

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF091517\  
 Data File : BF098577.D  
 Acq On : 15 Sep 2017 19:07  
 Operator : SJ/JU  
 Sample : I5229-06MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UT5400S16MS

Manual Integrations  
 APPROVED

Sohil  
 9/18/2017 3:33:46 PM

Quant Time: Sep 16 02:54:45 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF091117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 02:14:50 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.65  | 152  | 146620   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 7.93  | 136  | 618282   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.68  | 164  | 291640   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 11.17 | 188  | 548984   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 13.80 | 240  | 394116   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.20 | 264  | 315975   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.26  | 112 | 1099727 | 110.90 | ng | -0.01 |
| 7) Phenol-d6             | 6.31  | 99  | 1364660 | 108.39 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.22  | 82  | 849433  | 76.59  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.48 | 330 | 264202  | 135.73 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 9.01  | 172 | 1295298 | 75.28  | ng | -0.02 |
| 78) Terphenyl-d14        | 12.75 | 244 | 1265308 | 69.30  | ng | -0.02 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.32 | 88  | 138024  | 26.967 | ng | 93     |
| 3) Pyridine                    | 3.00 | 79  | 333513  | 24.536 | ng | # 87   |
| 4) n-Nitrosodimethylamine      | 2.96 | 42  | 202661  | 30.412 | ng | 100    |
| 6) Aniline                     | 6.31 | 93  | 373800  | 23.665 | ng | # 35   |
| 8) 2-Chlorophenol              | 6.44 | 128 | 403647  | 37.016 | ng | 99     |
| 9) Benzaldehyde                | 6.19 | 77  | 191042  | 23.211 | ng | 94     |
| 10) Phenol                     | 6.32 | 94  | 531890  | 36.370 | ng | 76     |
| 11) bis(2-Chloroethyl)ether    | 6.39 | 93  | 382676  | 34.706 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.58 | 146 | 396410m | 36.117 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.66 | 146 | 405204  | 36.042 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 6.82 | 146 | 374863  | 36.599 | ng | 97     |
| 15) Benzyl Alcohol             | 6.80 | 79  | 345426  | 41.223 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.93 | 45  | 561060  | 30.926 | ng | # 37   |
| 17) 2-Methylphenol             | 6.92 | 107 | 337519  | 37.958 | ng | # 88   |
| 18) Hexachloroethane           | 7.15 | 117 | 143195  | 33.259 | ng | 88     |
| 19) n-Nitroso-di-n-propylamine | 7.07 | 70  | 284556  | 35.930 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.08 | 107 | 440231  | 39.232 | ng | # 65   |
| 22) Acetophenone               | 7.06 | 105 | 578965  | 36.231 | ng | # 89   |
| 24) Nitrobenzene               | 7.24 | 77  | 432430  | 34.231 | ng | 93     |
| 25) Isophorone                 | 7.48 | 82  | 766758  | 34.171 | ng | 97     |
| 26) 2-Nitrophenol              | 7.55 | 139 | 218087  | 42.758 | ng | # 79   |
| 27) 2,4-Dimethylphenol         | 7.60 | 122 | 350012  | 35.998 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.69 | 93  | 489696  | 35.766 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.80 | 162 | 333864  | 41.286 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.87 | 180 | 342305  | 38.913 | ng | 99     |
| 31) Naphthalene                | 7.95 | 128 | 1150189 | 37.631 | ng | 99     |
| 32) Benzoic acid               | 7.75 | 122 | 146788  | 26.738 | ng | 94     |
| 33) 4-Chloroaniline            | 8.01 | 127 | 283680  | 22.837 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.06 | 225 | 170383  | 37.730 | ng | 97     |
| 35) Caprolactam                | 8.40 | 113 | 109456m | 39.252 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.52 | 107 | 382790  | 38.169 | ng | 86     |
| 37) 2-Methylnaphthalene        | 8.65 | 142 | 744068  | 40.189 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.81 | 216 | 315495  | 34.729 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.79 | 237 | 150666  | 59.505 | ng | 96     |

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UT5400S16MS

Manual Integrations  
 APPROVED

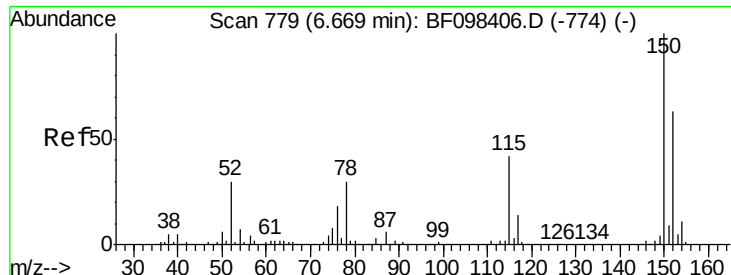
Sohil  
 9/18/2017 3:33:46 PM

Quant Time: Sep 16 02:54:45 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF091117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 02:14:50 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.93  | 196  | 217237   | 40.712 | ng    | 91       |
| 43) 2,4,5-Trichlorophenol      | 8.98  | 196  | 232789   | 41.739 | ng    | 93       |
| 45) 1,1'-Biphenyl              | 9.11  | 154  | 916119   | 35.096 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.13  | 162  | 696711   | 37.372 | ng    | 94       |
| 47) 2-Nitroaniline             | 9.24  | 65   | 260516   | 36.409 | ng    | 98       |
| 48) Acenaphthylene             | 9.55  | 152  | 1020291  | 36.809 | ng    | 99       |
| 49) Dimethylphthalate          | 9.42  | 163  | 1065505  | 47.198 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.49  | 165  | 188340   | 40.615 | ng #  | 88       |
| 51) Acenaphthene               | 9.72  | 154  | 647626   | 36.756 | ng    | 97       |
| 52) 3-Nitroaniline             | 9.65  | 138  | 148586   | 26.544 | ng    | 98       |
| 53) 2,4-Dinitrophenol          | 9.77  | 184  | 151772   | 70.385 | ng #  | 74       |
| 54) Dibenzofuran               | 9.89  | 168  | 923492   | 39.785 | ng    | 99       |
| 55) 4-Nitrophenol              | 9.85  | 139  | 221105   | 68.750 | ng #  | 61       |
| 56) 2,4-Dinitrotoluene         | 9.89  | 165  | 241900   | 42.908 | ng #  | 59       |
| 57) Fluorene                   | 10.23 | 166  | 728956   | 37.941 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.02 | 232  | 175598   | 46.848 | ng #  | 95       |
| 59) Diethylphthalate           | 10.12 | 149  | 802096   | 37.359 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.22 | 204  | 353629   | 39.849 | ng    | 90       |
| 61) 4-Nitroaniline             | 10.27 | 138  | 207323   | 36.674 | ng    | 90       |
| 62) Azobenzene                 | 10.39 | 77   | 789242   | 34.107 | ng    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.30 | 198  | 131079   | 39.866 | ng    | 79       |
| 65) n-Nitrosodiphenylamine     | 10.35 | 169  | 670401   | 37.608 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.71 | 248  | 209116   | 40.135 | ng    | 97       |
| 67) Hexachlorobenzene          | 10.78 | 284  | 207896   | 39.337 | ng #  | 89       |
| 68) Atrazine                   | 10.88 | 200  | 217597   | 39.651 | ng    | 98       |
| 69) Pentachlorophenol          | 10.99 | 266  | 162226   | 70.267 | ng    | 98       |
| 70) Phenanthrene               | 11.19 | 178  | 1121311  | 38.529 | ng    | 99       |
| 71) Anthracene                 | 11.24 | 178  | 1143458  | 38.268 | ng    | 98       |
| 72) Carbazole                  | 11.40 | 167  | 1043545  | 37.474 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.73 | 149  | 1230098  | 36.868 | ng    | 99       |
| 74) Fluoranthene               | 12.38 | 202  | 1143604  | 39.252 | ng    | 98       |
| 76) Benzidine                  | 12.50 | 184  | 196235m  | 11.251 | ng    |          |
| 77) Pyrene                     | 12.60 | 202  | 1184195  | 38.089 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.23 | 149  | 524744   | 38.905 | ng #  | 85       |
| 80) Benzo(a)anthracene         | 13.79 | 228  | 880562   | 38.109 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.76 | 252  | 242516   | 27.007 | ng #  | 96       |
| 82) Chrysene                   | 13.83 | 228  | 863604   | 36.975 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.79 | 149  | 681822   | 40.279 | ng #  | 99       |
| 84) Di-n-octyl phthalate       | 14.40 | 149  | 1115406  | 38.405 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.55 | 276  | 637979   | 38.933 | ng    | 96       |
| 87) Benzo(b)fluoranthene       | 14.81 | 252  | 731864   | 36.837 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 14.84 | 252  | 726126   | 39.149 | ng #  | 94       |
| 89) Benzo(a)pyrene             | 15.15 | 252  | 680957   | 38.472 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.56 | 278  | 539531   | 41.903 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 16.95 | 276  | 541605   | 41.821 | ng    | 94       |

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





#1

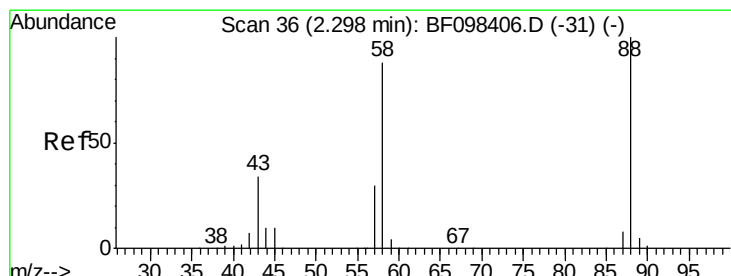
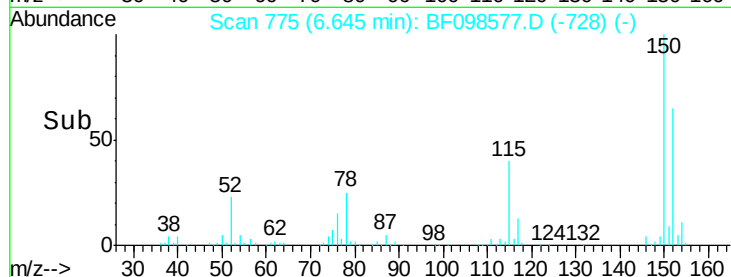
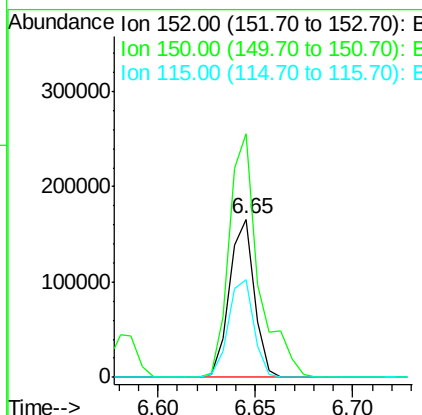
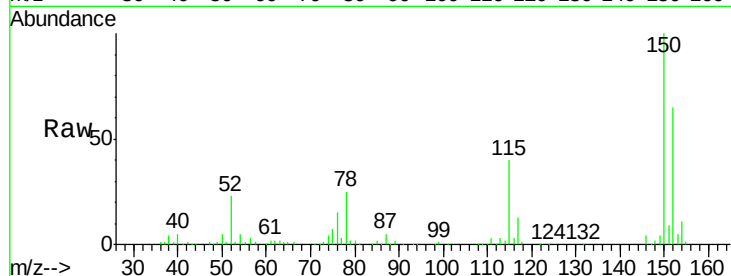
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.65 min Scan# 775  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.7 | 126.2 | 189.2 |
| 115     | 61.8  | 52.2  | 78.2  |

Manual Integrations  
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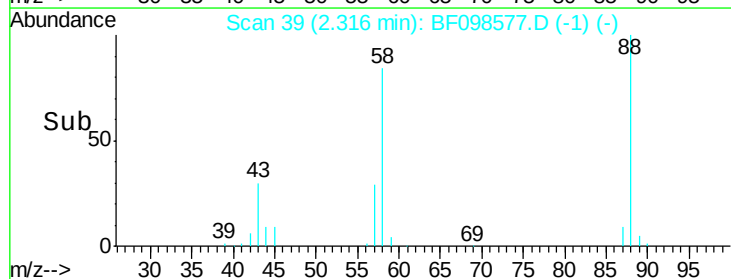
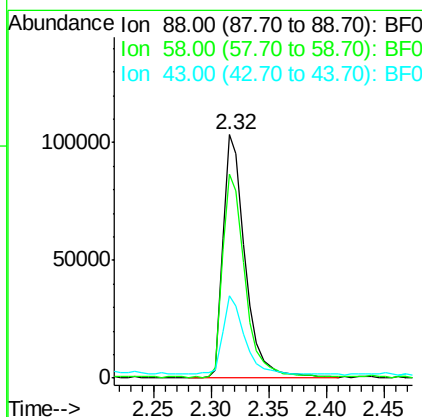
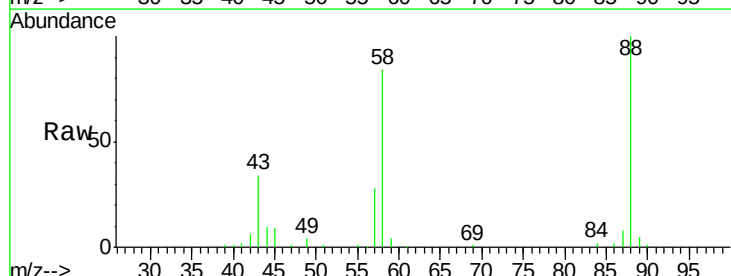
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9/18/2017 3:33:46 PM

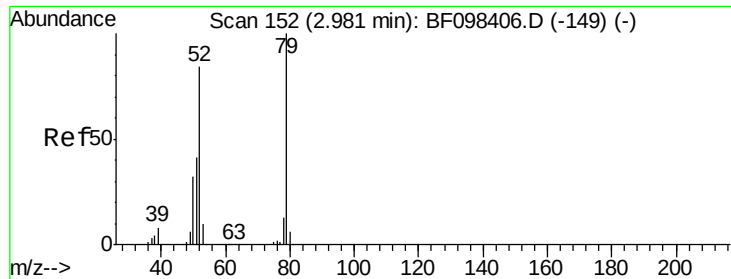


#2

1,4-Dioxane  
Concen: 26.967 ng  
RT: 2.32 min Scan# 39  
Delta R.T. 0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 83.5  | 61.4  | 92.0  |
| 43      | 31.0  | 23.4  | 35.0  |





#3

Pyridine

Concen: 24.536 ng

RT: 3.00 min Scan# 156

Delta R.T. 0.02 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

Instrument :

BNA\_F

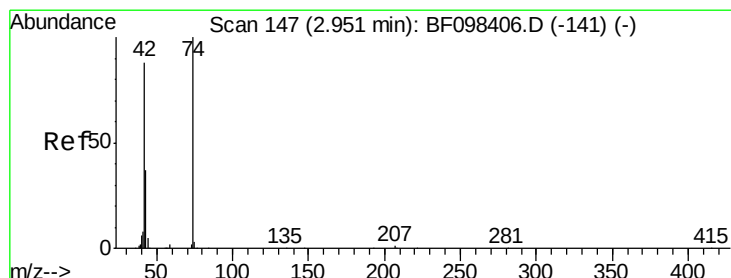
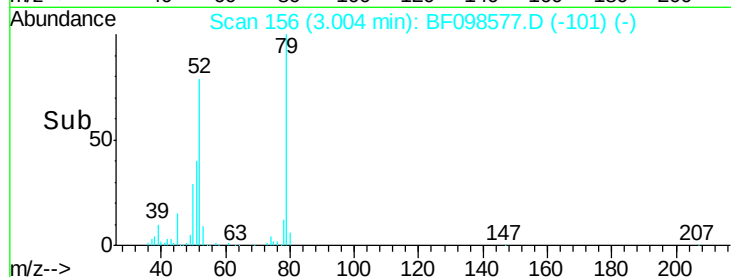
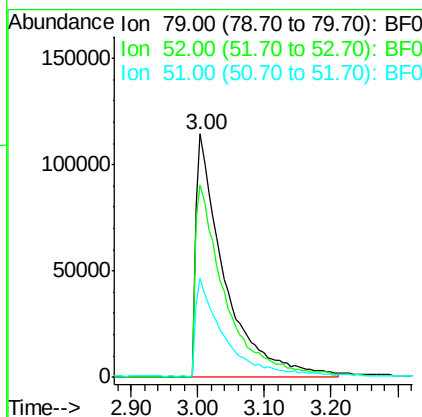
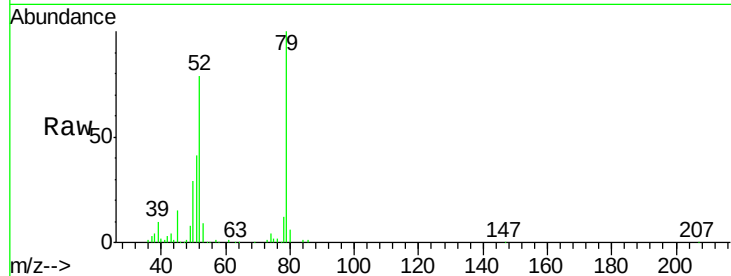
ClientSampleId :

UT5400S16MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 333513 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 79.1  | 54.8  | 82.2   |
| 51        | 40.6  | 27.0  | 40.4   |

Manual Integrations  
APPROVED

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#4

n-Nitrosodimethylamine

Concen: 30.412 ng

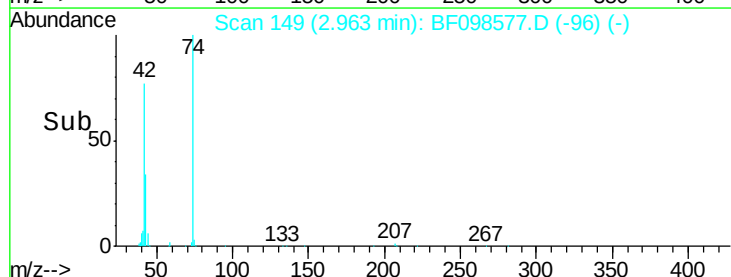
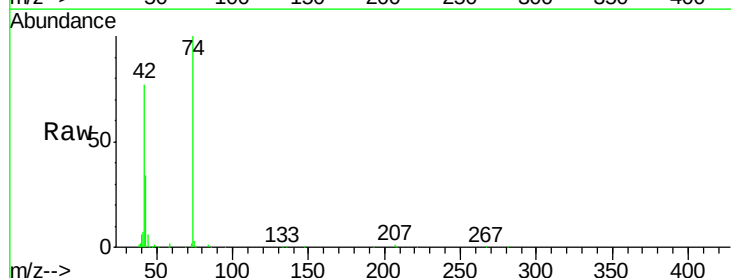
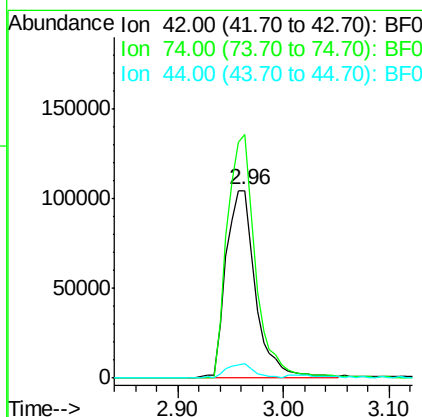
RT: 2.96 min Scan# 149

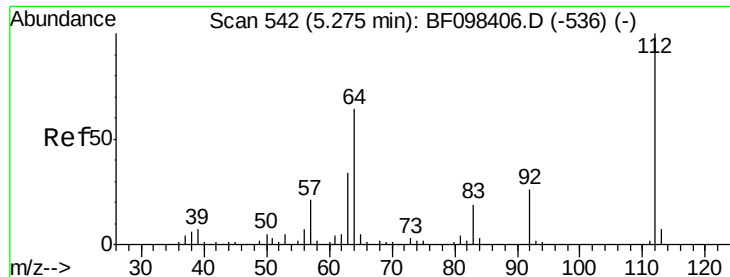
Delta R.T. 0.01 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 202661 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 129.9 | 103.9 | 155.9  |
| 44        | 7.8   | 5.7   | 8.5    |





#5

2-Fluorophenol

Concen: 110.897 ng

RT: 5.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

Instrument :

BNA\_F

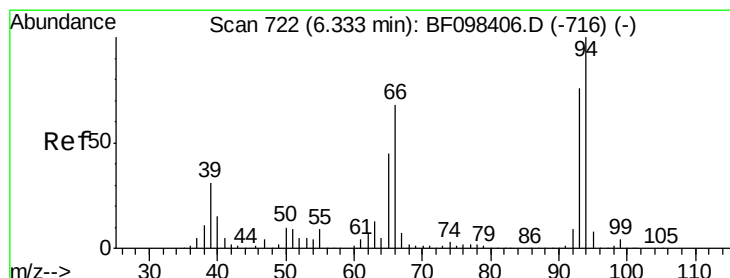
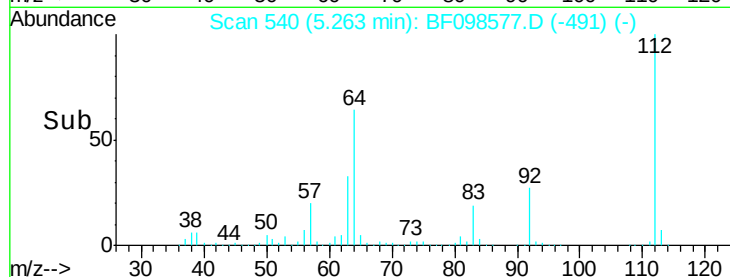
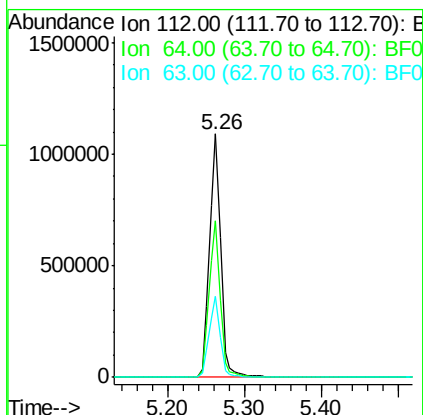
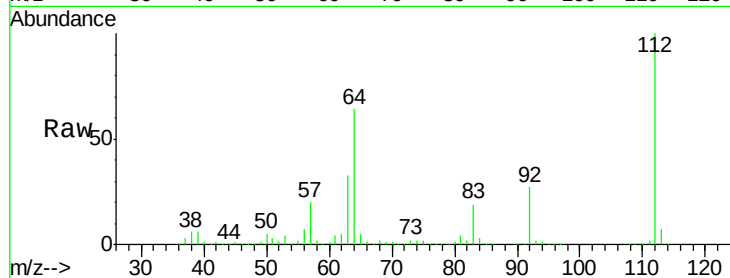
ClientSampleId :

UT5400S16MS

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 112   | Resp: | 1099727 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 64.3  | 46.0  | 69.0    |
| 63       | 33.0  | 23.4  | 35.0    |

Manual Integrations  
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#6

Aniline

Concen: 23.665 ng

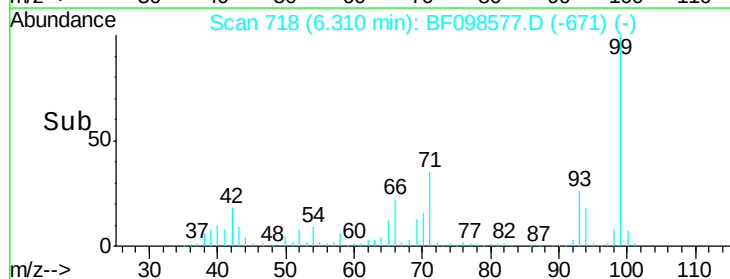
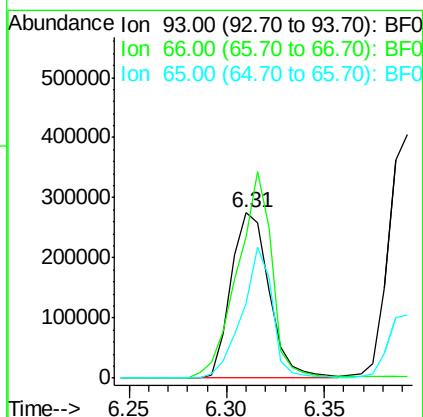
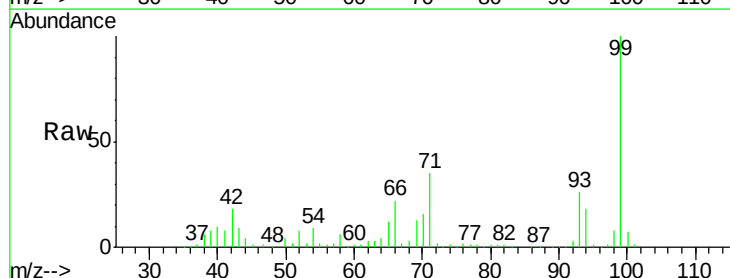
RT: 6.31 min Scan# 718

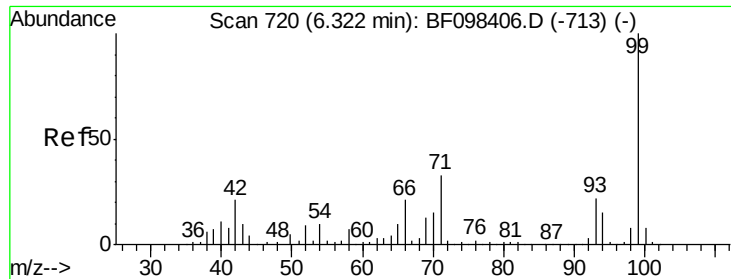
Delta R.T. -0.02 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 373800 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 85.5  | 32.9  | 49.3#  |
| 65       | 44.9  | 16.0  | 24.0#  |





#7

Phenol-d6

Concen: 108.385 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

Instrument :

BNA\_F

ClientSampleId :

UT5400S16MS

Tgt Ion: 99 Resp: 1364660

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

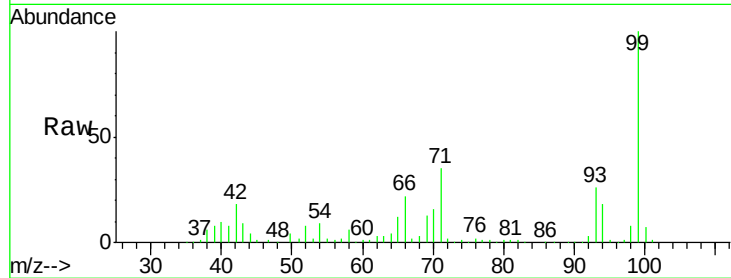
71 34.8 24.5 36.7

Manual Integrations

APPROVED

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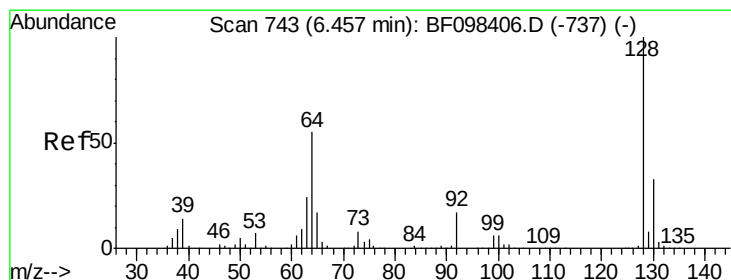
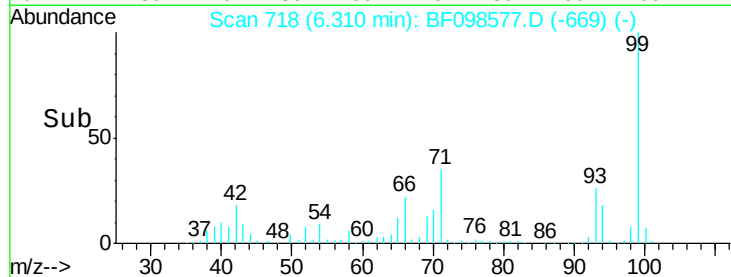
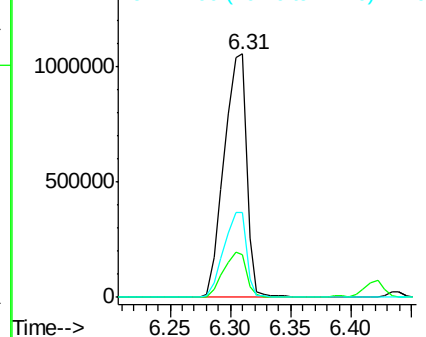
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.016 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

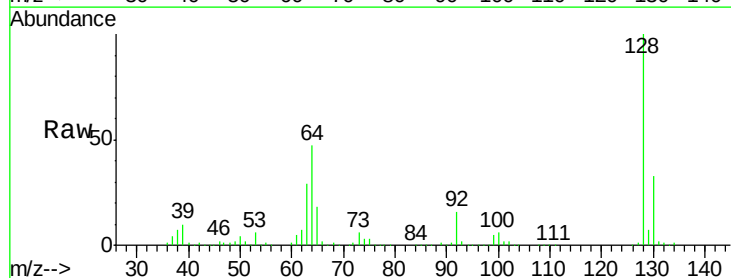
Tgt Ion: 128 Resp: 403647

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

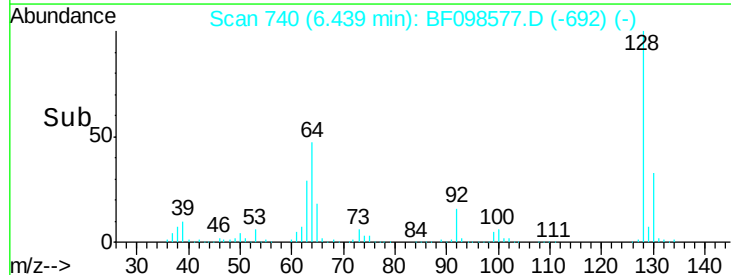
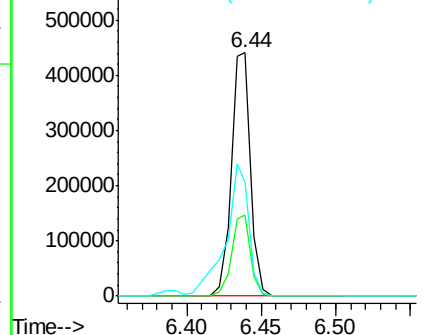
64 47.1 28.4 68.4



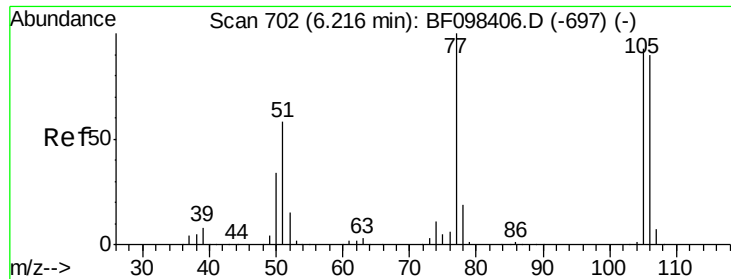
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 23.211 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

Instrument :

BNA\_F

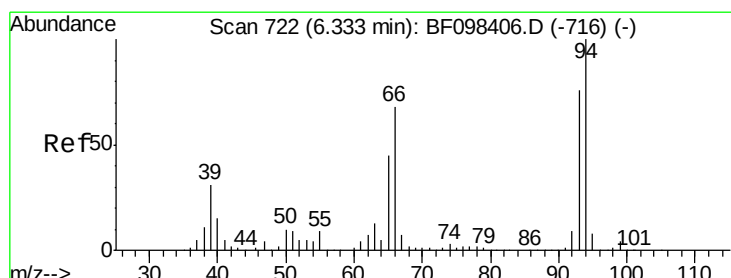
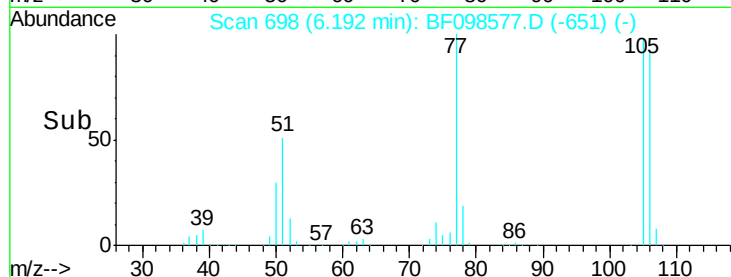
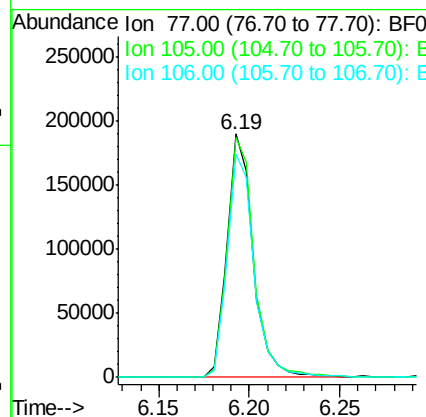
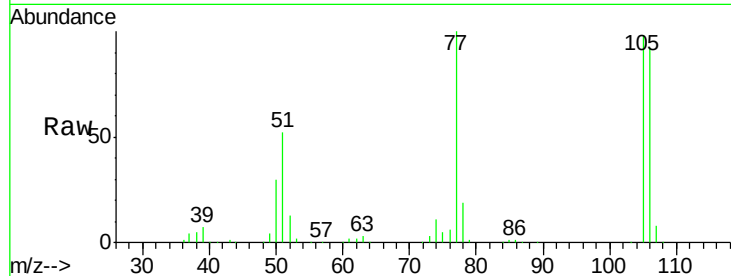
ClientSampleId :

