

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_F\DATA\BF011218\  
 Data File : BF102043.D  
 Acq On : 12 Jan 2018 15:24  
 Operator : SJ/JU  
 Sample : PB105599BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105599BS

Manual Integrations  
 APPROVED

Sohil  
 1/15/2018 4:22:55 PM

Quant Time: Jan 12 22:08:05 2018  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF010918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 11 12:53:54 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.73  | 152  | 224075   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.01  | 136  | 933308   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.76  | 164  | 407844   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.25 | 188  | 705216   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.88 | 240  | 464833   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.29 | 264  | 369819   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.35  | 112 | 1755204 | 110.61 | ng | 0.02 |
| 7) Phenol-d6             | 6.37  | 99  | 2124066 | 112.19 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.30  | 82  | 1374401 | 86.54  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.56 | 330 | 433435  | 121.78 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.09  | 172 | 2170976 | 83.16  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.83 | 244 | 1899393 | 84.84  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.49 | 88  | 265931  | 33.581 | ng | 94     |
| 3) Pyridine                    | 3.19 | 79  | 754627  | 34.894 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.15 | 42  | 373441  | 41.236 | ng | 98     |
| 6) Aniline                     | 6.39 | 93  | 701381  | 26.287 | ng | 97     |
| 8) 2-Chlorophenol              | 6.52 | 128 | 641385  | 40.301 | ng | 99     |
| 9) Benzaldehyde                | 6.27 | 77  | 123907  | 9.426  | ng | 95     |
| 10) Phenol                     | 6.38 | 94  | 779948  | 36.453 | ng | 88     |
| 11) bis(2-Chloroethyl)ether    | 6.47 | 93  | 626257  | 38.455 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.67 | 146 | 687903  | 37.496 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.75 | 146 | 690046  | 37.693 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 6.90 | 146 | 630835  | 37.230 | ng | 99     |
| 15) Benzyl Alcohol             | 6.87 | 79  | 526001  | 37.982 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.00 | 45  | 1147019 | 38.208 | ng | 98     |
| 17) 2-Methylphenol             | 6.99 | 107 | 567980  | 39.562 | ng | 98     |
| 18) Hexachloroethane           | 7.24 | 117 | 256593  | 39.803 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70  | 452229  | 36.449 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.14 | 107 | 626657  | 36.353 | ng | # 76   |
| 22) Acetophenone               | 7.15 | 105 | 879241  | 39.099 | ng | # 89   |
| 24) Nitrobenzene               | 7.32 | 77  | 689216  | 40.385 | ng | 99     |
| 25) Isophorone                 | 7.56 | 82  | 1305147 | 41.589 | ng | 100    |
| 26) 2-Nitrophenol              | 7.63 | 139 | 376446  | 52.701 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.67 | 122 | 606221  | 45.443 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.77 | 93  | 806357  | 42.555 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.87 | 162 | 547106  | 43.191 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.95 | 180 | 528657  | 39.900 | ng | 98     |
| 31) Naphthalene                | 8.03 | 128 | 1816197 | 38.944 | ng | 99     |
| 32) Benzoic acid               | 7.80 | 122 | 461411m | 45.613 | ng |        |
| 33) 4-Chloroaniline            | 8.08 | 127 | 289345  | 14.536 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.15 | 225 | 273357  | 38.977 | ng | 97     |
| 35) Caprolactam                | 8.47 | 113 | 215464m | 49.548 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.57 | 107 | 595138  | 42.921 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.72 | 142 | 1244082 | 40.522 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.89 | 216 | 456901  | 39.599 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 8.87 | 237 | 568033  | 90.019 | ng | 96     |

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_F\DATA\BF011218\  
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 Sample : PB105599BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105599BS

Manual Integrations  
 APPROVED

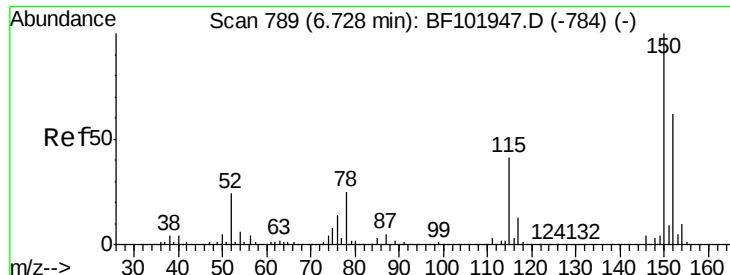
Sohil  
 1/15/2018 4:22:55 PM

Quant Time: Jan 12 22:08:05 2018  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF010918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 11 12:53:54 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.00  | 196  | 359925   | 45.267  | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.05  | 196  | 369190   | 41.082  | ng    | 96       |
| 45) 1,1'-Biphenyl              | 9.19  | 154  | 1414726  | 39.244  | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.22  | 162  | 1089089  | 38.959  | ng    | 97       |
| 47) 2-Nitroaniline             | 9.31  | 65   | 382244   | 45.648  | ng    | 93       |
| 48) Acenaphthylene             | 9.63  | 152  | 1670699  | 37.659  | ng    | 100      |
| 49) Dimethylphthalate          | 9.50  | 163  | 1286687  | 39.327  | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.56  | 165  | 297156   | 45.469  | ng    | 98       |
| 51) Acenaphthene               | 9.80  | 154  | 993533   | 36.898  | ng    | 99       |
| 52) 3-Nitroaniline             | 9.72  | 138  | 238042   | 28.860  | ng    | 97       |
| 53) 2,4-Dinitrophenol          | 9.83  | 184  | 296174   | 114.410 | ng    | # 20     |
| 54) Dibenzofuran               | 9.97  | 168  | 1438751  | 38.932  | ng    | 99       |
| 55) 4-Nitrophenol              | 9.89  | 139  | 539510   | 87.772  | ng    | 97       |
| 56) 2,4-Dinitrotoluene         | 9.96  | 165  | 388250   | 47.398  | ng    | # 95     |
| 57) Fluorene                   | 10.32 | 166  | 1049528  | 41.083  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.09 | 232  | 287397   | 44.921  | ng    | 99       |
| 59) Diethylphthalate           | 10.20 | 149  | 1248195  | 38.353  | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.30 | 204  | 456391   | 41.954  | ng    | 97       |
| 61) 4-Nitroaniline             | 10.35 | 138  | 346235   | 44.232  | ng    | 90       |
| 62) Azobenzene                 | 10.47 | 77   | 1268578  | 39.178  | ng    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.36 | 198  | 179858   | 47.082  | ng    | 96       |
| 65) n-Nitrosodiphenylamine     | 10.43 | 169  | 1029628  | 38.990  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.80 | 248  | 304384   | 40.871  | ng    | 91       |
| 67) Hexachlorobenzene          | 10.86 | 284  | 322695   | 39.690  | ng    | 92       |
| 68) Atrazine                   | 10.96 | 200  | 326735   | 42.813  | ng    | 98       |
| 69) Pentachlorophenol          | 11.05 | 266  | 363265   | 73.272  | ng    | 98       |
| 70) Phenanthrene               | 11.27 | 178  | 1551510  | 37.664  | ng    | 99       |
| 71) Anthracene                 | 11.32 | 178  | 1648661  | 39.462  | ng    | 99       |
| 72) Carbazole                  | 11.48 | 167  | 1541703  | 37.544  | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.82 | 149  | 1902047  | 37.754  | ng    | 99       |
| 74) Fluoranthene               | 12.46 | 202  | 1579050  | 38.961  | ng    | 99       |
| 76) Benzidine                  | 12.58 | 184  | 511985   | 22.809  | ng    | 98       |
| 77) Pyrene                     | 12.69 | 202  | 1621856  | 39.472  | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.31 | 149  | 787837   | 41.781  | ng    | 98       |
| 80) Benzo(a)anthracene         | 13.87 | 228  | 1129567  | 38.087  | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.84 | 252  | 322569   | 29.375  | ng    | 99       |
| 82) Chrysene                   | 13.91 | 228  | 1188427  | 38.430  | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.87 | 149  | 849316   | 39.263  | ng    | 98       |
| 84) Di-n-octyl phthalate       | 14.48 | 149  | 1585976  | 44.183  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.67 | 276  | 922218   | 40.973  | ng    | 96       |
| 87) Benzo(b)fluoranthene       | 14.89 | 252  | 998216   | 41.397  | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 14.92 | 252  | 960301   | 41.283  | ng    | 99       |
| 89) Benzo(a)pyrene             | 15.24 | 252  | 910255   | 41.950  | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.69 | 278  | 759881   | 43.883  | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.09 | 276  | 800120   | 45.871  | ng    | 98       |

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





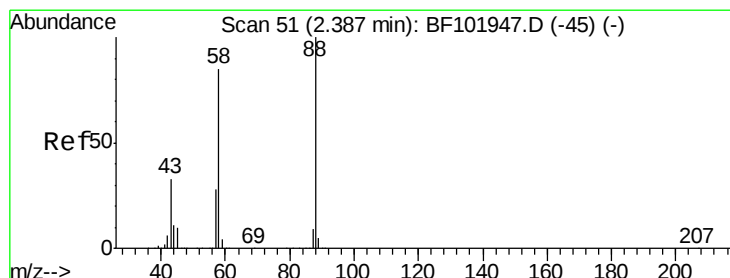
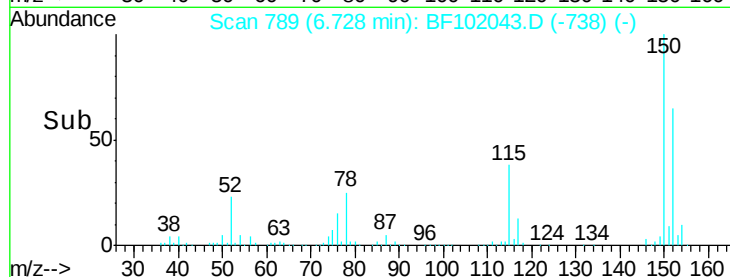
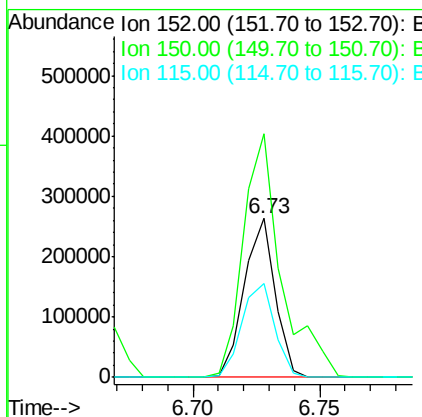
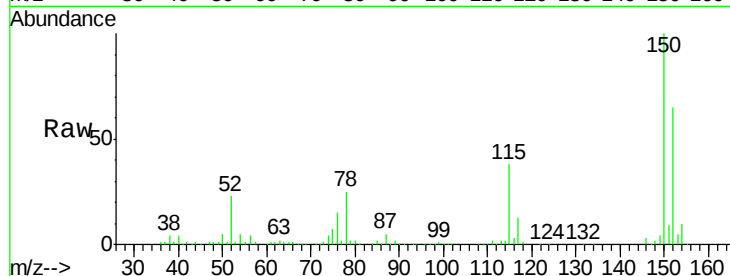
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.73 min Scan# 789  
 Delta R.T. 0.00 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB105599BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.6 | 124.6 | 186.8 |
| 115     | 59.0  | 50.1  | 75.1  |

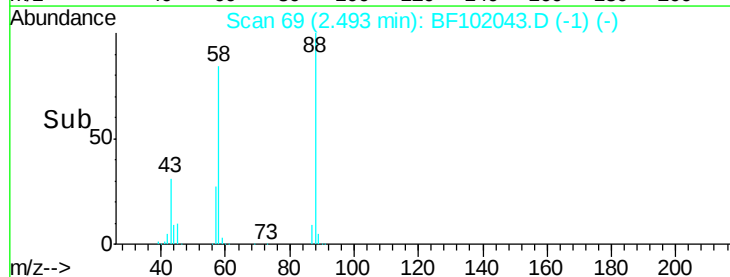
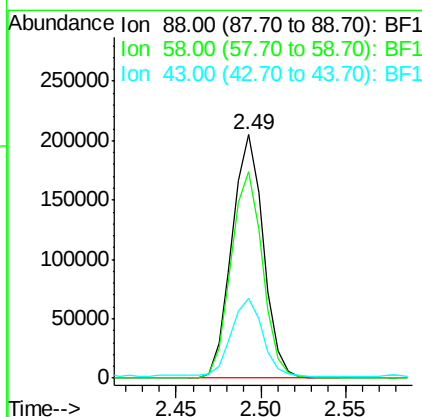
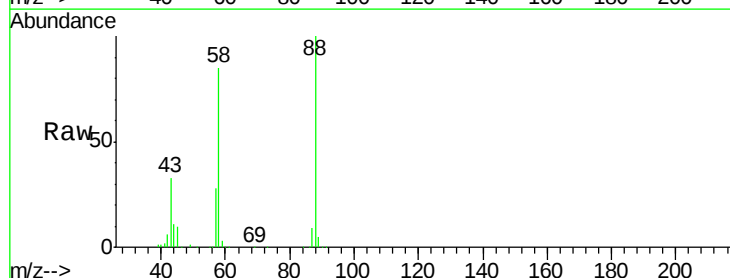
Manual Integrations  
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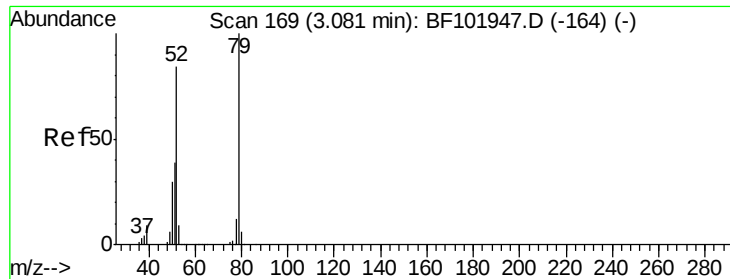
Sohil  
 1/15/2018 4:22:55 PM



#2  
 1,4-Dioxane  
 Concen: 33.581 ng  
 RT: 2.49 min Scan# 69  
 Delta R.T. 0.10 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 84.4  | 62.6  | 93.8  |
| 43      | 32.4  | 24.6  | 37.0  |





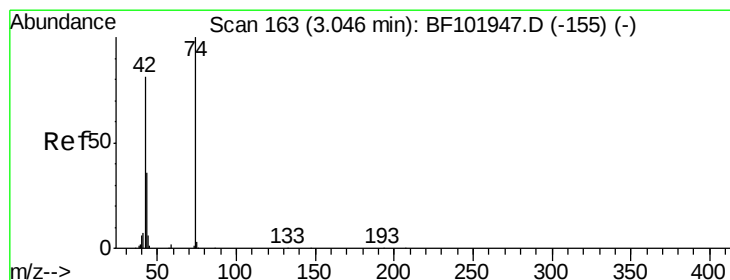
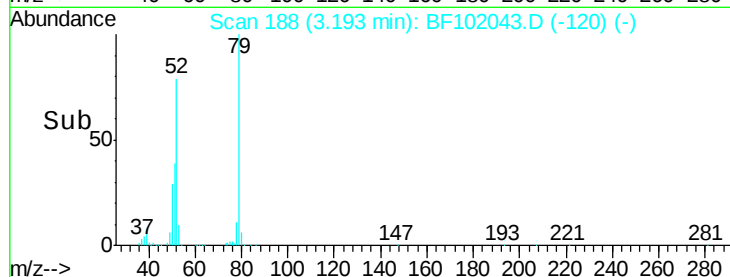
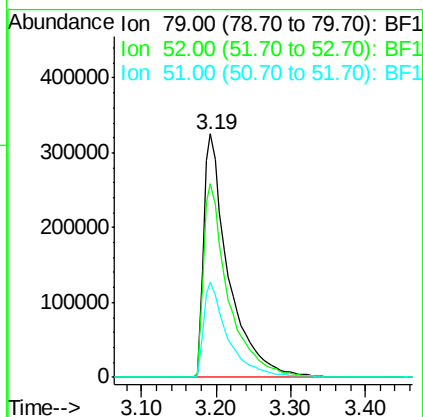
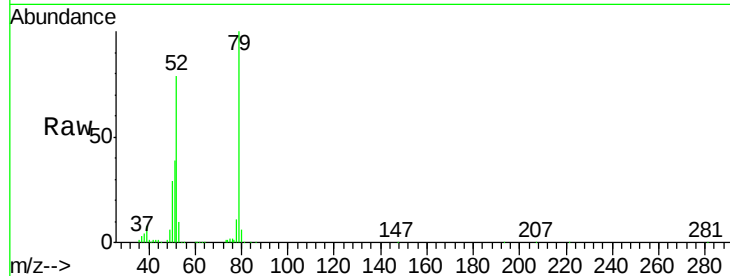
#3  
 Pyridine  
 Concen: 34.894 ng  
 RT: 3.19 min Scan# 188  
 Delta R.T. 0.10 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105599BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 79.4  | 59.8  | 89.6  |
| 51      | 39.3  | 29.8  | 44.8  |

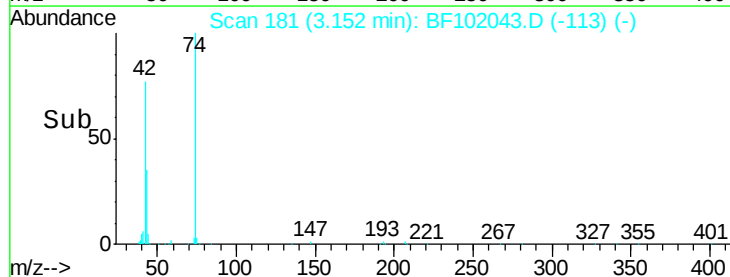
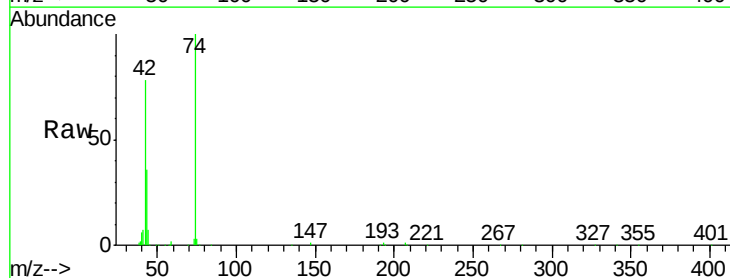
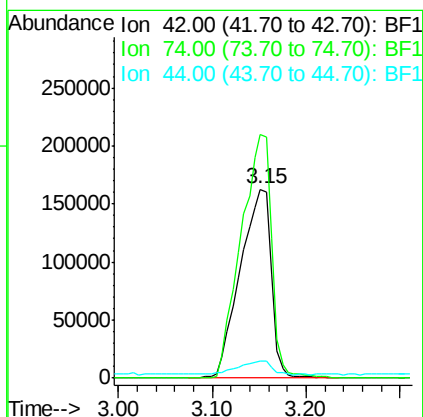
Manual Integrations  
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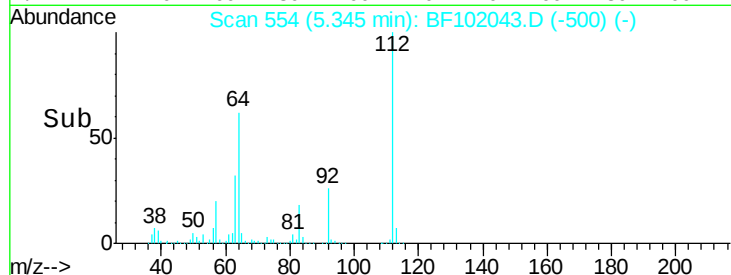
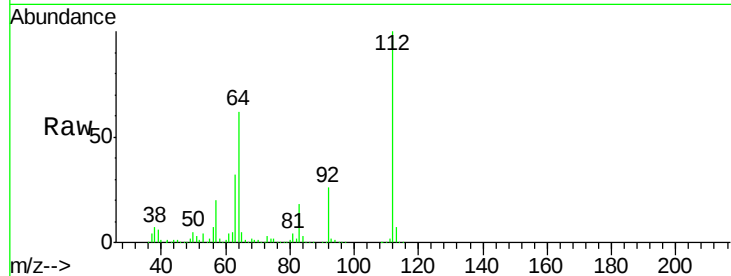
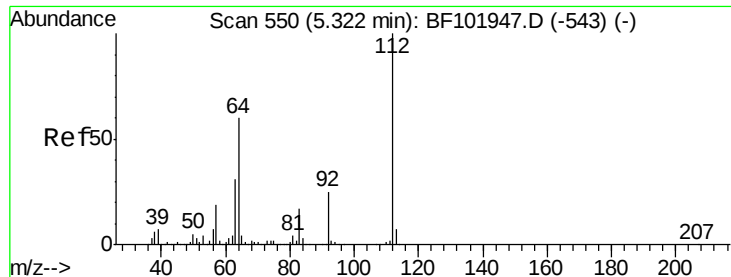
Sohil  
 1/15/2018 4:22:55 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 41.236 ng  
 RT: 3.15 min Scan# 181  
 Delta R.T. 0.10 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 129.0 | 104.9 | 157.3 |
| 44      | 8.8   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 110.610 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

ClientSampleId :

PB105599BS

Tgt Ion: 112 Resp: 1755204

Ion Ratio Lower Upper

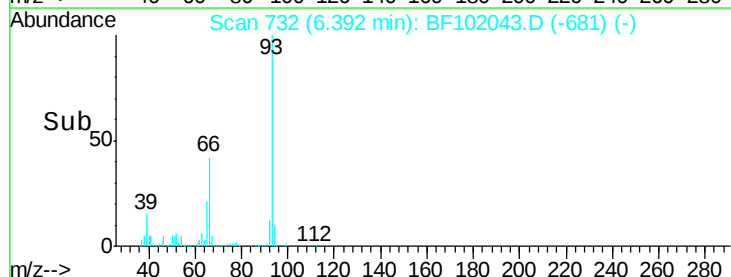
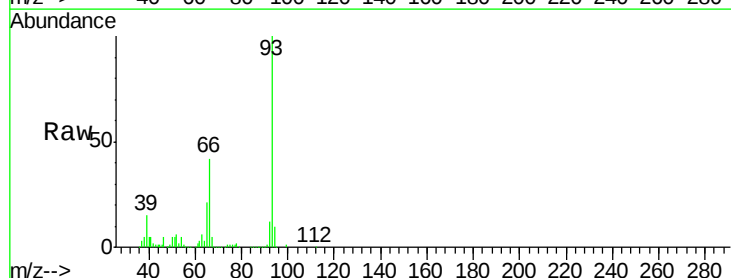
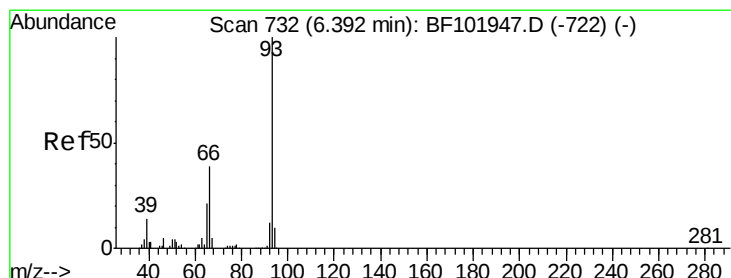
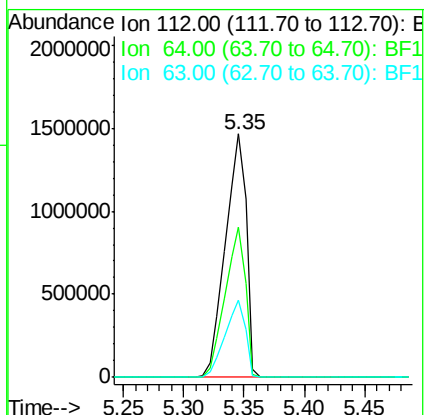
112 100

64 61.8 47.9 71.9

63 31.8 23.7 35.5

Manual Integrations  
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1/15/2018 4:22:55 PM



#6

Aniline

Concen: 26.287 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

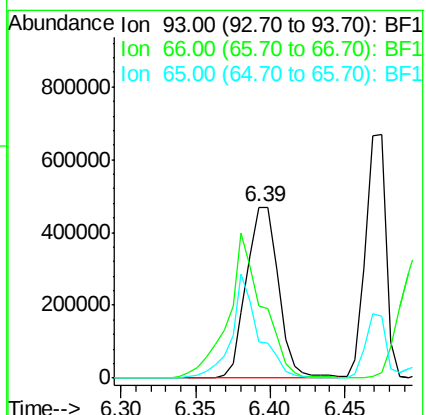
Tgt Ion: 93 Resp: 701381

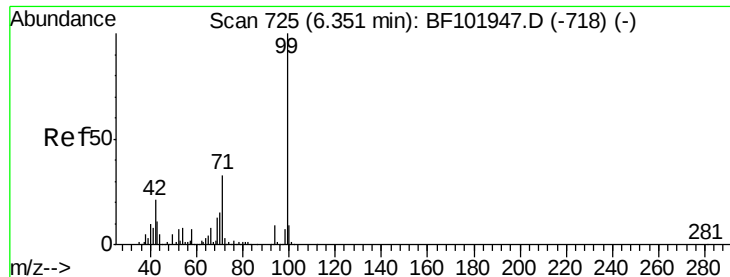
Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

65 20.8 16.4 24.6





#7

Phenol-d6

Concen: 112.191 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

ClientSampleId :

PB105599BS

Tgt Ion: 99 Resp: 2124066

Ion Ratio Lower Upper

99 100

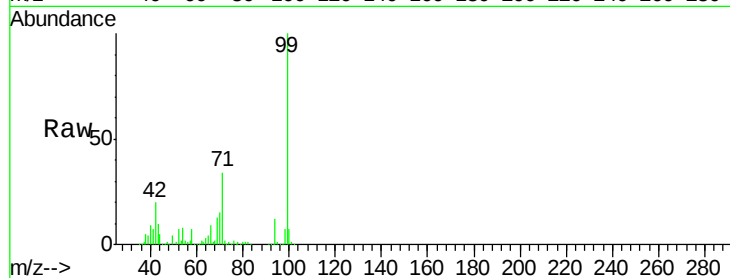
42 20.2 14.5 21.7

71 33.9 25.4 38.0

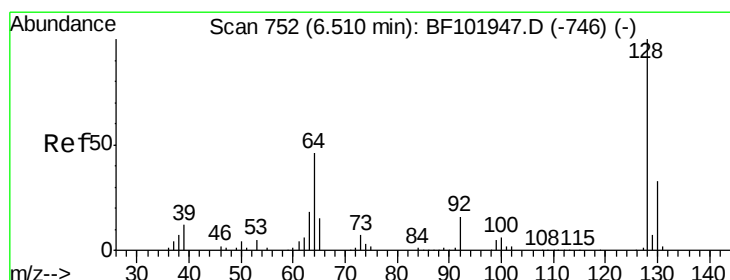
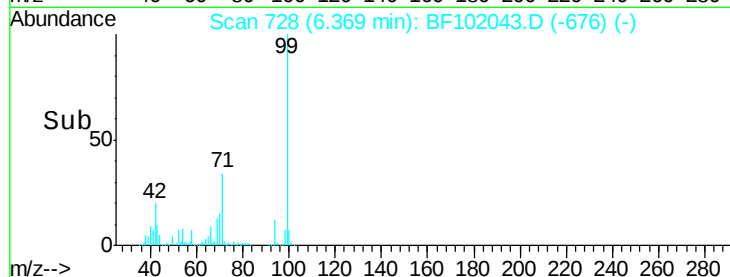
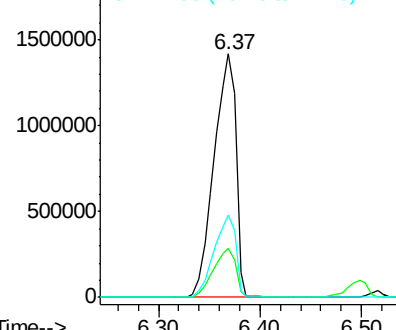
Manual Integrations  
APPROVED

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1/15/2018 4:22:55 PM



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: 40.301 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

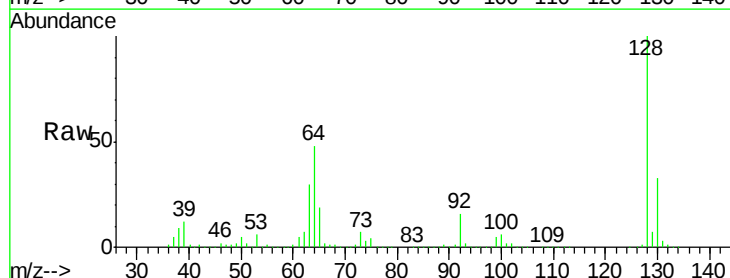
Tgt Ion: 128 Resp: 641385

Ion Ratio Lower Upper

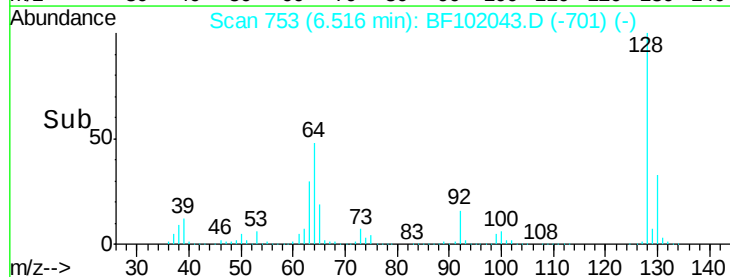
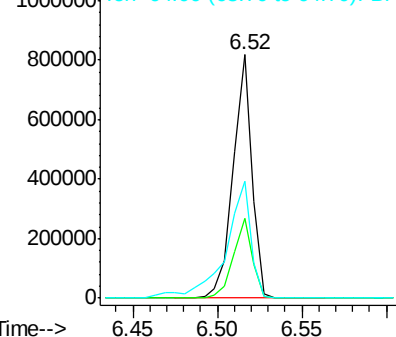
128 100

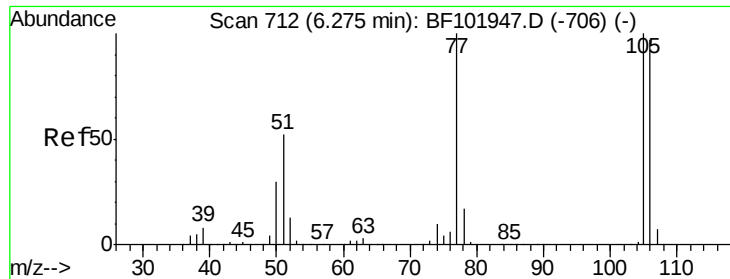
130 32.9 13.0 53.0

64 48.0 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: 9.426 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

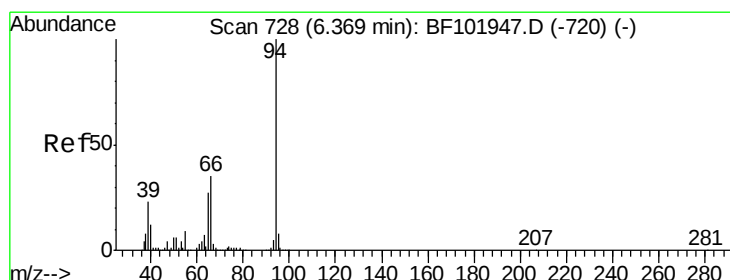
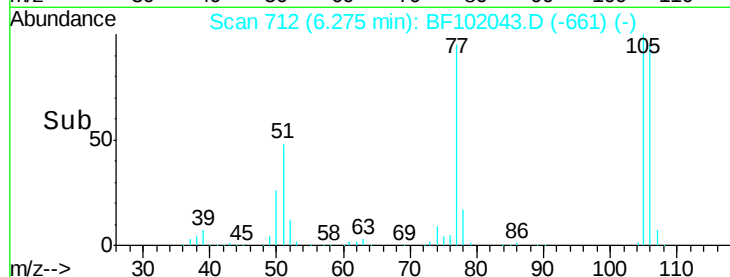
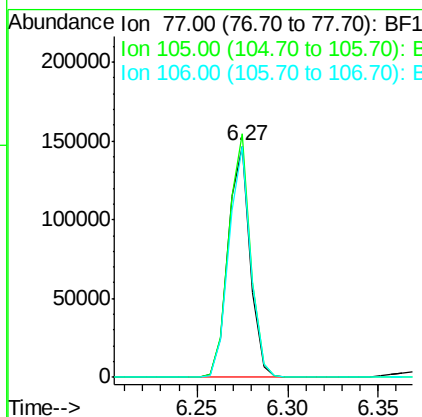
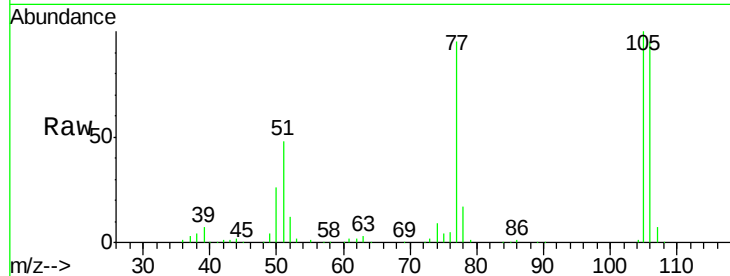
ClientSampleId :

