

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\  
 Data File : BF104188.D  
 Acq On : 3 Apr 2018 19:19  
 Operator : JU/SJ  
 Sample : J2182-12MSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 6-WM-DIP-6-EW(2.5-5)MSD

Manual Integrations  
 APPROVED

Sohil  
 4/4/2018 4:09:43 PM

Quant Time: Apr 04 01:24:21 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 03 15:22:43 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.96  | 152  | 103355   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.25  | 136  | 418956   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.00 | 164  | 191534   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.50 | 188  | 326788   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.16 | 240  | 213012   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.69 | 264  | 225431   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 734871 | 113.39 | ng | 0.01 |
| 7) Phenol-d6             | 6.60  | 99  | 906714 | 113.72 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.53  | 82  | 521805 | 76.17  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 237001 | 111.13 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.32  | 172 | 948683 | 78.11  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.08 | 244 | 842728 | 91.35  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.85 | 88  | 96985  | 34.697 | ng | # 87   |
| 3) Pyridine                    | 3.65 | 79  | 215494 | 30.453 | ng | # 86   |
| 4) n-Nitrosodimethylamine      | 3.62 | 42  | 62544  | 29.736 | ng | # 76   |
| 6) Aniline                     | 6.63 | 93  | 97731  | 10.239 | ng | # 46   |
| 8) 2-Chlorophenol              | 6.75 | 128 | 301961 | 42.474 | ng | 94     |
| 9) Benzaldehyde                | 6.52 | 77  | 69163  | 13.535 | ng | 93     |
| 10) Phenol                     | 6.62 | 94  | 350777 | 39.705 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.70 | 93  | 231483 | 30.406 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 6.90 | 146 | 298221 | 37.317 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.97 | 146 | 336953 | 39.351 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.13 | 146 | 300355 | 39.025 | ng | 100    |
| 15) Benzyl Alcohol             | 7.10 | 79  | 210623 | 40.627 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.22 | 45  | 315414 | 38.029 | ng | # 44   |
| 17) 2-Methylphenol             | 7.22 | 107 | 228665 | 39.519 | ng | # 88   |
| 18) Hexachloroethane           | 7.46 | 117 | 111806 | 38.998 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70  | 191421 | 40.453 | ng | 89     |
| 20) 3+4-Methylphenols          | 7.37 | 107 | 306356 | 41.485 | ng | # 53   |
| 22) Acetophenone               | 7.37 | 105 | 411431 | 40.589 | ng | # 97   |
| 24) Nitrobenzene               | 7.55 | 77  | 270575 | 37.538 | ng | 96     |
| 25) Isophorone                 | 7.77 | 82  | 527834 | 41.808 | ng | 99     |
| 26) 2-Nitrophenol              | 7.86 | 139 | 159446 | 42.377 | ng | 89     |
| 27) 2,4-Dimethylphenol         | 7.89 | 122 | 259011 | 47.732 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.98 | 93  | 337324 | 42.630 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.10 | 162 | 243614 | 42.982 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.18 | 180 | 257336 | 40.016 | ng | 98     |
| 31) Naphthalene                | 8.26 | 128 | 881632 | 43.075 | ng | 99     |
| 32) Benzoic acid               | 8.00 | 122 | 47089  | 11.846 | ng | # 87   |
| 33) 4-Chloroaniline            | 8.34 | 127 | 54424  | 6.307  | ng | 93     |
| 34) Hexachlorobutadiene        | 8.37 | 225 | 137948 | 39.420 | ng | 98     |
| 35) Caprolactam                | 8.69 | 113 | 71576m | 39.827 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.80 | 107 | 256495 | 42.785 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.96 | 142 | 557638 | 41.362 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 245344 | 41.772 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.10 | 237 | 114619 | 44.054 | ng | 99     |

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 6-WM-DIP-6-EW(2.5-5)MSD

Manual Integrations  
 APPROVED

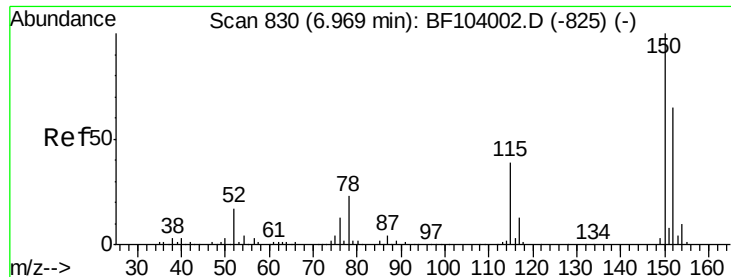
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 4/4/2018 4:09:43 PM

Quant Time: Apr 04 01:24:21 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 03 15:22:43 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.24  | 196  | 154128   | 41.442 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.29  | 196  | 181293   | 40.372 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 9.42  | 154  | 674011   | 41.001 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.45  | 162  | 530239   | 40.891 | nq    | 100      |
| 47) 2-Nitroaniline             | 9.55  | 65   | 145758   | 39.420 | nq    | 93       |
| 48) Acenaphthylene             | 9.86  | 152  | 764649   | 38.924 | nq    | 99       |
| 49) Dimethylphthalate          | 9.72  | 163  | 697564   | 46.128 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.79  | 165  | 132302   | 40.666 | nq    | 95       |
| 51) Acenaphthene               | 10.03 | 154  | 446575   | 39.296 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.97  | 138  | 52895    | 14.143 | nq    | 96       |
| 53) 2,4-Dinitrophenol          | 10.09 | 184  | 30842    | 25.775 | nq #  | 39       |
| 54) Dibenzofuran               | 10.21 | 168  | 684390   | 41.240 | nq    | 99       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 143677   | 64.071 | nq    | 97       |
| 56) 2,4-Dinitrotoluene         | 10.20 | 165  | 162685   | 39.187 | nq #  | 95       |
| 57) Fluorene                   | 10.56 | 166  | 551023   | 40.252 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 144939   | 43.080 | nq #  | 86       |
| 59) Diethylphthalate           | 10.41 | 149  | 571362   | 39.440 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204  | 258982   | 41.191 | nq    | 94       |
| 61) 4-Nitroaniline             | 10.59 | 138  | 106265   | 30.366 | nq    | 95       |
| 62) Azobenzene                 | 10.70 | 77   | 500140   | 38.180 | nq    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 10.61 | 198  | 50204    | 25.380 | nq    | 86       |
| 65) n-Nitrosodiphenylamine     | 10.66 | 169  | 477343   | 43.131 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.03 | 248  | 147760   | 42.264 | nq #  | 89       |
| 67) Hexachlorobenzene          | 11.10 | 284  | 163703   | 40.705 | nq #  | 88       |
| 68) Atrazine                   | 11.19 | 200  | 144681   | 42.672 | nq    | 98       |
| 69) Pentachlorophenol          | 11.30 | 266  | 139540   | 63.054 | nq    | 96       |
| 70) Phenanthrene               | 11.52 | 178  | 874261   | 49.414 | nq    | 99       |
| 71) Anthracene                 | 11.57 | 178  | 824931   | 44.638 | nq    | 99       |
| 72) Carbazole                  | 11.73 | 167  | 725672   | 41.142 | nq    | 100      |
| 73) Di-n-butylphthalate        | 12.04 | 149  | 835997   | 39.791 | nq    | 99       |
| 74) Fluoranthene               | 12.72 | 202  | 926233   | 49.251 | nq    | 98       |
| 76) Benzidine                  | 12.85 | 184  | 186448   | 30.715 | nq    | 96       |
| 77) Pyrene                     | 12.95 | 202  | 869577   | 56.789 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.55 | 149  | 304173   | 42.163 | nq    | 96       |
| 80) Benzo(a)anthracene         | 14.14 | 228  | 621939   | 46.662 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.10 | 252  | 105522   | 23.918 | nq    | 99       |
| 82) Chrysene                   | 14.18 | 228  | 635883   | 48.709 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.10 | 149  | 404130   | 43.356 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 14.72 | 149  | 676775   | 42.209 | nq #  | 94       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.30 | 276  | 710332   | 52.508 | nq    | 95       |
| 87) Benzo(b)fluoranthene       | 15.23 | 252  | 595162   | 43.381 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 15.27 | 252  | 587442   | 45.454 | nq    | 98       |
| 89) Benzo(a)pyrene             | 15.63 | 252  | 584271   | 45.956 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.30 | 278  | 549958   | 46.786 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.78 | 276  | 616351   | 52.350 | nq    | 95       |

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





#1

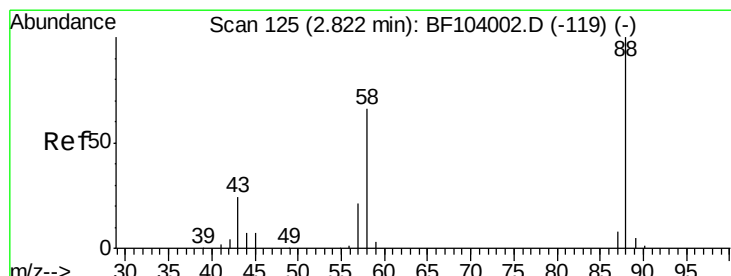
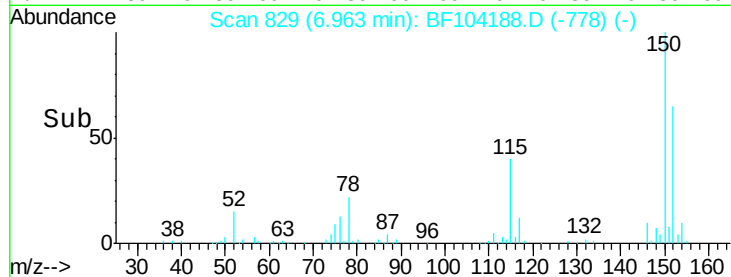
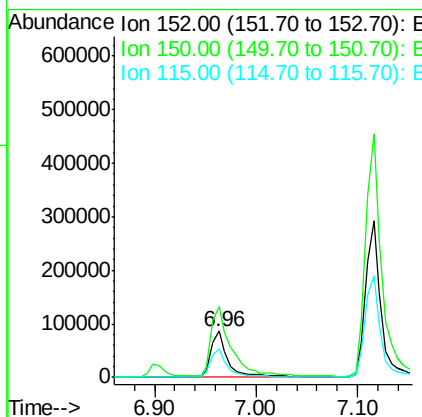
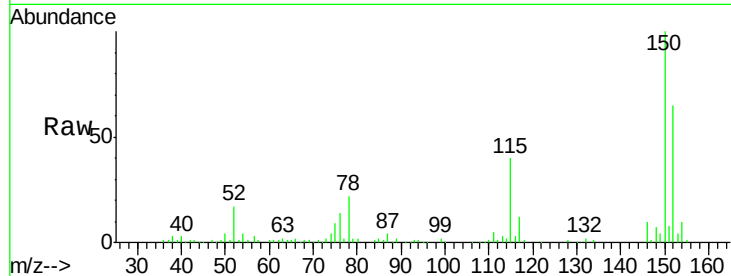
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.96 min Scan# 829  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.2 | 124.6 | 186.8 |
| 115     | 61.4  | 50.1  | 75.1  |

Manual Integrations  
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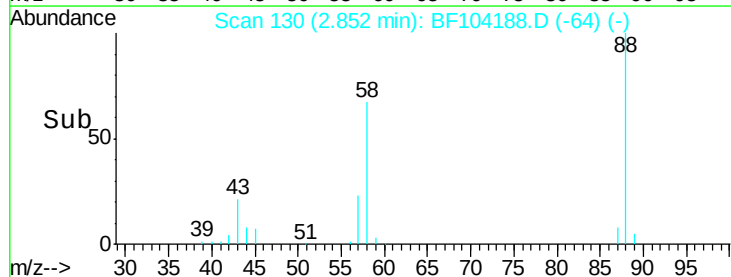
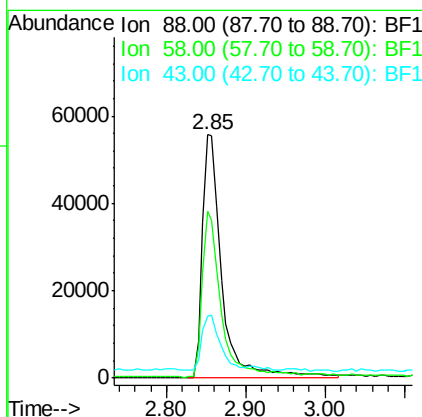
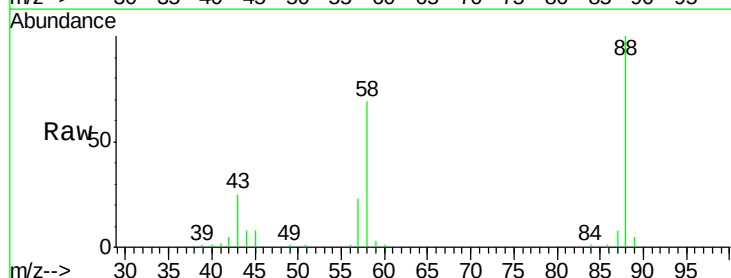
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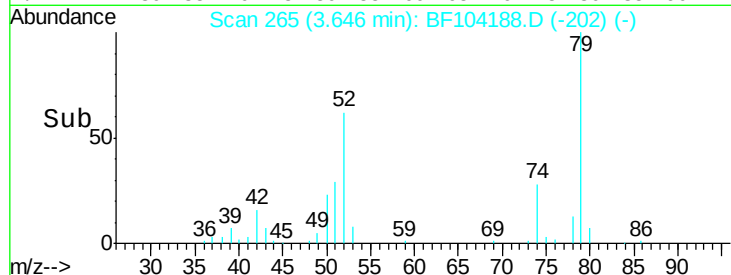
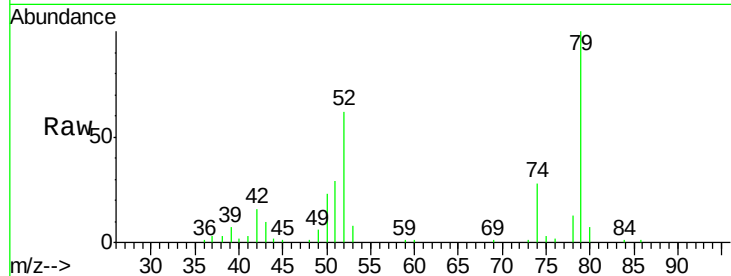
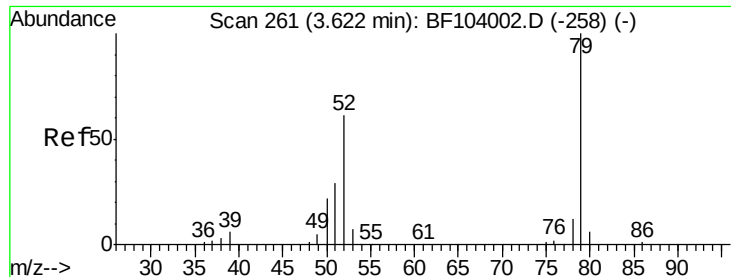


#2

1,4-Dioxane  
Concen: 34.697 ng  
RT: 2.85 min Scan# 130  
Delta R.T. 0.09 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 68.1  | 62.6  | 93.8  |
| 43      | 20.9  | 24.6  | 37.0  |





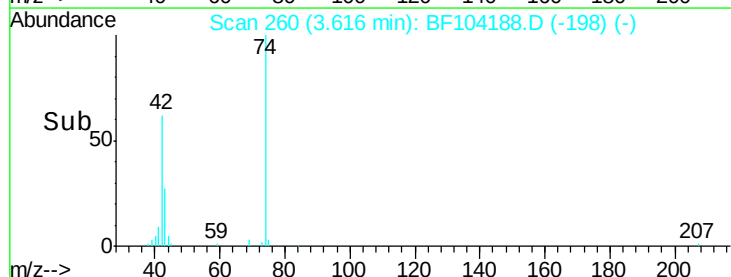
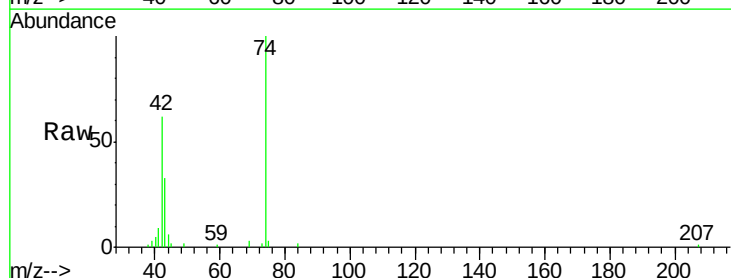
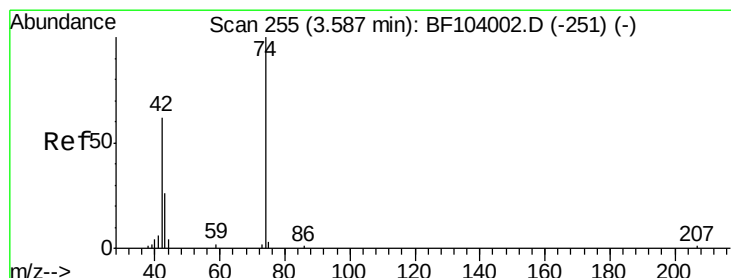
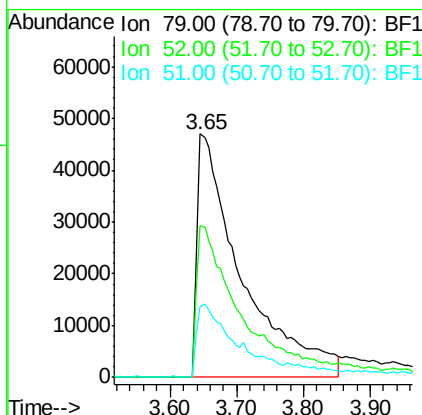
#3  
 Pvridine  
 Concen: 30.453 ng  
 RT: 3.65 min Scan# 265  
 Delta R.T. 0.07 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 215494 |       |       |
| 52      | 62.1  |        | 59.8  | 89.6  |
| 51      | 29.1  |        | 29.8  | 44.8# |

Instrument :  
 BNA\_F  
 ClientSampleId :  
 6-WM-DIP-6-EW(2.5-5)MSD

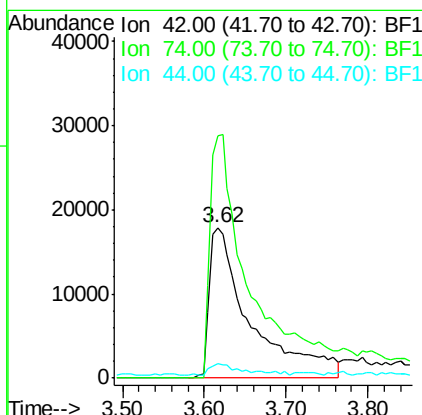
Manual Integrations  
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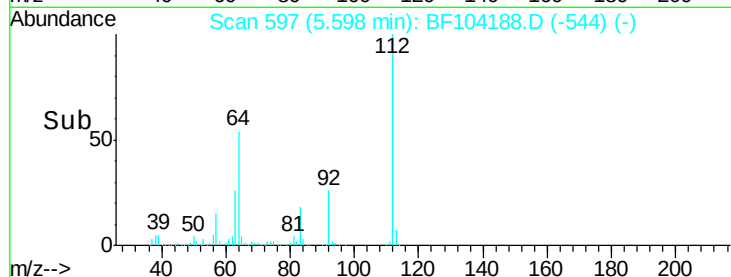
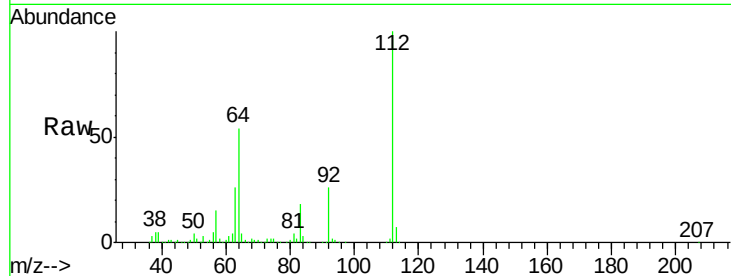
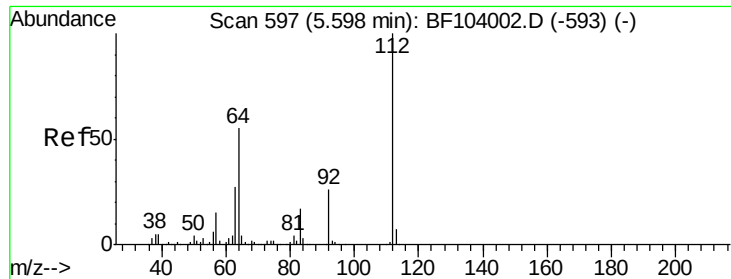
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 4/4/2018 4:09:43 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 29.736 ng  
 RT: 3.62 min Scan# 260  
 Delta R.T. 0.06 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Resp  | Lower | Upper  |
|---------|-------|-------|-------|--------|
| 42      | 100   | 62544 |       |        |
| 74      | 160.6 |       | 104.9 | 157.3# |
| 44      | 9.3   |       | 6.9   | 10.3   |





#5

2-Fluorophenol

Concen: 113.389 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 734871 |       |       |
| 64      | 53.6 | 47.9  | 71.9   |       |       |
| 63      | 26.3 | 23.7  | 35.5   |       |       |

Instrument :

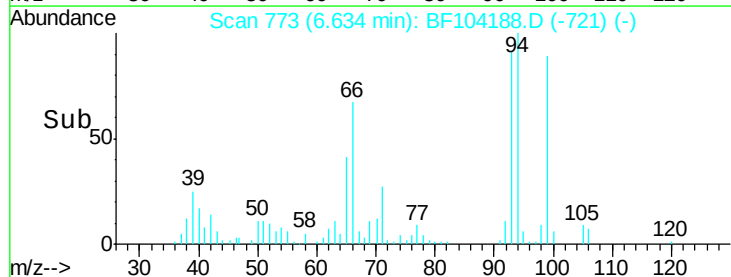
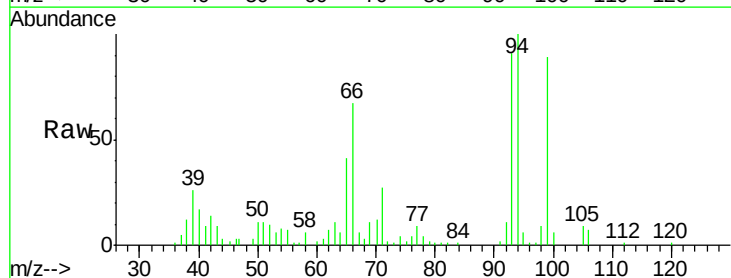
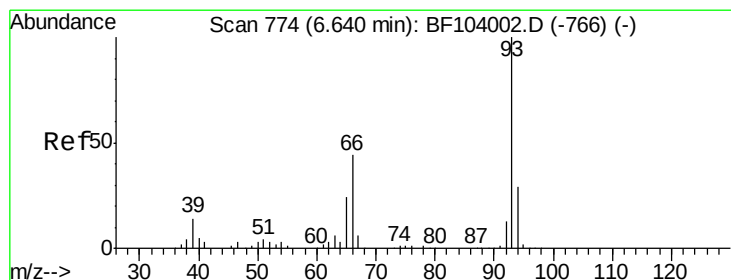
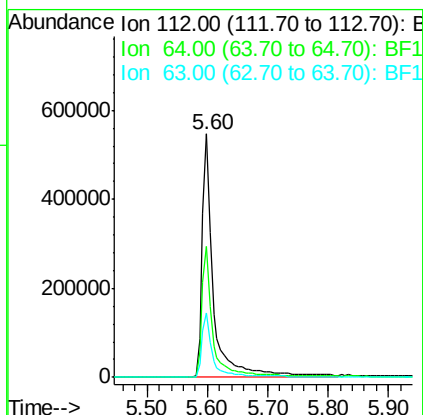
BNA\_F

ClientSampleId :

6-WM-DIP-6-EW(2.5-5)MSD

Manual Integrations  
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#6

Aniline

Concen: 10.239 ng

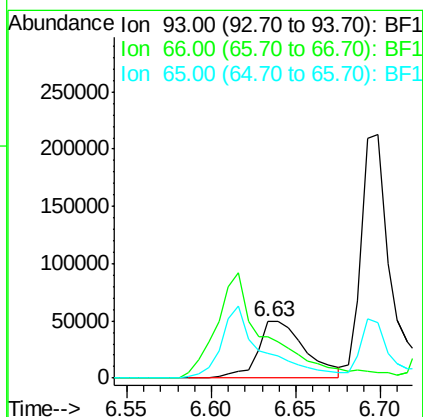
RT: 6.63 min Scan# 773

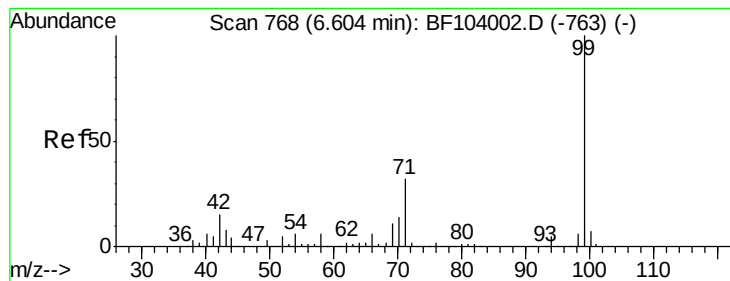
Delta R.T. 0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 93      | 100  |       | 97731 |       |       |
| 66      | 73.9 | 32.2  | 48.2# |       |       |
| 65      | 44.7 | 16.4  | 24.6# |       |       |





#7

Phenol-d6

Concen: 113.715 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA\_F

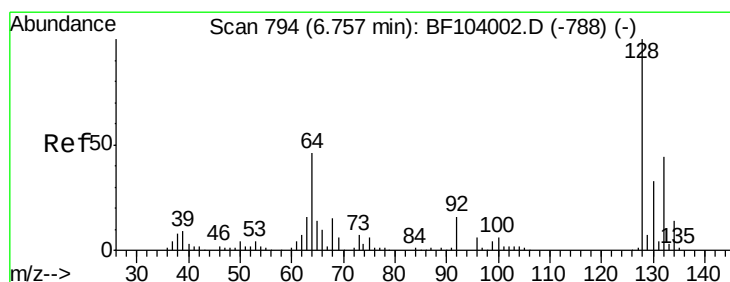
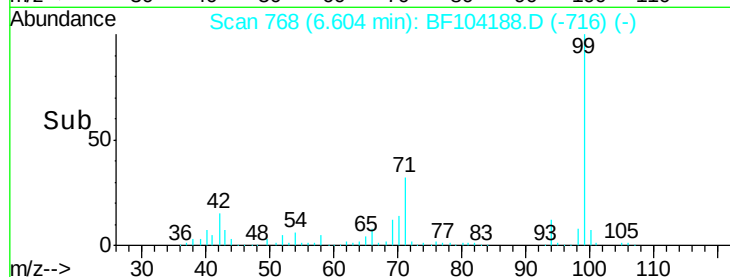
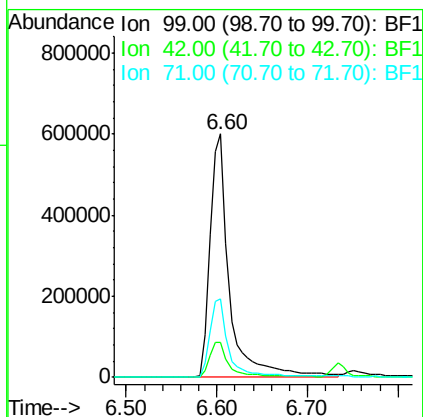
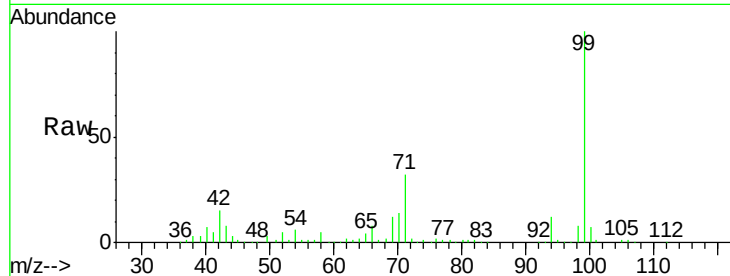
ClientSampleId :

6-WM-DIP-6-EW(2.5-5)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 906714 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 14.6  | 14.5  | 21.7   |
| 71        | 32.0  | 25.4  | 38.0   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 42.474 ng

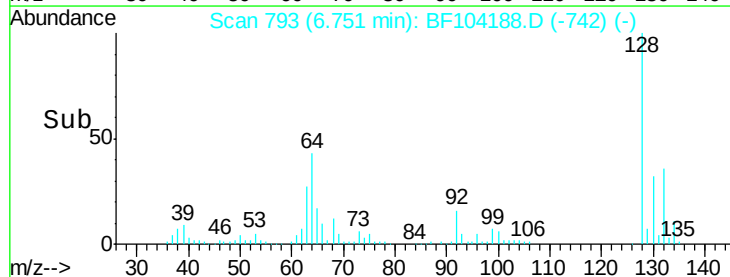
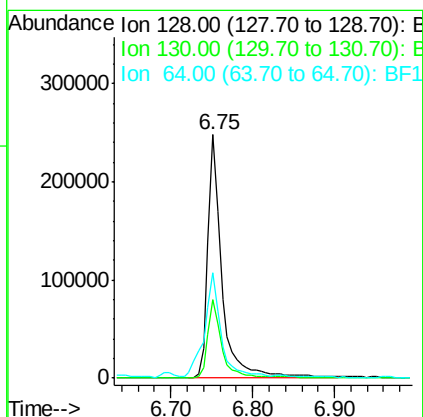
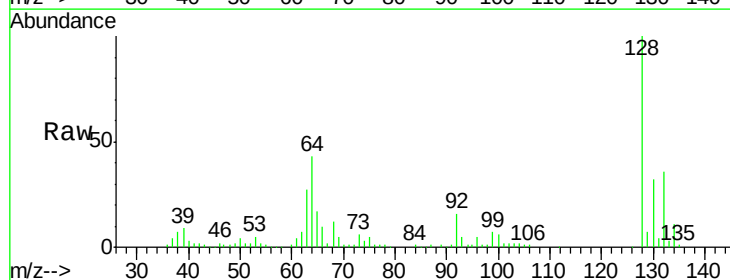
RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

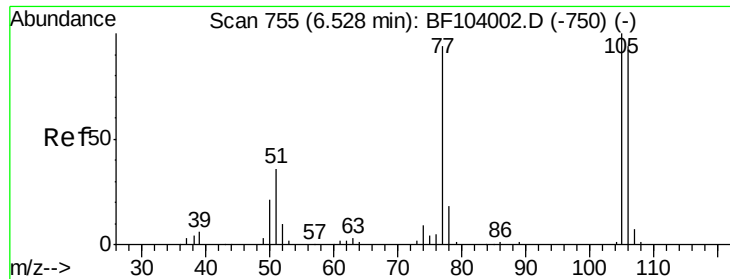
Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 301961 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.2  | 13.0  | 53.0   |
| 64        | 43.2  | 29.4  | 69.4   |







#9

Benzaldehyde

Concen: 13.535 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA\_F

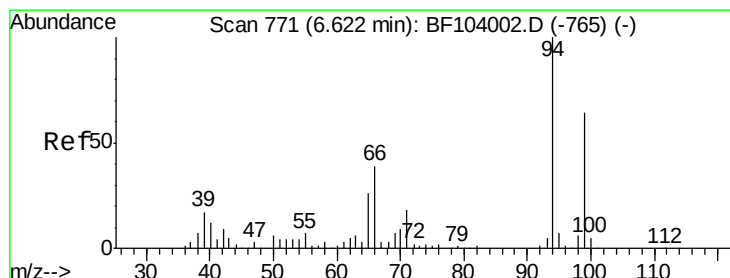
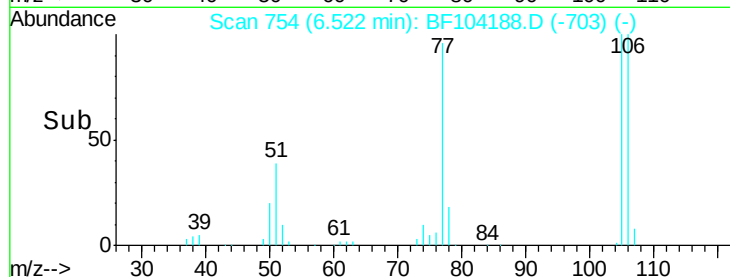
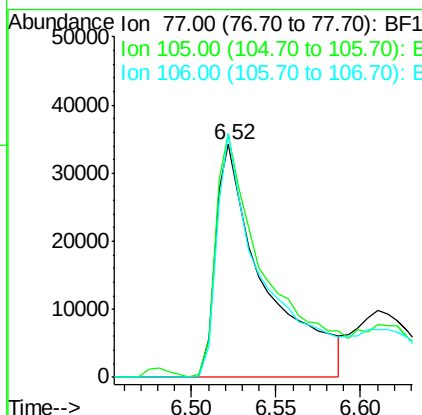
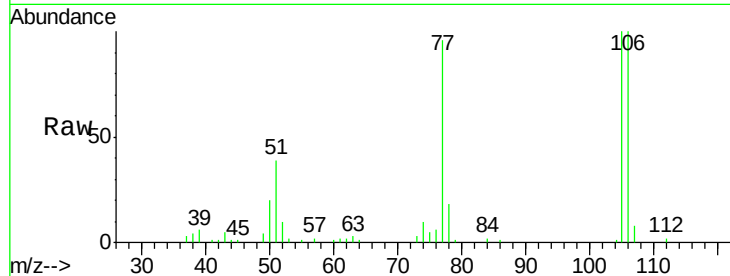
ClientSampleId :