UT5400S16MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 191042 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 98.3  | 83.8  | 123.8  |
| 106      | 91.8  | 79.1  | 119.1  |

Manual Integrations  
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#10

Phenol

Concen: 36.370 ng

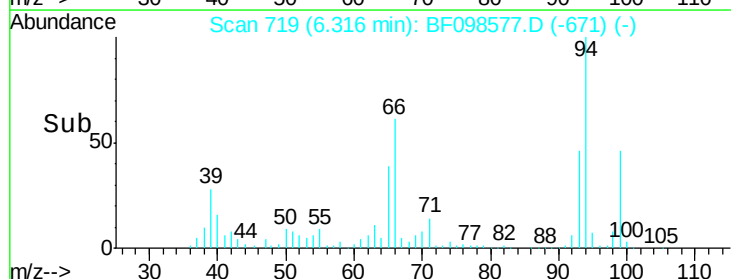
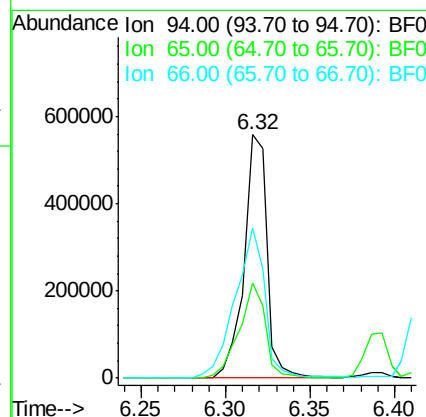
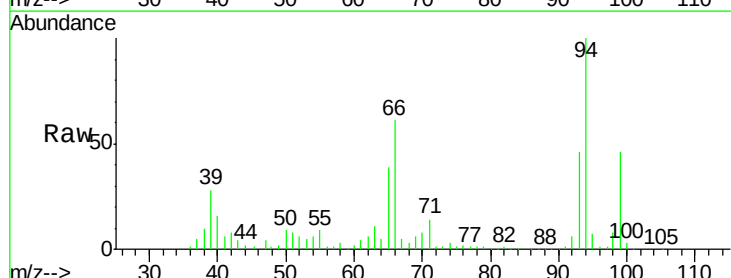
RT: 6.32 min Scan# 719

Delta R.T. -0.02 min

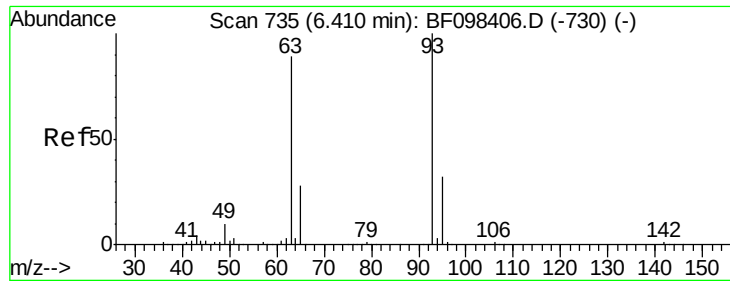
Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 531890 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 39.1  | 9.9   | 49.9   |
| 66       | 61.5  | 23.1  | 63.1   |







#11

bis(2-Chloroethyl)ether

Concen: 34.706 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

Instrument :

BNA\_F

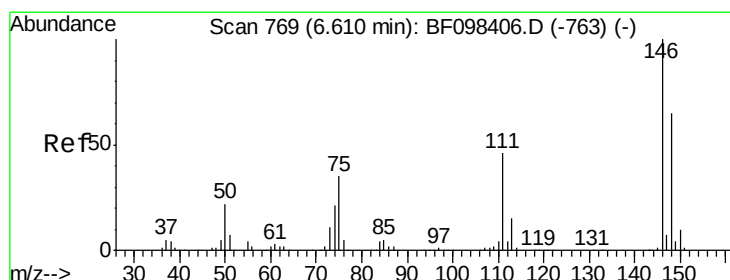
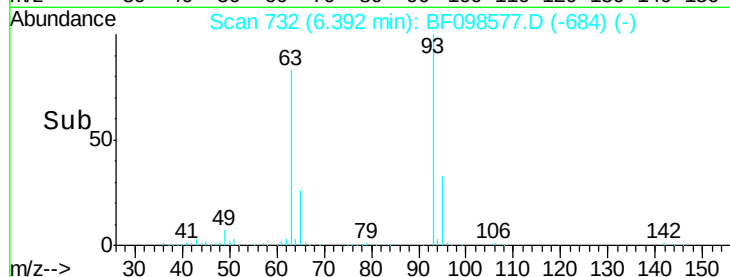
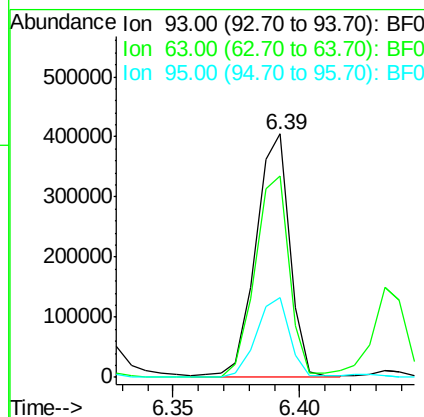
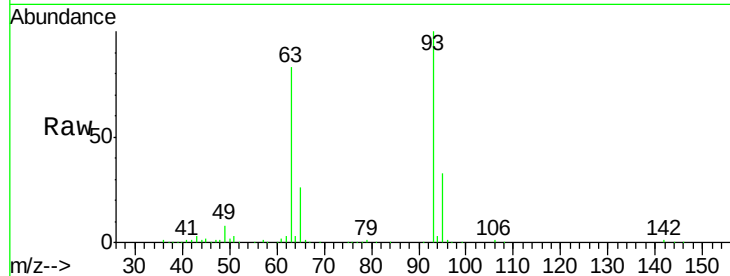
ClientSampleId :

UT5400S16MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 382676 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 82.6  | 59.2  | 99.2   |
| 95        | 32.8  | 12.8  | 52.8   |

Manual Integrations  
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#12

1,3-Dichlorobenzene

Concen: 36.117 ng m

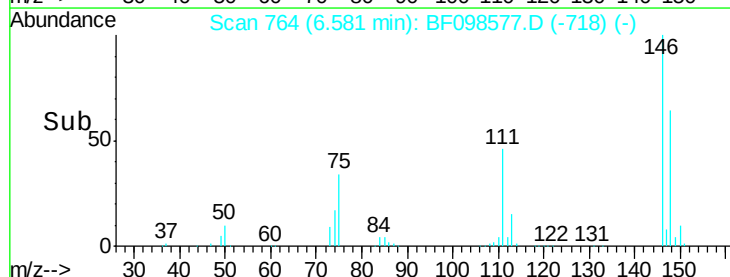
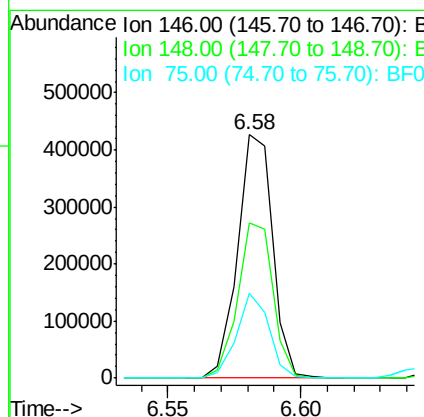
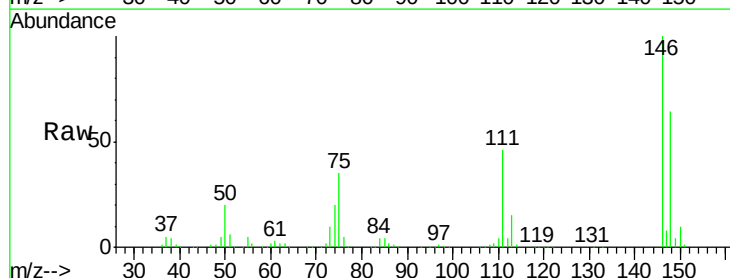
RT: 6.58 min Scan# 764

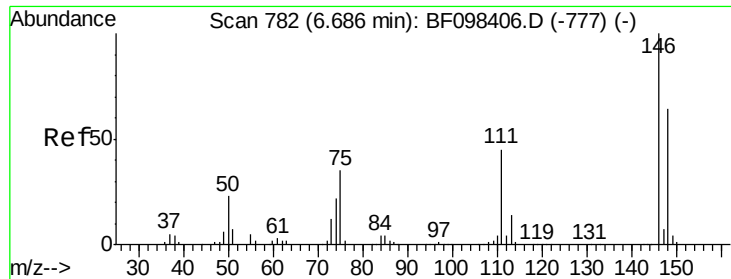
Delta R.T. -0.03 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 396410 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.8  | 51.8  | 77.6   |
| 75        | 34.9  | 23.1  | 34.7#  |





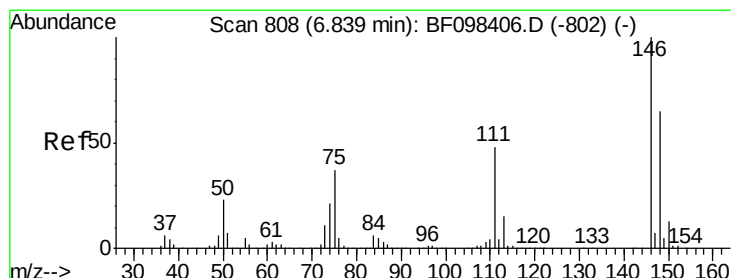
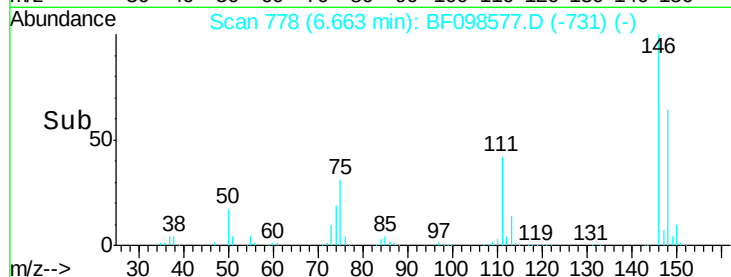
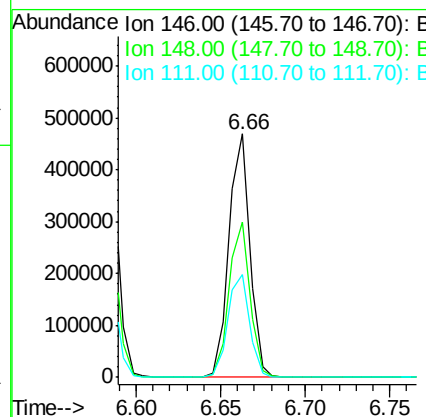
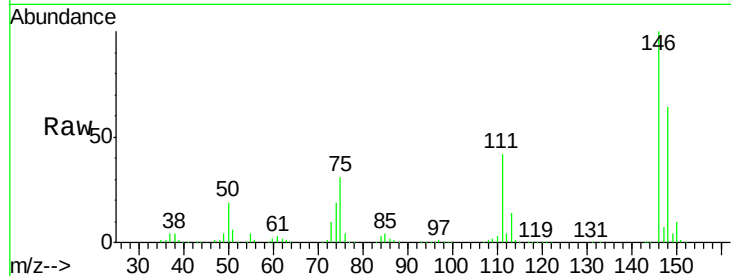
#13  
 1,4-Dichlorobenzene  
 Concen: 36.042 ng  
 RT: 6.66 min Scan# 778  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UT5400S16MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 52.2  | 78.2  |
| 111     | 42.3  | 30.3  | 45.5  |

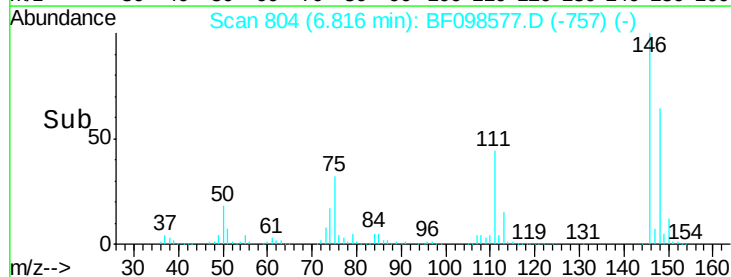
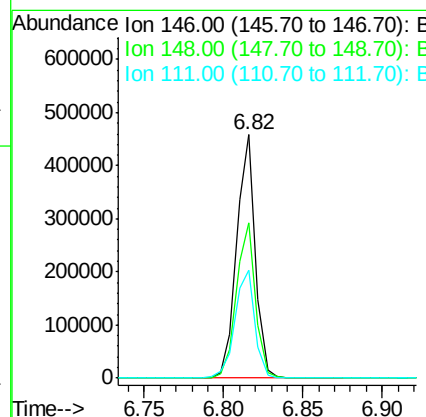
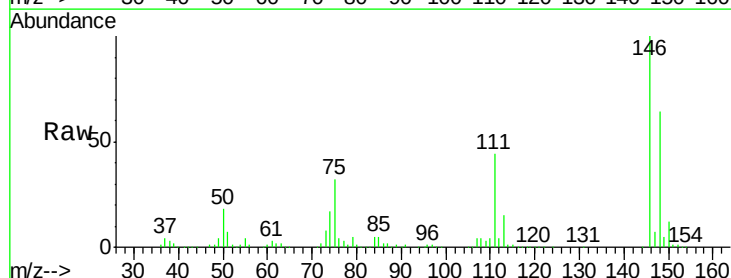
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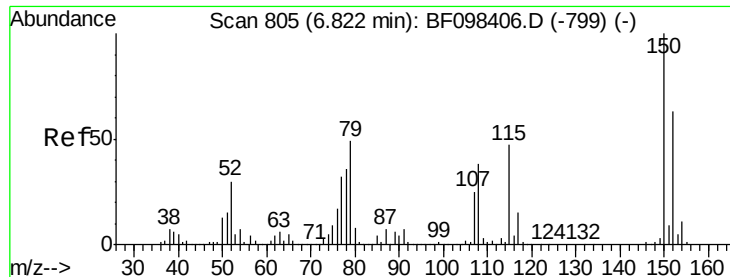
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#14  
 1,2-Dichlorobenzene  
 Concen: 36.599 ng  
 RT: 6.82 min Scan# 804  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 50.4  | 75.6  |
| 111     | 44.3  | 38.2  | 57.4  |





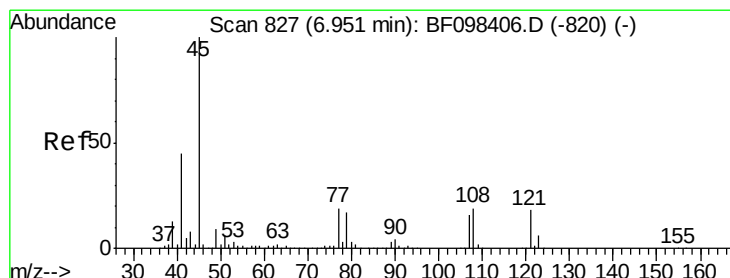
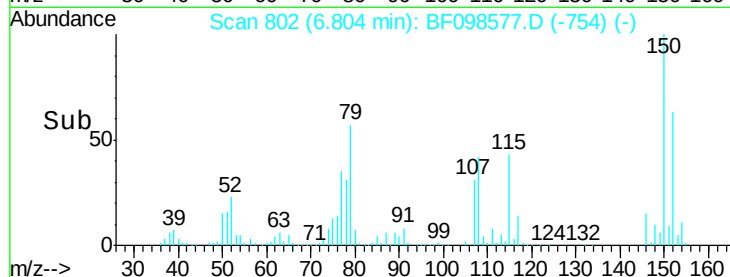
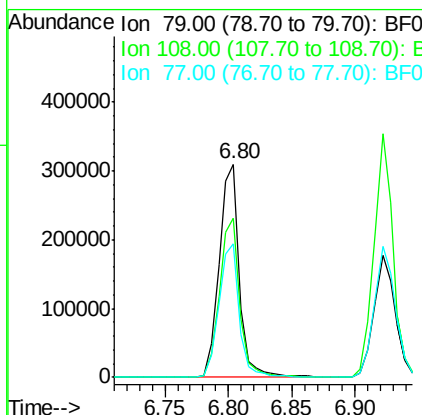
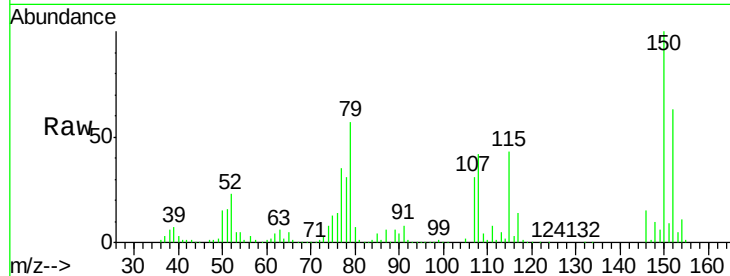
#15  
Benzyl Alcohol  
Concen: 41.223 ng  
RT: 6.80 min Scan# 802  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 74.9  | 63.4  | 95.0  |
| 77      | 62.8  | 49.2  | 73.8  |

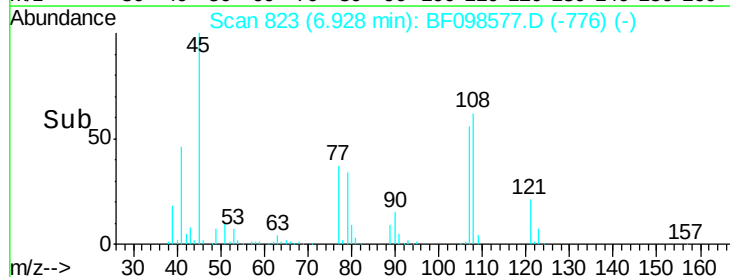
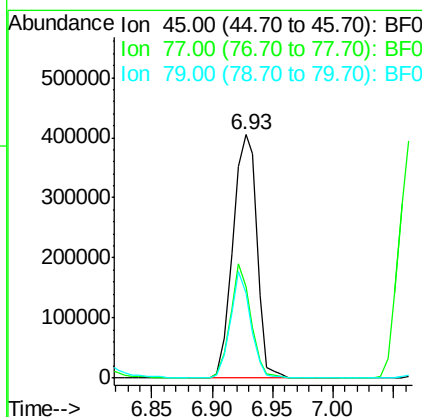
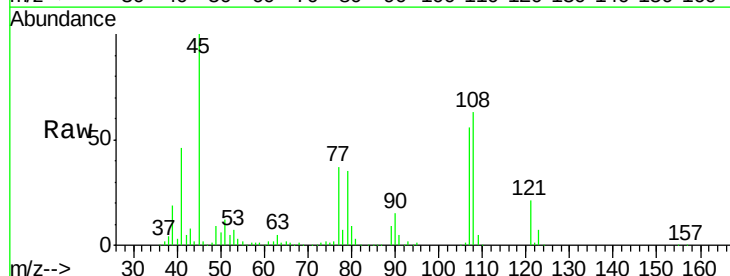
Manual Integrations  
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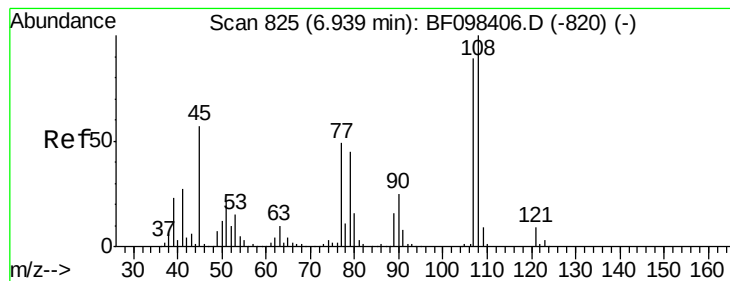
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 30.926 ng  
RT: 6.93 min Scan# 823  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 37.4  | 0.0   | 33.2# |
| 79      | 34.8  | 0.0   | 30.0# |





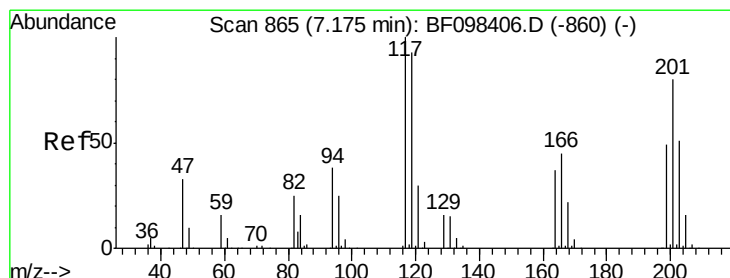
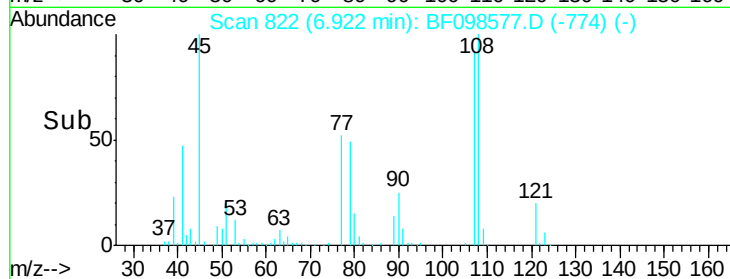
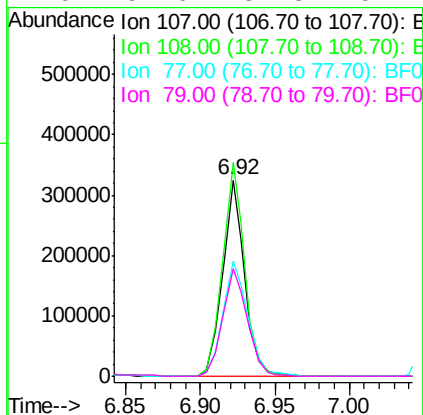
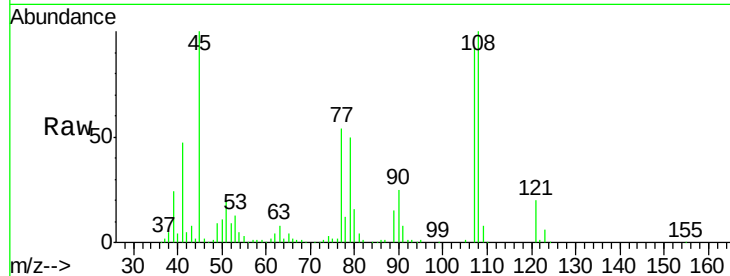
#17  
 2-Methylphenol  
 Concen: 37.958 ng  
 RT: 6.92 min Scan# 822  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

Instrument :  
 BNA\_F  
 ClientSampleID :  
 UT5400S16MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 337519 |       |       |
| 108     | 108.9 | 93.4   | 140.0 |       |
| 77      | 58.7  | 35.8   | 53.6  |       |
| 79      | 54.6  | 34.8   | 52.2  |       |

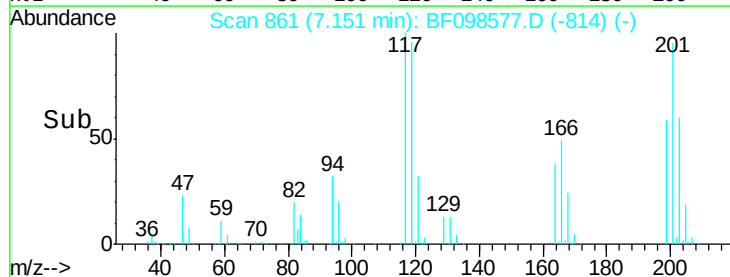
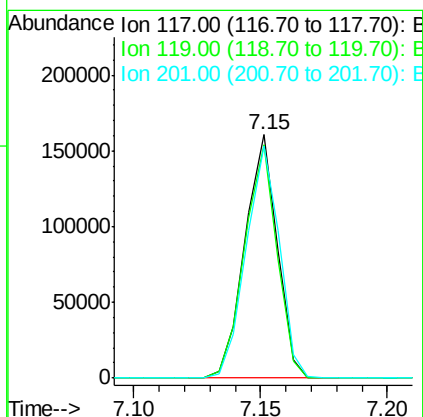
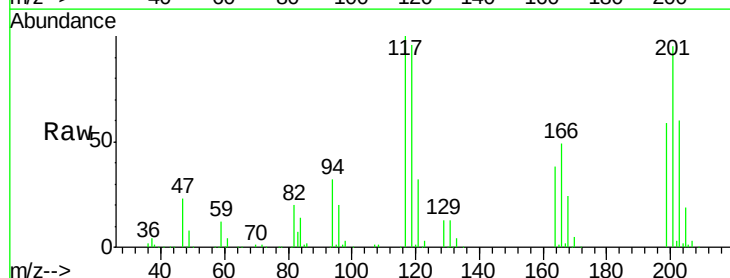
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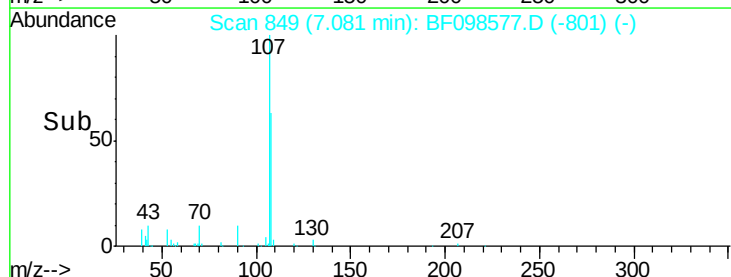
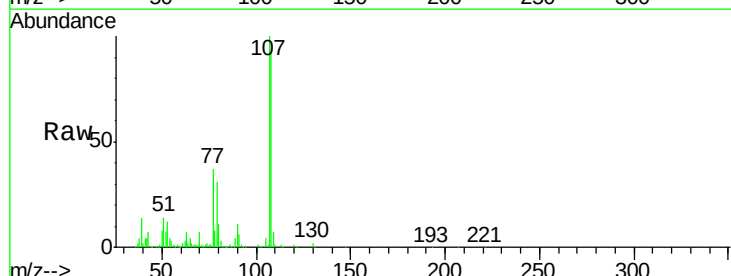
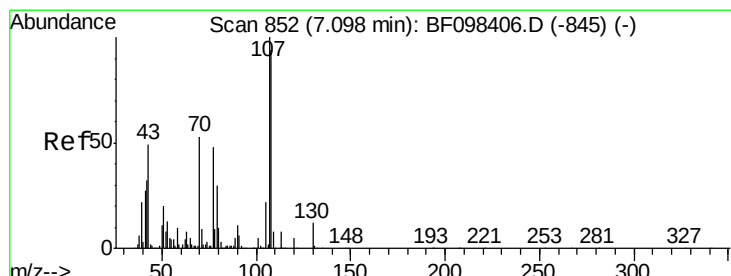
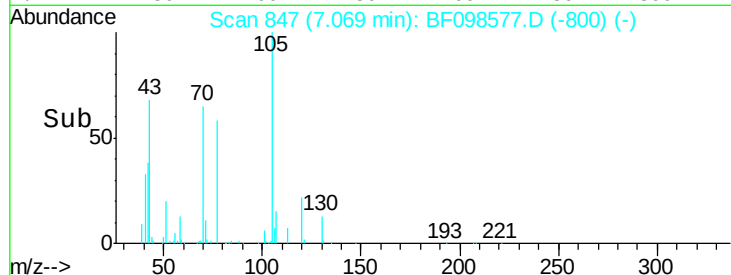
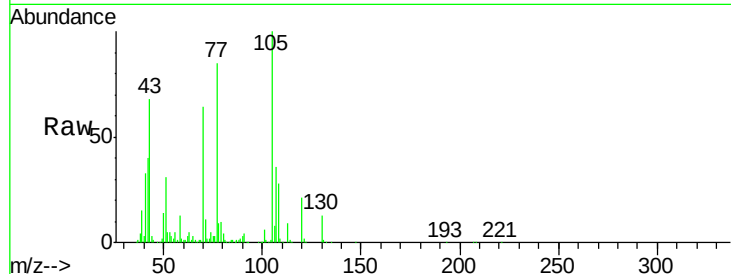
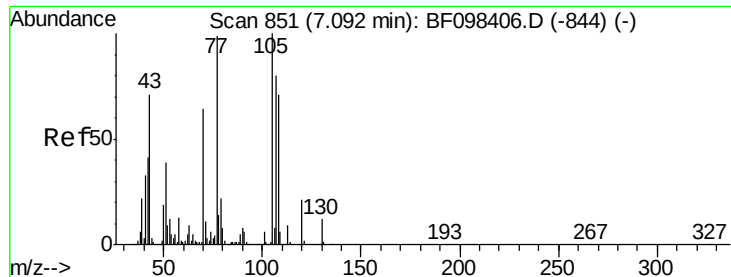
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 9/18/2017 3:33:46 PM



#18  
 Hexachloroethane  
 Concen: 33.259 ng  
 RT: 7.15 min Scan# 861  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

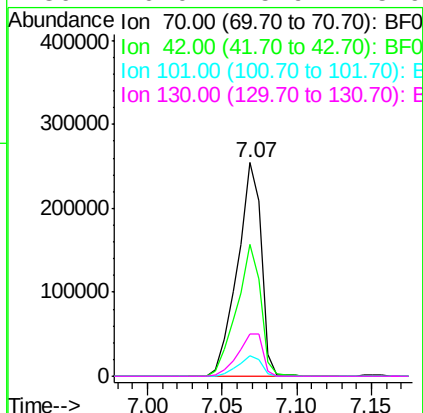
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 143195 |       |       |
| 119     | 95.9  | 77.4   | 116.0 |       |
| 201     | 95.2  | 94.6   | 141.8 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 35.930 ng  
RT: 7.07 min Scan# 847  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 70      | 100   |      |       |       |
| 42      | 61.5  | 47.2 | 70.8  |       |
| 101     | 9.6   | 7.2  | 10.8  |       |
| 130     | 20.0  | 15.9 | 23.9  |       |



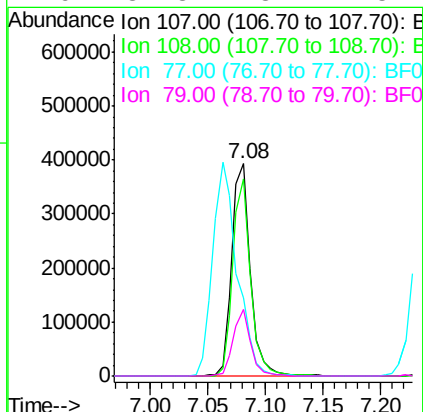
Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

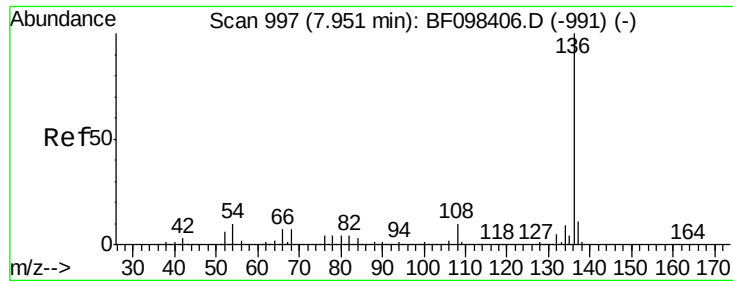
Manual Integrations  
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#20  
3+4-Methylphenols  
Concen: 39.232 ng  
RT: 7.08 min Scan# 849  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 107     | 100   |      |        |       |
| 108     | 92.8  | 71.0 | 111.0  |       |
| 77      | 36.9  | 90.5 | 130.5# |       |
| 79      | 31.3  | 8.4  | 48.4   |       |





