                     | 19.97 | 202  | 620742   | 12.59 | nq    | 91       |
| 79) Butylbenzylphthalate       | 20.84 | 149  | 266966   | 13.67 | nq    | 92       |
| 80) Benzo(a)anthracene         | 21.85 | 228  | 645893m  | 13.16 | nq    |          |
| 81) 3,3'-Dichlorobenzidine     | 21.76 | 252  | 59397    | 2.76  | nq    | # 89     |
| 82) Chrysene                   | 21.92 | 228  | 596272   | 12.95 | nq    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 21.73 | 149  | 376670   | 13.89 | nq    | # 97     |
| 84) Di-n-octyl phthalate       | 22.99 | 149  | 614380   | 13.59 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 29.12 | 276  | 653243   | 11.13 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.17 | 252  | 625112   | 12.17 | nq    | # 99     |
| 88) Benzo(k)fluoranthene       | 24.24 | 252  | 607500   | 12.46 | nq    | # 97     |
| 89) Benzo(a)pyrene             | 25.09 | 252  | 608098   | 12.35 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 29.19 | 278  | 545629   | 11.17 | nq    | # 94     |
| 91) Benzo(g,h,i)perylene       | 30.34 | 276  | 536998   | 10.97 | nq    | # 94     |

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





#1

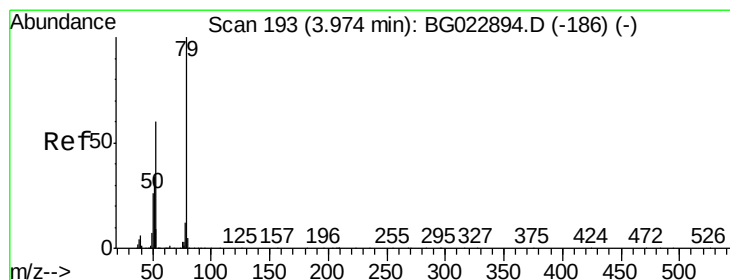
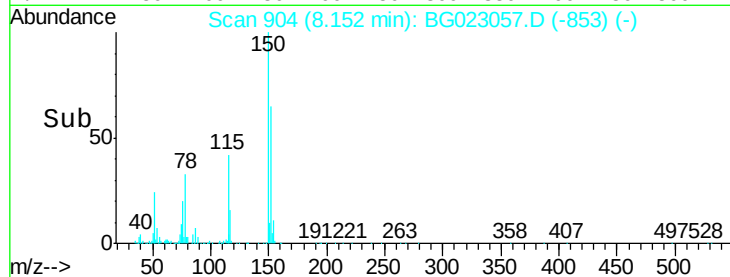
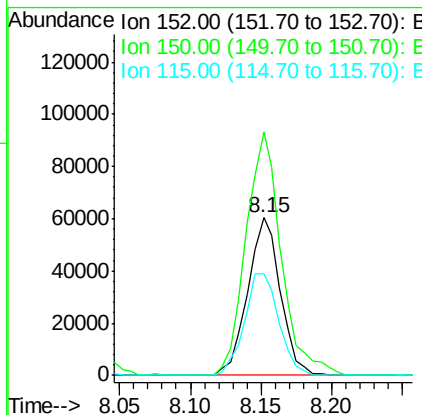
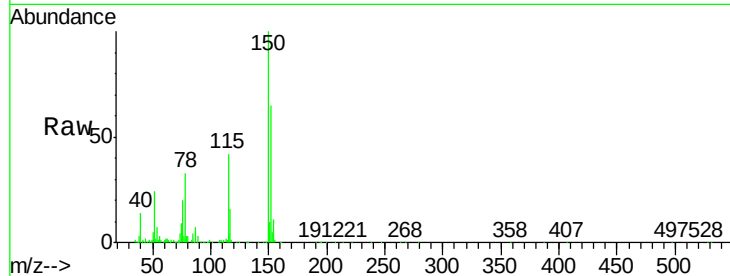
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.15 min Scan# 904  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.6 | 144.7 | 217.1 |
| 115     | 64.3  | 64.0  | 96.0  |

Manual Integrations  
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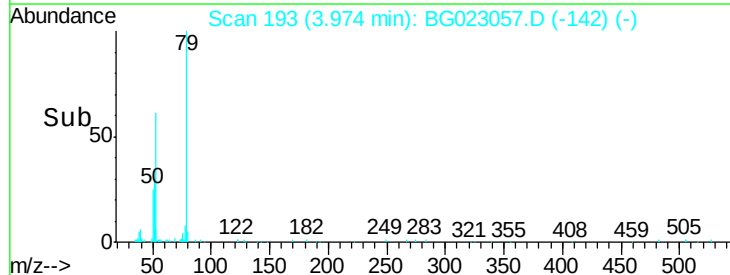
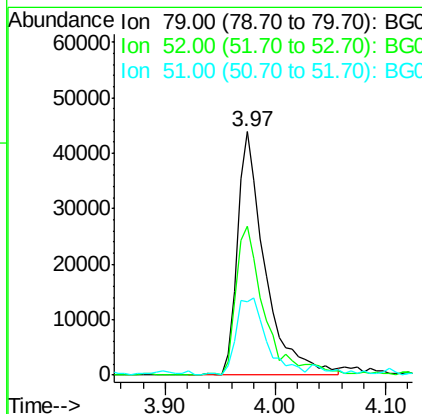
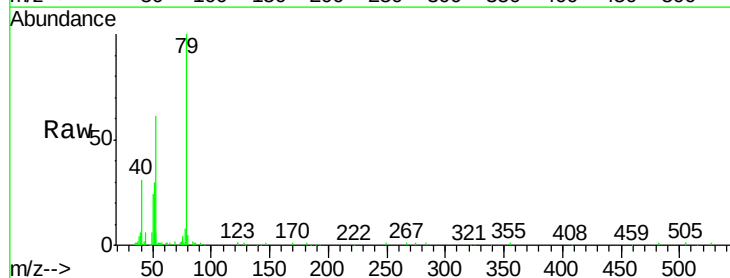
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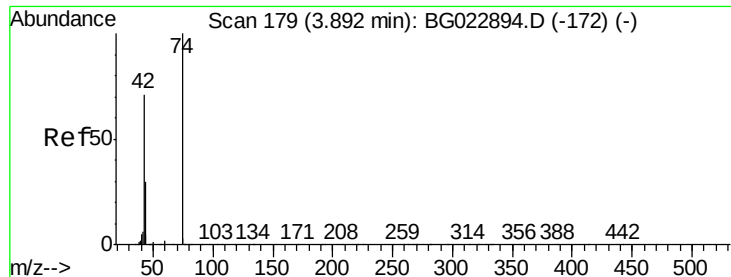


#3

Pyridine  
Concen: 9.66 ng  
RT: 3.97 min Scan# 193  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 61.2  | 51.8  | 77.8  |
| 51      | 30.2  | 32.7  | 49.1  |





#4

n-Nitrosodimethylamine

Concen: 10.43 ng

RT: 3.89 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA\_G

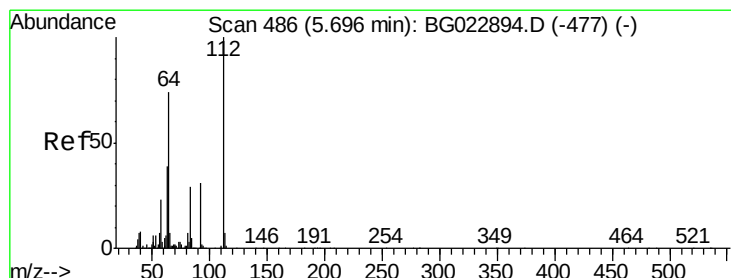
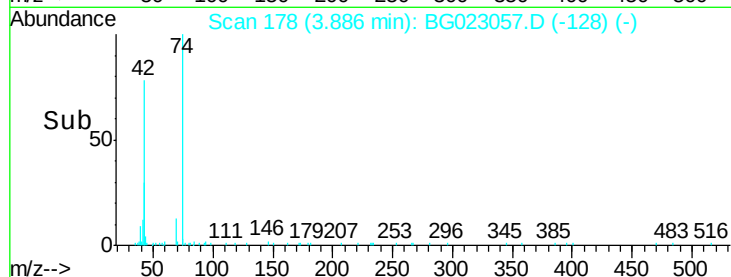
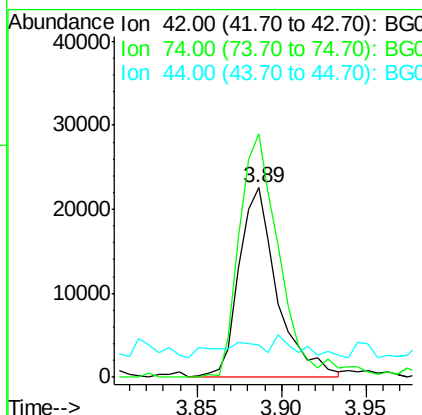
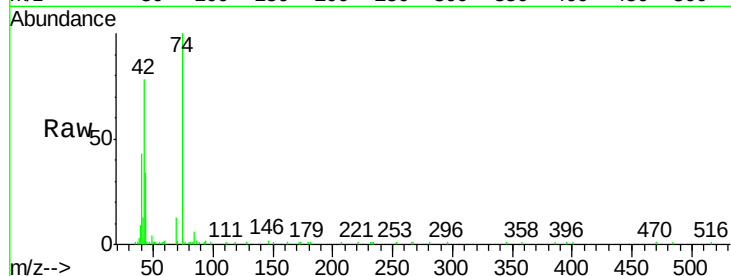
ClientSampleId :

LSS-MW-SB22(20)MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 42    | Resp: | 35508 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 128.4 | 100.6 | 150.8 |
| 44        | 16.9  | 4.5   | 6.7#  |

Manual Integrations  
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#5

2-Fluorophenol

Concen: 67.92 ng

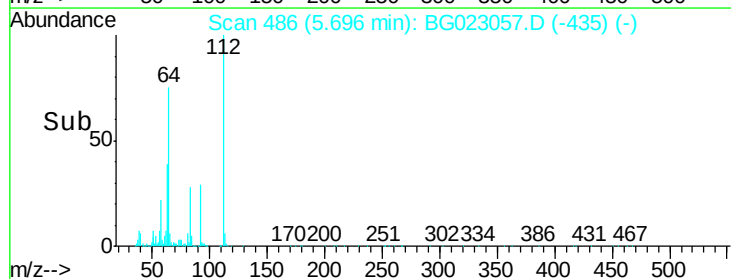
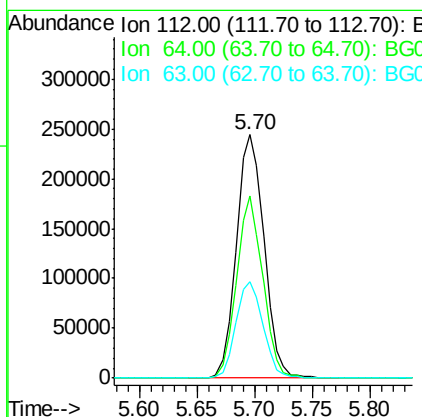
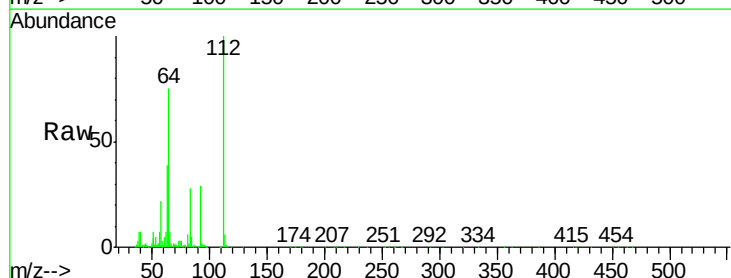
RT: 5.70 min Scan# 486

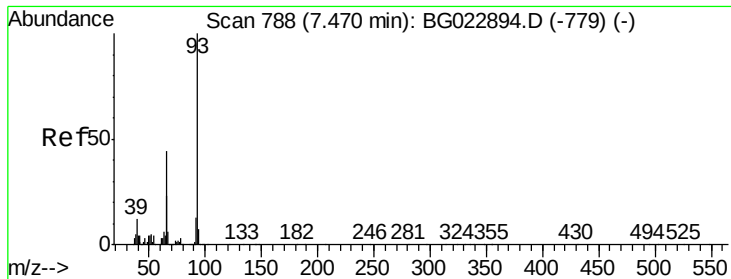
Delta R.T. 0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 405262 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 74.6  | 59.0  | 88.4   |
| 63        | 39.5  | 37.8  | 56.8   |





#6

Aniline

Concen: 8.69 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA\_G

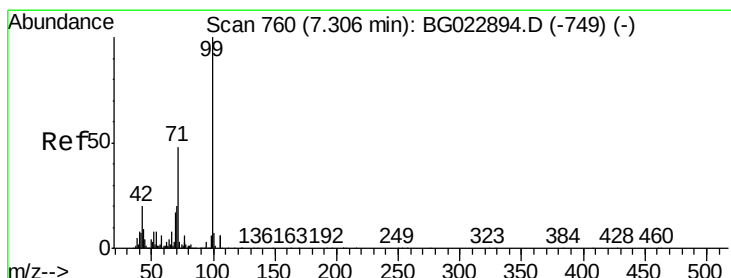
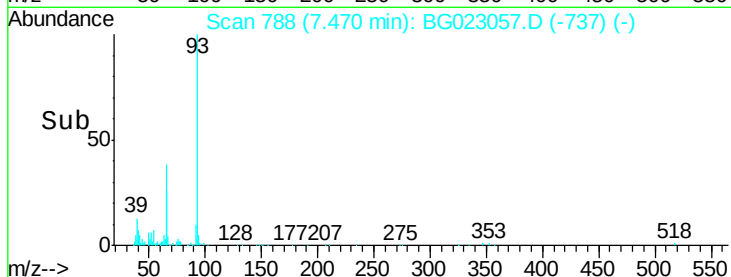
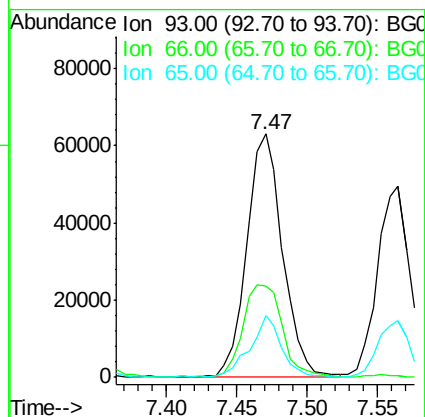
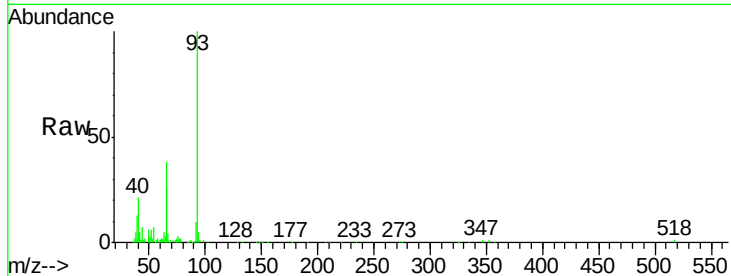
ClientSampleId :

LSS-MW-SB22(20)MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 112496 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 37.7  | 37.5  | 56.3   |
| 65       | 25.6  | 17.9  | 26.9   |

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#7

Phenol-d6

Concen: 43.42 ng

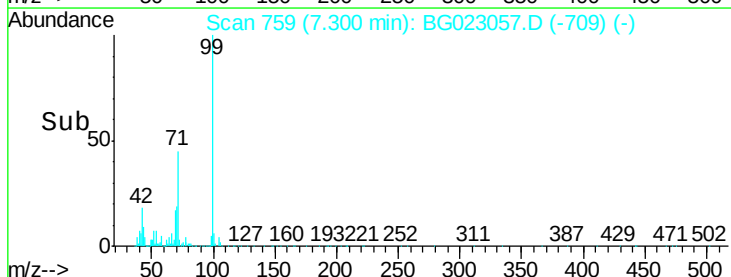
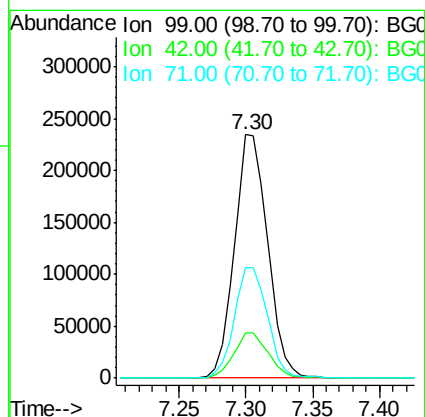
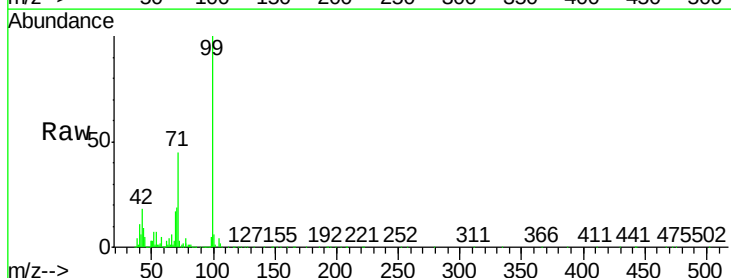
RT: 7.30 min Scan# 759

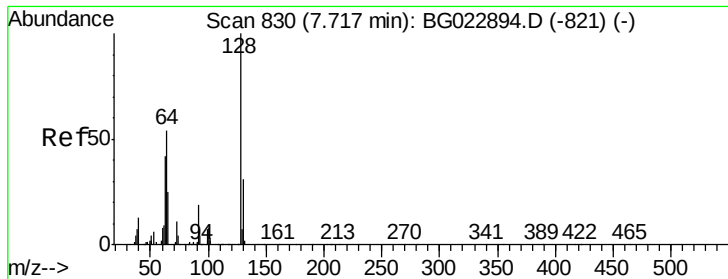
Delta R.T. -0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 405733 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 18.4  | 17.8  | 26.6   |
| 71       | 45.5  | 41.5  | 62.3   |





#8

2-Chlorophenol

Concen: 11.64 ng

RT: 7.71 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA\_G

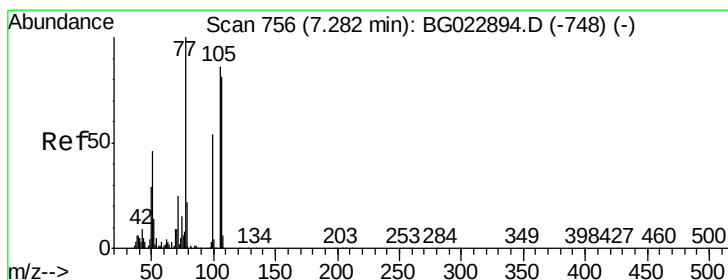
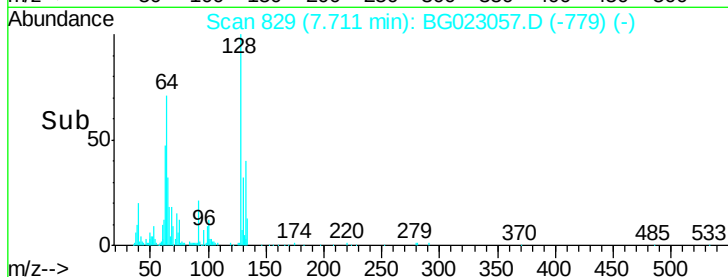
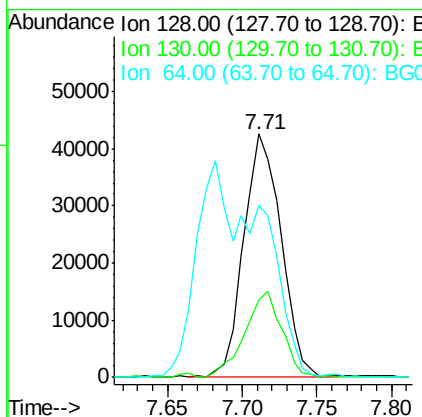
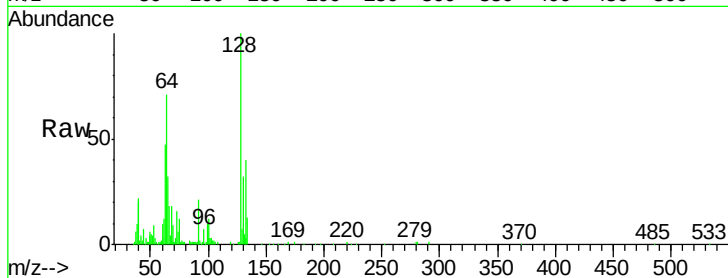
ClientSampleId :

LSS-MW-SB22(20)MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 128   | Resp: | 73920 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 31.5  | 12.9  | 52.9  |
| 64        | 70.6  | 42.0  | 82.0  |

Manual Integrations  
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#9

Benzaldehyde

Concen: 6.83 ng

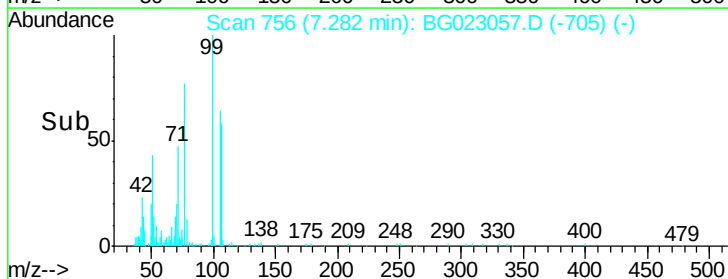
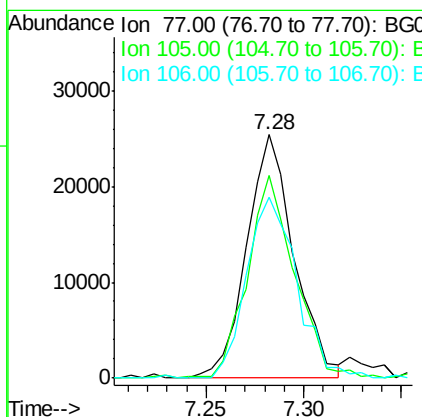
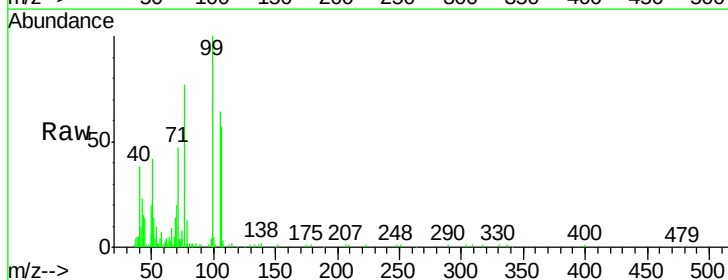
RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

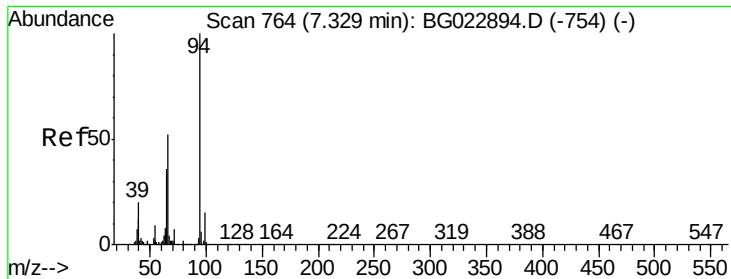
Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 42628 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 83.2  | 58.7  | 98.7  |
| 106       | 74.4  | 67.5  | 107.5 |







#10

Phenol

Concen: 13.64 ng

RT: 7.34 min Scan# 765

Delta R.T. 0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA\_G

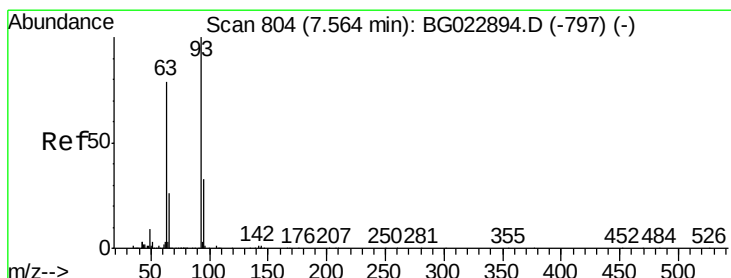
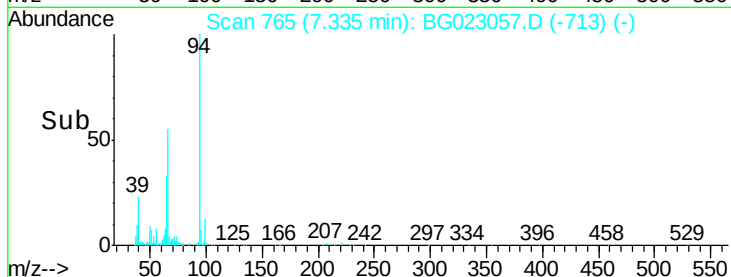
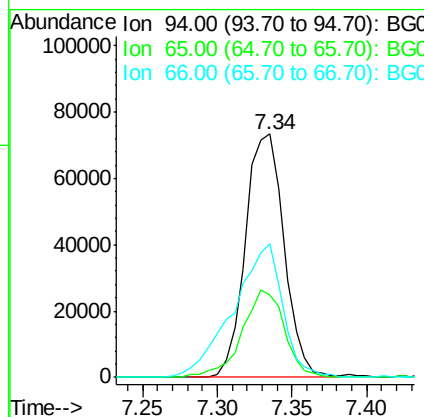
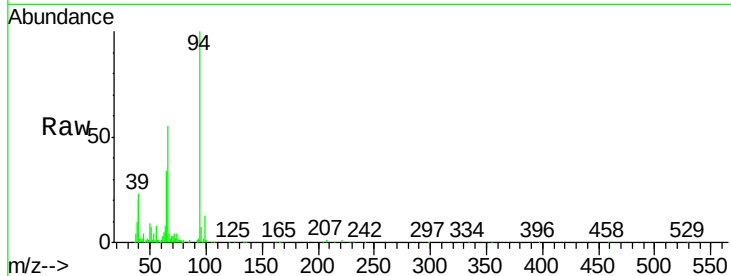
ClientSampleId :

LSS-MW-SB22(20)MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 94    | Resp: | 131199 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 33.7  | 18.1  | 58.1   |
| 66       | 54.9  | 42.1  | 82.1   |

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#11

bis(2-Chloroethyl)ether

Concen: 10.39 ng

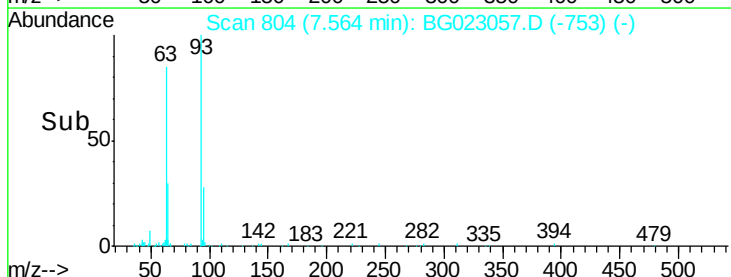
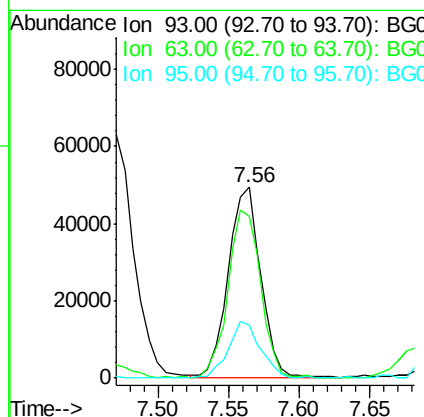
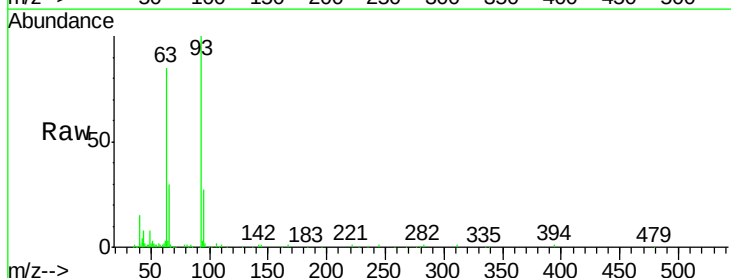
RT: 7.56 min Scan# 804

Delta R.T. -0.00 min

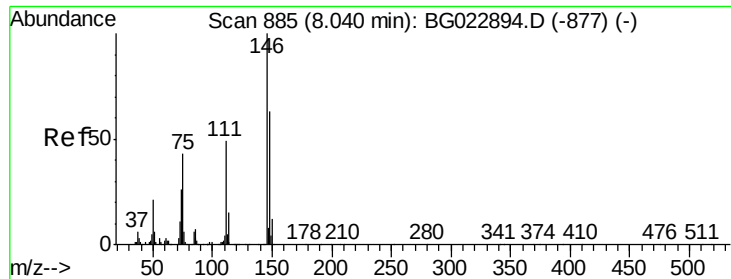
Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 79155 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 84.8  | 55.0  | 95.0  |
| 95       | 27.5  | 11.0  | 51.0  |







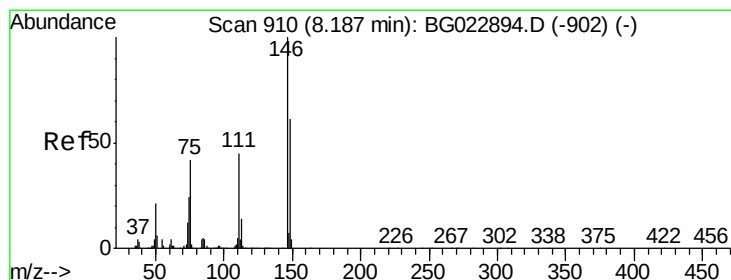
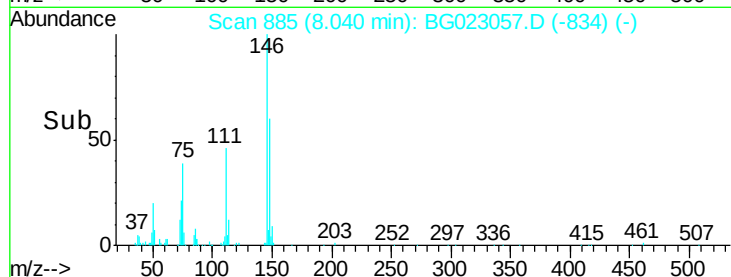
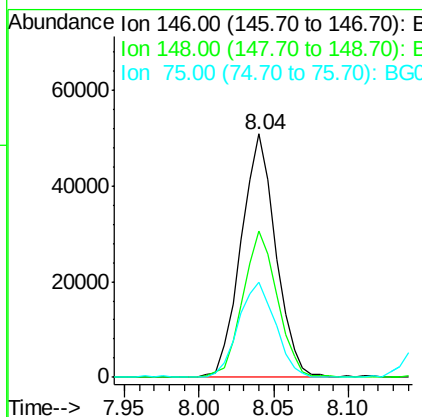
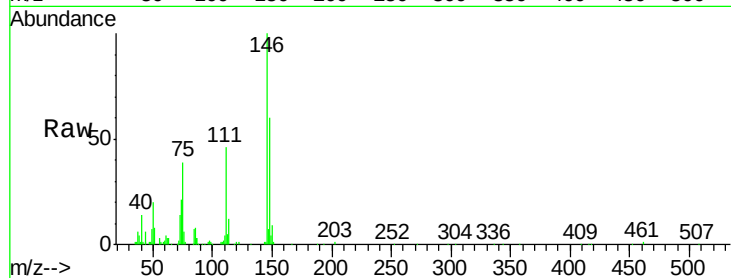
#12  
1,3-Dichlorobenzene  
Concen: 10.57 ng  
RT: 8.04 min Scan# 885  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 59.9  | 50.3  | 75.5  |
| 75      | 38.8  | 37.0  | 55.6  |

