

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\  
 Data File : BG032949.D  
 Acq On : 2 Mar 2018 17:17  
 Operator : SJ/JU  
 Sample : J1751-02MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JC-02-030118-AMS

Manual Integrations  
 APPROVED

Sohil  
 3/5/2018 3:17:59 PM

Quant Time: Mar 02 23:49:29 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 01 17:38:52 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.92  | 152  | 65670    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.81 | 136  | 285739   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.54 | 164  | 160364   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.26 | 188  | 364190   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.62 | 240  | 320088   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 26.43 | 264  | 348645   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 6.33  | 112 | 569496  | 138.74 | ng | 0.00 |
| 7) Phenol-d6             | 8.02  | 99  | 725437  | 126.79 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 10.12 | 82  | 488921  | 114.81 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 17.01 | 330 | 269095  | 159.59 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 14.17 | 172 | 1028023 | 92.46  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.78 | 244 | 1447550 | 101.60 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |         |    | Qvalue |
|--------------------------------|-------|-----|--------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.98  | 88  | 71546  | 40.162  | ng | # 90   |
| 3) Pyridine                    | 4.44  | 79  | 155709 | 31.712  | ng | 96     |
| 4) n-Nitrosodimethylamine      | 4.33  | 42  | 110300 | 56.031  | ng | # 89   |
| 6) Aniline                     | 8.21  | 93  | 103423 | 13.354  | ng | 99     |
| 8) 2-Chlorophenol              | 8.46  | 128 | 222879 | 49.607  | ng | 96     |
| 9) Benzaldehyde                | 8.02  | 77  | 78362  | 23.764  | ng | 91     |
| 10) Phenol                     | 8.05  | 94  | 254178 | 44.070  | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 8.30  | 93  | 213627 | 45.297  | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 8.80  | 146 | 227148 | 43.165  | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.96  | 146 | 229842 | 43.391  | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 9.29  | 146 | 219600 | 43.263  | ng | 98     |
| 15) Benzyl Alcohol             | 9.15  | 79  | 199379 | 47.402  | ng | 89     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.44  | 45  | 384674 | 47.447  | ng | 98     |
| 17) 2-Methylphenol             | 9.34  | 107 | 189879 | 44.646  | ng | 97     |
| 18) Hexachloroethane           | 10.05 | 117 | 85160  | 47.219  | ng | # 85   |
| 19) n-Nitroso-di-n-propylamine | 9.73  | 70  | 174926 | 43.307  | ng | # 92   |
| 20) 3+4-Methylphenols          | 9.68  | 107 | 262424 | 44.377  | ng | 94     |
| 22) Acetophenone               | 9.76  | 105 | 324964 | 45.032  | ng | # 97   |
| 24) Nitrobenzene               | 10.16 | 77  | 244181 | 52.843  | ng | 91     |
| 25) Isophorone                 | 10.68 | 82  | 482292 | 48.088  | ng | 94     |
| 26) 2-Nitrophenol              | 10.89 | 139 | 117726 | 64.956  | ng | 94     |
| 27) 2,4-Dimethylphenol         | 10.92 | 122 | 239512 | 54.974  | ng | 90     |
| 28) bis(2-Chloroethoxy)methane | 11.17 | 93  | 290781 | 49.769  | ng | 96     |
| 29) 2,4-Dichlorophenol         | 11.43 | 162 | 209038 | 52.864  | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 11.66 | 180 | 206140 | 44.473  | ng | 96     |
| 31) Naphthalene                | 11.86 | 128 | 827543 | 55.425  | ng | 99     |
| 32) Benzoic acid               | 11.04 | 122 | 143131 | 51.185  | ng | # 86   |
| 33) 4-Chloroaniline            | 11.94 | 127 | 66794  | 10.005  | ng | 96     |
| 34) Hexachlorobutadiene        | 12.12 | 225 | 111565 | 42.910  | ng | 96     |
| 35) Caprolactam                | 12.69 | 113 | 69919  | 44.160  | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 13.00 | 107 | 247615 | 53.811  | ng | 90     |
| 37) 2-Methylnaphthalene        | 13.40 | 142 | 528063 | 48.885  | ng | 92     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.76 | 216 | 210621 | 44.244  | ng | # 96   |
| 40) Hexachlorocyclopentadiene  | 13.73 | 237 | 258013 | 106.349 | ng | 90     |

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JC-02-030118-AMS

Manual Integrations  
 APPROVED

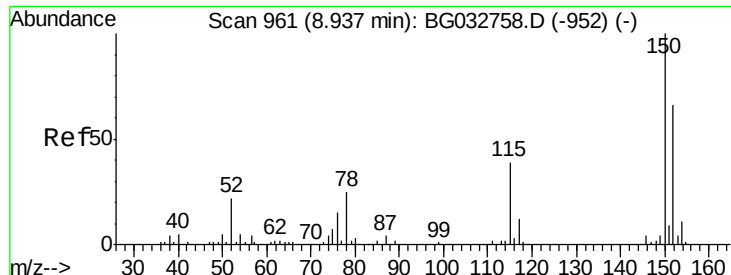
Sohil  
 3/5/2018 3:17:59 PM

Quant Time: Mar 02 23:49:29 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 01 17:38:52 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.98 | 196  | 161368   | 53.751  | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 14.05 | 196  | 178304   | 51.316  | nq    | 97       |
| 45) 1,1'-Biphenyl              | 14.38 | 154  | 633472   | 45.205  | nq    | 95       |
| 46) 2-Chloronaphthalene        | 14.43 | 162  | 479480   | 45.805  | nq    | 98       |
| 47) 2-Nitroaniline             | 14.61 | 65   | 176292   | 62.931  | nq    | 94       |
| 48) Acenaphthylene             | 15.27 | 152  | 796660   | 46.484  | nq    | 98       |
| 49) Dimethylphthalate          | 14.96 | 163  | 634926   | 46.630  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 15.09 | 165  | 144202   | 61.021  | nq    | 90       |
| 51) Acenaphthene               | 15.60 | 154  | 531905   | 49.835  | nq    | 97       |
| 52) 3-Nitroaniline             | 15.42 | 138  | 59919    | 25.657  | nq    | # 88     |
| 53) 2,4-Dinitrophenol          | 15.62 | 184  | 102624   | 120.770 | nq    | 85       |
| 54) Dibenzofuran               | 15.93 | 168  | 733617   | 48.271  | nq    | 94       |
| 55) 4-Nitrophenol              | 15.69 | 139  | 218574   | 96.430  | nq    | 84       |
| 56) 2,4-Dinitrotoluene         | 15.86 | 165  | 201217   | 68.249  | nq    | # 87     |
| 57) Fluorene                   | 16.57 | 166  | 594582   | 47.401  | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 16.13 | 232  | 153216m  | 56.796  | nq    |          |
| 59) Diethylphthalate           | 16.30 | 149  | 679280   | 47.298  | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 16.55 | 204  | 295333   | 48.129  | nq    | 92       |
| 61) 4-Nitroaniline             | 16.57 | 138  | 134174   | 45.791  | nq    | 85       |
| 62) Azobenzene                 | 16.84 | 77   | 624531   | 48.609  | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 16.62 | 198  | 84816    | 68.358  | nq    | 92       |
| 65) n-Nitrosodiphenylamine     | 16.75 | 169  | 557699   | 47.073  | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 17.44 | 248  | 177419   | 46.072  | nq    | # 88     |
| 67) Hexachlorobenzene          | 17.56 | 284  | 179999   | 43.253  | nq    | # 87     |
| 68) Atrazine                   | 17.67 | 200  | 182872   | 46.893  | nq    | 95       |
| 69) Pentachlorophenol          | 17.90 | 266  | 241971   | 92.311  | nq    | 97       |
| 70) Phenanthrene               | 18.30 | 178  | 956124   | 47.058  | nq    | 98       |
| 71) Anthracene                 | 18.40 | 178  | 971629   | 47.633  | nq    | 98       |
| 72) Carbazole                  | 18.65 | 167  | 906214   | 45.072  | nq    | 97       |
| 73) Di-n-butylphthalate        | 19.15 | 149  | 1147878  | 46.537  | nq    | 98       |
| 74) Fluoranthene               | 20.25 | 202  | 1053629  | 46.945  | nq    | 93       |
| 76) Benzidine                  | 20.41 | 184  | 98548    | 9.032   | nq    | 97       |
| 77) Pyrene                     | 20.61 | 202  | 1054535  | 46.717  | nq    | 96       |
| 79) Butylbenzylphthalate       | 21.47 | 149  | 536284   | 53.586  | nq    | 93       |
| 80) Benzo(a)anthracene         | 22.60 | 228  | 1001141  | 48.775  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 22.48 | 252  | 176380   | 23.202  | nq    | # 98     |
| 82) Chrysene                   | 22.68 | 228  | 935252   | 47.699  | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 22.43 | 149  | 757780   | 51.152  | nq    | # 97     |
| 84) Di-n-octyl phthalate       | 23.85 | 149  | 1303441  | 57.724  | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 30.87 | 276  | 1053032  | 46.051  | nq    | # 91     |
| 87) Benzo(b)fluoranthene       | 25.21 | 252  | 996660   | 48.348  | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 25.29 | 252  | 984989   | 48.078  | nq    | # 95     |
| 89) Benzo(a)pyrene             | 26.25 | 252  | 971487   | 49.548  | nq    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 30.94 | 278  | 878286   | 44.502  | nq    | # 91     |
| 91) Benzo(g,h,i)perylene       | 32.27 | 276  | 888453   | 45.667  | nq    | # 91     |

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





#1

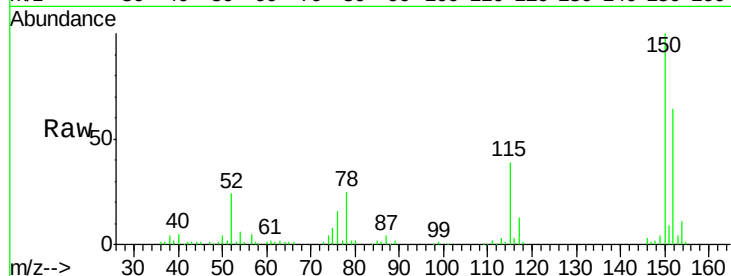
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.92 min Scan# 959  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.3 | 126.6 | 189.8 |
| 115     | 60.2  | 53.0  | 79.4  |

Manual Integrations  
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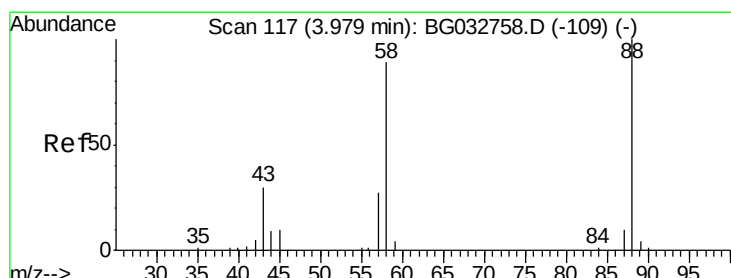
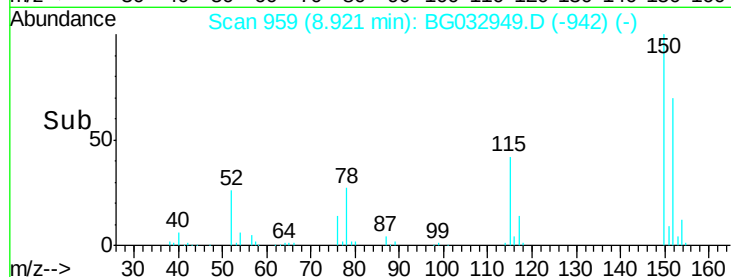
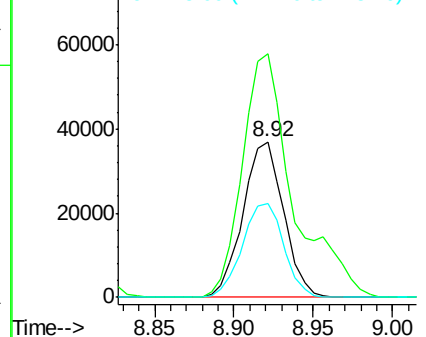


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

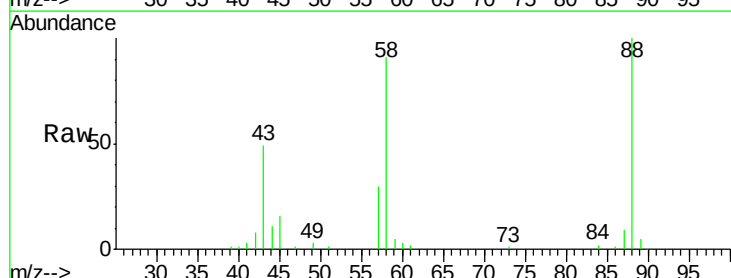
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 40.162 ng  
RT: 3.98 min Scan# 118  
Delta R.T. 0.01 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 90.7  | 79.6  | 119.4 |
| 43      | 41.7  | 27.4  | 41.0# |

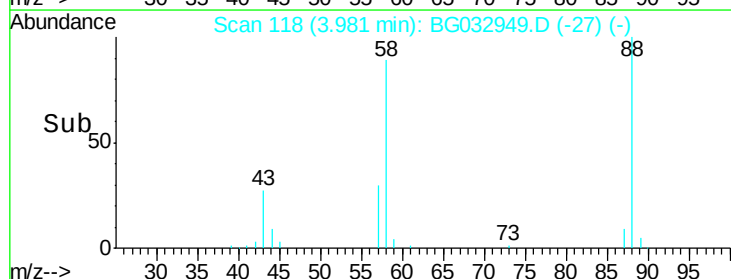
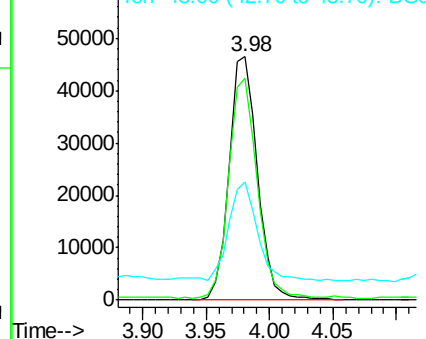


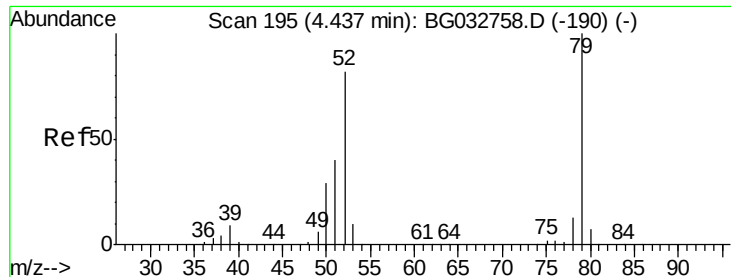
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.712 ng

RT: 4.44 min Scan# 197

Delta R.T. 0.01 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Instrument :

BNA\_G

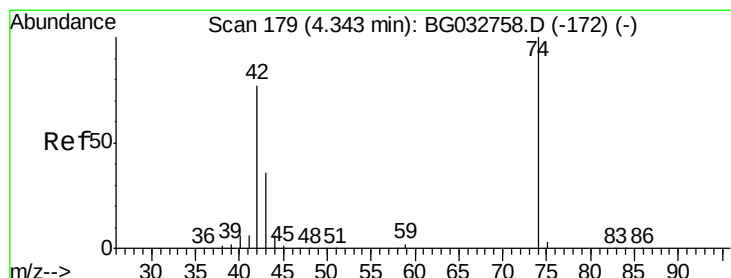
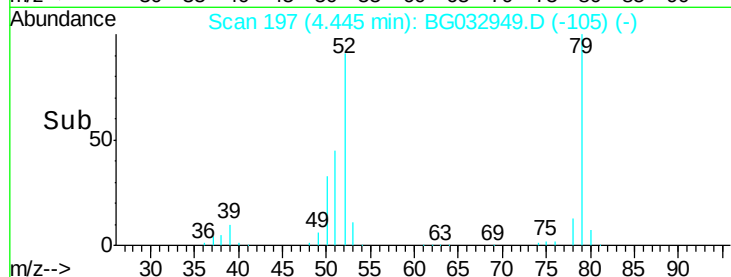
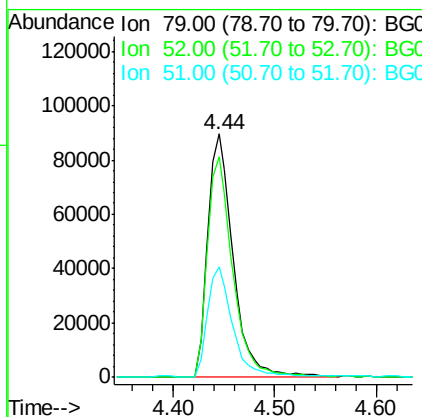
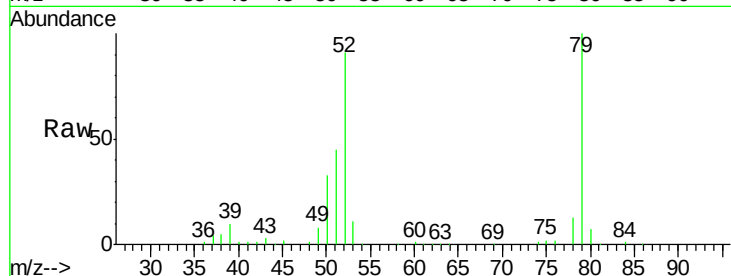
ClientSampleId :

JC-02-030118-AMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 155709 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 90.6  | 69.9  | 104.9  |
| 51       | 45.4  | 34.0  | 51.0   |

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#4

n-Nitrosodimethylamine

Concen: 56.031 ng

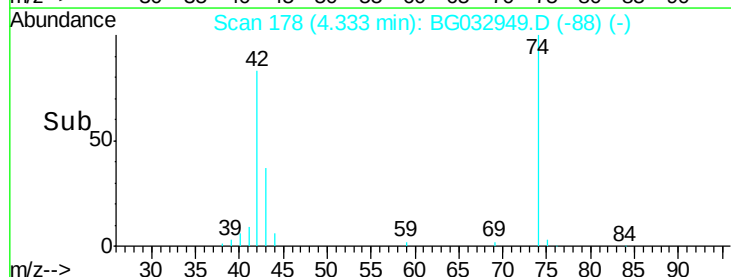
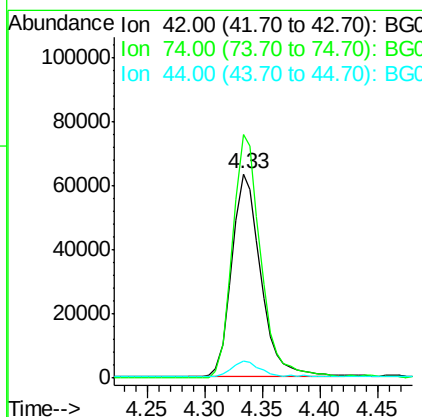
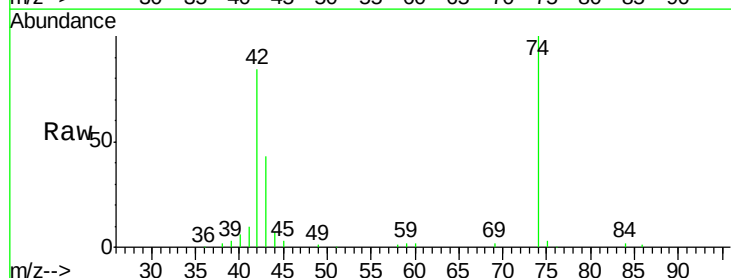
RT: 4.33 min Scan# 178

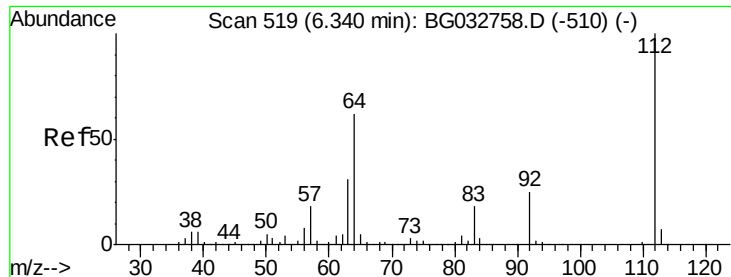
Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 110300 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 119.3 | 102.5 | 153.7  |
| 44       | 8.1   | 18.9  | 28.3   |





#5

2-Fluorophenol

Concen: 138.741 ng

RT: 6.33 min Scan# 518

Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Instrument :

BNA\_G

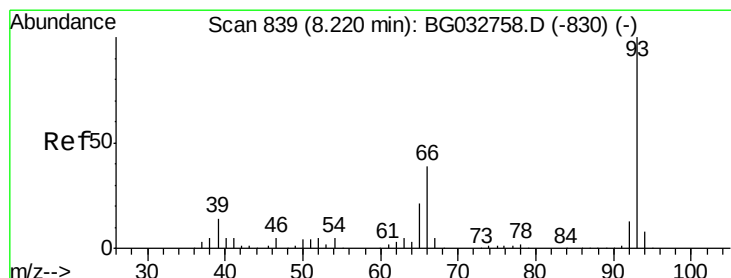
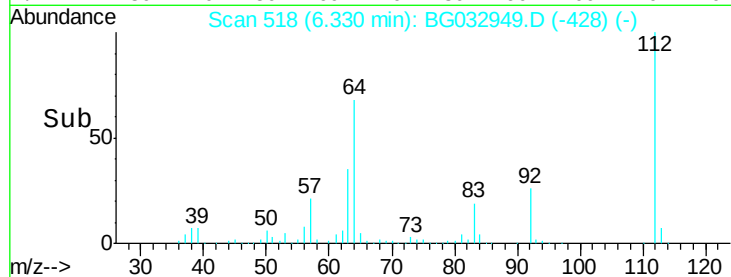
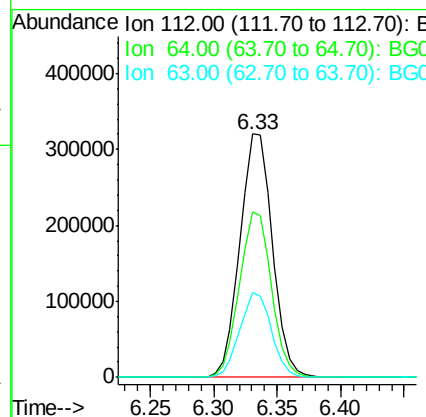
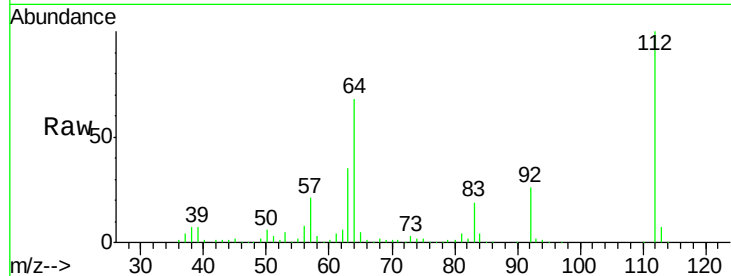
ClientSampleId :

JC-02-030118-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 569496 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 68.0  | 56.3  | 84.5   |
| 63        | 34.6  | 30.1  | 45.1   |

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#6

Aniline

Concen: 13.354 ng

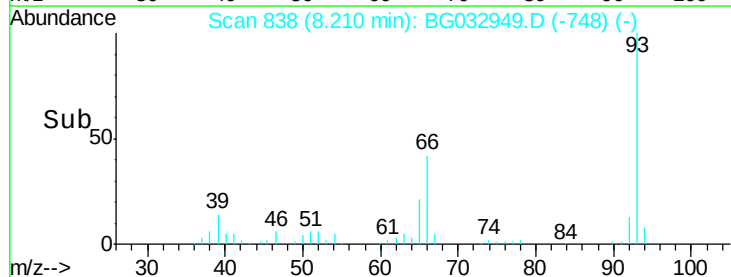
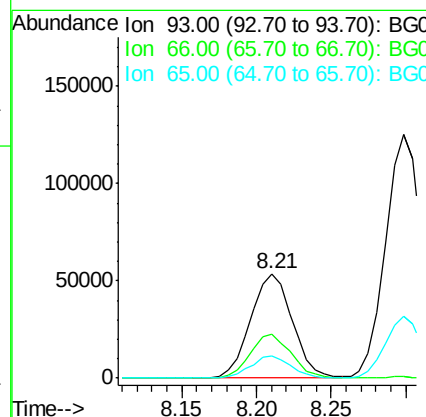
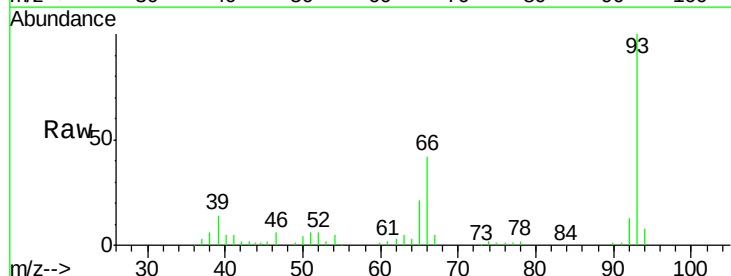
RT: 8.21 min Scan# 838

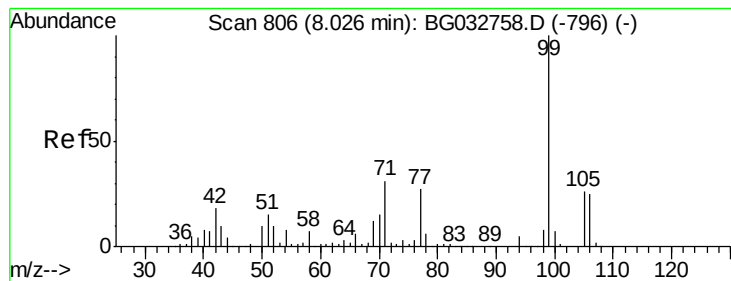
Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 103423 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 41.8  | 33.7  | 50.5   |
| 65        | 20.8  | 16.1  | 24.1   |





#7

Phenol-d6

Concen: 126.793 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Instrument :

BNA\_G

ClientSampleId :

JC-02-030118-AMS

Tot Ion: 99 Resp: 725437

Ion Ratio Lower Upper

99 100

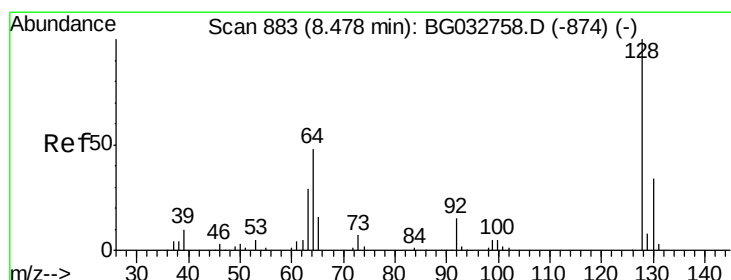
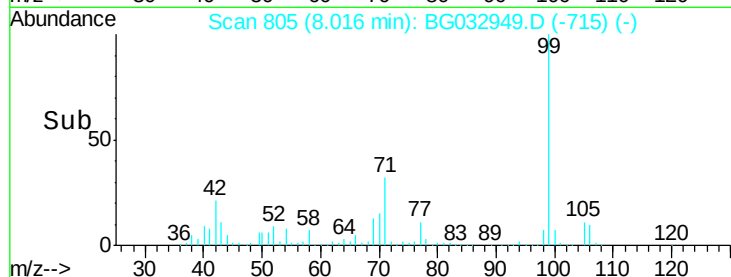
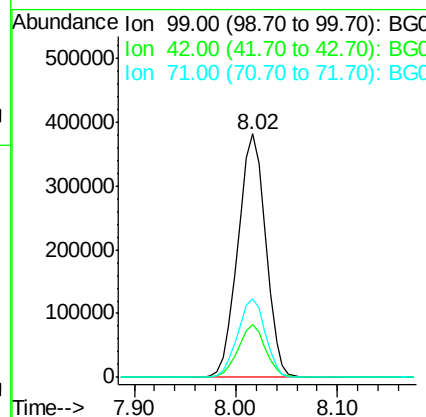
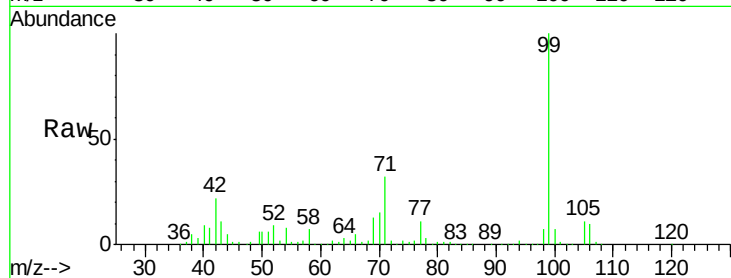
42 21.5 14.1 21.1#

71 32.3 26.1 39.1

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#8

2-Chlorophenol

Concen: 49.607 ng

RT: 8.46 min Scan# 881

Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

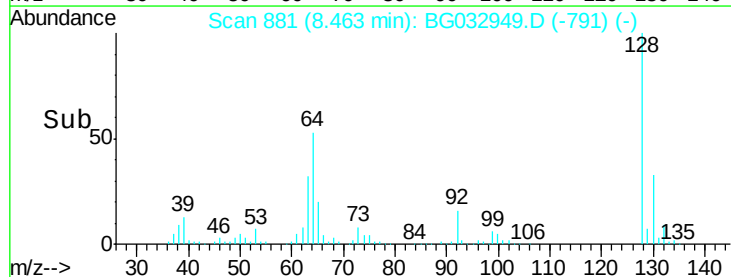
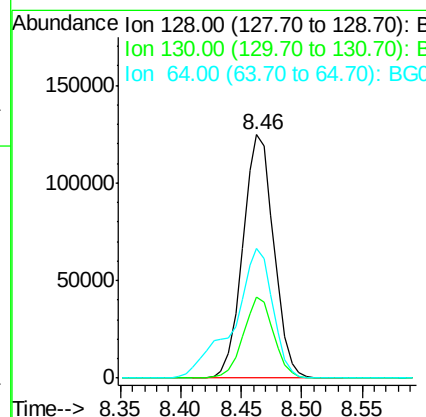
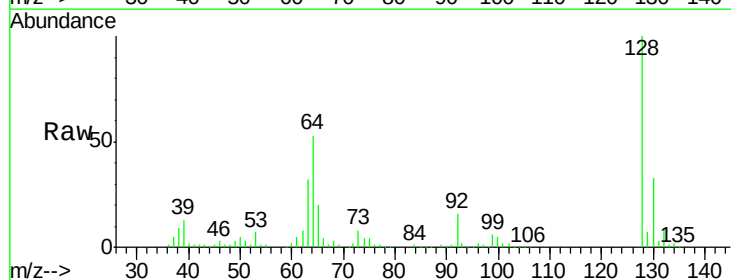
Tgt Ion: 128 Resp: 222879

Ion Ratio Lower Upper

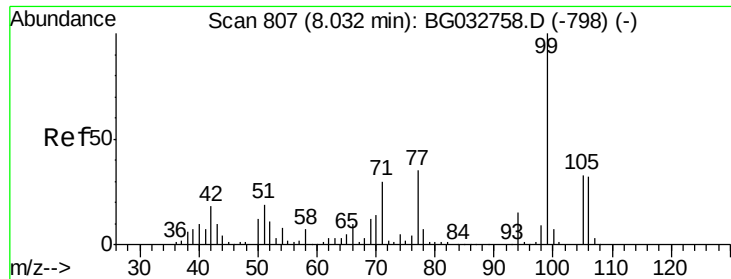
128 100

130 33.2 14.0 54.0

64 53.5 37.7 77.7







#9

Benzaldehyde

Concen: 23.764 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Instrument :

BNA\_G

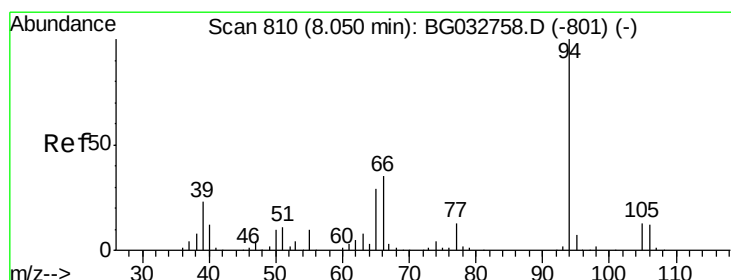
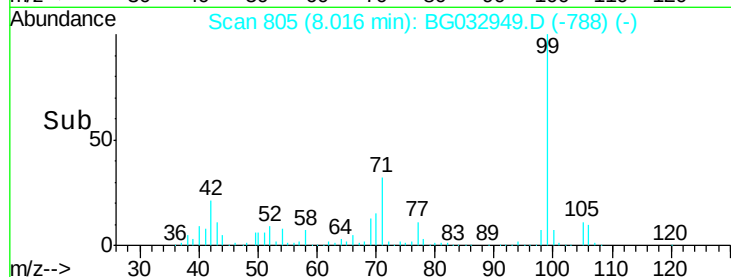
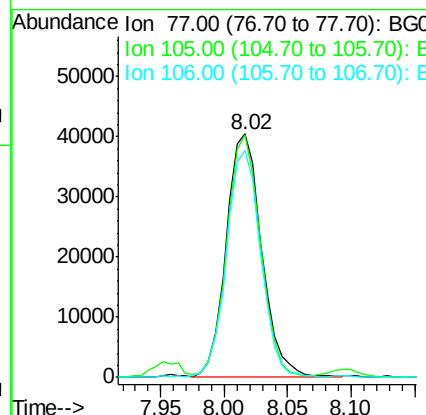
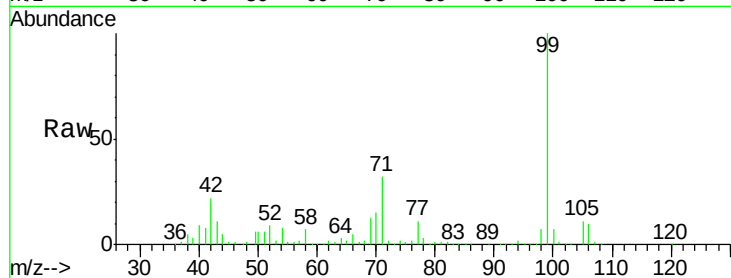
ClientSampleId :

JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 99.4  | 71.3  | 111.3 |
| 106     | 93.0  | 64.2  | 104.2 |

Manual Integrations  
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#10

Phenol

Concen: 44.070 ng

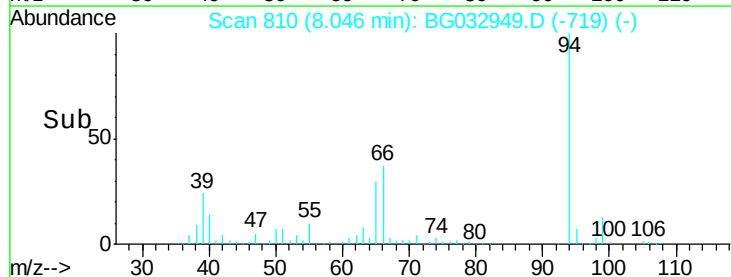
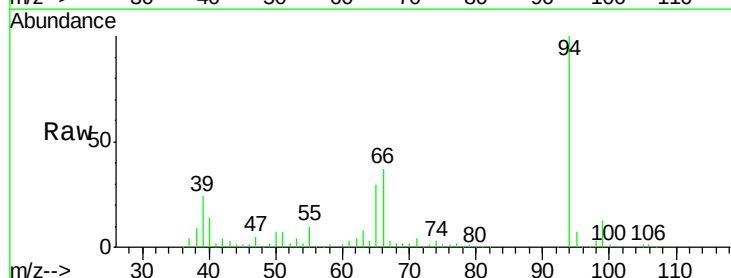
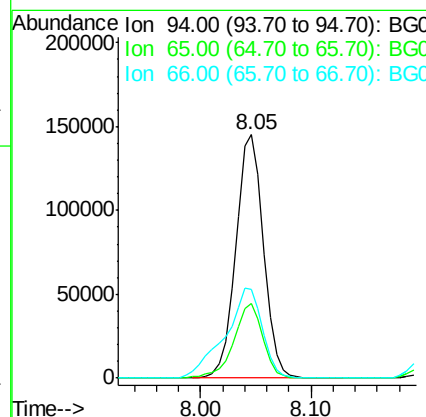
RT: 8.05 min Scan# 810

Delta R.T. 0.01 min

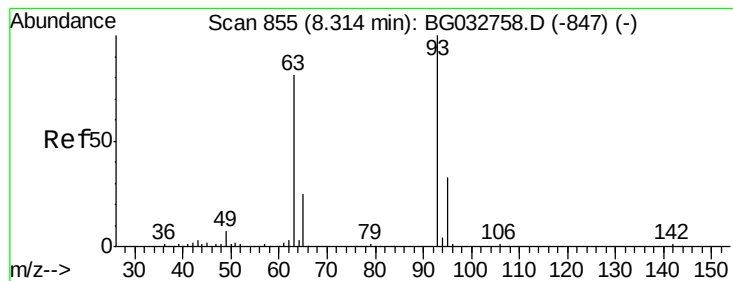
Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 30.4  | 11.9  | 51.9  |
| 66      | 36.7  | 22.2  | 62.2  |







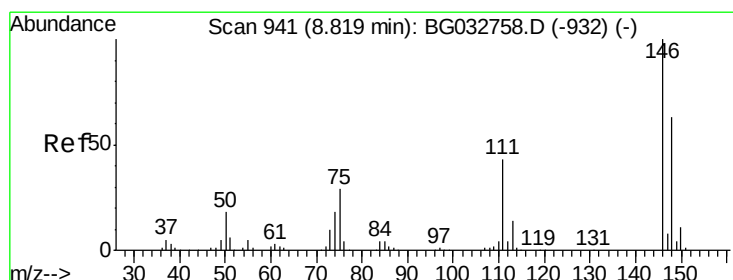
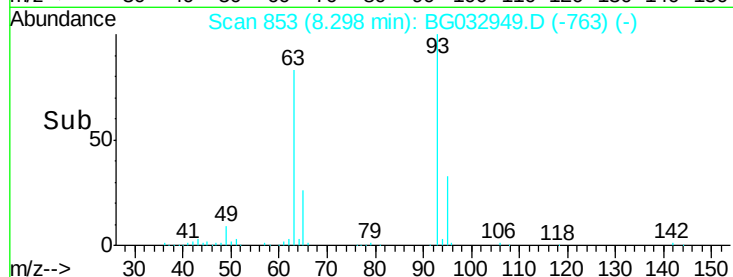
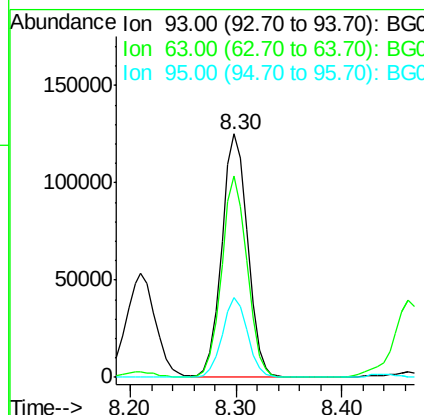
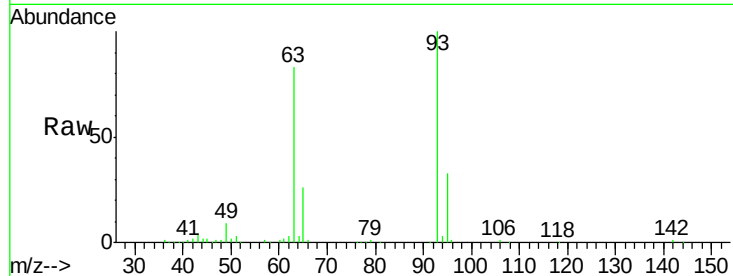
#11  
bis(2-Chloroethyl)ether  
Concen: 45.297 ng  
RT: 8.30 min Scan# 853  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 82.7  | 67.1  | 107.1 |
| 95      | 33.0  | 11.5  | 51.5  |

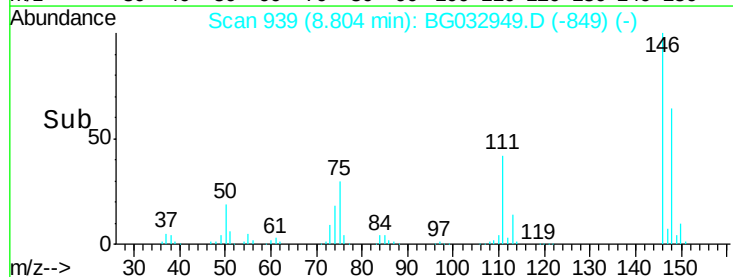
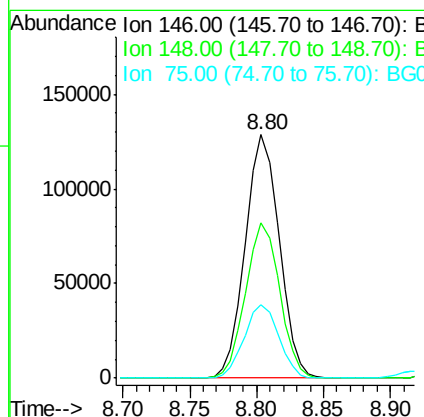
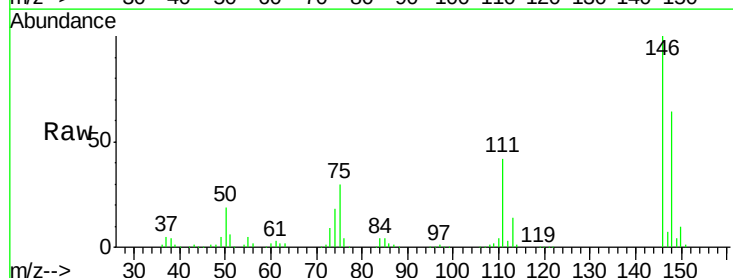
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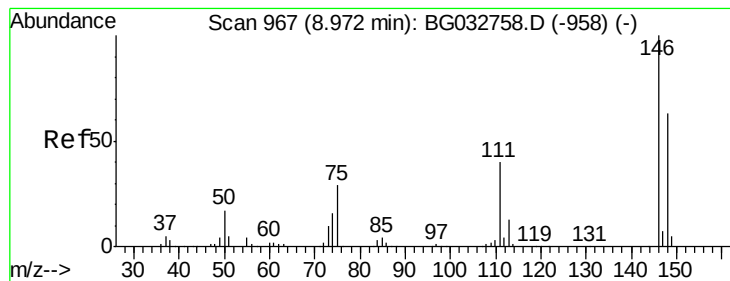
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3/5/2018 3:17:59 PM



#12  
1,3-Dichlorobenzene  
Concen: 43.165 ng  
RT: 8.80 min Scan# 939  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 51.4  | 77.2  |
| 75      | 30.0  | 26.6  | 39.8  |





#13

1,4-Dichlorobenzene

Concen: 43.391 ng

RT: 8.96 min Scan# 965

Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Instrument :

BNA\_G

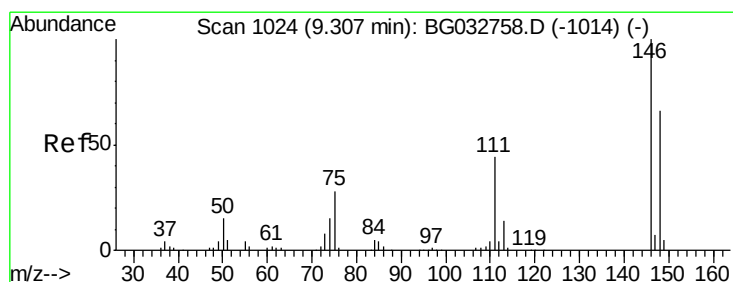
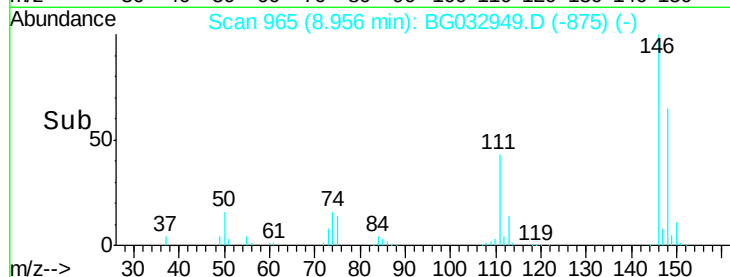
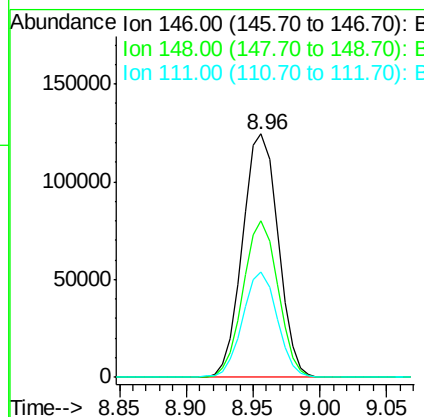
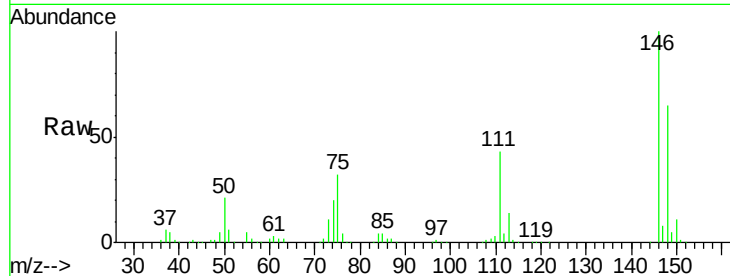
ClientSampleId :

JC-02-030118-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 229842 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.6  | 53.7  | 80.5   |
| 111       | 43.2  | 35.2  | 52.8   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 43.263 ng

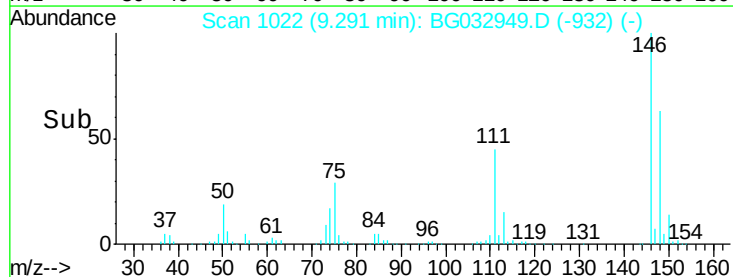
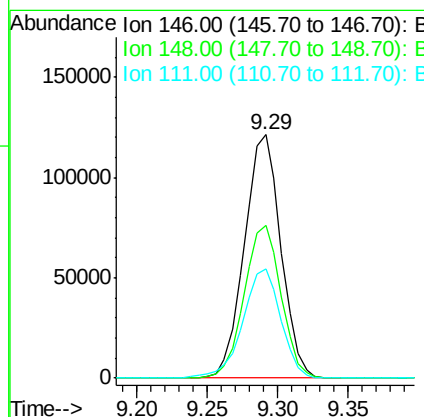
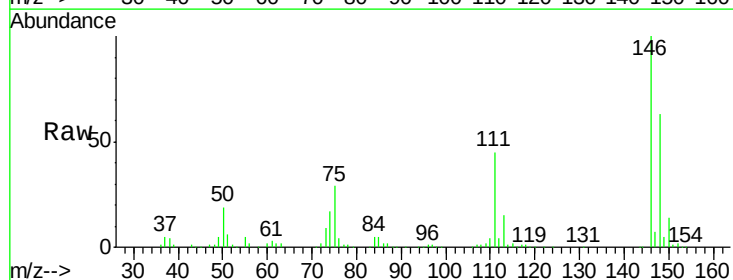
RT: 9.29 min Scan# 1022

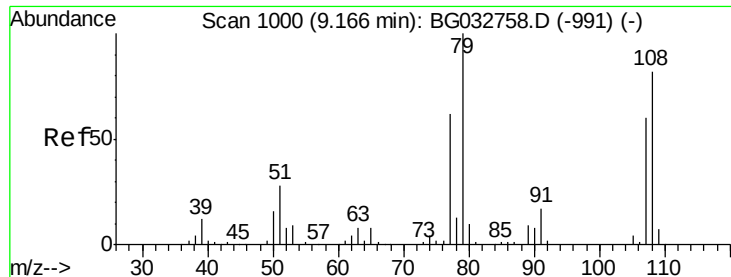
Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 219600 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.5  | 49.3  | 73.9   |
| 111       | 44.7  | 34.3  | 51.5   |





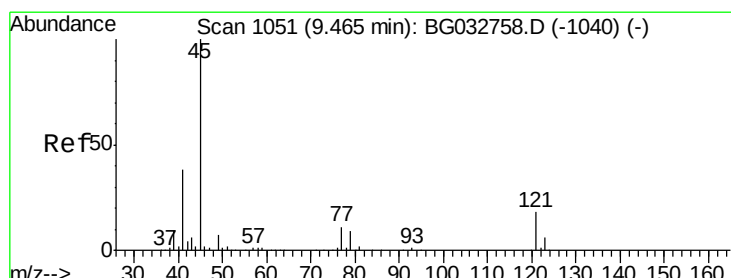
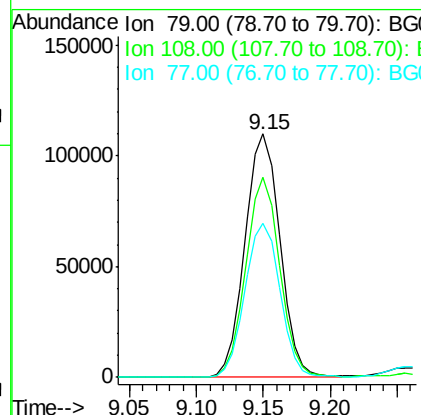
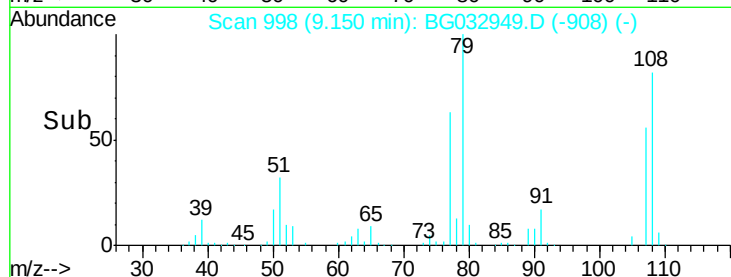
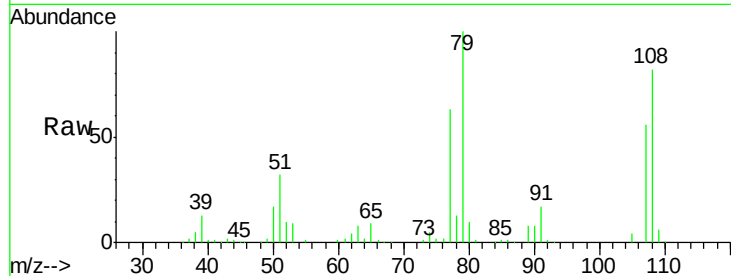
#15  
Benzyl Alcohol  
Concen: 47.402 ng  
RT: 9.15 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 82.2  | 57.2  | 85.8  |
| 77      | 63.4  | 46.1  | 69.1  |

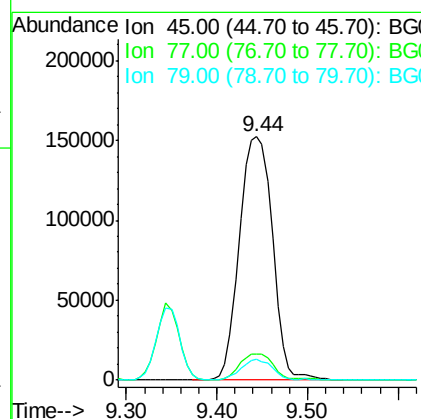
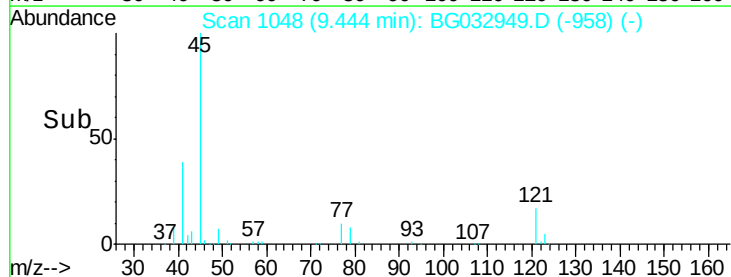
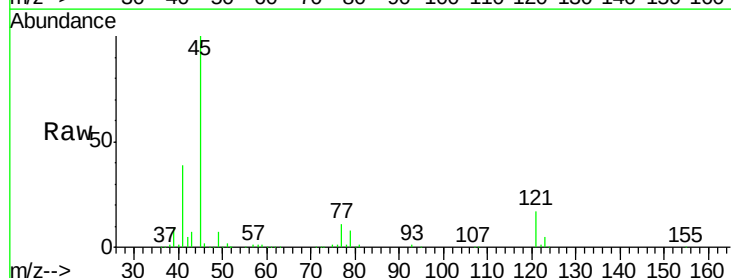
Manual Integrations  
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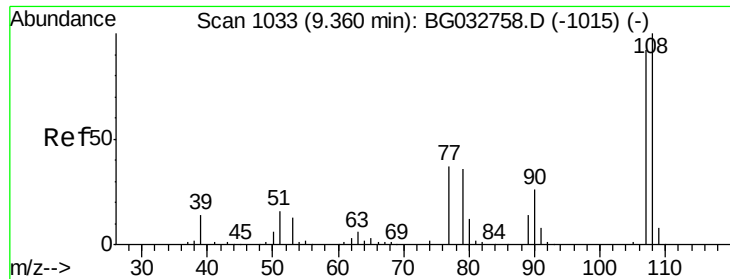
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.447 ng  
RT: 9.44 min Scan# 1048  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 10.8  | 0.0   | 30.2  |
| 79      | 8.4   | 0.0   | 27.9  |





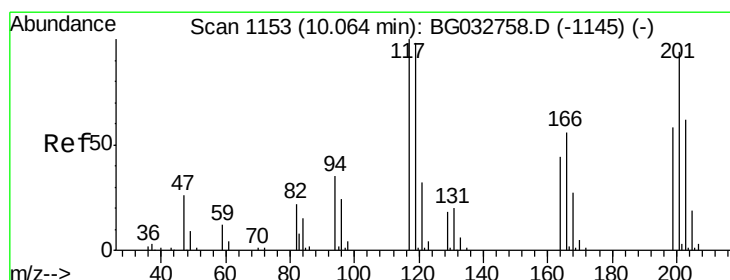
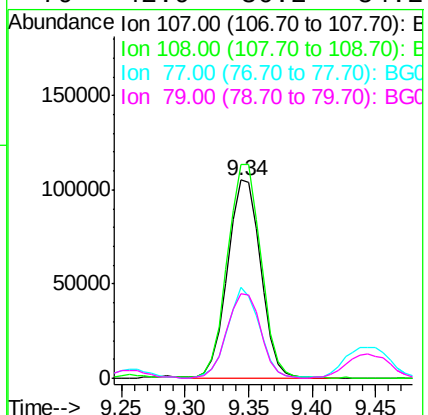
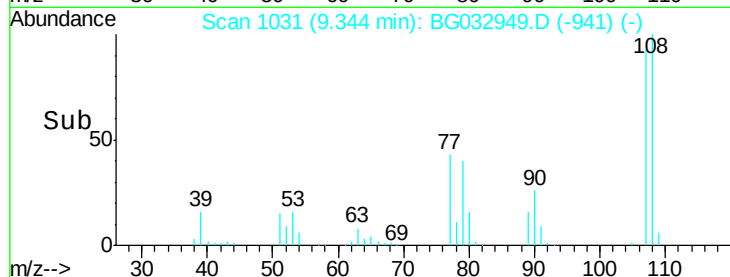
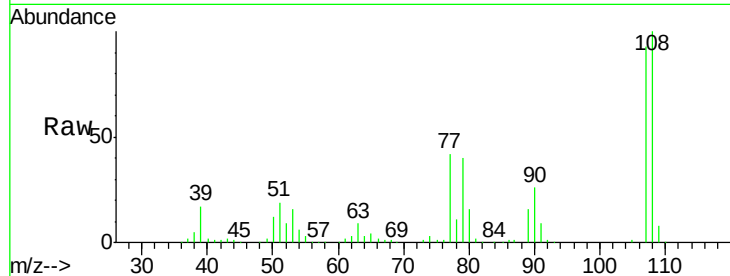
#17  
2-Methylphenol  
Concen: 44.646 ng  
RT: 9.34 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 107.8 | 83.9  | 125.9 |
| 77      | 45.8  | 37.2  | 55.8  |
| 79      | 42.9  | 36.2  | 54.2  |

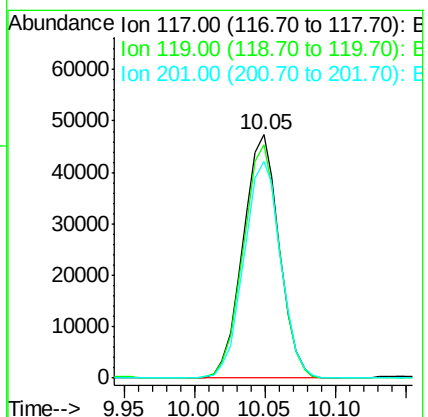
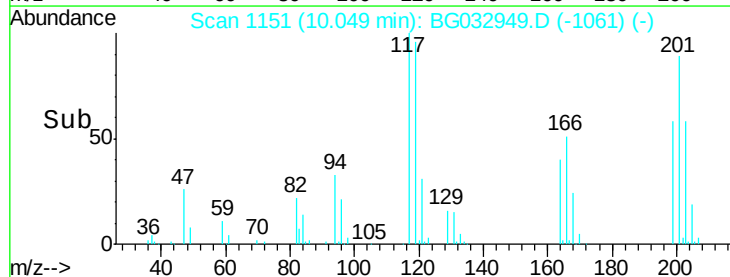
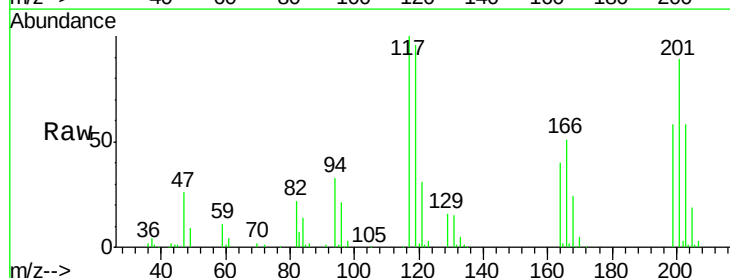
Manual Integrations  
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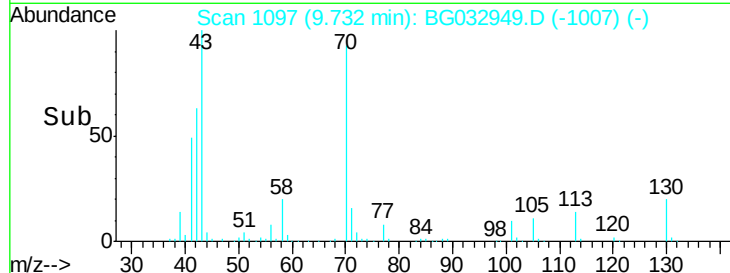
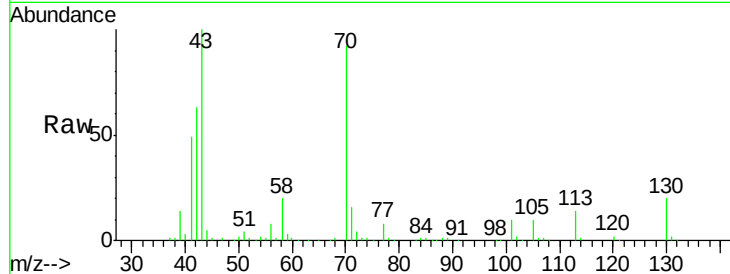
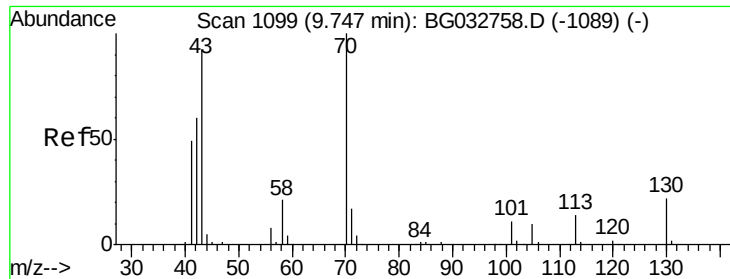
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3/5/2018 3:17:59 PM



#18  
Hexachloroethane  
Concen: 47.219 ng  
RT: 10.05 min Scan# 1151  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 95.9  | 76.7  | 115.1  |
| 201     | 88.9  | 95.7  | 143.5# |





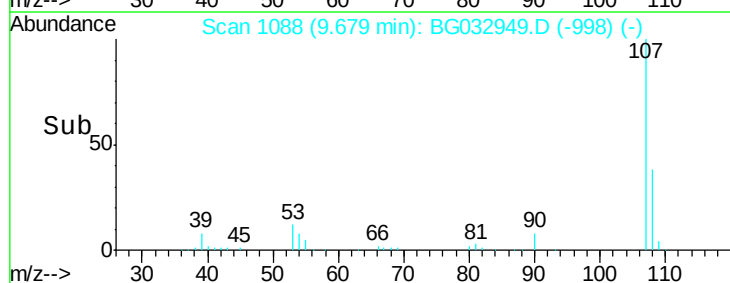
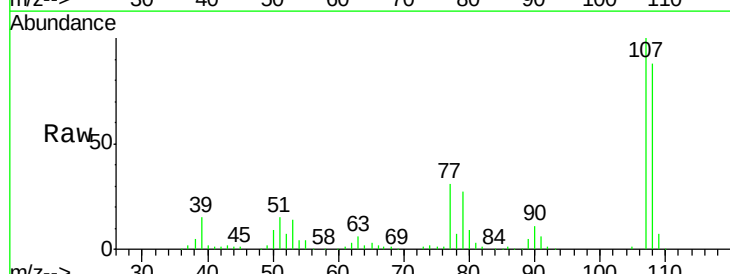
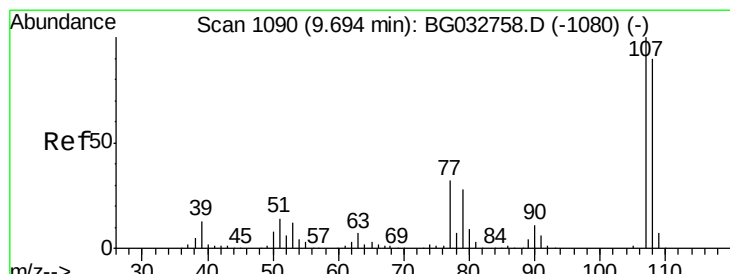
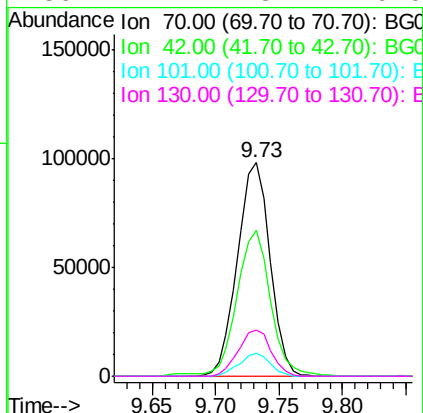
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.307 ng  
RT: 9.73 min Scan# 1097  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 68.2 | 49.1  | 73.7  |       |
| 101     | 10.8 | 8.5   | 12.7  |       |
| 130     | 21.4 | 13.4  | 20.0  |       |

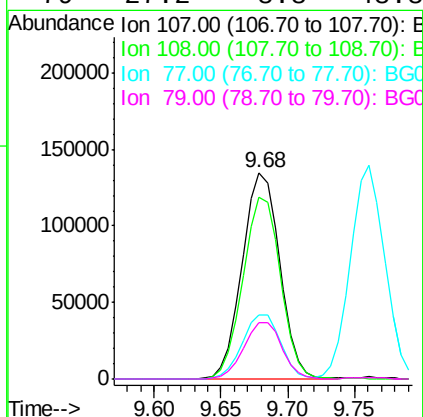
Manual Integrations  
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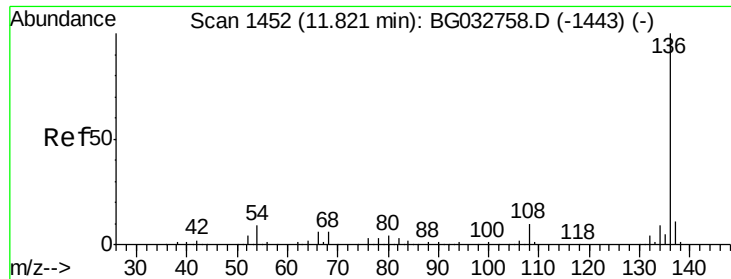
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3/5/2018 3:17:59 PM



#20  
3+4-Methylphenols  
Concen: 44.377 ng  
RT: 9.68 min Scan# 1088  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 87.8 | 61.6  | 101.6 |       |
| 77      | 31.3 | 13.9  | 53.9  |       |
| 79      | 27.2 | 8.8   | 48.8  |       |





