

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\  
 Data File : BF107032.D  
 Acq On : 2 Jul 2018 9:34  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 7/3/2018 5:29:35 PM

Quant Time: Jul 02 11:57:46 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 29 14:38:29 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.95  | 152  | 70763    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.24  | 136  | 289453   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.00 | 164  | 150536   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.50 | 188  | 307970   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.15 | 240  | 252793   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.69 | 264  | 201648   | 20.00 | ng    | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.60  | 112  | 346894   | 83.01 | ng    | 0.00     |
| 7) Phenol-d6                | 6.61  | 99   | 421977   | 80.86 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 407303   | 78.20 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 155664   | 89.22 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.31  | 172  | 764954   | 86.22 | ng    | -0.01    |
| 78) Terphenyl-d14           | 13.08 | 244  | 951831   | 91.21 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.82 | 88   | 83535    | 38.881 | ng    | 98     |
| 3) Pyridine                    | 3.60 | 79   | 220752   | 37.886 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.58 | 42   | 90453    | 36.550 | ng    | 86     |
| 6) Aniline                     | 6.62 | 93   | 278380   | 39.324 | ng    | # 82   |
| 8) 2-Chlorophenol              | 6.75 | 128  | 192422   | 41.981 | ng    | 95     |
| 9) Benzaldehyde                | 6.51 | 77   | 128165   | 34.973 | ng    | 97     |
| 10) Phenol                     | 6.62 | 94   | 234884   | 39.438 | ng    | # 72   |
| 11) bis(2-Chloroethyl)ether    | 6.69 | 93   | 192720   | 39.196 | ng    | 100    |
| 12) 1,3-Dichlorobenzene        | 6.90 | 146  | 226973   | 42.280 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 6.97 | 146  | 229639   | 42.311 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 7.13 | 146  | 211390   | 42.499 | ng    | 97     |
| 15) Benzyl Alcohol             | 7.10 | 79   | 166626   | 39.764 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.22 | 45   | 233251   | 36.157 | ng    | # 22   |
| 17) 2-Methylphenol             | 7.22 | 107  | 170141   | 43.376 | ng    | # 91   |
| 18) Hexachloroethane           | 7.47 | 117  | 77539    | 40.626 | ng    | # 84   |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70   | 136379   | 39.645 | ng    | 92     |
| 20) 3+4-Methylphenols          | 7.37 | 107  | 198341   | 47.617 | ng    | # 73   |
| 22) Acetophenone               | 7.37 | 105  | 269565   | 41.627 | ng    | # 97   |
| 24) Nitrobenzene               | 7.54 | 77   | 205777   | 38.697 | ng    | 100    |
| 25) Isophorone                 | 7.78 | 82   | 349748   | 38.107 | ng    | 98     |
| 26) 2-Nitrophenol              | 7.86 | 139  | 108725   | 43.312 | ng    | 93     |
| 27) 2,4-Dimethylphenol         | 7.90 | 122  | 155565   | 40.094 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.98 | 93   | 243510   | 39.516 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 8.11 | 162  | 173798   | 42.785 | ng    | 92     |
| 30) 1,2,4-Trichlorobenzene     | 8.18 | 180  | 199920   | 44.676 | ng    | 99     |
| 31) Naphthalene                | 8.27 | 128  | 556798   | 41.144 | ng    | 99     |
| 32) Benzoic acid               | 8.03 | 122  | 88884m   | 33.464 | ng    |        |
| 33) 4-Chloroaniline            | 8.31 | 127  | 241060   | 42.453 | ng    | 99     |
| 34) Hexachlorobutadiene        | 8.37 | 225  | 132855   | 45.563 | ng    | 98     |
| 35) Caprolactam                | 8.70 | 113  | 54973m   | 41.516 | ng    |        |
| 36) 4-Chloro-3-methylphenol    | 8.80 | 107  | 178394   | 41.723 | ng    | 100    |
| 37) 2-Methylnaphthalene        | 8.95 | 142  | 401758   | 44.790 | ng    | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216  | 216587   | 42.723 | ng    | # 96   |
| 40) Hexachlorocyclopentadiene  | 9.10 | 237  | 142466   | 54.621 | ng    | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\  
 Data File : BF107032.D  
 Acq On : 2 Jul 2018 9:34  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDC0040

Manual Integrations  
 APPROVED

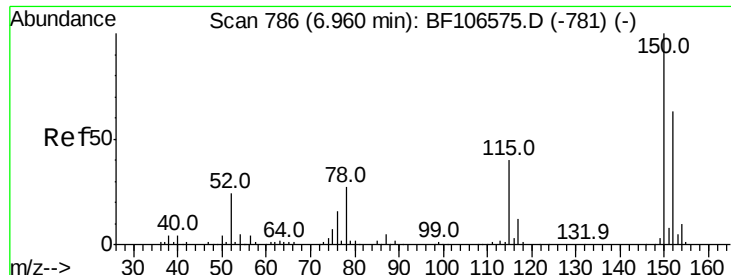
Sohil  
 7/3/2018 5:29:35 PM

Quant Time: Jul 02 11:57:46 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 29 14:38:29 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.24  | 196  | 124231   | 36.866 | nq    | 94       |
| 43) 2,4,5-Trichlorophenol      | 9.29  | 196  | 129344   | 36.784 | nq #  | 87       |
| 45) 1,1'-Biphenyl              | 9.42  | 154  | 506522   | 42.221 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.45  | 162  | 366121   | 38.770 | nq    | 95       |
| 47) 2-Nitroaniline             | 9.55  | 65   | 115615   | 36.408 | nq    | 97       |
| 48) Acenaphthylene             | 9.87  | 152  | 579978   | 38.901 | nq    | 99       |
| 49) Dimethylphthalate          | 9.71  | 163  | 439489   | 38.926 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.79  | 165  | 101410   | 42.417 | nq #  | 85       |
| 51) Acenaphthene               | 10.04 | 154  | 365544   | 38.935 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.97  | 138  | 110957   | 40.331 | nq    | 92       |
| 53) 2,4-Dinitrophenol          | 10.08 | 184  | 54784    | 46.477 | nq #  | 17       |
| 54) Dibenzofuran               | 10.21 | 168  | 535429   | 41.649 | nq    | 97       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 70315    | 36.616 | nq    | 98       |
| 56) 2,4-Dinitrotoluene         | 10.20 | 165  | 130244   | 41.736 | nq #  | 92       |
| 57) Fluorene                   | 10.55 | 166  | 439775   | 43.109 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 109993   | 39.351 | nq #  | 76       |
| 59) Diethylphthalate           | 10.41 | 149  | 420244   | 38.565 | nq #  | 93       |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204  | 234370   | 43.909 | nq #  | 87       |
| 61) 4-Nitroaniline             | 10.58 | 138  | 108467   | 39.726 | nq    | 96       |
| 62) Azobenzene                 | 10.70 | 77   | 388295   | 36.185 | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 10.61 | 198  | 77667    | 40.798 | nq #  | 72       |
| 65) n-Nitrosodiphenylamine     | 10.66 | 169  | 394394   | 38.074 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 11.03 | 248  | 154747   | 42.103 | nq #  | 78       |
| 67) Hexachlorobenzene          | 11.10 | 284  | 170109   | 44.220 | nq #  | 86       |
| 68) Atrazine                   | 11.18 | 200  | 136597   | 41.480 | nq    | 96       |
| 69) Pentachlorophenol          | 11.31 | 266  | 72772    | 37.913 | nq    | 97       |
| 70) Phenanthrene               | 11.52 | 178  | 639829   | 43.074 | nq    | 99       |
| 71) Anthracene                 | 11.57 | 178  | 655499   | 43.234 | nq    | 100      |
| 72) Carbazole                  | 11.73 | 167  | 588613   | 41.466 | nq    | 98       |
| 73) Di-n-butylphthalate        | 12.04 | 149  | 653993   | 39.108 | nq    | 100      |
| 74) Fluoranthene               | 12.71 | 202  | 712571   | 43.523 | nq    | 96       |
| 76) Benzo(a)pyrene             | 12.83 | 184  | 262020   | 36.394 | nq    | 98       |
| 77) Pyrene                     | 12.95 | 202  | 722350   | 43.332 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.54 | 149  | 269019   | 39.251 | nq #  | 94       |
| 80) Benzo(a)anthracene         | 14.14 | 228  | 623597   | 40.475 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.09 | 252  | 197614   | 36.494 | nq #  | 97       |
| 82) Chrysene                   | 14.18 | 228  | 576409   | 40.666 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.09 | 149  | 321264   | 36.664 | nq #  | 97       |
| 84) Di-n-octyl phthalate       | 14.72 | 149  | 517252   | 36.214 | nq    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.28 | 276  | 502405   | 41.767 | nq #  | 89       |
| 87) Benzo(b)fluoranthene       | 15.24 | 252  | 500607   | 39.965 | nq #  | 96       |
| 88) Benzo(k)fluoranthene       | 15.27 | 252  | 490275   | 41.100 | nq #  | 95       |
| 89) Benzo(a)pyrene             | 15.63 | 252  | 455799   | 40.932 | nq #  | 96       |
| 90) Dibenzo(a,h)anthracene     | 17.29 | 278  | 423157   | 44.839 | nq #  | 92       |
| 91) Benzo(g,h,i)perylene       | 17.77 | 276  | 429174   | 46.527 | nq #  | 89       |

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





#1

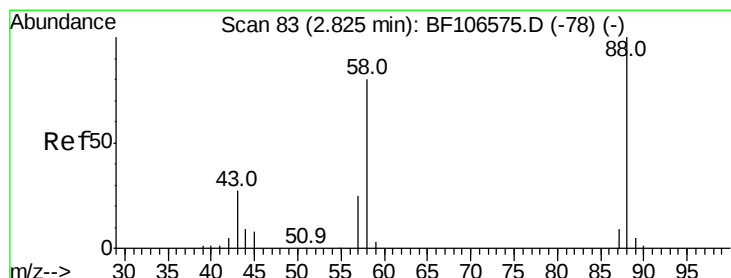
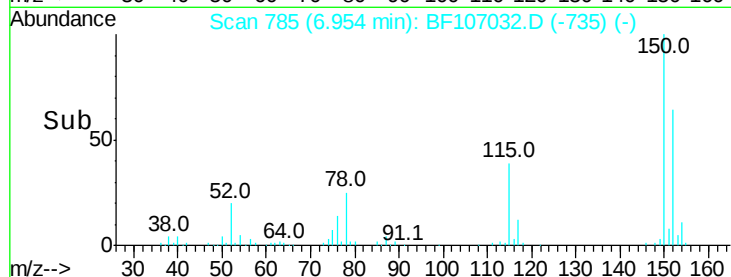
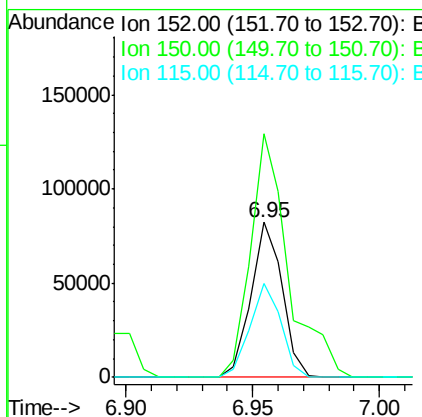
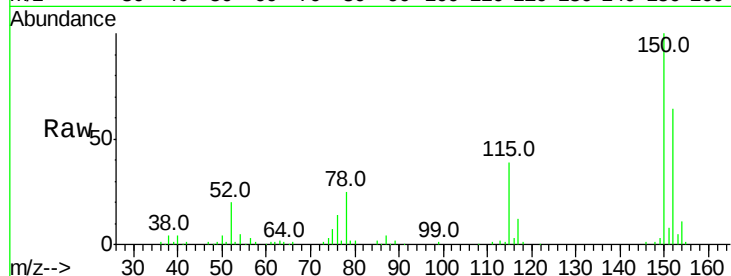
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.95 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.2 | 124.6 | 186.8 |
| 115     | 60.6  | 50.1  | 75.1  |

Manual Integrations  
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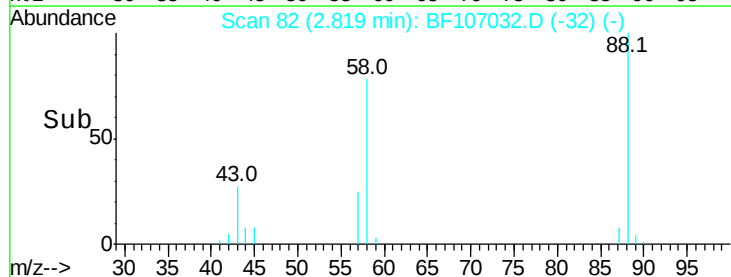
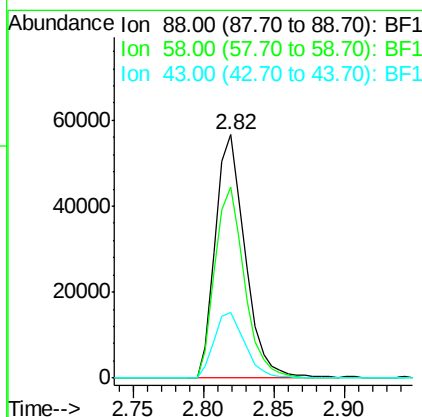
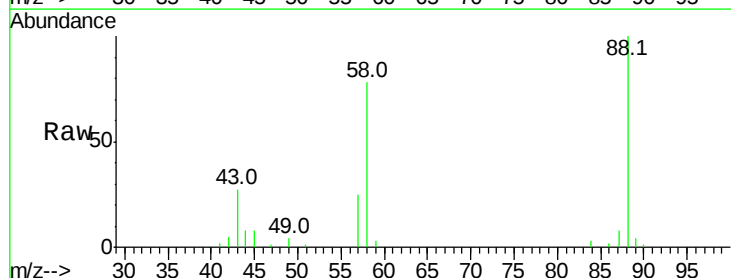
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7/3/2018 5:29:35 PM

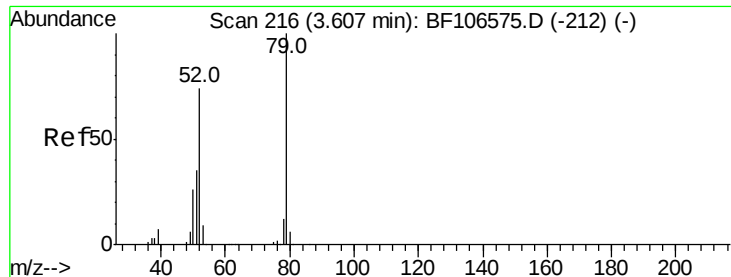


#2

1,4-Dioxane  
Concen: 38.881 ng  
RT: 2.82 min Scan# 82  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 77.4  | 62.6  | 93.8  |
| 43      | 27.9  | 24.6  | 37.0  |





#3

Pvridine

Concen: 37.886 ng

RT: 3.60 min Scan# 215

Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

Instrument :

BNA\_F

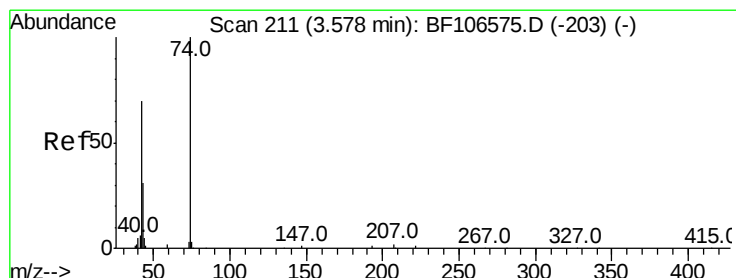
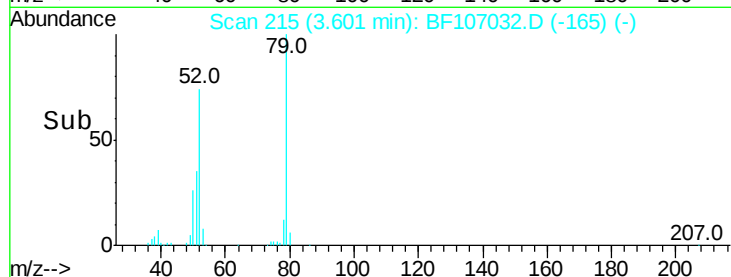
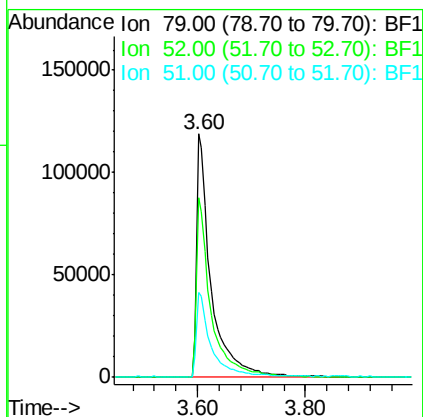
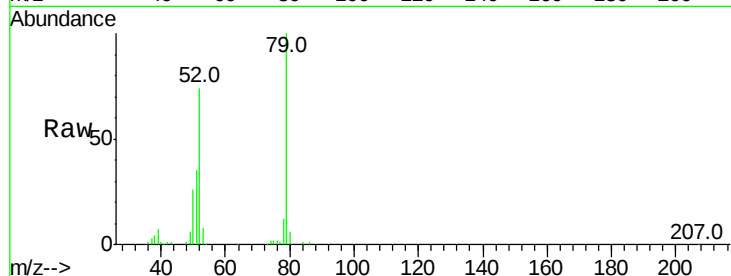
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 220752 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 73.8  | 59.8  | 89.6   |
| 51        | 35.1  | 29.8  | 44.8   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 36.550 ng

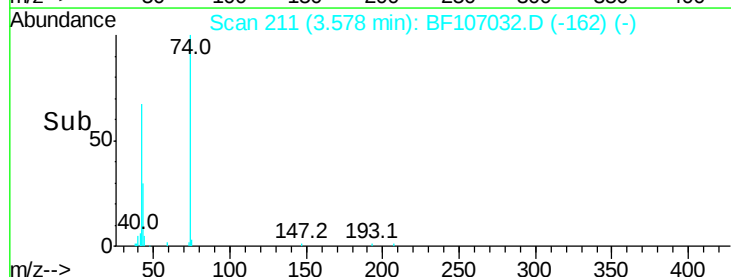
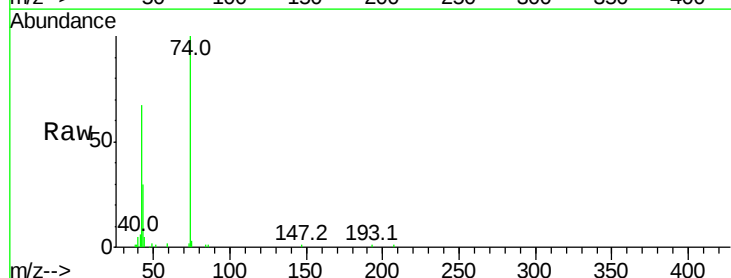
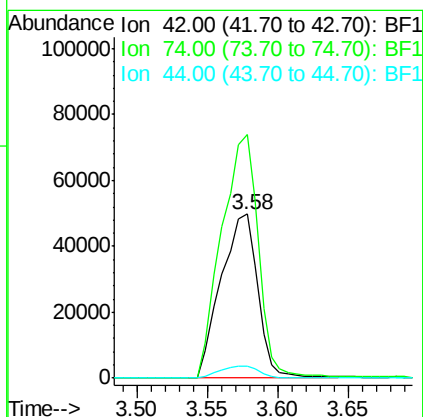
RT: 3.58 min Scan# 211

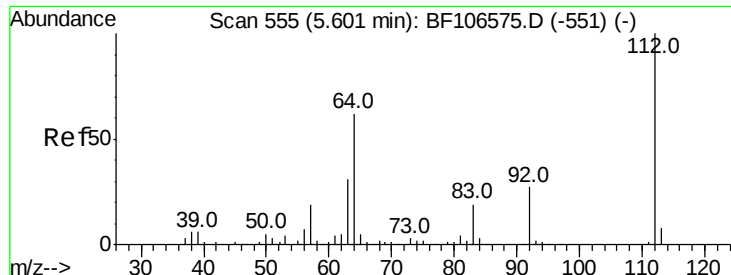
Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 90453 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 148.6 | 104.9 | 157.3 |
| 44        | 7.4   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 83.010 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

Instrument :

BNA\_F

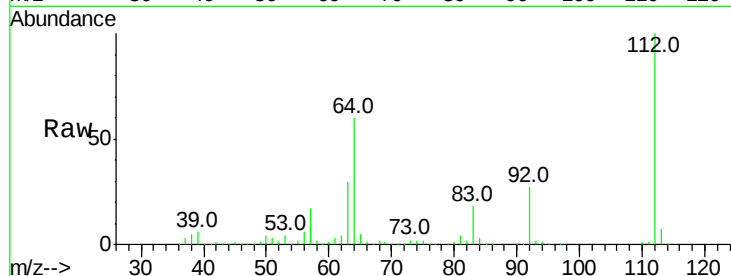
ClientSampleId :

SSTDCCC040

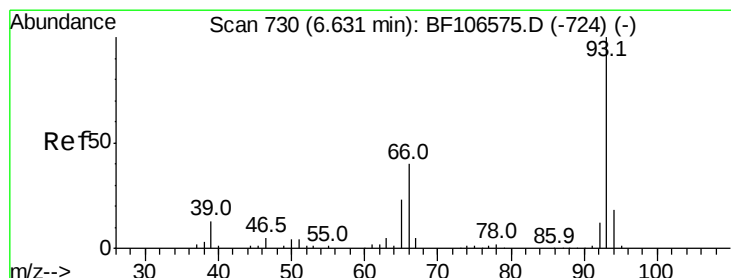
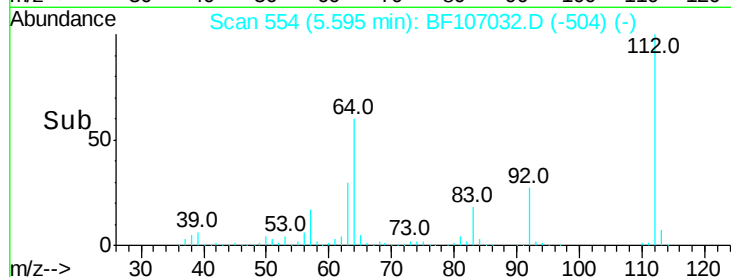
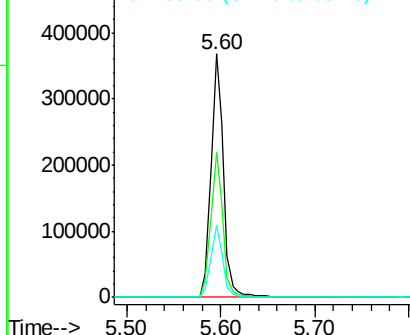
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 346894 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 59.6  | 47.9  | 71.9   |
| 63        | 29.5  | 23.7  | 35.5   |