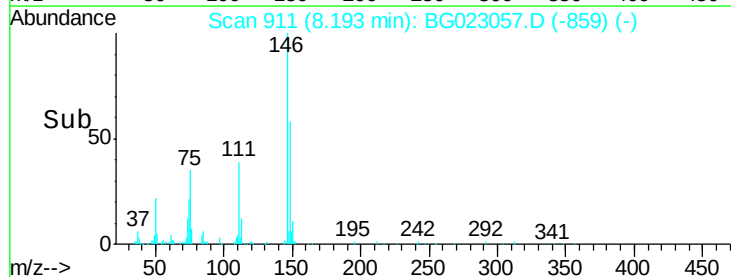
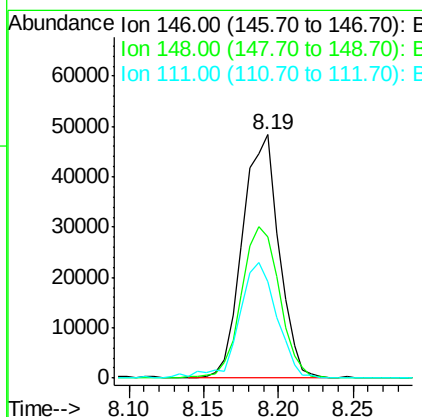
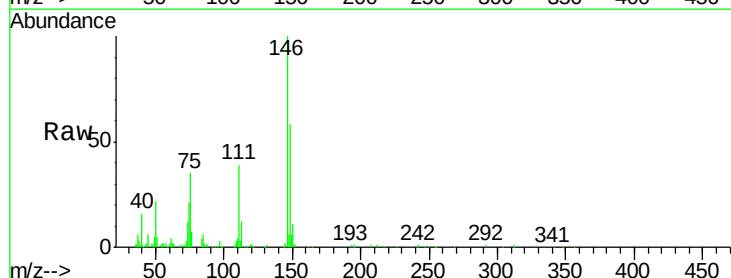
Manual Integrations  
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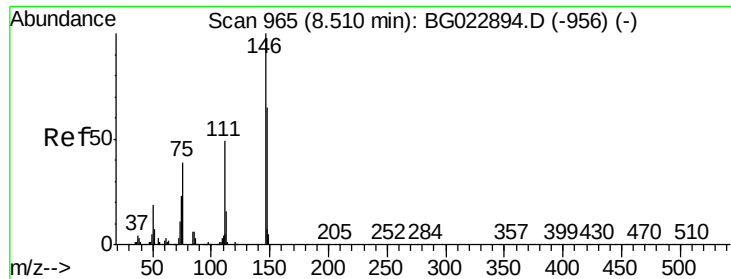
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#13  
1,4-Dichlorobenzene  
Concen: 10.53 ng  
RT: 8.19 min Scan# 911  
Delta R.T. 0.01 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 58.1  | 54.5  | 81.7  |
| 111     | 39.4  | 37.8  | 56.8  |





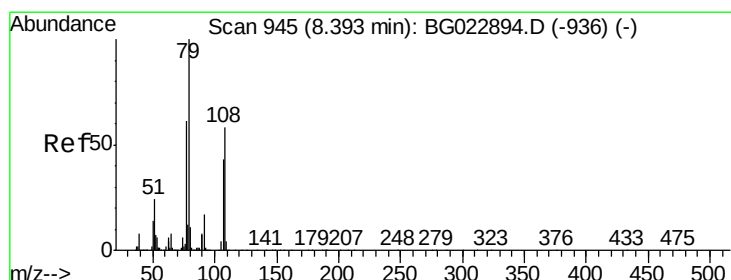
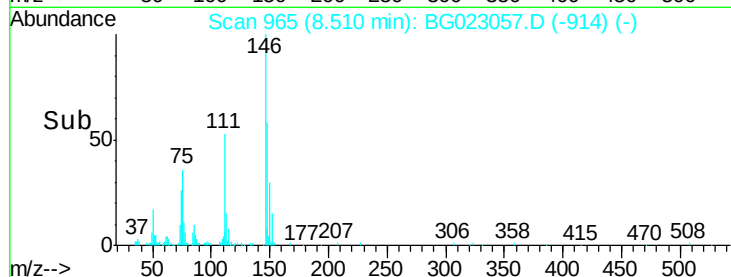
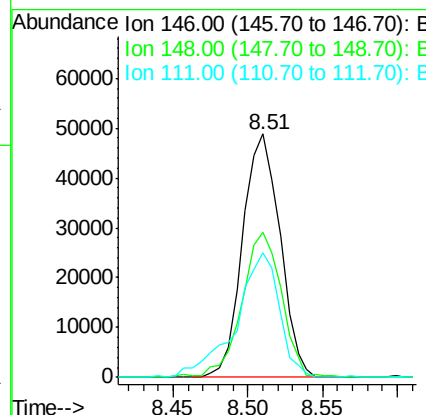
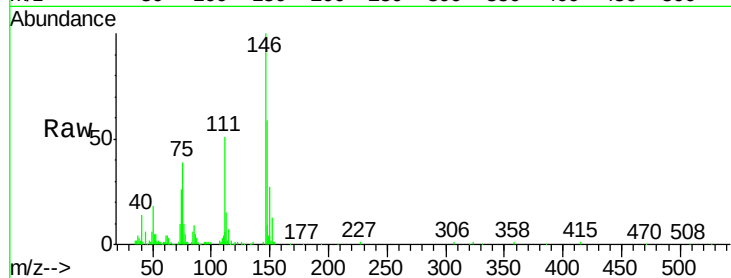
#14  
 1,2-Dichlorobenzene  
 Concen: 10.96 ng  
 RT: 8.51 min Scan# 965  
 Delta R.T. -0.00 min  
 Lab File: BG023057.D  
 Acq: 13 Jul 2016 5:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 59.5  | 52.9  | 79.3  |
| 111     | 51.2  | 43.5  | 65.3  |

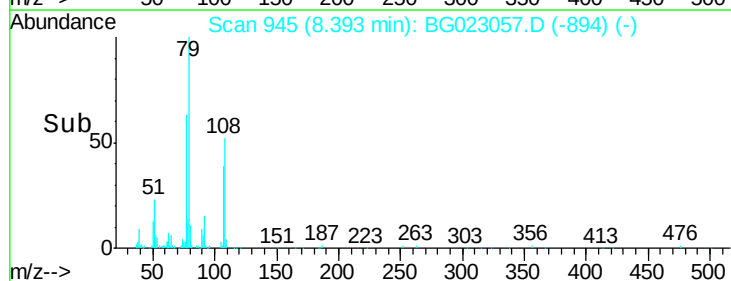
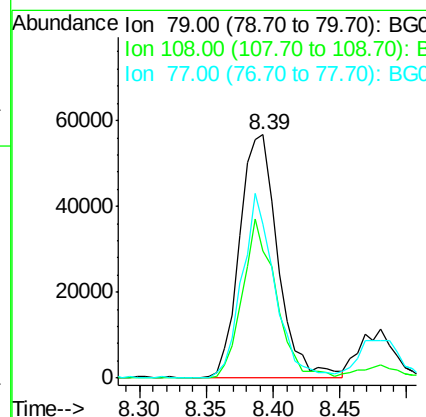
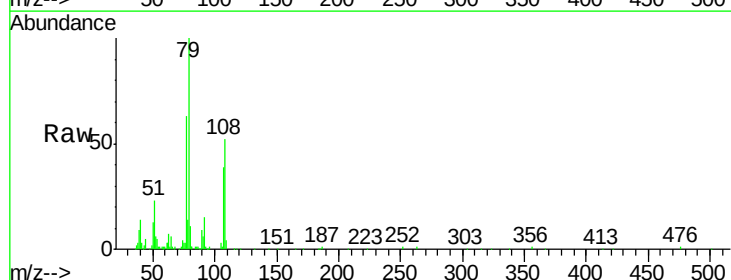
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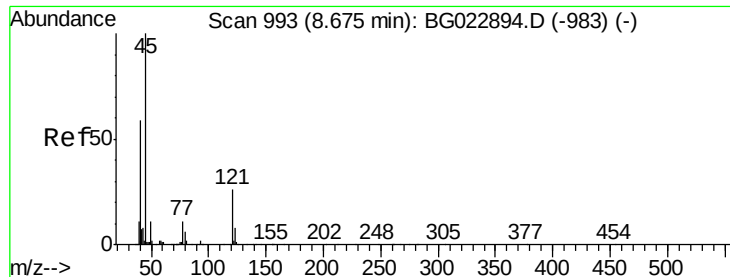
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#15  
 Benzyl Alcohol  
 Concen: 13.12 ng  
 RT: 8.39 min Scan# 945  
 Delta R.T. -0.00 min  
 Lab File: BG023057.D  
 Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 52.5  | 46.5  | 69.7  |
| 77      | 63.2  | 52.3  | 78.5  |





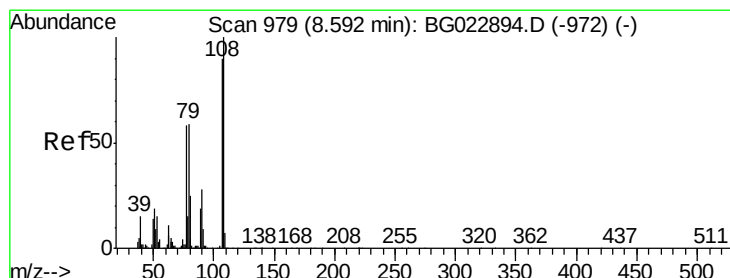
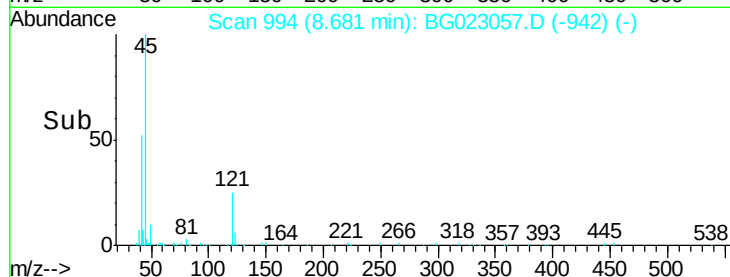
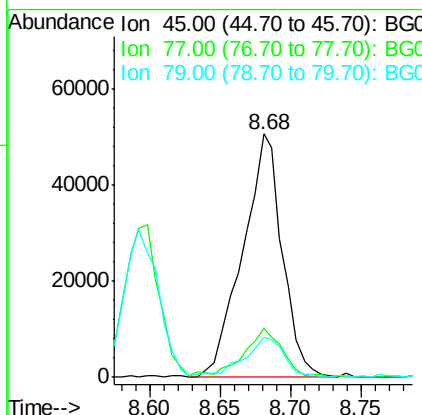
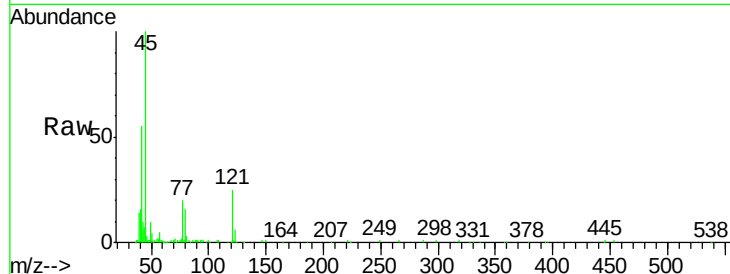
#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 10.67 ng  
RT: 8.68 min Scan# 994  
Delta R.T. 0.01 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 20.2  | 0.6   | 40.6  |
| 79      | 16.4  | 0.0   | 36.2  |

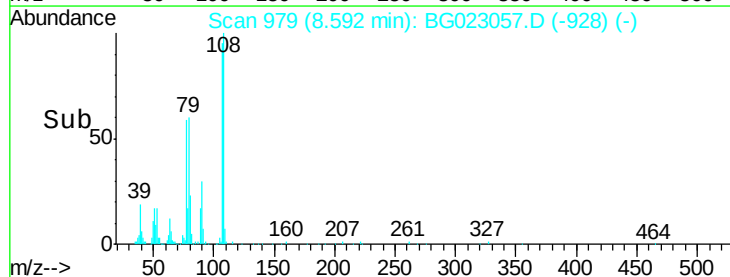
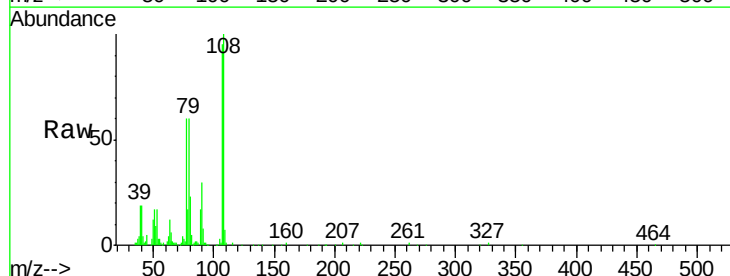
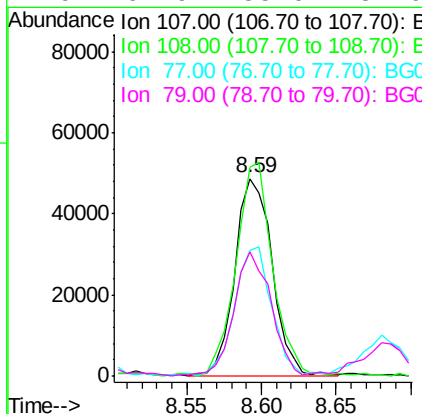
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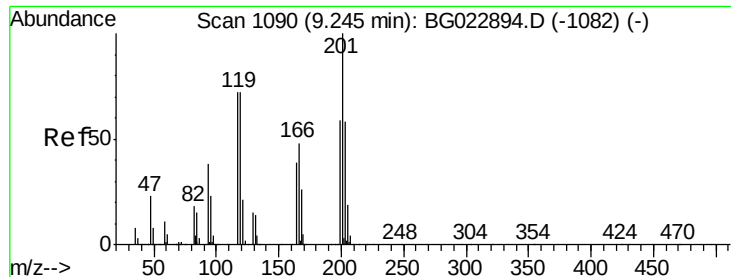
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#17  
2-Methylphenol  
Concen: 13.53 ng  
RT: 8.59 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 105.7 | 92.0  | 138.0 |
| 77      | 63.4  | 55.8  | 83.6  |
| 79      | 62.9  | 55.0  | 82.6  |





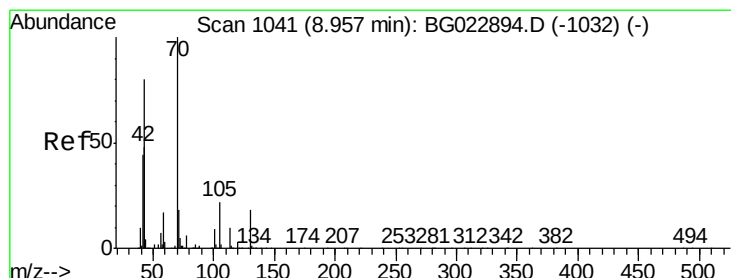
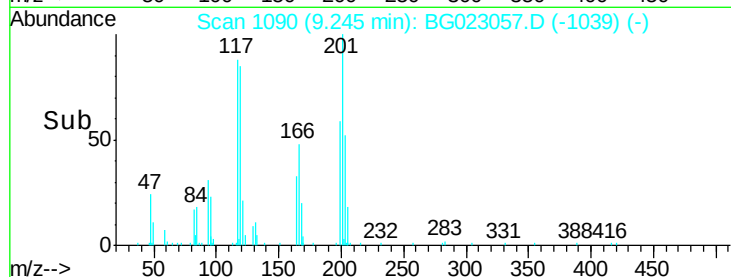
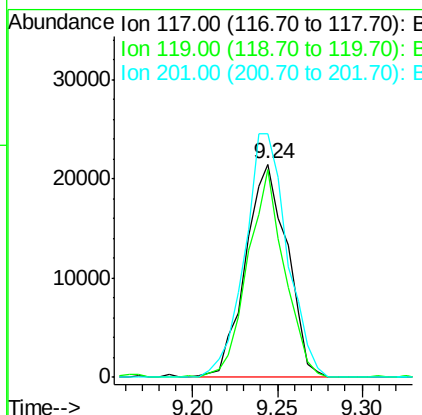
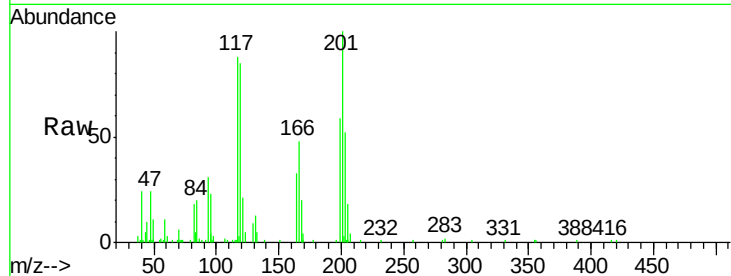
#18  
Hexachloroethane  
Concen: 11.25 ng  
RT: 9.24 min Scan# 1090  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 36954 |       |       |
| 119     | 97.5  | 73.7  | 110.5 |       |
| 201     | 114.2 | 88.7  | 133.1 |       |

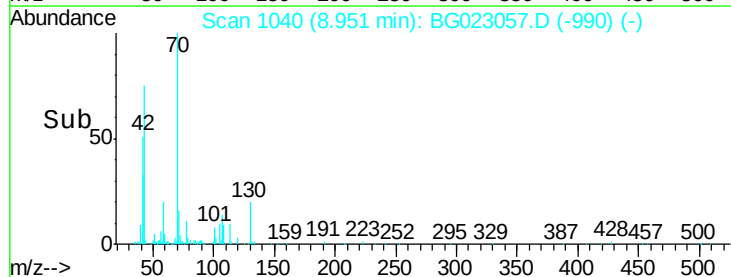
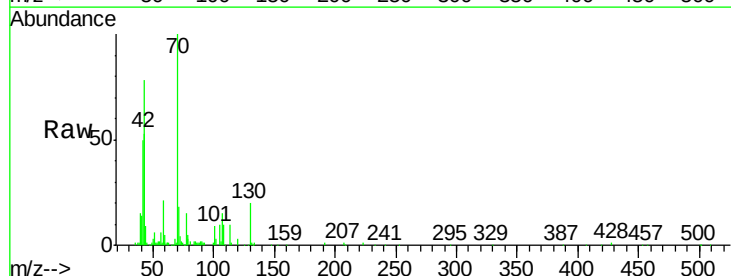
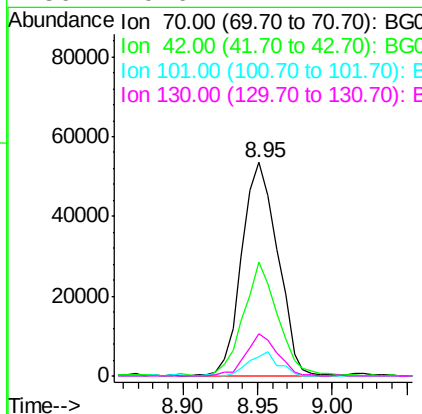
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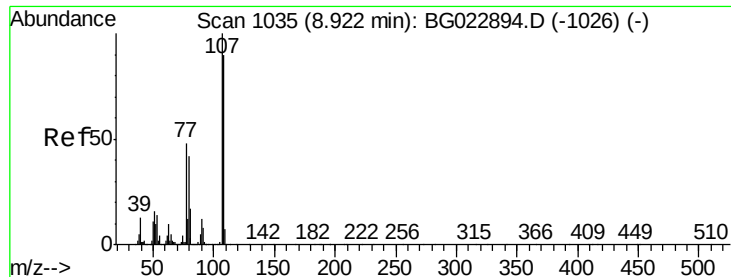
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#19  
n-Nitroso-di-n-propylamine  
Concen: 10.60 ng  
RT: 8.95 min Scan# 1040  
Delta R.T. -0.01 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 70      | 100   | 89337 |       |       |
| 42      | 53.4  | 42.1  | 63.1  |       |
| 101     | 9.0   | 7.2   | 10.8  |       |
| 130     | 19.6  | 14.2  | 21.2  |       |





#20

3+4-Methylphenols

Concen: 12.86 ng

RT: 8.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA\_G

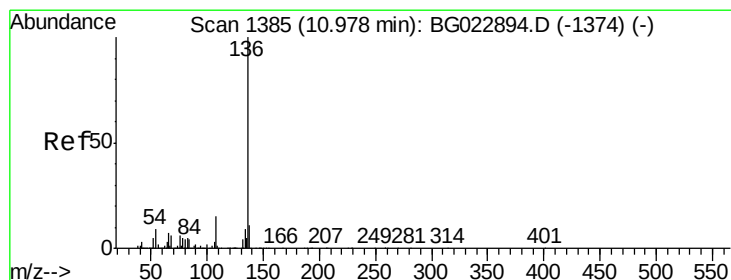
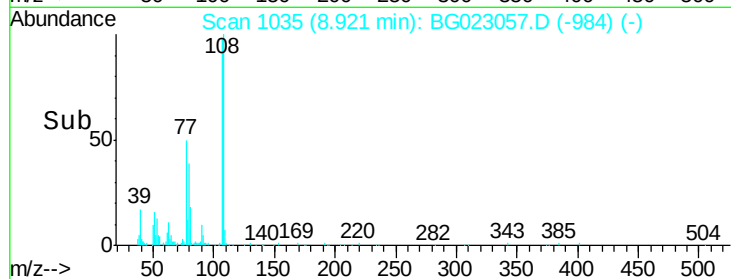
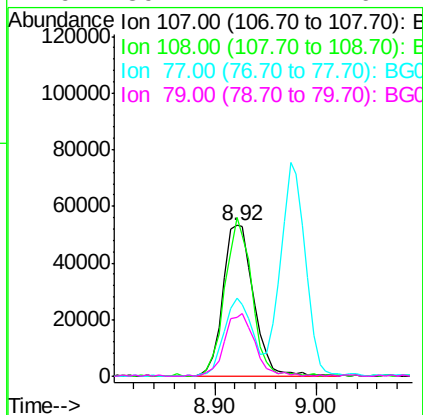
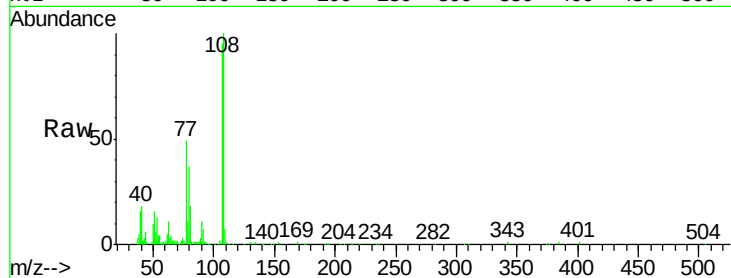
ClientSampleId :

LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 105.1 | 72.5  | 112.5 |
| 77      | 51.6  | 30.1  | 70.1  |
| 79      | 39.4  | 24.2  | 64.2  |

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#21

Naphthalene-d8

Concen: 20.00 ng

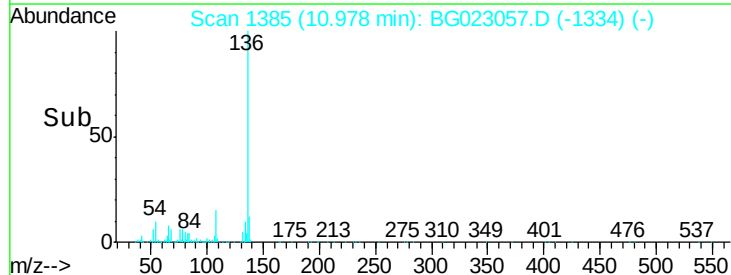
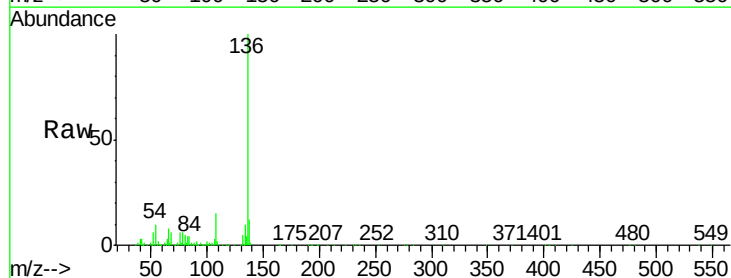
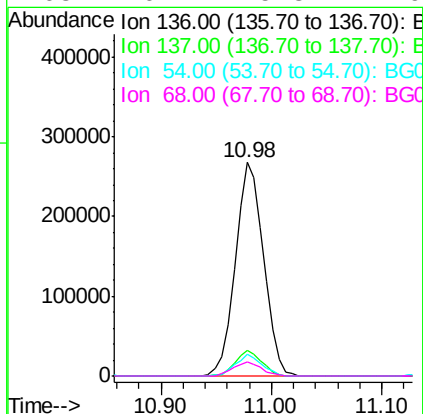
RT: 10.98 min Scan# 1385

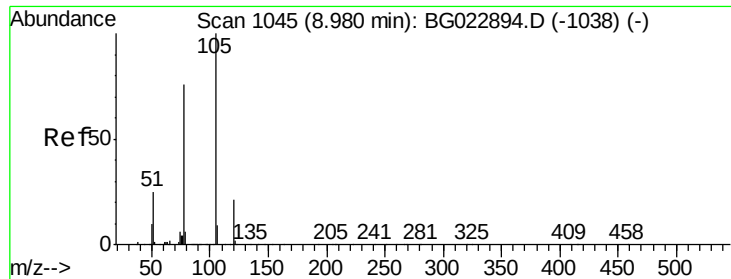
Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 12.0  | 9.6   | 14.4  |
| 54      | 10.0  | 7.3   | 10.9  |
| 68      | 6.4   | 5.3   | 7.9   |





#22

Acetophenone

Concen: 10.32 ng

RT: 8.97 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA\_G

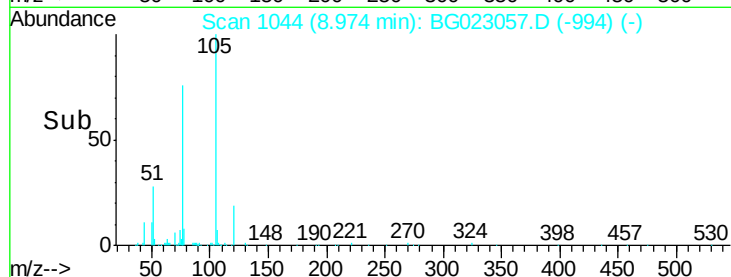
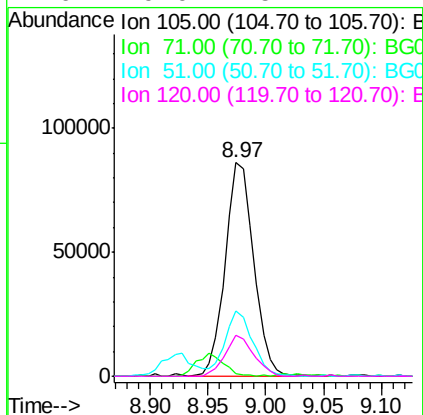
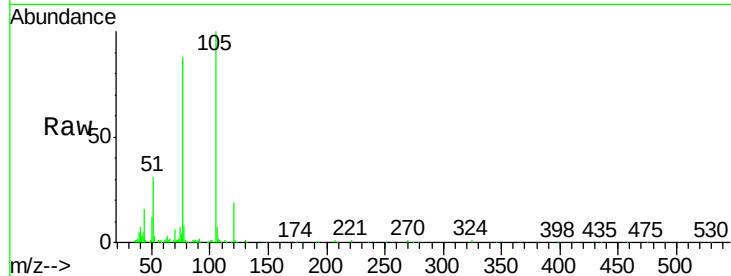
ClientSampleId :

LSS-MW-SB22(20)MSD

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 105     | 105 | 100   | 148315 |       |       |
| 71      | 71  | 1.0   | 2.6    | 3.8#  |       |
| 51      | 51  | 30.5  | 27.1   | 40.7  |       |
| 120     | 120 | 19.0  | 15.1   | 22.7  |       |

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#23

Nitrobenzene-d5

Concen: 98.51 ng

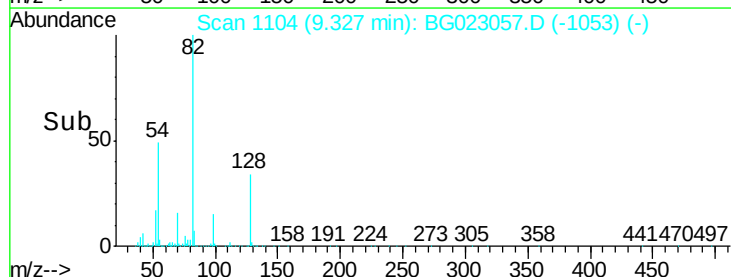
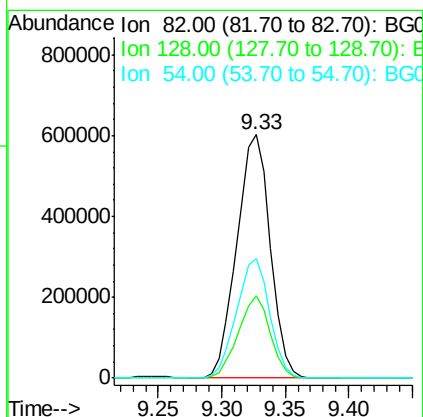
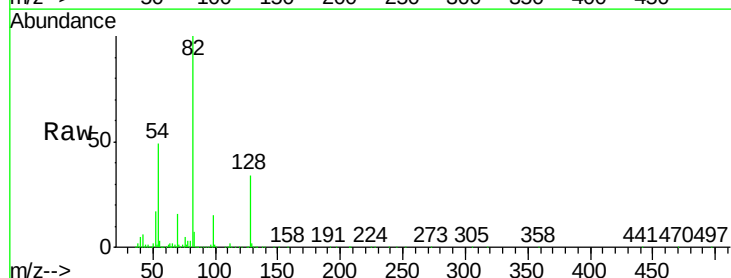
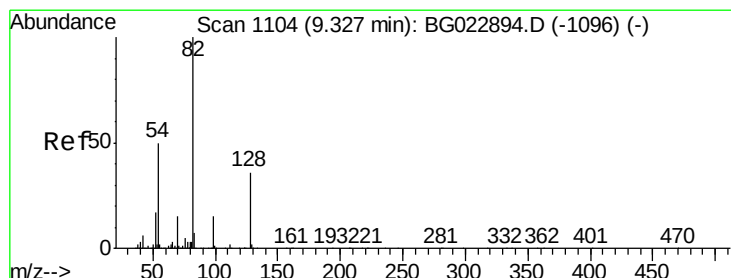
RT: 9.33 min Scan# 1104