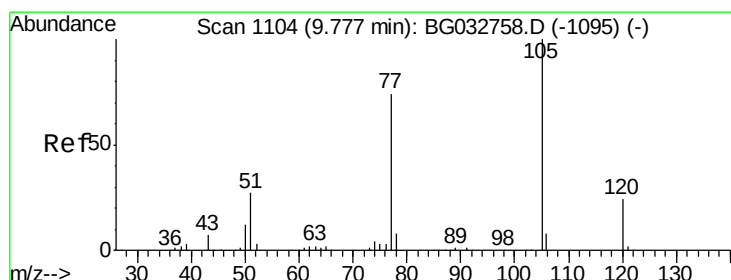
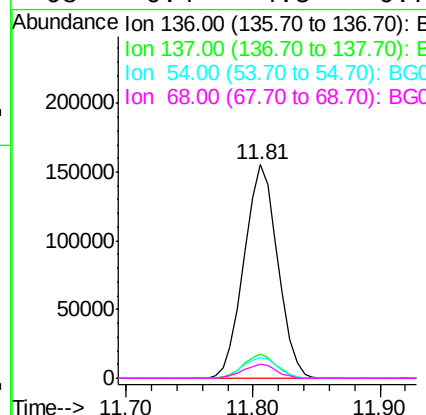
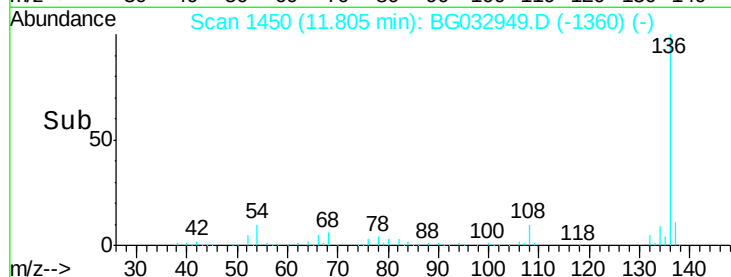
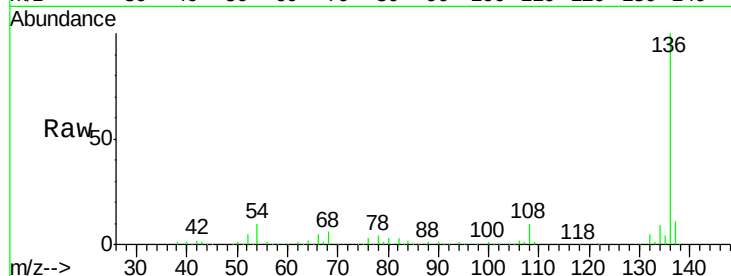
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.81 min Scan# 1450  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 285739 |       |       |
| 137     | 11.2  | 9.2    | 13.8  |       |
| 54      | 9.8   | 10.3   | 15.5  |       |
| 68      | 6.4   | 4.5    | 6.7   |       |

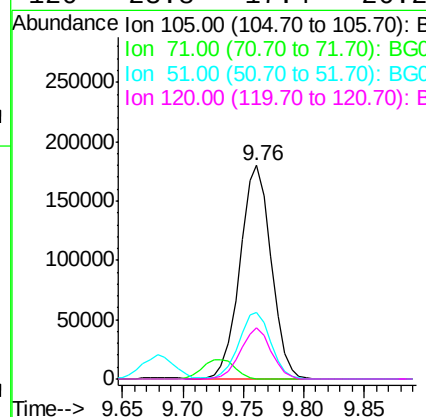
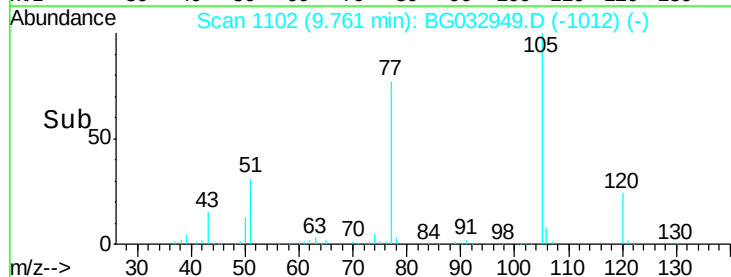
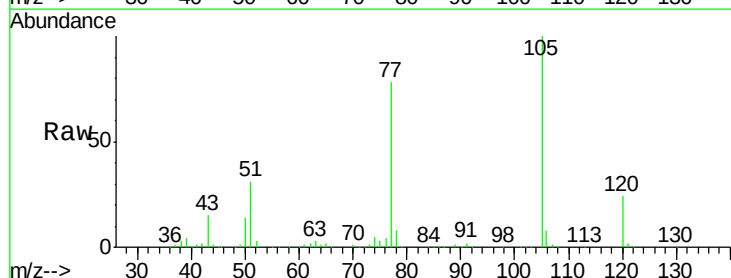
Manual Integrations  
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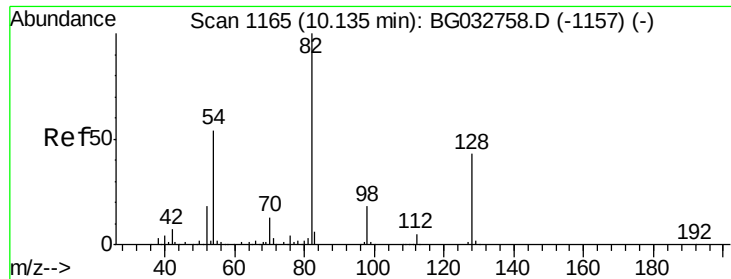
Sohil  
3/5/2018 3:17:59 PM



#22  
Acetophenone  
Concen: 45.032 ng  
RT: 9.76 min Scan# 1102  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 324964 |       |       |
| 71      | 0.2   | 3.0    | 4.4   |       |
| 51      | 31.4  | 26.1   | 39.1  |       |
| 120     | 23.8  | 17.4   | 26.2  |       |





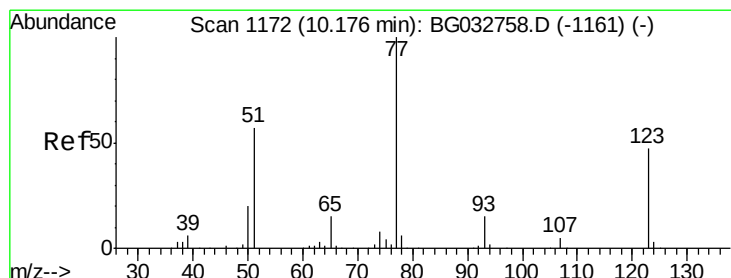
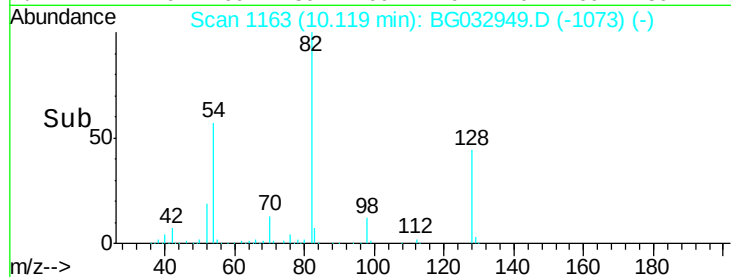
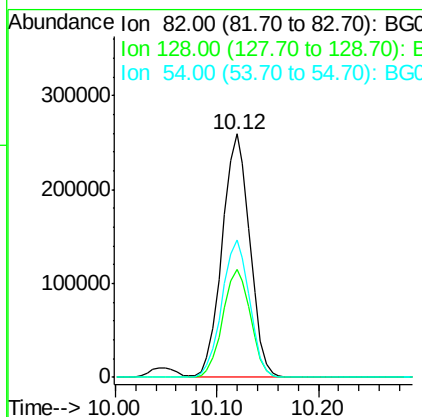
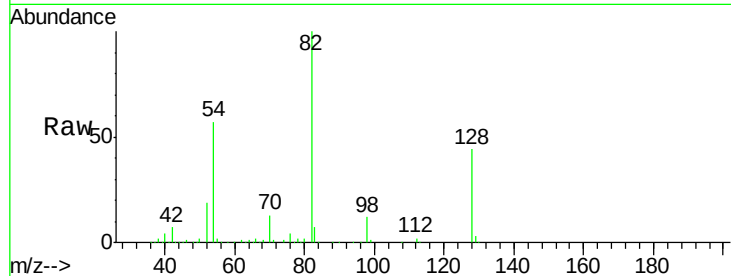
#23  
 Nitrobenzene-d5  
 Concen: 114.806 ng  
 RT: 10.12 min Scan# 1163  
 Delta R.T. 0.00 min  
 Lab File: BG032949.D  
 Acq: 2 Mar 2018 17:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JC-02-030118-AMS

| Tot Ion   | 82    | Resp  | 488921 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 44.1  | 29.7  | 44.5   |
| 54        | 56.6  | 43.1  | 64.7   |

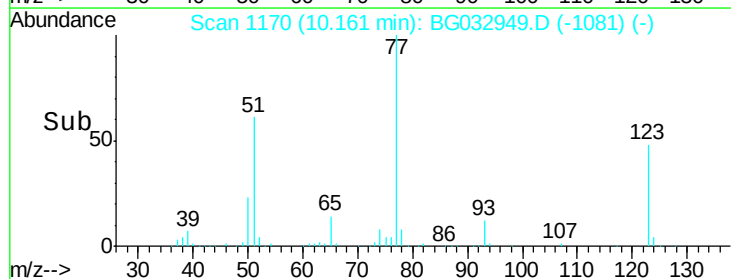
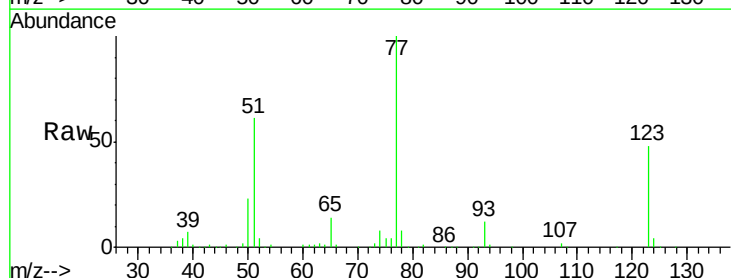
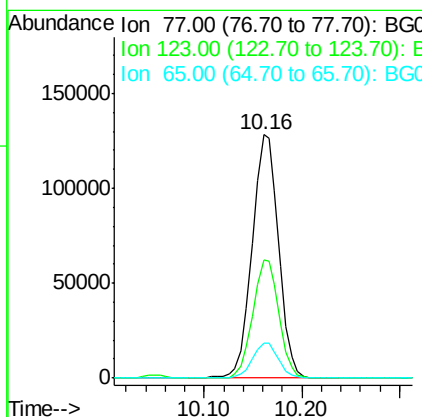
Manual Integrations  
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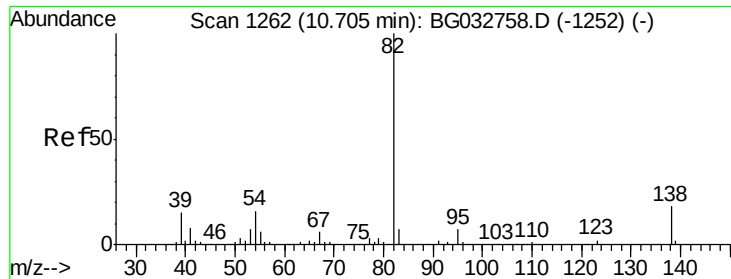


#24  
 Nitrobenzene  
 Concen: 52.843 ng  
 RT: 10.16 min Scan# 1170  
 Delta R.T. -0.01 min  
 Lab File: BG032949.D  
 Acq: 2 Mar 2018 17:17

| Tgt Ion   | 77    | Resp  | 244181 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 48.4  | 33.0  | 49.6   |
| 65        | 14.5  | 13.0  | 19.6   |







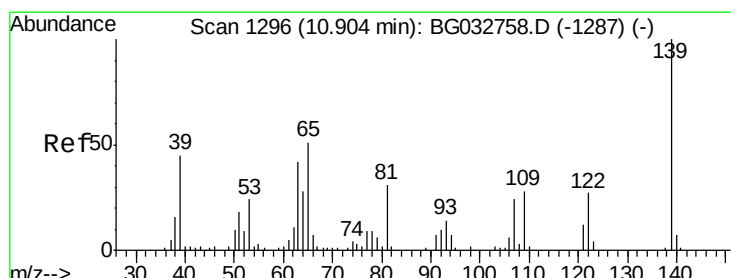
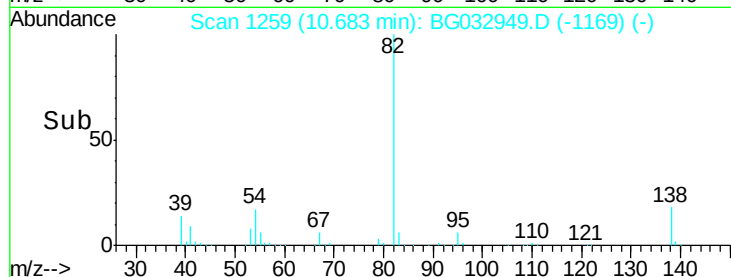
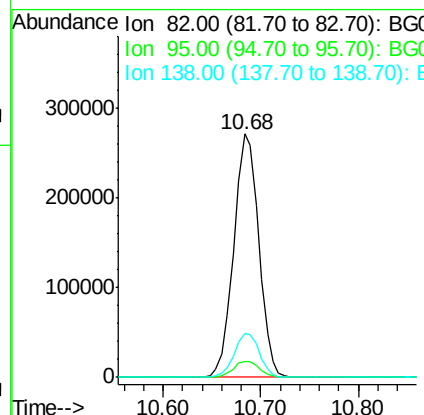
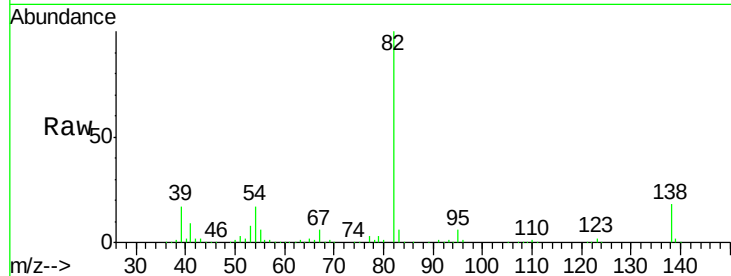
#25  
Isophorone  
Concen: 48.088 ng  
RT: 10.68 min Scan# 1259  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 82      | 100  |       | 482292 |       |       |
| 95      | 6.4  |       | 6.2    | 9.2   |       |
| 138     | 18.1 |       | 12.1   | 18.1  |       |

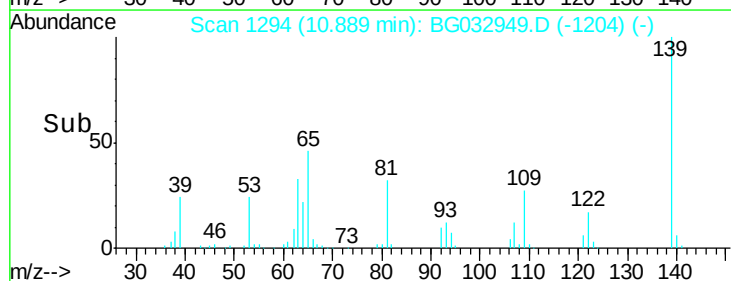
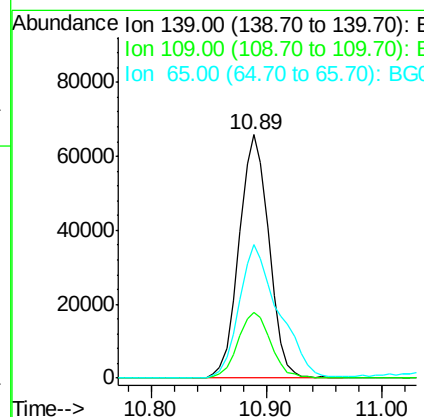
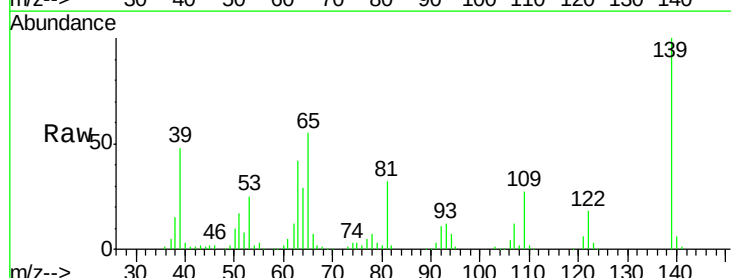
Manual Integrations  
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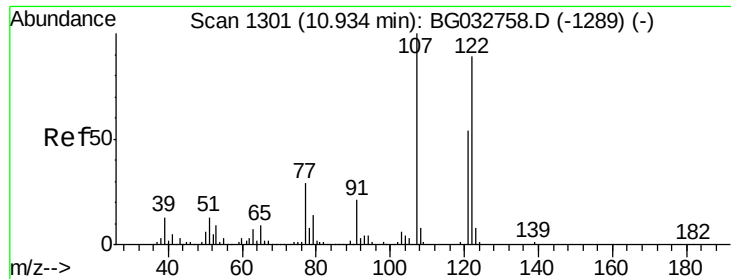
Sohil  
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#26  
2-Nitrophenol  
Concen: 64.956 ng  
RT: 10.89 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 139     | 100  |       | 117726 |       |       |
| 109     | 27.2 |       | 24.2   | 36.2  |       |
| 65      | 54.9 |       | 47.4   | 71.0  |       |





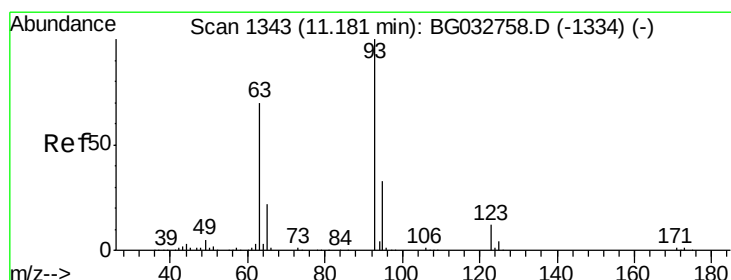
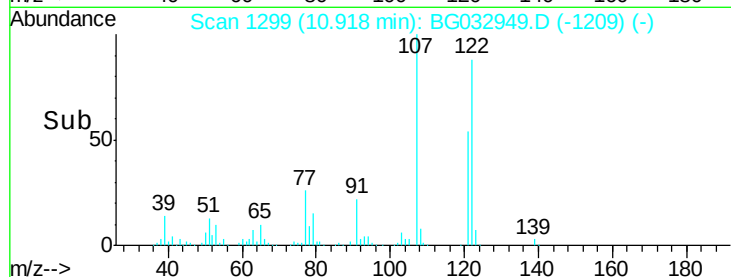
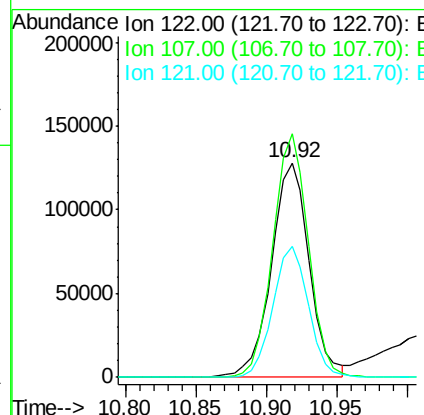
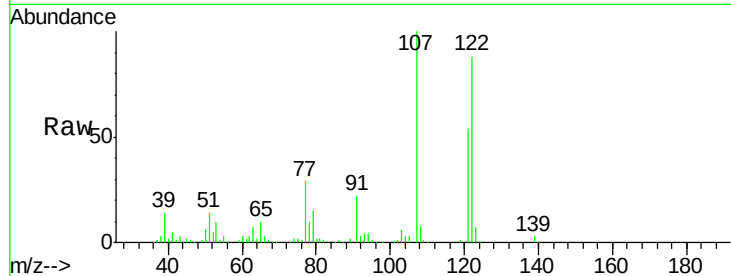
#27  
2,4-Dimethylphenol  
Concen: 54.974 ng  
RT: 10.92 min Scan# 1299  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 113.4 | 100.2 | 150.2 |
| 121     | 61.3  | 44.4  | 66.6  |

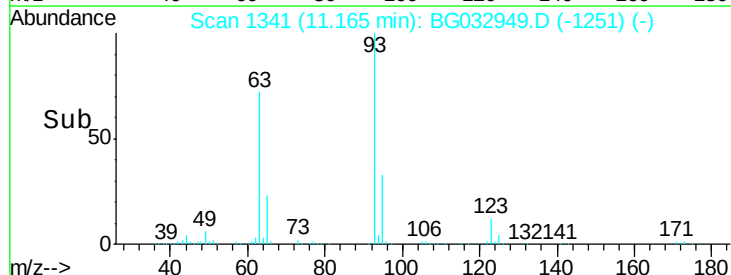
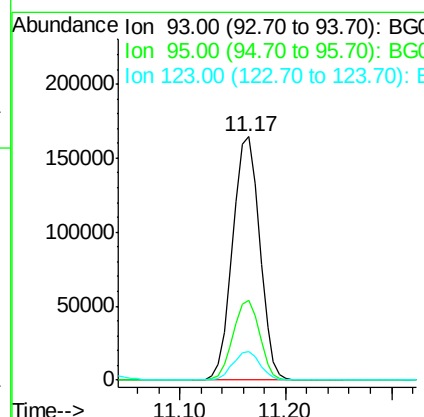
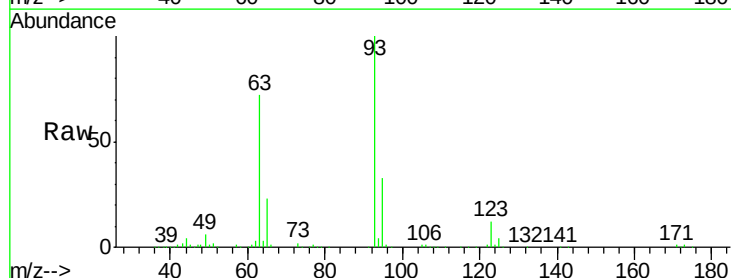
Manual Integrations  
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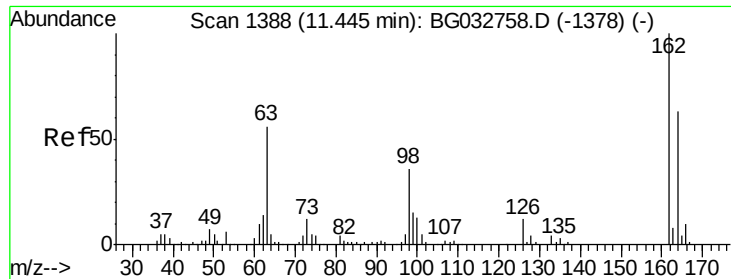
Sohil  
3/5/2018 3:17:59 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 49.769 ng  
RT: 11.17 min Scan# 1341  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 24.3  | 36.5  |
| 123     | 11.9  | 8.4   | 12.6  |





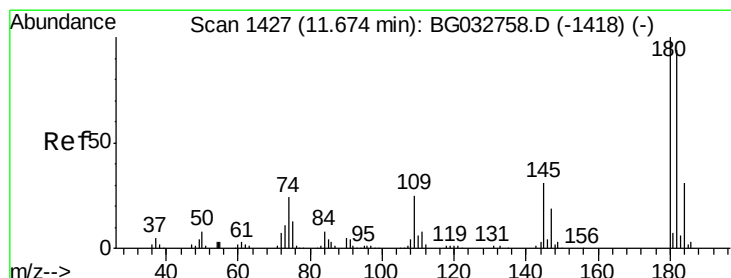
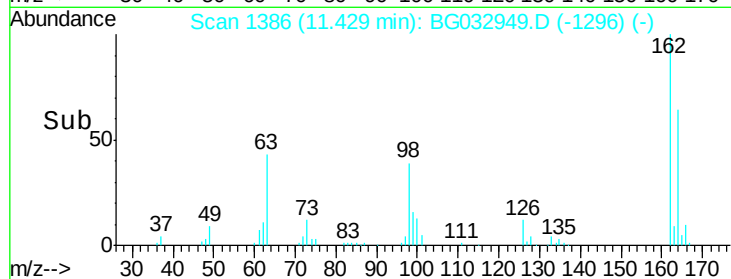
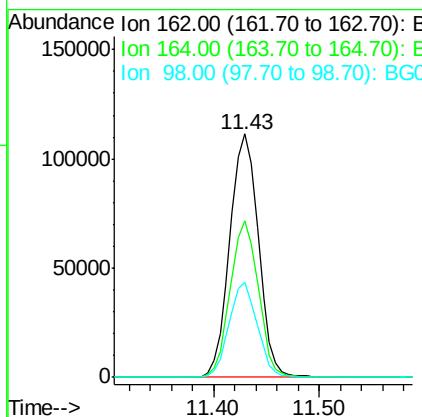
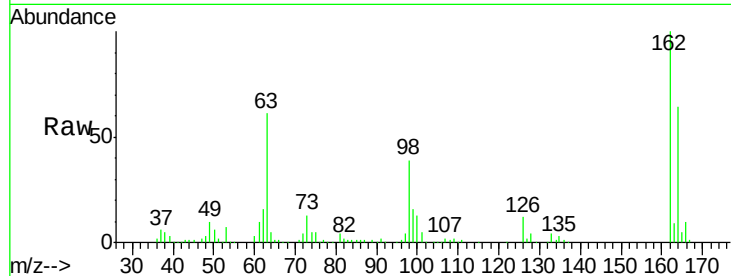
#29  
2,4-Dichlorophenol  
Concen: 52.864 ng  
RT: 11.43 min Scan# 1386  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 64.1  | 48.0       | 88.0  |
| 98      | 39.1  | 21.1       | 61.1  |

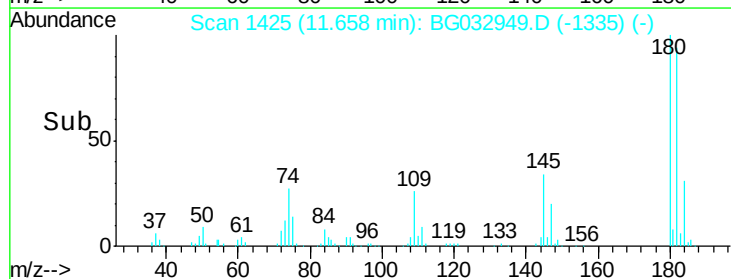
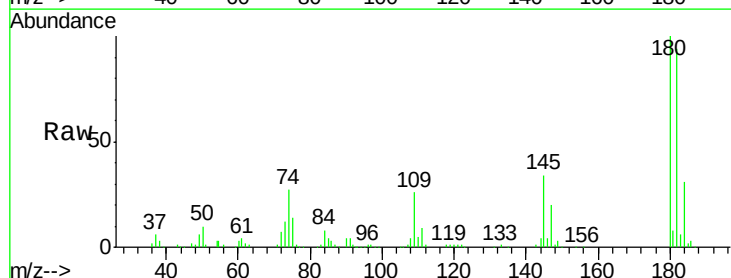
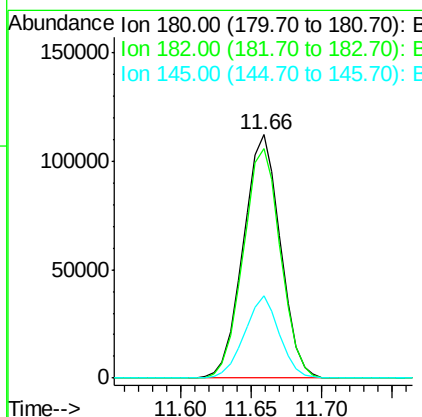
Manual Integrations  
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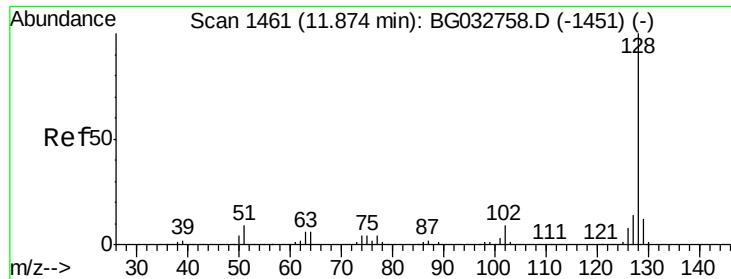
Sohil  
3/5/2018 3:17:59 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 44.473 ng  
RT: 11.66 min Scan# 1425  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 94.1  | 77.5       | 116.3 |
| 145     | 33.8  | 23.4       | 35.2  |





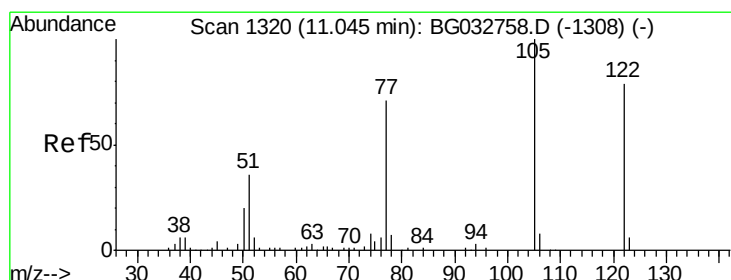
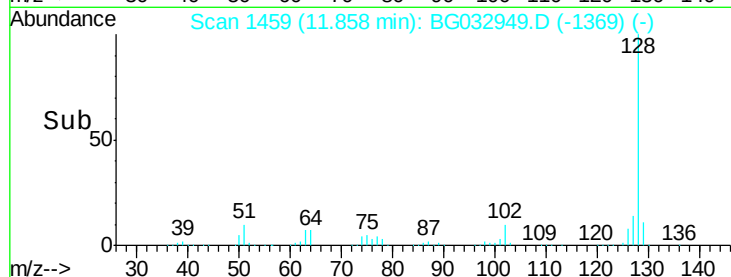
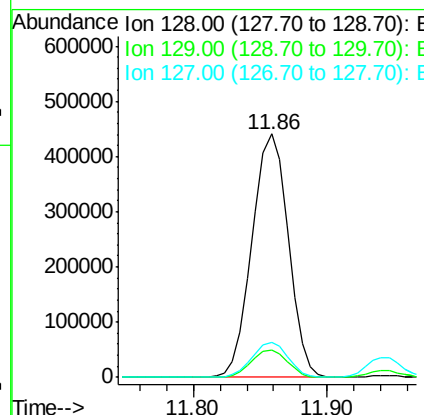
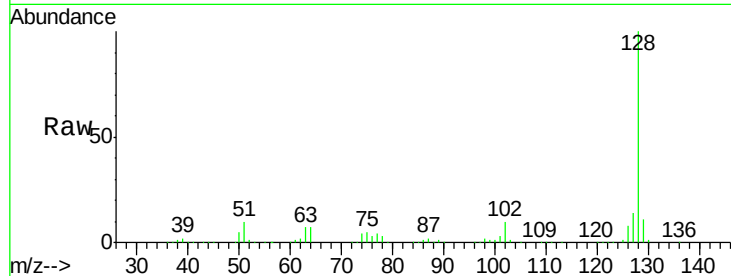
#31  
Naphthalene  
Concen: 55.425 ng  
RT: 11.86 min Scan# 1459  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.4  | 8.6   | 12.8  |
| 127     | 14.4  | 11.6  | 17.4  |

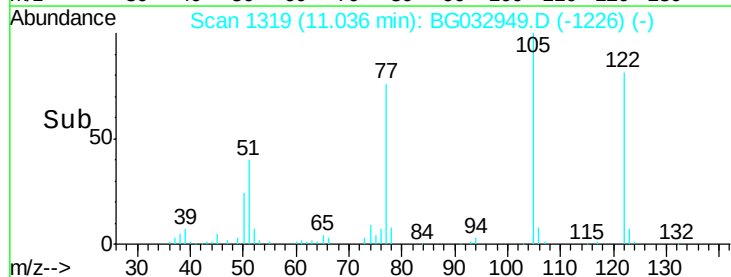
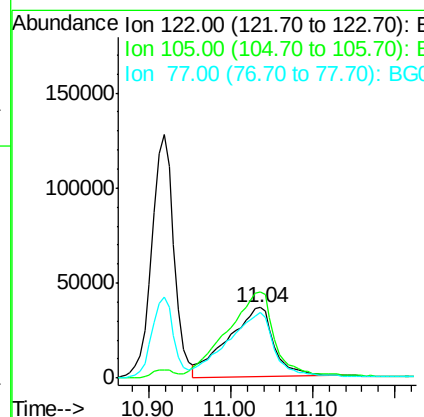
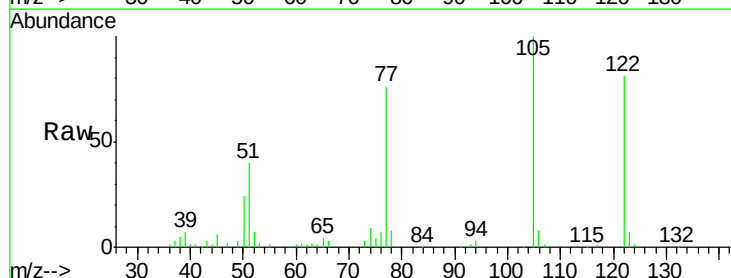
Manual Integrations  
APPROVED