Manual Integrations  
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Abundance Ion 112.00 (111.70 to 112.70): BF1  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.324 ng

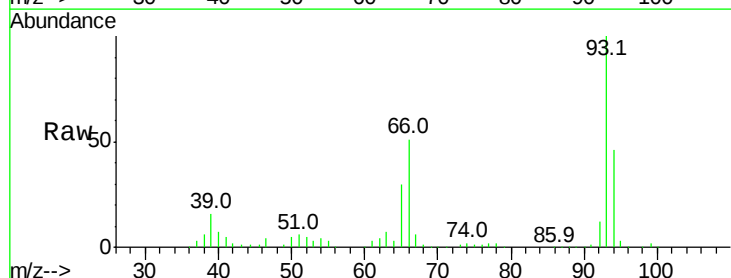
RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

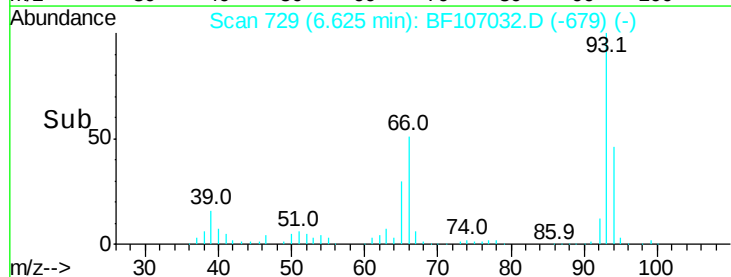
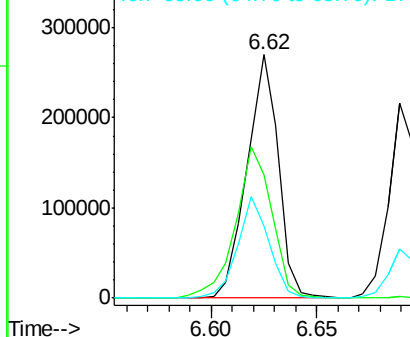
Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 278380 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 50.7  | 32.2  | 48.2#  |
| 65        | 29.6  | 16.4  | 24.6#  |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.859 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

Instrument :

BNA\_F

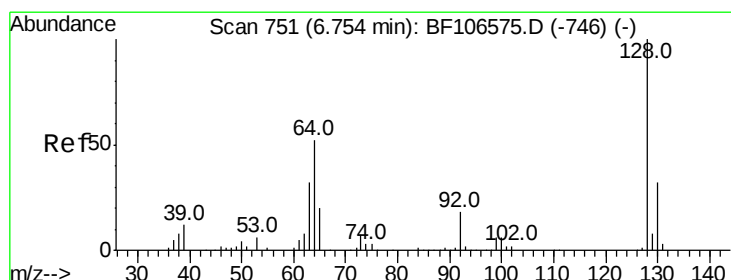
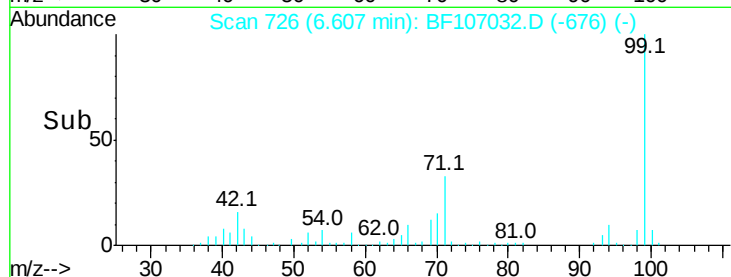
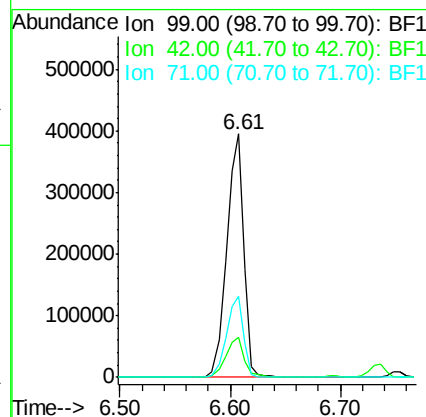
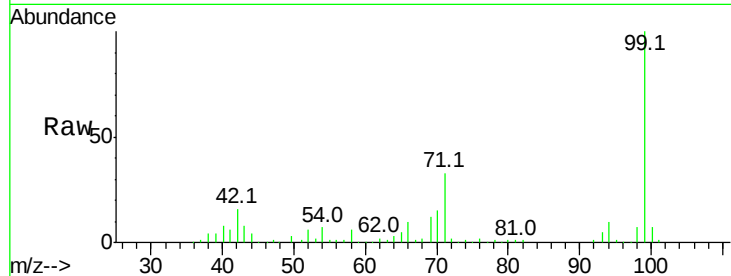
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 421977 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.5  | 14.5  | 21.7   |
| 71        | 33.2  | 25.4  | 38.0   |

Manual Integrations  
APPROVED

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#8

2-Chlorophenol

Concen: 41.981 ng

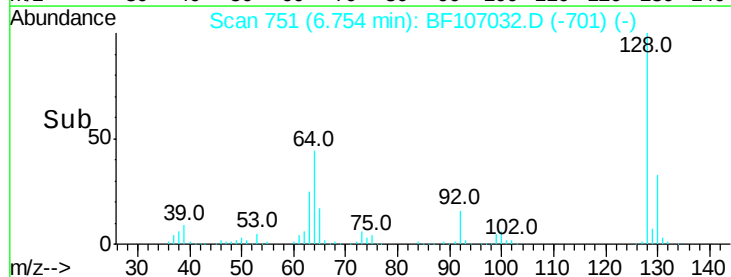
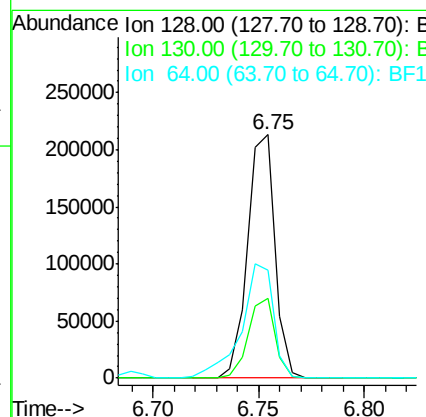
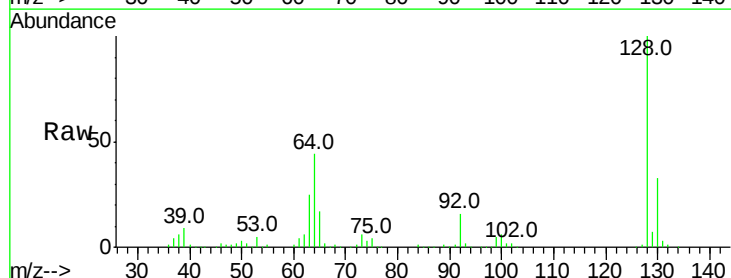
RT: 6.75 min Scan# 751

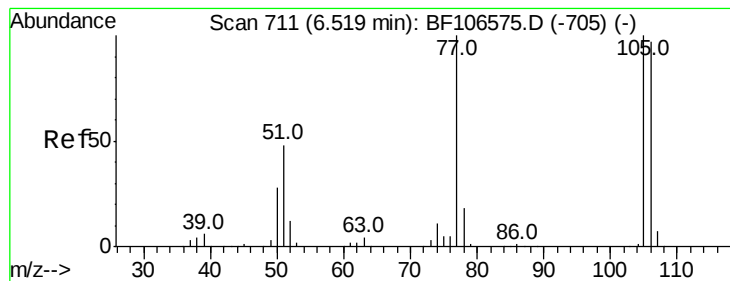
Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 192422 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.8  | 13.0  | 53.0   |
| 64        | 44.2  | 29.4  | 69.4   |





#9

Benzaldehyde

Concen: 34.973 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 128165

Ion Ratio Lower Upper

77 100

105 102.8 81.1 121.1

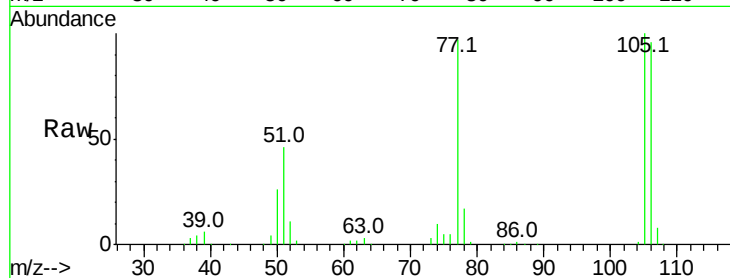
106 99.2 74.5 114.5

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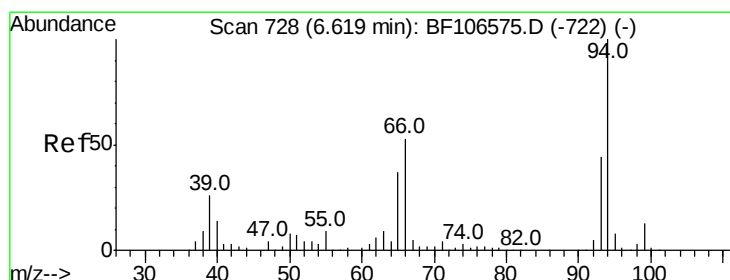
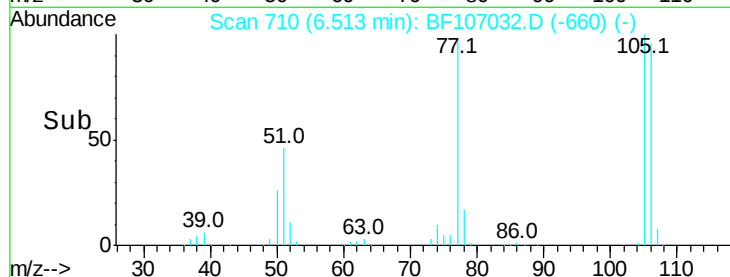
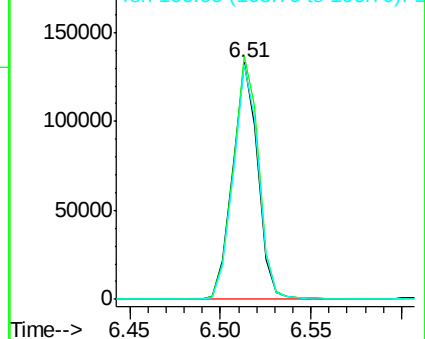
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.438 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

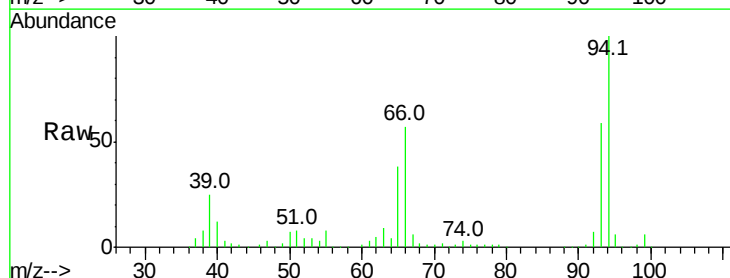
Tgt Ion: 94 Resp: 234884

Ion Ratio Lower Upper

94 100

65 37.8 7.9 47.9

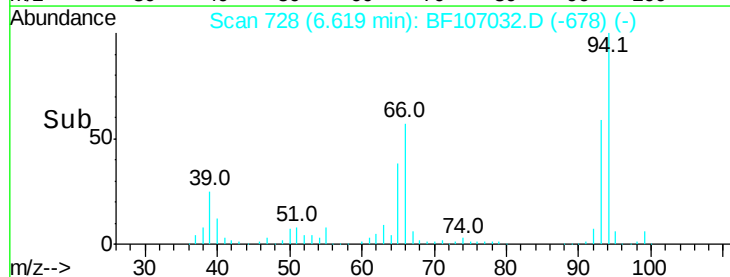
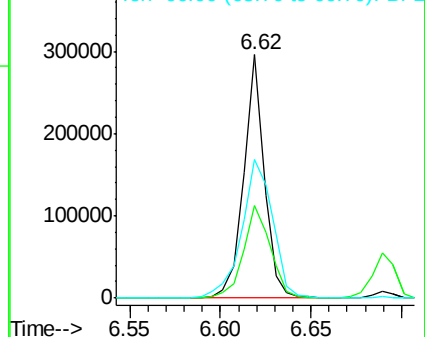
66 56.9 16.2 56.2#

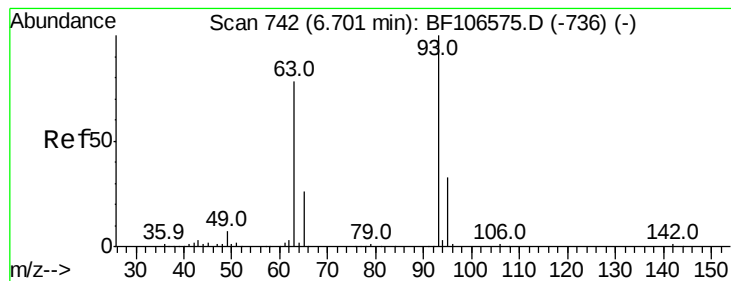


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





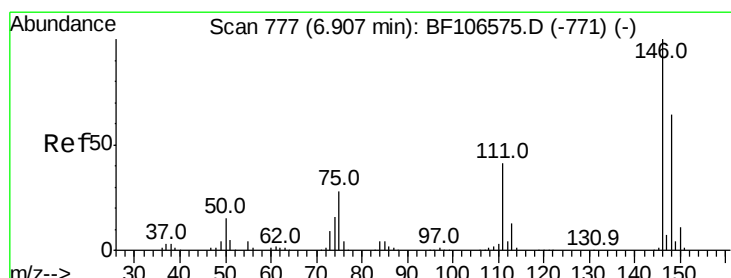
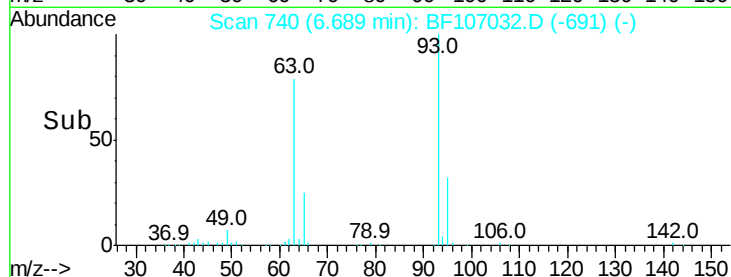
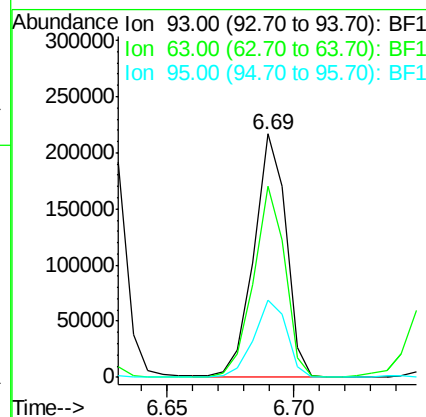
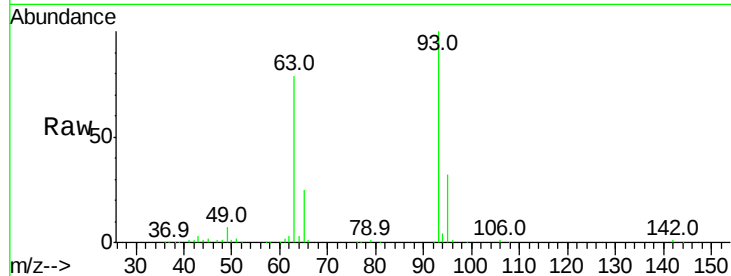
#11  
bis(2-Chloroethyl)ether  
Concen: 39.196 ng  
RT: 6.69 min Scan# 740  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 192720 |       |       |
| 63      | 78.6  | 58.6   | 98.6  |       |
| 95      | 31.9  | 11.8   | 51.8  |       |

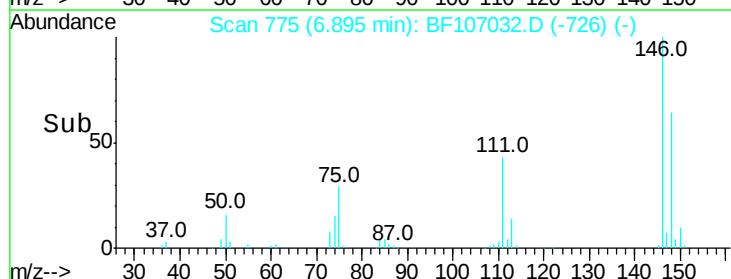
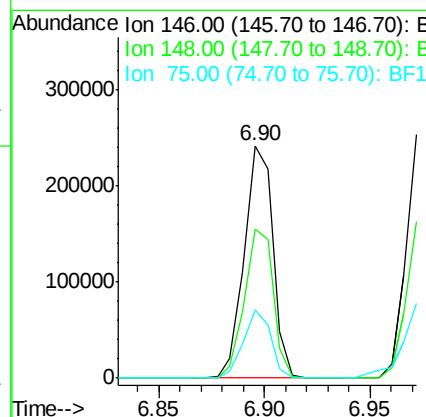
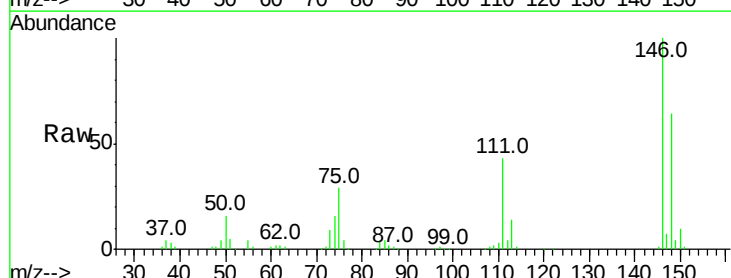
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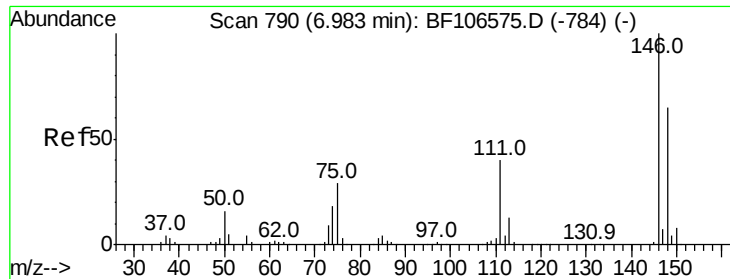
Sohil  
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#12  
1,3-Dichlorobenzene  
Concen: 42.280 ng  
RT: 6.90 min Scan# 775  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 226973 |       |       |
| 148     | 63.9  | 51.8   | 77.8  |       |
| 75      | 29.4  | 24.2   | 36.4  |       |





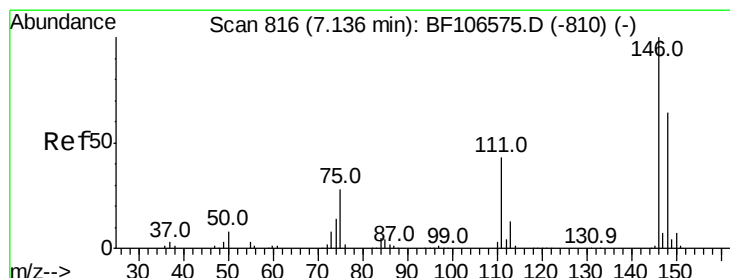
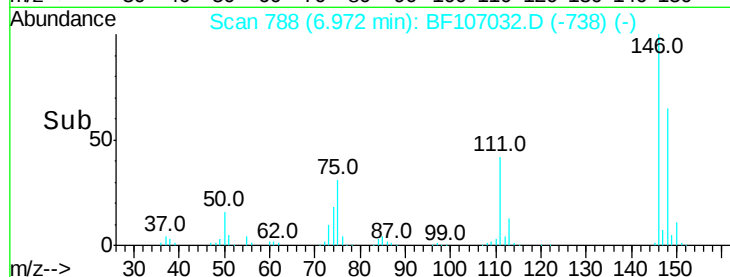
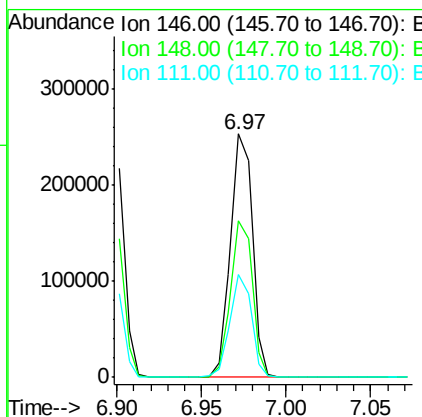
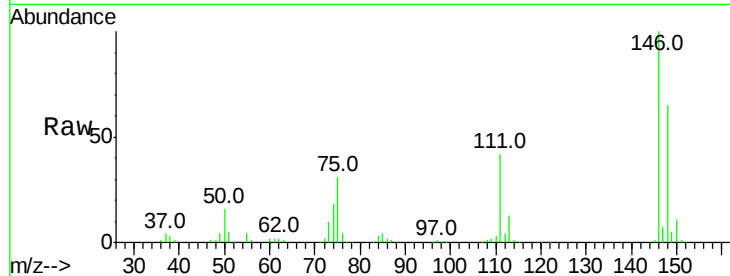
#13  
1,4-Dichlorobenzene  
Concen: 42.311 ng  
RT: 6.97 min Scan# 788  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 50.8  | 76.2  |
| 111     | 42.1  | 34.2  | 51.2  |