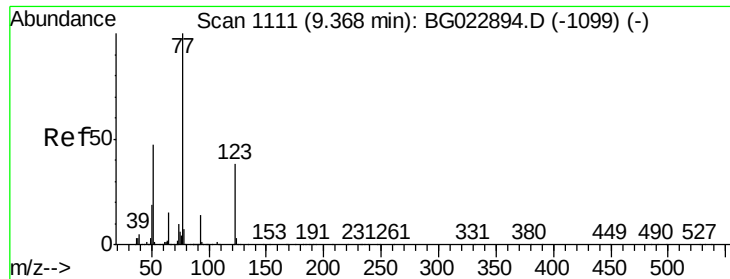
Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

| Tgt Ion | Ion | Ratio | Resp    | Lower | Upper |
|---------|-----|-------|---------|-------|-------|
| 82      | 82  | 100   | 1101204 |       |       |
| 128     | 128 | 33.8  | 24.4    | 36.6  |       |
| 54      | 54  | 49.1  | 41.4    | 62.0  |       |





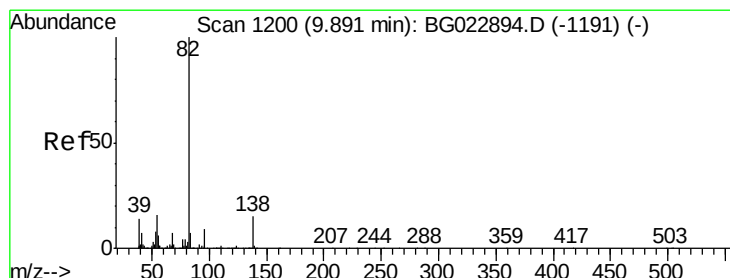
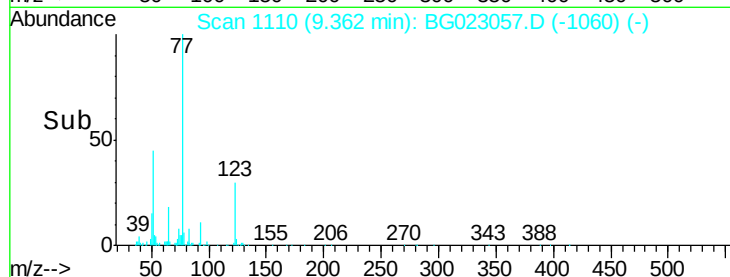
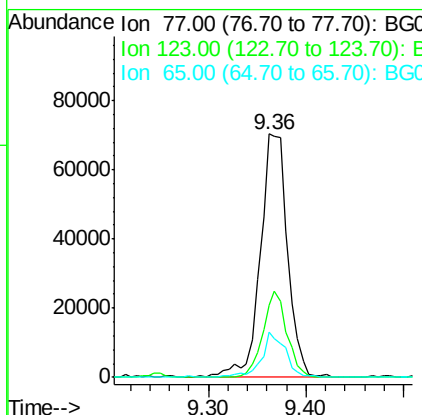
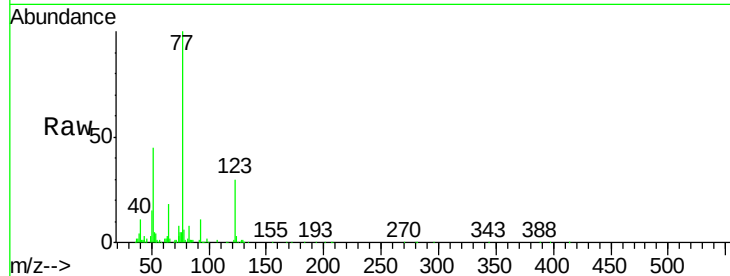
#24  
 Nitrobenzene  
 Concen: 11.66 ng  
 RT: 9.36 min Scan# 1110  
 Delta R.T. -0.01 min  
 Lab File: BG023057.D  
 Acq: 13 Jul 2016 5:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 29.9  | 25.0  | 37.6  |
| 65      | 18.4  | 13.4  | 20.0  |

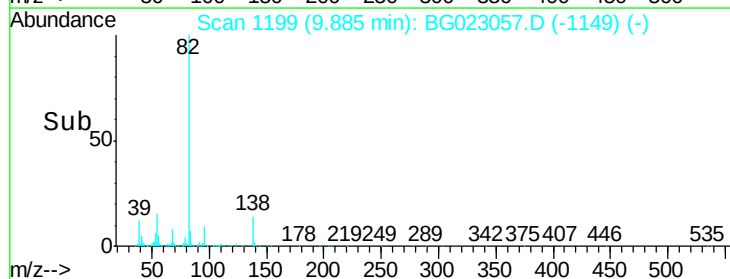
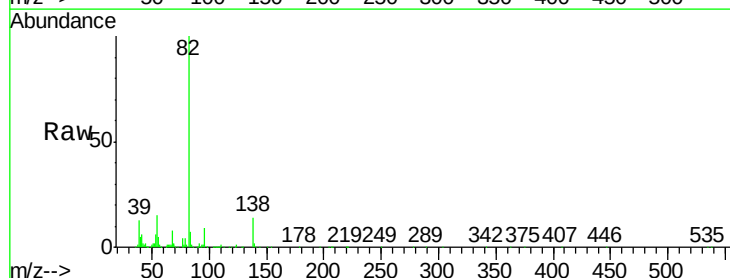
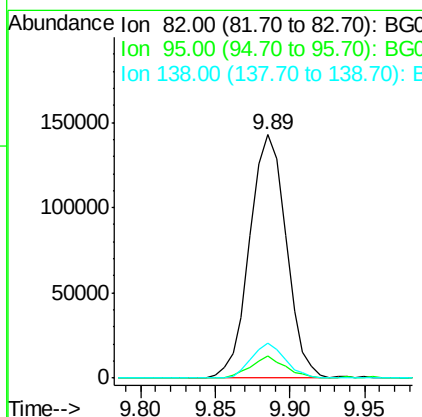
Manual Integrations  
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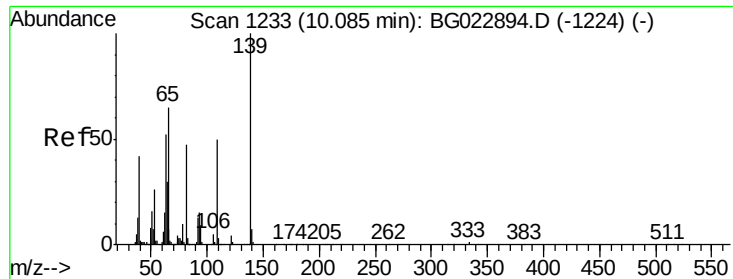


#25  
 Isophorone  
 Concen: 10.77 ng  
 RT: 9.89 min Scan# 1199  
 Delta R.T. -0.01 min  
 Lab File: BG023057.D  
 Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 9.1   | 8.2   | 12.2  |
| 138     | 14.3  | 10.7  | 16.1  |







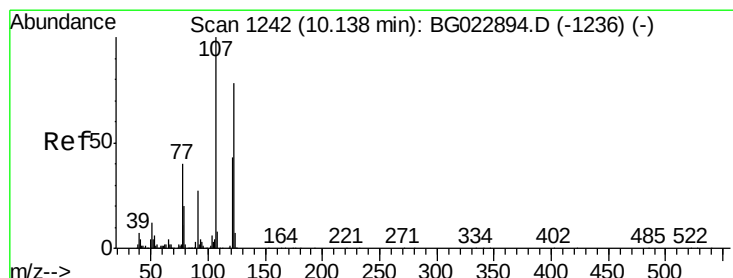
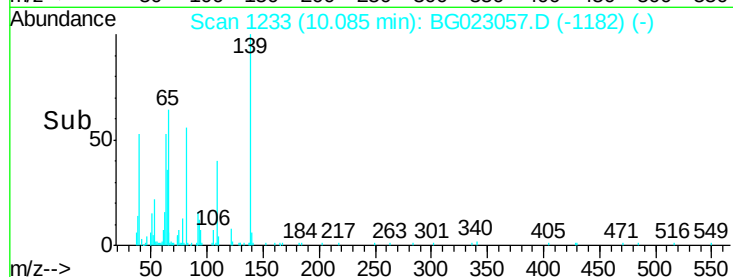
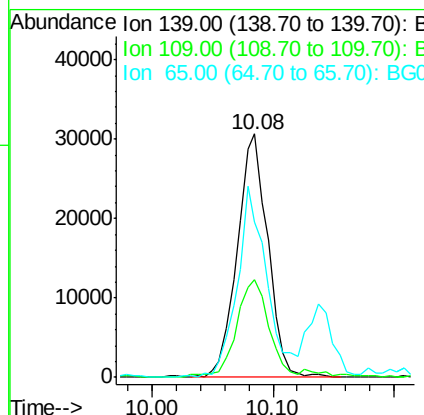
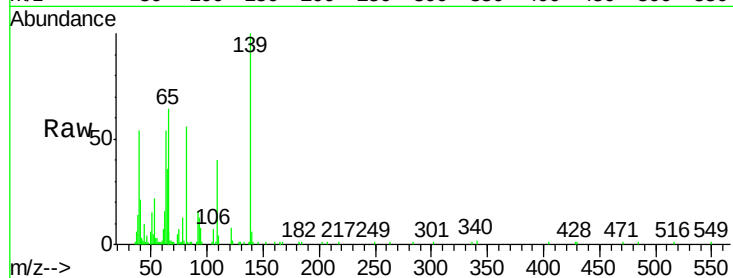
#26  
2-Nitrophenol  
Concen: 11.56 ng  
RT: 10.08 min Scan# 1233  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 139     | 100   |            |       |
| 109     | 40.0  | 43.5       | 65.3# |
| 65      | 63.9  | 64.3       | 96.5# |

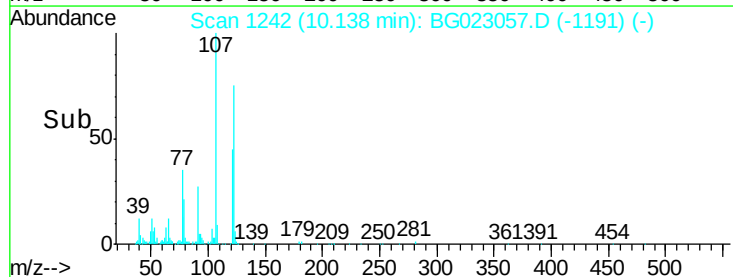
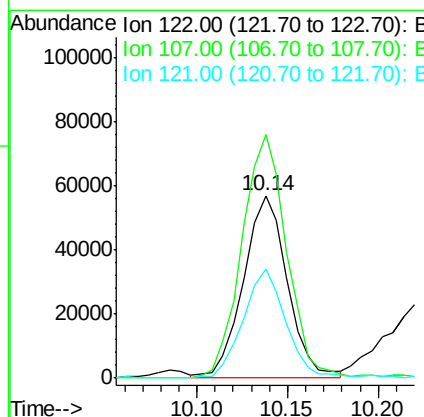
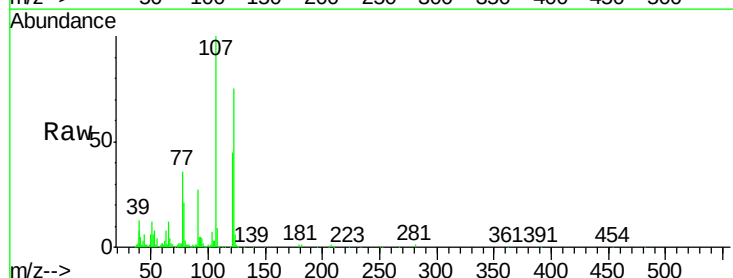
Manual Integrations  
APPROVED

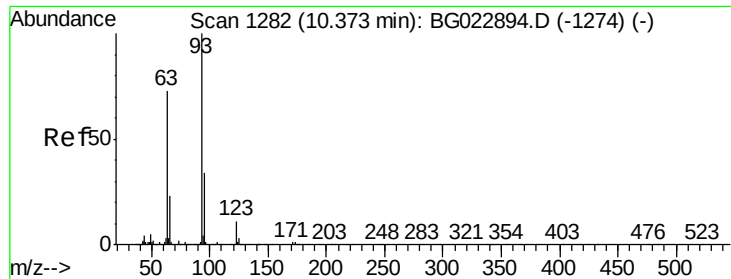
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#27  
2,4-Dimethylphenol  
Concen: 11.78 ng  
RT: 10.14 min Scan# 1242  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 122     | 100   |            |       |
| 107     | 133.5 | 117.0      | 175.4 |
| 121     | 60.2  | 50.1       | 75.1  |





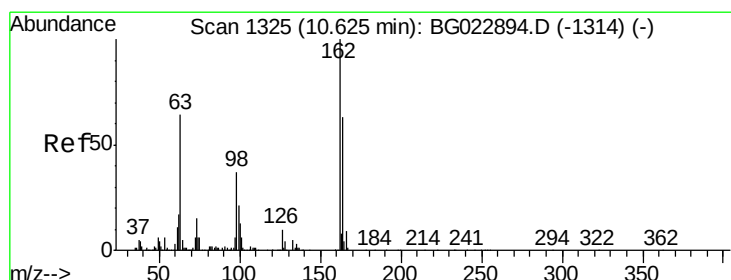
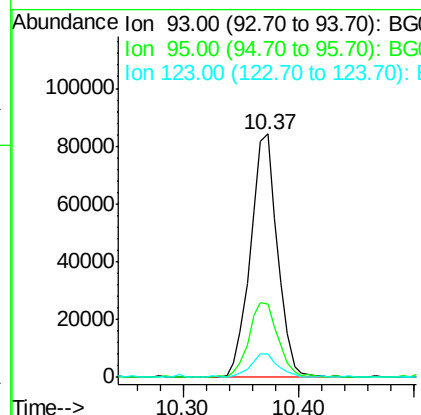
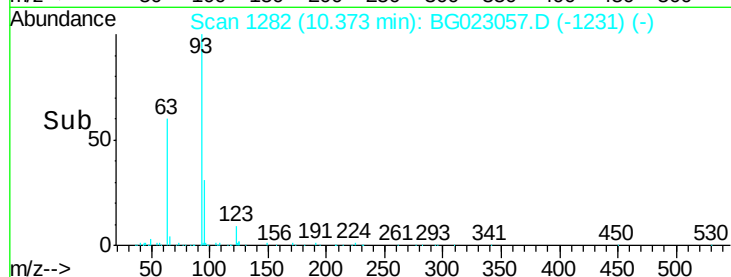
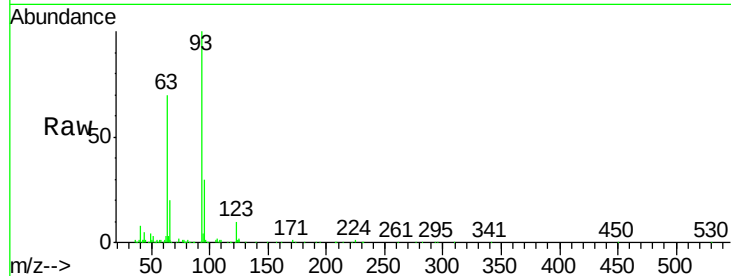
#28  
bis(2-Chloroethoxy)methane  
Concen: 10.93 ng  
RT: 10.37 min Scan# 1282  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 30.3  | 25.4  | 38.2  |
| 123     | 9.7   | 8.2   | 12.2  |

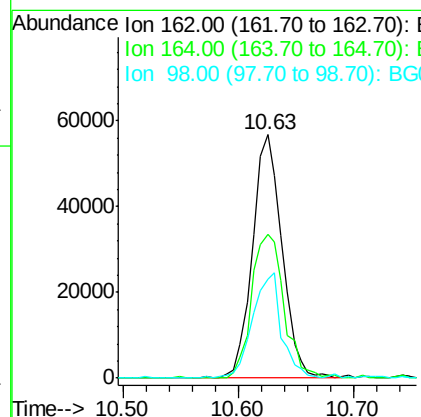
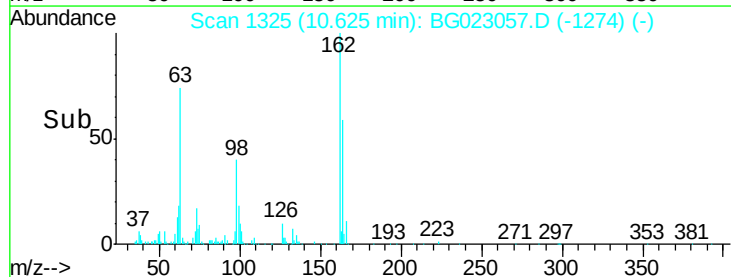
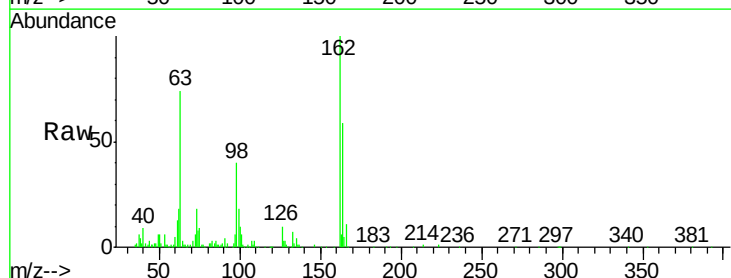
Manual Integrations  
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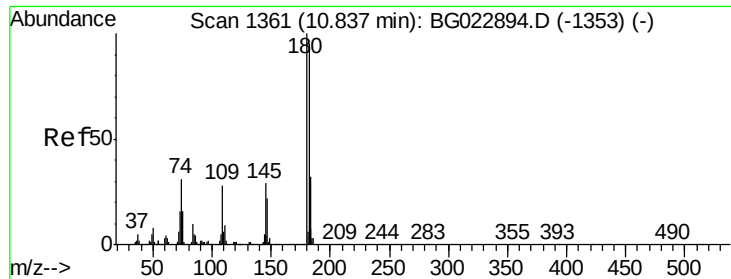
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#29  
2,4-Dichlorophenol  
Concen: 11.80 ng  
RT: 10.63 min Scan# 1325  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 59.0  | 44.3  | 84.3  |
| 98      | 40.5  | 19.5  | 59.5  |





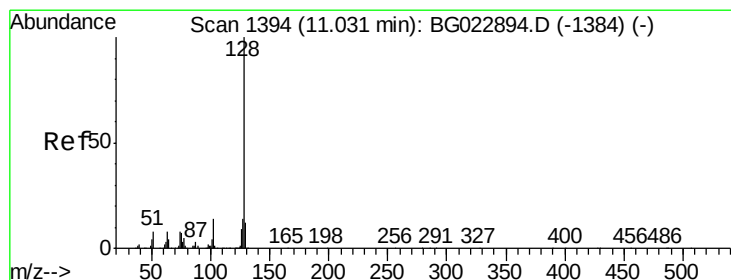
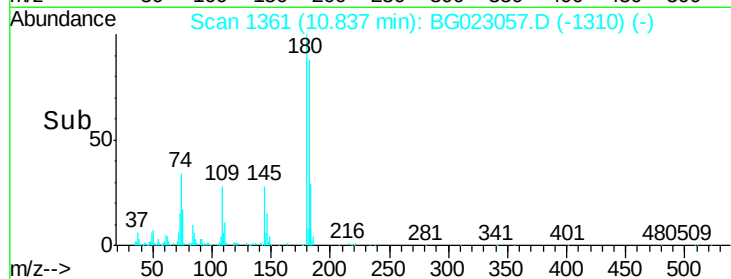
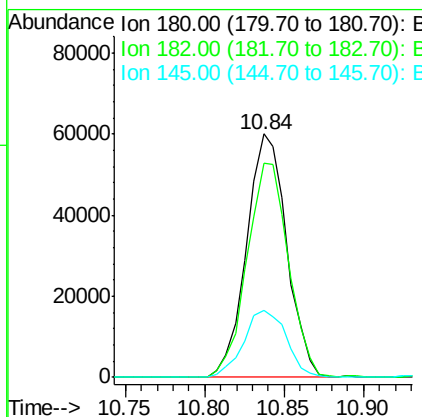
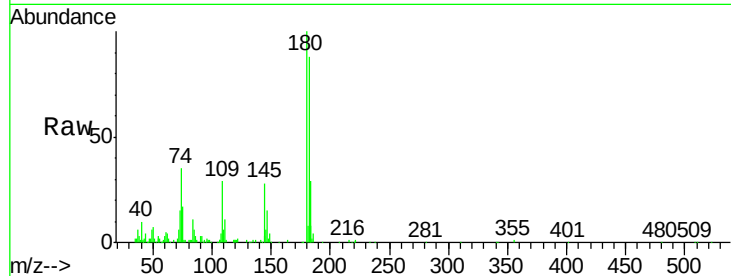
#30  
1,2,4-Trichlorobenzene  
Concen: 10.73 ng  
RT: 10.84 min Scan# 1361  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 87.9  | 73.8  | 110.8 |
| 145     | 27.5  | 24.4  | 36.6  |

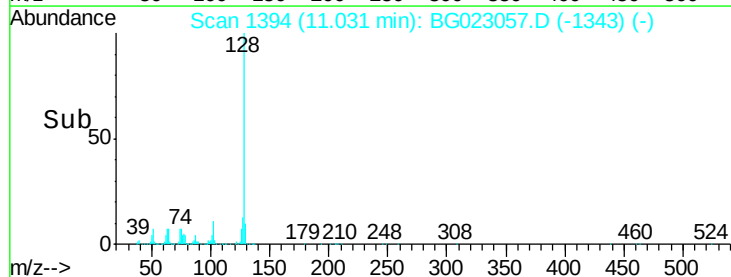
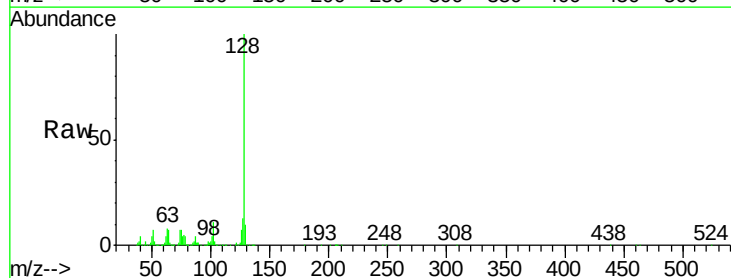
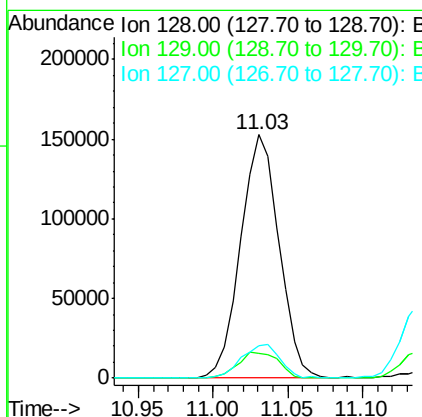
Manual Integrations  
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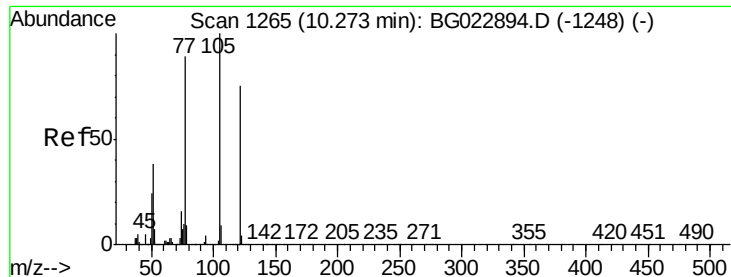
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#31  
Naphthalene  
Concen: 11.16 ng  
RT: 11.03 min Scan# 1394  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.4  | 9.4   | 14.0  |
| 127     | 13.4  | 11.3  | 16.9  |





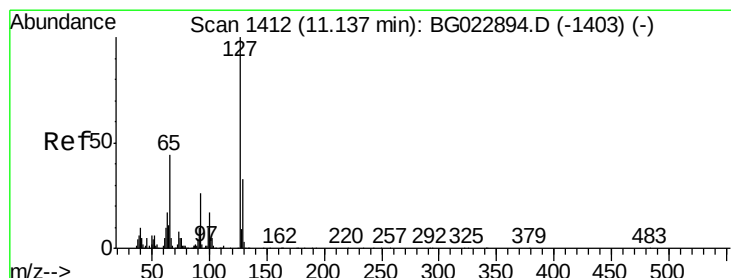
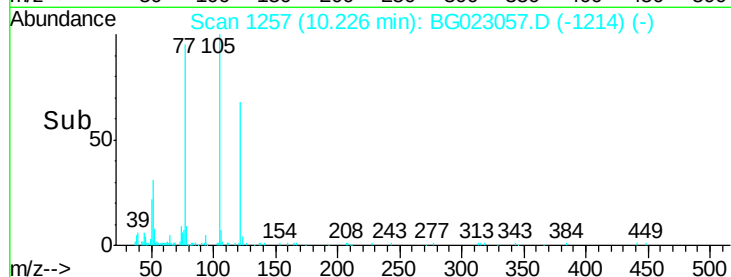
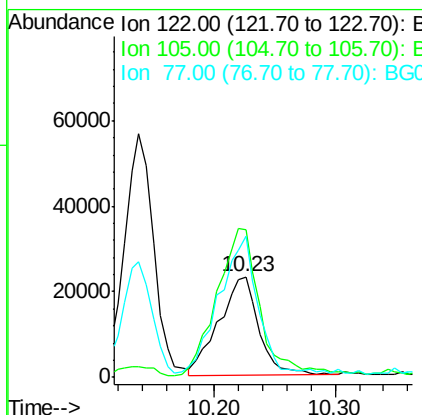
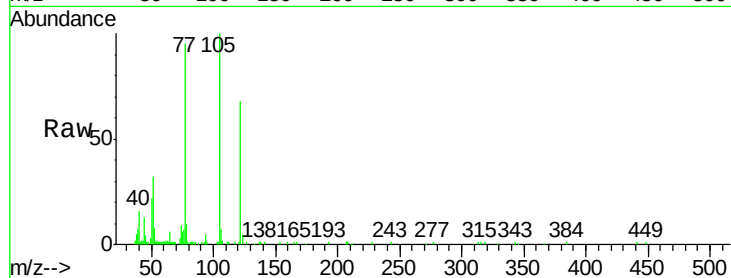
#32  
Benzoic acid  
Concen: 7.27 ng  
RT: 10.23 min Scan# 1257  
Delta R.T. -0.05 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 147.0 | 117.2 | 157.2 |
| 77      | 140.3 | 109.2 | 149.2 |

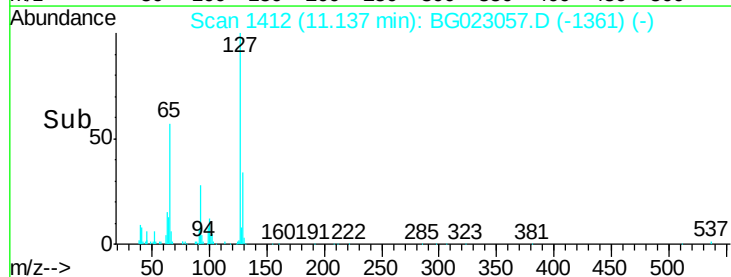
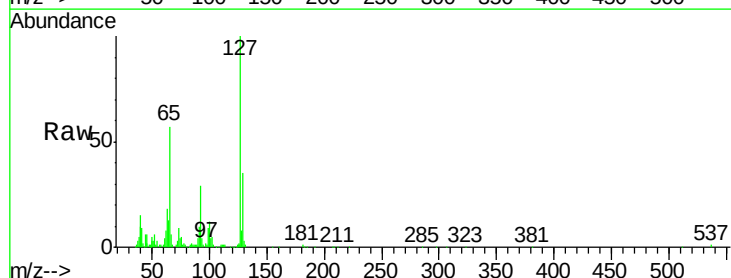
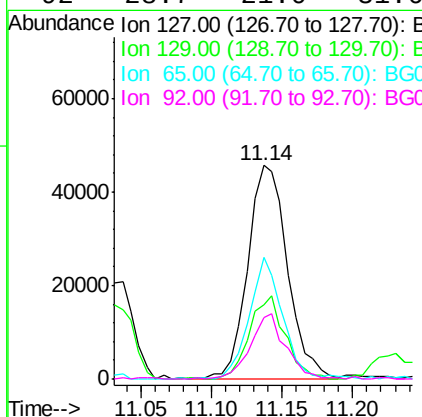
Manual Integrations  
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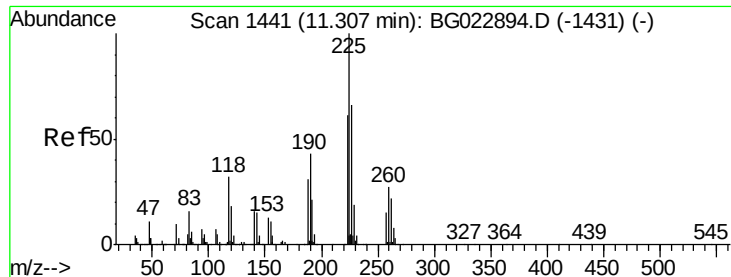
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#33  
4-Chloroaniline  
Concen: 7.56 ng  
RT: 11.14 min Scan# 1412  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 35.0  | 27.9  | 41.9  |
| 65      | 56.9  | 36.8  | 55.2# |
| 92      | 28.7  | 21.0  | 31.6  |





#34

Hexachlorobutadiene

Concen: 9.78 ng

RT: 11.31 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA\_G

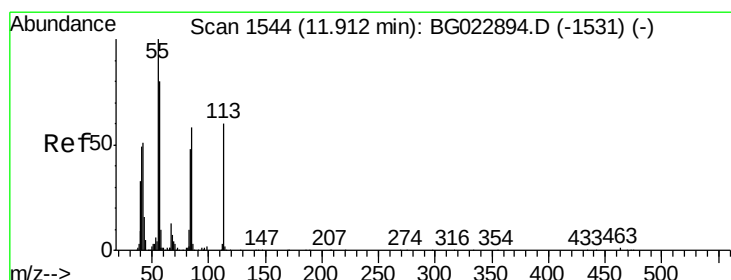
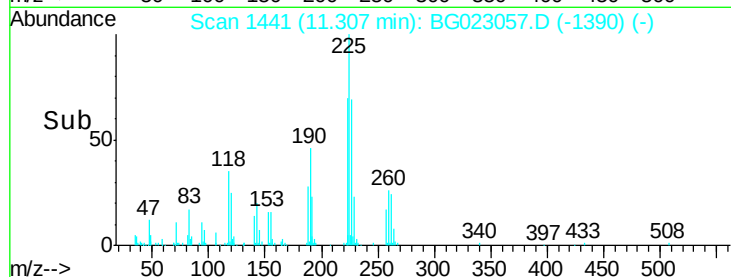
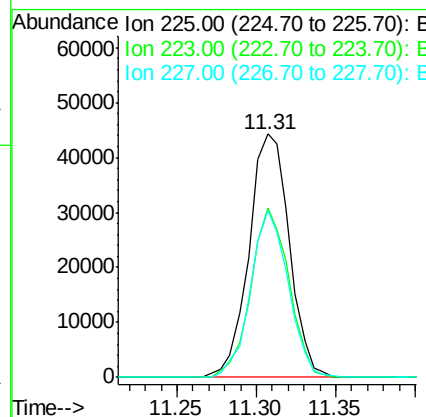
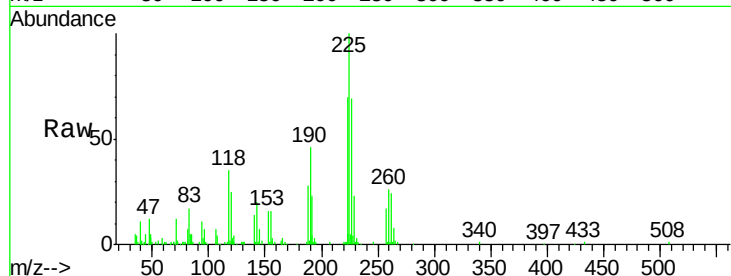
ClientSampleId :