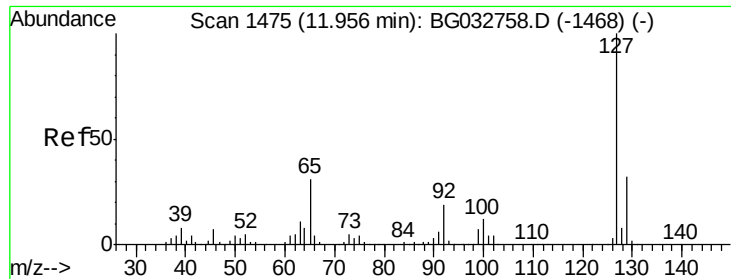
Sohil  
3/5/2018 3:17:59 PM



#32  
Benzoic acid  
Concen: 51.185 ng  
RT: 11.04 min Scan# 1319  
Delta R.T. 0.02 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 123.0 | 123.5 | 163.5# |
| 77      | 93.9  | 85.7  | 125.7  |





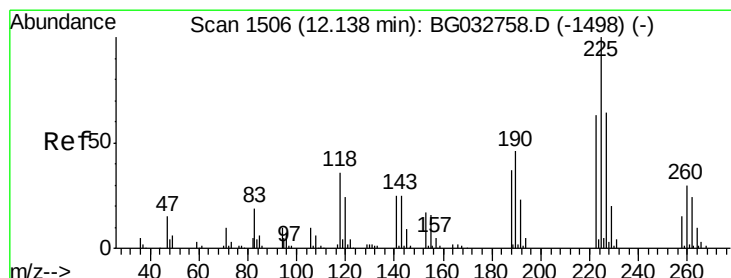
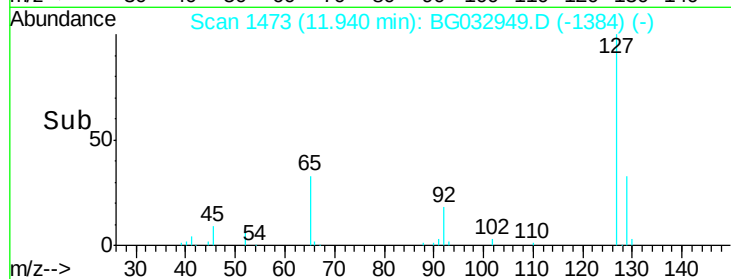
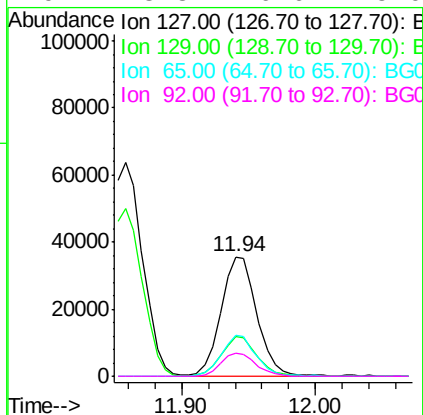
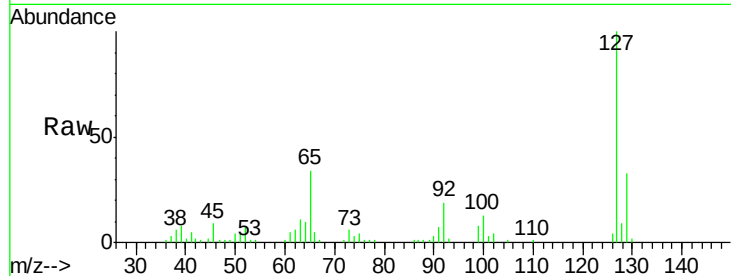
#33  
4-Chloroaniline  
Concen: 10.005 ng  
RT: 11.94 min Scan# 1473  
Delta R.T. -0.01 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 66794 |       |       |
| 129     | 33.4 | 24.0  | 36.0  |       |       |
| 65      | 34.3 | 27.0  | 40.4  |       |       |
| 92      | 18.8 | 16.6  | 25.0  |       |       |

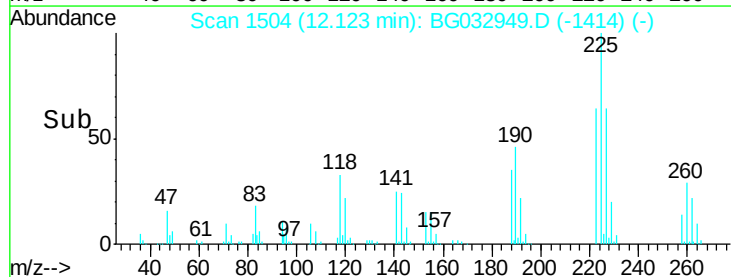
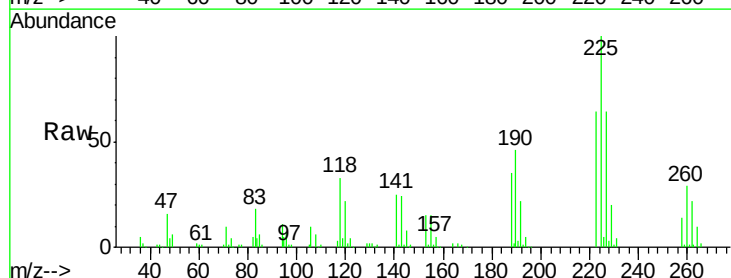
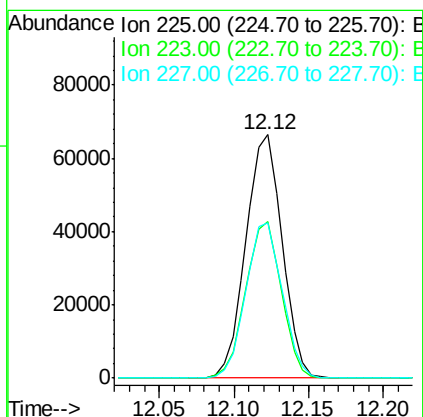
Manual Integrations  
APPROVED

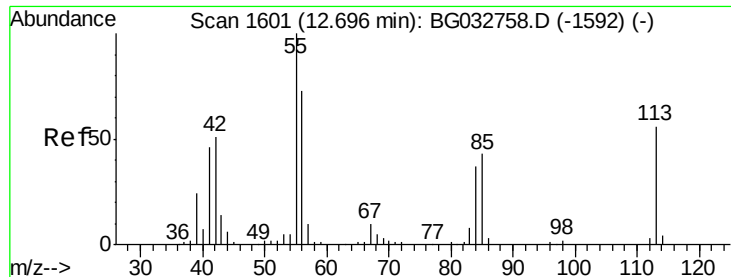
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3/5/2018 3:17:59 PM



#34  
Hexachlorobutadiene  
Concen: 42.910 ng  
RT: 12.12 min Scan# 1504  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 111565 |       |       |
| 223     | 64.2 | 49.7  | 74.5   |       |       |
| 227     | 63.5 | 48.1  | 72.1   |       |       |





#35

Caprolactam

Concen: 44.160 ng

RT: 12.69 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Instrument :

BNA\_G

ClientSampleId :

JC-02-030118-AMS

Tot Ion:113 Resp: 69919

Ion Ratio Lower Upper

113 100

55 199.2 186.9 226.9

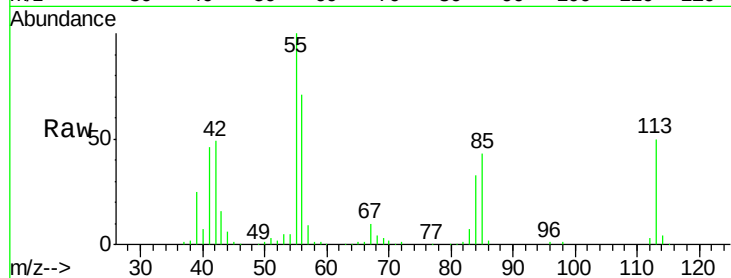
56 141.9 130.9 170.9

Manual Integrations

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Sohil

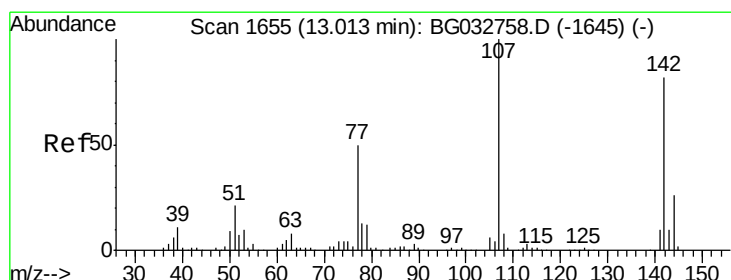
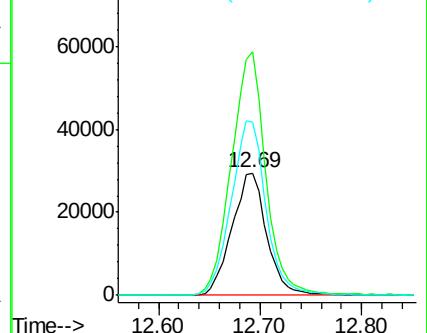
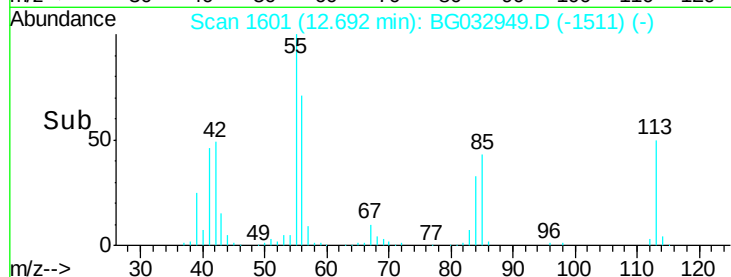
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 53.811 ng

RT: 13.00 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

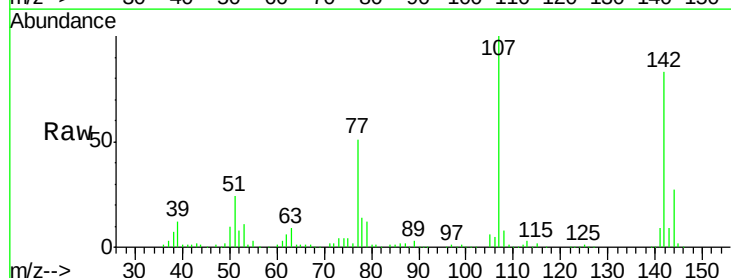
Tgt Ion:107 Resp: 247615

Ion Ratio Lower Upper

107 100

144 26.6 18.2 27.4

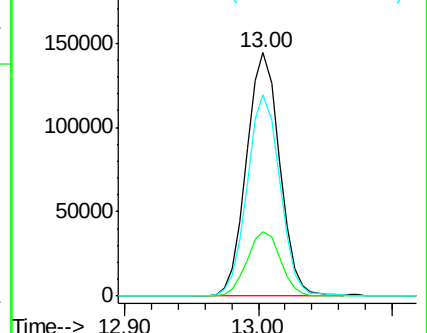
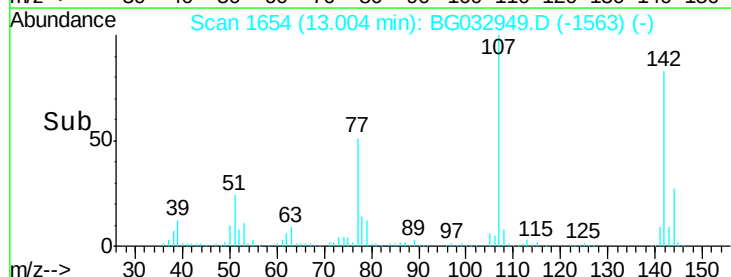
142 82.7 59.0 88.4

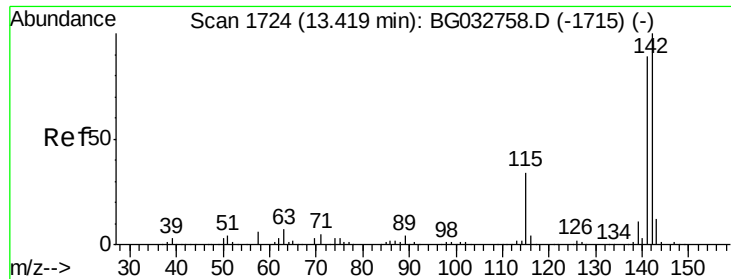


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





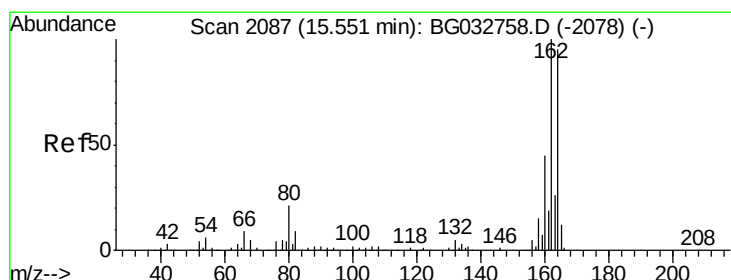
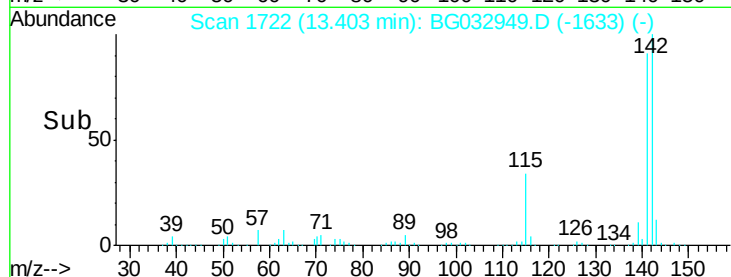
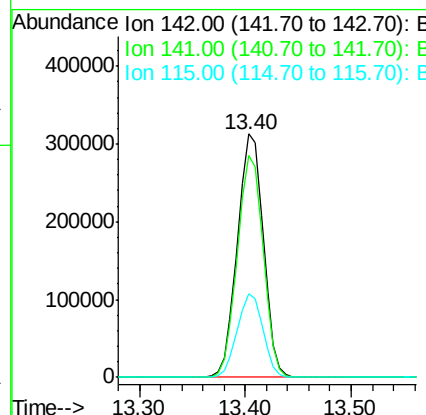
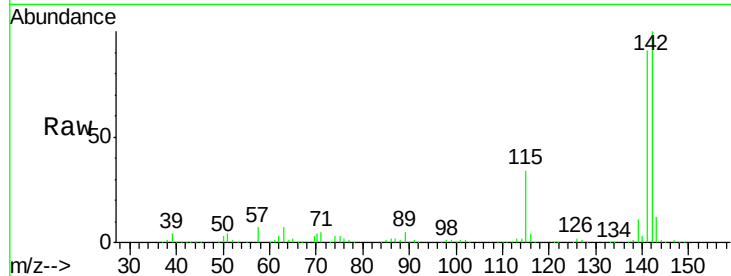
#37  
2-Methylnaphthalene  
Concen: 48.885 ng  
RT: 13.40 min Scan# 1722  
Delta R.T. -0.01 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.3  | 67.1  | 100.7 |
| 115     | 34.4  | 30.7  | 46.1  |

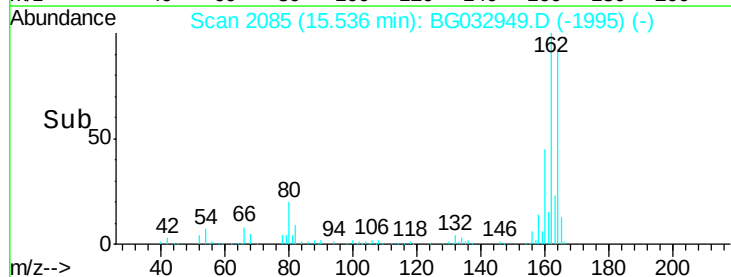
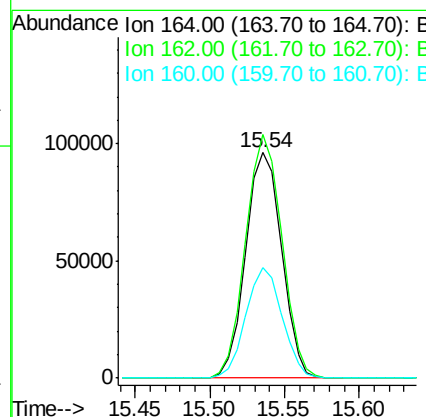
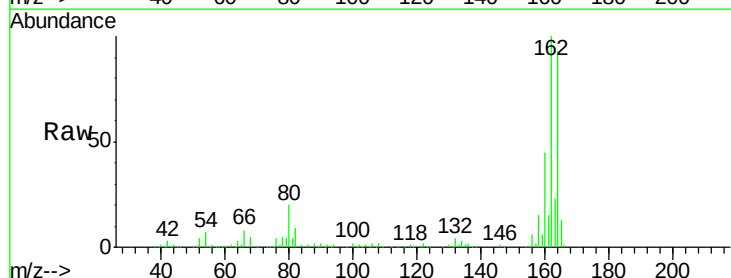
Manual Integrations  
APPROVED

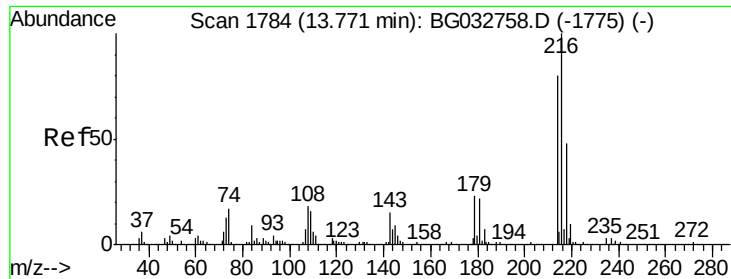
Sohil  
3/5/2018 3:17:59 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.54 min Scan# 2085  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 107.9 | 78.8  | 118.2 |
| 160     | 48.9  | 35.4  | 53.0  |





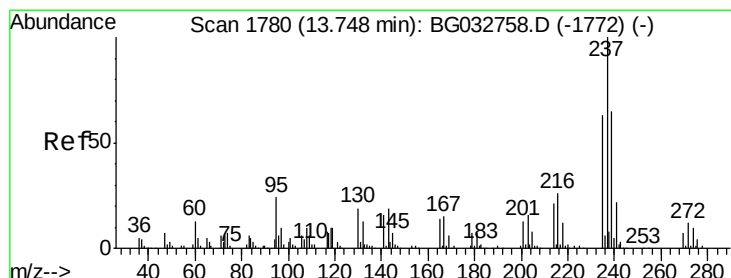
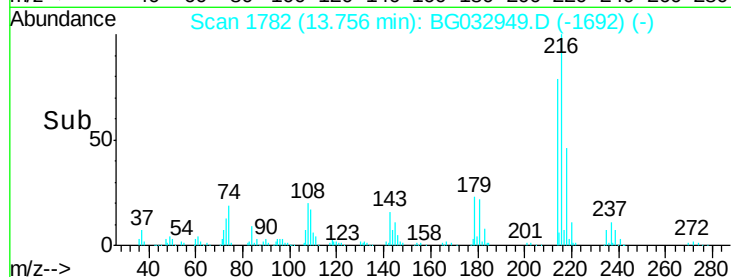
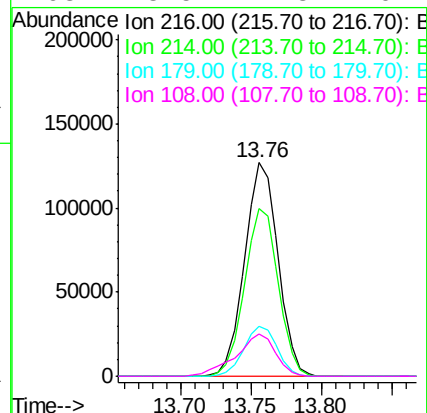
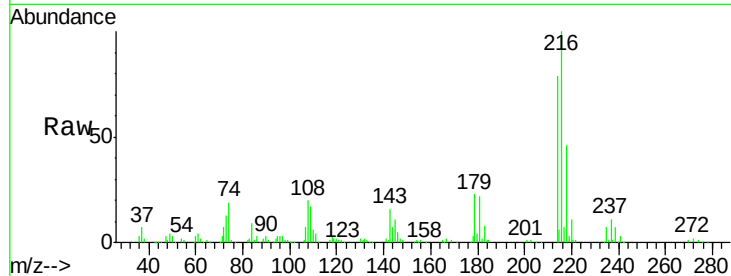
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 44.244 ng  
 RT: 13.76 min Scan# 1782  
 Delta R.T. 0.00 min  
 Lab File: BG032949.D  
 Acq: 2 Mar 2018 17:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JC-02-030118-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 210621 |       |       |
| 214     | 79.3  | 63.0   | 94.4  |       |
| 179     | 23.5  | 17.0   | 25.6  |       |
| 108     | 23.5  | 12.8   | 19.2  |       |

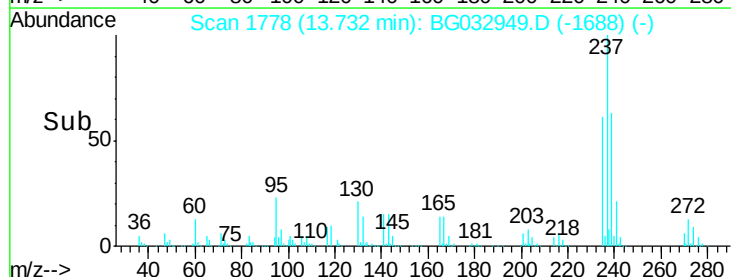
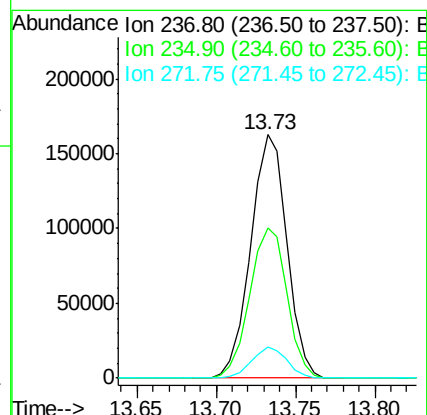
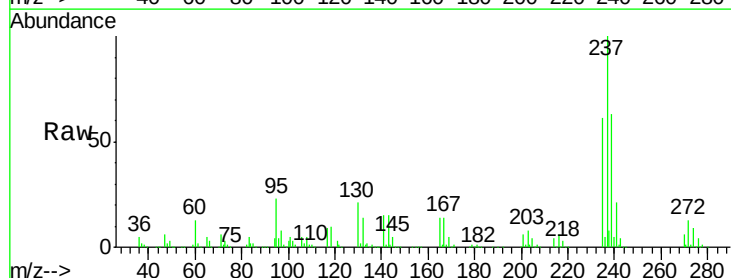
Manual Integrations  
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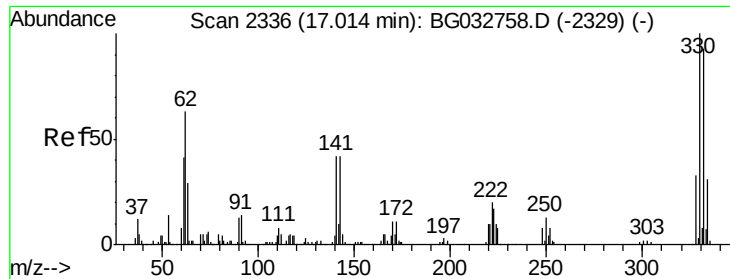


#40  
 Hexachlorocyclopentadiene  
 Concen: 106.349 ng  
 RT: 13.73 min Scan# 1778  
 Delta R.T. 0.00 min  
 Lab File: BG032949.D  
 Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 258013 |       |       |
| 235     | 61.5  | 50.4   | 90.4  |       |
| 272     | 12.8  | 0.0    | 31.8  |       |







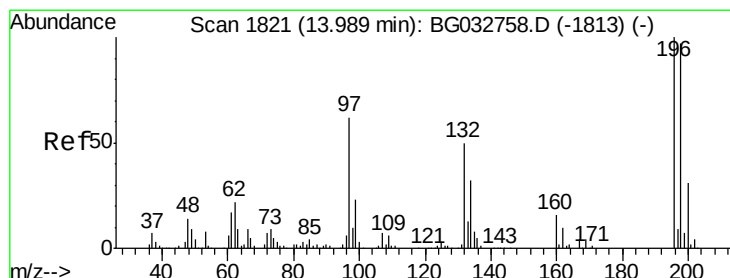
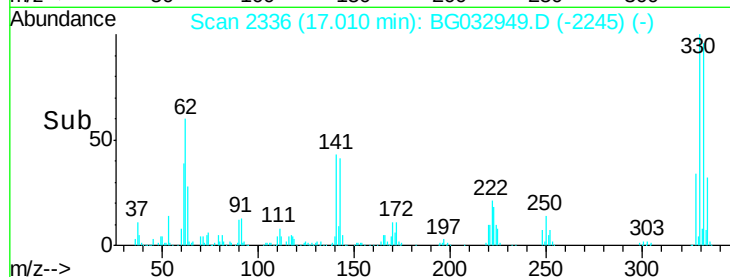
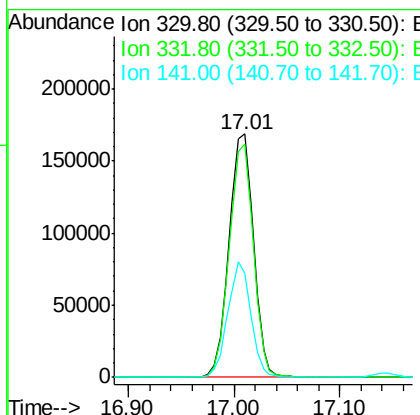
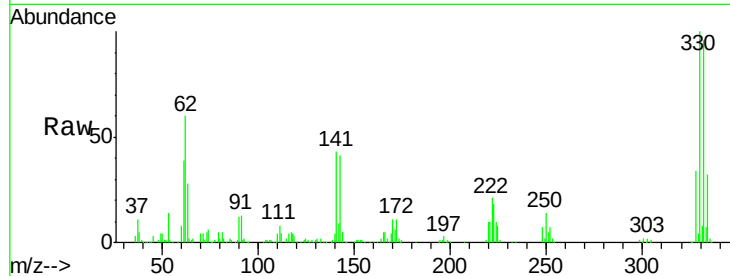
#41  
 2,4,6-Tribromophenol  
 Concen: 159.589 ng  
 RT: 17.01 min Scan# 2336  
 Delta R.T. 0.01 min  
 Lab File: BG032949.D  
 Acq: 2 Mar 2018 17:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JC-02-030118-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 269095 |       |       |
| 332     | 94.7  | 77.0   | 115.6 |       |
| 141     | 45.0  | 25.2   | 37.8  |       |

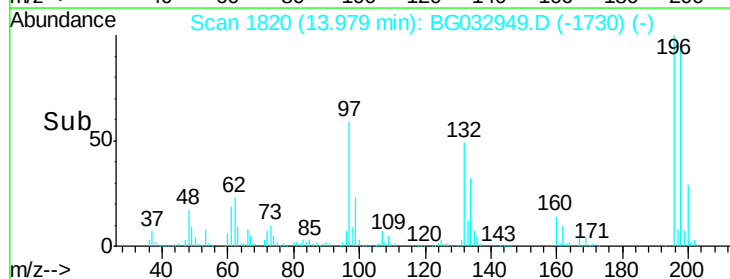
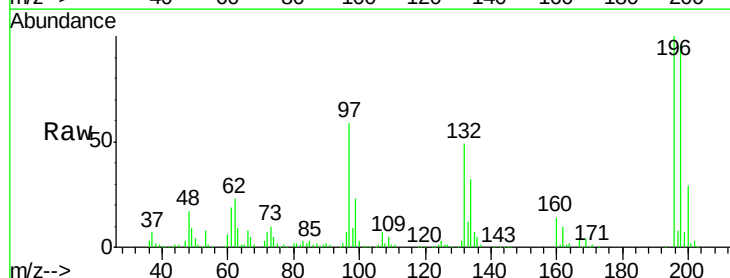
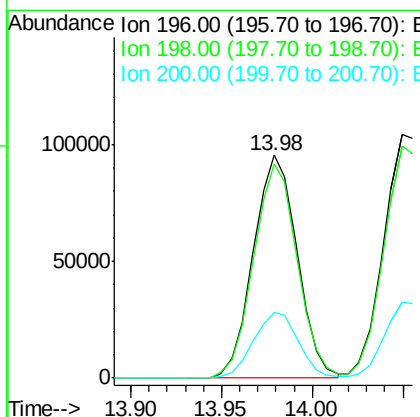
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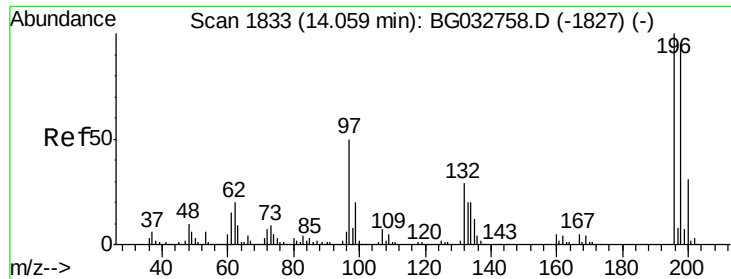
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#42  
 2,4,6-Trichlorophenol  
 Concen: 53.751 ng  
 RT: 13.98 min Scan# 1820  
 Delta R.T. 0.00 min  
 Lab File: BG032949.D  
 Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 161368 |       |       |
| 198     | 96.3  | 78.2   | 117.2 |       |
| 200     | 29.5  | 24.6   | 36.8  |       |





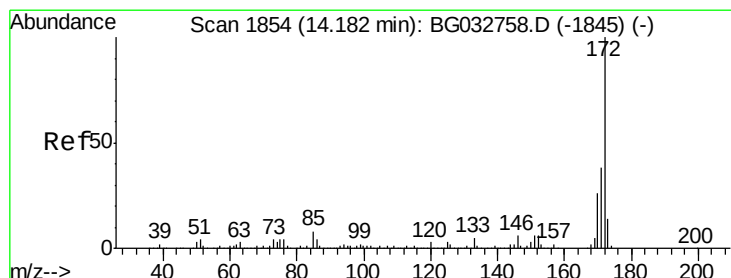
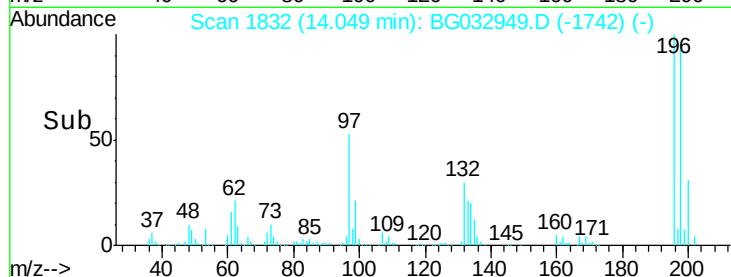
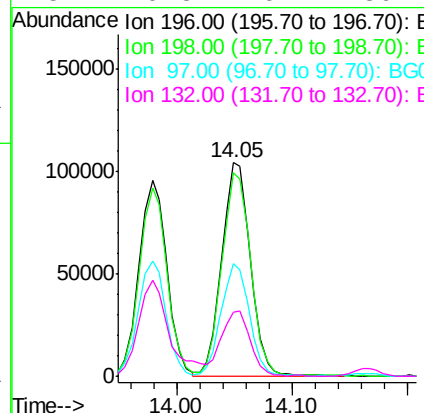
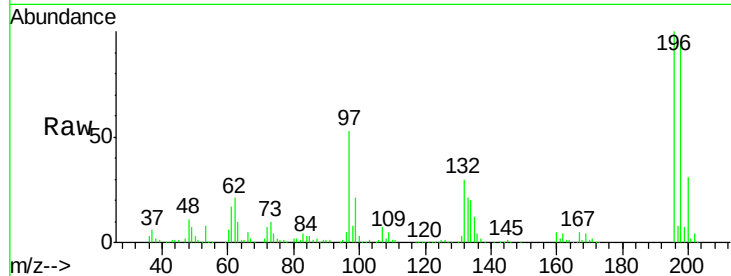
#43  
 2,4,5-Trichlorophenol  
 Concen: 51.316 ng  
 RT: 14.05 min Scan# 1832  
 Delta R.T. 0.00 min  
 Lab File: BG032949.D  
 Acq: 2 Mar 2018 17:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JC-02-030118-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 178304 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.1  | 76.2  | 114.4  |
| 97        | 53.0  | 38.7  | 58.1   |
| 132       | 29.8  | 20.2  | 30.2   |