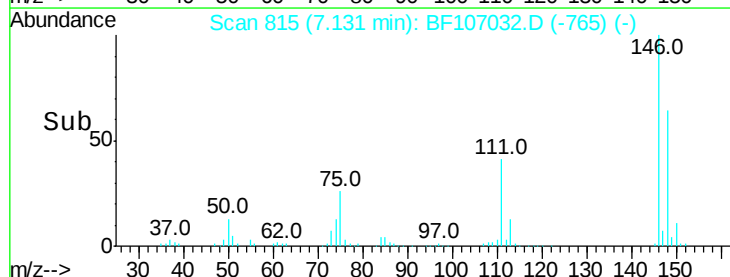
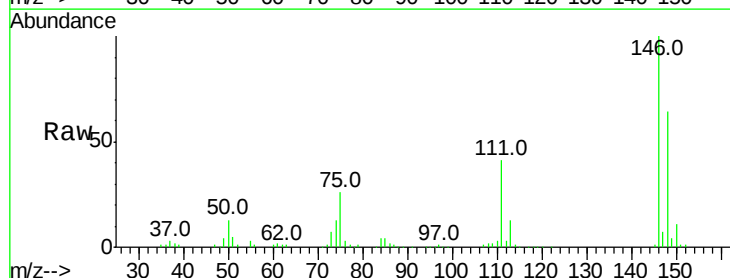
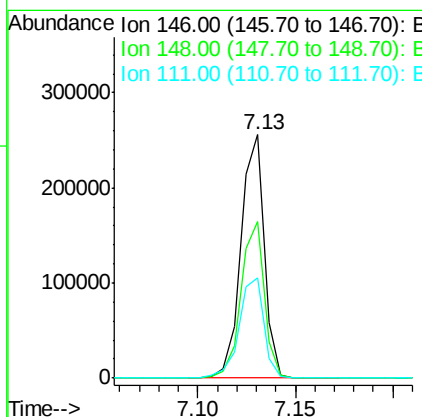
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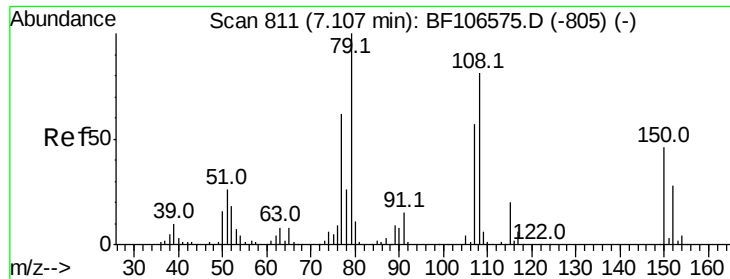
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#14  
1,2-Dichlorobenzene  
Concen: 42.499 ng  
RT: 7.13 min Scan# 815  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 50.6  | 75.8  |
| 111     | 41.0  | 36.0  | 54.0  |





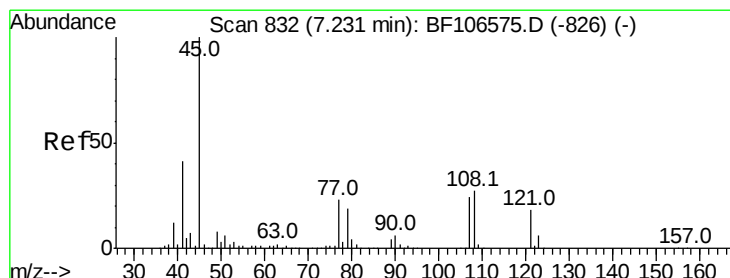
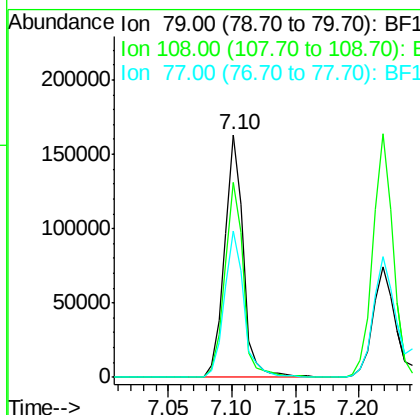
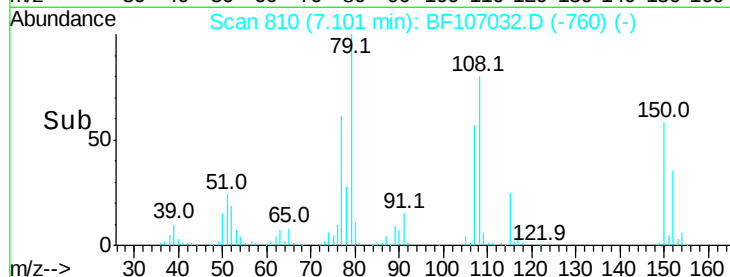
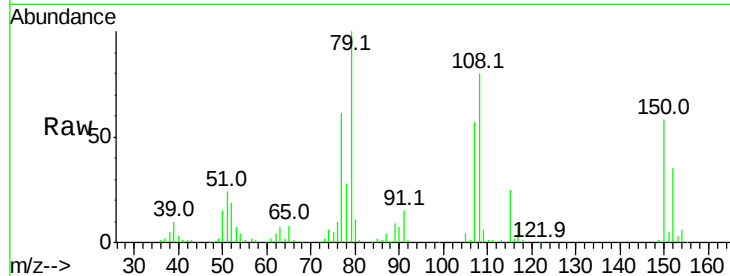
#15  
Benzyl Alcohol  
Concen: 39.764 ng  
RT: 7.10 min Scan# 810  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion: 79 Resp: 166626  
Ion Ratio Lower Upper  
79 100  
108 80.2 65.1 97.7  
77 60.5 50.6 75.8

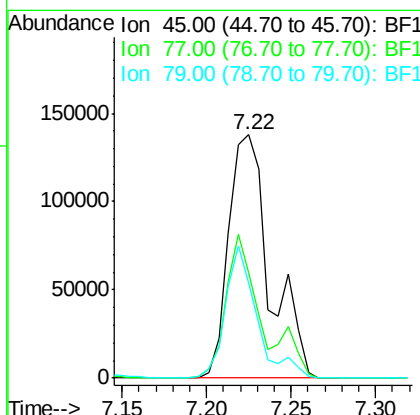
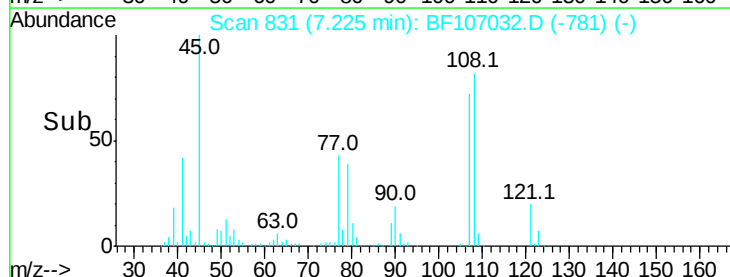
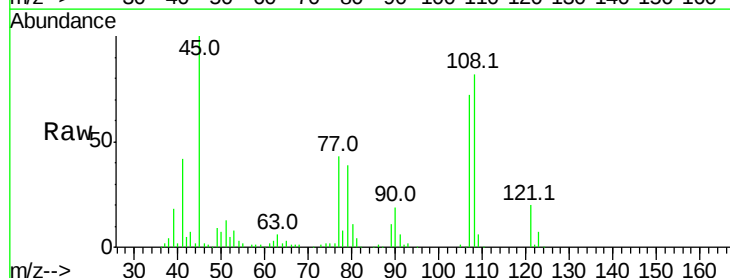
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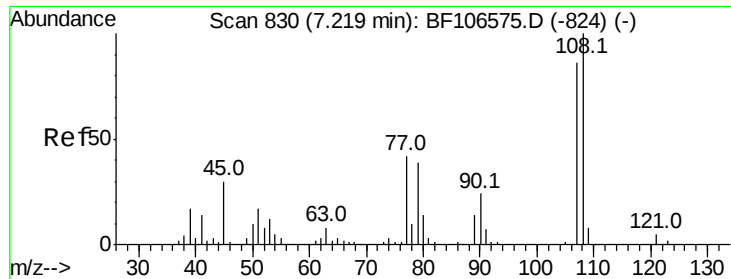
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.157 ng  
RT: 7.22 min Scan# 831  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Tgt Ion: 45 Resp: 233251  
Ion Ratio Lower Upper  
45 100  
77 43.2 0.0 32.9#  
79 39.2 0.0 29.6#





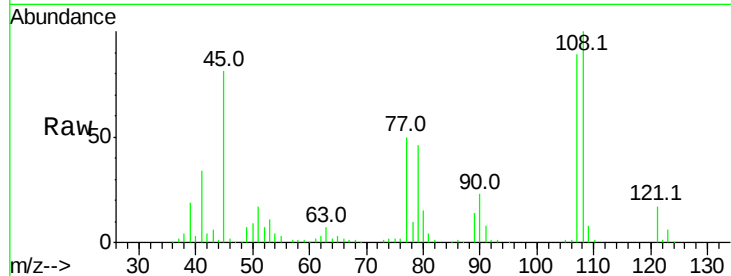
#17  
2-Methylphenol  
Concen: 43.376 ng  
RT: 7.22 min Scan# 830  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

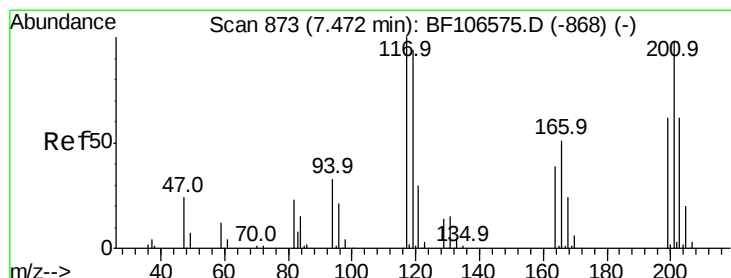
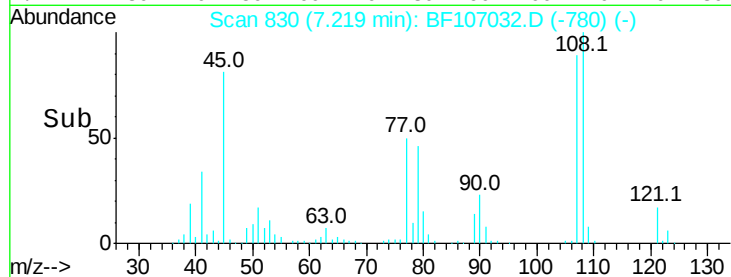
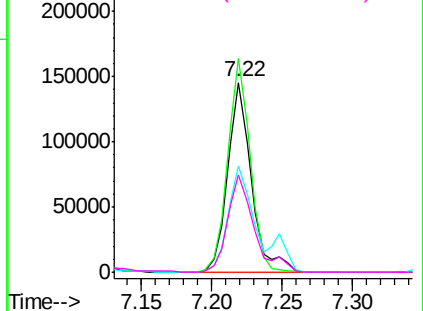
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion   | 107   | Resp  | 170141 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 112.4 | 91.7  | 137.5  |
| 77        | 55.8  | 33.8  | 50.8#  |
| 79        | 51.2  | 33.8  | 50.8#  |

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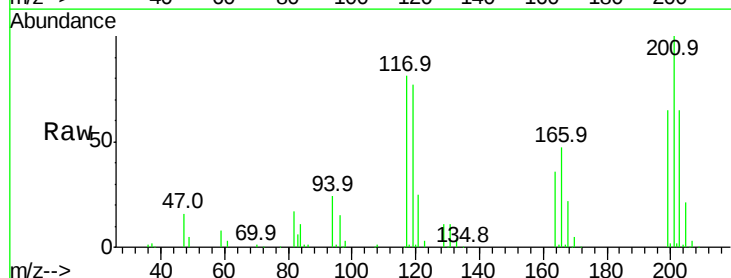


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

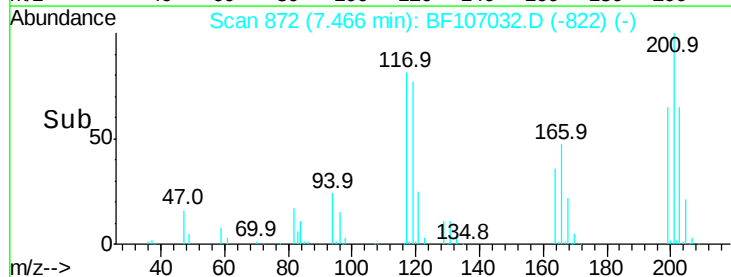
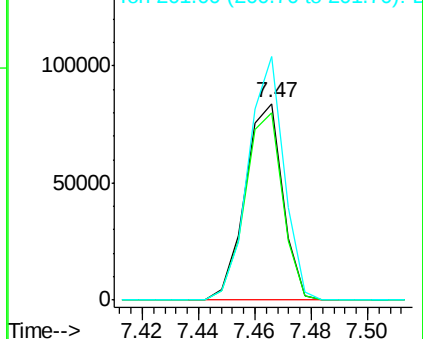


#18  
Hexachloroethane  
Concen: 40.626 ng  
RT: 7.47 min Scan# 872  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion   | 117   | Resp  | 77539  |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.6  | 75.8  | 113.8  |
| 201       | 124.0 | 75.7  | 113.5# |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





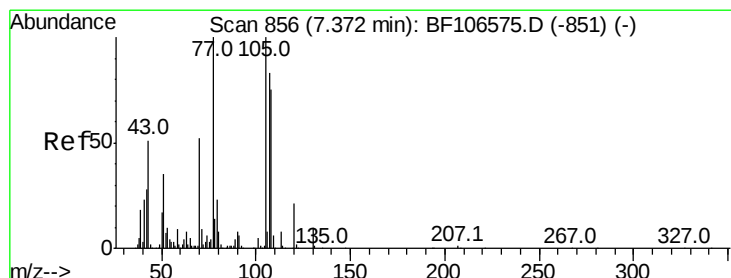
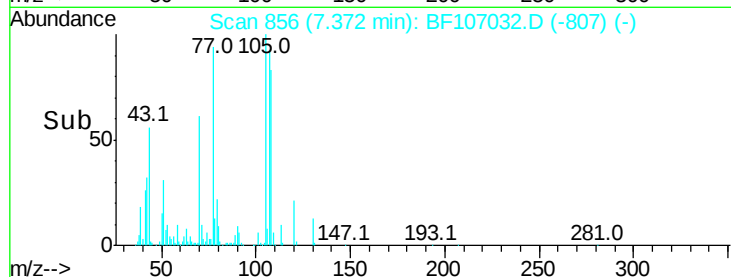
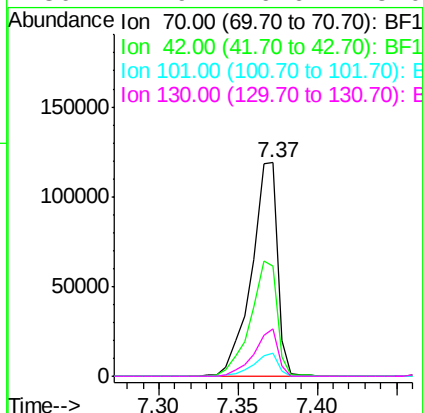
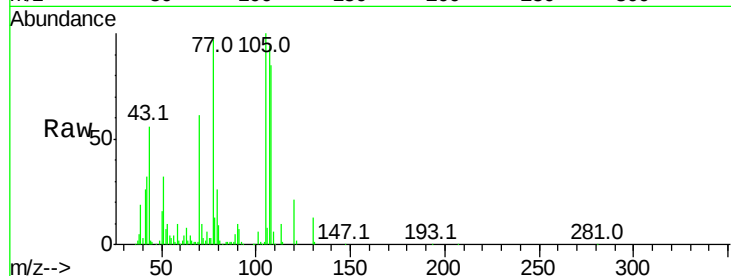
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.645 ng  
RT: 7.37 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 51.7  | 47.5  | 71.3  |
| 101     | 10.6  | 7.4   | 11.2  |
| 130     | 21.9  | 16.6  | 25.0  |

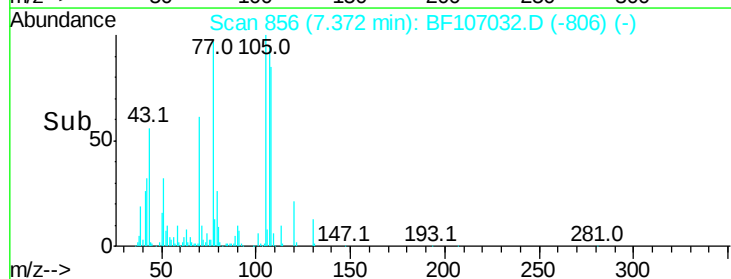
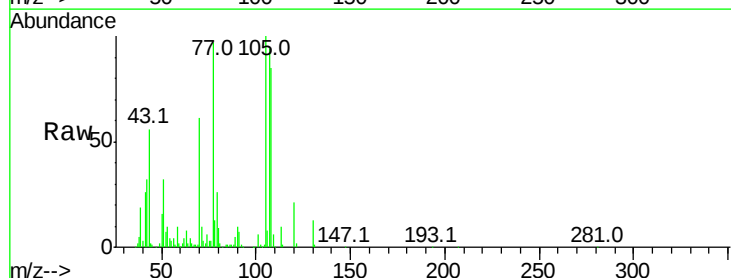
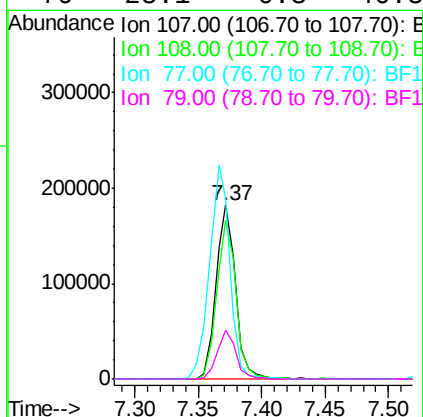
Manual Integrations  
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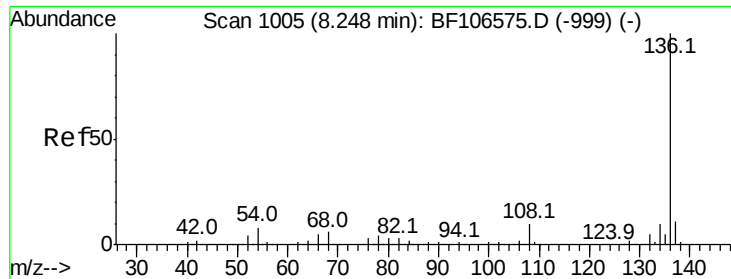
Sohil  
7/3/2018 5:29:35 PM



#20  
3+4-Methylphenols  
Concen: 47.617 ng  
RT: 7.37 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 91.1  | 68.2  | 108.2 |
| 77      | 103.4 | 26.7  | 66.7# |
| 79      | 28.1  | 6.3   | 46.3  |





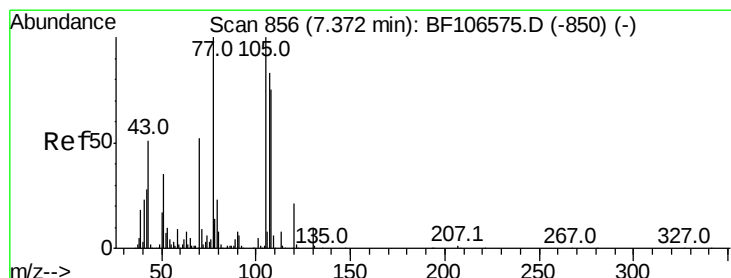
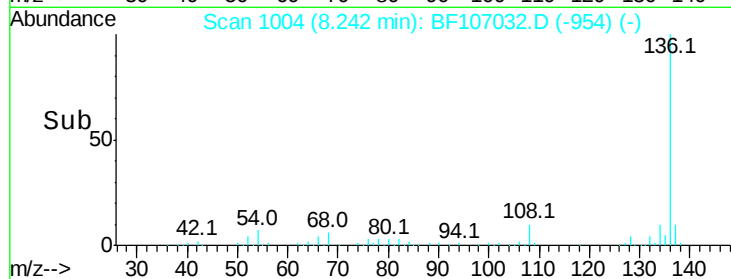
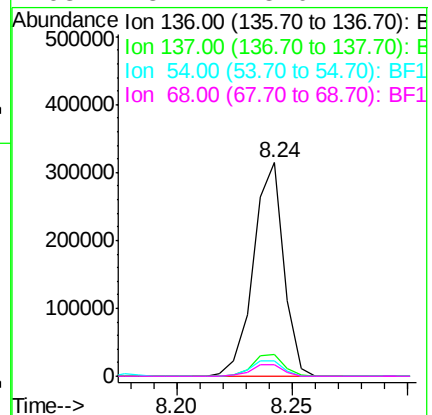
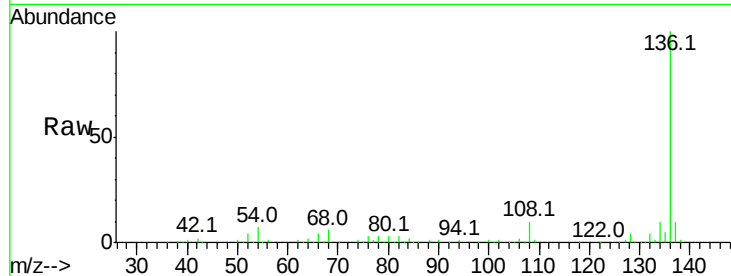
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.24 min Scan# 1004  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 289453 |       |       |
| 137     | 10.4  |        | 8.9   | 13.3  |
| 54      | 7.0   |        | 6.6   | 9.8   |
| 68      | 5.7   |        | 5.0   | 7.4   |

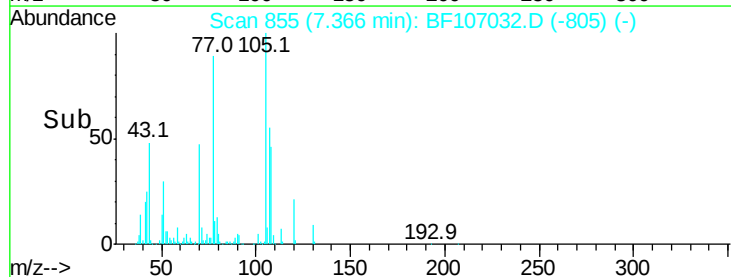
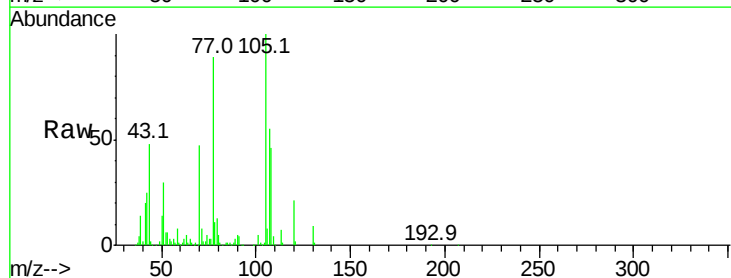
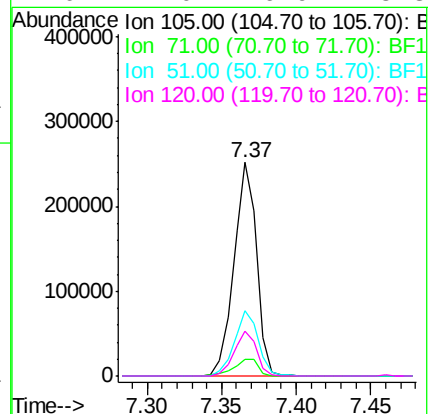
Manual Integrations  
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7/3/2018 5:29:35 PM