LSS-MW-SB22(20)MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 225   | Resp: | 78037 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 70.6  | 49.6  | 74.4  |
| 227       | 65.3  | 54.5  | 81.7  |

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#35

Caprolactam

Concen: 9.45 ng

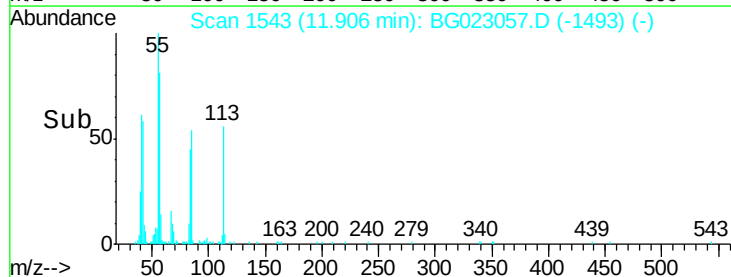
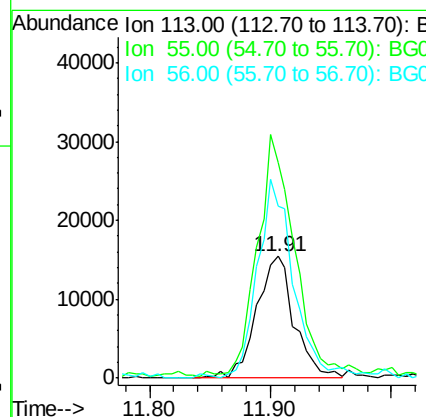
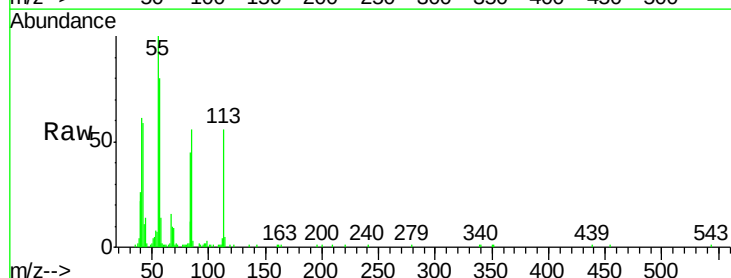
RT: 11.91 min Scan# 1543

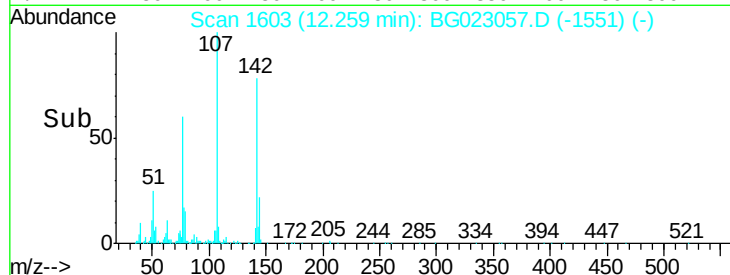
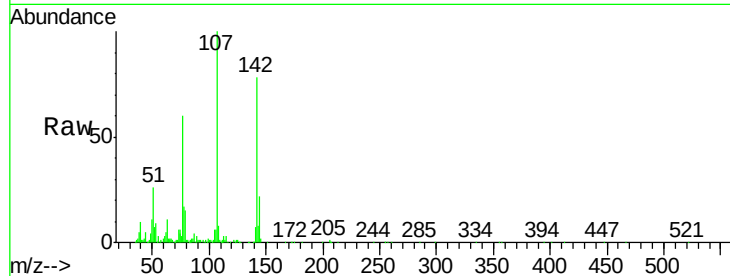
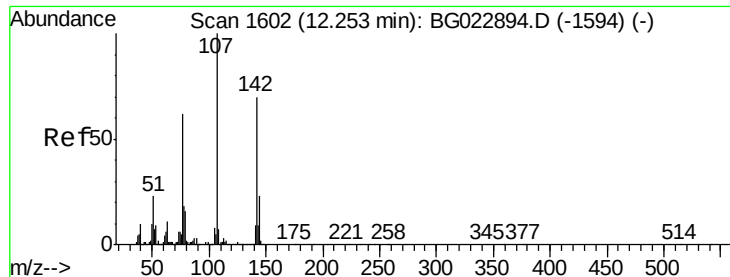
Delta R.T. -0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 33395 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 177.6 | 154.5 | 194.5 |
| 56        | 142.0 | 125.1 | 165.1 |





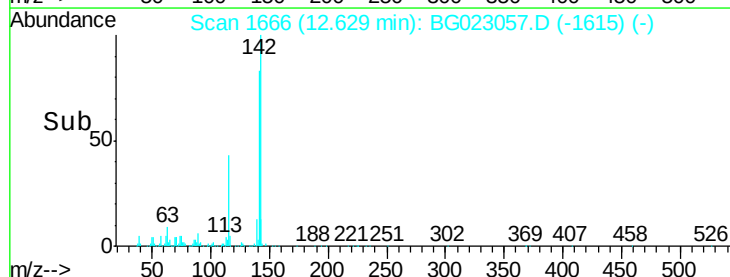
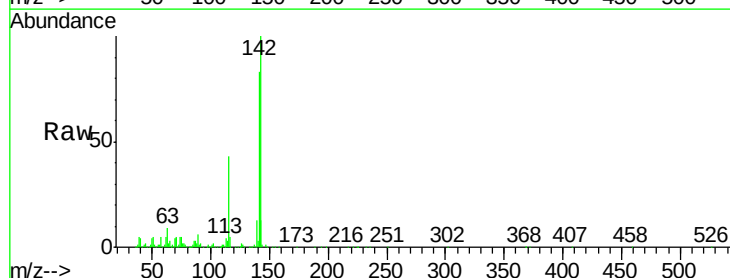
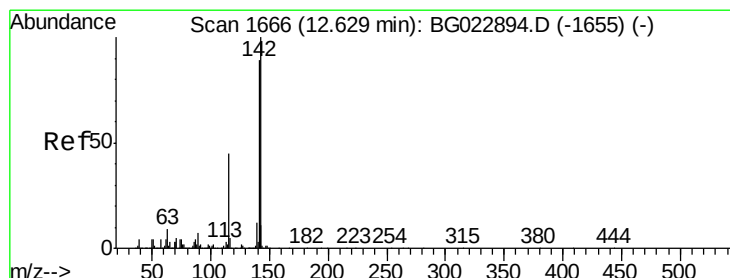
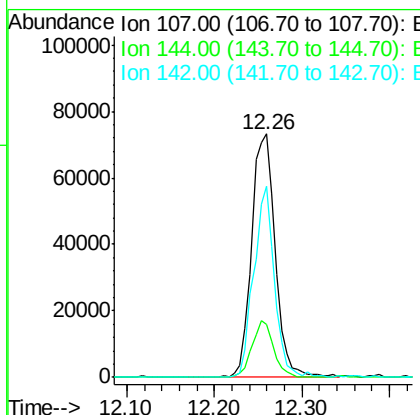
#36  
4-Chloro-3-methylphenol  
Concen: 11.42 ng  
RT: 12.26 min Scan# 1603  
Delta R.T. 0.01 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 21.8  | 17.0  | 25.6  |
| 142     | 78.3  | 53.0  | 79.6  |

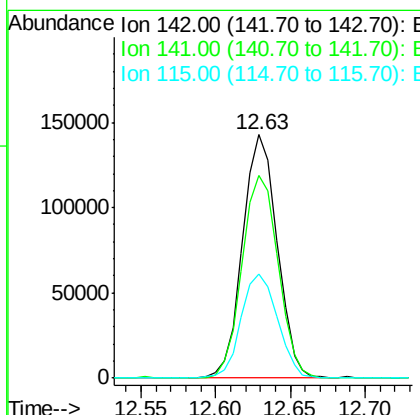
Manual Integrations  
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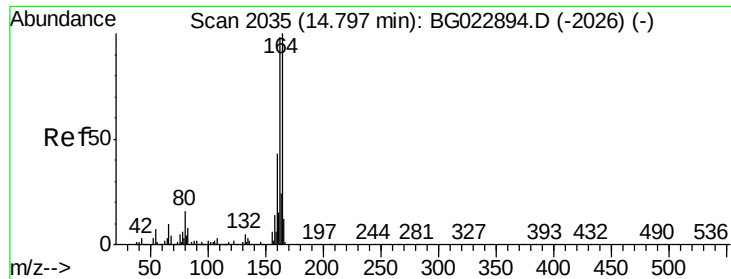
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#37  
2-Methylnaphthalene  
Concen: 11.92 ng  
RT: 12.63 min Scan# 1666  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 83.2  | 70.2  | 105.2 |
| 115     | 42.9  | 41.7  | 62.5  |





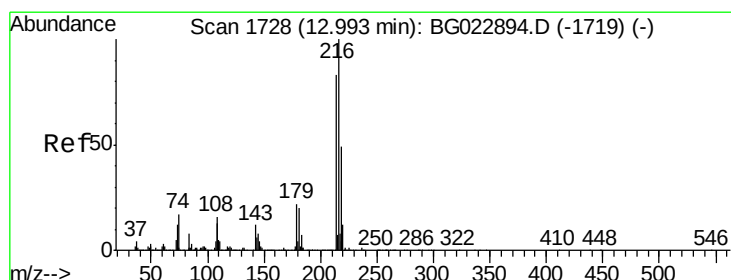
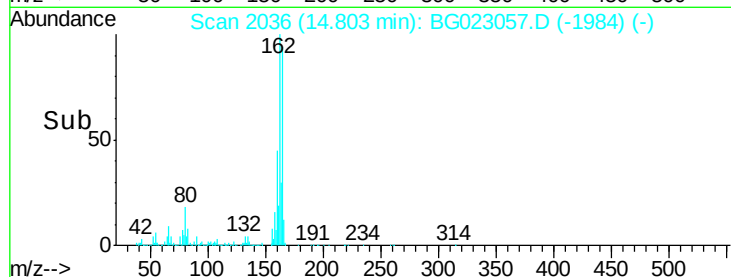
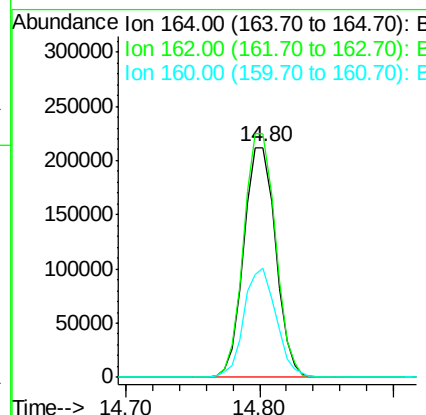
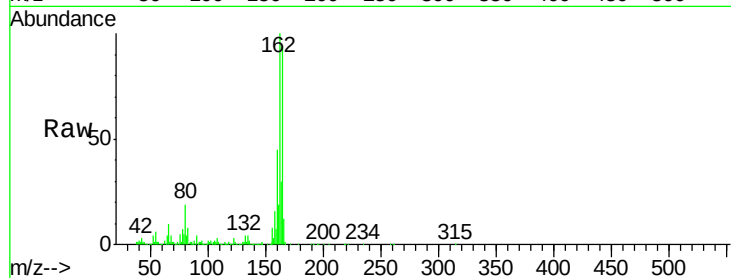
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.80 min Scan# 2036  
Delta R.T. 0.01 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.9 | 87.7  | 131.5 |
| 160     | 47.4  | 37.2  | 55.8  |

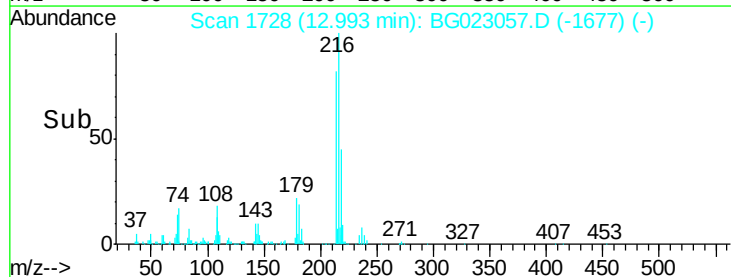
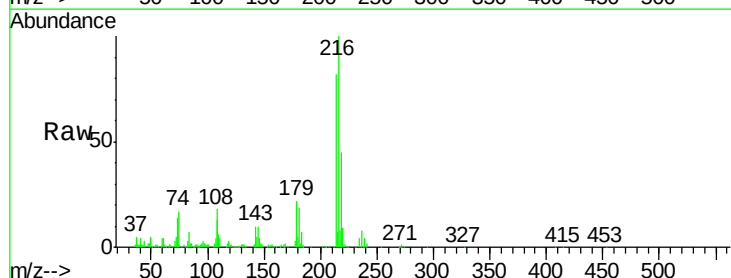
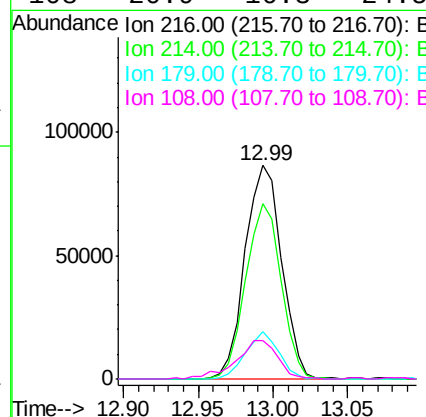
Manual Integrations  
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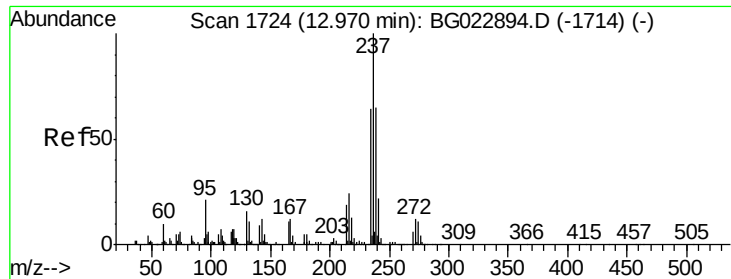
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#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 9.69 ng  
RT: 12.99 min Scan# 1728  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.6  | 62.9  | 94.3  |
| 179     | 20.1  | 17.2  | 25.8  |
| 108     | 20.9  | 16.3  | 24.5  |





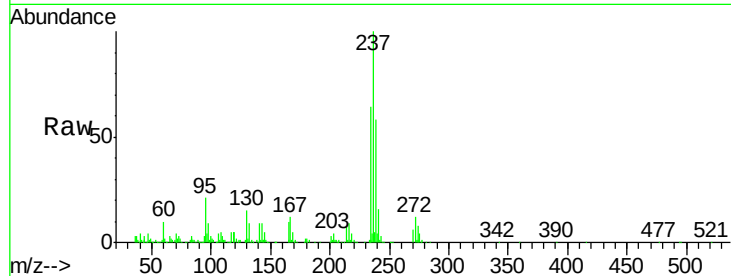
#40  
Hexachlorocyclopentadiene  
Concen: 16.44 ng  
RT: 12.97 min Scan# 1724  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 237     | 100   |      |       |       |
| 235     | 63.6  | 43.1 | 83.1  |       |
| 272     | 11.8  | 0.0  | 30.9  |       |

Manual Integrations  
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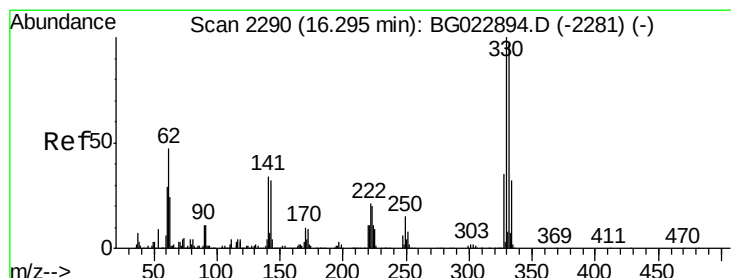
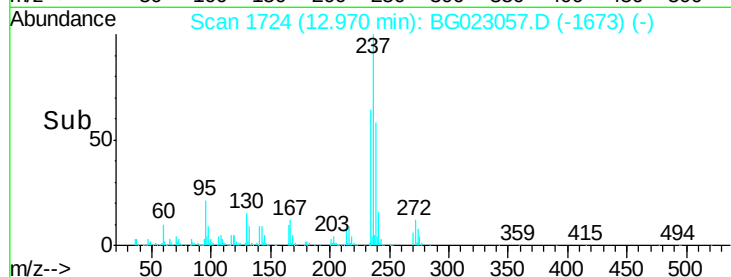
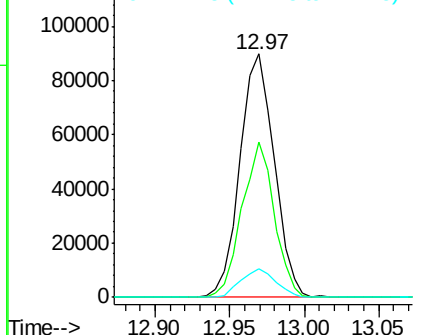


Abundance

Ion 236.80 (236.50 to 237.50): E

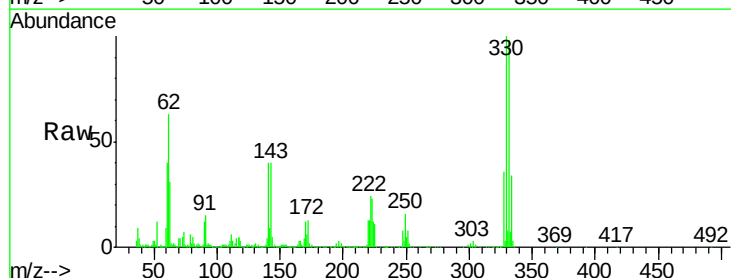
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41  
2,4,6-Tribromophenol  
Concen: 122.79 ng  
RT: 16.30 min Scan# 2290  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 96.2  | 77.4 | 116.2 |       |
| 141     | 39.6  | 31.7 | 47.5  |       |

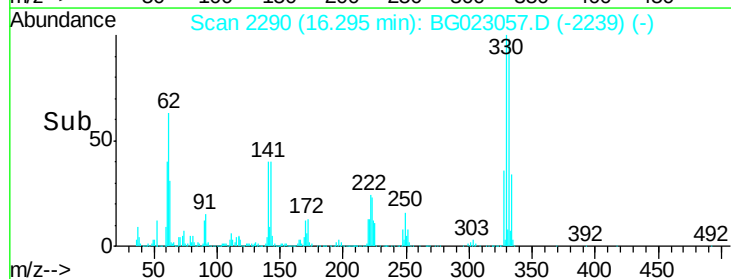
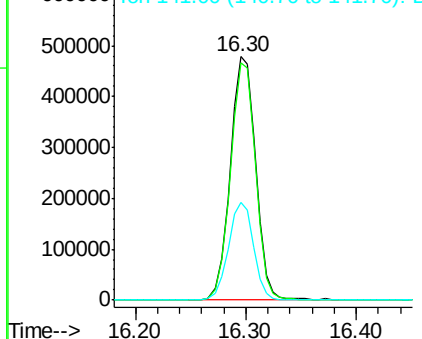


Abundance

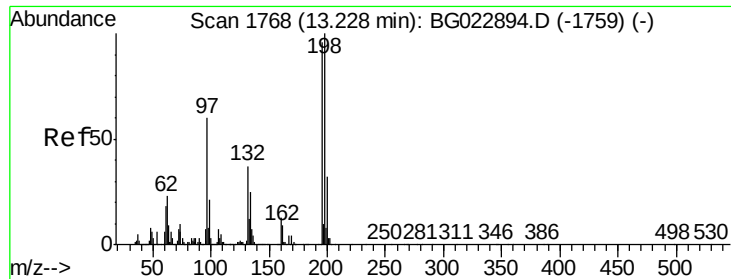
Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E







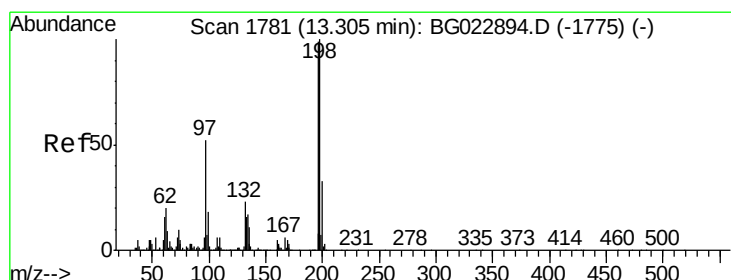
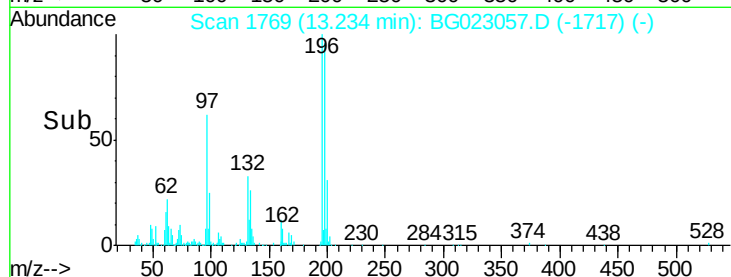
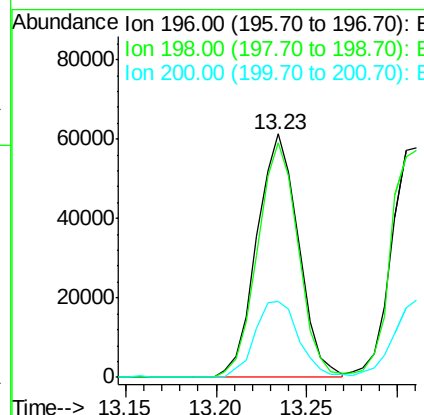
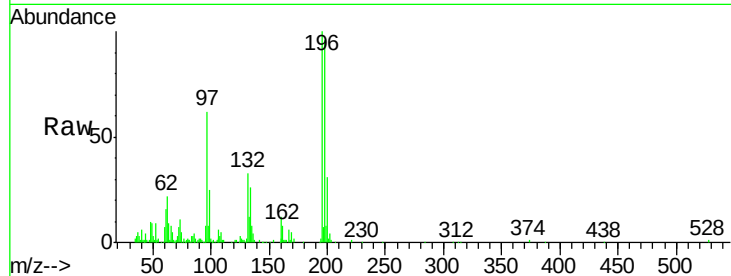
#42  
 2,4,6-Trichlorophenol  
 Concen: 11.25 ng  
 RT: 13.23 min Scan# 1769  
 Delta R.T. 0.01 min  
 Lab File: BG023057.D  
 Acq: 13 Jul 2016 5:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 97826 |       |       |
| 198     | 96.4  |       | 78.2  | 117.2 |
| 200     | 31.2  |       | 27.0  | 40.4  |

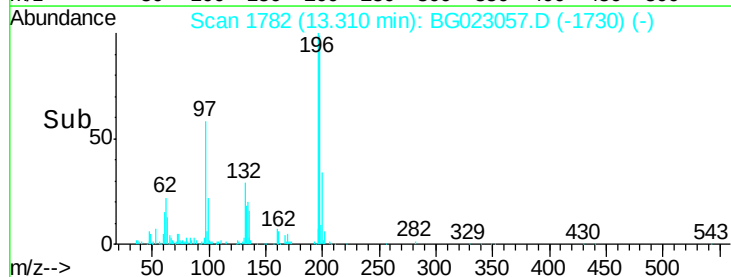
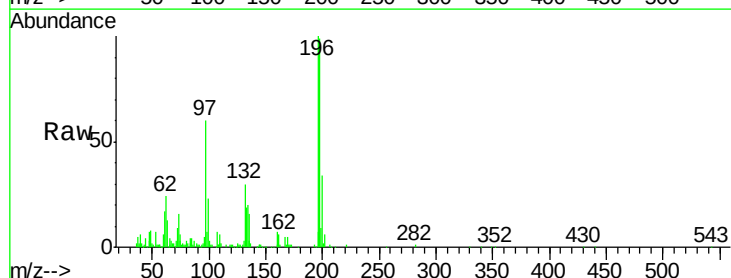
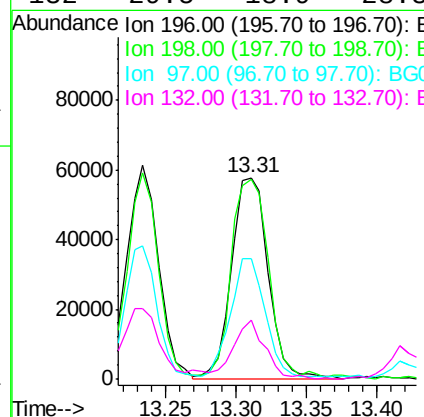
Manual Integrations  
 APPROVED

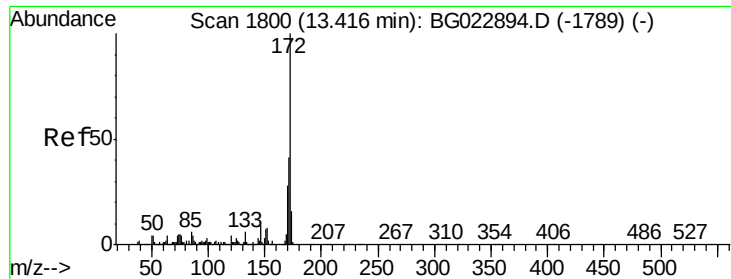
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#43  
 2,4,5-Trichlorophenol  
 Concen: 11.73 ng  
 RT: 13.31 min Scan# 1782  
 Delta R.T. 0.01 min  
 Lab File: BG023057.D  
 Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 104776 |       |       |
| 198     | 99.2  |        | 85.7  | 128.5 |
| 97      | 59.8  |        | 45.5  | 68.3  |
| 132     | 29.5  |        | 18.9  | 28.3# |





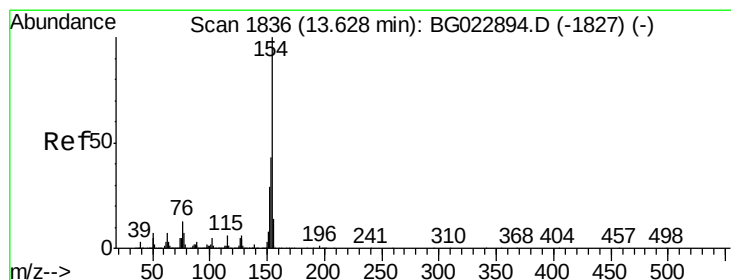
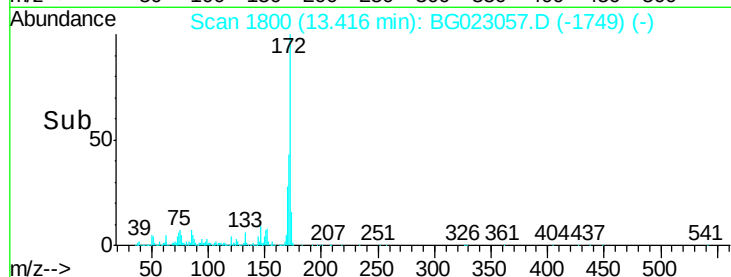
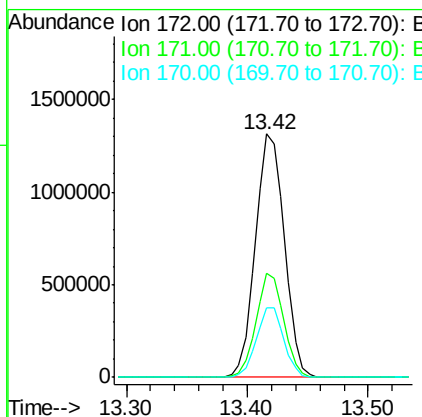
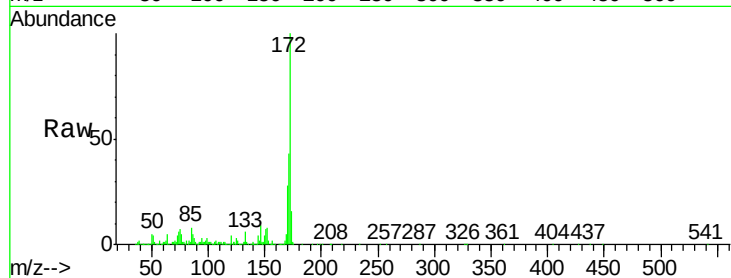
#44  
2-Fluorobiphenyl  
Concen: 98.08 ng  
RT: 13.42 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 42.5  | 31.6  | 47.4  |
| 170     | 28.4  | 21.3  | 31.9  |

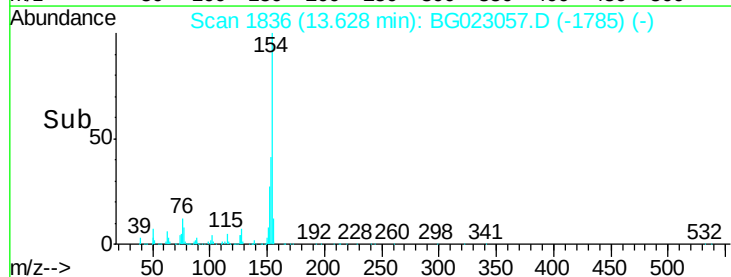
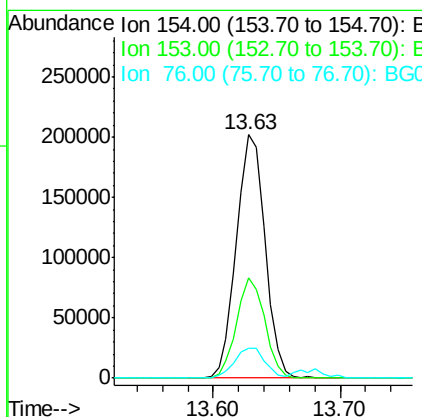
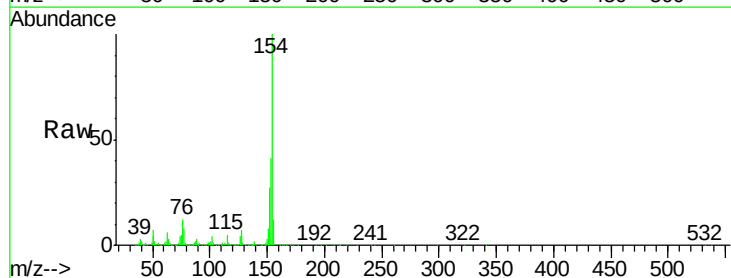
Manual Integrations  
APPROVED

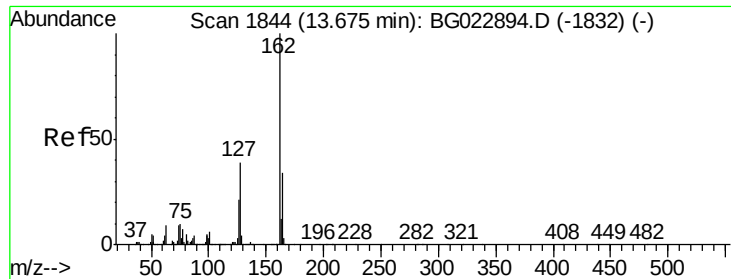
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#45  
1,1'-Biphenyl  
Concen: 12.03 ng  
RT: 13.63 min Scan# 1836  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.0  | 20.2  | 60.2  |
| 76      | 12.3  | 0.0   | 32.9  |





