

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\  
 Data File : BF101856.D  
 Acq On : 3 Jan 2018 13:35  
 Operator : SJ/JU  
 Sample : PB105401BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105401BS

Manual Integrations  
 APPROVED

Sohil  
 1/4/2018 1:56:16 PM

Quant Time: Jan 04 00:25:36 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 29 13:21:45 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.77  | 152  | 133961   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.05  | 136  | 538870   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.80  | 164  | 241807   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 11.30 | 188  | 443447   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 13.95 | 240  | 288789   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.42 | 264  | 259222   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.40  | 112 | 1000017 | 111.20 | ng | 0.00  |
| 7) Phenol-d6             | 6.42  | 99  | 1098339 | 98.13  | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.35  | 82  | 702156  | 72.53  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.60 | 330 | 253258  | 108.69 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 9.12  | 172 | 1184375 | 75.98  | ng | -0.02 |
| 78) Terphenyl-d14        | 12.87 | 244 | 1095233 | 91.43  | ng | -0.02 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.55 | 88  | 146299 | 31.659 | ng | 97     |
| 3) Pyridine                    | 3.32 | 79  | 352369 | 27.445 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.27 | 42  | 188635 | 31.910 | ng | 99     |
| 6) Aniline                     | 6.45 | 93  | 255550 | 16.430 | ng | # 62   |
| 8) 2-Chlorophenol              | 6.56 | 128 | 352162 | 37.225 | ng | 99     |
| 9) Benzaldehyde                | 6.34 | 77  | 138980 | 16.814 | ng | 97     |
| 10) Phenol                     | 6.43 | 94  | 434364 | 34.050 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.51 | 93  | 349010 | 34.879 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.70 | 146 | 383277 | 35.897 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.79 | 146 | 394372 | 36.170 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.94 | 146 | 347306 | 35.388 | ng | 97     |
| 15) Benzyl Alcohol             | 6.93 | 79  | 278009 | 36.087 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.04 | 45  | 581744 | 37.987 | ng | # 39   |
| 17) 2-Methylphenol             | 7.04 | 107 | 287901 | 33.084 | ng | # 87   |
| 18) Hexachloroethane           | 7.27 | 117 | 136802 | 36.088 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.19 | 70  | 254857 | 34.673 | ng | 93     |
| 20) 3+4-Methylphenols          | 7.20 | 107 | 399085 | 43.278 | ng | # 84   |
| 22) Acetophenone               | 7.19 | 105 | 456914 | 37.160 | ng | # 96   |
| 24) Nitrobenzene               | 7.36 | 77  | 384714 | 35.908 | ng | 100    |
| 25) Isophorone                 | 7.60 | 82  | 705084 | 36.308 | ng | 99     |
| 26) 2-Nitrophenol              | 7.68 | 139 | 198337 | 43.090 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.72 | 122 | 317722 | 40.631 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.80 | 93  | 446044 | 36.159 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.93 | 162 | 312114 | 40.401 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.99 | 180 | 297718 | 36.518 | ng | 97     |
| 31) Naphthalene                | 8.07 | 128 | 996196 | 36.721 | ng | 100    |
| 32) Benzoic acid               | 7.89 | 122 | 173190 | 35.380 | ng | 96     |
| 33) 4-Chloroaniline            | 8.15 | 127 | 125631 | 10.655 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.17 | 225 | 173112 | 36.713 | ng | 97     |
| 35) Caprolactam                | 8.52 | 113 | 99427m | 37.065 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.63 | 107 | 315527 | 37.160 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.76 | 142 | 650928 | 36.828 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.93 | 216 | 293038 | 35.894 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 8.90 | 237 | 47232  | 41.455 | ng | 100    |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\  
 Data File : BF101856.D  
 Acq On : 3 Jan 2018 13:35  
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 Sample : PB105401BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105401BS

Manual Integrations  
 APPROVED

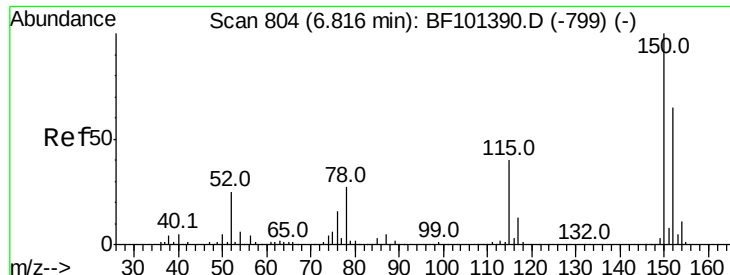
Sohil  
 1/4/2018 1:56:16 PM

Quant Time: Jan 04 00:25:36 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 29 13:21:45 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.06  | 196  | 192407   | 39.147 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.11  | 196  | 177744   | 33.028 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 9.23  | 154  | 757626   | 35.329 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.26  | 162  | 607068   | 36.997 | nq    | 97       |
| 47) 2-Nitroaniline             | 9.37  | 65   | 207594   | 36.623 | nq    | 91       |
| 48) Acenaphthylene             | 9.67  | 152  | 892708   | 34.445 | nq    | 100      |
| 49) Dimethylphthalate          | 9.53  | 163  | 680898   | 35.008 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.61  | 165  | 145793   | 36.881 | nq #  | 86       |
| 51) Acenaphthene               | 9.84  | 154  | 541717   | 34.791 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.79  | 138  | 92000    | 18.667 | nq    | 98       |
| 53) 2,4-Dinitrophenol          | 9.92  | 184  | 85385    | 64.336 | nq #  | 18       |
| 54) Dibenzofuran               | 10.02 | 168  | 800036   | 40.431 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.98  | 139  | 86030    | 40.032 | nq    | 95       |
| 56) 2,4-Dinitrotoluene         | 10.03 | 165  | 209916   | 47.132 | nq #  | 96       |
| 57) Fluorene                   | 10.36 | 166  | 632838   | 37.805 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.15 | 232  | 158405   | 40.969 | nq #  | 86       |
| 59) Diethylphthalate           | 10.23 | 149  | 675578   | 35.075 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.34 | 204  | 309607   | 38.592 | nq    | 95       |
| 61) 4-Nitroaniline             | 10.41 | 138  | 149122   | 30.102 | nq    | 92       |
| 62) Azobenzene                 | 10.50 | 77   | 682455   | 34.203 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 72992    | 32.255 | nq    | 84       |
| 65) n-Nitrosodiphenylamine     | 10.47 | 169  | 576772   | 35.225 | nq    | 96       |
| 66) 4-Bromophenyl-phenylether  | 10.83 | 248  | 193155   | 38.765 | nq #  | 87       |
| 67) Hexachlorobenzene          | 10.91 | 284  | 195348   | 37.043 | nq #  | 90       |
| 68) Atrazine                   | 11.00 | 200  | 181466   | 37.168 | nq    | 97       |
| 69) Pentachlorophenol          | 11.12 | 266  | 124632   | 62.350 | nq    | 97       |
| 70) Phenanthrene               | 11.32 | 178  | 902711   | 36.605 | nq    | 99       |
| 71) Anthracene                 | 11.37 | 178  | 934818   | 37.110 | nq    | 100      |
| 72) Carbazole                  | 11.54 | 167  | 813095   | 34.476 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.84 | 149  | 1019715  | 35.623 | nq    | 99       |
| 74) Fluoranthene               | 12.52 | 202  | 901510   | 34.828 | nq    | 99       |
| 76) Benzidine                  | 12.65 | 184  | 89122    | 7.307  | nq    | 98       |
| 77) Pyrene                     | 12.74 | 202  | 916997   | 42.310 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.34 | 149  | 376561   | 38.398 | nq    | 93       |
| 80) Benzo(a)anthracene         | 13.94 | 228  | 675391   | 35.418 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.90 | 252  | 125750   | 20.224 | nq #  | 97       |
| 82) Chrysene                   | 13.97 | 228  | 660750   | 36.699 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.89 | 149  | 467586   | 37.644 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.50 | 149  | 718611   | 32.439 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.89 | 276  | 653100   | 40.734 | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 14.99 | 252  | 544790   | 34.480 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 15.02 | 252  | 563303   | 36.668 | nq    | 97       |
| 89) Benzo(a)pyrene             | 15.35 | 252  | 546393   | 37.513 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.87 | 278  | 541699   | 43.316 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.33 | 276  | 596191   | 48.145 | nq    | 96       |

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





#1

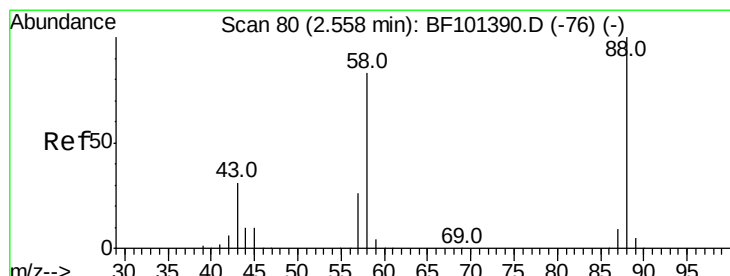
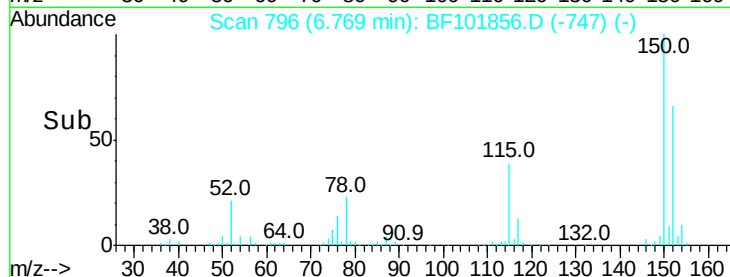
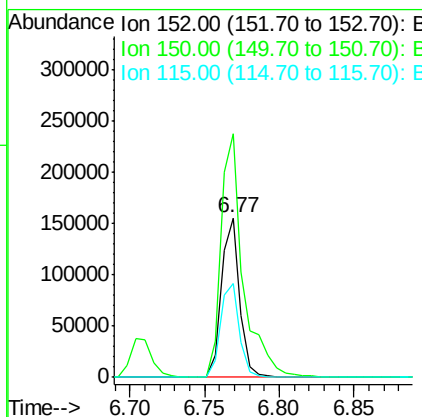
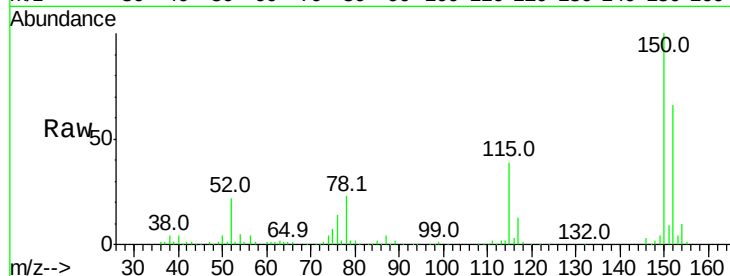
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.77 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB105401BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.5 | 124.6 | 186.8 |
| 115     | 58.9  | 50.1  | 75.1  |

Manual Integrations  
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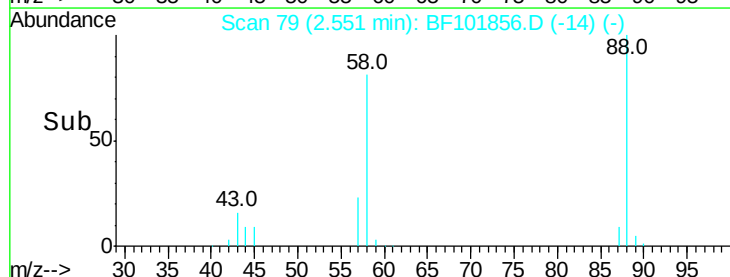
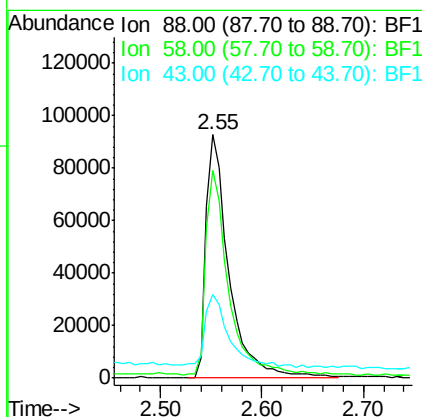
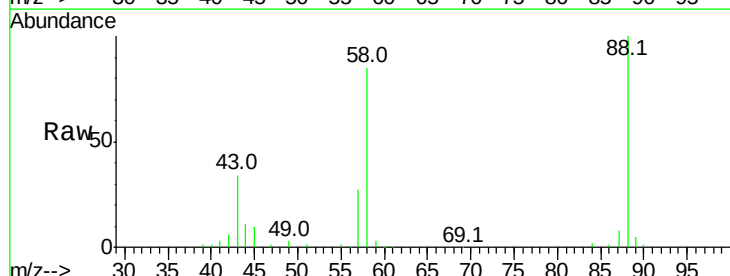
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1/4/2018 1:56:16 PM

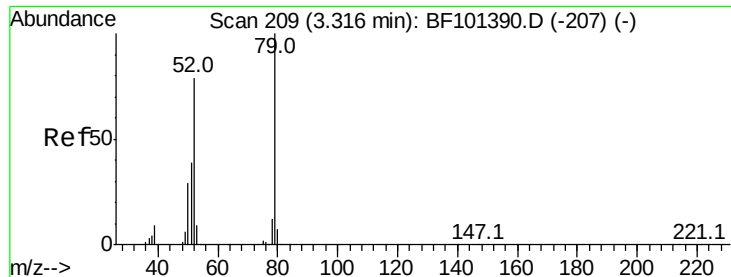


#2

1,4-Dioxane  
Concen: 31.659 ng  
RT: 2.55 min Scan# 79  
Delta R.T. 0.08 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 81.3  | 62.6  | 93.8  |
| 43      | 31.2  | 24.6  | 37.0  |





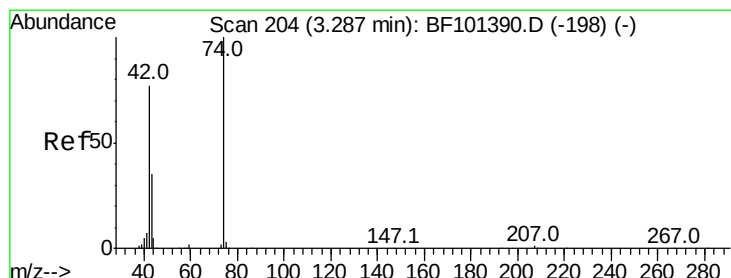
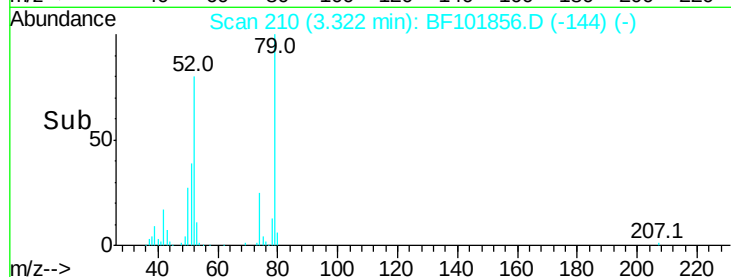
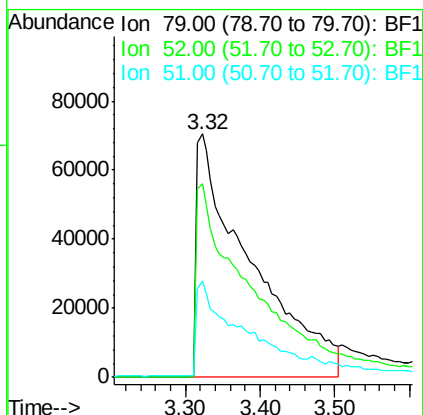
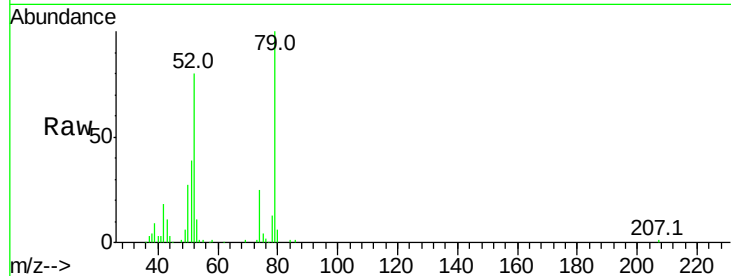
#3  
 Pvridine  
 Concen: 27.445 ng  
 RT: 3.32 min Scan# 210  
 Delta R.T. 0.09 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105401BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 79.7  | 59.8  | 89.6  |
| 51      | 39.5  | 29.8  | 44.8  |

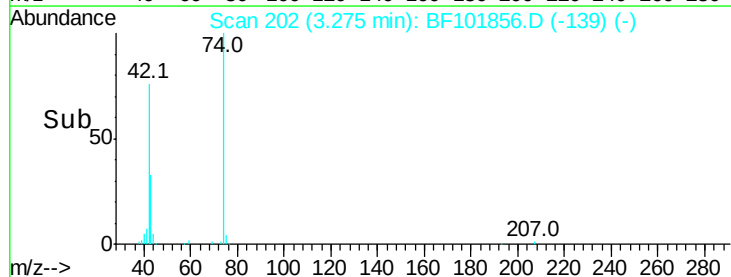
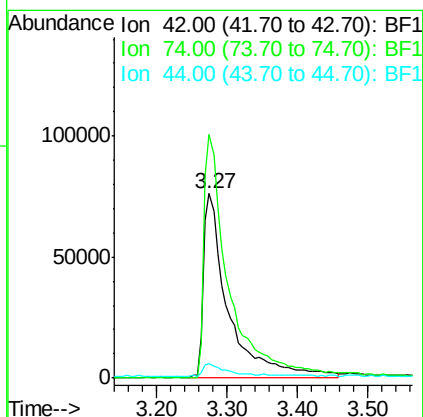
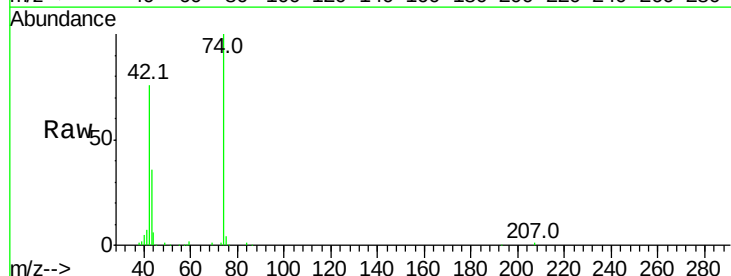
Manual Integrations  
 APPROVED

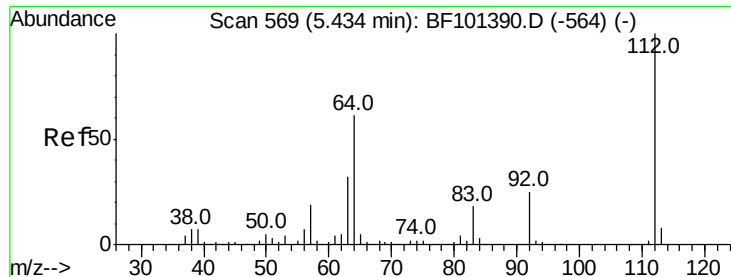
Sohil  
 1/4/2018 1:56:16 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 31.910 ng  
 RT: 3.27 min Scan# 202  
 Delta R.T. 0.07 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 131.9 | 104.9 | 157.3 |
| 44      | 8.0   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 111.197 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

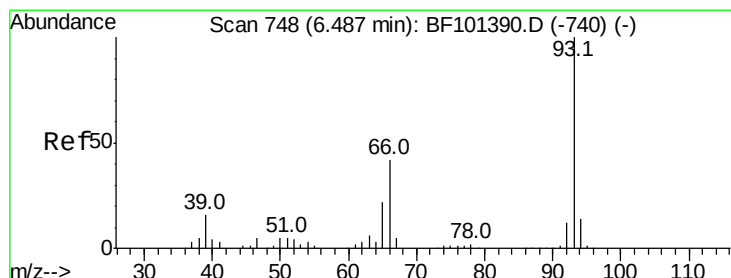
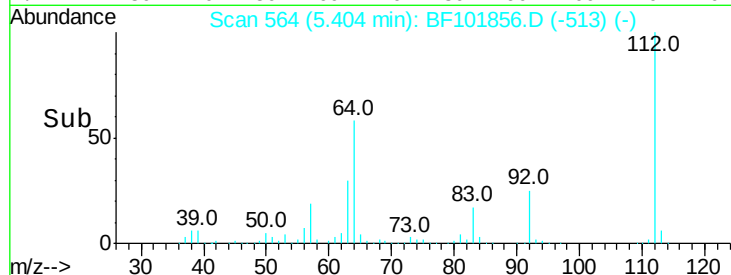
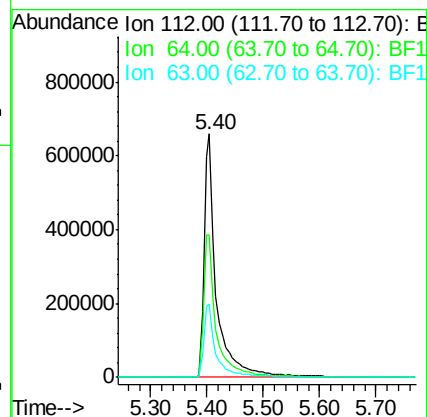
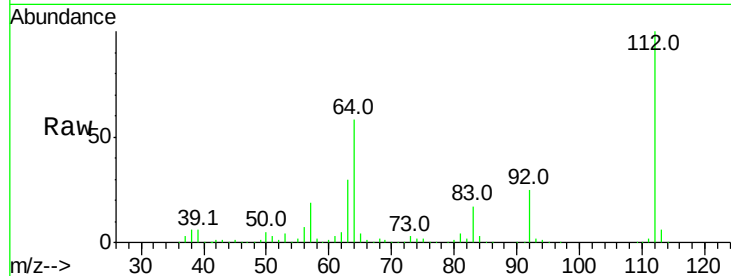
ClientSampled :

PB105401BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 112   | Resp: | 1000017 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 58.3  | 47.9  | 71.9    |
| 63       | 30.2  | 23.7  | 35.5    |

Manual Integrations  
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#6

Aniline

Concen: 16.430 ng

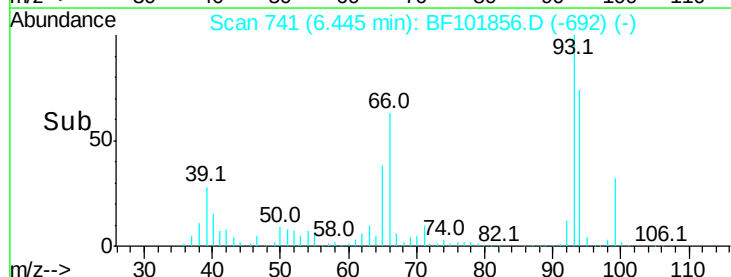
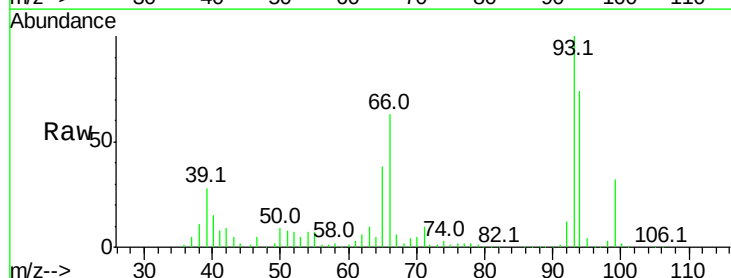
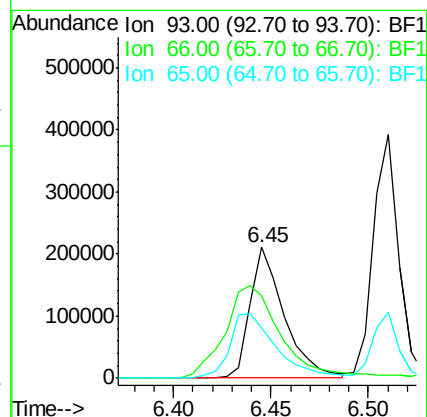
RT: 6.45 min Scan# 741

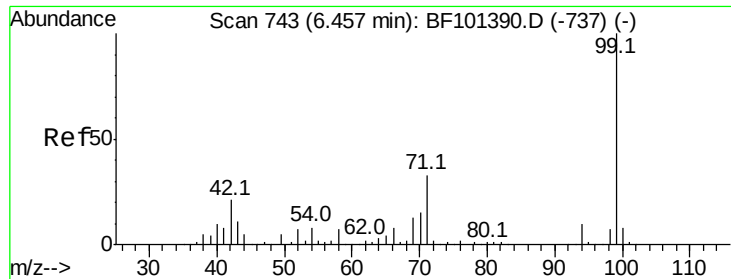
Delta R.T. -0.01 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 255550 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 63.4  | 32.2  | 48.2#  |
| 65       | 38.1  | 16.4  | 24.6#  |





#7

Phenol-d6

Concen: 98.133 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

ClientSampleId :

PB105401BS

Tot Ion: 99 Resp: 1098339

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

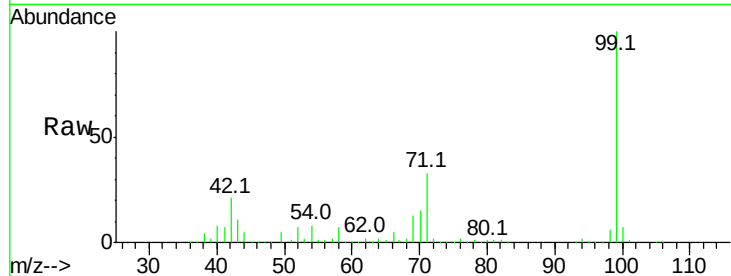
71 33.0 25.4 38.0

Manual Integrations

APPROVED

Sohil

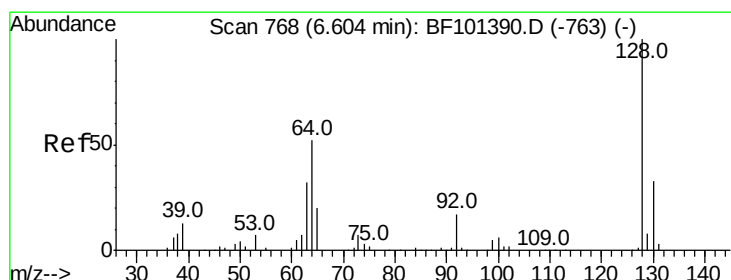
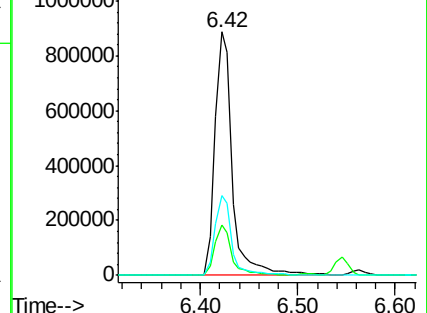
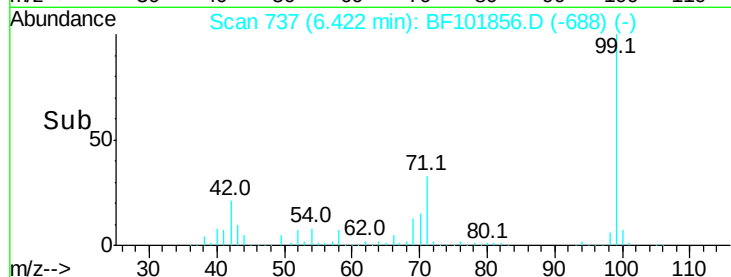
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.225 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

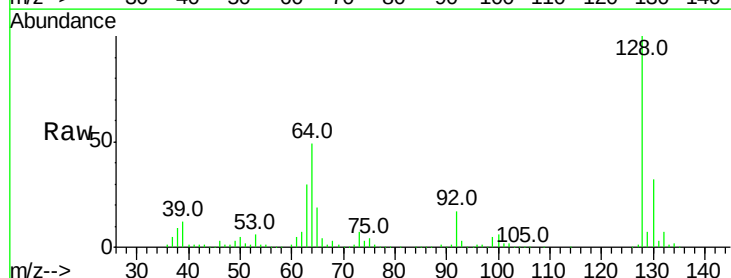
Tgt Ion: 128 Resp: 352162

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

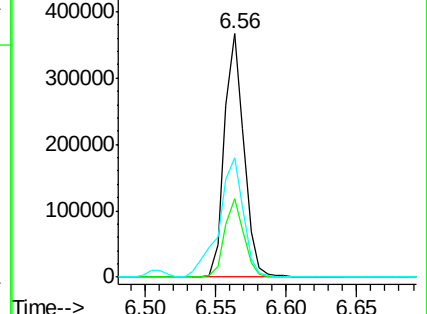
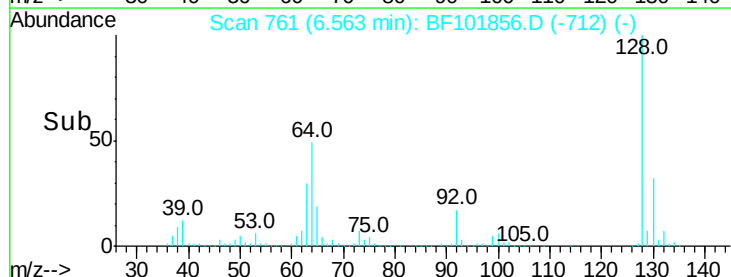
64 48.9 29.4 69.4



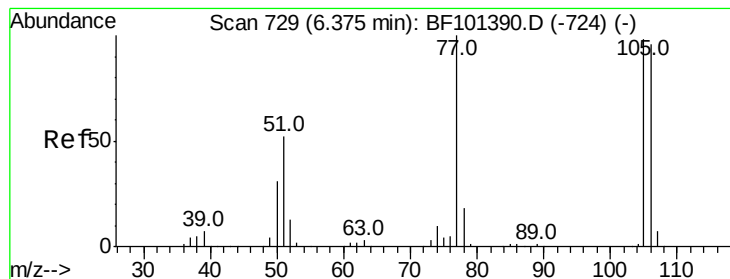
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 16.814 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

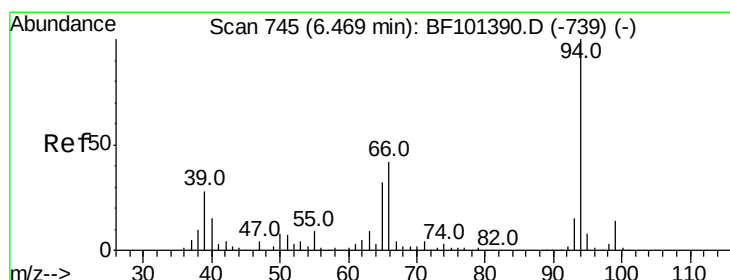
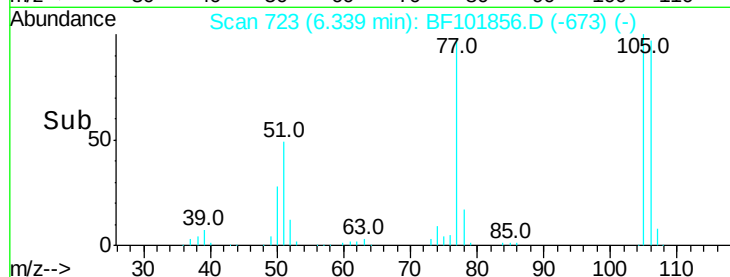
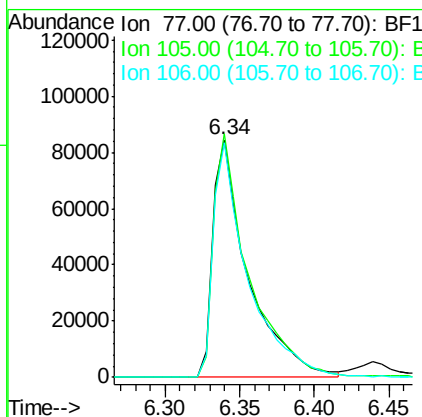
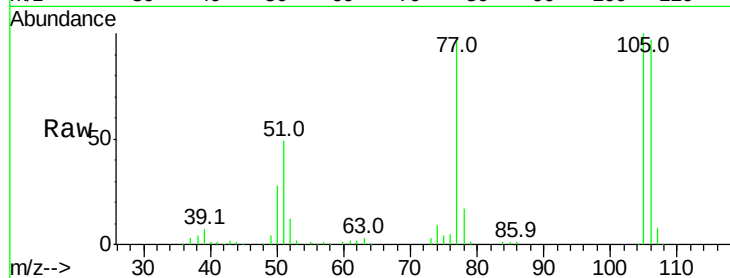
ClientSampleId :