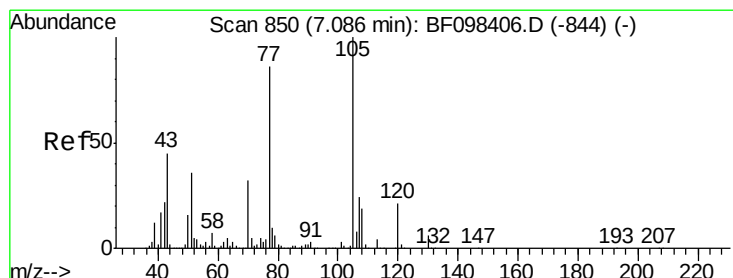
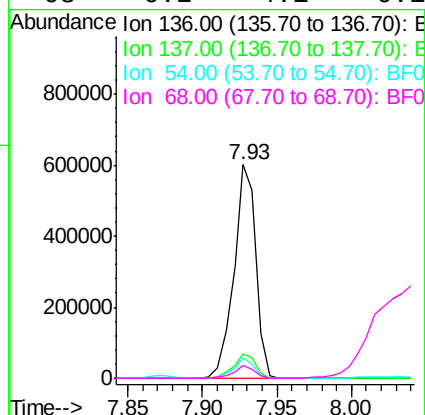
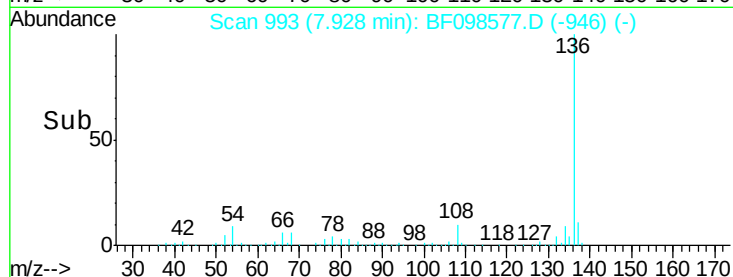
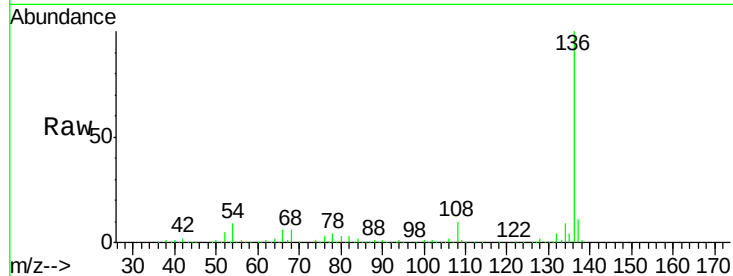
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.93 min Scan# 993  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 618282 |       |       |
| 137     | 11.3  | 8.5    | 12.7  |       |
| 54      | 9.3   | 4.9    | 7.3#  |       |
| 68      | 6.2   | 4.1    | 6.1#  |       |

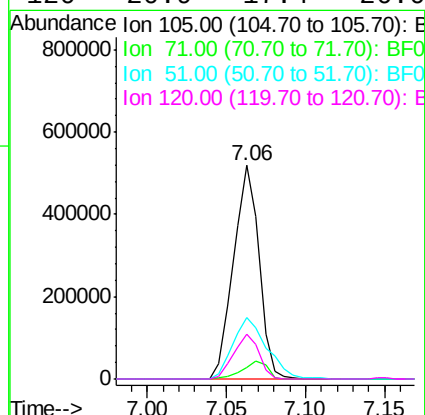
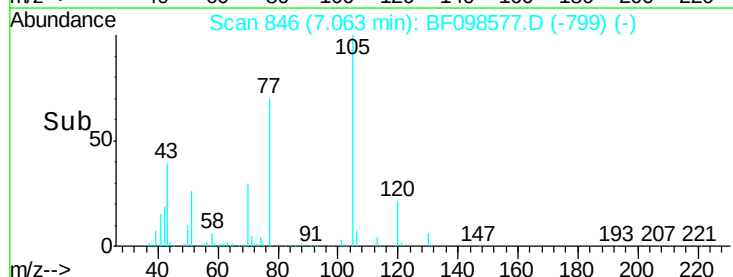
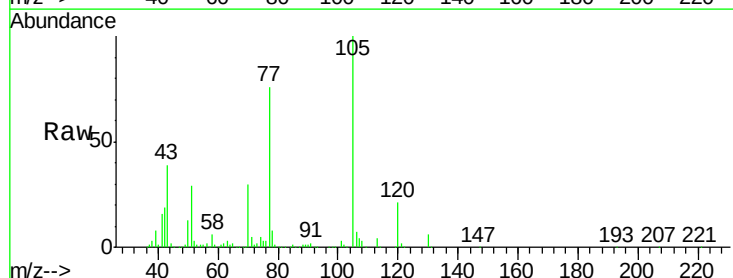
Manual Integrations  
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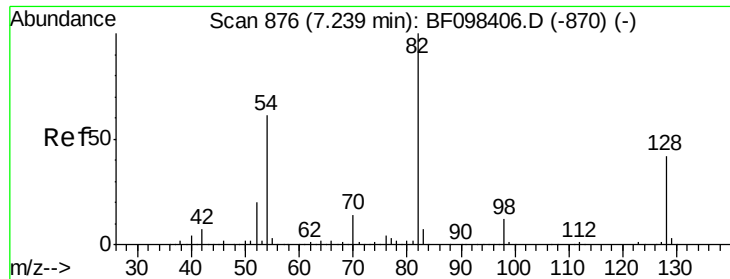
Sohil  
9/18/2017 3:33:46 PM



#22  
Acetophenone  
Concen: 36.231 ng  
RT: 7.06 min Scan# 846  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 578965 |       |       |
| 71      | 5.1   | 2.8    | 4.2#  |       |
| 51      | 28.6  | 30.7   | 46.1# |       |
| 120     | 20.9  | 17.4   | 26.0  |       |





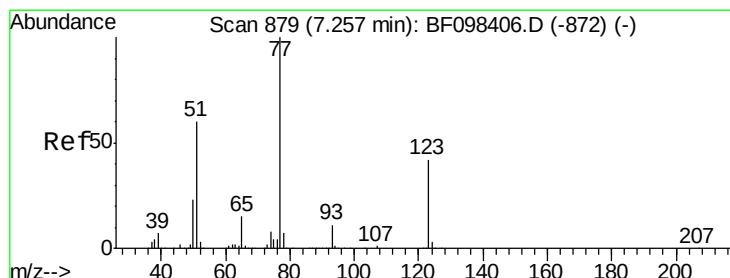
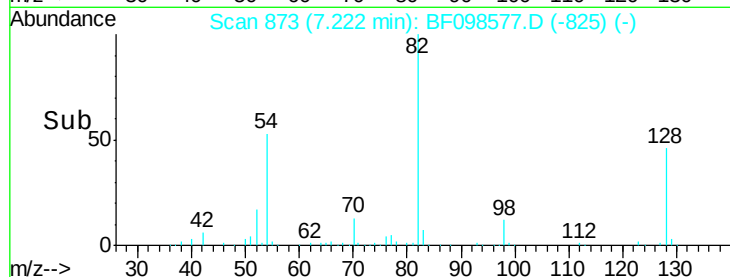
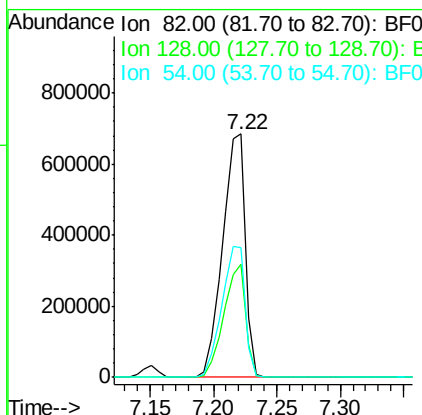
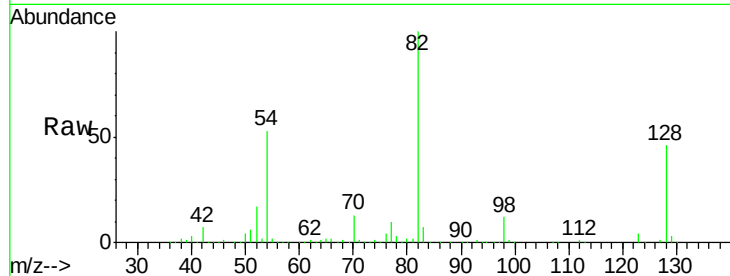
#23  
 Nitrobenzene-d5  
 Concen: 76.592 ng  
 RT: 7.22 min Scan# 873  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UT5400S16MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 849433 |       |       |
| 128     | 46.4  | 34.0   | 51.0  |       |
| 54      | 53.4  | 42.2   | 63.2  |       |

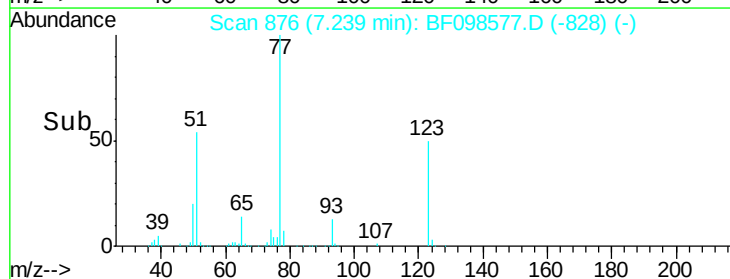
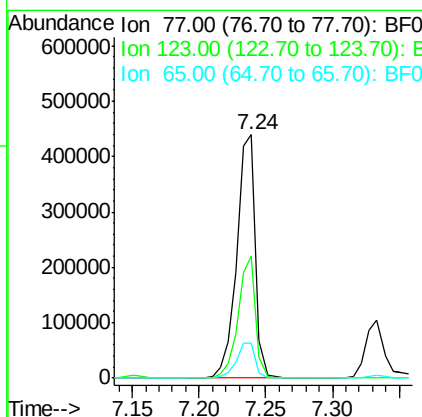
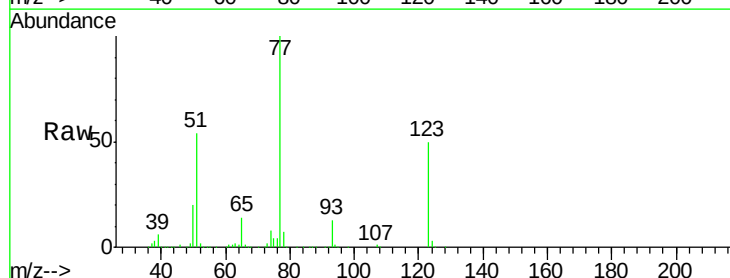
Manual Integrations  
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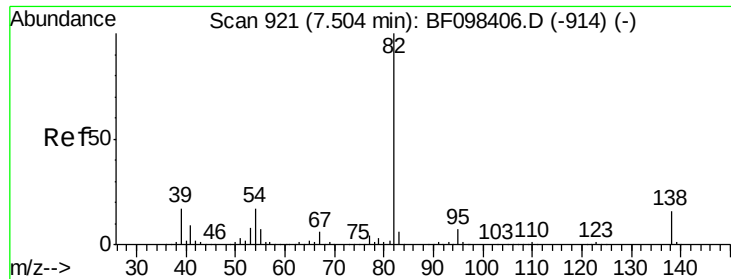


#24  
 Nitrobenzene  
 Concen: 34.231 ng  
 RT: 7.24 min Scan# 876  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 432430 |       |       |
| 123     | 50.0  | 35.8   | 53.8  |       |
| 65      | 14.3  | 10.6   | 15.8  |       |







#25

Isophorone

Concen: 34.171 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

Instrument :

BNA\_F

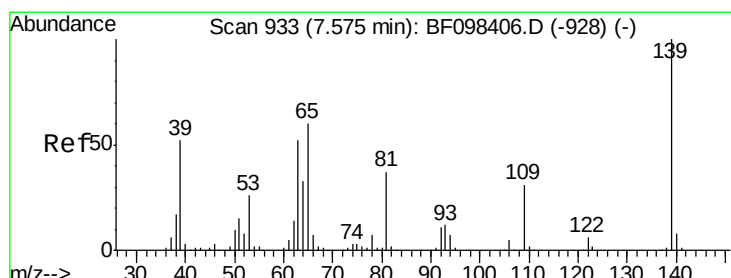
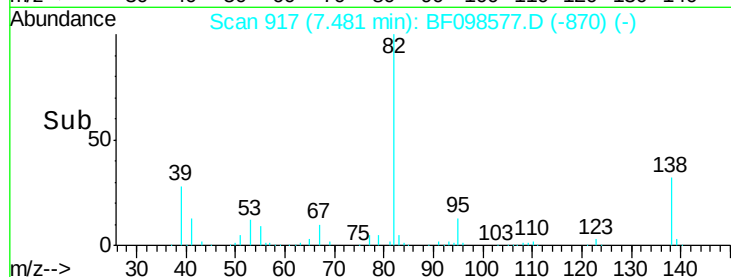
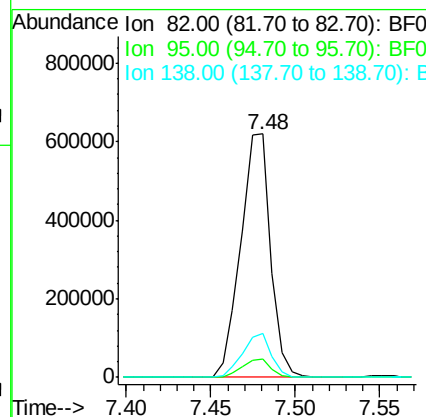
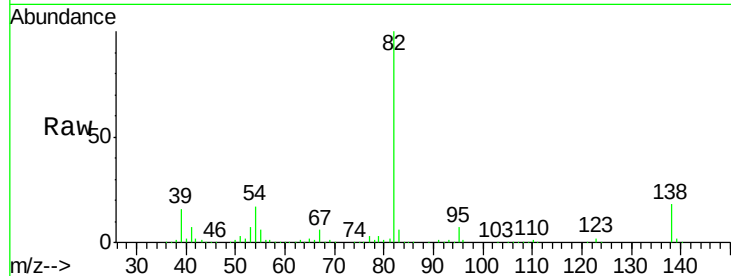
ClientSampleId :

UT5400S16MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 766758 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.3  | 5.3   | 7.9    |
| 138       | 17.9 | 13.1  | 19.7   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 42.758 ng

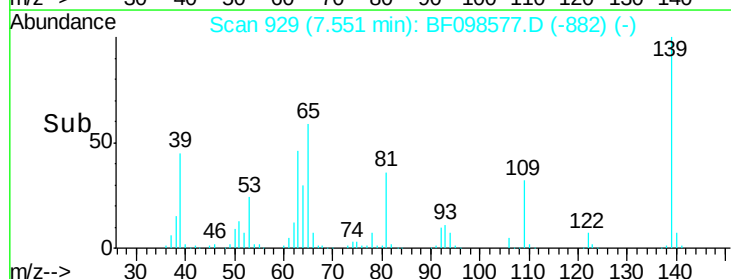
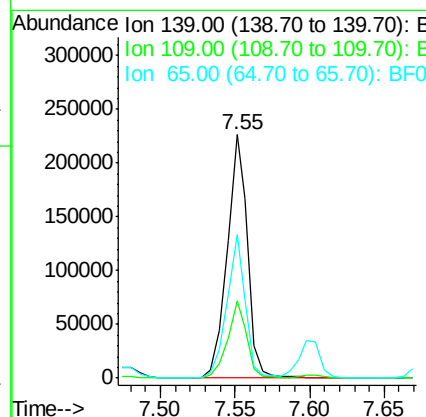
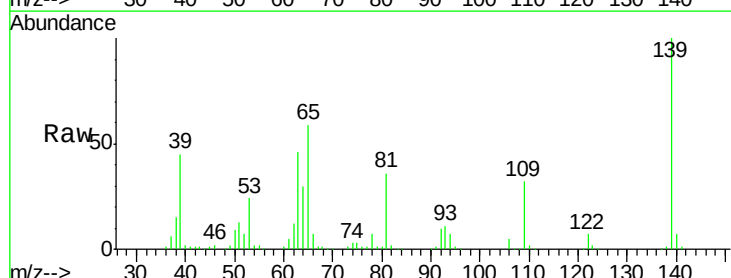
RT: 7.55 min Scan# 929

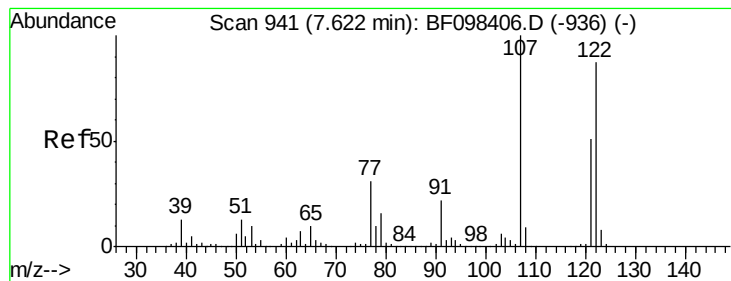
Delta R.T. -0.02 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 218087 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 31.8 | 21.0  | 31.6#  |
| 65        | 59.1 | 33.0  | 49.6#  |





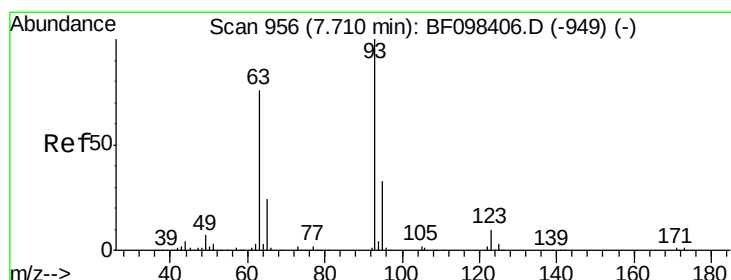
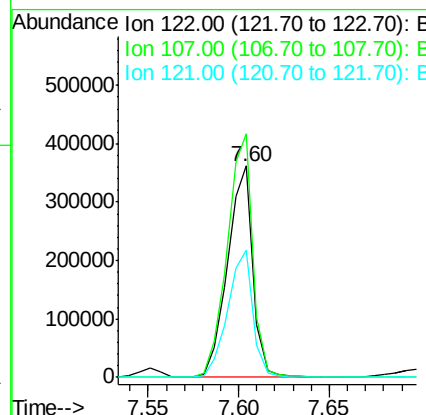
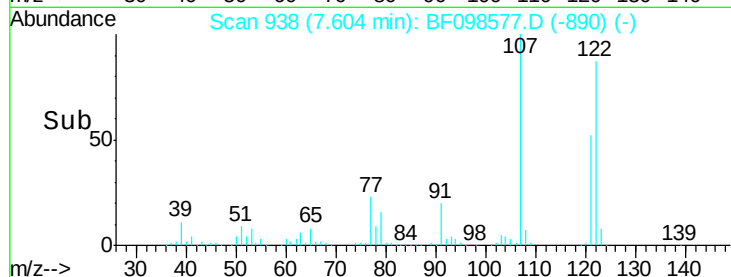
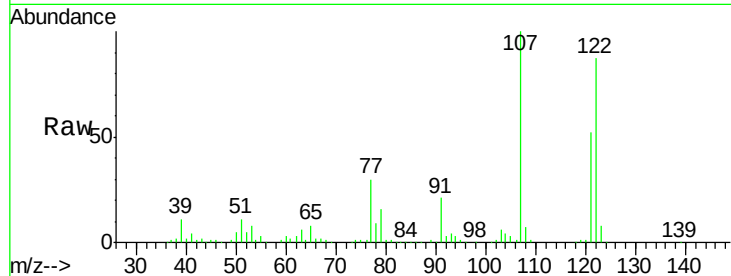
#27  
2,4-Dimethylphenol  
Concen: 35.998 ng  
RT: 7.60 min Scan# 938  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampled :  
UT5400S16MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 350012 |       |       |
| 107     | 115.4 | 89.2   | 133.8 |       |
| 121     | 60.1  | 45.2   | 67.8  |       |

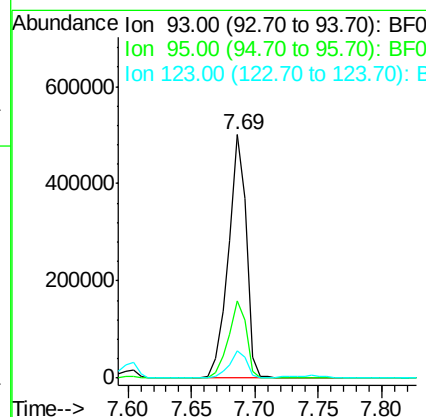
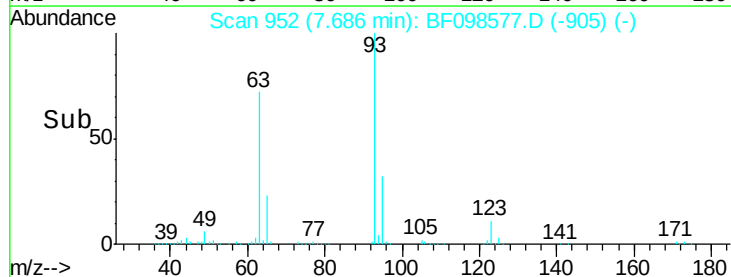
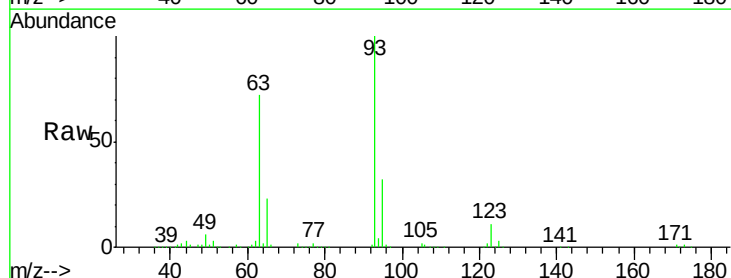
Manual Integrations  
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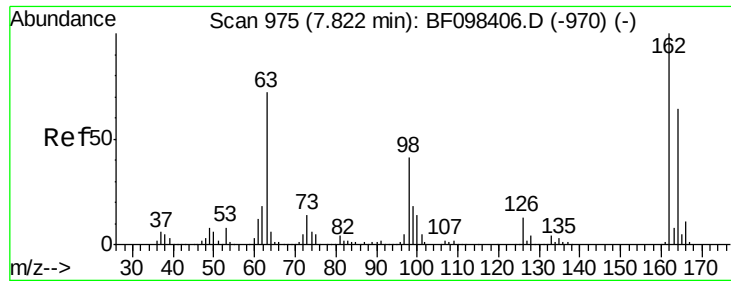
Sohil  
9/18/2017 3:33:46 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 35.766 ng  
RT: 7.69 min Scan# 952  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 489696 |       |       |
| 95      | 31.7  | 26.5   | 39.7  |       |
| 123     | 11.2  | 9.0    | 13.4  |       |





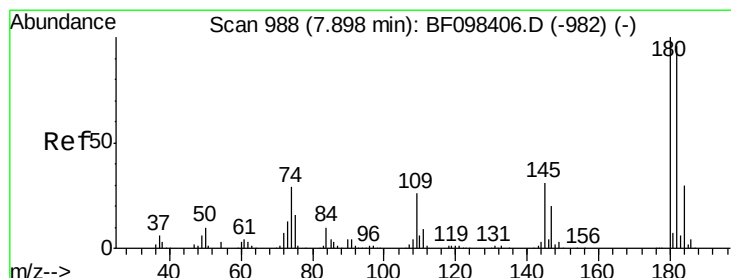
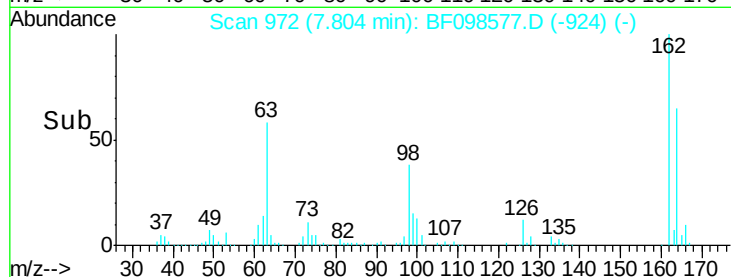
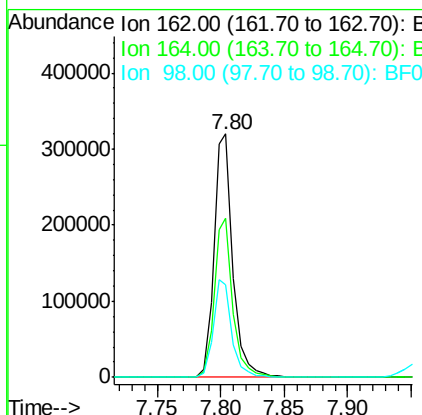
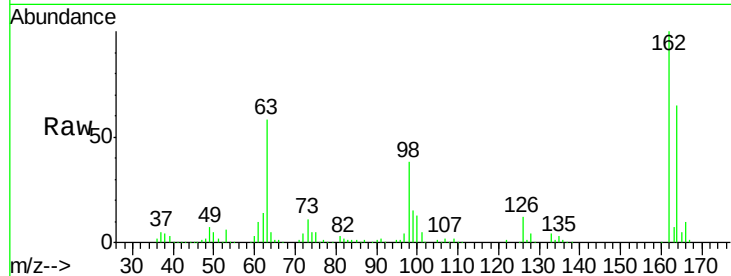
#29  
 2,4-Dichlorophenol  
 Concen: 41.286 ng  
 RT: 7.80 min Scan# 972  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UT5400S16MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 333864 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 65.2  | 44.6  | 84.6   |
| 98        | 37.8  | 14.8  | 54.8   |

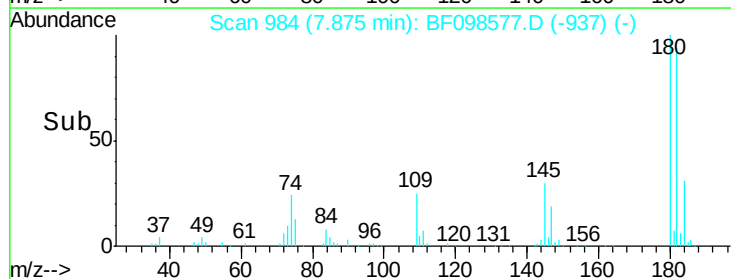
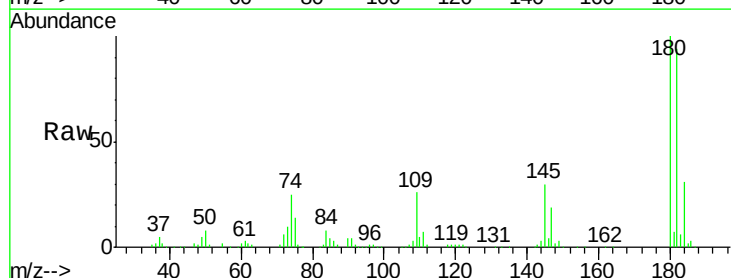
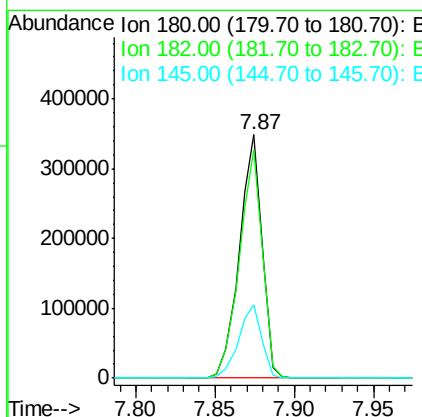
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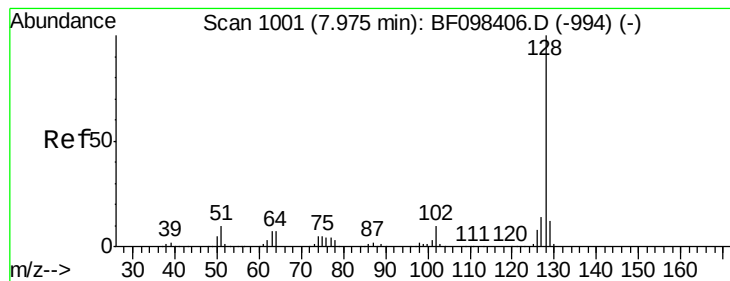
Sohil  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.913 ng  
 RT: 7.87 min Scan# 984  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 342305 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.0  | 75.8  | 113.6  |
| 145       | 30.3  | 25.3  | 37.9   |





#31

Naphthalene

Concen: 37.631 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

Instrument :

BNA\_F

ClientSampleId :

UT5400S16MS

Tgt Ion:128 Resp: 1150189

Ion Ratio Lower Upper

128 100

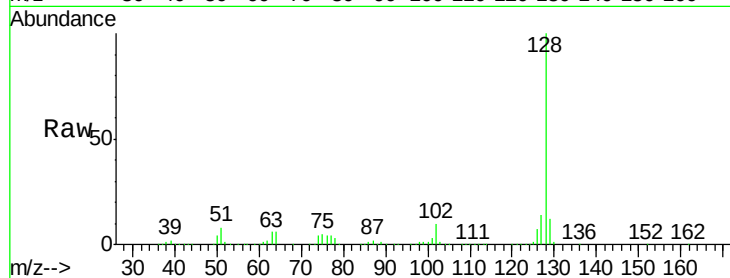
129 11.5 9.0 13.6

127 13.7 10.8 16.2

Manual Integrations  
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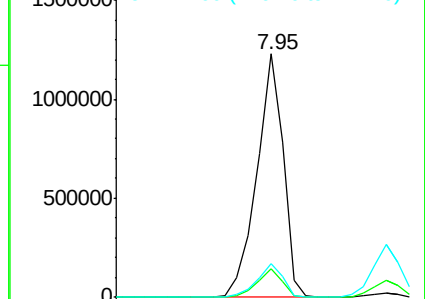
9/18/2017 3:33:46 PM



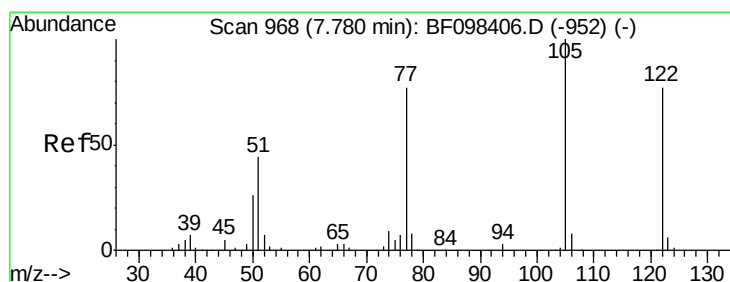
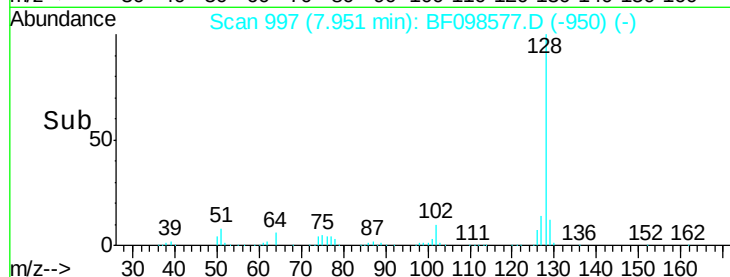
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#32

Benzoic acid

Concen: 26.738 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.03 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

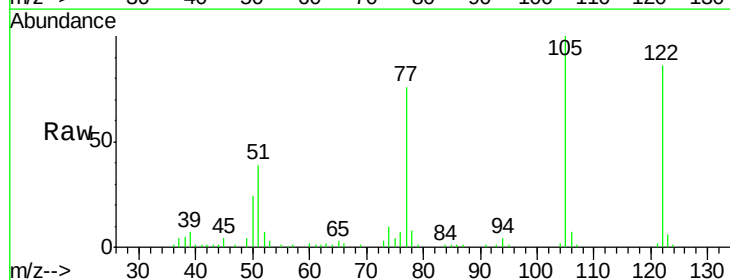
Tgt Ion:122 Resp: 146788

Ion Ratio Lower Upper

122 100

105 116.1 103.3 143.3

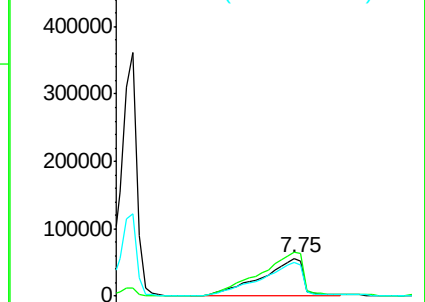
77 88.3 73.7 113.7



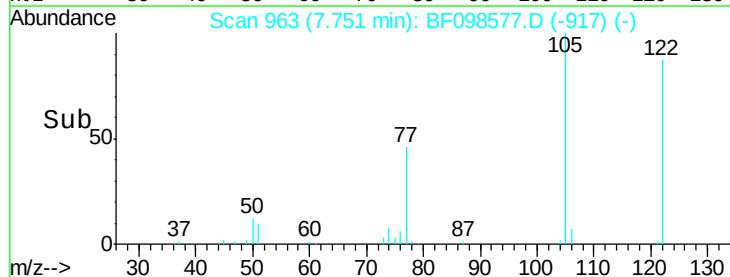
Abundance Ion 122.00 (121.70 to 122.70): E