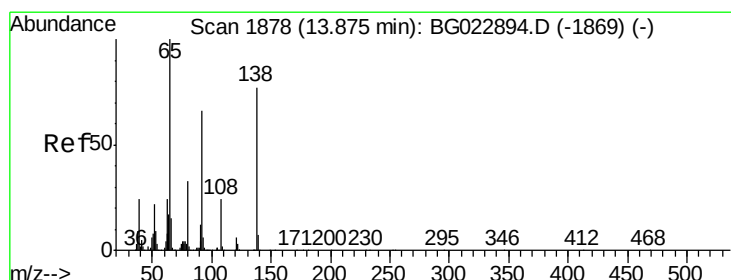
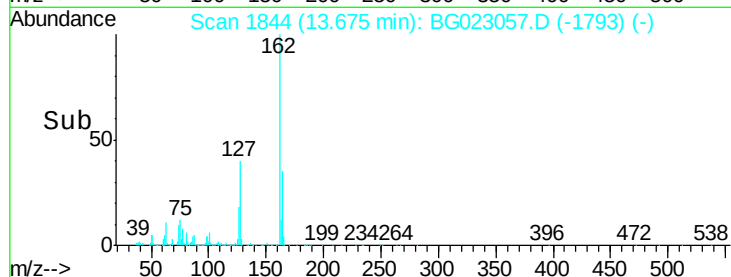
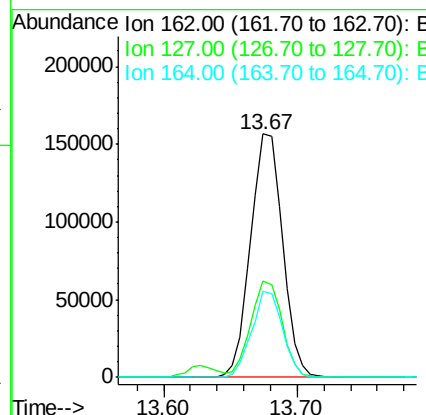
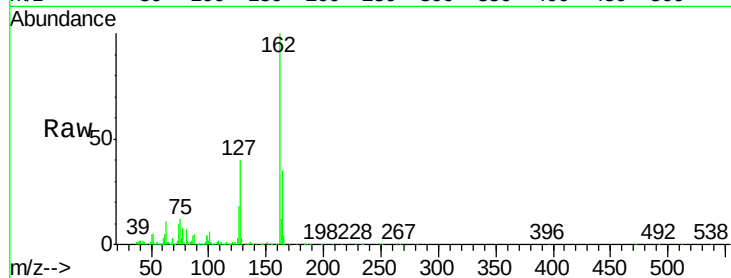
#46  
2-Chloronaphthalene  
Concen: 12.12 ng  
RT: 13.67 min Scan# 1844  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.6  | 32.4  | 48.6  |
| 164     | 35.2  | 25.2  | 37.8  |

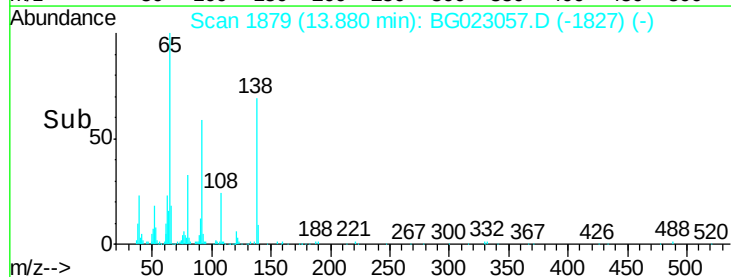
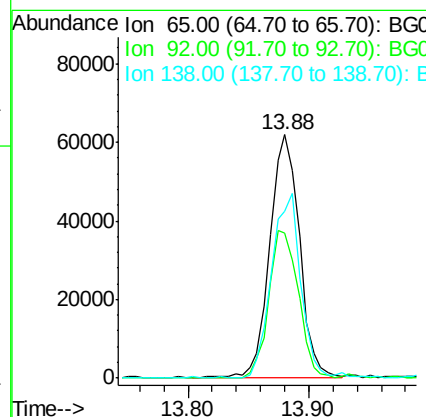
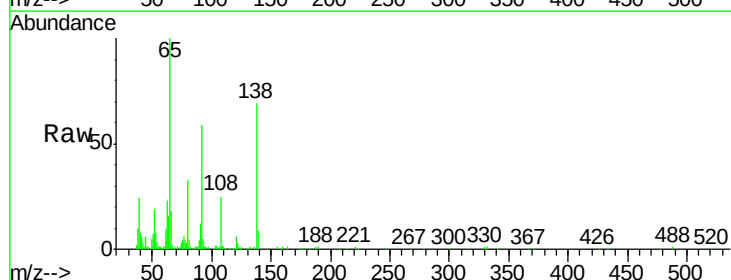
Manual Integrations  
APPROVED

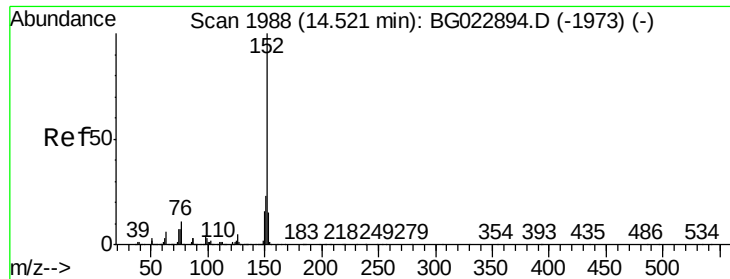
umangi  
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#47  
2-Nitroaniline  
Concen: 11.56 ng  
RT: 13.88 min Scan# 1879  
Delta R.T. 0.01 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 59.3  | 49.4  | 74.0  |
| 138     | 68.5  | 58.0  | 87.0  |





#48

Acenaphthylene

Concen: 12.31 ng

RT: 14.52 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA\_G

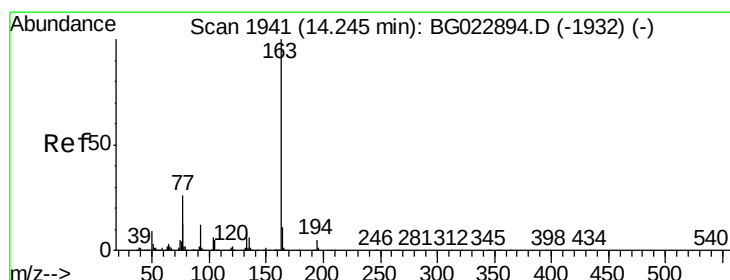
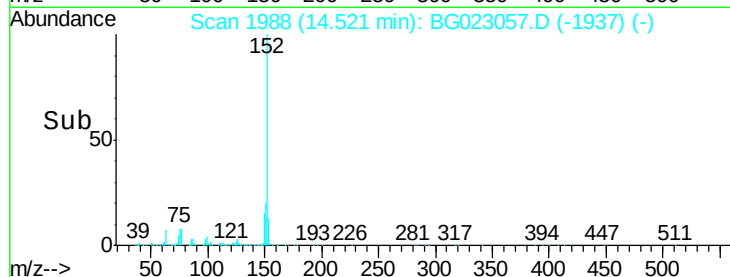
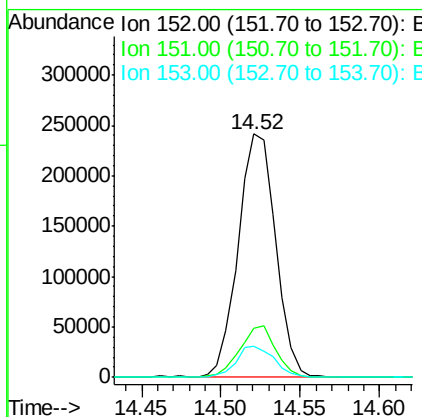
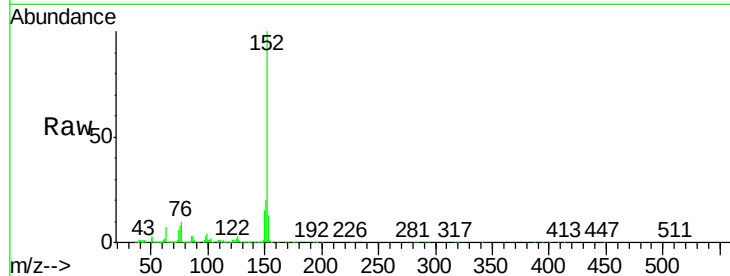
ClientSampleId :

LSS-MW-SB22(20)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 394806 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.1  | 17.6  | 26.4   |
| 153       | 12.6  | 11.4  | 17.2   |

Manual Integrations  
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#49

Dimethylphthalate

Concen: 12.49 ng

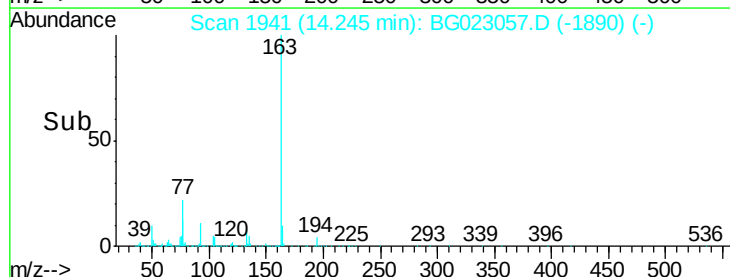
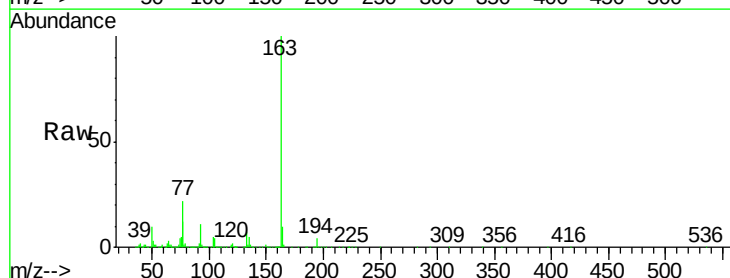
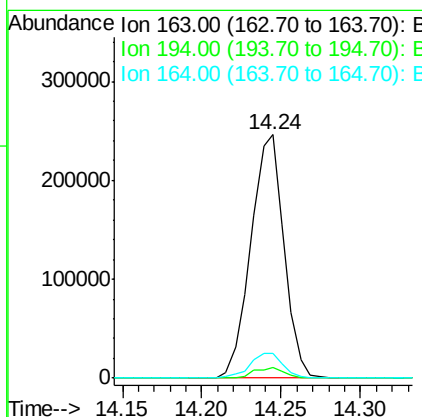
RT: 14.24 min Scan# 1941

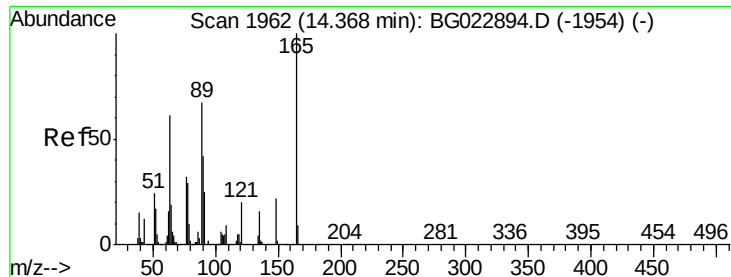
Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 358342 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.5   | 3.6   | 5.4    |
| 164       | 10.3  | 8.1   | 12.1   |





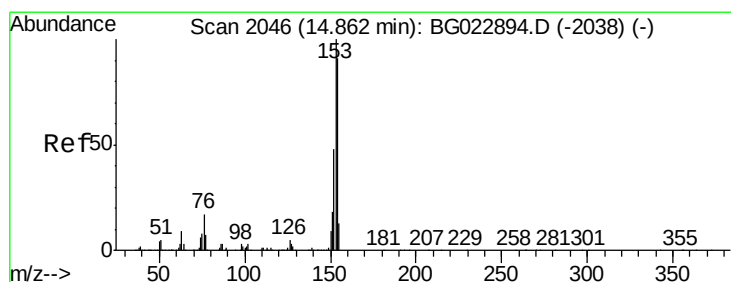
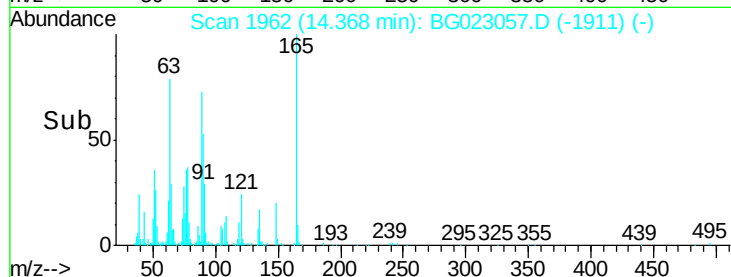
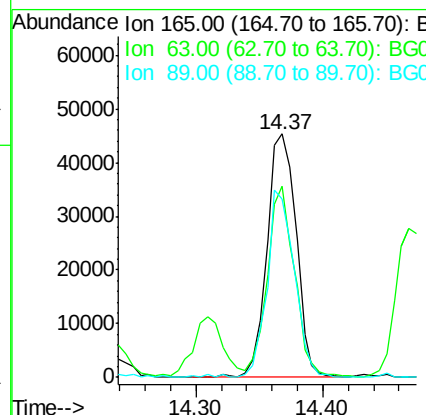
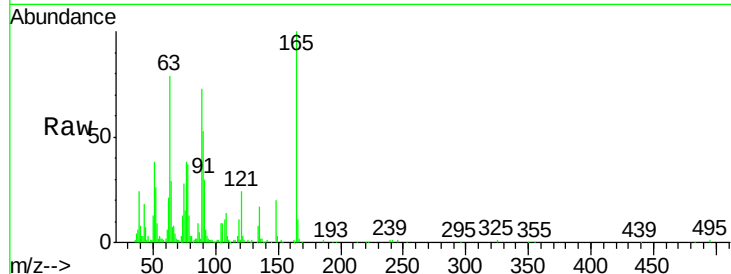
#50  
2,6-Dinitrotoluene  
Concen: 11.25 ng  
RT: 14.37 min Scan# 1962  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 78.6  | 64.3  | 96.5  |
| 89      | 73.1  | 64.3  | 96.5  |

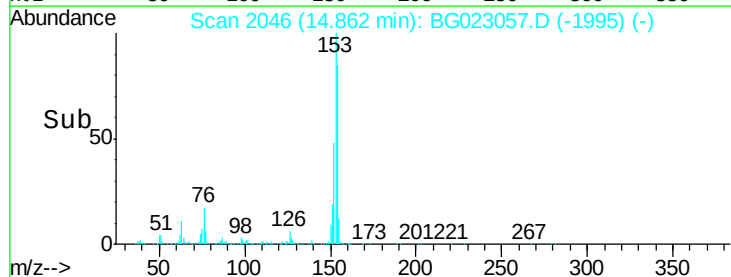
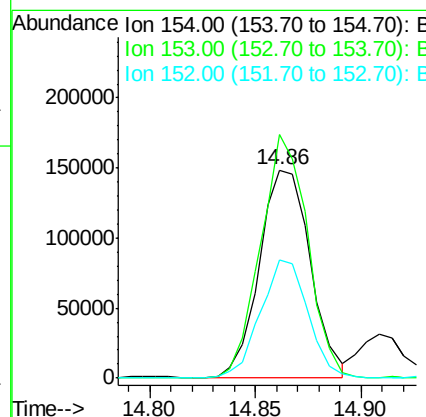
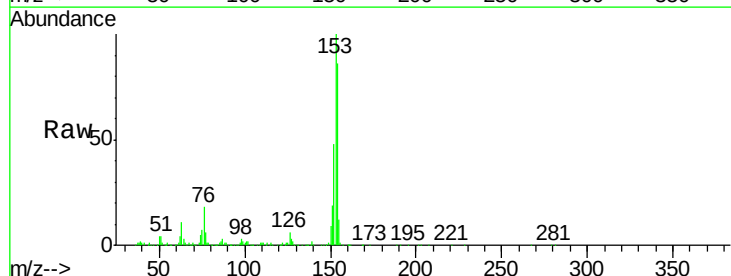
Manual Integrations  
APPROVED

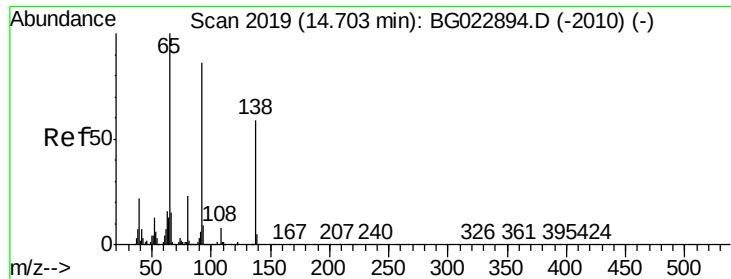
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#51  
Acenaphthene  
Concen: 11.85 ng  
RT: 14.86 min Scan# 2046  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 116.9 | 87.5  | 131.3 |
| 152     | 56.7  | 42.7  | 64.1  |





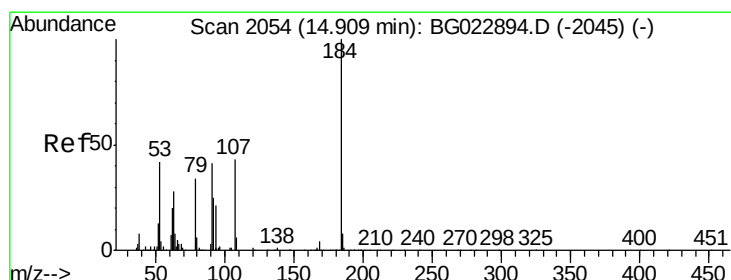
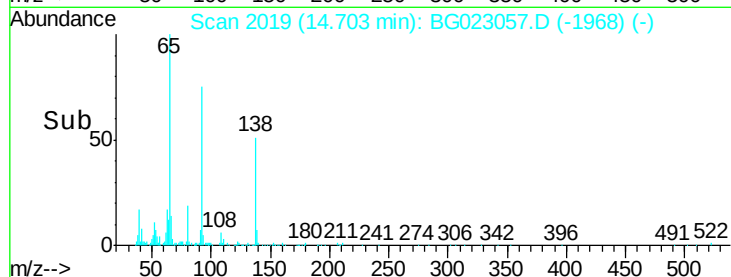
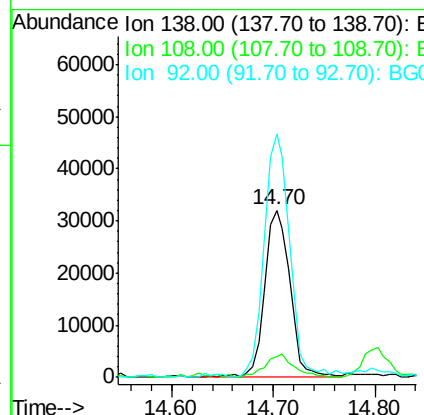
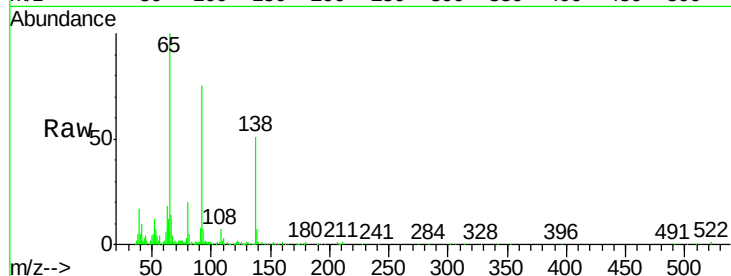
#52  
3-Nitroaniline  
Concen: 8.65 ng  
RT: 14.70 min Scan# 2019  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.9  | 11.7  | 17.5  |
| 92      | 145.9 | 129.7 | 194.5 |

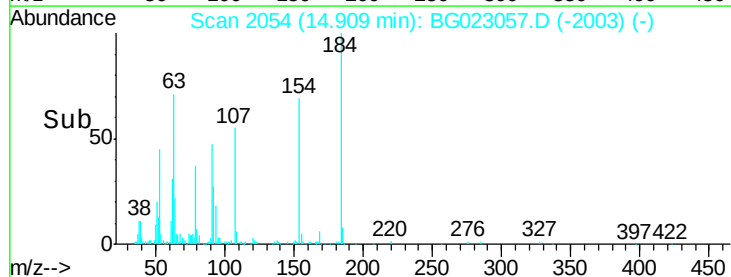
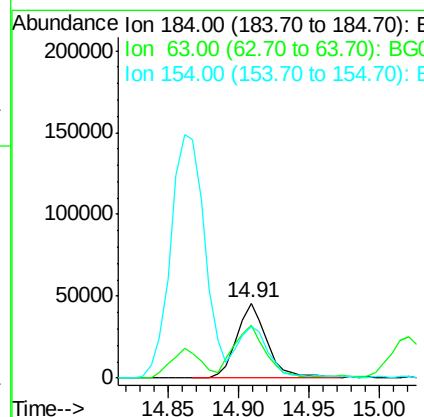
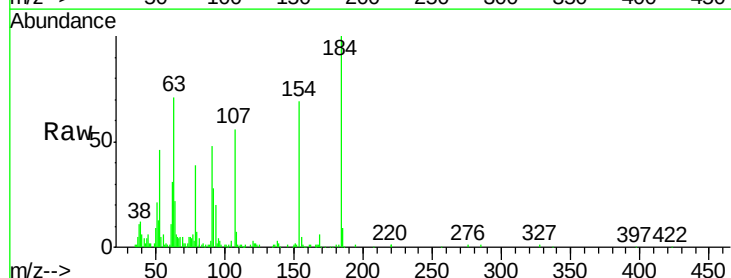
Manual Integrations  
APPROVED

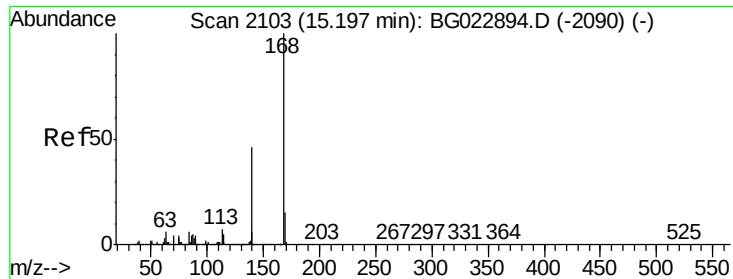
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#53  
2,4-Dinitrophenol  
Concen: 15.59 ng  
RT: 14.91 min Scan# 2054  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 71.0  | 59.6  | 89.4  |
| 154     | 68.9  | 67.4  | 101.0 |





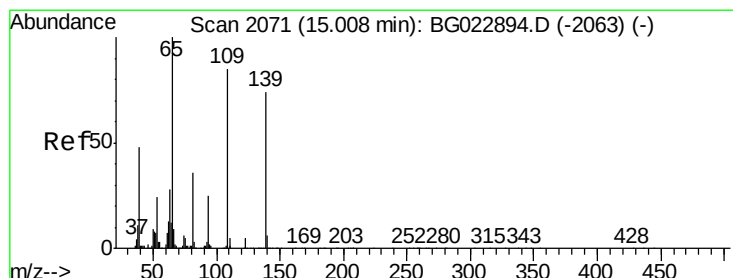
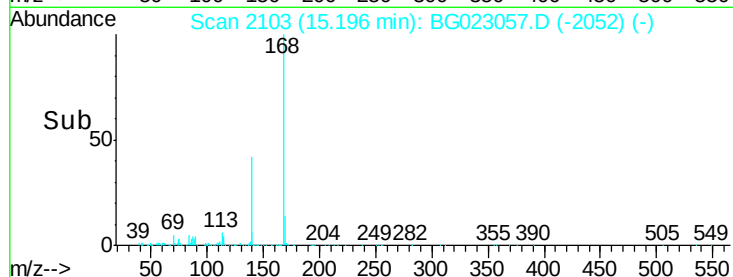
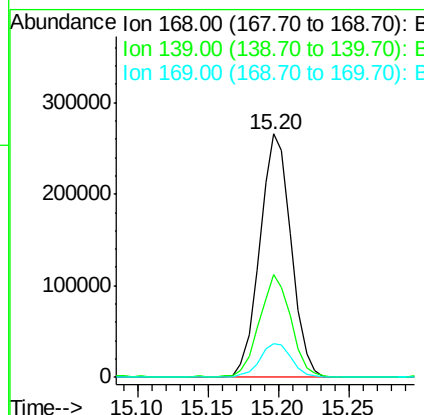
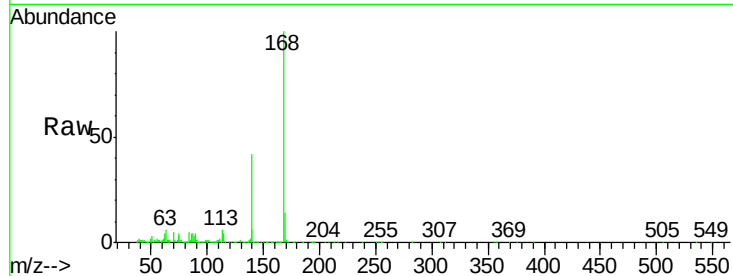
#54  
Dibenzenofuran  
Concen: 13.20 ng  
RT: 15.20 min Scan# 2103  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 42.2  | 36.4  | 54.6  |
| 169     | 13.9  | 11.9  | 17.9  |

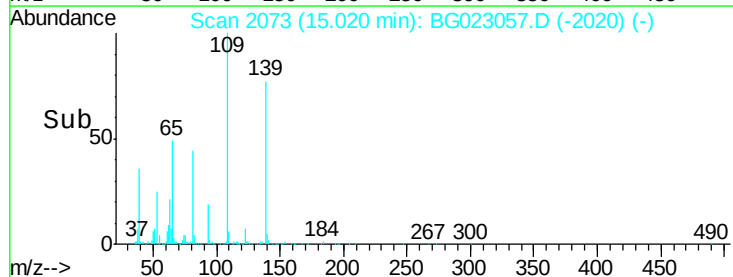
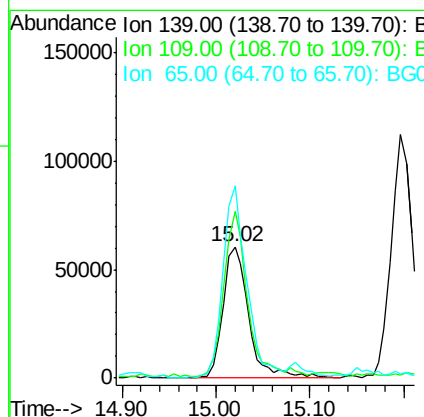
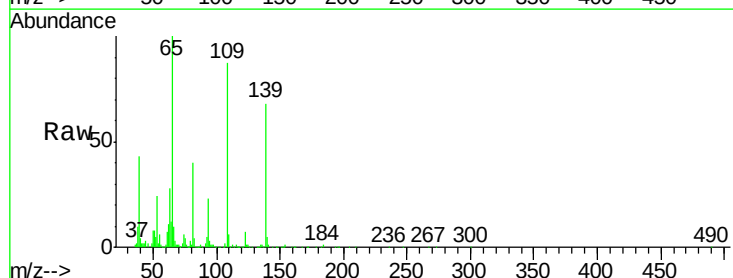
Manual Integrations  
APPROVED

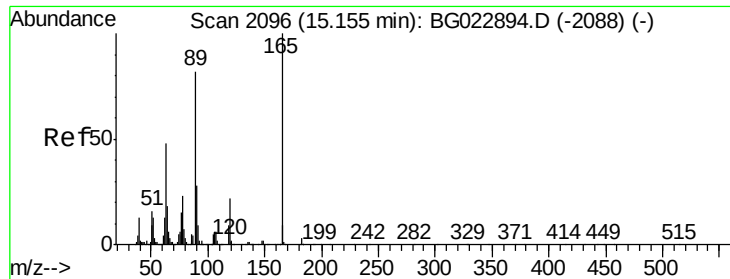
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#55  
4-Nitrophenol  
Concen: 21.42 ng  
RT: 15.02 min Scan# 2073  
Delta R.T. 0.01 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 127.2 | 103.0 | 143.0 |
| 65      | 146.2 | 112.7 | 152.7 |





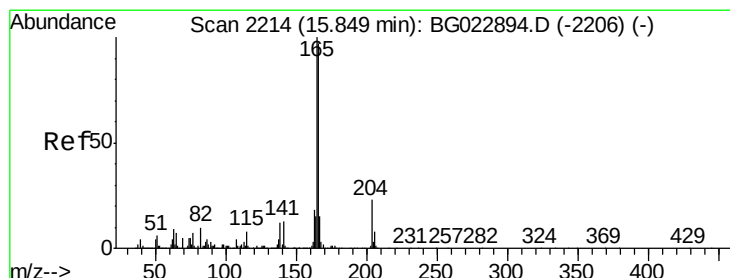
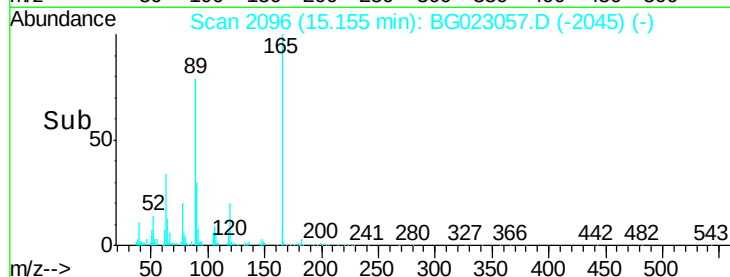
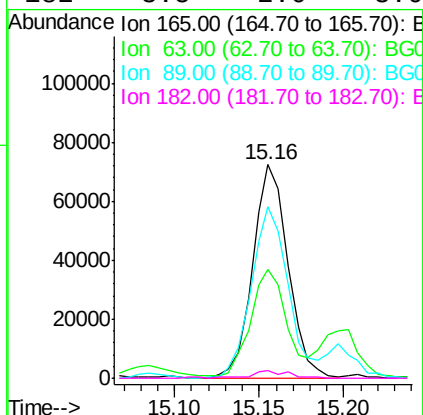
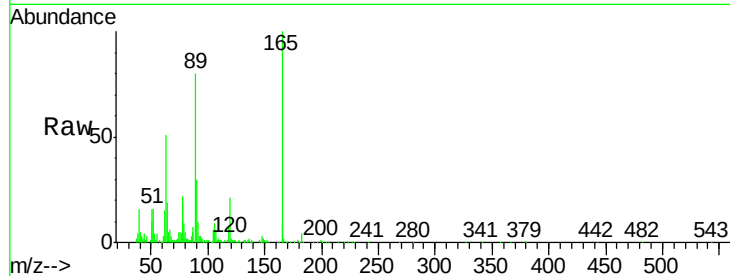
#56  
2,4-Dinitrotoluene  
Concen: 11.23 ng  
RT: 15.16 min Scan# 2096  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 50.8  | 45.8  | 68.6  |
| 89      | 80.4  | 68.6  | 102.8 |
| 182     | 3.5   | 2.0   | 3.0#  |