#22  
Acetophenone  
Concen: 41.627 ng  
RT: 7.37 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 269565 |       |       |
| 71      | 7.8   |        | 4.4   | 6.6#  |
| 51      | 30.5  |        | 22.3  | 33.5  |
| 120     | 21.0  |        | 16.9  | 25.3  |





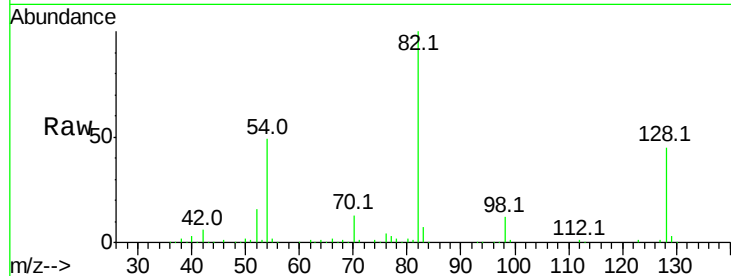
#23  
 Nitrobenzene-d5  
 Concen: 78.200 ng  
 RT: 7.52 min Scan# 882  
 Delta R.T. -0.01 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDCCC040

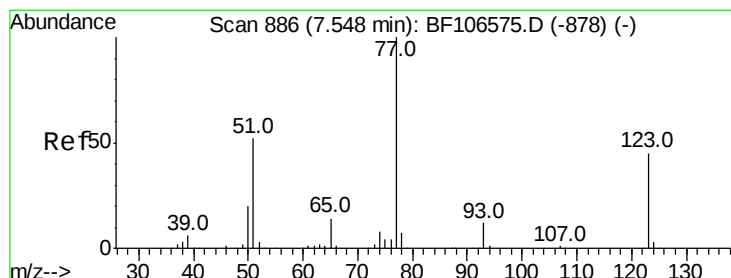
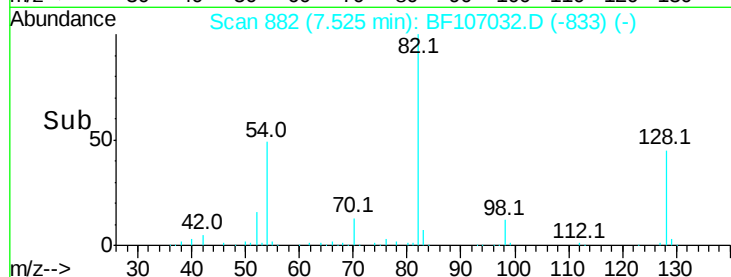
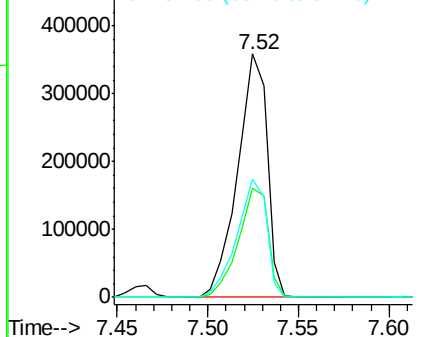
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 45.0  | 36.1 | 54.1  |       |
| 54      | 48.7  | 41.4 | 62.2  |       |

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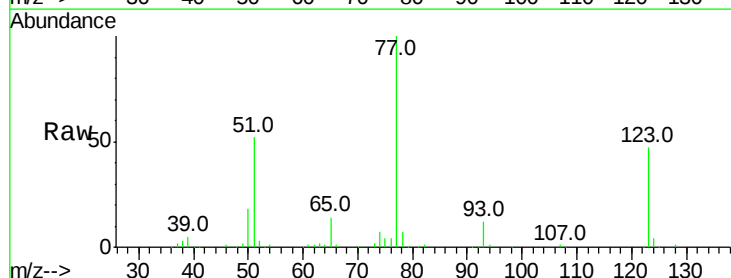


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

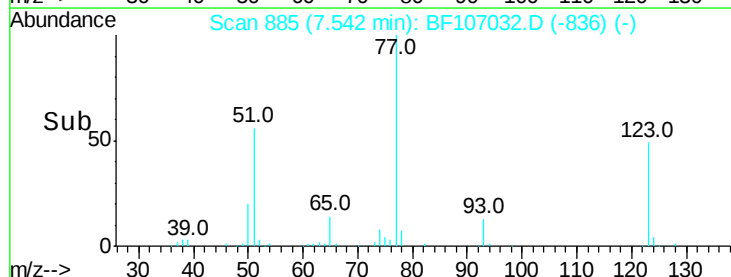
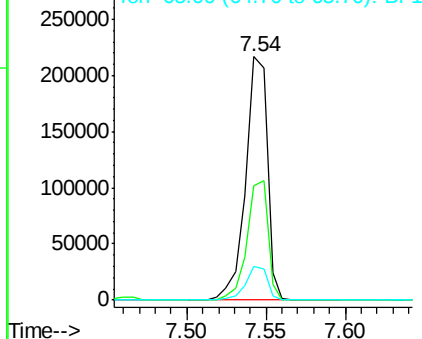


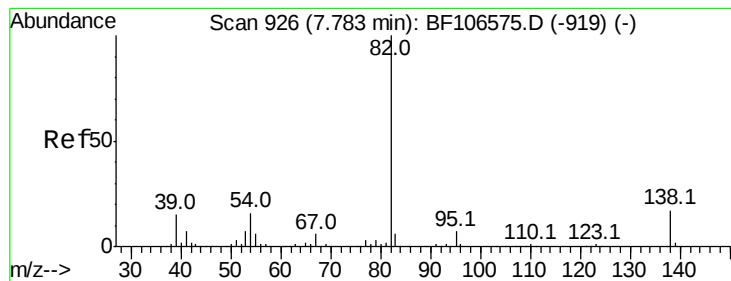
#24  
 Nitrobenzene  
 Concen: 38.697 ng  
 RT: 7.54 min Scan# 885  
 Delta R.T. -0.01 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 47.2  | 37.9 | 56.9  |       |
| 65      | 13.8  | 11.0 | 16.4  |       |



Abundance Ion 77.00 (76.70 to 77.70): BF1  
 Ion 123.00 (122.70 to 123.70): BF1  
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.107 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 349748

Ion Ratio Lower Upper

82 100

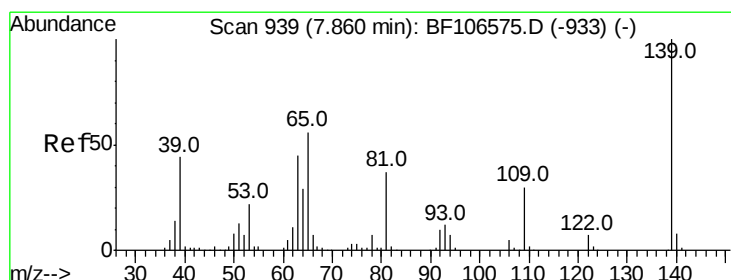
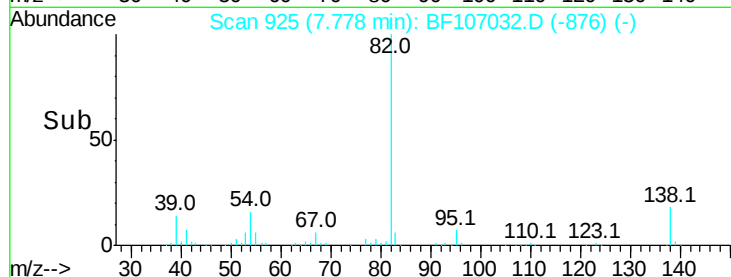
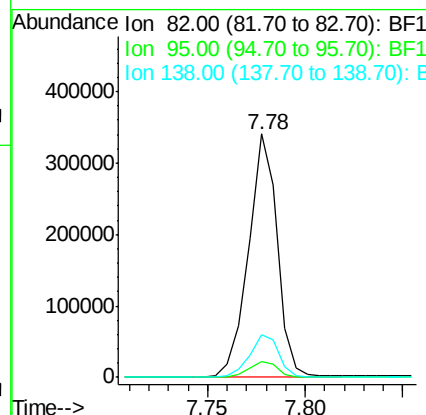
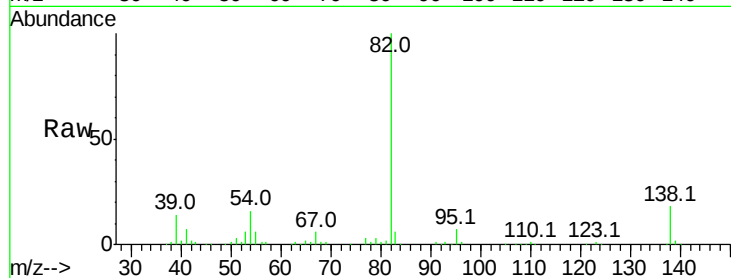
95 6.7 5.2 7.8

138 17.7 14.9 22.3

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#26

2-Nitrophenol

Concen: 43.312 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

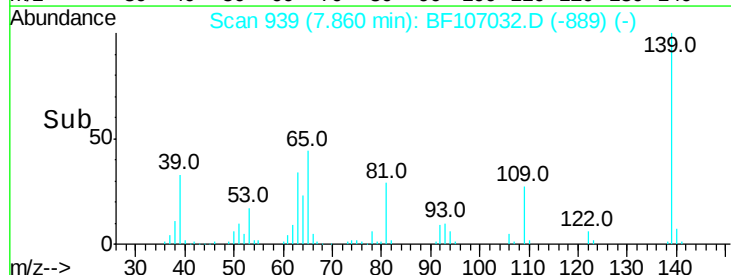
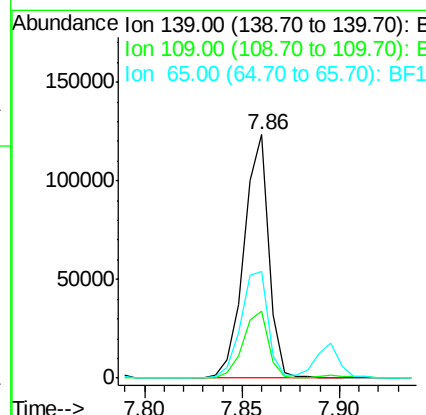
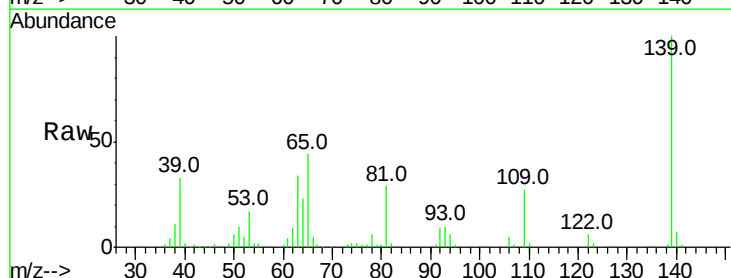
Tgt Ion: 139 Resp: 108725

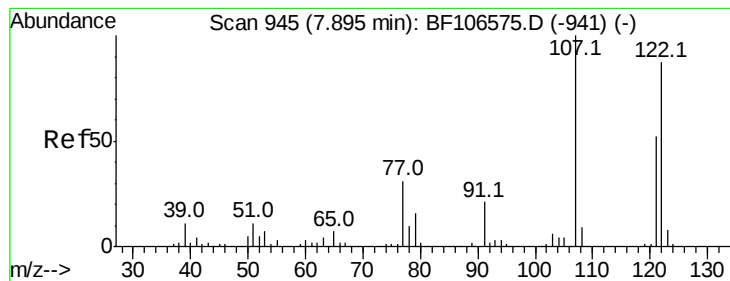
Ion Ratio Lower Upper

139 100

109 27.3 22.7 34.1

65 43.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.094 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

Instrument :

BNA\_F

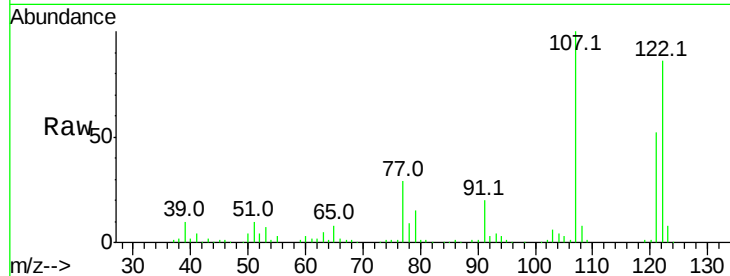
ClientSampled :

SSTDCCC040

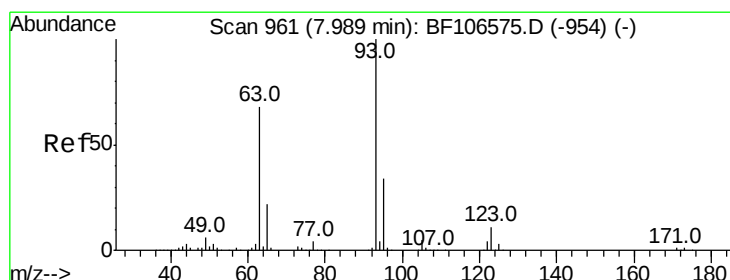
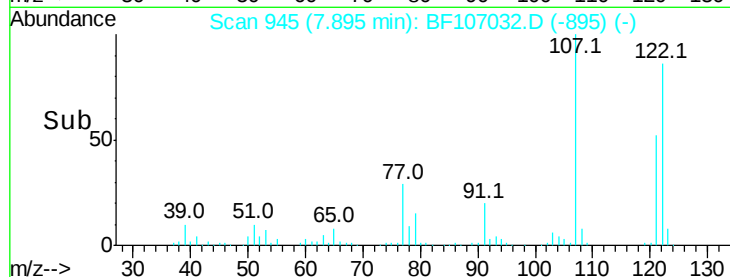
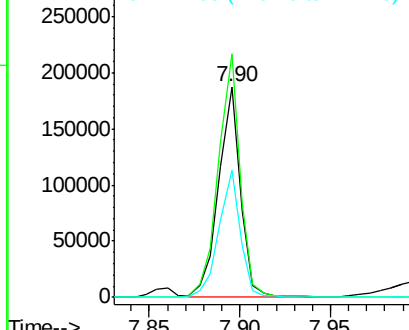
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 155565 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 115.7 | 91.2  | 136.8  |
| 121       | 60.2  | 47.2  | 70.8   |

Manual Integrations  
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Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.516 ng

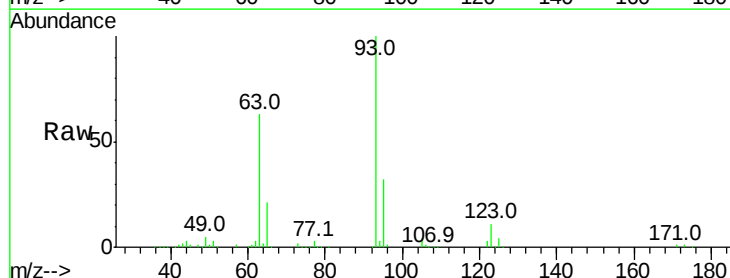
RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

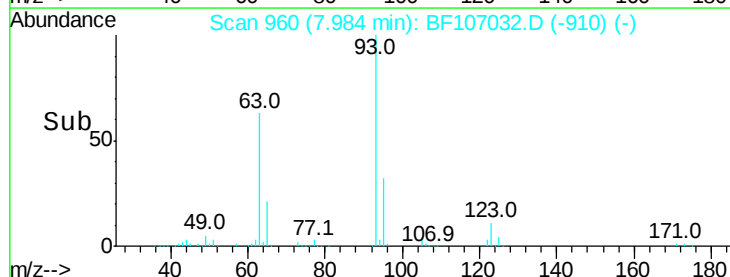
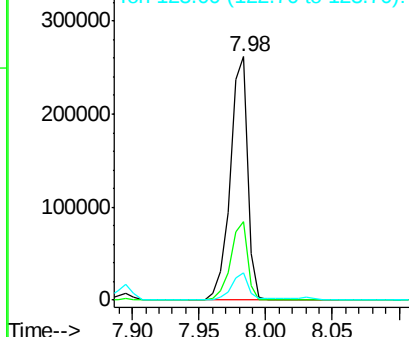
Lab File: BF107032.D

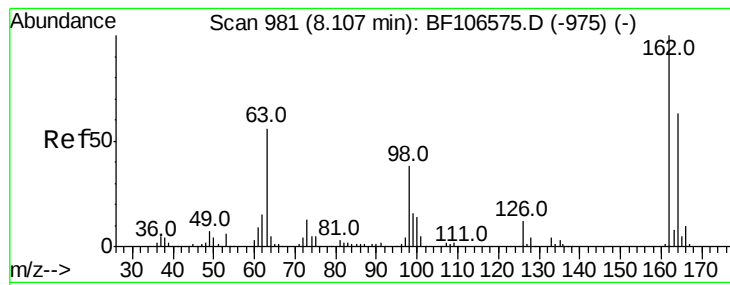
Acq: 2 Jul 2018 9:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 243510 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.3  | 26.3  | 39.5   |
| 123       | 11.0  | 9.8   | 14.6   |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 123.00 (122.70 to 123.70): E





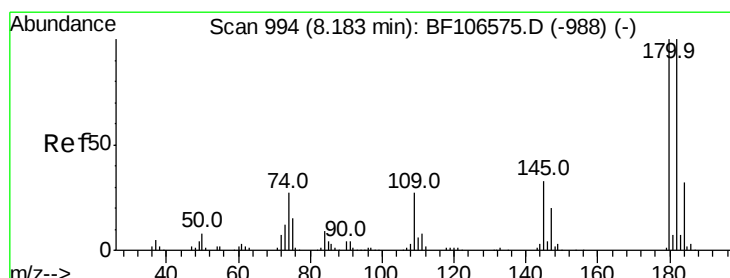
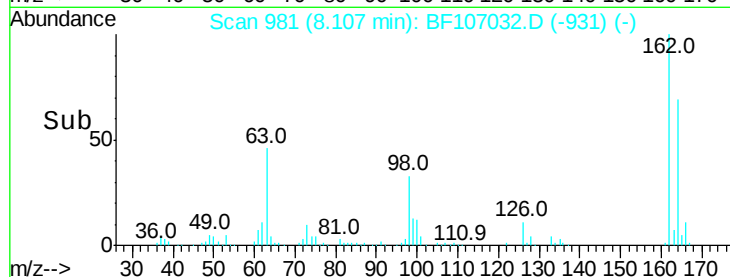
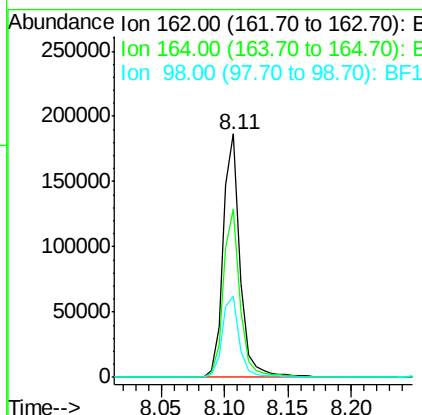
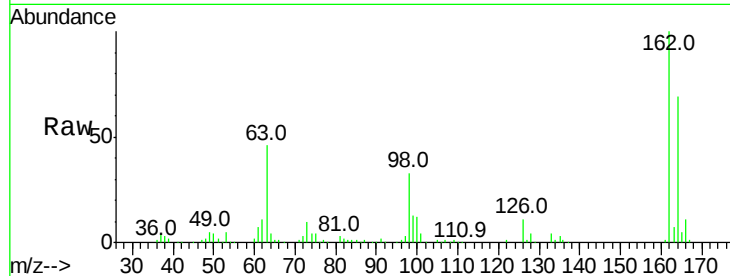
#29  
 2,4-Dichlorophenol  
 Concen: 42.785 ng  
 RT: 8.11 min Scan# 981  
 Delta R.T. -0.01 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 173798 |       |       |
| 164     | 69.2  | 42.7   | 82.7  |       |
| 98      | 33.2  | 18.1   | 58.1  |       |

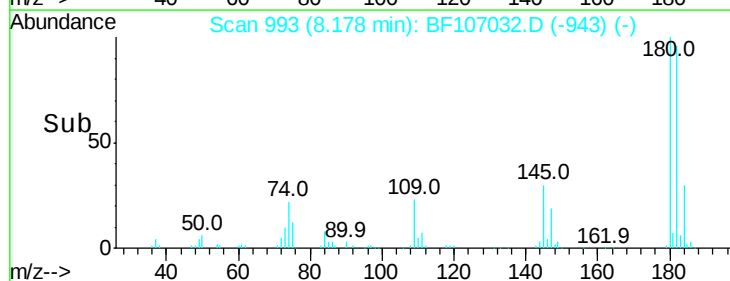
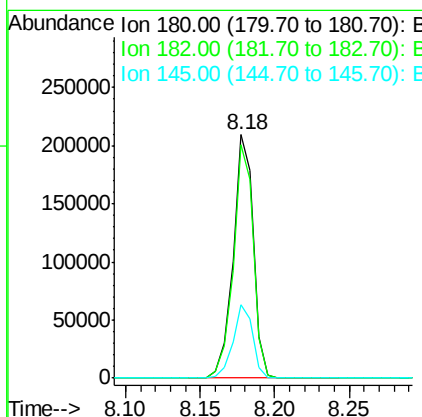
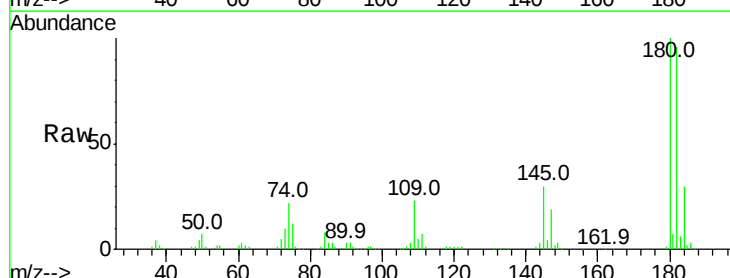
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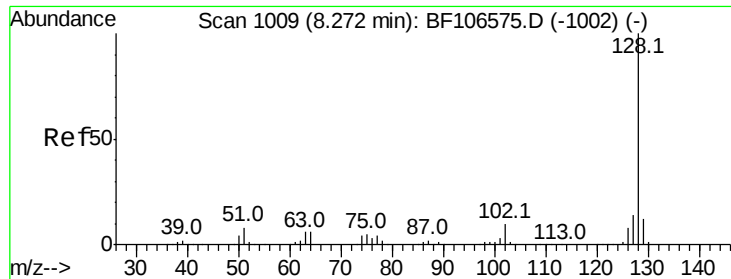
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 44.676 ng  
 RT: 8.18 min Scan# 993  
 Delta R.T. -0.01 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 199920 |       |       |
| 182     | 95.8  | 76.8   | 115.2 |       |
| 145     | 30.3  | 26.5   | 39.7  |       |