PB105599BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 123907 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 105.5 | 81.1  | 121.1  |
| 106       | 99.9  | 74.5  | 114.5  |

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#10

Phenol

Concen: 36.453 ng

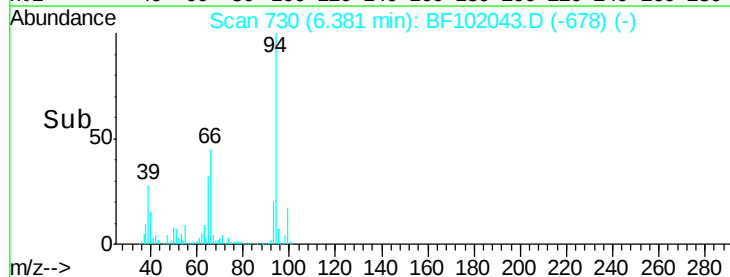
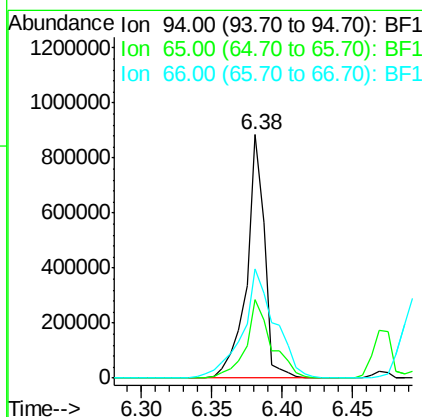
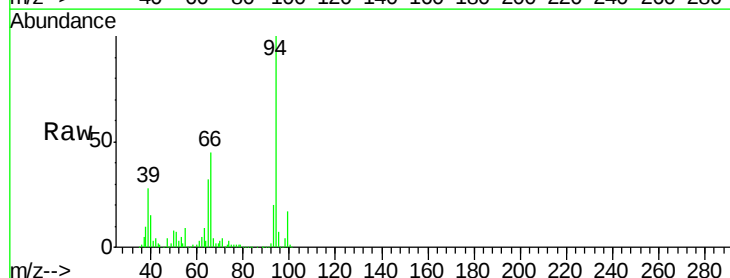
RT: 6.38 min Scan# 730

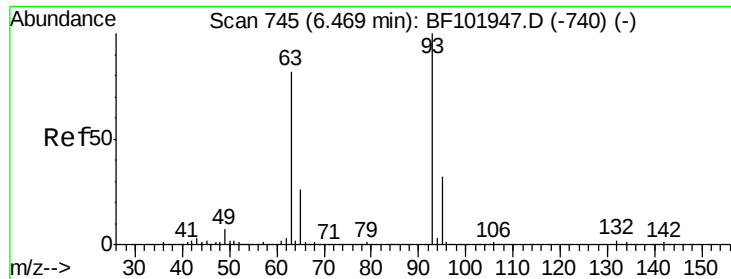
Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 779948 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 32.5  | 7.9   | 47.9   |
| 66        | 45.1  | 16.2  | 56.2   |





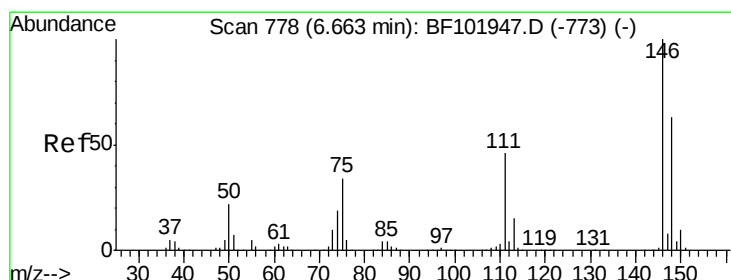
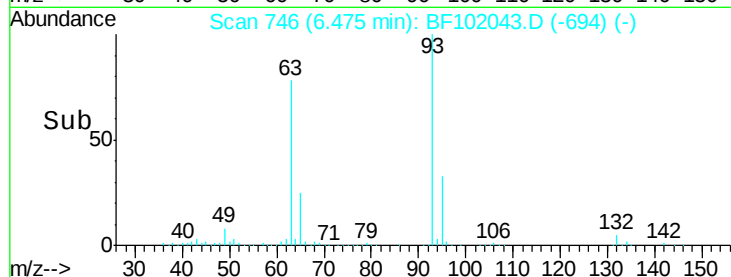
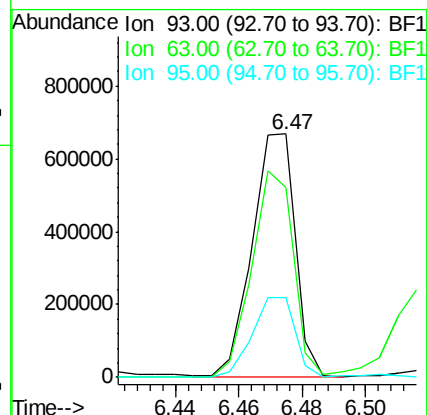
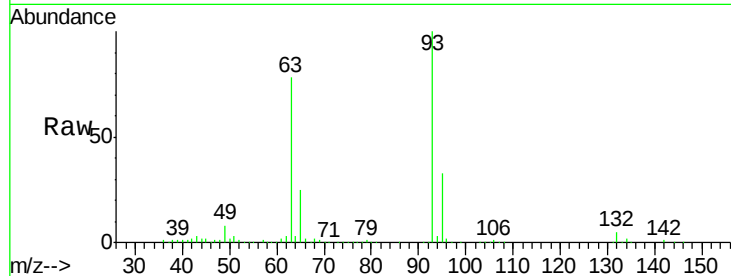
#11  
bis(2-Chloroethyl)ether  
Concen: 38.455 ng  
RT: 6.47 min Scan# 746  
Delta R.T. 0.01 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB105599BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 626257 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 78.2  | 58.6  | 98.6   |
| 95       | 33.0  | 11.8  | 51.8   |

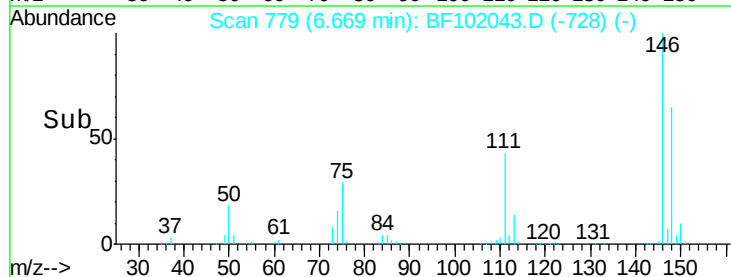
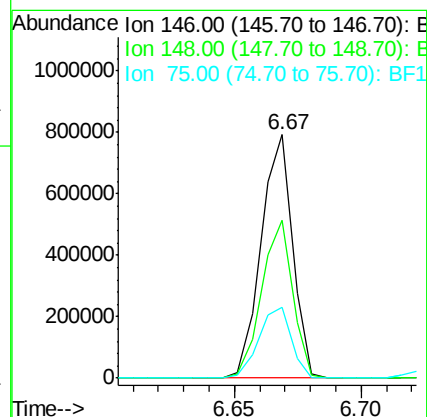
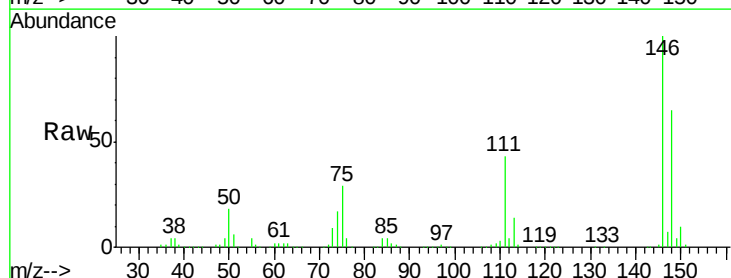
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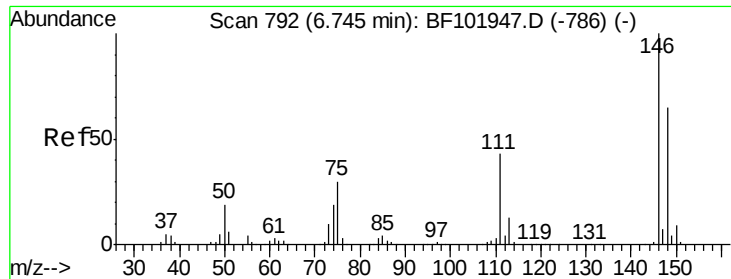
Sohil  
1/15/2018 4:22:55 PM



#12  
1,3-Dichlorobenzene  
Concen: 37.496 ng  
RT: 6.67 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 687903 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.9  | 51.8  | 77.8   |
| 75       | 29.3  | 24.2  | 36.4   |





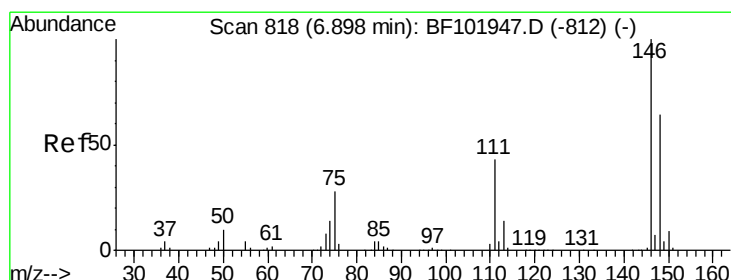
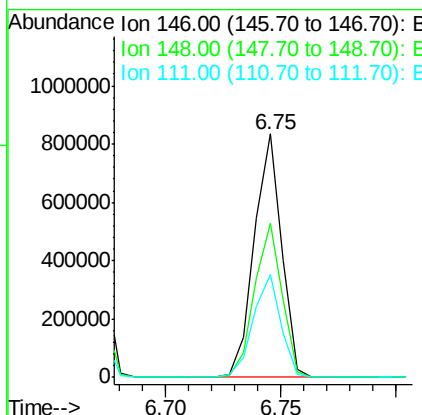
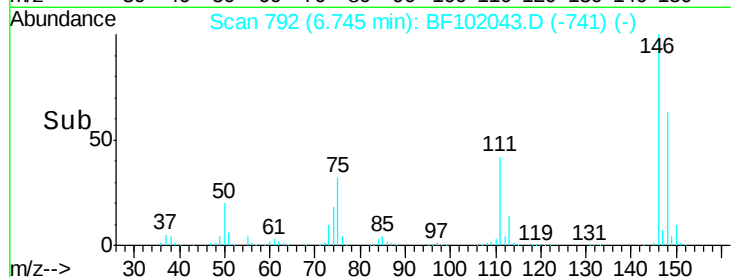
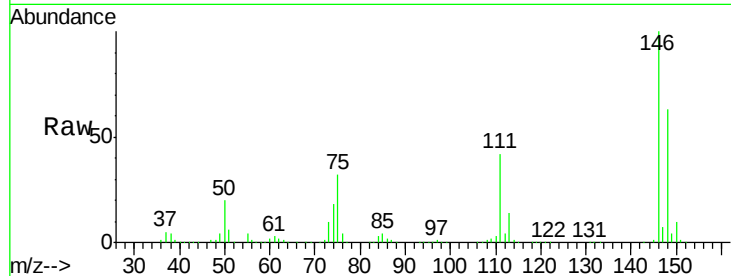
#13  
 1,4-Dichlorobenzene  
 Concen: 37.693 ng  
 RT: 6.75 min Scan# 792  
 Delta R.T. 0.00 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB105599BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.4  | 50.8  | 76.2  |
| 111     | 42.4  | 34.2  | 51.2  |

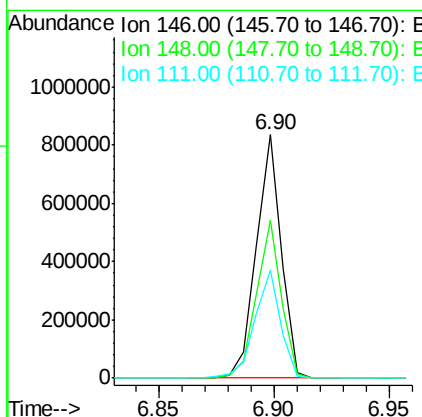
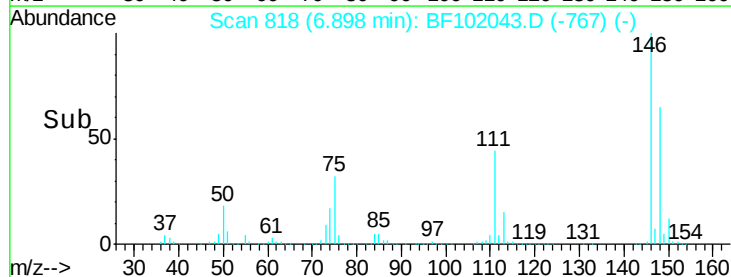
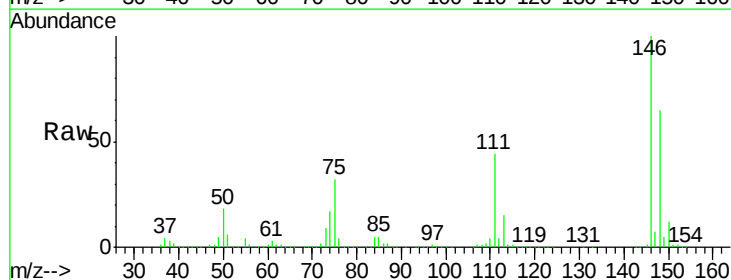
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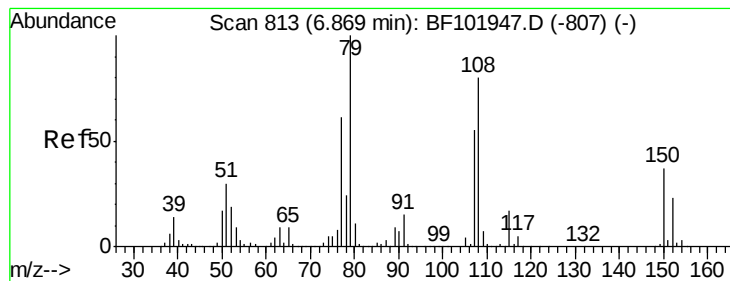
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#14  
 1,2-Dichlorobenzene  
 Concen: 37.230 ng  
 RT: 6.90 min Scan# 818  
 Delta R.T. 0.00 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 50.6  | 75.8  |
| 111     | 44.4  | 36.0  | 54.0  |





#15

Benzyl Alcohol

Concen: 37.982 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

ClientSampleId :

PB105599BS

Tgt Ion: 79 Resp: 526001  
Ion Ratio Lower Upper

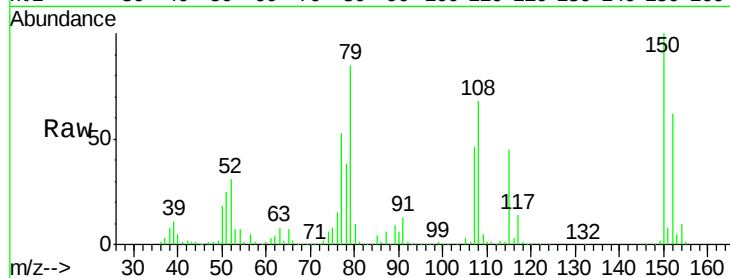
79 100

108 80.1 65.1 97.7

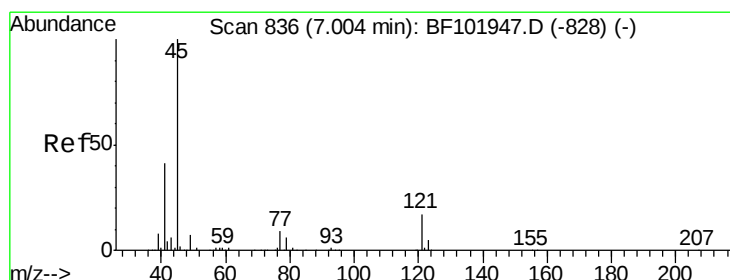
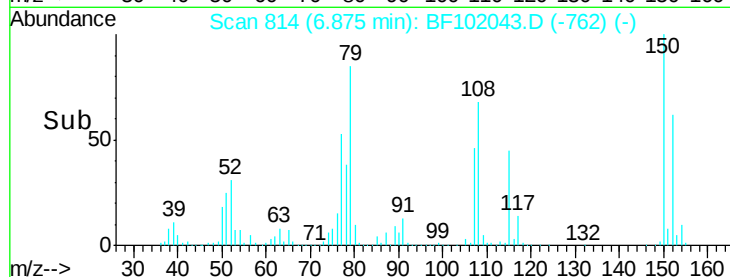
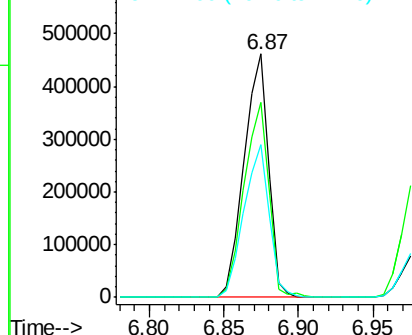
77 62.8 50.6 75.8

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Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 108.00 (107.70 to 108.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.208 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF102043.D

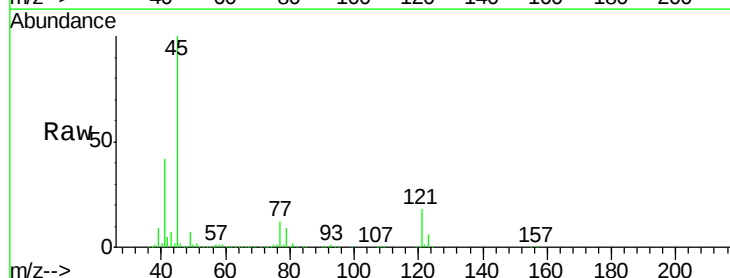
Acq: 12 Jan 2018 15:24

Tgt Ion: 45 Resp: 1147019  
Ion Ratio Lower Upper

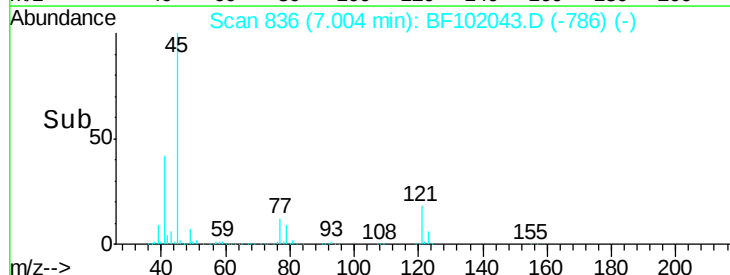
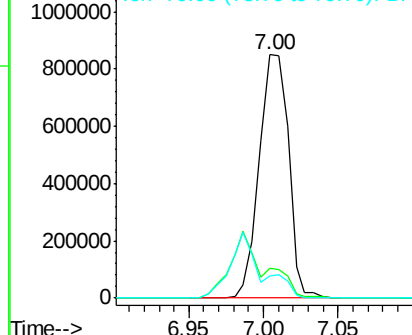
45 100

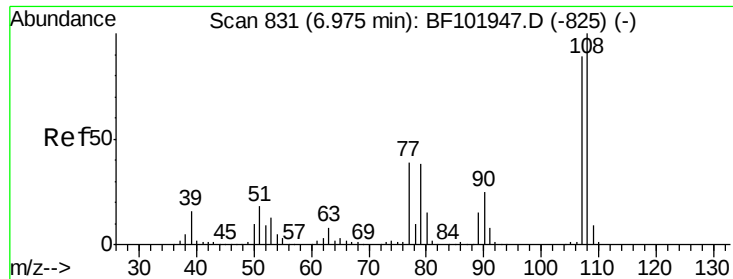
77 12.2 0.0 32.9

79 8.9 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1





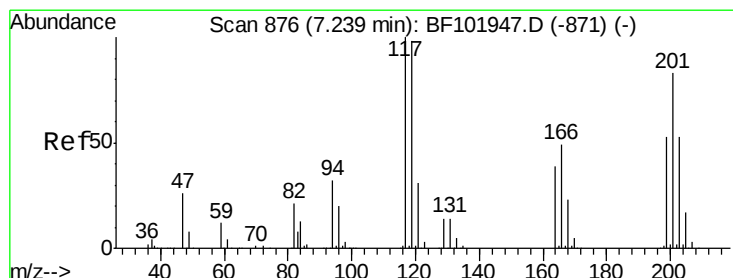
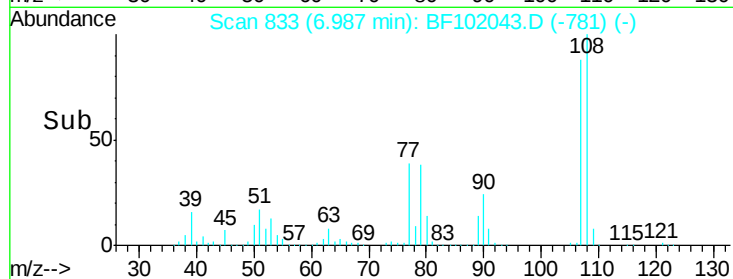
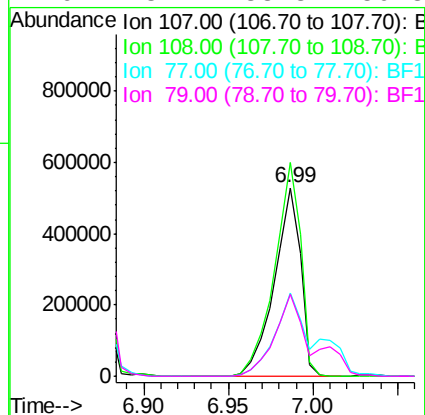
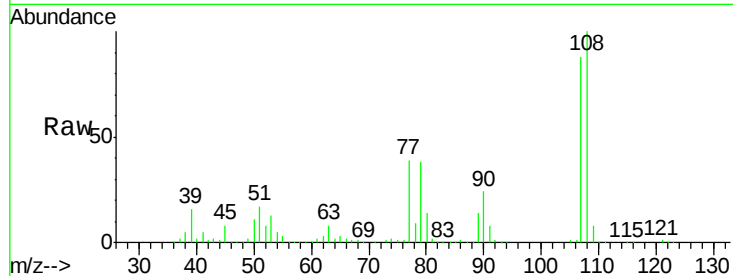
#17  
2-Methylphenol  
Concen: 39.562 ng  
RT: 6.99 min Scan# 833  
Delta R.T. 0.01 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB105599BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 567980 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 113.2 | 91.7  | 137.5  |
| 77        | 44.3  | 33.8  | 50.8   |
| 79        | 43.4  | 33.8  | 50.8   |

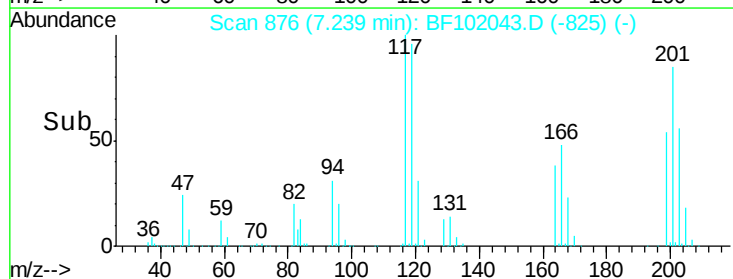
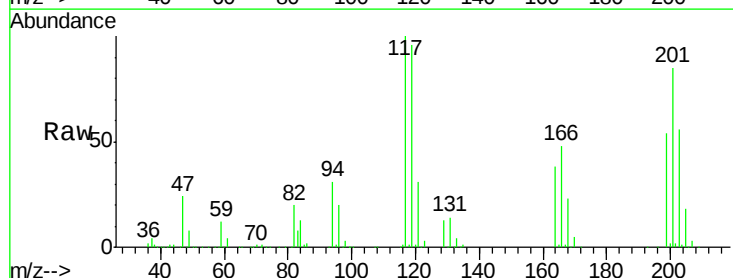
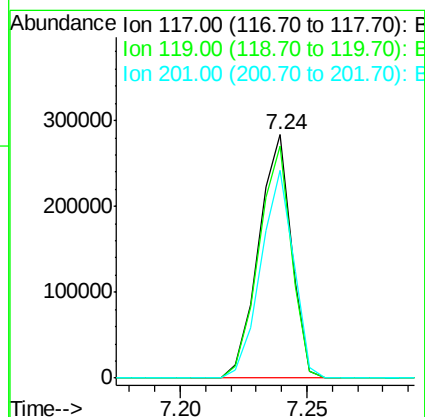
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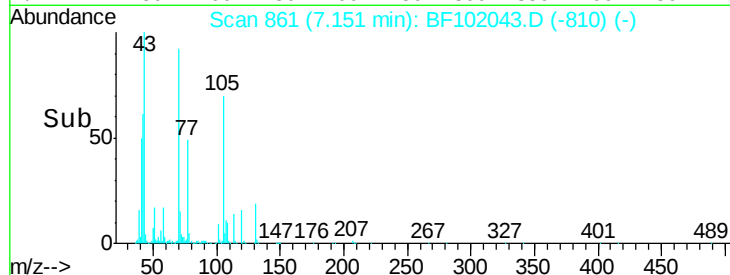
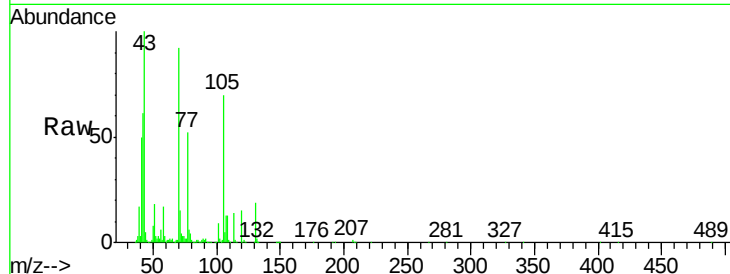
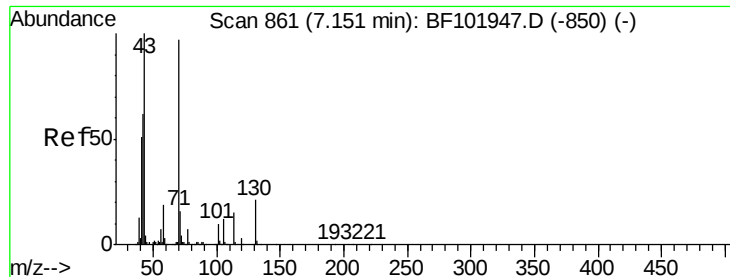
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#18  
Hexachloroethane  
Concen: 39.803 ng  
RT: 7.24 min Scan# 876  
Delta R.T. 0.00 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 256593 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.5  | 75.8  | 113.8  |
| 201       | 85.1  | 75.7  | 113.5  |





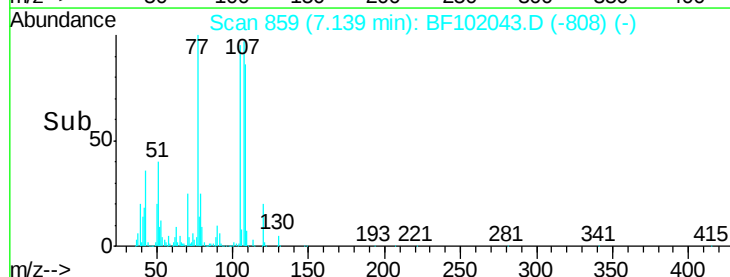
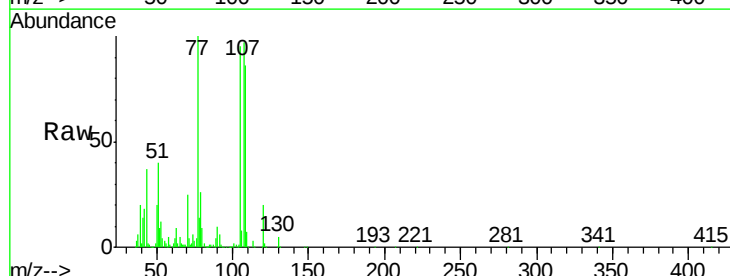
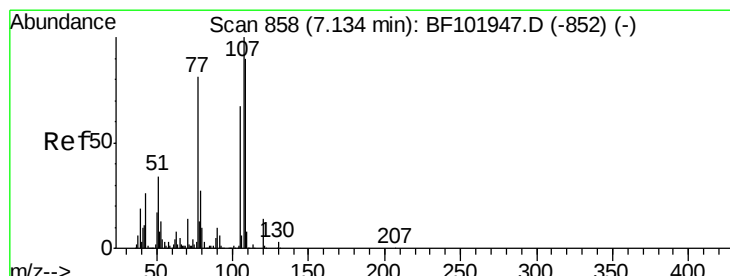
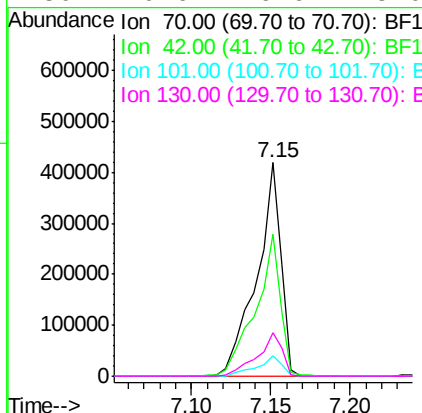
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.449 ng  
RT: 7.15 min Scan# 861  
Delta R.T. 0.00 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB105599BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 66.2  | 47.5  | 71.3  |
| 101     | 9.7   | 7.4   | 11.2  |
| 130     | 20.6  | 16.6  | 25.0  |

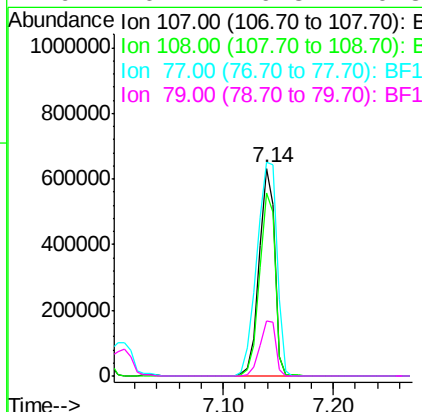
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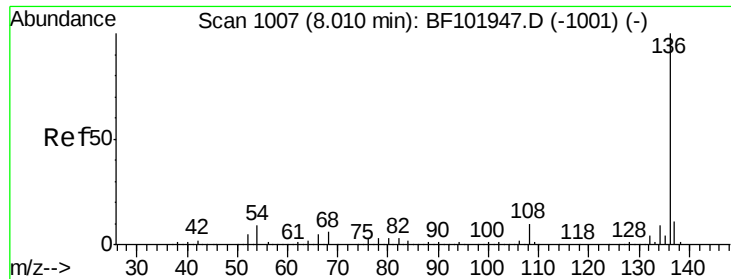
Sohil  
1/15/2018 4:22:55 PM



#20  
3+4-Methylphenols  
Concen: 36.353 ng  
RT: 7.14 min Scan# 859  
Delta R.T. 0.00 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.2  | 68.2  | 108.2 |
| 77      | 102.7 | 26.7  | 66.7# |
| 79      | 26.2  | 6.3   | 46.3  |





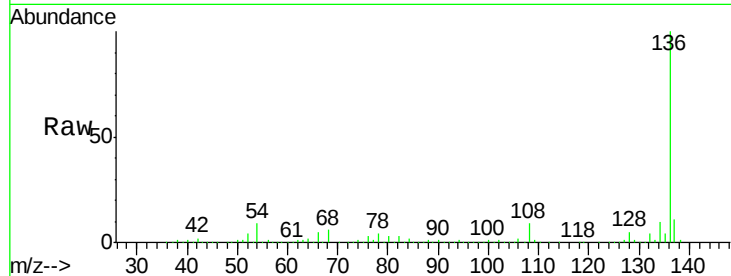
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. 0.00 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB105599BS