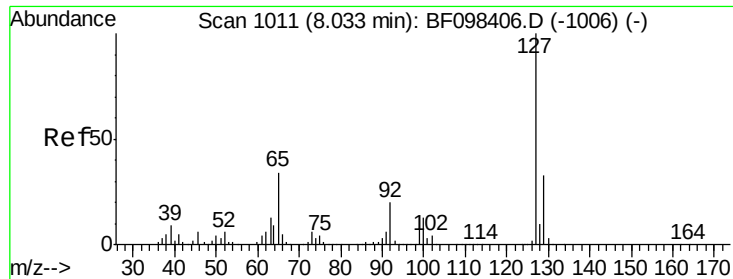
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



Time-->





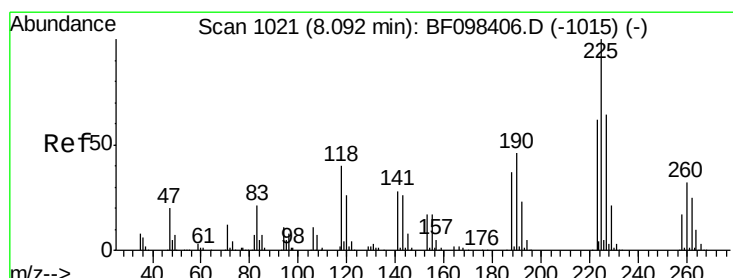
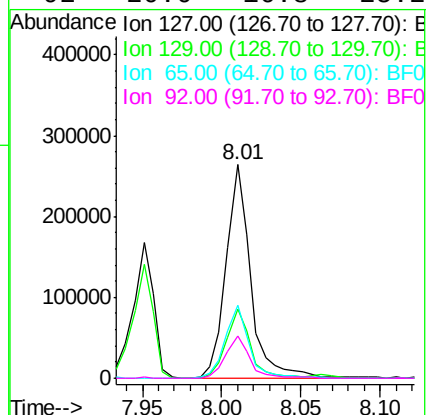
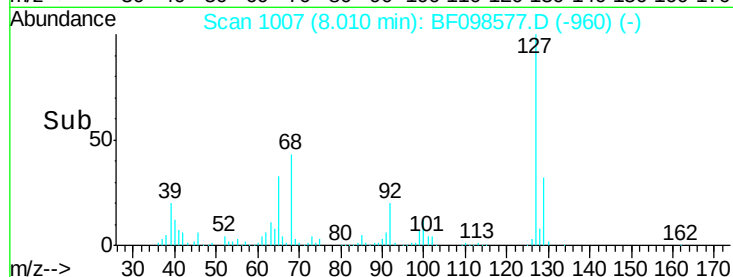
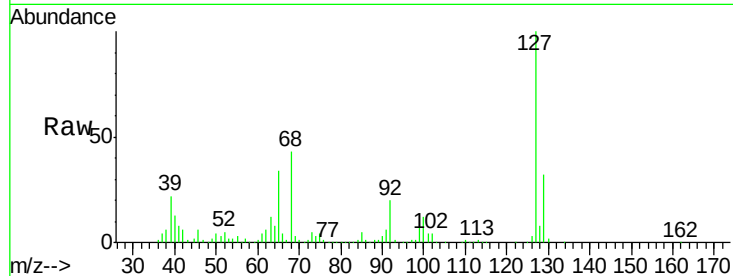
#33  
4-Chloroaniline  
Concen: 22.837 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 283680 |       |       |
| 129     | 32.2  | 26.2   | 39.2  |       |
| 65      | 33.9  | 27.8   | 41.8  |       |
| 92      | 20.0  | 16.8   | 25.2  |       |

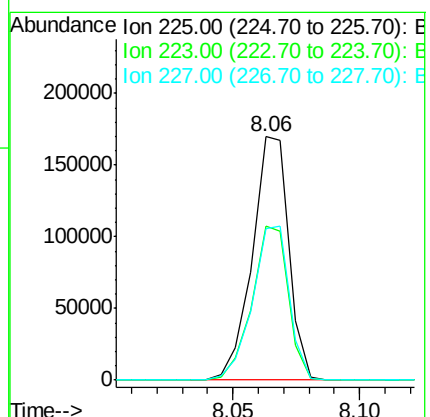
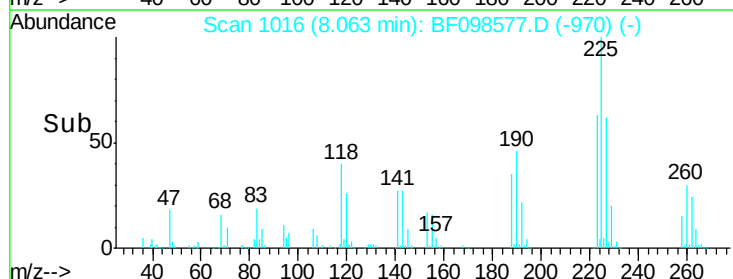
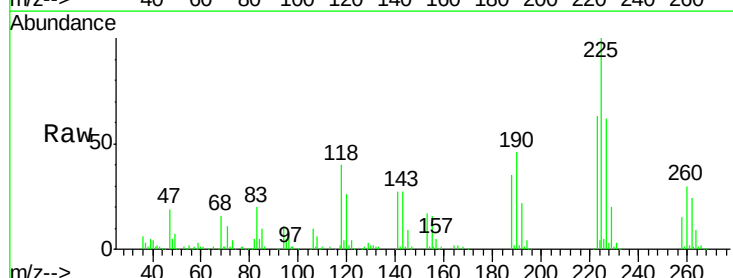
Manual Integrations  
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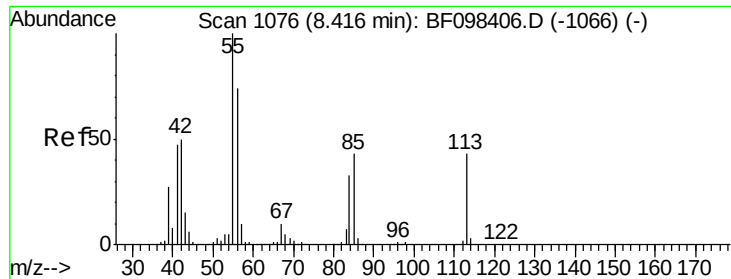
Sohil  
9/18/2017 3:33:46 PM



#34  
Hexachlorobutadiene  
Concen: 37.730 ng  
RT: 8.06 min Scan# 1016  
Delta R.T. -0.03 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 170383 |       |       |
| 223     | 63.2  | 48.8   | 73.2  |       |
| 227     | 62.2  | 51.1   | 76.7  |       |





#35

Caprolactam

Concen: 39.252 ng m

RT: 8.40 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

Instrument :

BNA\_F

ClientSampleId :

UT5400S16MS

Tgt Ion:113 Resp: 109456  
Ion Ratio Lower Upper

113 100

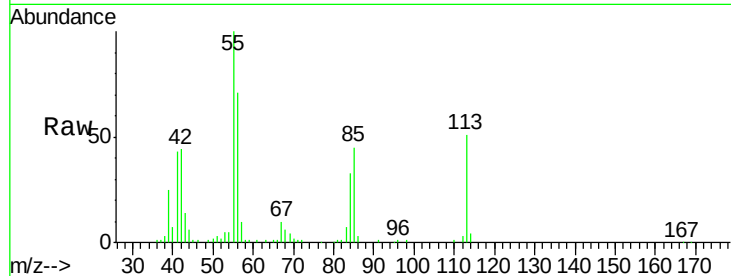
55 194.3 150.2 190.2#

56 137.5 107.8 147.8

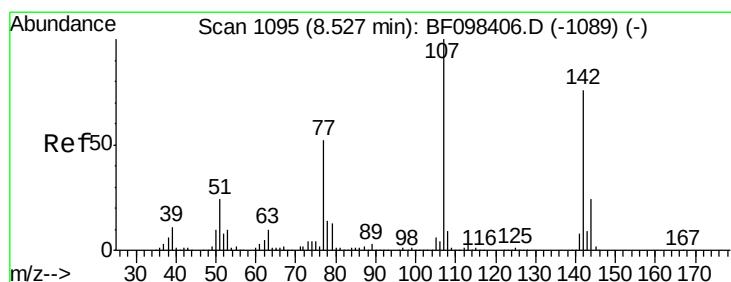
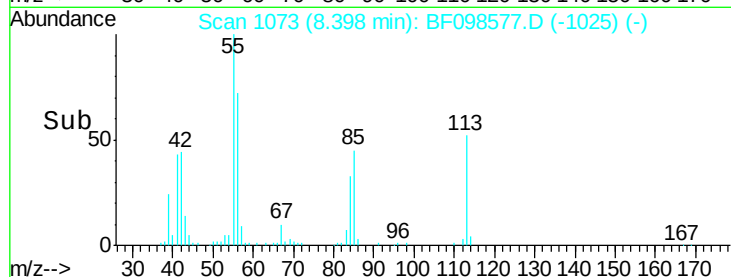
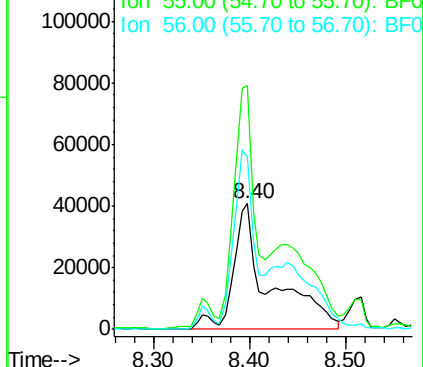
Manual Integrations  
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Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF0  
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.169 ng

RT: 8.52 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF098577.D

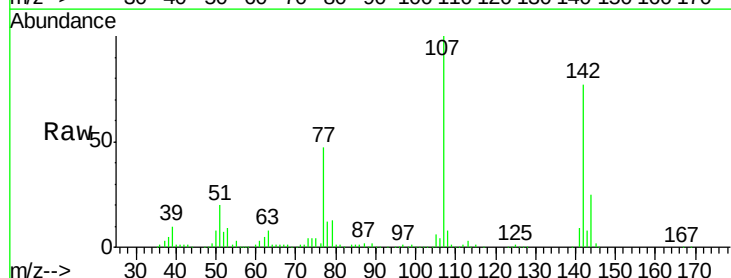
Acq: 15 Sep 2017 19:07

Tgt Ion:107 Resp: 382790  
Ion Ratio Lower Upper

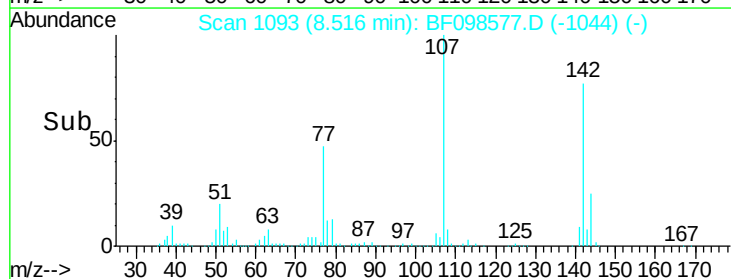
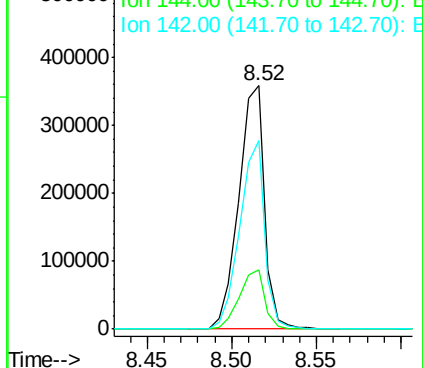
107 100

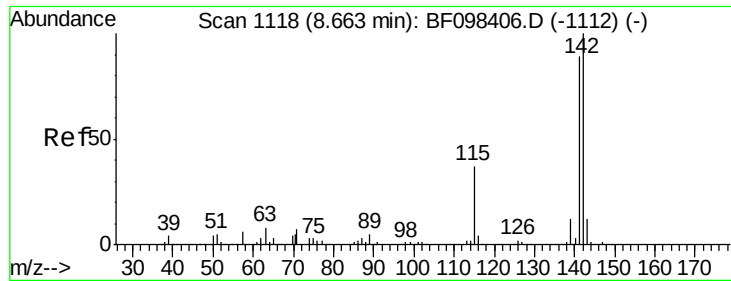
144 24.5 24.2 36.4

142 77.2 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E





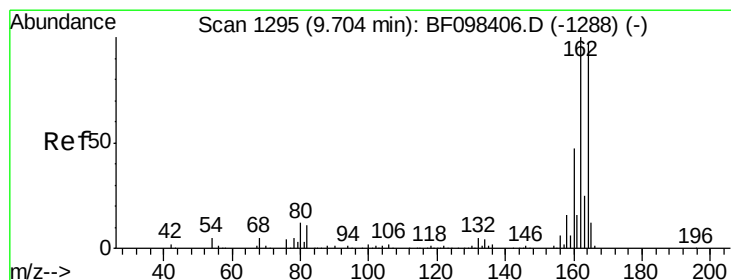
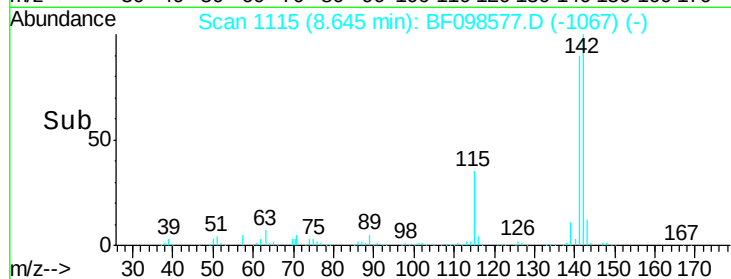
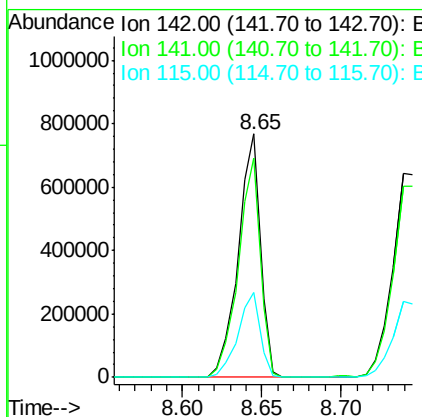
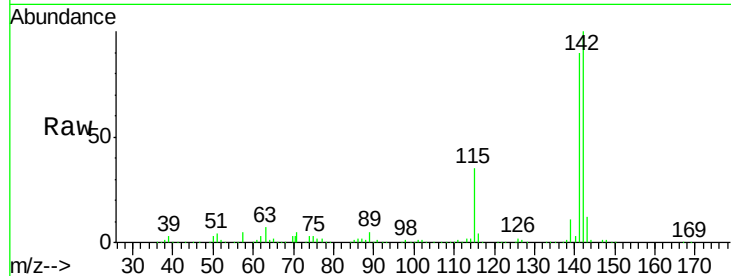
#37  
2-Methylnaphthalene  
Concen: 40.189 ng  
RT: 8.65 min Scan# 1115  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.2  | 71.3  | 106.9 |
| 115     | 34.6  | 27.1  | 40.7  |

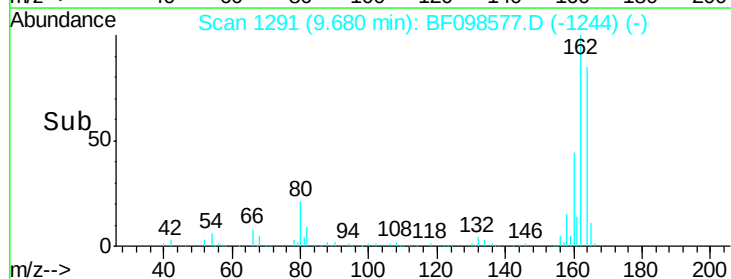
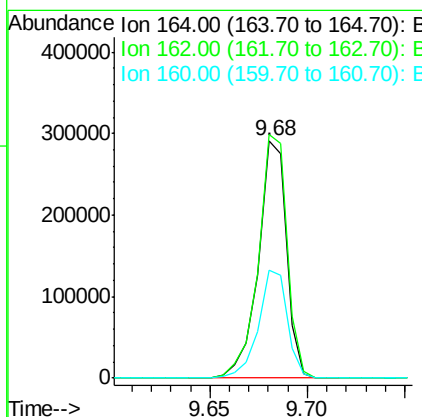
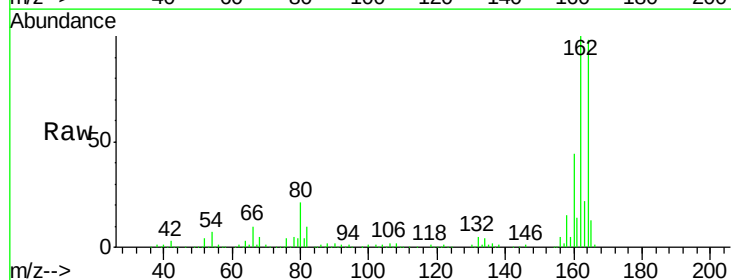
Manual Integrations  
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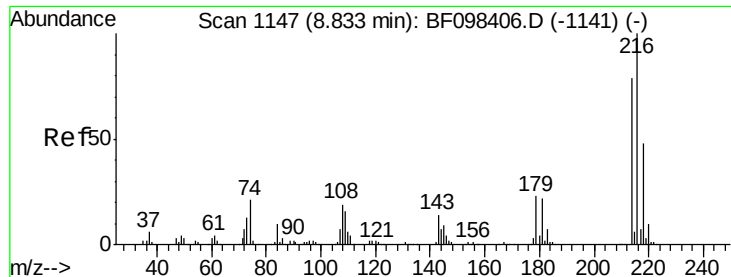
Sohil  
9/18/2017 3:33:46 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.68 min Scan# 1291  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.5 | 82.6  | 123.8 |
| 160     | 45.3  | 36.2  | 54.2  |





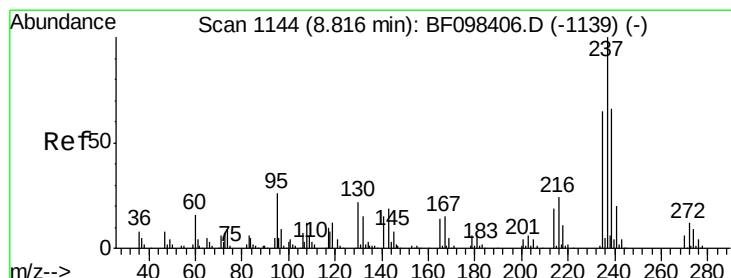
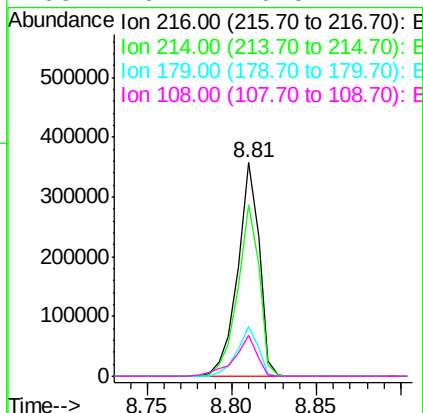
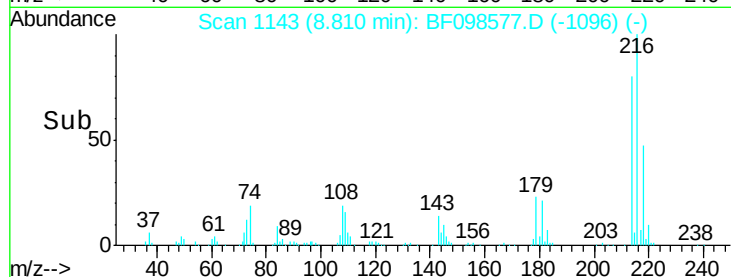
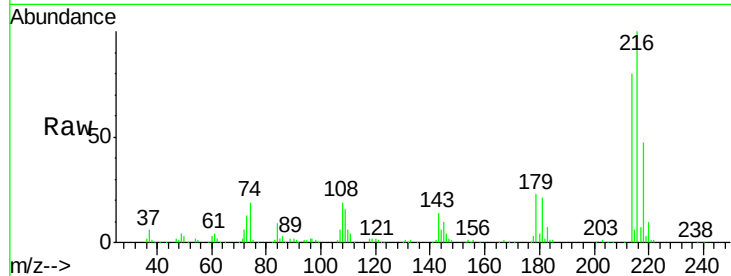
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 34.729 ng  
 RT: 8.81 min Scan# 1143  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UT5400S16MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 315495 |       |       |
| 214     | 80.9  | 63.4   | 95.2  |       |
| 179     | 23.0  | 17.9   | 26.9  |       |
| 108     | 20.1  | 16.5   | 24.7  |       |

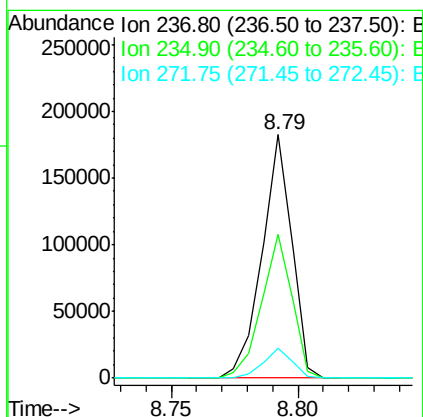
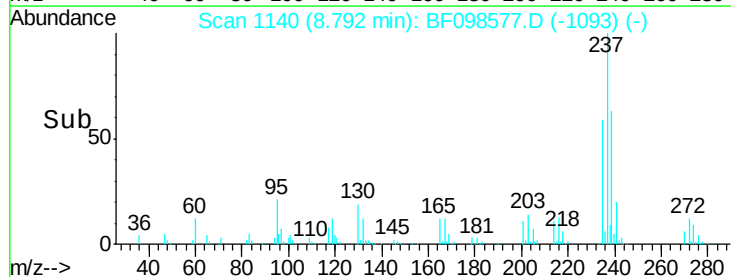
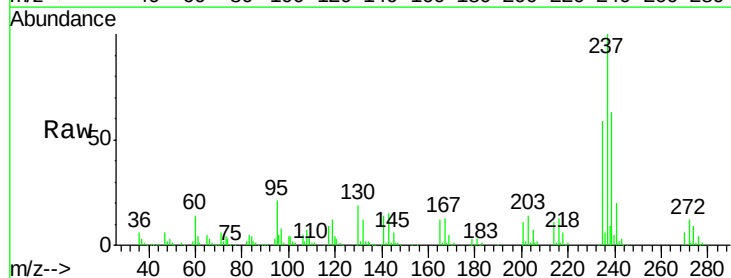
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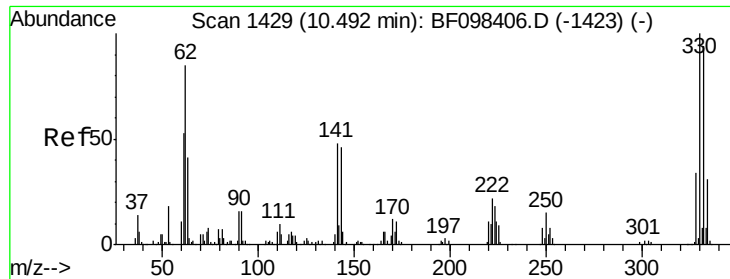


#40  
 Hexachlorocyclopentadiene  
 Concen: 59.505 ng  
 RT: 8.79 min Scan# 1140  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 150666 |       |       |
| 235     | 59.2  | 42.6   | 82.6  |       |
| 272     | 12.3  | 0.0    | 31.9  |       |







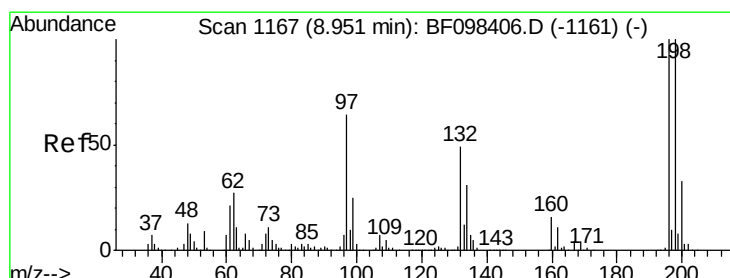
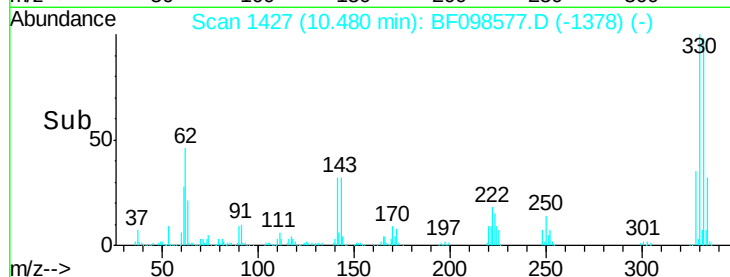
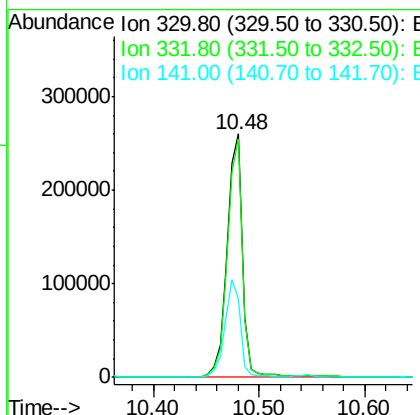
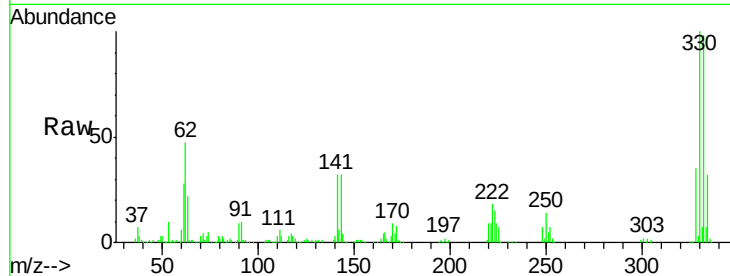
#41  
 2,4,6-Tribromophenol  
 Concen: 135.735 ng  
 RT: 10.48 min Scan# 1427  
 Delta R.T. -0.01 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UT5400S16MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 264202 |       |       |
| 332     | 95.9  | 76.6   | 115.0 |       |
| 141     | 40.4  | 31.4   | 47.2  |       |

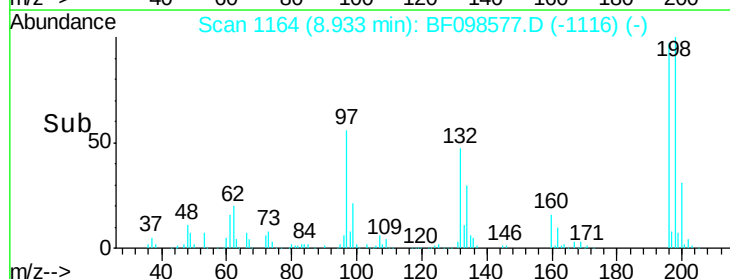
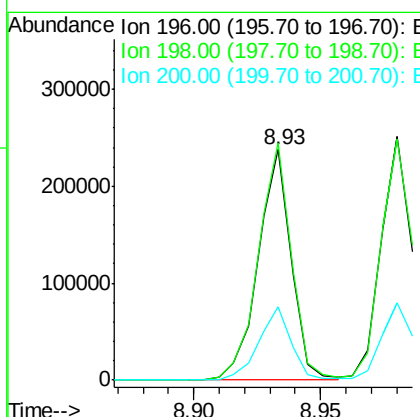
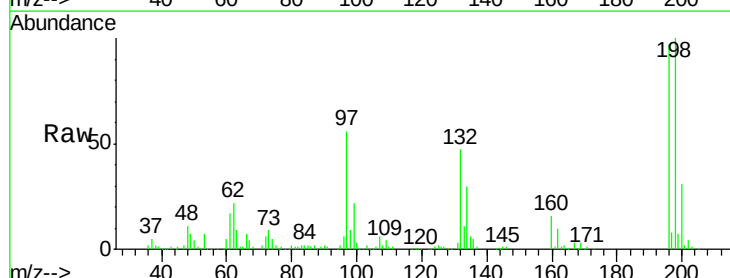
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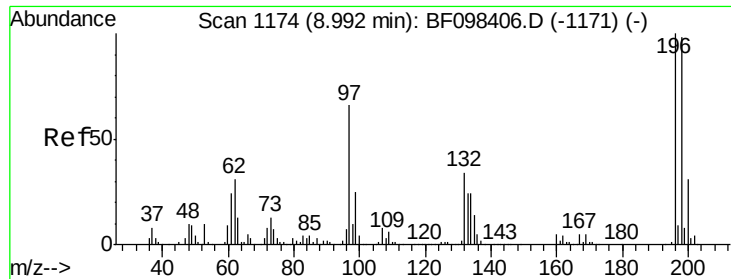
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#42  
 2,4,6-Trichlorophenol  
 Concen: 40.712 ng  
 RT: 8.93 min Scan# 1164  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 217237 |       |       |
| 198     | 103.0 | 74.2   | 111.4 |       |
| 200     | 31.8  | 24.0   | 36.0  |       |





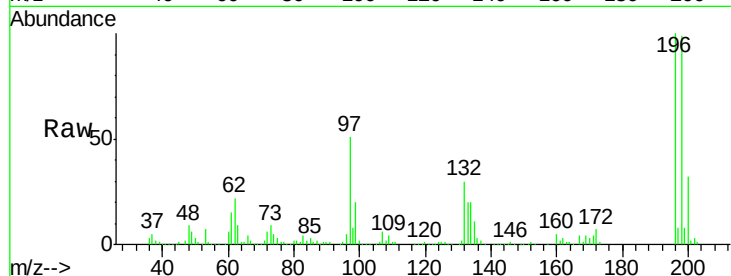
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.739 ng  
 RT: 8.98 min Scan# 1172  
 Delta R.T. -0.01 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UT5400S16MS

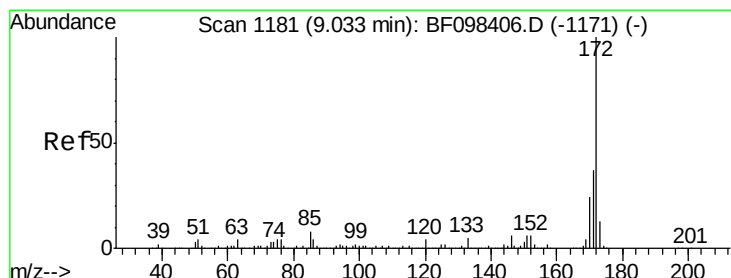
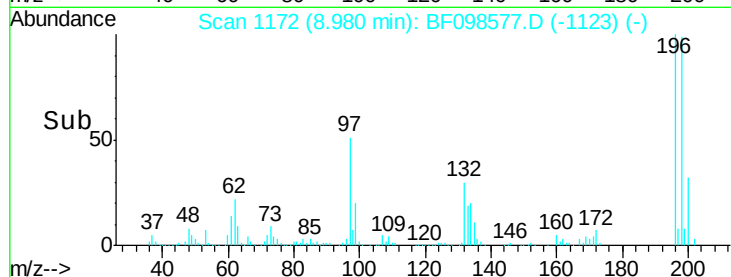
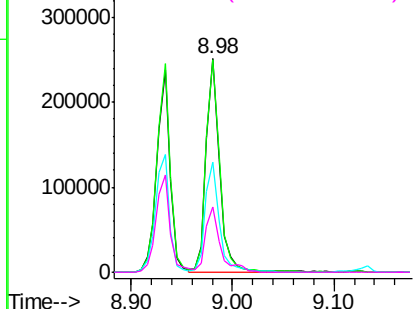
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 232789 |       |       |
| 198     | 99.2  | 75.7   | 113.5 |       |
| 97      | 51.3  | 47.7   | 71.5  |       |
| 132     | 30.4  | 28.0   | 42.0  |       |

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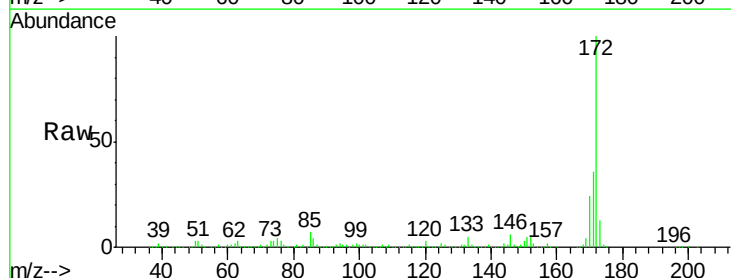