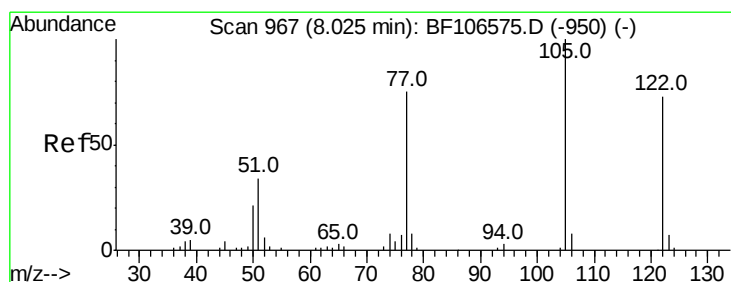
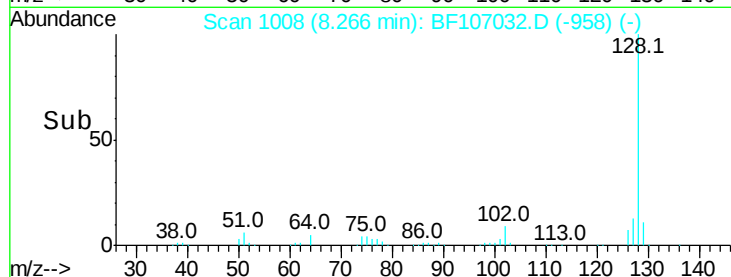
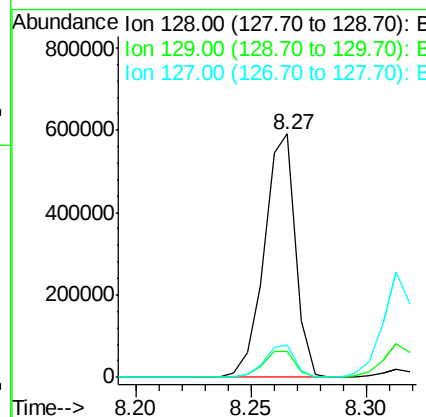
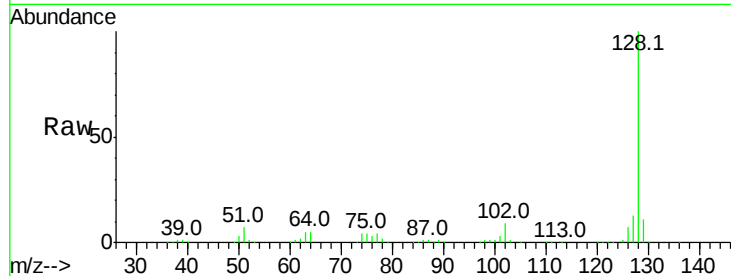
#31  
Naphthalene  
Concen: 41.144 ng  
RT: 8.27 min Scan# 1008  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 128     | 100   |            |       |
| 129     | 10.7  | 8.8        | 13.2  |
| 127     | 13.4  | 10.9       | 16.3  |

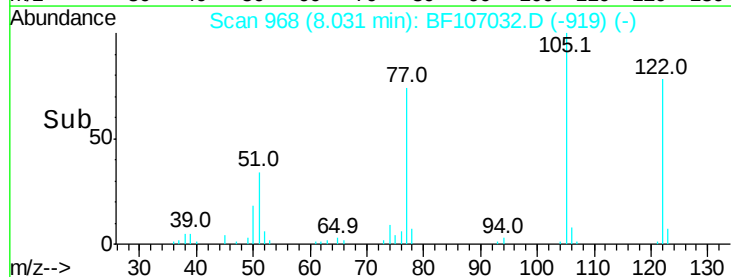
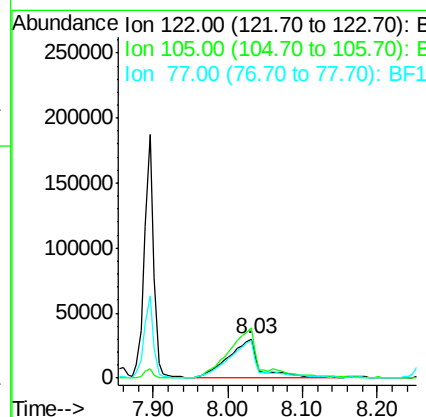
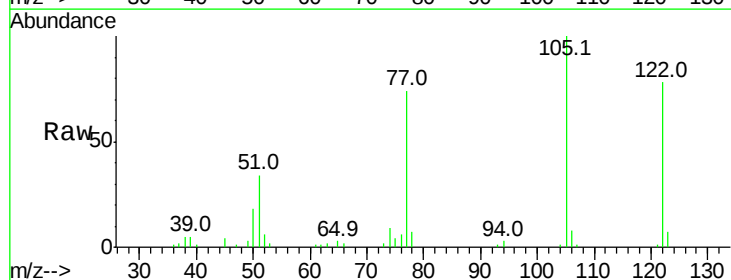
Manual Integrations  
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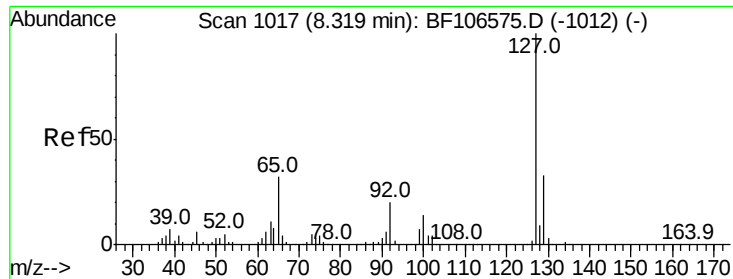
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#32  
Benzoic acid  
Concen: 33.464 ng m  
RT: 8.03 min Scan# 968  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 122     | 100   |            |       |
| 105     | 127.8 | 101.1      | 141.1 |
| 77      | 94.7  | 70.7       | 110.7 |





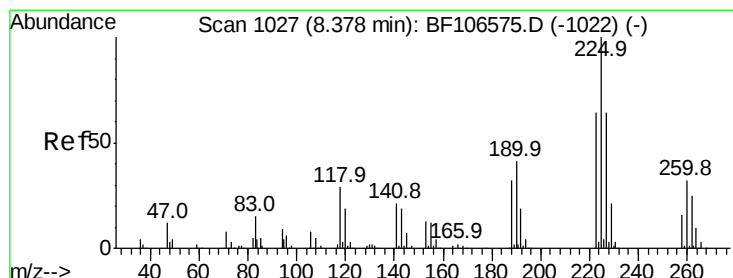
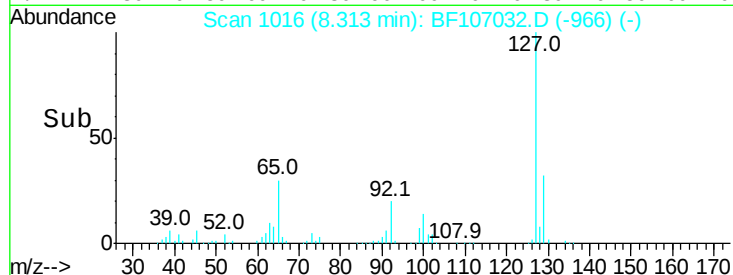
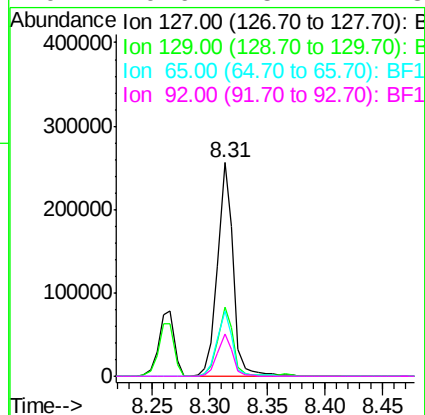
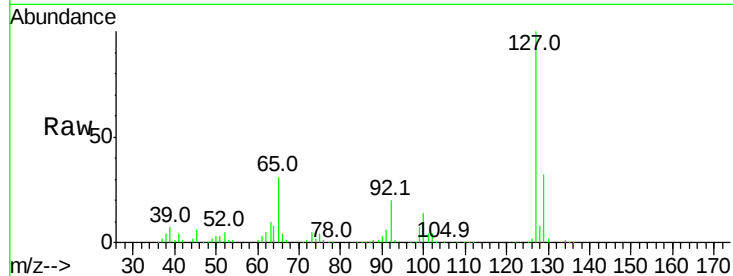
#33  
4-Chloroaniline  
Concen: 42.453 ng  
RT: 8.31 min Scan# 1016  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.5 | 25.9  | 38.9 |       |       |
| 65      | 30.9 | 25.0  | 37.4 |       |       |
| 92      | 19.6 | 15.2  | 22.8 |       |       |

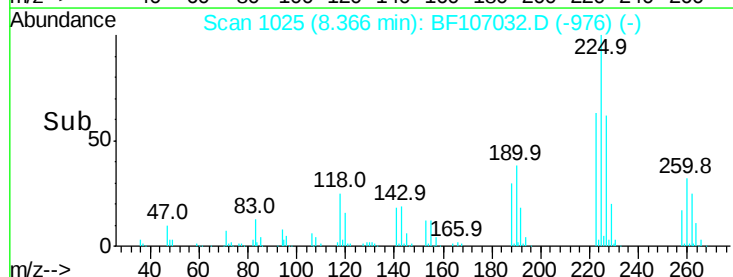
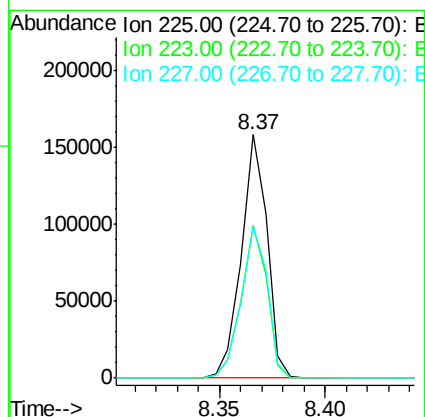
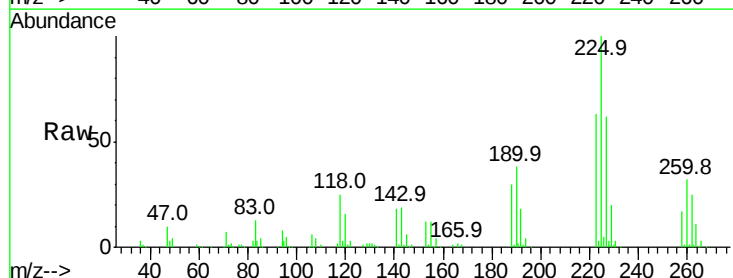
Manual Integrations  
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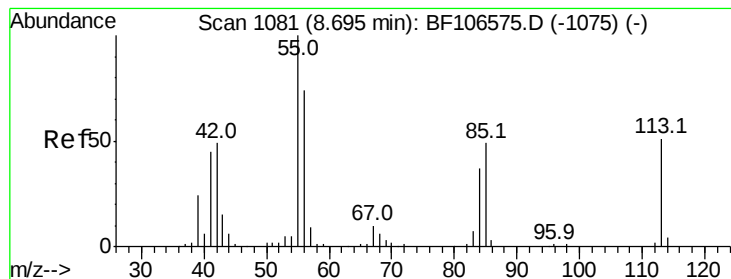
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#34  
Hexachlorobutadiene  
Concen: 45.563 ng  
RT: 8.37 min Scan# 1025  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.0 | 50.6  | 76.0 |       |       |
| 227     | 62.4 | 51.9  | 77.9 |       |       |





#35

Caprolactam

Concen: 41.516 ng/mL

RT: 8.70 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

Instrument :

BNA\_F

ClientSampled :

SSTDCCC040

Tot Ion:113 Resp: 54973

Ion Ratio Lower Upper

113 100

55 164.0 163.3 203.3

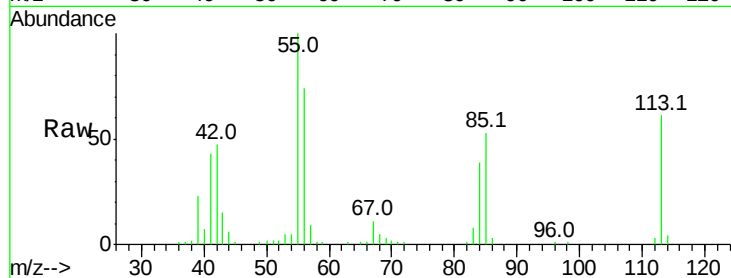
56 121.7 115.7 155.7

Manual Integrations

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Sohil

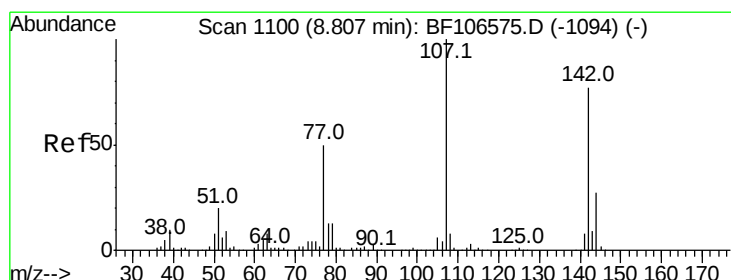
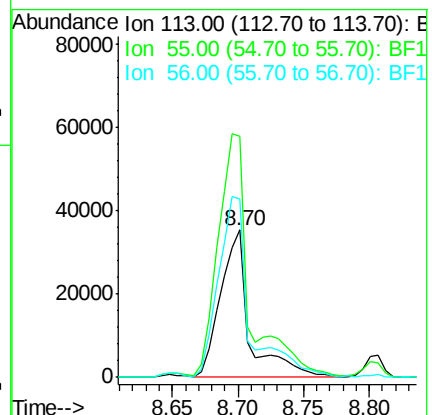
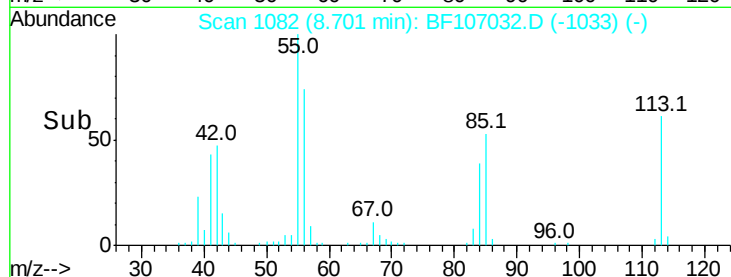
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.723 ng/mL

RT: 8.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

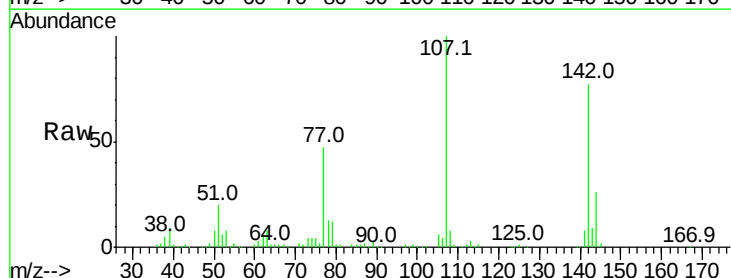
Tgt Ion:107 Resp: 178394

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

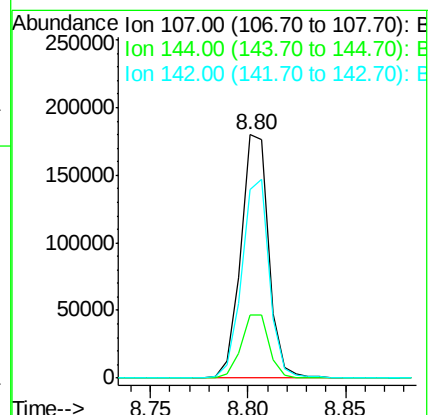
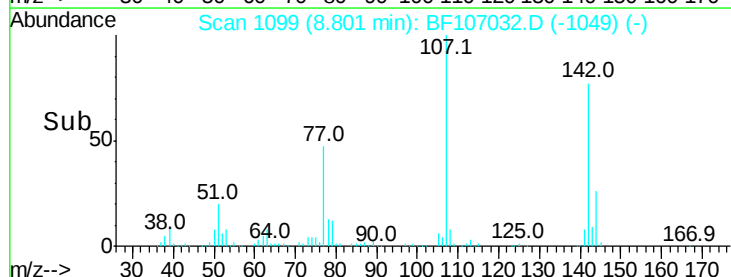
142 77.2 62.0 93.0

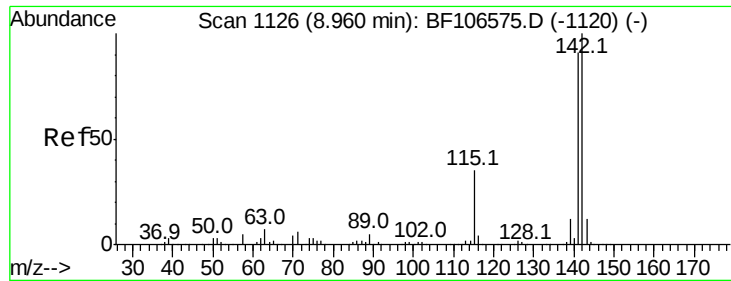


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





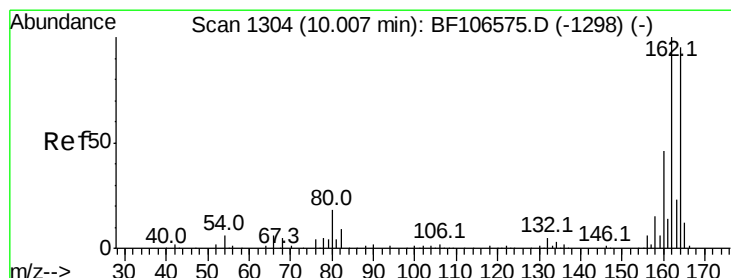
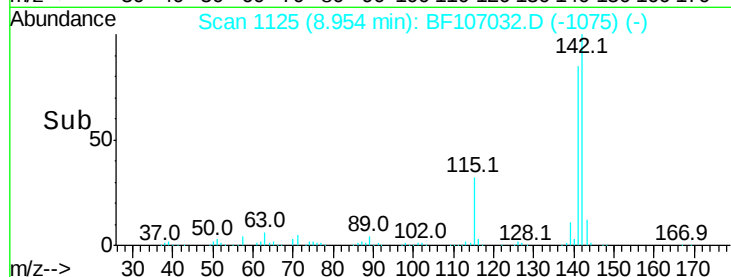
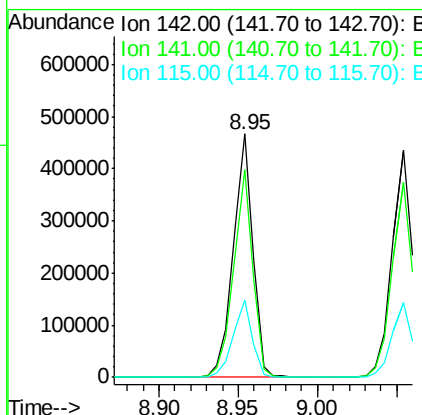
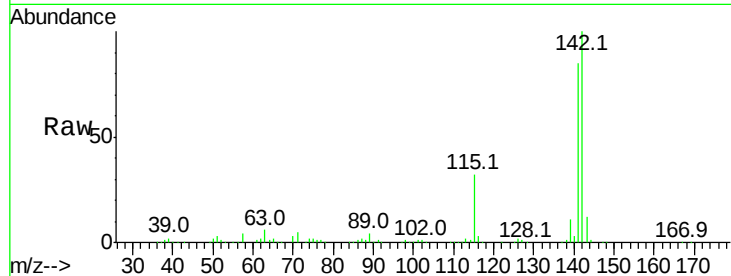
#37  
2-Methylnaphthalene  
Concen: 44.790 ng  
RT: 8.95 min Scan# 1125  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 85.3  | 70.8  | 106.2 |
| 115     | 31.8  | 26.1  | 39.1  |

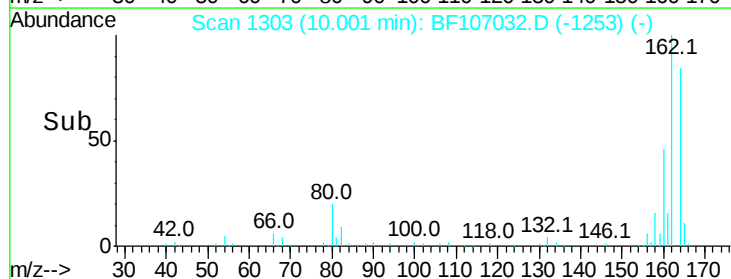
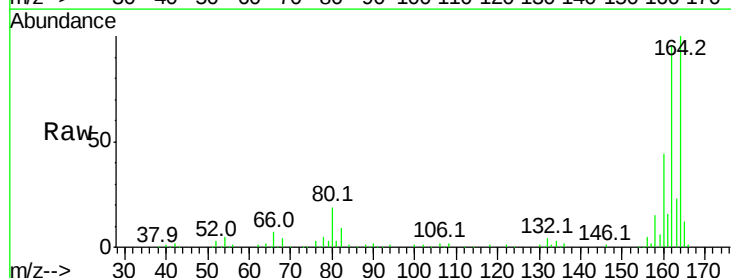
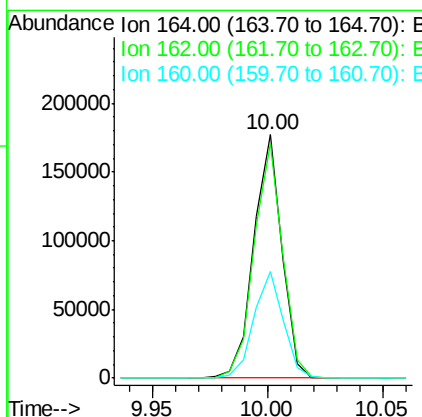
Manual Integrations  
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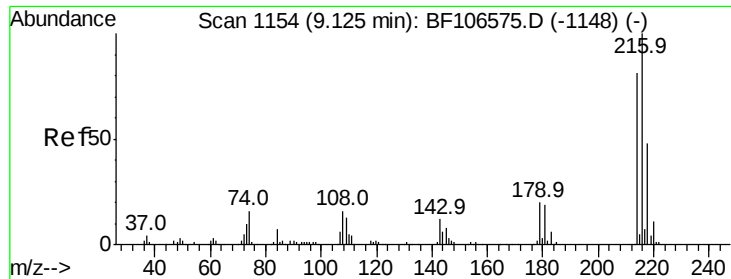
Sohil  
7/3/2018 5:29:35 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.00 min Scan# 1303  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 96.3  | 86.1  | 129.1 |
| 160     | 43.8  | 38.3  | 57.5  |