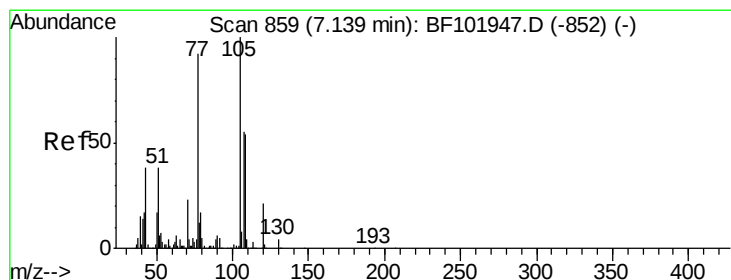
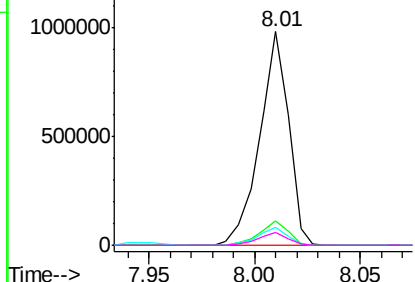
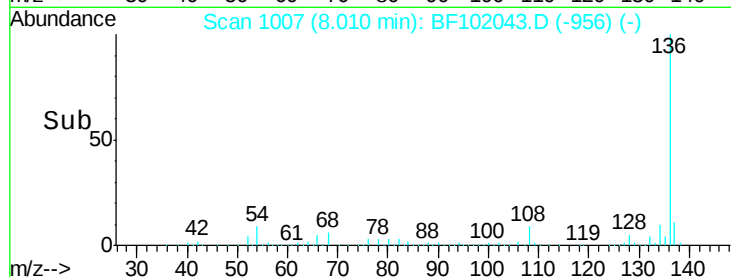
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 933308 |       |       |
| 137     | 11.3  | 8.9    | 13.3  |       |
| 54      | 8.5   | 6.6    | 9.8   |       |
| 68      | 6.0   | 5.0    | 7.4   |       |

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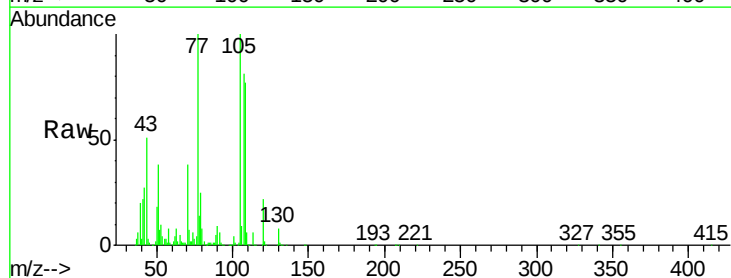


Abundance Ion 136.00 (135.70 to 136.70): E  
1500000  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

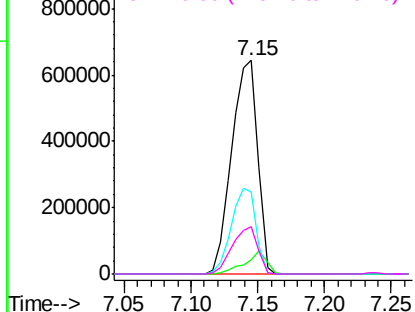
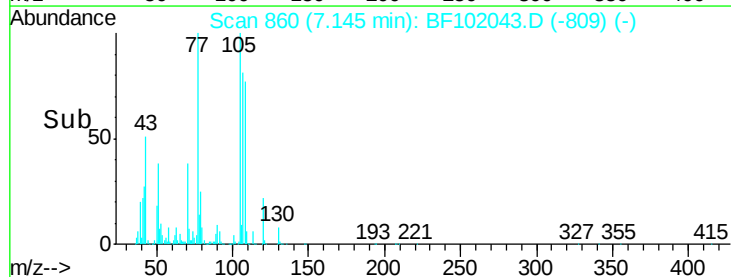


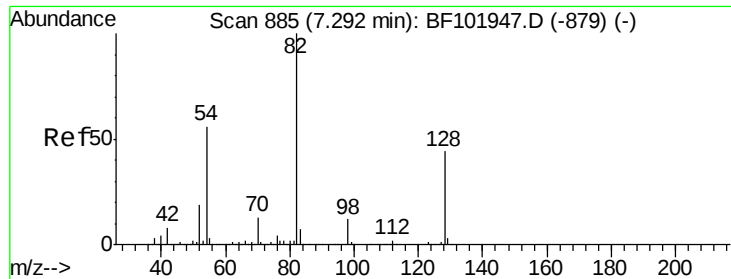
#22  
Acetophenone  
Concen: 39.099 ng  
RT: 7.15 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 879241 |       |       |
| 71      | 6.9   | 4.4    | 6.6#  |       |
| 51      | 38.1  | 22.3   | 33.5# |       |
| 120     | 22.0  | 16.9   | 25.3  |       |



Abundance Ion 105.00 (104.70 to 105.70): E  
1000000  
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





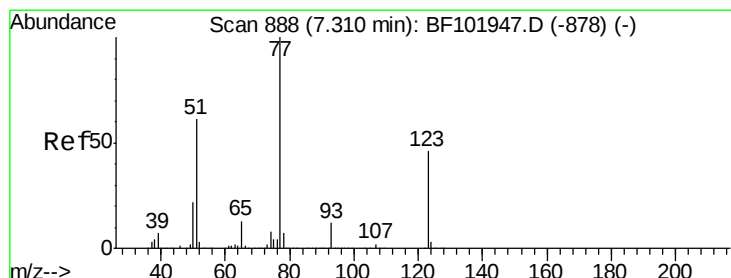
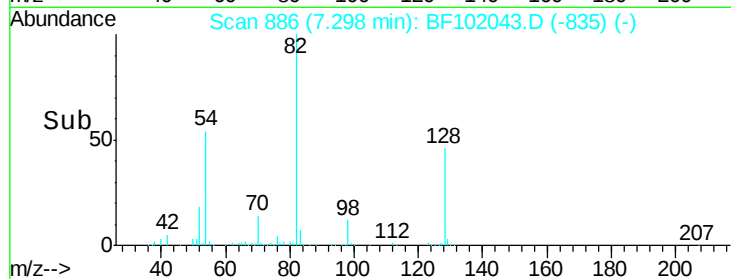
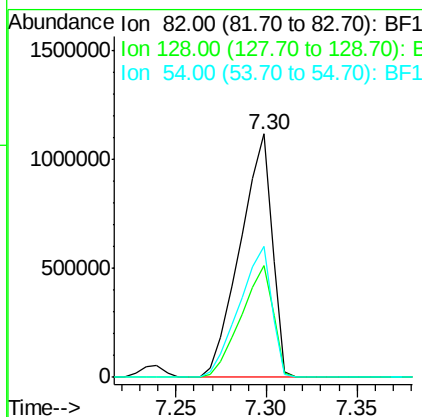
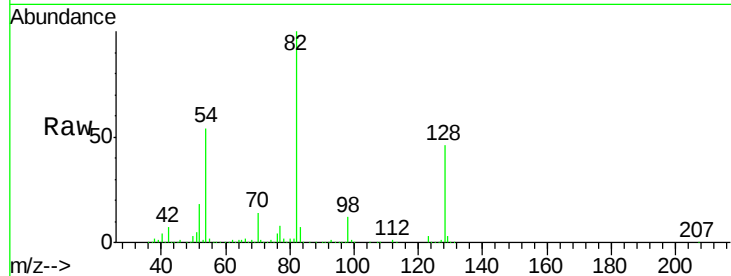
#23  
 Nitrobenzene-d5  
 Concen: 86.537 ng  
 RT: 7.30 min Scan# 886  
 Delta R.T. 0.00 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105599BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.1  | 36.1  | 54.1  |
| 54      | 53.8  | 41.4  | 62.2  |

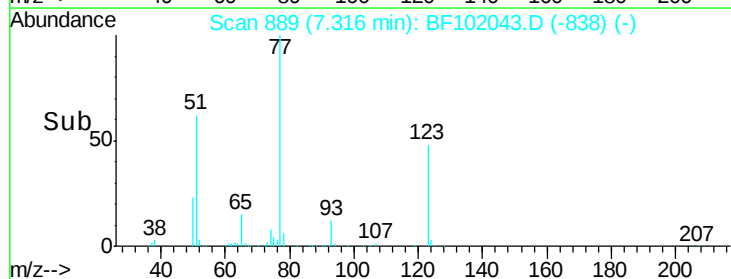
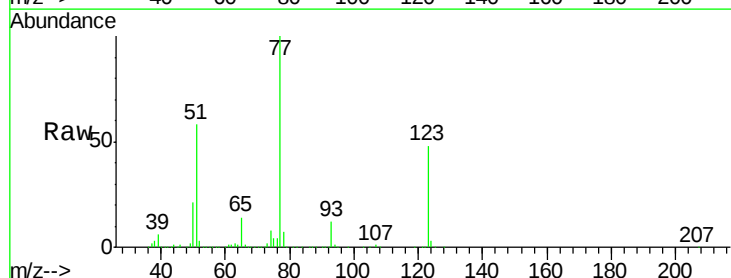
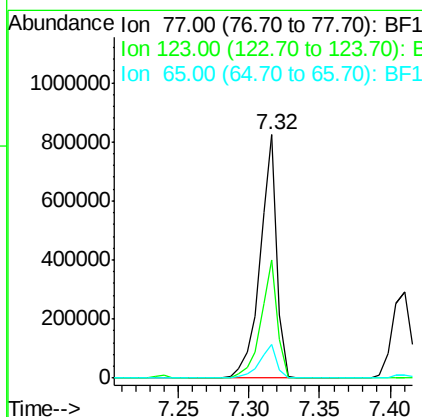
Manual Integrations  
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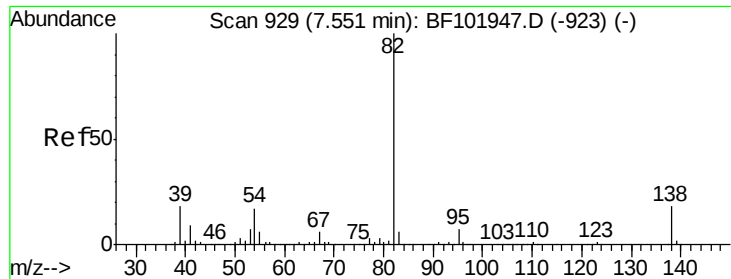
Sohil  
 1/15/2018 4:22:55 PM



#24  
 Nitrobenzene  
 Concen: 40.385 ng  
 RT: 7.32 min Scan# 889  
 Delta R.T. 0.00 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 48.3  | 37.9  | 56.9  |
| 65      | 13.9  | 11.0  | 16.4  |





#25

Isophorone

Concen: 41.589 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

ClientSampleId :

PB105599BS

Tgt Ion: 82 Resp: 1305147

Ion Ratio Lower Upper

82 100

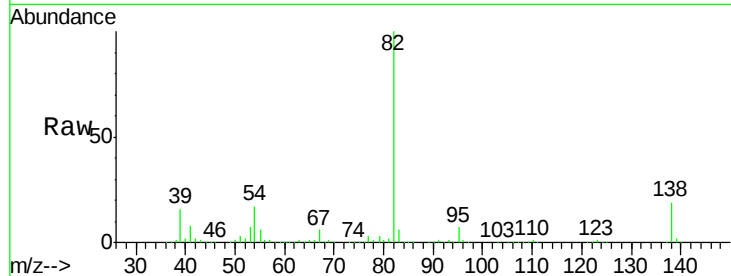
95 6.6 5.2 7.8

138 18.8 14.9 22.3

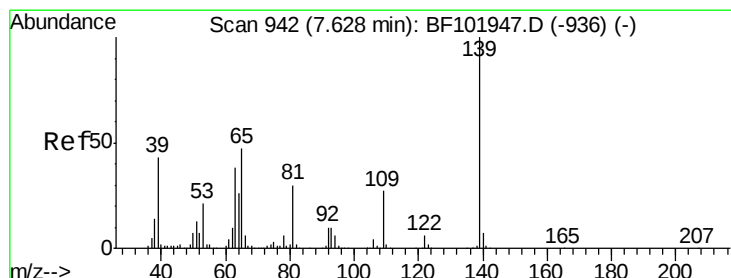
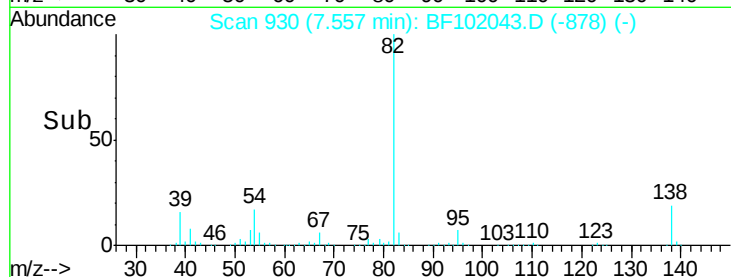
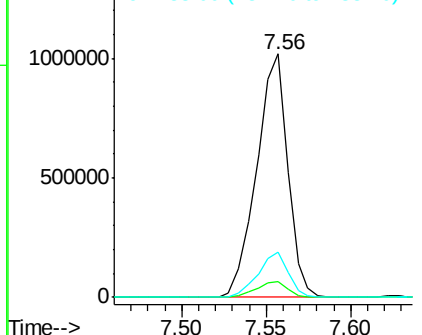
Manual Integrations  
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Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 52.701 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

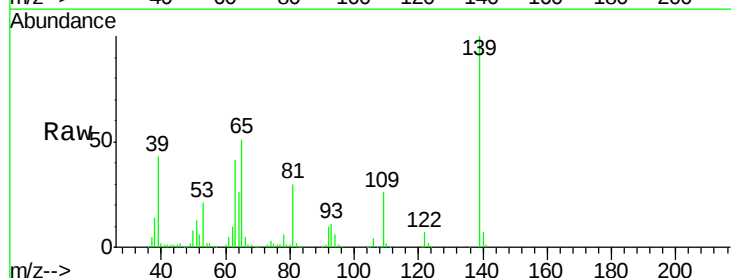
Tgt Ion: 139 Resp: 376446

Ion Ratio Lower Upper

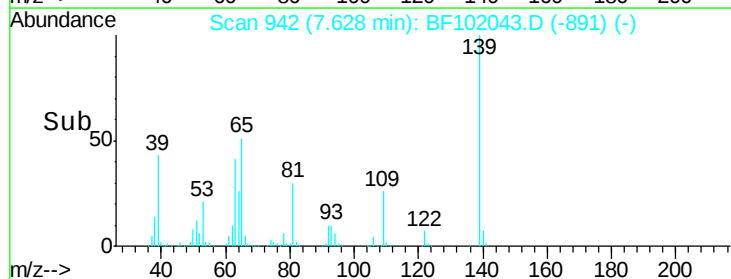
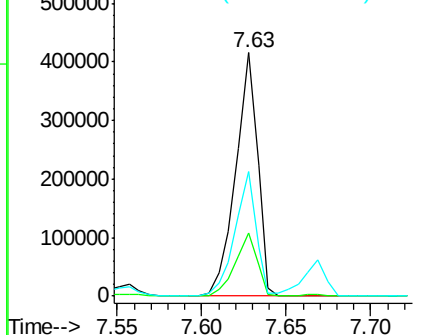
139 100

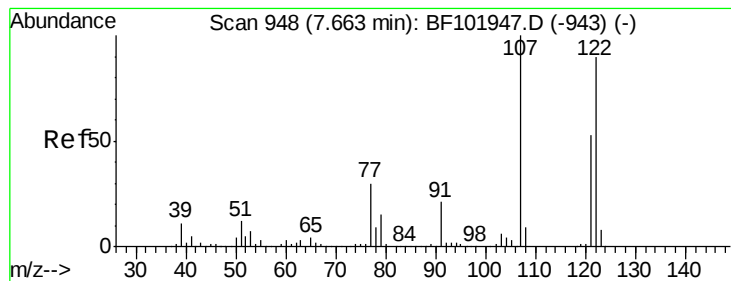
109 26.0 22.7 34.1

65 51.0 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1  
Ion 109.00 (108.70 to 109.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.443 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

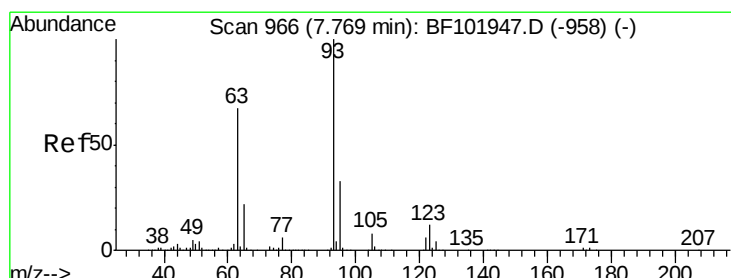
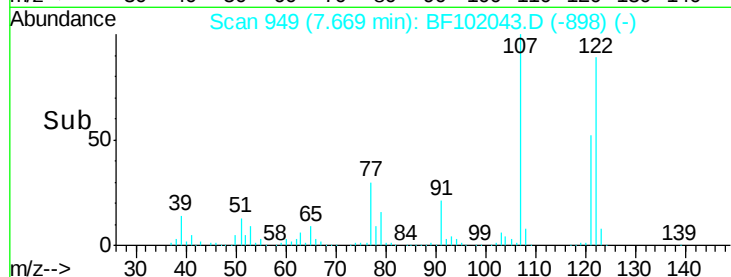
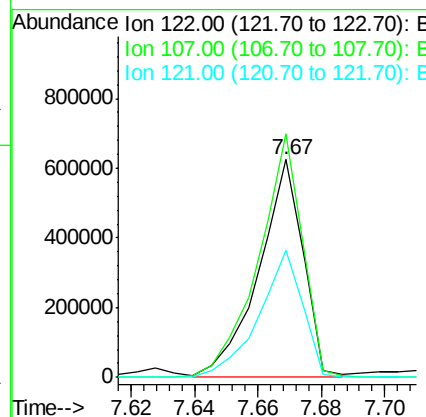
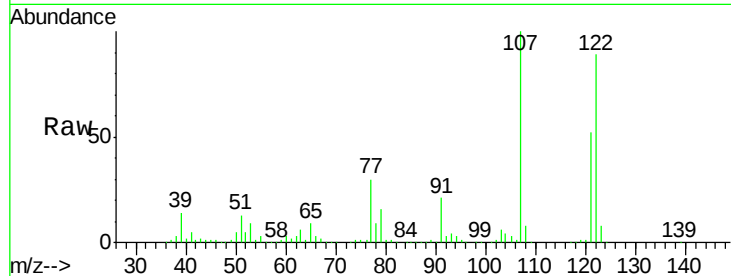
ClientSampleId :

PB105599BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 606221 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 111.8 | 91.2  | 136.8  |
| 121       | 58.5  | 47.2  | 70.8   |

Manual Integrations  
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#28

bis(2-Chloroethoxy)methane

Concen: 42.555 ng

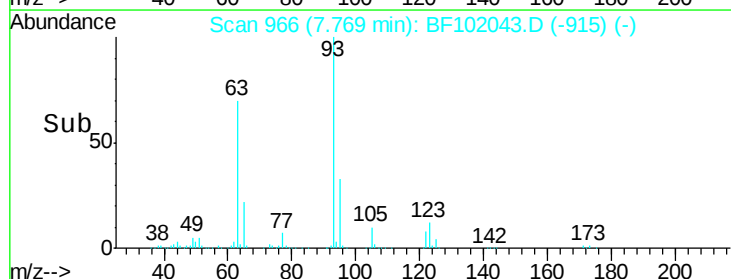
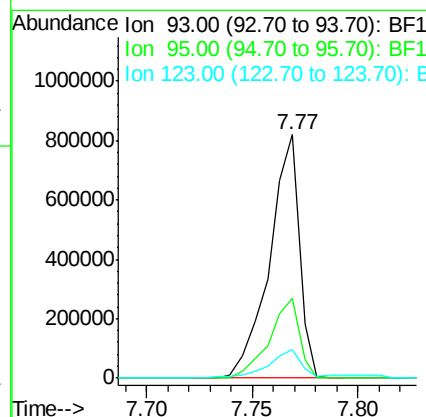
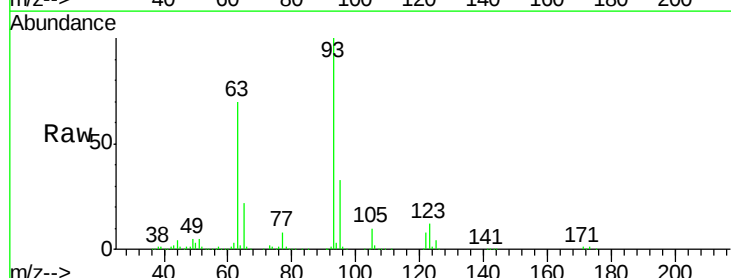
RT: 7.77 min Scan# 966

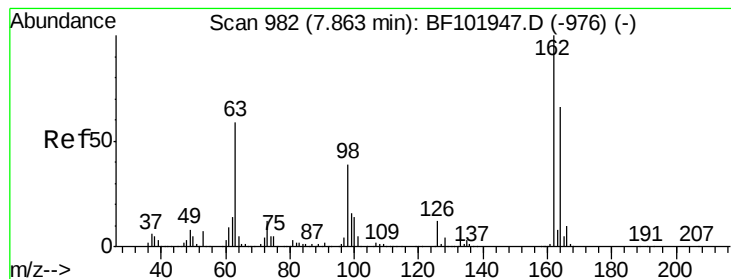
Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 806357 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.9  | 26.3  | 39.5   |
| 123       | 11.8  | 9.8   | 14.6   |





#29

2,4-Dichlorophenol

Concen: 43.191 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

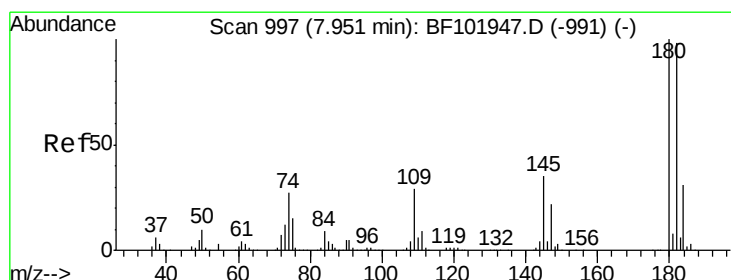
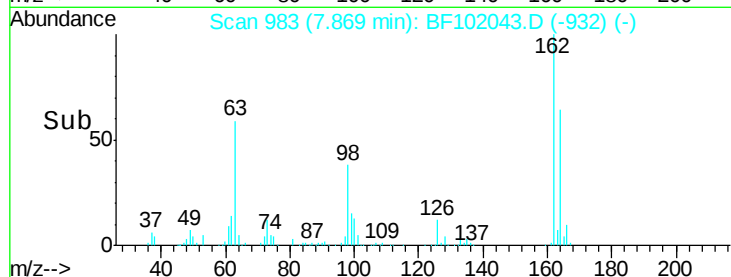
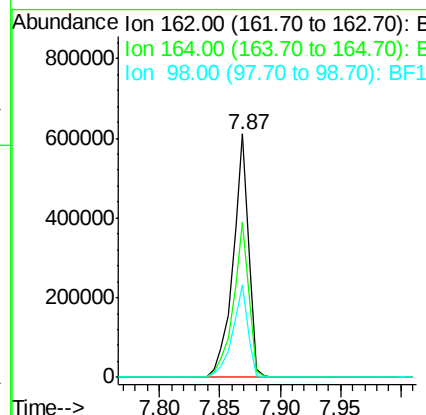
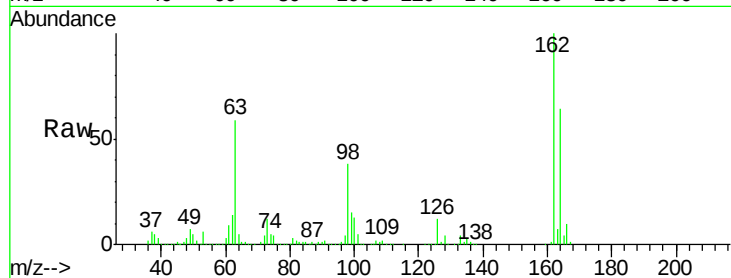
ClientSampleId :

PB105599BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 547106 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.9  | 42.7  | 82.7   |
| 98        | 37.8  | 18.1  | 58.1   |

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#30

1,2,4-Trichlorobenzene

Concen: 39.900 ng

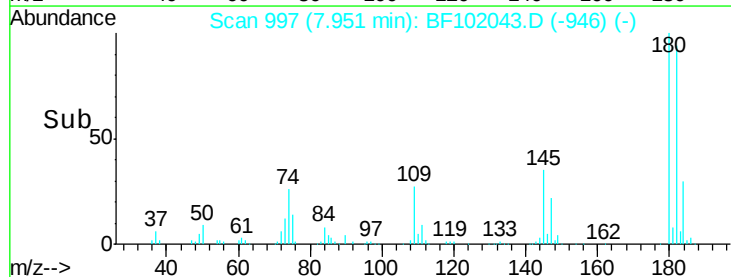
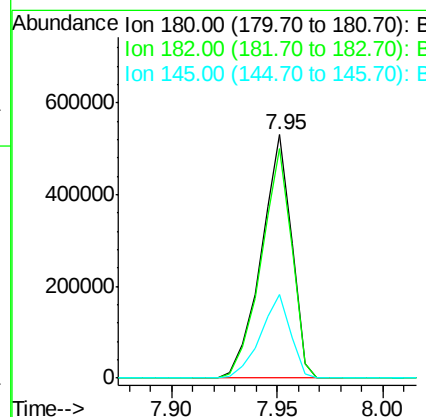
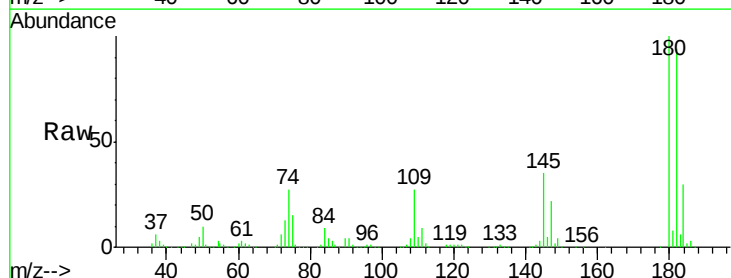
RT: 7.95 min Scan# 997

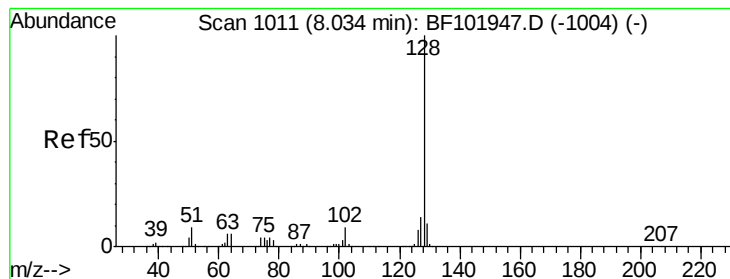
Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 528657 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.3  | 76.8  | 115.2  |
| 145       | 34.6  | 26.5  | 39.7   |





#31

Naphthalene

Concen: 38.944 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

ClientSampled :

PB105599BS

Tgt Ion:128 Resp: 1816197

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

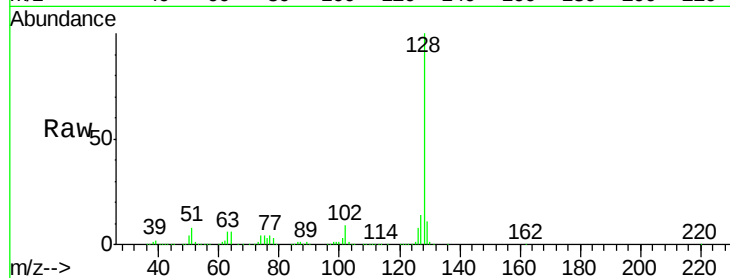
127 13.8 10.9 16.3

Manual Integrations

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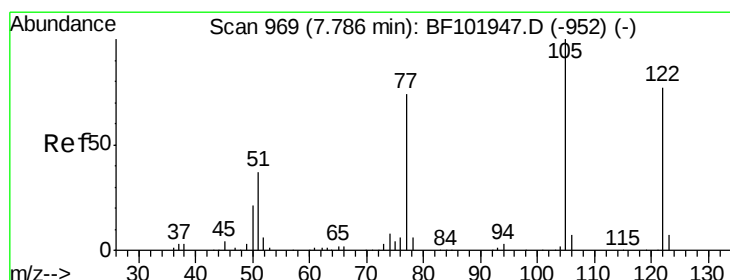
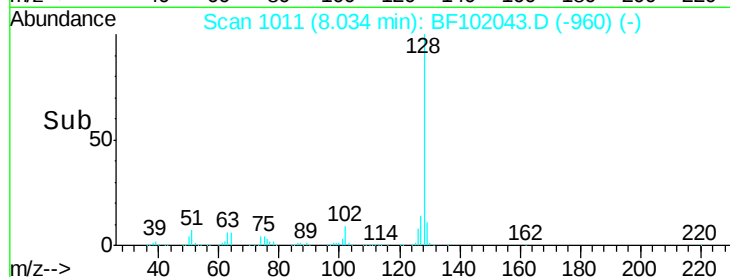
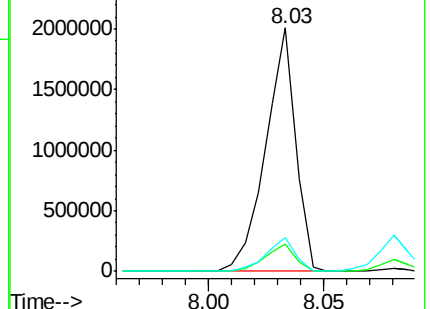
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.613 ng m

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

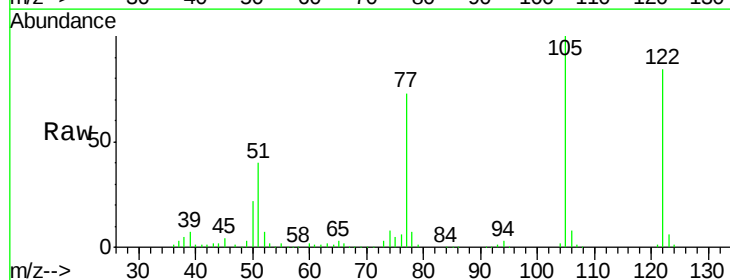
Tgt Ion:122 Resp: 461411

Ion Ratio Lower Upper

122 100

105 119.5 101.1 141.1

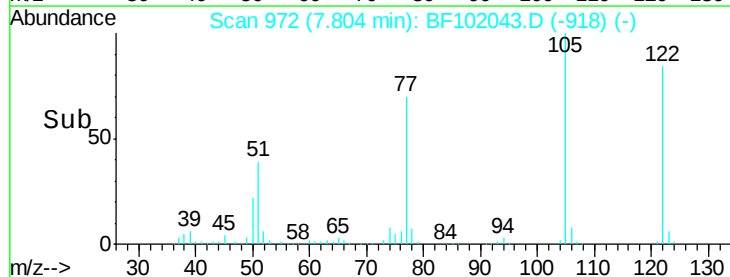
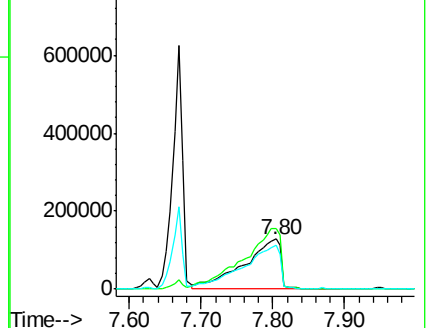
77 87.3 70.7 110.7