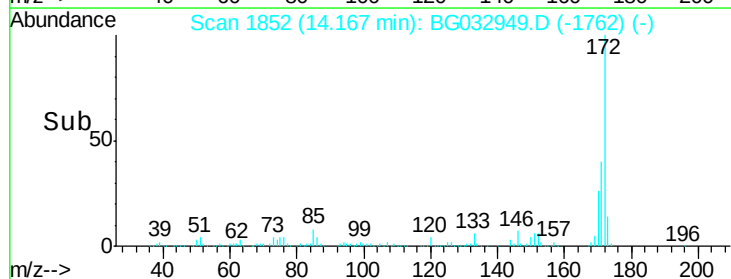
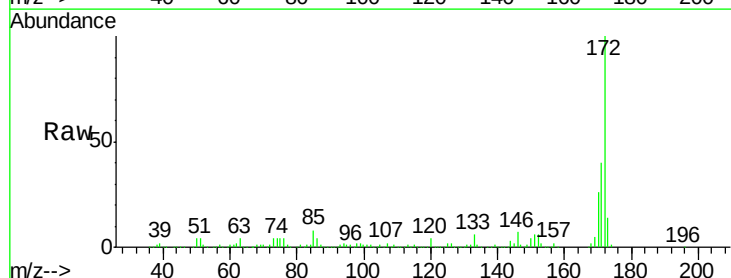
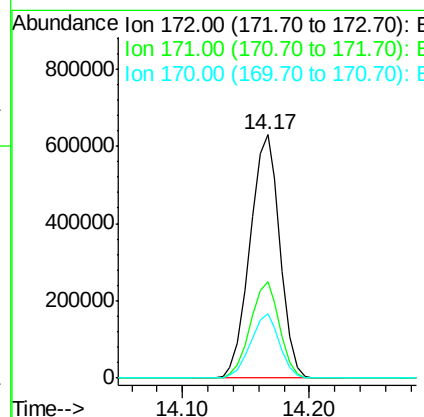
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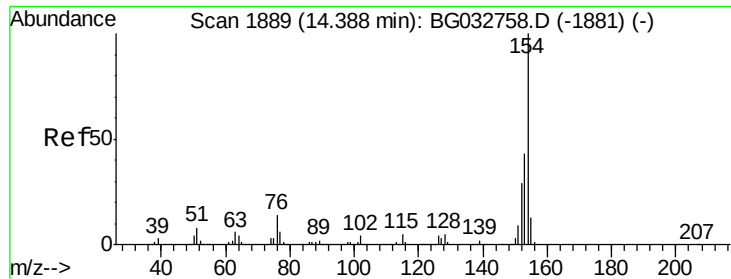
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#44  
 2-Fluorobiphenyl  
 Concen: 92.456 ng  
 RT: 14.17 min Scan# 1852  
 Delta R.T. 0.00 min  
 Lab File: BG032949.D  
 Acq: 2 Mar 2018 17:17

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 1028023 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 39.7  | 30.0  | 45.0    |
| 170       | 26.2  | 19.5  | 29.3    |





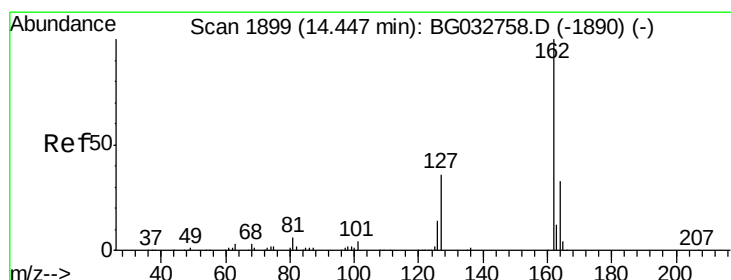
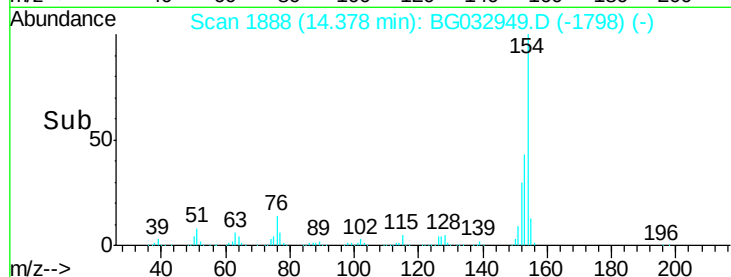
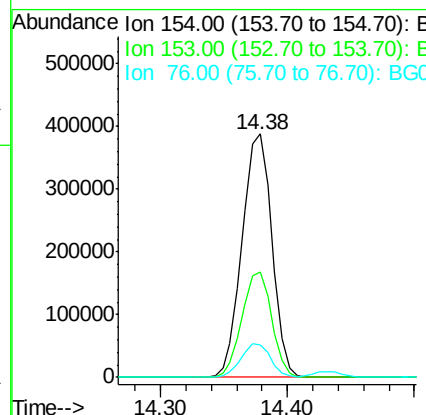
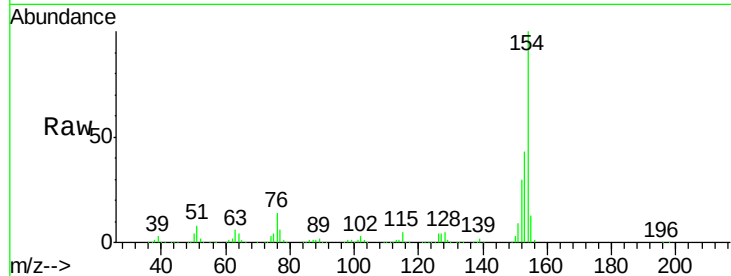
#45  
1,1'-Biphenyl  
Concen: 45.205 ng  
RT: 14.38 min Scan# 1888  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.2  | 19.8  | 59.8  |
| 76      | 13.5  | 0.0   | 31.9  |

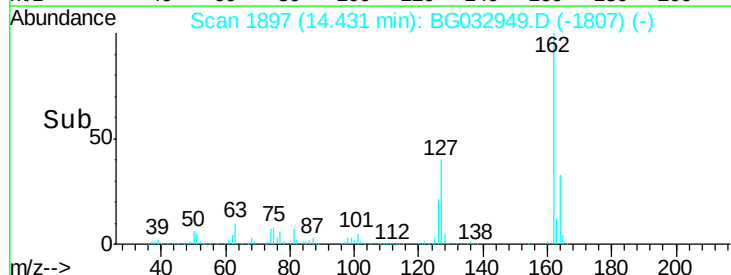
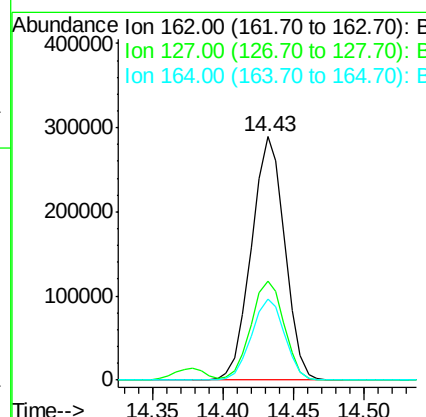
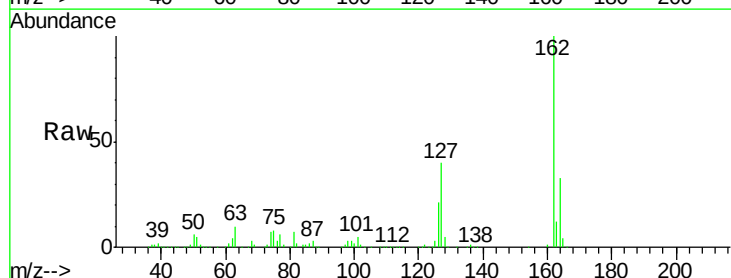
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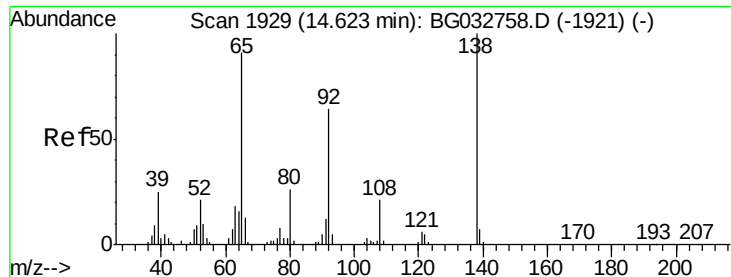
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#46  
2-Chloronaphthalene  
Concen: 45.805 ng  
RT: 14.43 min Scan# 1897  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.5  | 30.7  | 46.1  |
| 164     | 33.2  | 26.0  | 39.0  |





#47

2-Nitroaniline

Concen: 62.931 ng

RT: 14.61 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Instrument :

BNA\_G

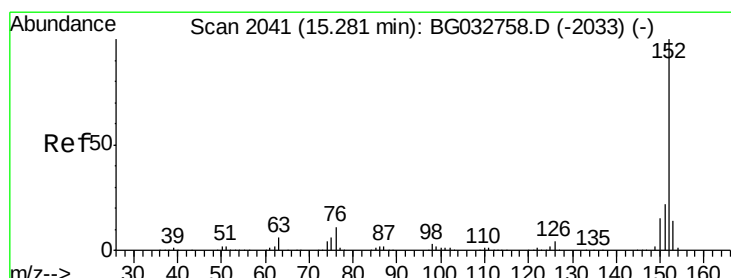
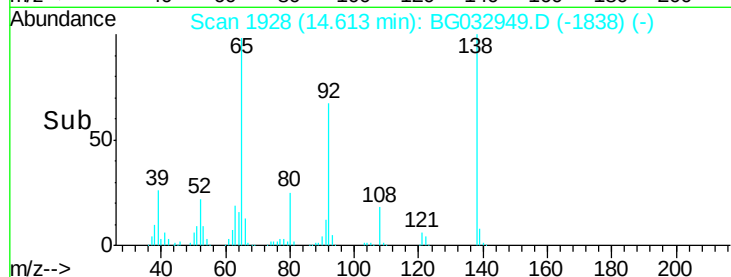
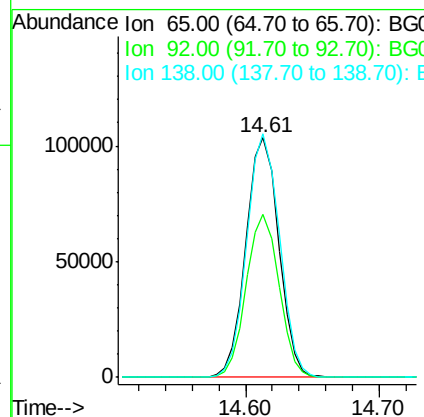
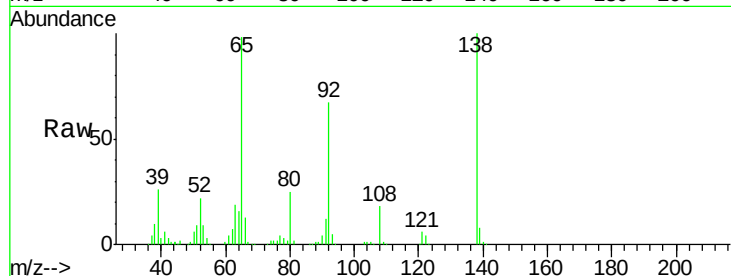
ClientSampleId :

JC-02-030118-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 176292 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 68.1  | 54.6  | 82.0   |
| 138       | 101.7 | 72.9  | 109.3  |

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#48

Acenaphthylene

Concen: 46.484 ng

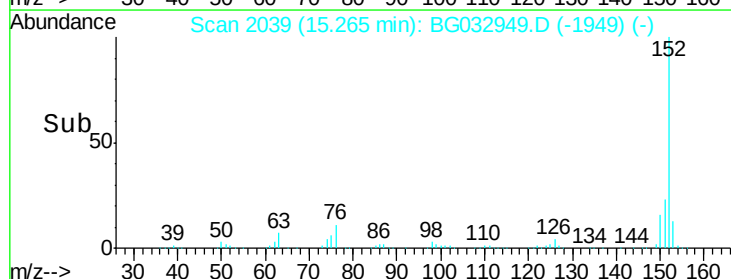
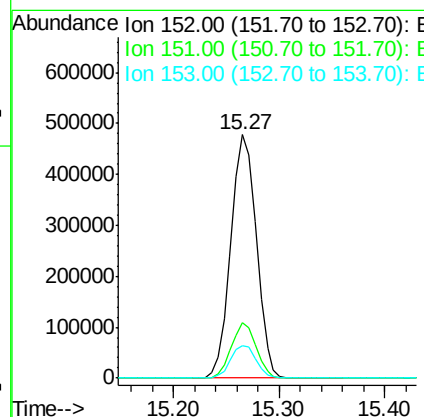
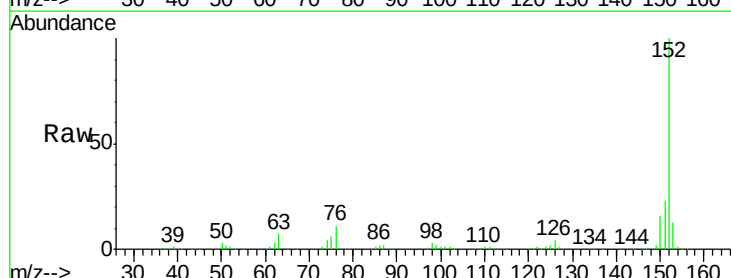
RT: 15.27 min Scan# 2039

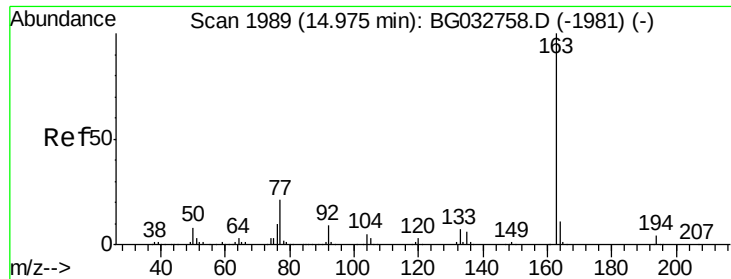
Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 796660 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 22.6  | 17.2  | 25.8   |
| 153       | 13.3  | 10.2  | 15.4   |





#49

Dimethylphthalate

Concen: 46.630 ng

RT: 14.96 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Instrument :

BNA\_G

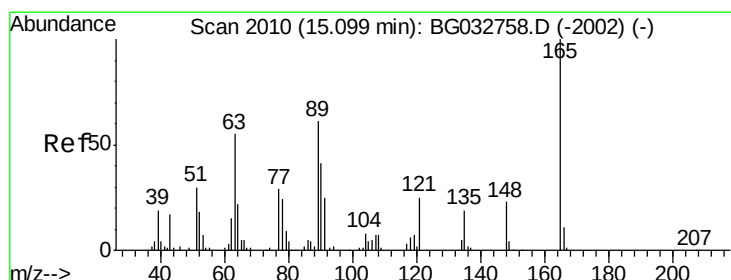
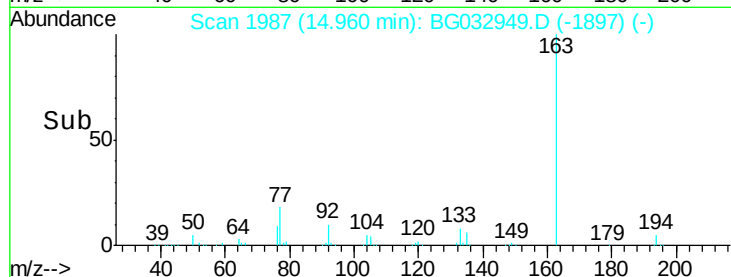
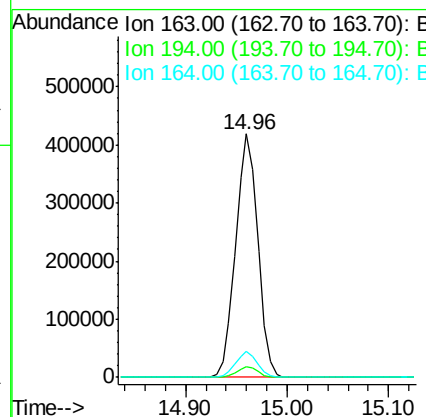
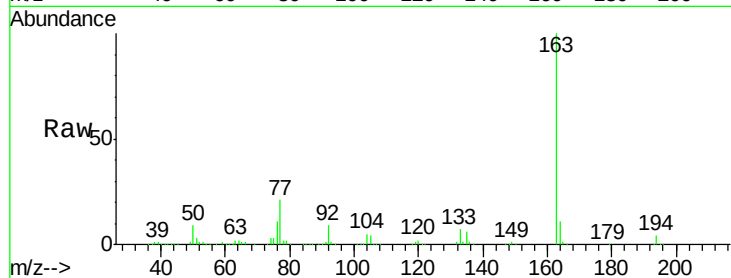
ClientSampleId :

JC-02-030118-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 634926 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.2   | 3.4   | 5.2    |
| 164       | 10.7  | 8.2   | 12.4   |

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#50

2,6-Dinitrotoluene

Concen: 61.021 ng

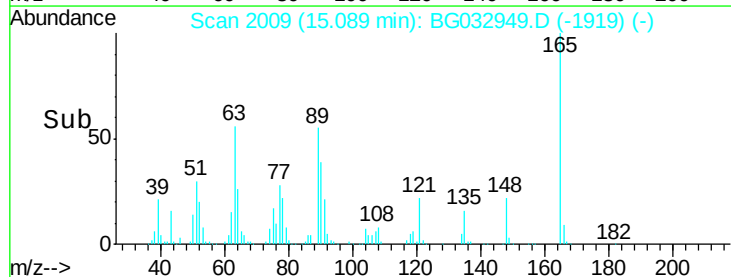
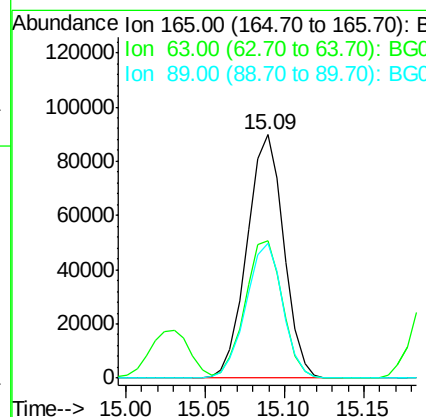
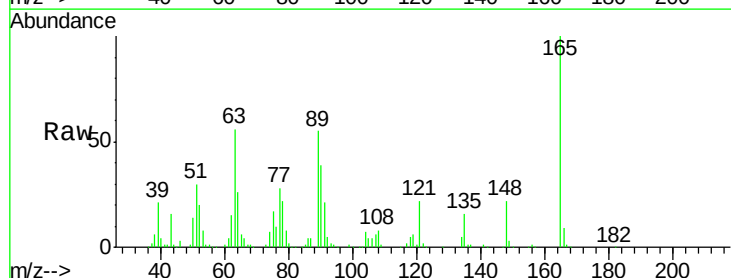
RT: 15.09 min Scan# 2009

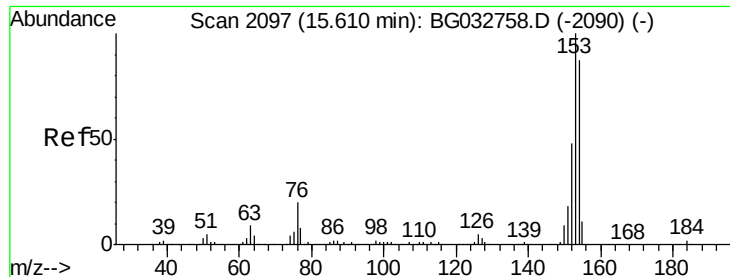
Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 144202 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 56.3  | 52.7  | 79.1   |
| 89        | 55.2  | 49.2  | 73.8   |





#51

Acenaphthene

Concen: 49.835 ng

RT: 15.60 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Instrument :

BNA\_G

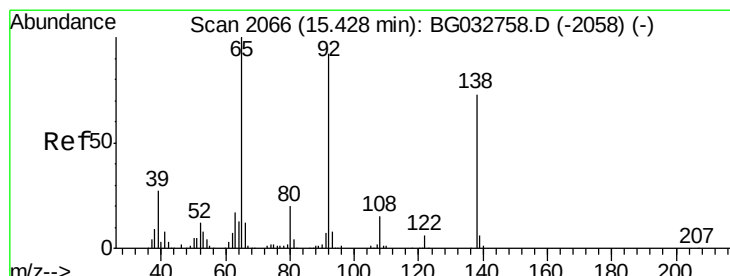
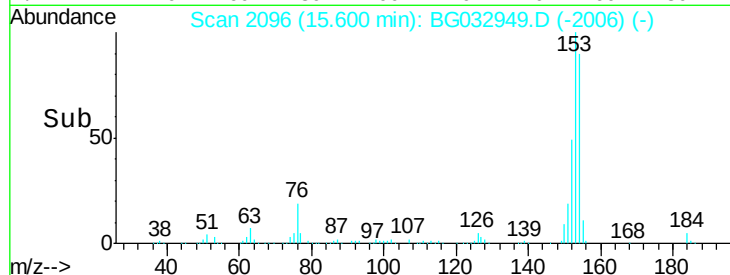
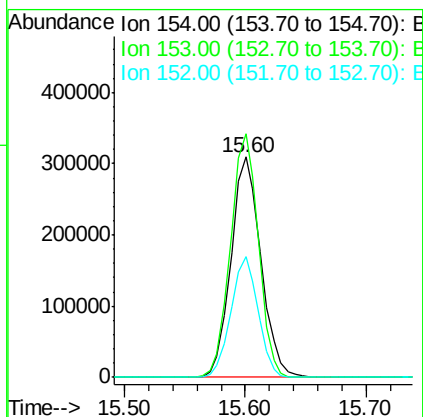
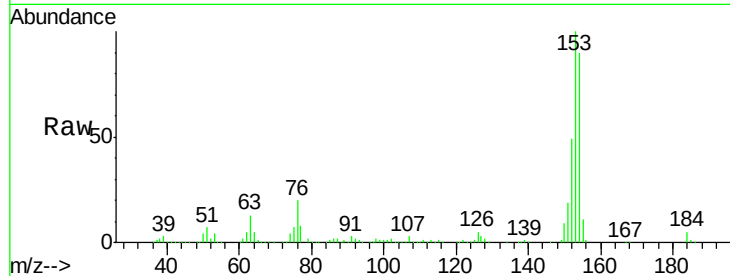
ClientSampleId :

JC-02-030118-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 531905 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 110.6 | 90.4  | 135.6  |
| 152       | 54.6  | 41.6  | 62.4   |

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#52

3-Nitroaniline

Concen: 25.657 ng

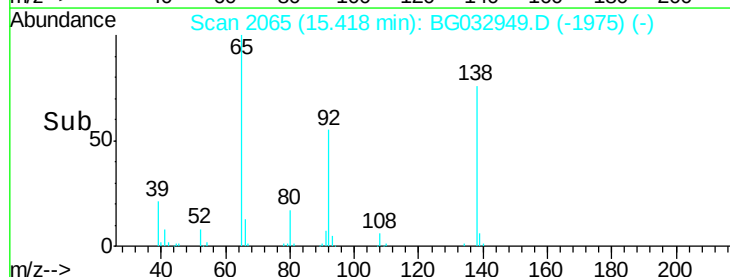
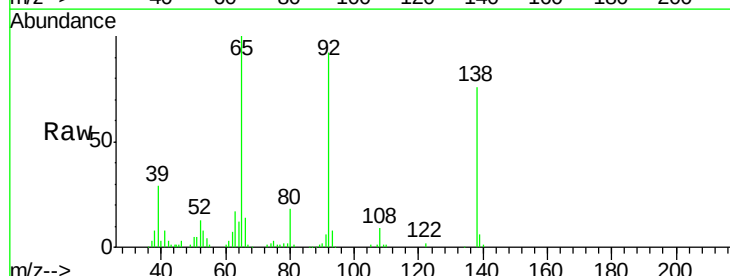
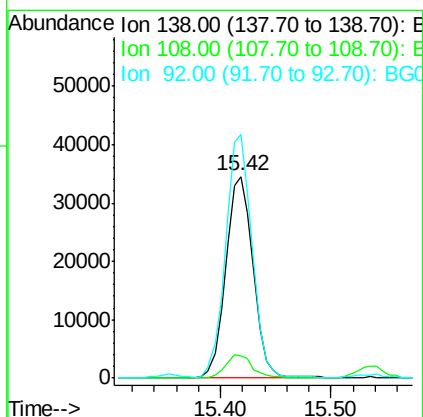
RT: 15.42 min Scan# 2065

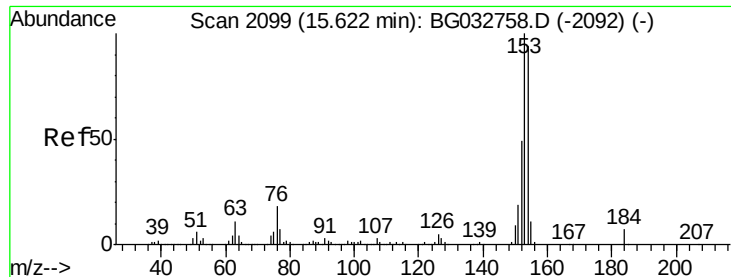
Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 59919 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 11.3  | 17.5  | 26.3# |
| 92        | 120.8 | 105.8 | 158.8 |





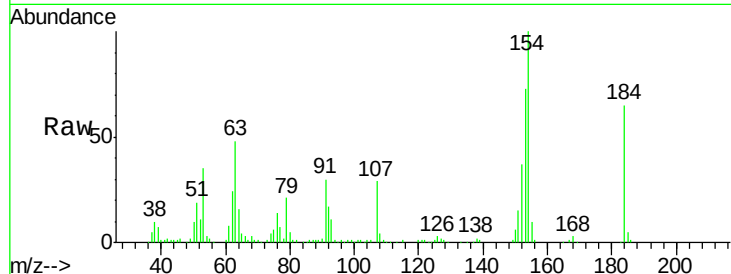
#53  
2,4-Dinitrophenol  
Concen: 120.770 ng  
RT: 15.62 min Scan# 2099  
Delta R.T. 0.01 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 72.7  | 59.8  | 89.8  |
| 154     | 152.7 | 101.8 | 152.8 |

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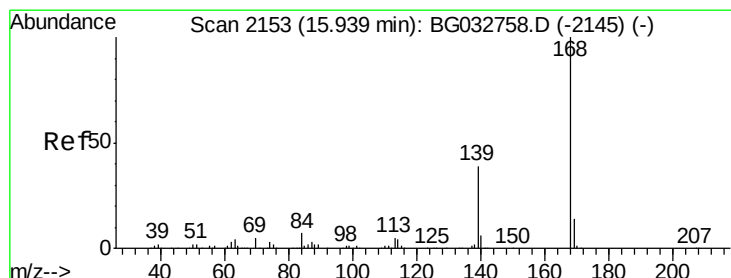
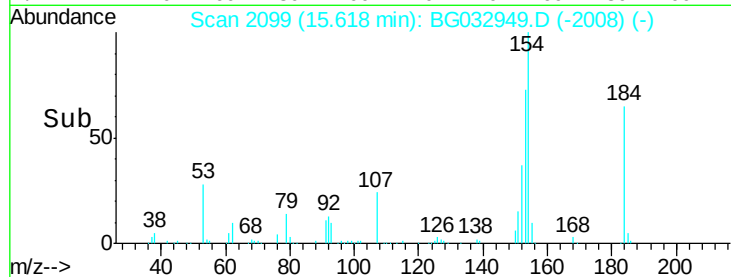
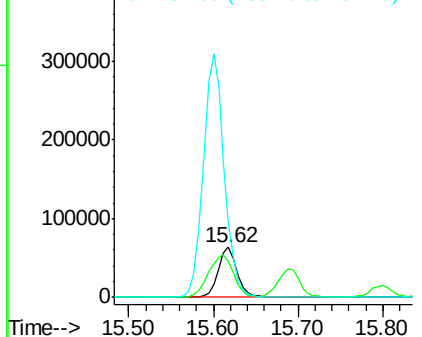


Abundance

Ion 184.00 (183.70 to 184.70): E

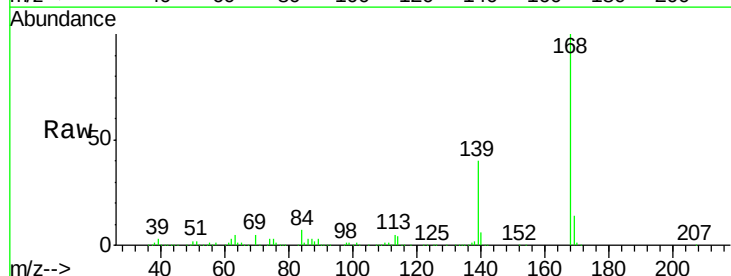
Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54  
Dibenzofuran  
Concen: 48.271 ng  
RT: 15.93 min Scan# 2152  
Delta R.T. 0.01 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.3  | 28.6  | 43.0  |
| 169     | 14.2  | 11.2  | 16.8  |

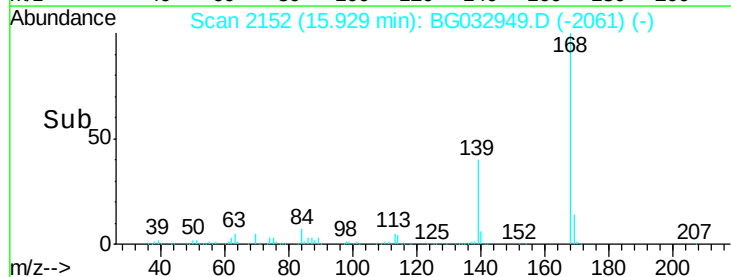
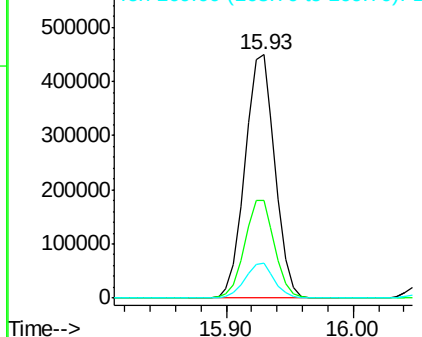


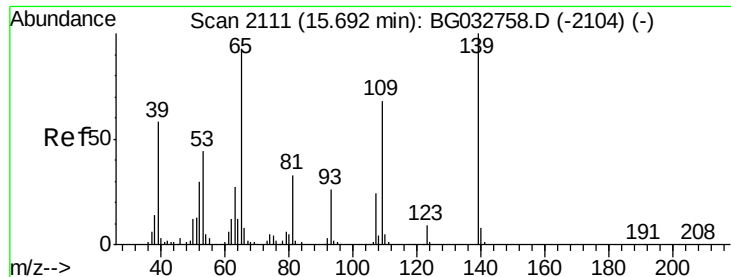
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





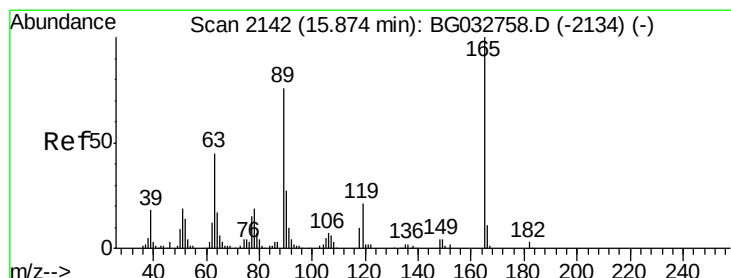
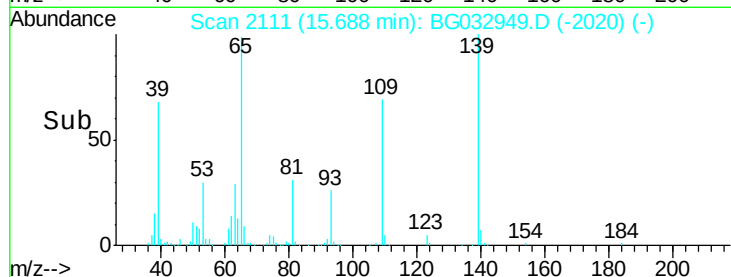
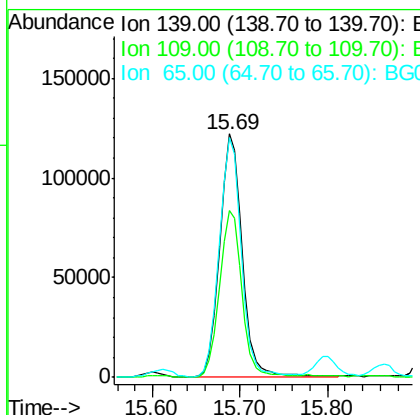
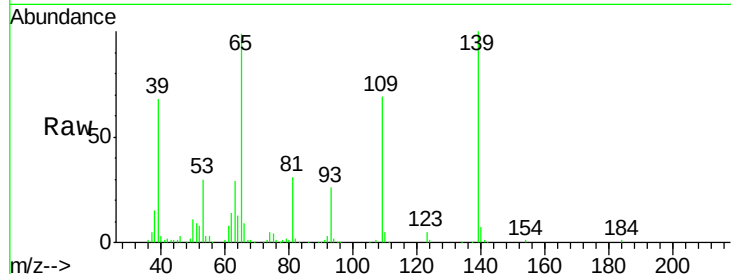
#55  
4-Nitrophenol  
Concen: 96.430 ng  
RT: 15.69 min Scan# 2111  
Delta R.T. 0.01 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 218574 |       |       |
| 109     | 68.5  | 62.2   | 102.2 |       |
| 65      | 98.6  | 97.2   | 137.2 |       |