PB105401BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 138980 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 102.5 | 81.1  | 121.1  |
| 106      | 99.0  | 74.5  | 114.5  |

Manual Integrations  
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#10

Phenol

Concen: 34.050 ng

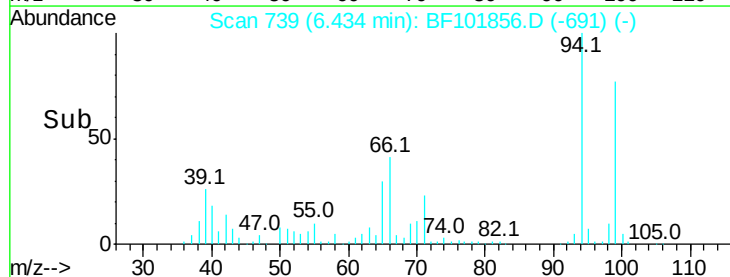
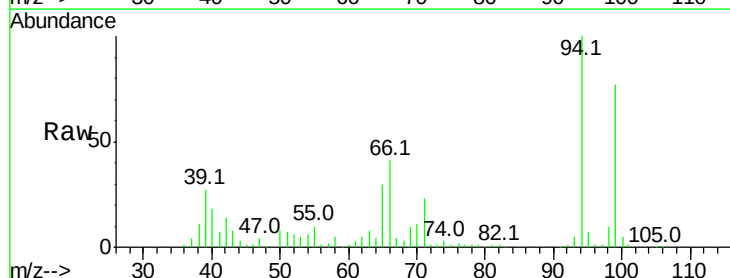
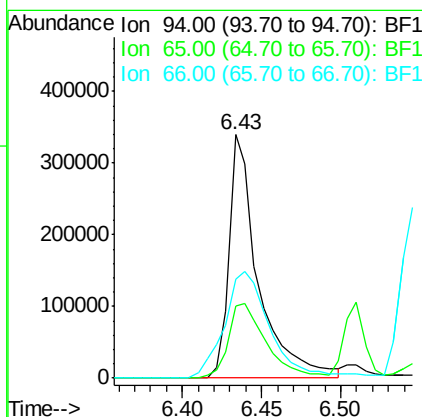
RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

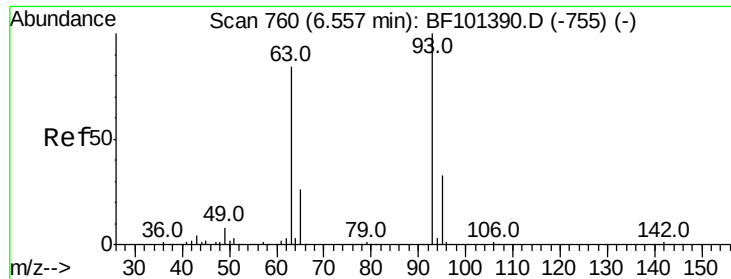
Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 434364 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 29.7  | 7.9   | 47.9   |
| 66       | 40.9  | 16.2  | 56.2   |







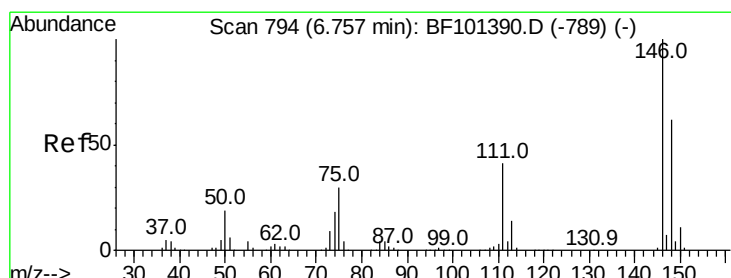
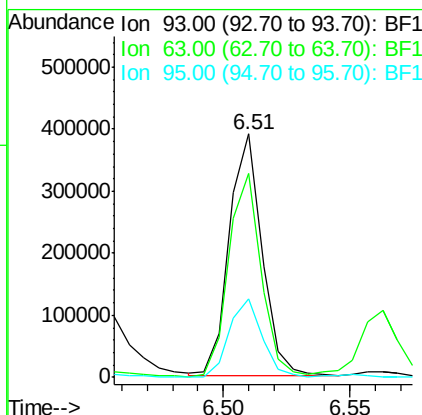
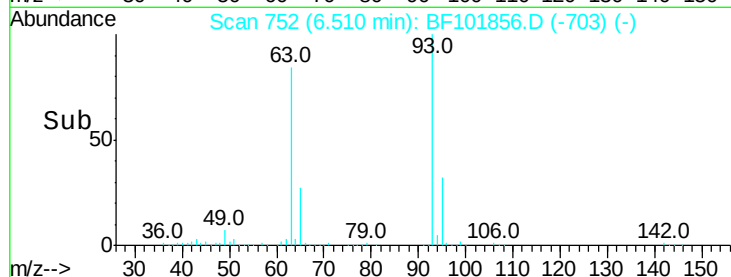
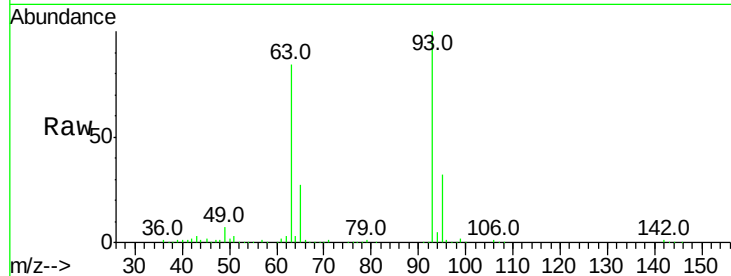
#11  
bis(2-Chloroethyl)ether  
Concen: 34.879 ng  
RT: 6.51 min Scan# 752  
Delta R.T. -0.01 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampled :  
PB105401BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 83.5  | 58.6  | 98.6  |
| 95      | 32.5  | 11.8  | 51.8  |

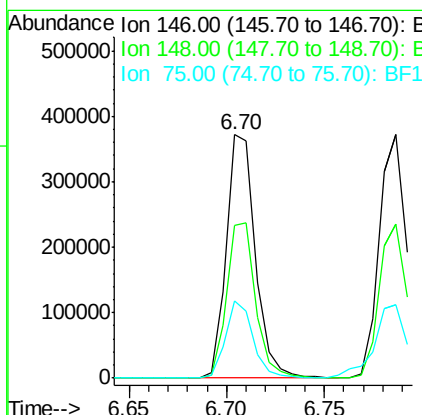
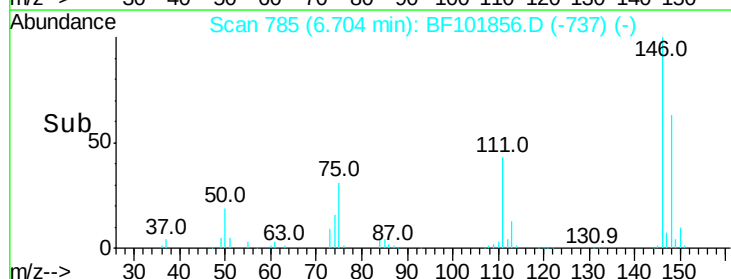
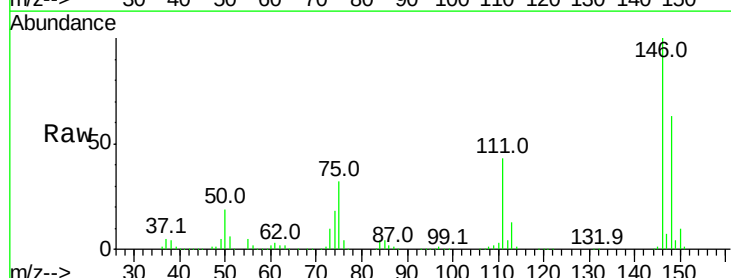
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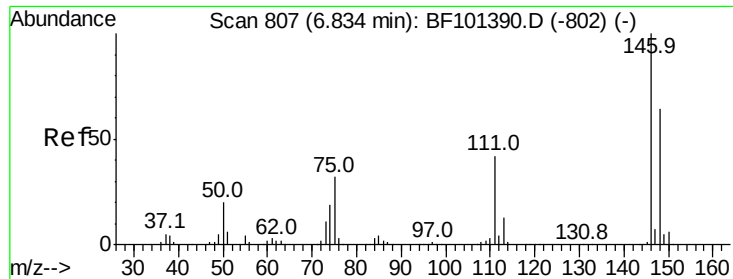
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#12  
1,3-Dichlorobenzene  
Concen: 35.897 ng  
RT: 6.70 min Scan# 785  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.5  | 51.8  | 77.8  |
| 75      | 31.6  | 24.2  | 36.4  |





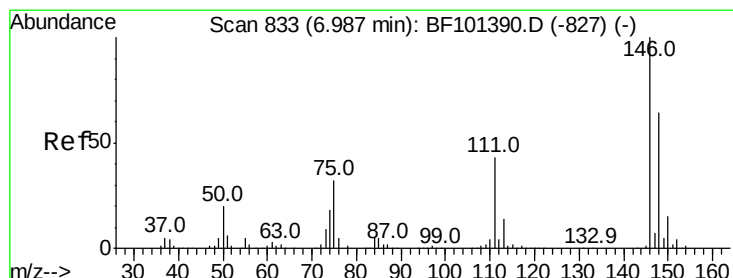
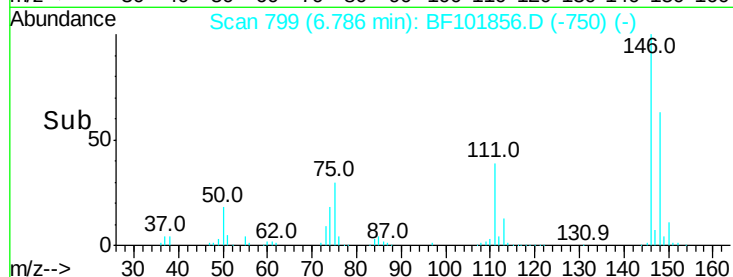
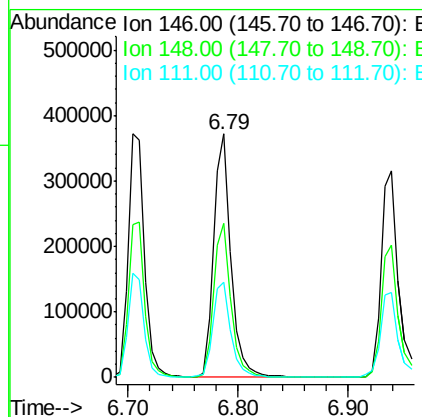
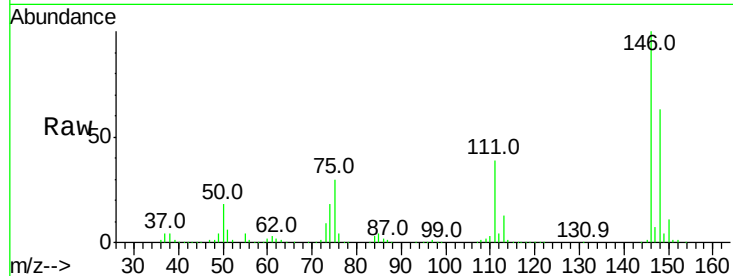
#13  
 1,4-Dichlorobenzene  
 Concen: 36.170 ng  
 RT: 6.79 min Scan# 799  
 Delta R.T. -0.01 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105401BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 50.8  | 76.2  |
| 111     | 39.3  | 34.2  | 51.2  |

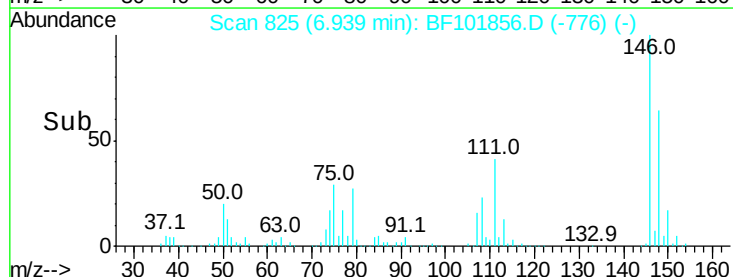
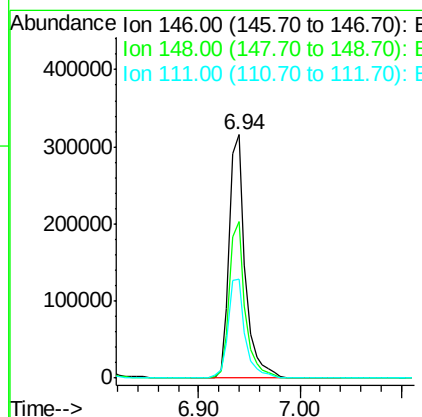
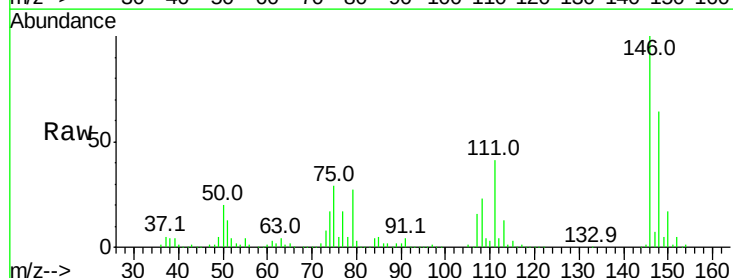
Manual Integrations  
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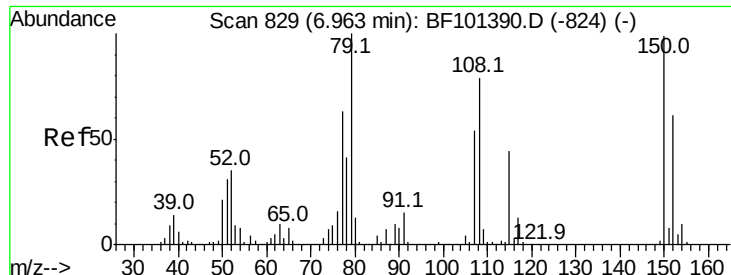
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#14  
 1,2-Dichlorobenzene  
 Concen: 35.388 ng  
 RT: 6.94 min Scan# 825  
 Delta R.T. -0.01 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 50.6  | 75.8  |
| 111     | 40.8  | 36.0  | 54.0  |





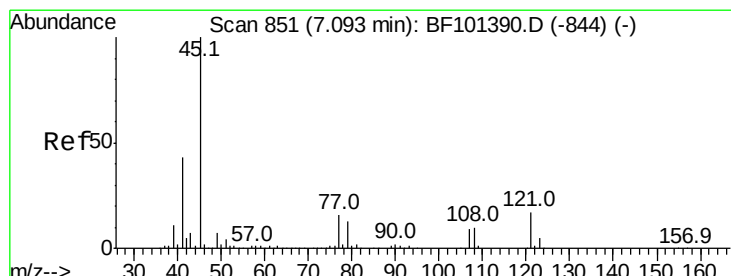
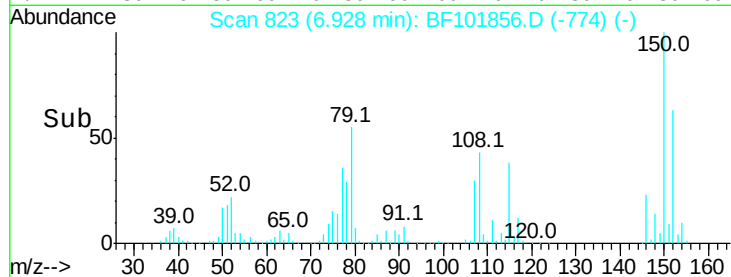
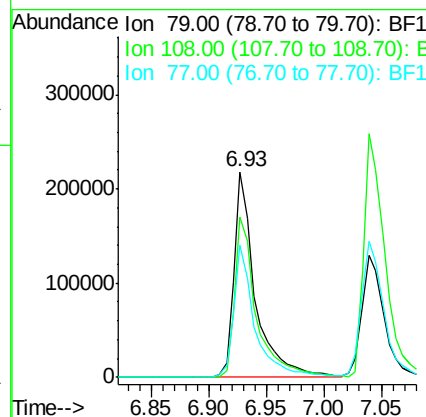
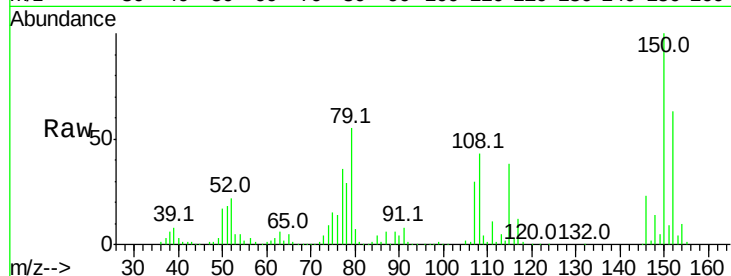
#15  
Benzyl Alcohol  
Concen: 36.087 ng  
RT: 6.93 min Scan# 823  
Delta R.T. -0.01 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB105401BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 78.1  | 65.1  | 97.7  |
| 77      | 64.4  | 50.6  | 75.8  |

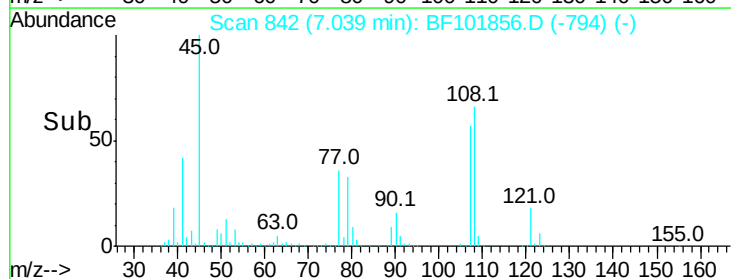
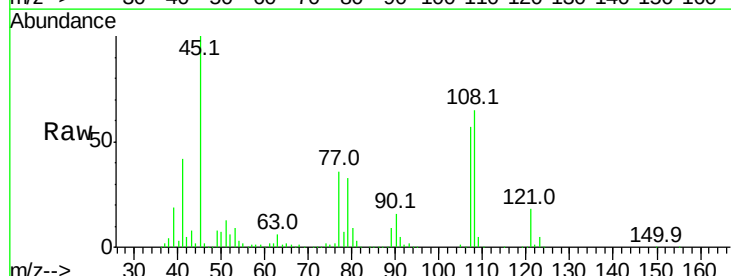
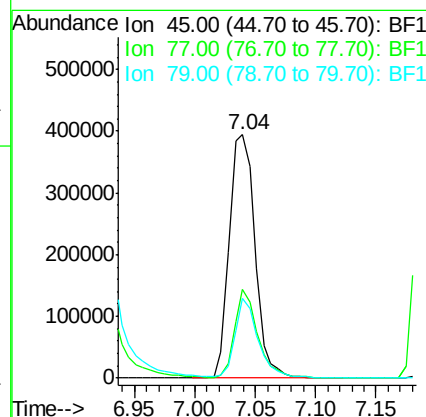
Manual Integrations  
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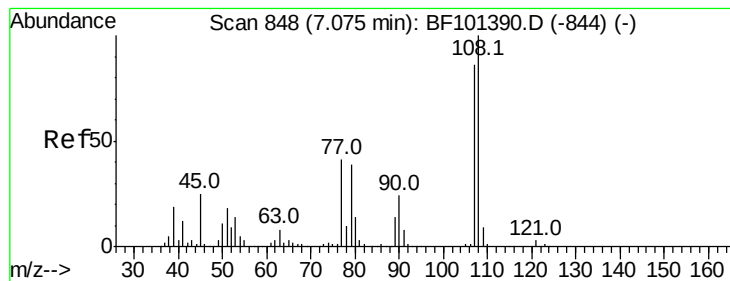
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 37.987 ng  
RT: 7.04 min Scan# 842  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 36.5  | 0.0   | 32.9# |
| 79      | 32.7  | 0.0   | 29.6# |





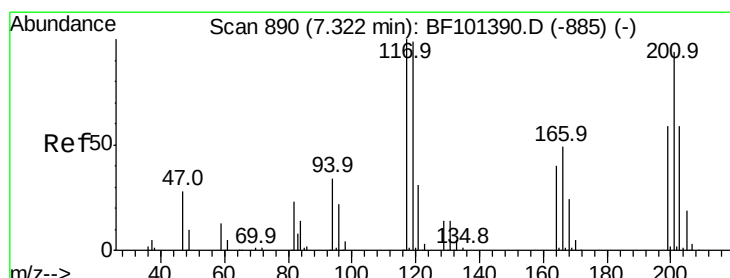
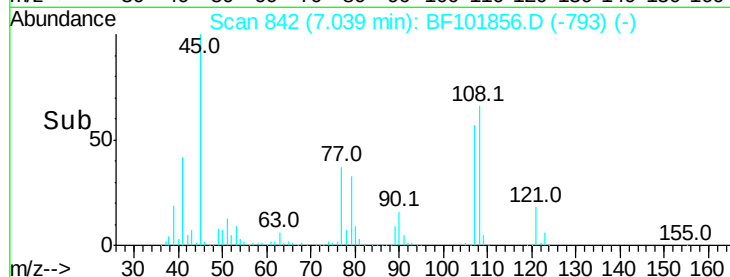
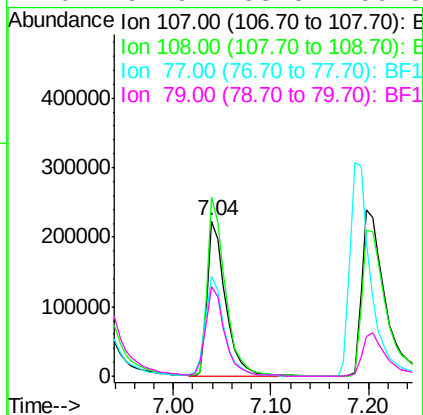
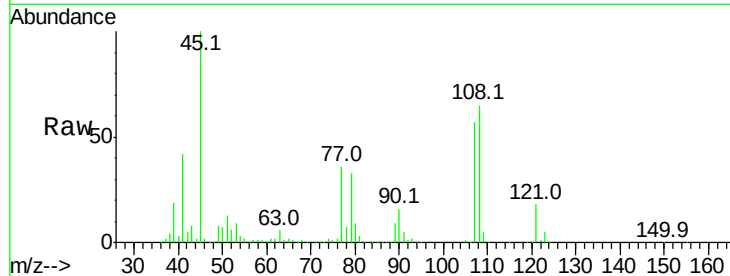
#17  
2-Methylphenol  
Concen: 33.084 ng  
RT: 7.04 min Scan# 842  
Delta R.T. -0.01 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB105401BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 115.8 | 91.7  | 137.5 |
| 77      | 64.5  | 33.8  | 50.8# |
| 79      | 57.9  | 33.8  | 50.8# |

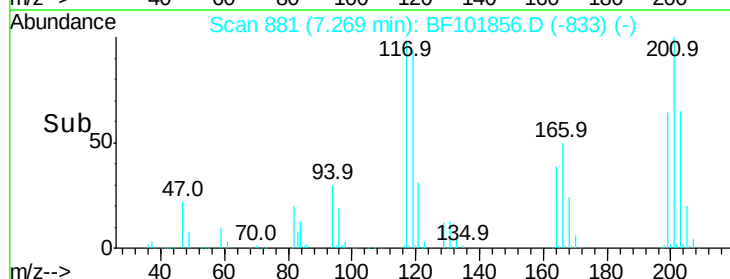
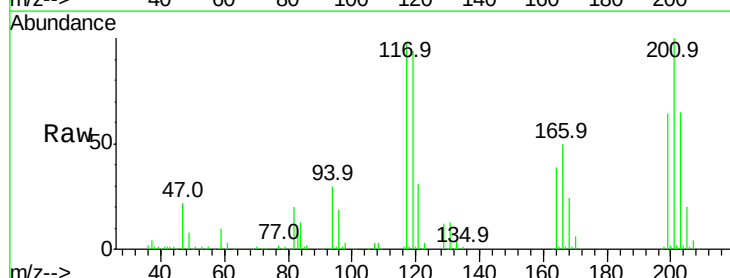
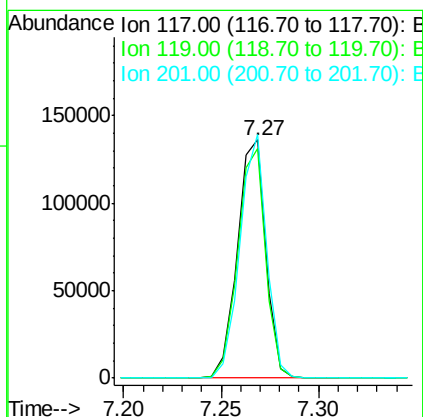
Manual Integrations  
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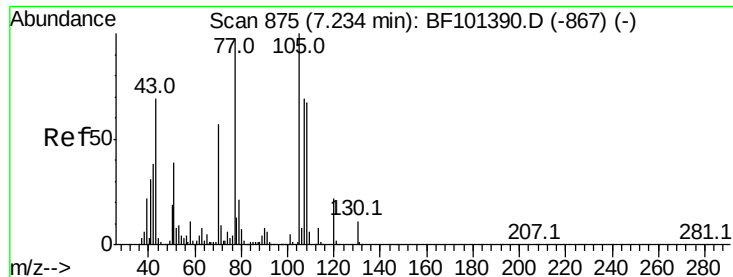
Sohil  
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#18  
Hexachloroethane  
Concen: 36.088 ng  
RT: 7.27 min Scan# 881  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.5  | 75.8  | 113.8 |
| 201     | 102.4 | 75.7  | 113.5 |





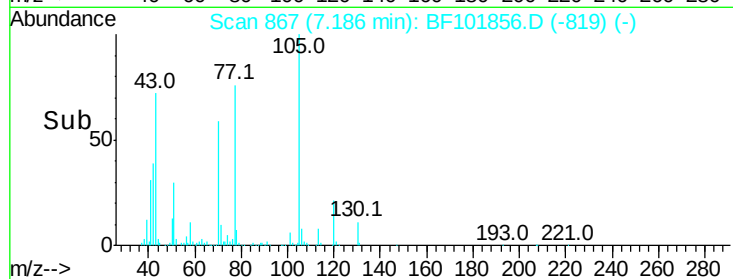
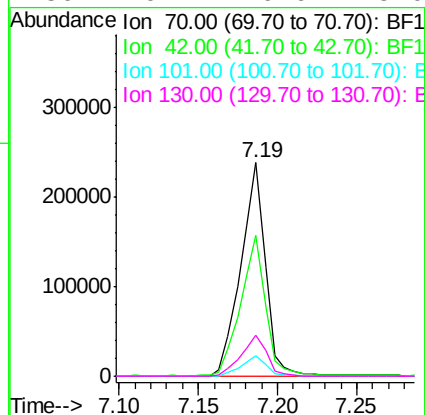
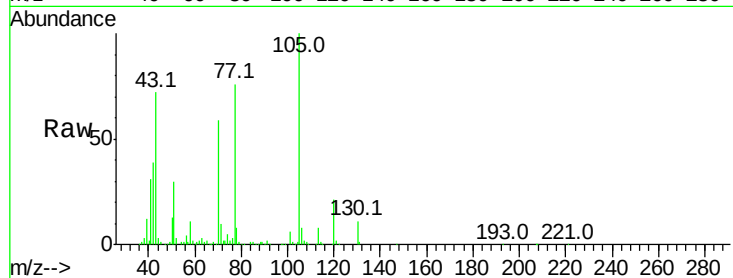
#19  
n-Nitroso-di-n-propylamine  
Concen: 34.673 ng  
RT: 7.19 min Scan# 867  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB105401BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 66.1  | 47.5  | 71.3  |
| 101     | 9.5   | 7.4   | 11.2  |
| 130     | 19.1  | 16.6  | 25.0  |

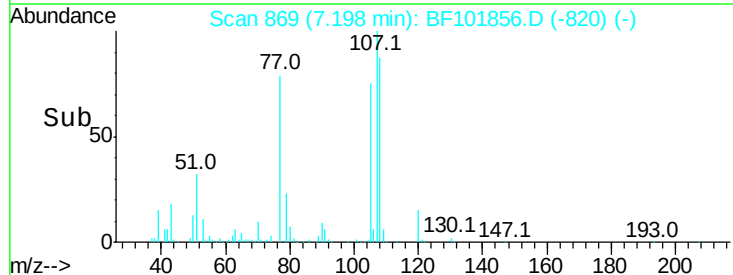
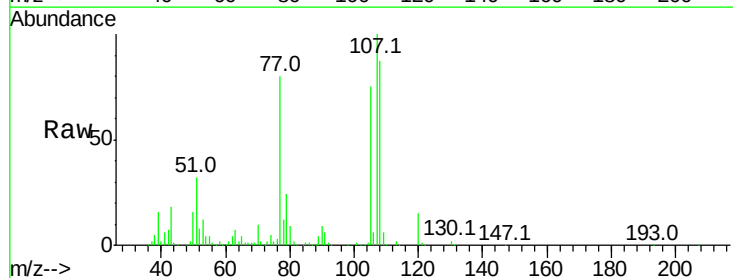
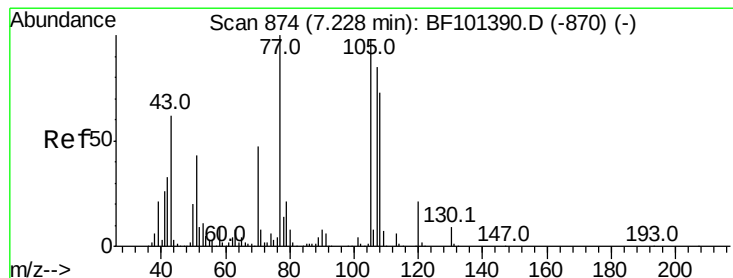
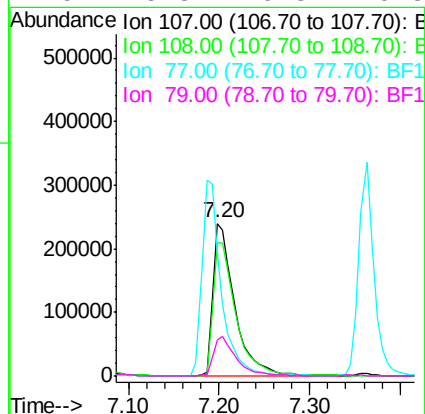
Manual Integrations  
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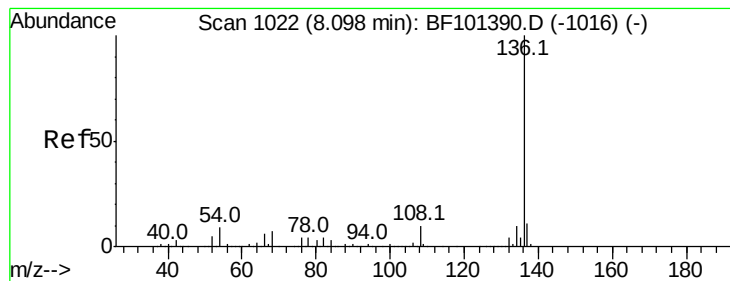
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#20  
3+4-Methylphenols  
Concen: 43.278 ng  
RT: 7.20 min Scan# 869  
Delta R.T. -0.01 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.2  | 68.2  | 108.2 |
| 77      | 80.2  | 26.7  | 66.7# |
| 79      | 23.8  | 6.3   | 46.3  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

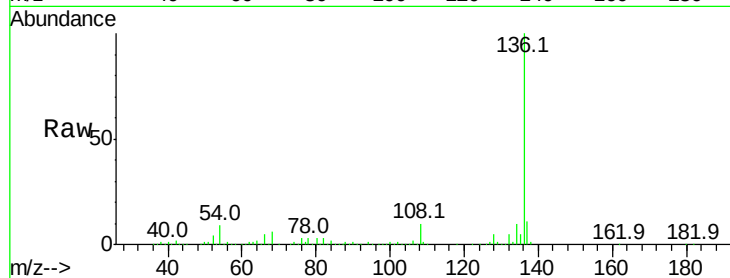
ClientSampleId :

PB105401BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 538870 |       |       |
| 137     | 11.0 |       | 8.9    | 13.3  |       |
| 54      | 8.5  |       | 6.6    | 9.8   |       |
| 68      | 6.4  |       | 5.0    | 7.4   |       |