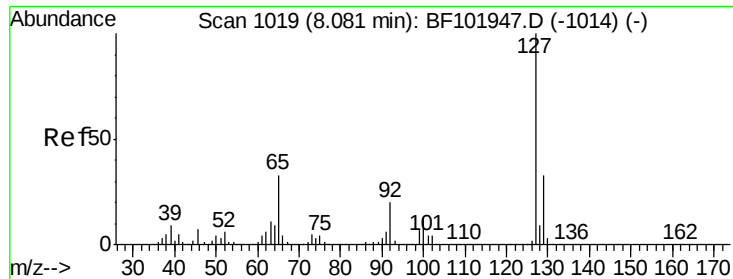


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





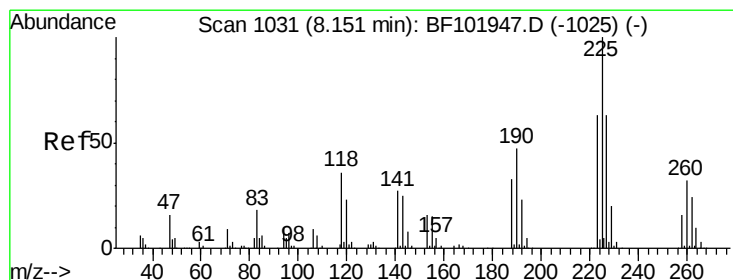
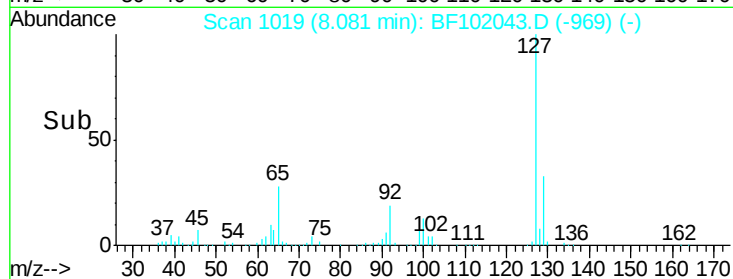
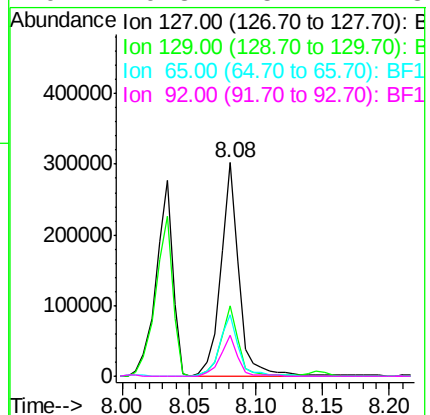
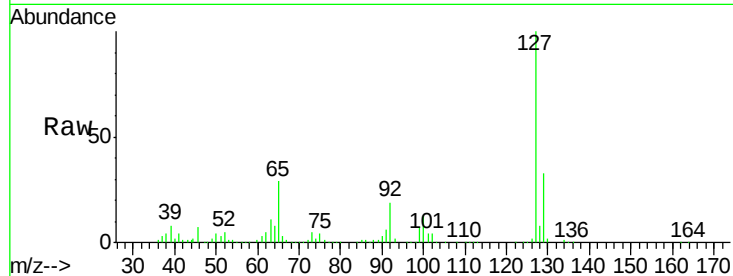
#33  
4-Chloroaniline  
Concen: 14.536 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB105599BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 289345 |       |       |
| 129     | 32.9  | 25.9   | 38.9  |       |
| 65      | 29.0  | 25.0   | 37.4  |       |
| 92      | 19.3  | 15.2   | 22.8  |       |

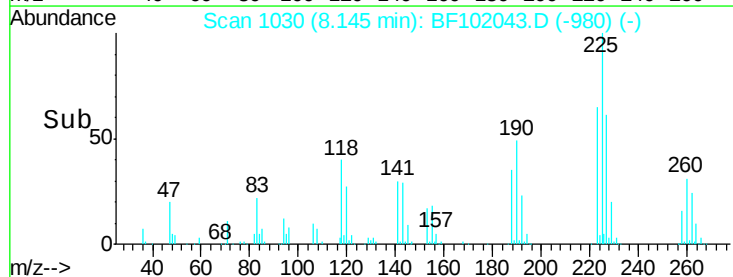
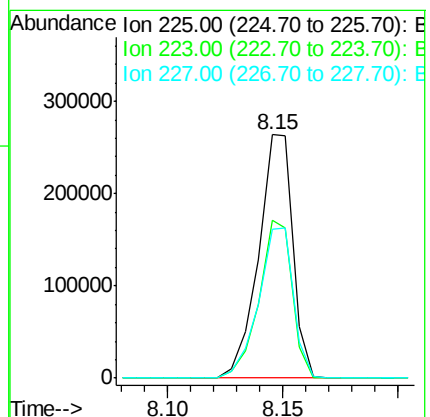
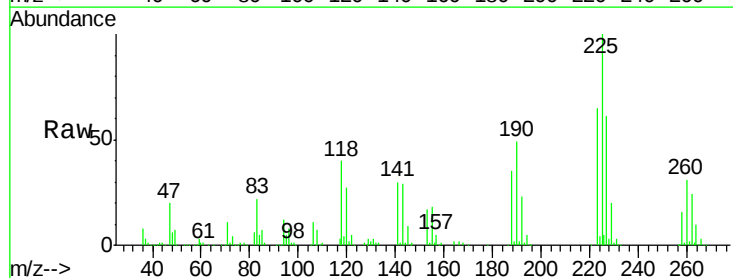
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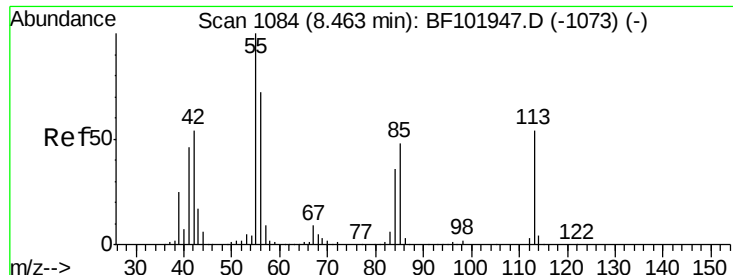
Sohil  
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#34  
Hexachlorobutadiene  
Concen: 38.977 ng  
RT: 8.15 min Scan# 1030  
Delta R.T. -0.01 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 273357 |       |       |
| 223     | 64.8  | 50.6   | 76.0  |       |
| 227     | 61.3  | 51.9   | 77.9  |       |





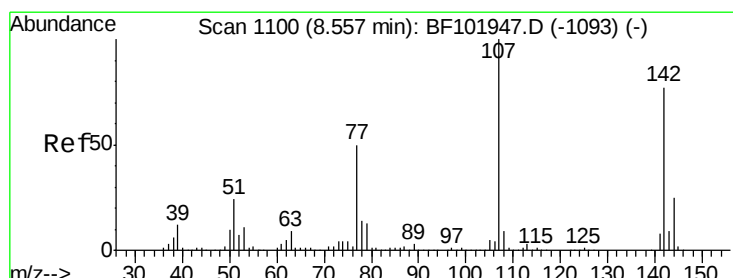
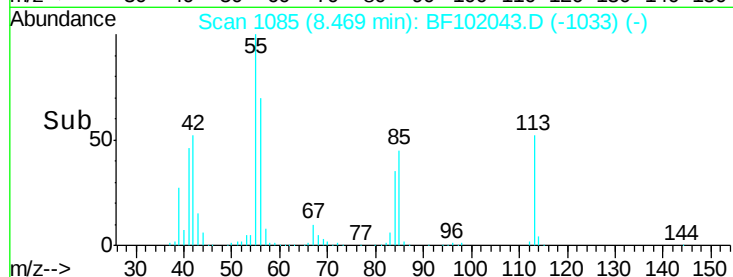
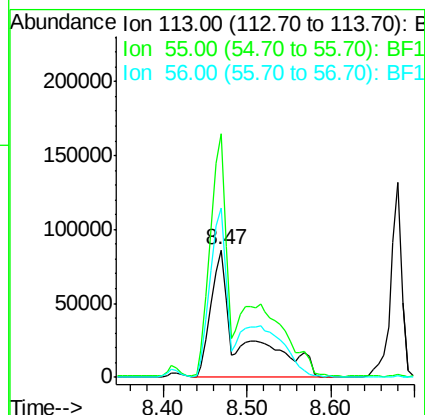
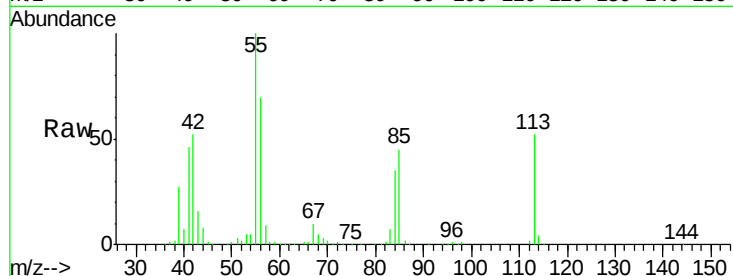
#35  
 Caprolactam  
 Concen: 49.548 ng m  
 RT: 8.47 min Scan# 1085  
 Delta R.T. 0.01 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB105599BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 191.2 | 163.3 | 203.3 |
| 56      | 133.5 | 115.7 | 155.7 |

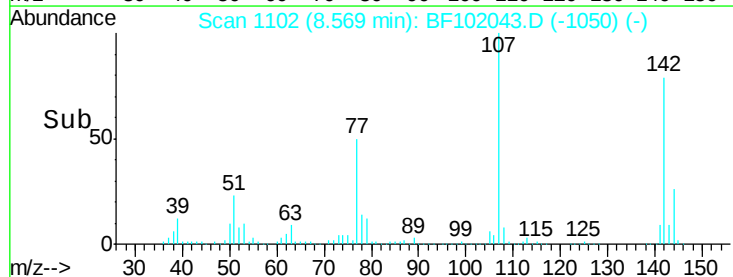
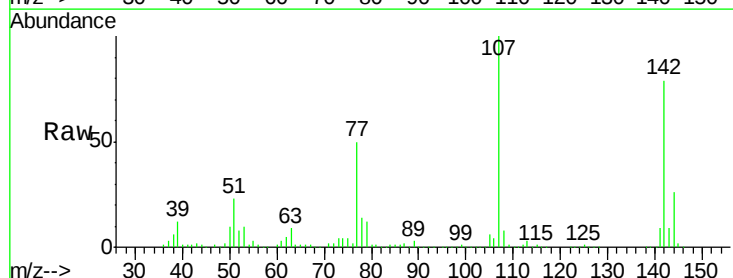
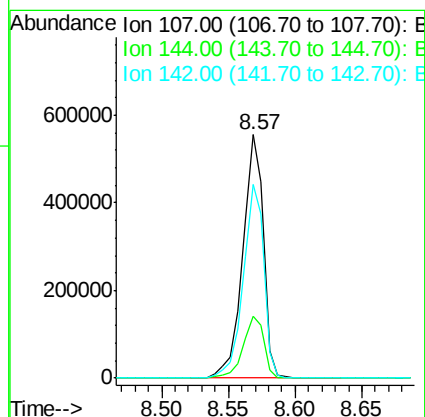
Manual Integrations  
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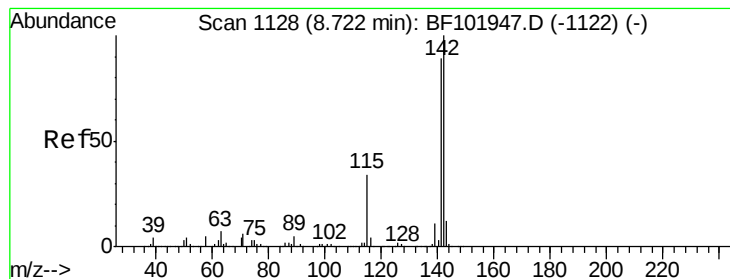
Sohil  
 1/15/2018 4:22:55 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.921 ng  
 RT: 8.57 min Scan# 1102  
 Delta R.T. 0.01 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.6  | 20.5  | 30.7  |
| 142     | 79.3  | 62.0  | 93.0  |





#37

2-Methylnaphthalene

Concen: 40.522 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

ClientSampleId :

PB105599BS

Tgt Ion:142 Resp: 1244082

Ion Ratio Lower Upper

142 100

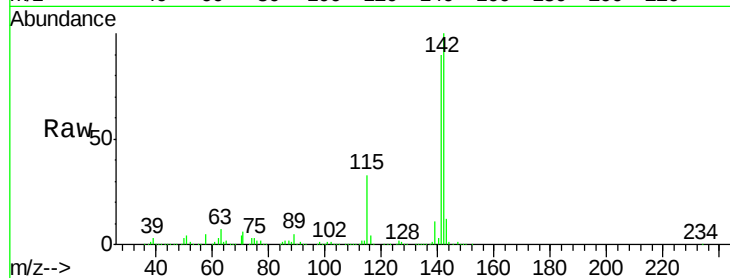
141 90.2 70.8 106.2

115 33.4 26.1 39.1

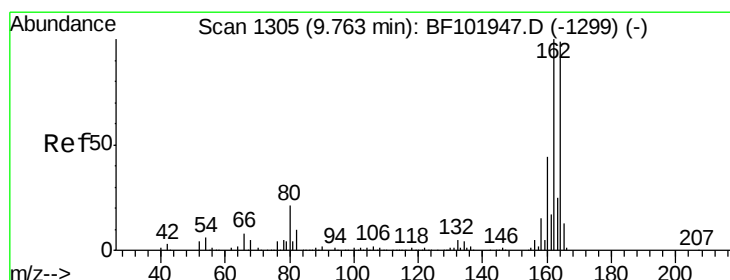
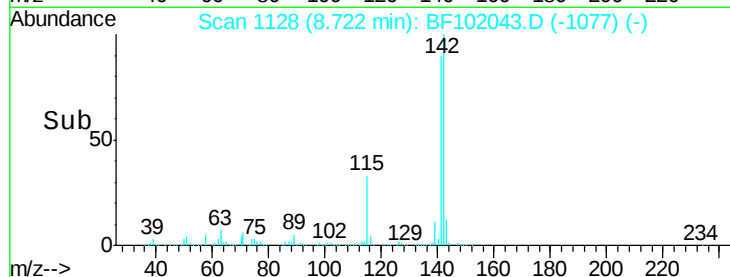
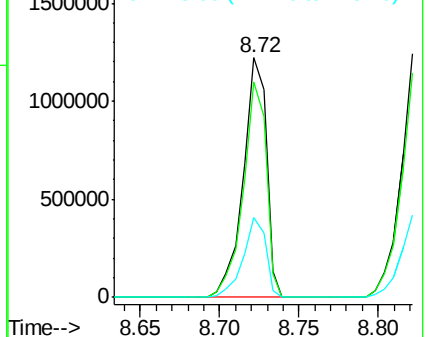
Manual Integrations  
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Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

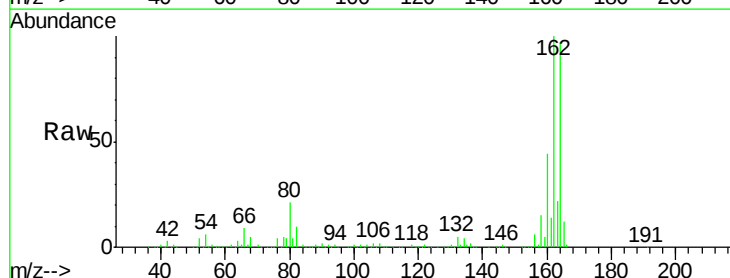
Tgt Ion:164 Resp: 407844

Ion Ratio Lower Upper

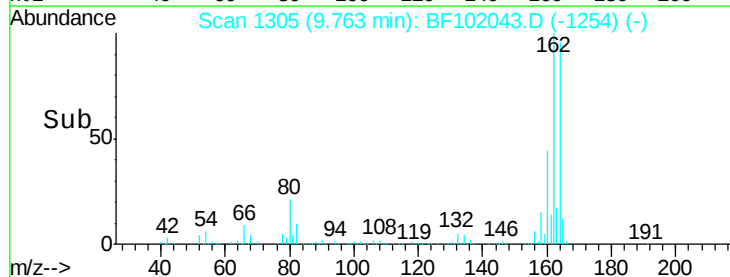
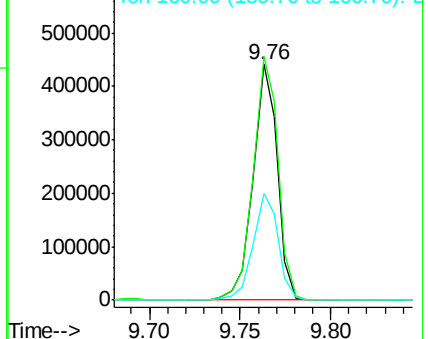
164 100

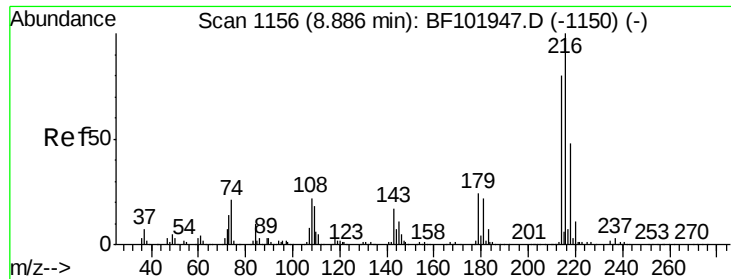
162 103.3 86.1 129.1

160 45.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





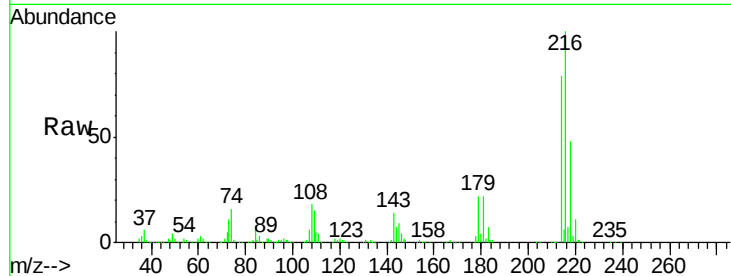
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.599 ng  
 RT: 8.89 min Scan# 1157  
 Delta R.T. 0.01 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105599BS

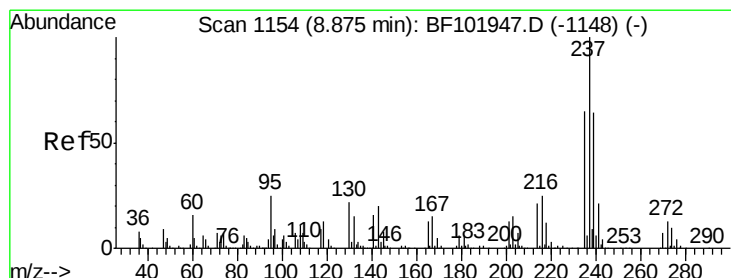
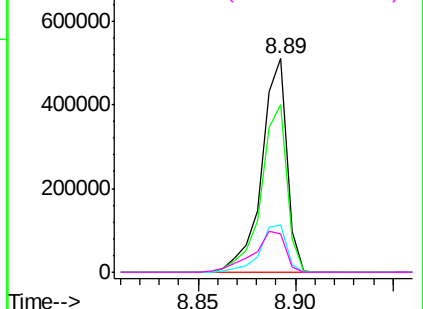
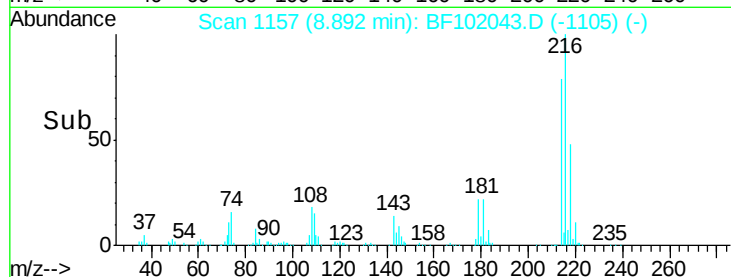
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 456901 |       |       |
| 214     | 80.3  | 63.0   | 94.4  |       |
| 179     | 23.4  | 18.1   | 27.1  |       |
| 108     | 24.8  | 17.2   | 25.8  |       |

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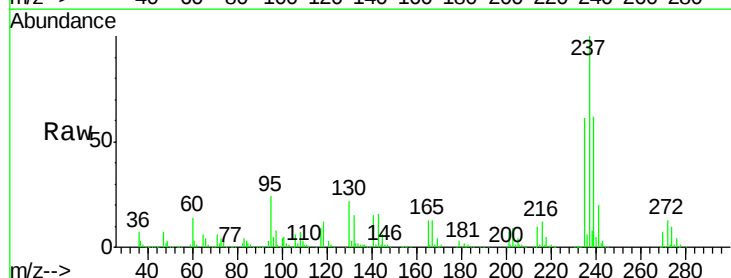


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

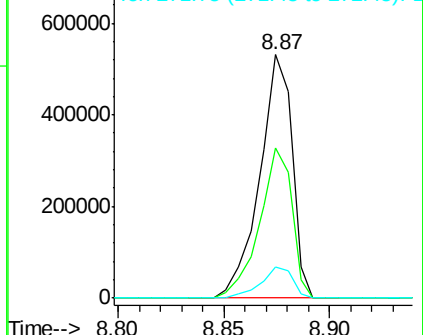
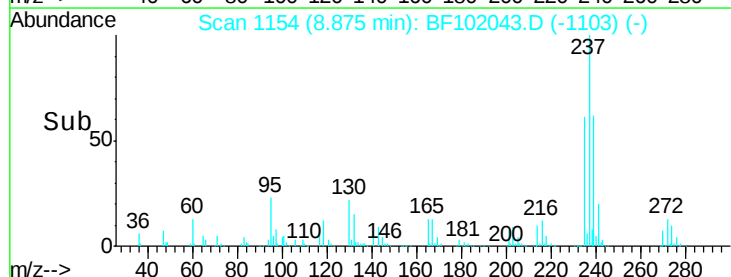


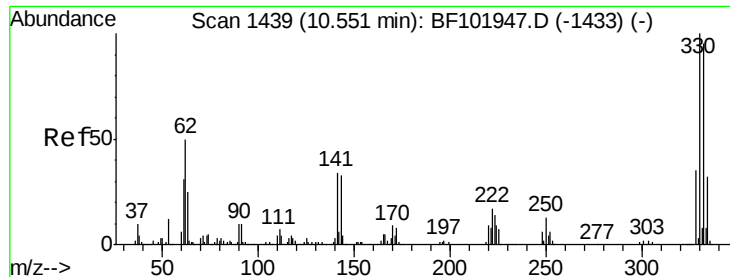
#40  
 Hexachlorocyclopentadiene  
 Concen: 90.019 ng  
 RT: 8.87 min Scan# 1154  
 Delta R.T. 0.00 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 568033 |       |       |
| 235     | 61.5  | 44.8   | 84.8  |       |
| 272     | 12.8  | 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





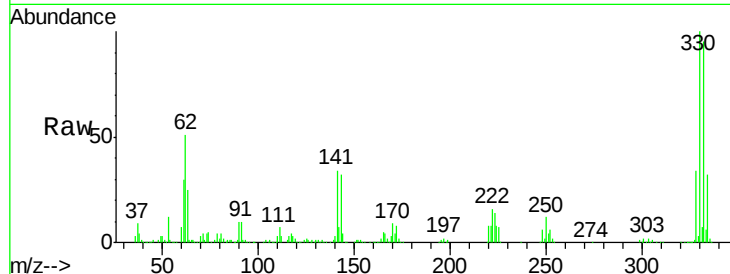
#41  
 2,4,6-Tribromophenol  
 Concen: 121.779 ng  
 RT: 10.56 min Scan# 1440  
 Delta R.T. 0.01 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105599BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 433435 |       |       |
| 332     | 97.0  | 77.0   | 115.6 |       |
| 141     | 37.6  | 29.9   | 44.9  |       |

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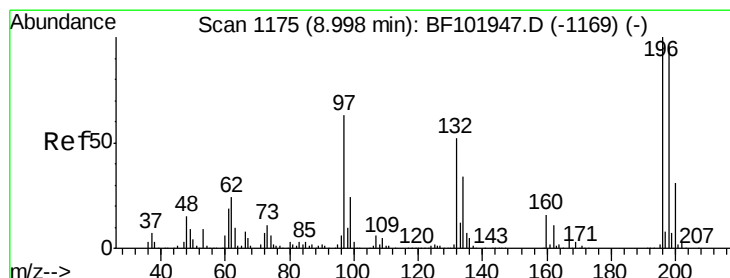
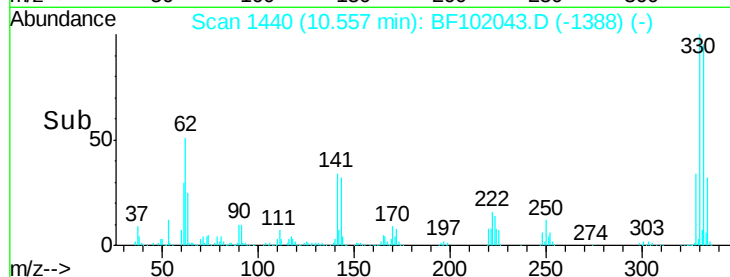
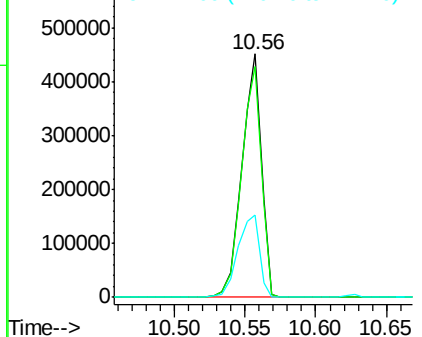


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 45.267 ng  
 RT: 9.00 min Scan# 1176  
 Delta R.T. 0.01 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

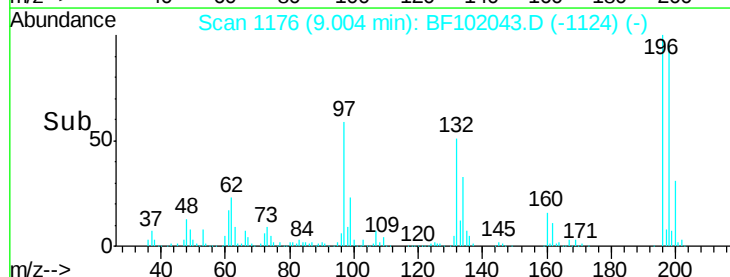
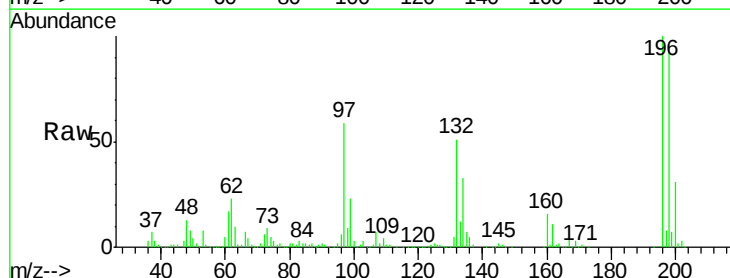
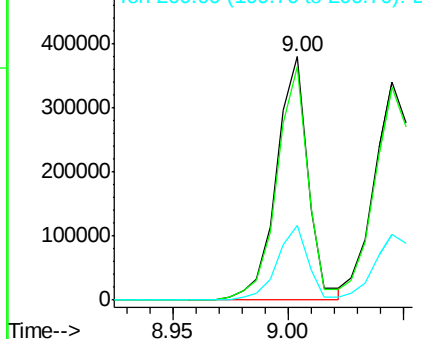
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 359925 |       |       |
| 198     | 95.7  | 75.7   | 113.5 |       |
| 200     | 30.9  | 24.5   | 36.7  |       |

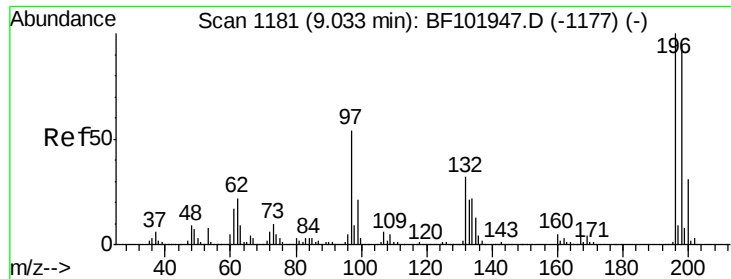
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





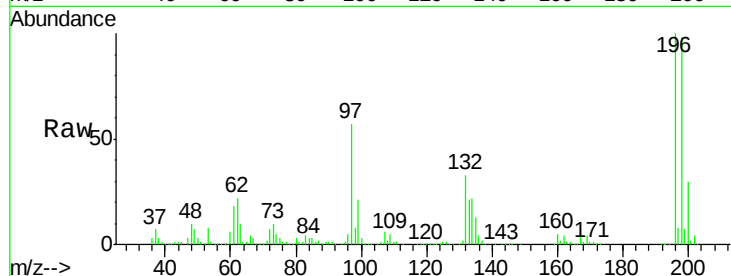
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.082 ng  
 RT: 9.05 min Scan# 1183  
 Delta R.T. 0.01 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105599BS

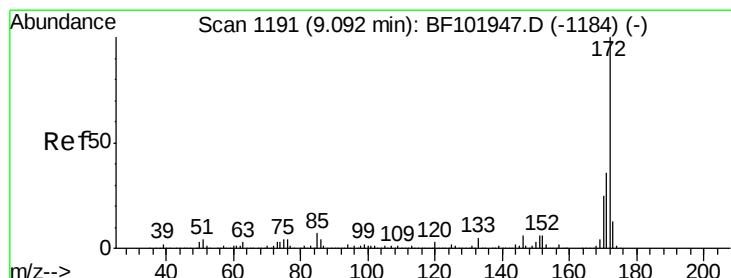
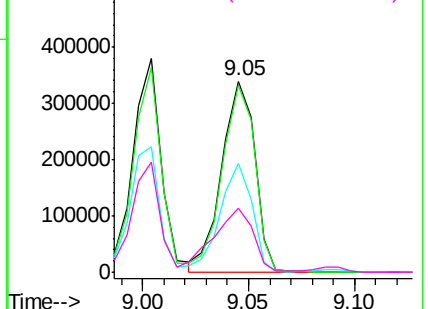
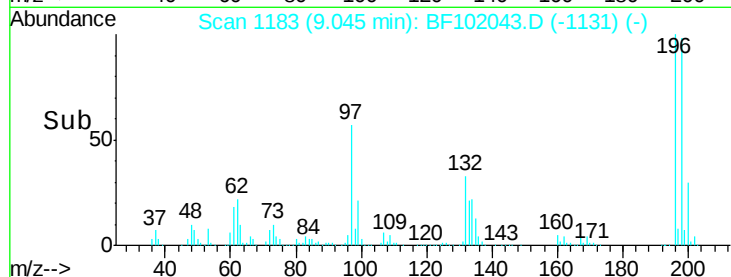
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 369190 |       |       |
| 198     | 97.9  | 74.6   | 112.0 |       |
| 97      | 56.7  | 42.9   | 64.3  |       |
| 132     | 33.2  | 26.3   | 39.5  |       |

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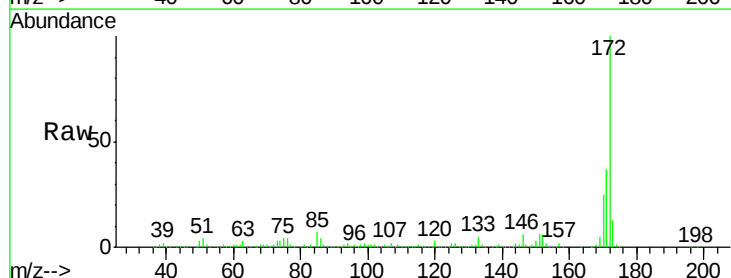


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

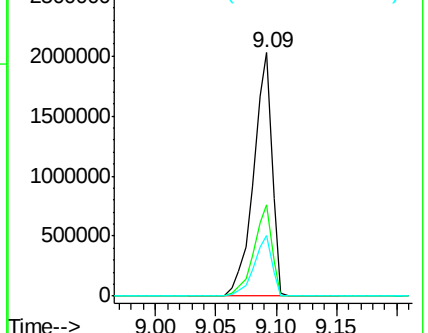
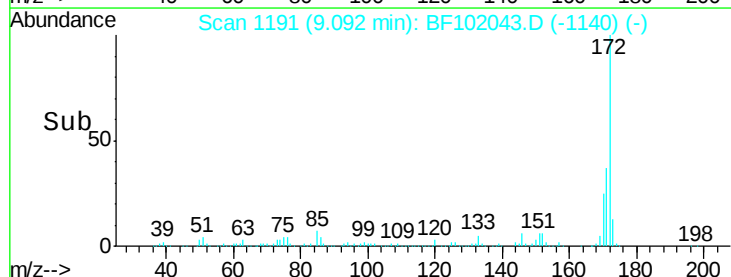


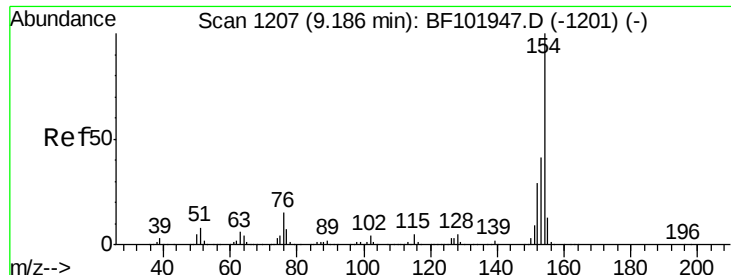
#44  
 2-Fluorobiphenyl  
 Concen: 83.161 ng  
 RT: 9.09 min Scan# 1191  
 Delta R.T. 0.00 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 2170976 |       |       |
| 171     | 37.5  | 29.7    | 44.5  |       |
| 170     | 24.9  | 19.6    | 29.4  |       |