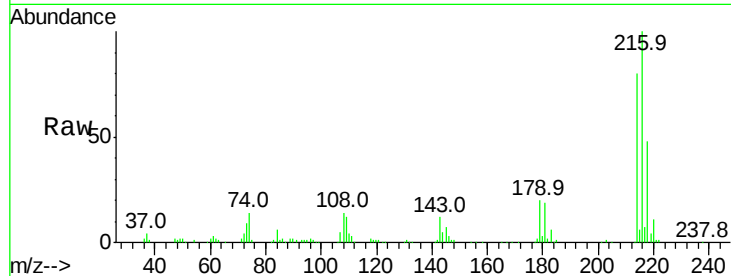
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.723 ng  
RT: 9.12 min Scan# 1153  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 216     | 100   |            |            |
| 214     | 79.7  | 63.0       | 94.4       |
| 179     | 19.5  | 18.1       | 27.1       |
| 108     | 15.1  | 17.2       | 25.8       |

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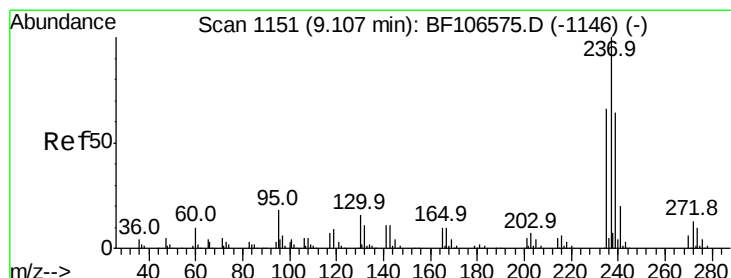
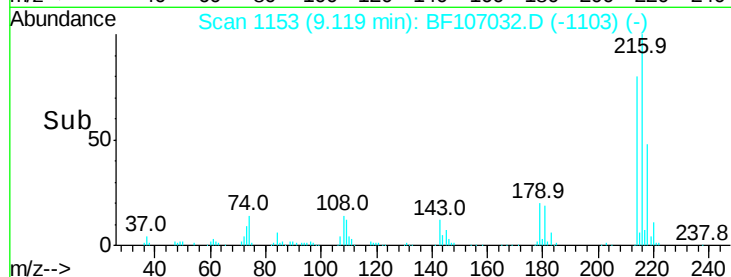
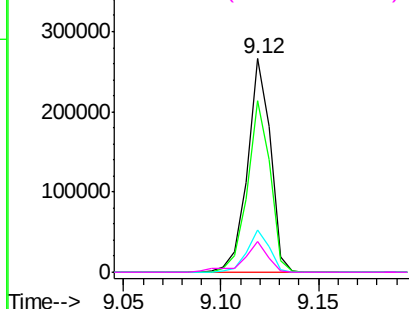
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

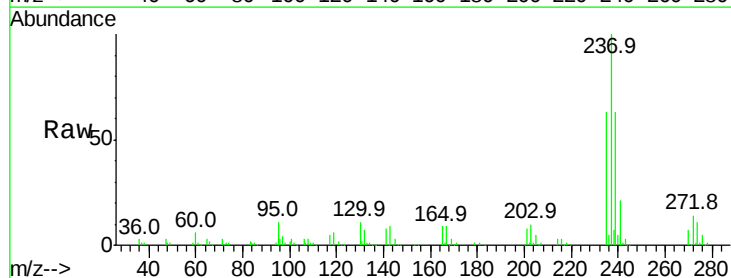
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40  
Hexachlorocyclopentadiene  
Concen: 54.621 ng  
RT: 9.10 min Scan# 1150  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 63.0  | 44.8       | 84.8       |
| 272     | 13.6  | 0.0        | 33.3       |

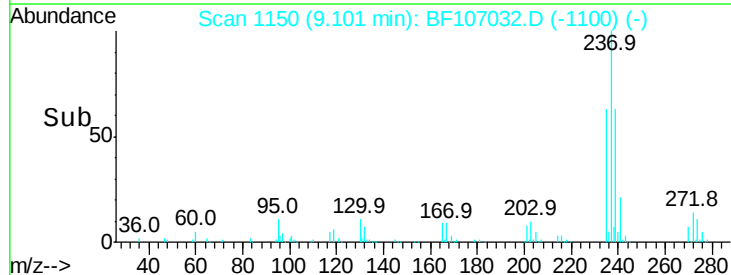
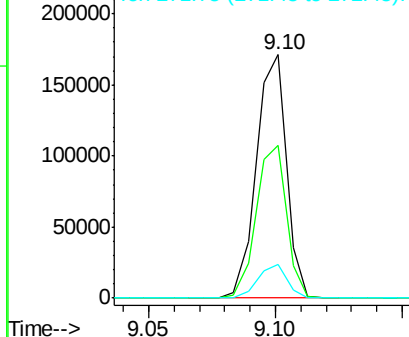


Abundance

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





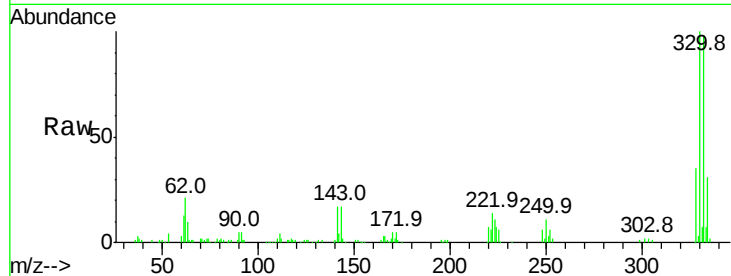
#41  
 2,4,6-Tribromophenol  
 Concen: 89.218 ng  
 RT: 10.80 min Scan# 1439  
 Delta R.T. 0.00 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 96.7  | 77.0 | 115.6 |       |
| 141     | 22.6  | 29.9 | 44.9  |       |

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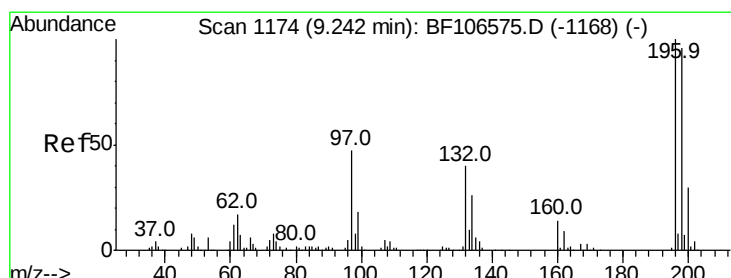
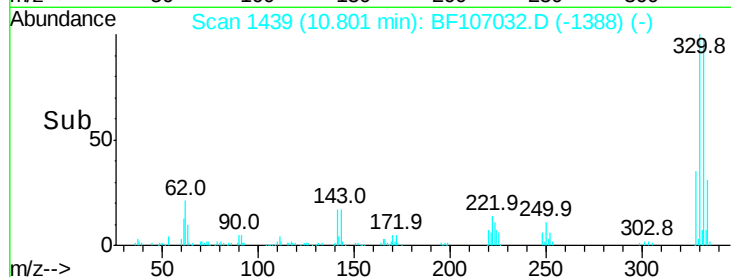
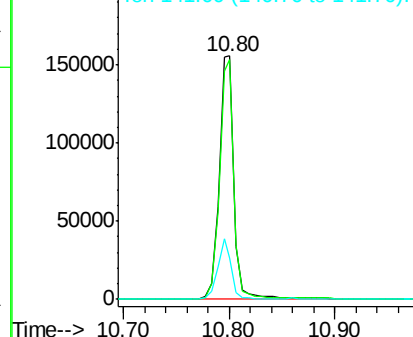


Abundance

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: 36.866 ng  
 RT: 9.24 min Scan# 1173  
 Delta R.T. -0.01 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

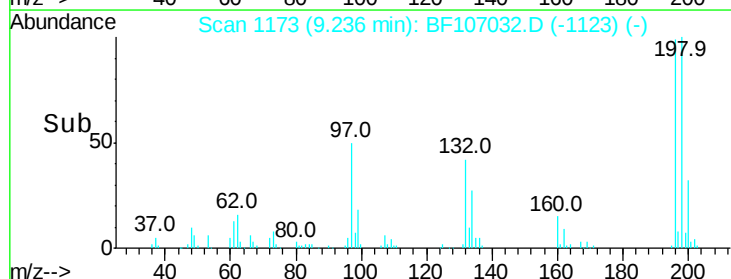
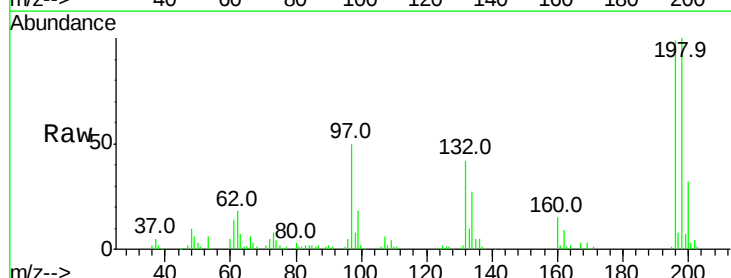
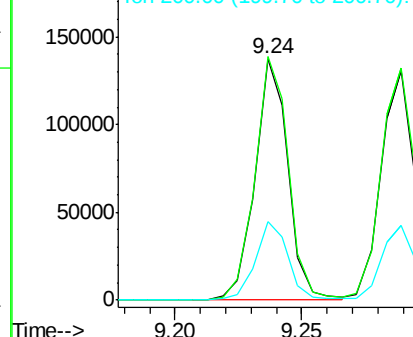
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 101.0 | 75.7 | 113.5 |       |
| 200     | 32.8  | 24.5 | 36.7  |       |

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





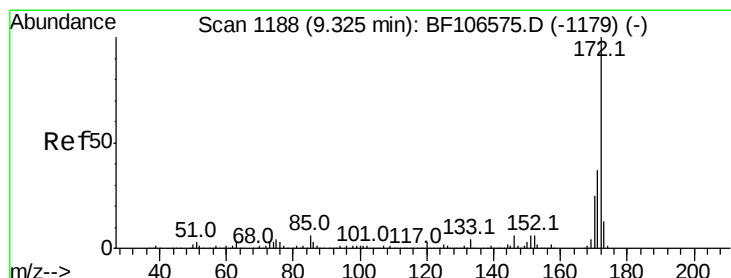
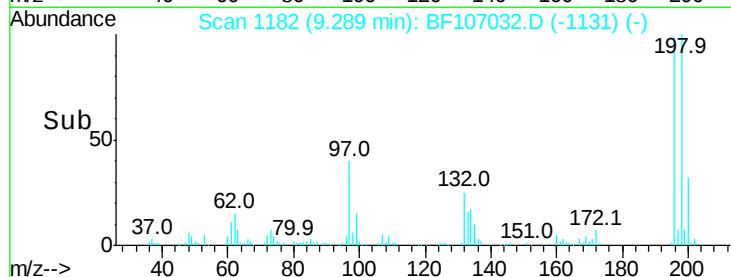
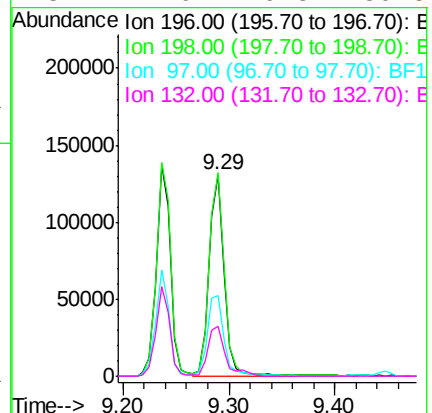
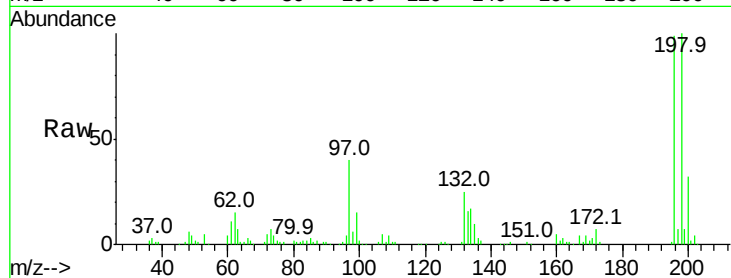
#43  
 2,4,5-Trichlorophenol  
 Concen: 36.784 ng  
 RT: 9.29 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 129344 |       |       |
| 198     | 101.3 | 74.6   | 112.0 |       |
| 97      | 40.1  | 42.9   | 64.3  | #     |
| 132     | 24.9  | 26.3   | 39.5  | #     |

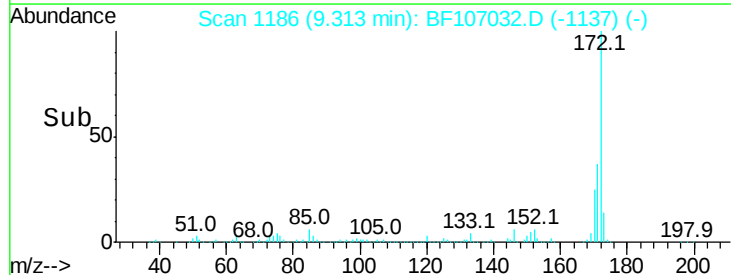
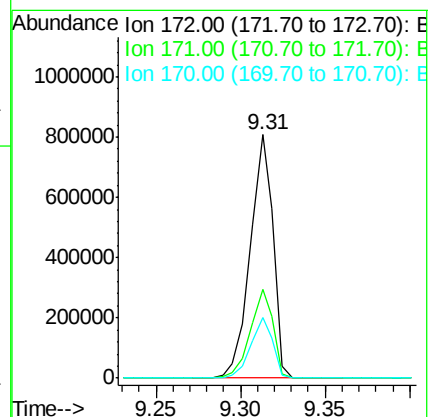
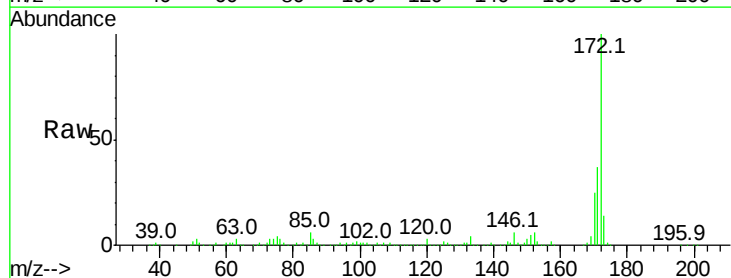
Manual Integrations  
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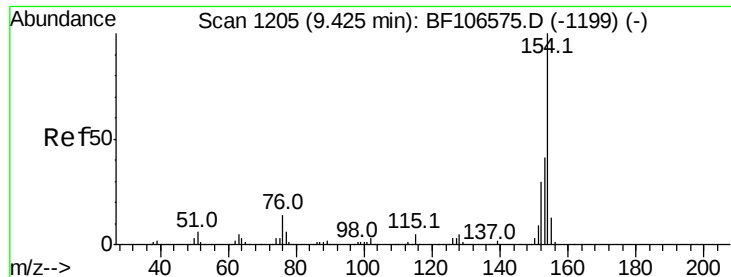
Sohil  
 7/3/2018 5:29:35 PM



#44  
 2-Fluorobiphenyl  
 Concen: 86.224 ng  
 RT: 9.31 min Scan# 1186  
 Delta R.T. -0.01 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 764954 |       |       |
| 171     | 36.6  | 29.7   | 44.5  |       |
| 170     | 24.8  | 19.6   | 29.4  |       |





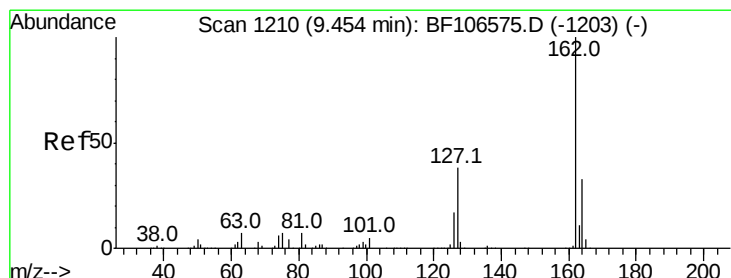
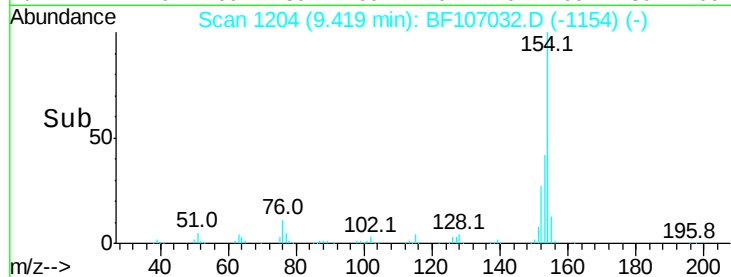
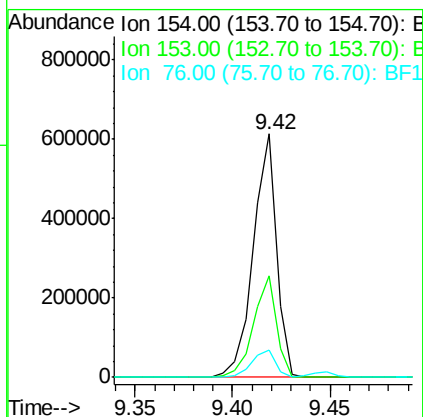
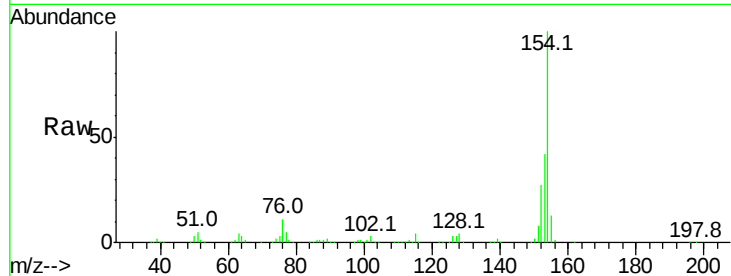
#45  
 1,1'-Biphenyl  
 Concen: 42.221 ng  
 RT: 9.42 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.7  | 21.3  | 61.3  |
| 76      | 11.1  | 0.0   | 34.0  |

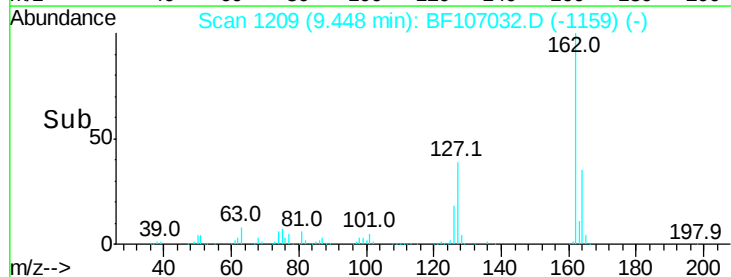
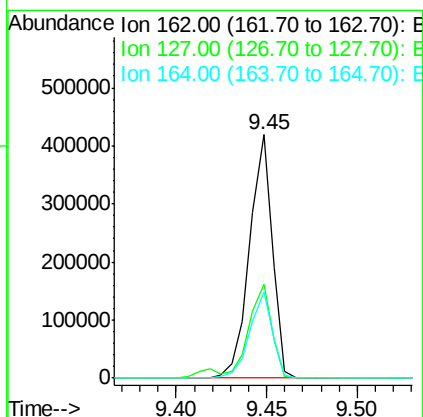
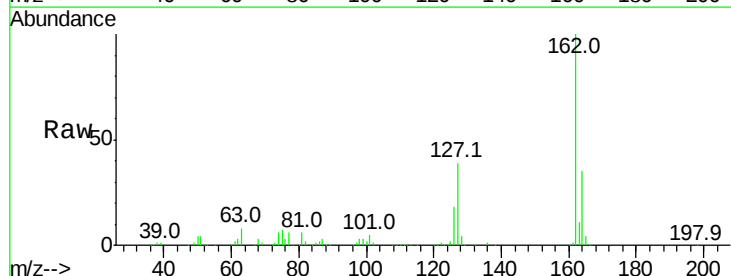
Manual Integrations  
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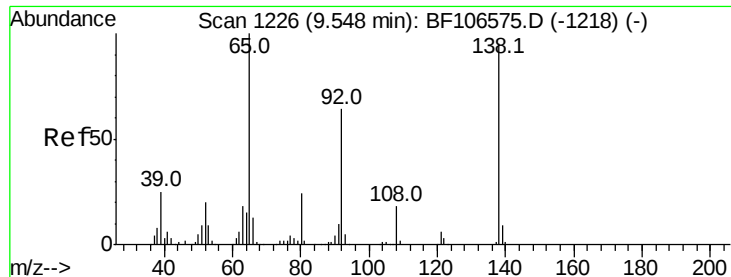
Sohil  
 7/3/2018 5:29:35 PM



#46  
 2-Chloronaphthalene  
 Concen: 38.770 ng  
 RT: 9.45 min Scan# 1209  
 Delta R.T. -0.01 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.8  | 33.9  | 50.9  |
| 164     | 35.3  | 26.5  | 39.7  |





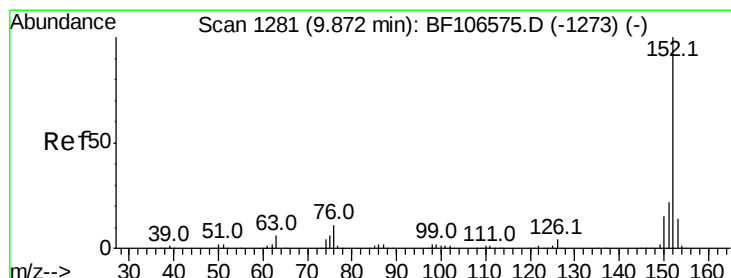
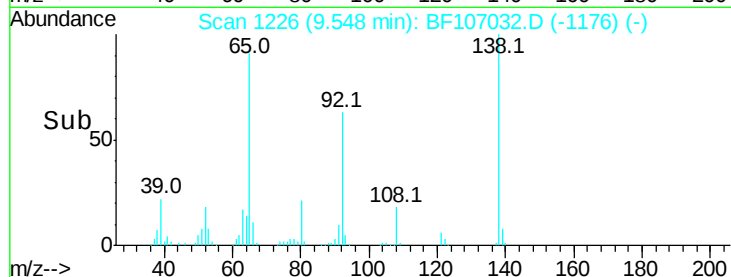
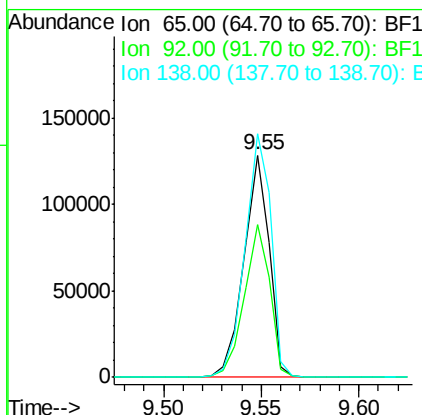
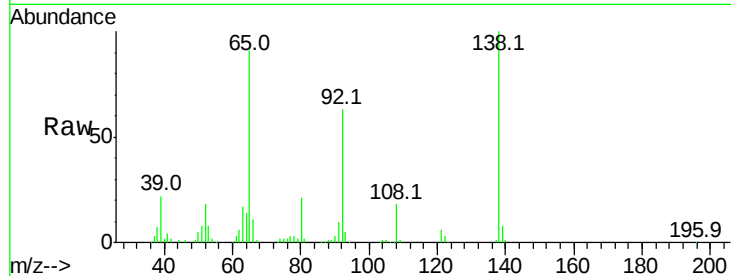
#47  
2-Nitroaniline  
Concen: 36.408 ng  
RT: 9.55 min Scan# 1226  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.9  | 55.8  | 83.6  |
| 138     | 109.6 | 91.2  | 136.8 |