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

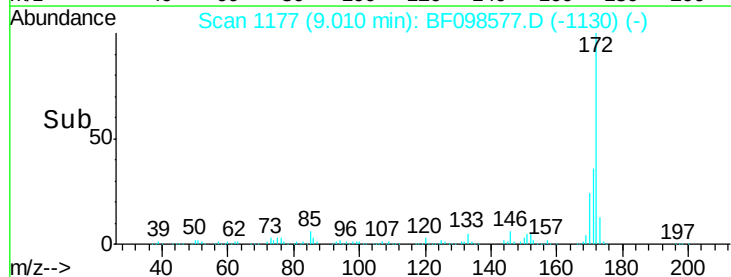
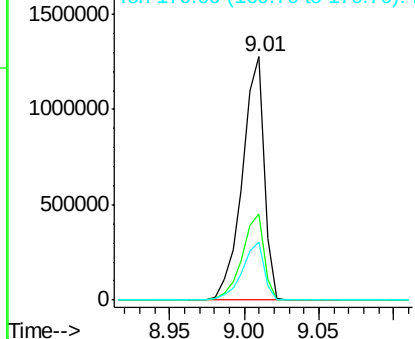


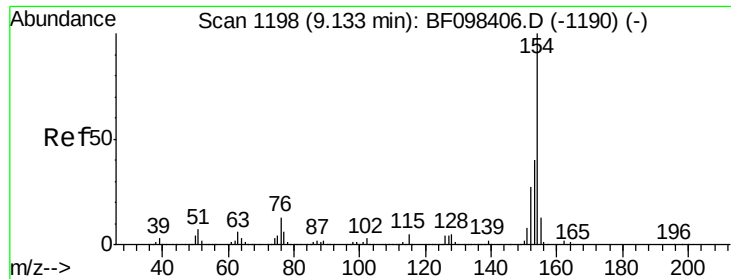
#44  
 2-Fluorobiphenyl  
 Concen: 75.279 ng  
 RT: 9.01 min Scan# 1177  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1295298 |       |       |
| 171     | 35.6  | 29.6    | 44.4  |       |
| 170     | 23.6  | 19.8    | 29.8  |       |



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





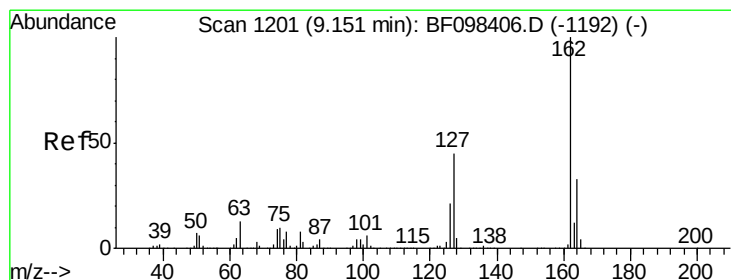
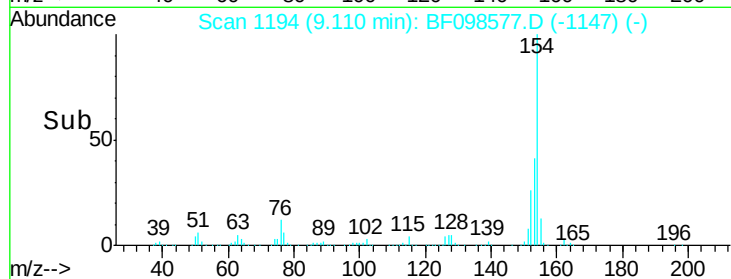
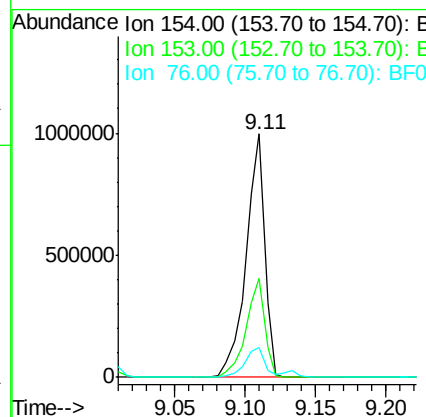
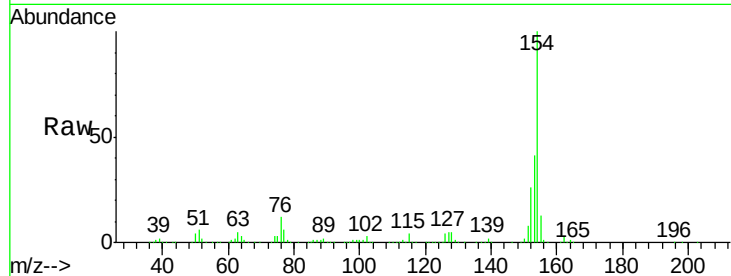
#45  
 1,1'-Biphenyl  
 Concen: 35.096 ng  
 RT: 9.11 min Scan# 1194  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UT5400S16MS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 154     | 100   |            |            |
| 153     | 40.5  | 21.2       | 61.2       |
| 76      | 12.0  | 0.0        | 29.9       |

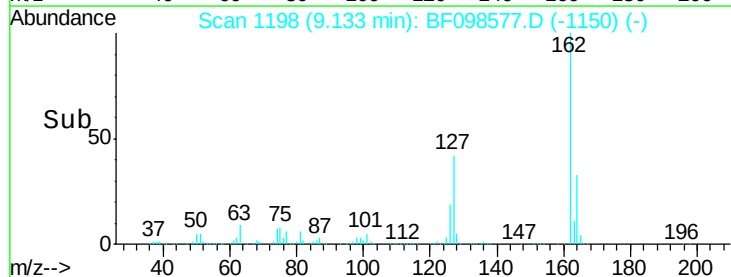
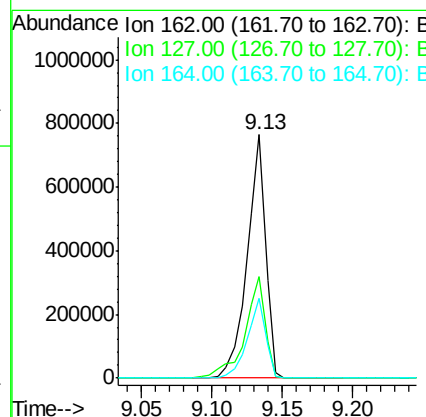
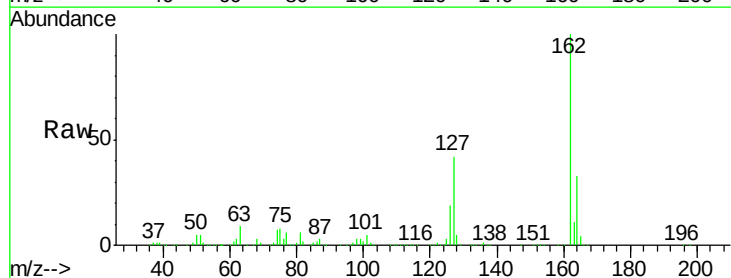
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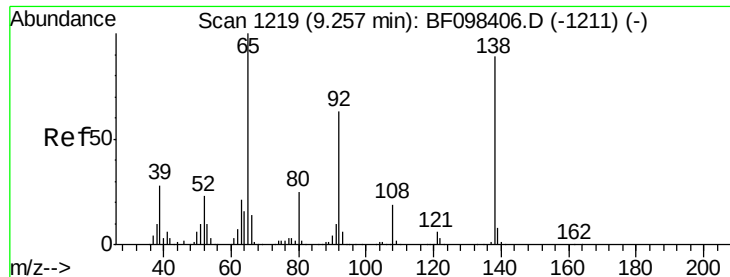
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#46  
 2-Chloronaphthalene  
 Concen: 37.372 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 127     | 41.8  | 28.3       | 42.5       |
| 164     | 32.7  | 27.0       | 40.4       |





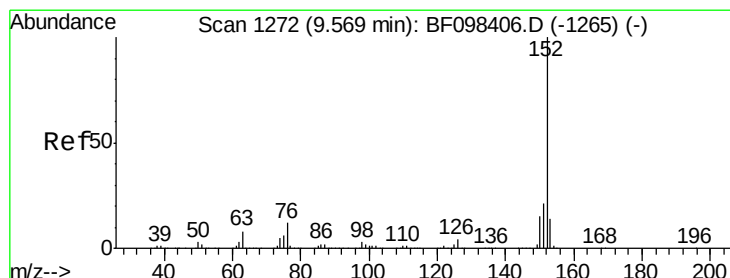
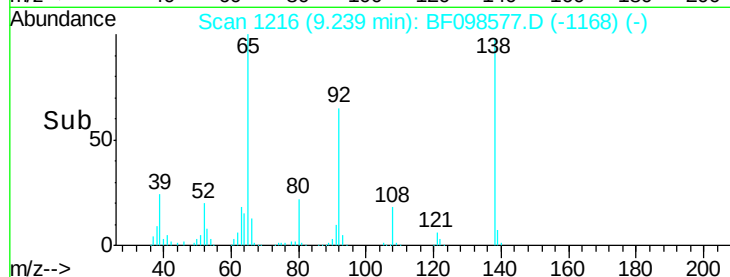
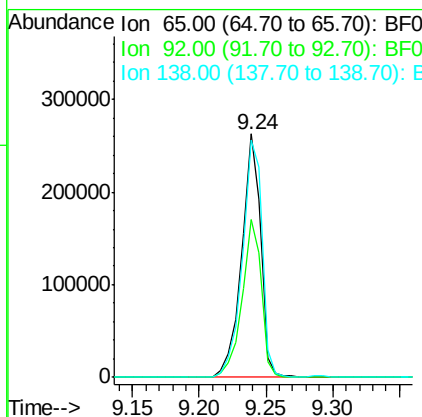
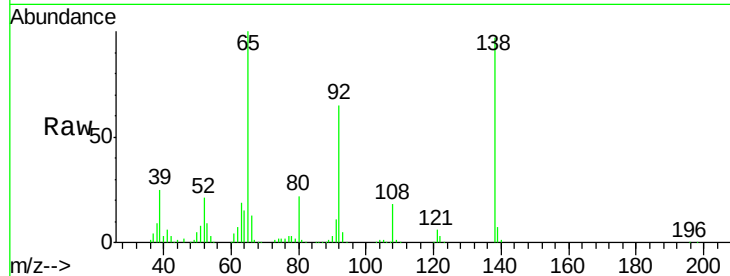
#47  
 2-Nitroaniline  
 Concen: 36.409 ng  
 RT: 9.24 min Scan# 1216  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UT5400S16MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 260516 |       |       |
| 92      | 64.8  | 53.9   | 80.9  |       |
| 138     | 97.3  | 78.8   | 118.2 |       |

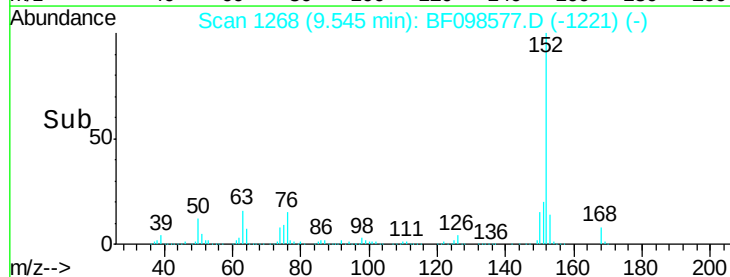
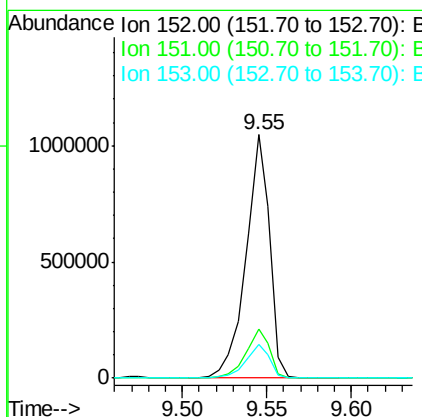
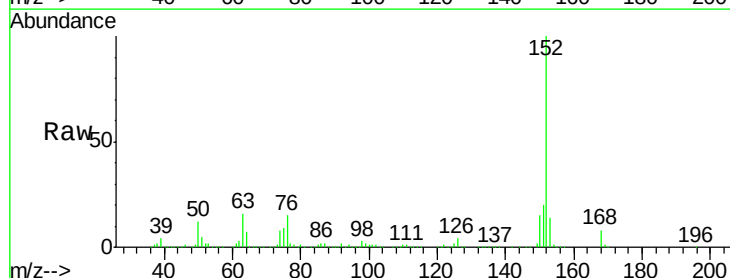
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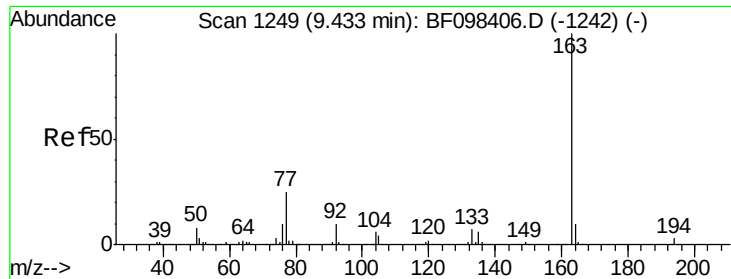
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#48  
 Acenaphthylene  
 Concen: 36.809 ng  
 RT: 9.55 min Scan# 1268  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 152     | 100   | 1020291 |       |       |
| 151     | 20.3  | 16.8    | 25.2  |       |
| 153     | 13.9  | 10.8    | 16.2  |       |





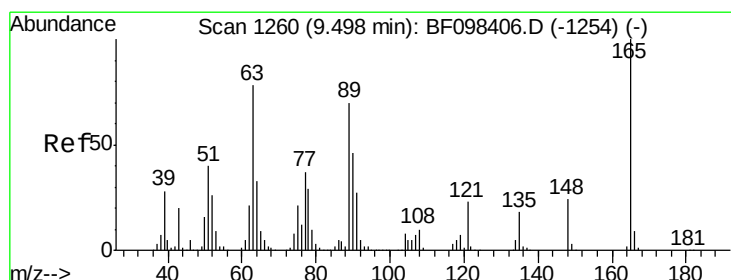
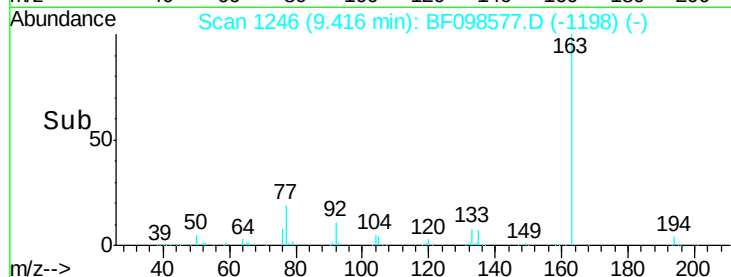
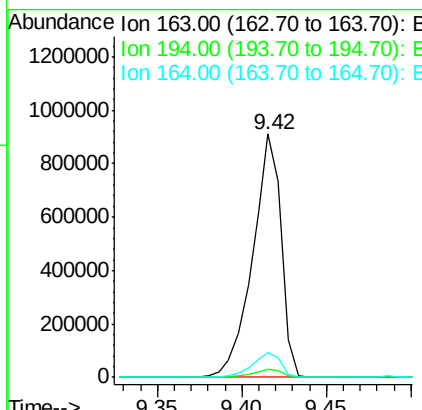
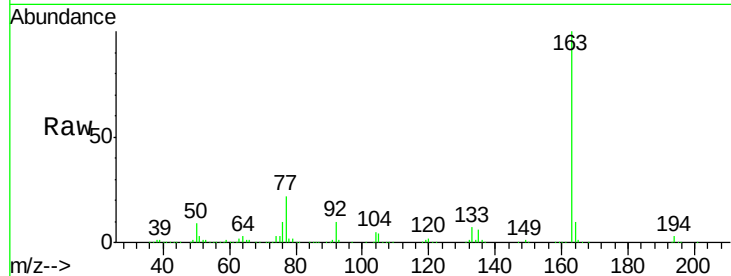
#49  
Dimethylphthalate  
Concen: 47.198 ng  
RT: 9.42 min Scan# 1246  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.3   | 2.6   | 4.0   |
| 164     | 10.3  | 8.4   | 12.6  |

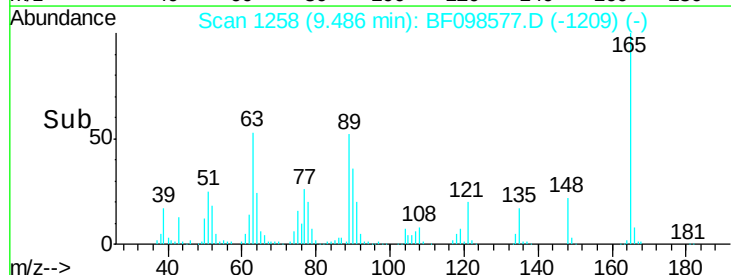
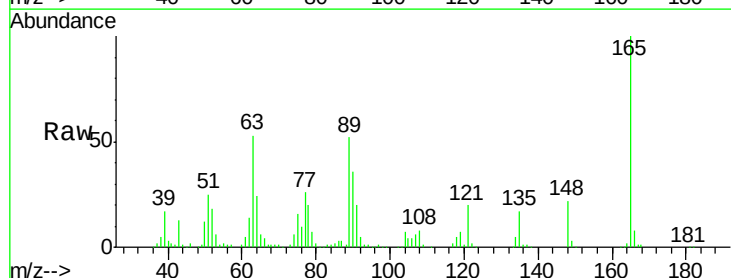
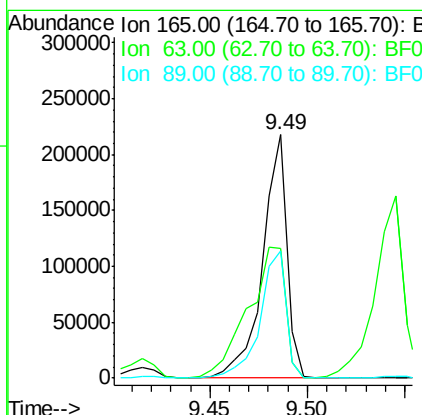
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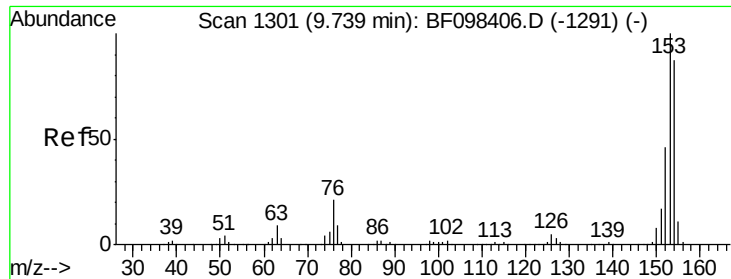
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#50  
2,6-Dinitrotoluene  
Concen: 40.615 ng  
RT: 9.49 min Scan# 1258  
Delta R.T. -0.01 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 53.3  | 34.3  | 51.5# |
| 89      | 52.1  | 37.1  | 55.7  |





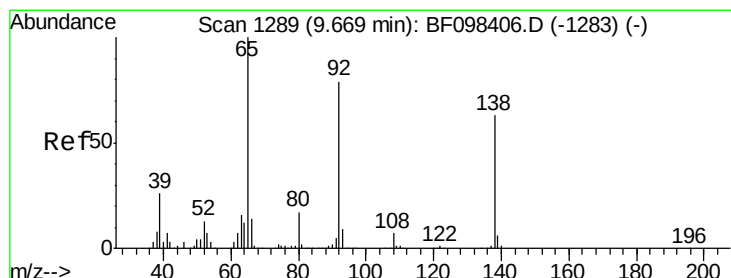
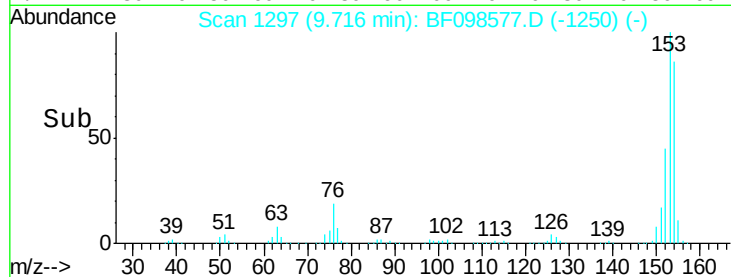
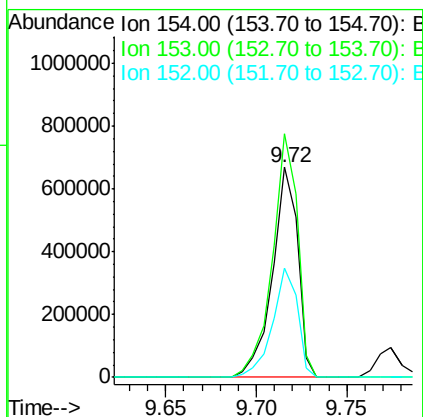
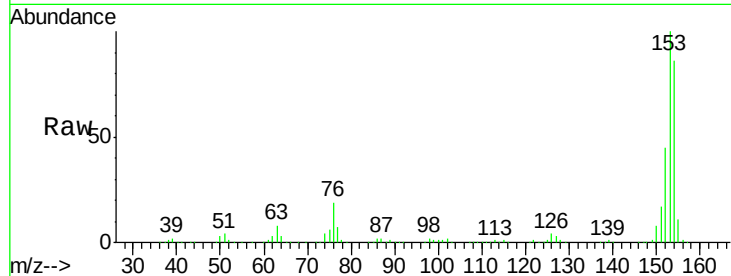
#51  
Acenaphthene  
Concen: 36.756 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 647626 |       |       |
| 153     | 116.0 | 90.5   | 135.7 |       |
| 152     | 52.0  | 43.6   | 65.4  |       |

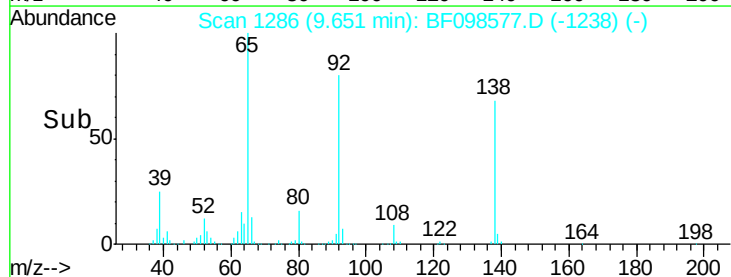
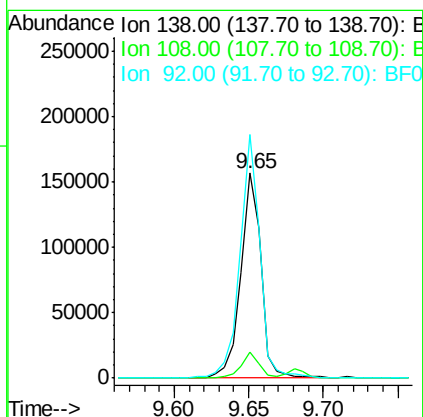
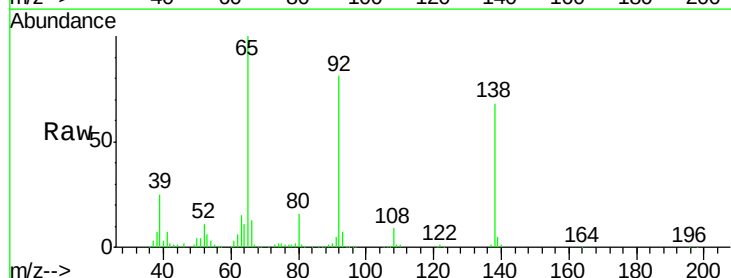
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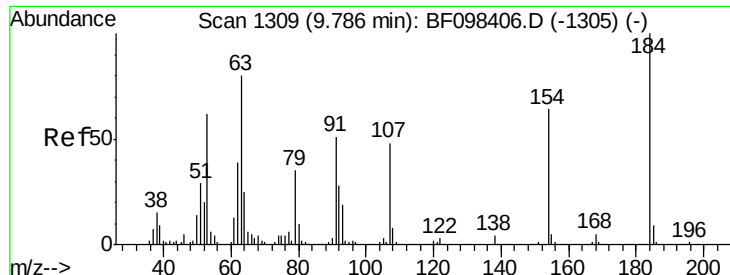
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#52  
3-Nitroaniline  
Concen: 26.544 ng  
RT: 9.65 min Scan# 1286  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 148586 |       |       |
| 108     | 12.9  | 9.1    | 13.7  |       |
| 92      | 118.7 | 93.8   | 140.6 |       |





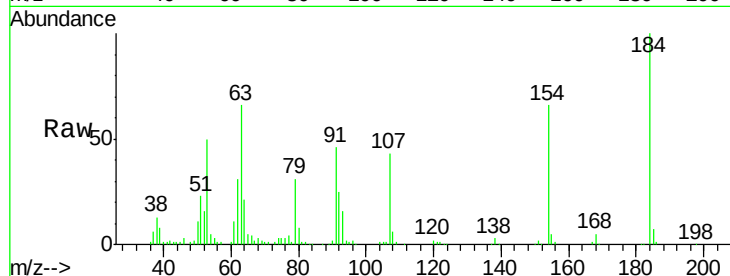
#53  
2,4-Dinitrophenol  
Concen: 70.385 ng  
RT: 9.77 min Scan# 1307  
Delta R.T. -0.01 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

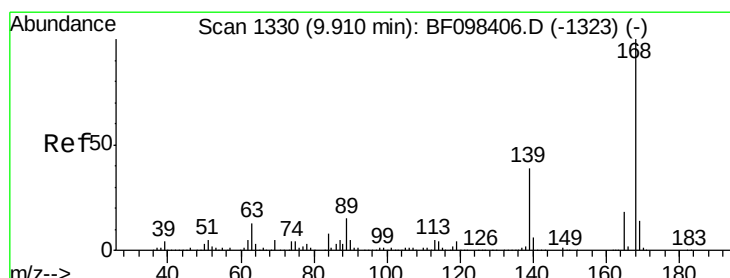
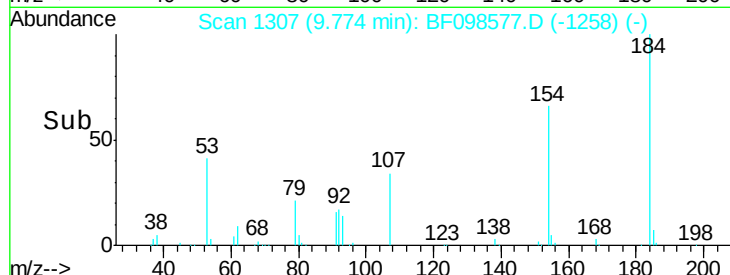
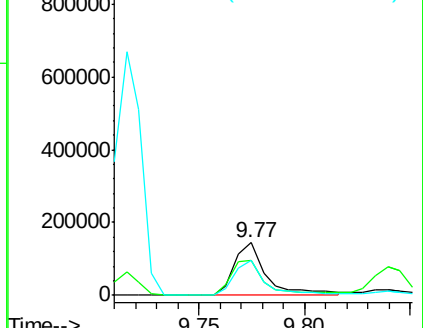
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 151772 |       |       |
| 63      | 66.0  | 62.7   | 94.1  |       |
| 154     | 65.5  | 81.1   | 121.7 |       |

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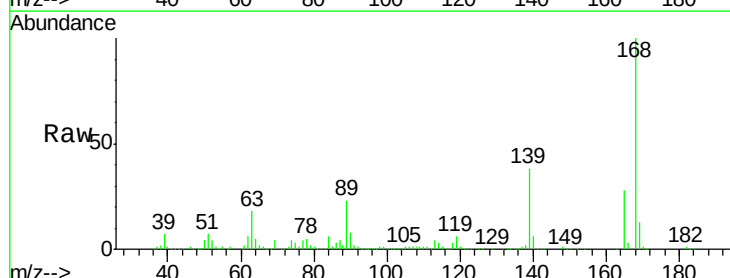


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

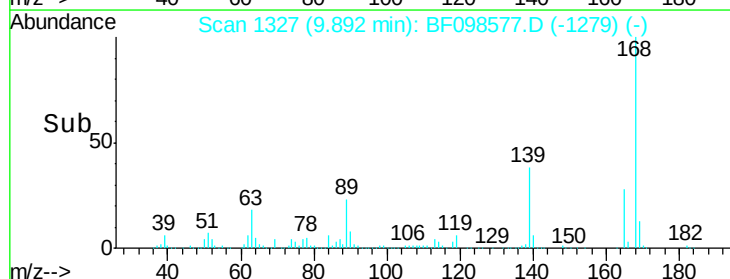
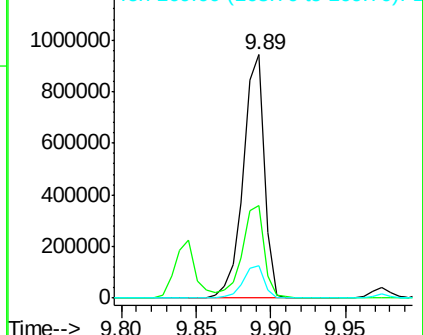


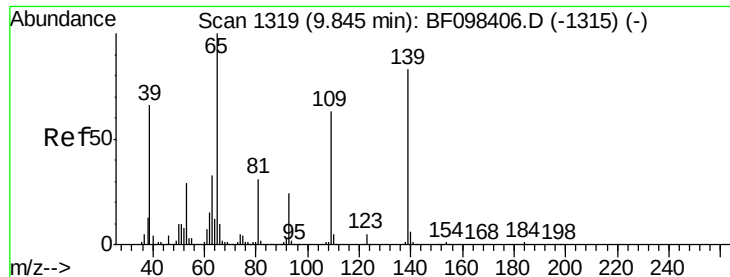
#54  
Dibenzofuran  
Concen: 39.785 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 923492 |       |       |
| 139     | 37.8  | 30.6   | 45.8  |       |
| 169     | 13.2  | 10.8   | 16.2  |       |



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





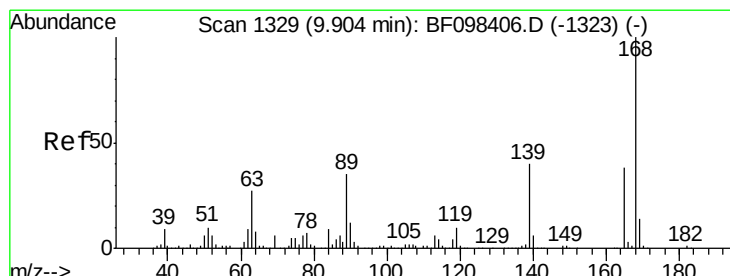
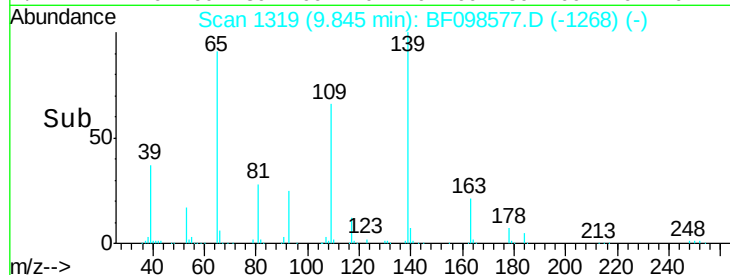
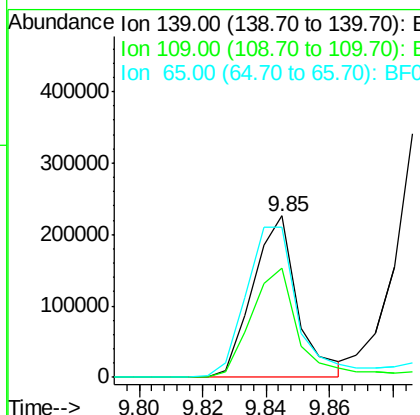
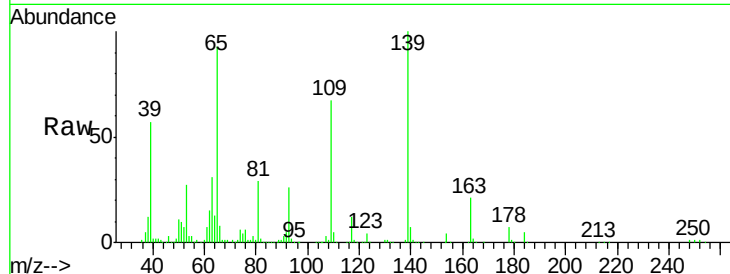
#55  
4-Nitrophenol  
Concen: 68.750 ng  
RT: 9.85 min Scan# 1319  
Delta R.T. 0.00 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 221105 |       |       |
| 109     | 67.4  | 34.1   | 74.1  |       |
| 65      | 93.1  | 31.4   | 71.4  |       |