Manual Integrations  
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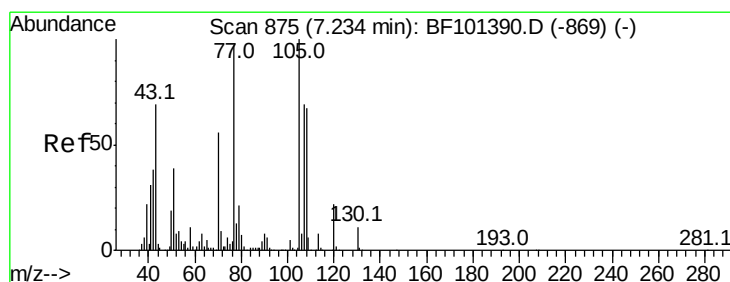
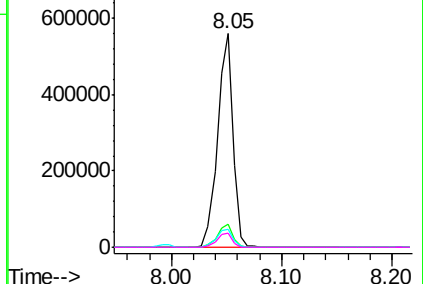
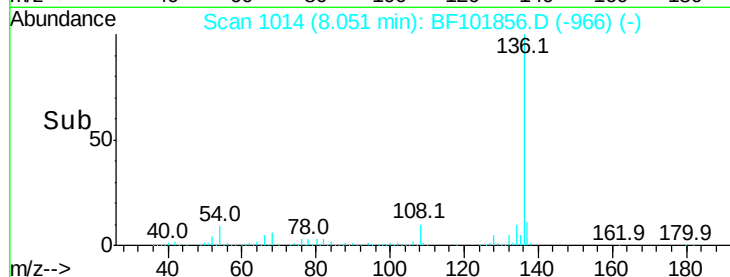
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.160 ng

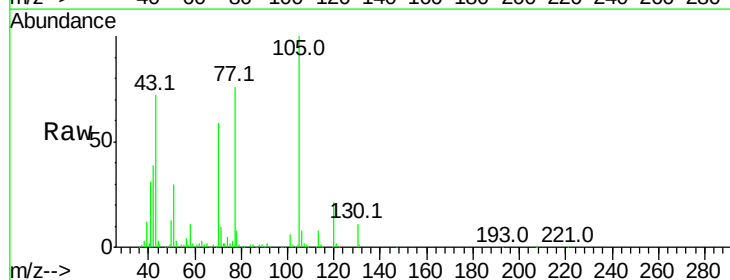
RT: 7.19 min Scan# 867

Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 456914 |       |       |
| 71      | 9.9  |       | 4.4    | 6.6#  |       |
| 51      | 30.2 |       | 22.3   | 33.5  |       |
| 120     | 21.2 |       | 16.9   | 25.3  |       |



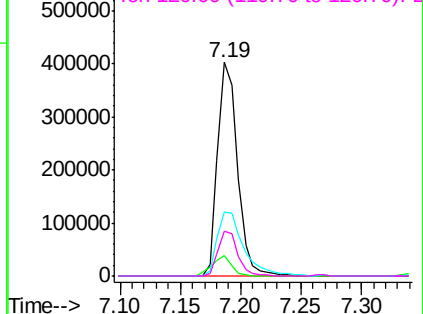
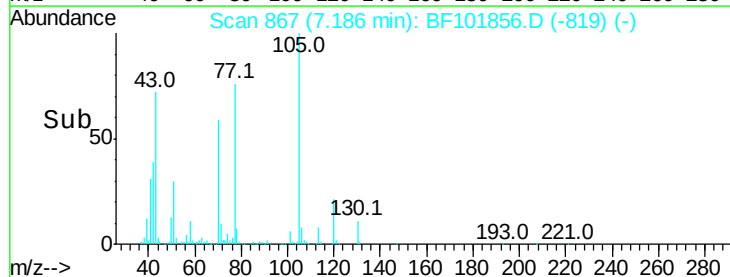
Abundance

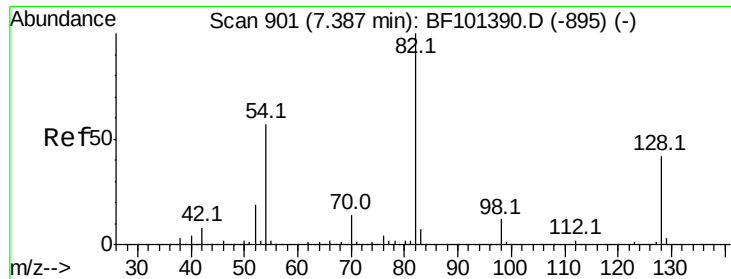
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





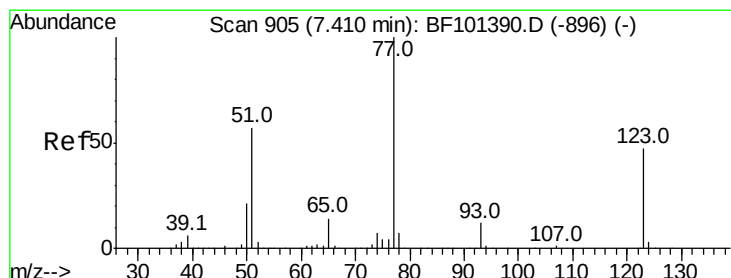
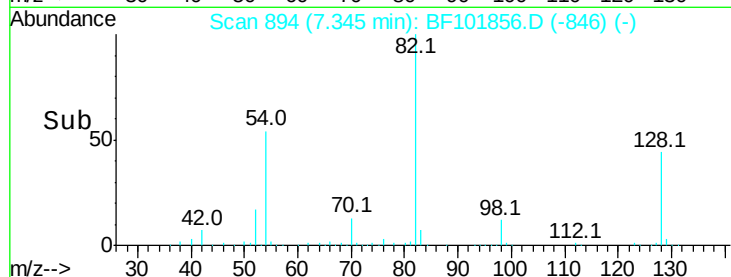
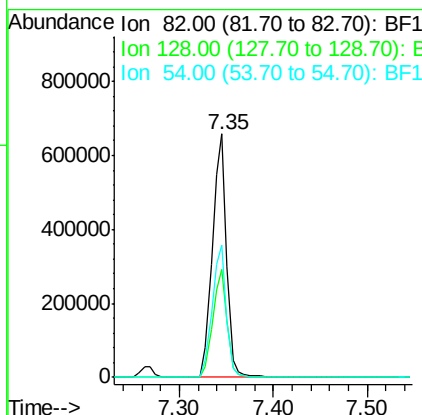
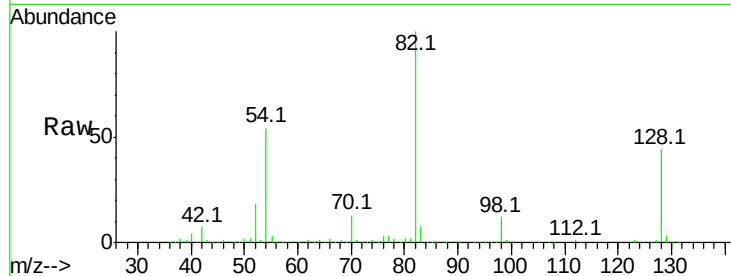
#23  
 Nitrobenzene-d5  
 Concen: 72.533 ng  
 RT: 7.35 min Scan# 894  
 Delta R.T. -0.02 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB105401BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.5  | 36.1  | 54.1  |
| 54      | 54.1  | 41.4  | 62.2  |

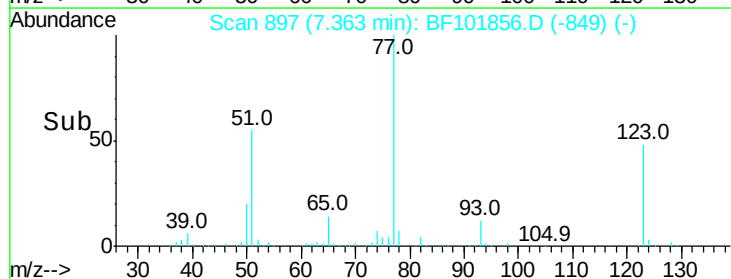
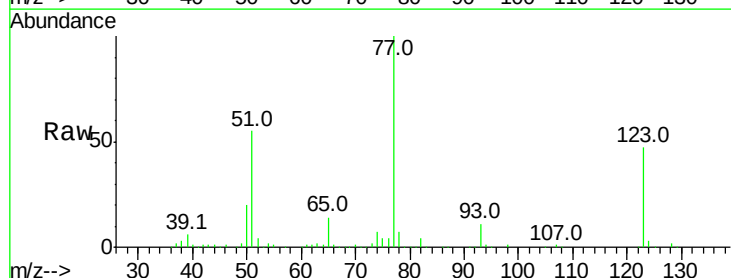
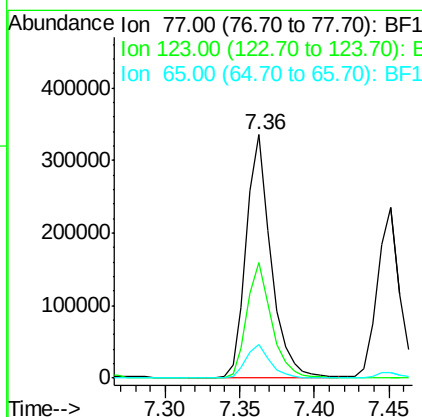
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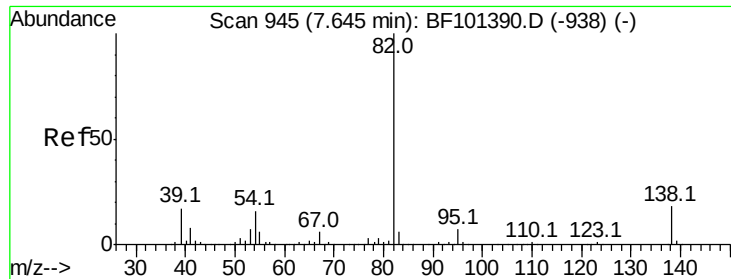


#24  
 Nitrobenzene  
 Concen: 35.908 ng  
 RT: 7.36 min Scan# 897  
 Delta R.T. -0.02 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 47.3  | 37.9  | 56.9  |
| 65      | 13.8  | 11.0  | 16.4  |







#25

Isophorone

Concen: 36.308 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

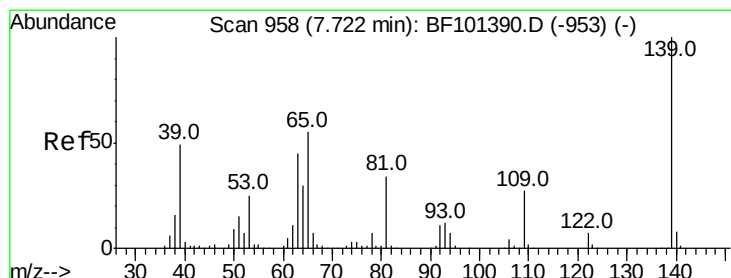
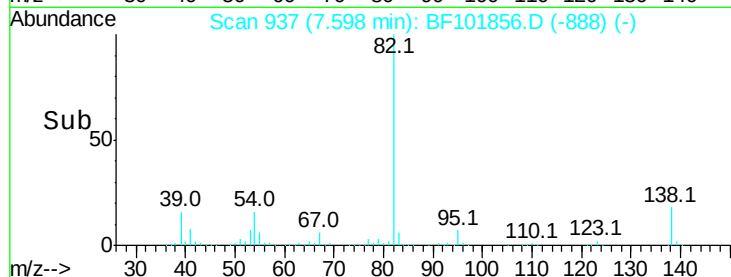
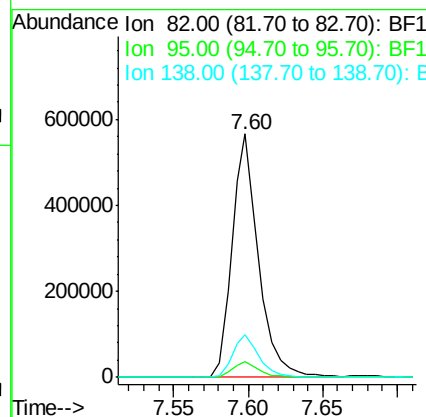
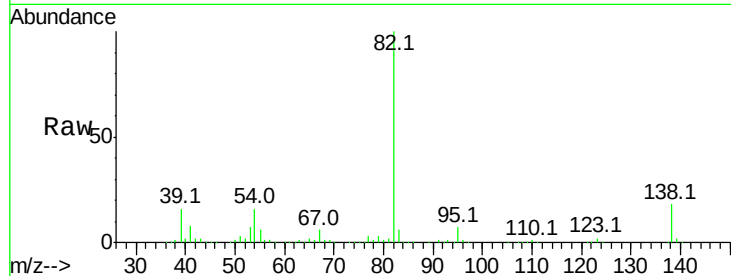
ClientSampleId :

PB105401BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 705084 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.6   | 5.2   | 7.8    |
| 138       | 17.8  | 14.9  | 22.3   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 43.090 ng

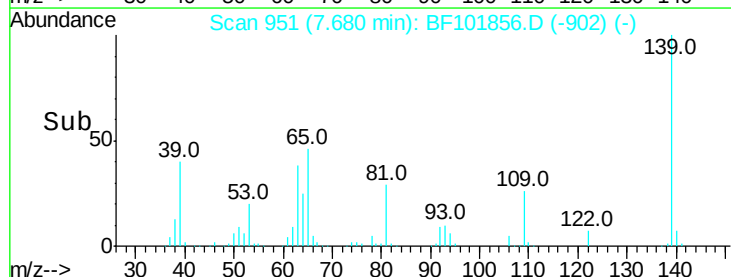
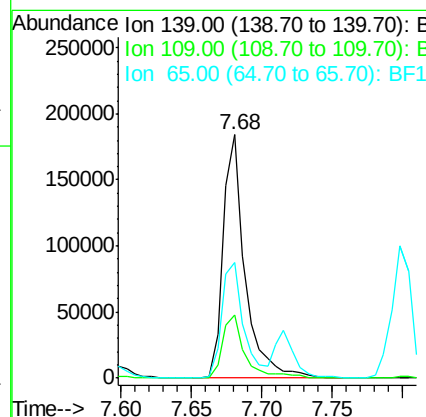
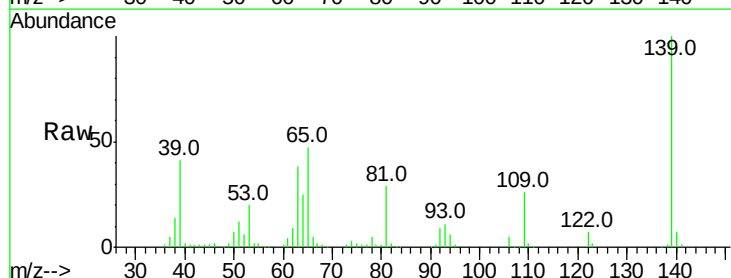
RT: 7.68 min Scan# 951

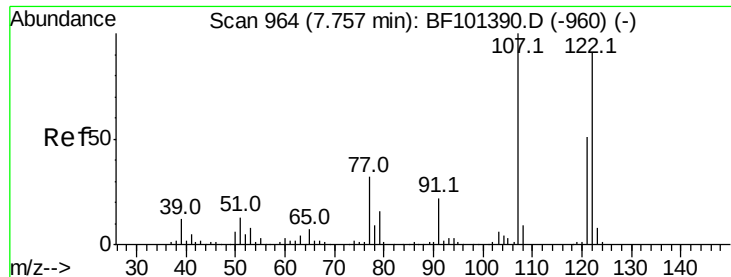
Delta R.T. -0.01 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 198337 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 25.7  | 22.7  | 34.1   |
| 65        | 47.2  | 40.5  | 60.7   |





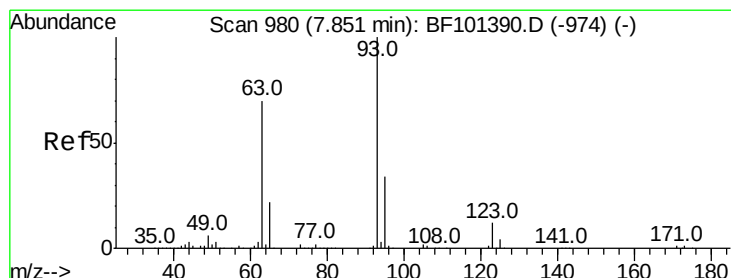
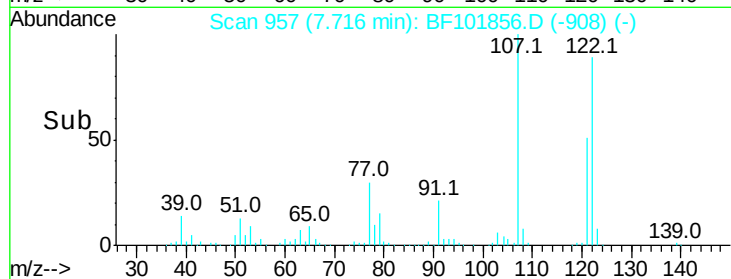
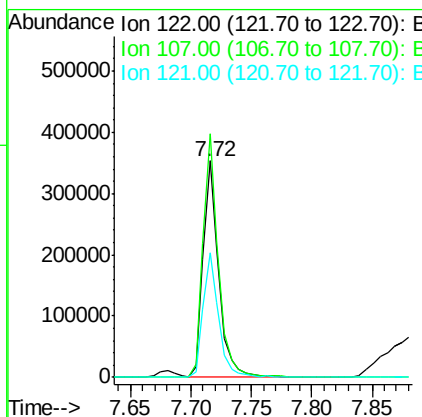
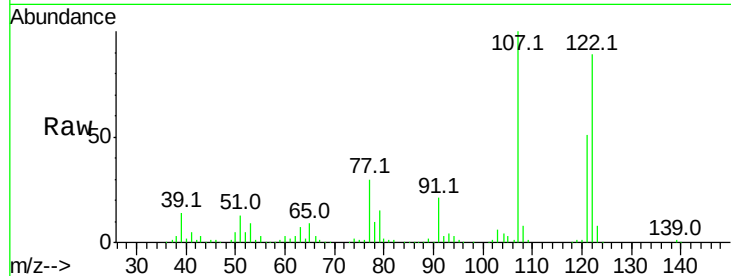
#27  
2,4-Dimethylphenol  
Concen: 40.631 ng  
RT: 7.72 min Scan# 957  
Delta R.T. -0.01 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB105401BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 112.4 | 91.2  | 136.8 |
| 121     | 57.8  | 47.2  | 70.8  |

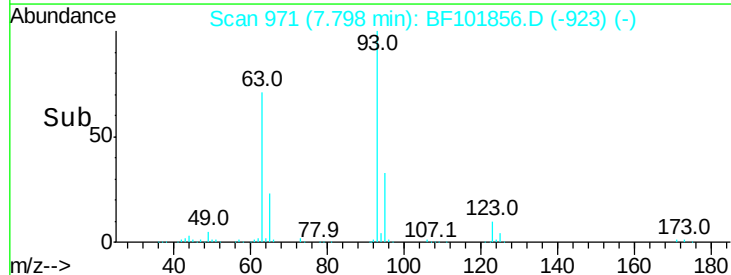
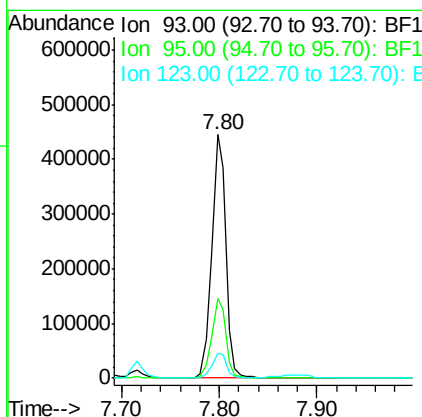
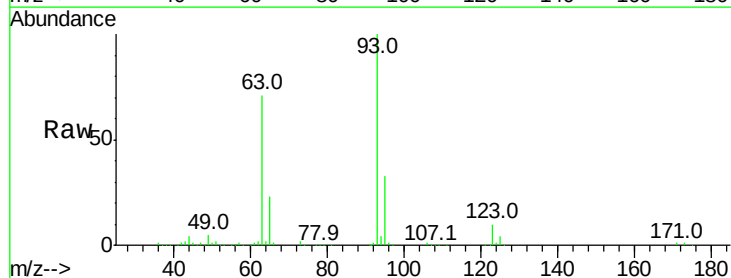
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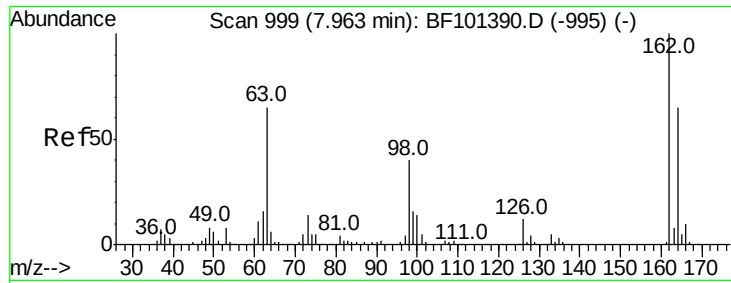
Sohil  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 36.159 ng  
RT: 7.80 min Scan# 971  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.7  | 26.3  | 39.5  |
| 123     | 10.4  | 9.8   | 14.6  |





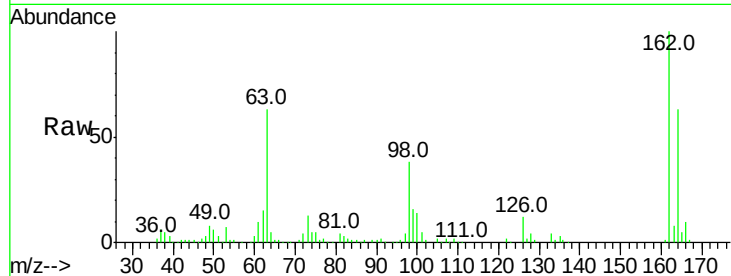
#29  
2,4-Dichlorophenol  
Concen: 40.401 ng  
RT: 7.93 min Scan# 993  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB105401BS

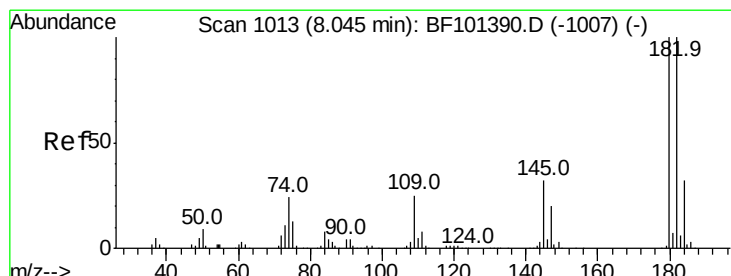
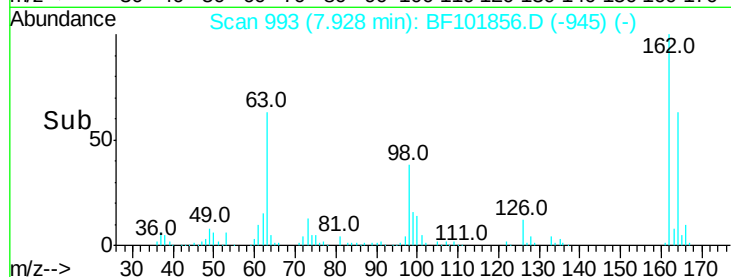
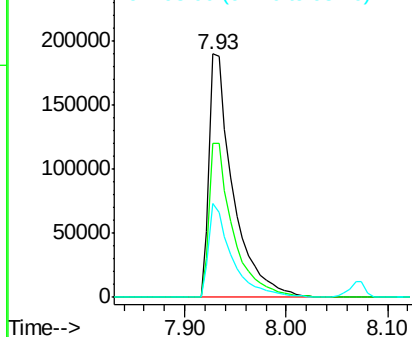
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 312114 |       |       |
| 164     | 63.3  | 42.7   | 82.7  |       |
| 98      | 38.3  | 18.1   | 58.1  |       |

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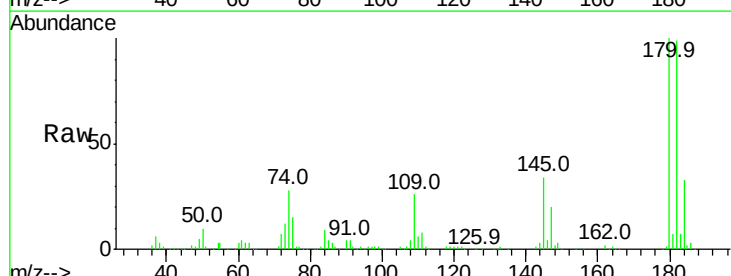


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

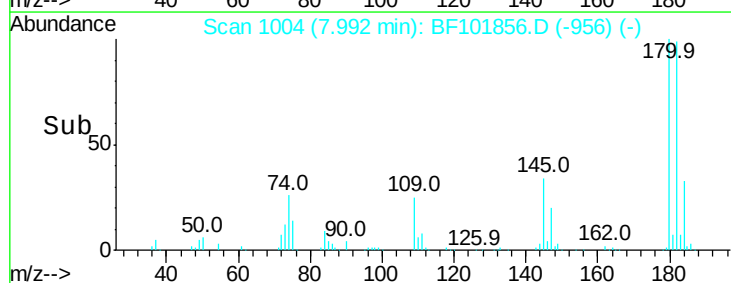
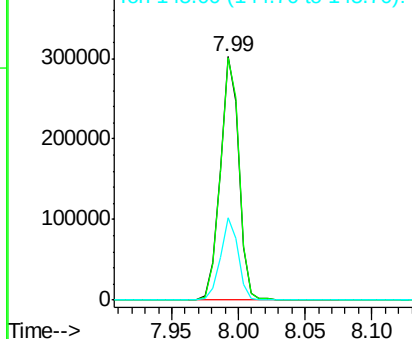


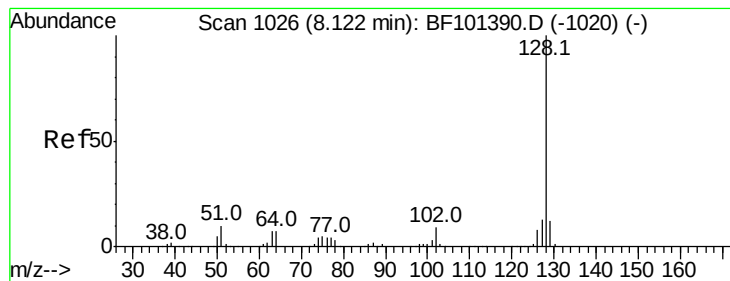
#30  
1,2,4-Trichlorobenzene  
Concen: 36.518 ng  
RT: 7.99 min Scan# 1004  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 297718 |       |       |
| 182     | 99.3  | 76.8   | 115.2 |       |
| 145     | 33.7  | 26.5   | 39.7  |       |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.721 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

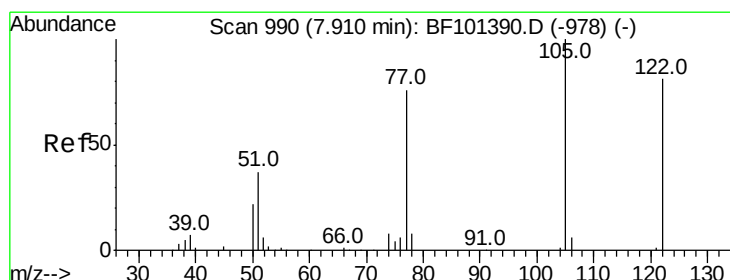
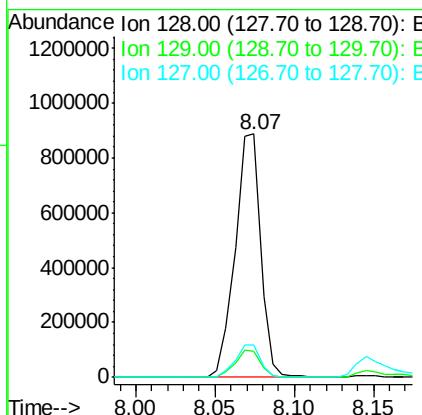
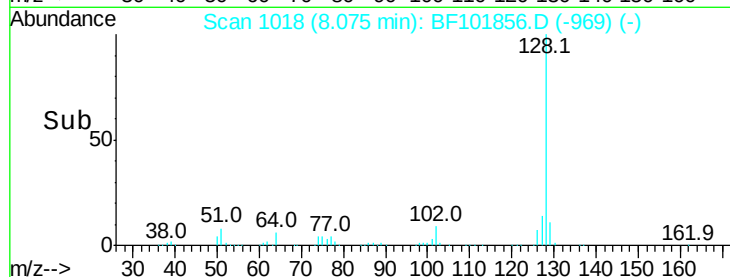
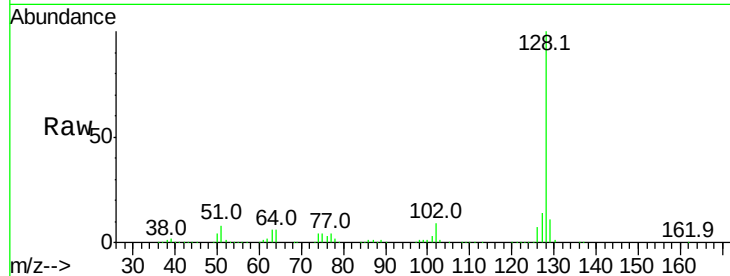
ClientSampleId :

PB105401BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 996196 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.0  | 8.8   | 13.2   |
| 127       | 13.5  | 10.9  | 16.3   |

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#32

Benzoic acid

Concen: 35.380 ng

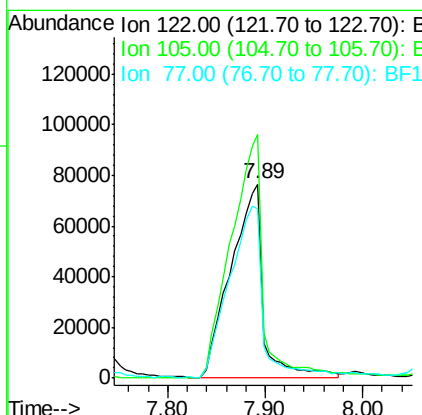
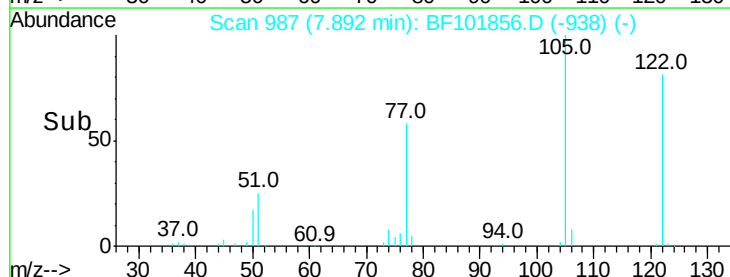
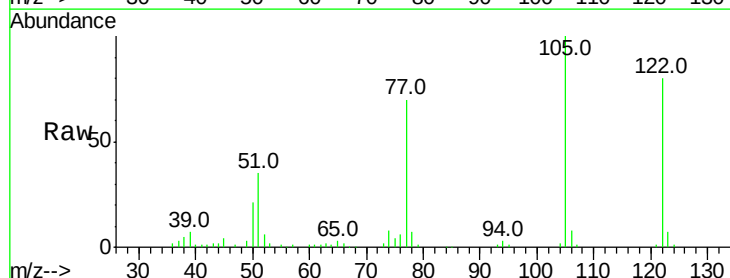
RT: 7.89 min Scan# 987

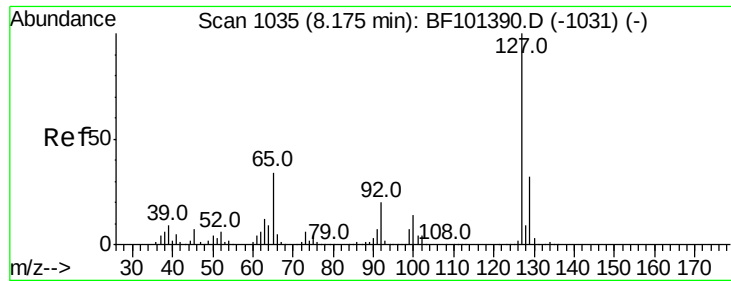
Delta R.T. -0.01 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 173190 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 125.3 | 101.1 | 141.1  |
| 77        | 87.3  | 70.7  | 110.7  |