6-WM-DIP-6-EW(2.5-5)MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 69163 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 104.4 | 81.1  | 121.1 |
| 106      | 104.2 | 74.5  | 114.5 |

Manual Integrations  
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#10

Phenol

Concen: 39.705 ng

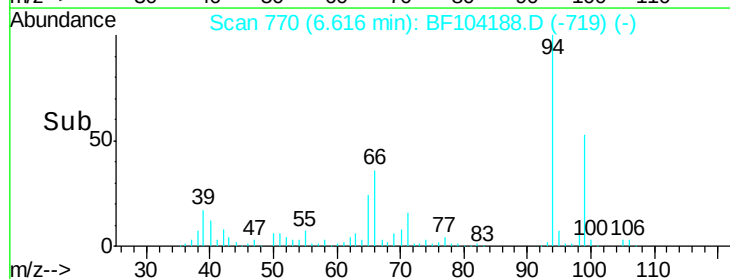
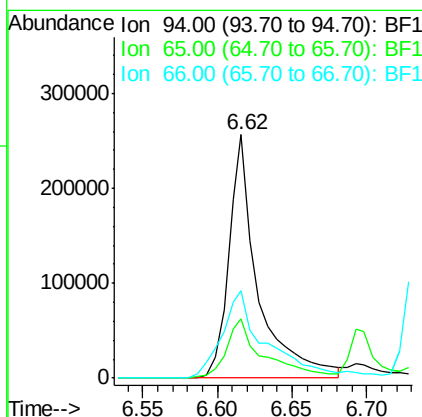
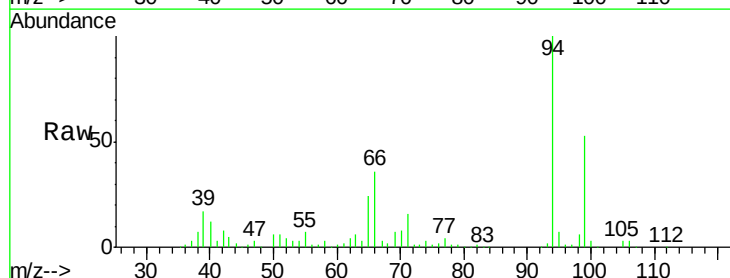
RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

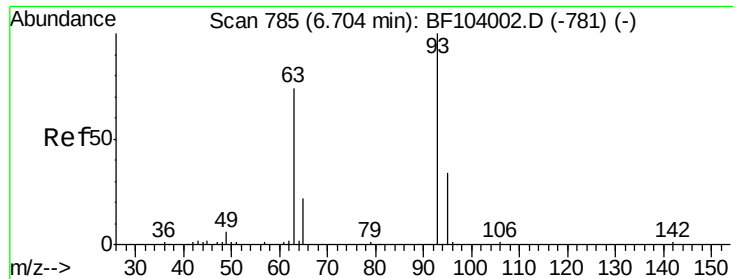
Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 350777 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 24.5  | 7.9   | 47.9   |
| 66       | 36.1  | 16.2  | 56.2   |







#11

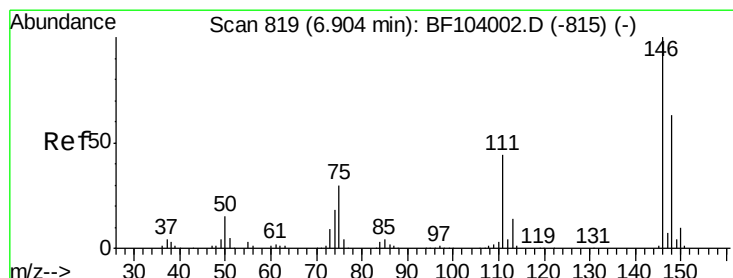
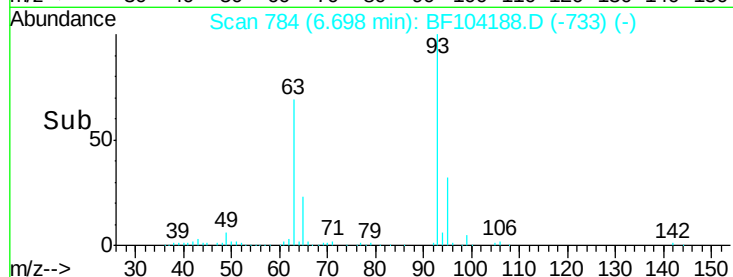
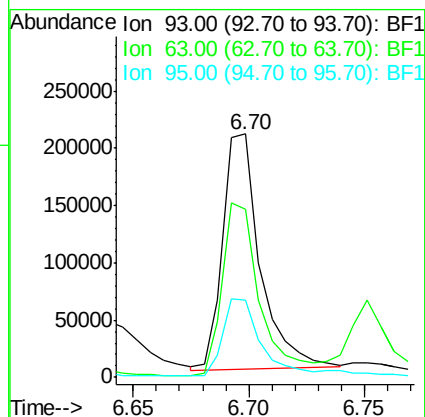
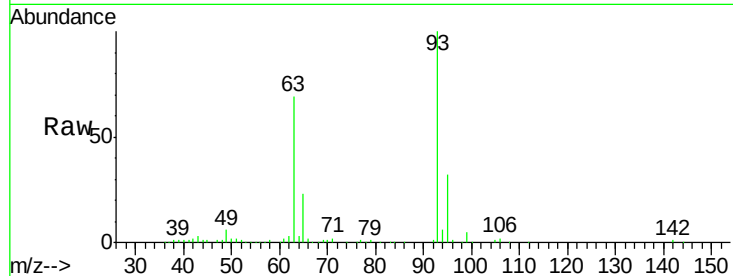
bis(2-Chloroethyl)ether  
Concen: 30.406 ng  
RT: 6.70 min Scan# 784  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion   | 93    | Resp  | 231483 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 68.9  | 58.6  | 98.6   |
| 95        | 31.7  | 11.8  | 51.8   |

Manual Integrations  
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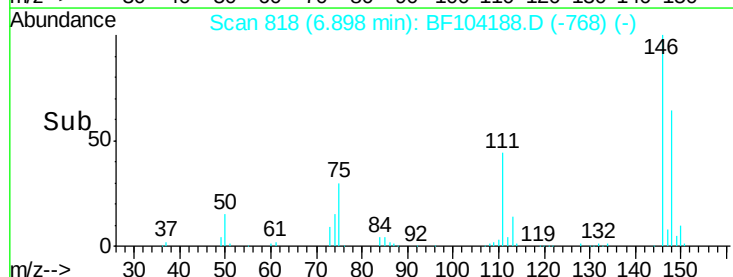
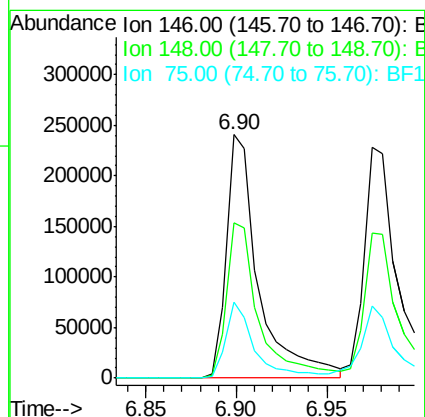
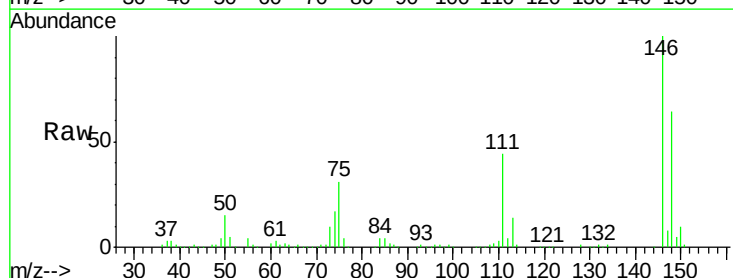
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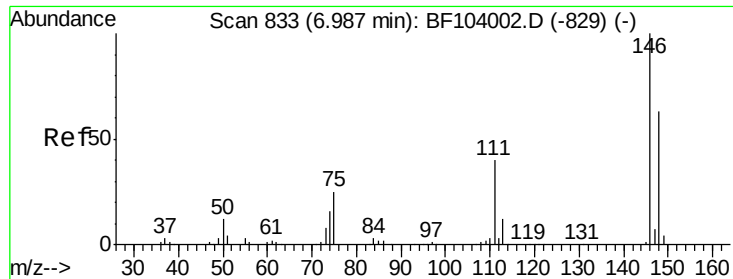


#12

1,3-Dichlorobenzene  
Concen: 37.317 ng  
RT: 6.90 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion   | 146   | Resp  | 298221 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.9  | 51.8  | 77.8   |
| 75        | 30.9  | 24.2  | 36.4   |





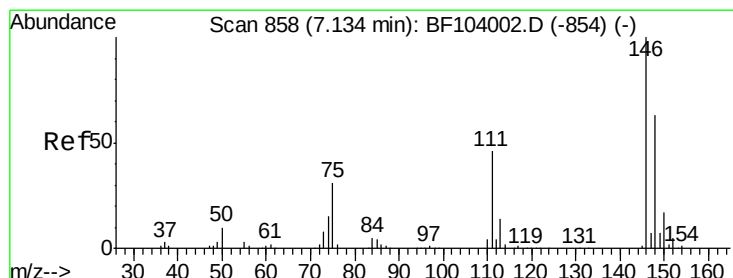
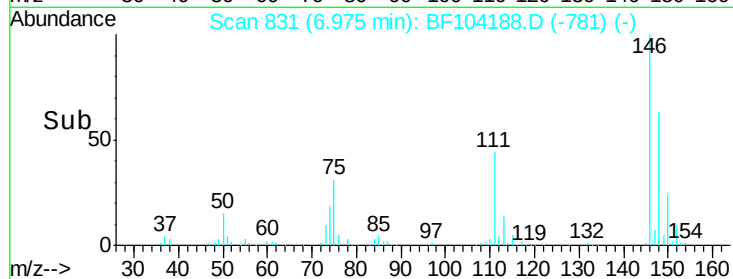
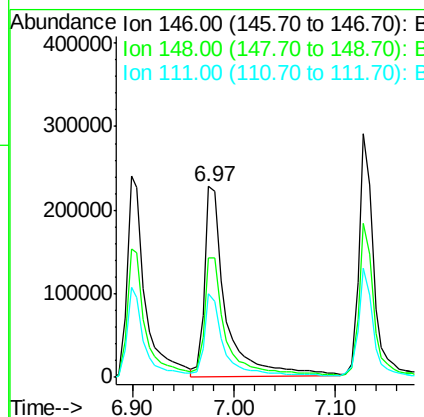
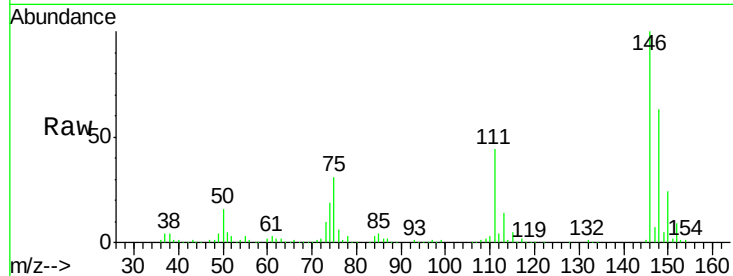
#13  
 1,4-Dichlorobenzene  
 Concen: 39.351 ng  
 RT: 6.97 min Scan# 831  
 Delta R.T. -0.01 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.9  | 50.8  | 76.2  |
| 111     | 44.0  | 34.2  | 51.2  |

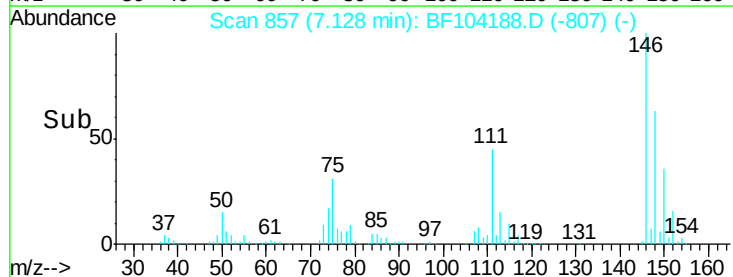
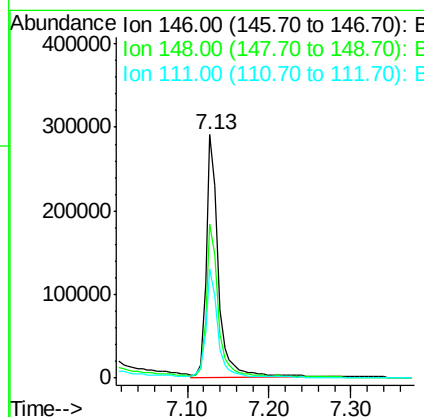
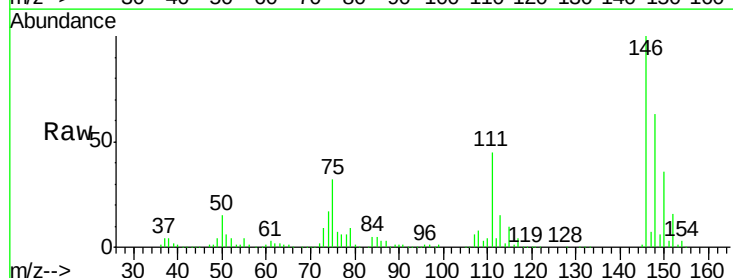
Manual Integrations  
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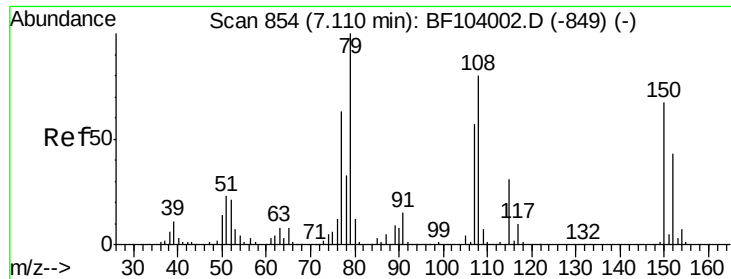
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#14  
 1,2-Dichlorobenzene  
 Concen: 39.025 ng  
 RT: 7.13 min Scan# 857  
 Delta R.T. -0.01 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.4  | 50.6  | 75.8  |
| 111     | 44.7  | 36.0  | 54.0  |





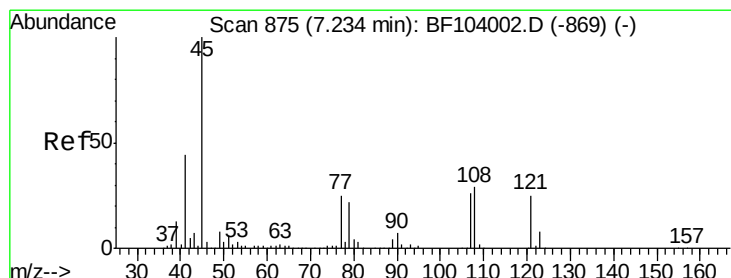
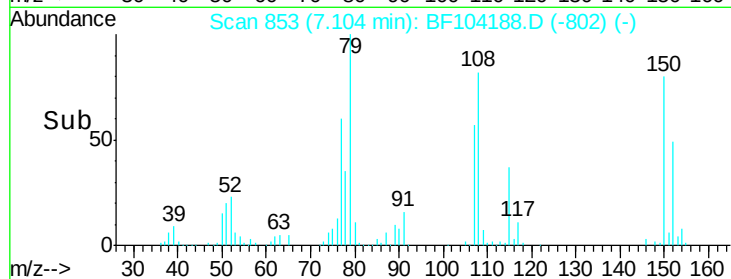
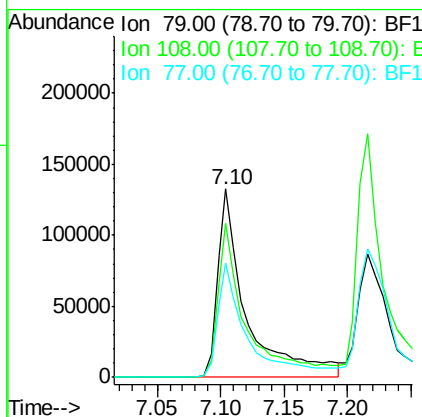
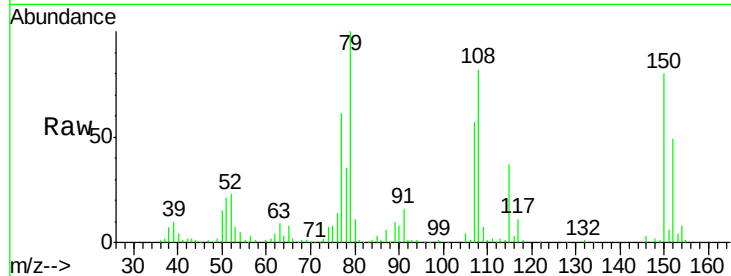
#15  
Benzyl Alcohol  
Concen: 40.627 ng  
RT: 7.10 min Scan# 853  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 82.1  | 65.1  | 97.7  |
| 77      | 61.0  | 50.6  | 75.8  |

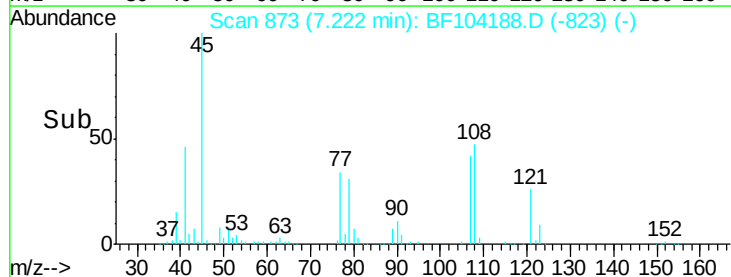
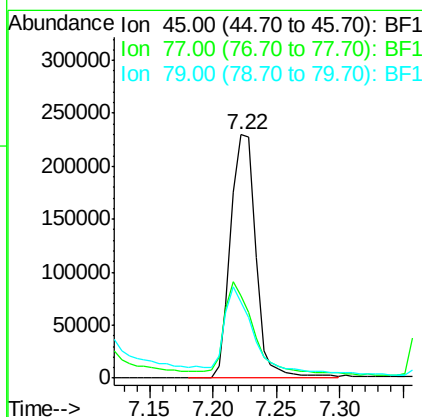
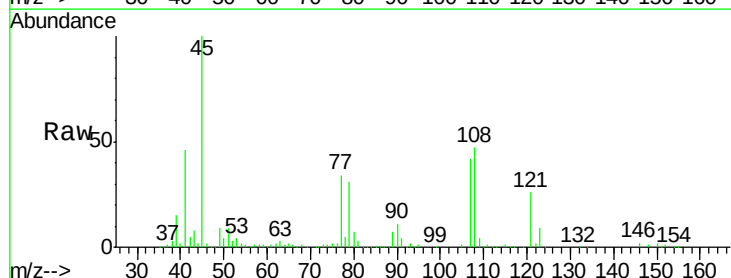
Manual Integrations  
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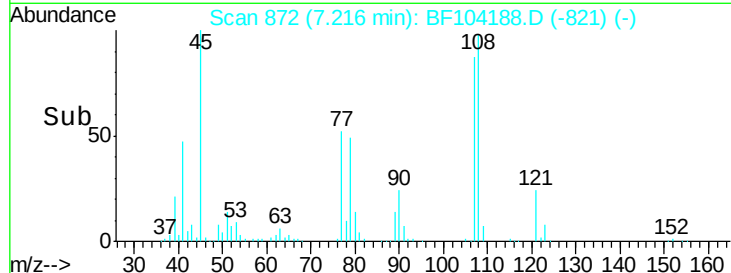
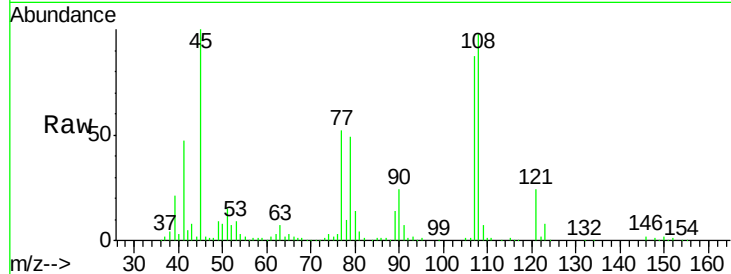
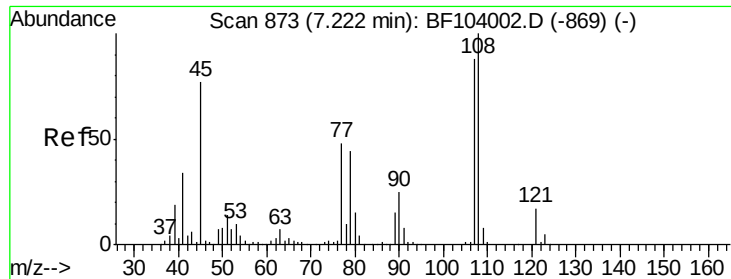
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.029 ng  
RT: 7.22 min Scan# 873  
Delta R.T. -0.01 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 34.1  | 0.0   | 32.9# |
| 79      | 31.1  | 0.0   | 29.6# |





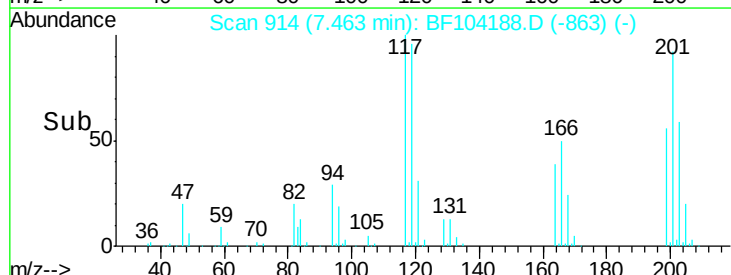
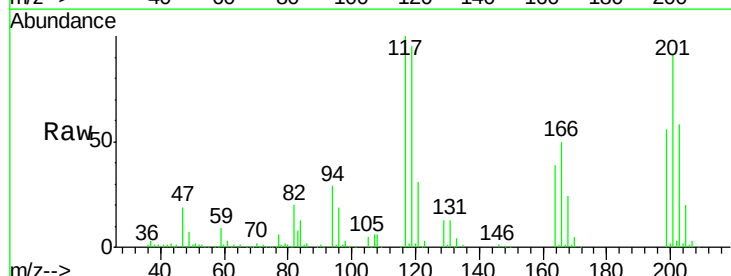
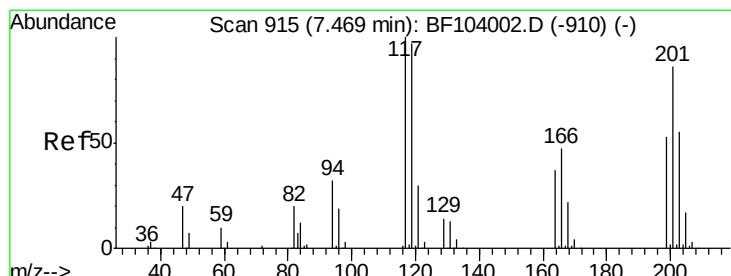
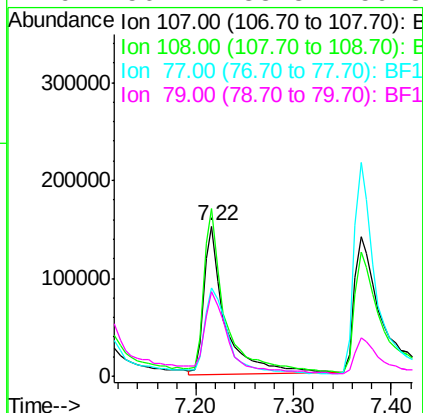
#17  
2-Methylphenol  
Concen: 39.519 ng  
RT: 7.22 min Scan# 872  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 111.9 | 91.7 | 137.5 |       |
| 77      | 59.3  | 33.8 | 50.8# |       |
| 79      | 56.4  | 33.8 | 50.8# |       |

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

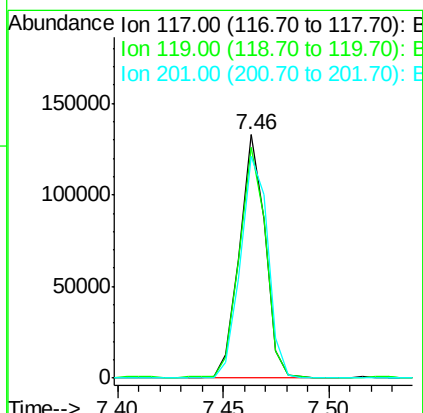
Manual Integrations  
APPROVED

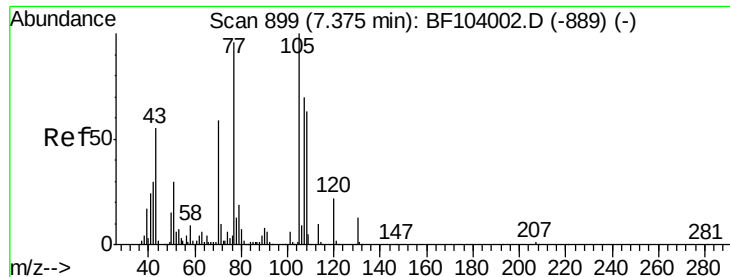
Sohil  
4/4/2018 4:09:43 PM



#18  
Hexachloroethane  
Concen: 38.998 ng  
RT: 7.46 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 94.9  | 75.8 | 113.8 |       |
| 201     | 91.2  | 75.7 | 113.5 |       |





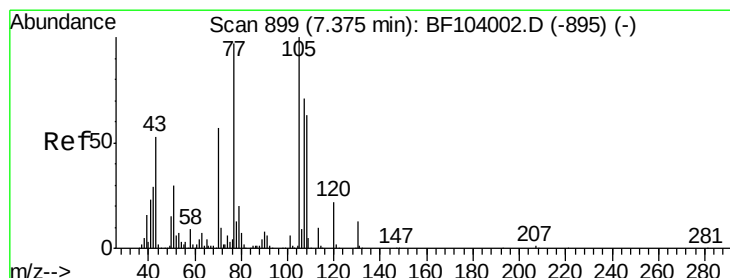
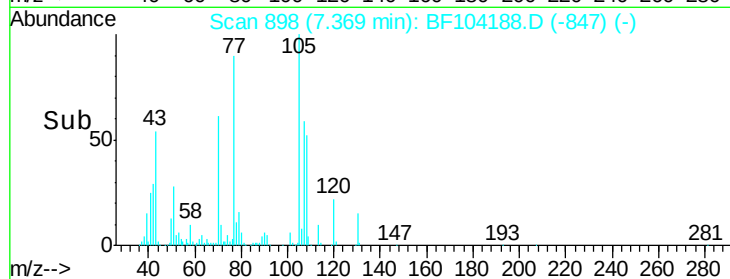
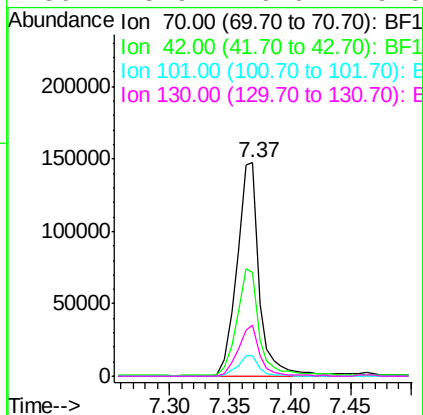
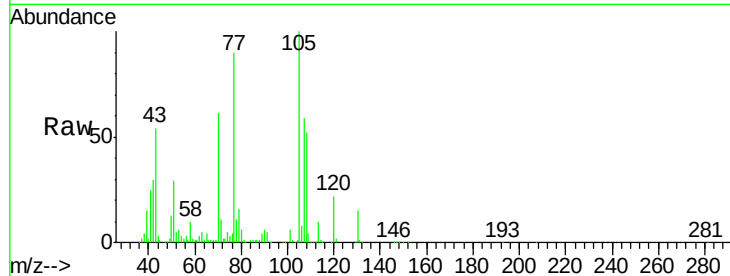
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.453 ng  
RT: 7.37 min Scan# 898  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion   | 70    | Resp  | 191421 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 48.5  | 47.5  | 71.3   |
| 101       | 9.9   | 7.4   | 11.2   |
| 130       | 23.9  | 16.6  | 25.0   |

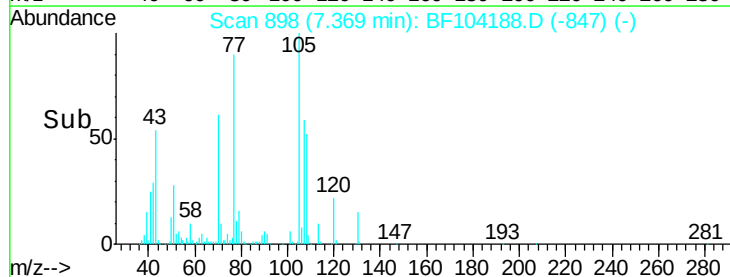
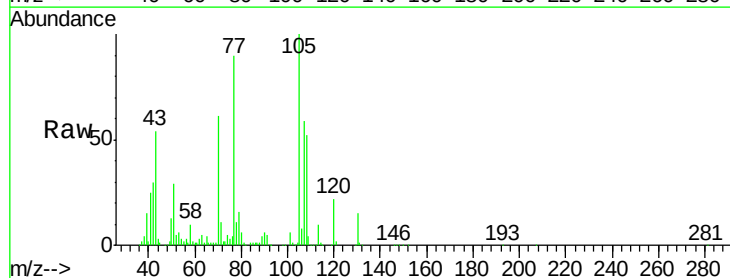
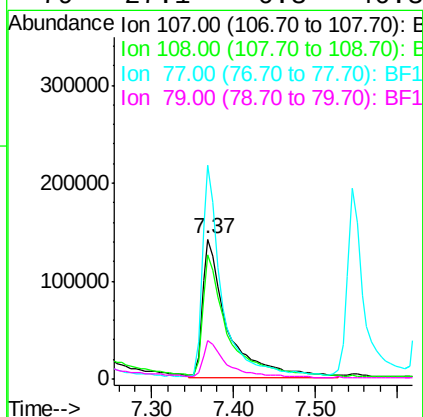
Manual Integrations  
APPROVED

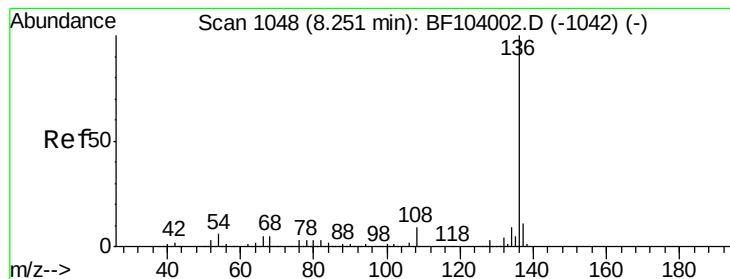
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4/4/2018 4:09:43 PM



#20  
3+4-Methylphenols  
Concen: 41.485 ng  
RT: 7.37 min Scan# 898  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion   | 107   | Resp  | 306356 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 88.5  | 68.2  | 108.2  |
| 77        | 152.7 | 26.7  | 66.7#  |
| 79        | 27.1  | 6.3   | 46.3   |