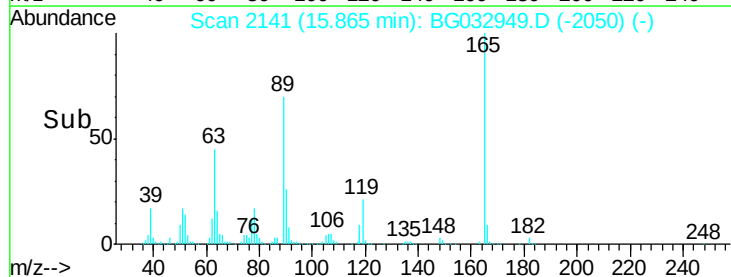
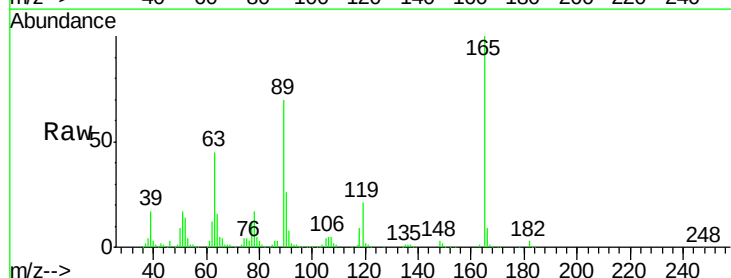
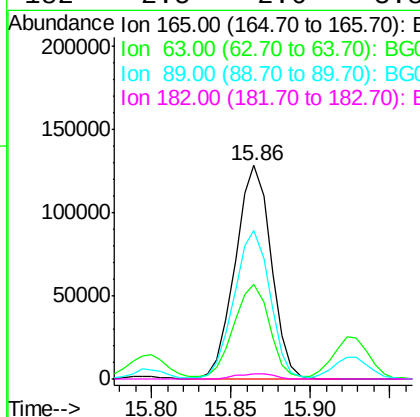
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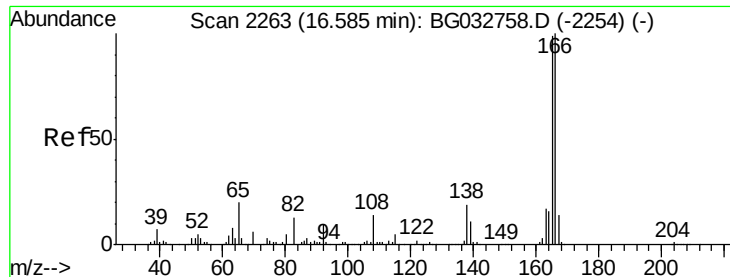


#56  
2,4-Dinitrotoluene  
Concen: 68.249 ng  
RT: 15.86 min Scan# 2141  
Delta R.T. 0.01 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 201217 |       |       |
| 63      | 44.5  | 42.0   | 63.0  |       |
| 89      | 69.7  | 66.9   | 100.3 |       |
| 182     | 2.5   | 2.6    | 3.8#  |       |







#57

Fluorene

Concen: 47.401 ng

RT: 16.57 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Instrument :

BNA\_G

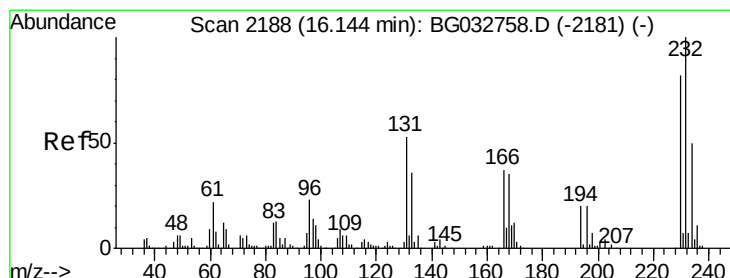
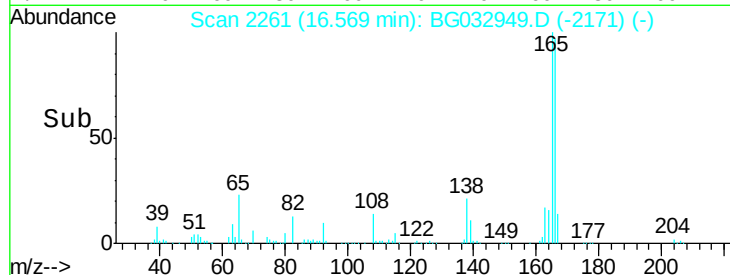
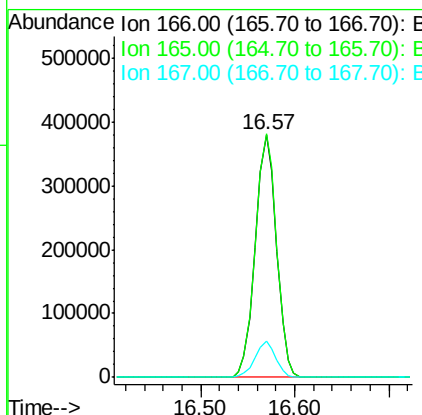
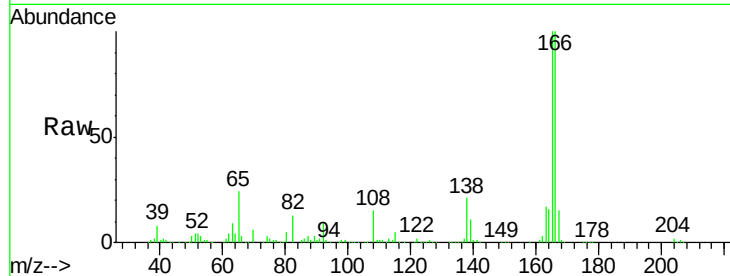
ClientSampleId :

JC-02-030118-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 594582 |
| Ion Ratio |       | Lower | Upper  |
| 166       | 100   |       |        |
| 165       | 100.4 | 80.6  | 121.0  |
| 167       | 14.8  | 10.4  | 15.6   |

Manual Integrations  
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#58

2,3,4,6-Tetrachlorophenol

Concen: 56.796 ng m

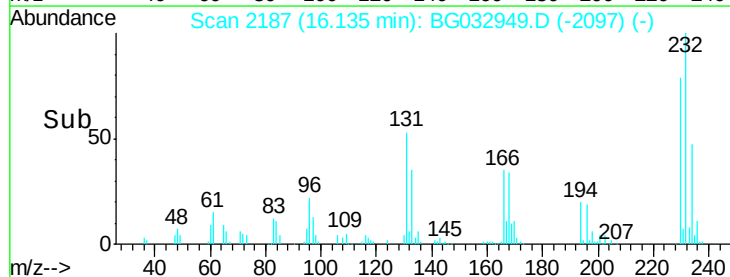
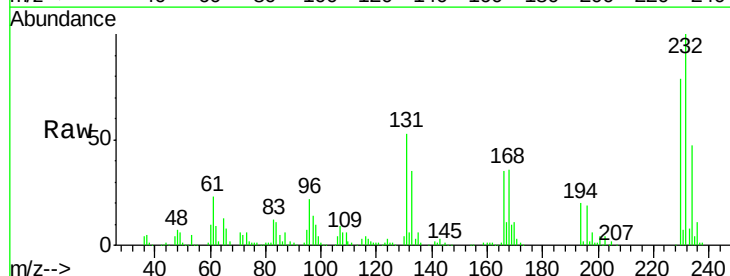
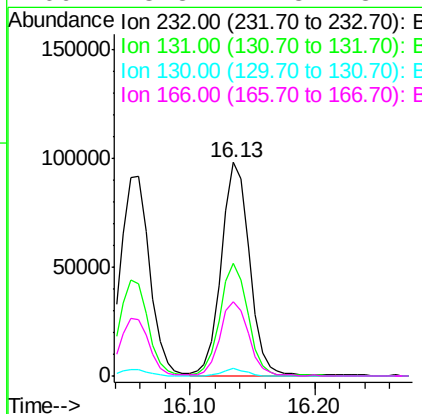
RT: 16.13 min Scan# 2187

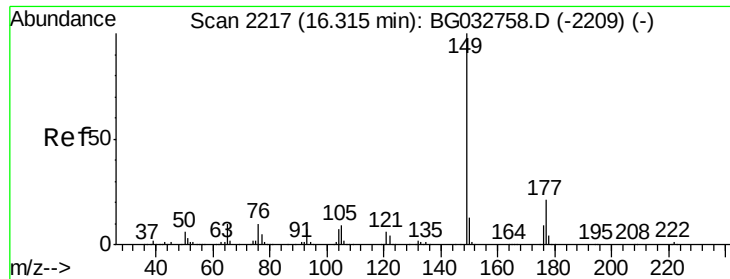
Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 232  | Resp: | 153216 |
| Ion Ratio |      | Lower | Upper  |
| 232       | 100  |       |        |
| 131       | 45.9 | 33.5  | 50.3   |
| 130       | 3.0  | 2.2   | 3.2    |
| 166       | 28.3 | 24.8  | 37.2   |





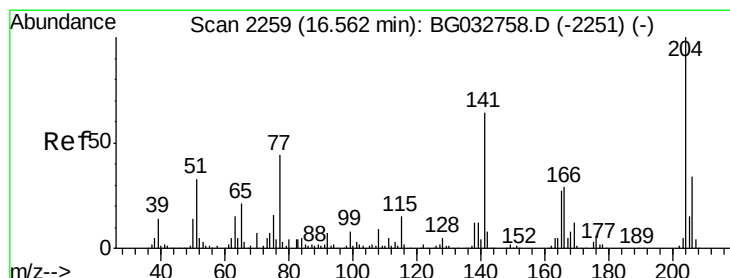
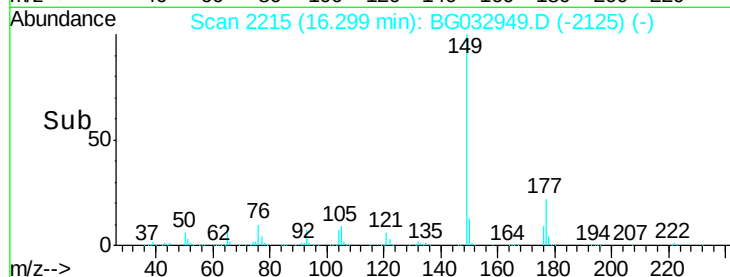
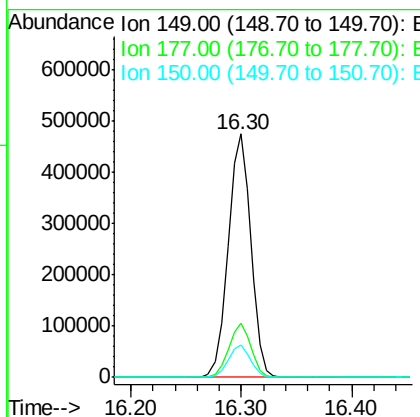
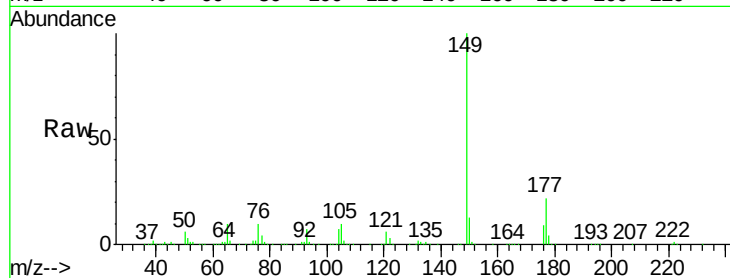
#59  
Diethylphthalate  
Concen: 47.298 ng  
RT: 16.30 min Scan# 2215  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 679280 |       |       |
| 177     | 22.1  |        | 18.5  | 27.7  |
| 150     | 13.1  |        | 10.2  | 15.2  |

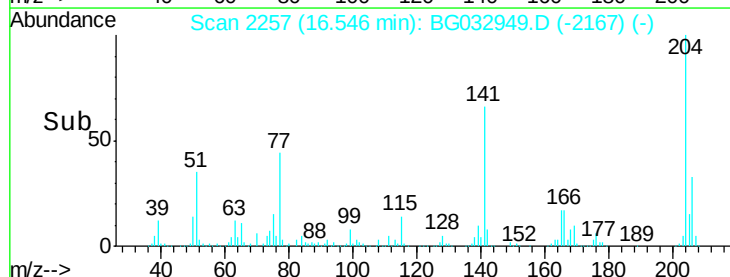
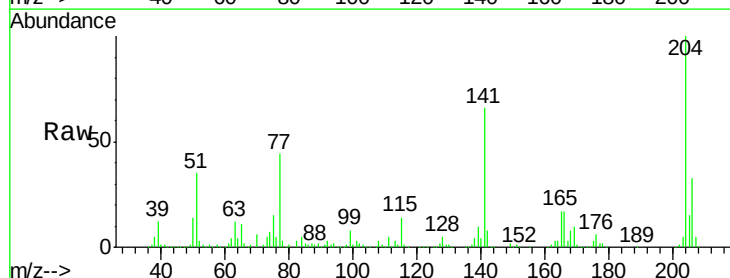
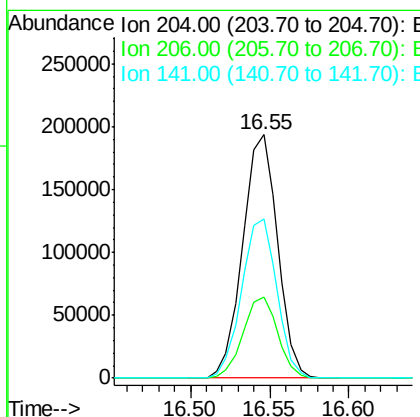
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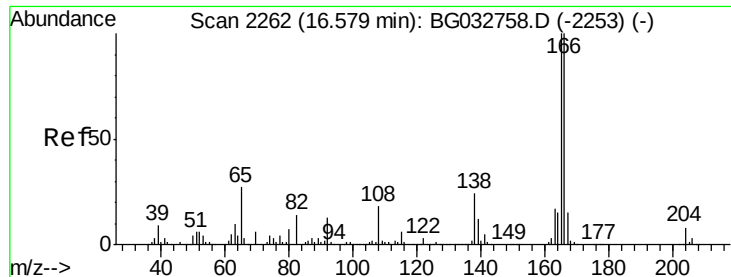
Sohil  
3/5/2018 3:17:59 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 48.129 ng  
RT: 16.55 min Scan# 2257  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 295333 |       |       |
| 206     | 33.2  |        | 26.2  | 39.2  |
| 141     | 65.6  |        | 45.8  | 68.6  |





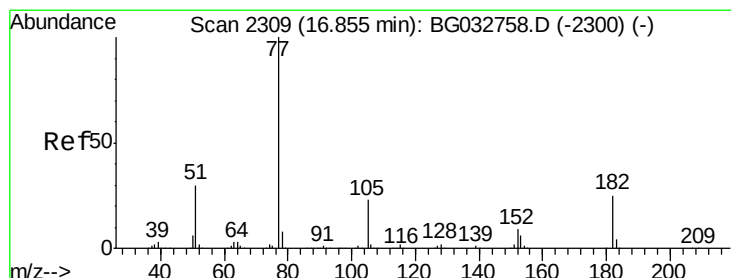
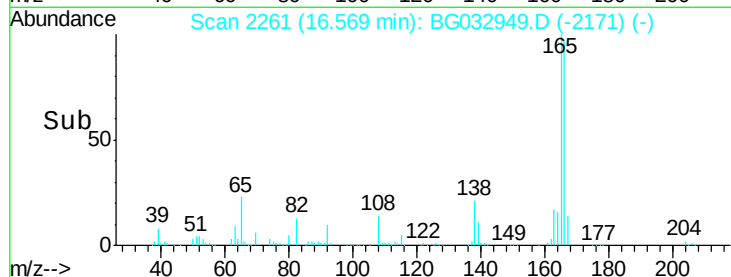
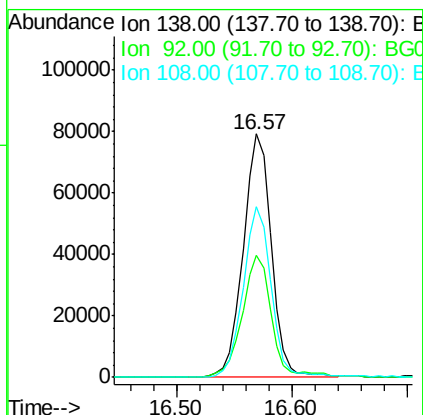
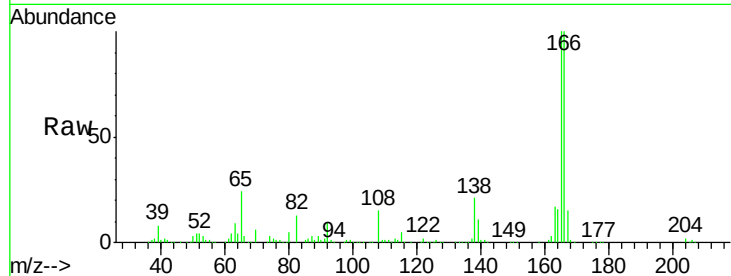
#61  
4-Nitroaniline  
Concen: 45.791 ng  
RT: 16.57 min Scan# 2261  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.1  | 40.1  | 80.1  |
| 108     | 69.9  | 65.4  | 105.4 |

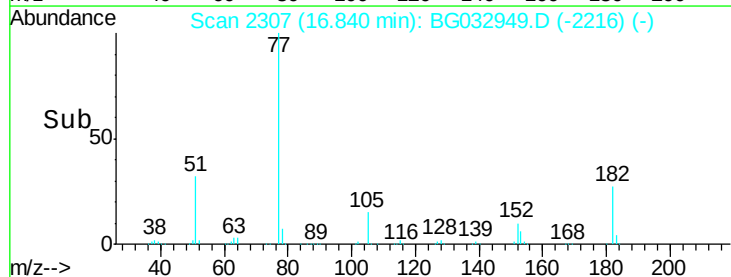
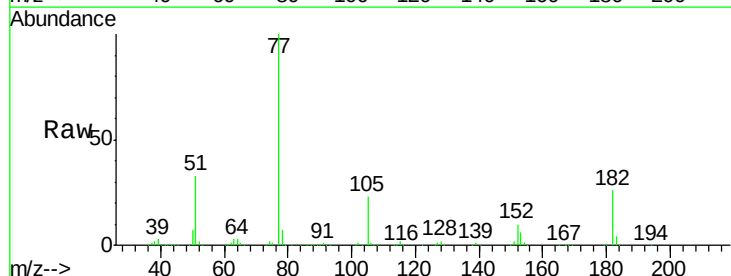
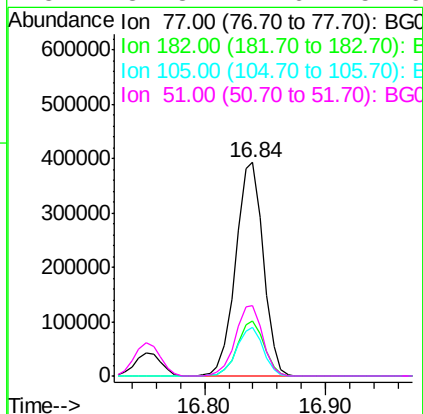
Manual Integrations  
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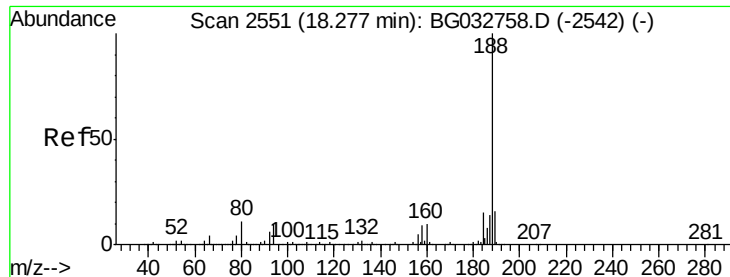
Sohil  
3/5/2018 3:17:59 PM



#62  
Azobenzene  
Concen: 48.609 ng  
RT: 16.84 min Scan# 2307  
Delta R.T. 0.01 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 25.6  | 7.4   | 47.4  |
| 105     | 22.8  | 0.3   | 40.3  |
| 51      | 32.8  | 11.6  | 51.6  |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Instrument :

BNA\_G

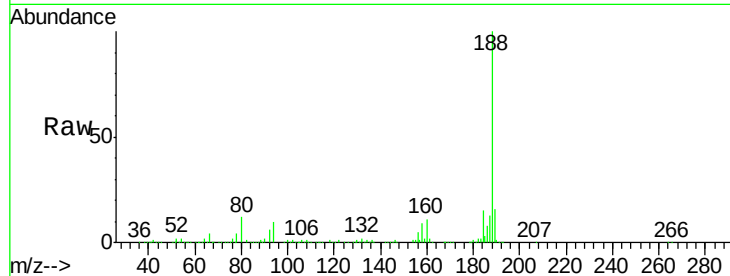
ClientSampleId :

JC-02-030118-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 364190 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 10.4  | 6.9   | 10.3#  |
| 80        | 12.2  | 7.7   | 11.5#  |

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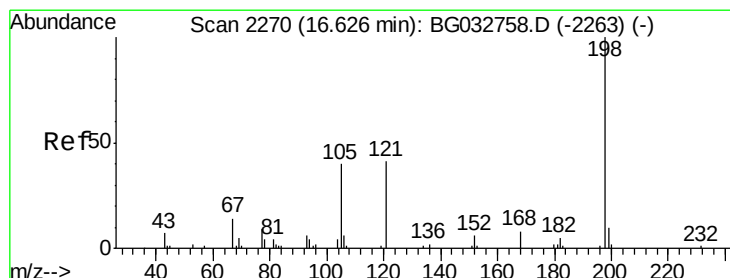
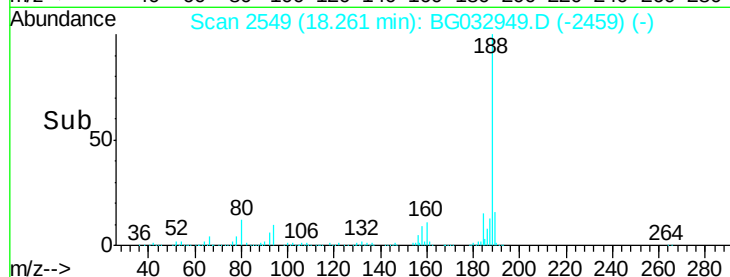
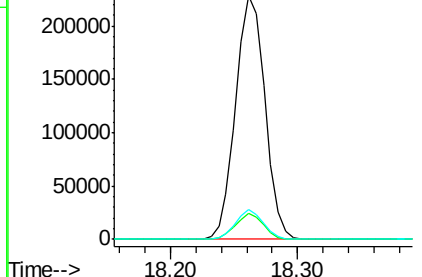
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 68.358 ng

RT: 16.62 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BG032949.D

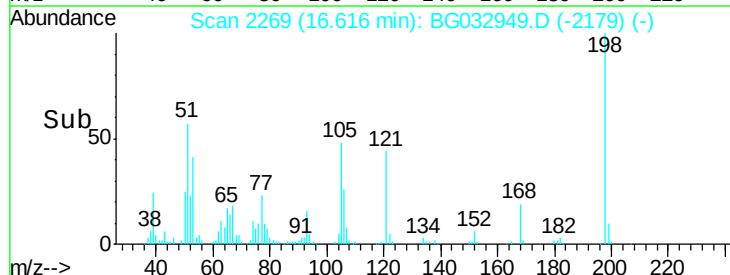
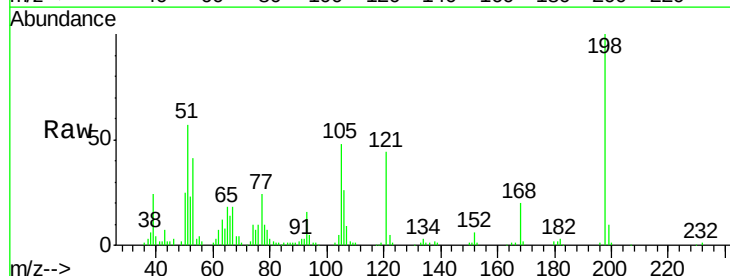
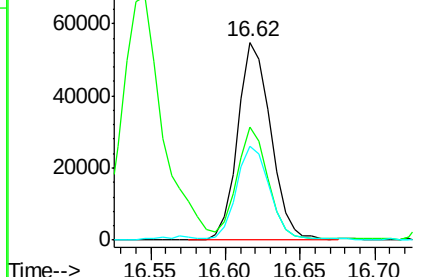
Acq: 2 Mar 2018 17:17

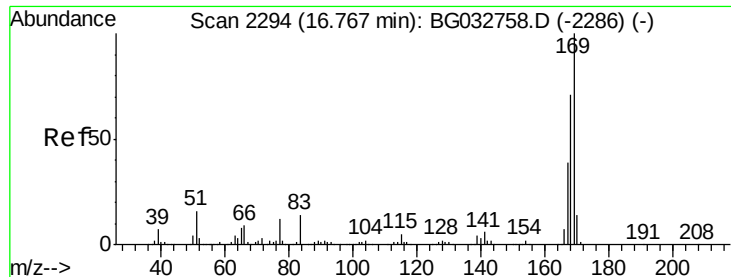
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 84816 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 56.9  | 30.6  | 70.6  |
| 105       | 47.5  | 23.8  | 63.8  |

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.073 ng

RT: 16.75 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Instrument :

BNA\_G

ClientSampleId :

JC-02-030118-AMS

Tot Ion:169 Resp: 557699

Ion Ratio Lower Upper

169 100

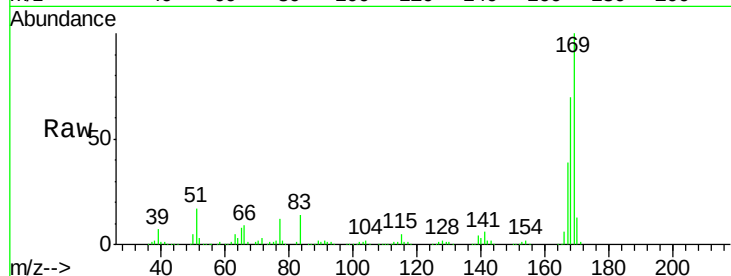
168 70.2 55.7 83.5

167 39.4 30.1 45.1

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Sohil

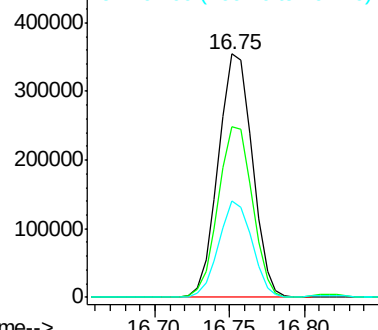
3/5/2018 3:17:59 PM



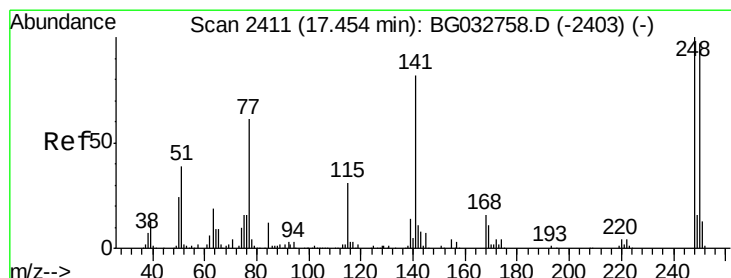
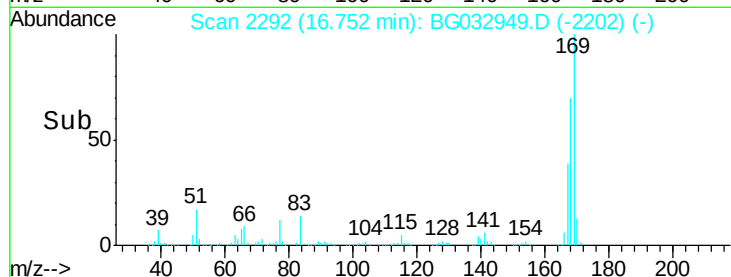
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 46.072 ng

RT: 17.44 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Tgt Ion:248 Resp: 177419

Ion Ratio Lower Upper

248 100

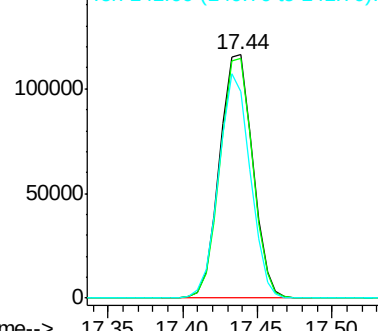
250 98.4 77.1 115.7

141 85.1 50.8 76.2#

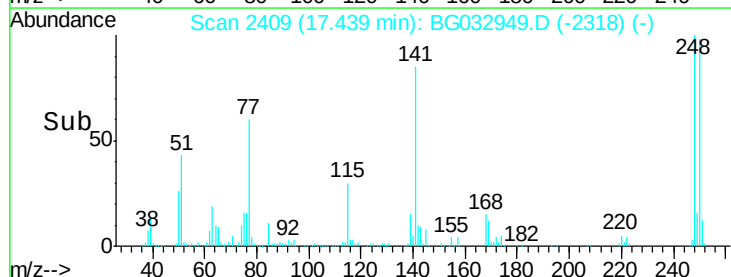
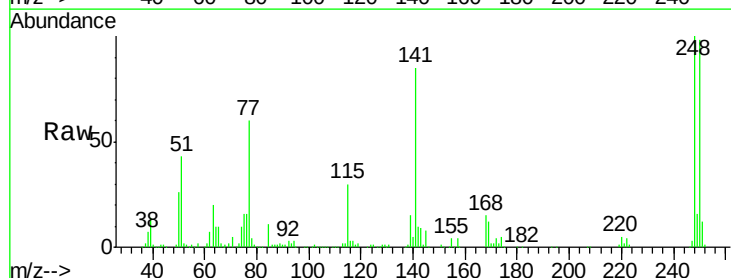
Abundance Ion 248.00 (247.70 to 248.70): E

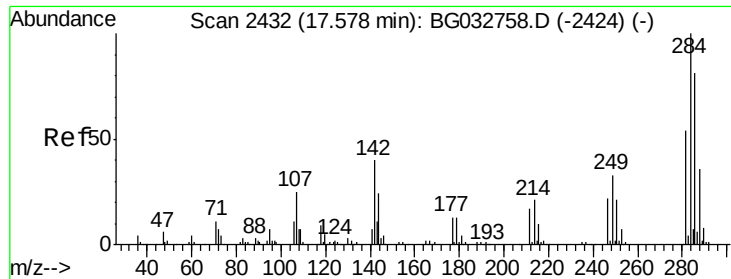
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#67

Hexachlorobenzene

Concen: 43.253 ng

RT: 17.56 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Instrument :

BNA\_G

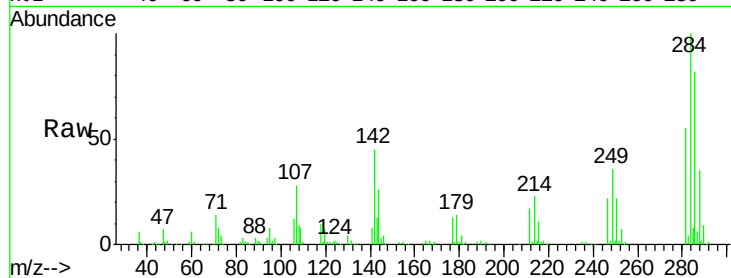
ClientSampleId :

JC-02-030118-AMS

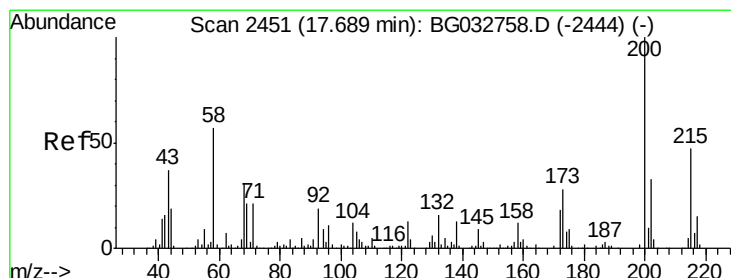
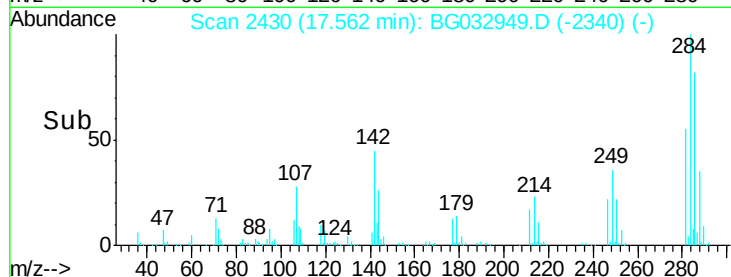
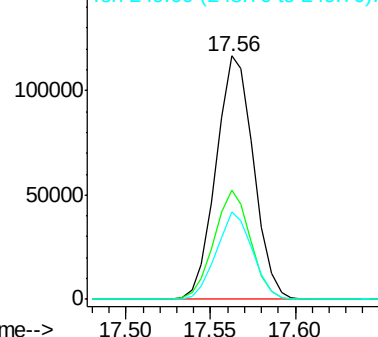
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 179999 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 45.1  | 26.8  | 40.2#  |
| 249       | 35.8  | 26.3  | 39.5   |

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Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.893 ng