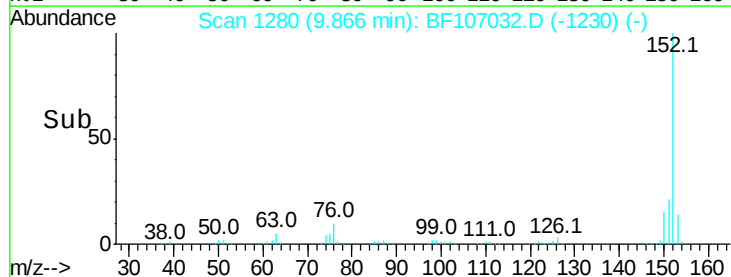
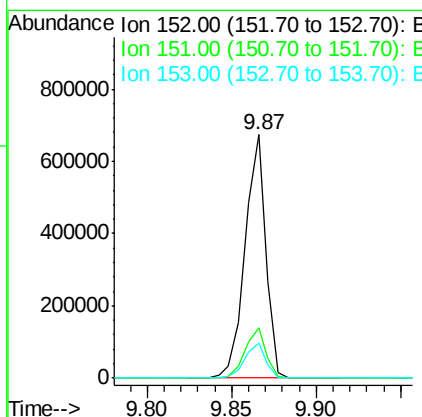
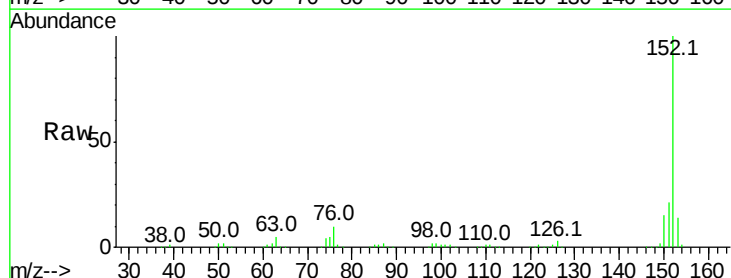
Manual Integrations  
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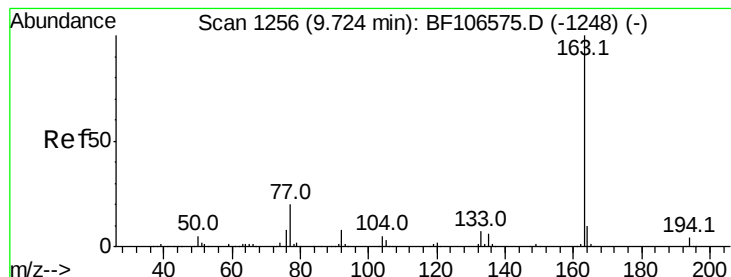
Sohil  
7/3/2018 5:29:35 PM



#48  
Acenaphthylene  
Concen: 38.901 ng  
RT: 9.87 min Scan# 1280  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.9  | 16.3  | 24.5  |
| 153     | 14.2  | 10.7  | 16.1  |





#49

Dimethylphthalate

Concen: 38.926 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

Instrument :

BNA\_F

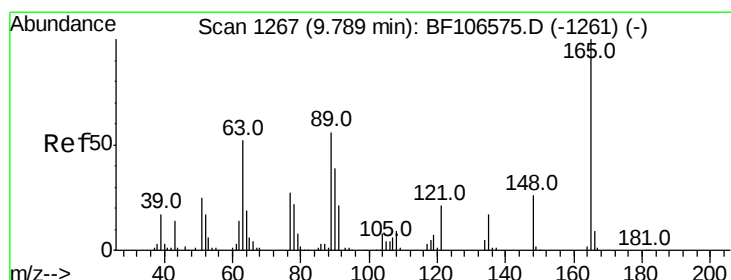
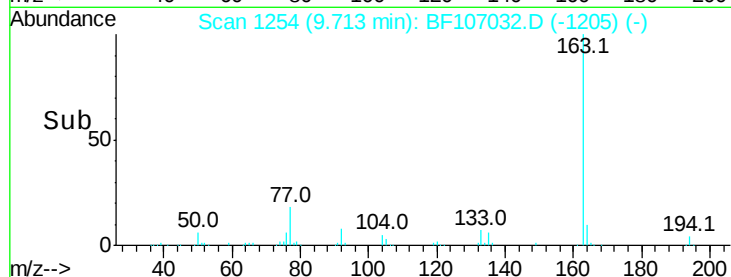
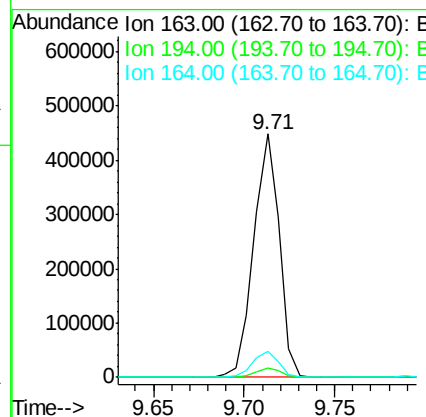
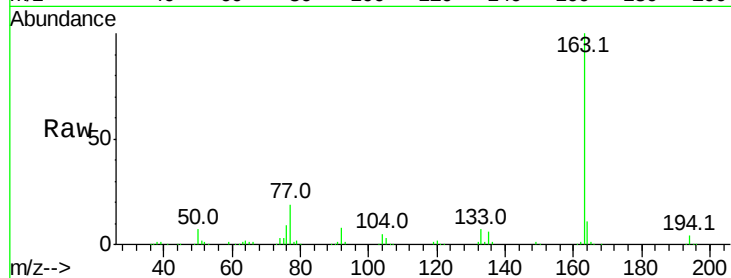
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 439489 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.0   | 2.7   | 4.1    |
| 164       | 10.9  | 8.2   | 12.2   |

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#50

2,6-Dinitrotoluene

Concen: 42.417 ng

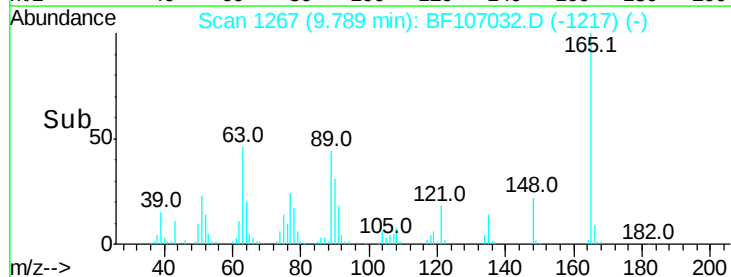
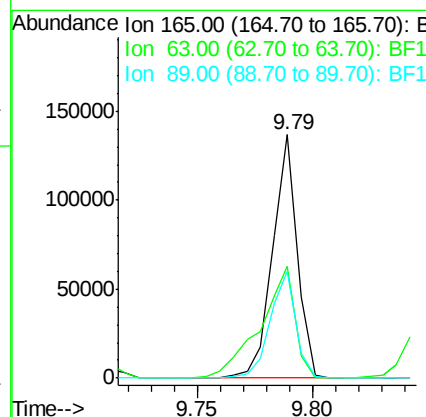
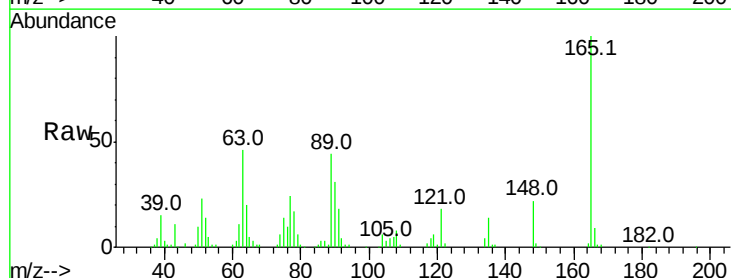
RT: 9.79 min Scan# 1267

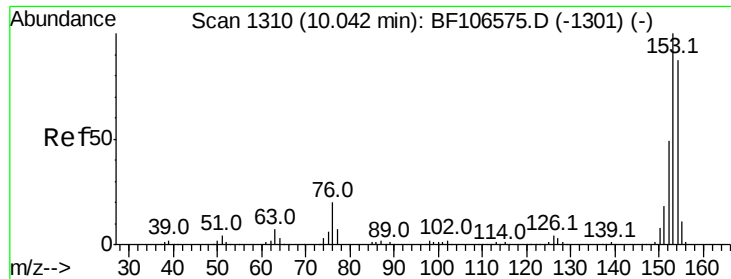
Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 101410 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 46.0  | 44.7  | 67.1   |
| 89        | 43.6  | 44.0  | 66.0#  |





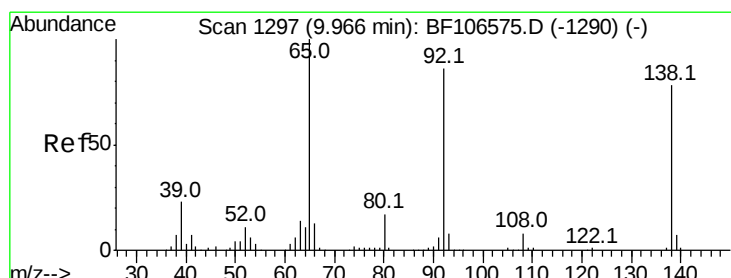
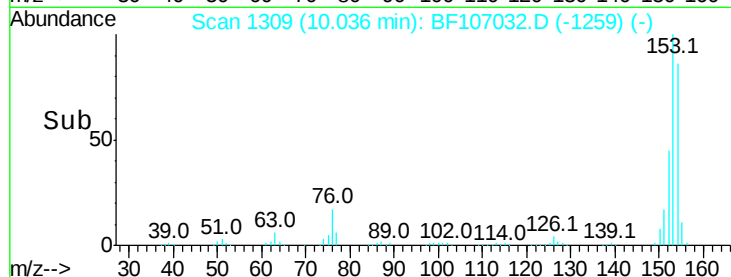
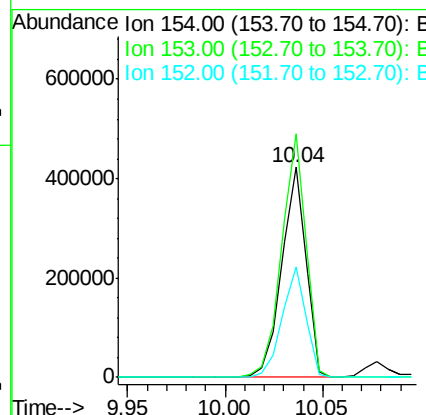
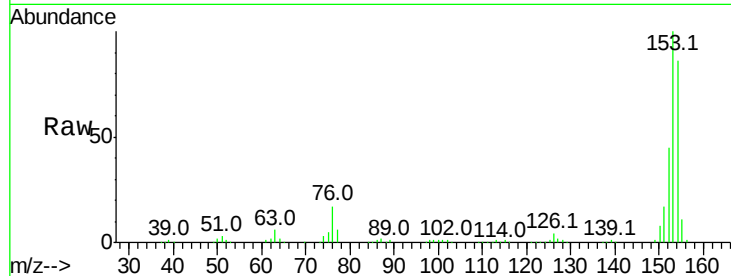
#51  
Acenaphthene  
Concen: 38.935 ng  
RT: 10.04 min Scan# 1309  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 116.0 | 91.2  | 136.8 |
| 152     | 52.5  | 43.8  | 65.8  |

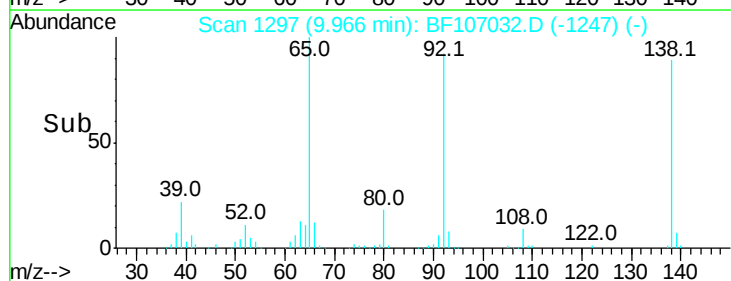
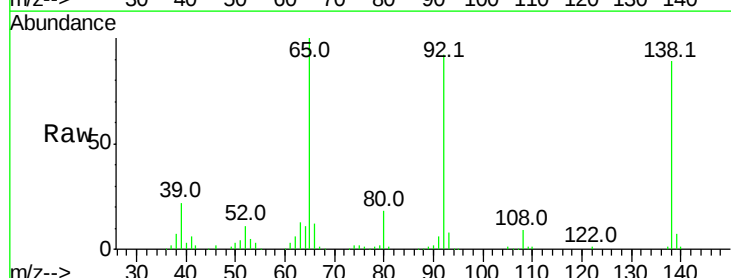
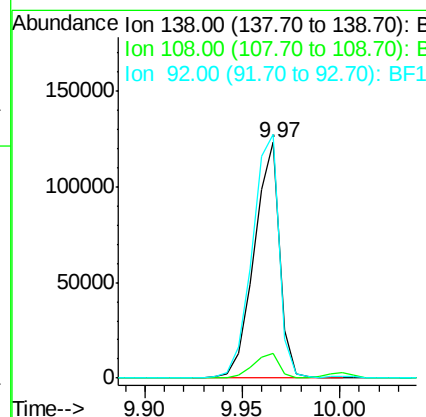
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#52  
3-Nitroaniline  
Concen: 40.331 ng  
RT: 9.97 min Scan# 1297  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.3  | 9.4   | 14.0  |
| 92      | 103.3 | 89.4  | 134.2 |





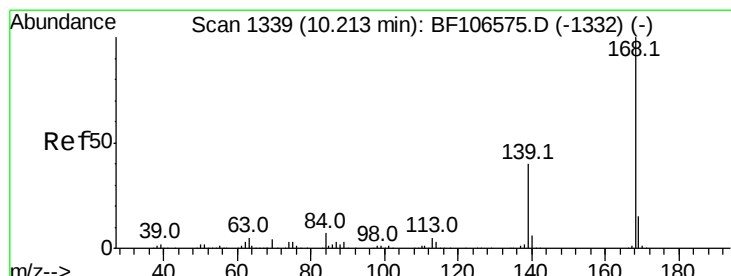
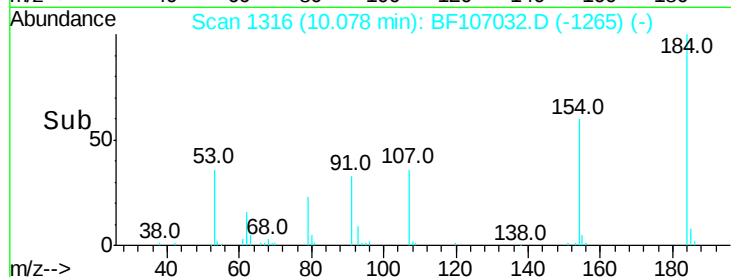
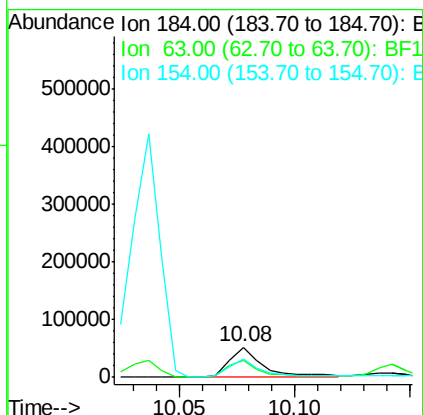
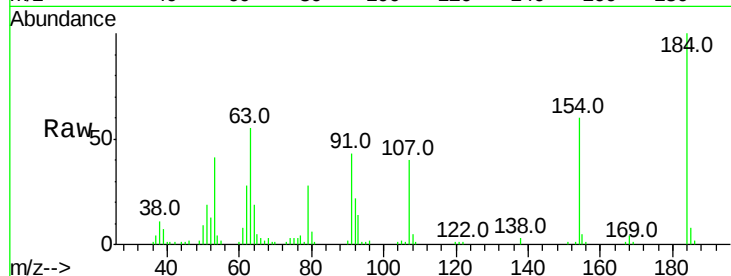
#53  
 2,4-Dinitrophenol  
 Concen: 46.477 ng  
 RT: 10.08 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 54.9  | 54.2  | 81.2   |
| 154     | 60.2  | 184.0 | 276.0# |

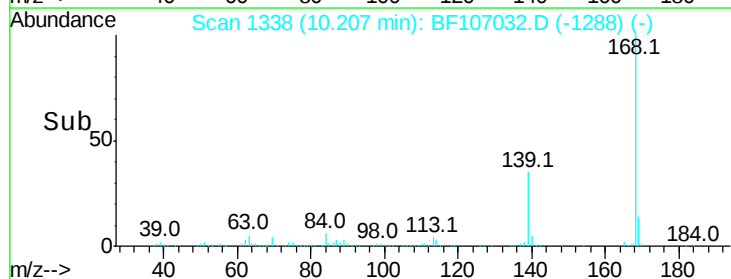
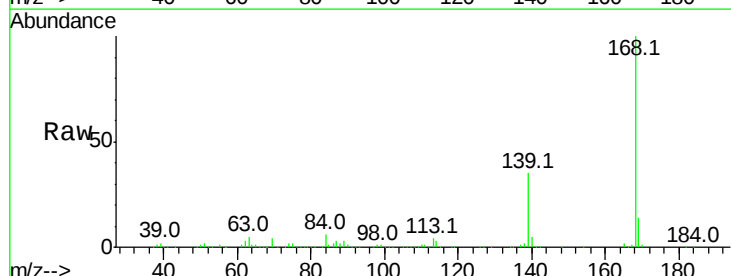
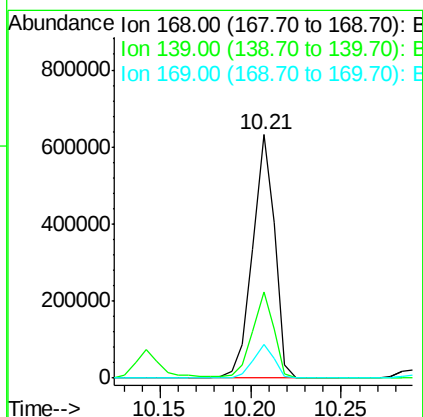
Manual Integrations  
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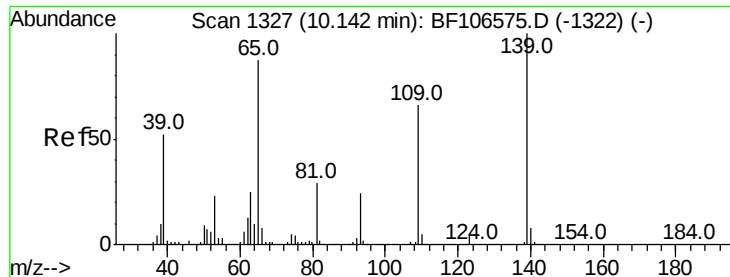
Sohil  
 7/3/2018 5:29:35 PM



#54  
 Dibenzofuran  
 Concen: 41.649 ng  
 RT: 10.21 min Scan# 1338  
 Delta R.T. -0.01 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 35.5  | 30.1  | 45.1  |
| 169     | 13.8  | 10.9  | 16.3  |





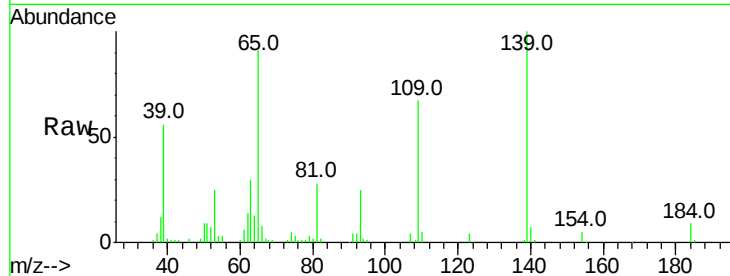
#55  
4-Nitrophenol  
Concen: 36.616 ng  
RT: 10.14 min Scan# 1327  
Delta R.T. 0.00 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 67.2  | 48.4  | 88.4  |
| 65      | 90.7  | 72.6  | 112.6 |

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7/3/2018 5:29:35 PM

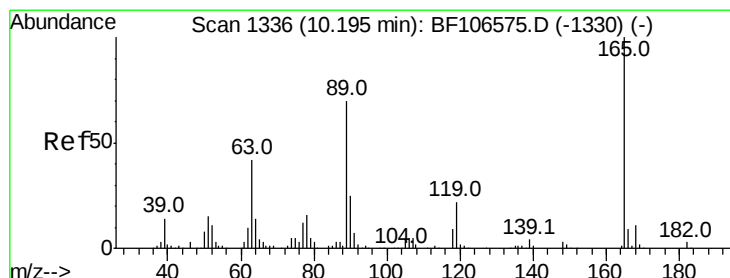
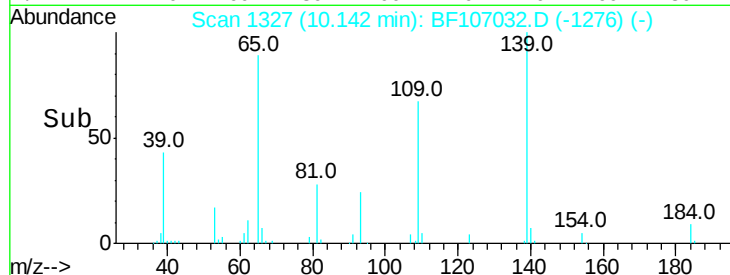
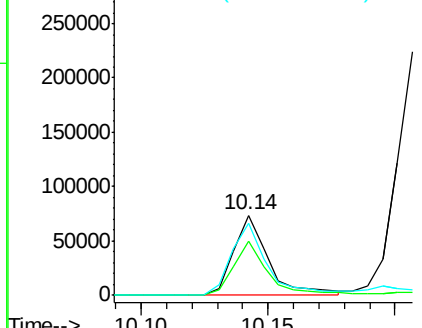