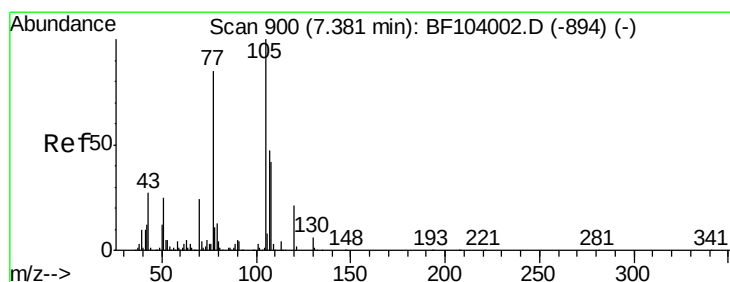
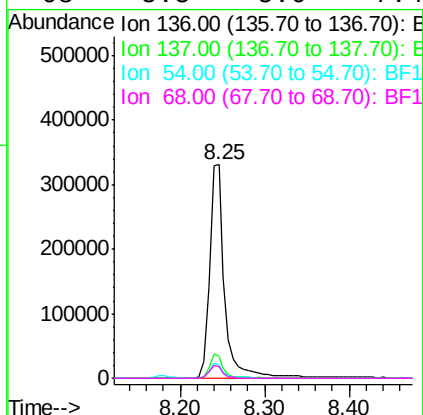
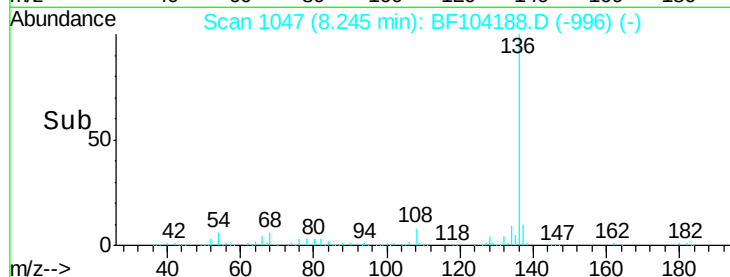
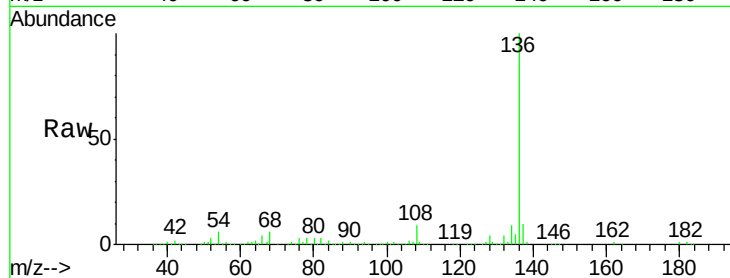
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 418956 |       |       |
| 137     | 10.5 |       | 8.9    | 13.3  |       |
| 54      | 5.9  |       | 6.6    | 9.8#  |       |
| 68      | 5.5  |       | 5.0    | 7.4   |       |

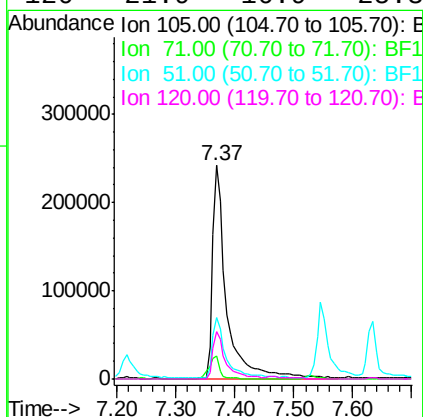
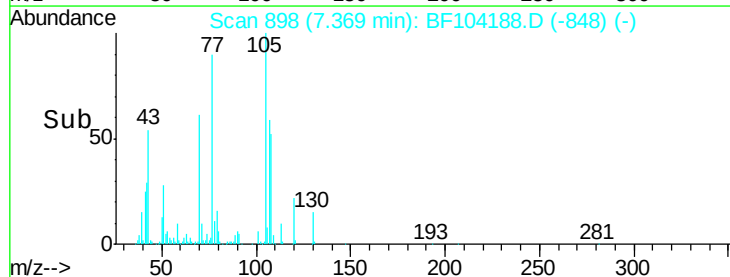
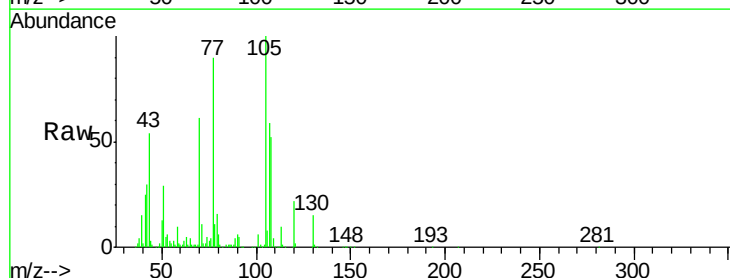
Manual Integrations  
APPROVED

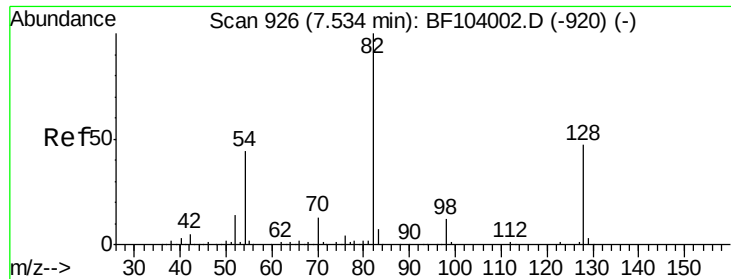
Sohil  
4/4/2018 4:09:43 PM



#22  
Acetophenone  
Concen: 40.589 ng  
RT: 7.37 min Scan# 898  
Delta R.T. -0.01 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 411431 |       |       |
| 71      | 10.6 |       | 4.4    | 6.6#  |       |
| 51      | 28.6 |       | 22.3   | 33.5  |       |
| 120     | 21.9 |       | 16.9   | 25.3  |       |





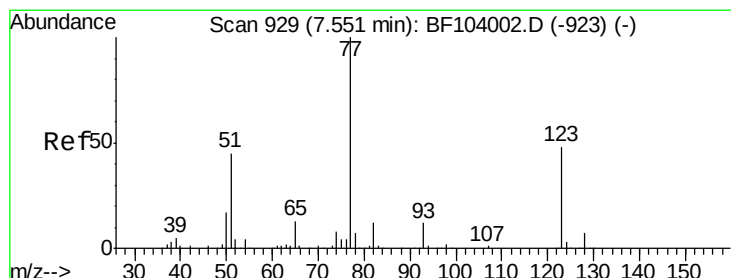
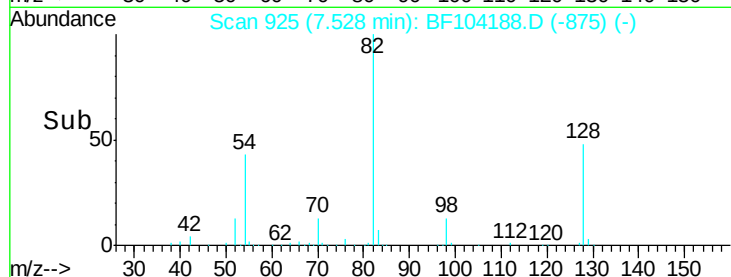
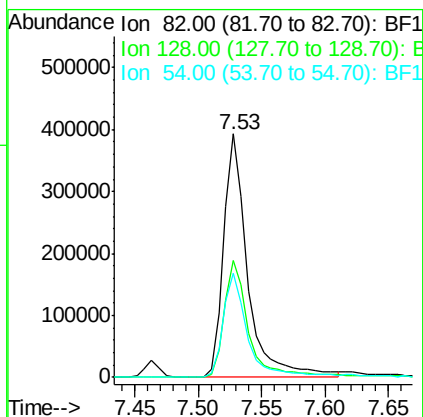
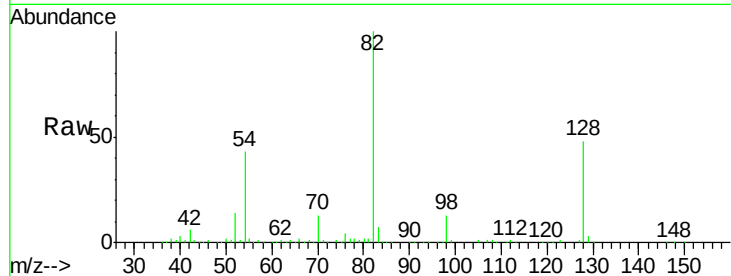
#23  
 Nitrobenzene-d5  
 Concen: 76.169 ng  
 RT: 7.53 min Scan# 925  
 Delta R.T. -0.01 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.9  | 36.1  | 54.1  |
| 54      | 43.0  | 41.4  | 62.2  |

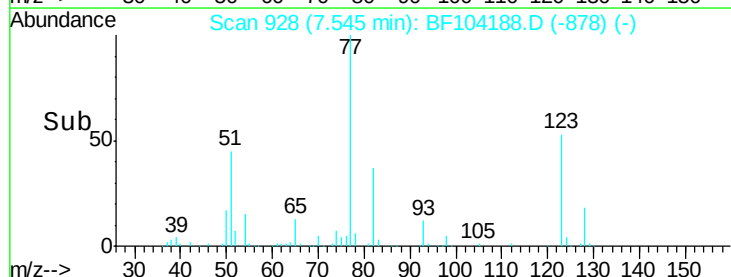
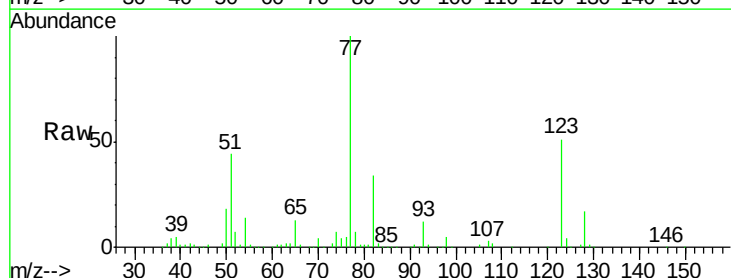
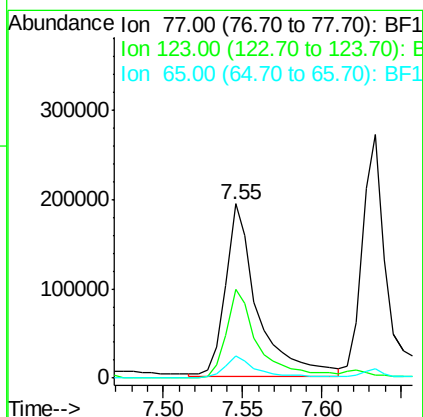
Manual Integrations  
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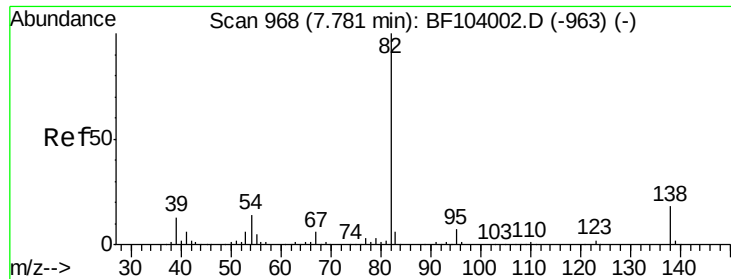


#24  
 Nitrobenzene  
 Concen: 37.538 ng  
 RT: 7.55 min Scan# 928  
 Delta R.T. -0.01 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 50.7  | 37.9  | 56.9  |
| 65      | 13.0  | 11.0  | 16.4  |







#25

Isophorone

Concen: 41.808 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA\_F

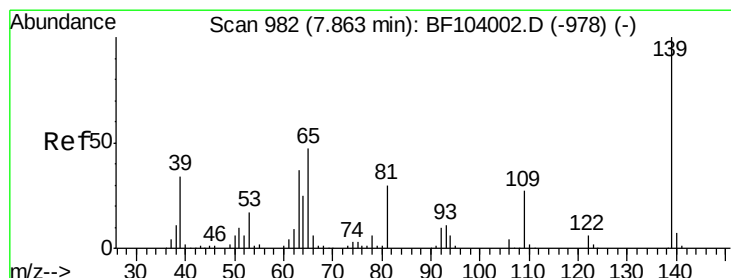
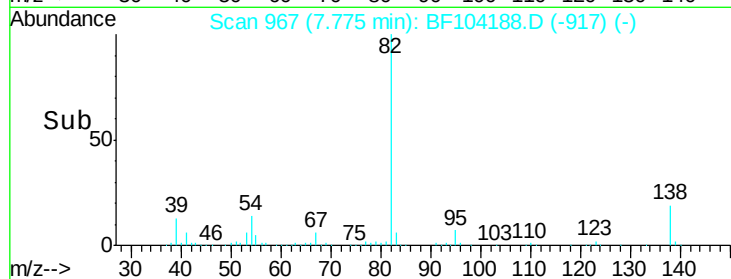
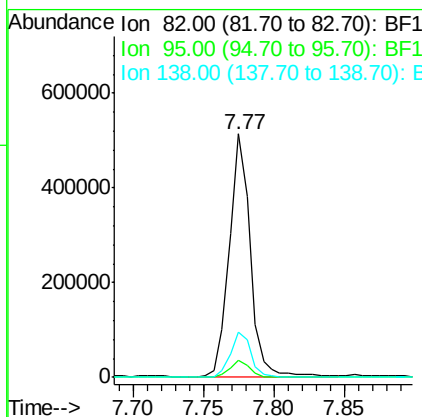
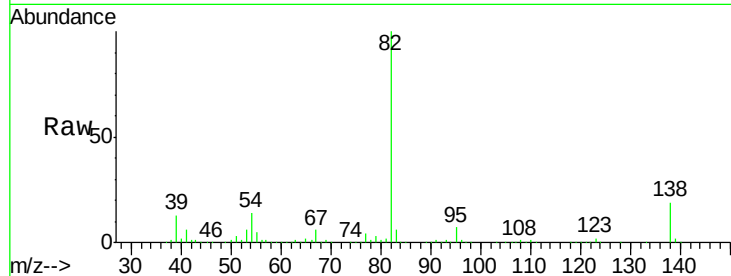
ClientSampleId :

6-WM-DIP-6-EW(2.5-5)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 527834 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.2   | 5.2   | 7.8    |
| 138       | 18.8  | 14.9  | 22.3   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 42.377 ng

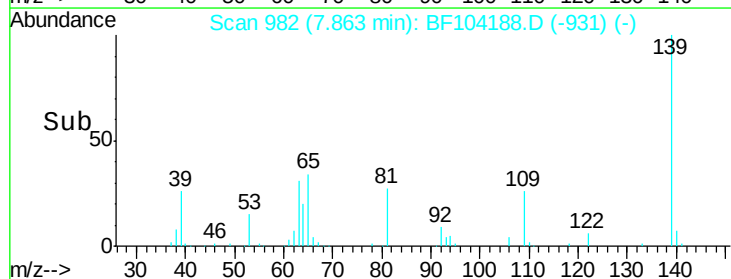
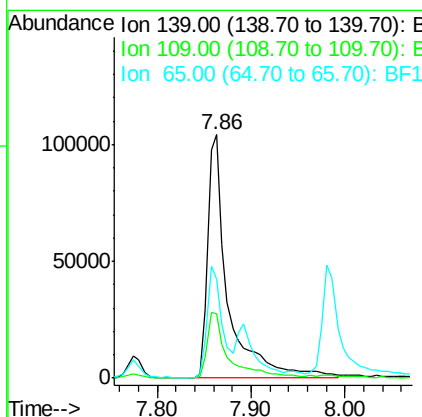
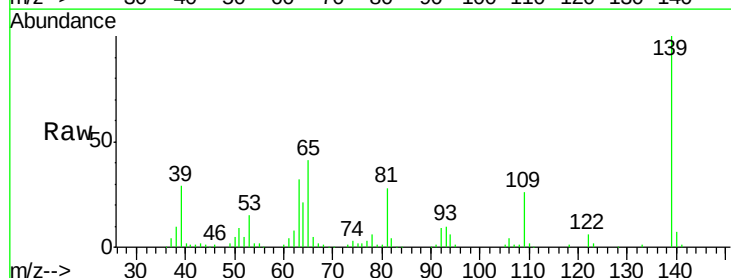
RT: 7.86 min Scan# 982

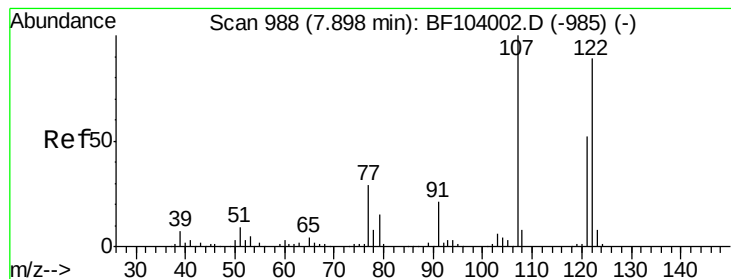
Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 159446 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 26.3  | 22.7  | 34.1   |
| 65        | 40.7  | 40.5  | 60.7   |





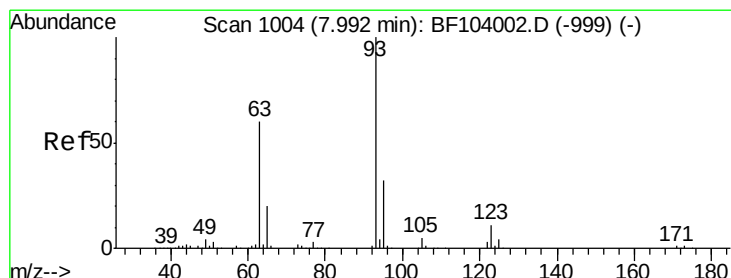
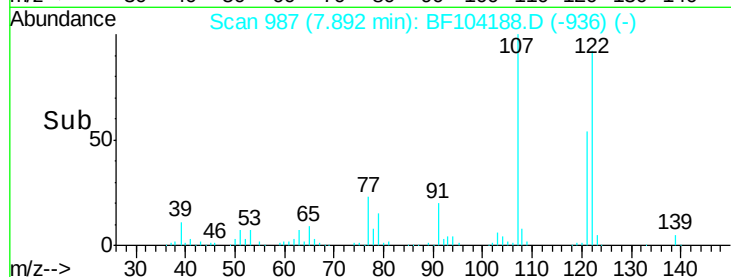
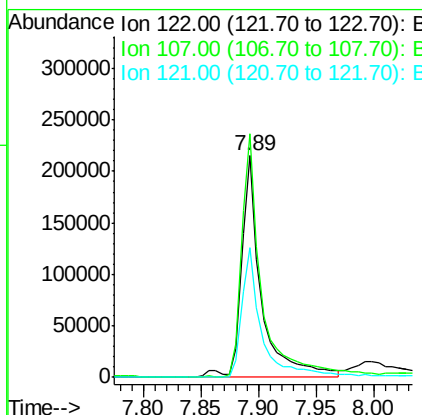
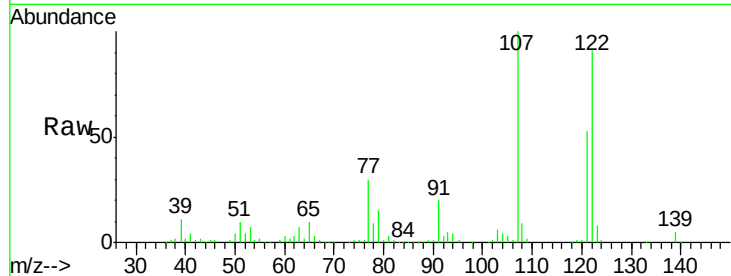
#27  
2,4-Dimethylphenol  
Concen: 47.732 ng  
RT: 7.89 min Scan# 987  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 109.8 | 91.2  | 136.8 |
| 121     | 58.5  | 47.2  | 70.8  |

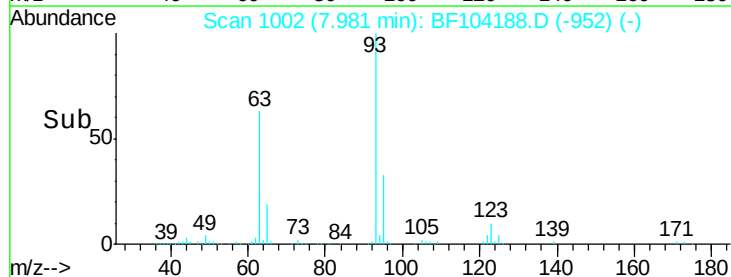
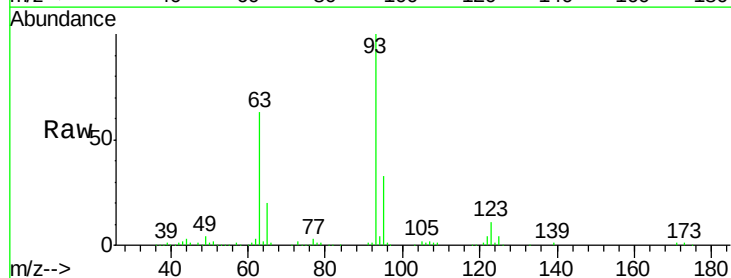
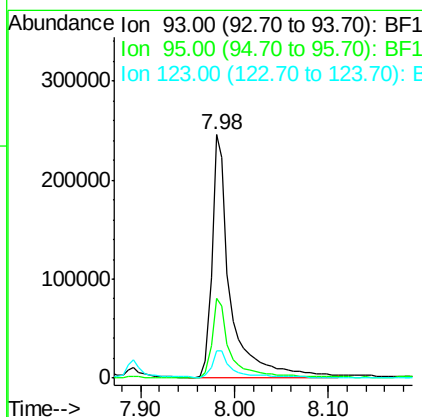
Manual Integrations  
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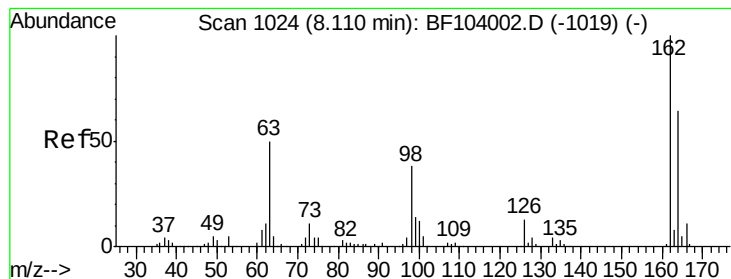
Sohil  
4/4/2018 4:09:43 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.630 ng  
RT: 7.98 min Scan# 1002  
Delta R.T. -0.01 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.5  | 26.3  | 39.5  |
| 123     | 11.0  | 9.8   | 14.6  |





#29

2,4-Dichlorophenol

Concen: 42.982 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA\_F

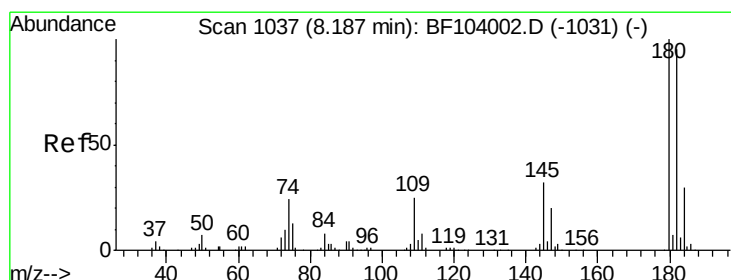
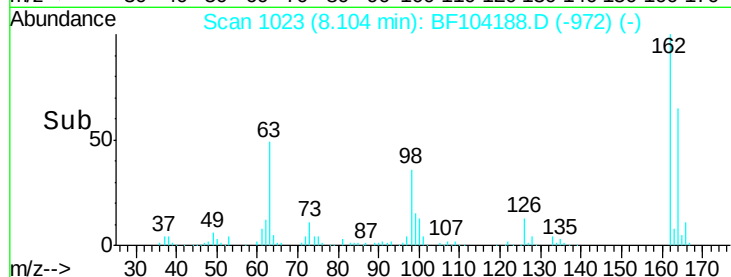
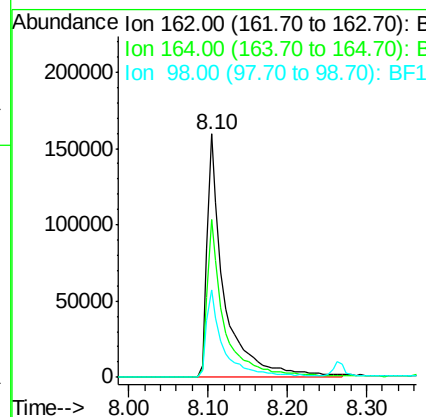
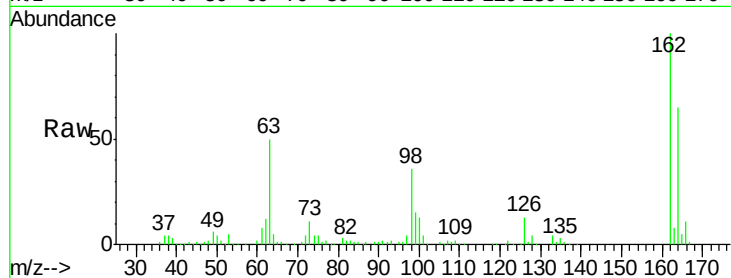
ClientSampleId :

6-WM-DIP-6-EW(2.5-5)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 243614 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.9  | 42.7  | 82.7   |
| 98        | 36.0  | 18.1  | 58.1   |

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#30

1,2,4-Trichlorobenzene

Concen: 40.016 ng

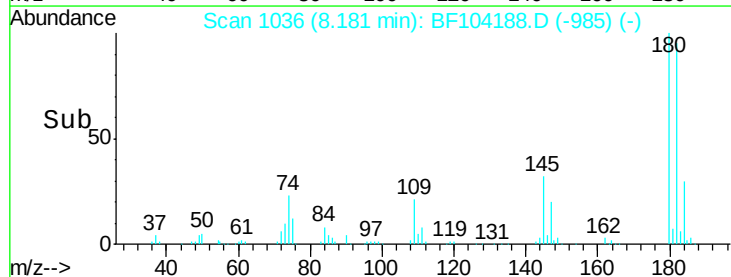
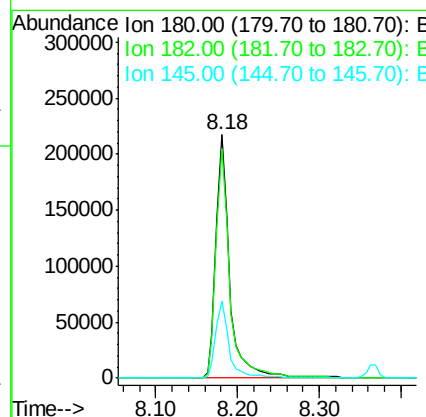
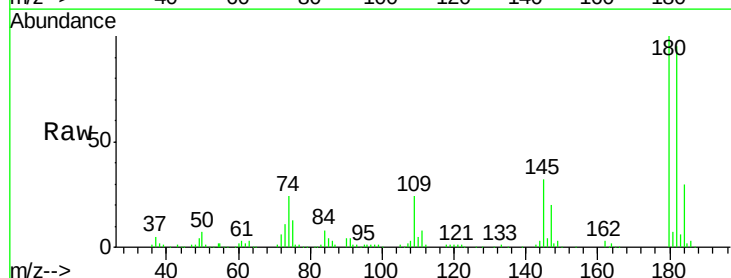
RT: 8.18 min Scan# 1036

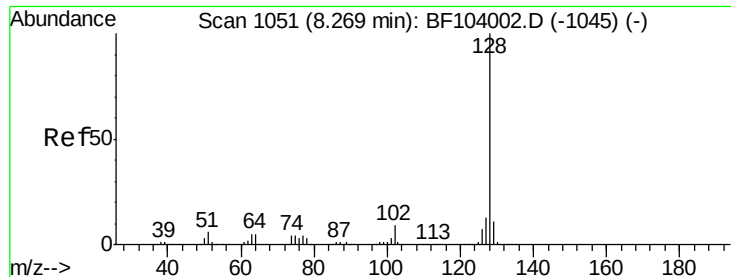
Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 257336 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.5  | 76.8  | 115.2  |
| 145       | 31.8  | 26.5  | 39.7   |





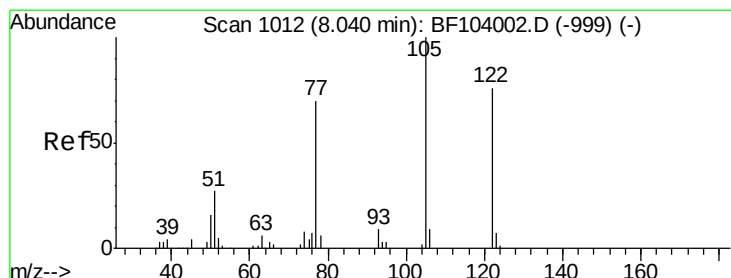
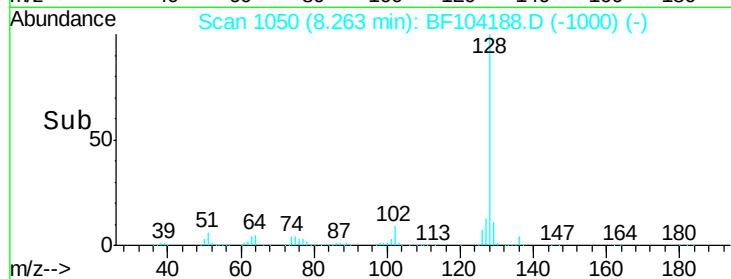
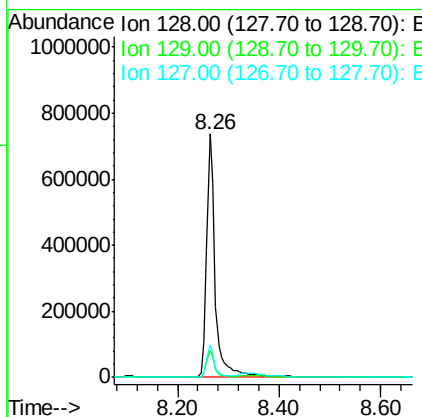
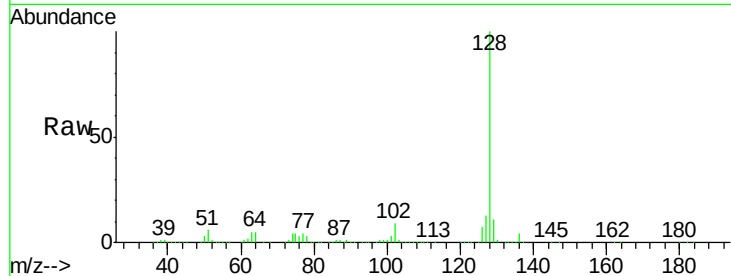
#31  
Naphthalene  
Concen: 43.075 ng  
RT: 8.26 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 11.3  | 8.8  | 13.2  |       |
| 127     | 13.3  | 10.9 | 16.3  |       |

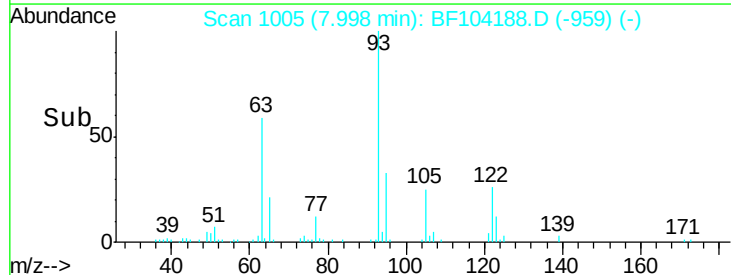
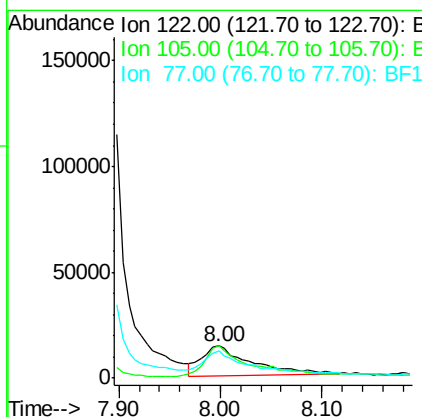
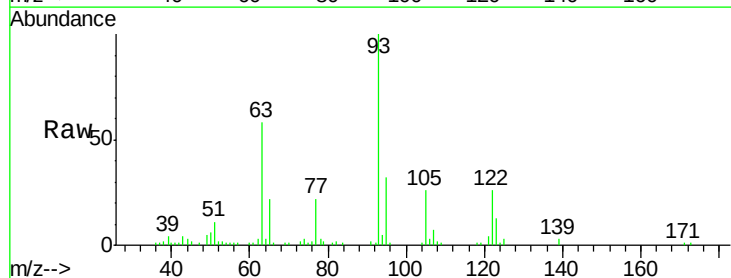
Manual Integrations  
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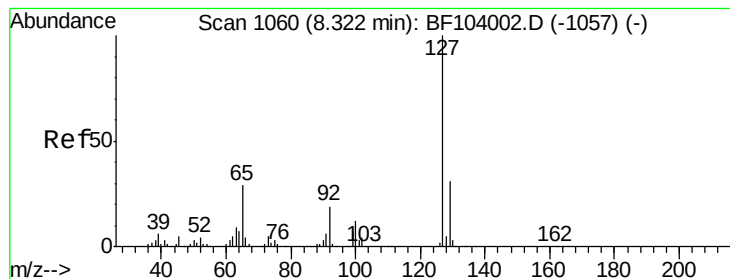
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#32  
Benzoic acid  
Concen: 11.846 ng  
RT: 8.00 min Scan# 1005  
Delta R.T. -0.03 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 122     | 100   |       |        |       |
| 105     | 100.8 | 101.1 | 141.1# |       |
| 77      | 85.4  | 70.7  | 110.7  |       |