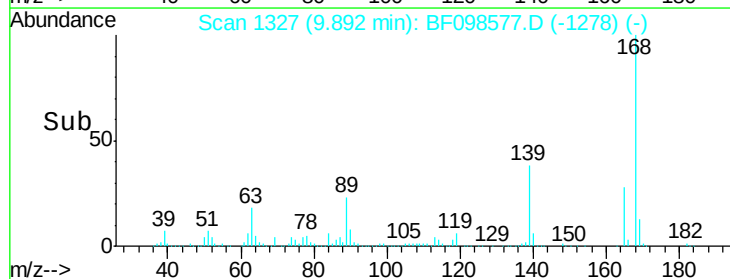
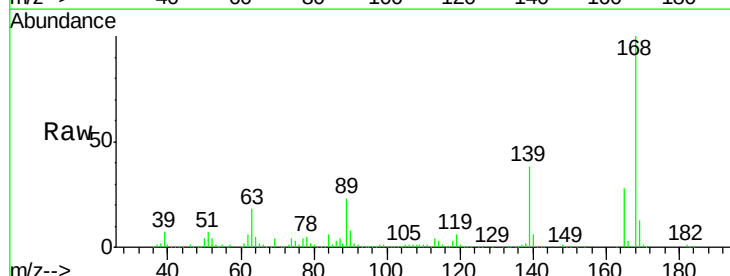
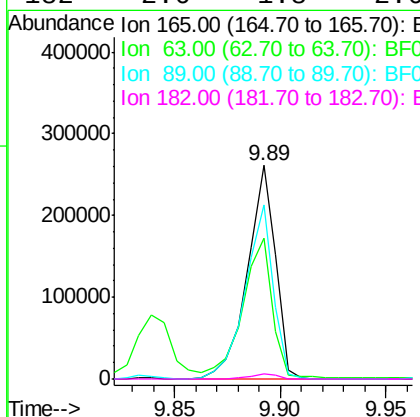
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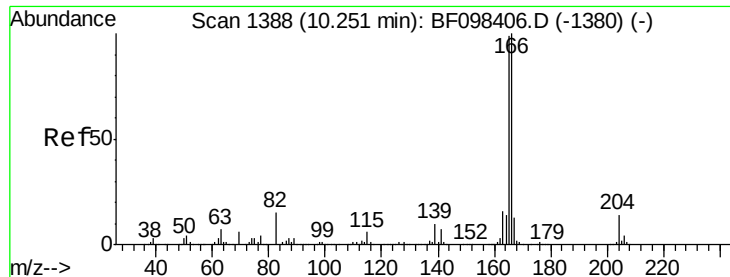


#56  
2,4-Dinitrotoluene  
Concen: 42.908 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 241900 |       |       |
| 63      | 65.9  | 25.4   | 38.0  |       |
| 89      | 81.7  | 46.4   | 69.6  |       |
| 182     | 2.6   | 1.8    | 2.6   |       |







#57

Fluorene

Concen: 37.941 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

Instrument :

BNA\_F

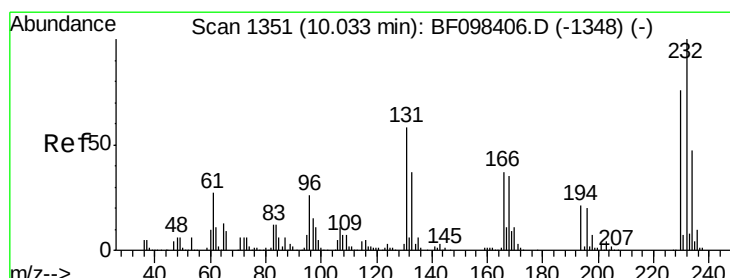
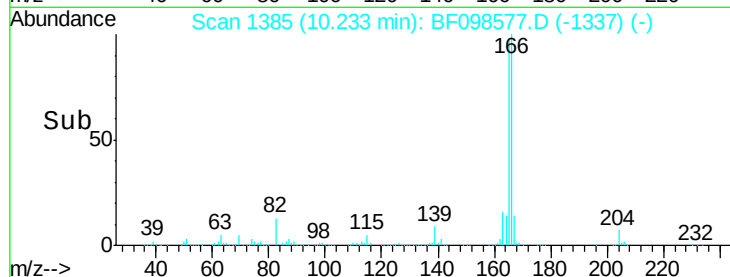
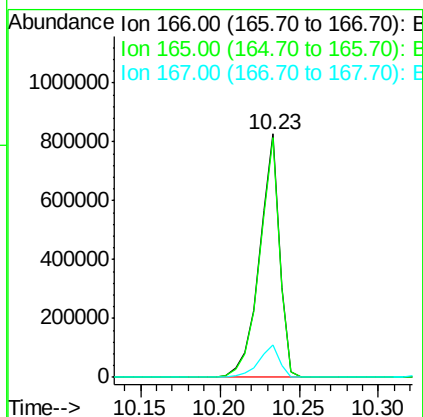
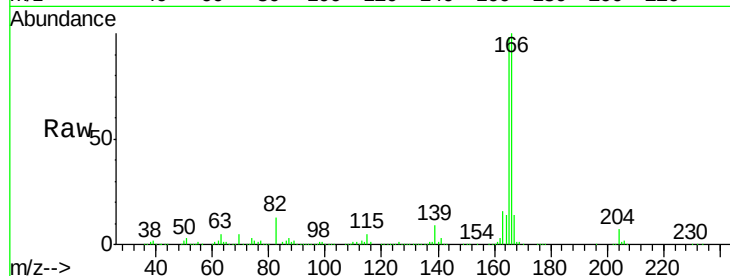
ClientSampleId :

UT5400S16MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 728956 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.3  | 78.8  | 118.2  |
| 167       | 13.6  | 10.6  | 16.0   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.848 ng

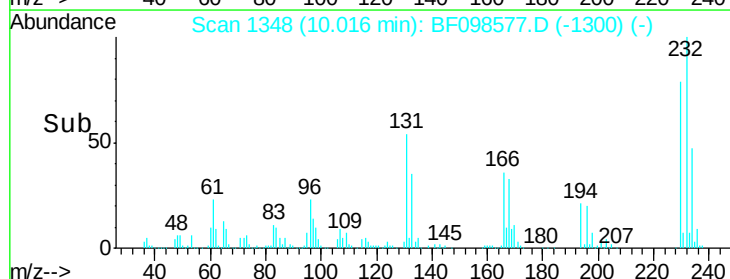
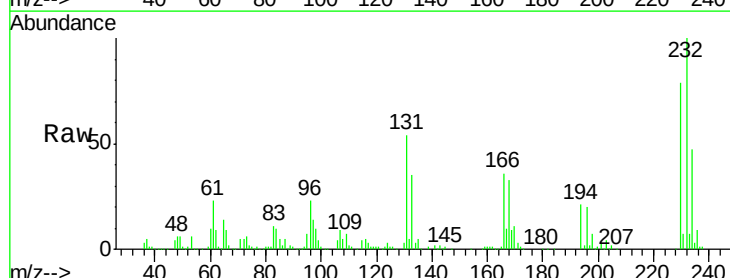
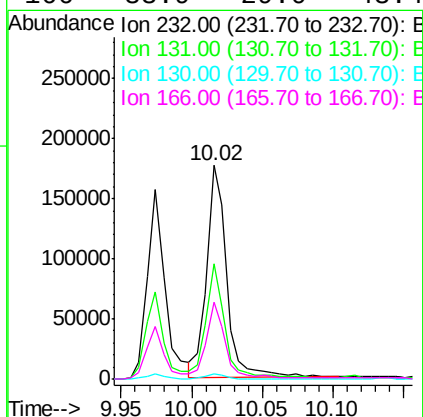
RT: 10.02 min Scan# 1348

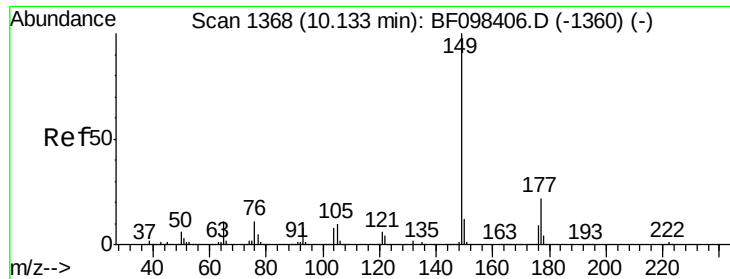
Delta R.T. -0.02 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 175598 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 51.4  | 44.8  | 67.2   |
| 130       | 2.3   | 2.3   | 3.5#   |
| 166       | 33.9  | 29.0  | 43.4   |





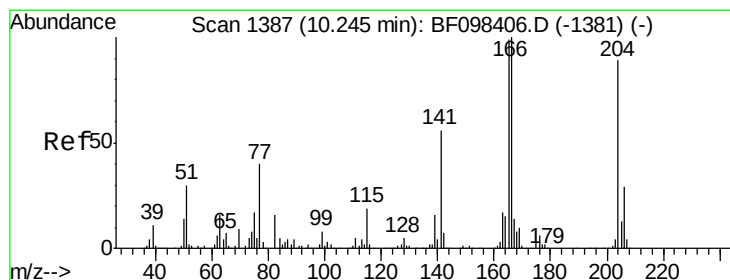
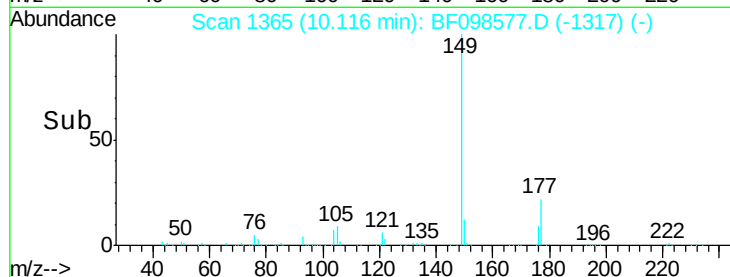
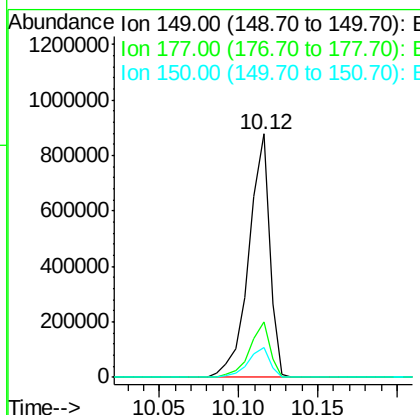
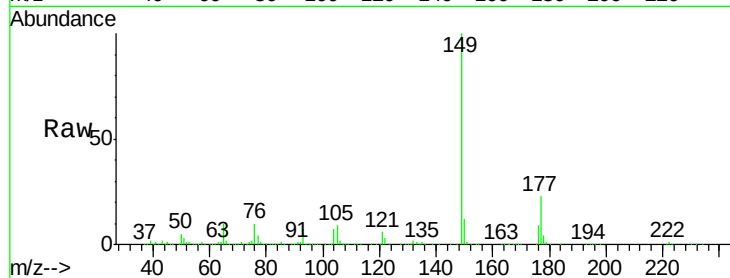
#59  
Diethylphthalate  
Concen: 37.359 ng  
RT: 10.12 min Scan# 1365  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 802096 |       |       |
| 177     | 22.6  | 16.7   | 25.1  |       |
| 150     | 12.2  | 10.2   | 15.2  |       |

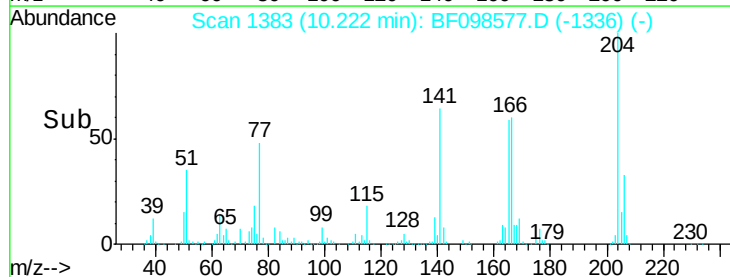
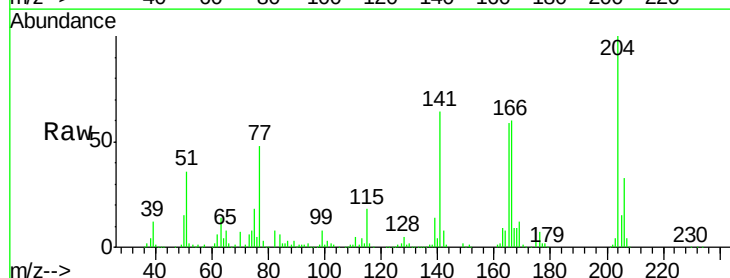
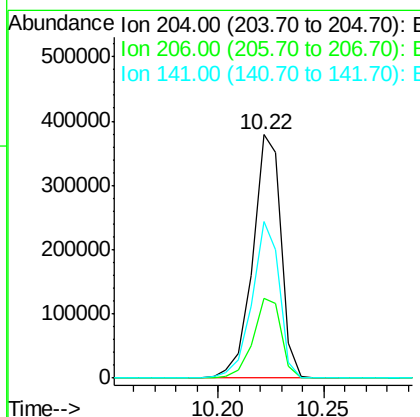
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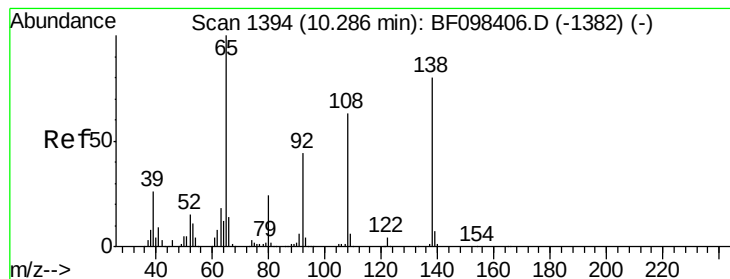
Sohil  
9/18/2017 3:33:46 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 39.849 ng  
RT: 10.22 min Scan# 1383  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 353629 |       |       |
| 206     | 32.6  | 26.2   | 39.2  |       |
| 141     | 64.1  | 60.8   | 91.2  |       |





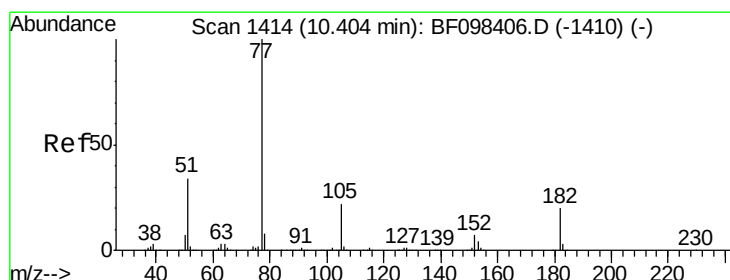
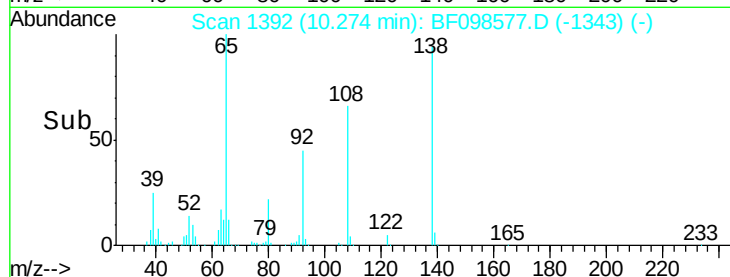
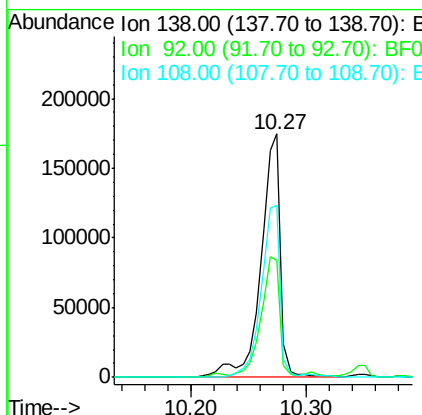
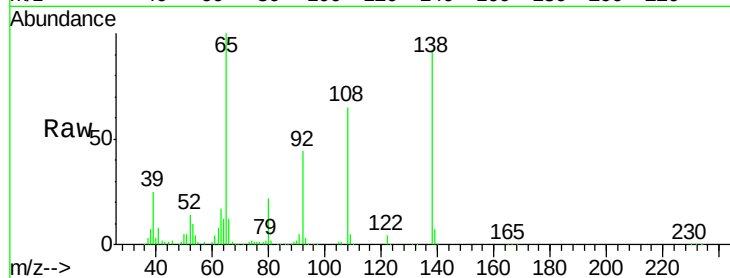
#61  
4-Nitroaniline  
Concen: 36.674 ng  
RT: 10.27 min Scan# 1392  
Delta R.T. -0.01 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 47.9  | 21.8  | 61.8  |
| 108     | 70.5  | 42.3  | 82.3  |

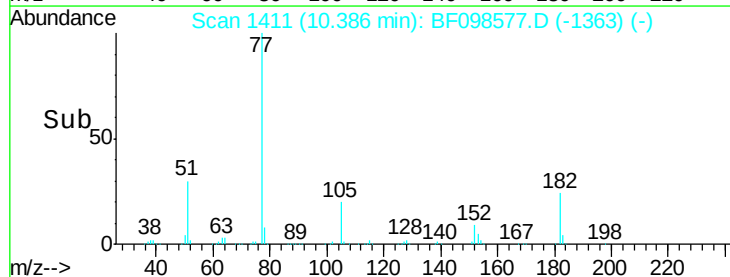
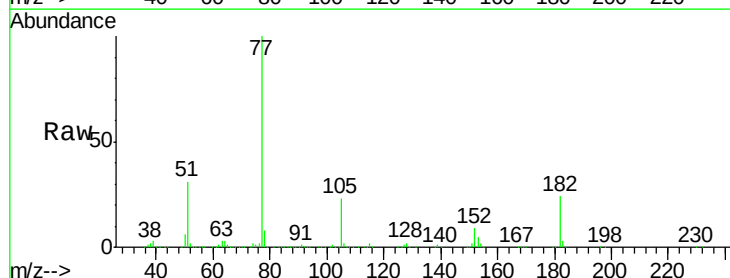
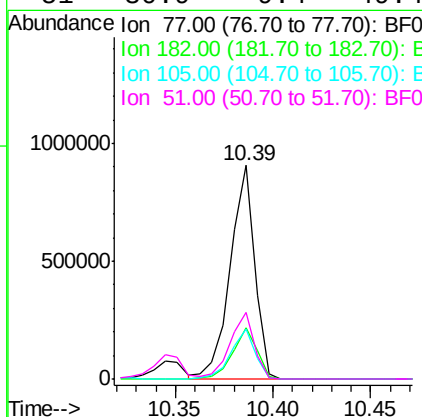
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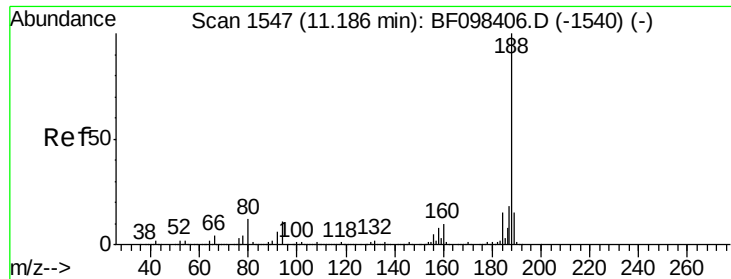
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9/18/2017 3:33:46 PM



#62  
Azobenzene  
Concen: 34.107 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.1  | 0.1   | 40.1  |
| 105     | 23.3  | 3.6   | 43.6  |
| 51      | 30.9  | 9.4   | 49.4  |





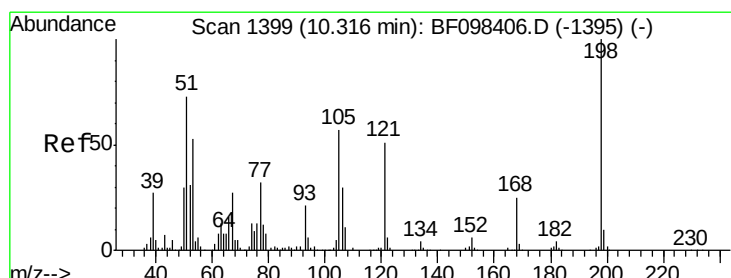
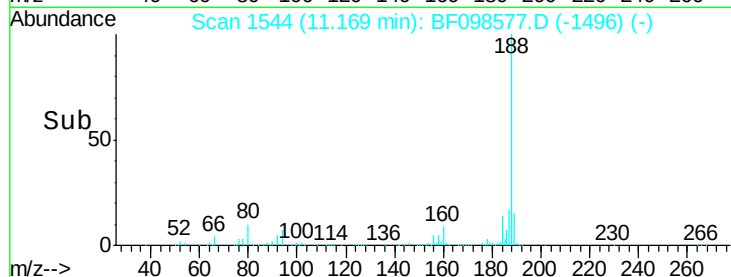
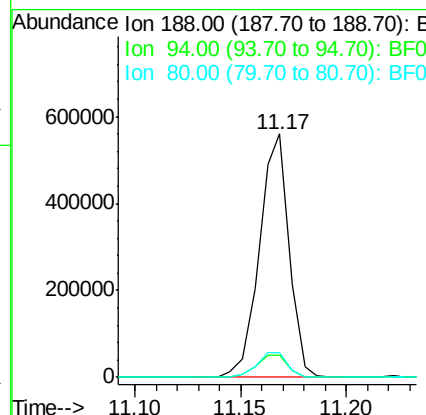
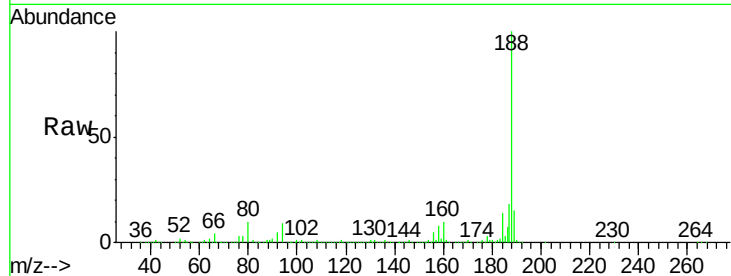
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.17 min Scan# 1544  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 9.0   | 9.4        | 14.2#      |
| 80      | 10.1  | 10.2       | 15.2#      |

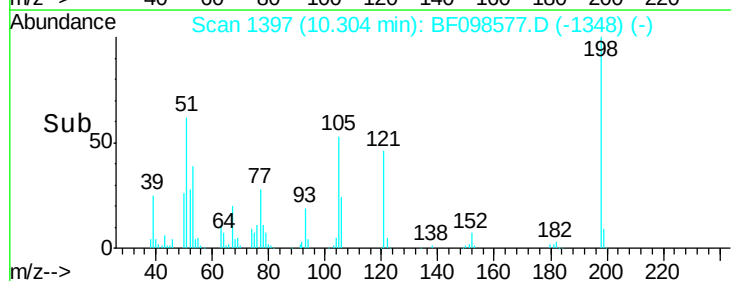
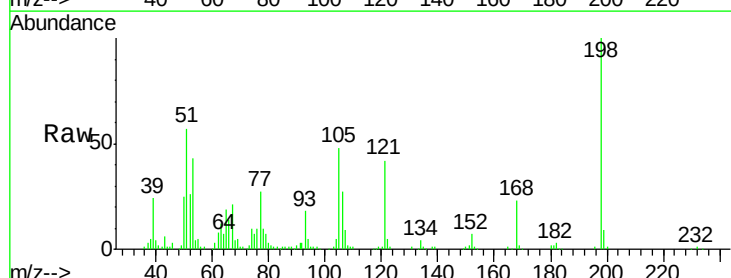
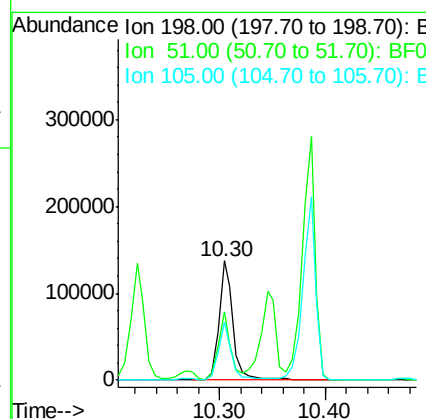
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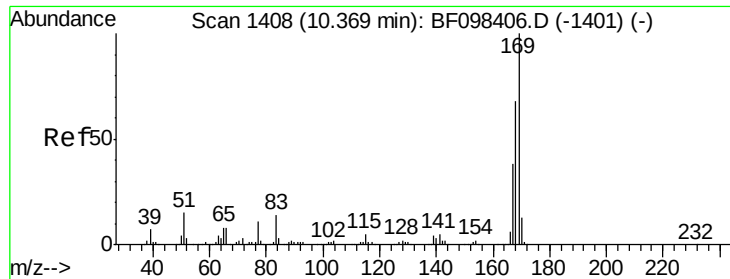
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 39.866 ng  
RT: 10.30 min Scan# 1397  
Delta R.T. -0.01 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 56.7  | 53.2       | 93.2       |
| 105     | 48.4  | 45.8       | 85.8       |





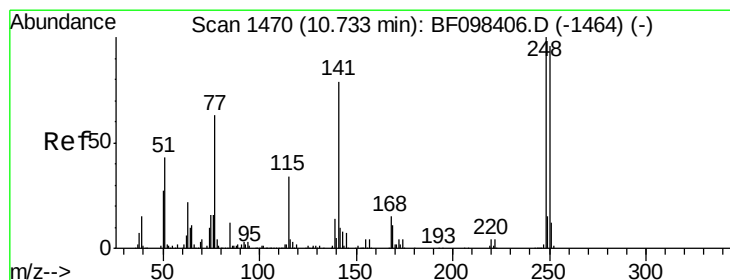
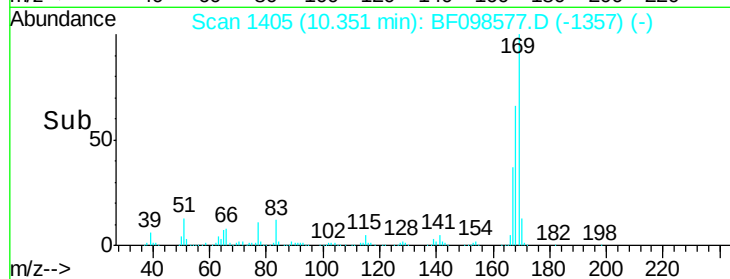
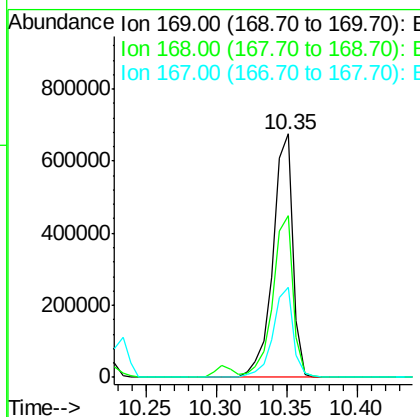
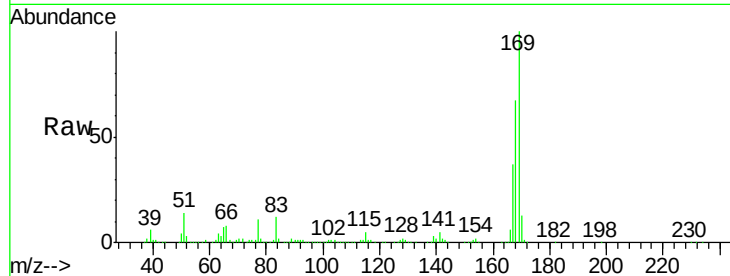
#65  
n-Nitrosodiphenylamine  
Concen: 37.608 ng  
RT: 10.35 min Scan# 1405  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 670401 |       |       |
| 168     | 66.5  | 53.2   | 79.8  |       |
| 167     | 36.8  | 29.5   | 44.3  |       |

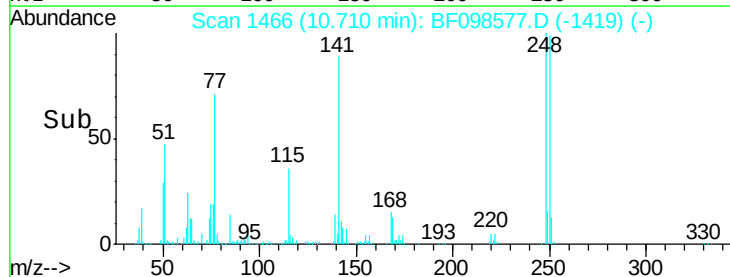
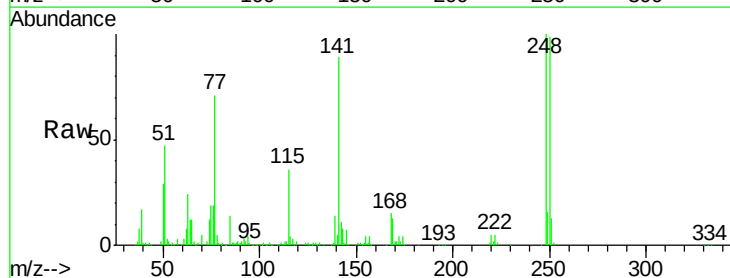
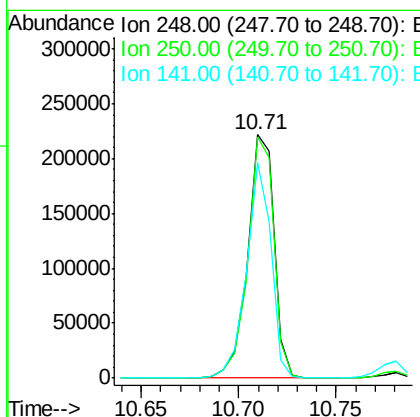
Manual Integrations  
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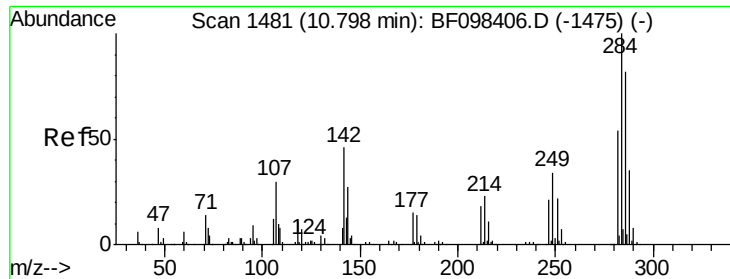
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#66  
4-Bromophenyl-phenylether  
Concen: 40.135 ng  
RT: 10.71 min Scan# 1466  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 209116 |       |       |
| 250     | 99.1  | 76.8   | 115.2 |       |
| 141     | 88.6  | 68.6   | 103.0 |       |





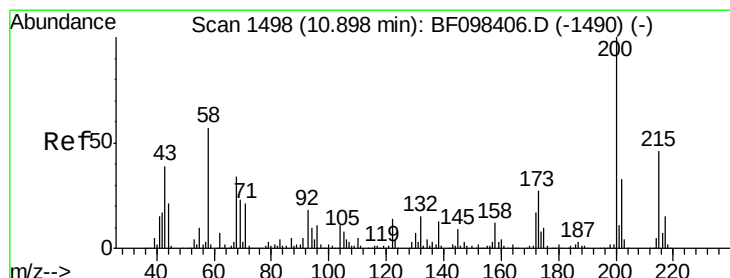
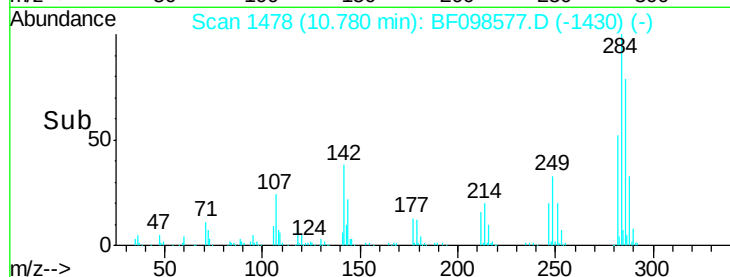
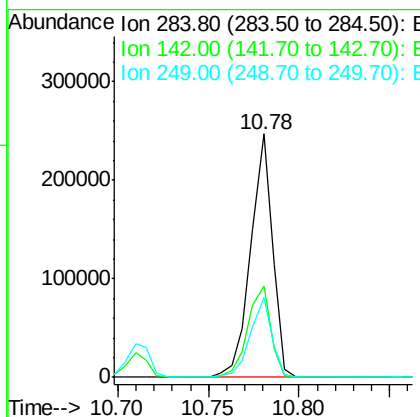
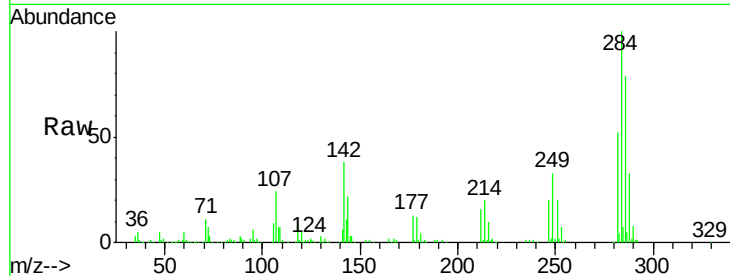
#67  
Hexachlorobenzene  
Concen: 39.337 ng  
RT: 10.78 min Scan# 1478  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 207896 |       |       |
| 142     | 37.6  | 22.8   | 34.2# |       |
| 249     | 33.0  | 24.0   | 36.0  |       |