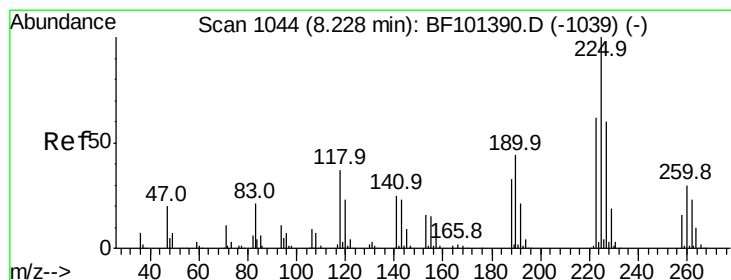
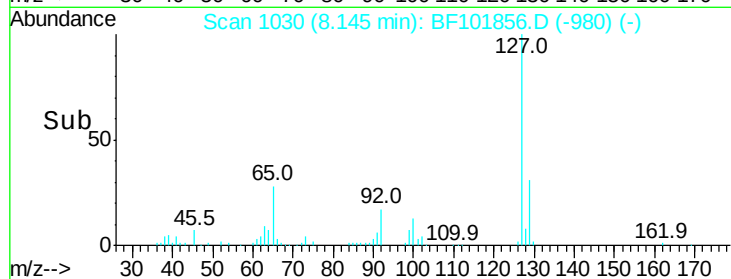
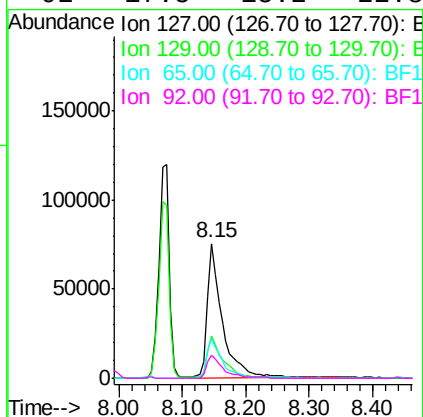
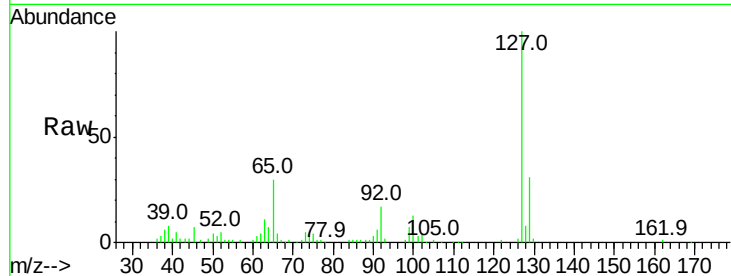
#33  
4-Chloroaniline  
Concen: 10.655 ng  
RT: 8.15 min Scan# 1030  
Delta R.T. -0.01 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB105401BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 31.1  | 25.9 | 38.9  |       |
| 65      | 29.6  | 25.0 | 37.4  |       |
| 92      | 17.5  | 15.2 | 22.8  |       |

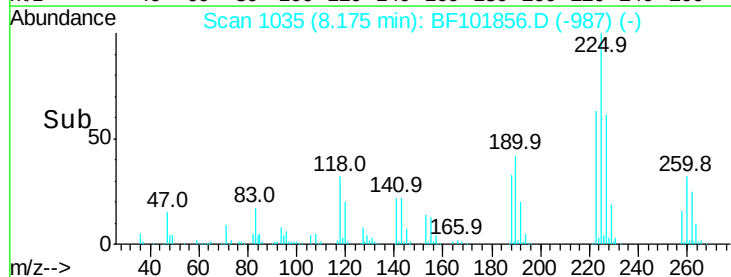
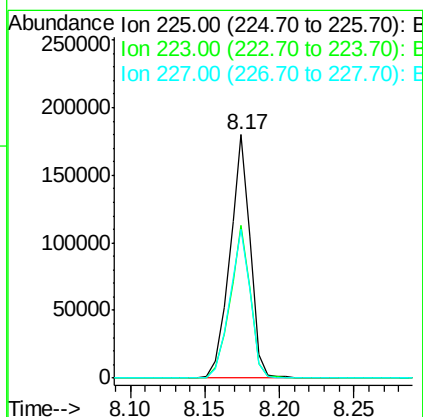
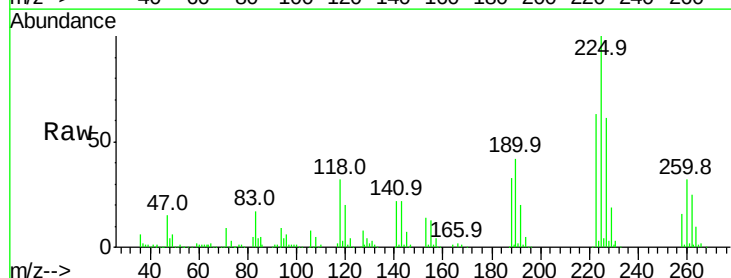
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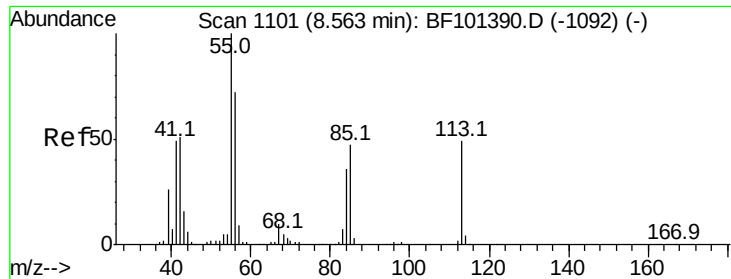
Sohil  
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#34  
Hexachlorobutadiene  
Concen: 36.713 ng  
RT: 8.17 min Scan# 1035  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.8  | 50.6 | 76.0  |       |
| 227     | 61.1  | 51.9 | 77.9  |       |





#35

Caprolactam

Concen: 37.065 ng/ml

RT: 8.52 min Scan# 1094

Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

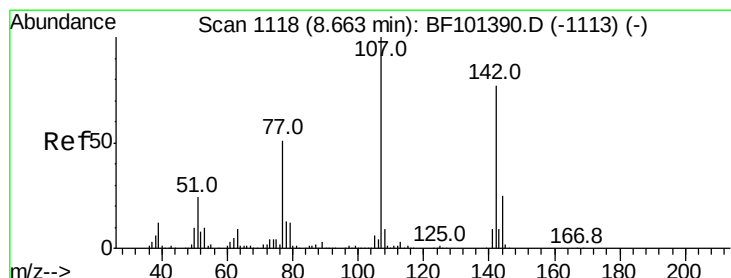
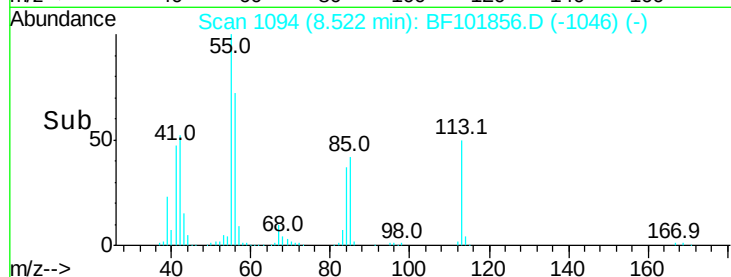
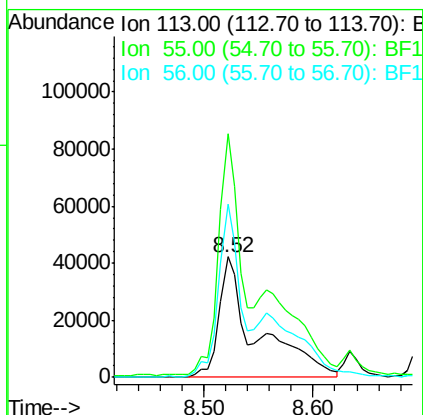
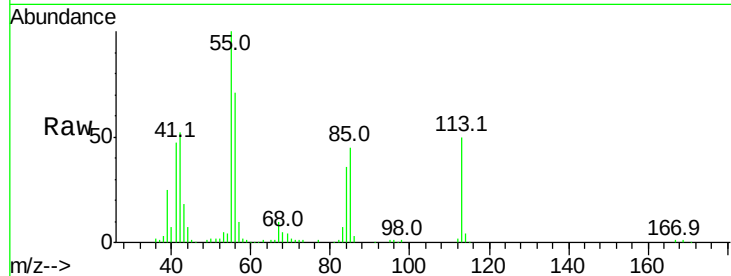
ClientSampleID :

PB105401BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 99427 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 201.9 | 163.3 | 203.3 |
| 56       | 143.7 | 115.7 | 155.7 |

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#36

4-Chloro-3-methylphenol

Concen: 37.160 ng/ml

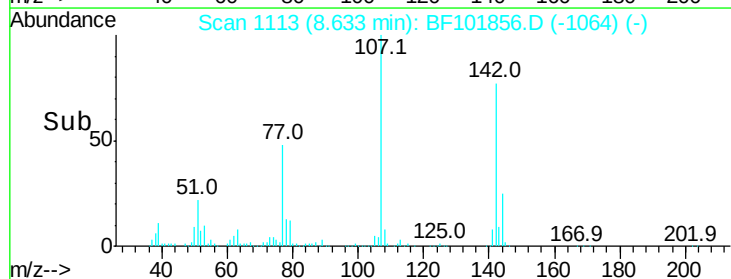
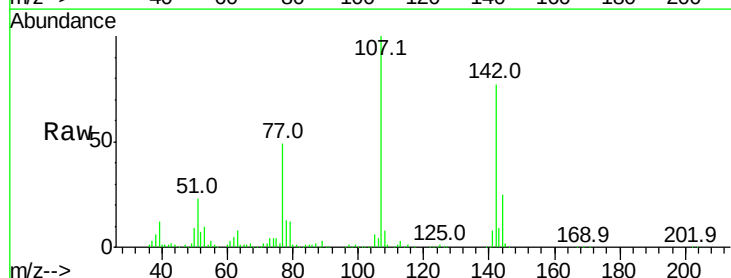
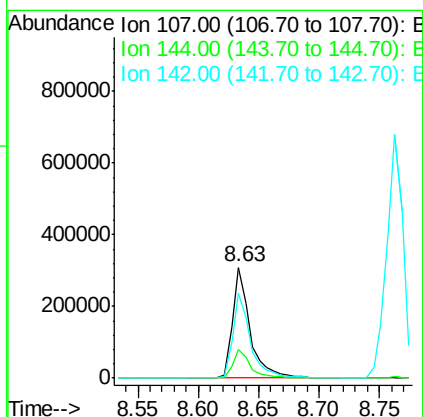
RT: 8.63 min Scan# 1113

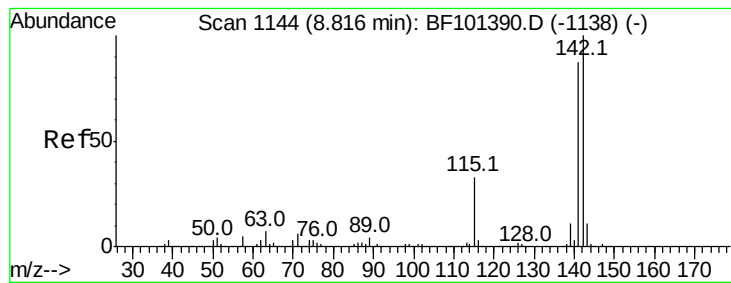
Delta R.T. -0.01 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 315527 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 25.4  | 20.5  | 30.7   |
| 142      | 76.5  | 62.0  | 93.0   |





#37

2-Methylnaphthalene

Concen: 36.828 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

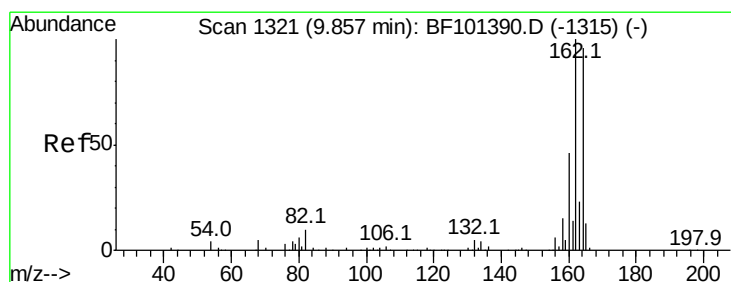
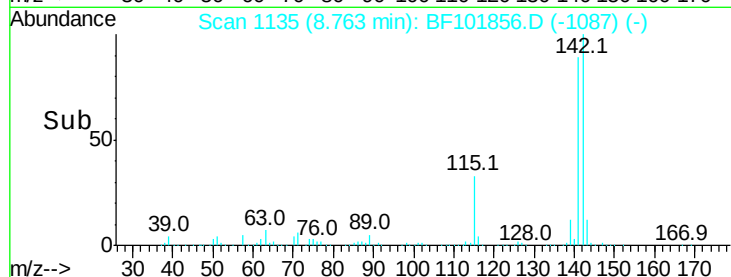
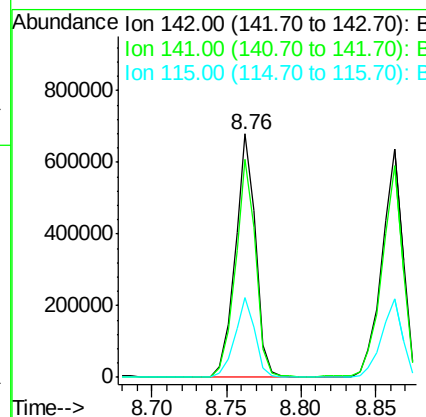
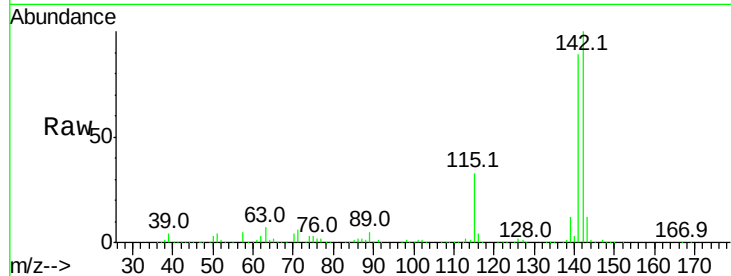
ClientSampleId :

PB105401BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 650928 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 89.5  | 70.8  | 106.2  |
| 115       | 33.0  | 26.1  | 39.1   |

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#38

Acenaphthene-d10

Concen: 20.000 ng

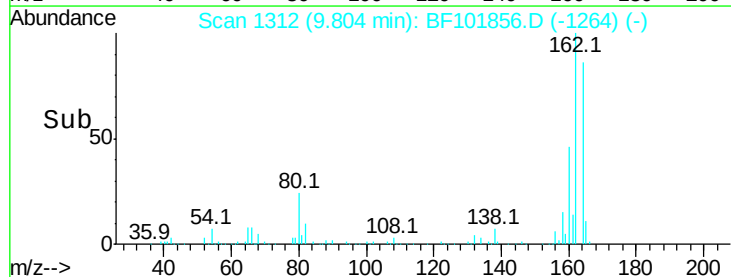
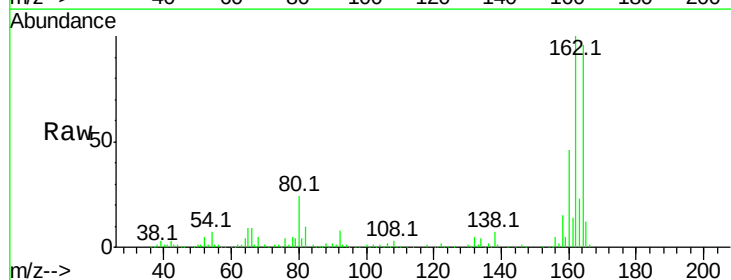
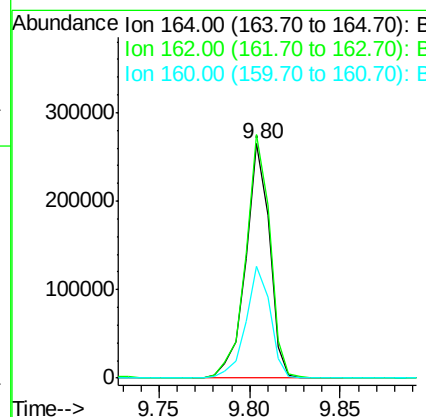
RT: 9.80 min Scan# 1312

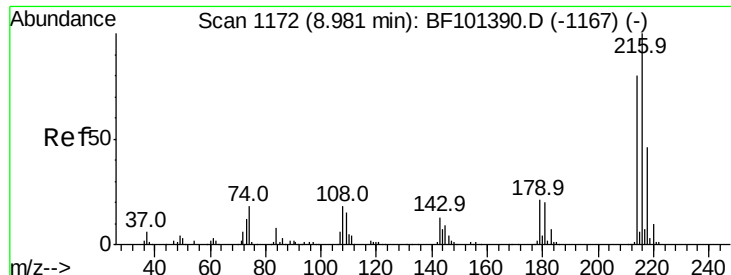
Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 241807 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 103.9 | 86.1  | 129.1  |
| 160       | 47.7  | 38.3  | 57.5   |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.894 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

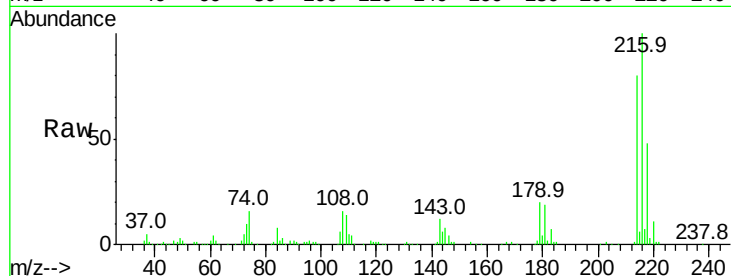
ClientSampleId :

PB105401BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 293038 |       |       |
| 214     | 79.5  | 63.0   | 94.4  |       |
| 179     | 20.3  | 18.1   | 27.1  |       |
| 108     | 18.5  | 17.2   | 25.8  |       |

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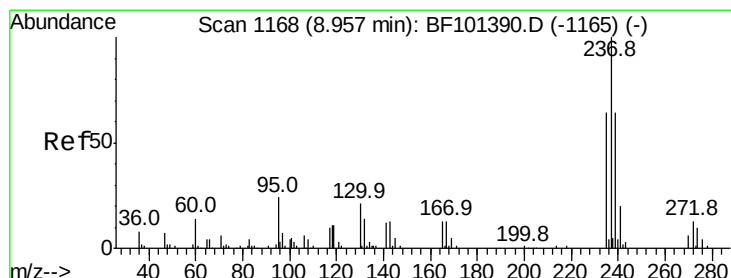
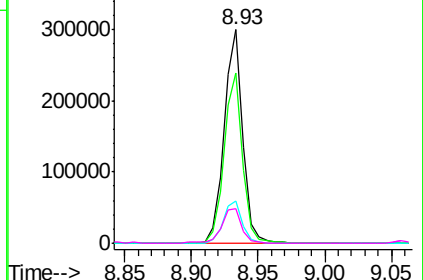
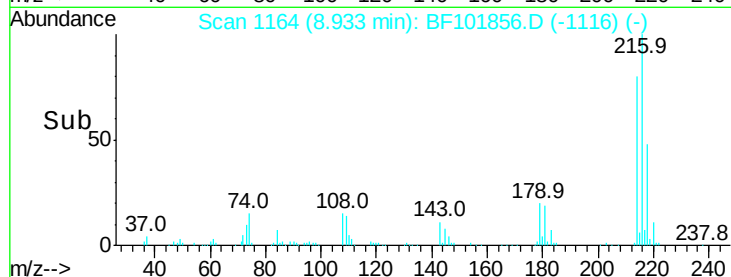


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.455 ng

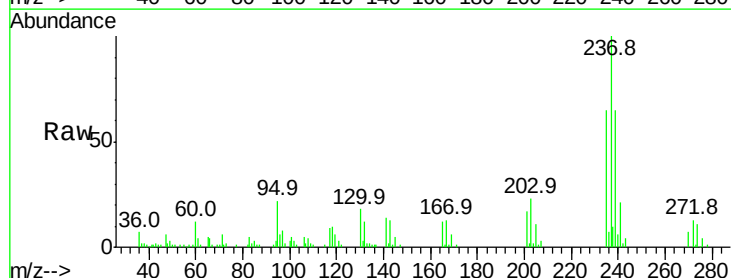
RT: 8.90 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

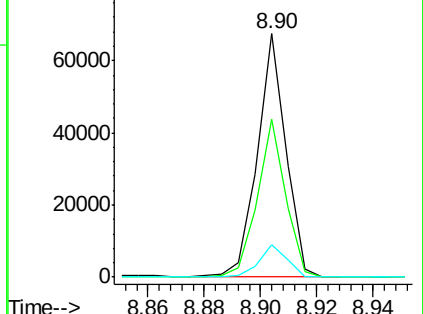
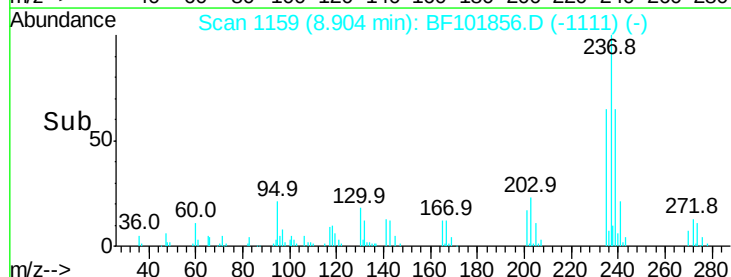
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 47232 |       |       |
| 235     | 64.8  | 44.8  | 84.8  |       |
| 272     | 13.1  | 0.0   | 33.3  |       |



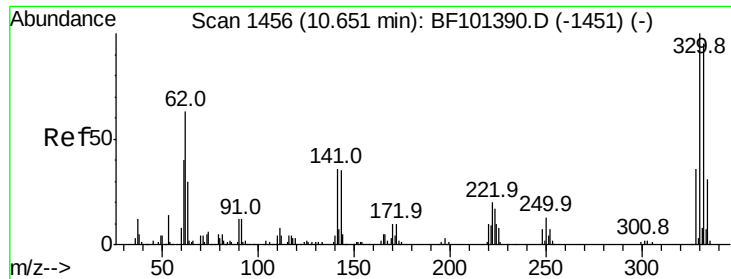
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







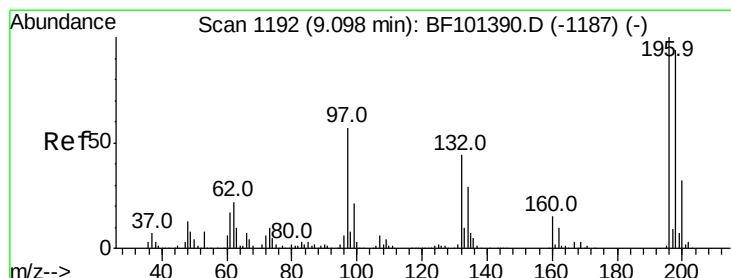
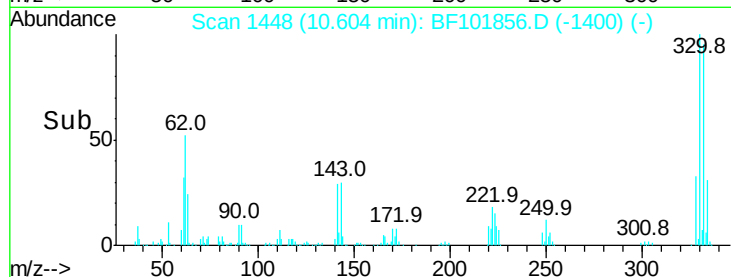
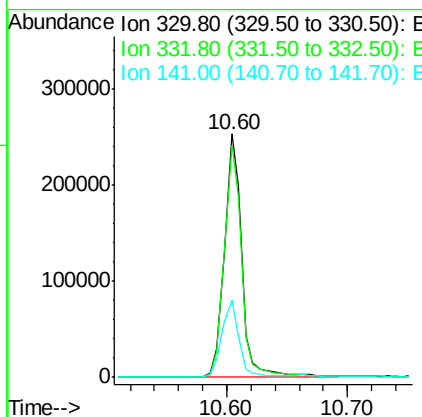
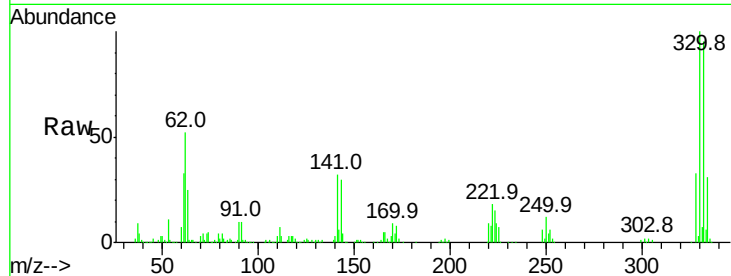
#41  
 2,4,6-Tribromophenol  
 Concen: 108.694 ng  
 RT: 10.60 min Scan# 1448  
 Delta R.T. -0.02 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105401BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 253258 |       |       |
| 332     | 99.0  | 77.0   | 115.6 |       |
| 141     | 31.5  | 29.9   | 44.9  |       |

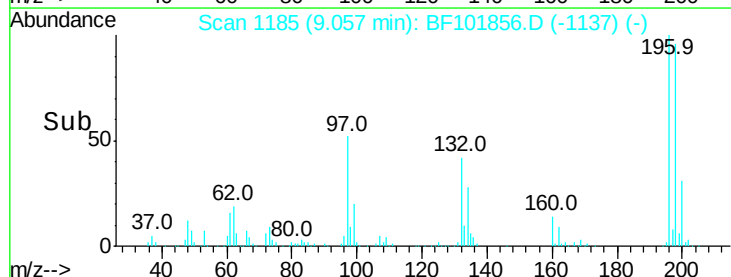
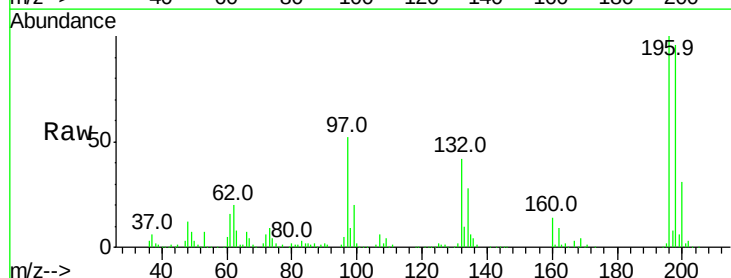
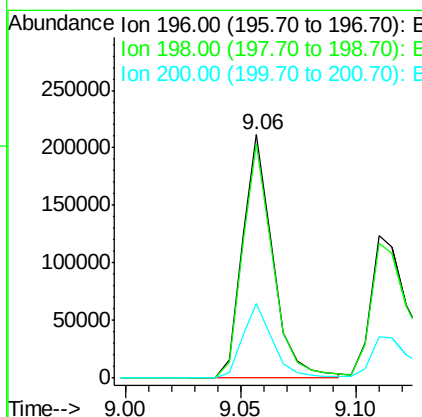
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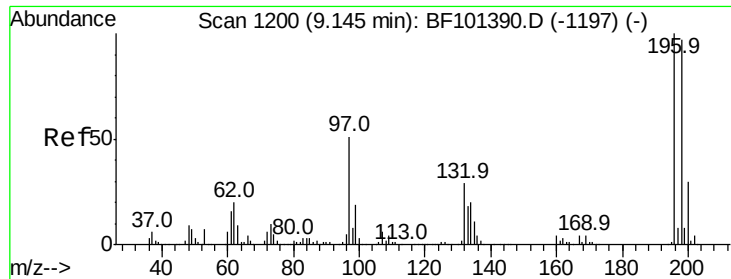
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#42  
 2,4,6-Trichlorophenol  
 Concen: 39.147 ng  
 RT: 9.06 min Scan# 1185  
 Delta R.T. -0.02 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 192407 |       |       |
| 198     | 96.4  | 75.7   | 113.5 |       |
| 200     | 30.5  | 24.5   | 36.7  |       |





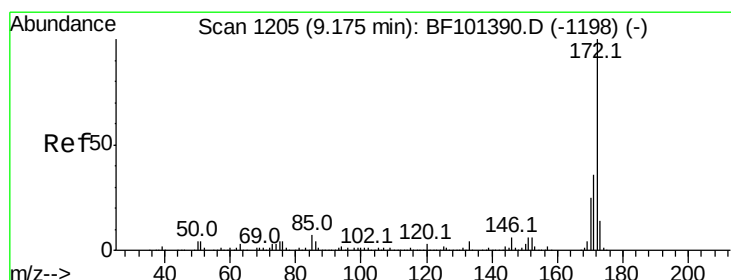
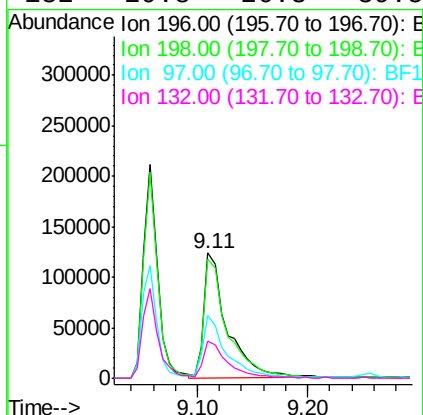
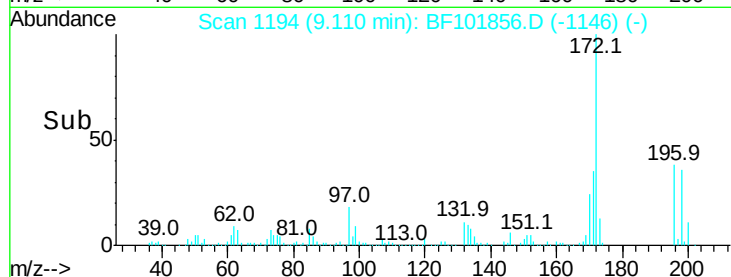
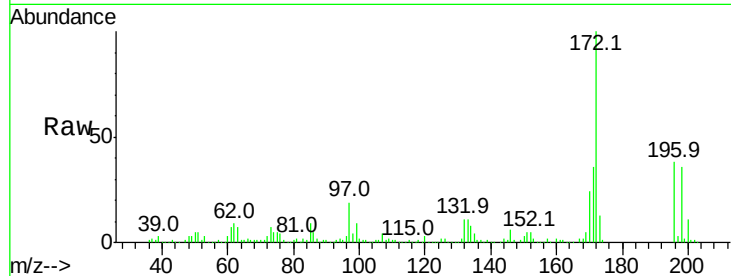
#43  
 2,4,5-Trichlorophenol  
 Concen: 33.028 ng  
 RT: 9.11 min Scan# 1194  
 Delta R.T. -0.02 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105401BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 177744 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.9  | 74.6  | 112.0  |
| 97        | 50.1  | 42.9  | 64.3   |
| 132       | 29.8  | 26.3  | 39.5   |

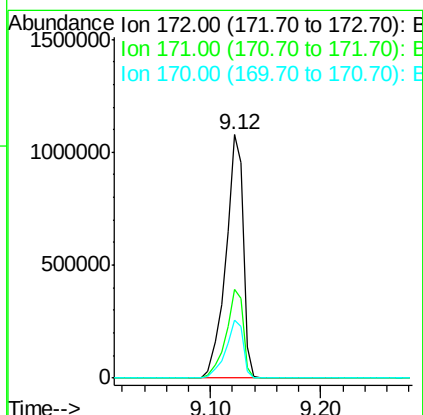
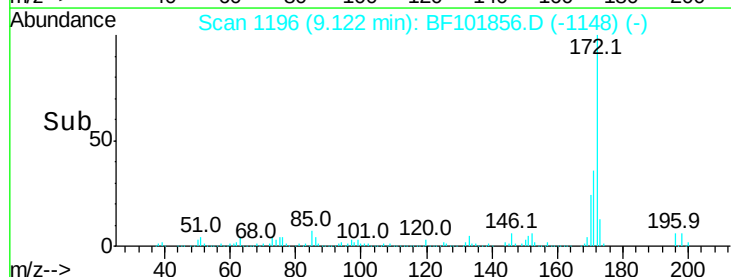
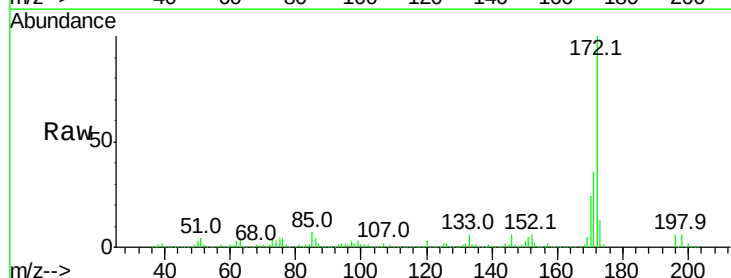
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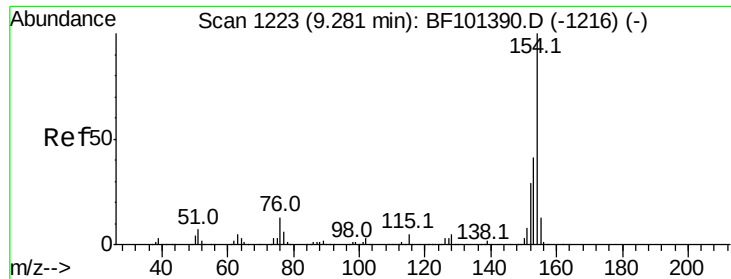
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#44  
 2-Fluorobiphenyl  
 Concen: 75.980 ng  
 RT: 9.12 min Scan# 1196  
 Delta R.T. -0.02 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 1184375 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 36.2  | 29.7  | 44.5    |
| 170       | 24.0  | 19.6  | 29.4    |