#33

4-Chloroaniline

Concen: 6.307 ng

RT: 8.34 min Scan# 1063

Delta R.T. 0.02 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA\_F

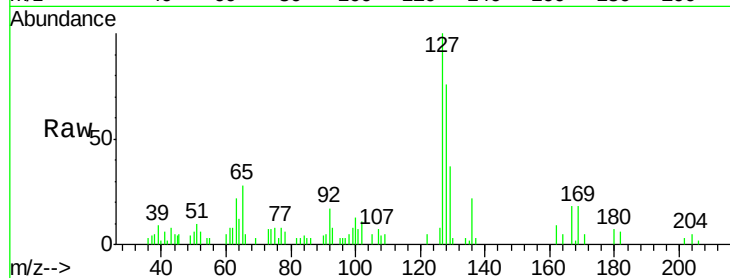
ClientSampleId :

6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 36.8 | 25.9  | 38.9 |       |       |
| 65      | 27.6 | 25.0  | 37.4 |       |       |
| 92      | 16.5 | 15.2  | 22.8 |       |       |

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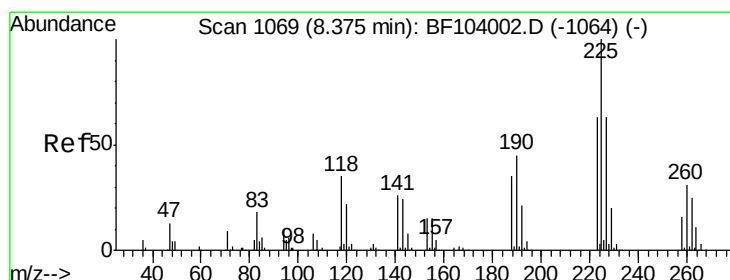
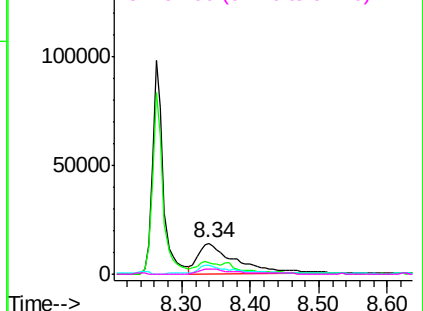
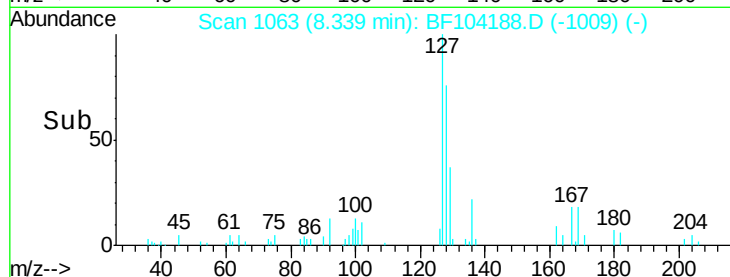


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.420 ng

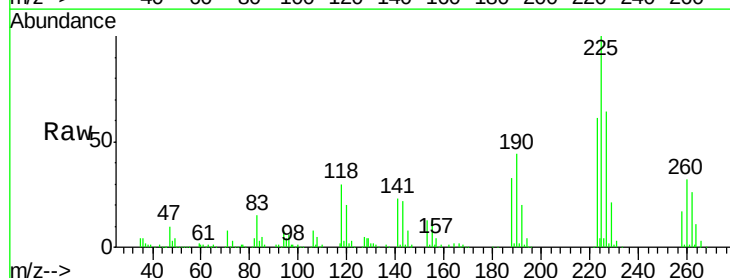
RT: 8.37 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

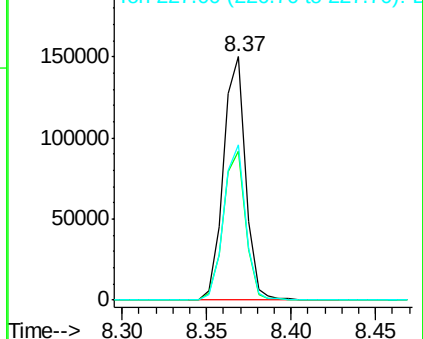
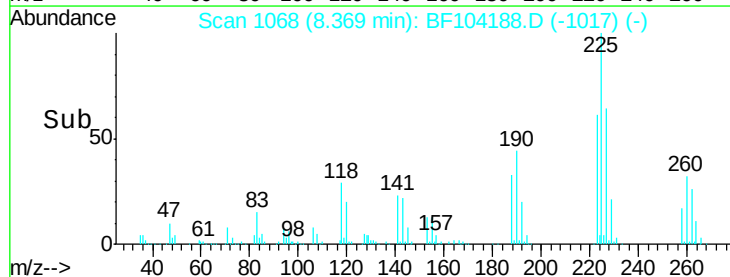
| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 61.3 | 50.6  | 76.0 |       |       |
| 227     | 63.7 | 51.9  | 77.9 |       |       |

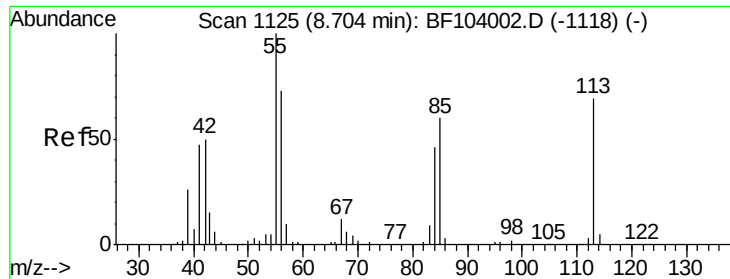


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.827 ng/mL

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

6-WM-DIP-6-EW(2.5-5)MSD

Tot Ion: 113 Resp: 71576

Ion Ratio Lower Upper

113 100

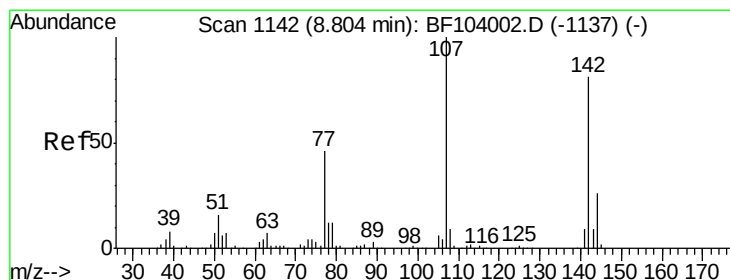
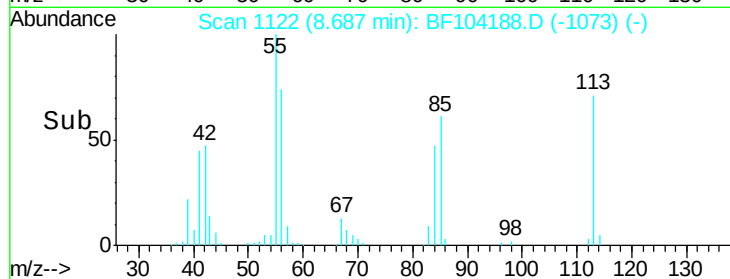
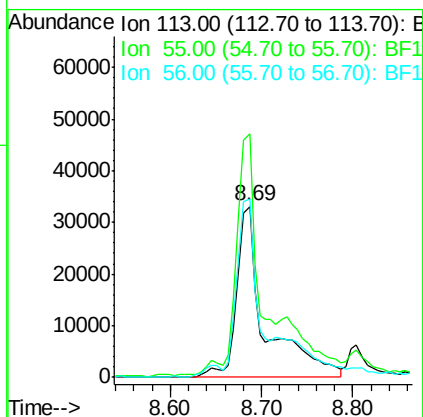
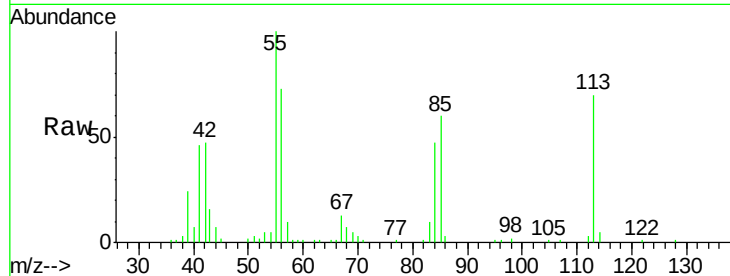
55 142.6 163.3 203.3#

56 104.3 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 42.785 ng/mL

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

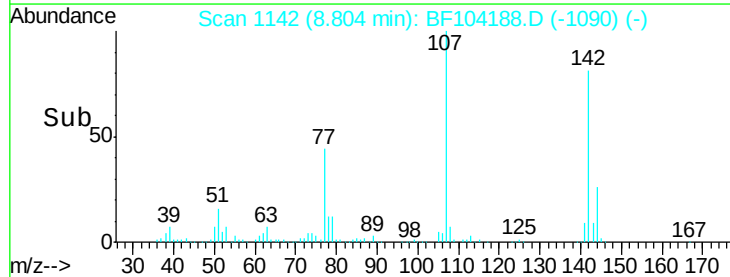
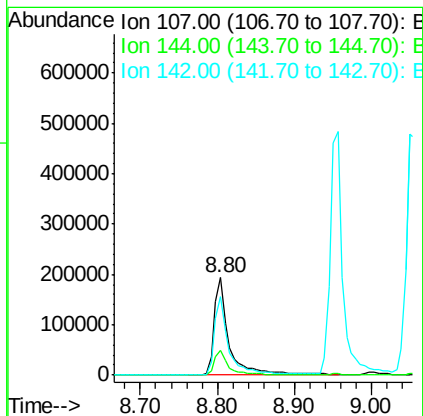
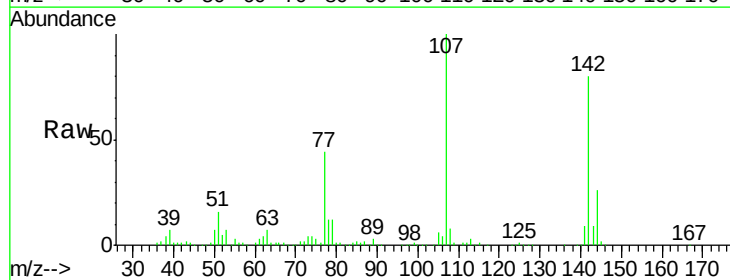
Tgt Ion: 107 Resp: 256495

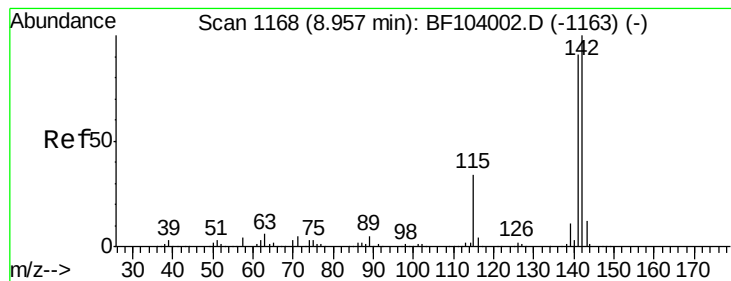
Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

142 80.4 62.0 93.0





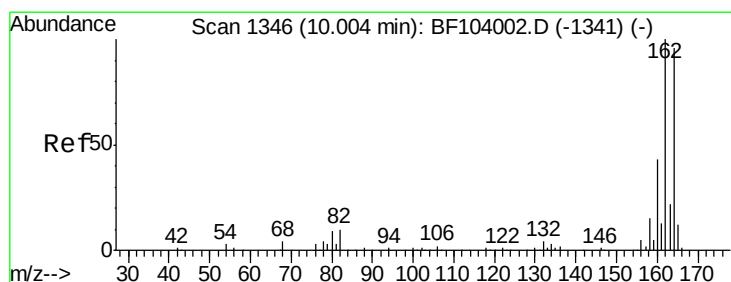
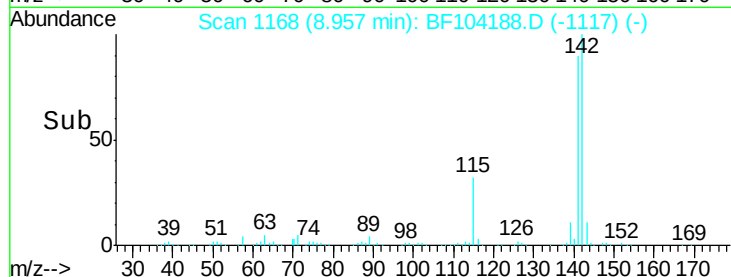
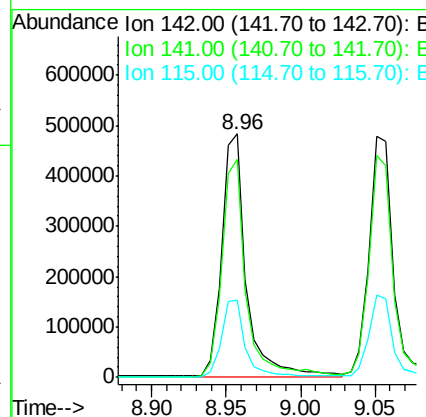
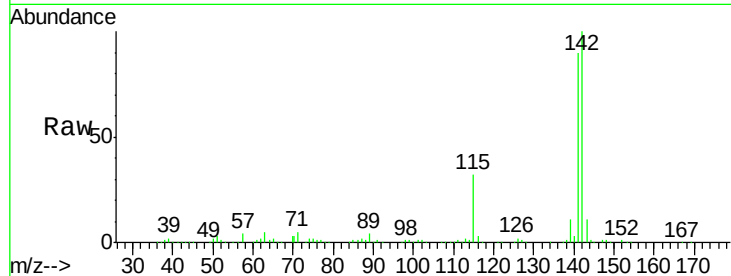
#37  
2-Methylnaphthalene  
Concen: 41.362 ng  
RT: 8.96 min Scan# 1168  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.7  | 70.8  | 106.2 |
| 115     | 31.6  | 26.1  | 39.1  |

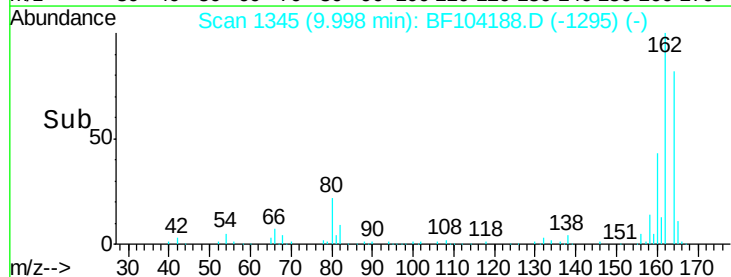
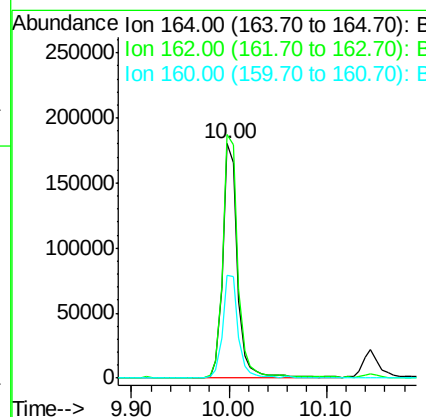
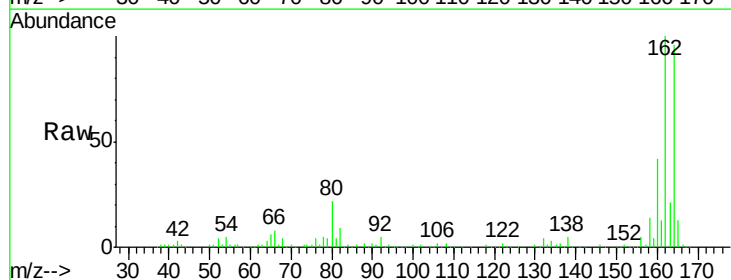
Manual Integrations  
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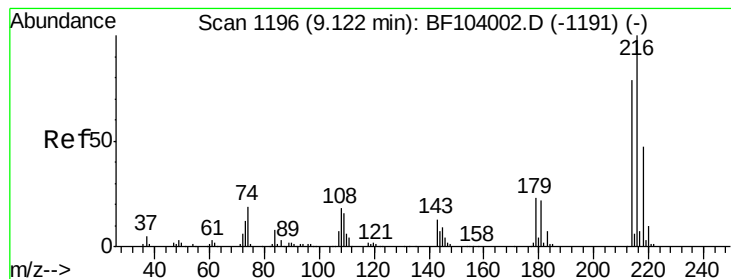
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4/4/2018 4:09:43 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.00 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.9 | 86.1  | 129.1 |
| 160     | 43.8  | 38.3  | 57.5  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.772 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA\_F

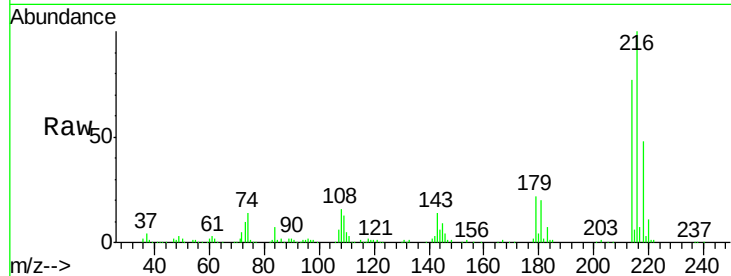
ClientSampleId :

6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.5  | 63.0  | 94.4  |
| 179     | 22.2  | 18.1  | 27.1  |
| 108     | 20.0  | 17.2  | 25.8  |

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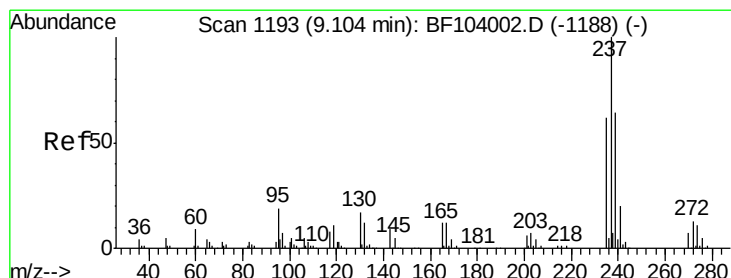
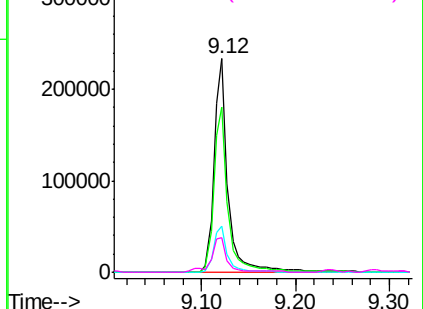
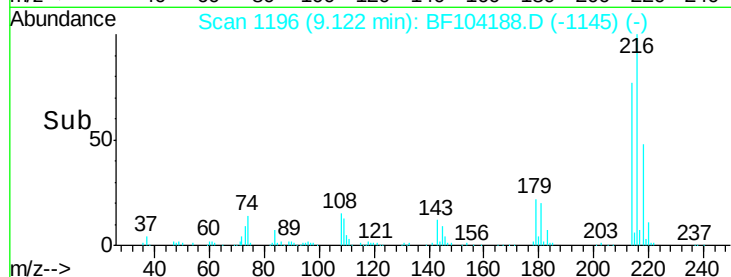


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.054 ng

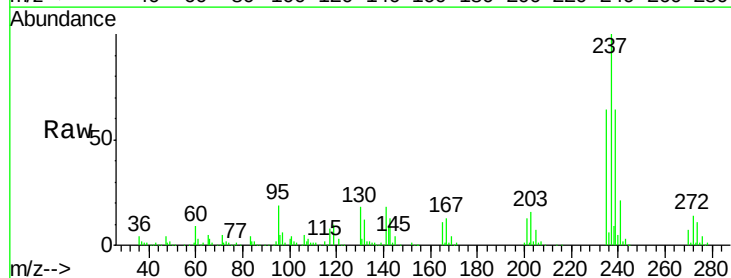
RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

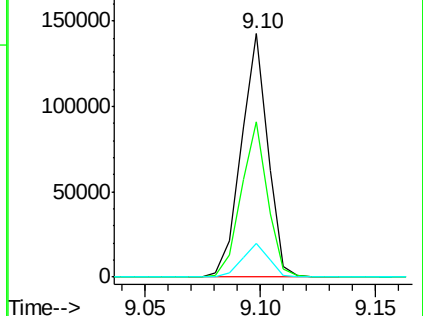
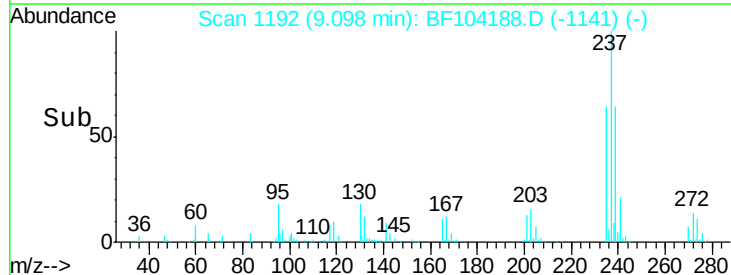
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 63.8  | 44.8  | 84.8  |
| 272     | 13.7  | 0.0   | 33.3  |



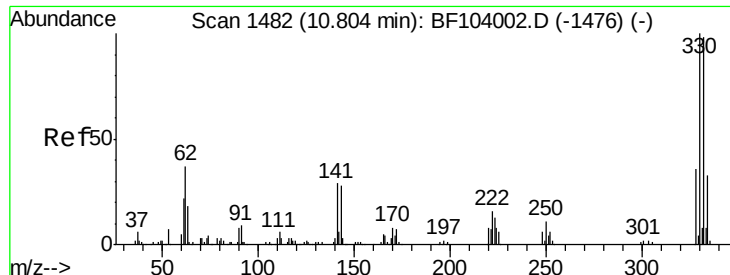
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







#41

2,4,6-Tribromophenol

Concen: 111.125 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA\_F

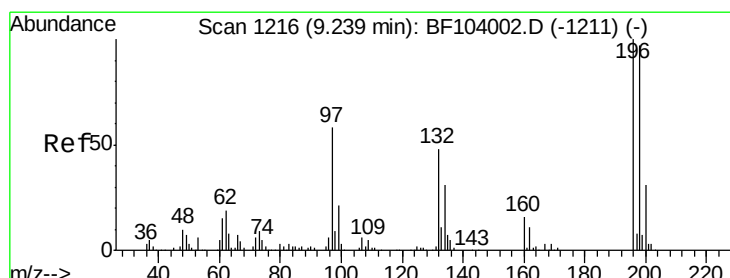
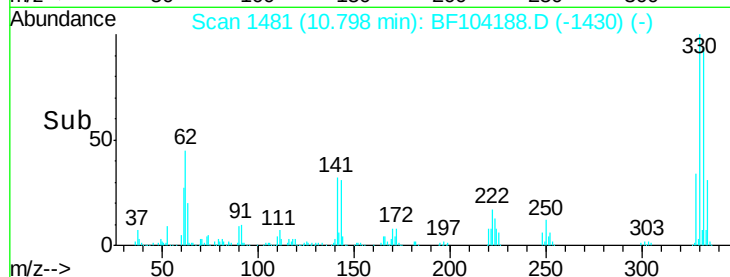
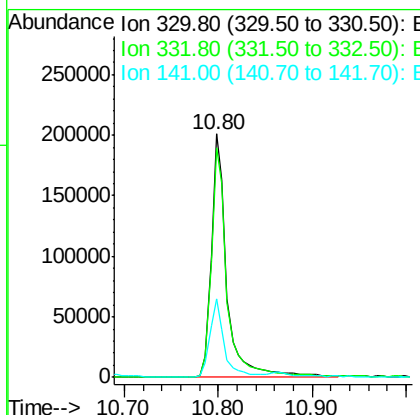
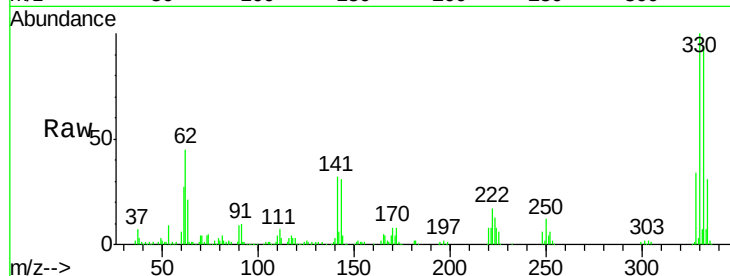
ClientSampleId :

6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 237001 |       |       |
| 332     | 97.6  | 77.0   | 115.6 |       |
| 141     | 28.8  | 29.9   | 44.9  |       |

Manual Integrations  
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#42

2,4,6-Trichlorophenol

Concen: 41.442 ng

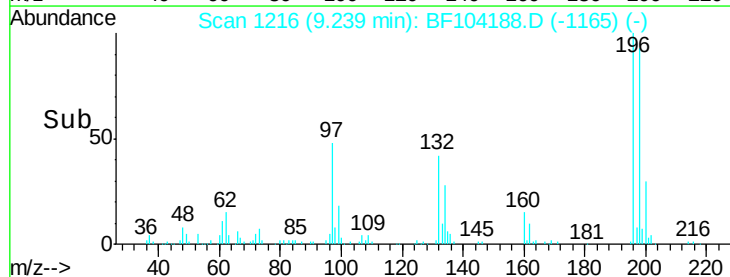
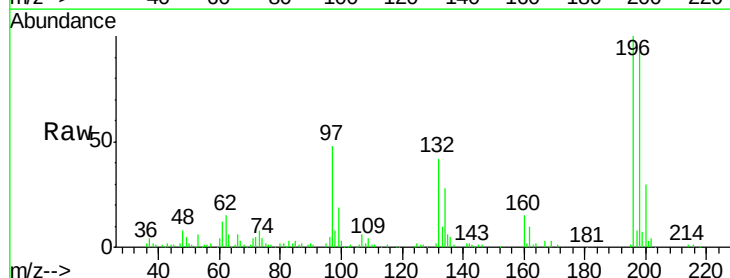
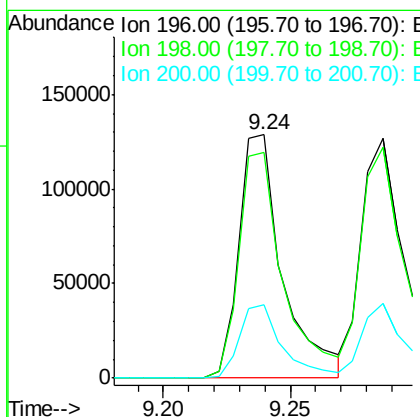
RT: 9.24 min Scan# 1216

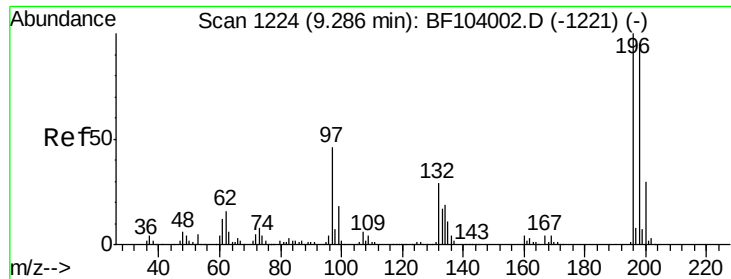
Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 154128 |       |       |
| 198     | 92.7  | 75.7   | 113.5 |       |
| 200     | 30.1  | 24.5   | 36.7  |       |





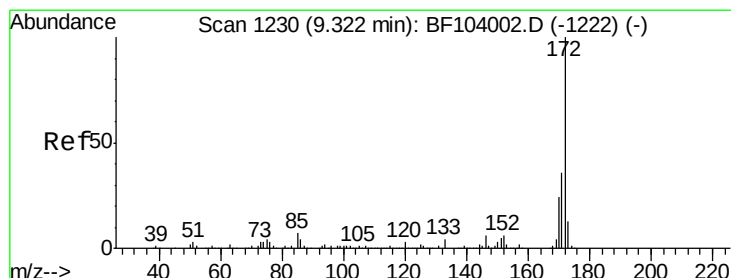
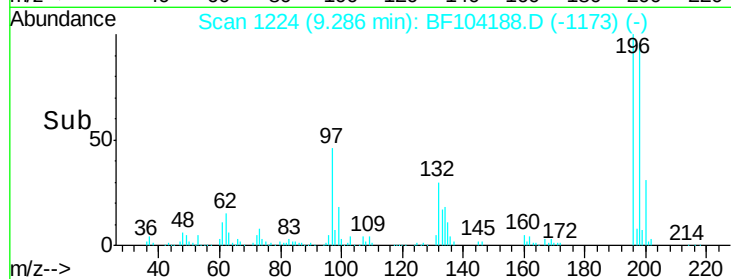
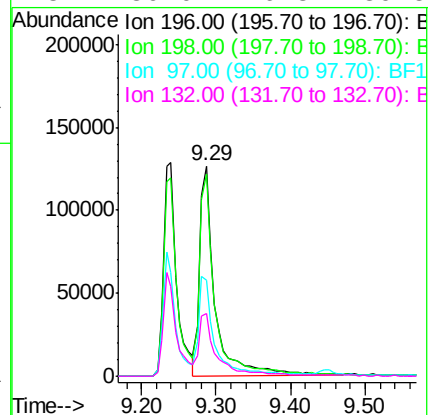
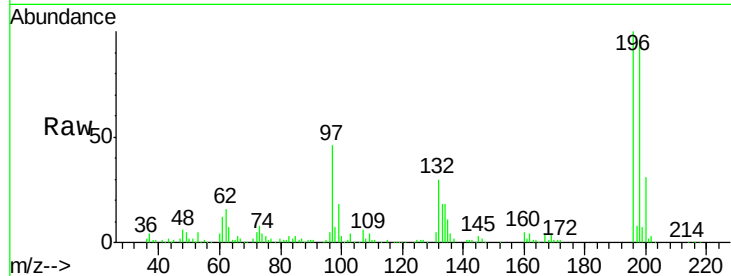
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.372 ng  
 RT: 9.29 min Scan# 1224  
 Delta R.T. 0.00 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 181293 |       |       |
| 198     | 96.4 | 74.6  | 112.0  |       |       |
| 97      | 45.5 | 42.9  | 64.3   |       |       |
| 132     | 30.0 | 26.3  | 39.5   |       |       |

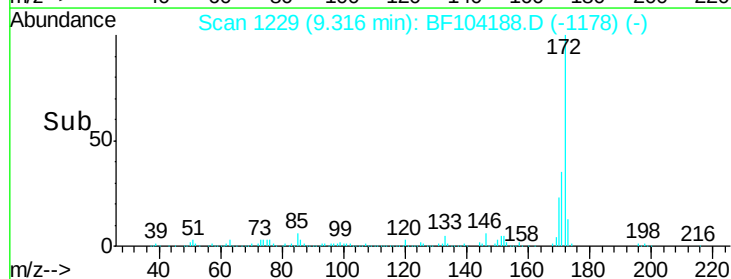
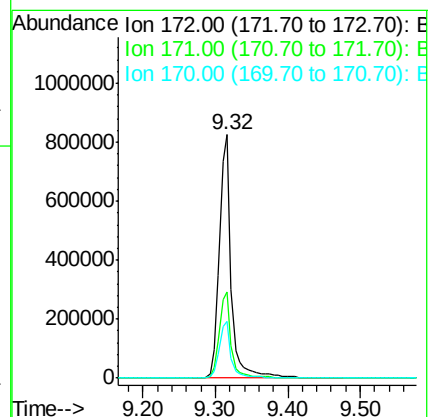
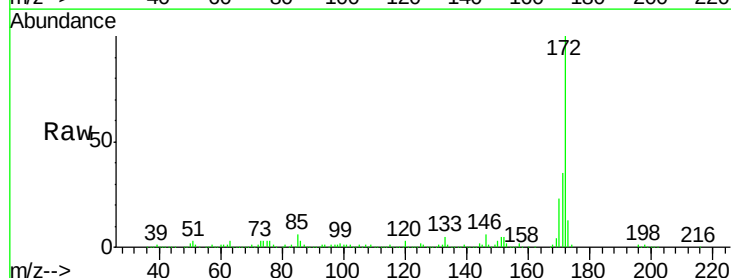
Manual Integrations  
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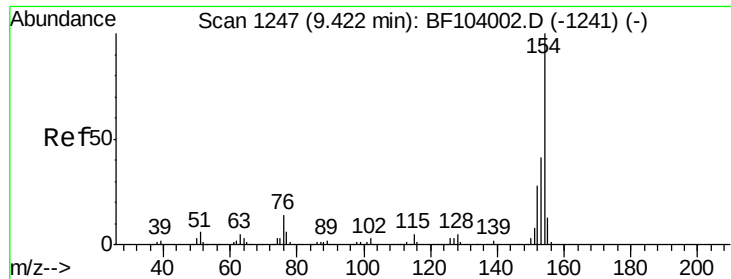
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#44  
 2-Fluorobiphenyl  
 Concen: 78.106 ng  
 RT: 9.32 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 172     | 100  |       | 948683 |       |       |
| 171     | 35.4 | 29.7  | 44.5   |       |       |
| 170     | 23.3 | 19.6  | 29.4   |       |       |