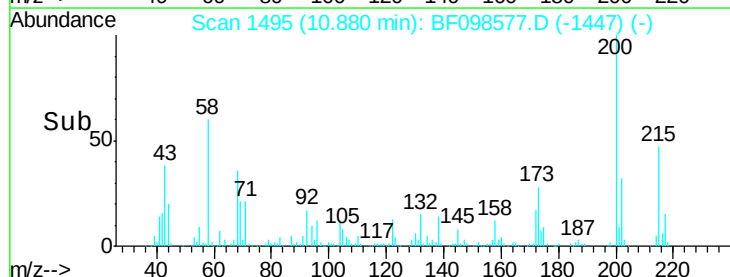
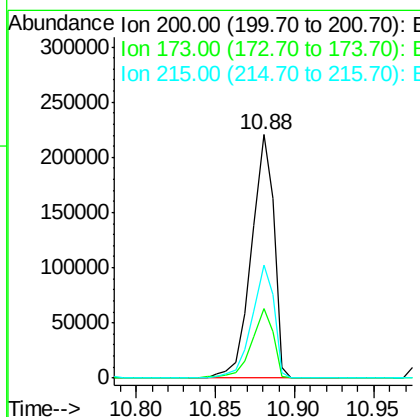
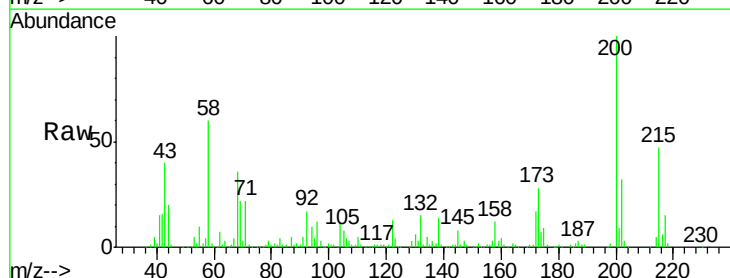
Manual Integrations  
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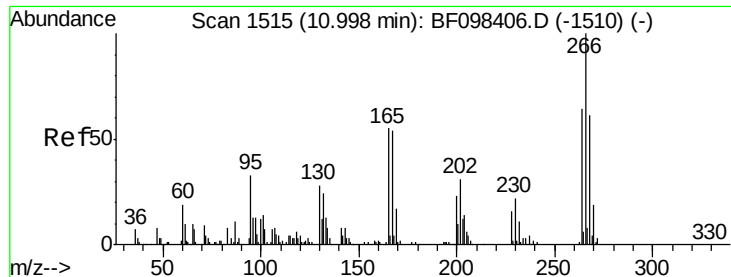
Sohil  
9/18/2017 3:33:46 PM



#68  
Atrazine  
Concen: 39.651 ng  
RT: 10.88 min Scan# 1495  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 217597 |       |       |
| 173     | 28.4  | 6.3    | 46.3  |       |
| 215     | 46.6  | 27.2   | 67.2  |       |





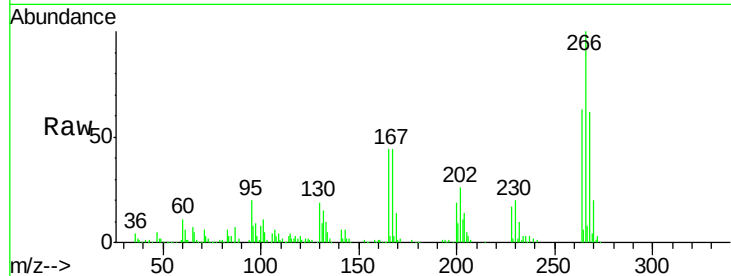
#69  
 Pentachlorophenol  
 Concen: 70.267 ng  
 RT: 10.99 min Scan# 1513  
 Delta R.T. -0.01 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UT5400S16MS

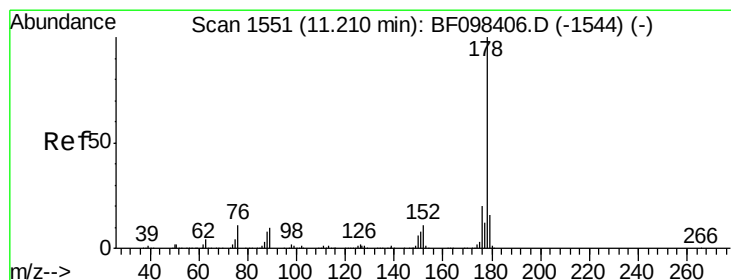
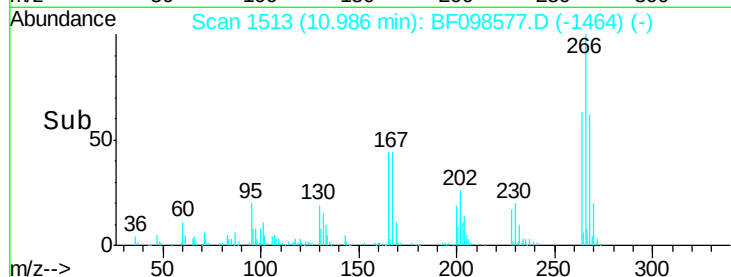
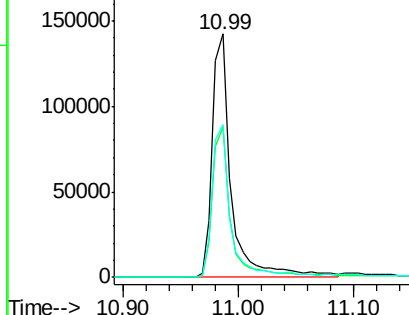
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 162226 |       |       |
| 268     | 61.8  | 51.1   | 76.7  |       |
| 264     | 62.8  | 51.7   | 77.5  |       |

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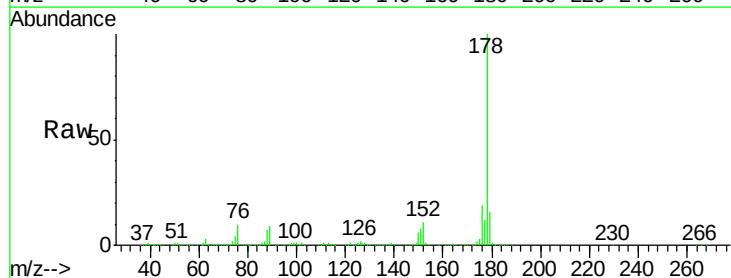


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

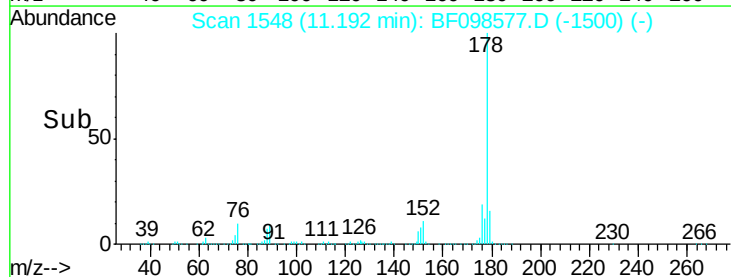
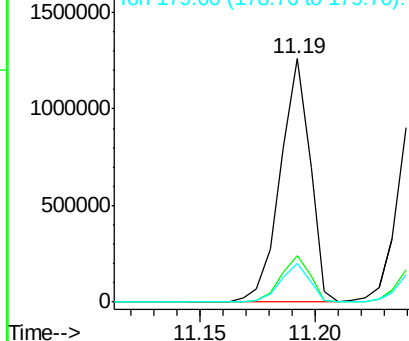


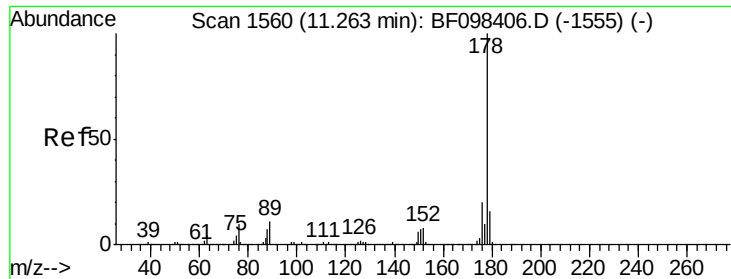
#70  
 Phenanthrene  
 Concen: 38.529 ng  
 RT: 11.19 min Scan# 1548  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1121311 |       |       |
| 176     | 19.3  | 16.2    | 24.4  |       |
| 179     | 15.8  | 12.6    | 19.0  |       |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





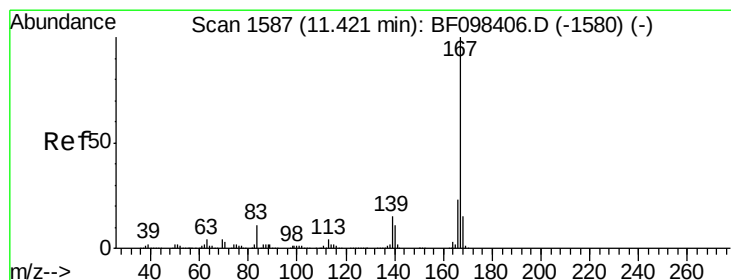
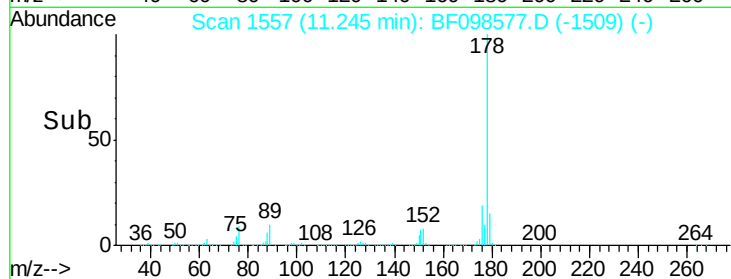
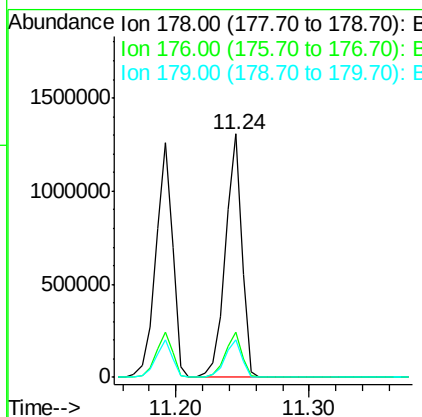
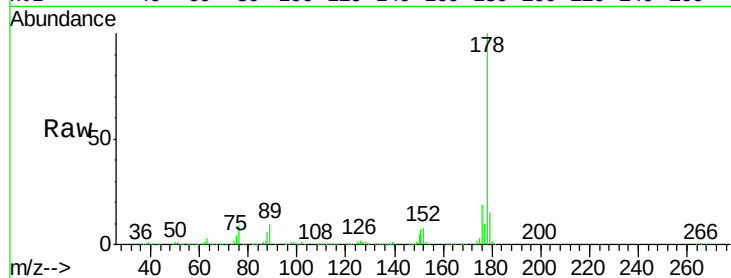
#71  
 Anthracene  
 Concen: 38.268 ng  
 RT: 11.24 min Scan# 1557  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UT5400S16MS

Tgt Ion:178 Resp: 1143458  
 Ion Ratio Lower Upper  
 178 100  
 176 18.5 15.8 23.8  
 179 15.5 12.7 19.1

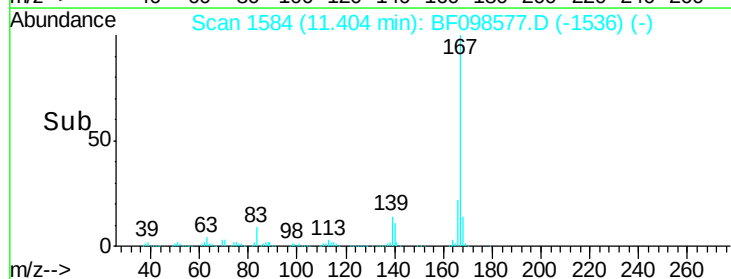
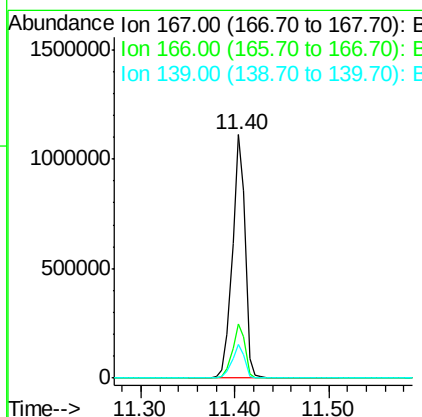
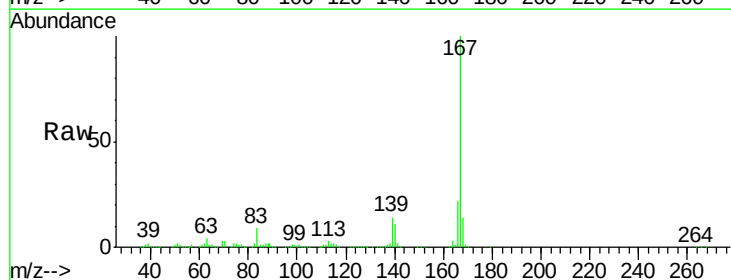
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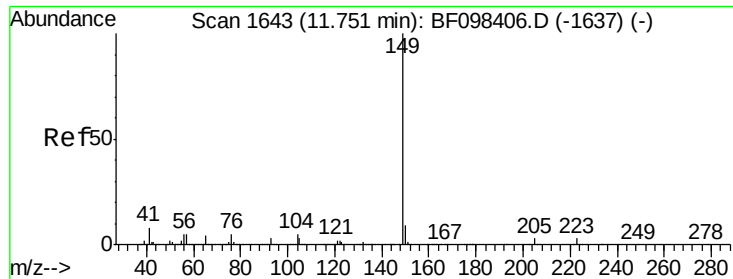


#72  
 Carbazole  
 Concen: 37.474 ng  
 RT: 11.40 min Scan# 1584  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

Tgt Ion:167 Resp: 1043545  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 18.1 27.1  
 139 13.7 11.7 17.5







#73

Di-n-butylphthalate

Concen: 36.868 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

Instrument :

BNA\_F

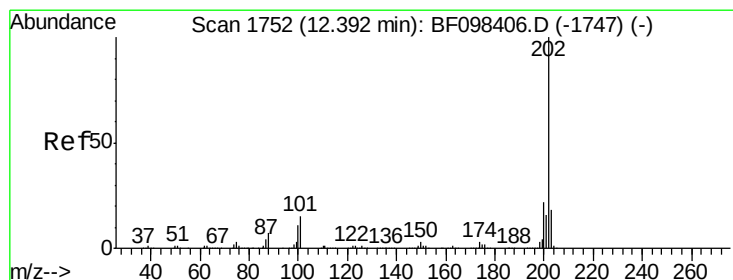
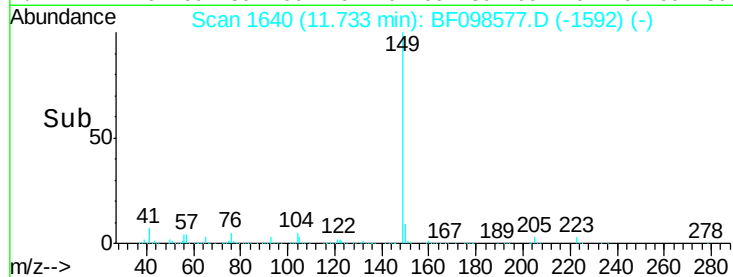
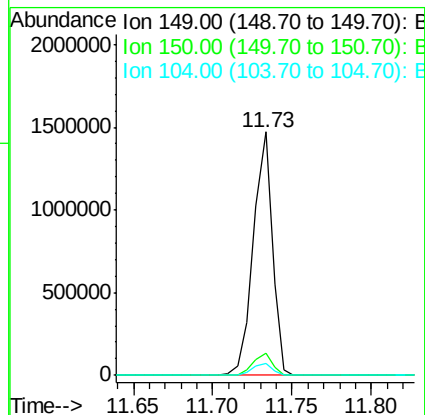
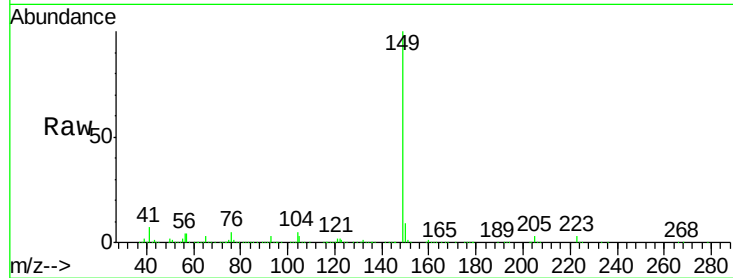
ClientSampleId :

UT5400S16MS

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1230098 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 150       | 9.1   | 7.7   | 11.5    |
| 104       | 4.7   | 4.0   | 6.0     |

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#74

Fluoranthene

Concen: 39.252 ng

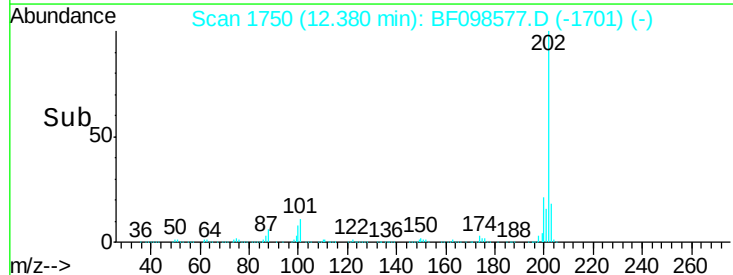
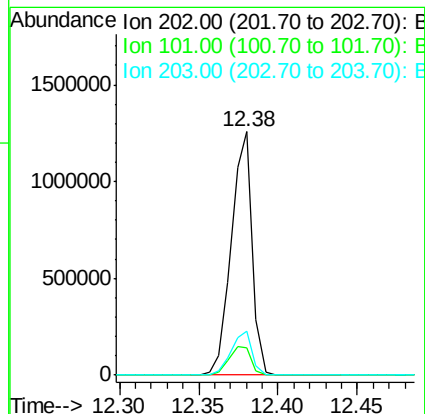
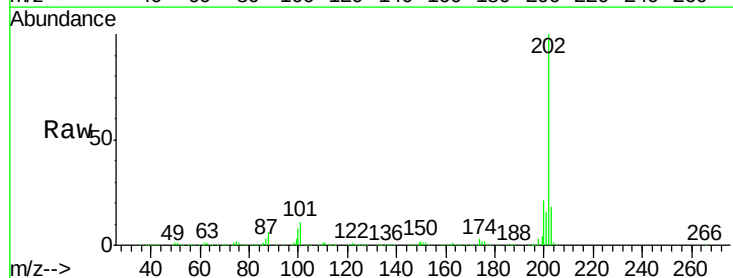
RT: 12.38 min Scan# 1750

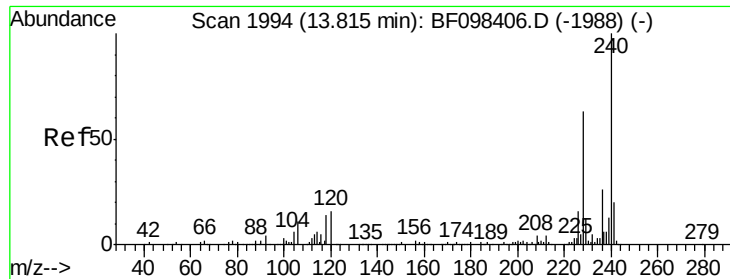
Delta R.T. -0.01 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1143604 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 11.1  | 0.0   | 33.2    |
| 203       | 17.9  | 0.0   | 38.1    |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

Instrument :

BNA\_F

ClientSampleId :

UT5400S16MS

Tgt Ion: 240 Resp: 394116

Ion Ratio Lower Upper

240 100

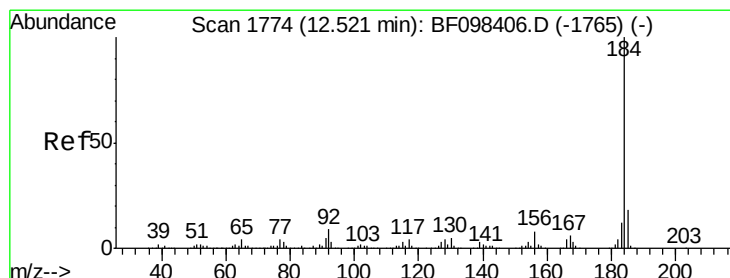
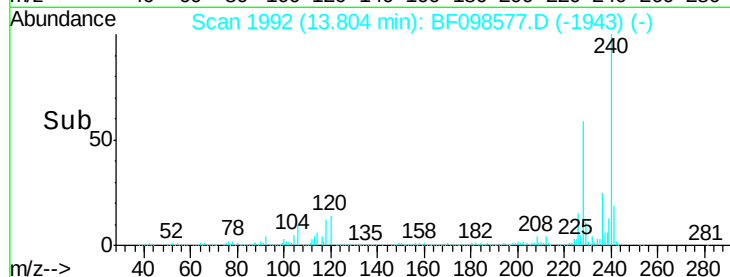
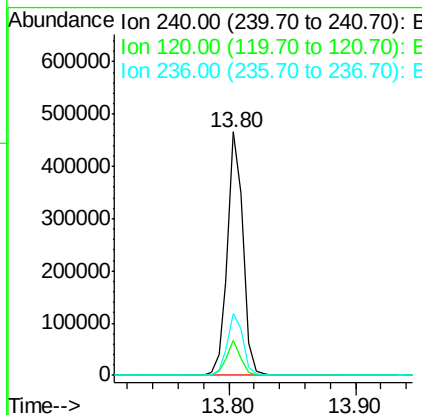
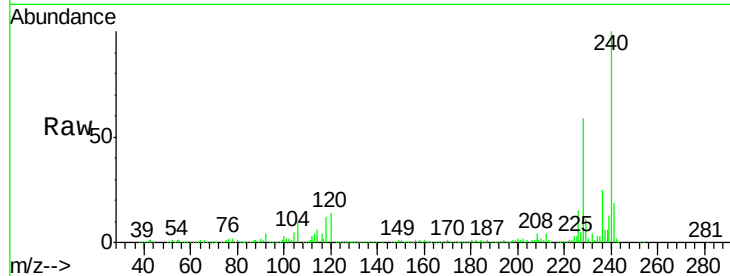
120 14.4 5.8 8.8#

236 25.5 20.5 30.7

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#76

Benzidine

Concen: 11.251 ng m

RT: 12.50 min Scan# 1771

Delta R.T. -0.02 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

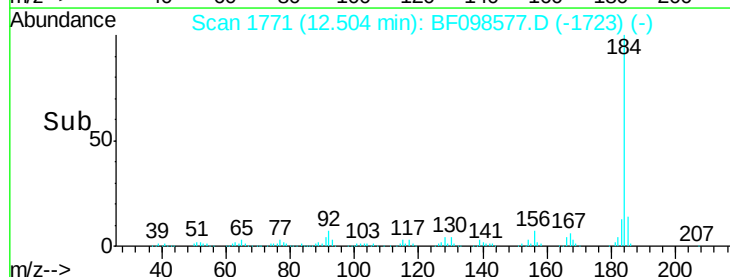
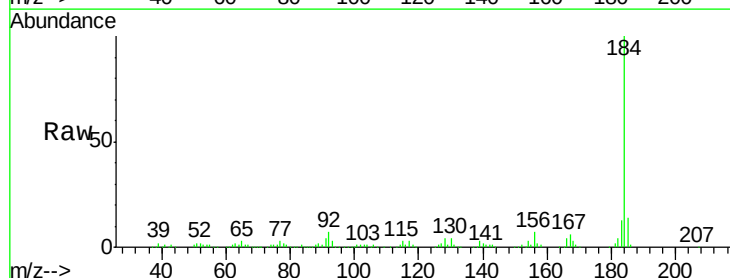
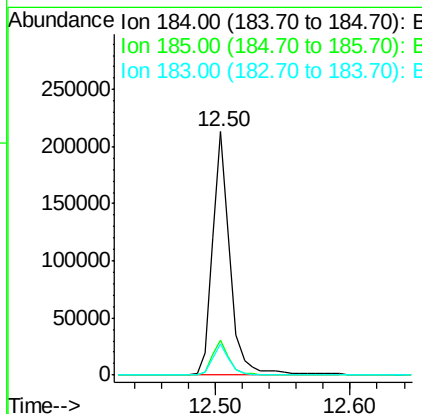
Tgt Ion: 184 Resp: 196235

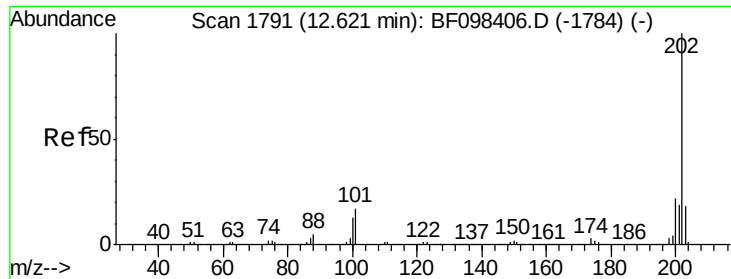
Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

183 12.8 9.8 14.6





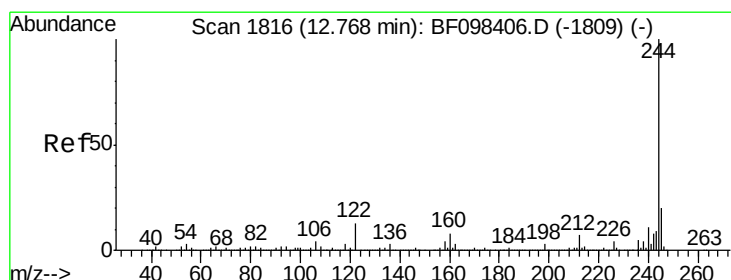
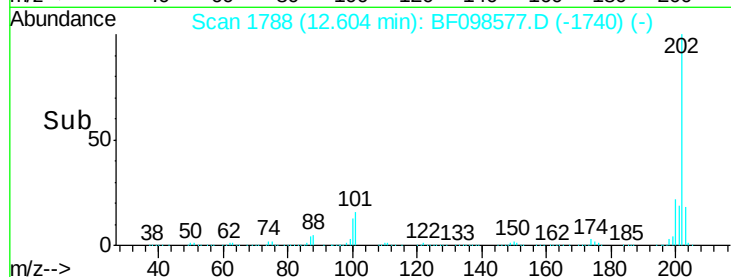
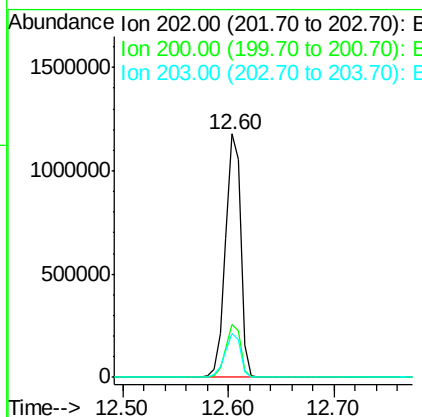
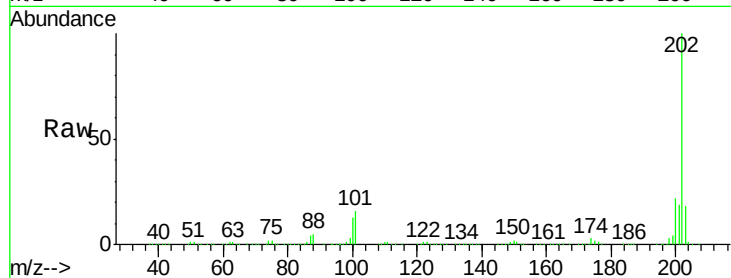
#77  
 Pyrene  
 Concen: 38.089 ng  
 RT: 12.60 min Scan# 1788  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UT5400S16MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.8  | 17.6  | 26.4  |
| 203     | 18.2  | 14.4  | 21.6  |

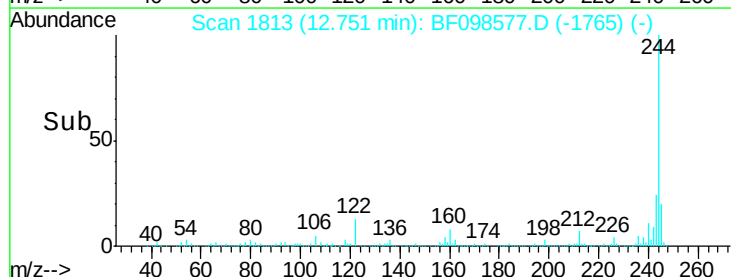
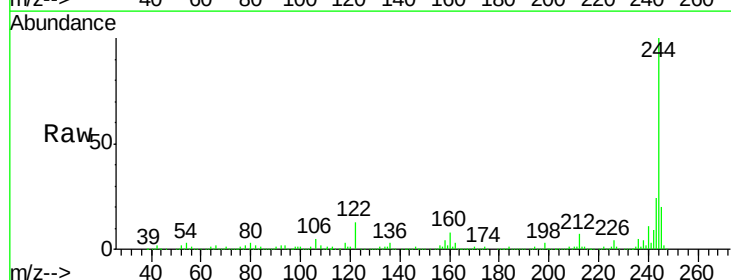
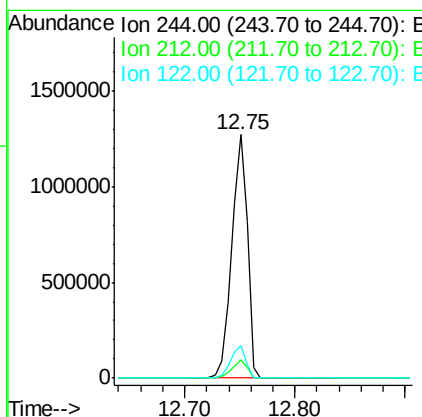
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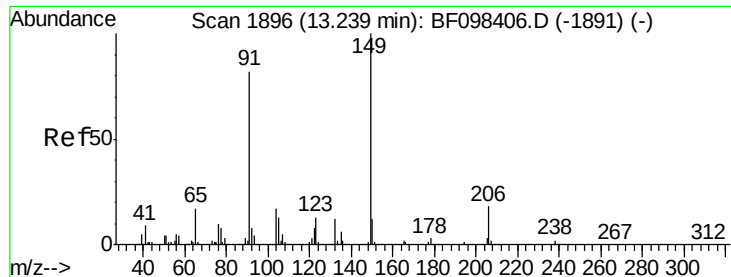
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#78  
 Terphenyl-d14  
 Concen: 69.297 ng  
 RT: 12.75 min Scan# 1813  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.4   | 6.0   | 9.0   |
| 122     | 13.2  | 10.3  | 15.5  |





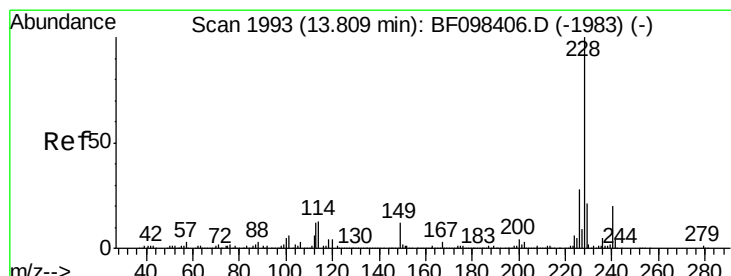
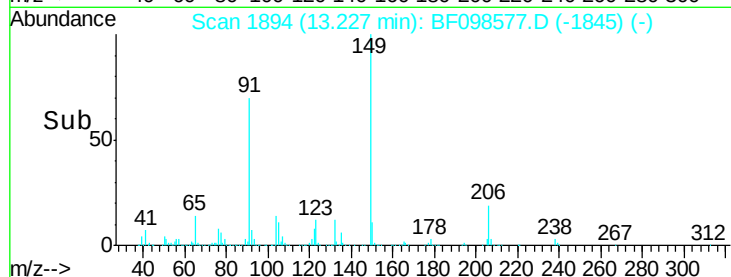
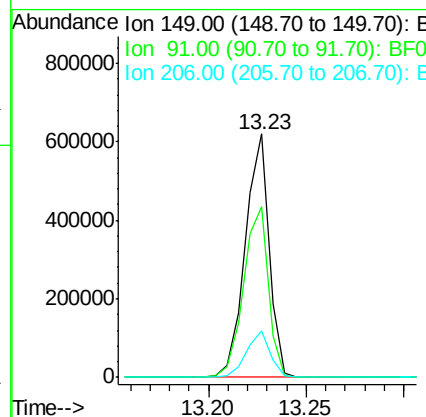
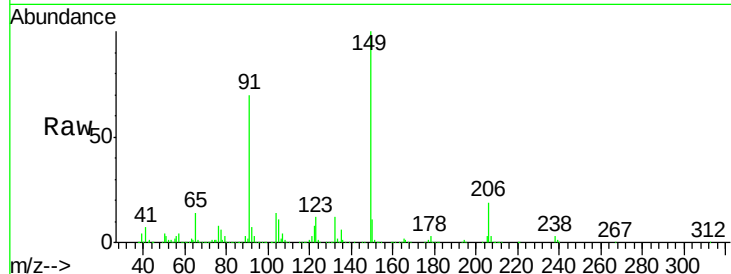
#79  
Butylbenzylphthalate  
Concen: 38.905 ng  
RT: 13.23 min Scan# 1894  
Delta R.T. -0.01 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 524744 |       |       |
| 91      | 70.1  | 45.0   | 67.4# |       |
| 206     | 19.0  | 17.0   | 25.6  |       |