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





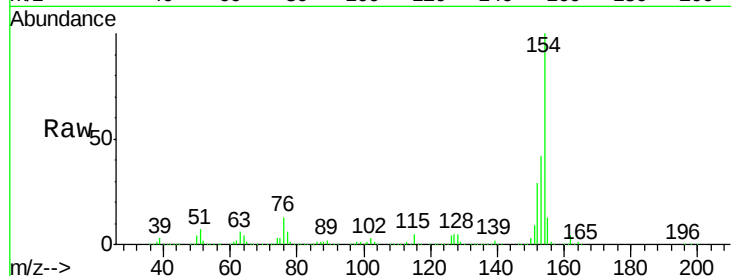
#45  
 1,1'-Biphenyl  
 Concen: 39.244 ng  
 RT: 9.19 min Scan# 1208  
 Delta R.T. 0.00 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105599BS

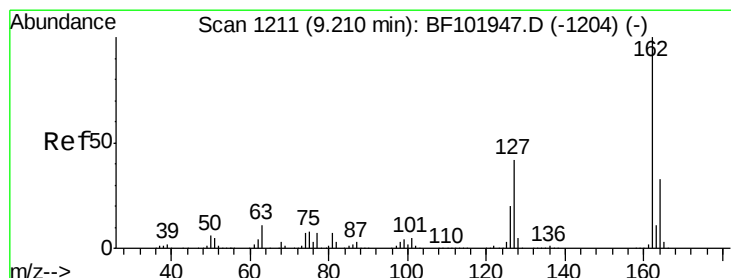
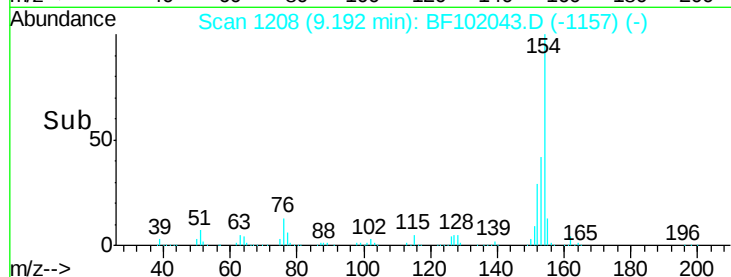
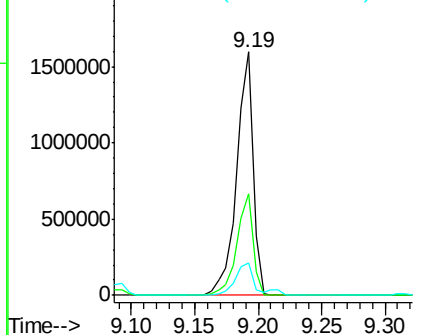
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.7  | 21.3  | 61.3  |
| 76      | 13.1  | 0.0   | 34.0  |

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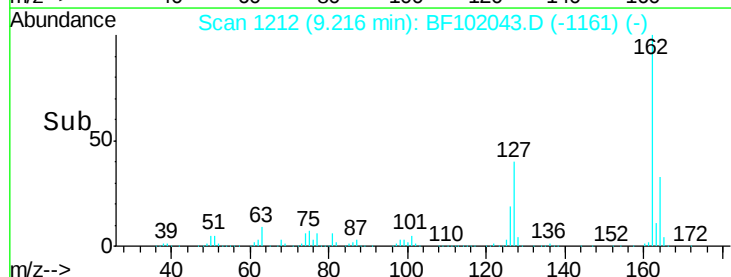
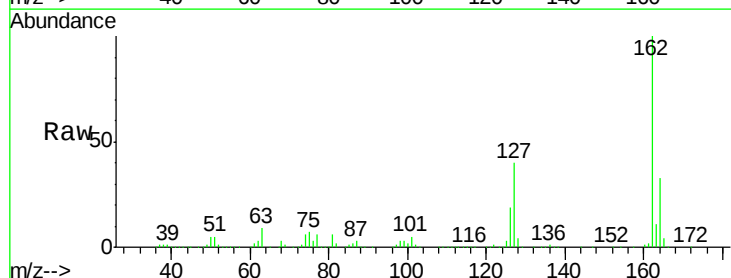
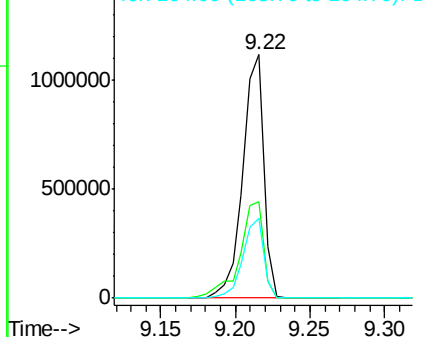
Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

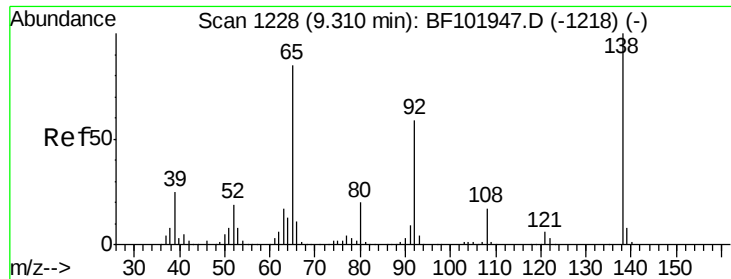


#46  
 2-Chloronaphthalene  
 Concen: 38.959 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. 0.00 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.7  | 33.9  | 50.9  |
| 164     | 32.9  | 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





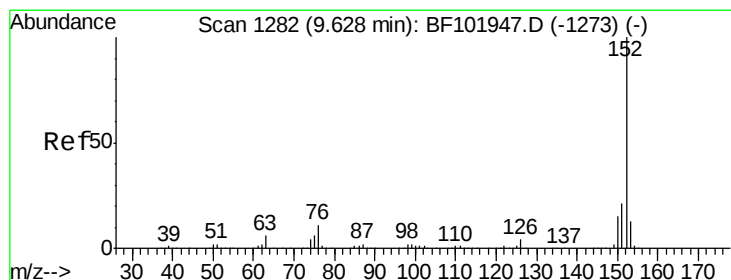
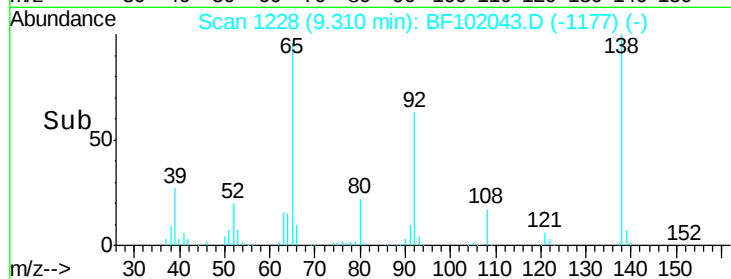
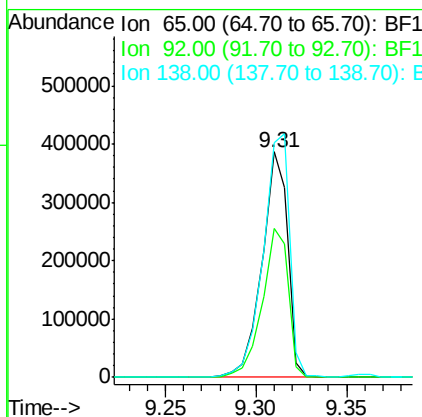
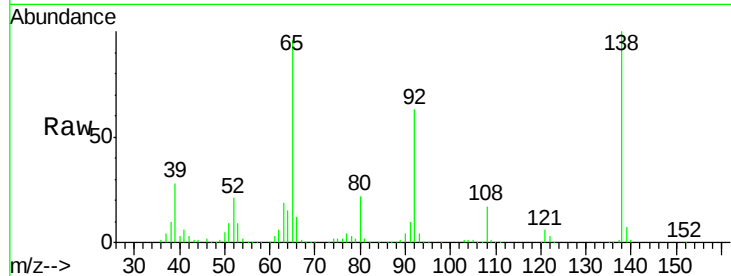
#47  
2-Nitroaniline  
Concen: 45.648 ng  
RT: 9.31 min Scan# 1228  
Delta R.T. 0.00 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

Instrument :  
BNA\_F  
ClientSampled :  
PB105599BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.2  | 55.8  | 83.6  |
| 138     | 104.3 | 91.2  | 136.8 |

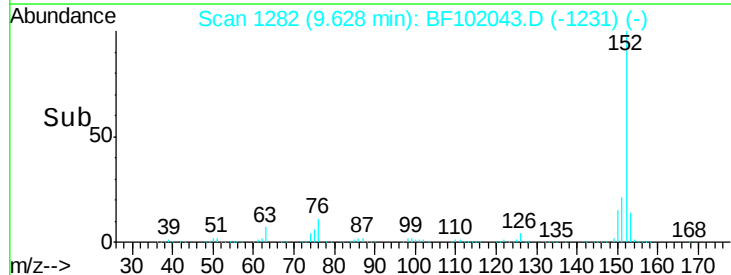
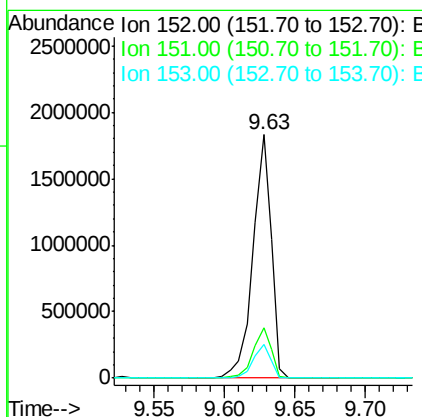
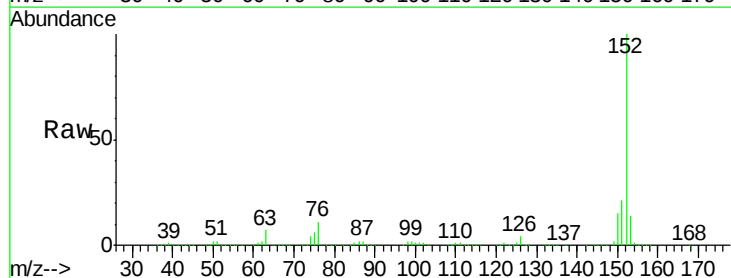
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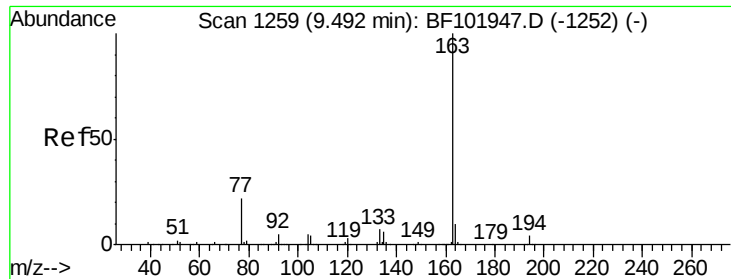
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#48  
Acenaphthylene  
Concen: 37.659 ng  
RT: 9.63 min Scan# 1282  
Delta R.T. 0.00 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.5  | 16.3  | 24.5  |
| 153     | 13.7  | 10.7  | 16.1  |





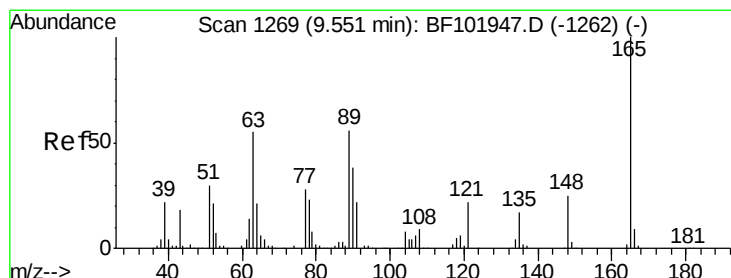
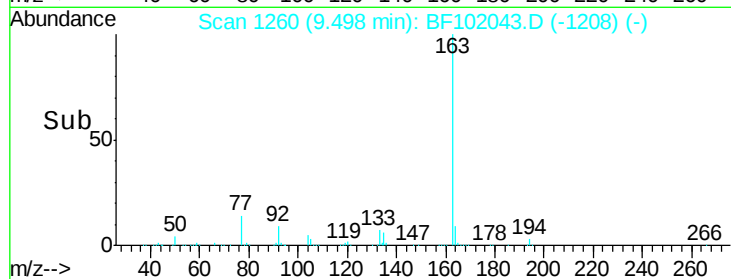
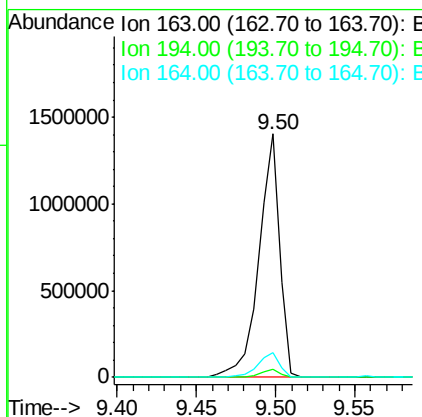
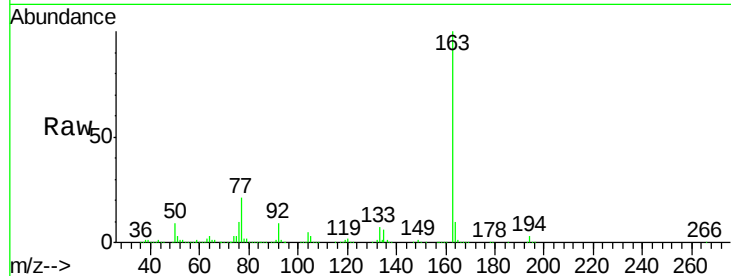
#49  
Dimethylphthalate  
Concen: 39.327 ng  
RT: 9.50 min Scan# 1260  
Delta R.T. 0.01 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB105599BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.5   | 2.7   | 4.1   |
| 164     | 10.0  | 8.2   | 12.2  |

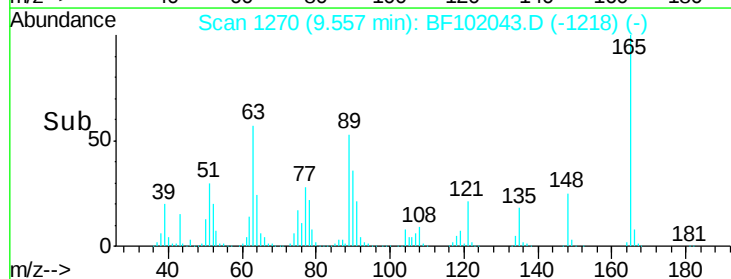
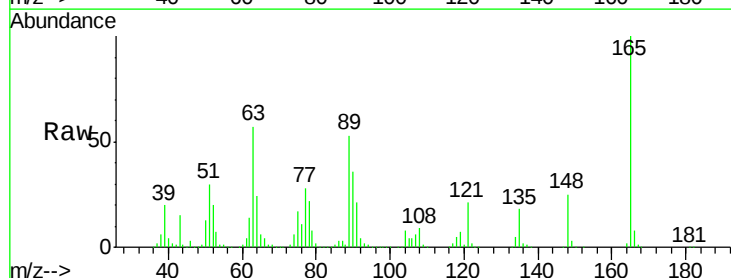
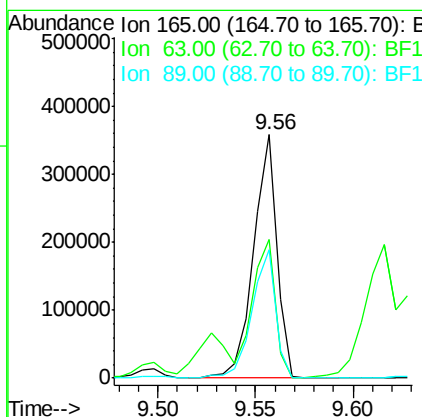
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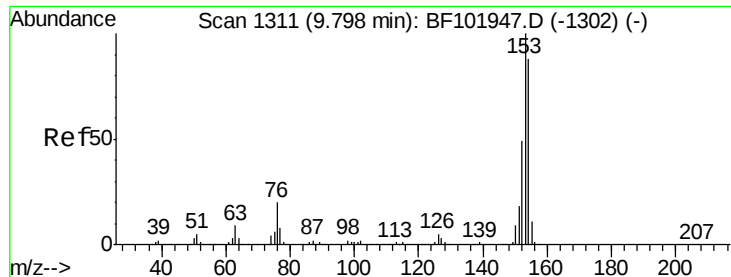
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#50  
2,6-Dinitrotoluene  
Concen: 45.469 ng  
RT: 9.56 min Scan# 1270  
Delta R.T. 0.01 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 57.1  | 44.7  | 67.1  |
| 89      | 52.8  | 44.0  | 66.0  |





#51

Acenaphthene

Concen: 36.898 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

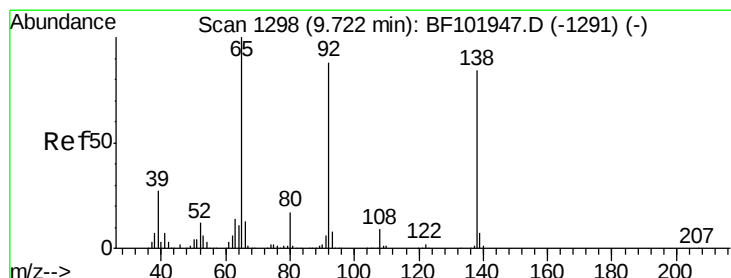
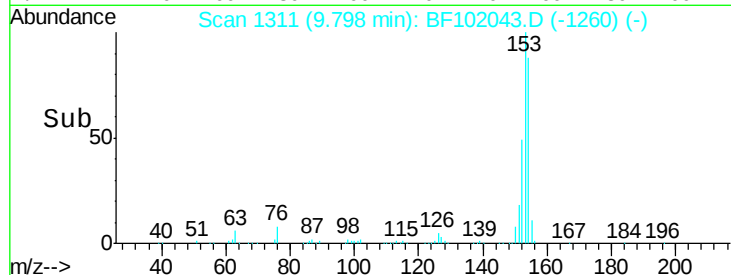
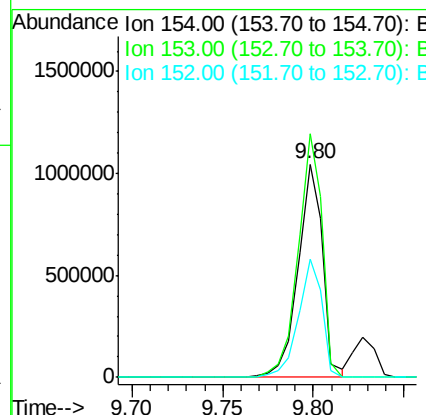
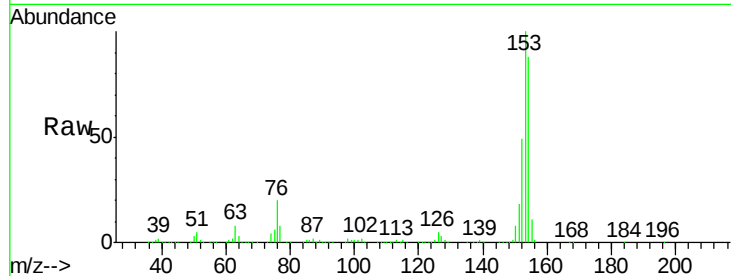
ClientSampleId :

PB105599BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 993533 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.2 | 91.2  | 136.8  |
| 152       | 55.7  | 43.8  | 65.8   |

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#52

3-Nitroaniline

Concen: 28.860 ng

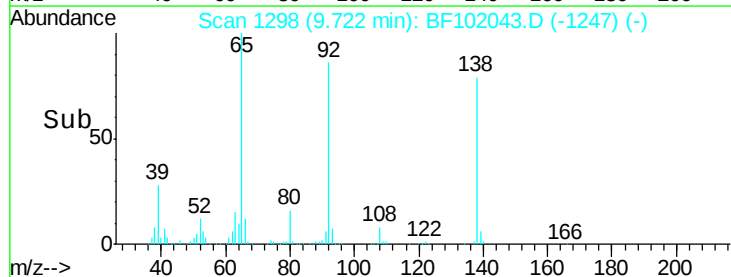
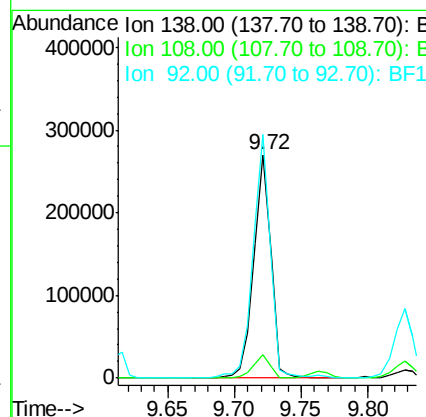
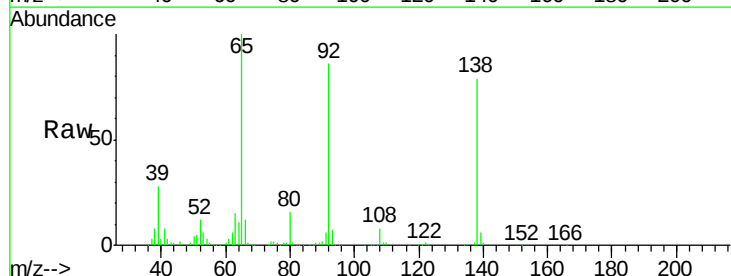
RT: 9.72 min Scan# 1298

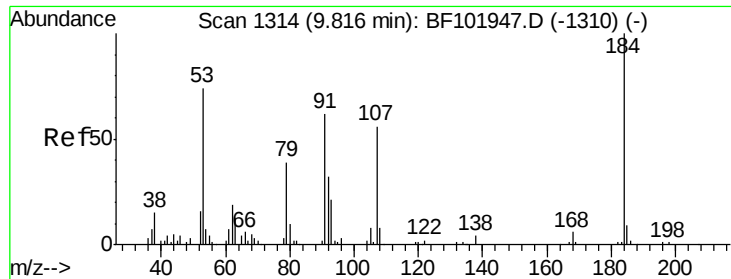
Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 238042 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.5  | 9.4   | 14.0   |
| 92        | 108.8 | 89.4  | 134.2  |





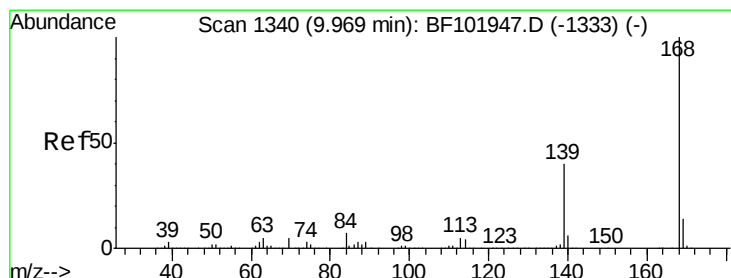
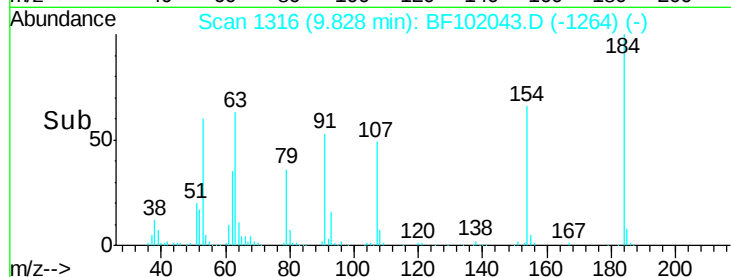
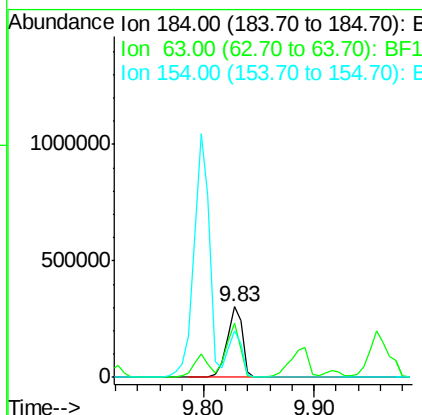
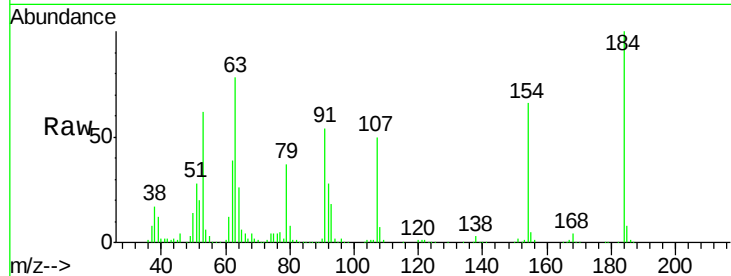
#53  
2,4-Dinitrophenol  
Concen: 114.410 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. 0.01 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

Instrument :  
BNA\_F  
ClientSampled :  
PB105599BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 296174 |       |       |
| 63      | 77.9  | 54.2   | 81.2  |       |
| 154     | 65.9  | 184.0  | 276.0 |       |

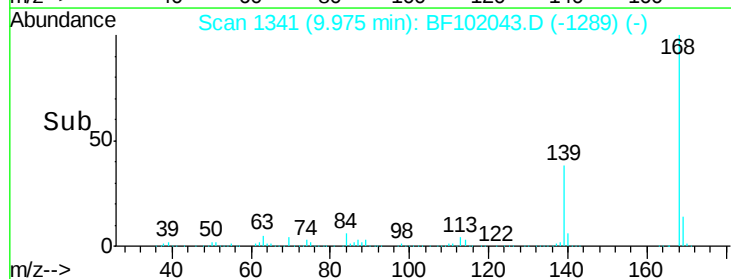
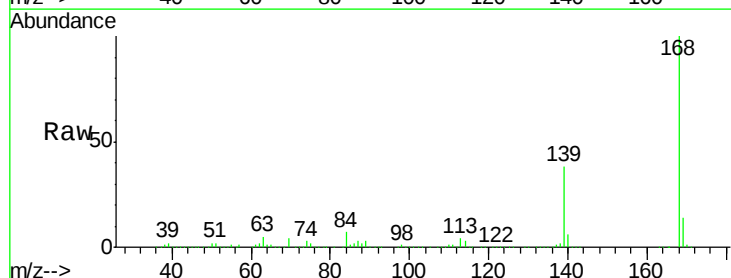
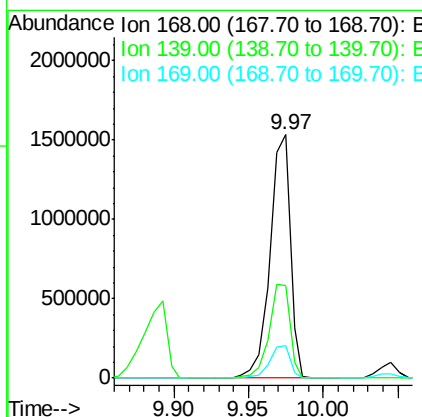
Manual Integrations  
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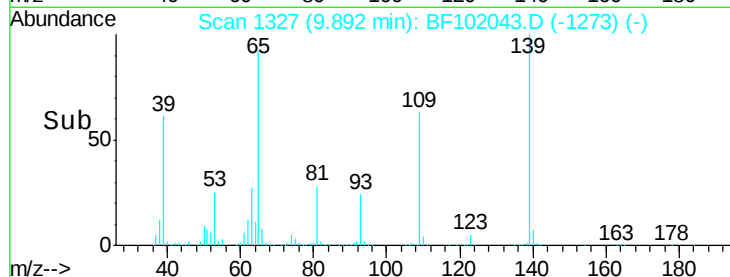
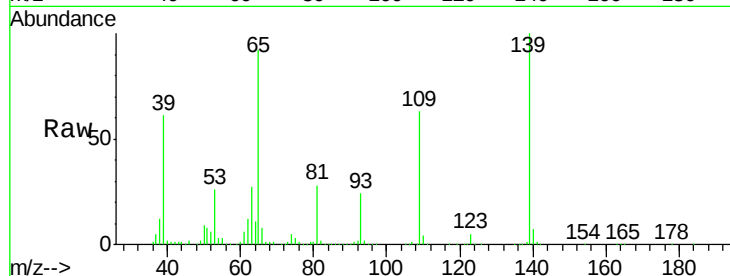
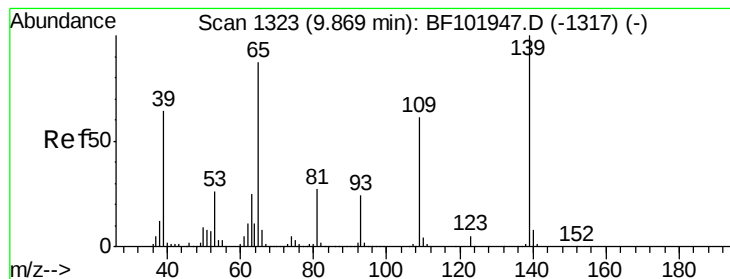
Sohil  
1/15/2018 4:22:55 PM



#54  
Dibenzofuran  
Concen: 38.932 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. 0.01 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1438751 |       |       |
| 139     | 38.2  | 30.1    | 45.1  |       |
| 169     | 13.5  | 10.9    | 16.3  |       |





#55

4-Nitrophenol

Concen: 87.772 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.02 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 539510 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 63.5  | 48.4  | 88.4   |
| 65        | 91.6  | 72.6  | 112.6  |

Instrument :

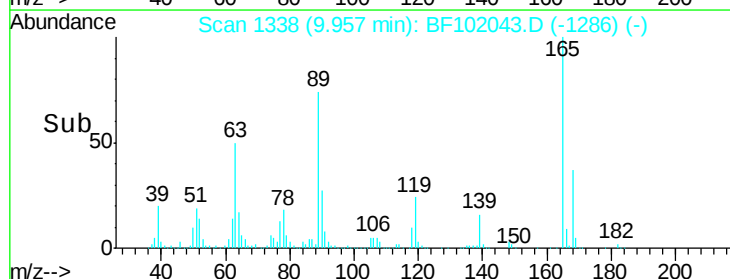
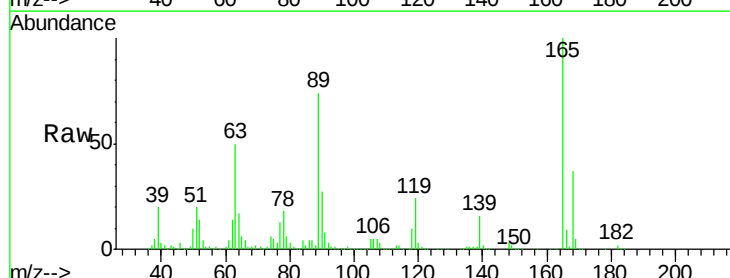
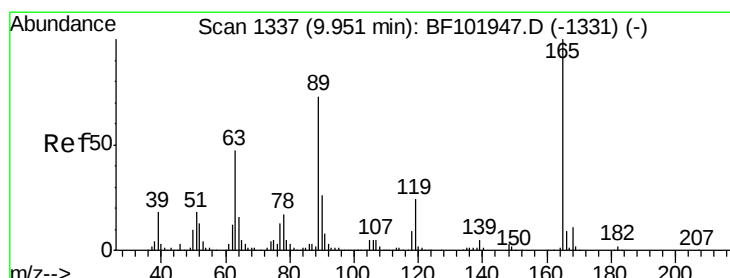
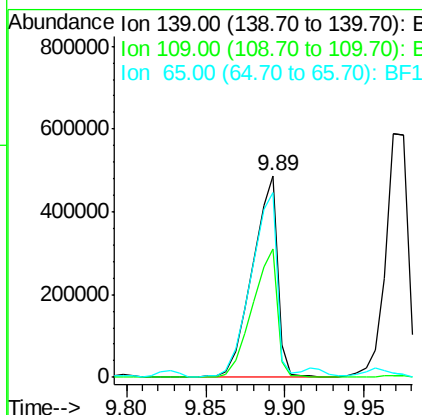
BNA\_F

ClientSampleId :