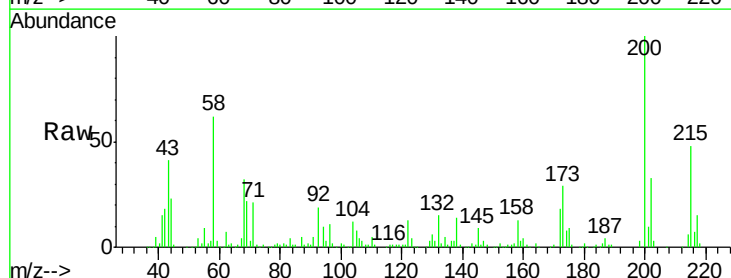
RT: 17.67 min Scan# 2449

Delta R.T. 0.00 min

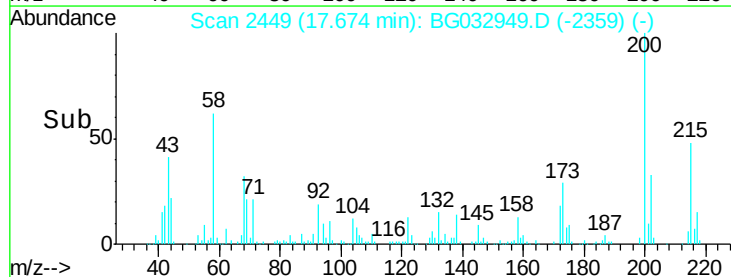
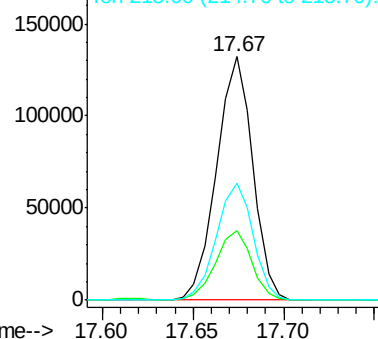
Lab File: BG032949.D

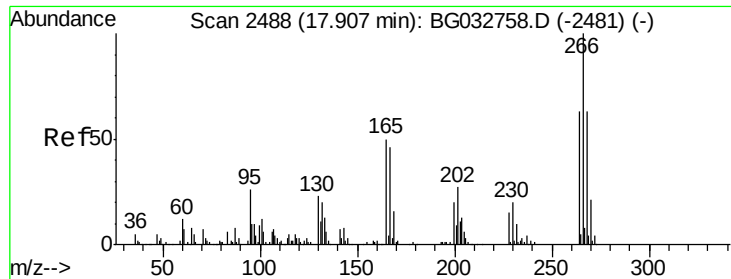
Acq: 2 Mar 2018 17:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 182872 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 28.8  | 5.2   | 45.2   |
| 215       | 48.0  | 30.4  | 70.4   |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





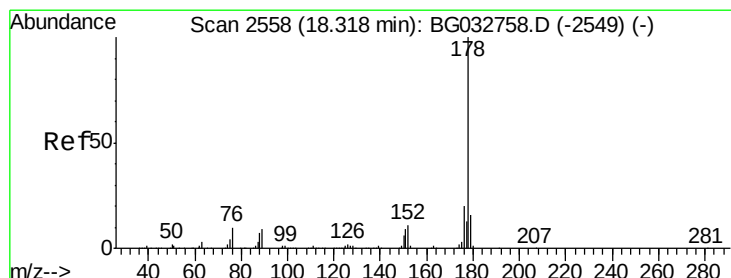
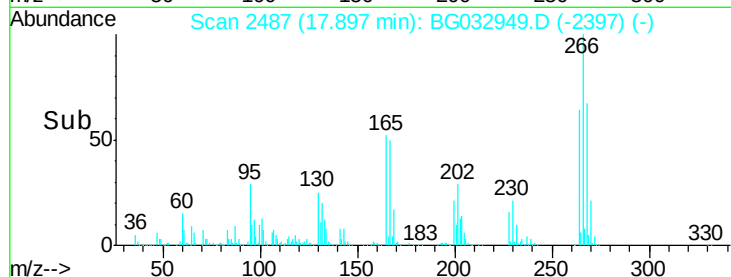
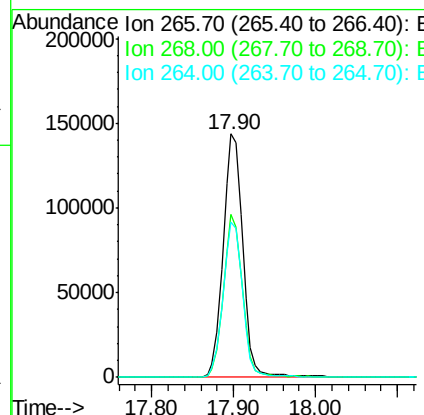
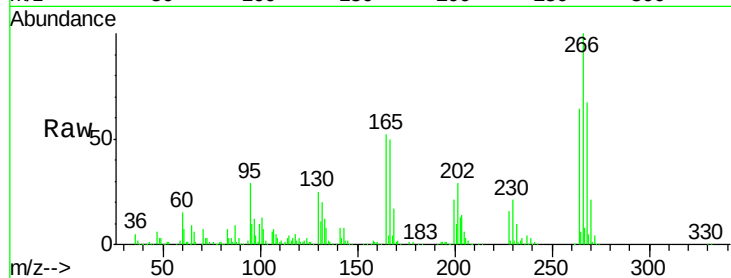
#69  
 Pentachlorophenol  
 Concen: 92.311 ng  
 RT: 17.90 min Scan# 2487  
 Delta R.T. 0.00 min  
 Lab File: BG032949.D  
 Acq: 2 Mar 2018 17:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.8  | 51.1  | 76.7  |
| 264     | 63.8  | 49.6  | 74.4  |

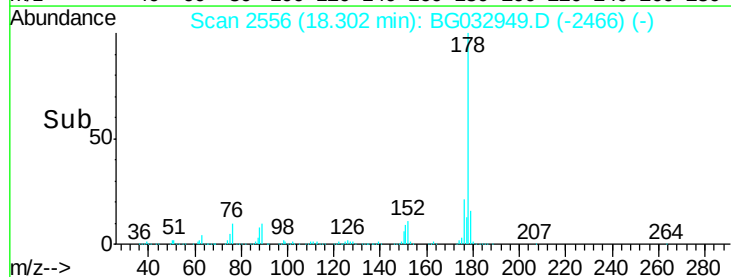
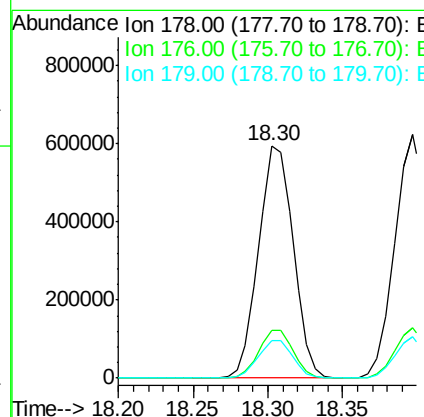
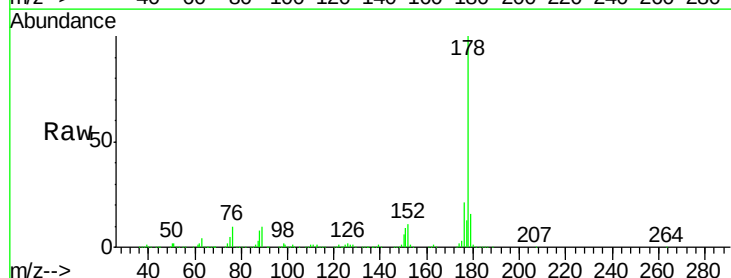
Manual Integrations  
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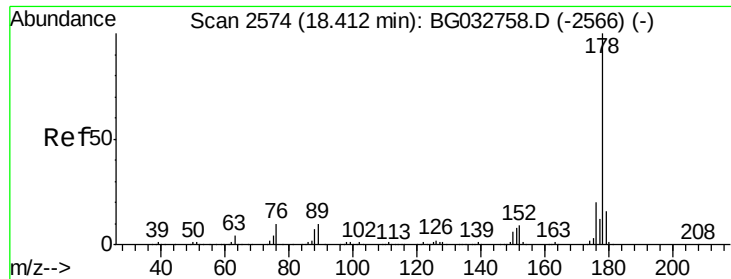
Sohil  
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#70  
 Phenanthrene  
 Concen: 47.058 ng  
 RT: 18.30 min Scan# 2556  
 Delta R.T. 0.00 min  
 Lab File: BG032949.D  
 Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.6  | 15.7  | 23.5  |
| 179     | 16.4  | 12.5  | 18.7  |





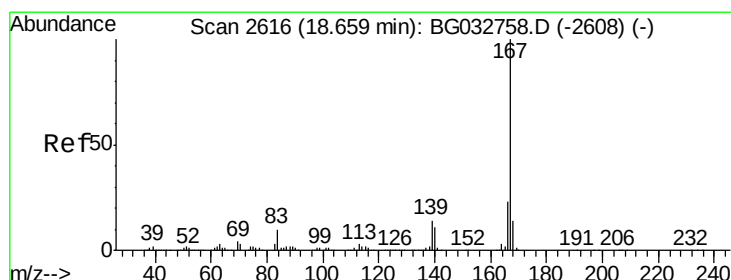
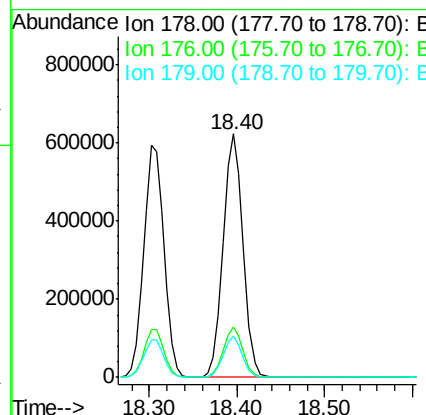
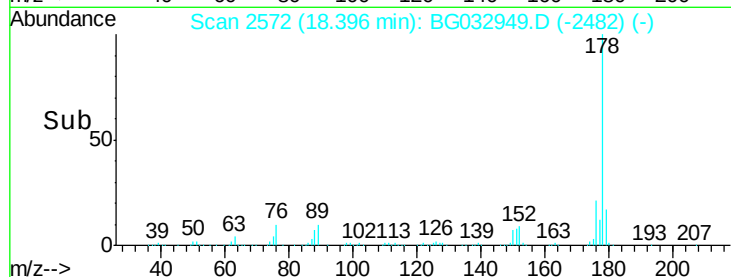
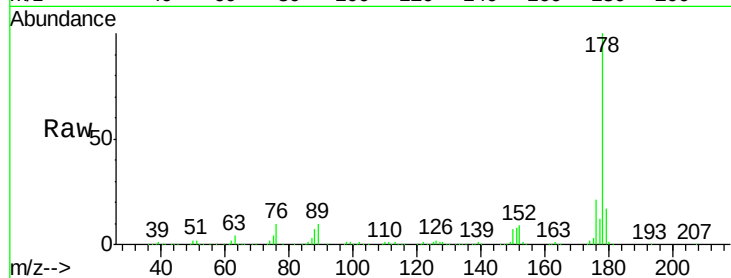
#71  
 Anthracene  
 Concen: 47.633 ng  
 RT: 18.40 min Scan# 2572  
 Delta R.T. 0.00 min  
 Lab File: BG032949.D  
 Acq: 2 Mar 2018 17:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.5  | 16.0  | 24.0  |
| 179     | 16.9  | 12.5  | 18.7  |

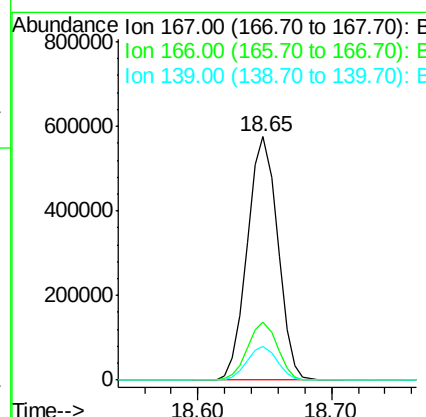
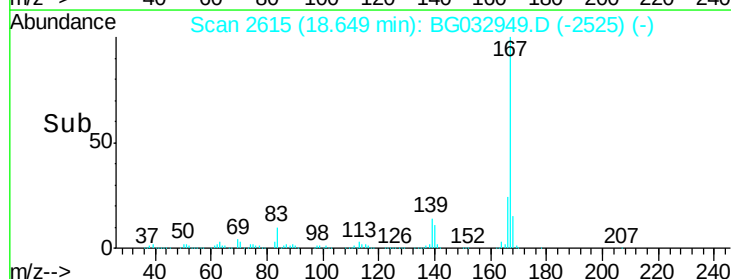
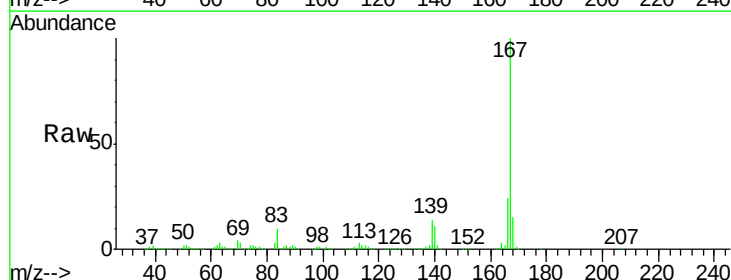
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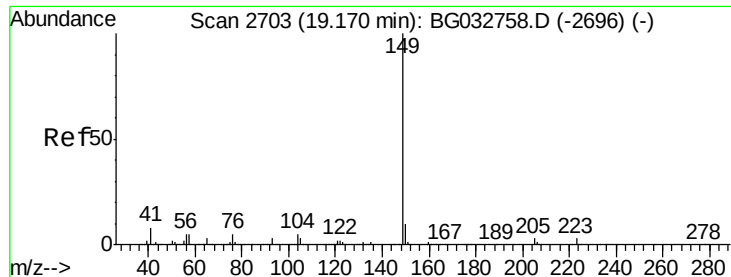


#72  
 Carbazole  
 Concen: 45.072 ng  
 RT: 18.65 min Scan# 2615  
 Delta R.T. 0.00 min  
 Lab File: BG032949.D  
 Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.7  | 18.2  | 27.4  |
| 139     | 14.0  | 9.4   | 14.2  |







#73

Di-n-butylphthalate

Concen: 46.537 ng

RT: 19.15 min Scan# 2700

Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Instrument :

BNA\_G

ClientSampleId :

JC-02-030118-AMS

Tot Ion:149 Resp: 1147878

Ion Ratio Lower Upper

149 100

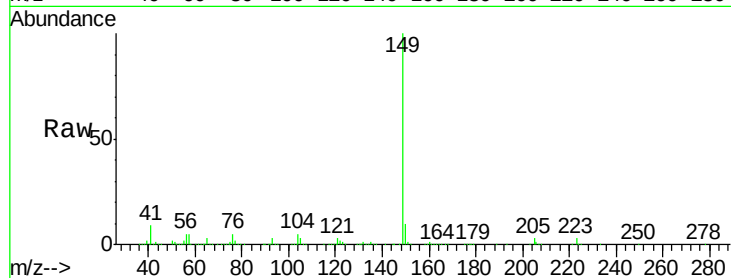
150 10.5 7.8 11.6

104 5.4 3.9 5.9

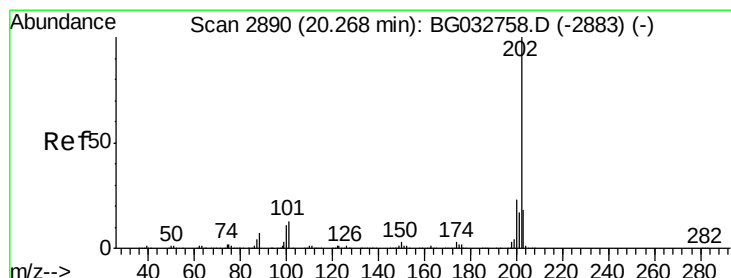
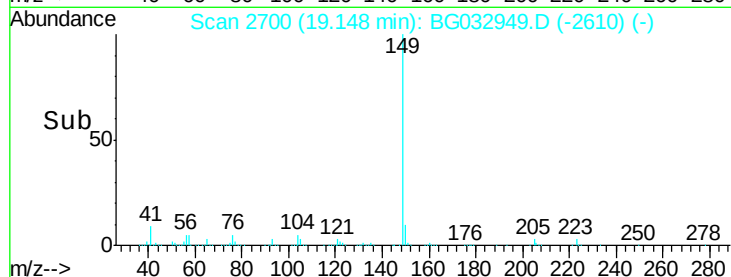
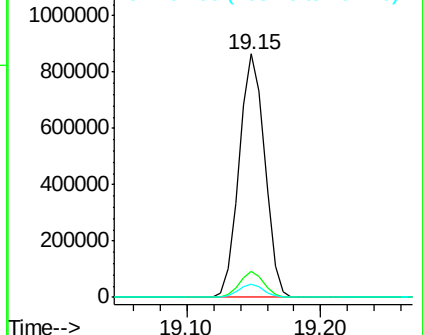
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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.945 ng

RT: 20.25 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

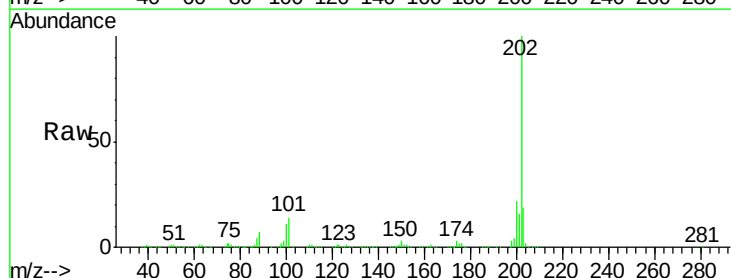
Tgt Ion:202 Resp: 1053629

Ion Ratio Lower Upper

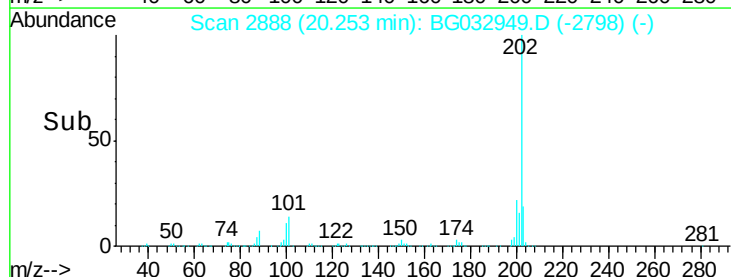
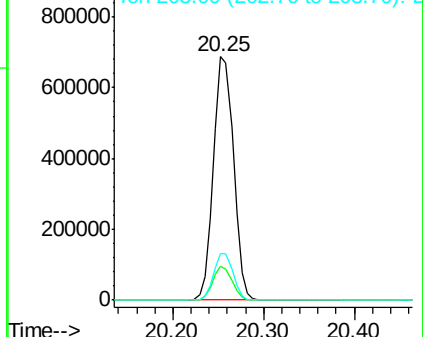
202 100

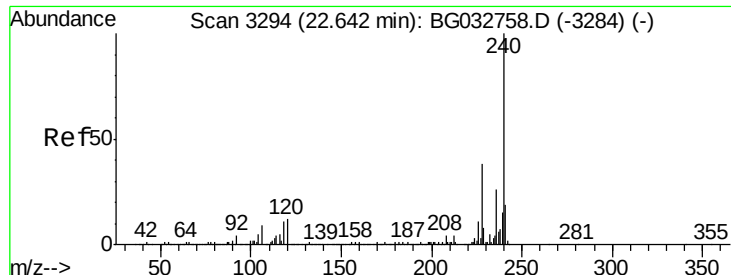
101 13.7 0.0 28.9

203 19.1 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





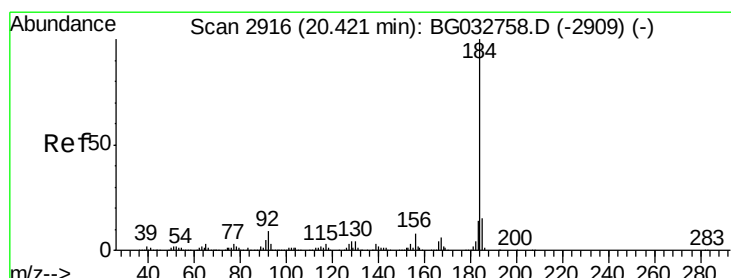
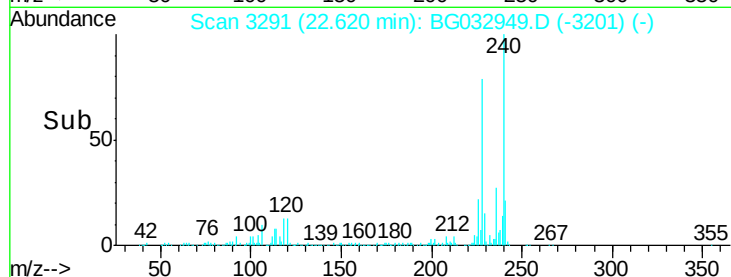
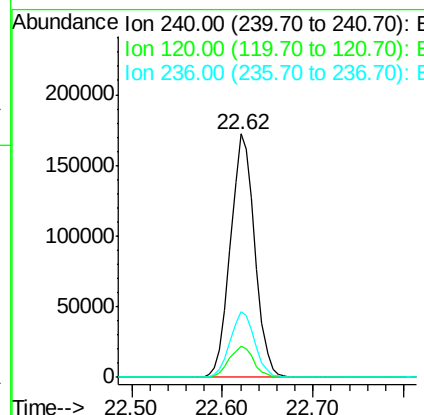
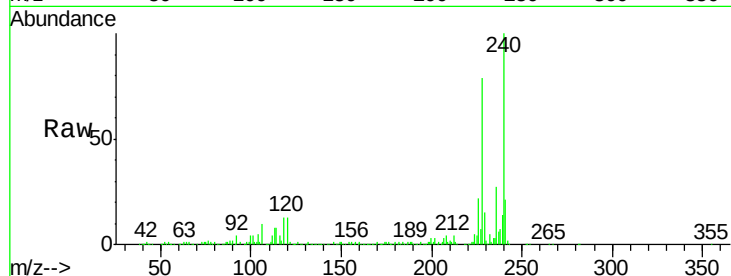
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.62 min Scan# 3291  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 12.6  | 6.8   | 10.2# |
| 236     | 27.0  | 20.9  | 31.3  |

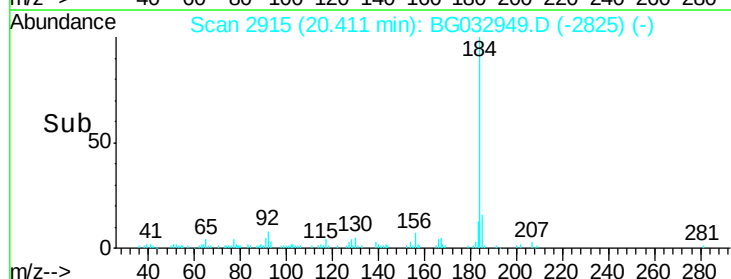
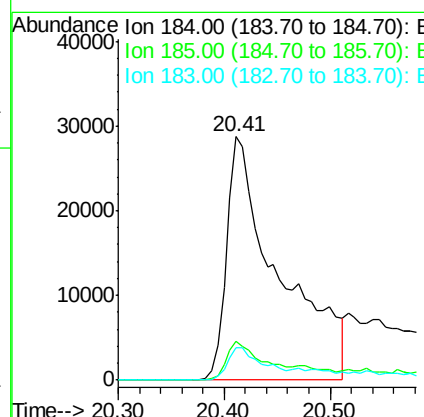
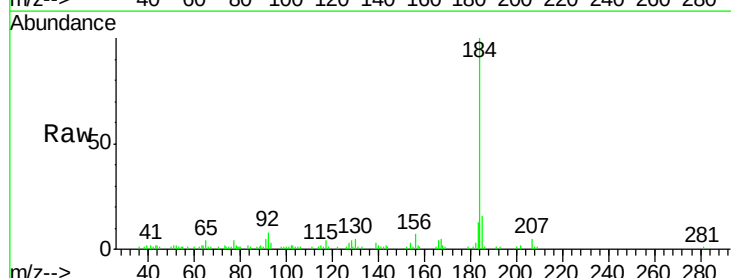
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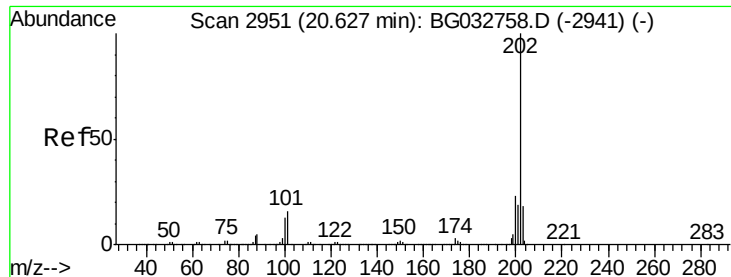
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#76  
Benzidine  
Concen: 9.032 ng  
RT: 20.41 min Scan# 2915  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.1  | 11.1  | 16.7  |
| 183     | 13.4  | 10.6  | 16.0  |





#77

Pvrene

Concen: 46.717 ng

RT: 20.61 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Instrument :

BNA\_G

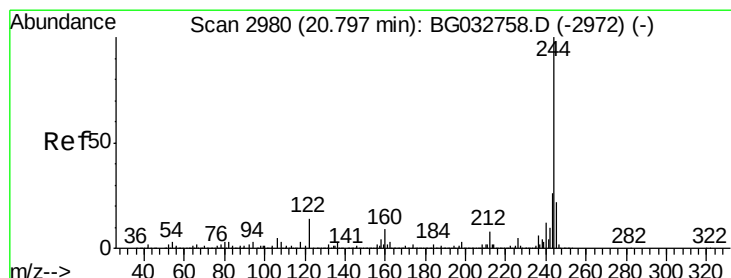
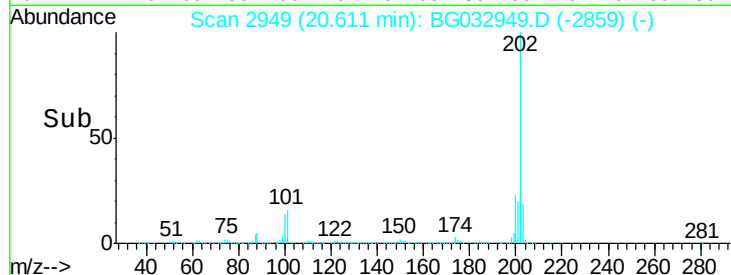
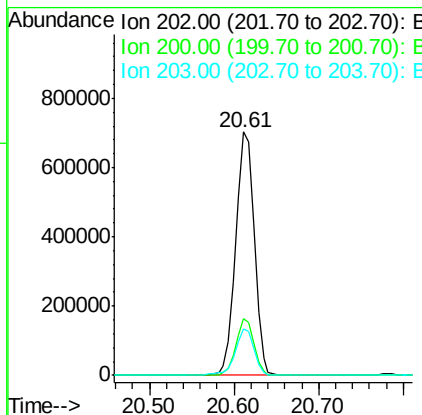
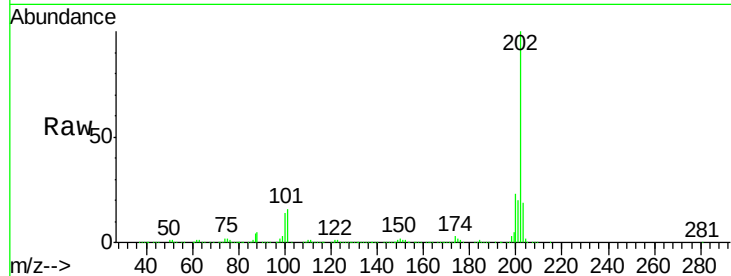
ClientSampleId :

JC-02-030118-AMS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1054535 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 200      | 23.2  | 16.9  | 25.3    |
| 203      | 19.1  | 13.9  | 20.9    |

Manual Integrations  
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#78

Terphenyl-d14

Concen: 101.605 ng

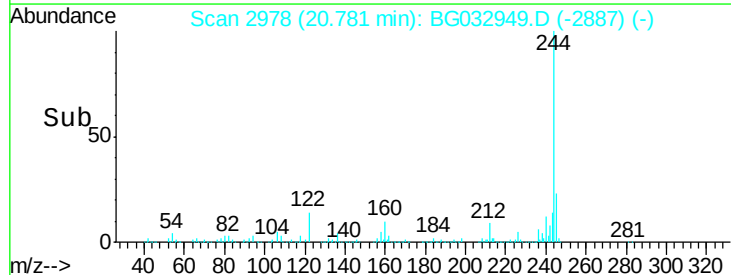
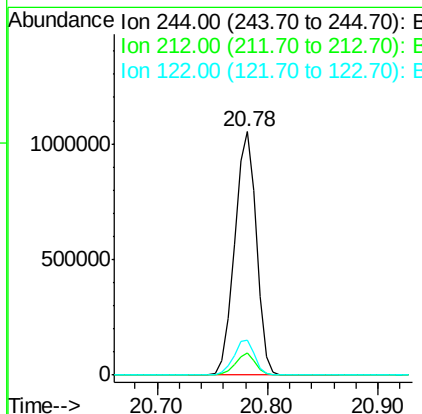
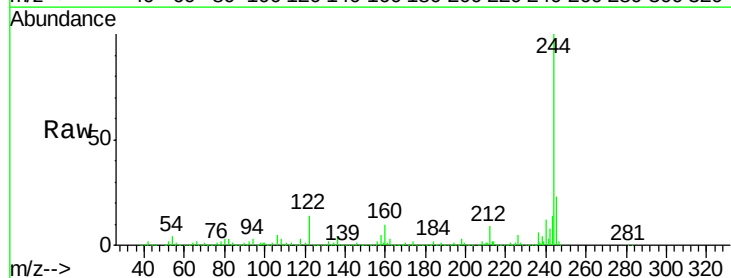
RT: 20.78 min Scan# 2978

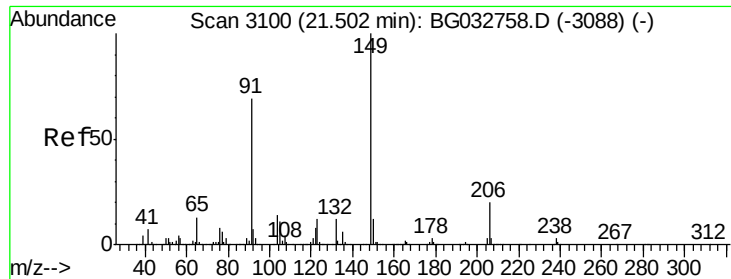
Delta R.T. 0.01 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 1447550 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 8.9   | 5.8   | 8.8#    |
| 122      | 14.2  | 7.0   | 10.4#   |





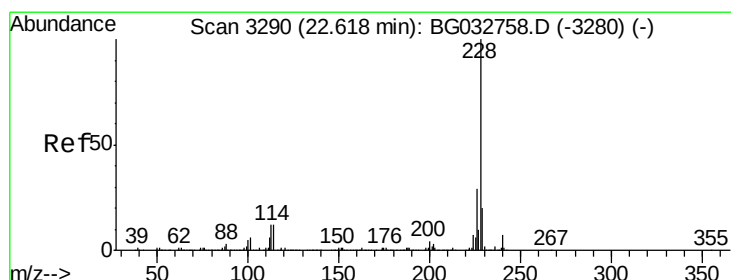
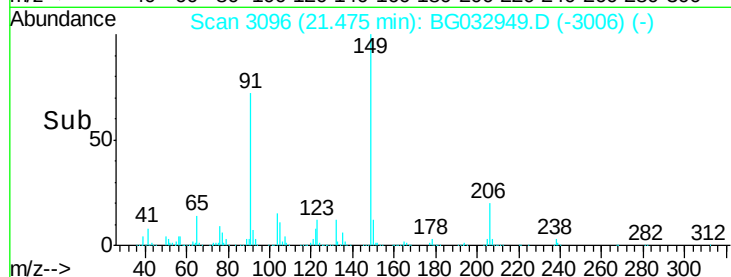
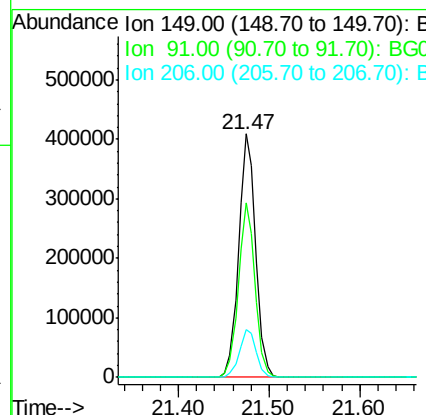
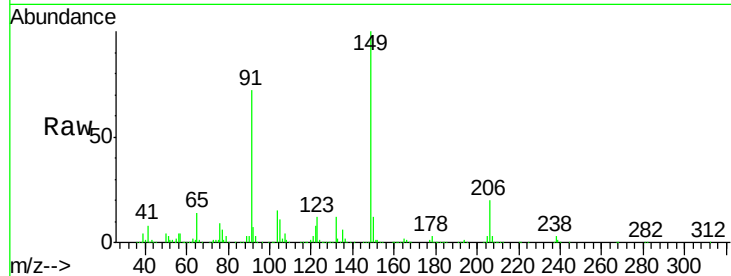
#79  
Butylbenzylphthalate  
Concen: 53.586 ng  
RT: 21.47 min Scan# 3096  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.9  | 62.2  | 93.2  |
| 206     | 19.6  | 18.6  | 27.8  |