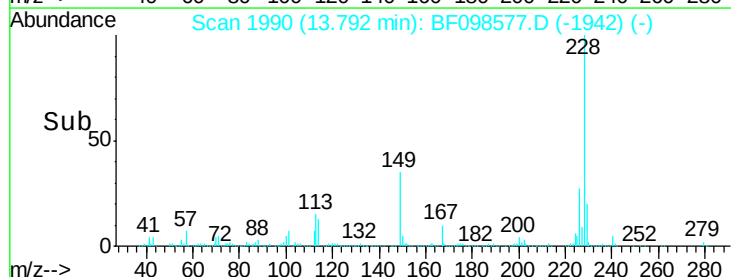
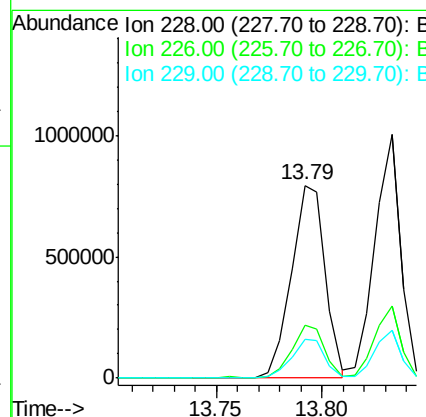
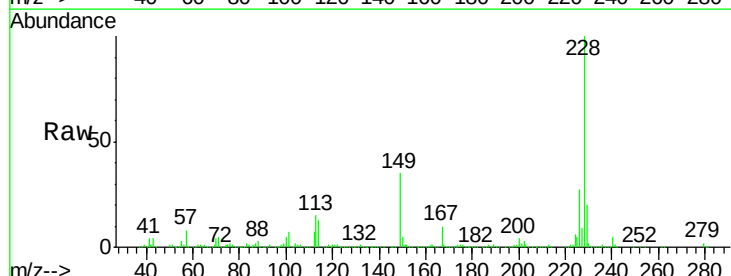
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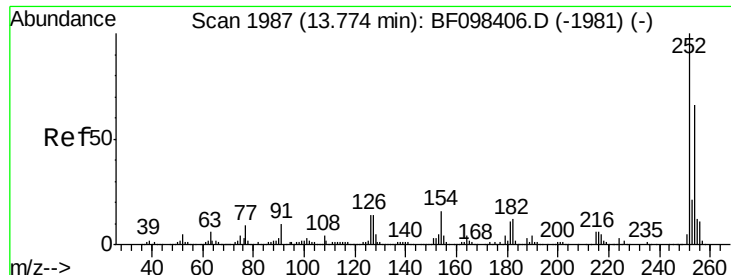
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#80  
Benzo(a)anthracene  
Concen: 38.109 ng  
RT: 13.79 min Scan# 1990  
Delta R.T. -0.02 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 880562 |       |       |
| 226     | 27.2  | 22.6   | 33.8  |       |
| 229     | 20.1  | 16.3   | 24.5  |       |





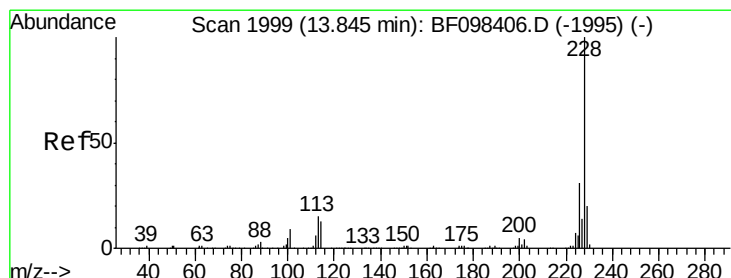
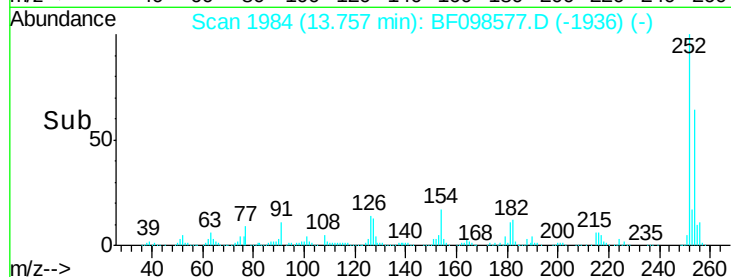
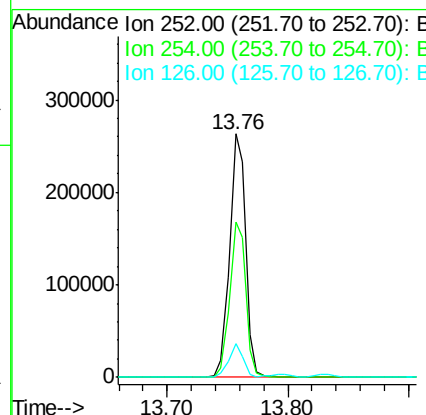
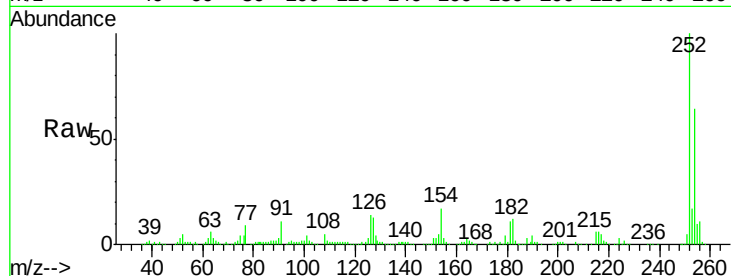
#81  
 3,3'-Dichlorobenzidine  
 Concen: 27.007 ng  
 RT: 13.76 min Scan# 1984  
 Delta R.T. -0.02 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UT5400S16MS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 63.9  | 51.5       | 77.3       |
| 126     | 13.8  | 15.8       | 23.8       |

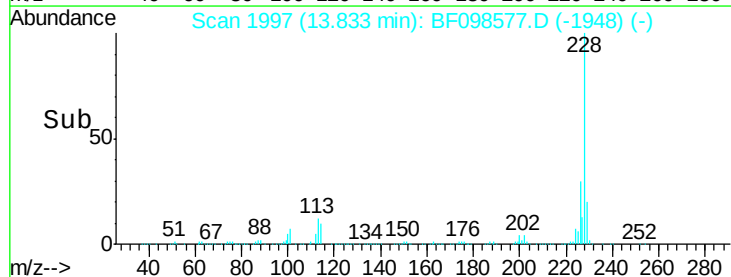
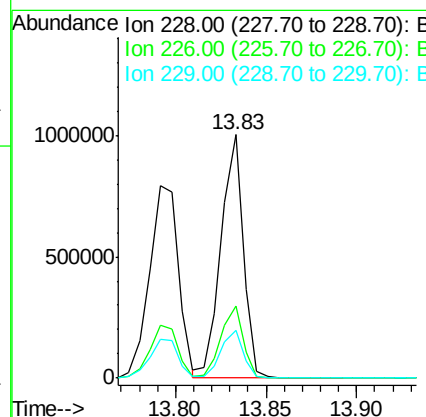
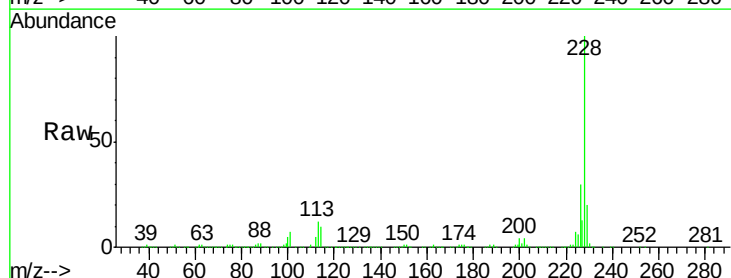
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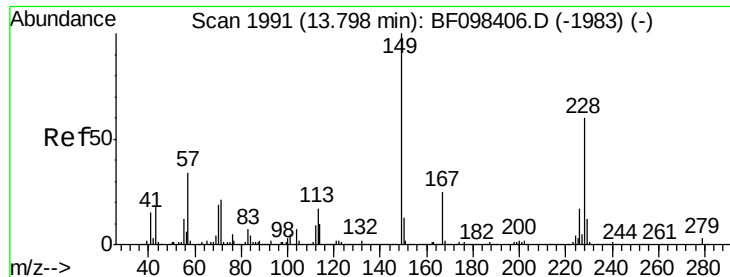
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#82  
 Chrysene  
 Concen: 36.975 ng  
 RT: 13.83 min Scan# 1997  
 Delta R.T. -0.01 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 29.7  | 24.9       | 37.3       |
| 229     | 19.7  | 15.8       | 23.6       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.279 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

Instrument :

BNA\_F

ClientSampleId :

UT5400S16MS

Tgt Ion:149 Resp: 681822  
Ion Ratio Lower Upper

149 100

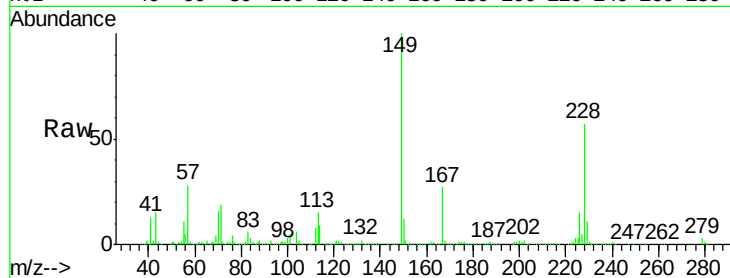
167 26.7 21.0 31.4

279 3.0 1.9 2.9#

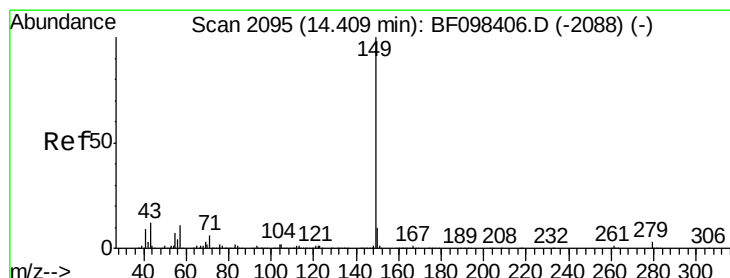
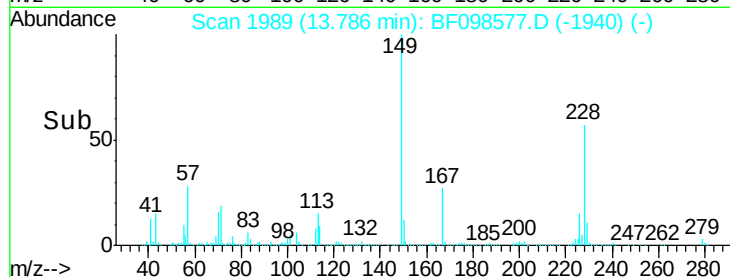
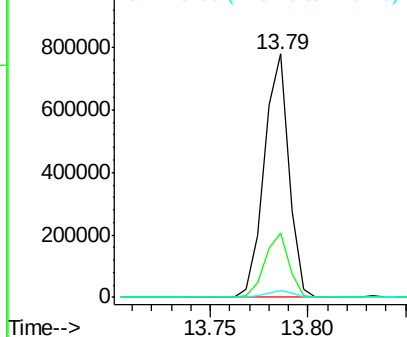
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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.405 ng

RT: 14.40 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BF098577.D

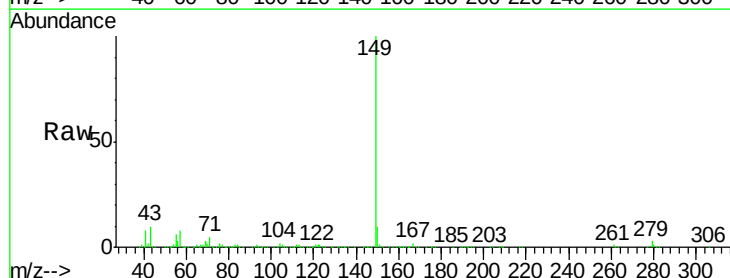
Acq: 15 Sep 2017 19:07

Tgt Ion:149 Resp: 1115406  
Ion Ratio Lower Upper

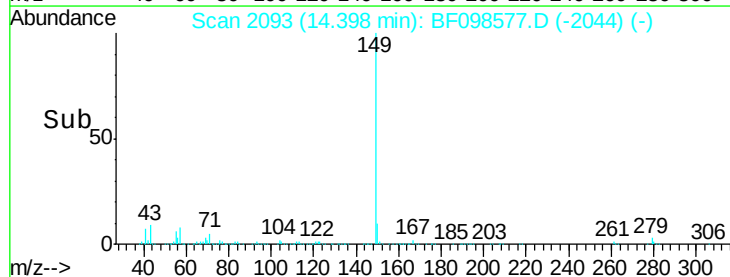
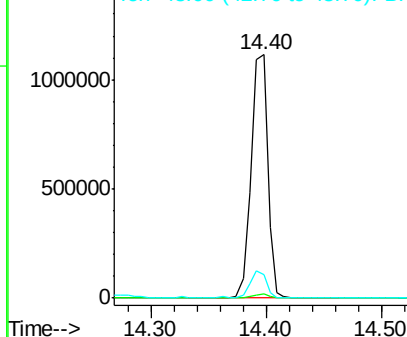
149 100

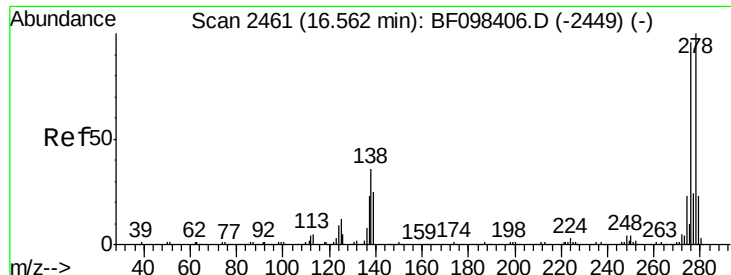
167 1.7 1.2 1.8

43 11.0 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF0





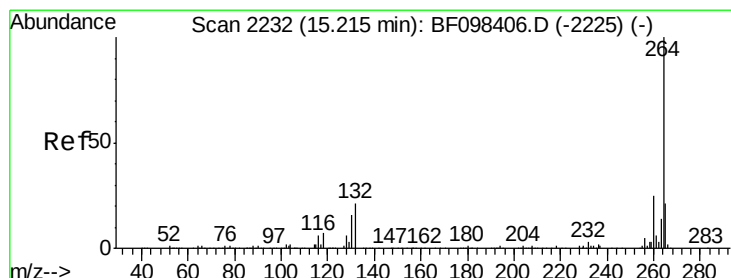
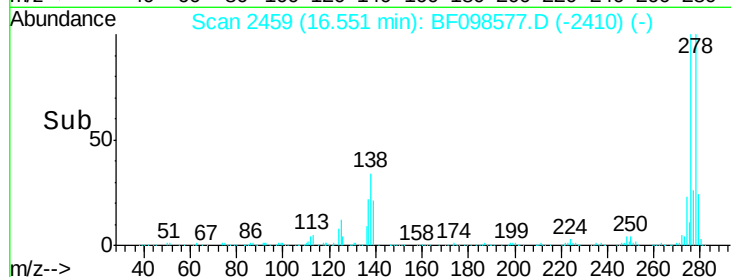
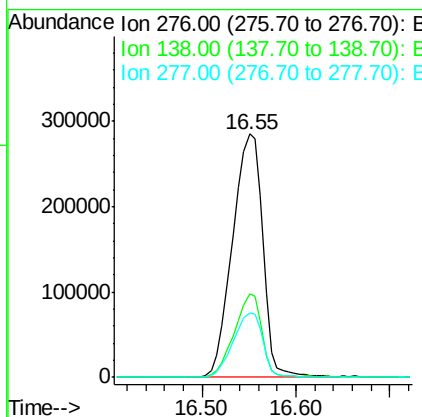
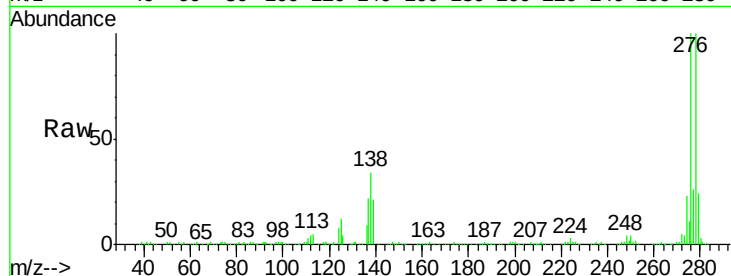
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.933 ng  
 RT: 16.55 min Scan# 2459  
 Delta R.T. -0.01 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UT5400S16MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 637979 |       |       |
| 138     | 31.3  |        | 27.8  | 41.6  |
| 277     | 26.1  |        | 20.2  | 30.4  |

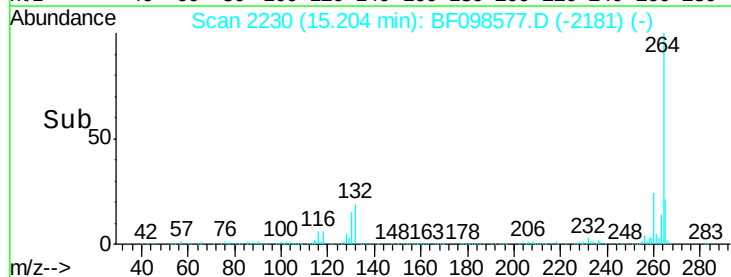
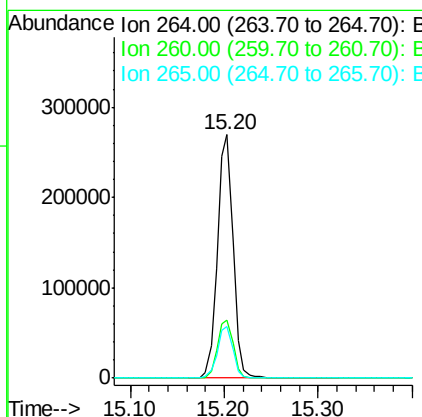
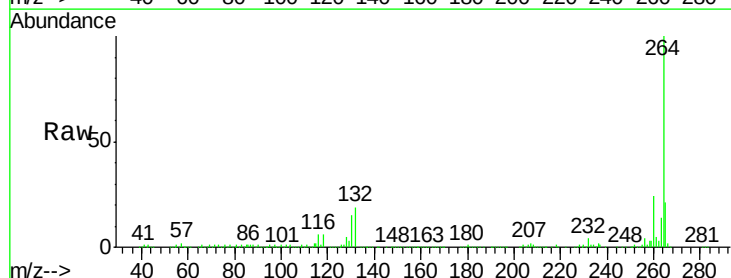
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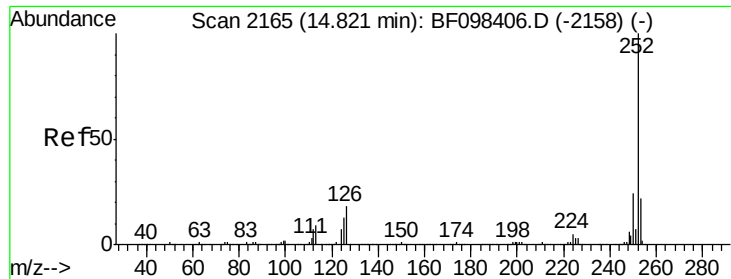
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.20 min Scan# 2230  
 Delta R.T. -0.01 min  
 Lab File: BF098577.D  
 Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 315975 |       |       |
| 260     | 23.7  |        | 19.5  | 29.3  |
| 265     | 21.2  |        | 17.2  | 25.8  |





#87

Benzo(b)fluoranthene

Concen: 36.837 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

Instrument :

BNA\_F

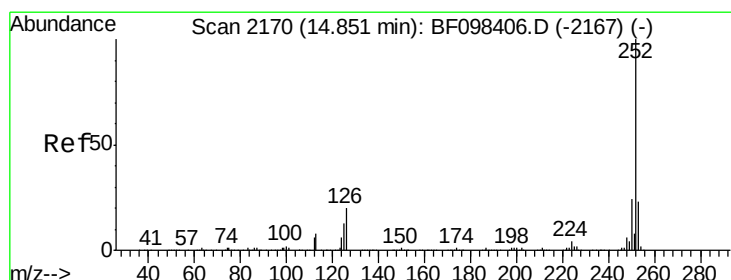
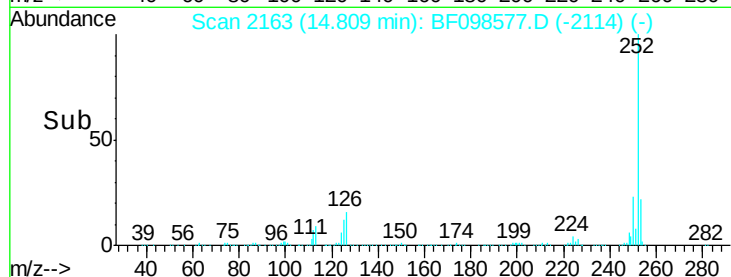
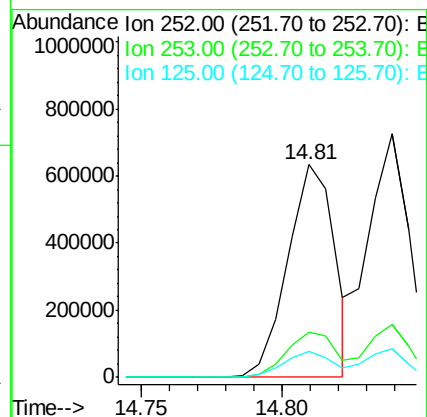
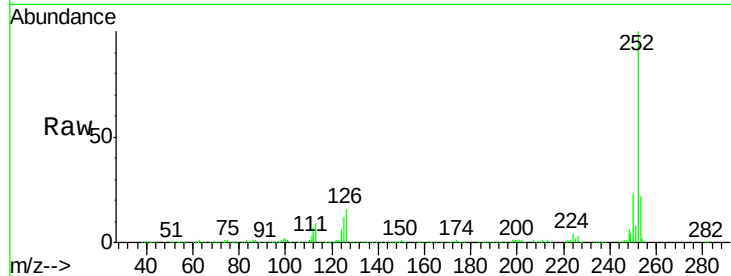
ClientSampleId :

UT5400S16MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 731864 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.6  | 18.1  | 27.1   |
| 125       | 12.1  | 9.8   | 14.8   |

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#88

Benzo(k)fluoranthene

Concen: 39.149 ng

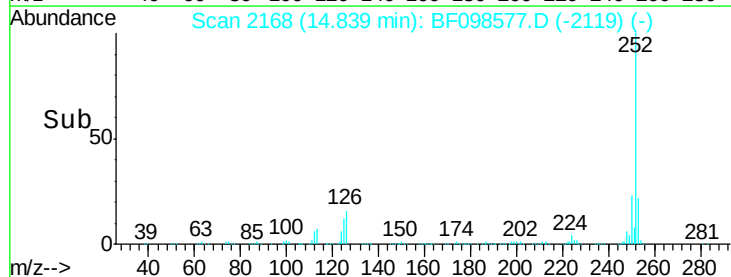
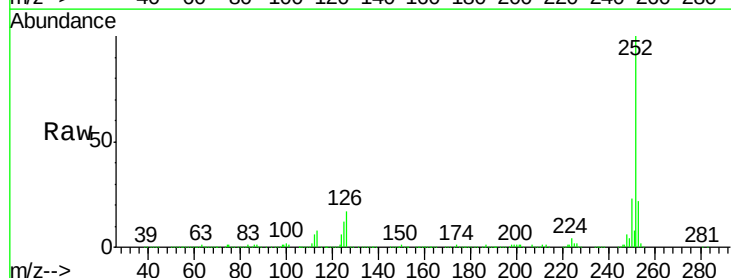
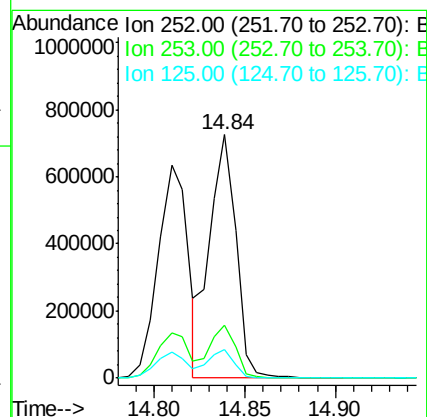
RT: 14.84 min Scan# 2168

Delta R.T. -0.01 min

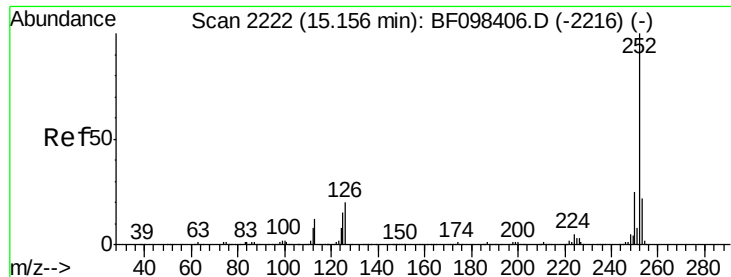
Lab File: BF098577.D

Acq: 15 Sep 2017 19:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 726126 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.7  | 18.4  | 27.6   |
| 125       | 11.8  | 13.1  | 19.7#  |







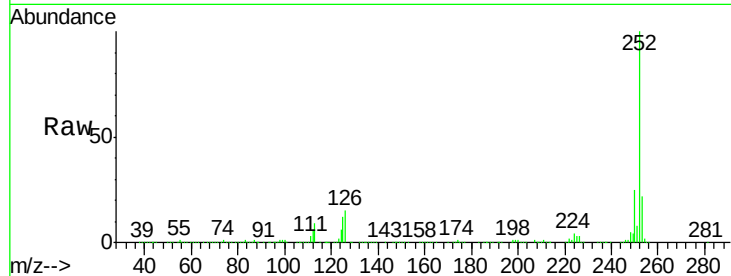
#89  
Benzo(a)pyrene  
Concen: 38.472 ng  
RT: 15.15 min Scan# 2221  
Delta R.T. -0.01 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

Instrument :  
BNA\_F  
ClientSampleId :  
UT5400S16MS

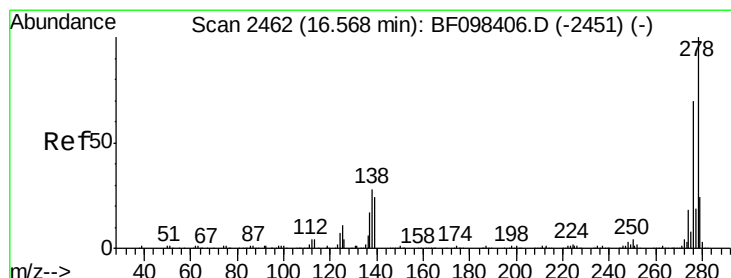
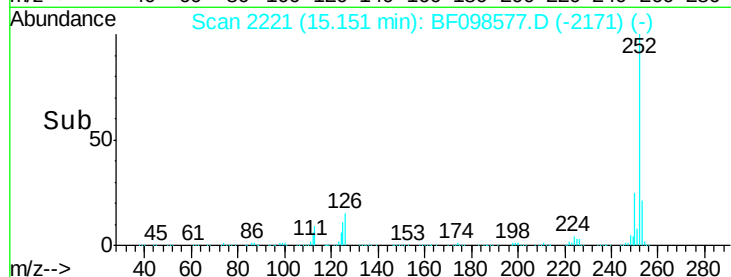
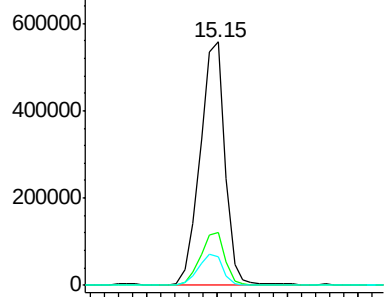
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.5  | 26.3  |
| 125     | 11.7  | 11.0  | 16.4  |

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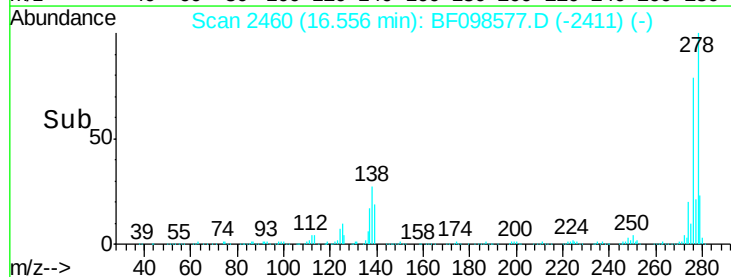
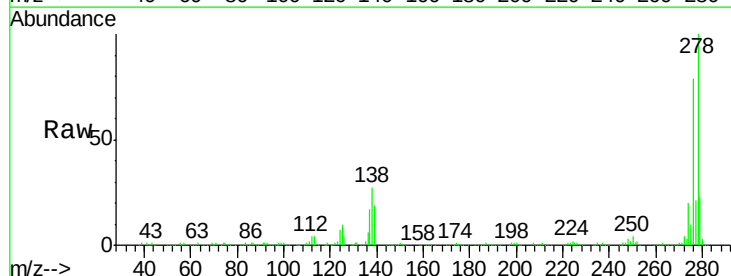
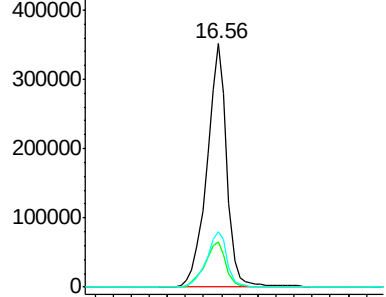
Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

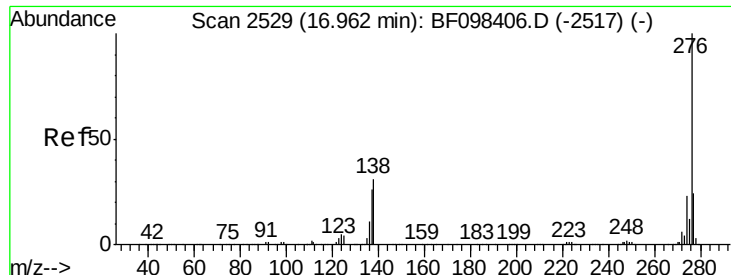


#90  
Dibenzo(a,h)anthracene  
Concen: 41.903 ng  
RT: 16.56 min Scan# 2460  
Delta R.T. -0.01 min  
Lab File: BF098577.D  
Acq: 15 Sep 2017 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.7  | 16.6  | 24.8  |
| 279     | 22.9  | 19.3  | 28.9  |

Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.821 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF098577.D

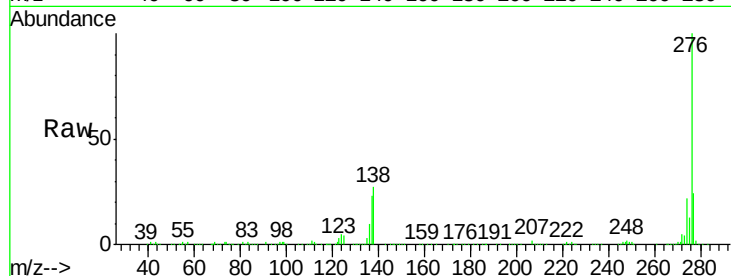
Acq: 15 Sep 2017 19:07

Instrument :

BNA\_F

ClientSampleId :

UT5400S16MS



| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 277     | 23.9  | 18.6       | 28.0  |
| 138     | 26.6  | 25.4       | 38.0  |

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