#45

1,1'-Biphenyl

Concen: 35.329 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

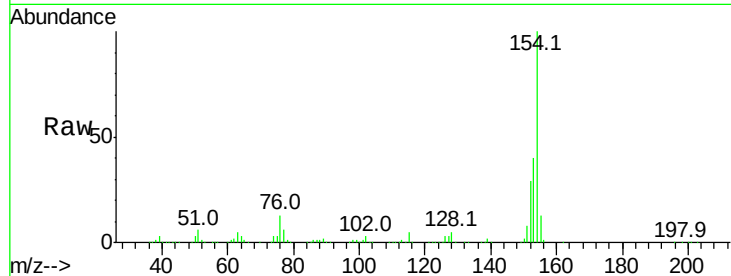
ClientSampled :

PB105401BS

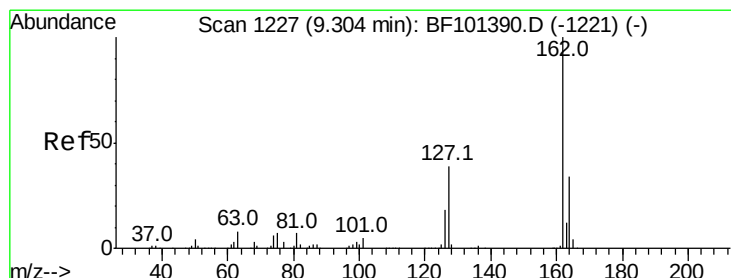
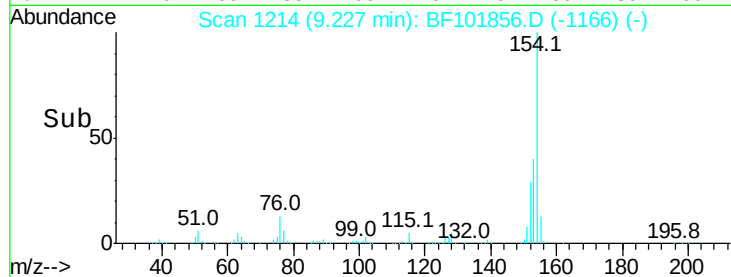
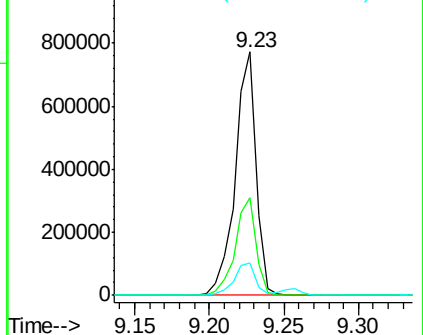
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 757626 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.9  | 21.3  | 61.3   |
| 76        | 13.2  | 0.0   | 34.0   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.997 ng

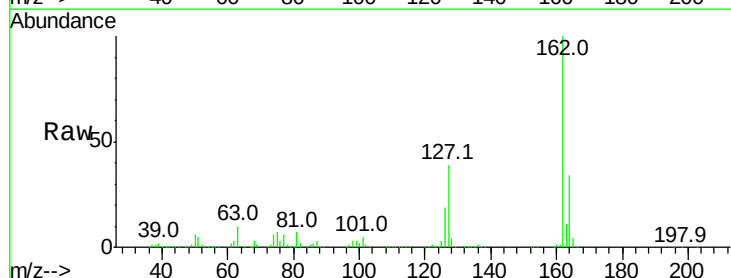
RT: 9.26 min Scan# 1219

Delta R.T. -0.02 min

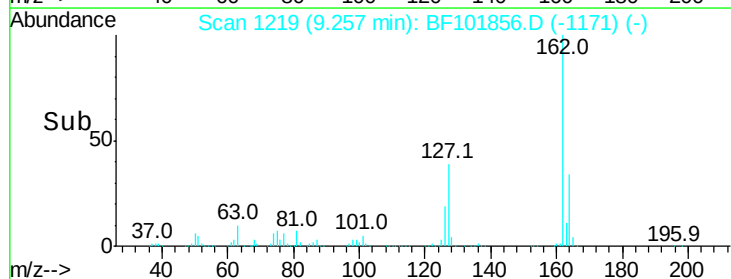
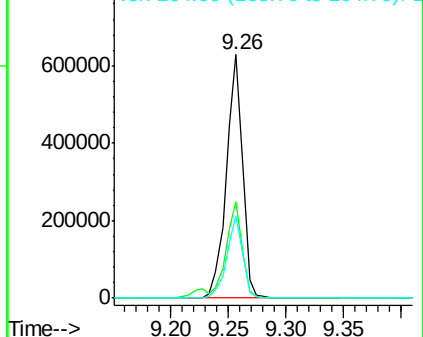
Lab File: BF101856.D

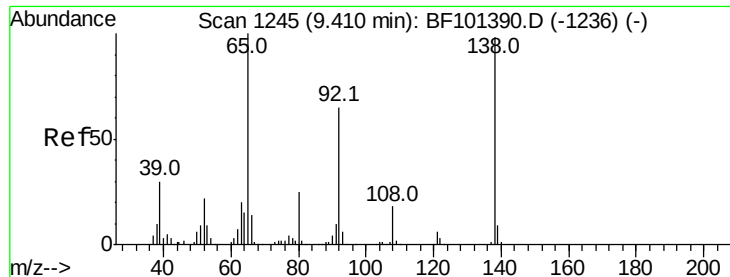
Acq: 3 Jan 2018 13:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 607068 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.4  | 33.9  | 50.9   |
| 164       | 33.8  | 26.5  | 39.7   |



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E





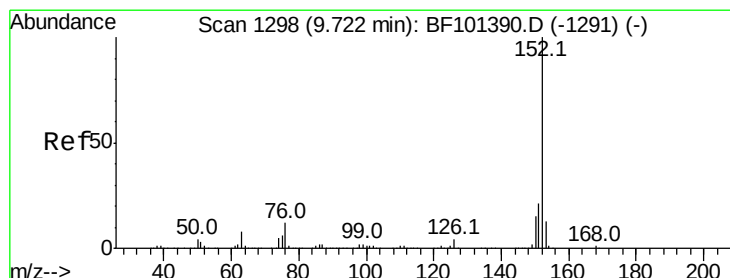
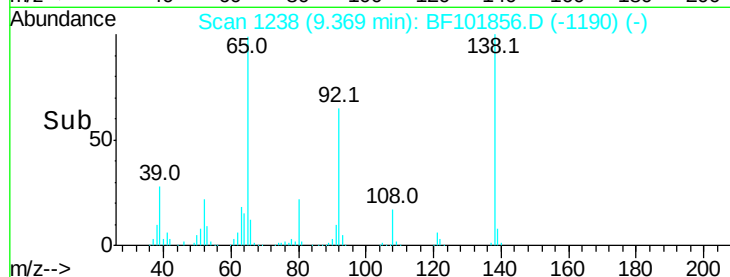
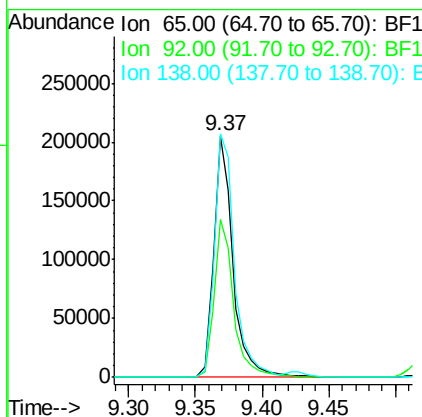
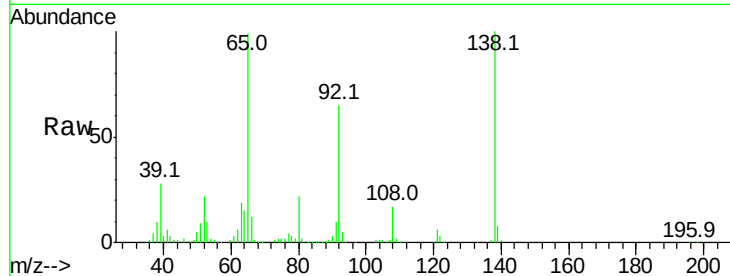
#47  
2-Nitroaniline  
Concen: 36.623 ng  
RT: 9.37 min Scan# 1238  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB105401BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.5  | 55.8  | 83.6  |
| 138     | 101.0 | 91.2  | 136.8 |

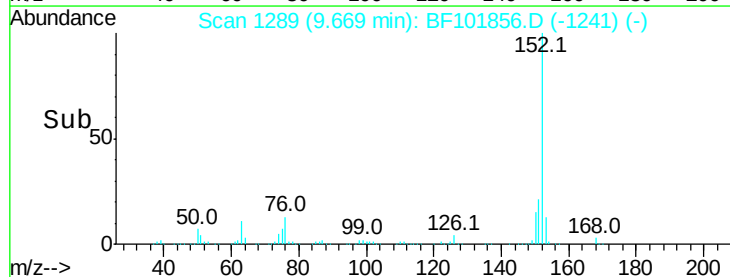
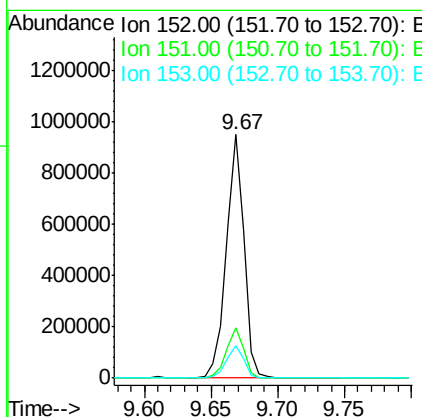
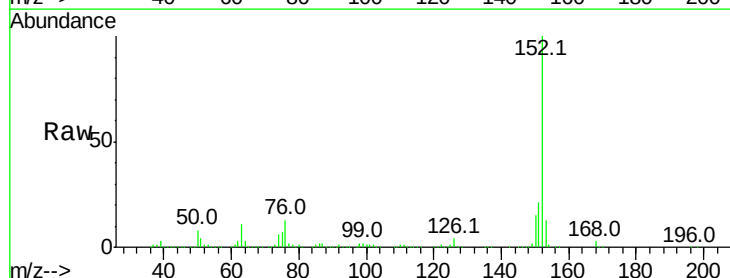
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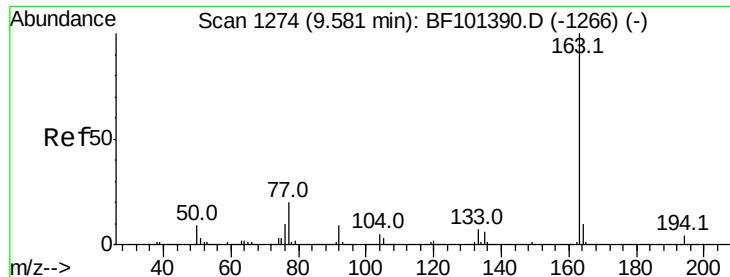
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#48  
Acenaphthylene  
Concen: 34.445 ng  
RT: 9.67 min Scan# 1289  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.5  | 16.3  | 24.5  |
| 153     | 13.4  | 10.7  | 16.1  |





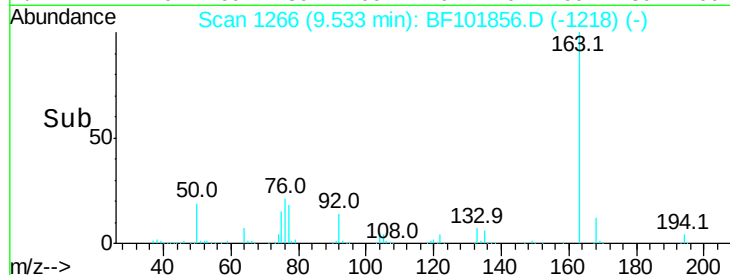
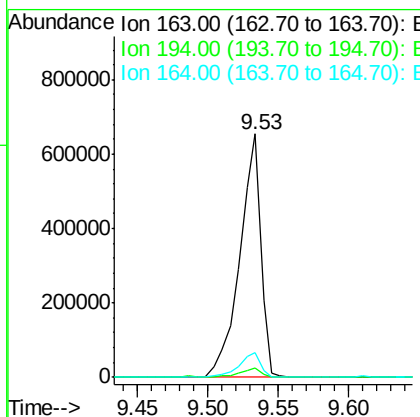
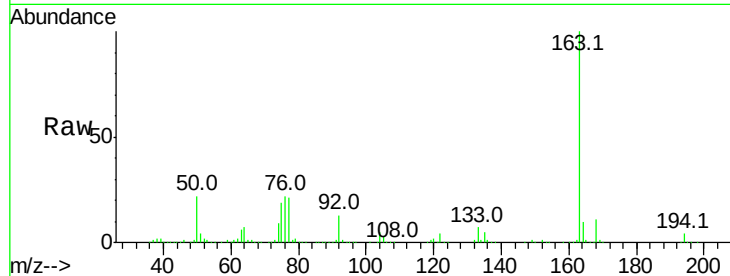
#49  
Dimethylphthalate  
Concen: 35.008 ng  
RT: 9.53 min Scan# 1266  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB105401BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.9   | 2.7        | 4.1        |
| 164     | 9.9   | 8.2        | 12.2       |

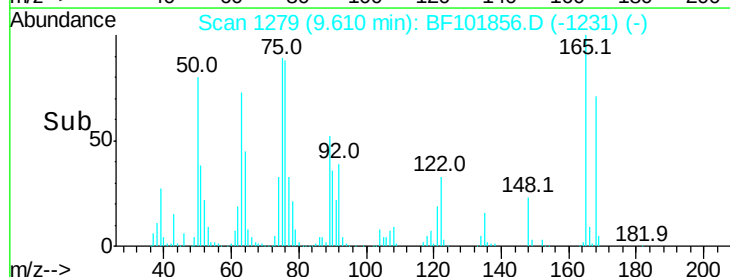
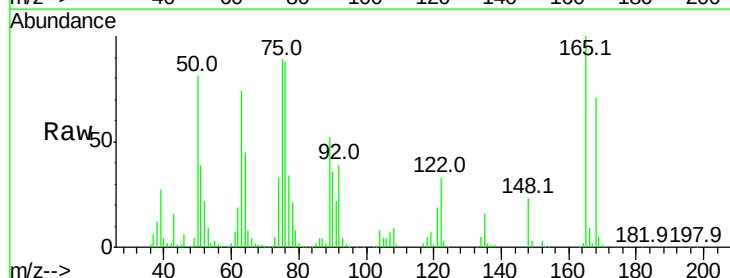
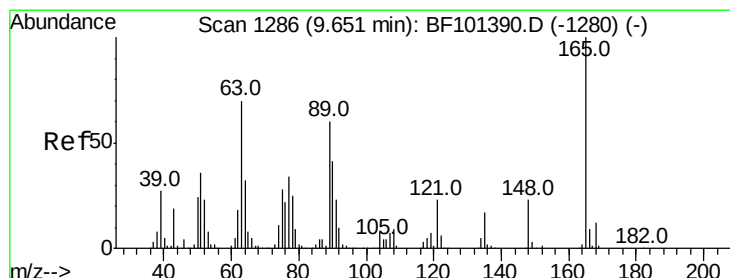
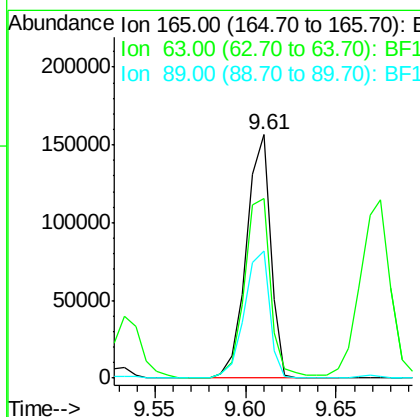
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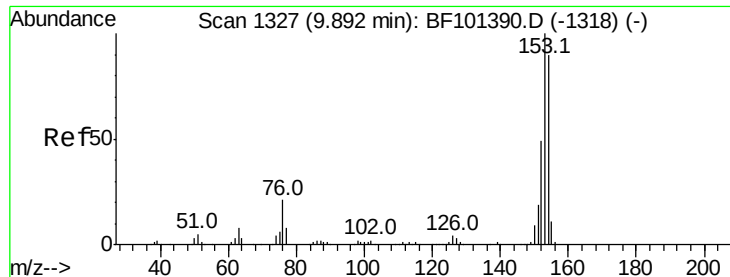
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#50  
2,6-Dinitrotoluene  
Concen: 36.881 ng  
RT: 9.61 min Scan# 1279  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 73.6  | 44.7       | 67.1#      |
| 89      | 52.1  | 44.0       | 66.0       |





#51

Acenaphthene

Concen: 34.791 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

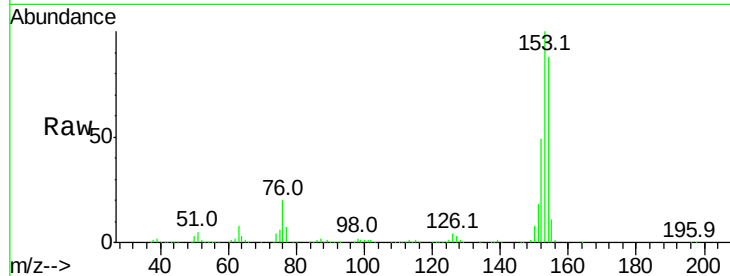
ClientSampled :

PB105401BS

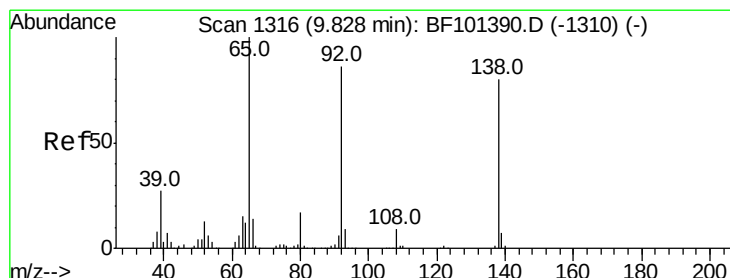
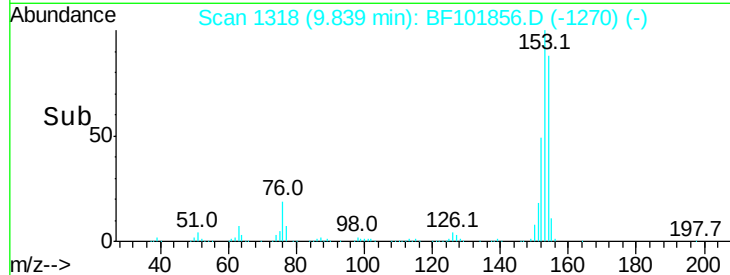
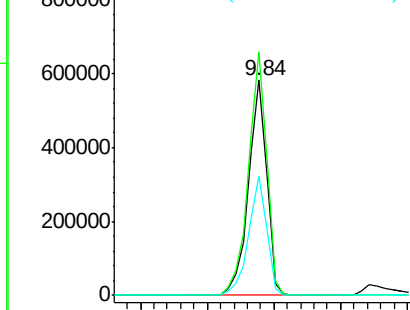
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 541717 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.2 | 91.2  | 136.8  |
| 152       | 55.3  | 43.8  | 65.8   |

Manual Integrations  
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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.667 ng

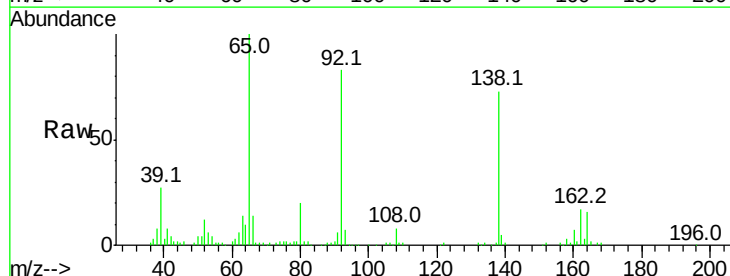
RT: 9.79 min Scan# 1309

Delta R.T. -0.02 min

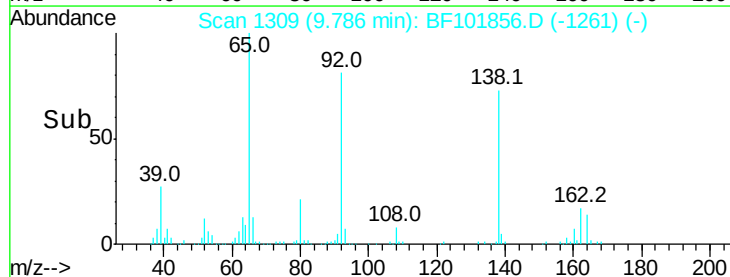
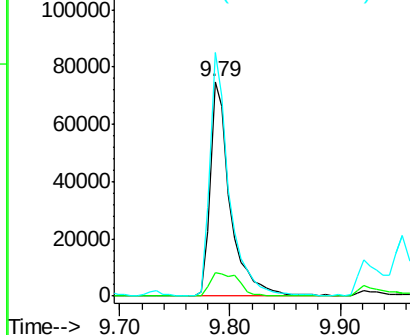
Lab File: BF101856.D

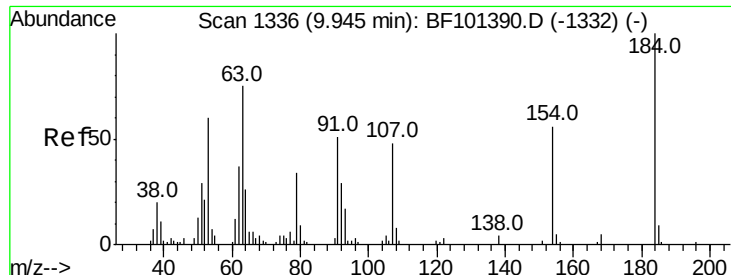
Acq: 3 Jan 2018 13:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 92000 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.9  | 9.4   | 14.0  |
| 92        | 113.6 | 89.4  | 134.2 |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1





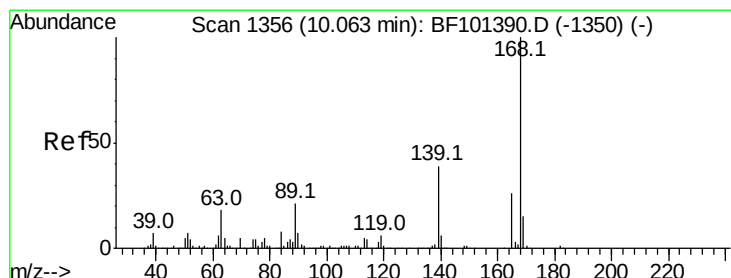
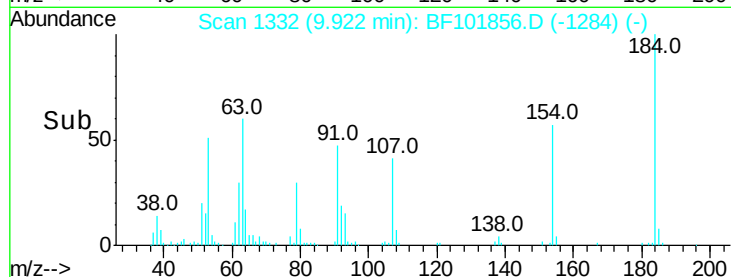
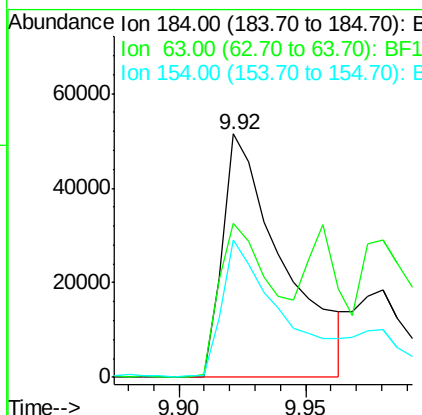
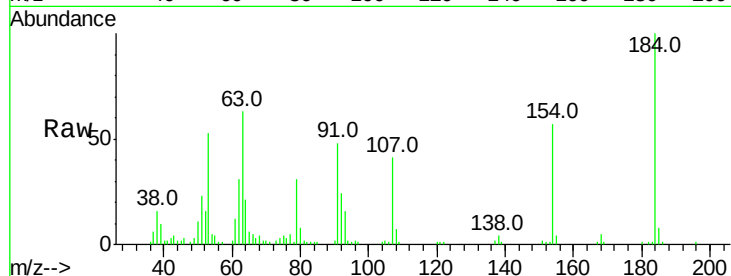
#53  
 2,4-Dinitrophenol  
 Concen: 64.336 ng  
 RT: 9.92 min Scan# 1332  
 Delta R.T. -0.02 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105401BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 63.4  | 54.2  | 81.2   |
| 154     | 56.6  | 184.0 | 276.0# |

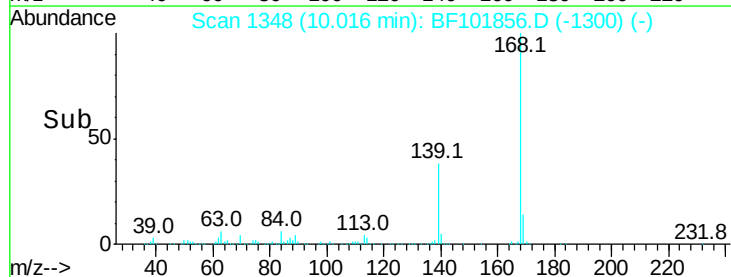
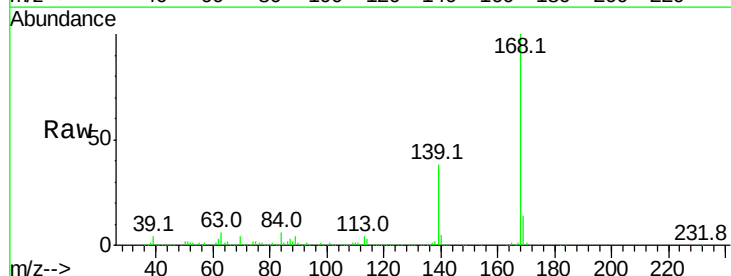
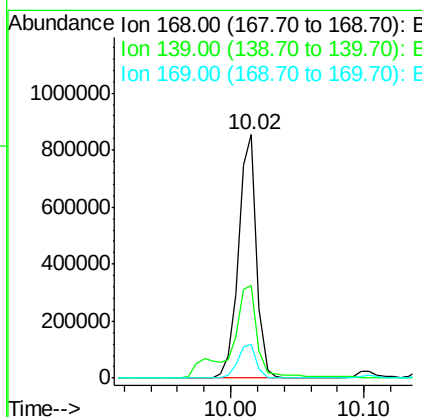
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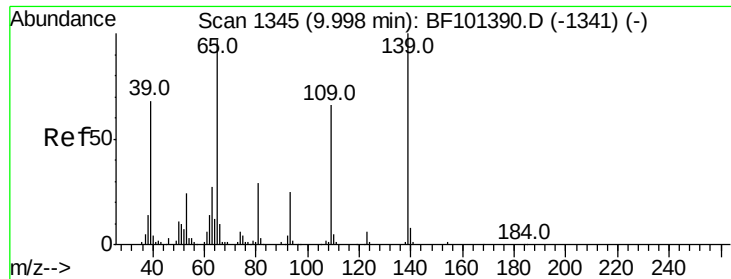
Sohil  
 1/4/2018 1:56:16 PM



#54  
 Dibenzofuran  
 Concen: 40.431 ng  
 RT: 10.02 min Scan# 1348  
 Delta R.T. -0.02 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.0  | 30.1  | 45.1  |
| 169     | 13.9  | 10.9  | 16.3  |





#55

4-Nitrophenol

Concen: 40.032 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

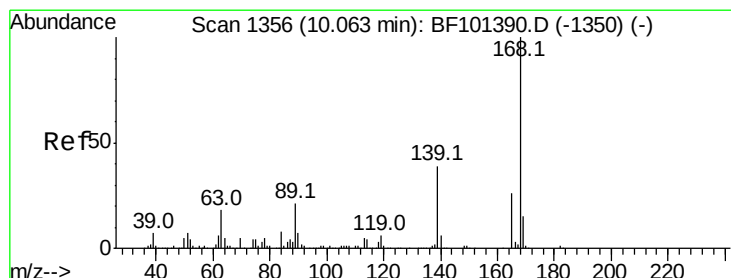
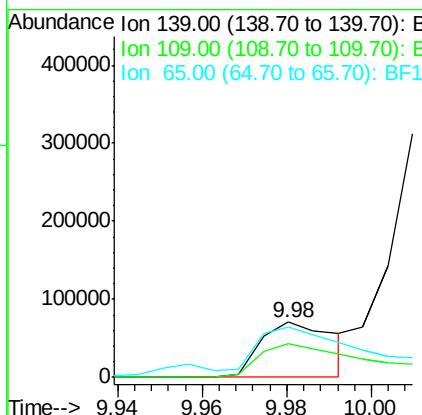
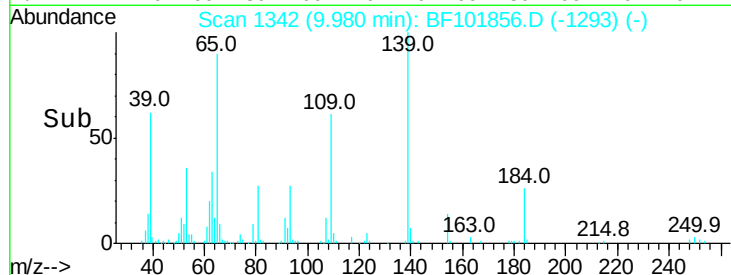
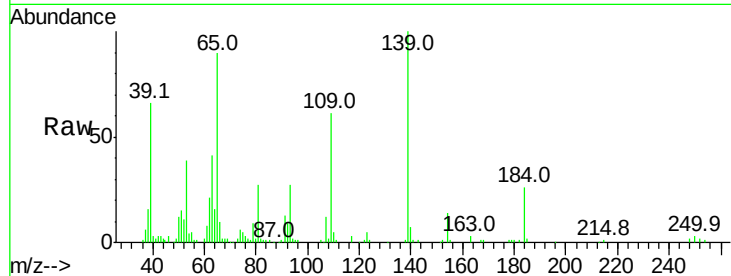
ClientSampleId :

PB105401BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 139   | Resp: | 86030 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 61.2  | 48.4  | 88.4  |
| 65        | 90.3  | 72.6  | 112.6 |