PB105599BS

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#56

2,4-Dinitrotoluene

Concen: 47.398 ng

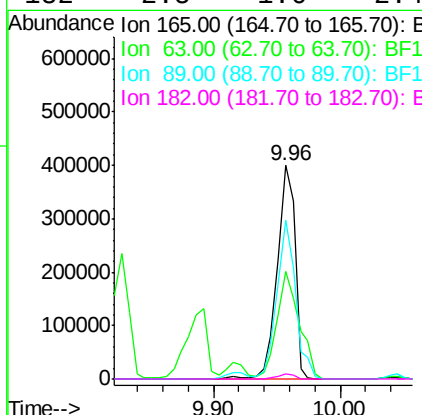
RT: 9.96 min Scan# 1338

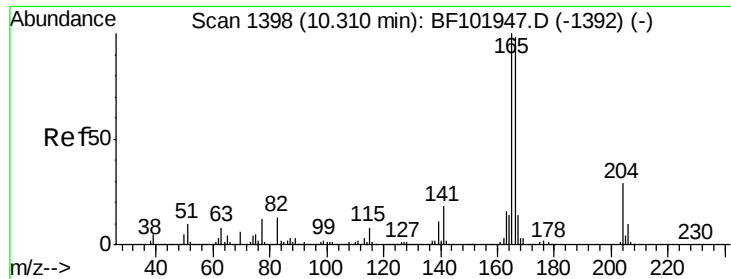
Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 388250 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 50.5  | 36.4  | 54.6   |
| 89        | 74.5  | 57.8  | 86.6   |
| 182       | 2.5   | 1.6   | 2.4#   |





#57

Fluorene

Concen: 41.083 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

ClientSampleId :

PB105599BS

Tgt Ion:166 Resp: 1049528

Ion Ratio Lower Upper

166 100

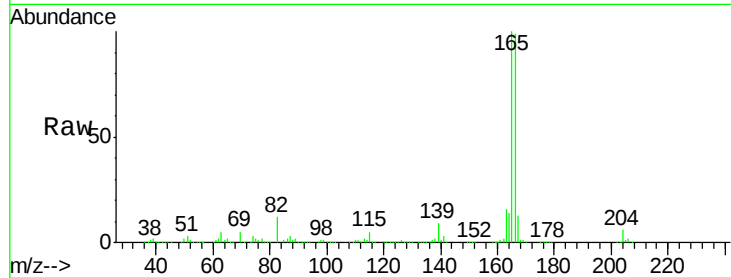
165 100.9 79.8 119.8

167 13.3 10.6 16.0

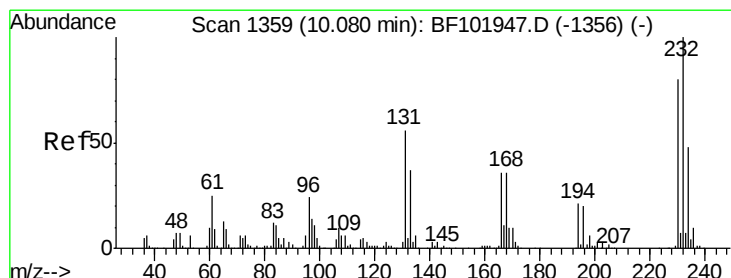
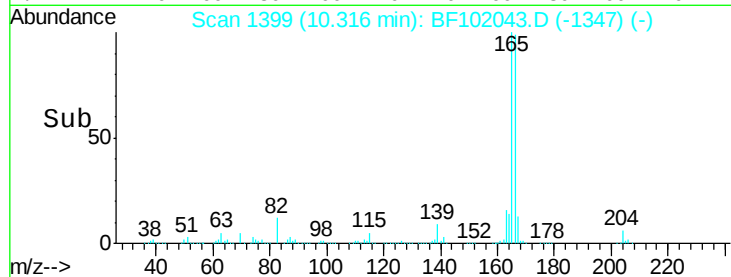
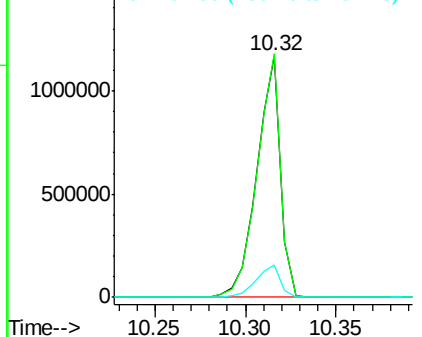
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Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.921 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Tgt Ion:232 Resp: 287397

Ion Ratio Lower Upper

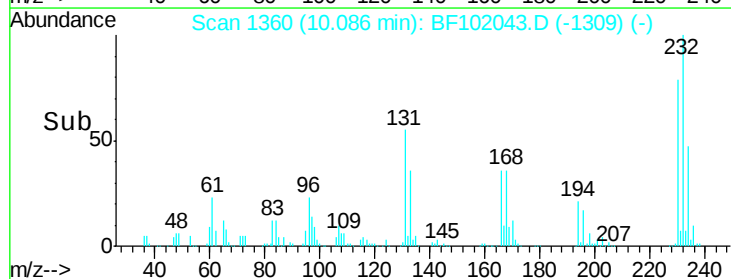
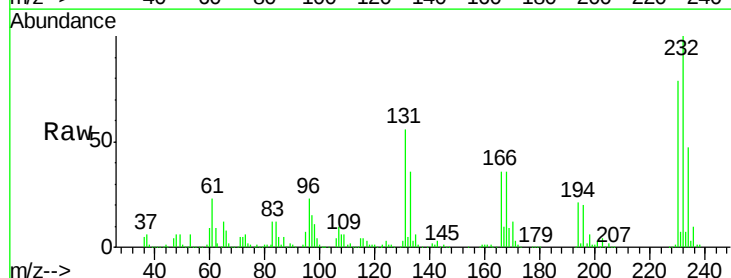
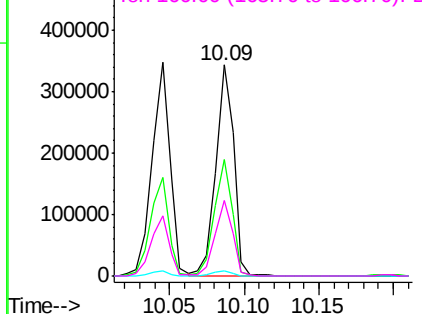
232 100

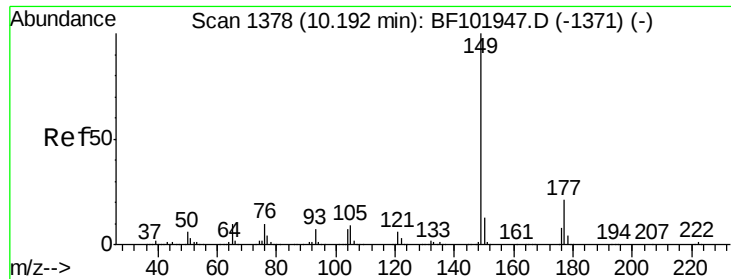
131 54.5 43.8 65.8

130 2.5 2.1 3.1

166 35.6 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E





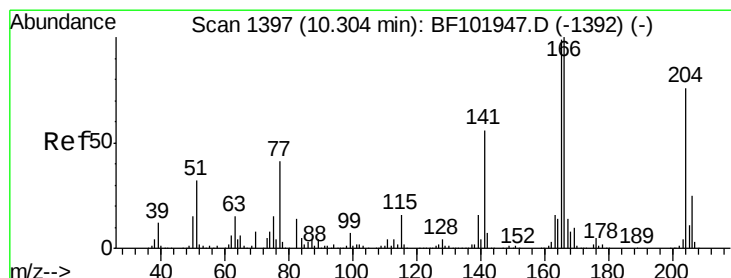
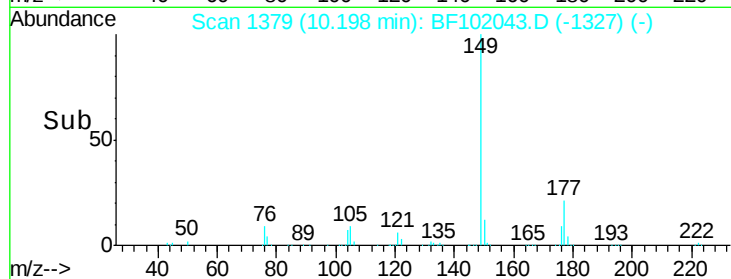
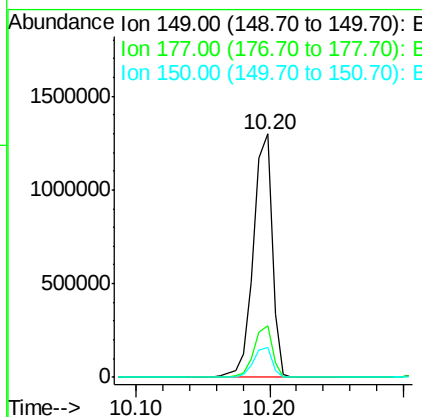
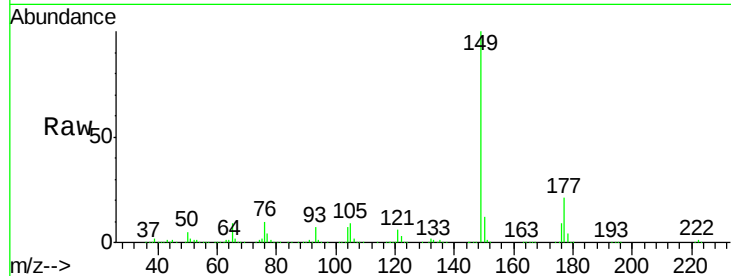
#59  
Diethylphthalate  
Concen: 38.353 ng  
RT: 10.20 min Scan# 1379  
Delta R.T. 0.01 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB105599BS

Tgt Ion:149 Resp: 1248195  
Ion Ratio Lower Upper  
149 100  
177 21.3 16.1 24.1  
150 12.4 10.1 15.1

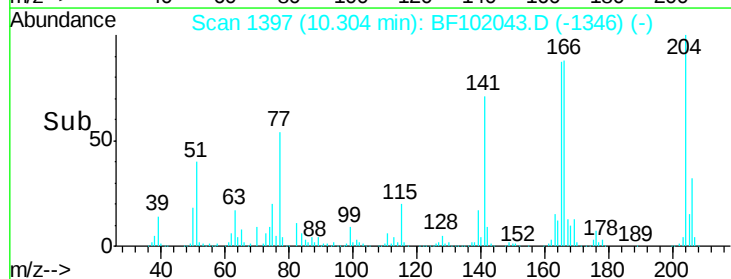
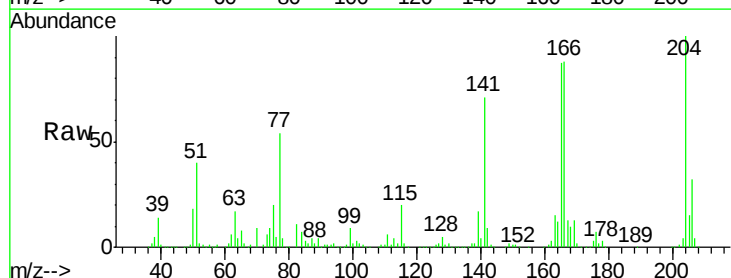
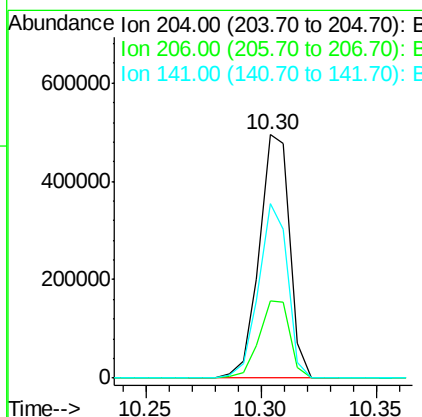
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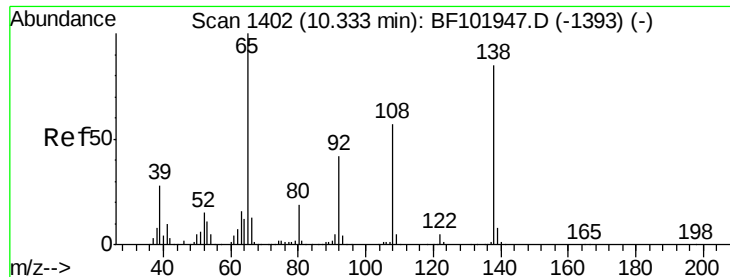
Sohil  
1/15/2018 4:22:55 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 41.954 ng  
RT: 10.30 min Scan# 1397  
Delta R.T. 0.00 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

Tgt Ion:204 Resp: 456391  
Ion Ratio Lower Upper  
204 100  
206 31.9 26.5 39.7  
141 71.4 54.6 81.8





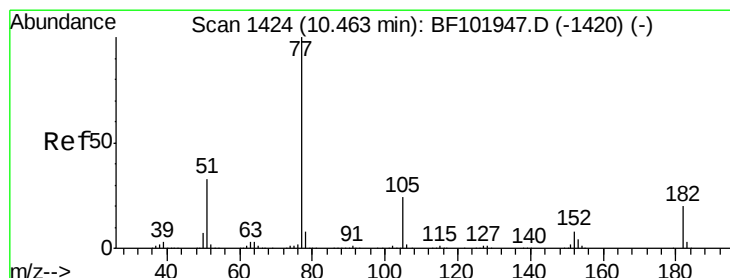
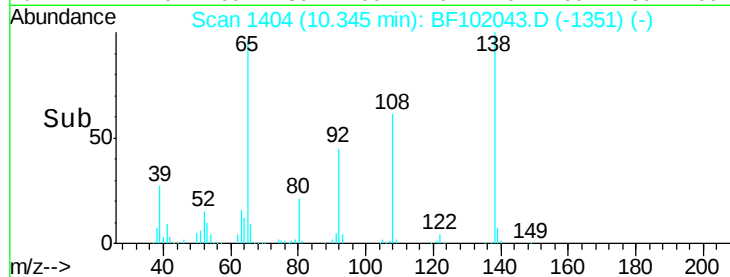
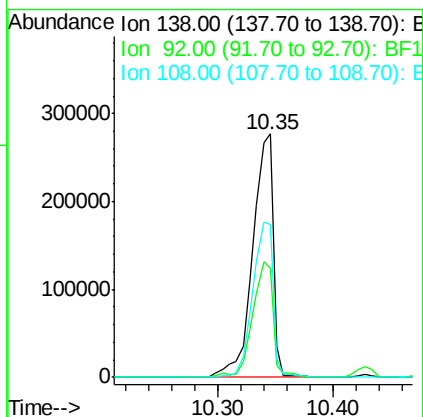
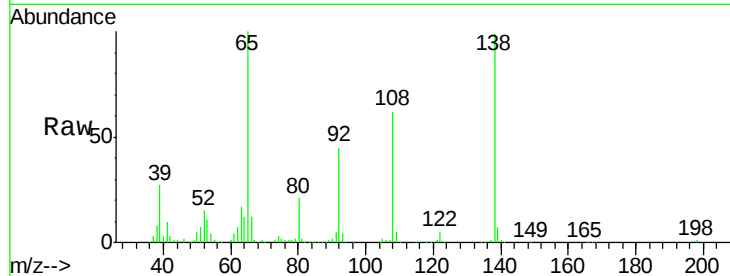
#61  
4-Nitroaniline  
Concen: 44.232 ng  
RT: 10.35 min Scan# 1404  
Delta R.T. 0.01 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB105599BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 346235 |       |       |
| 92      | 45.0  | 30.2   | 70.2  |       |
| 108     | 62.7  | 52.5   | 92.5  |       |

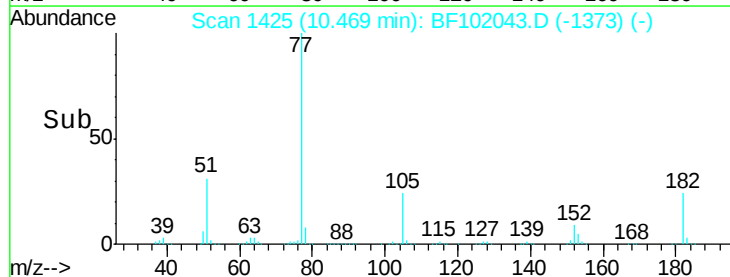
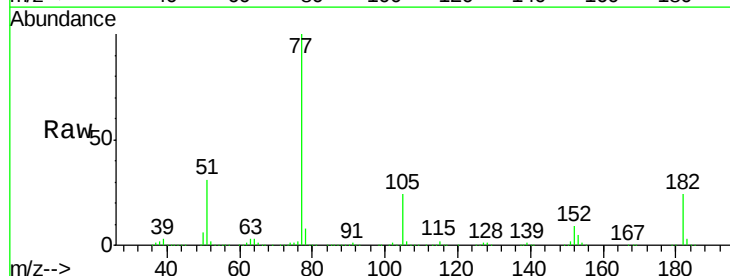
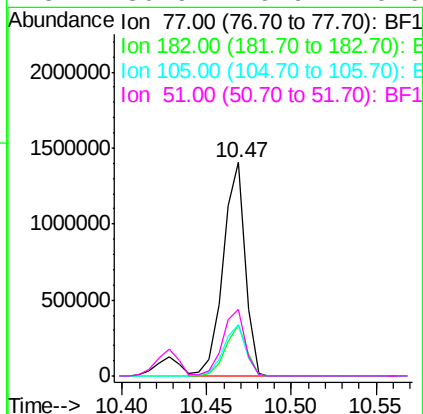
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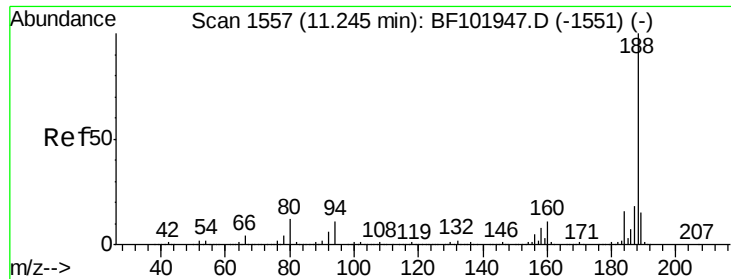
Sohil  
1/15/2018 4:22:55 PM



#62  
Azobenzene  
Concen: 39.178 ng  
RT: 10.47 min Scan# 1425  
Delta R.T. 0.01 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 77      | 100   | 1268578 |       |       |
| 182     | 24.3  | 1.7     | 41.7  |       |
| 105     | 24.2  | 3.0     | 43.0  |       |
| 51      | 30.9  | 9.9     | 49.9  |       |





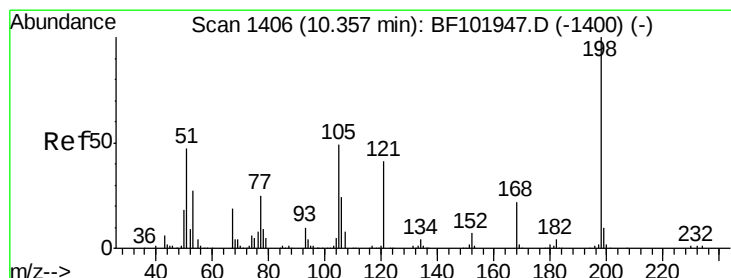
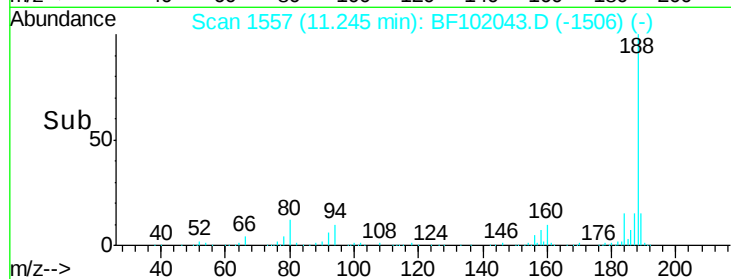
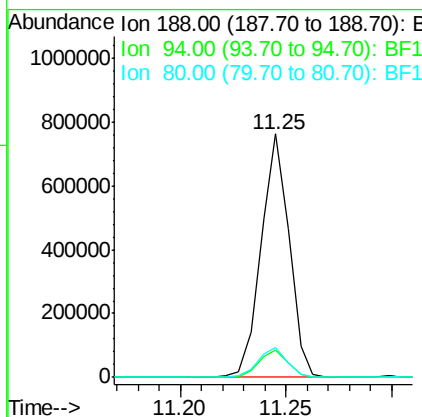
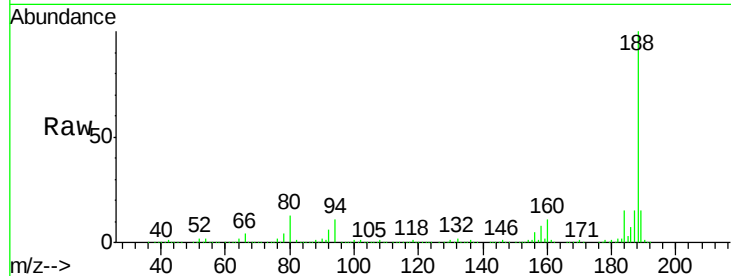
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.25 min Scan# 1557  
Delta R.T. 0.00 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB105599BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 11.0  | 8.5        | 12.7       |
| 80      | 12.5  | 9.2        | 13.8       |

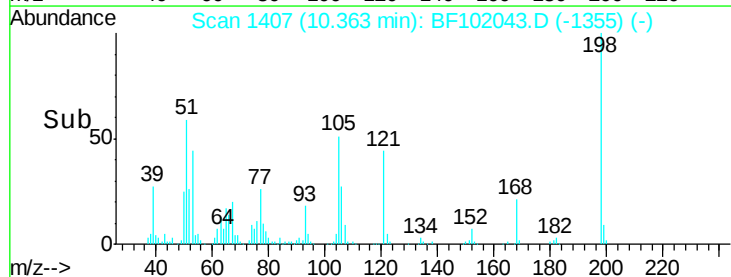
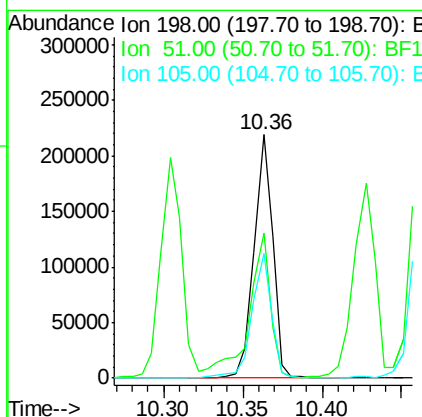
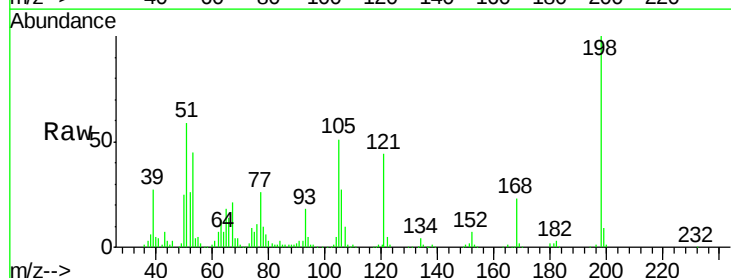
Manual Integrations  
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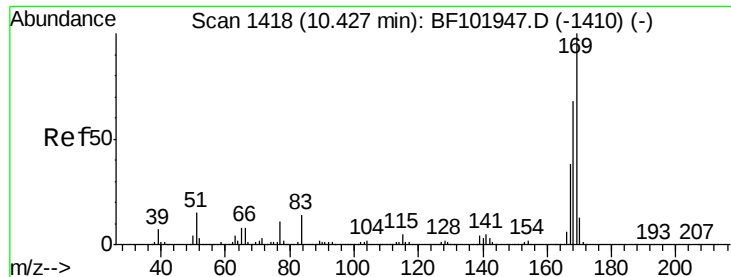
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1/15/2018 4:22:55 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 47.082 ng  
RT: 10.36 min Scan# 1407  
Delta R.T. 0.01 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 59.4  | 37.7       | 77.7       |
| 105     | 51.4  | 36.3       | 76.3       |





#65

n-Nitrosodiphenylamine

Concen: 38.990 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

ClientSampled :

PB105599BS

Tgt Ion:169 Resp: 1029628

Ion Ratio Lower Upper

169 100

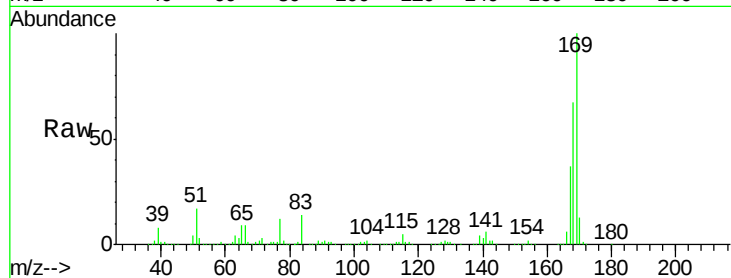
168 67.1 54.4 81.6

167 37.4 29.8 44.6

Manual Integrations  
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Sohil

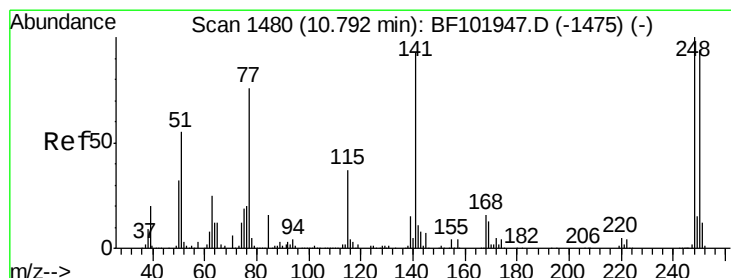
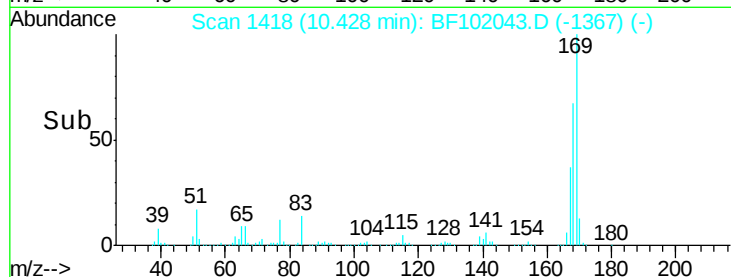
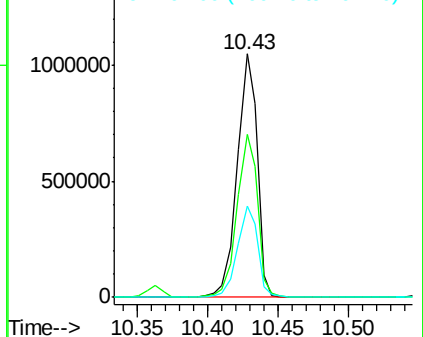
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.871 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

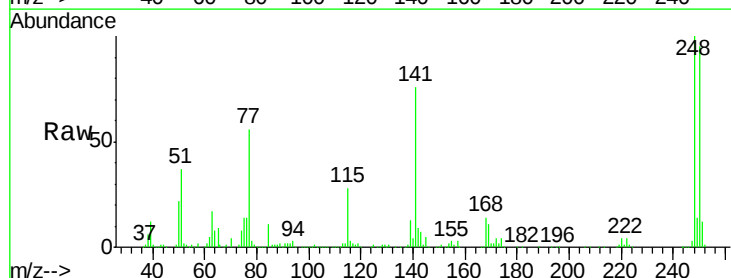
Tgt Ion:248 Resp: 304384

Ion Ratio Lower Upper

248 100

250 95.2 76.9 115.3

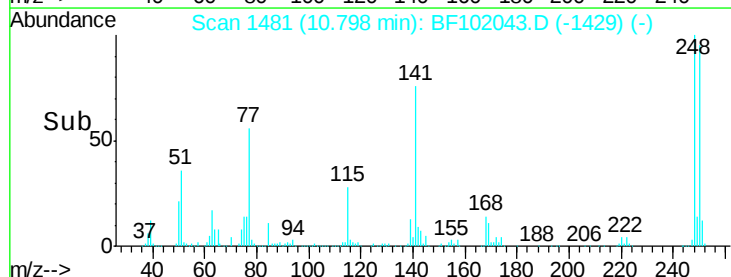
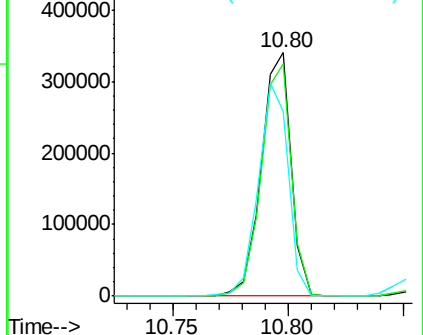
141 76.0 74.4 111.6

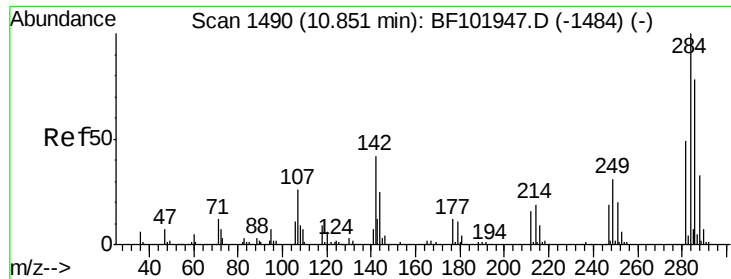


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.690 ng

RT: 10.86 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

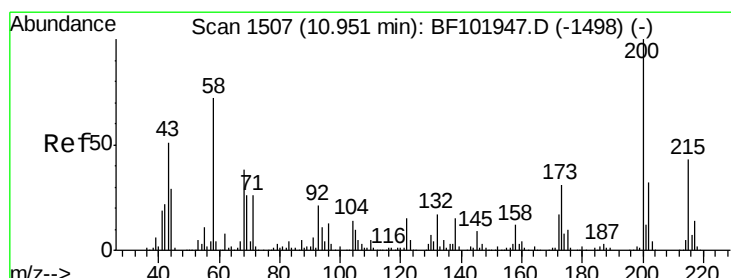
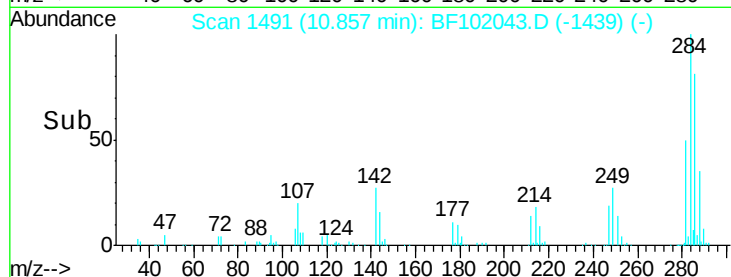
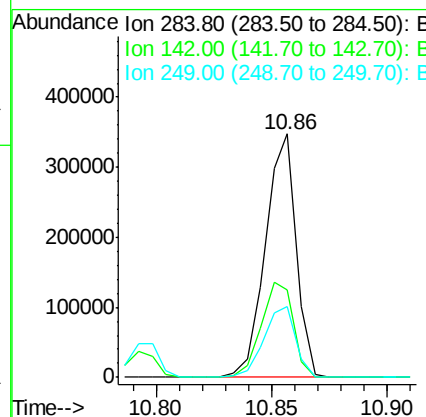
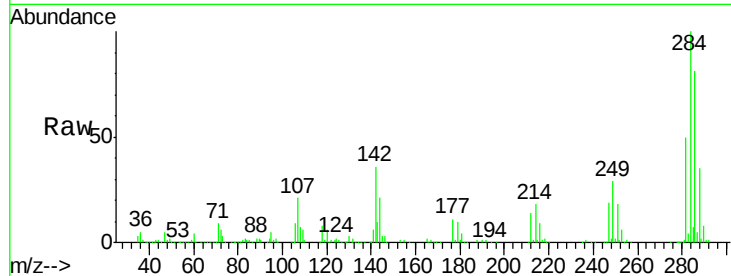
ClientSampleId :

PB105599BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 322695 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 35.7  | 34.6  | 52.0   |
| 249       | 29.3  | 24.8  | 37.2   |