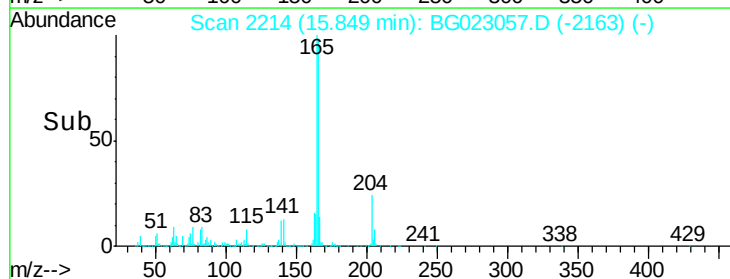
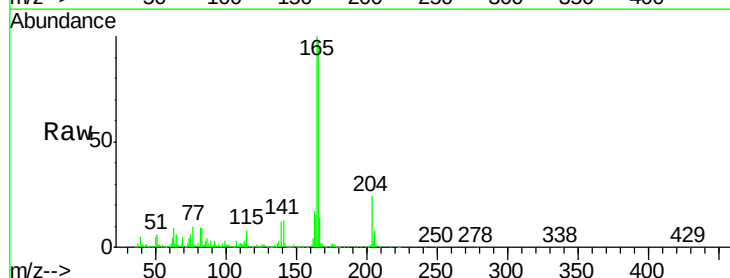
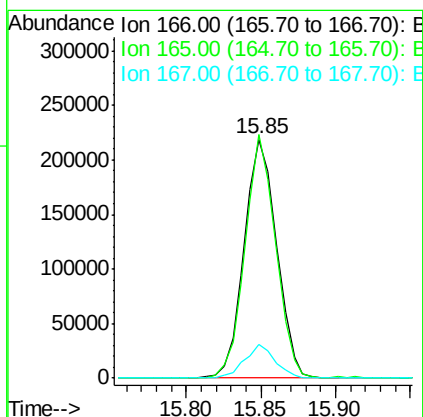
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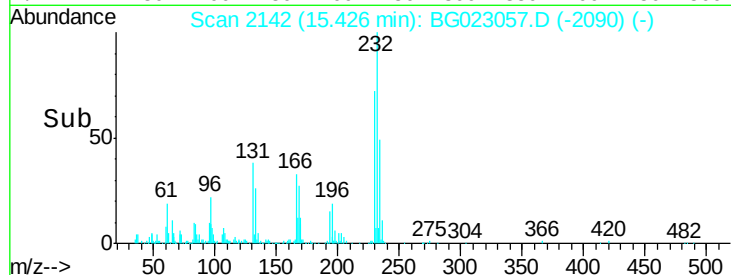
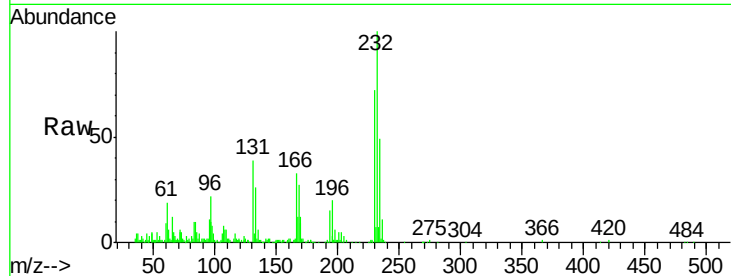
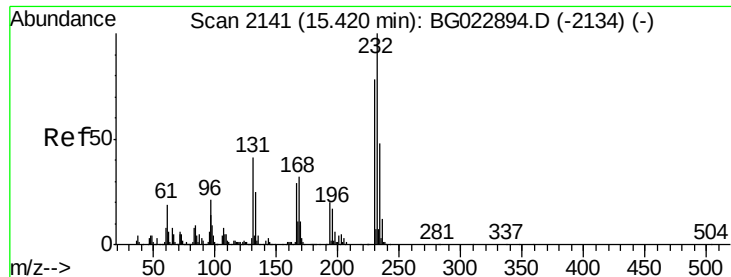


#57  
Fluorene  
Concen: 12.20 ng  
RT: 15.85 min Scan# 2214  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 102.0 | 81.0  | 121.6 |
| 167     | 14.0  | 12.0  | 18.0  |







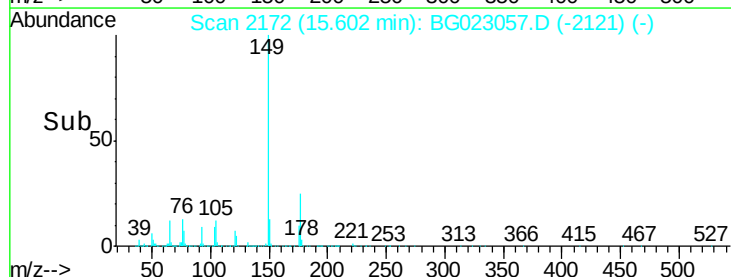
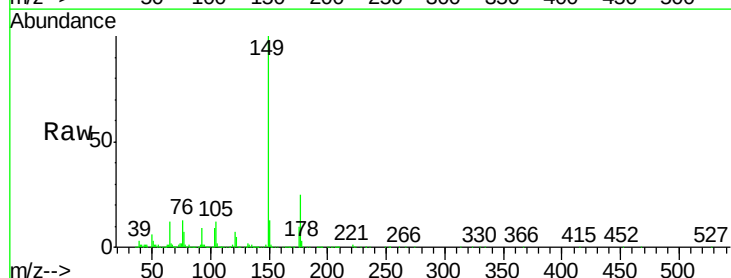
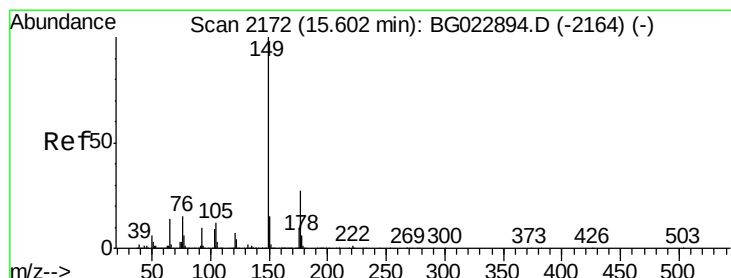
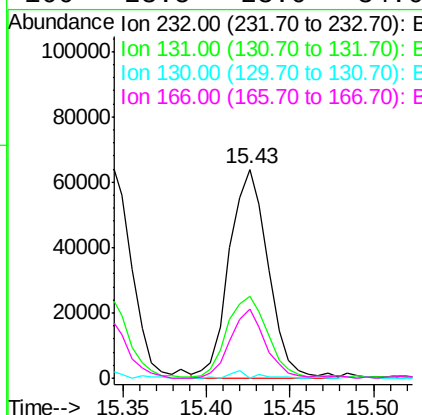
#58  
2,3,4,6-Tetrachlorophenol  
Concen: 11.60 ng/ml  
RT: 15.43 min Scan# 2142  
Delta R.T. 0.01 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 232     | 100  |       | 103698 |       |       |
| 131     | 36.4 | 32.7  | 49.1   |       |       |
| 130     | 2.7  | 2.6   | 3.8    |       |       |
| 166     | 23.5 | 23.0  | 34.6   |       |       |

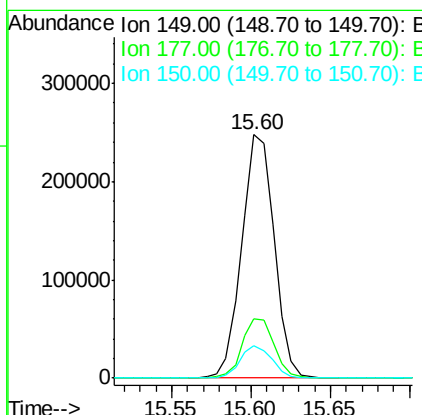
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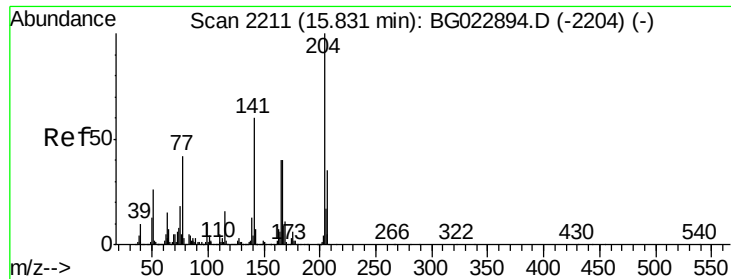
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#59  
Diethylphthalate  
Concen: 12.02 ng/ml  
RT: 15.60 min Scan# 2172  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 149     | 100  |       | 350782 |       |       |
| 177     | 24.5 | 19.2  | 28.8   |       |       |
| 150     | 13.4 | 10.6  | 16.0   |       |       |





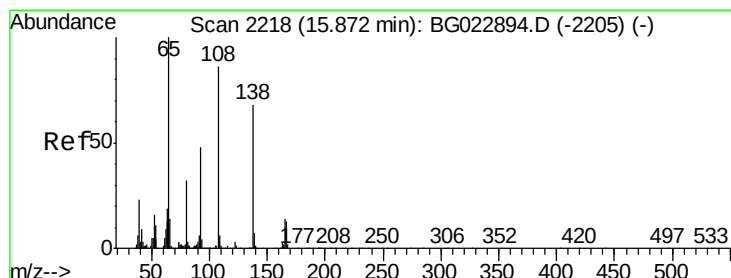
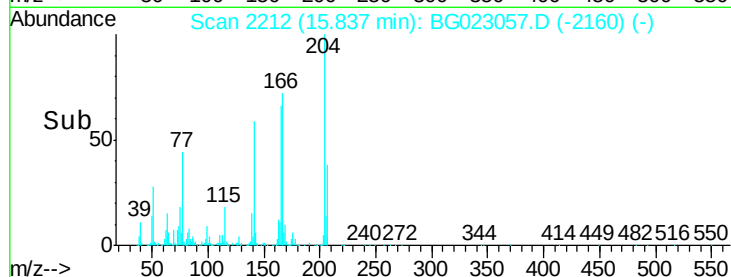
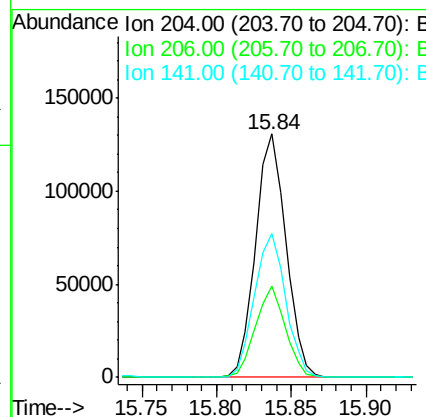
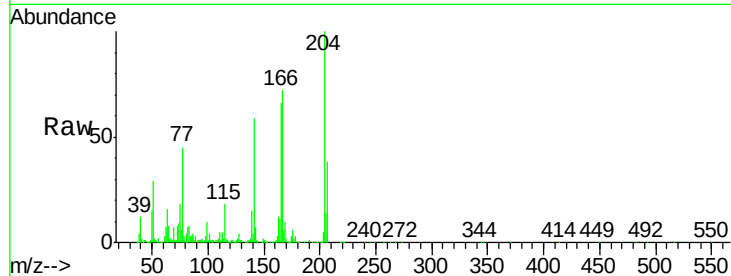
#60  
4-Chlorophenyl-phenylether  
Concen: 11.16 ng  
RT: 15.84 min Scan# 2212  
Delta R.T. 0.01 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 37.7  | 28.5  | 42.7  |
| 141     | 58.9  | 51.4  | 77.0  |

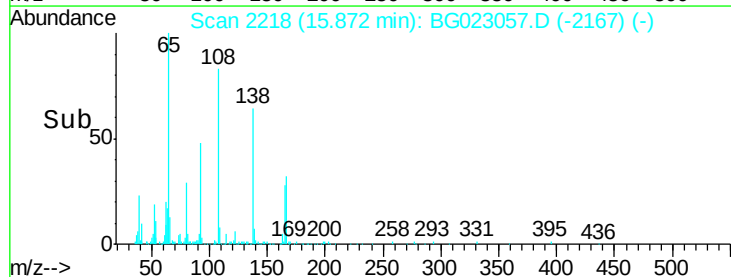
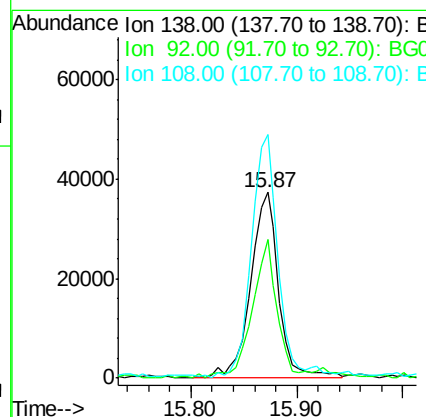
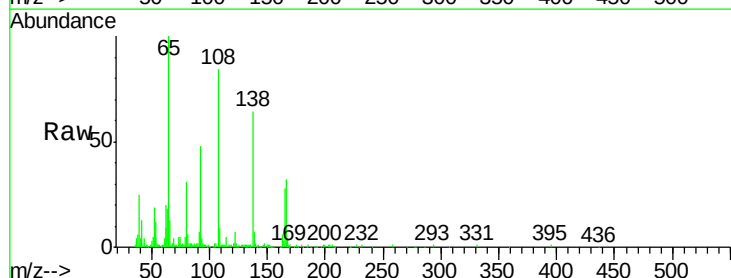
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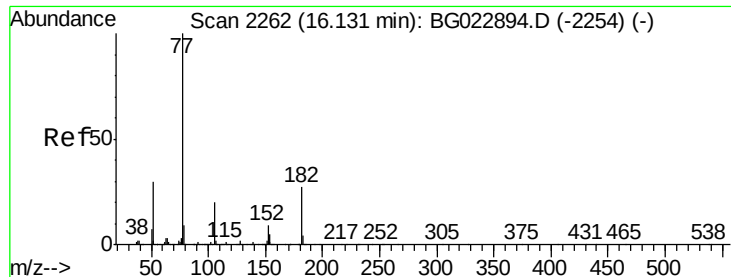
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#61  
4-Nitroaniline  
Concen: 9.98 ng  
RT: 15.87 min Scan# 2218  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 74.7  | 54.1  | 94.1  |
| 108     | 131.0 | 133.9 | 173.9 |





#62

Azobenzene

Concen: 14.01 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA\_G

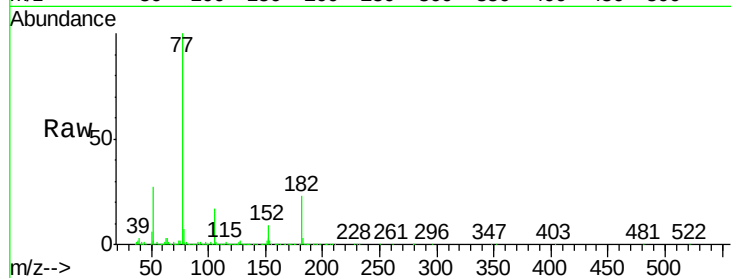
ClientSampleId :

LSS-MW-SB22(20)MSD

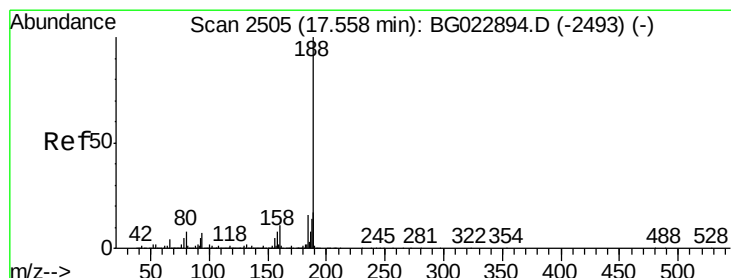
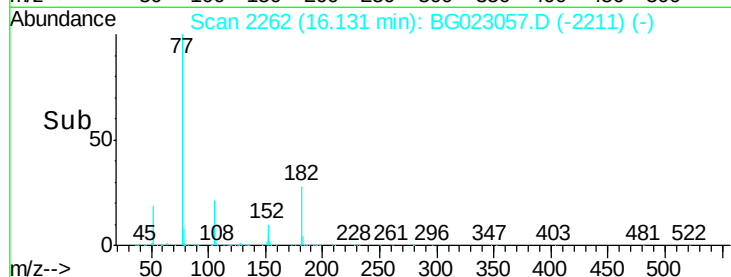
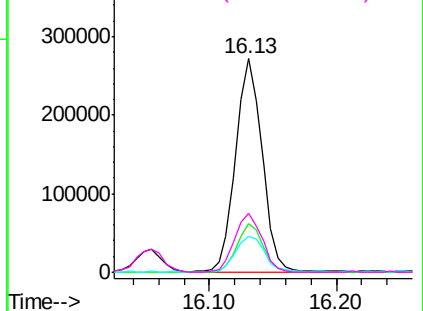
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 22.8 | 3.5   | 43.5  |       |
| 105     | 17.1 | 0.0   | 38.5  |       |
| 51      | 27.5 | 17.1  | 57.1  |       |

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Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

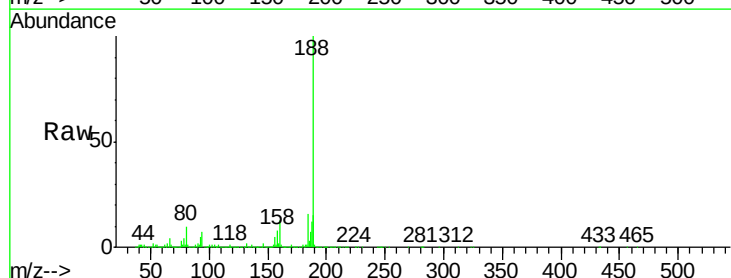
RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

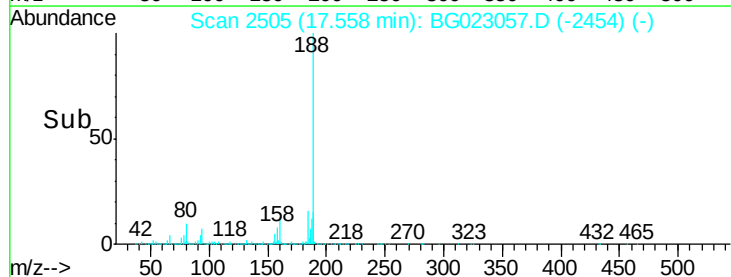
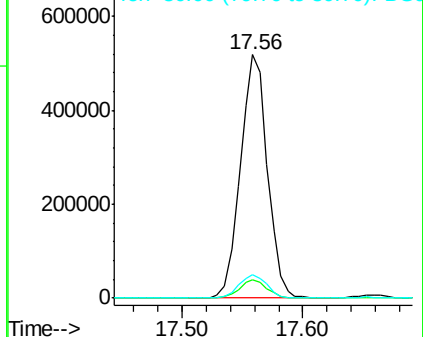
Lab File: BG023057.D

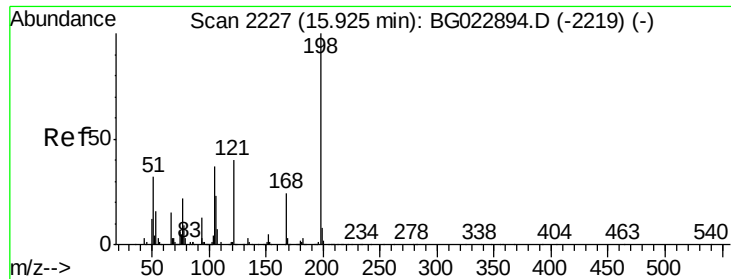
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 7.4 | 5.2   | 7.8   |       |
| 80      | 9.9 | 7.2   | 10.8  |       |



Abundance Ion 188.00 (187.70 to 188.70): BGC  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 9.59 ng

RT: 15.93 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA\_G

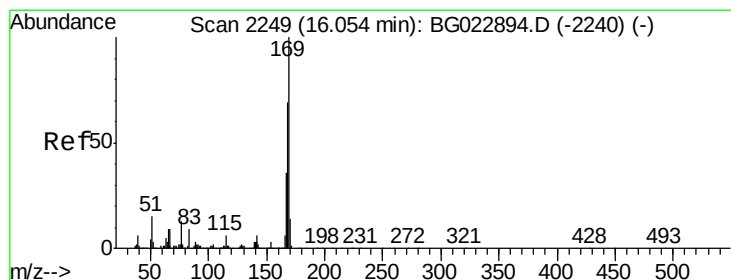
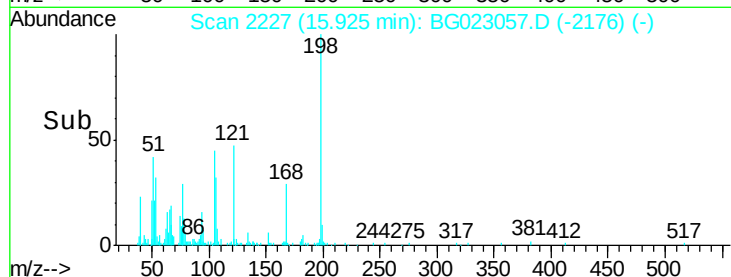
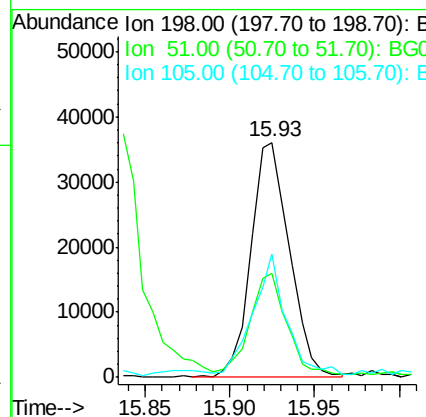
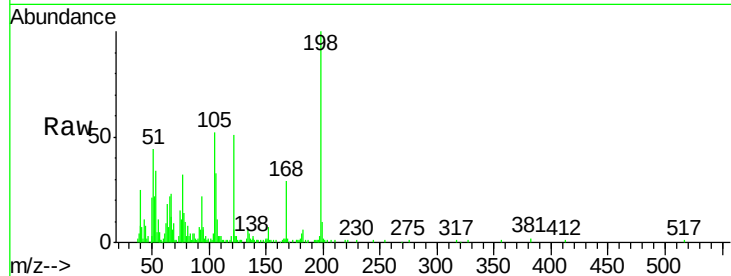
ClientSampleId :

LSS-MW-SB22(20)MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 198   | Resp: | 57377 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 44.4  | 26.0  | 66.0  |
| 105       | 52.3  | 20.1  | 60.1  |

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#65

n-Nitrosodiphenylamine

Concen: 12.61 ng

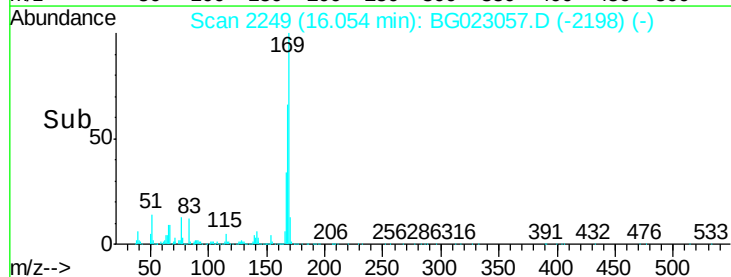
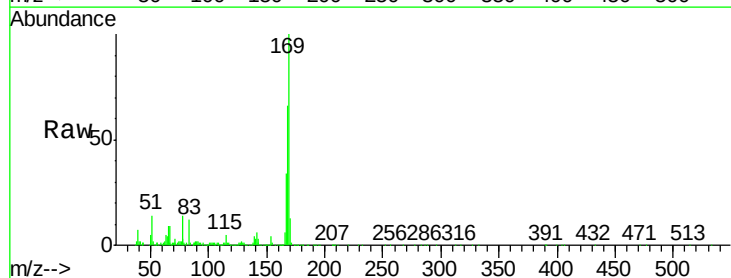
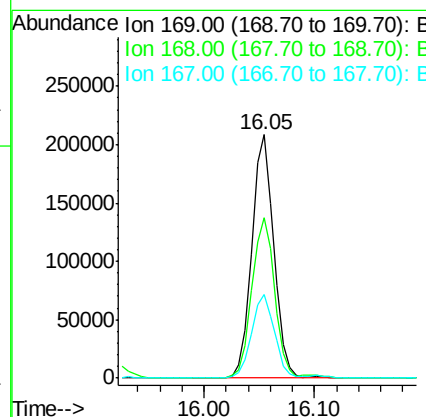
RT: 16.05 min Scan# 2249

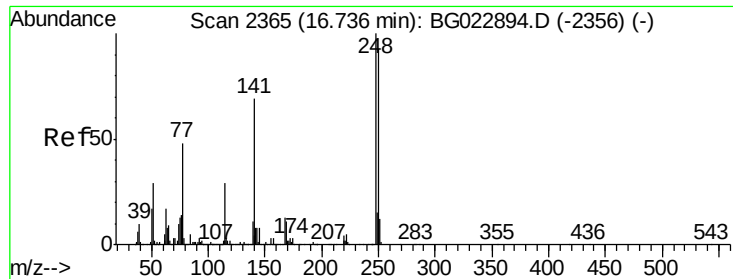
Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 292638 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 66.1  | 55.0  | 82.4   |
| 167       | 34.1  | 27.4  | 41.0   |





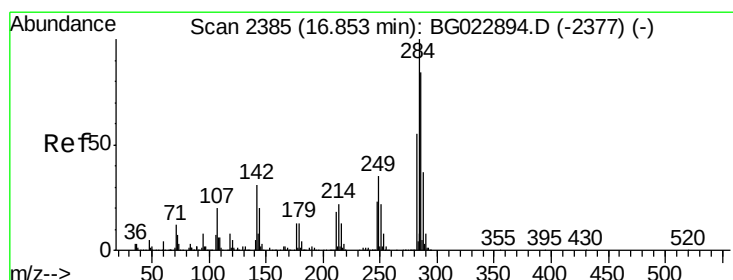
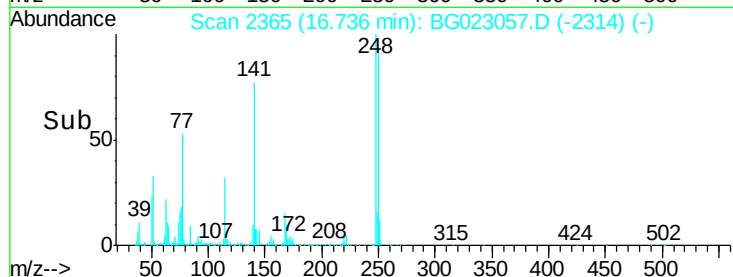
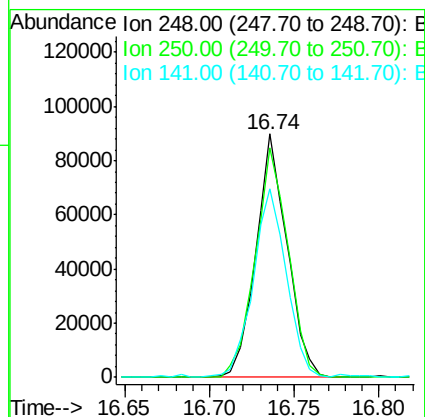
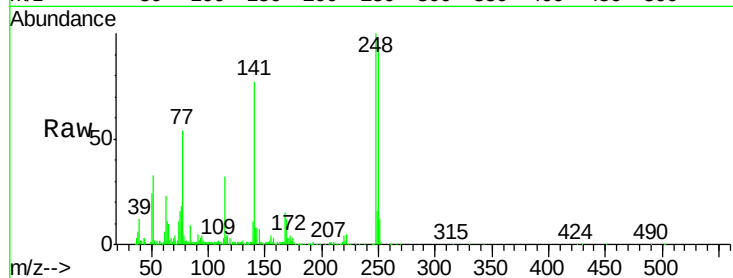
#66  
4-Bromophenyl-phenylether  
Concen: 11.00 ng  
RT: 16.74 min Scan# 2365  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.0  | 77.8  | 116.8 |
| 141     | 77.3  | 65.7  | 98.5  |

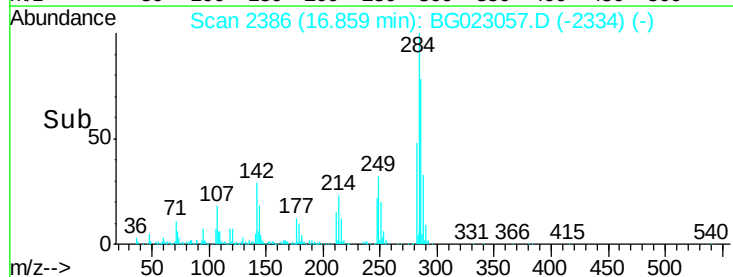
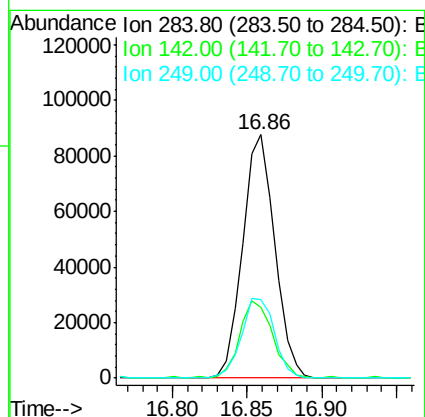
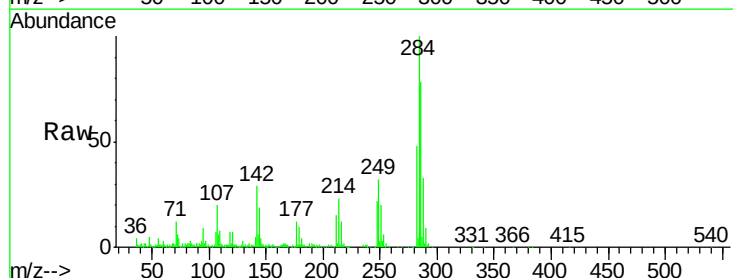
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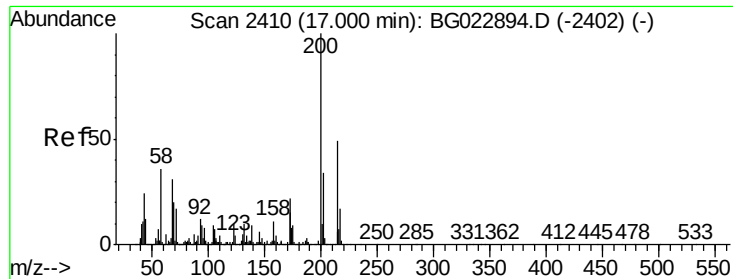
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#67  
Hexachlorobenzene  
Concen: 11.46 ng  
RT: 16.86 min Scan# 2386  
Delta R.T. 0.01 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.3  | 26.8  | 40.2  |
| 249     | 32.0  | 28.9  | 43.3  |