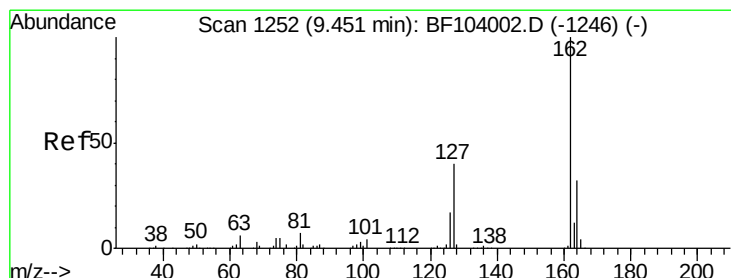
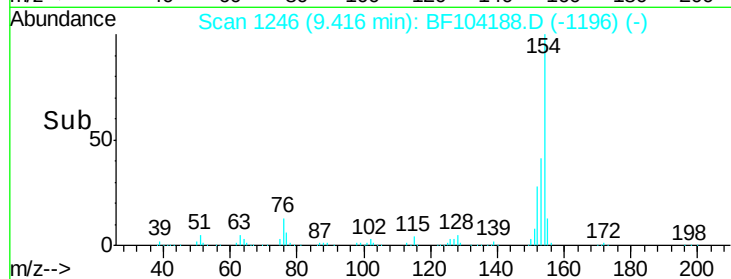
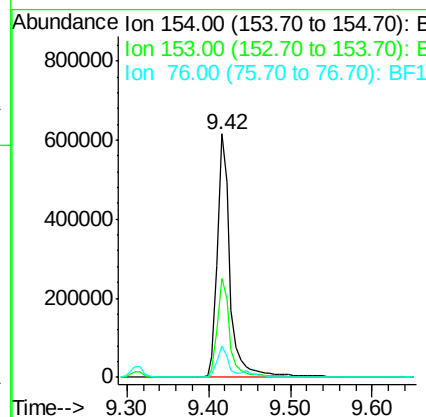
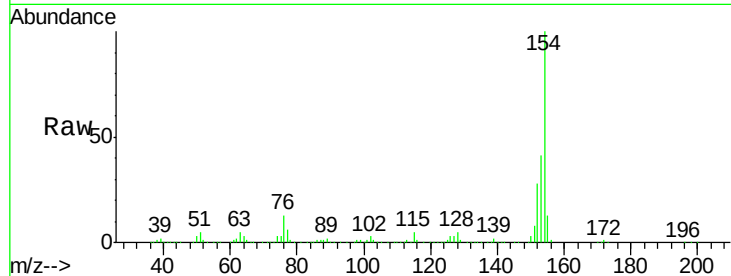
#45  
 1,1'-Biphenyl  
 Concen: 41.001 ng  
 RT: 9.42 min Scan# 1246  
 Delta R.T. -0.01 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 6-WM-DIP-6-EW(2.5-5)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 674011 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.7  | 21.3  | 61.3   |
| 76        | 12.9  | 0.0   | 34.0   |

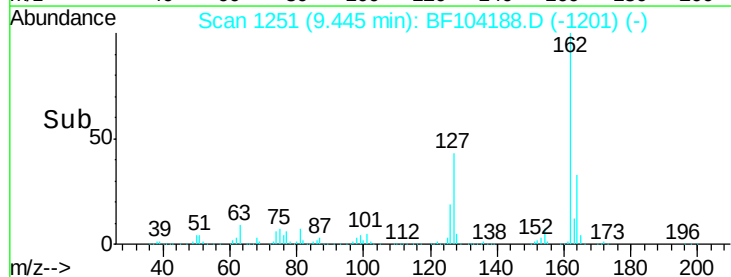
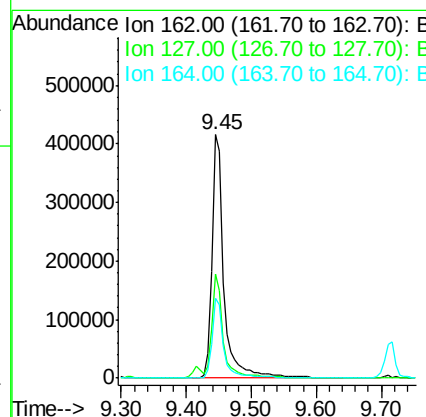
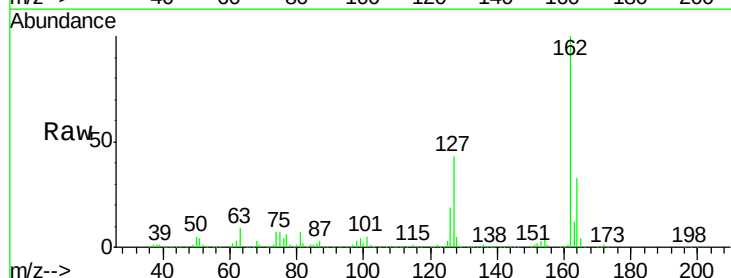
Manual Integrations  
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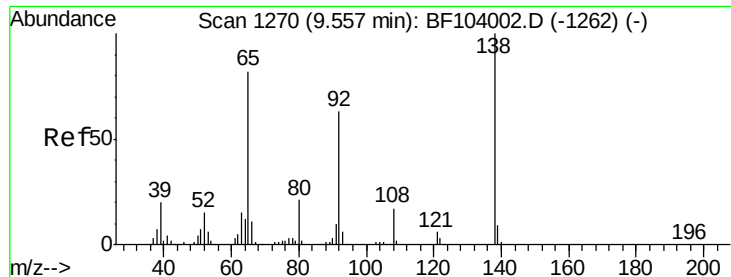
Sohil  
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#46  
 2-Chloronaphthalene  
 Concen: 40.891 ng  
 RT: 9.45 min Scan# 1251  
 Delta R.T. -0.01 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 530239 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 42.7  | 33.9  | 50.9   |
| 164       | 32.9  | 26.5  | 39.7   |





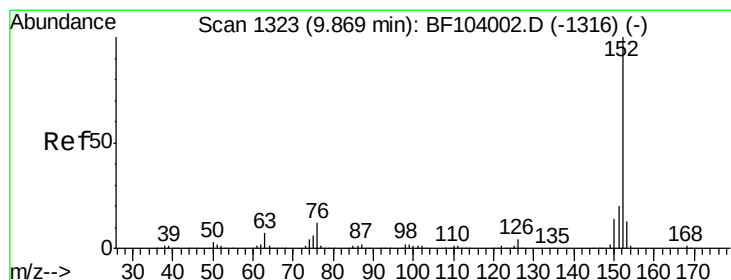
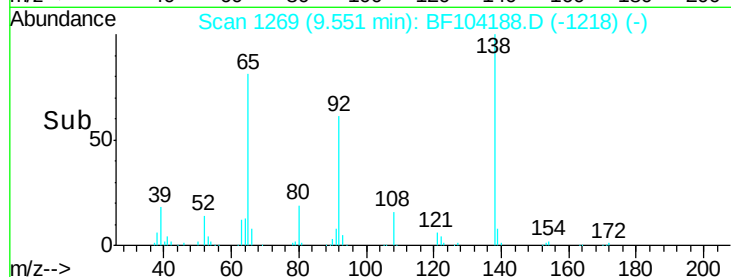
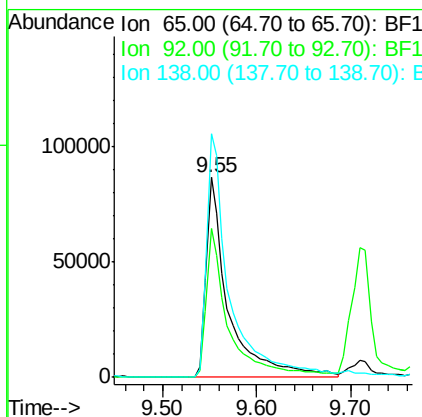
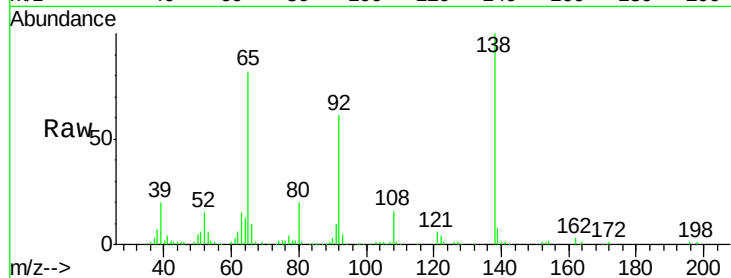
#47  
2-Nitroaniline  
Concen: 39.420 ng  
RT: 9.55 min Scan# 1269  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.7  | 55.8  | 83.6  |
| 138     | 121.9 | 91.2  | 136.8 |

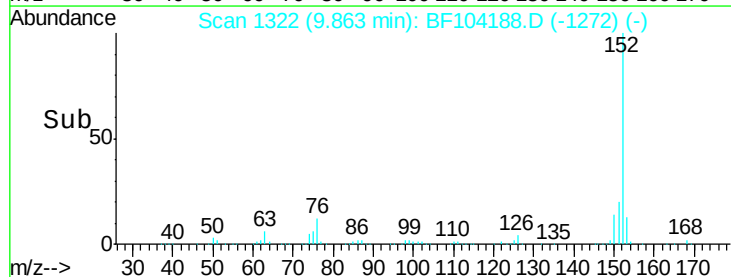
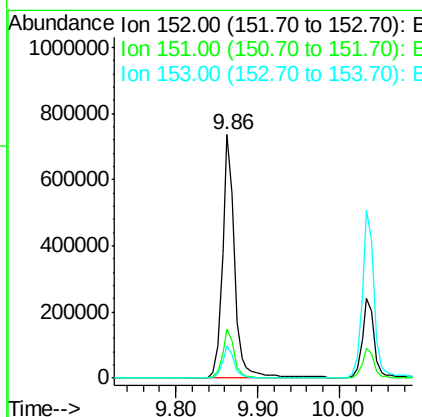
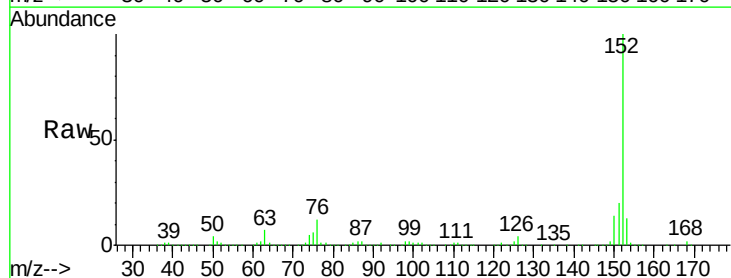
Manual Integrations  
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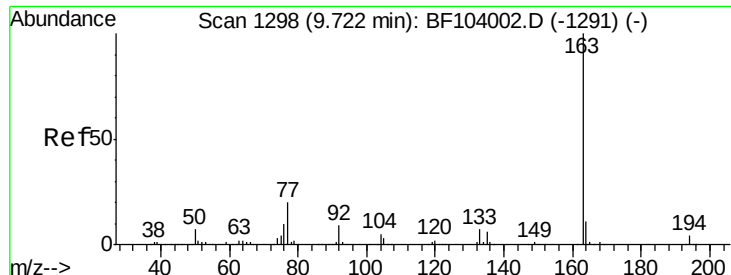
Sohil  
4/4/2018 4:09:43 PM



#48  
Acenaphthylene  
Concen: 38.924 ng  
RT: 9.86 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.0  | 16.3  | 24.5  |
| 153     | 13.4  | 10.7  | 16.1  |





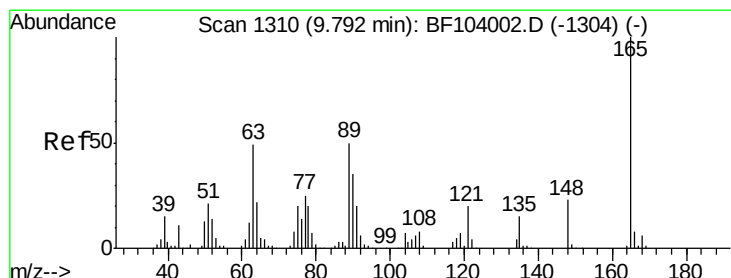
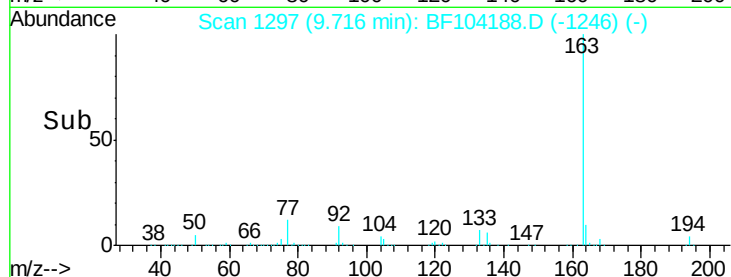
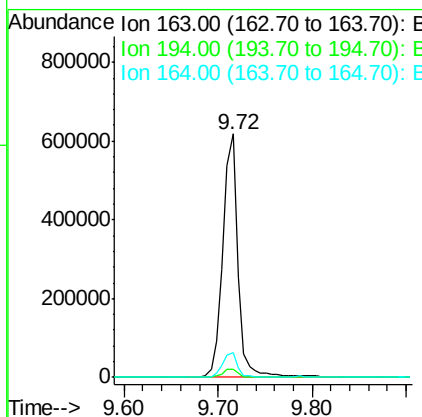
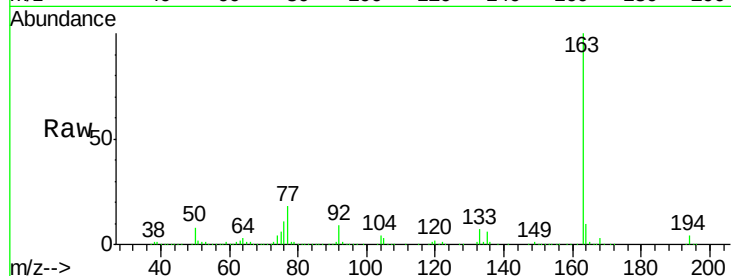
#49  
Dimethylphthalate  
Concen: 46.128 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 163     | 100  |       | 697564 |       |       |
| 194     | 3.5  |       | 2.7    | 4.1   |       |
| 164     | 10.2 |       | 8.2    | 12.2  |       |

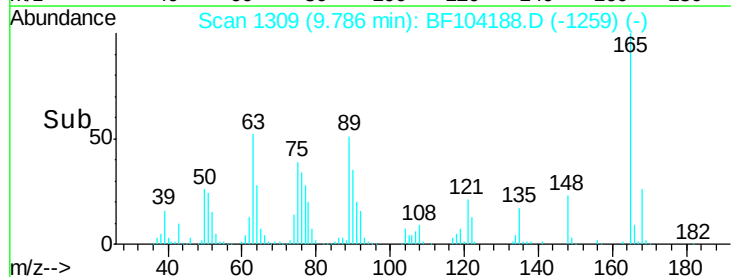
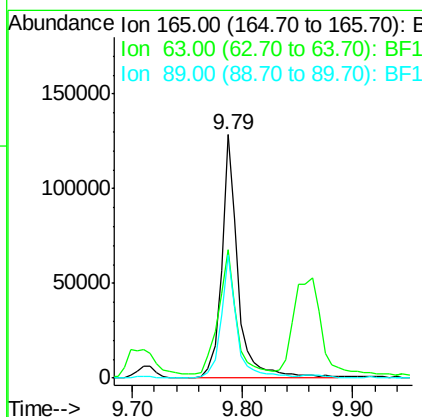
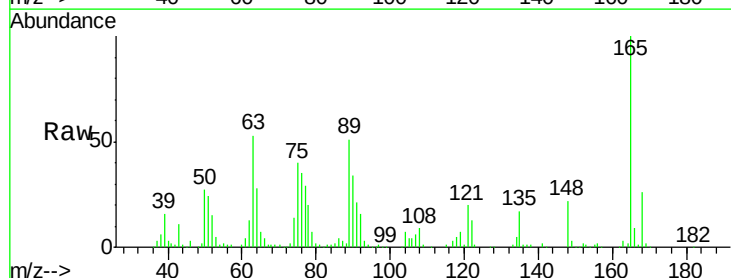
Manual Integrations  
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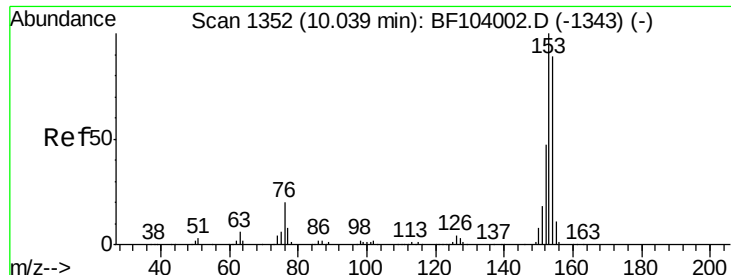
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#50  
2,6-Dinitrotoluene  
Concen: 40.666 ng  
RT: 9.79 min Scan# 1309  
Delta R.T. -0.01 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 132302 |       |       |
| 63      | 52.7 |       | 44.7   | 67.1  |       |
| 89      | 50.8 |       | 44.0   | 66.0  |       |





#51

Acenaphthene

Concen: 39.296 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA\_F

ClientSampleId :

6-WM-DIP-6-EW(2.5-5)MSD

Tot Ion:154 Resp: 446575

Ion Ratio Lower Upper

154 100

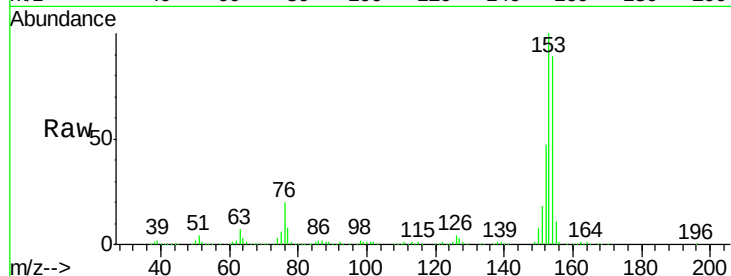
153 112.9 91.2 136.8

152 53.1 43.8 65.8

Manual Integrations  
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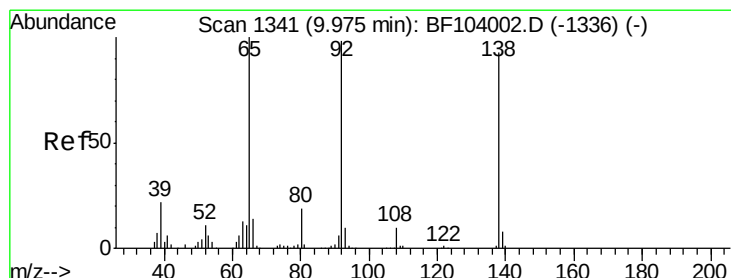
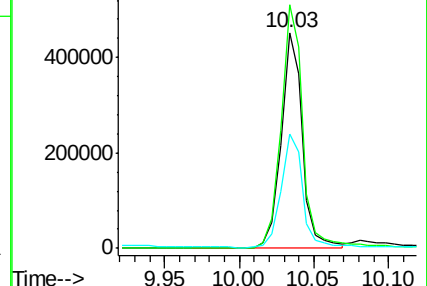
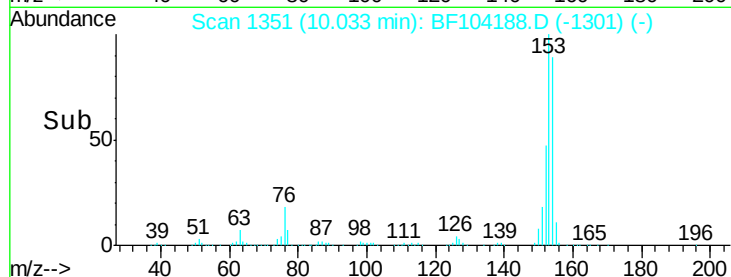
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.143 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

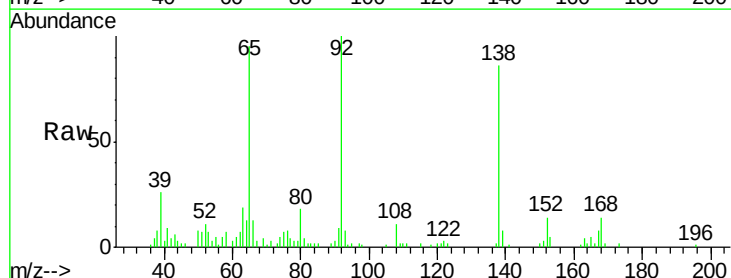
Tgt Ion:138 Resp: 52895

Ion Ratio Lower Upper

138 100

108 13.0 9.4 14.0

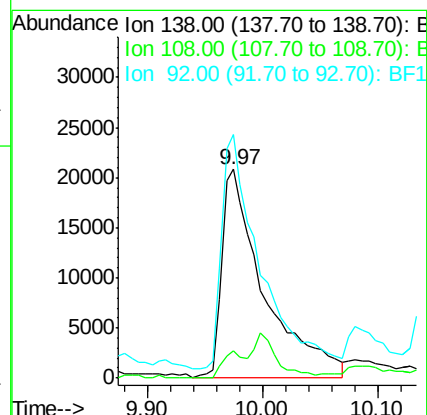
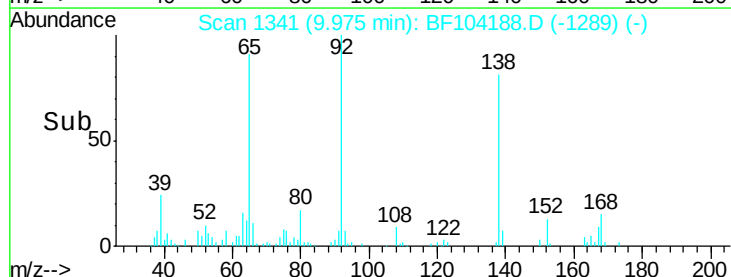
92 116.6 89.4 134.2

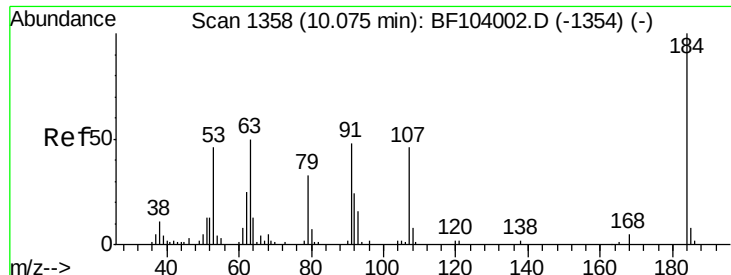


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





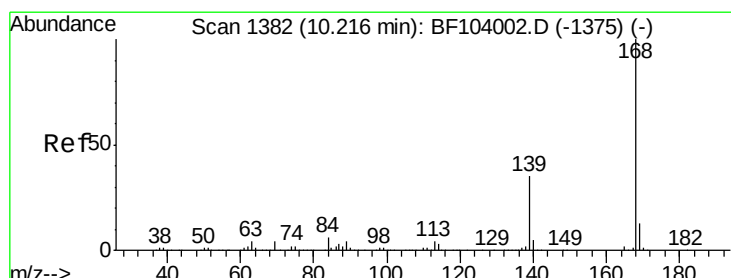
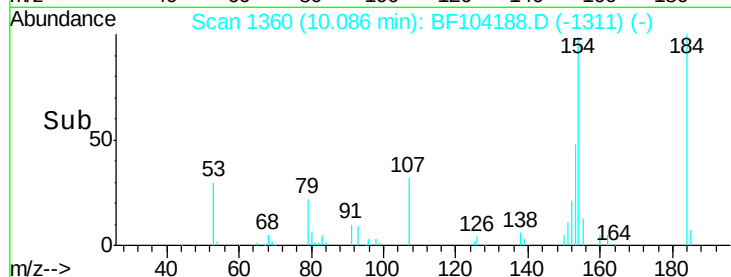
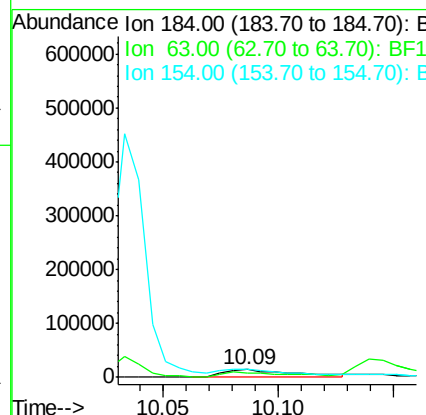
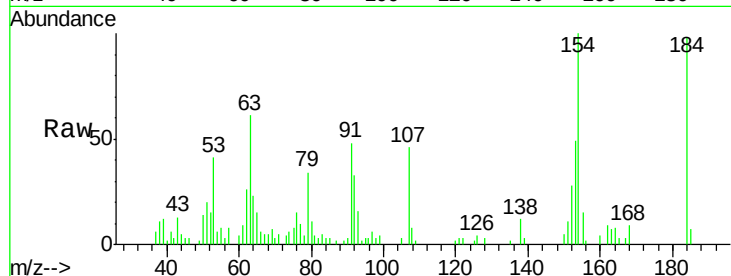
#53  
2,4-Dinitrophenol  
Concen: 25.775 ng  
RT: 10.09 min Scan# 1360  
Delta R.T. -0.01 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 62.2  | 54.2  | 81.2   |
| 154     | 102.3 | 184.0 | 276.0# |

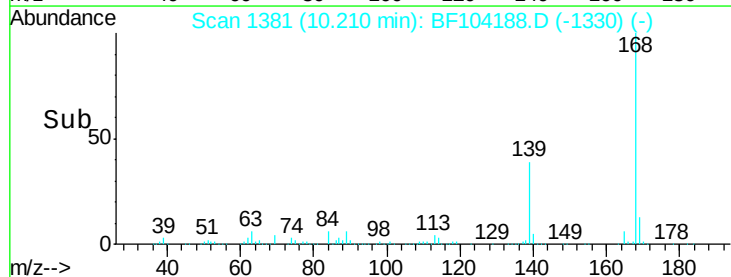
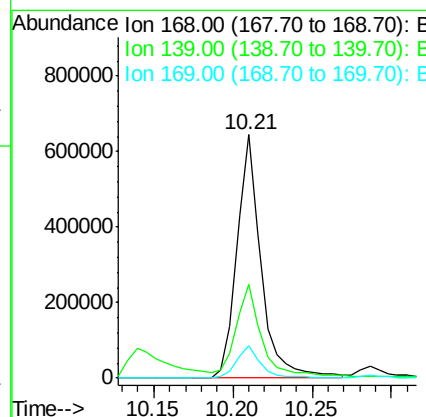
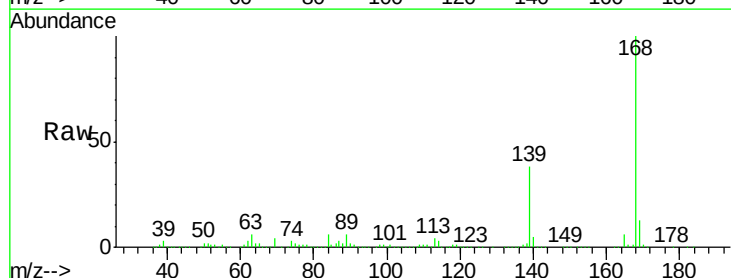
Manual Integrations  
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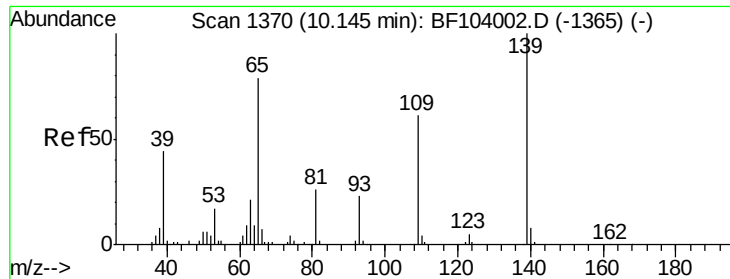
Sohil  
4/4/2018 4:09:43 PM



#54  
Dibenzofuran  
Concen: 41.240 ng  
RT: 10.21 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.4  | 30.1  | 45.1  |
| 169     | 13.3  | 10.9  | 16.3  |





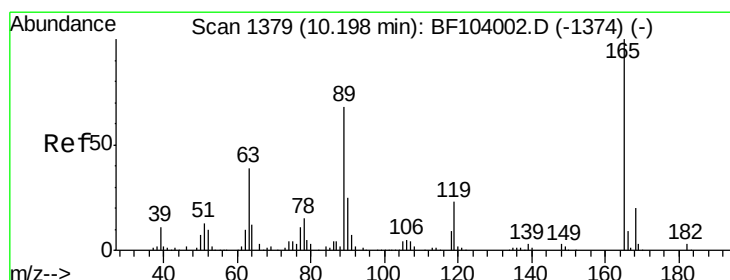
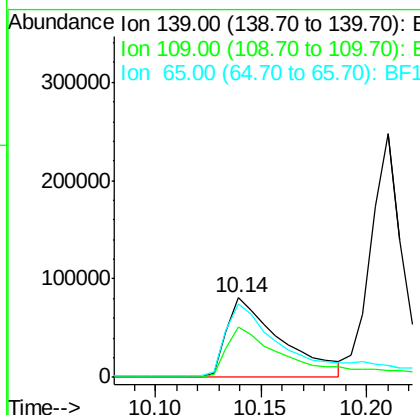
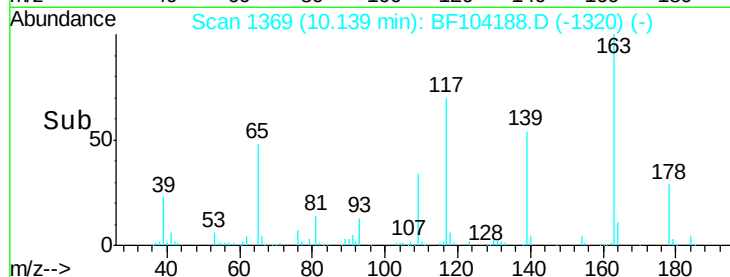
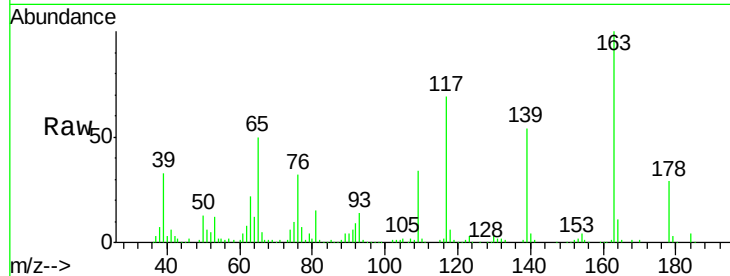
#55  
4-Nitrophenol  
Concen: 64.071 ng  
RT: 10.14 min Scan# 1369  
Delta R.T. -0.01 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 143677 |       |       |
| 109     | 64.1  | 48.4   | 88.4  |       |
| 65      | 93.3  | 72.6   | 112.6 |       |