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#56

2,4-Dinitrotoluene

Concen: 47.132 ng

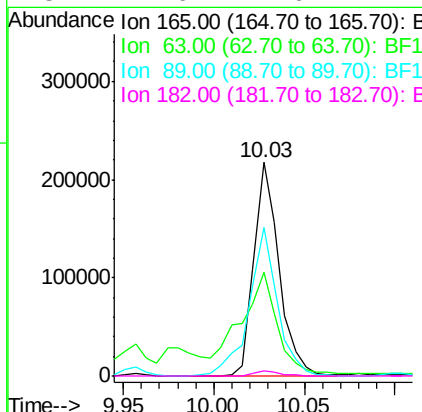
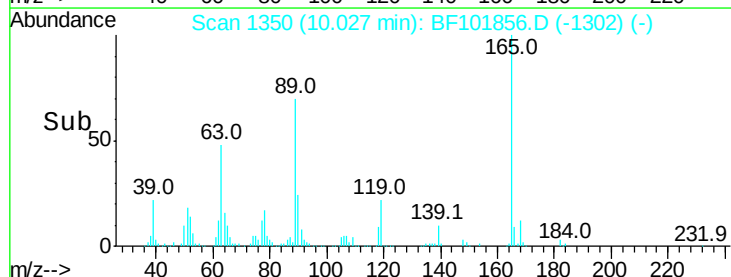
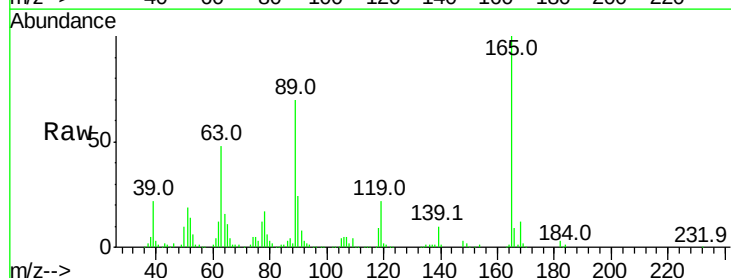
RT: 10.03 min Scan# 1350

Delta R.T. -0.02 min

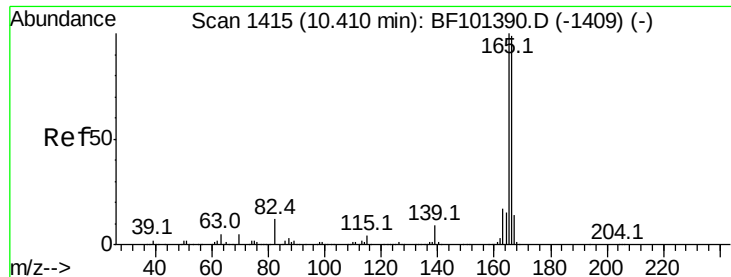
Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 209916 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 48.3  | 36.4  | 54.6   |
| 89        | 69.5  | 57.8  | 86.6   |
| 182       | 2.6   | 1.6   | 2.4#   |







#57

Fluorene

Concen: 37.805 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

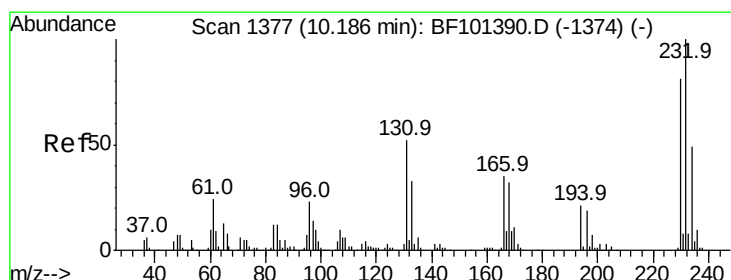
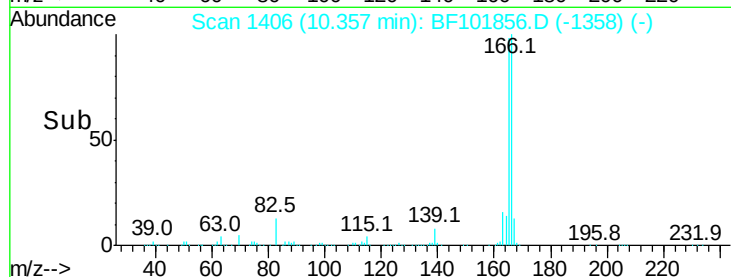
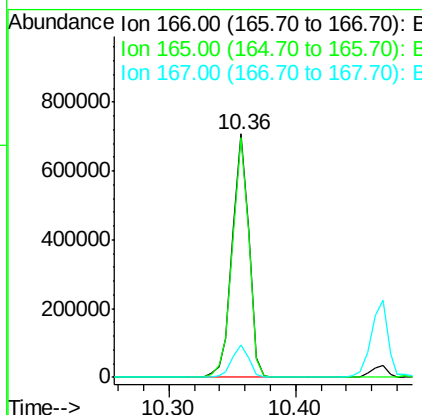
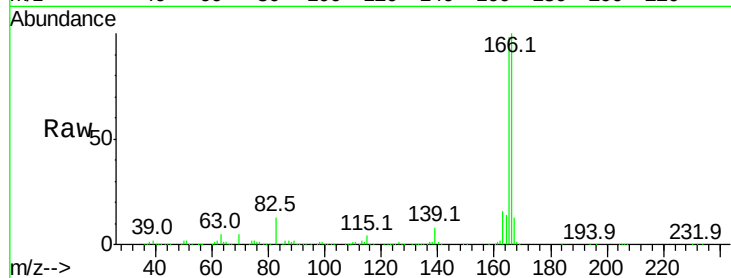
ClientSampleId :

PB105401BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 632838 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.4  | 79.8  | 119.8  |
| 167       | 13.4  | 10.6  | 16.0   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.969 ng

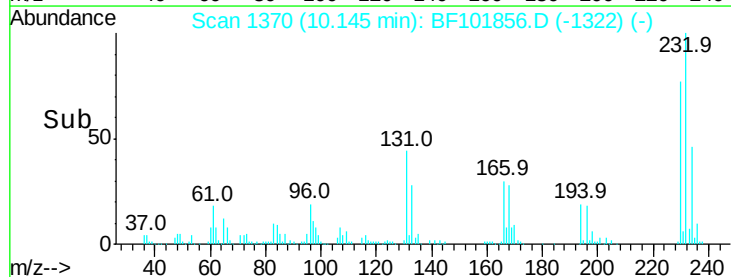
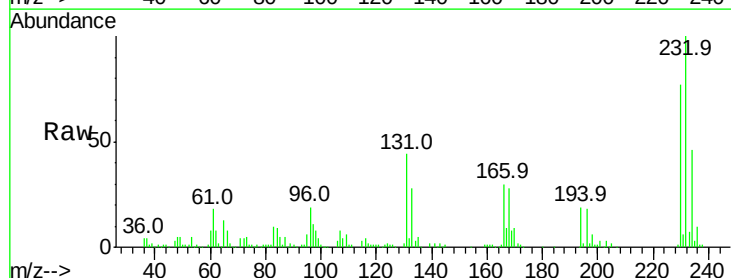
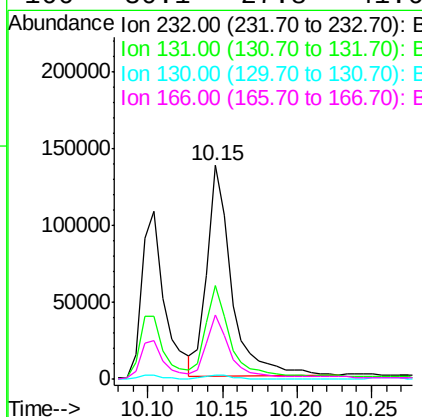
RT: 10.15 min Scan# 1370

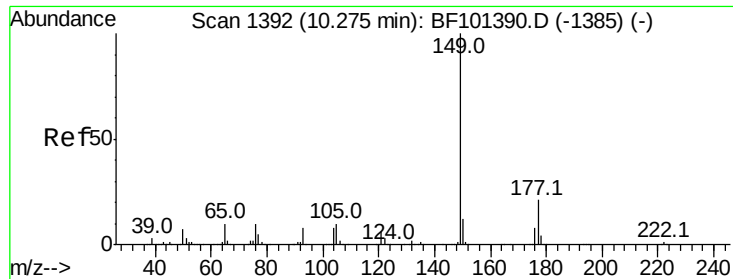
Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 158405 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 41.7  | 43.8  | 65.8#  |
| 130       | 2.3   | 2.1   | 3.1    |
| 166       | 30.1  | 27.8  | 41.6   |





#59

Diethylphthalate

Concen: 35.075 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

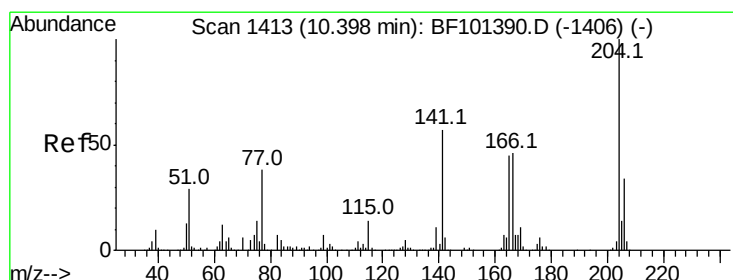
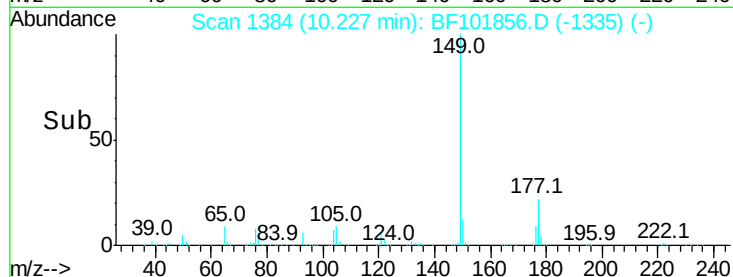
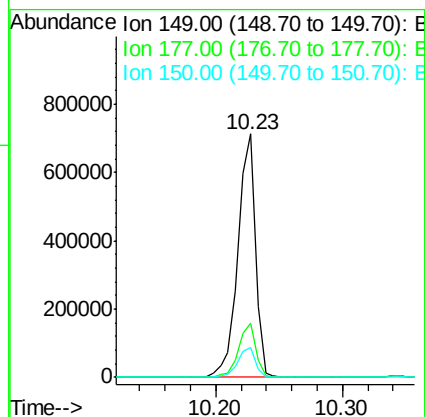
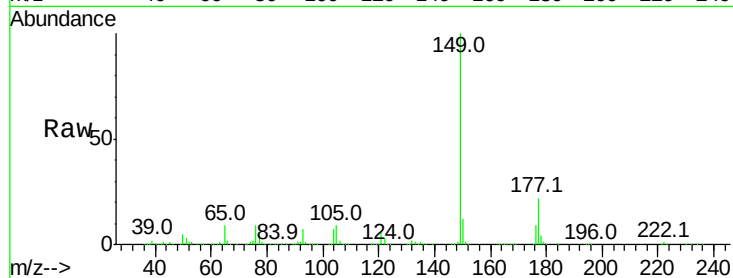
ClientSampleId :

PB105401BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 675578 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 22.3  | 16.1  | 24.1   |
| 150       | 12.2  | 10.1  | 15.1   |

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#60

4-Chlorophenyl-phenylether

Concen: 38.592 ng

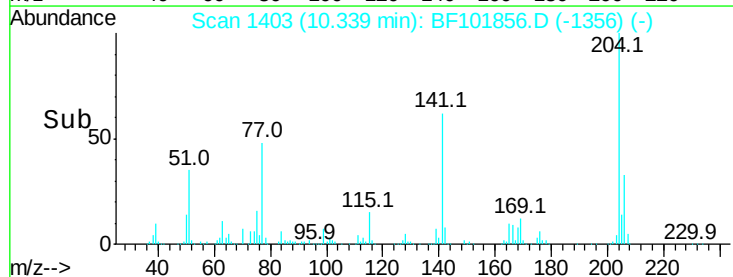
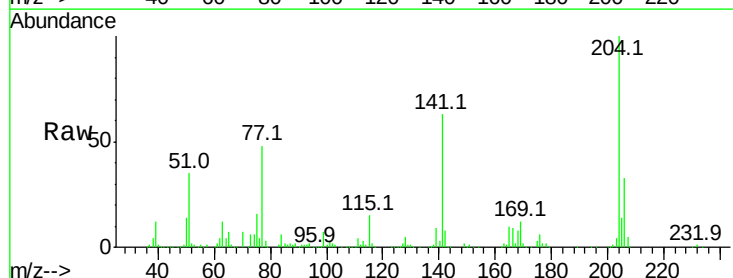
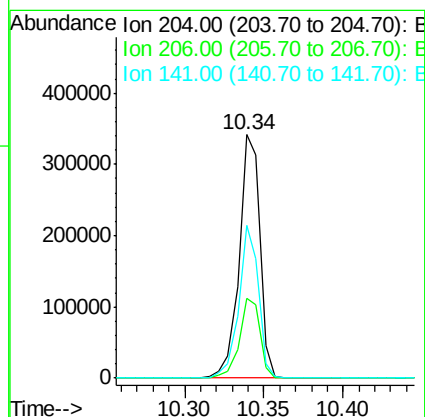
RT: 10.34 min Scan# 1403

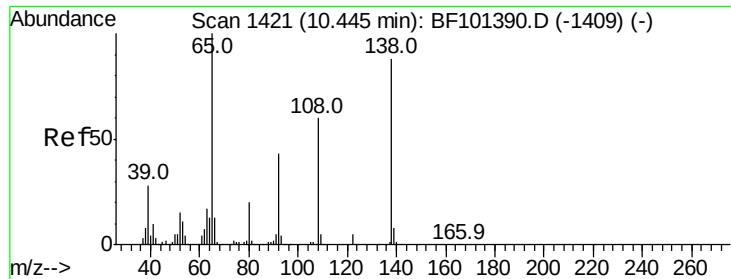
Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 309607 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.8  | 26.5  | 39.7   |
| 141       | 62.6  | 54.6  | 81.8   |





#61

4-Nitroaniline

Concen: 30.102 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

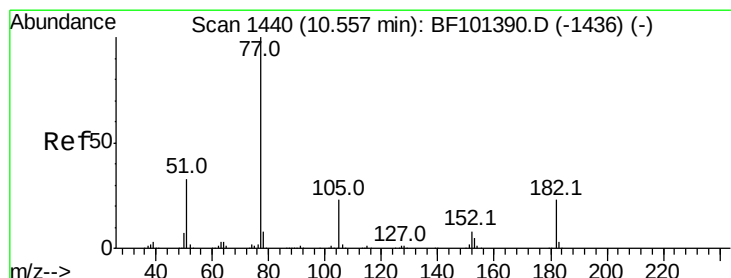
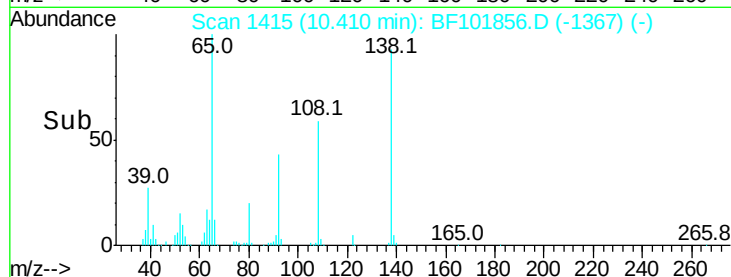
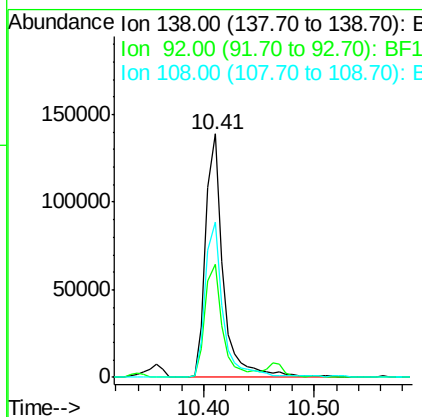
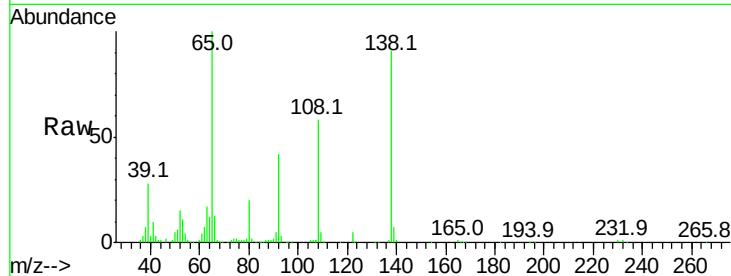
ClientSampleId :

PB105401BS

|             |       |        |
|-------------|-------|--------|
| Tot Ion:138 | Resp: | 149122 |
| Ion Ratio   | Lower | Upper  |
| 138 100     |       |        |
| 92 46.5     | 30.2  | 70.2   |
| 108 63.8    | 52.5  | 92.5   |

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#62

Azobenzene

Concen: 34.203 ng

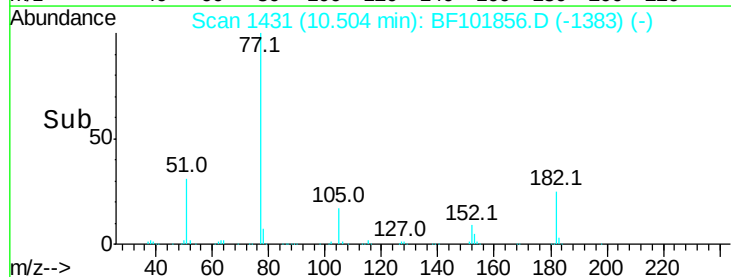
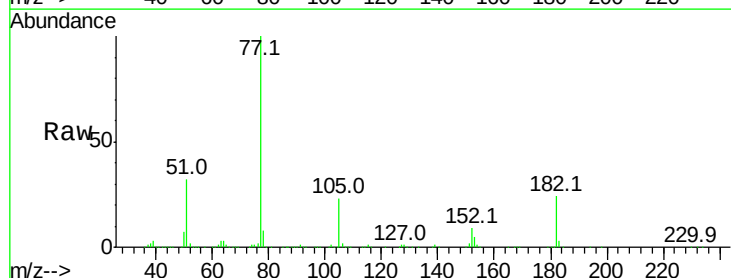
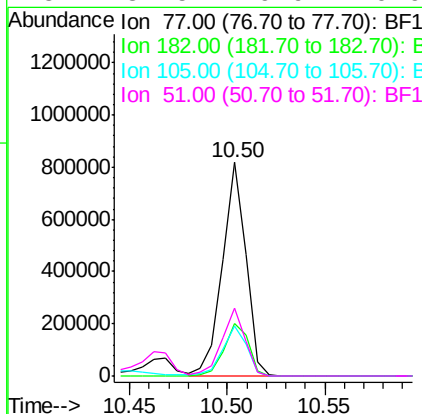
RT: 10.50 min Scan# 1431

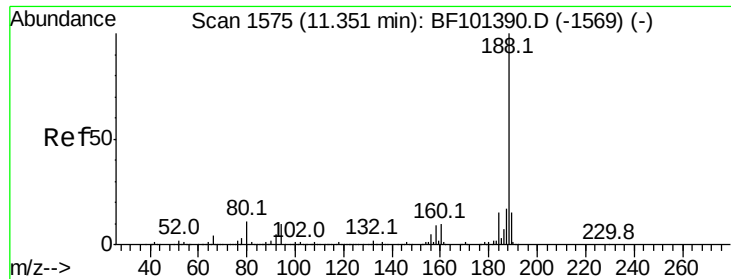
Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

|             |       |        |
|-------------|-------|--------|
| Tgt Ion: 77 | Resp: | 682455 |
| Ion Ratio   | Lower | Upper  |
| 77 100      |       |        |
| 182 24.3    | 1.7   | 41.7   |
| 105 23.3    | 3.0   | 43.0   |
| 51 31.5     | 9.9   | 49.9   |





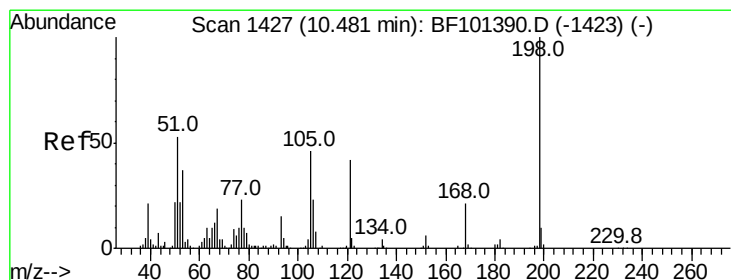
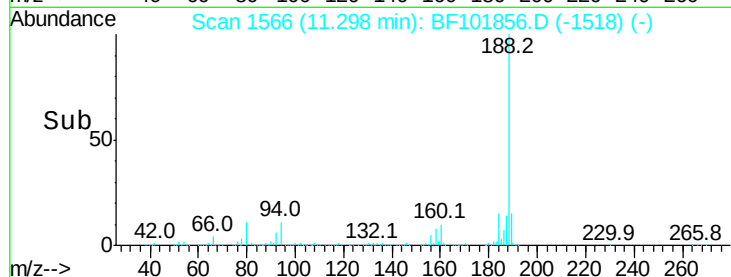
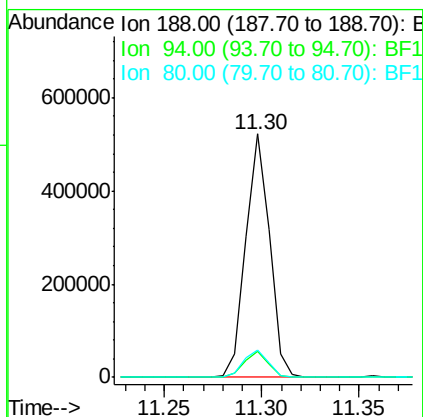
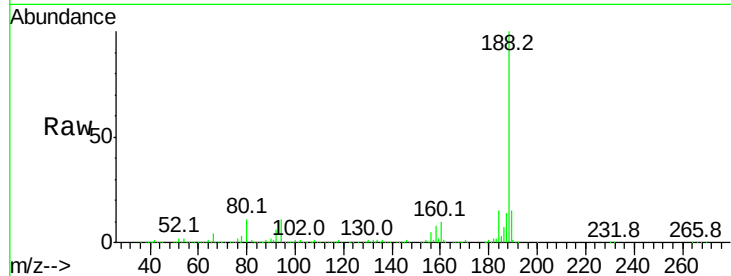
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.30 min Scan# 1566  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB105401BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 443447 |       |       |
| 94      | 10.8  |        | 8.5   | 12.7  |
| 80      | 11.5  |        | 9.2   | 13.8  |

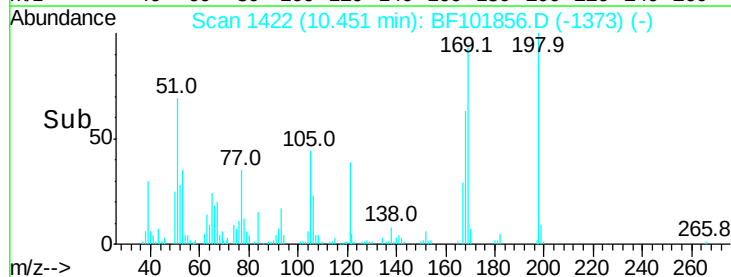
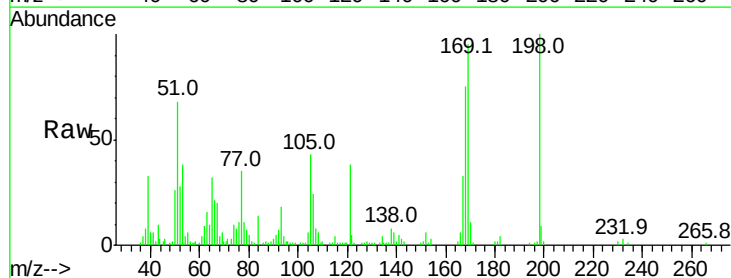
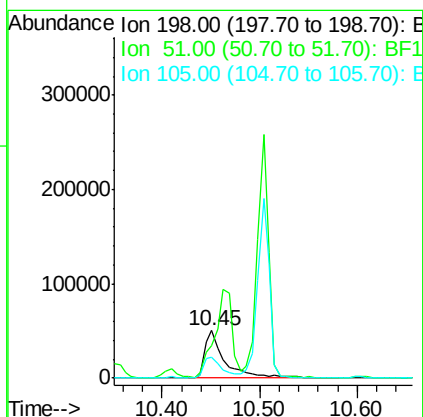
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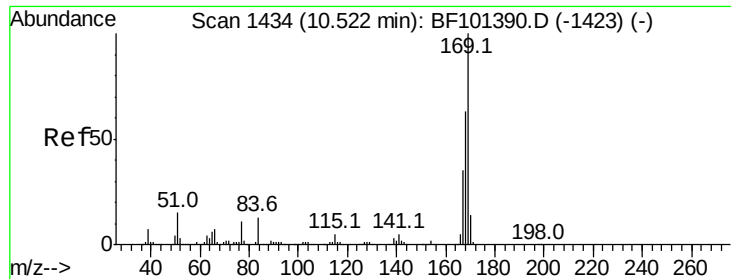
Sohil  
1/4/2018 1:56:16 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 32.255 ng  
RT: 10.45 min Scan# 1422  
Delta R.T. -0.01 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 72992 |       |       |
| 51      | 68.3  |       | 37.7  | 77.7  |
| 105     | 42.8  |       | 36.3  | 76.3  |





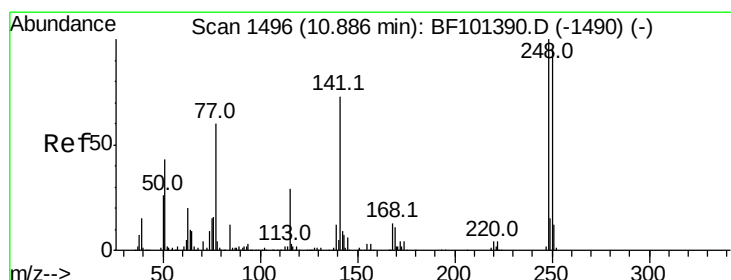
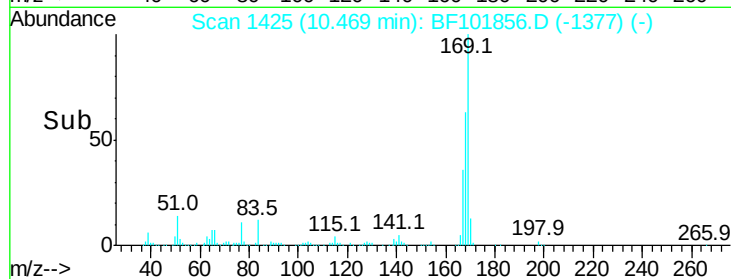
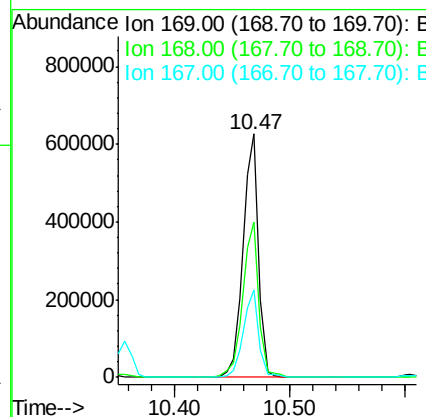
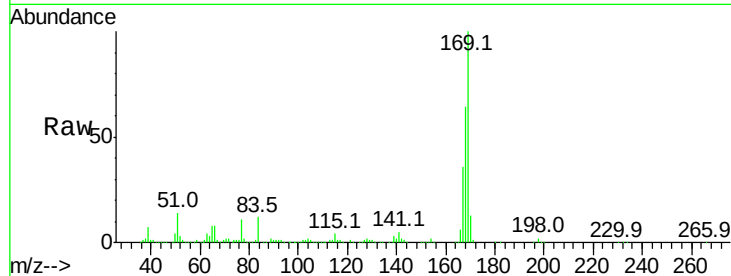
#65  
n-Nitrosodiphenylamine  
Concen: 35.225 ng  
RT: 10.47 min Scan# 1425  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB105401BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 576772 |       |       |
| 168     | 63.6  |        | 54.4  | 81.6  |
| 167     | 35.7  |        | 29.8  | 44.6  |

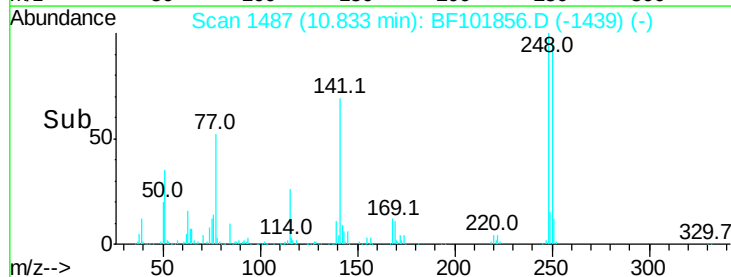
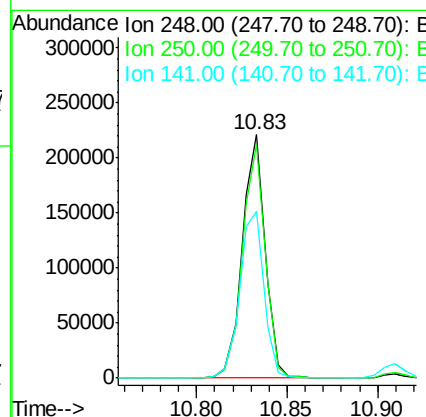
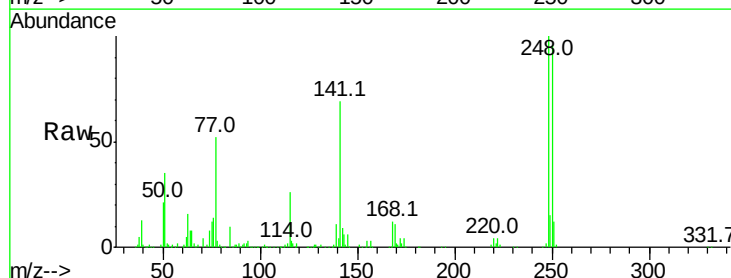
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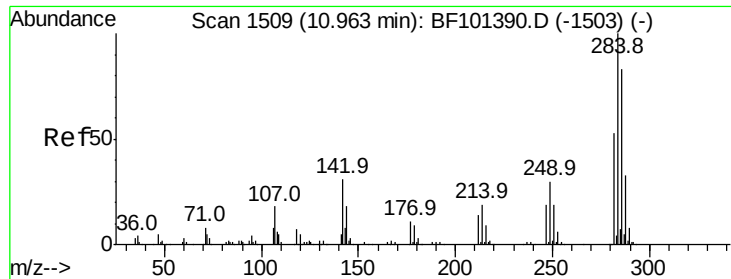
Sohil  
1/4/2018 1:56:16 PM



#66  
4-Bromophenyl-phenylether  
Concen: 38.765 ng  
RT: 10.83 min Scan# 1487  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Resp   | Lower | Upper  |
|---------|-------|--------|-------|--------|
| 248     | 100   | 193155 |       |        |
| 250     | 95.7  |        | 76.9  | 115.3  |
| 141     | 68.7  |        | 74.4  | 111.6# |





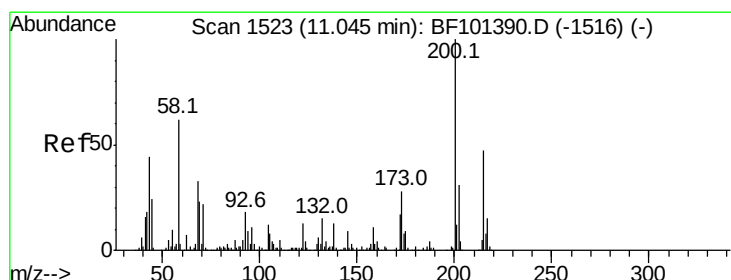
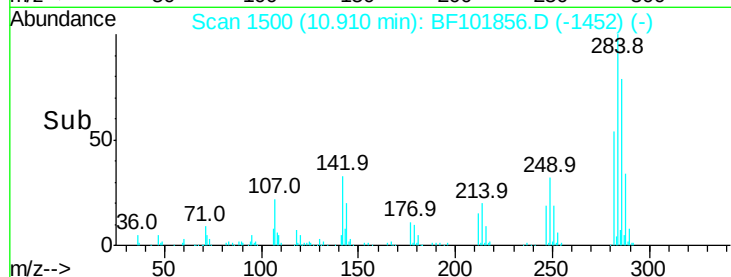
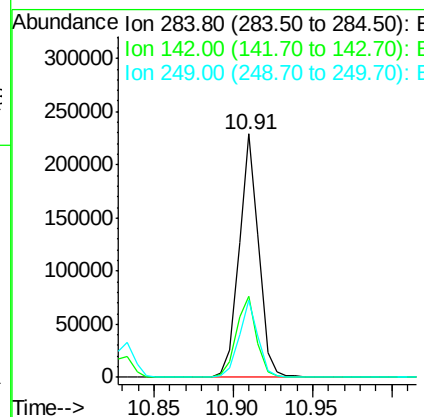
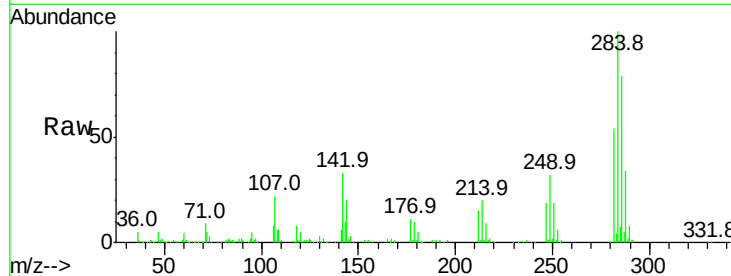
#67  
Hexachlorobenzene  
Concen: 37.043 ng  
RT: 10.91 min Scan# 1500  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB105401BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 33.2  | 34.6 | 52.0# |       |
| 249     | 31.8  | 24.8 | 37.2  |       |