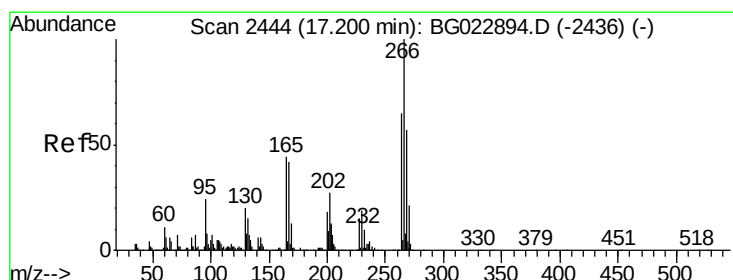
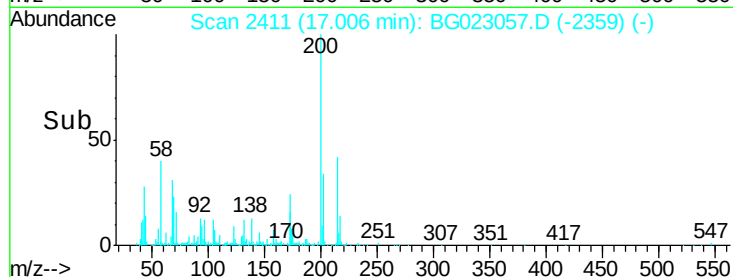
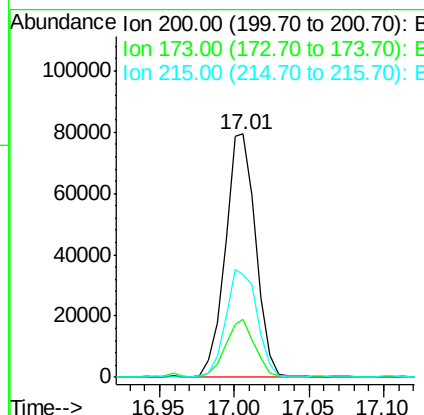
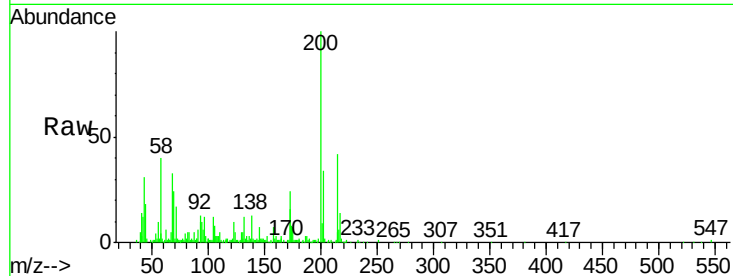
#68  
Atrazine  
Concen: 11.06 ng  
RT: 17.01 min Scan# 2411  
Delta R.T. 0.01 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.9  | 1.6   | 41.6  |
| 215     | 42.4  | 28.7  | 68.7  |

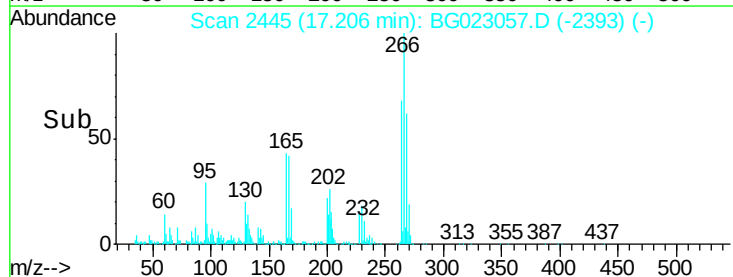
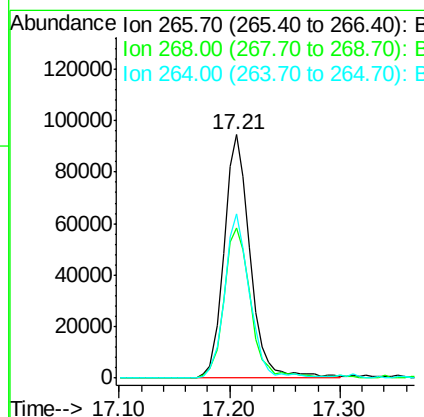
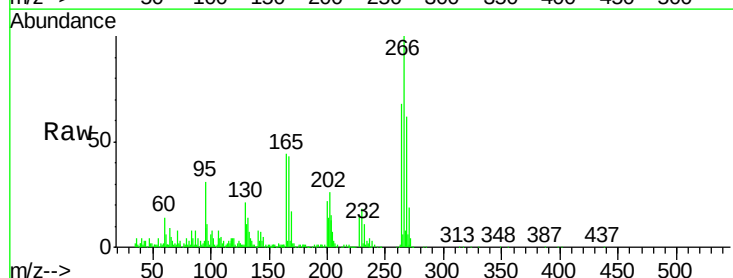
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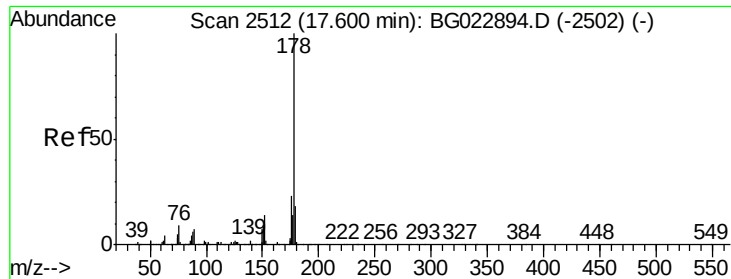
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#69  
Pentachlorophenol  
Concen: 21.19 ng  
RT: 17.21 min Scan# 2445  
Delta R.T. 0.01 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.7  | 51.9  | 77.9  |
| 264     | 67.7  | 50.6  | 75.8  |





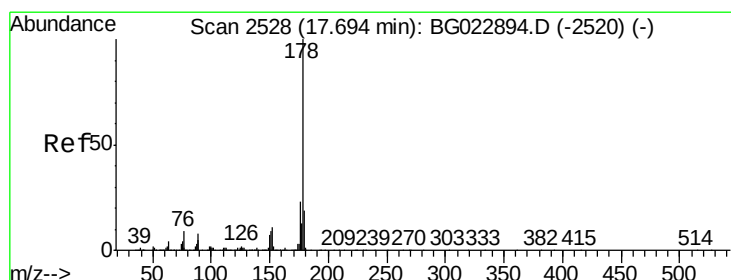
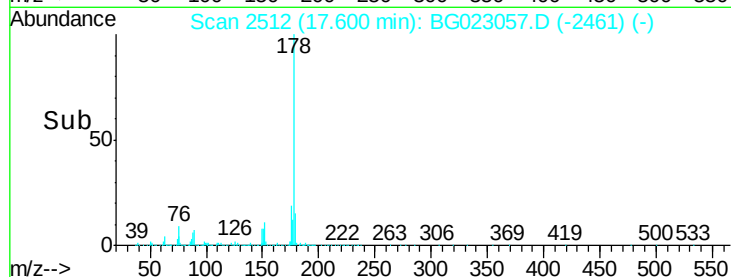
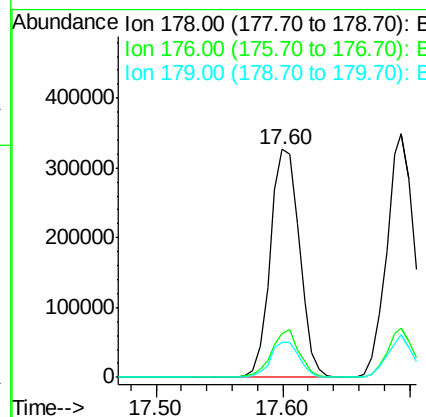
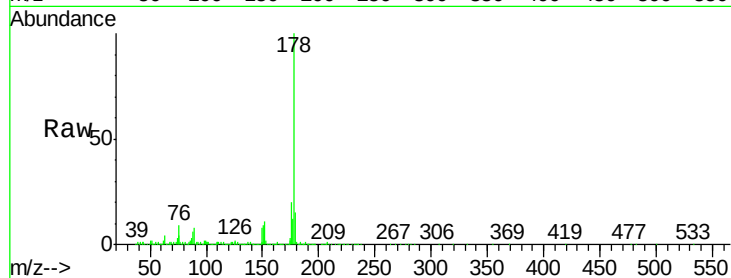
#70  
Phenanthrene  
Concen: 13.23 ng  
RT: 17.60 min Scan# 2512  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 16.8  | 25.2  |
| 179     | 15.5  | 14.3  | 21.5  |

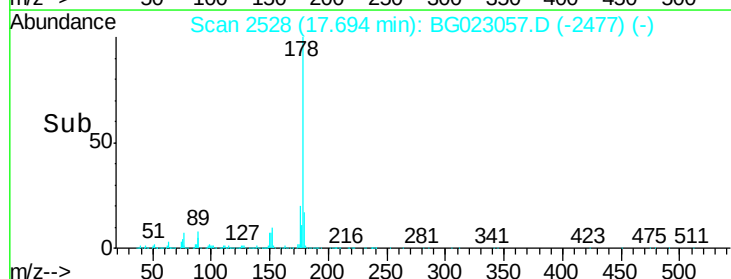
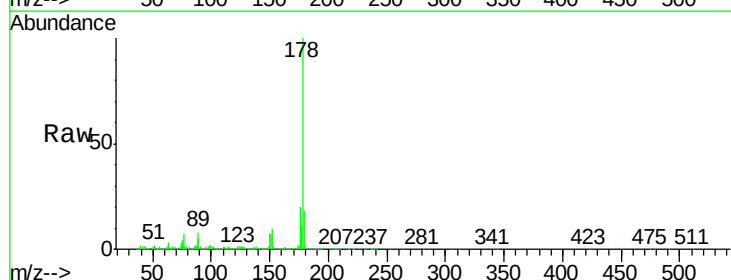
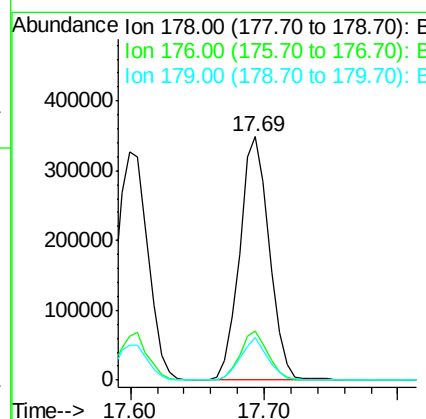
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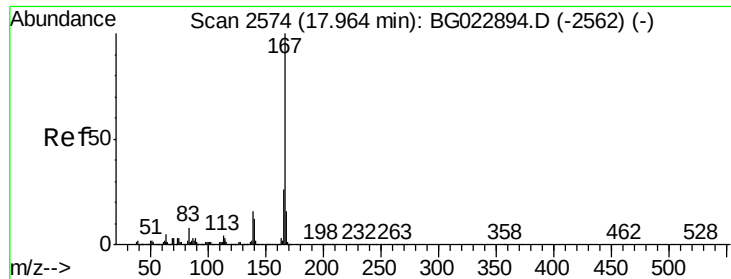
umangi  
7/13/2016 6:28:45 PM



#71  
Anthracene  
Concen: 13.29 ng  
RT: 17.69 min Scan# 2528  
Delta R.T. -0.00 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 17.3  | 25.9  |
| 179     | 17.6  | 14.0  | 21.0  |





#72

Carbazole

Concen: 12.96 ng

RT: 17.96 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA\_G

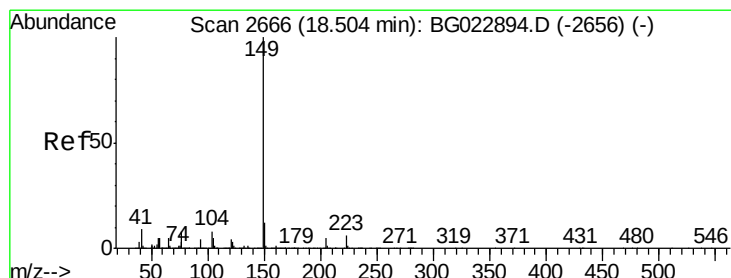
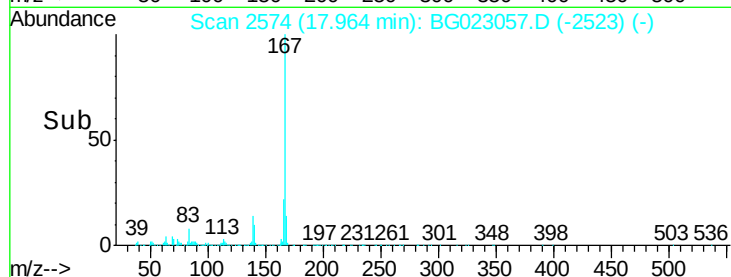
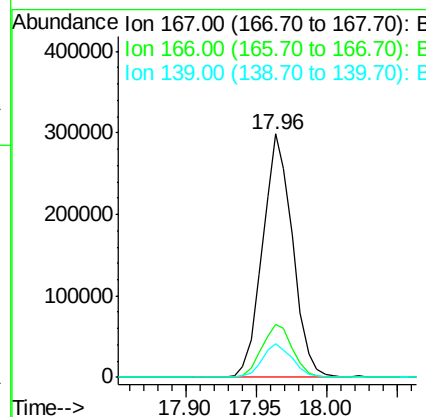
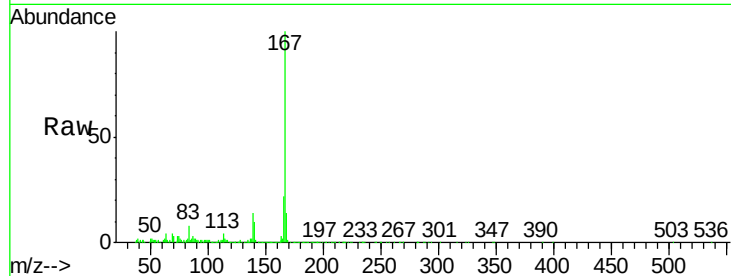
ClientSampleId :

LSS-MW-SB22(20)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 447338 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.0  | 20.7  | 31.1   |
| 139       | 13.8  | 11.9  | 17.9   |

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#73

Di-n-butylphthalate

Concen: 14.50 ng

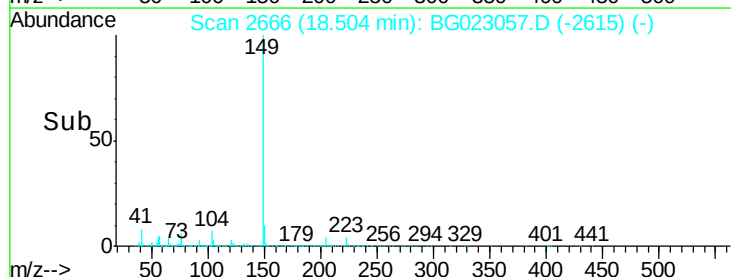
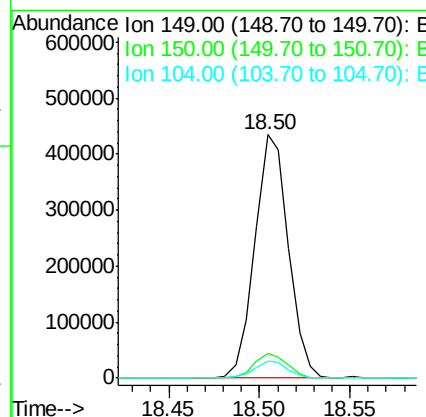
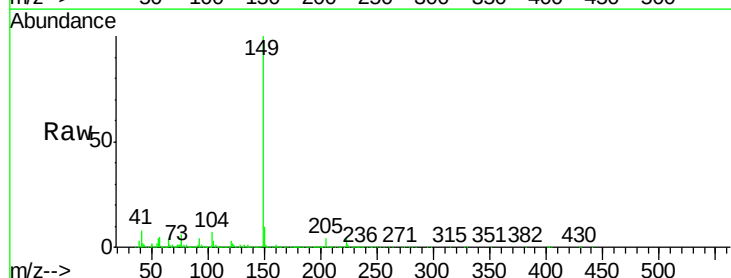
RT: 18.50 min Scan# 2666

Delta R.T. -0.00 min

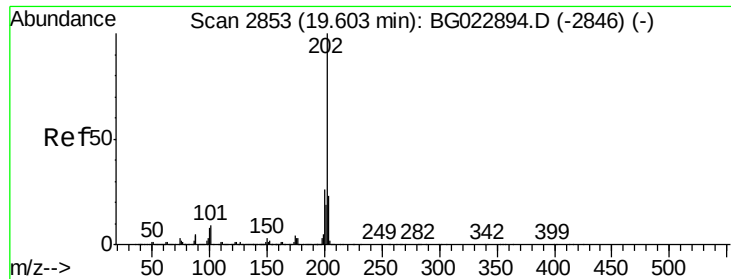
Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 556628 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 10.3  | 9.1   | 13.7   |
| 104       | 6.8   | 6.9   | 10.3#  |







#74

Fluoranthene

Concen: 12.53 ng

RT: 19.61 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA\_G

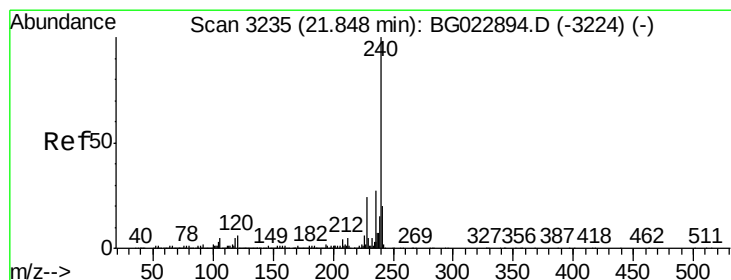
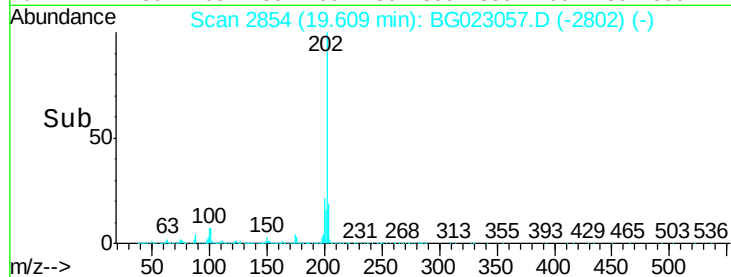
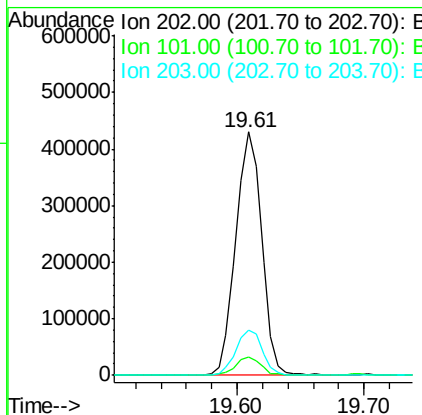
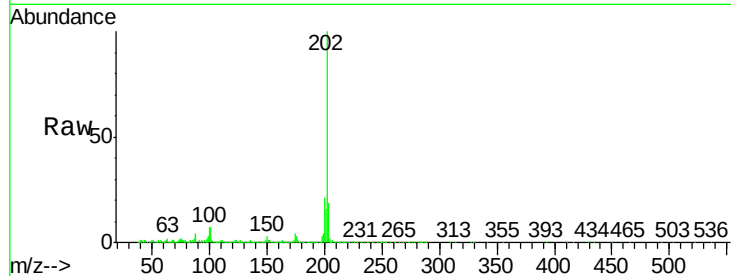
ClientSampleId :

LSS-MW-SB22(20)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 606684 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 7.4   | 0.0   | 27.4   |
| 203       | 18.7  | 1.7   | 41.7   |

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#75

Chrysene-d12

Concen: 20.00 ng

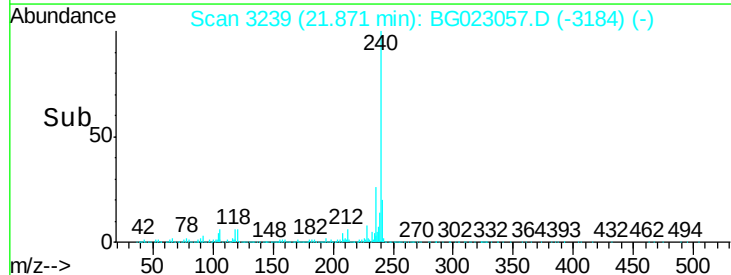
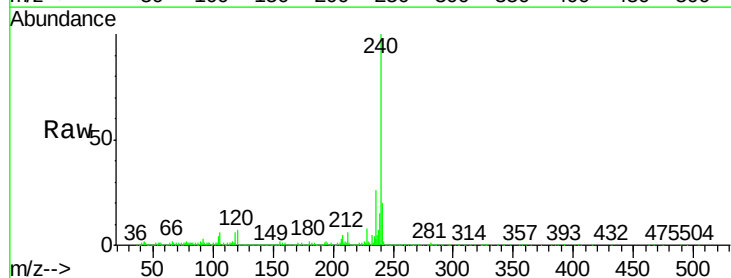
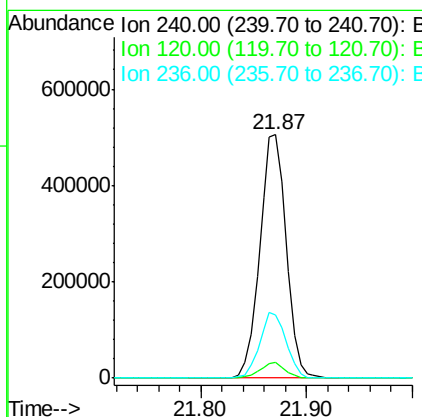
RT: 21.87 min Scan# 3239

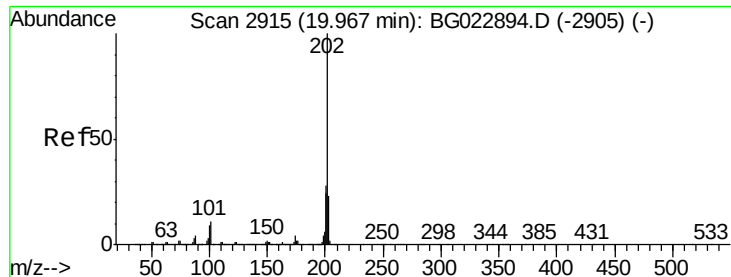
Delta R.T. 0.02 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 877232 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 6.5   | 4.1   | 6.1#   |
| 236       | 26.0  | 21.1  | 31.7   |





#77

Pvrene

Concen: 12.59 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA\_G

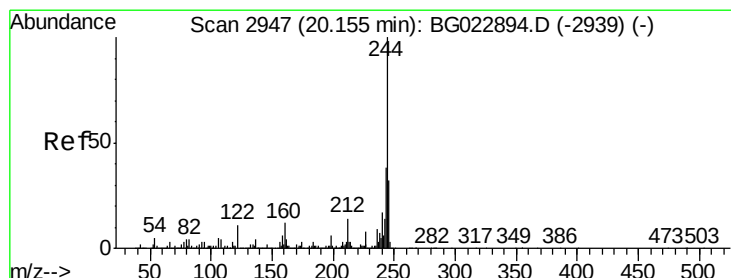
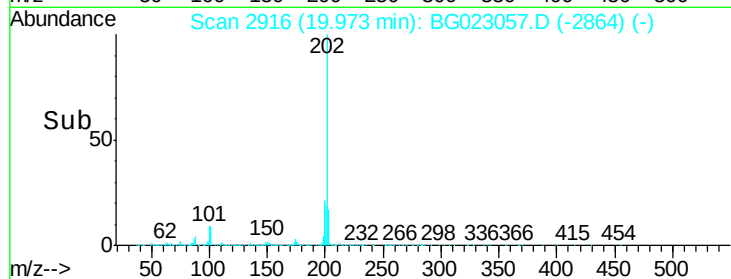
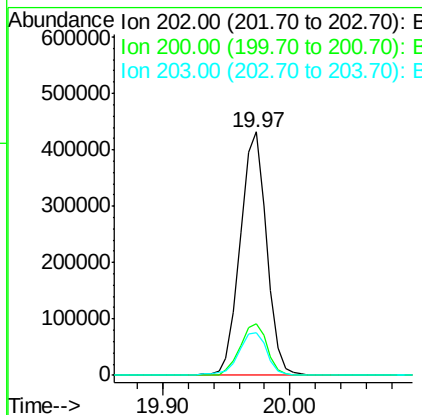
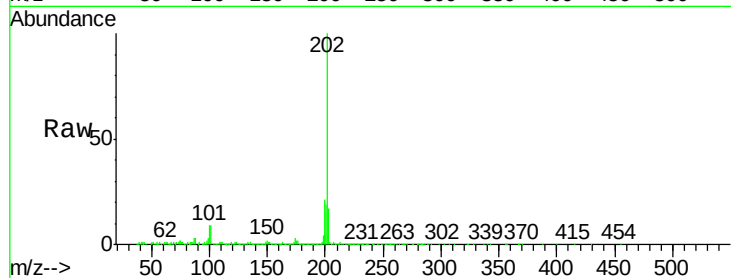
ClientSampleId :

LSS-MW-SB22(20)MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 620742 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 200       | 21.4 | 21.2  | 31.8   |
| 203       | 17.5 | 16.8  | 25.2   |

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#78

Terphenyl-d14

Concen: 112.57 ng

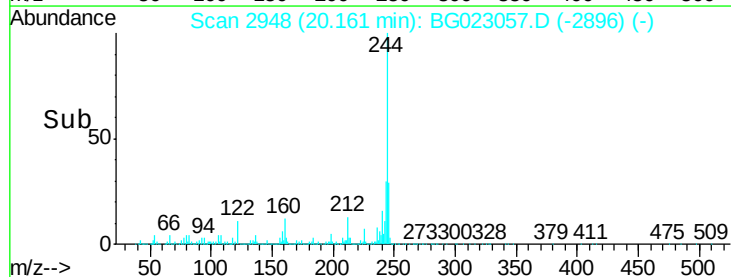
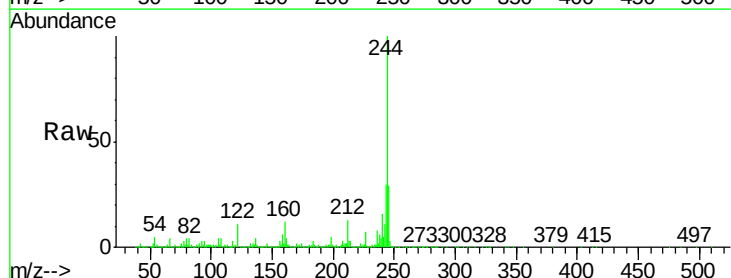
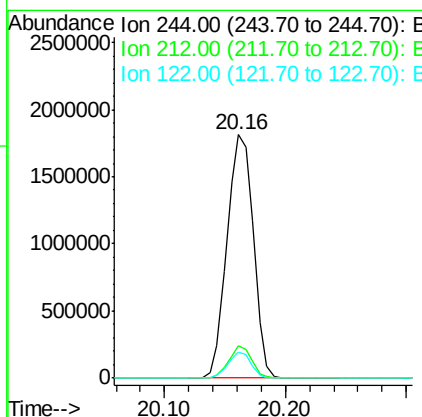
RT: 20.16 min Scan# 2948

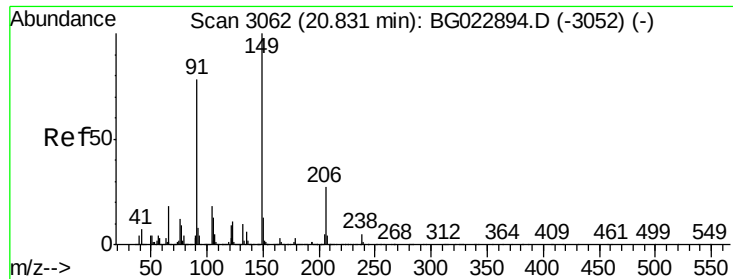
Delta R.T. 0.01 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 244  | Resp: | 2749815 |
| Ion Ratio |      | Lower | Upper   |
| 244       | 100  |       |         |
| 212       | 13.5 | 10.8  | 16.2    |
| 122       | 10.7 | 8.0   | 12.0    |





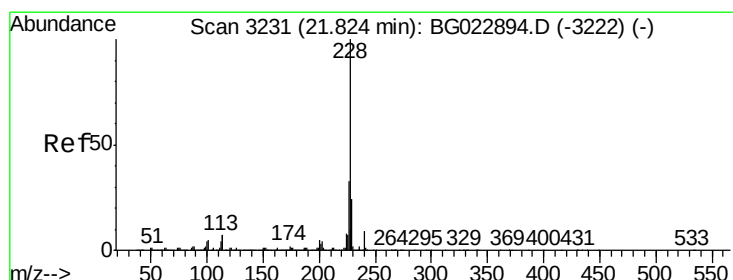
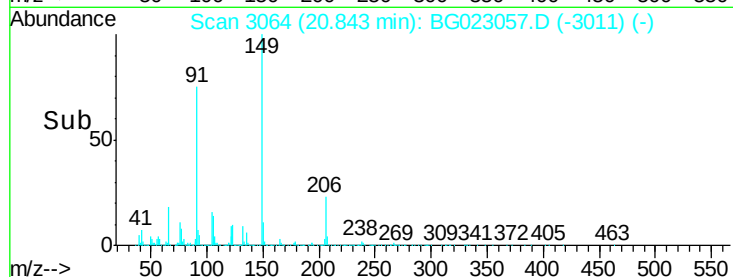
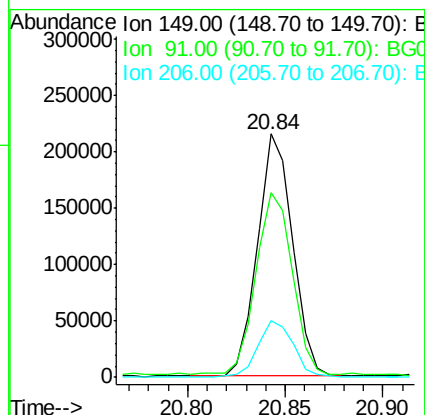
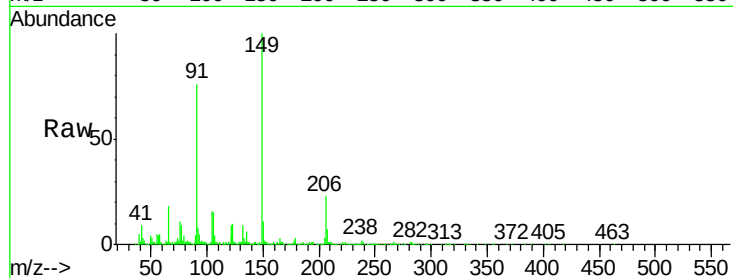
#79  
Butylbenzylphthalate  
Concen: 13.67 ng  
RT: 20.84 min Scan# 3064  
Delta R.T. 0.01 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 76.1  | 68.1  | 102.1 |
| 206     | 23.2  | 19.8  | 29.6  |