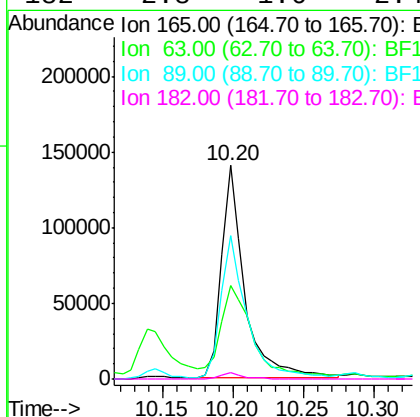
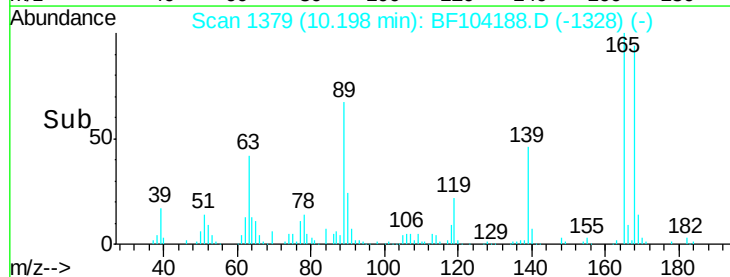
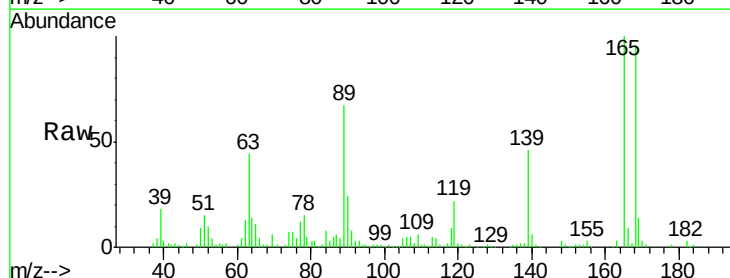
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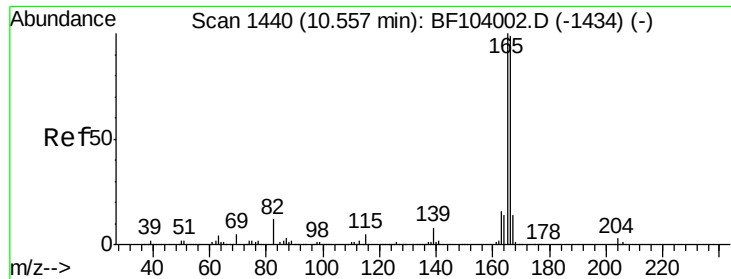


#56  
2,4-Dinitrotoluene  
Concen: 39.187 ng  
RT: 10.20 min Scan# 1379  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 162685 |       |       |
| 63      | 43.9  | 36.4   | 54.6  |       |
| 89      | 67.1  | 57.8   | 86.6  |       |
| 182     | 2.8   | 1.6    | 2.4   | #     |







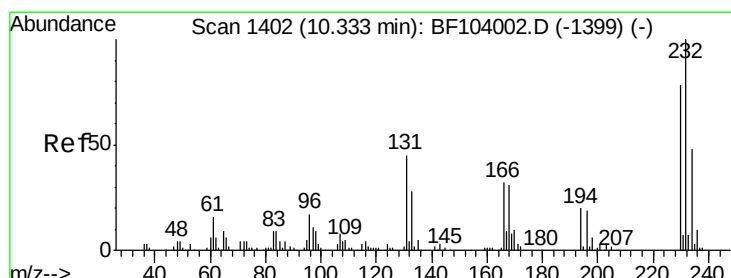
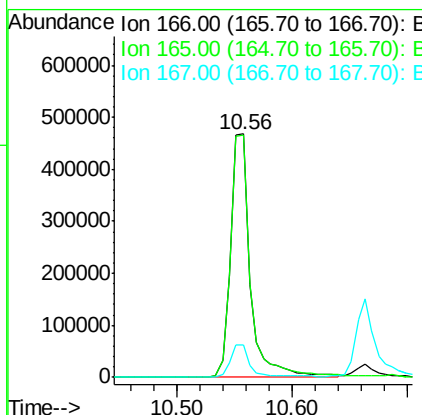
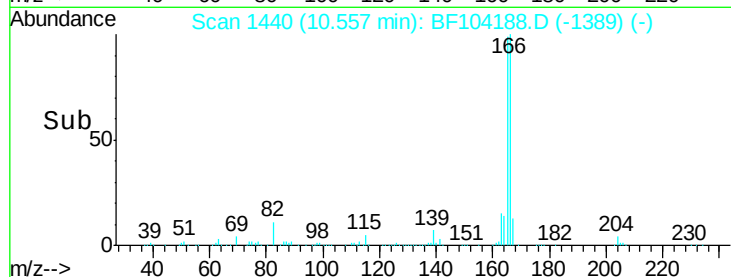
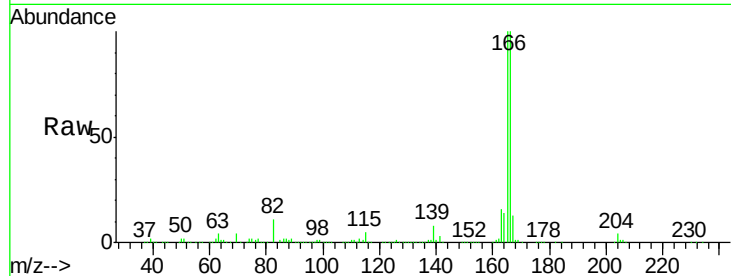
#57  
 Fluorene  
 Concen: 40.252 ng  
 RT: 10.56 min Scan# 1440  
 Delta R.T. 0.00 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.6  | 79.8  | 119.8 |
| 167     | 13.3  | 10.6  | 16.0  |

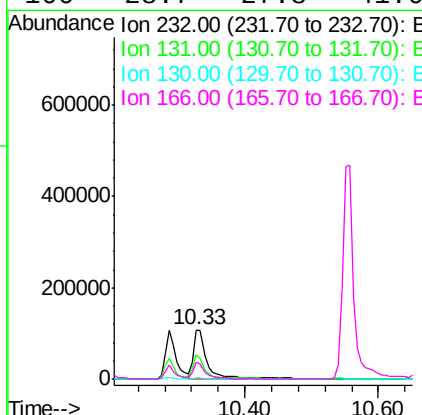
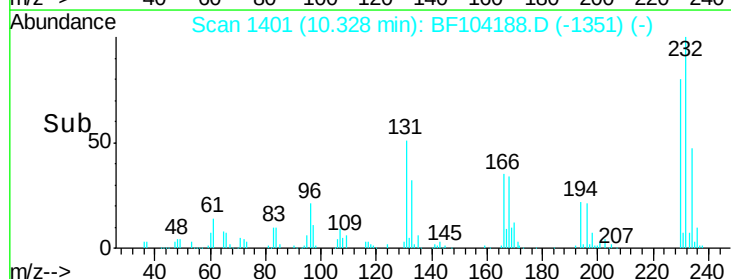
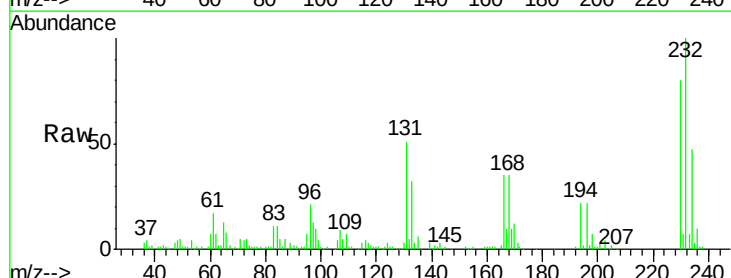
Manual Integrations  
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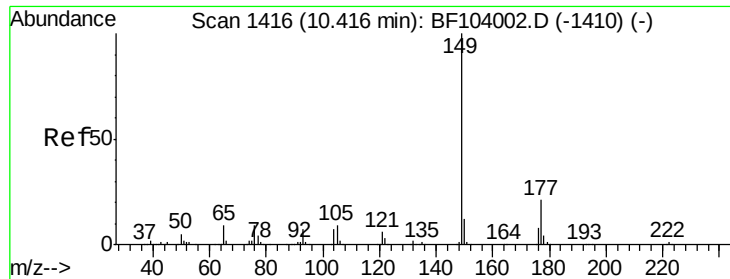
Sohil  
 4/4/2018 4:09:43 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.080 ng  
 RT: 10.33 min Scan# 1401  
 Delta R.T. -0.01 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 42.1  | 43.8  | 65.8# |
| 130     | 2.4   | 2.1   | 3.1   |
| 166     | 28.7  | 27.8  | 41.6  |





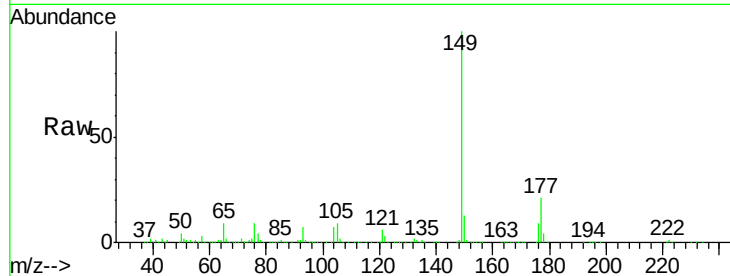
#59  
Diethylphthalate  
Concen: 39.440 ng  
RT: 10.41 min Scan# 1415  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

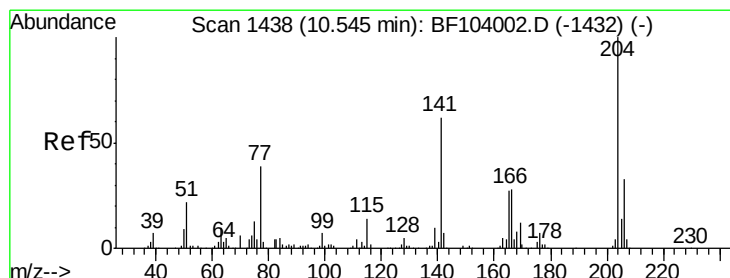
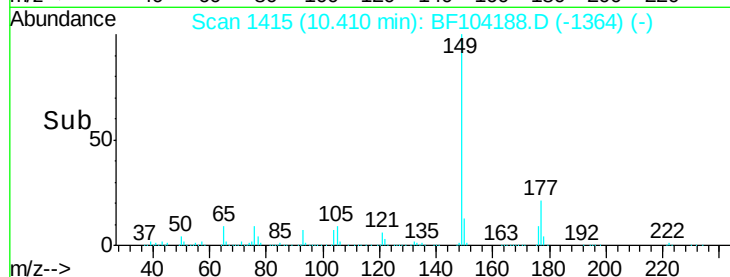
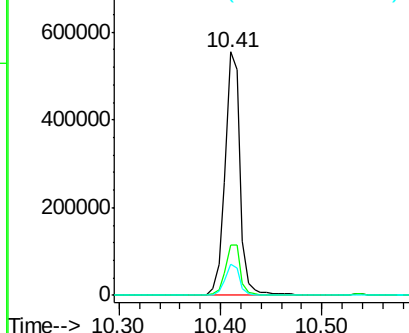
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.7  | 16.1  | 24.1  |
| 150     | 12.7  | 10.1  | 15.1  |

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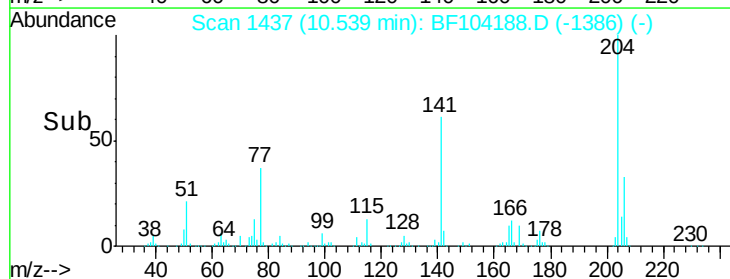
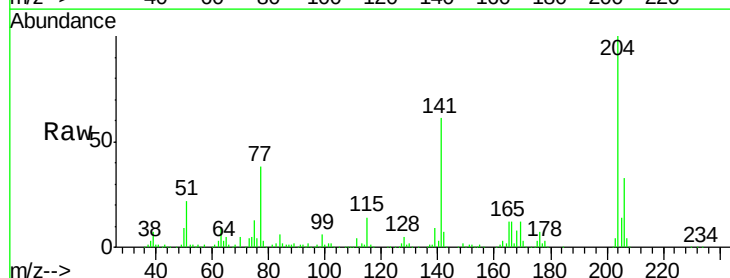
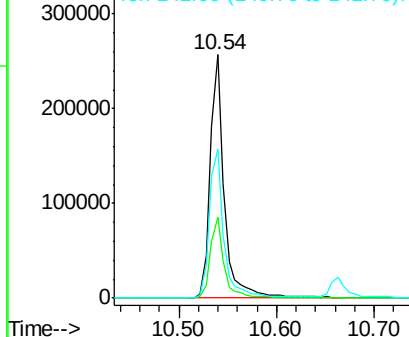
Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

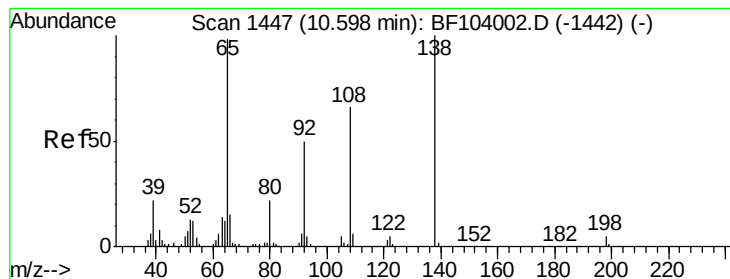


#60  
4-Chlorophenyl-phenylether  
Concen: 41.191 ng  
RT: 10.54 min Scan# 1437  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.3  | 26.5  | 39.7  |
| 141     | 61.2  | 54.6  | 81.8  |

Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.366 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA\_F

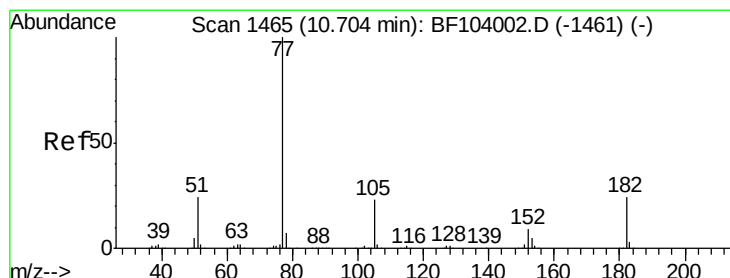
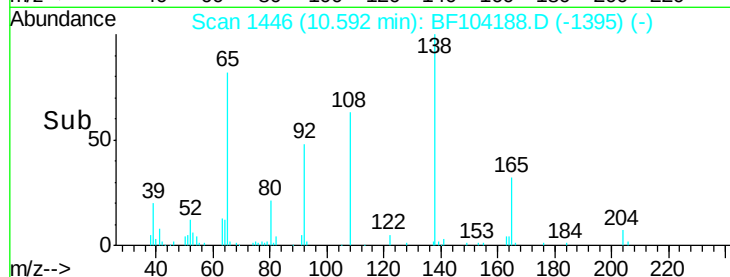
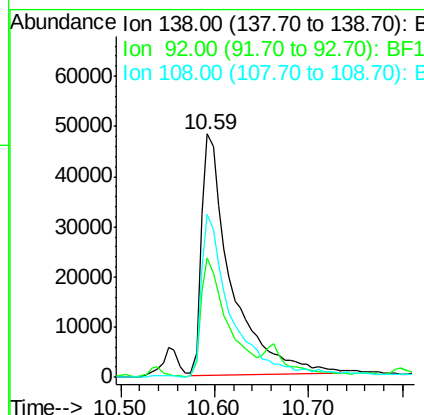
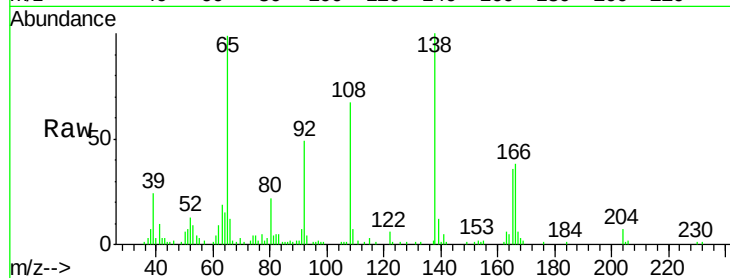
ClientSampleId :

6-WM-DIP-6-EW(2.5-5)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 138   | Resp: | 106265 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 48.9  | 30.2  | 70.2   |
| 108       | 66.9  | 52.5  | 92.5   |

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#62

Azobenzene

Concen: 38.180 ng

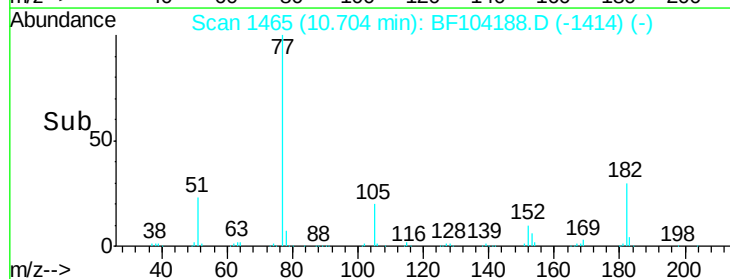
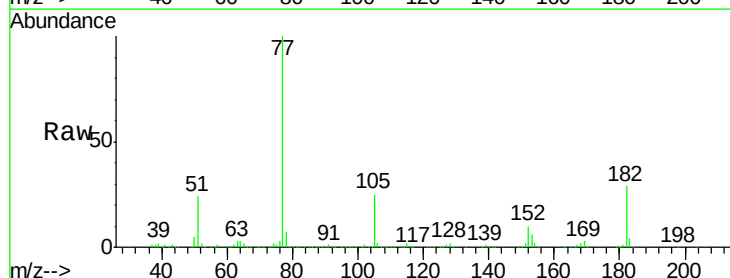
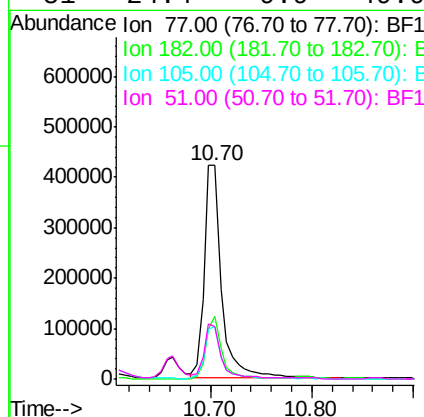
RT: 10.70 min Scan# 1465

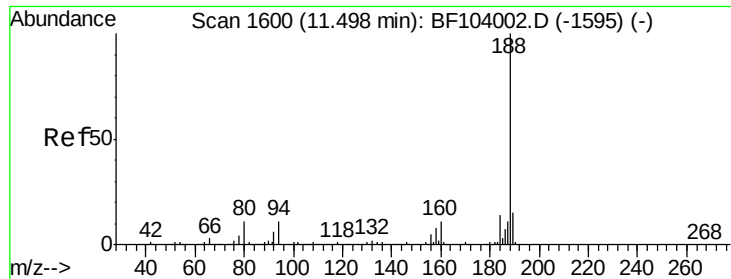
Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 500140 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 29.5  | 1.7   | 41.7   |
| 105       | 24.8  | 3.0   | 43.0   |
| 51        | 24.4  | 9.9   | 49.9   |





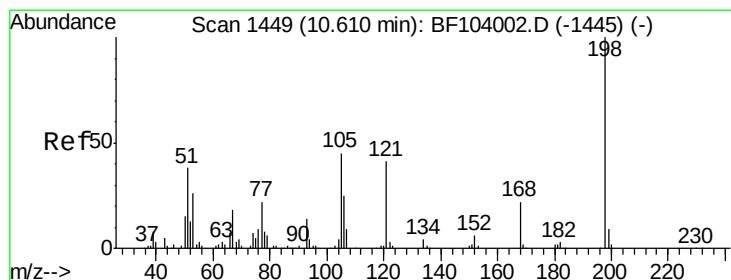
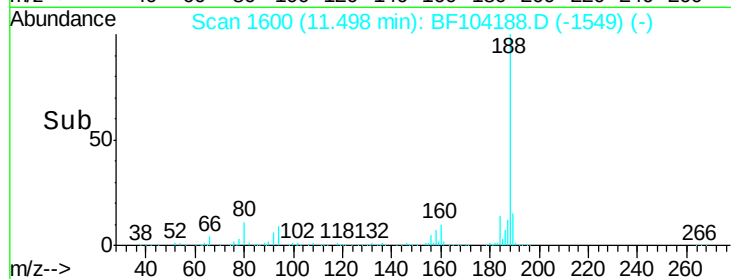
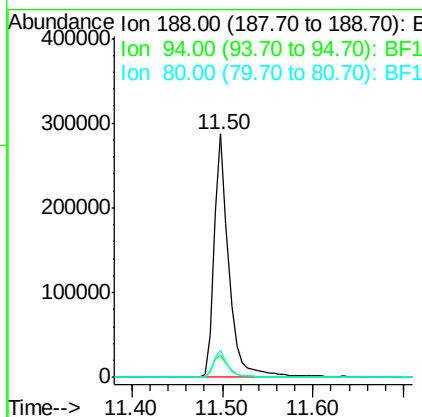
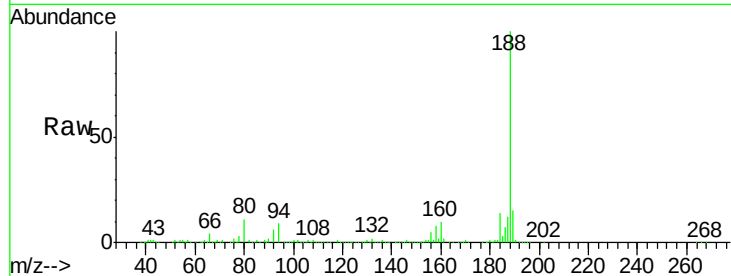
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 326788 |       |       |
| 94      | 9.3   |        | 8.5   | 12.7  |
| 80      | 11.1  |        | 9.2   | 13.8  |

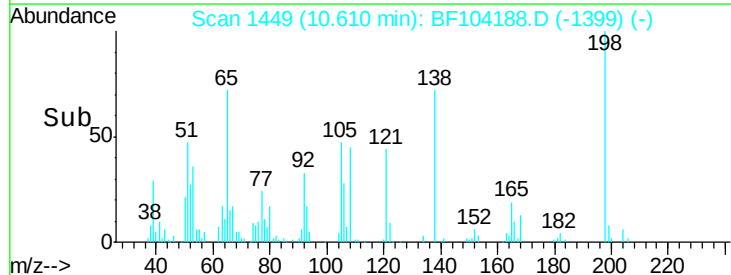
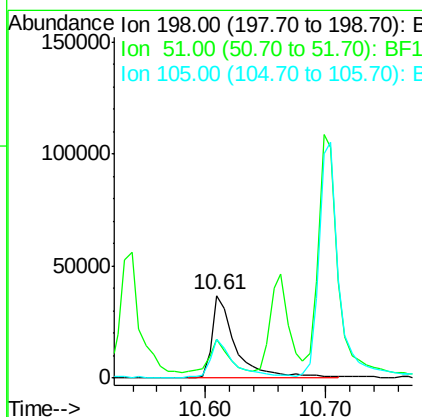
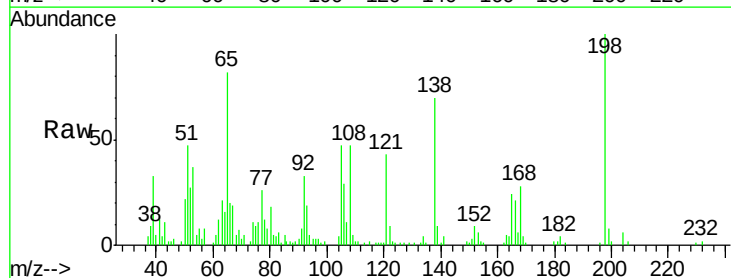
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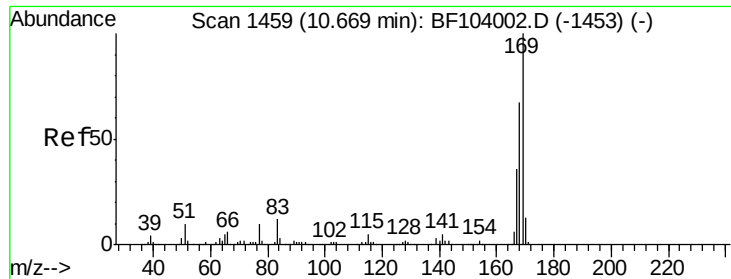
Sohil  
4/4/2018 4:09:43 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 25.380 ng  
RT: 10.61 min Scan# 1449  
Delta R.T. -0.01 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 50204 |       |       |
| 51      | 47.1  |       | 37.7  | 77.7  |
| 105     | 47.0  |       | 36.3  | 76.3  |





#65

n-Nitrosodiphenylamine

Concen: 43.131 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA\_F

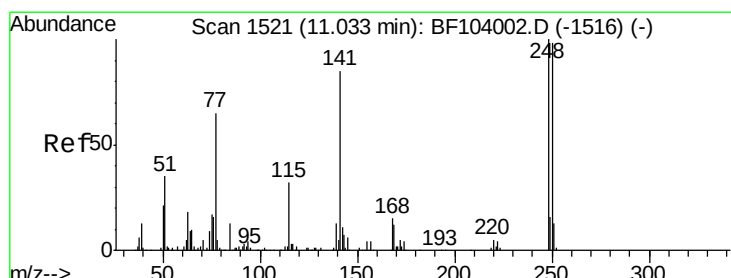
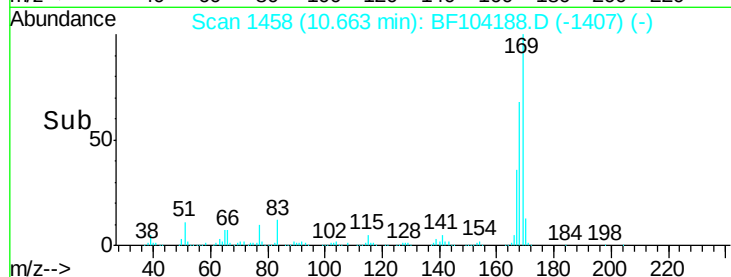
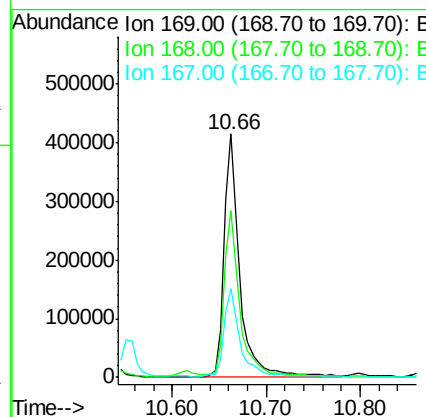
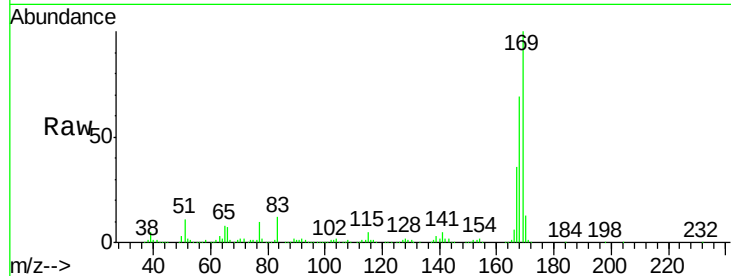
ClientSampleId :

6-WM-DIP-6-EW(2.5-5)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 477343 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 68.6  | 54.4  | 81.6   |
| 167       | 36.4  | 29.8  | 44.6   |

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#66

4-Bromophenyl-phenylether

Concen: 42.264 ng

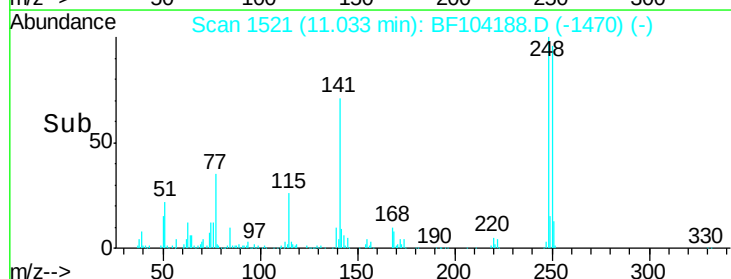
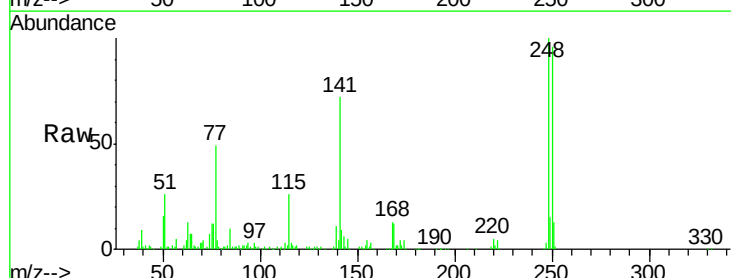
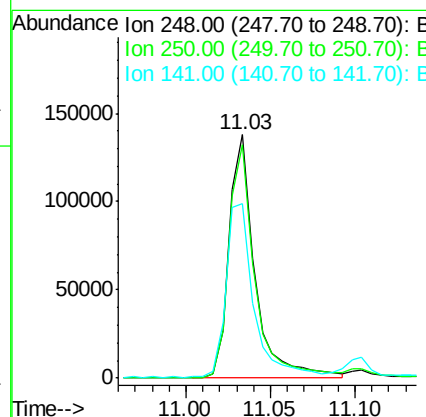
RT: 11.03 min Scan# 1521

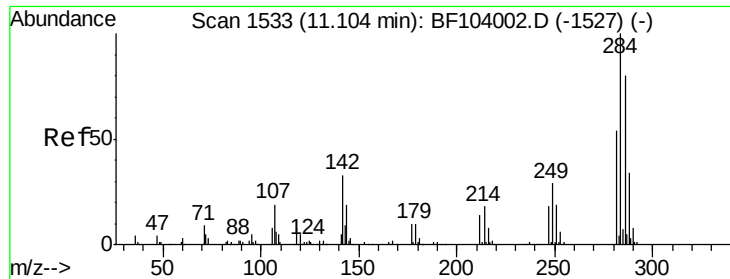
Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 147760 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 95.9  | 76.9  | 115.3  |
| 141       | 71.8  | 74.4  | 111.6# |





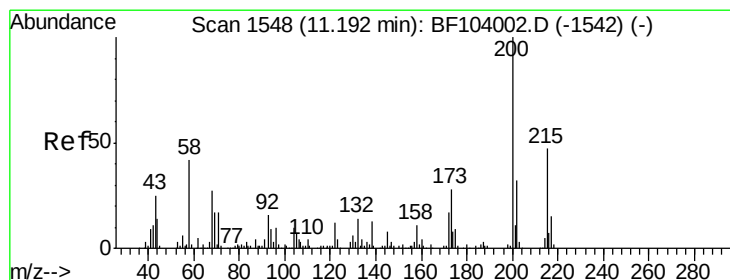
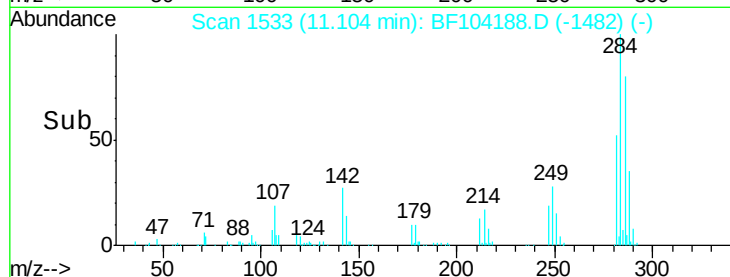
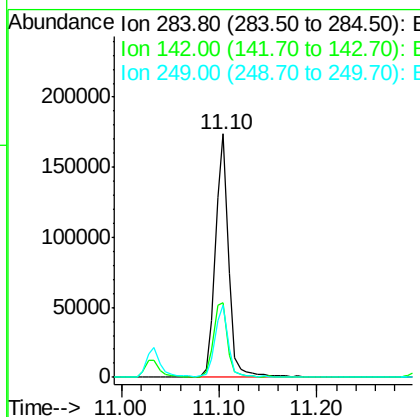
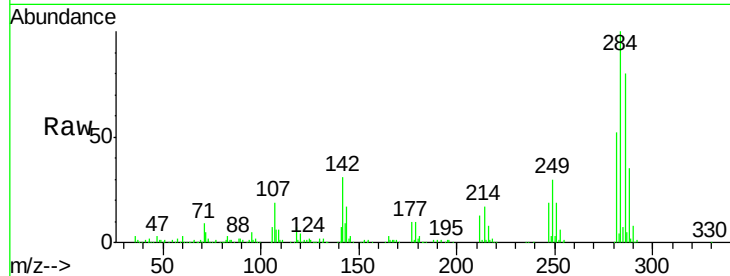
#67  
Hexachlorobenzene  
Concen: 40.705 ng  
RT: 11.10 min Scan# 1533  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 163703 |       |       |
| 142     | 30.8  | 34.6   | 52.0# |       |
| 249     | 29.7  | 24.8   | 37.2  |       |