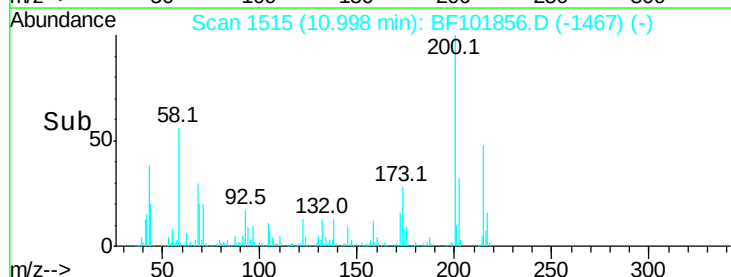
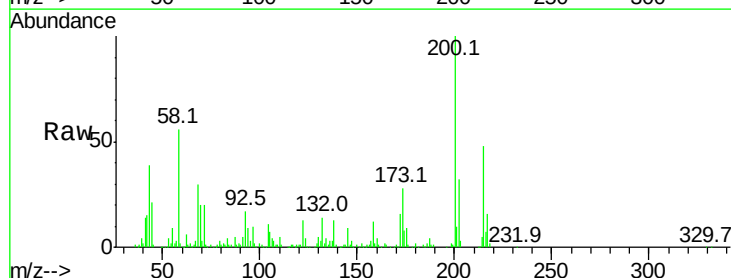
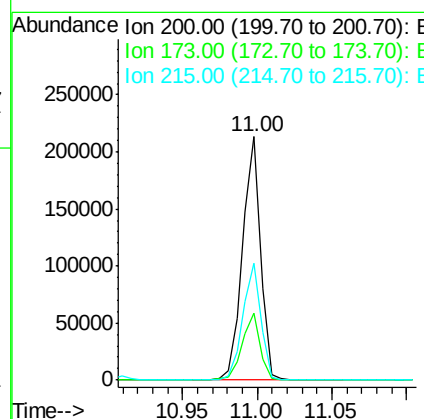
Manual Integrations  
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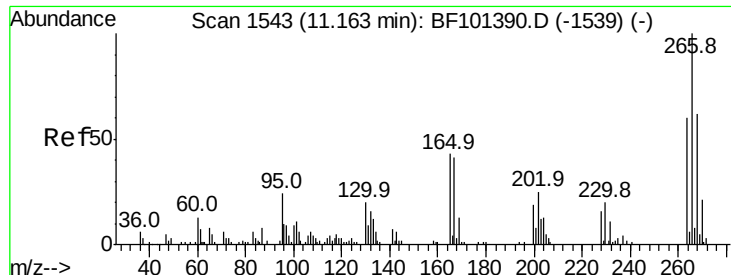
Sohil  
1/4/2018 1:56:16 PM



#68  
Atrazine  
Concen: 37.168 ng  
RT: 11.00 min Scan# 1515  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 27.7  | 8.6  | 48.6  |       |
| 215     | 48.1  | 25.1 | 65.1  |       |





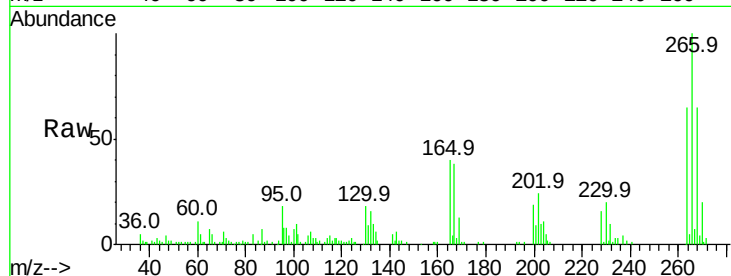
#69  
 Pentachlorophenol  
 Concen: 62.350 ng  
 RT: 11.12 min Scan# 1536  
 Delta R.T. -0.02 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105401BS

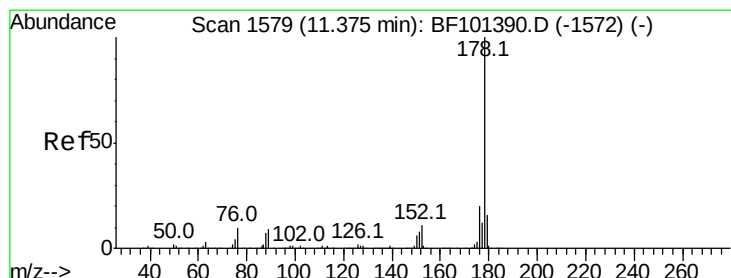
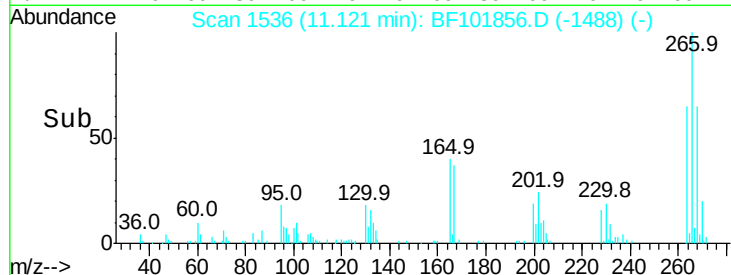
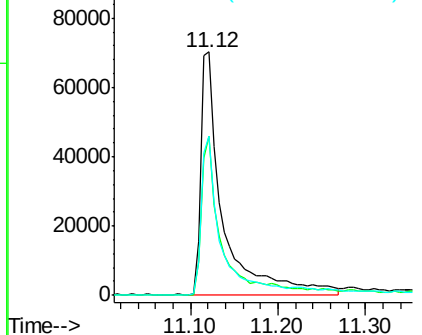
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 124632 |       |       |
| 268     | 65.4  | 51.1   | 76.7  |       |
| 264     | 65.2  | 49.5   | 74.3  |       |

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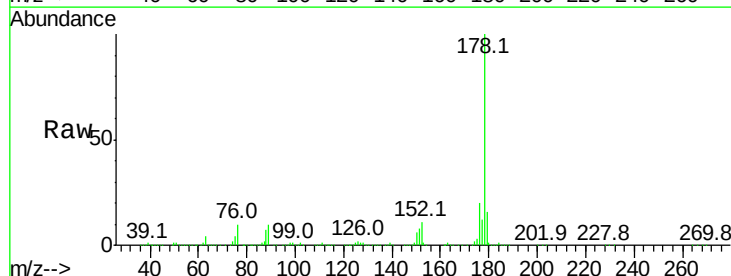


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

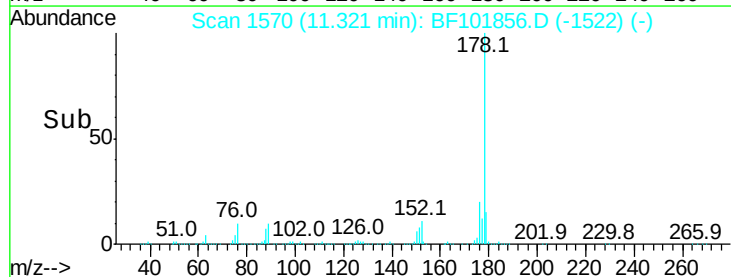
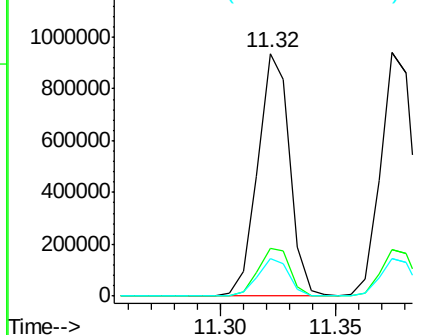


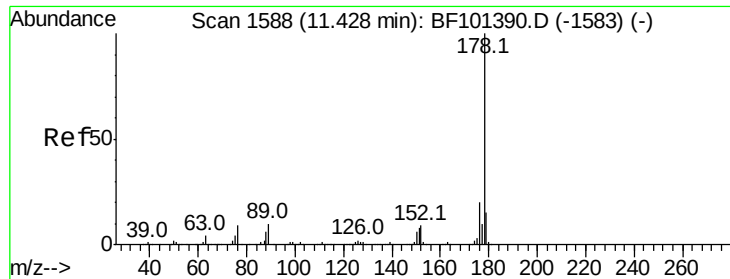
#70  
 Phenanthrene  
 Concen: 36.605 ng  
 RT: 11.32 min Scan# 1570  
 Delta R.T. -0.02 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 902711 |       |       |
| 176     | 19.6  | 15.8   | 23.8  |       |
| 179     | 15.6  | 13.0   | 19.6  |       |



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





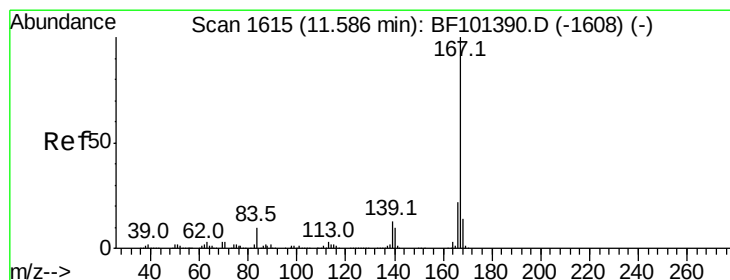
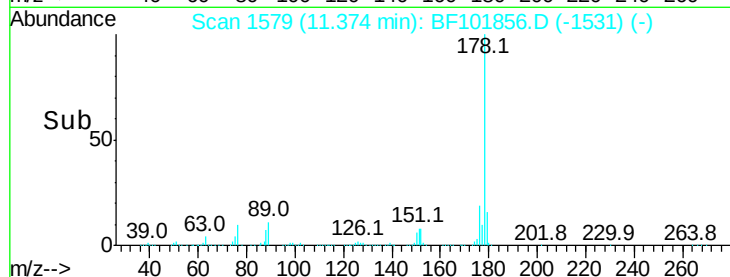
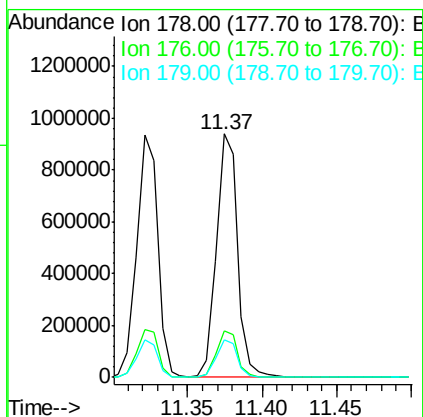
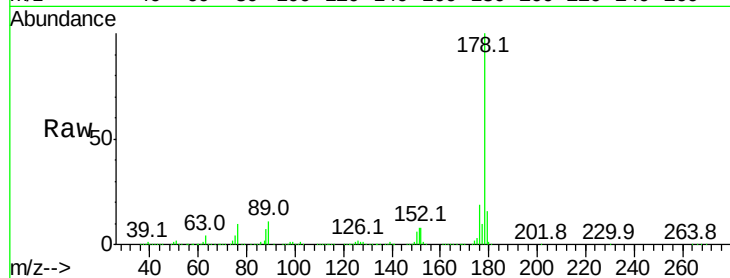
#71  
 Anthracene  
 Concen: 37.110 ng  
 RT: 11.37 min Scan# 1579  
 Delta R.T. -0.02 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105401BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 15.4  | 23.2  |
| 179     | 15.6  | 12.6  | 19.0  |

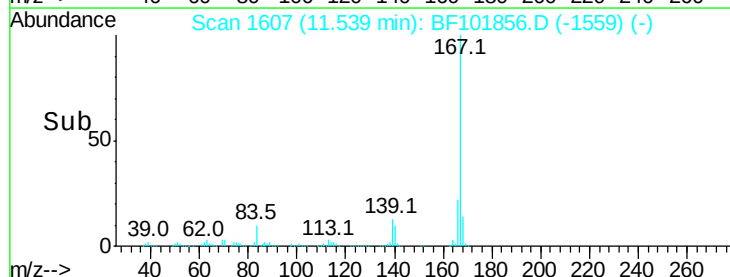
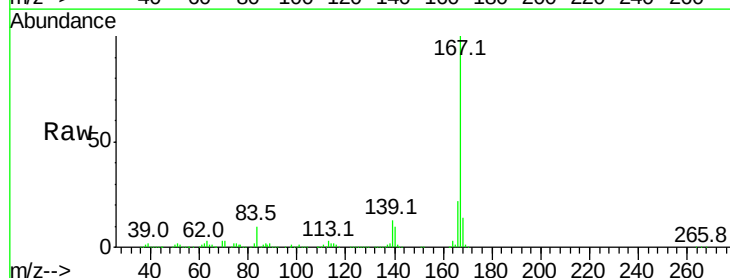
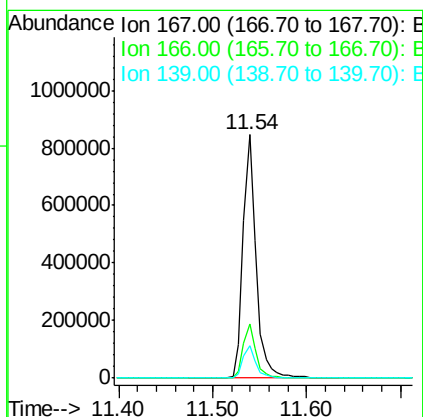
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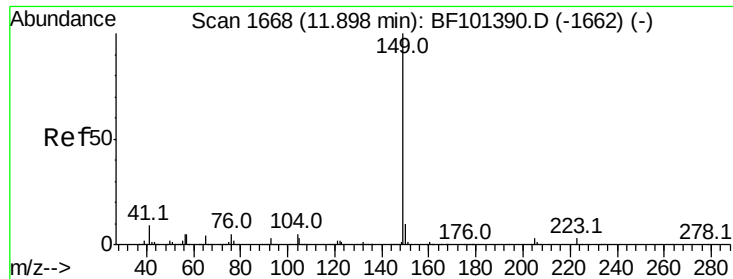


#72  
 Carbazole  
 Concen: 34.476 ng  
 RT: 11.54 min Scan# 1607  
 Delta R.T. -0.02 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.4  | 17.6  | 26.4  |
| 139     | 13.3  | 10.9  | 16.3  |







#73

Di-n-butylphthalate

Concen: 35.623 ng

RT: 11.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

ClientSampleId :

PB105401BS

Tot Ion:149 Resp: 1019715

Ion Ratio Lower Upper

149 100

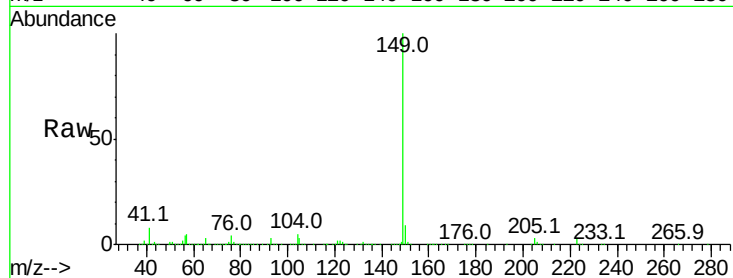
150 9.2 7.8 11.6

104 4.8 3.8 5.8

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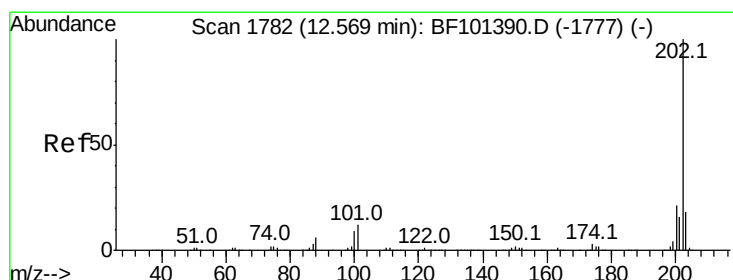
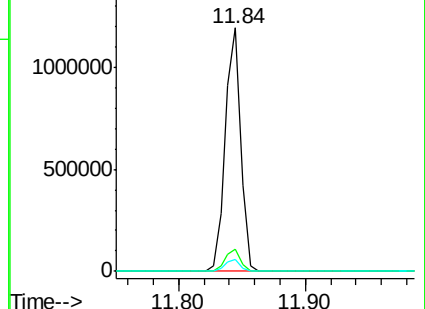
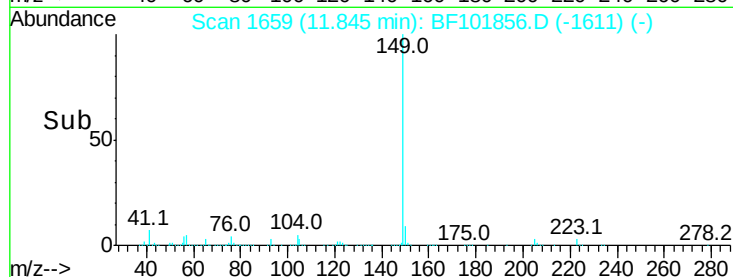
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.828 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

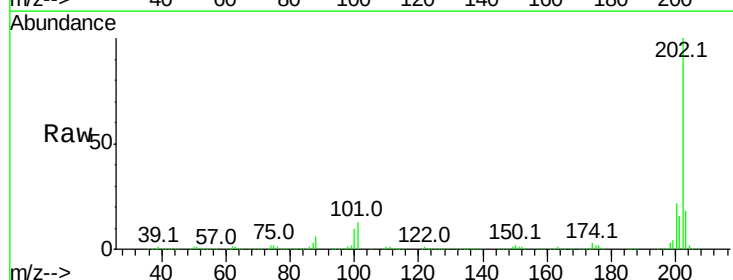
Tgt Ion:202 Resp: 901510

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

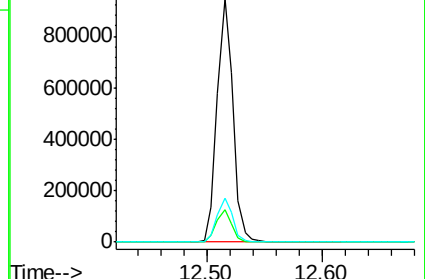
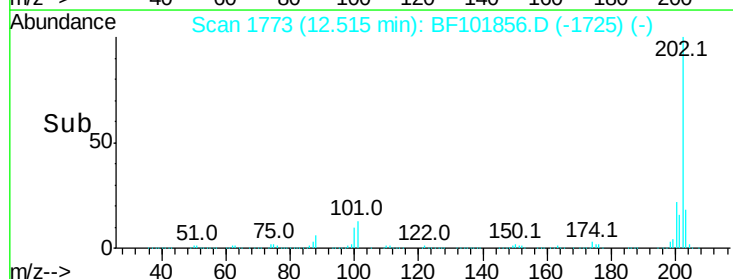
203 18.3 0.0 38.1

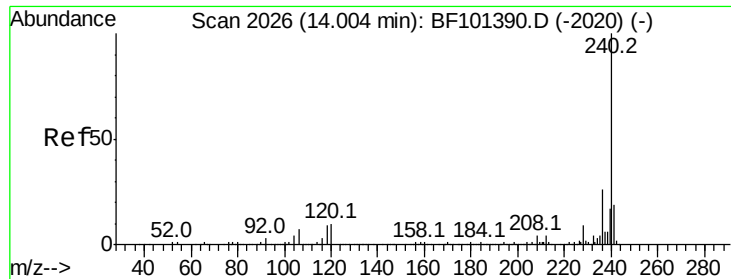


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

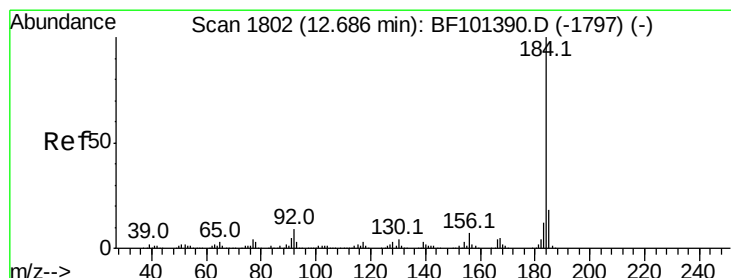
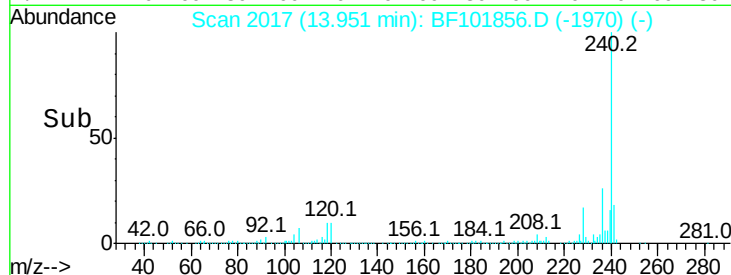
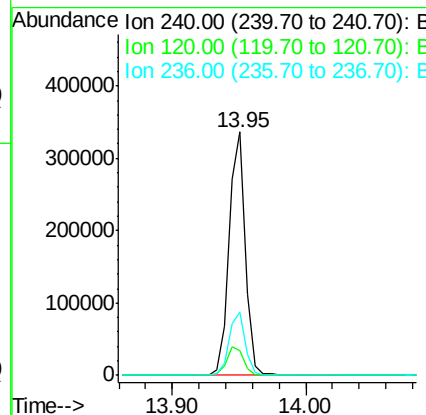
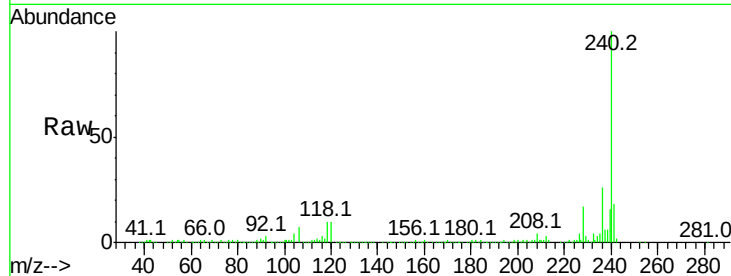
ClientSampleId :

PB105401BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 288789 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 10.4  | 9.5   | 14.3   |
| 236       | 26.0  | 20.7  | 31.1   |

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#76

Benzidine

Concen: 7.307 ng

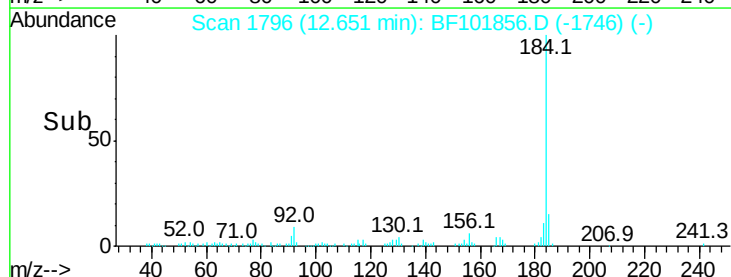
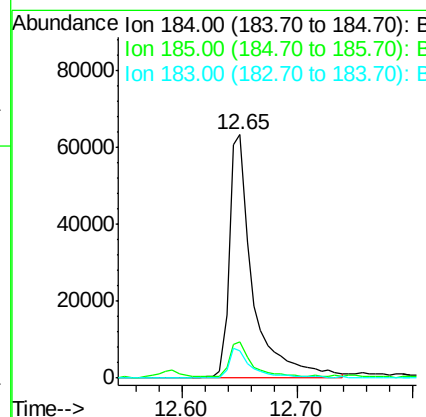
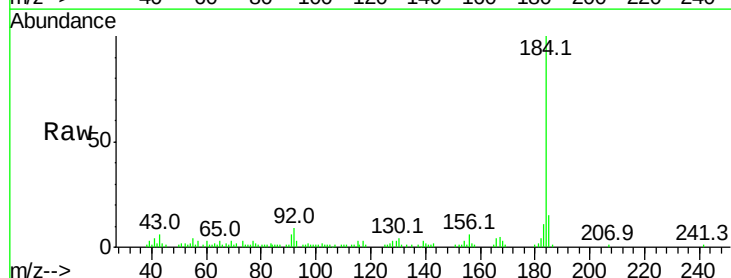
RT: 12.65 min Scan# 1796

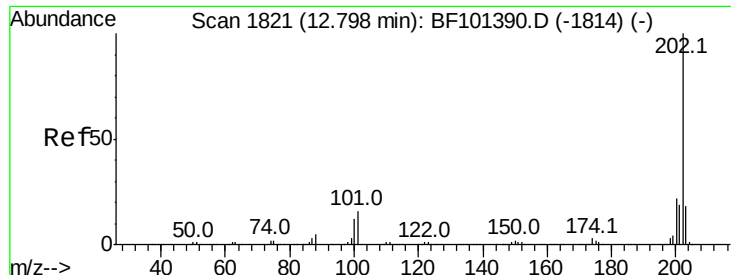
Delta R.T. -0.01 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 184   | Resp: | 89122 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 15.0  | 12.6  | 18.8  |
| 183       | 11.0  | 9.3   | 13.9  |





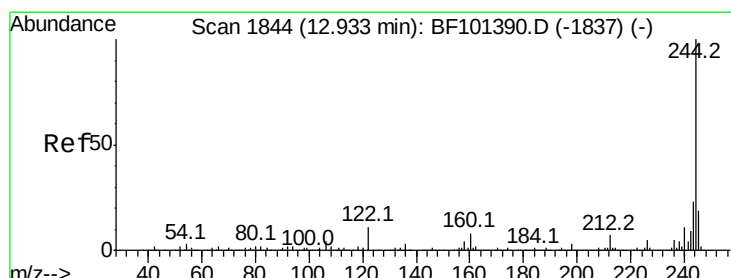
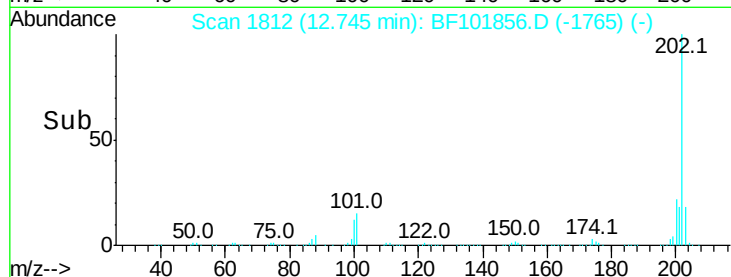
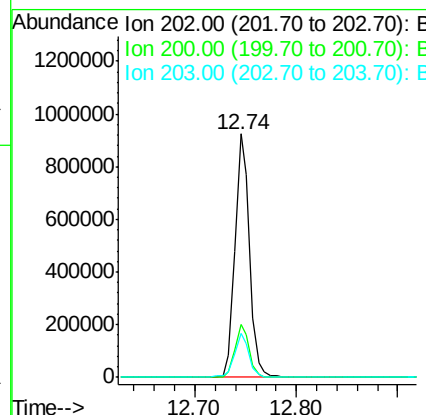
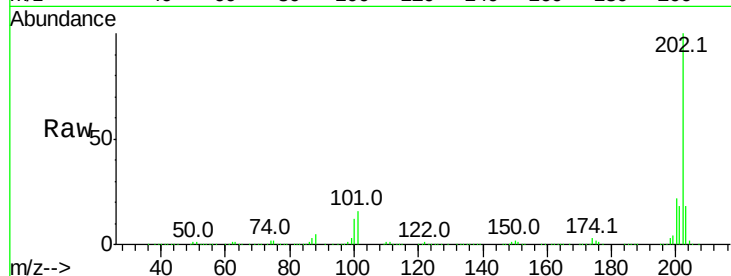
#77  
Pvrene  
Concen: 42.310 ng  
RT: 12.74 min Scan# 1812  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB105401BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 916997 |       |       |
| 200     | 21.7  |        | 17.4  | 26.2  |
| 203     | 18.2  |        | 14.3  | 21.5  |

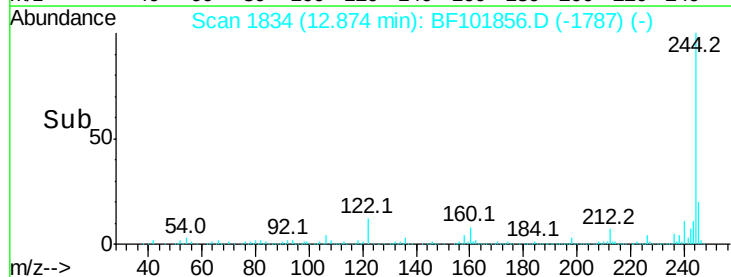
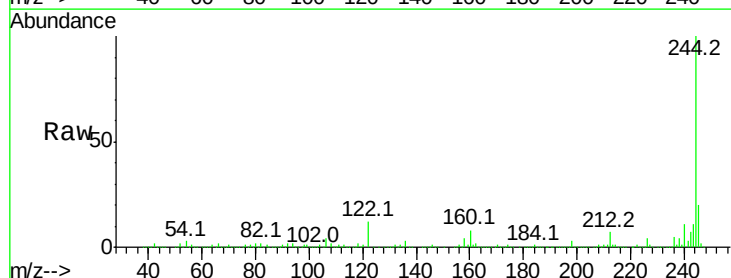
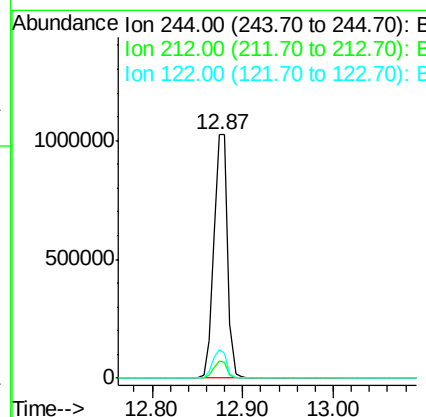
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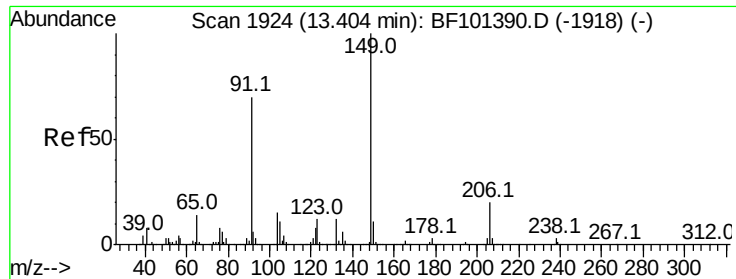
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#78  
Terphenyl-d14  
Concen: 91.428 ng  
RT: 12.87 min Scan# 1834  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 244     | 100   | 1095233 |       |       |
| 212     | 7.2   |         | 5.4   | 8.0   |
| 122     | 12.0  |         | 11.0  | 16.4  |





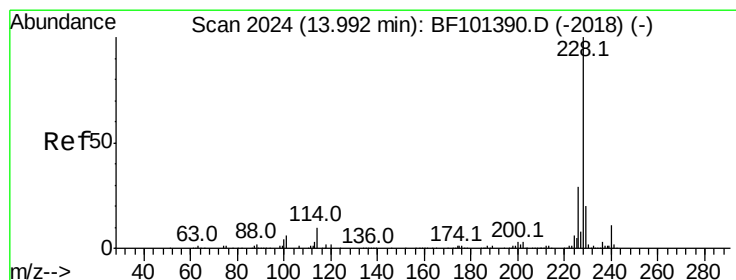
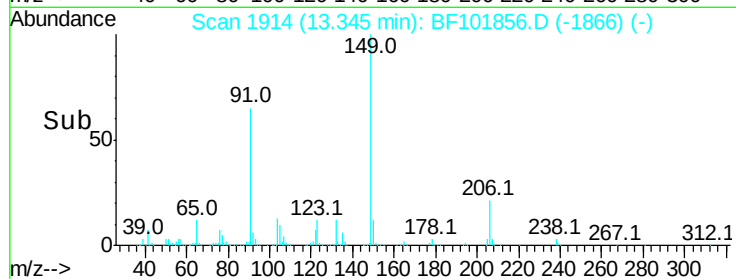
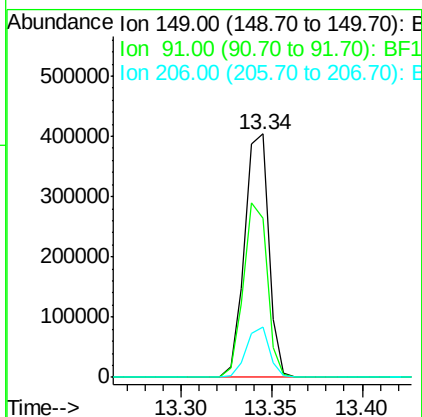
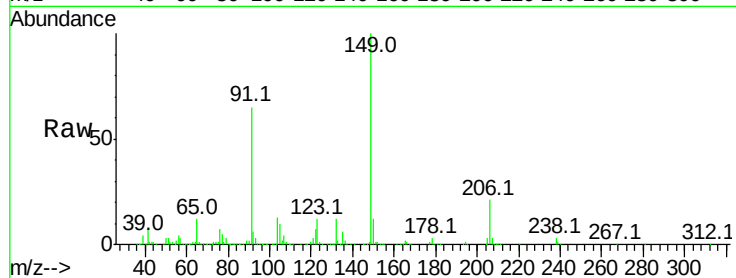
#79  
Butylbenzylphthalate  
Concen: 38.398 ng  
RT: 13.34 min Scan# 1914  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampled :  
PB105401BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 65.4  | 56.8  | 85.2  |
| 206     | 20.7  | 14.1  | 21.1  |