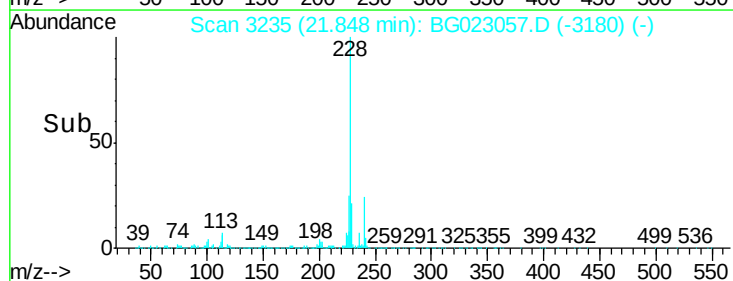
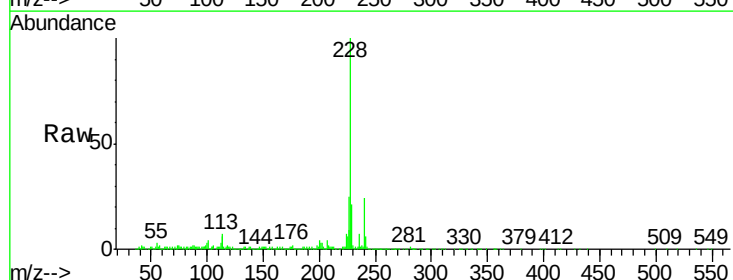
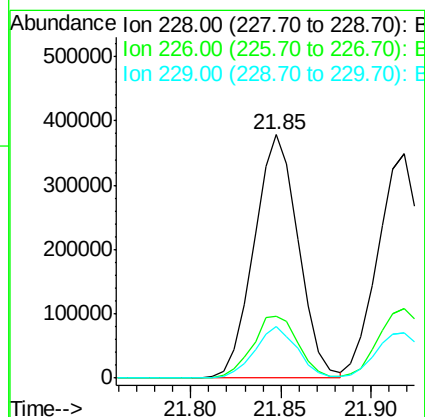
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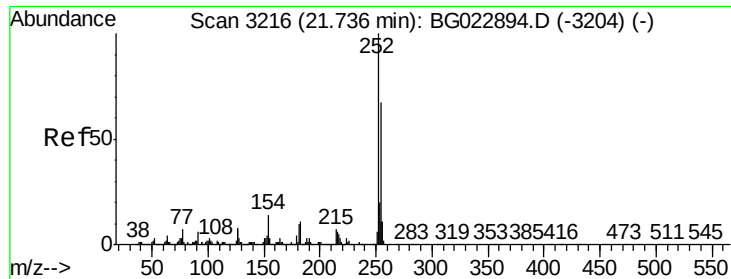
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#80  
Benzo(a)anthracene  
Concen: 13.16 ng m  
RT: 21.85 min Scan# 3235  
Delta R.T. 0.02 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 25.2  | 25.3  | 37.9# |
| 229     | 21.2  | 19.9  | 29.9  |





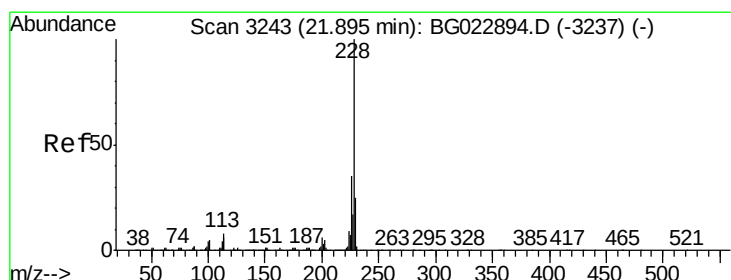
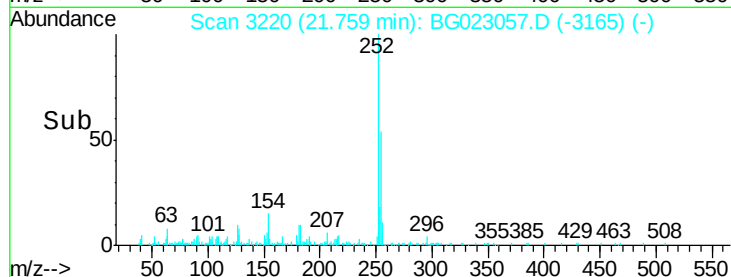
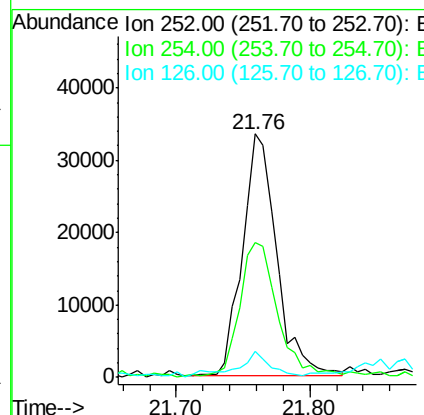
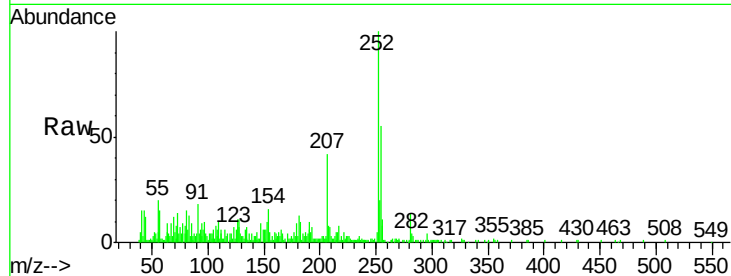
#81  
 3,3'-Dichlorobenzidine  
 Concen: 2.76 ng  
 RT: 21.76 min Scan# 3220  
 Delta R.T. 0.02 min  
 Lab File: BG023057.D  
 Acq: 13 Jul 2016 5:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 55.1  | 51.2  | 76.8  |
| 126     | 10.9  | 5.3   | 7.9   |

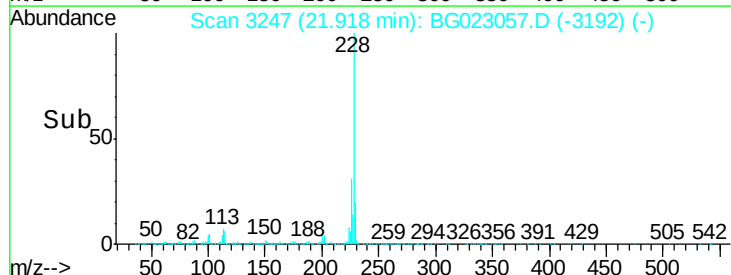
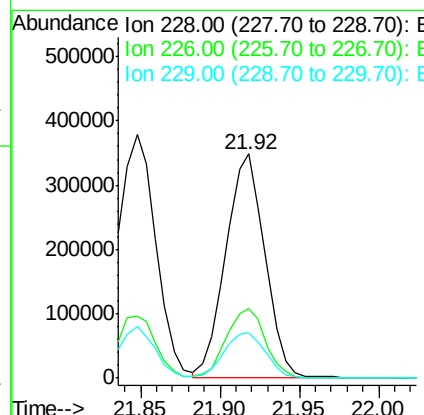
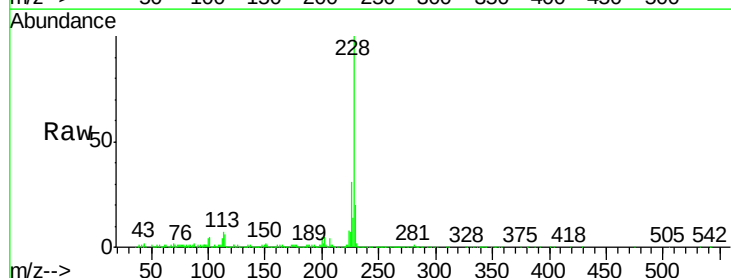
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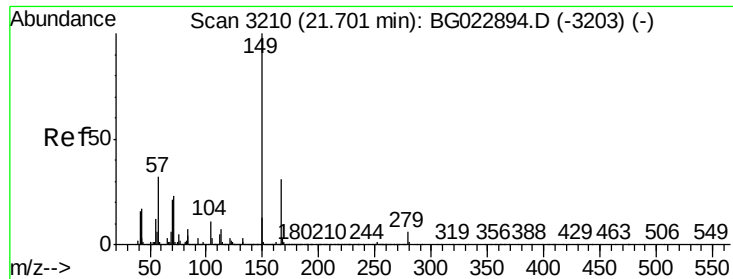
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#82  
 Chrysene  
 Concen: 12.95 ng  
 RT: 21.92 min Scan# 3247  
 Delta R.T. 0.02 min  
 Lab File: BG023057.D  
 Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.9  | 26.7  | 40.1  |
| 229     | 20.3  | 17.4  | 26.2  |





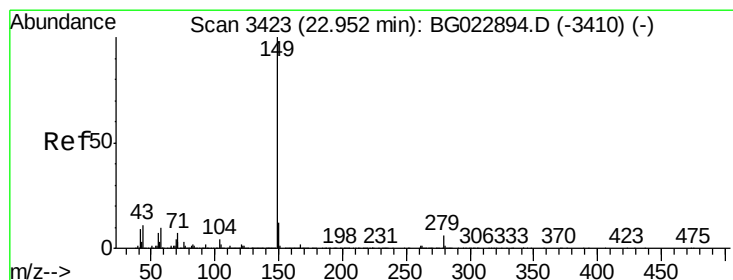
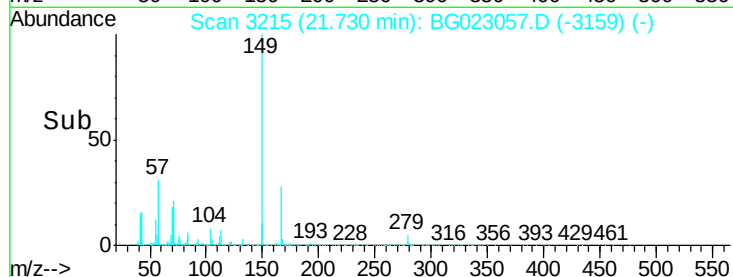
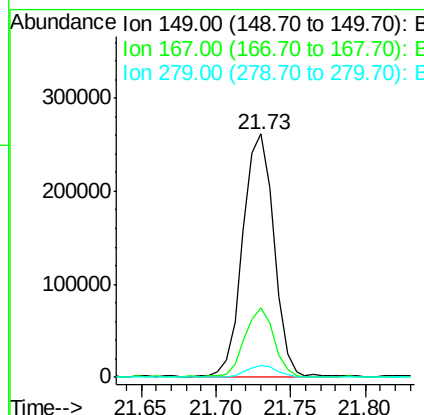
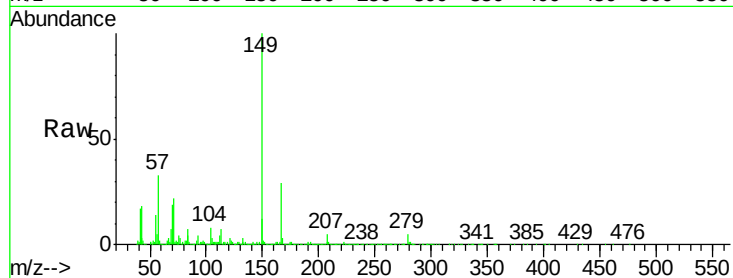
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 13.89 ng  
 RT: 21.73 min Scan# 3215  
 Delta R.T. 0.03 min  
 Lab File: BG023057.D  
 Acq: 13 Jul 2016 5:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 28.6  | 24.0       | 36.0  |
| 279     | 4.8   | 4.8        | 7.2   |

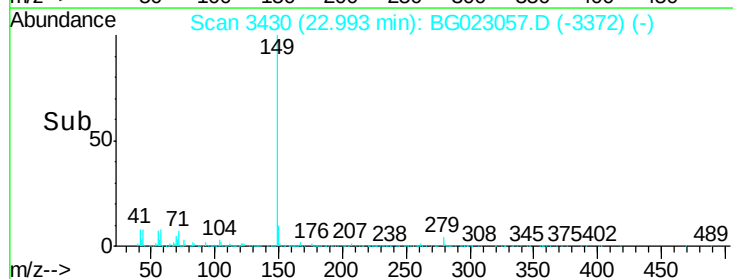
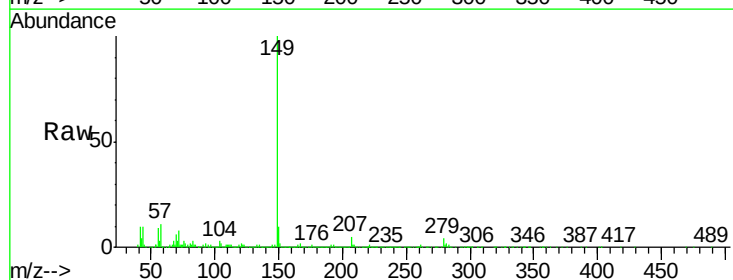
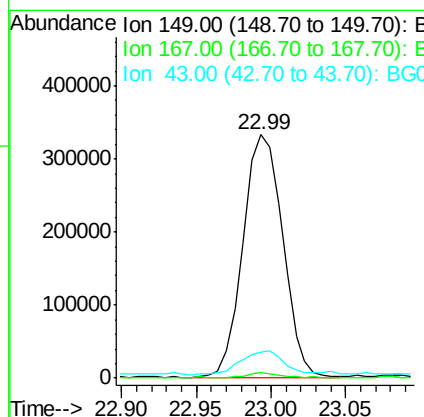
Manual Integrations  
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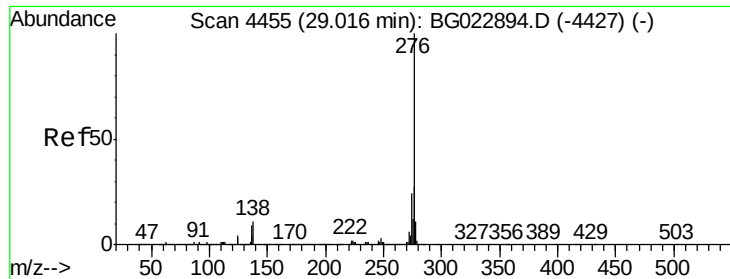
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#84  
 Di-n-octyl phthalate  
 Concen: 13.59 ng  
 RT: 22.99 min Scan# 3430  
 Delta R.T. 0.04 min  
 Lab File: BG023057.D  
 Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 1.7   | 1.5        | 2.3   |
| 43      | 10.9  | 8.8        | 13.2  |





#85

Indeno(1,2,3-cd)pyrene

Concen: 11.13 ng

RT: 29.12 min Scan# 4473

Delta R.T. 0.11 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

Instrument :

BNA\_G

ClientSampleId :

LSS-MW-SB22(20)MSD

Tot Ion:276 Resp: 653243

Ion Ratio Lower Upper

276 100

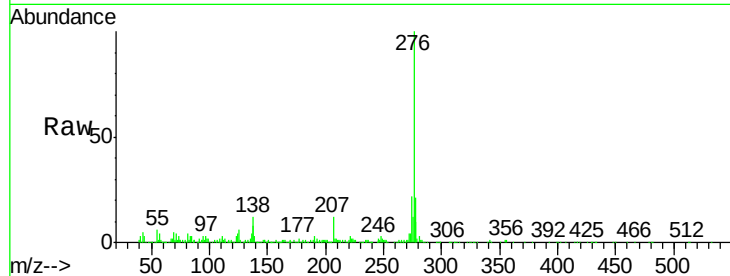
138 5.5 0.0 0.0#

277 24.8 0.0 0.0#

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

29.12

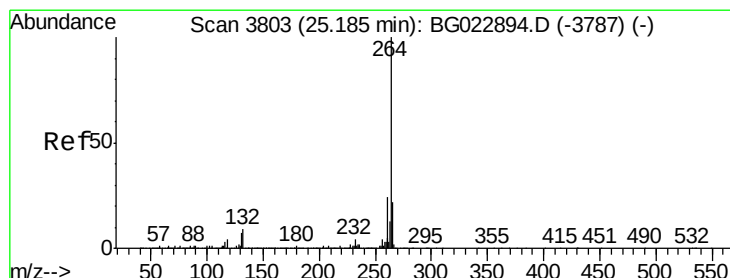
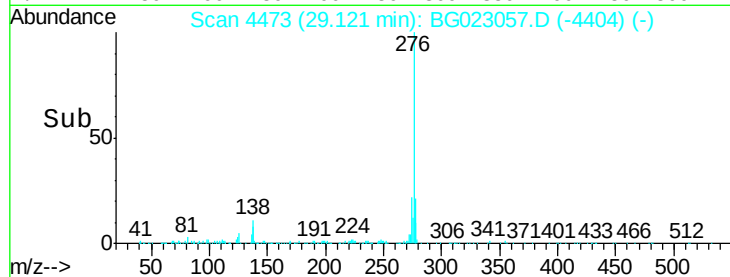
150000

100000

50000

0

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3815

Delta R.T. 0.07 min

Lab File: BG023057.D

Acq: 13 Jul 2016 5:28

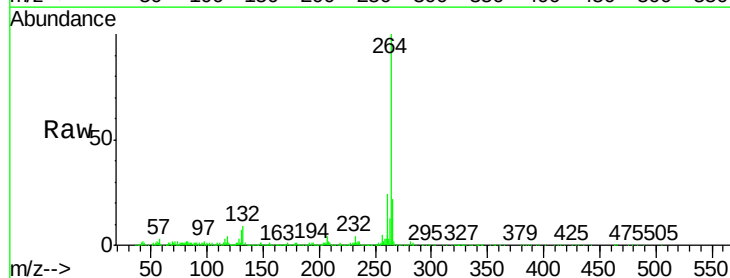
Tgt Ion:264 Resp: 890170

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.8 18.9 28.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

25.26

400000

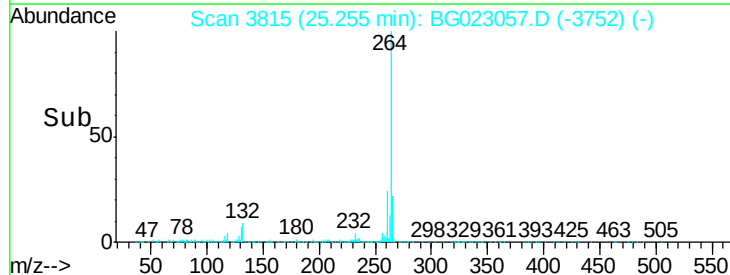
300000

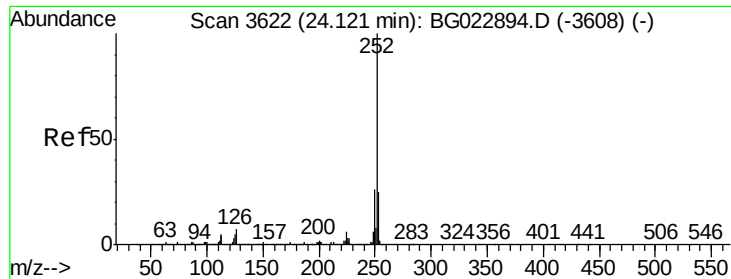
200000

100000

0

Time-->





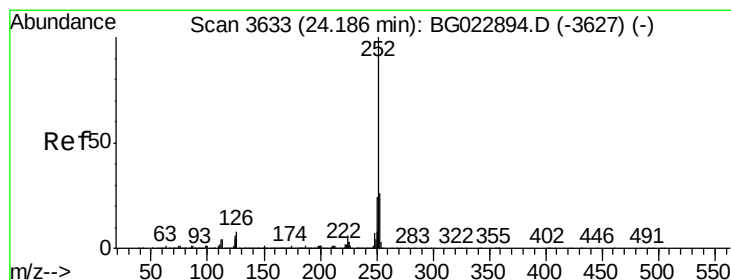
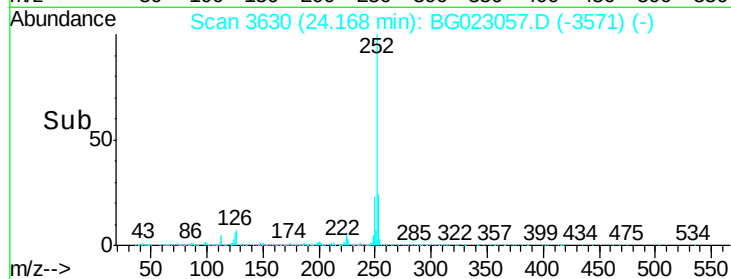
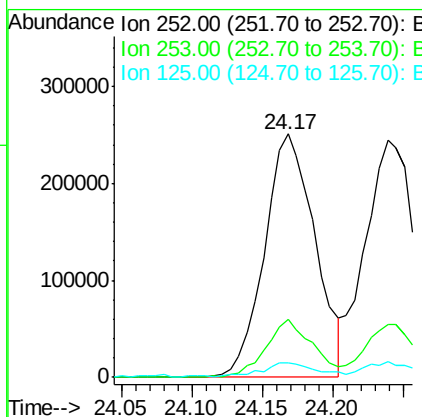
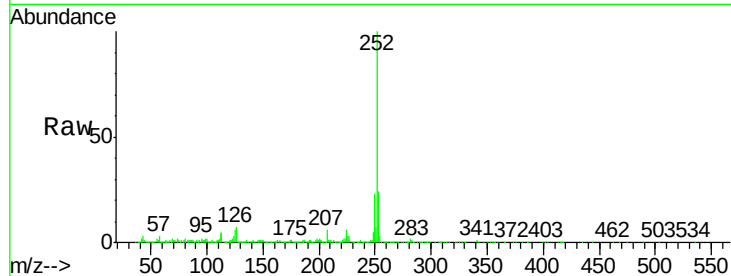
#87  
Benzo(b)fluoranthene  
Concen: 12.17 ng  
RT: 24.17 min Scan# 3630  
Delta R.T. 0.05 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.9  | 18.9  | 28.3  |
| 125     | 6.0   | 3.9   | 5.9#  |

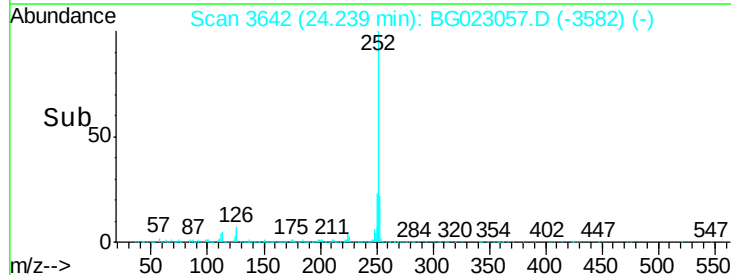
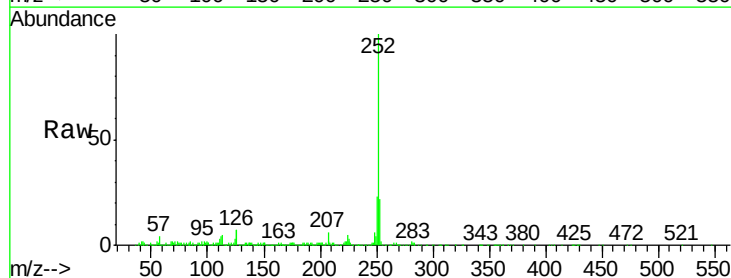
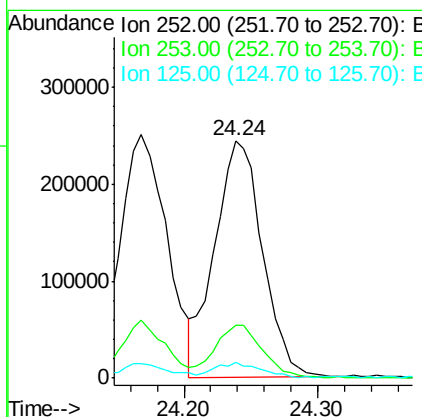
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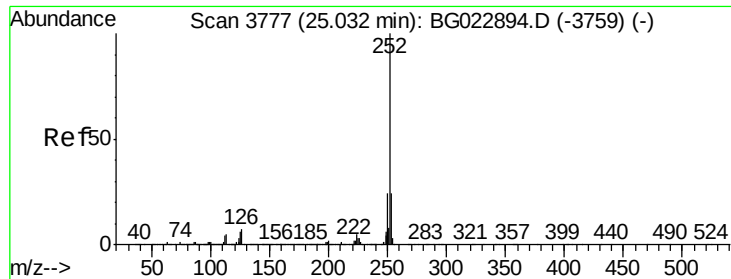
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#88  
Benzo(k)fluoranthene  
Concen: 12.46 ng  
RT: 24.24 min Scan# 3642  
Delta R.T. 0.05 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 18.8  | 28.2  |
| 125     | 6.7   | 3.2   | 4.8#  |





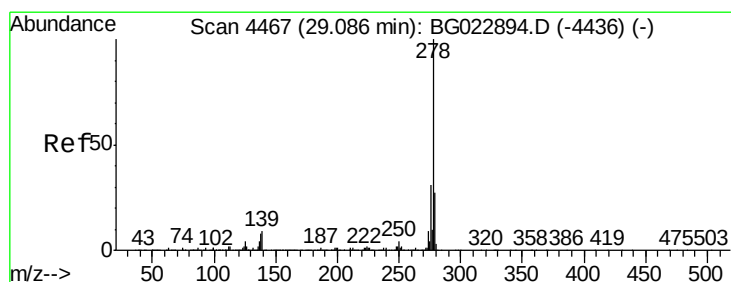
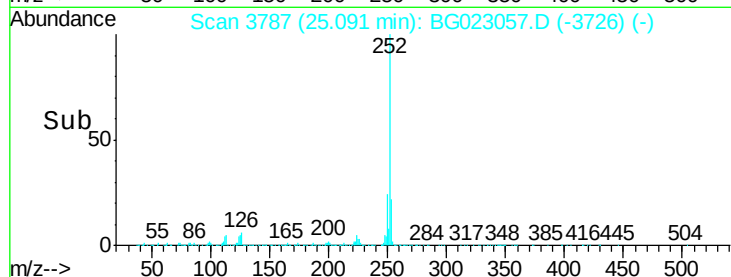
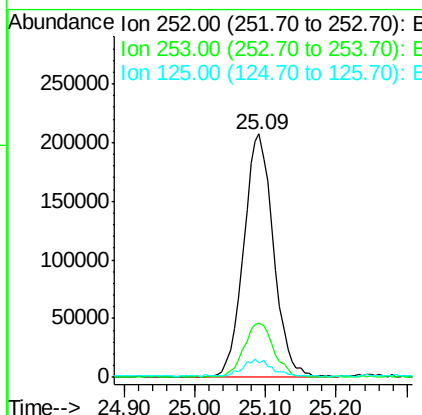
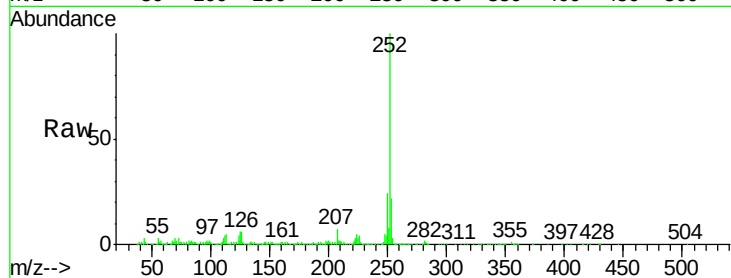
#89  
Benzo(a)pyrene  
Concen: 12.35 ng  
RT: 25.09 min Scan# 3787  
Delta R.T. 0.06 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

Instrument :  
BNA\_G  
ClientSampleId :  
LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 18.7  | 28.1  |
| 125     | 5.8   | 3.9   | 5.9   |

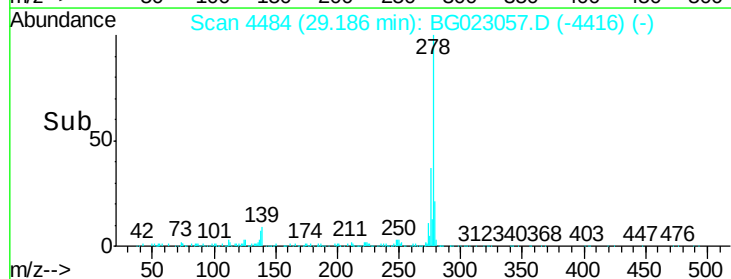
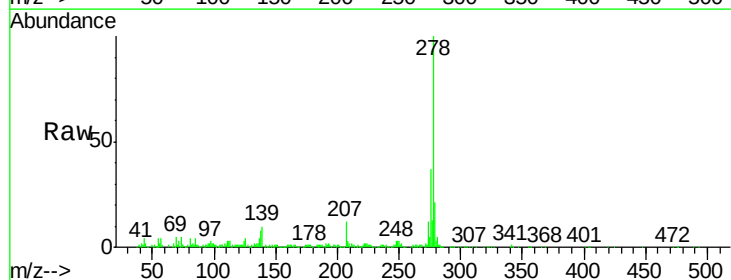
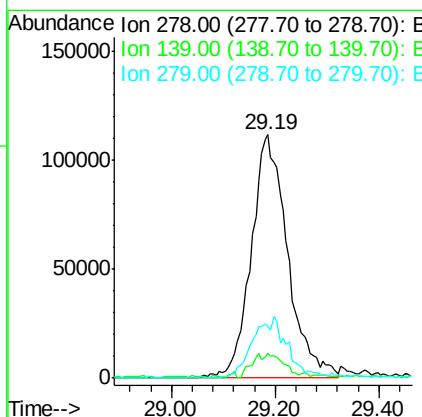
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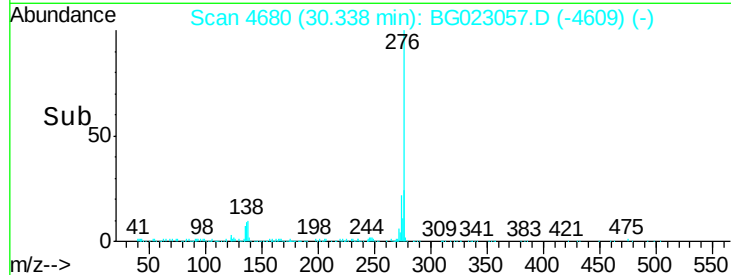
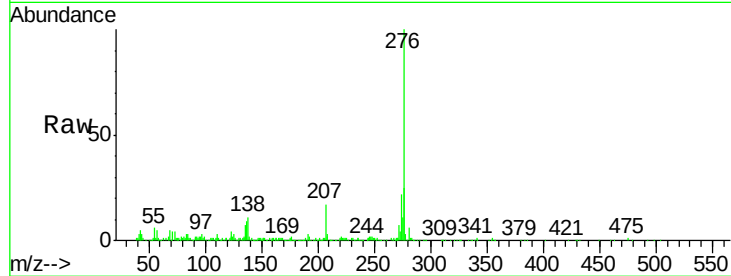
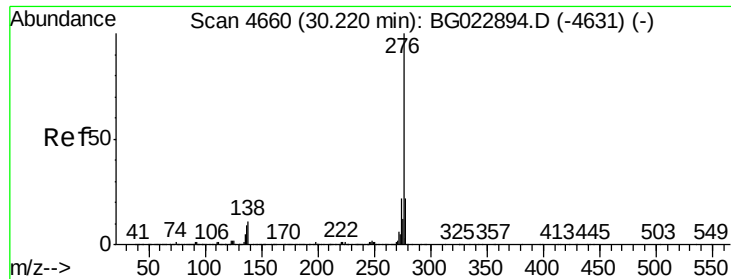


#90  
Dibenzo(a,h)anthracene  
Concen: 11.17 ng  
RT: 29.19 min Scan# 4484  
Delta R.T. 0.10 min  
Lab File: BG023057.D  
Acq: 13 Jul 2016 5:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 10.1  | 4.7   | 7.1#  |
| 279     | 21.1  | 18.3  | 27.5  |







#91  
 Benzo(a,h,i)perylene  
 Concen: 10.97 ng  
 RT: 30.34 min Scan# 4680  
 Delta R.T. 0.12 min  
 Lab File: BG023057.D  
 Acq: 13 Jul 2016 5:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LSS-MW-SB22(20)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.6  | 18.6  | 27.8  |
| 138     | 13.1  | 6.8   | 10.2  |

Manual Integrations  
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