Manual Integrations  
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#68

Atrazine

Concen: 42.813 ng

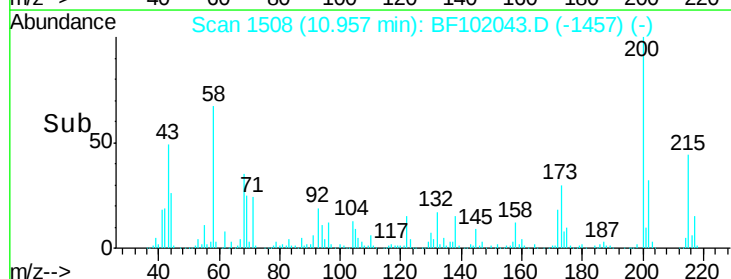
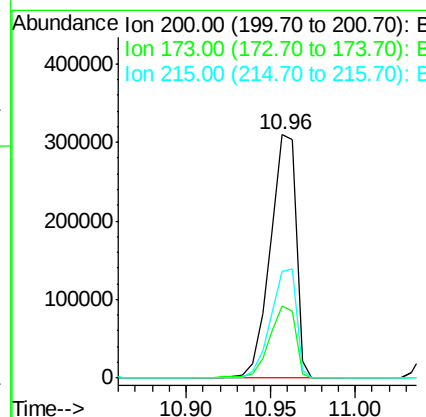
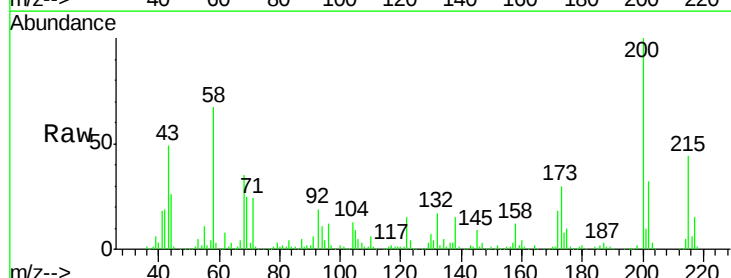
RT: 10.96 min Scan# 1508

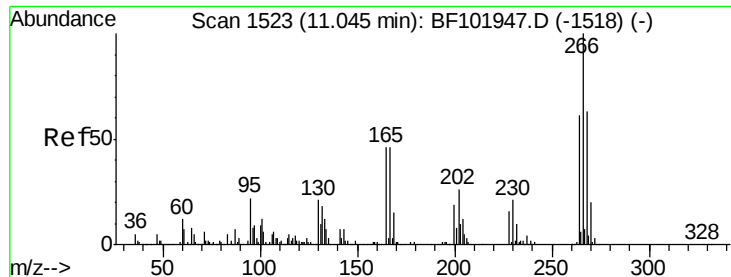
Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 326735 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 29.6  | 8.6   | 48.6   |
| 215       | 43.7  | 25.1  | 65.1   |





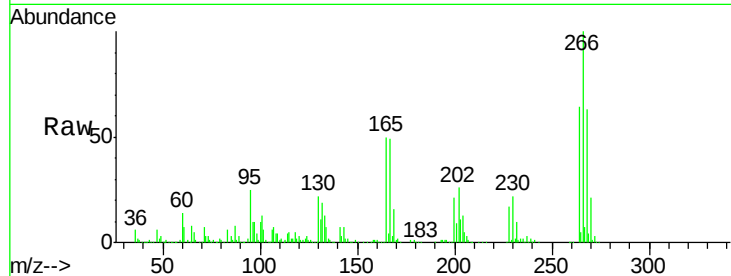
#69  
 Pentachlorophenol  
 Concen: 73.272 ng  
 RT: 11.05 min Scan# 1524  
 Delta R.T. 0.01 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105599BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 363265 |       |       |
| 268     | 62.8  | 51.1   | 76.7  |       |
| 264     | 63.8  | 49.5   | 74.3  |       |

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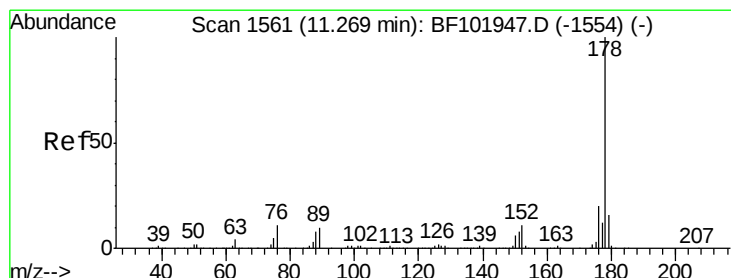
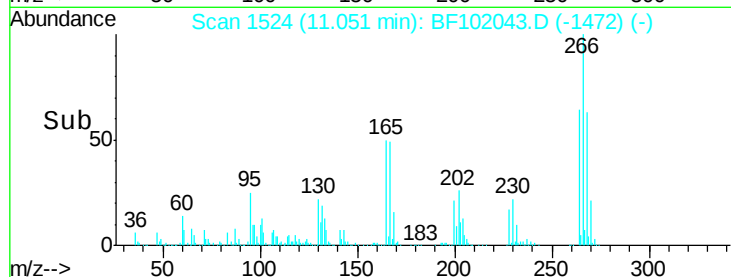
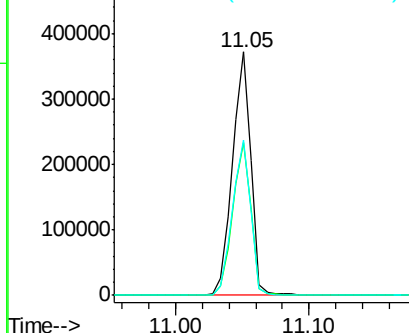


Abundance

Ion 265.70 (265.40 to 266.40): E

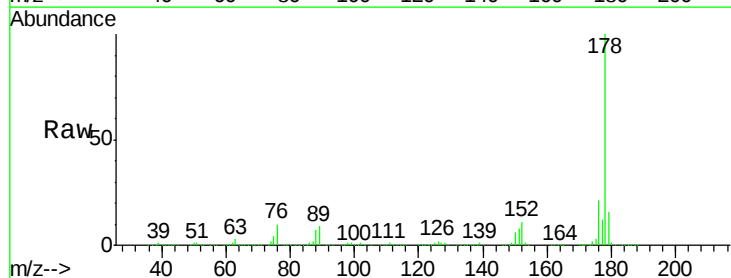
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 37.664 ng  
 RT: 11.27 min Scan# 1562  
 Delta R.T. 0.01 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1551510 |       |       |
| 176     | 20.7  | 15.8    | 23.8  |       |
| 179     | 16.0  | 13.0    | 19.6  |       |

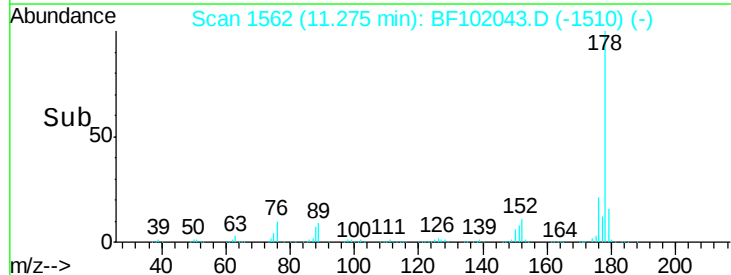
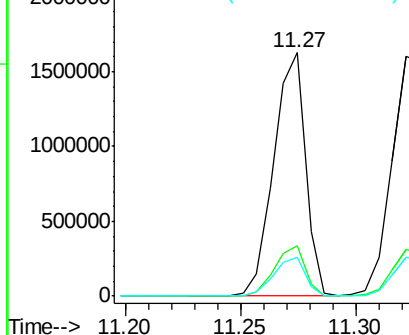


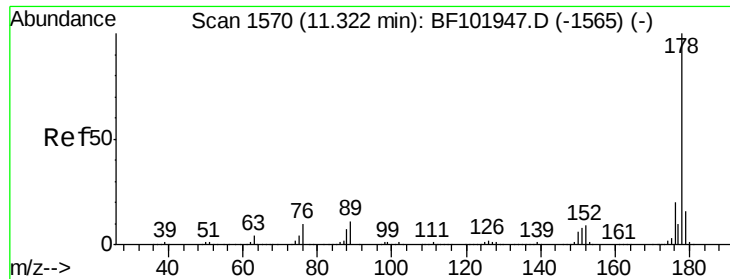
Abundance

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





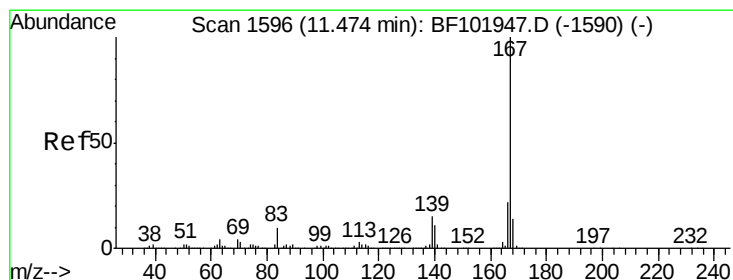
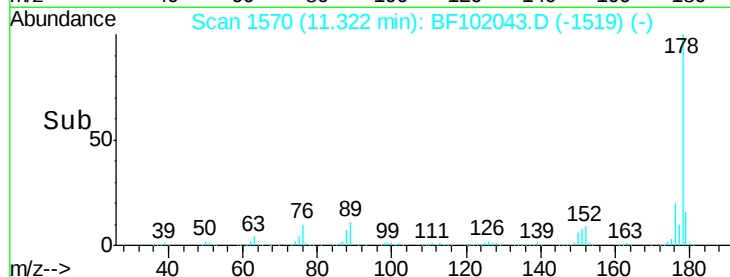
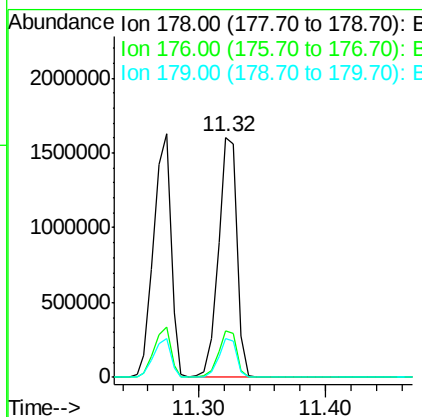
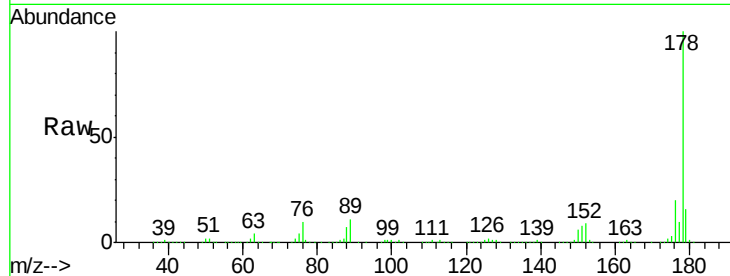
#71  
 Anthracene  
 Concen: 39.462 ng  
 RT: 11.32 min Scan# 1570  
 Delta R.T. 0.00 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105599BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.4  | 23.2  |
| 179     | 16.2  | 12.6  | 19.0  |

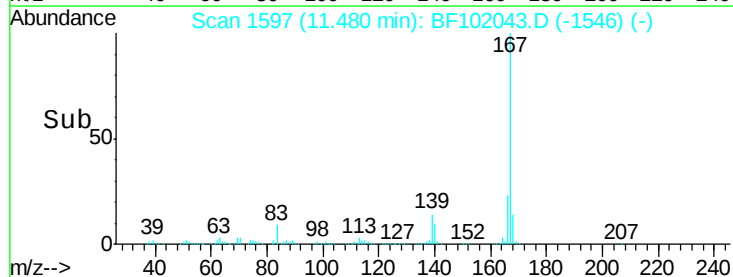
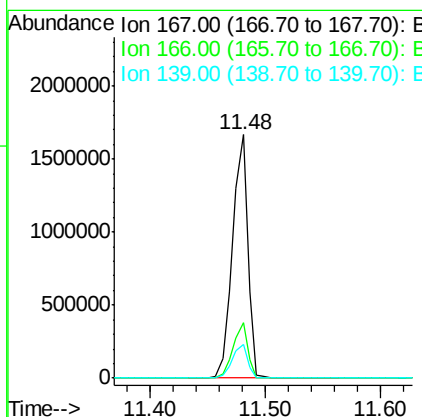
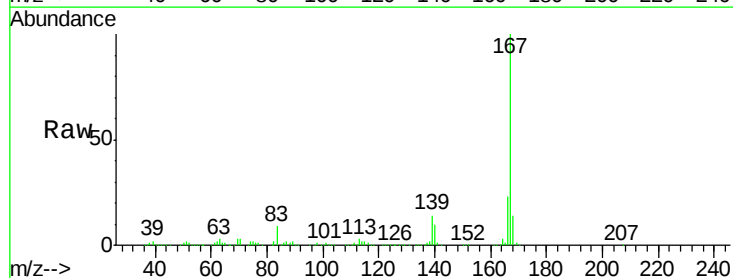
Manual Integrations  
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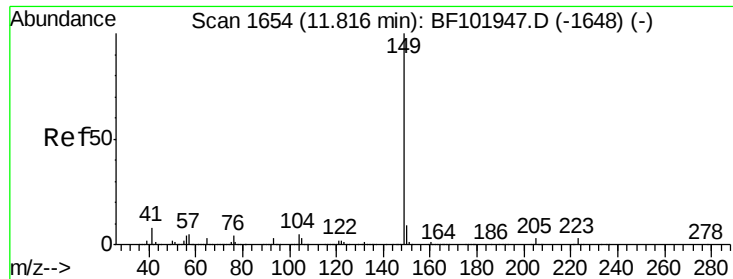
Sohil  
 1/15/2018 4:22:55 PM



#72  
 Carbazole  
 Concen: 37.544 ng  
 RT: 11.48 min Scan# 1597  
 Delta R.T. 0.00 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.6  | 17.6  | 26.4  |
| 139     | 13.8  | 10.9  | 16.3  |





#73

Di-n-butylphthalate

Concen: 37.754 ng

RT: 11.82 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

ClientSampleId :

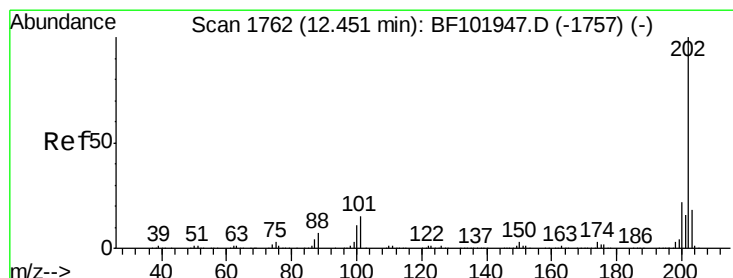
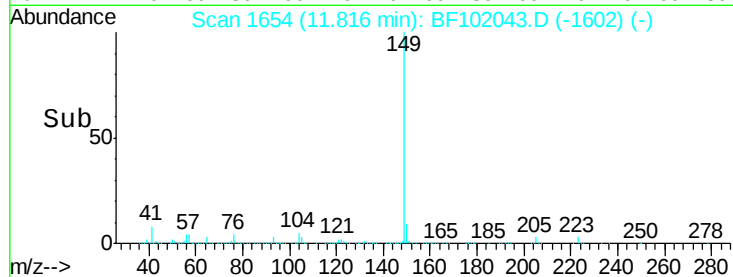
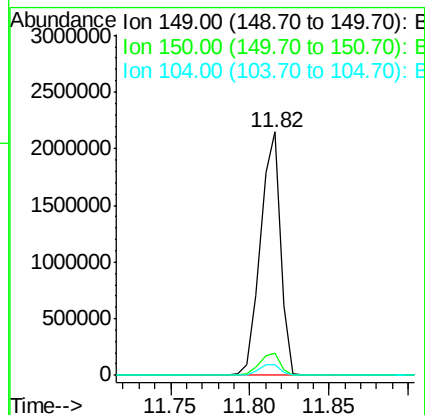
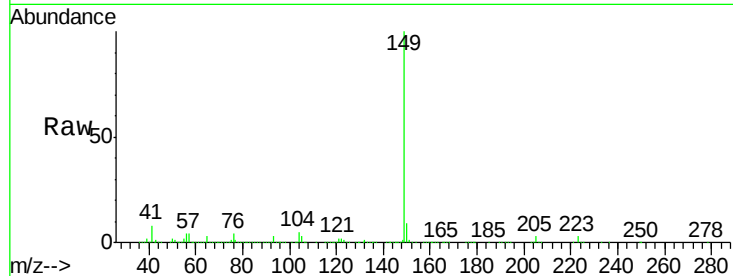
PB105599BS

Tgt Ion:149 Resp: 1902047

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.8   | 11.6  |
| 104 | 4.6   | 3.8   | 5.8   |

Manual Integrations  
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#74

Fluoranthene

Concen: 38.961 ng

RT: 12.46 min Scan# 1763

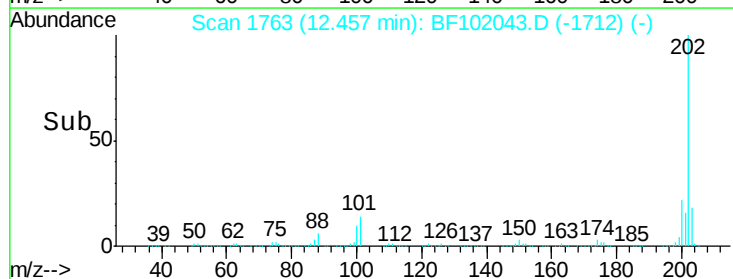
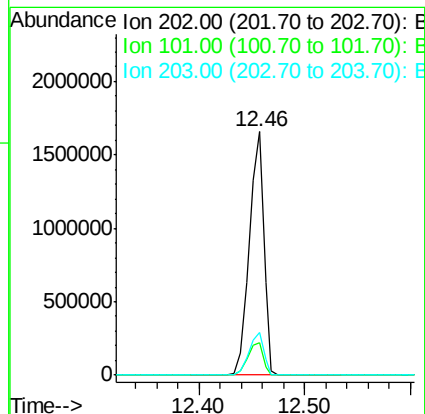
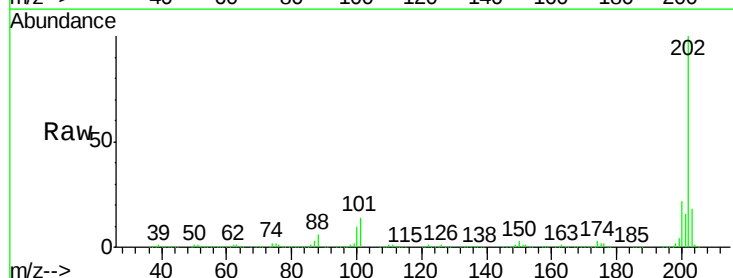
Delta R.T. 0.00 min

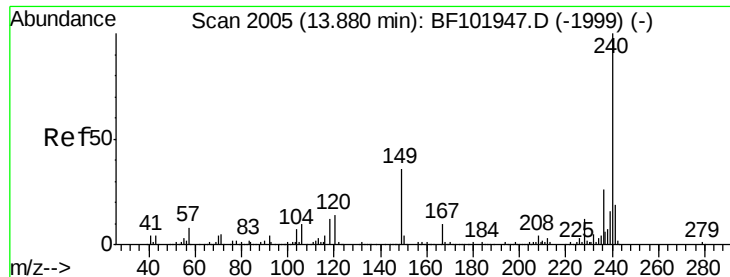
Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Tgt Ion:202 Resp: 1579050

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 13.6  | 0.0   | 34.1  |
| 203 | 17.5  | 0.0   | 38.1  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

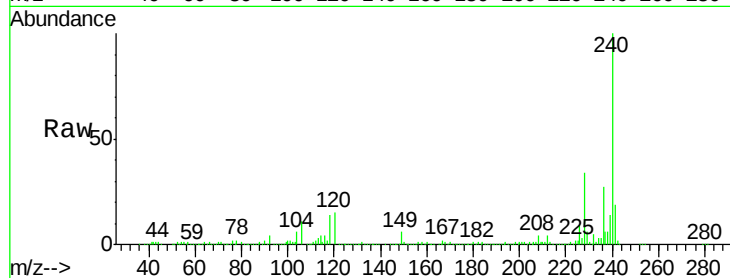
ClientSampleId :

PB105599BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 464833 |       |       |
| 120     | 15.2  | 9.5    | 14.3# |       |
| 236     | 26.6  | 20.7   | 31.1  |       |

Manual Integrations  
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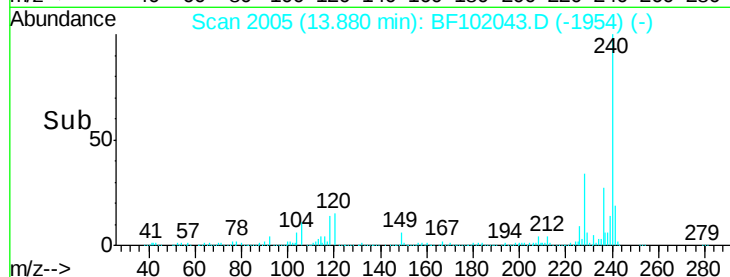


Abundance Ion 240.00 (239.70 to 240.70): E

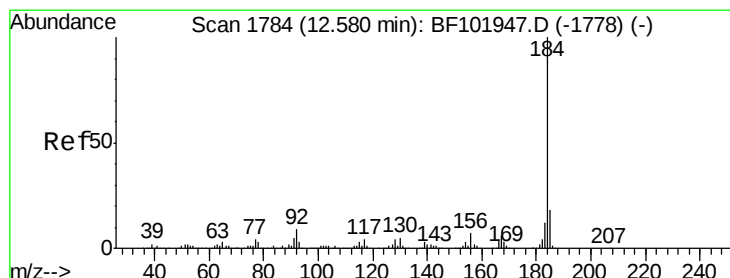
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.88



Time-->



#76

Benzidine

Concen: 22.809 ng

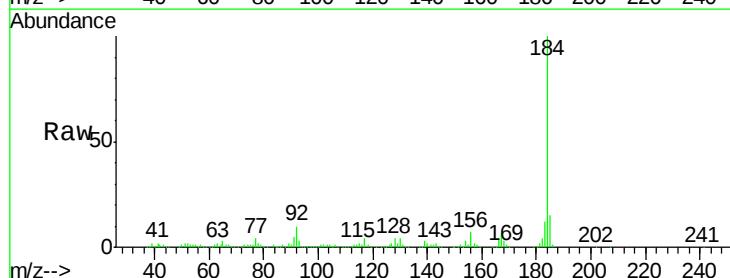
RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 511985 |       |       |
| 185     | 14.5  | 12.6   | 18.8  |       |
| 183     | 12.4  | 9.3    | 13.9  |       |

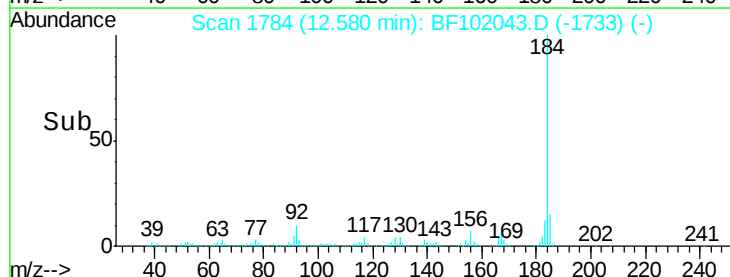


Abundance Ion 184.00 (183.70 to 184.70): E

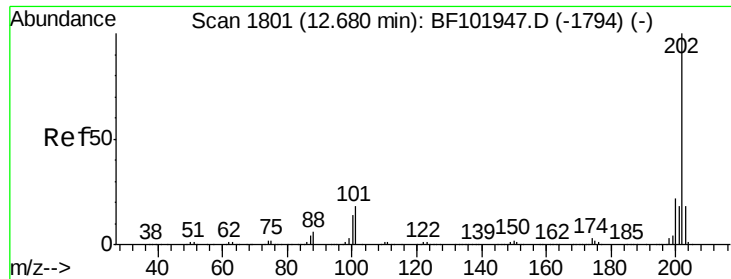
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.58



Time-->



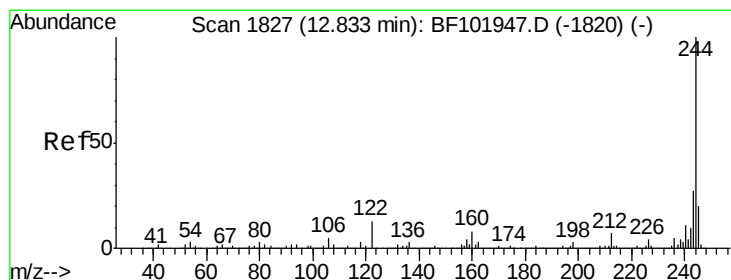
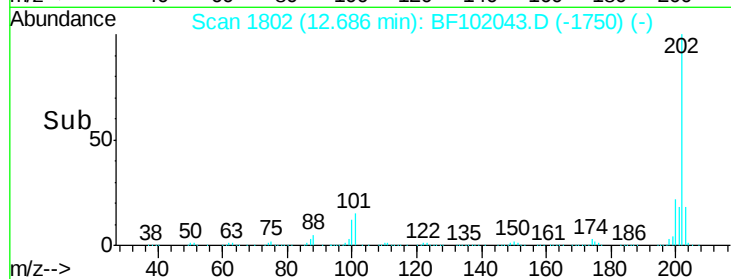
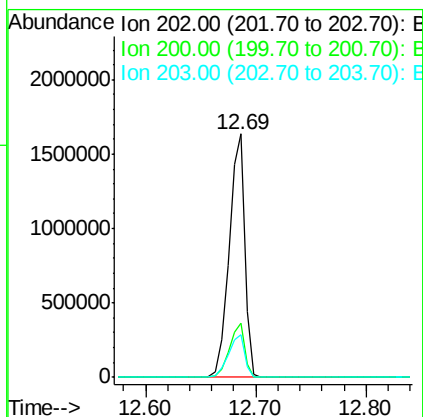
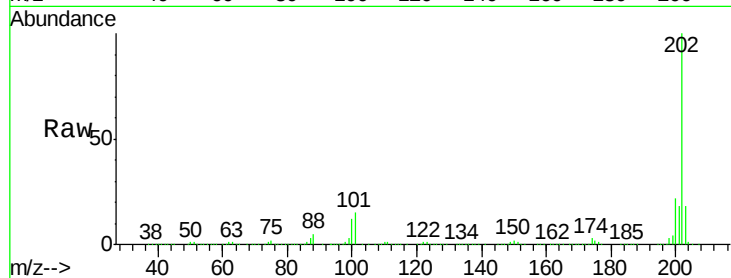
#77  
 Pyrene  
 Concen: 39.472 ng  
 RT: 12.69 min Scan# 1802  
 Delta R.T. 0.01 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105599BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.5  | 17.4  | 26.2  |
| 203     | 17.7  | 14.3  | 21.5  |

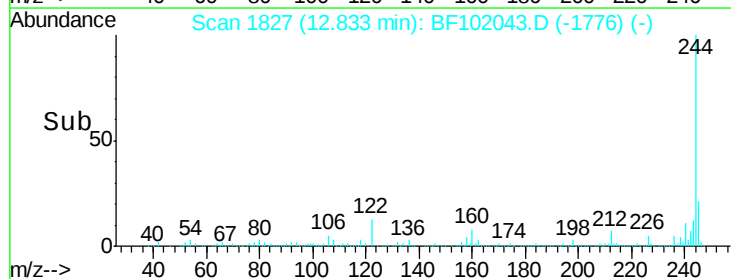
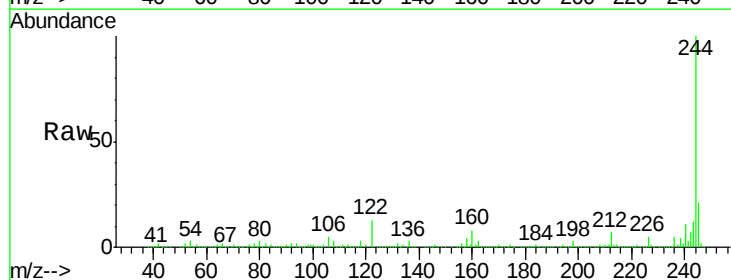
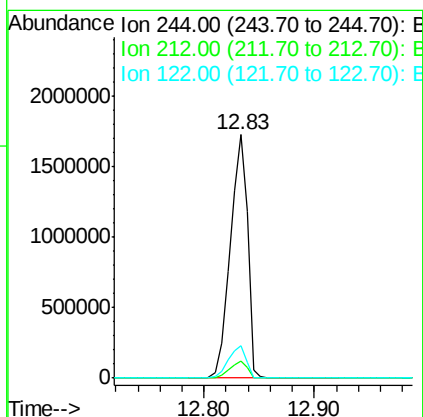
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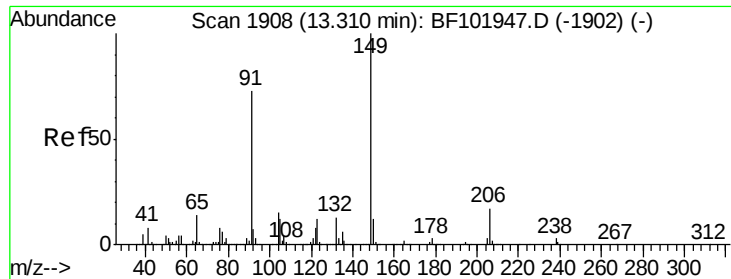
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#78  
 Terphenyl-d14  
 Concen: 84.840 ng  
 RT: 12.83 min Scan# 1827  
 Delta R.T. 0.00 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.1   | 5.4   | 8.0   |
| 122     | 13.4  | 11.0  | 16.4  |





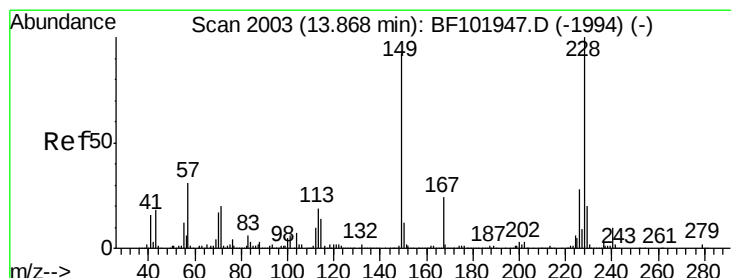
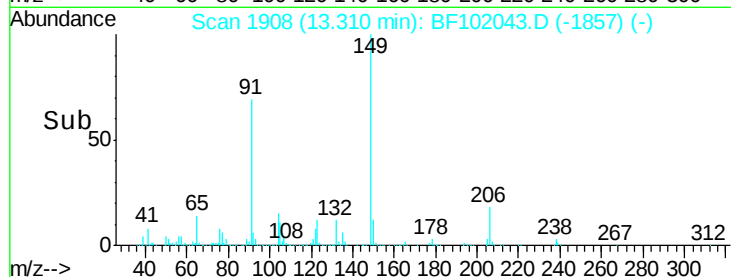
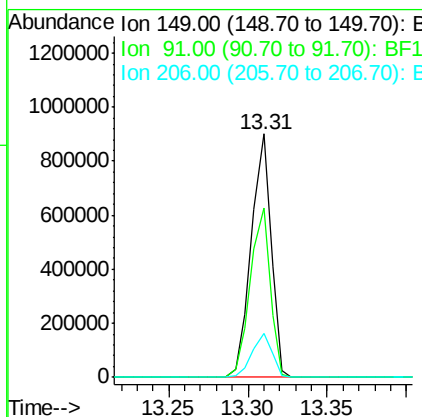
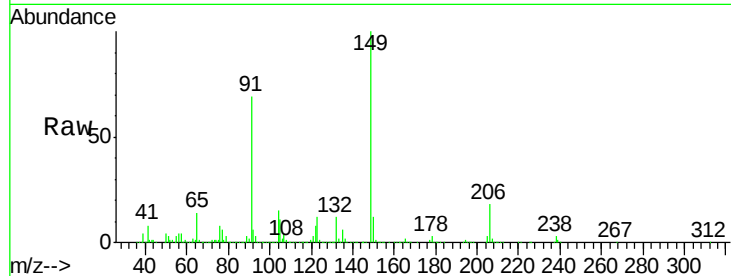
#79  
Butylbenzylphthalate  
Concen: 41.781 ng  
RT: 13.31 min Scan# 1908  
Delta R.T. 0.00 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB105599BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 787837 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 69.3  | 56.8  | 85.2   |
| 206       | 18.0  | 14.1  | 21.1   |