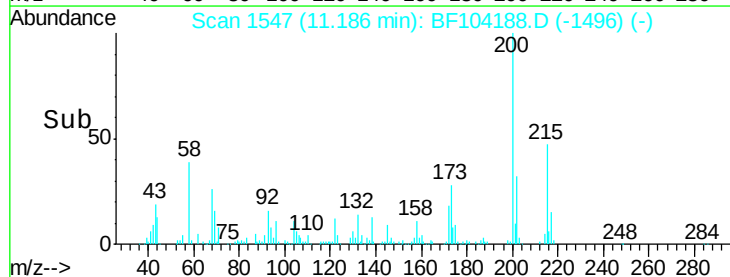
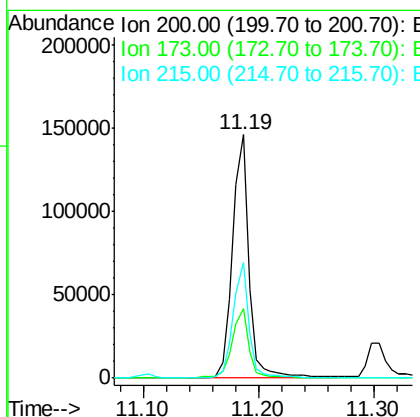
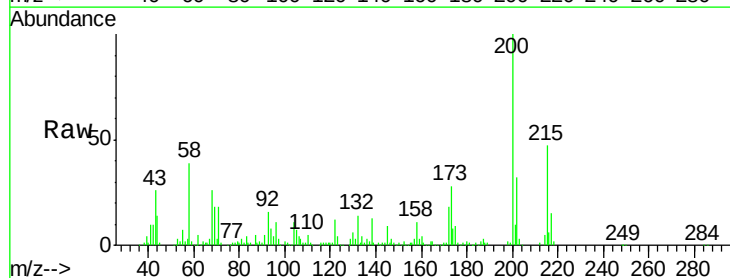
Manual Integrations  
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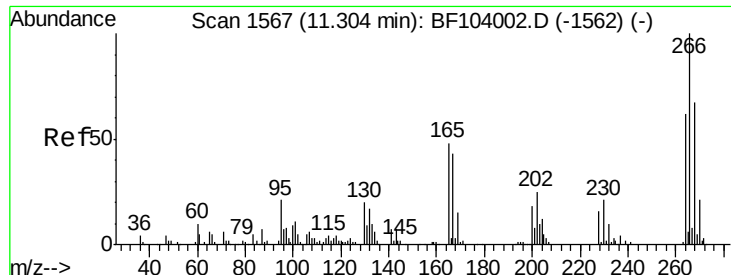
Sohil  
4/4/2018 4:09:43 PM



#68  
Atrazine  
Concen: 42.672 ng  
RT: 11.19 min Scan# 1547  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 144681 |       |       |
| 173     | 28.5  | 8.6    | 48.6  |       |
| 215     | 47.4  | 25.1   | 65.1  |       |





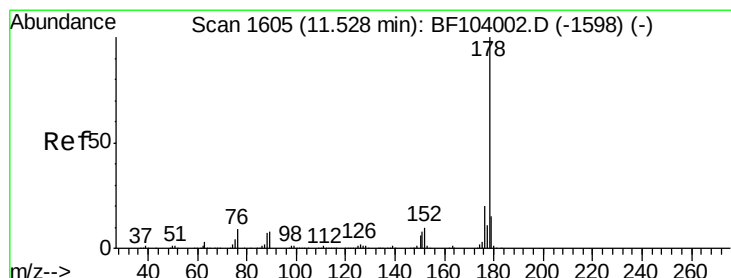
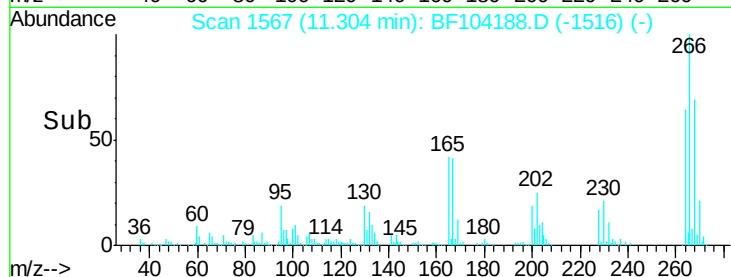
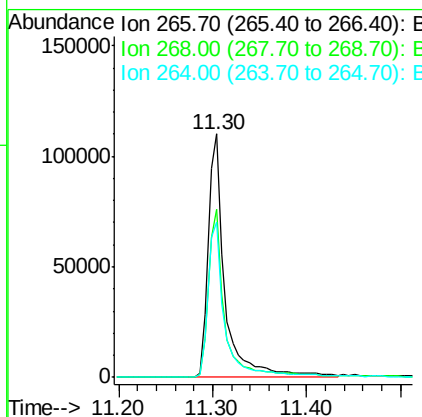
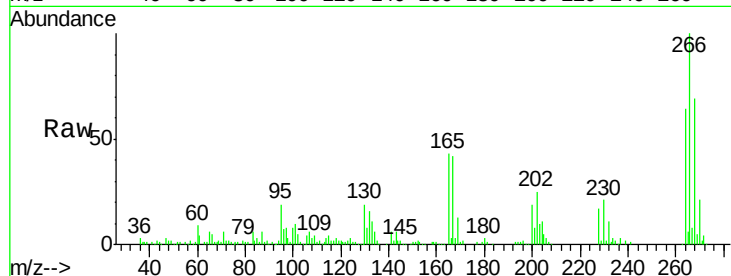
#69  
 Pentachlorophenol  
 Concen: 63.054 ng  
 RT: 11.30 min Scan# 1567  
 Delta R.T. 0.00 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 68.8  | 51.1  | 76.7  |
| 264     | 63.6  | 49.5  | 74.3  |

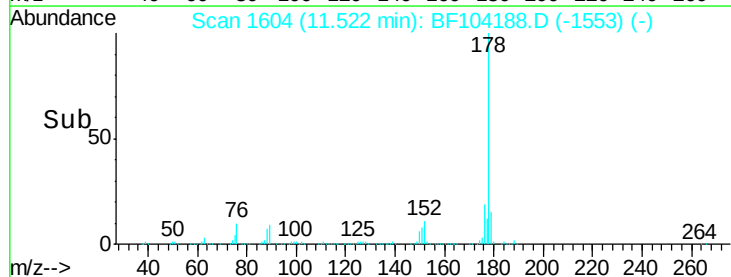
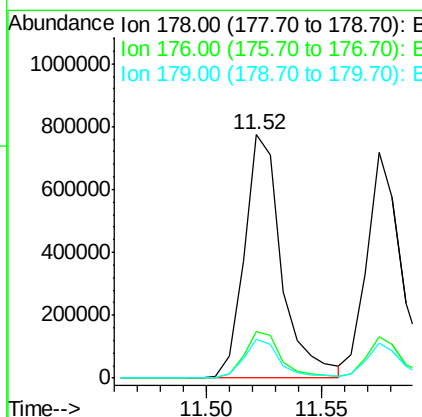
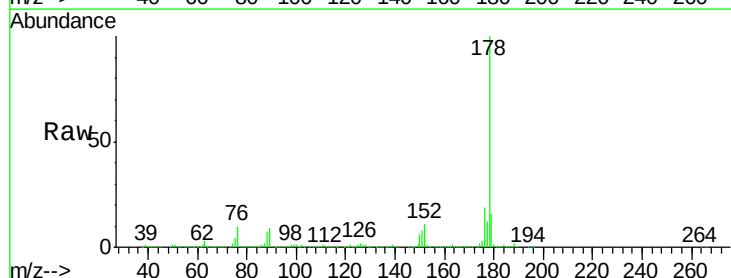
Manual Integrations  
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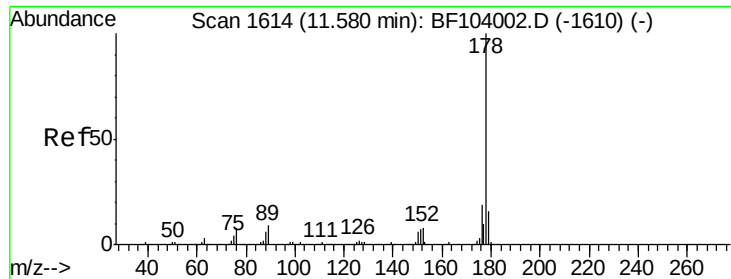
Sohil  
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#70  
 Phenanthrene  
 Concen: 49.414 ng  
 RT: 11.52 min Scan# 1604  
 Delta R.T. 0.00 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.8  | 23.8  |
| 179     | 15.8  | 13.0  | 19.6  |





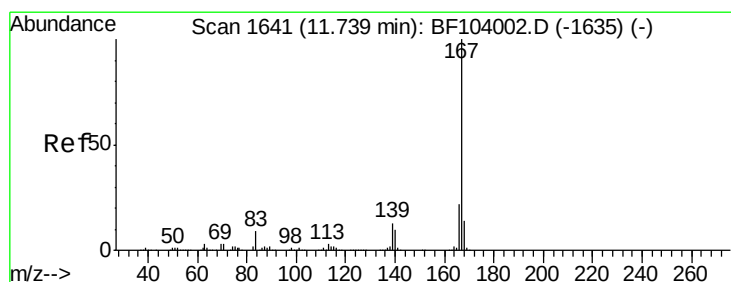
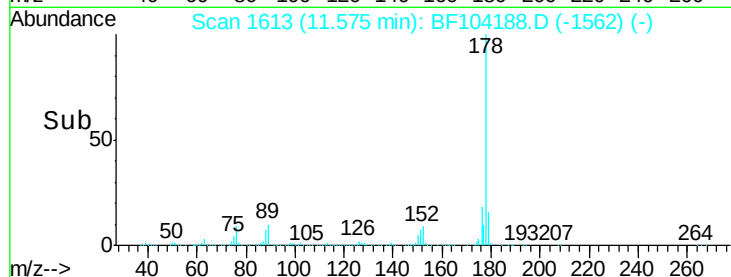
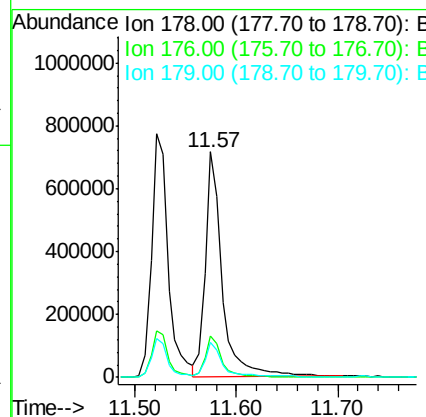
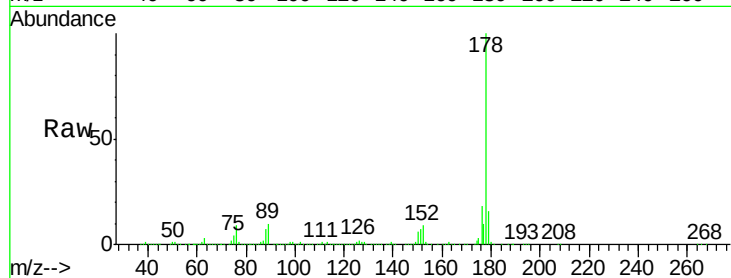
#71  
 Anthracene  
 Concen: 44.638 ng  
 RT: 11.57 min Scan# 1613  
 Delta R.T. 0.00 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.3  | 15.4  | 23.2  |
| 179     | 15.8  | 12.6  | 19.0  |

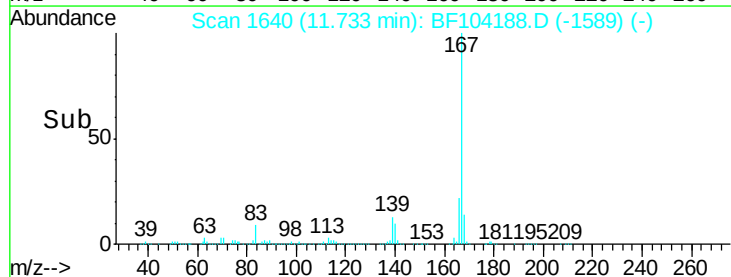
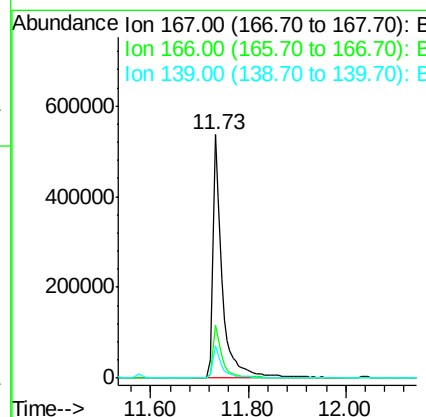
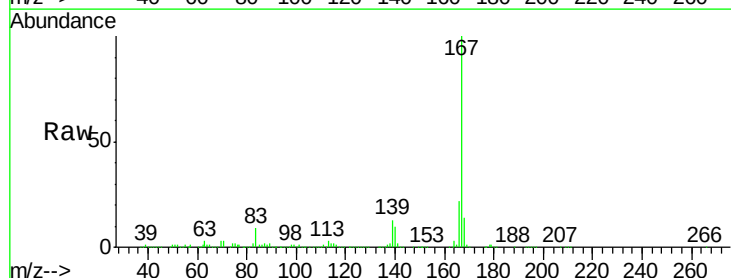
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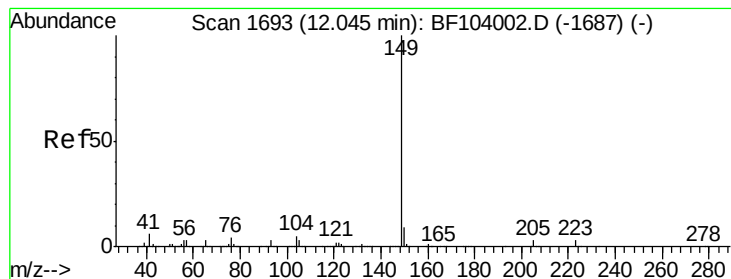


#72  
 Carbazole  
 Concen: 41.142 ng  
 RT: 11.73 min Scan# 1640  
 Delta R.T. 0.00 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.8  | 17.6  | 26.4  |
| 139     | 13.4  | 10.9  | 16.3  |







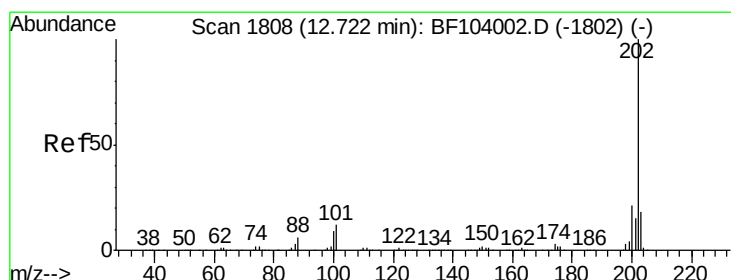
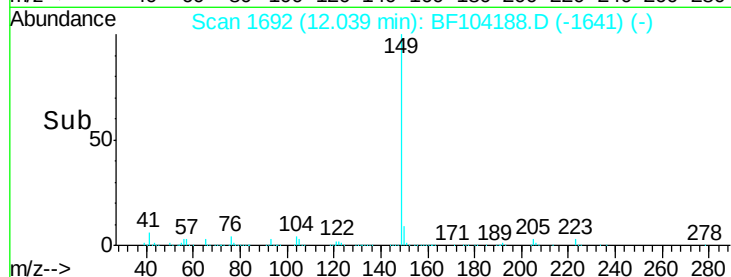
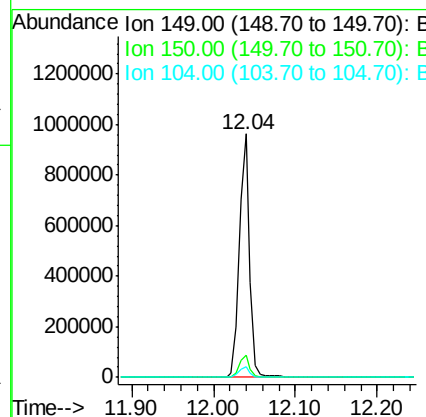
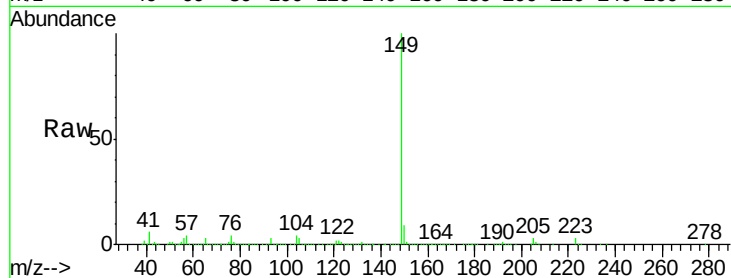
#73  
Di-n-butylphthalate  
Concen: 39.791 ng  
RT: 12.04 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 7.8   | 11.6  |
| 104     | 4.5   | 3.8   | 5.8   |

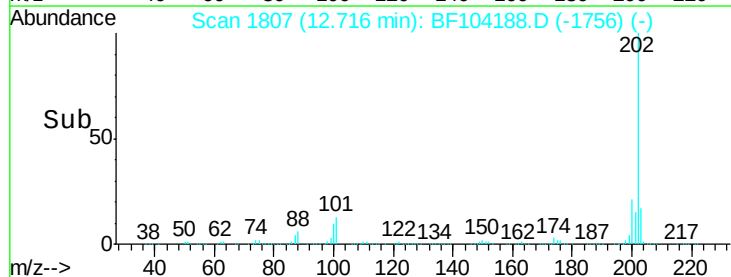
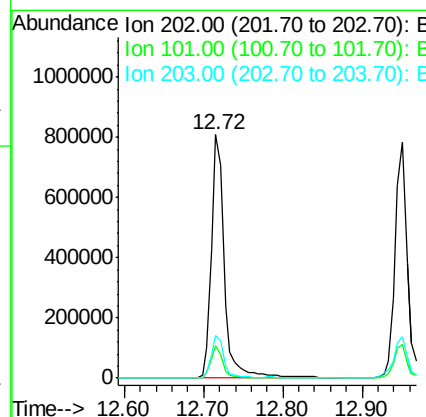
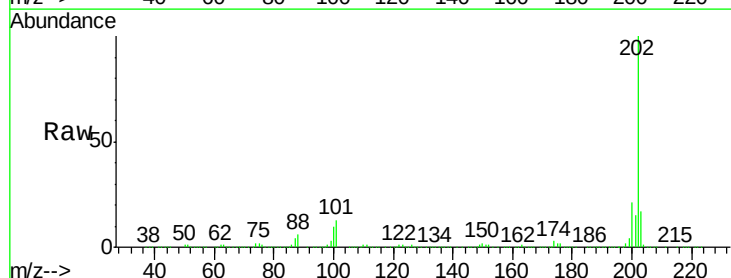
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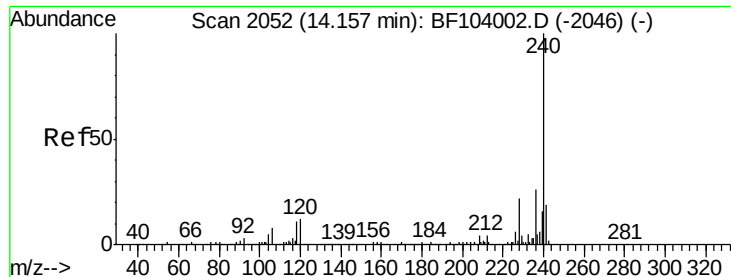
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#74  
Fluoranthene  
Concen: 49.251 ng  
RT: 12.72 min Scan# 1807  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.2  | 0.0   | 34.1  |
| 203     | 17.4  | 0.0   | 38.1  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA\_F

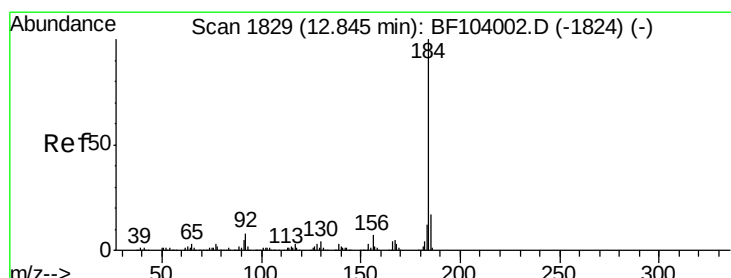
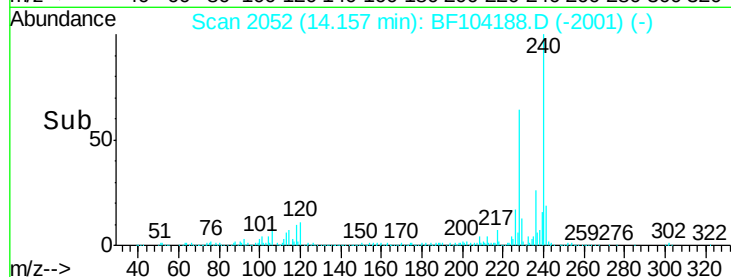
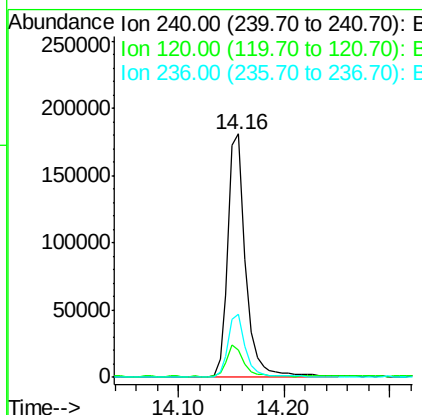
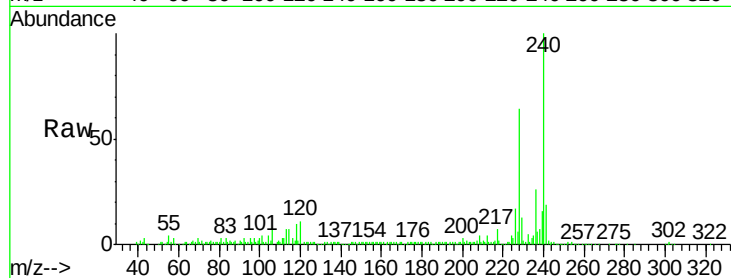
ClientSampleId :

6-WM-DIP-6-EW(2.5-5)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 213012 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.2  | 9.5   | 14.3   |
| 236       | 25.9  | 20.7  | 31.1   |

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#76

Benzidine

Concen: 30.715 ng

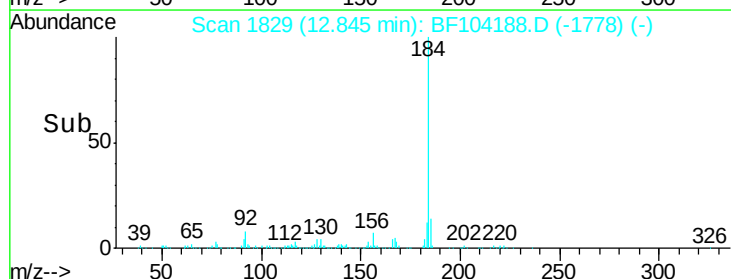
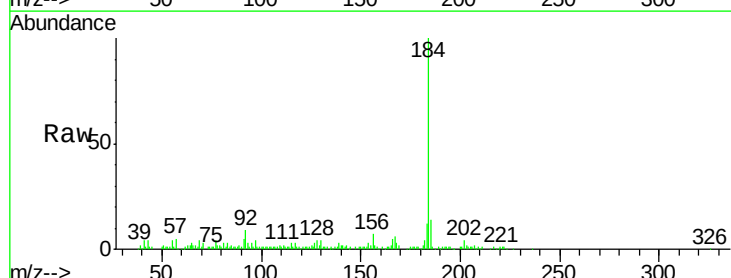
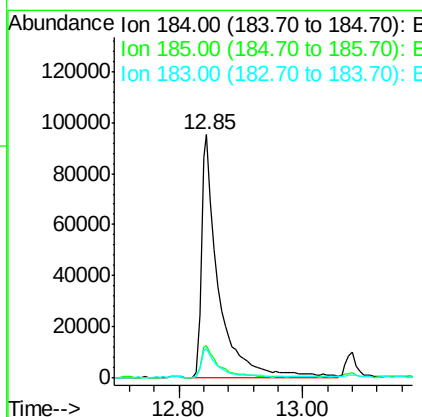
RT: 12.85 min Scan# 1829

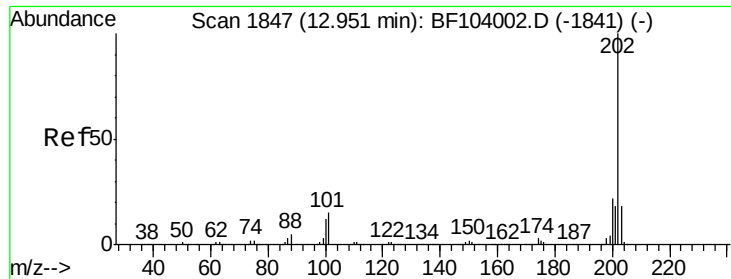
Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 186448 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.5  | 12.6  | 18.8   |
| 183       | 12.3  | 9.3   | 13.9   |





#77

Pvrene

Concen: 56.789 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF104188.D

Acq: 3 Apr 2018 19:19

Instrument :

BNA\_F

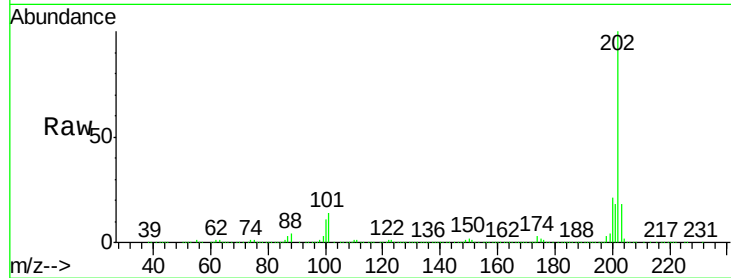
ClientSampleId :

6-WM-DIP-6-EW(2.5-5)MSD

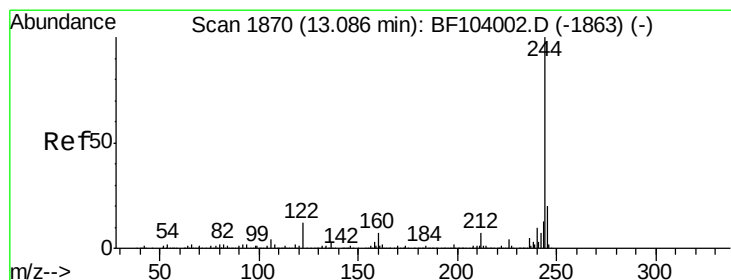
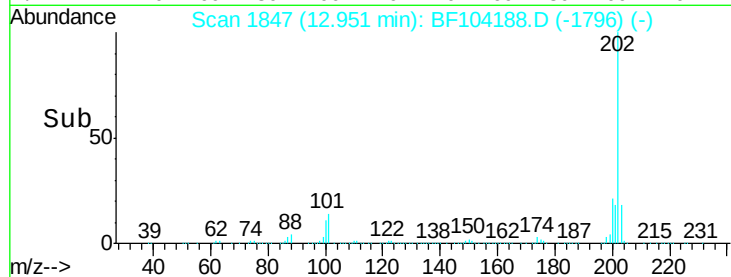
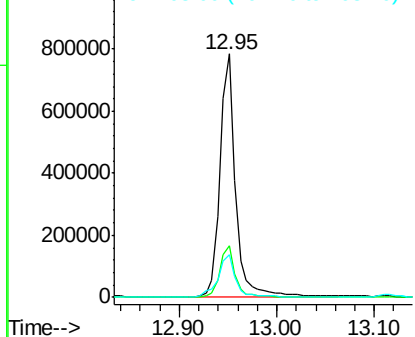
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 869577 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 200       | 21.0 | 17.4  | 26.2   |
| 203       | 17.8 | 14.3  | 21.5   |

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



#78

Terphenyl-d14

Concen: 91.348 ng

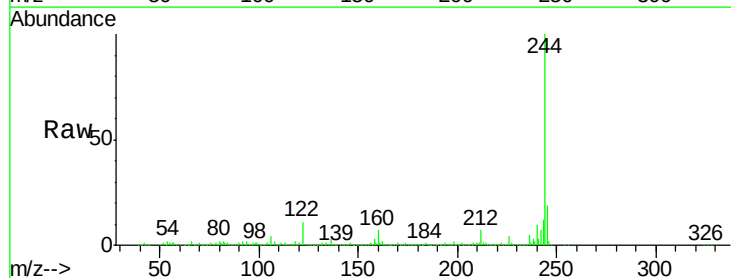
RT: 13.08 min Scan# 1869

Delta R.T. 0.00 min

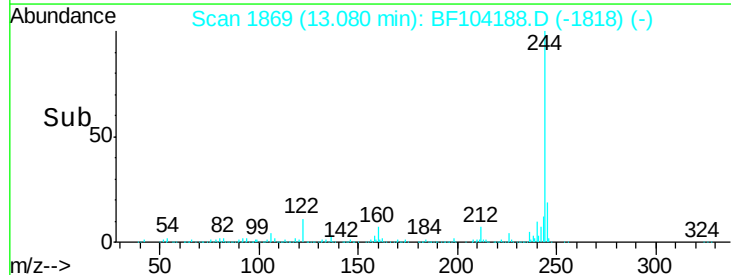
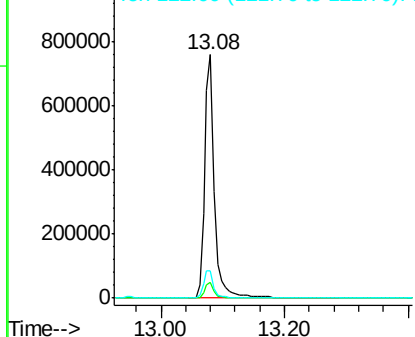
Lab File: BF104188.D

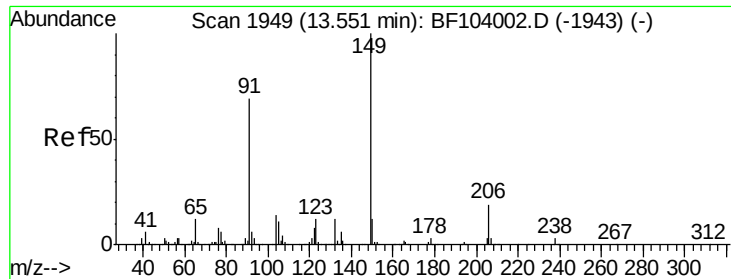
Acq: 3 Apr 2018 19:19

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 244  | Resp: | 842728 |
| Ion Ratio |      | Lower | Upper  |
| 244       | 100  |       |        |
| 212       | 6.6  | 5.4   | 8.0    |
| 122       | 11.4 | 11.0  | 16.4   |



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





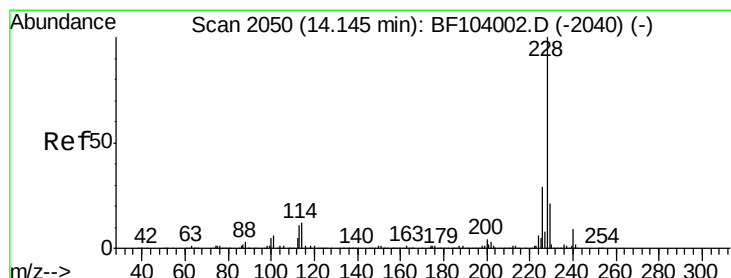
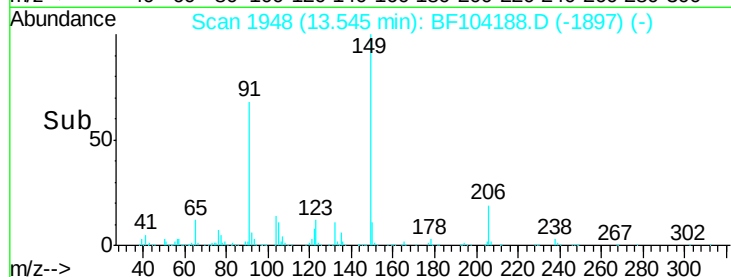
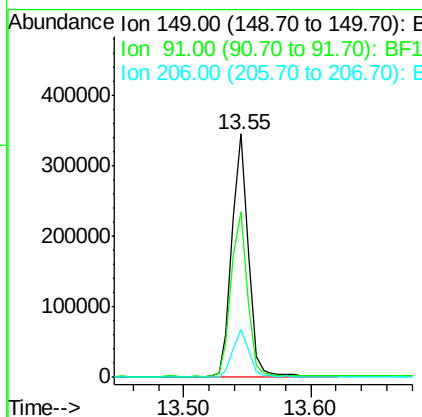
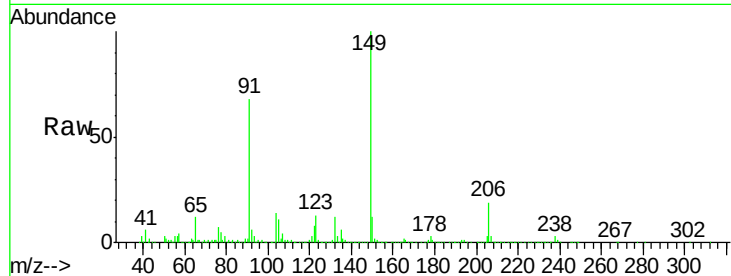
#79  
Butylbenzylphthalate  
Concen: 42.163 ng  
RT: 13.55 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.0  | 56.8  | 85.2  |
| 206     | 19.5  | 14.1  | 21.1  |