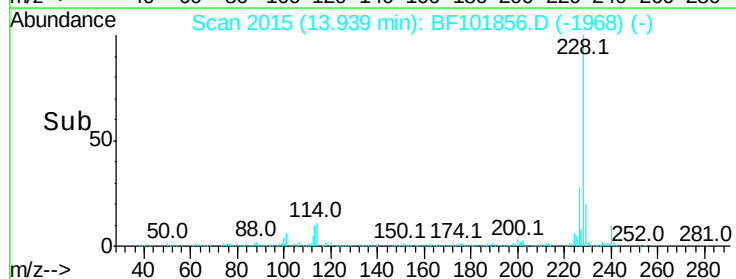
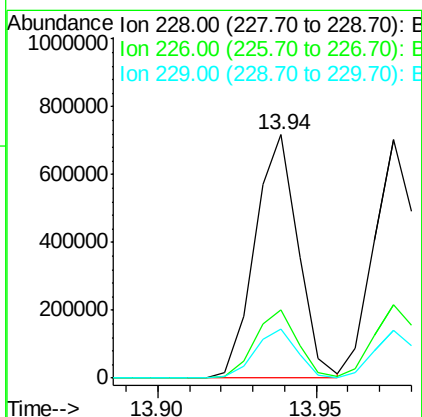
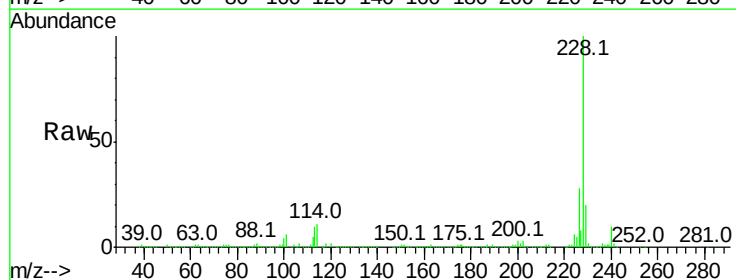
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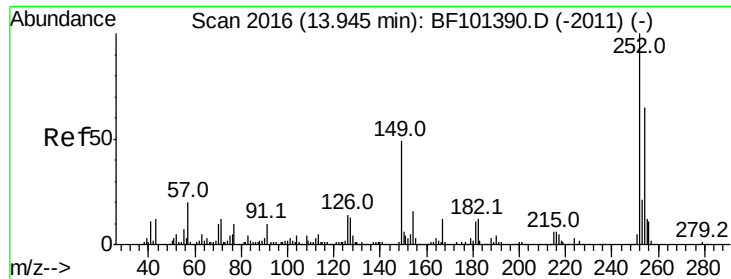
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#80  
Benzo(a)anthracene  
Concen: 35.418 ng  
RT: 13.94 min Scan# 2015  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.9  | 22.6  | 33.8  |
| 229     | 19.9  | 15.8  | 23.6  |





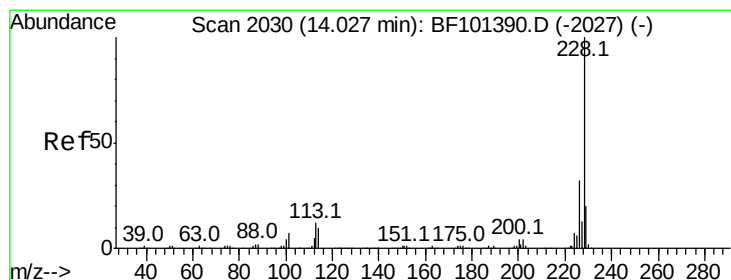
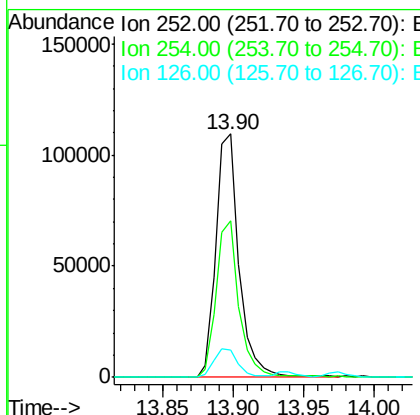
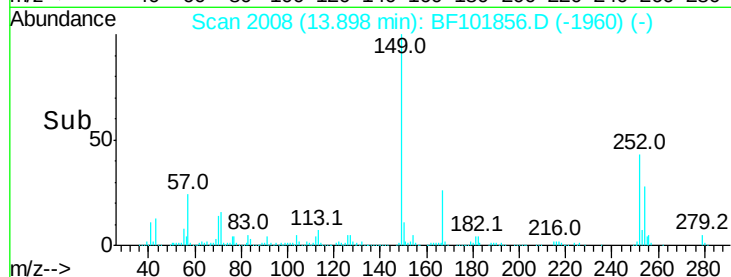
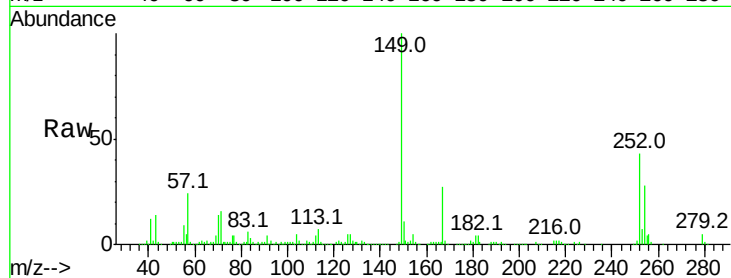
#81  
 3,3'-Dichlorobenzidine  
 Concen: 20.224 ng  
 RT: 13.90 min Scan# 2008  
 Delta R.T. -0.02 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB105401BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 64.3  | 50.4       | 75.6  |
| 126     | 11.2  | 11.3       | 16.9  |

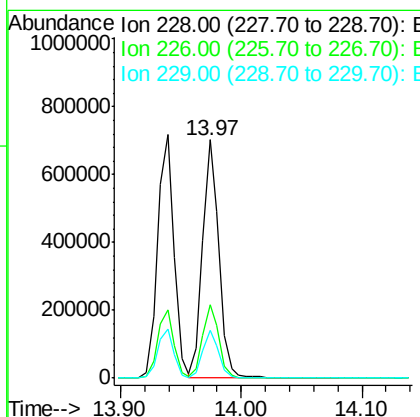
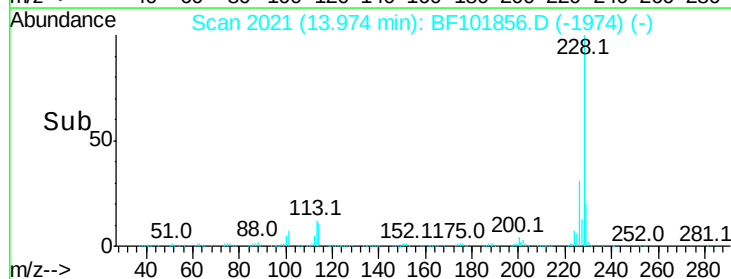
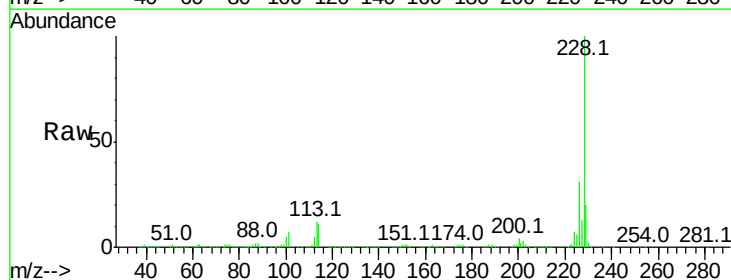
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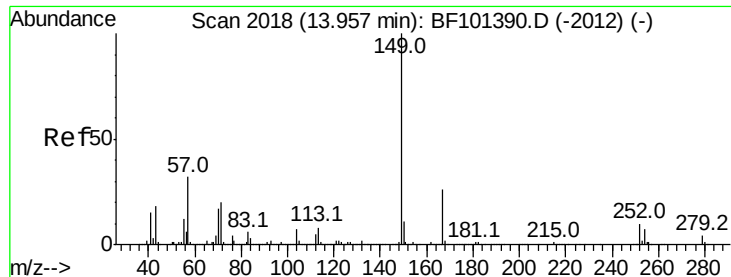
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#82  
 Chrysene  
 Concen: 36.699 ng  
 RT: 13.97 min Scan# 2021  
 Delta R.T. -0.02 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 30.9  | 25.0       | 37.6  |
| 229     | 20.2  | 16.2       | 24.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.644 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

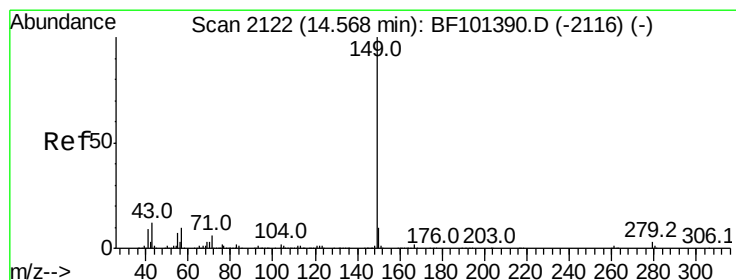
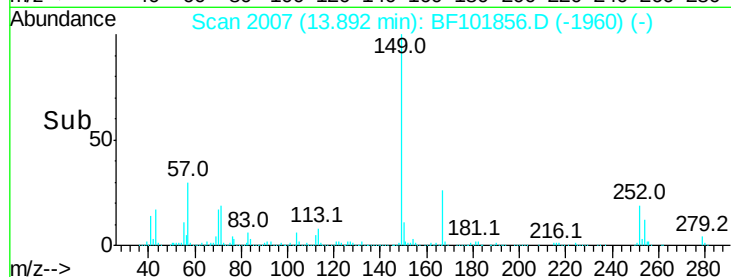
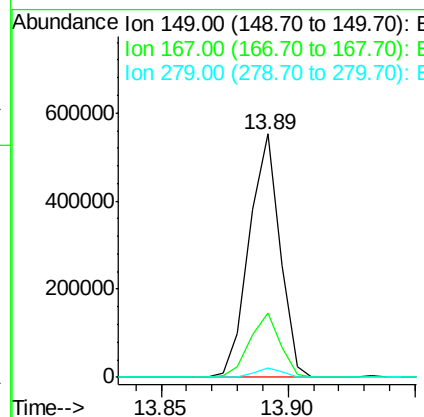
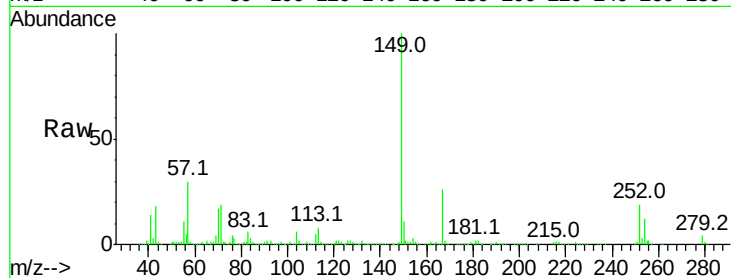
ClientSampleId :

PB105401BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 467586 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.2  | 21.3  | 31.9   |
| 279       | 3.6   | 3.0   | 4.4    |

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#84

Di-n-octyl phthalate

Concen: 32.439 ng

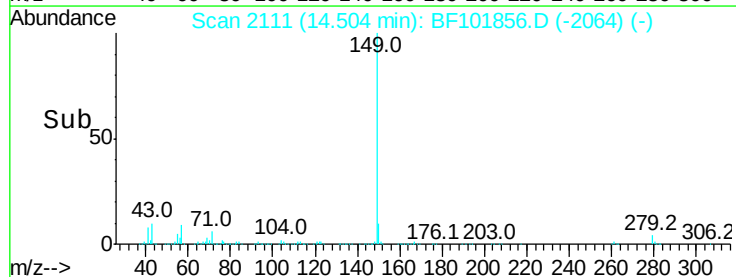
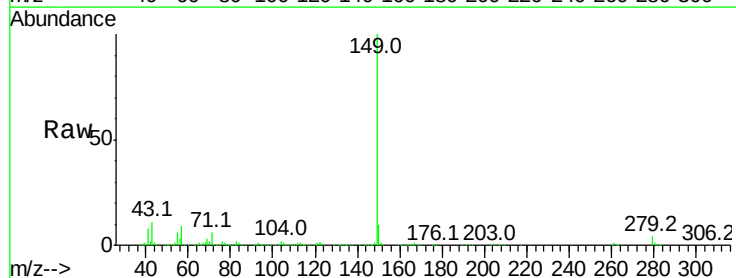
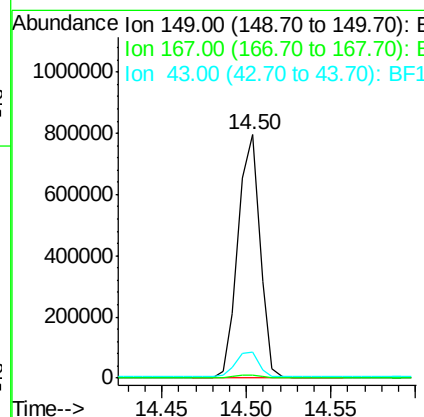
RT: 14.50 min Scan# 2111

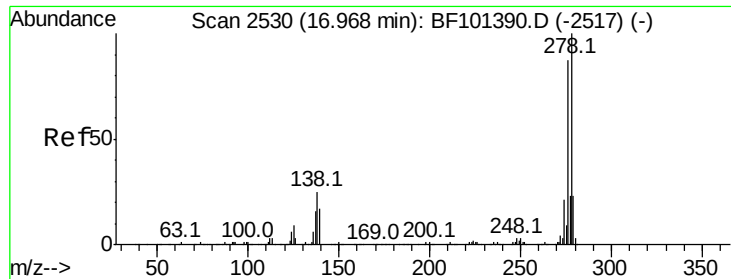
Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 718611 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.2   | 1.8    |
| 43        | 11.0  | 8.4   | 12.6   |





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.734 ng

RT: 16.89 min Scan# 2516

Delta R.T. -0.04 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

Instrument :

BNA\_F

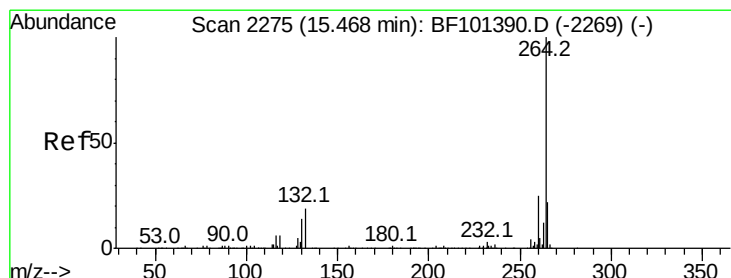
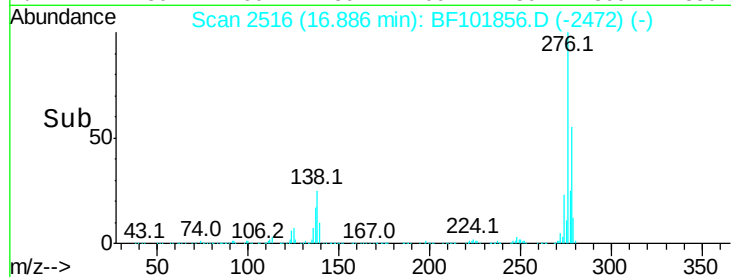
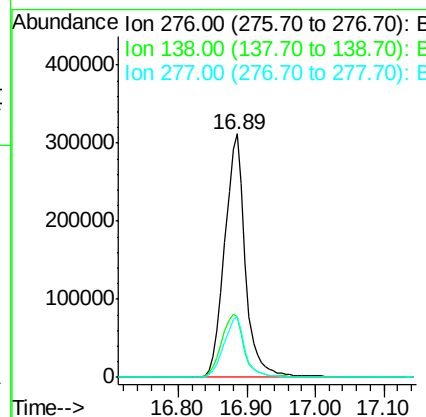
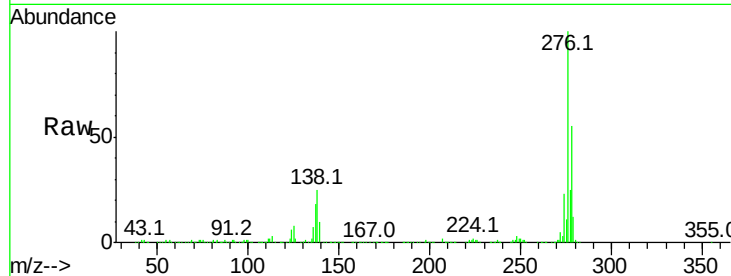
ClientSampleId :

PB105401BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 653100 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 28.6  | 25.0  | 37.6   |
| 277       | 25.4  | 20.1  | 30.1   |

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#86

Perylene-d12

Concen: 20.000 ng

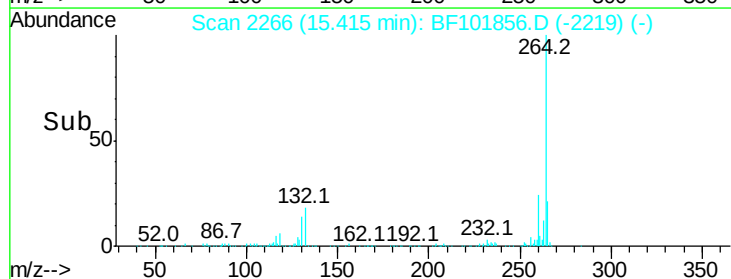
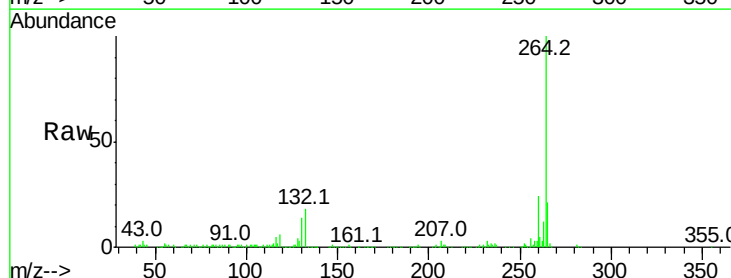
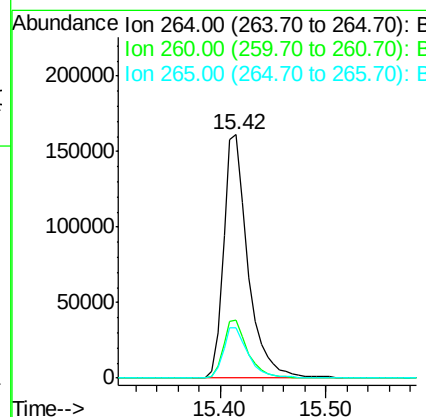
RT: 15.42 min Scan# 2266

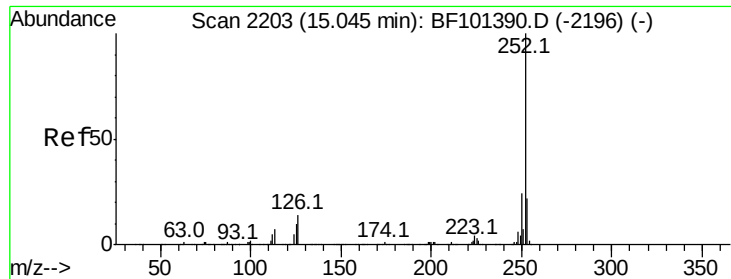
Delta R.T. -0.02 min

Lab File: BF101856.D

Acq: 3 Jan 2018 13:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 259222 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.6  | 19.2  | 28.8   |
| 265       | 20.6  | 17.5  | 26.3   |





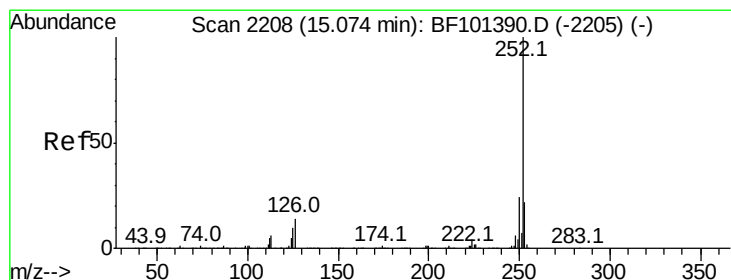
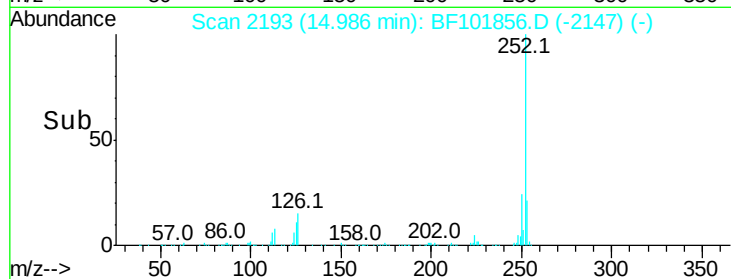
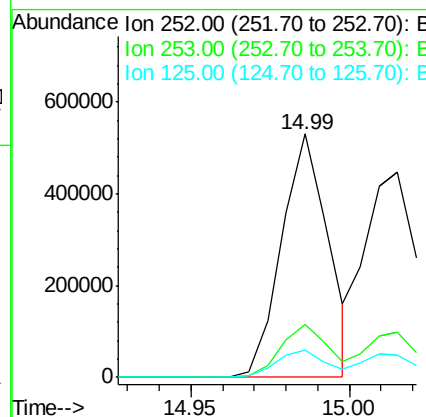
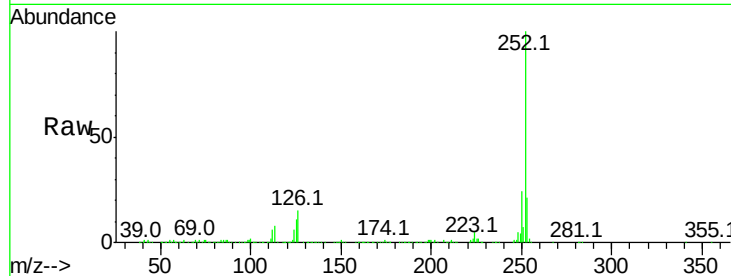
#87  
Benzo(b)fluoranthene  
Concen: 34.480 ng  
RT: 14.99 min Scan# 2193  
Delta R.T. -0.03 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB105401BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.0  | 25.6  |
| 125     | 11.0  | 9.0   | 13.6  |

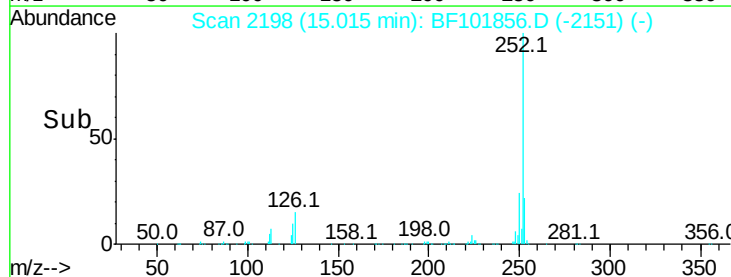
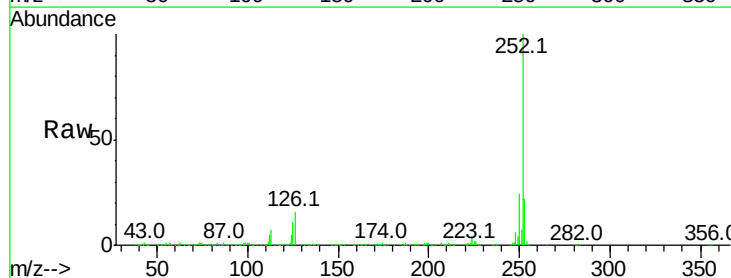
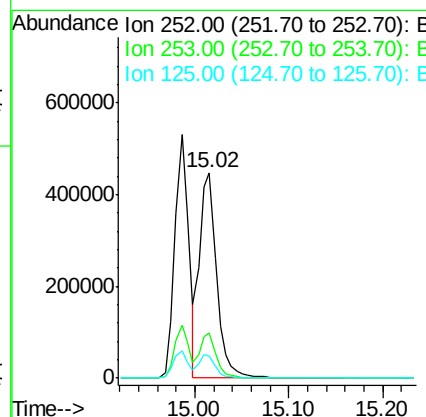
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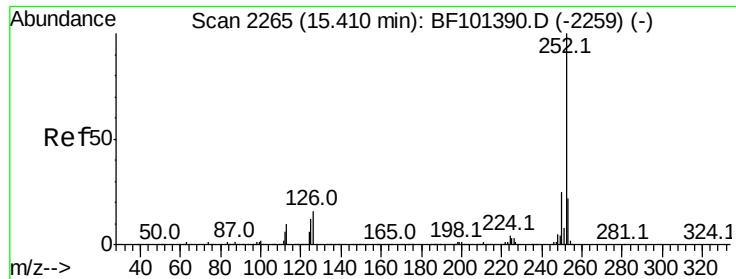


#88  
Benzo(k)fluoranthene  
Concen: 36.668 ng  
RT: 15.02 min Scan# 2198  
Delta R.T. -0.02 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.9  | 26.9  |
| 125     | 10.5  | 10.2  | 15.2  |







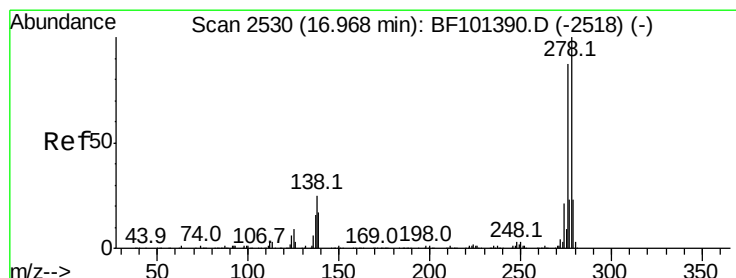
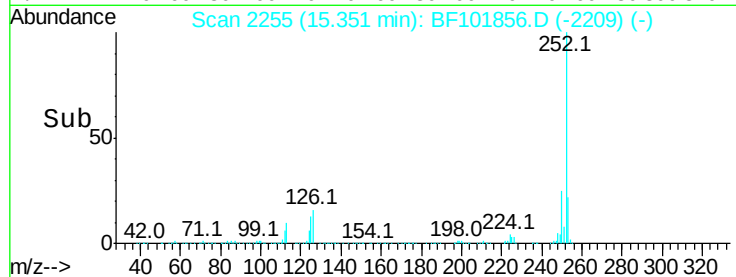
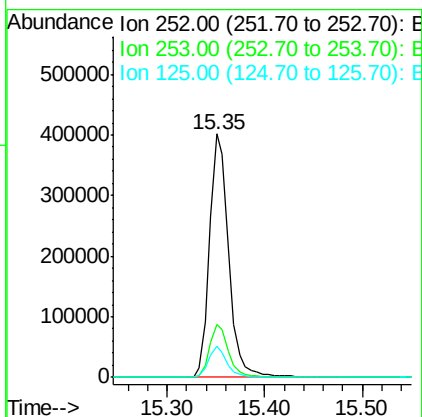
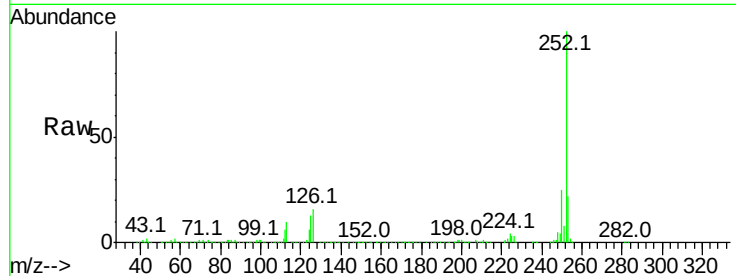
#89  
Benzo(a)pyrene  
Concen: 37.513 ng  
RT: 15.35 min Scan# 2255  
Delta R.T. -0.03 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB105401BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.1  | 25.7  |
| 125     | 12.8  | 9.8   | 14.6  |

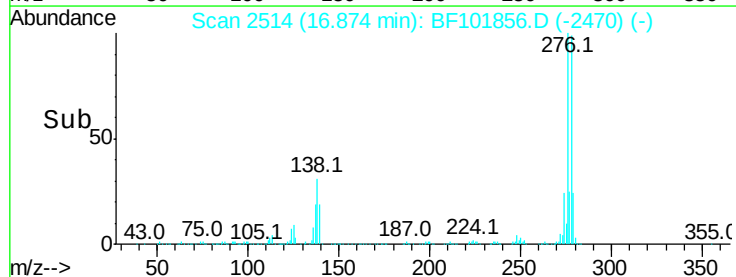
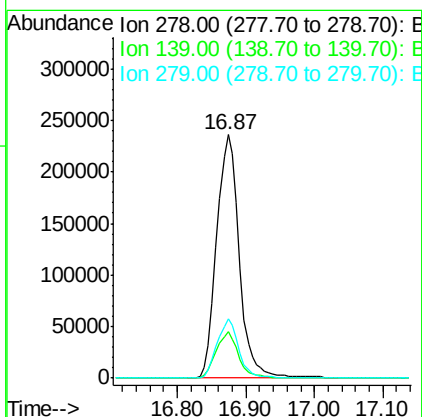
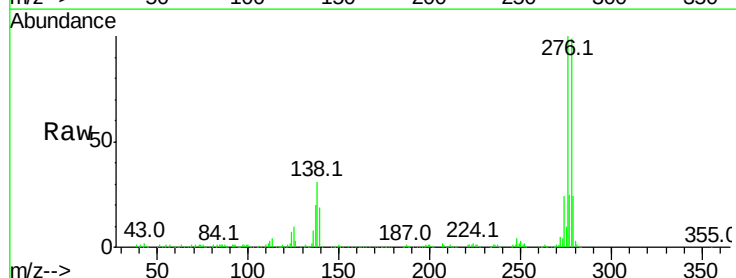
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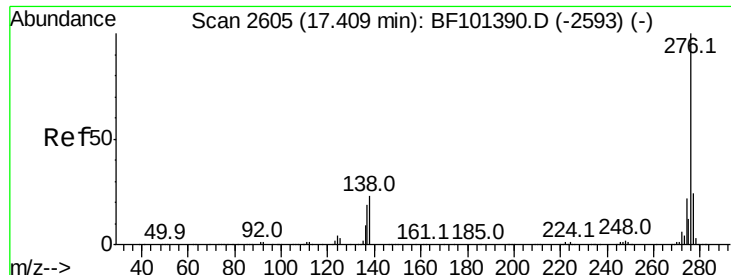
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#90  
Dibenzo(a,h)anthracene  
Concen: 43.316 ng  
RT: 16.87 min Scan# 2514  
Delta R.T. -0.04 min  
Lab File: BF101856.D  
Acq: 3 Jan 2018 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.2  | 15.9  | 23.9  |
| 279     | 24.3  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 48.145 ng  
 RT: 17.33 min Scan# 2591  
 Delta R.T. -0.04 min  
 Lab File: BF101856.D  
 Acq: 3 Jan 2018 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105401BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 596191 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.3  | 17.9  | 26.9   |
| 138       | 24.0  | 21.8  | 32.8   |

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