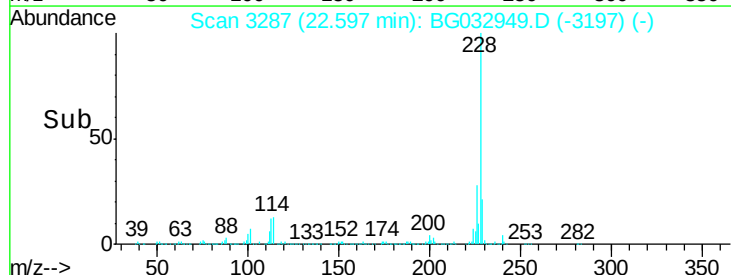
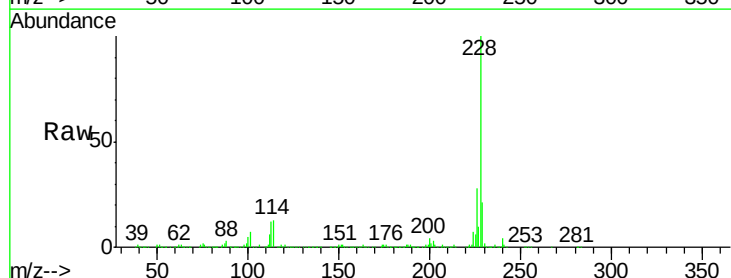
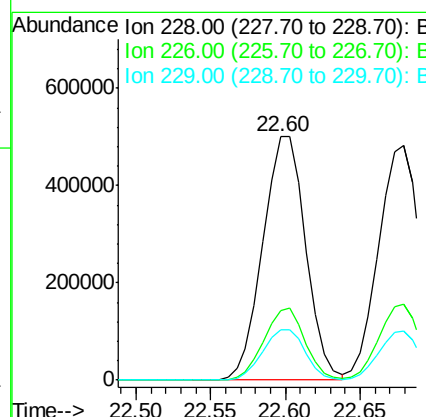
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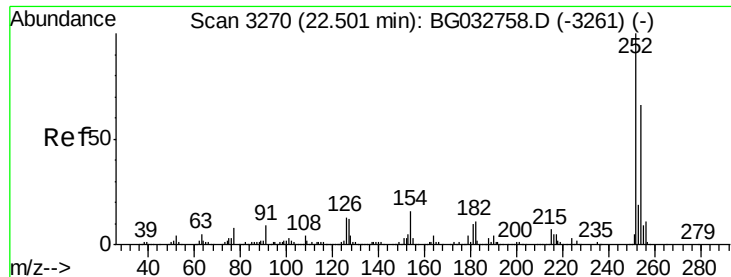
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#80  
Benzo(a)anthracene  
Concen: 48.775 ng  
RT: 22.60 min Scan# 3287  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.3  | 22.7  | 34.1  |
| 229     | 20.8  | 16.2  | 24.2  |





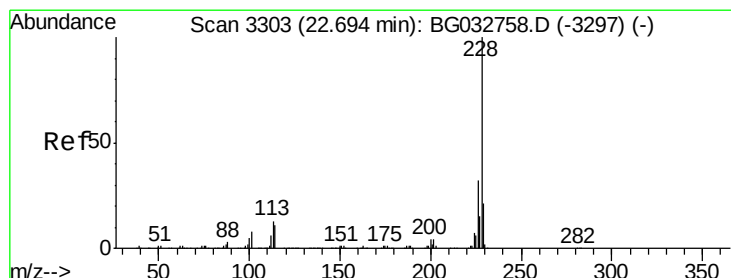
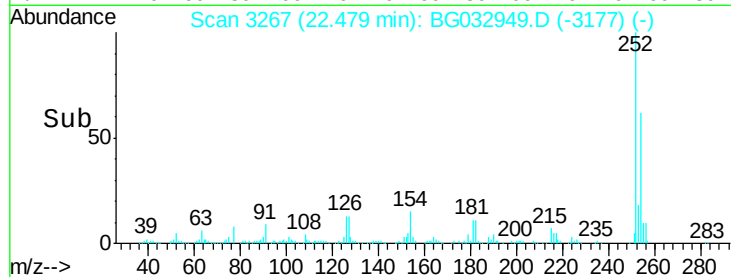
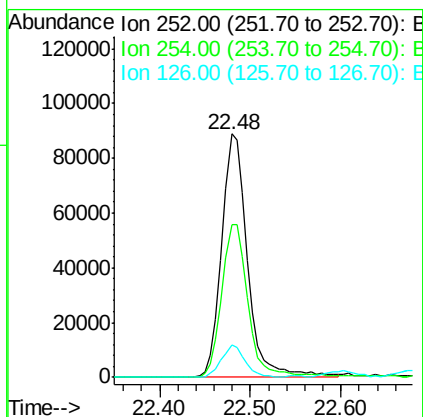
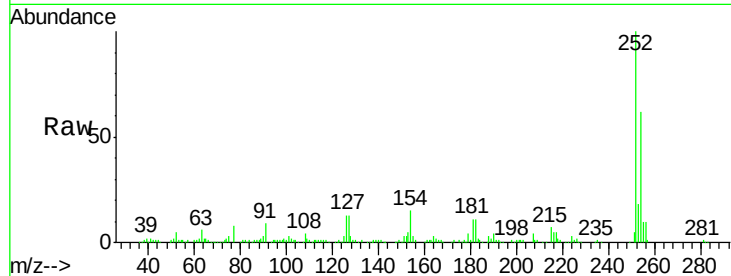
#81  
 3,3'-Dichlorobenzidine  
 Concen: 23.202 ng  
 RT: 22.48 min Scan# 3267  
 Delta R.T. 0.00 min  
 Lab File: BG032949.D  
 Acq: 2 Mar 2018 17:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.5  | 50.8  | 76.2  |
| 126     | 13.1  | 7.4   | 11.2  |

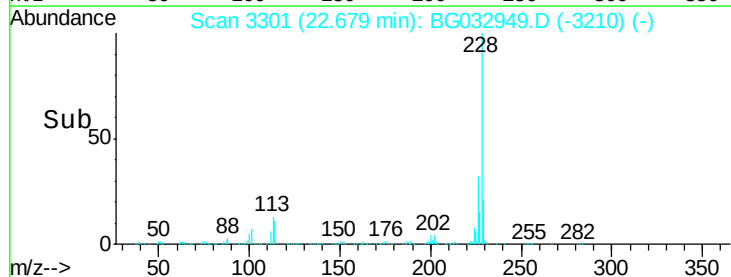
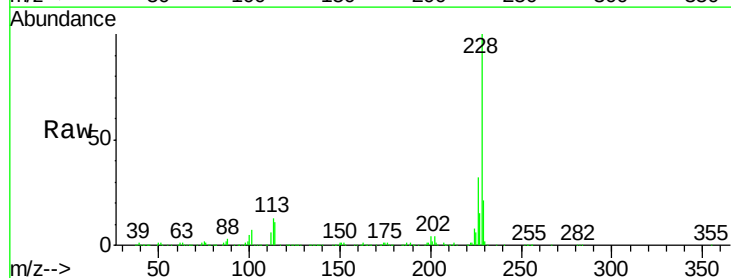
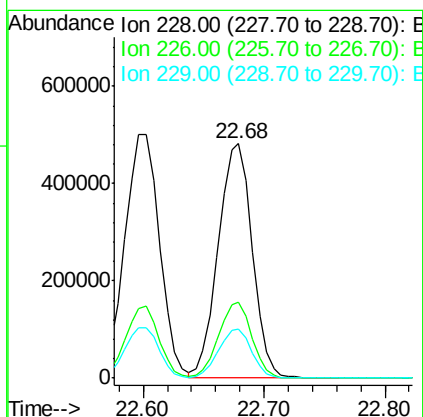
Manual Integrations  
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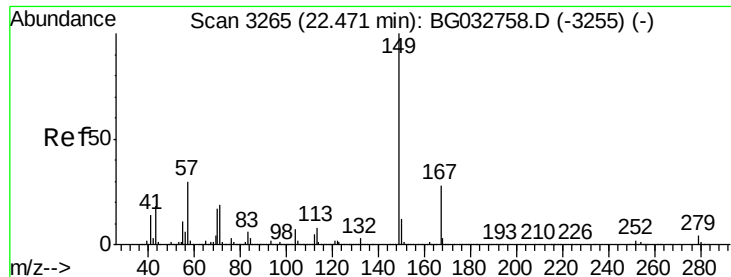
Sohil  
 3/5/2018 3:17:59 PM



#82  
 Chrysene  
 Concen: 47.699 ng  
 RT: 22.68 min Scan# 3301  
 Delta R.T. 0.01 min  
 Lab File: BG032949.D  
 Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.2  | 24.9  | 37.3  |
| 229     | 20.8  | 15.0  | 22.4  |





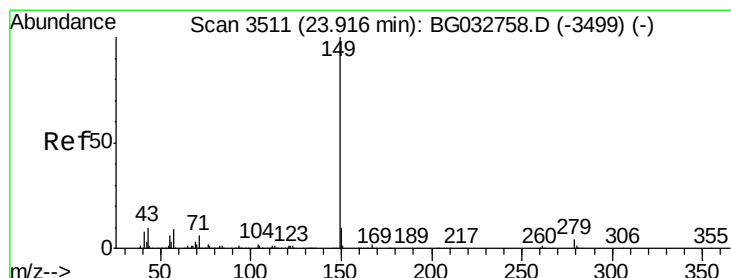
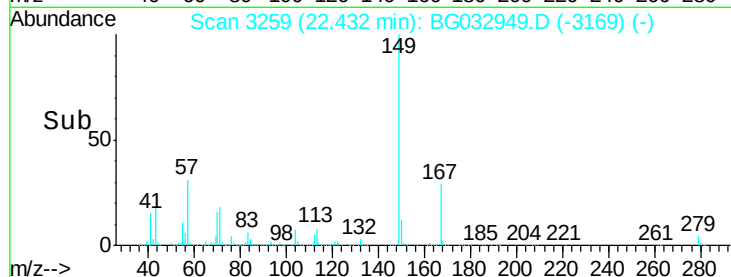
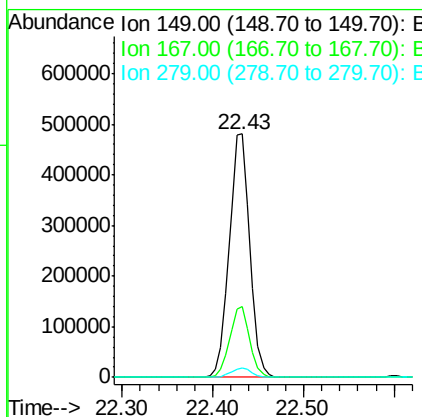
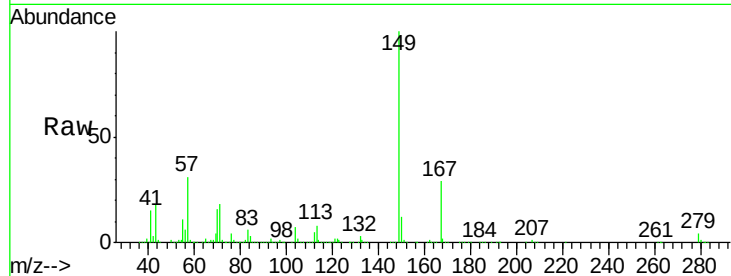
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 51.152 ng  
 RT: 22.43 min Scan# 3259  
 Delta R.T. 0.00 min  
 Lab File: BG032949.D  
 Acq: 2 Mar 2018 17:17

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.9  | 24.3  | 36.5  |
| 279     | 4.0   | 4.0   | 6.0   |

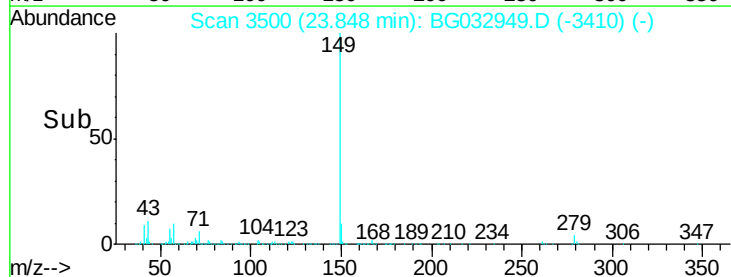
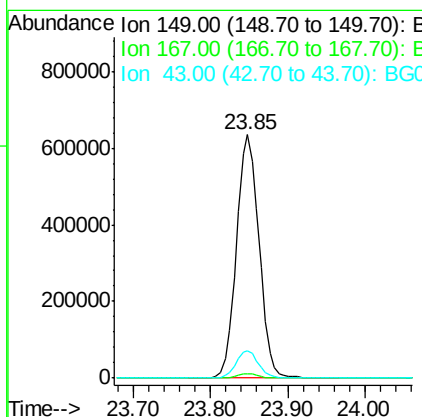
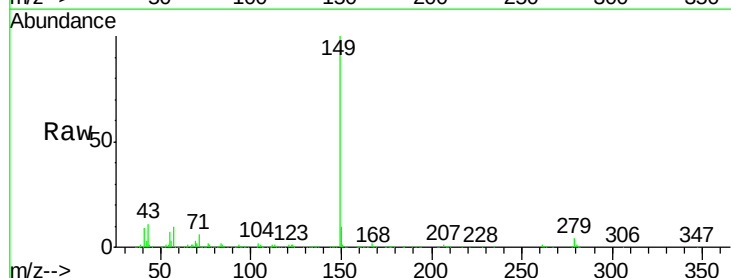
Manual Integrations  
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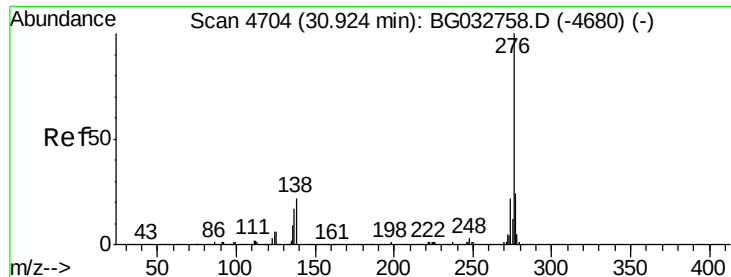
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#84  
 Di-n-octyl phthalate  
 Concen: 57.724 ng  
 RT: 23.85 min Scan# 3500  
 Delta R.T. 0.00 min  
 Lab File: BG032949.D  
 Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.4   | 2.0   |
| 43      | 11.1  | 8.9   | 13.3  |





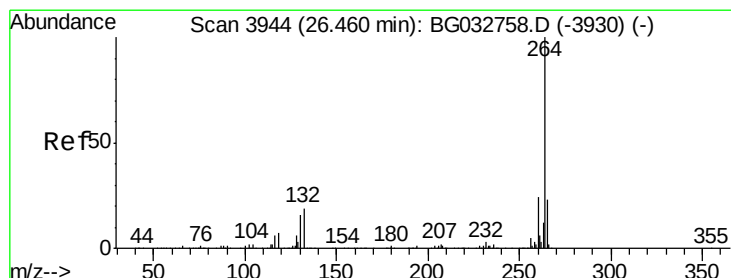
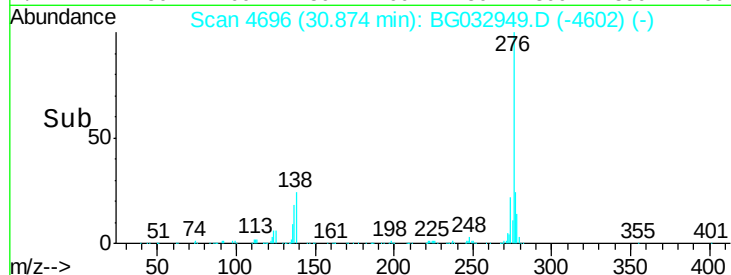
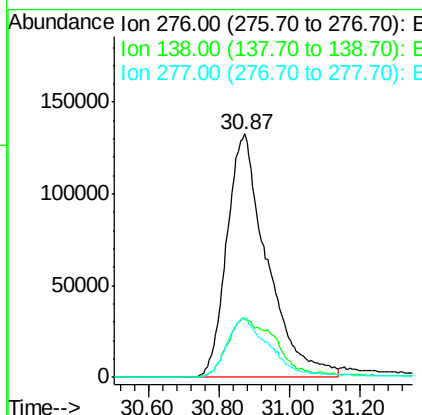
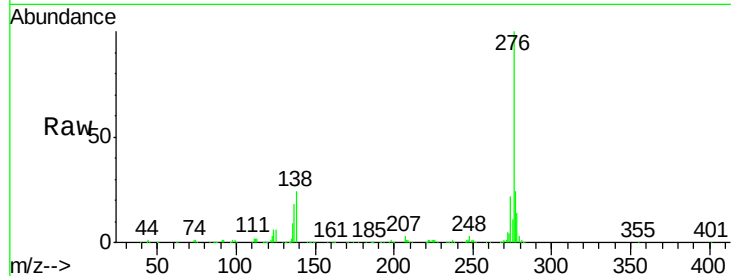
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 46.051 ng  
RT: 30.87 min Scan# 4696  
Delta R.T. 0.02 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

Tot Ion:276 Resp: 1053032  
Ion Ratio Lower Upper  
276 100  
138 28.9 16.0 24.0#  
277 25.3 20.0 30.0

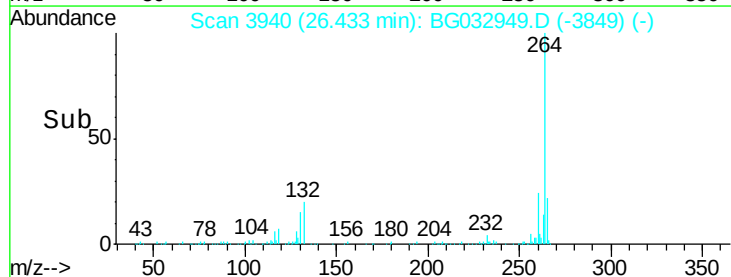
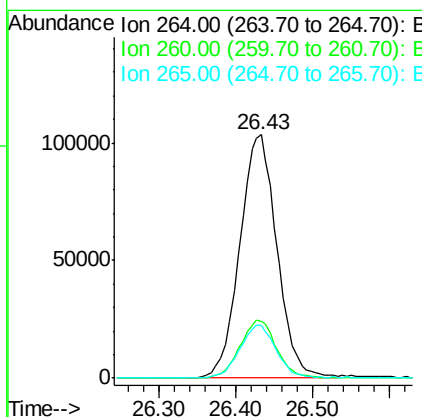
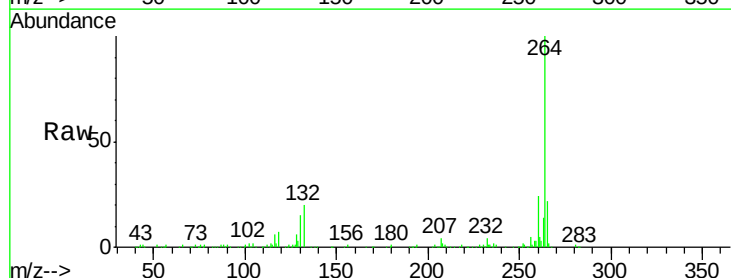
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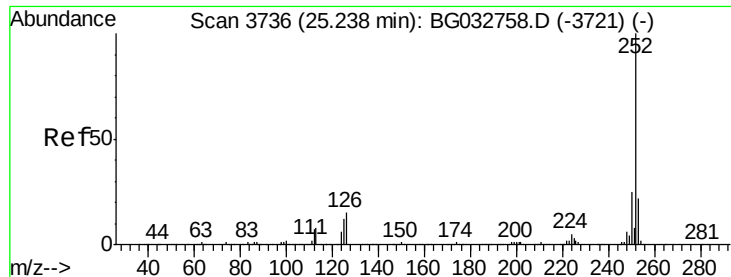
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 26.43 min Scan# 3940  
Delta R.T. 0.01 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Tgt Ion:264 Resp: 348645  
Ion Ratio Lower Upper  
264 100  
260 23.5 17.4 26.0  
265 21.7 17.7 26.5





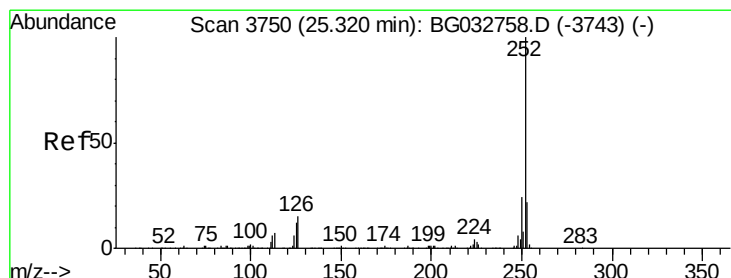
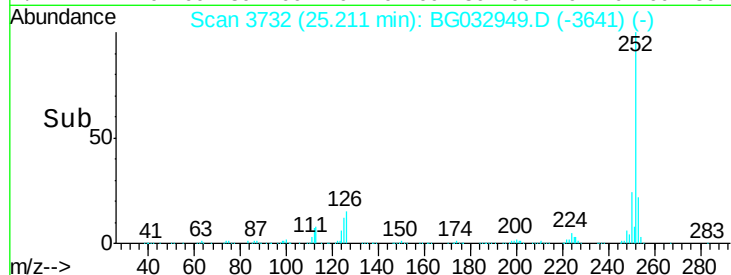
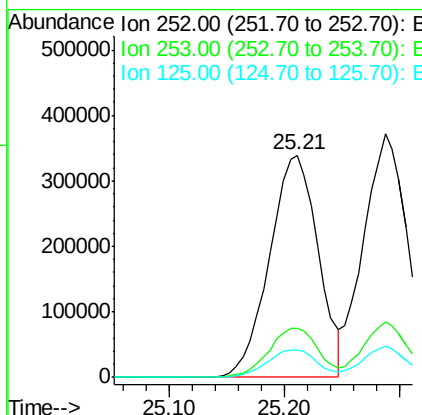
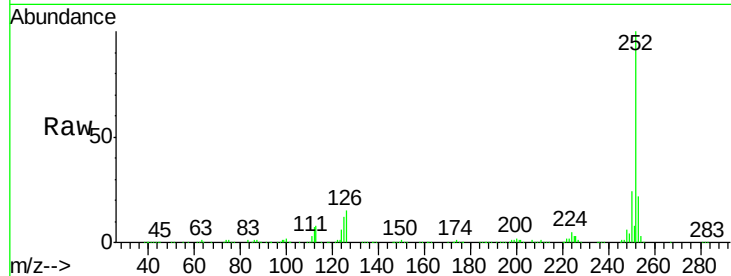
#87  
Benzo(b)fluoranthene  
Concen: 48.348 ng  
RT: 25.21 min Scan# 3732  
Delta R.T. 0.01 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.2  | 27.4  |
| 125     | 12.3  | 7.2   | 10.8  |

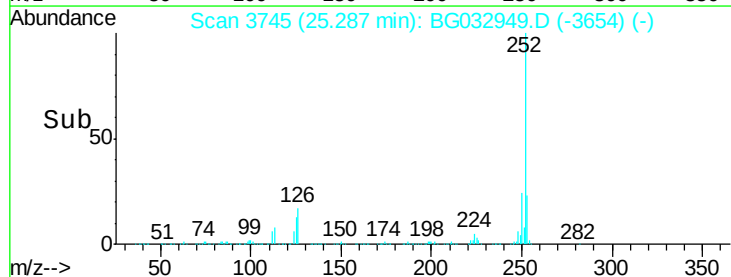
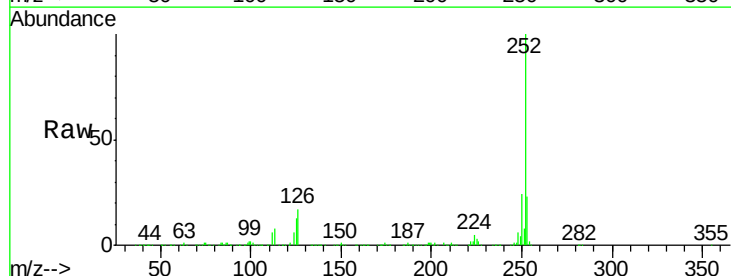
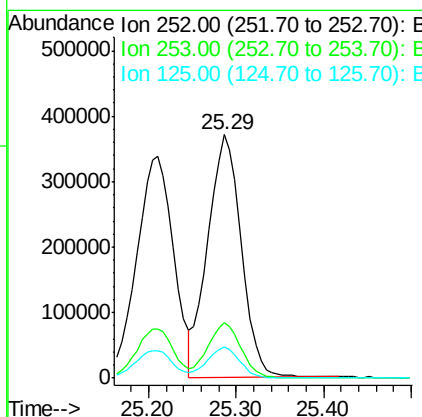
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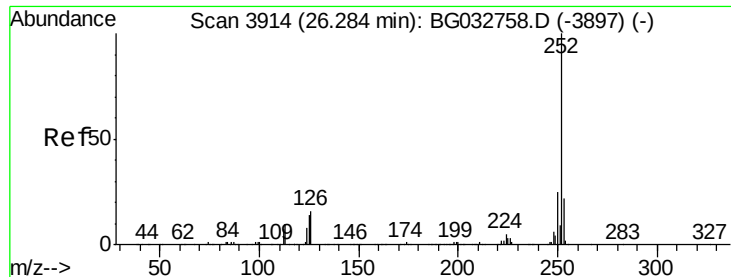


#88  
Benzo(k)fluoranthene  
Concen: 48.078 ng  
RT: 25.29 min Scan# 3745  
Delta R.T. 0.01 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 17.4  | 26.2  |
| 125     | 12.6  | 6.6   | 9.8   |







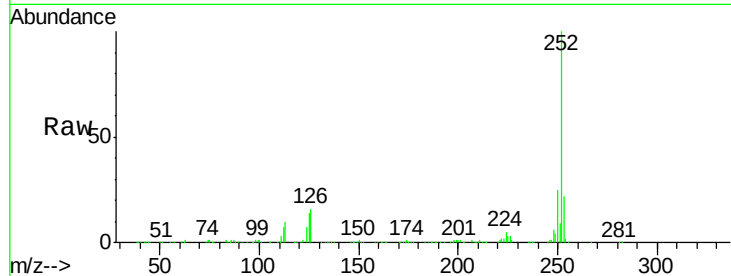
#89  
Benzo(a)pyrene  
Concen: 49.548 ng  
RT: 26.25 min Scan# 3909  
Delta R.T. 0.00 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

Instrument :  
BNA\_G  
ClientSampleId :  
JC-02-030118-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.3  | 27.5  |
| 125     | 13.9  | 7.3   | 10.9# |

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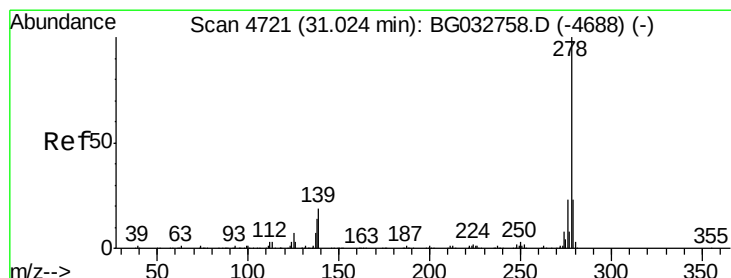
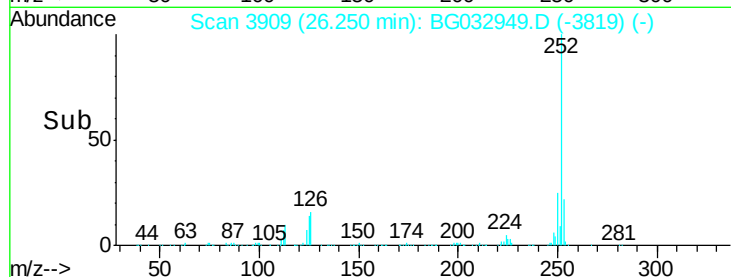
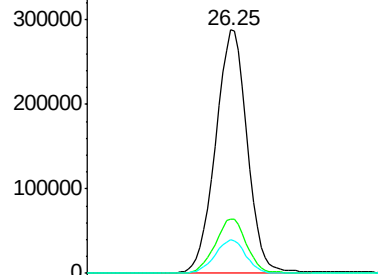


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90  
Dibenzo(a,h)anthracene  
Concen: 44.502 ng  
RT: 30.94 min Scan# 4708  
Delta R.T. 0.01 min  
Lab File: BG032949.D  
Acq: 2 Mar 2018 17:17

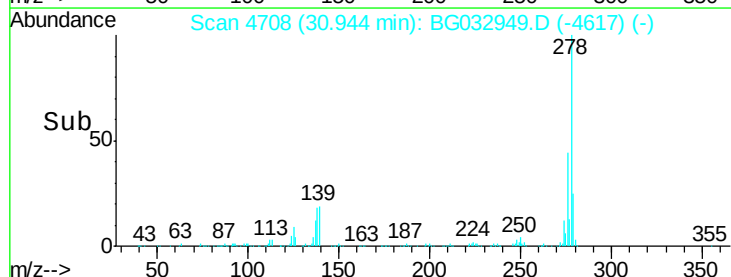
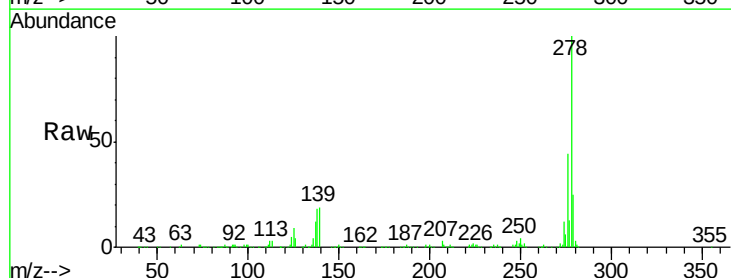
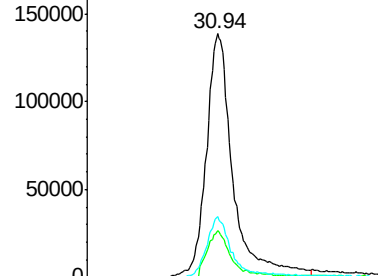
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.2  | 9.8   | 14.6# |
| 279     | 24.9  | 18.4  | 27.6  |

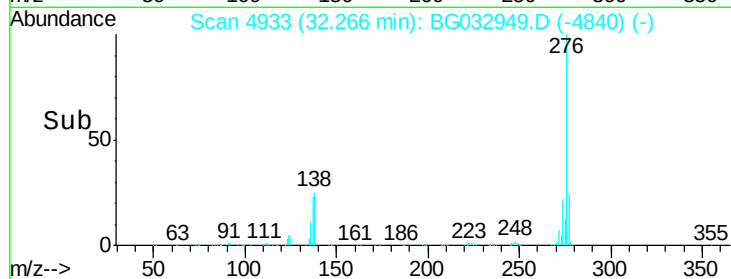
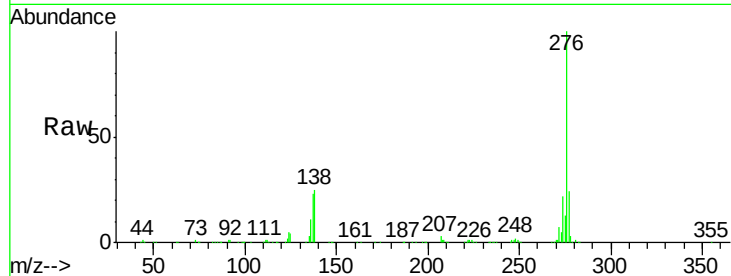
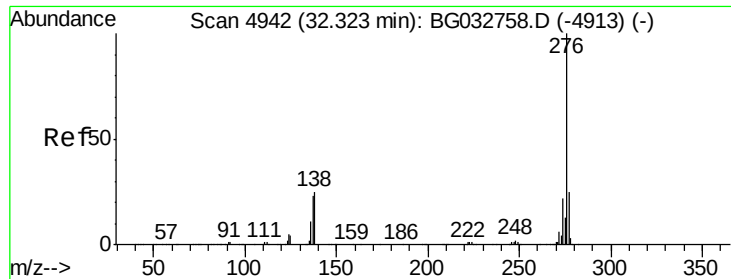
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.667 ng

RT: 32.27 min Scan# 4933

Delta R.T. 0.02 min

Lab File: BG032949.D

Acq: 2 Mar 2018 17:17

Instrument :

BNA\_G

ClientSampleId :

JC-02-030118-AMS

Tot Ion: 276 Resp: 888453

Ion Ratio Lower Upper

276 100

277 24.3 18.3 27.5

138 25.2 13.9 20.9#

Manual Integrations

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