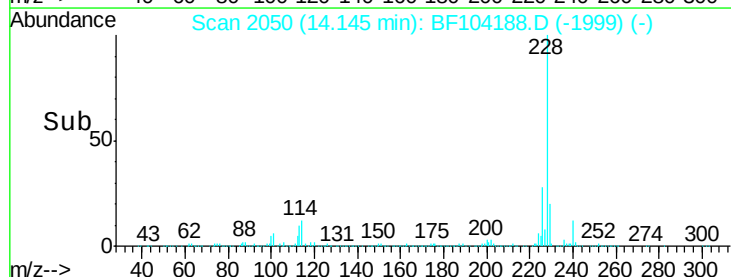
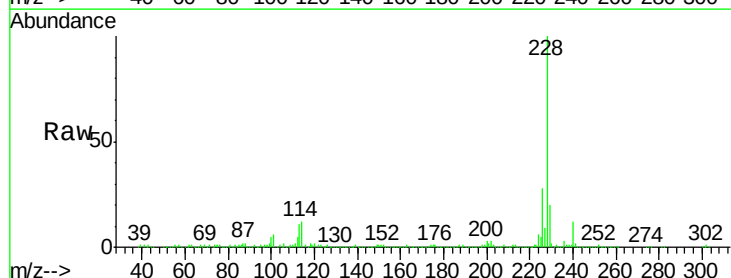
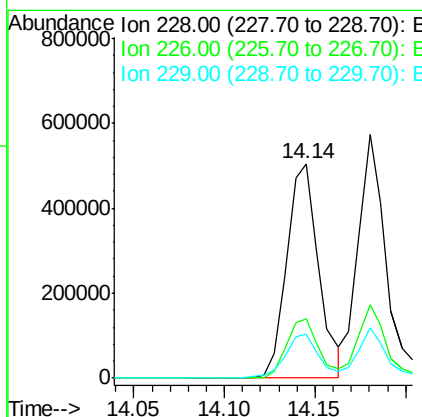
Manual Integrations  
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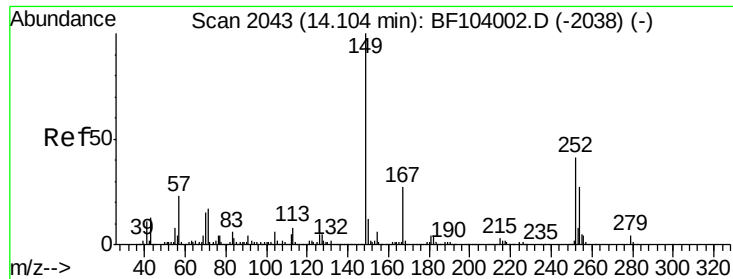
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#80  
Benzo(a)anthracene  
Concen: 46.662 ng  
RT: 14.14 min Scan# 2050  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.9  | 22.6  | 33.8  |
| 229     | 20.3  | 15.8  | 23.6  |





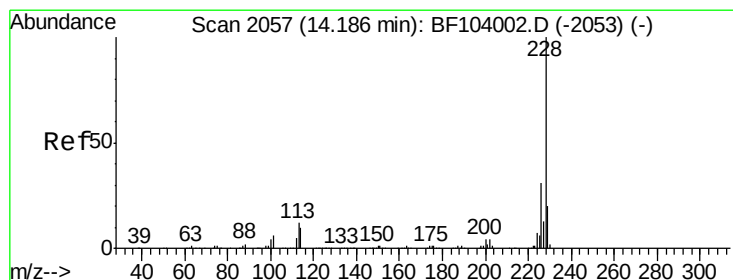
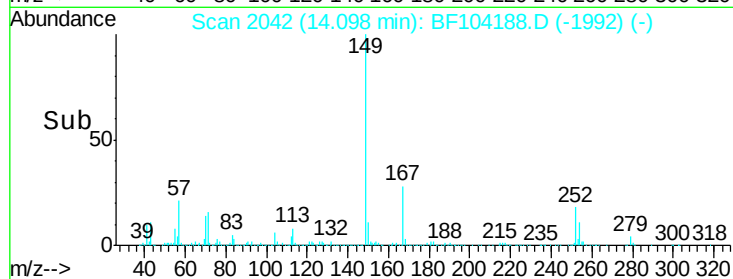
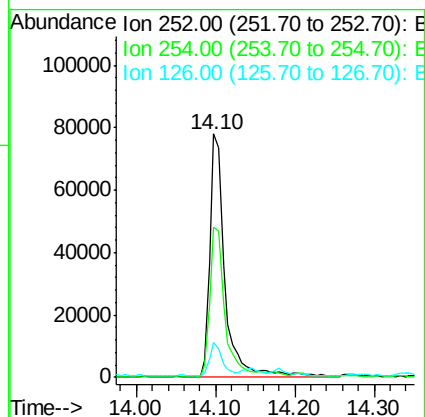
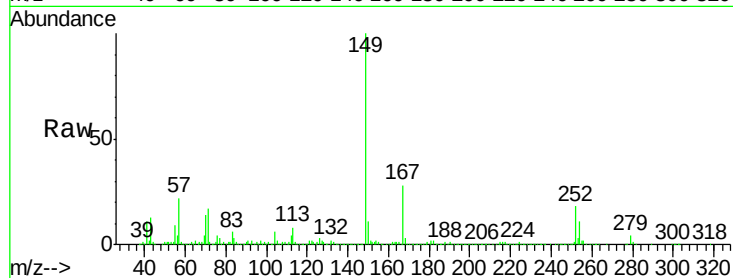
#81  
 3,3'-Dichlorobenzidine  
 Concen: 23.918 ng  
 RT: 14.10 min Scan# 2042  
 Delta R.T. -0.01 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 61.7  | 50.4  | 75.6  |
| 126     | 14.3  | 11.3  | 16.9  |

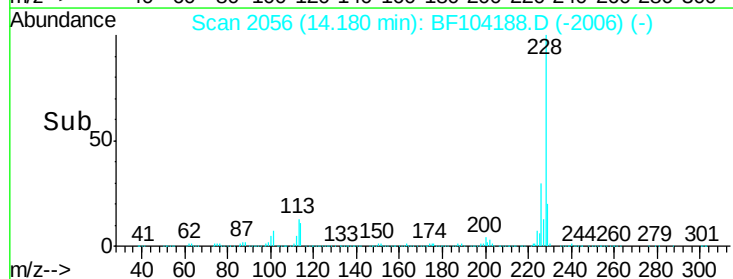
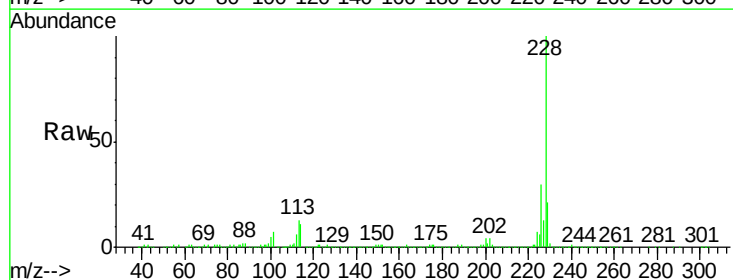
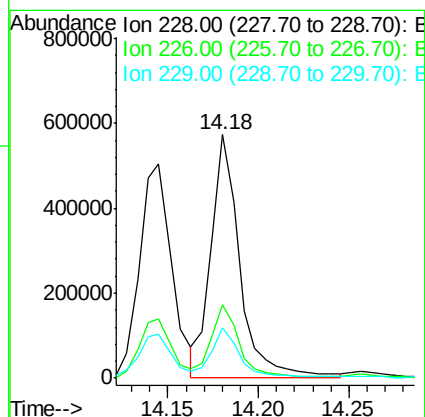
Manual Integrations  
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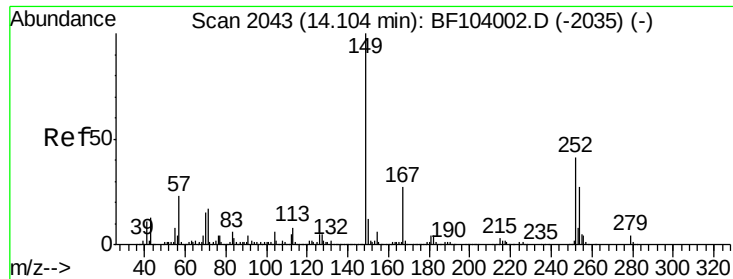
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#82  
 Chrysene  
 Concen: 48.709 ng  
 RT: 14.18 min Scan# 2056  
 Delta R.T. -0.01 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.1  | 25.0  | 37.6  |
| 229     | 20.5  | 16.2  | 24.4  |





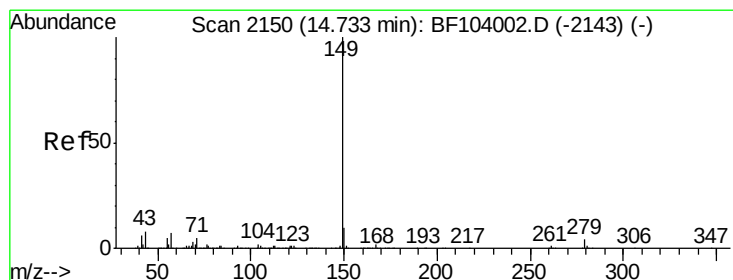
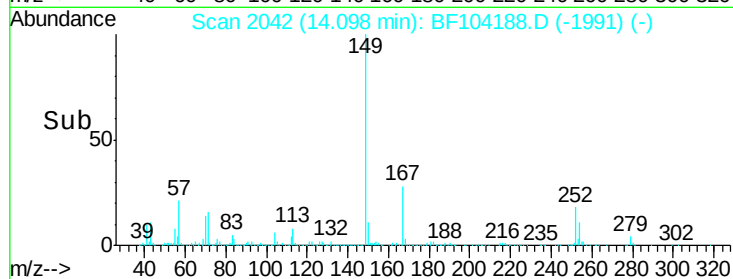
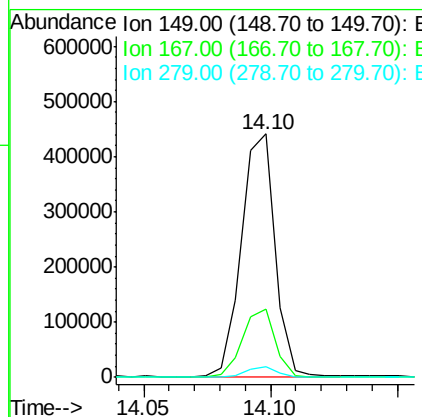
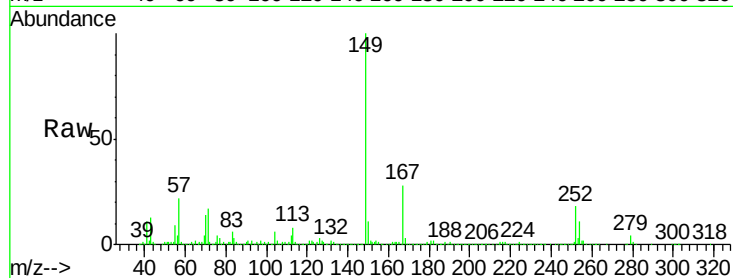
#83  
Bis(2-ethylhexyl)phthalate  
Concen: 43.356 ng  
RT: 14.10 min Scan# 2042  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.8  | 21.3  | 31.9  |
| 279     | 4.1   | 3.0   | 4.4   |

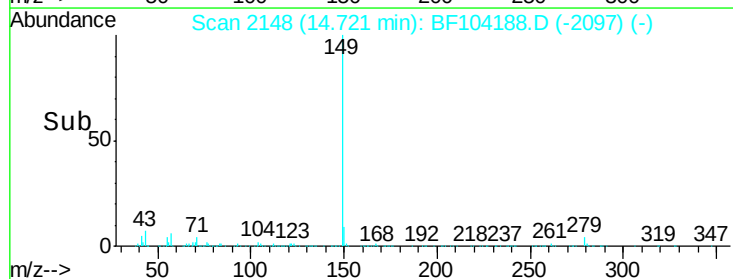
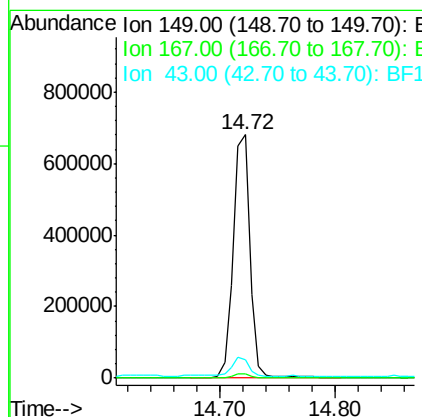
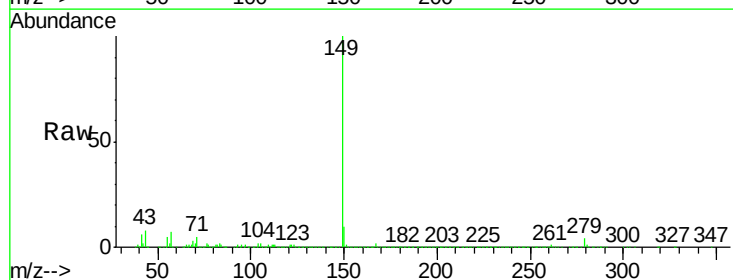
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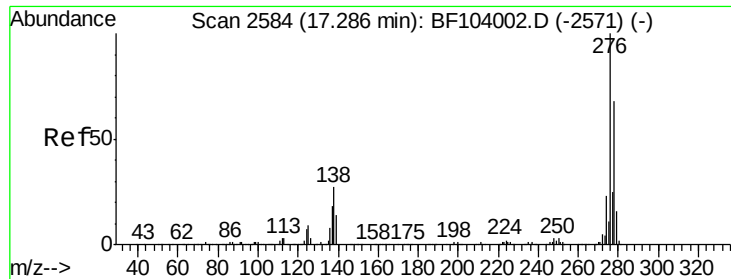
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#84  
Di-n-octyl phthalate  
Concen: 42.209 ng  
RT: 14.72 min Scan# 2148  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.2   | 1.8   |
| 43      | 7.7   | 8.4   | 12.6# |





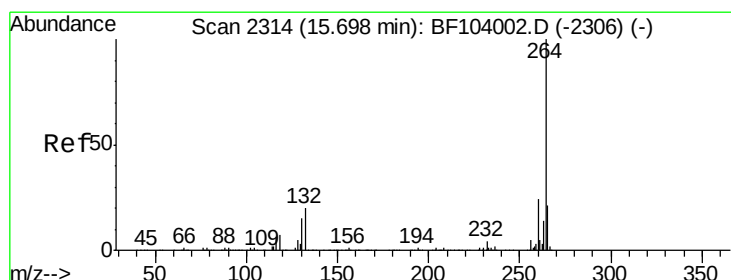
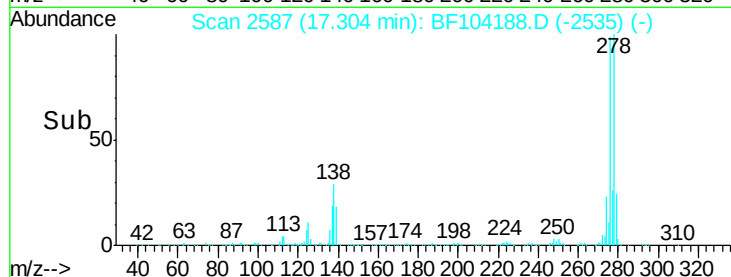
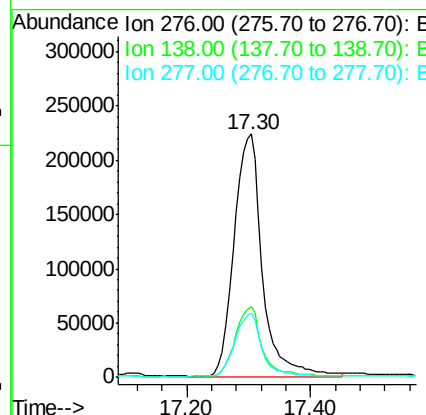
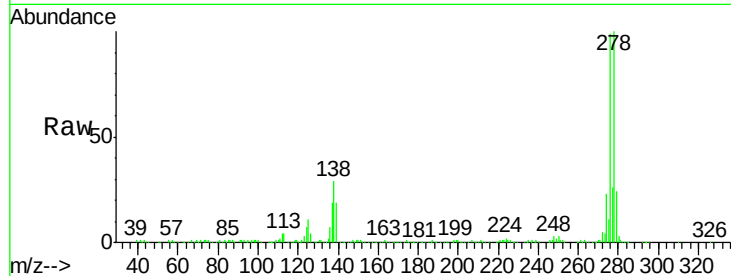
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 52.508 ng  
 RT: 17.30 min Scan# 2587  
 Delta R.T. 0.01 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 27.0  | 25.0  | 37.6  |
| 277     | 25.4  | 20.1  | 30.1  |

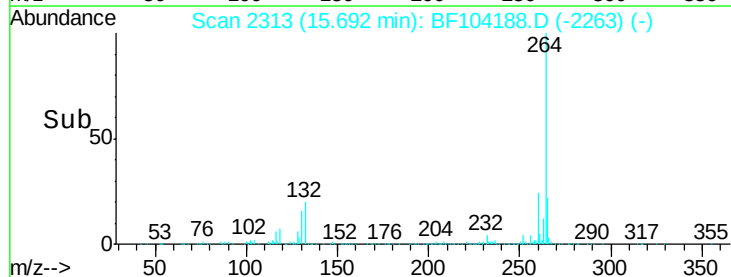
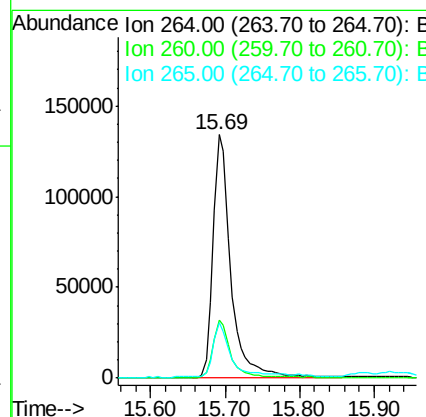
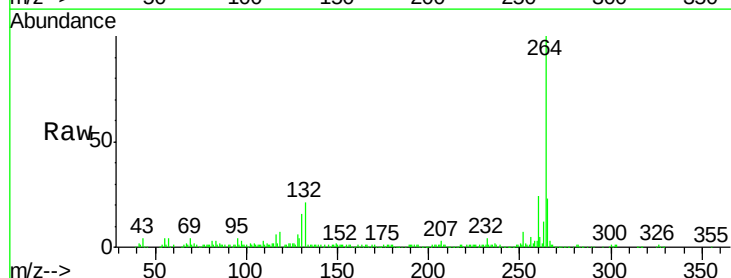
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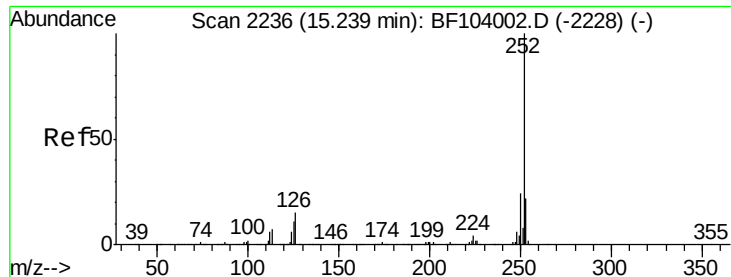
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.69 min Scan# 2313  
 Delta R.T. -0.01 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.2  | 28.8  |
| 265     | 22.7  | 17.5  | 26.3  |





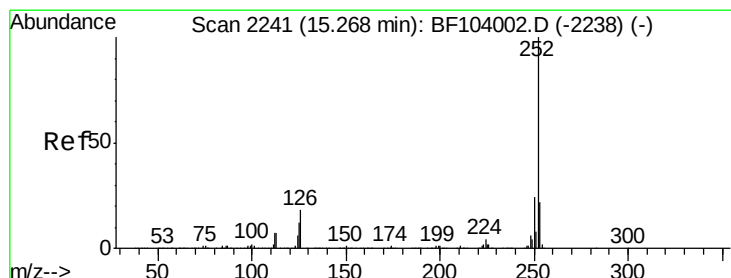
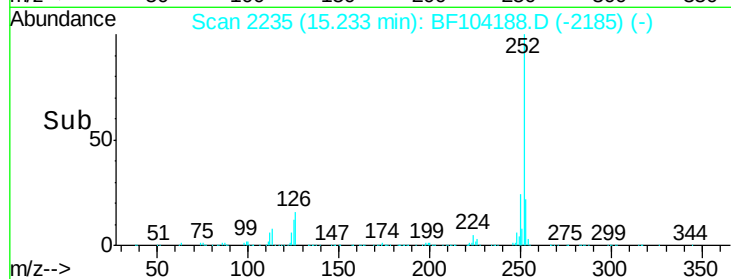
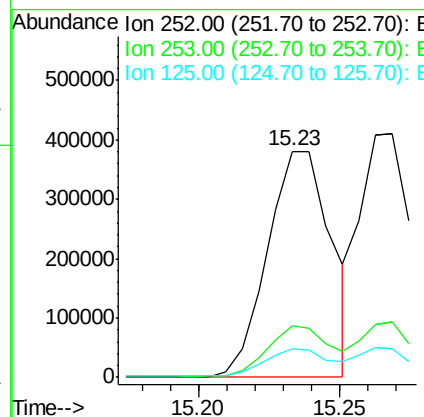
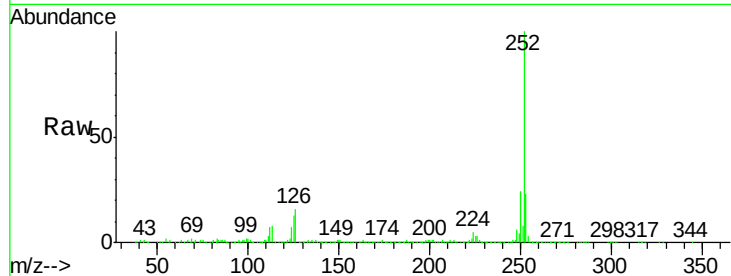
#87  
Benzo(b)fluoranthene  
Concen: 43.381 ng  
RT: 15.23 min Scan# 2235  
Delta R.T. -0.01 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 17.0  | 25.6  |
| 125     | 12.7  | 9.0   | 13.6  |

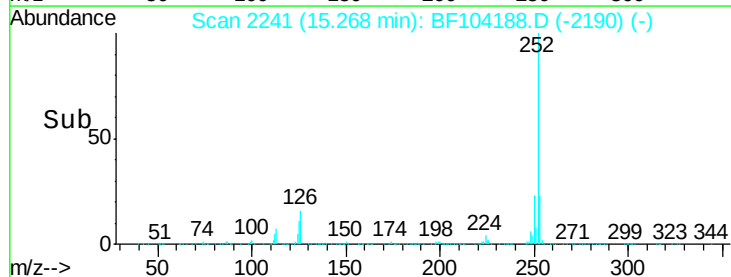
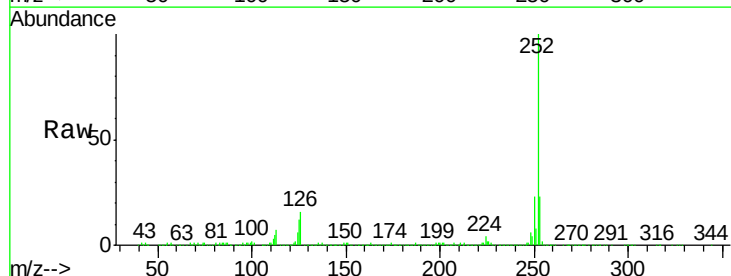
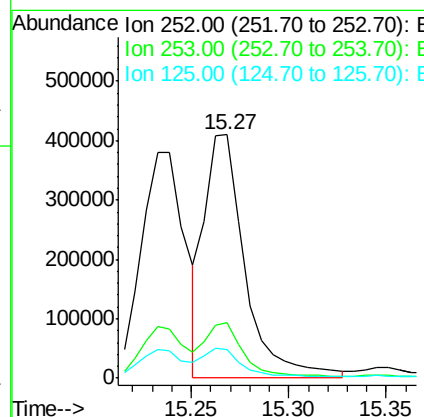
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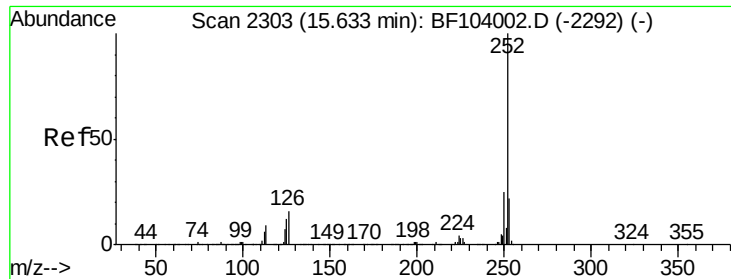


#88  
Benzo(k)fluoranthene  
Concen: 45.454 ng  
RT: 15.27 min Scan# 2241  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.9  | 26.9  |
| 125     | 11.5  | 10.2  | 15.2  |







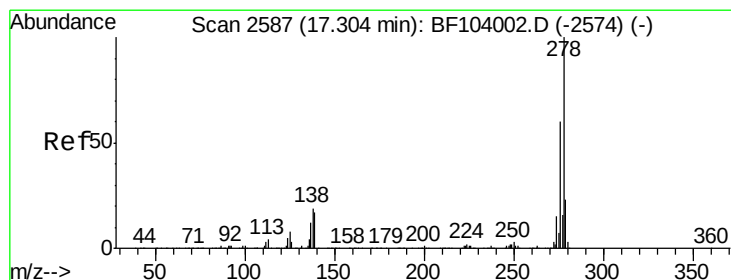
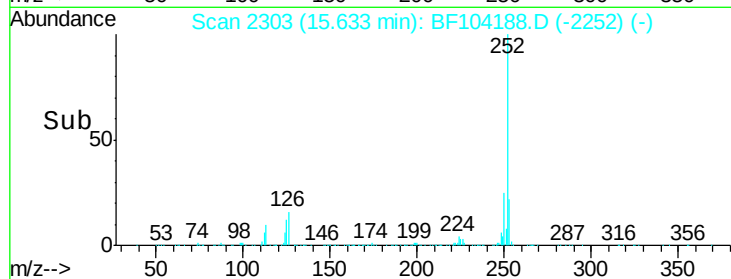
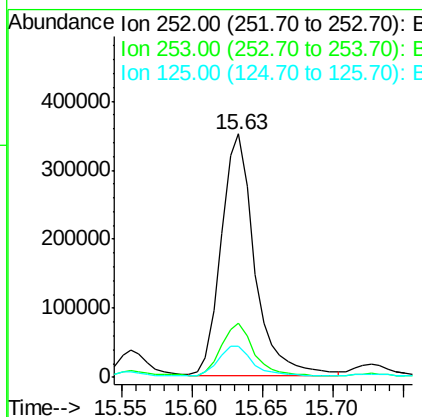
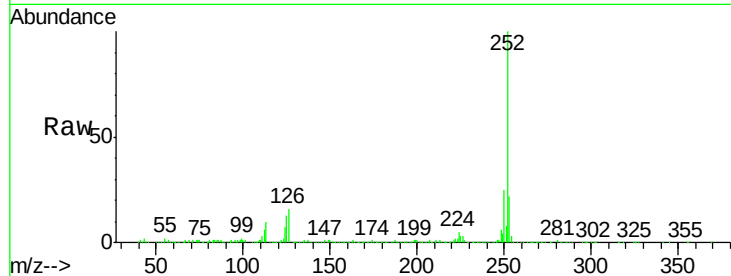
#89  
Benzo(a)pyrene  
Concen: 45.956 ng  
RT: 15.63 min Scan# 2303  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.1  | 25.7  |
| 125     | 12.9  | 9.8   | 14.6  |

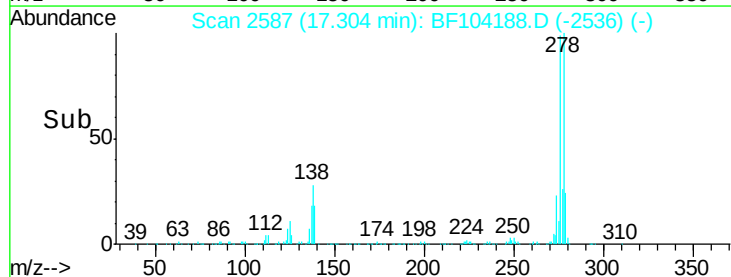
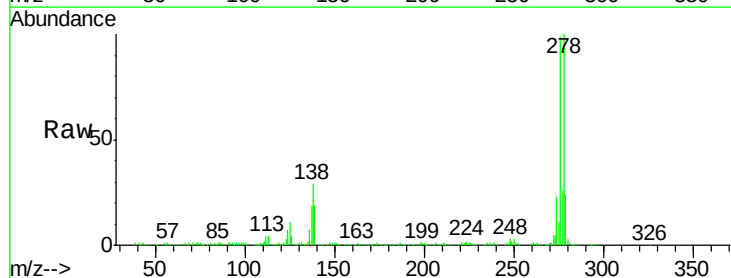
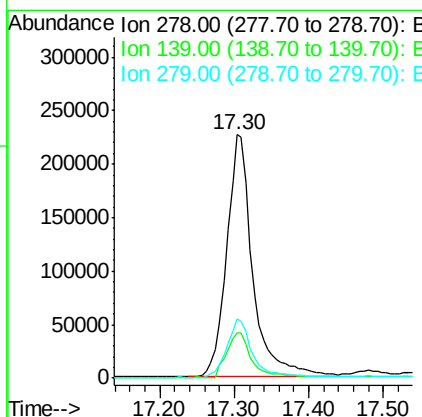
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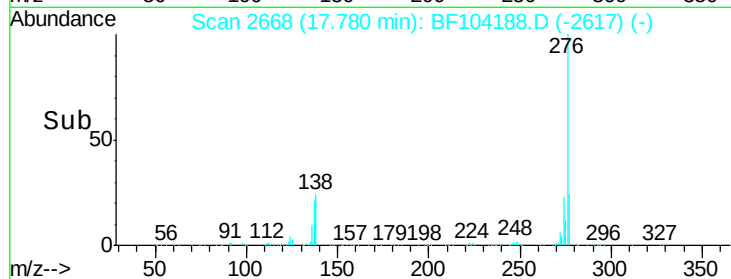
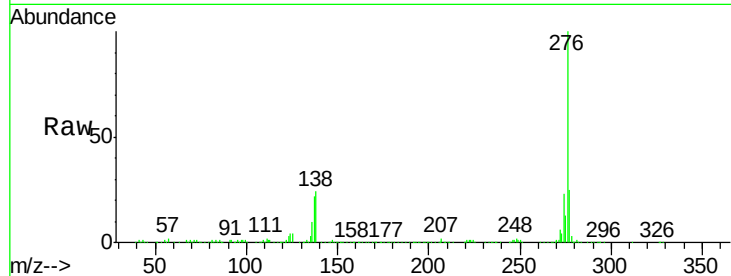
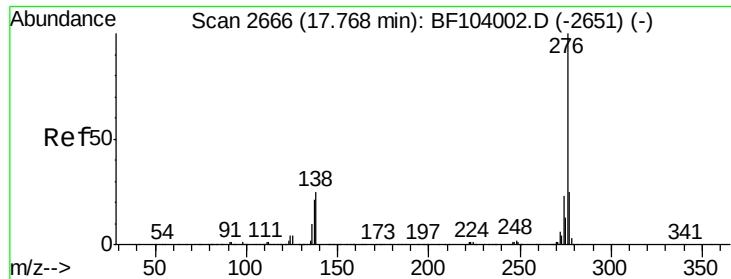
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#90  
Dibenzo(a,h)anthracene  
Concen: 46.786 ng  
RT: 17.30 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: BF104188.D  
Acq: 3 Apr 2018 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.6  | 15.9  | 23.9  |
| 279     | 24.5  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 52.350 ng  
 RT: 17.78 min Scan# 2668  
 Delta R.T. 0.00 min  
 Lab File: BF104188.D  
 Acq: 3 Apr 2018 19:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 6-WM-DIP-6-EW(2.5-5)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.6  | 17.9  | 26.9  |
| 138     | 24.0  | 21.8  | 32.8  |

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