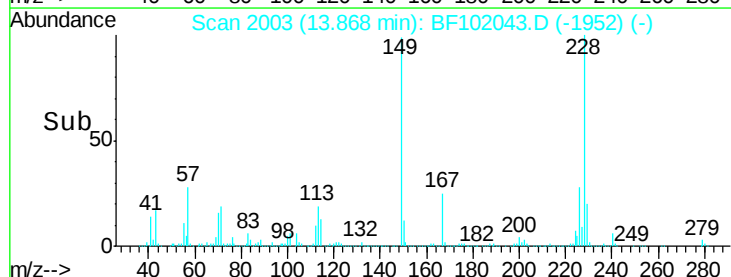
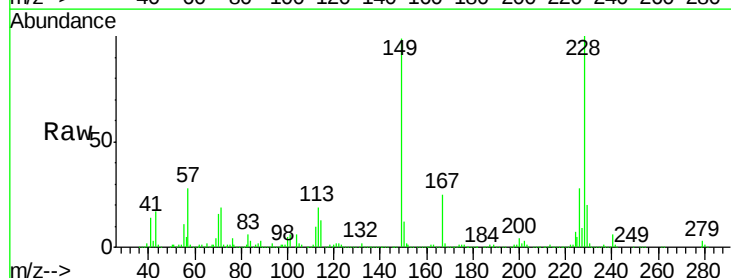
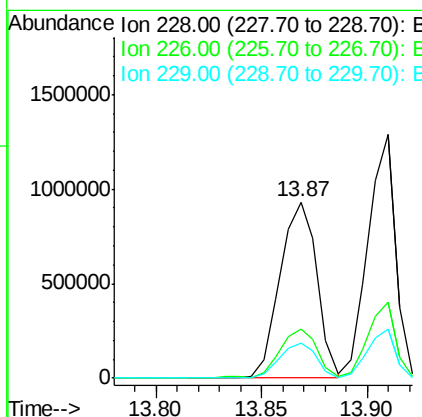
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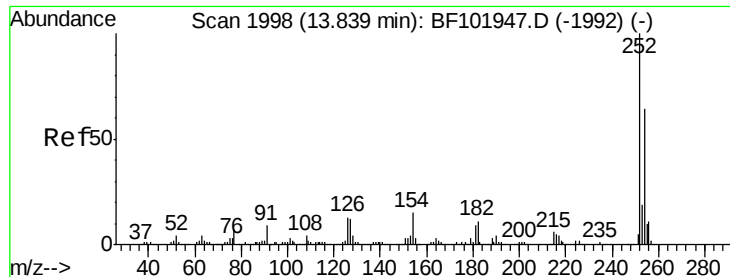
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#80  
Benzo(a)anthracene  
Concen: 38.087 ng  
RT: 13.87 min Scan# 2003  
Delta R.T. 0.00 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 228   | Resp: | 1129567 |
| Ion Ratio | Lower | Upper |         |
| 228       | 100   |       |         |
| 226       | 28.0  | 22.6  | 33.8    |
| 229       | 20.0  | 15.8  | 23.6    |





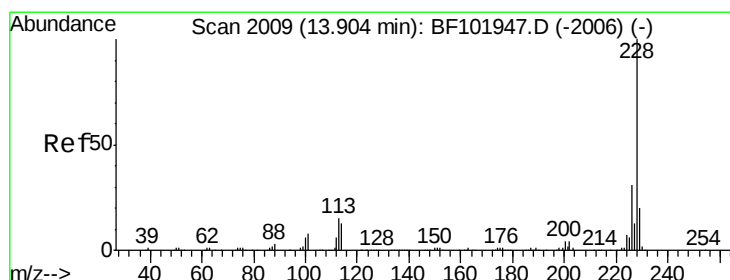
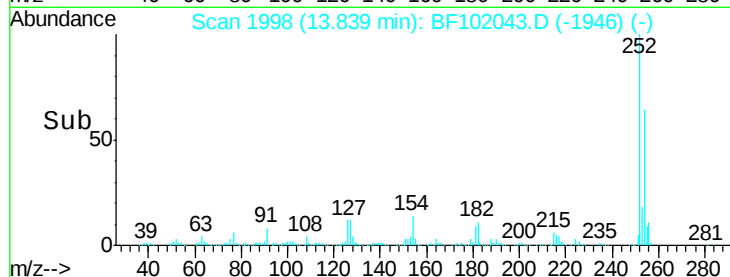
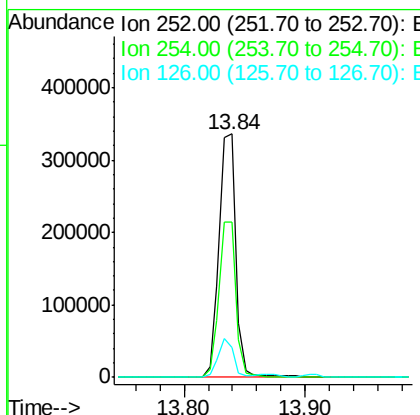
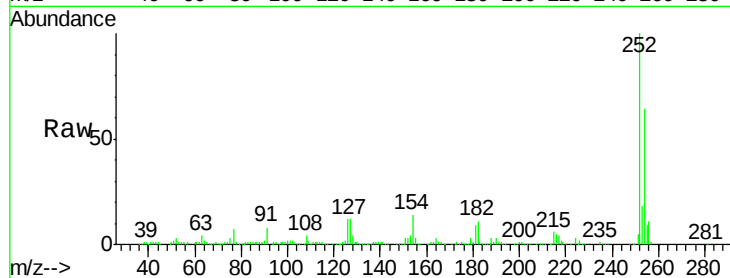
#81  
 3,3'-Dichlorobenzidine  
 Concen: 29.375 ng  
 RT: 13.84 min Scan# 1998  
 Delta R.T. 0.01 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105599BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.6  | 50.4  | 75.6  |
| 126     | 12.3  | 11.3  | 16.9  |

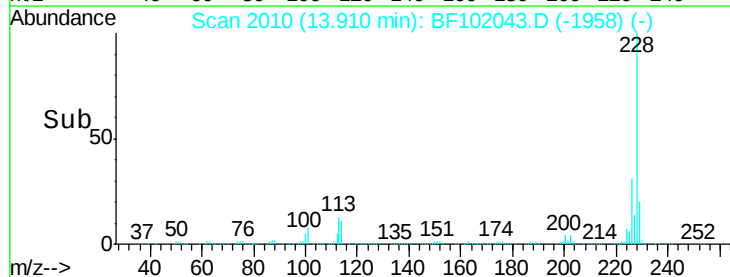
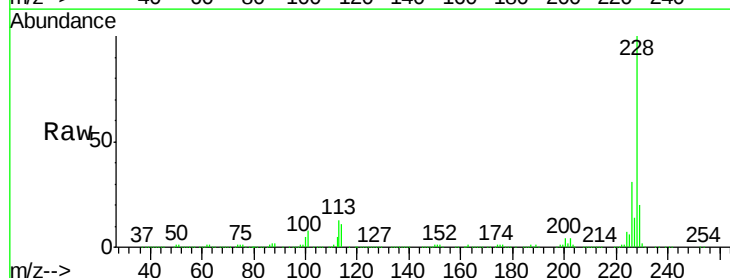
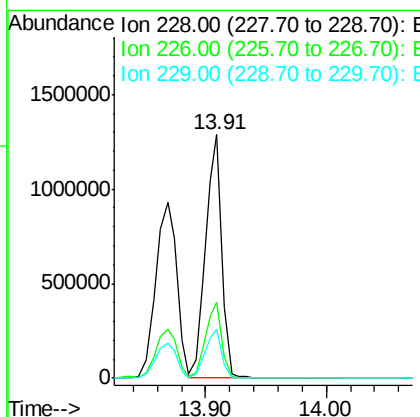
Manual Integrations  
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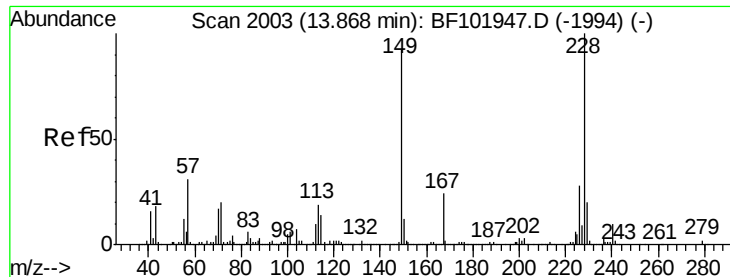
Sohil  
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#82  
 Chrysene  
 Concen: 38.430 ng  
 RT: 13.91 min Scan# 2010  
 Delta R.T. 0.01 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.1  | 25.0  | 37.6  |
| 229     | 20.0  | 16.2  | 24.4  |





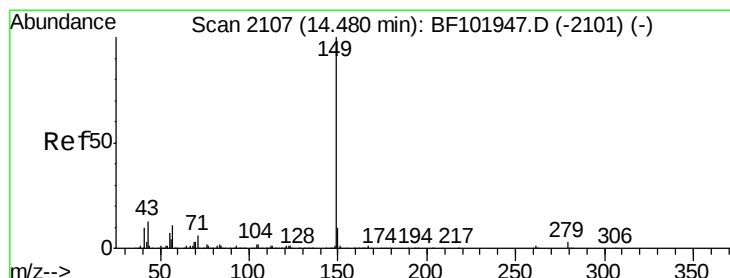
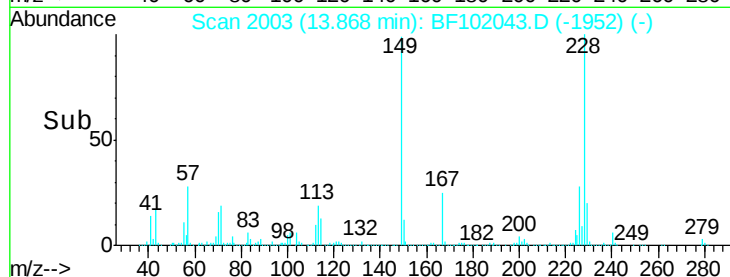
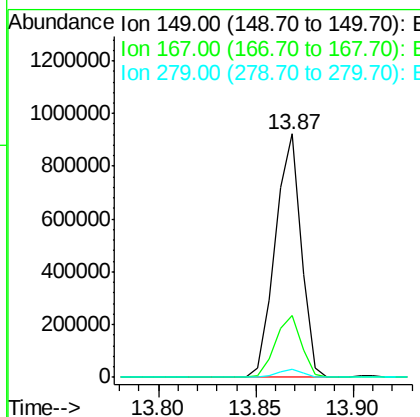
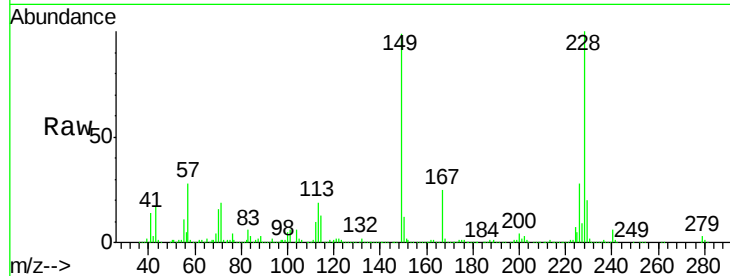
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.263 ng  
 RT: 13.87 min Scan# 2003  
 Delta R.T. 0.00 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105599BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 849316 |       |       |
| 167     | 25.4  | 21.3   | 31.9  |       |
| 279     | 3.2   | 3.0    | 4.4   |       |

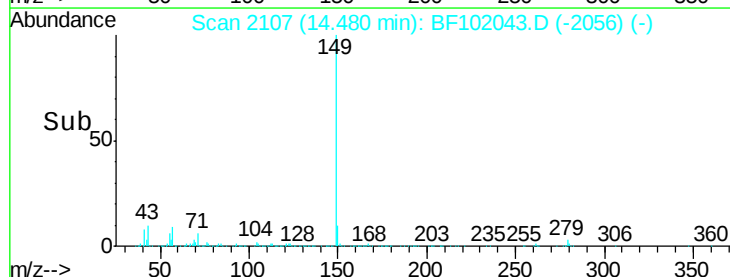
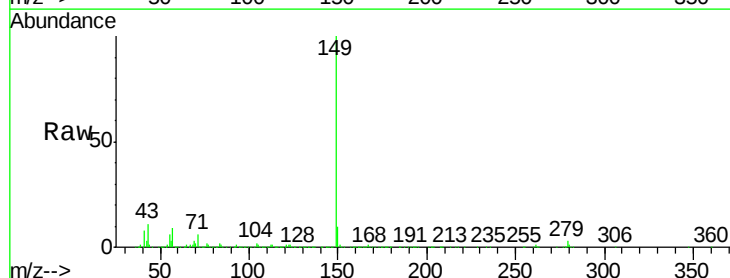
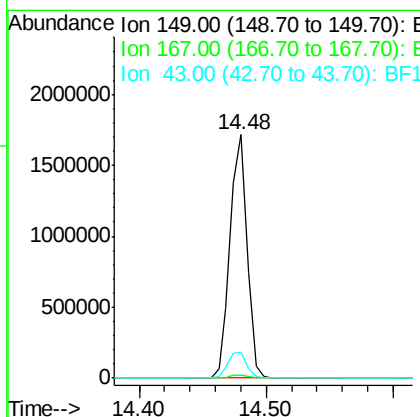
Manual Integrations  
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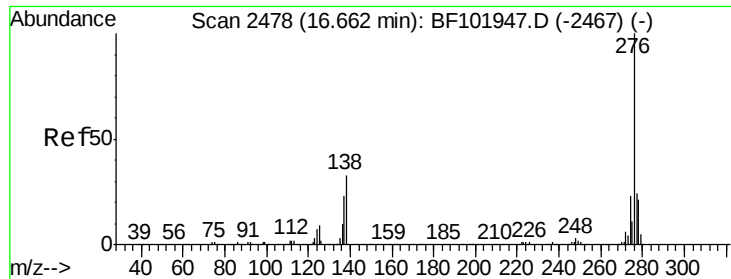
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#84  
 Di-n-octyl phthalate  
 Concen: 44.183 ng  
 RT: 14.48 min Scan# 2107  
 Delta R.T. 0.00 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1585976 |       |       |
| 167     | 1.4   | 1.2     | 1.8   |       |
| 43      | 11.3  | 8.4     | 12.6  |       |





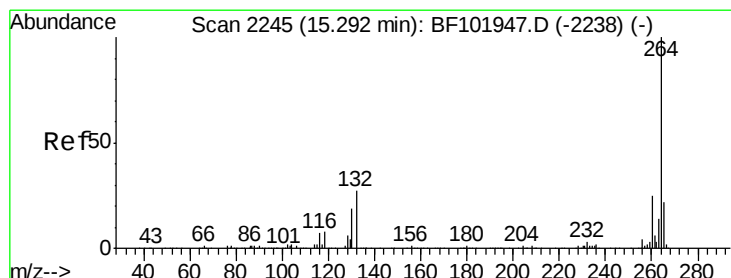
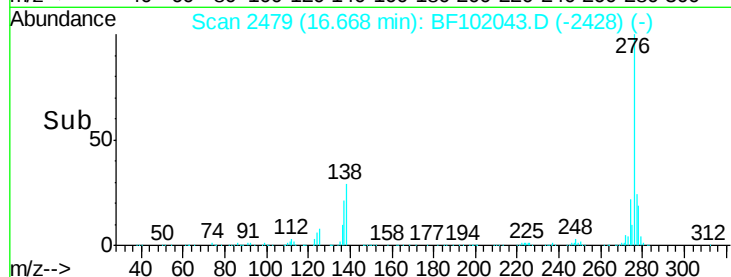
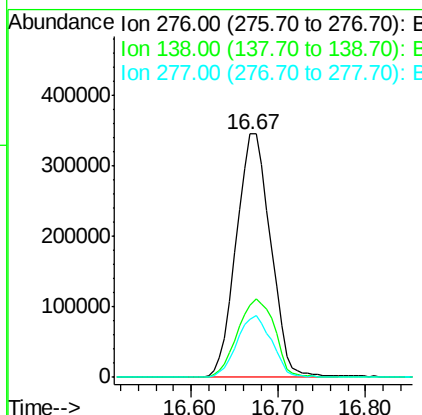
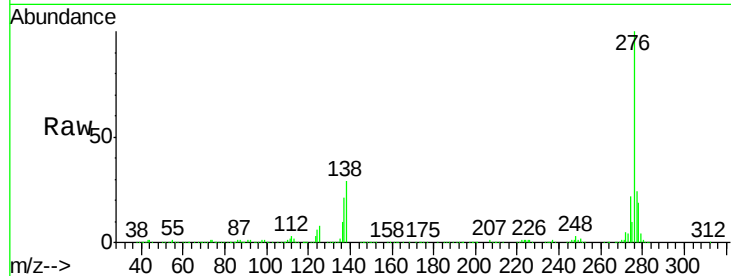
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.973 ng  
 RT: 16.67 min Scan# 2479  
 Delta R.T. 0.00 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105599BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 34.9  | 25.0  | 37.6  |
| 277     | 25.7  | 20.1  | 30.1  |

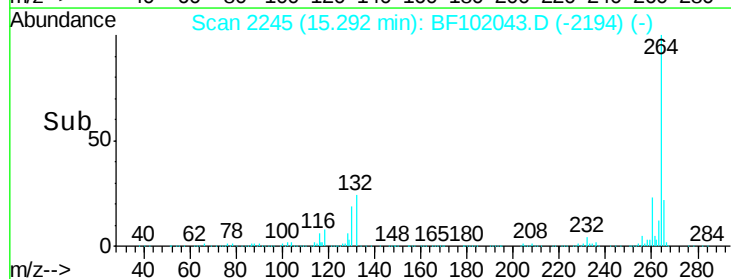
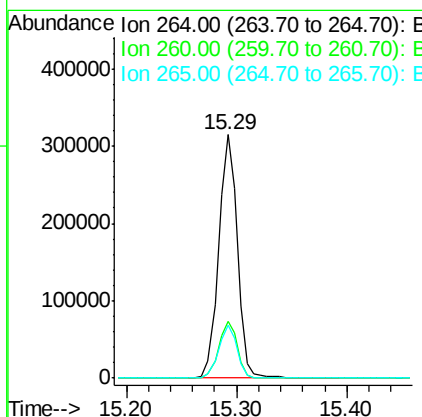
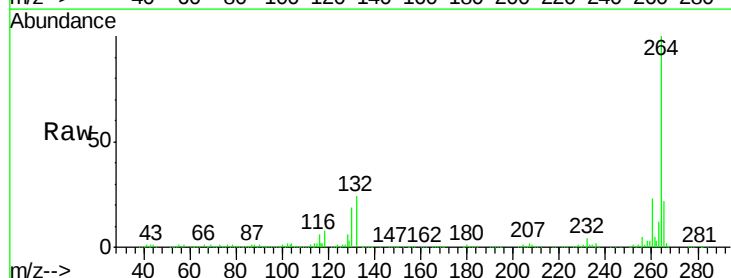
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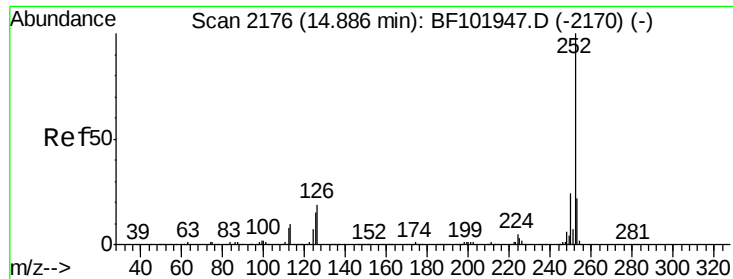
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.29 min Scan# 2245  
 Delta R.T. 0.00 min  
 Lab File: BF102043.D  
 Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 19.2  | 28.8  |
| 265     | 21.8  | 17.5  | 26.3  |





#87

Benzo(b)fluoranthene

Concen: 41.397 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

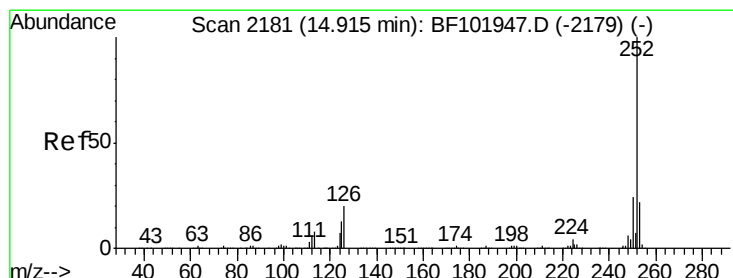
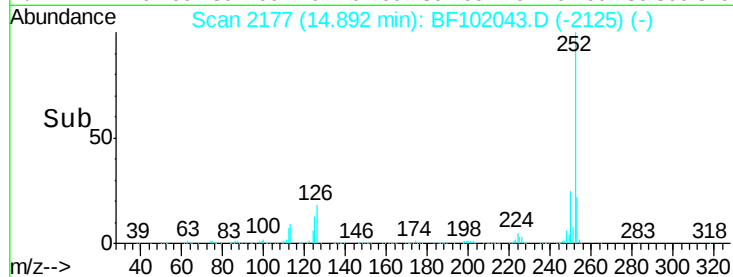
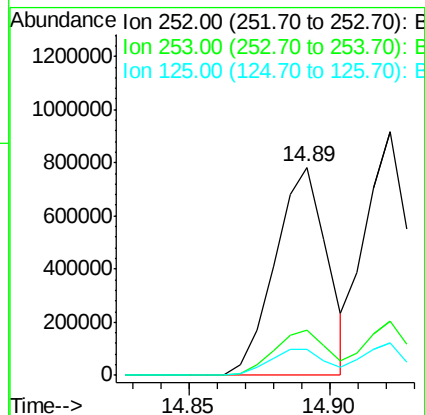
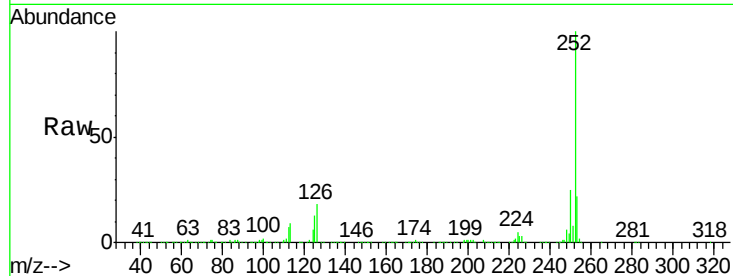
ClientSampleId :

PB105599BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 998216 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.1  | 17.0  | 25.6   |
| 125       | 12.8  | 9.0   | 13.6   |

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#88

Benzo(k)fluoranthene

Concen: 41.283 ng

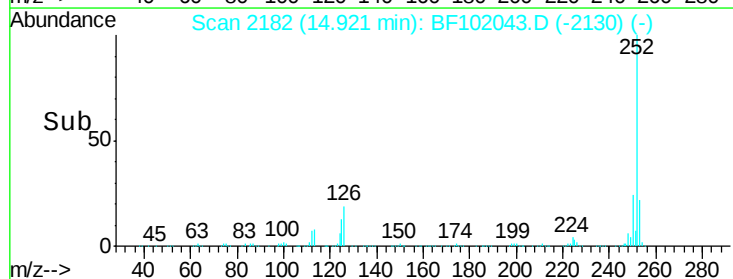
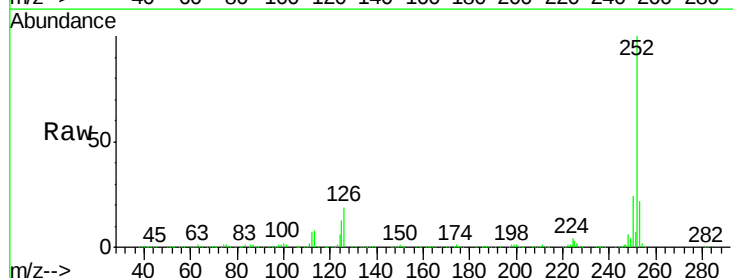
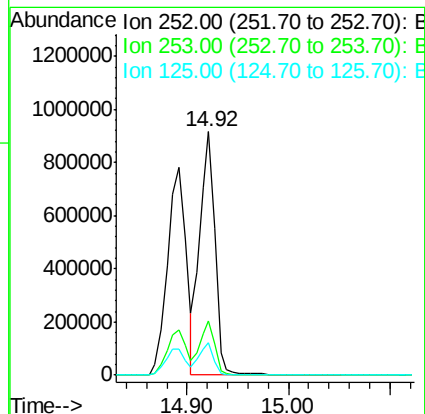
RT: 14.92 min Scan# 2182

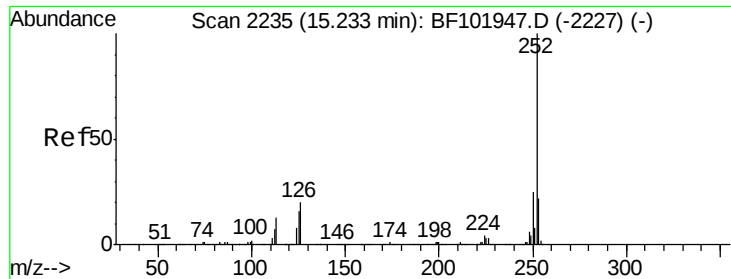
Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 960301 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.1  | 17.9  | 26.9   |
| 125       | 13.1  | 10.2  | 15.2   |





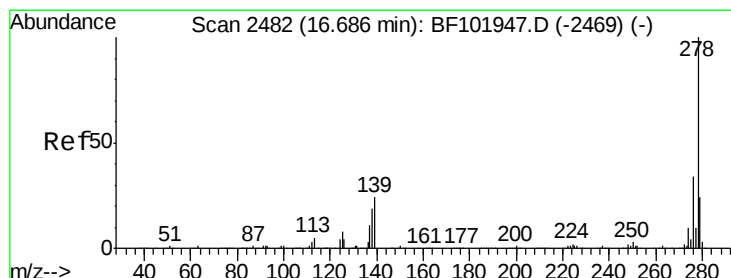
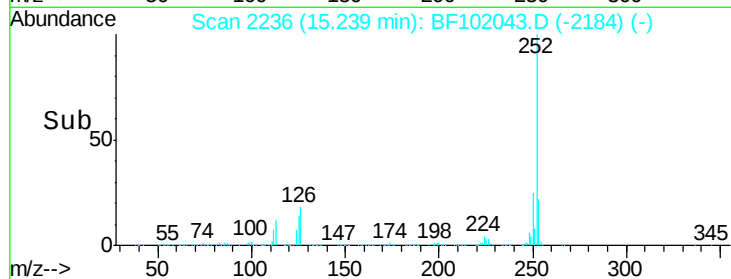
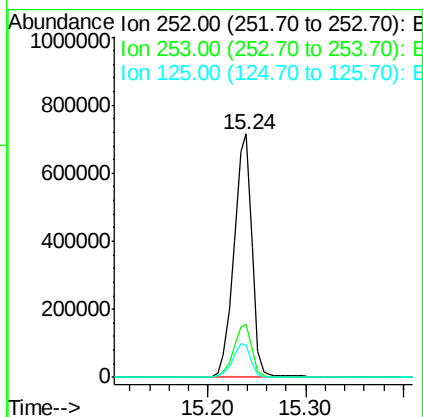
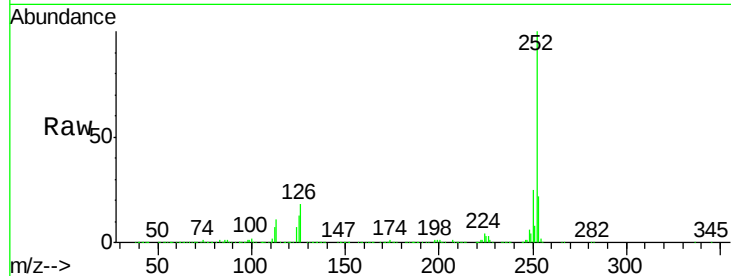
#89  
Benzo(a)pyrene  
Concen: 41.950 ng  
RT: 15.24 min Scan# 2236  
Delta R.T. 0.01 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

Instrument :  
BNA\_F  
ClientSampleId :  
PB105599BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.1  | 25.7  |
| 125     | 13.5  | 9.8   | 14.6  |

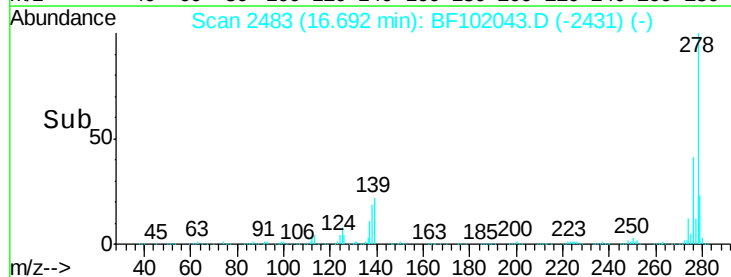
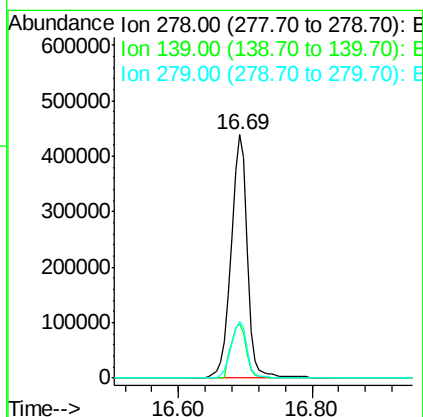
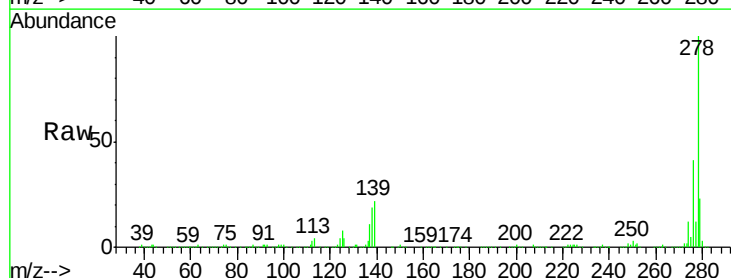
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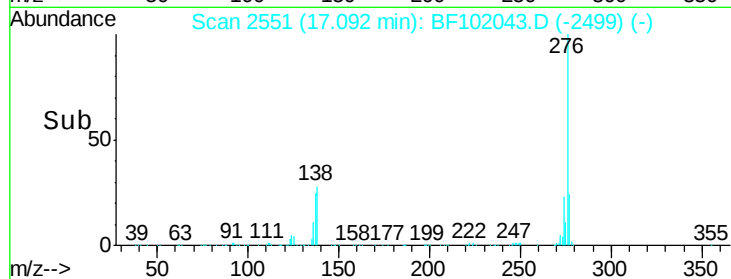
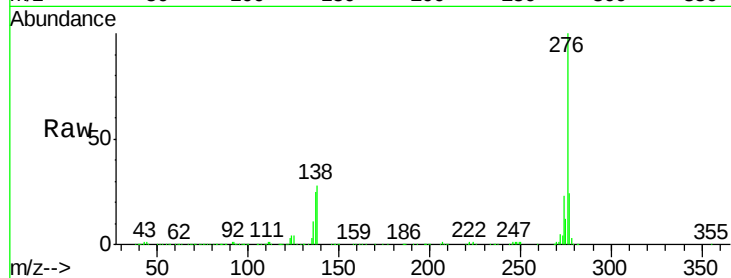
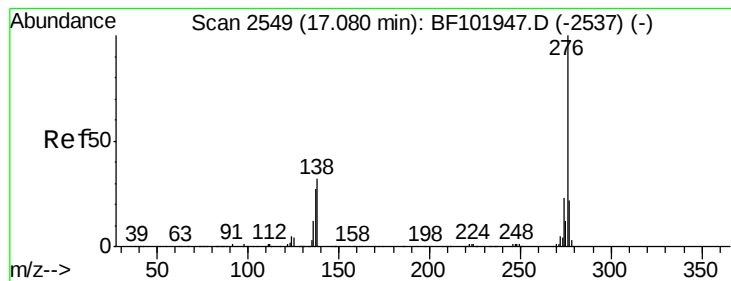
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#90  
Dibenzo(a,h)anthracene  
Concen: 43.883 ng  
RT: 16.69 min Scan# 2483  
Delta R.T. 0.01 min  
Lab File: BF102043.D  
Acq: 12 Jan 2018 15:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 22.2  | 15.9  | 23.9  |
| 279     | 23.2  | 19.0  | 28.4  |





#91

Benzo(g,h,i)perylene

Concen: 45.871 ng

RT: 17.09 min Scan# 2551

Delta R.T. 0.01 min

Lab File: BF102043.D

Acq: 12 Jan 2018 15:24

Instrument :

BNA\_F

ClientSampleId :

PB105599BS

Tgt Ion: 276 Resp: 800120

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 28.2 21.8 32.8

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