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56  
2,4-Dinitrotoluene  
Concen: 41.736 ng  
RT: 10.20 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.5  | 36.4  | 54.6  |
| 89      | 63.5  | 57.8  | 86.6  |
| 182     | 2.5   | 1.6   | 2.4#  |

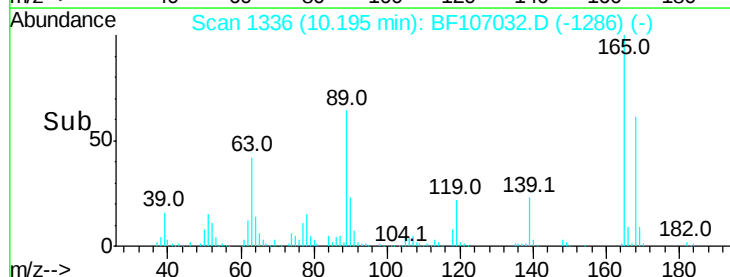
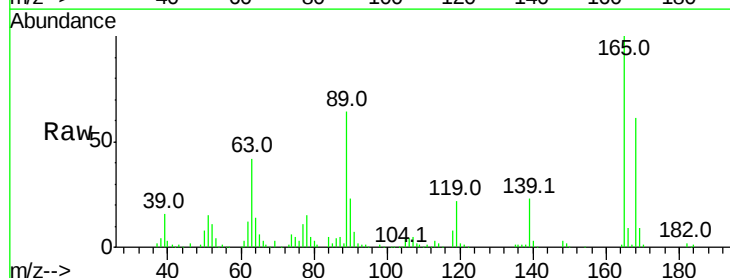
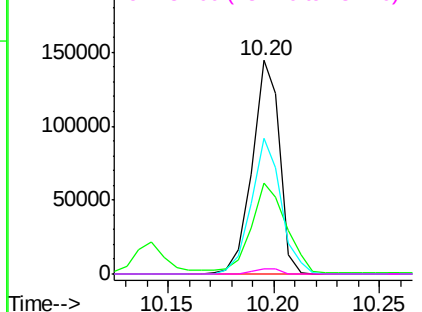
Abundance

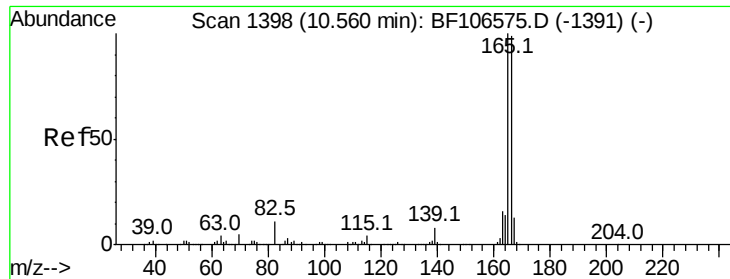
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





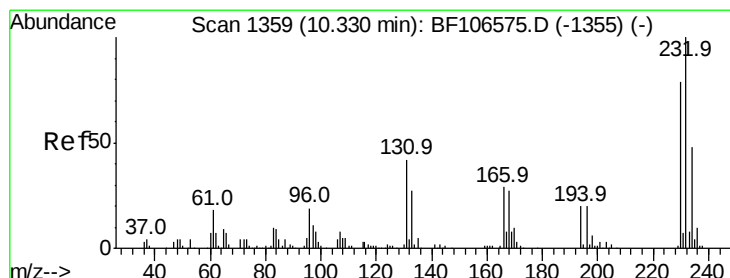
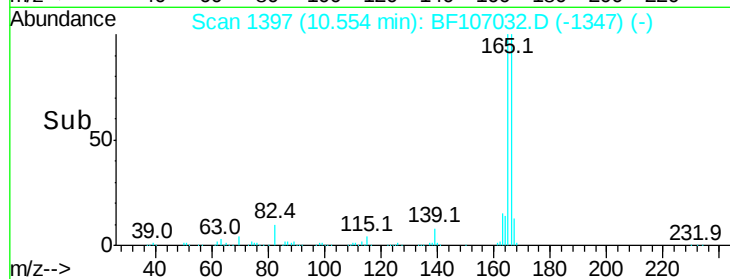
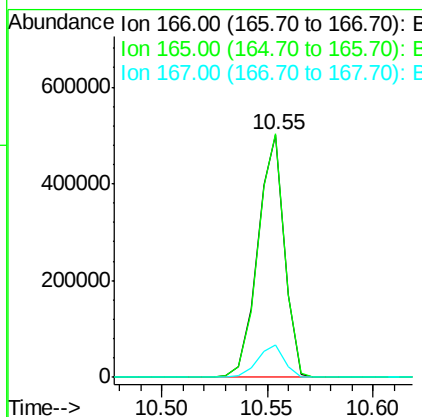
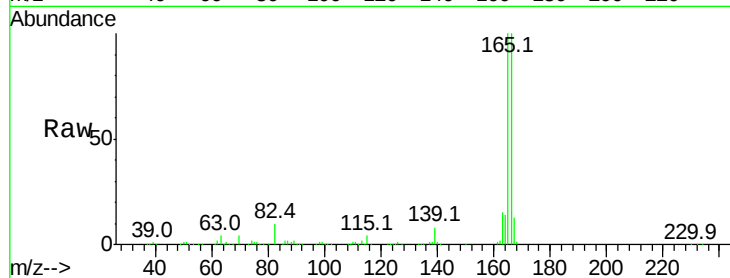
#57  
 Fluorene  
 Concen: 43.109 ng  
 RT: 10.55 min Scan# 1397  
 Delta R.T. -0.01 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.3 | 79.8  | 119.8 |
| 167     | 13.5  | 10.6  | 16.0  |

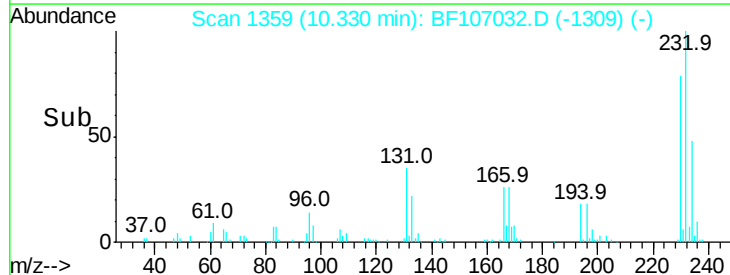
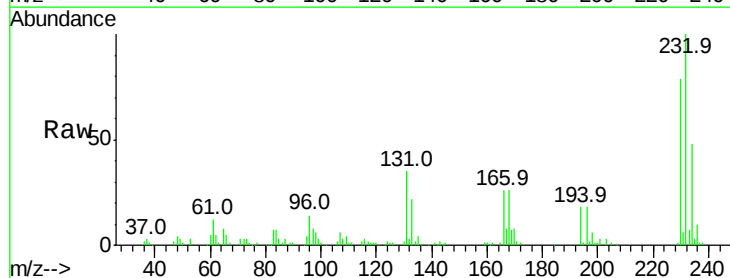
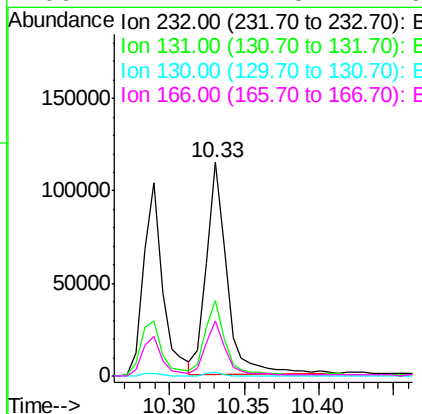
Manual Integrations  
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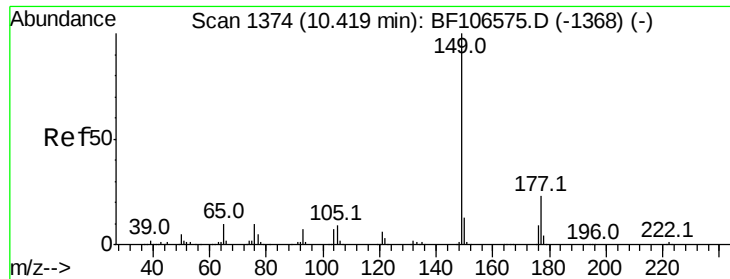
Sohil  
 7/3/2018 5:29:35 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.351 ng  
 RT: 10.33 min Scan# 1359  
 Delta R.T. -0.01 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 33.4  | 43.8  | 65.8# |
| 130     | 1.3   | 2.1   | 3.1#  |
| 166     | 24.4  | 27.8  | 41.6# |





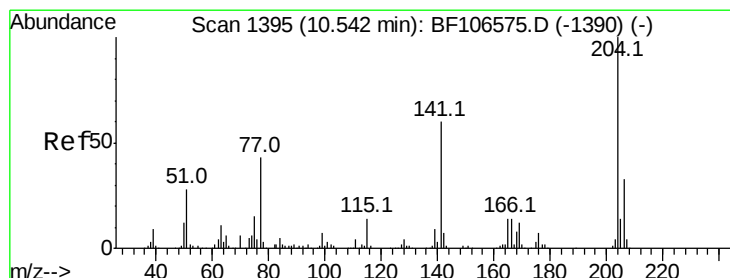
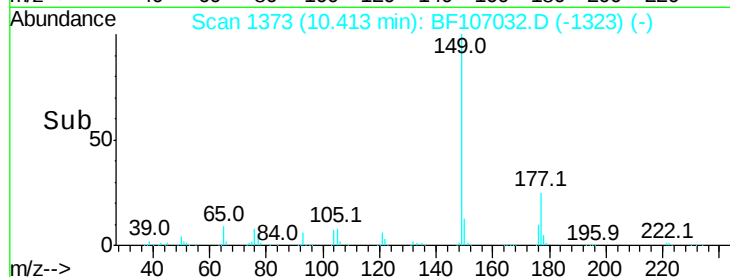
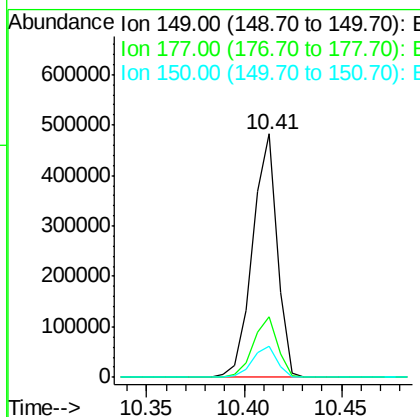
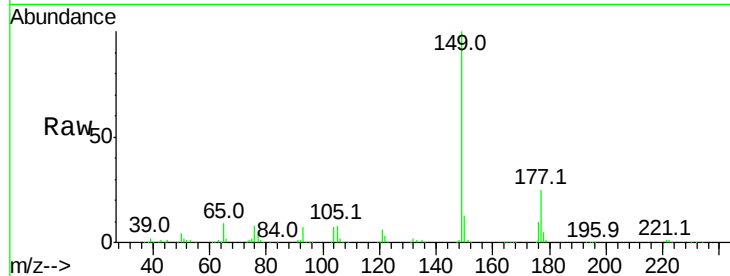
#59  
Diethylphthalate  
Concen: 38.565 ng  
RT: 10.41 min Scan# 1373  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 25.1  | 16.1  | 24.1# |
| 150     | 12.6  | 10.1  | 15.1  |

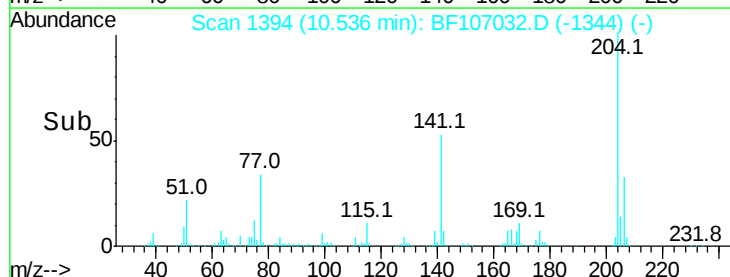
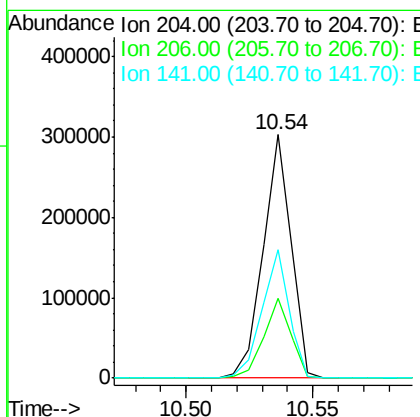
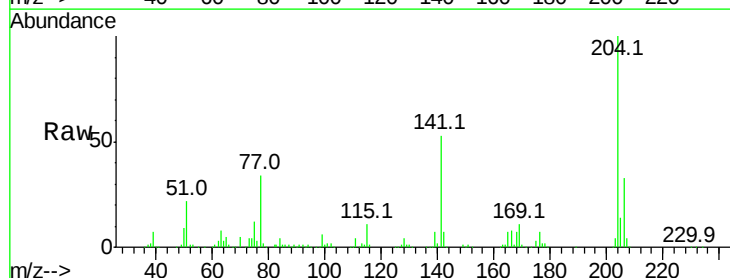
Manual Integrations  
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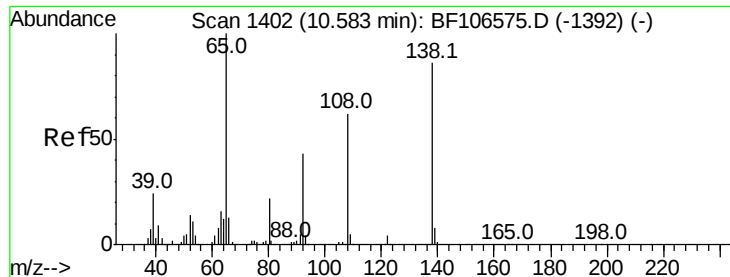
Sohil  
7/3/2018 5:29:35 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 43.909 ng  
RT: 10.54 min Scan# 1394  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.6  | 26.5  | 39.7  |
| 141     | 53.0  | 54.6  | 81.8# |





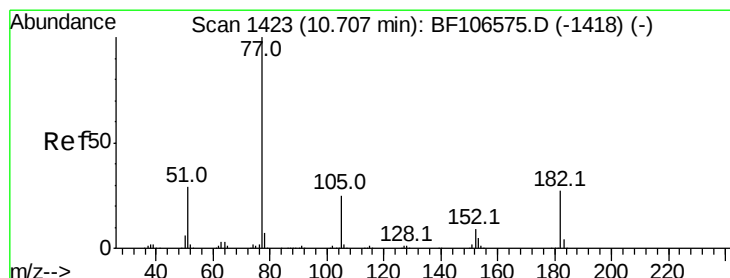
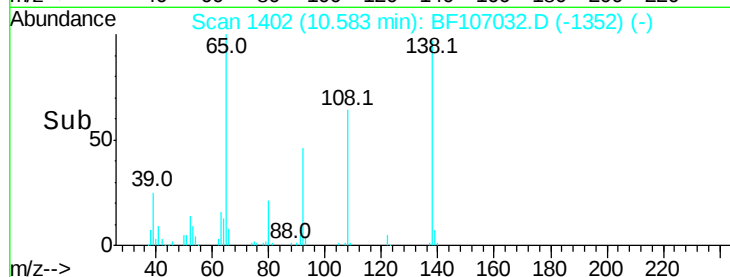
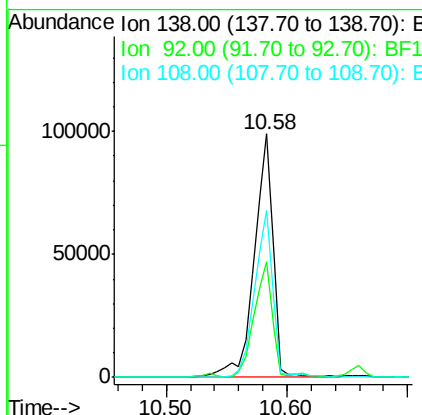
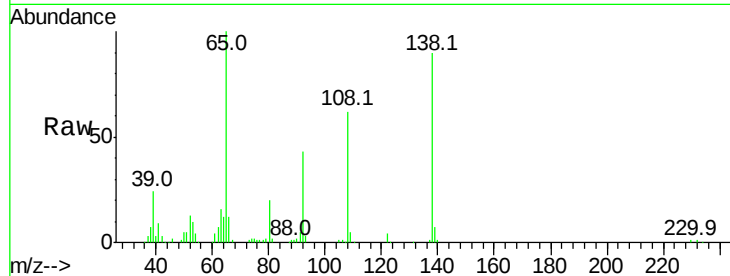
#61  
4-Nitroaniline  
Concen: 39.726 ng  
RT: 10.58 min Scan# 1402  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 47.4  | 30.2  | 70.2  |
| 108     | 68.7  | 52.5  | 92.5  |

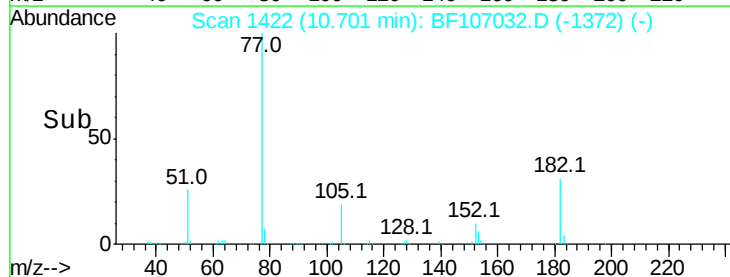
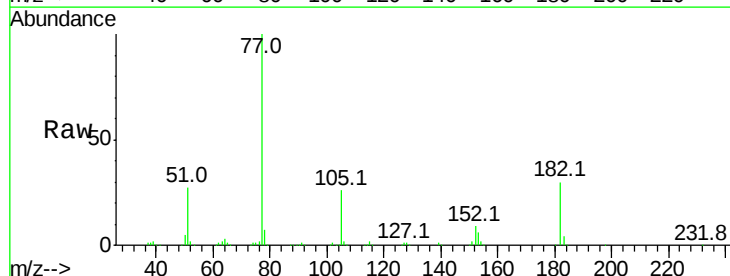
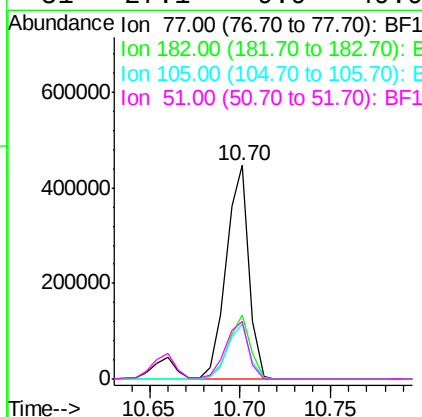
Manual Integrations  
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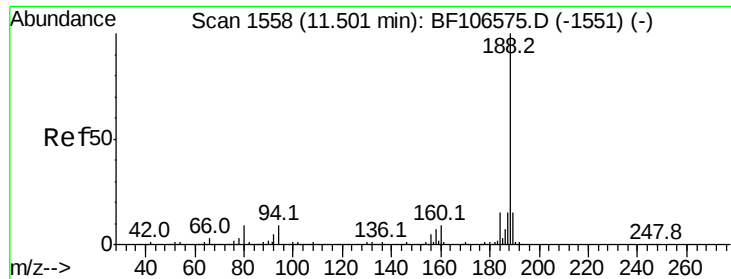
Sohil  
7/3/2018 5:29:35 PM



#62  
Azobenzene  
Concen: 36.185 ng  
RT: 10.70 min Scan# 1422  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 30.1  | 1.7   | 41.7  |
| 105     | 25.8  | 3.0   | 43.0  |
| 51      | 27.1  | 9.9   | 49.9  |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 307970

Ion Ratio Lower Upper

188 100

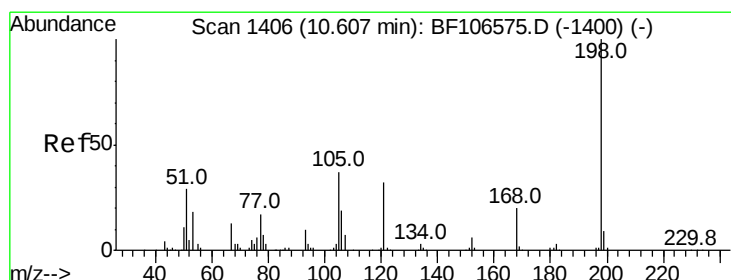
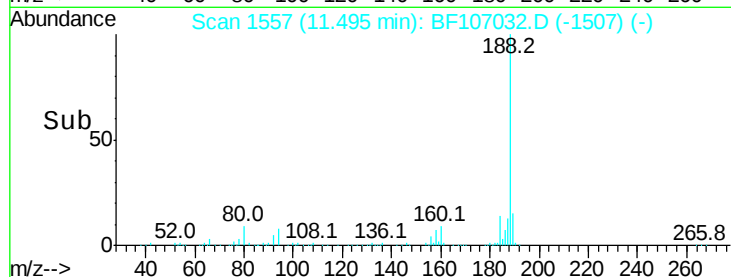
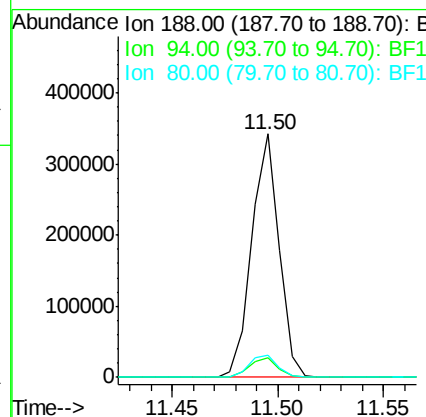
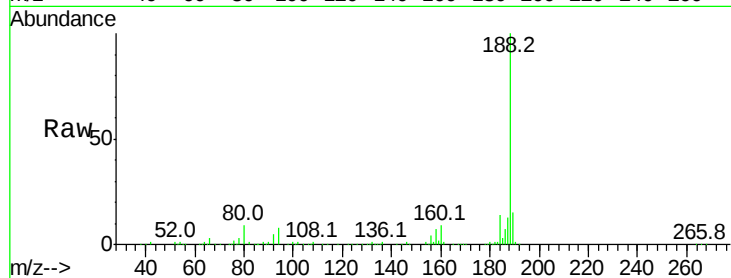
94 8.2 8.5 12.7#

80 9.1 9.2 13.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 40.798 ng

RT: 10.61 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

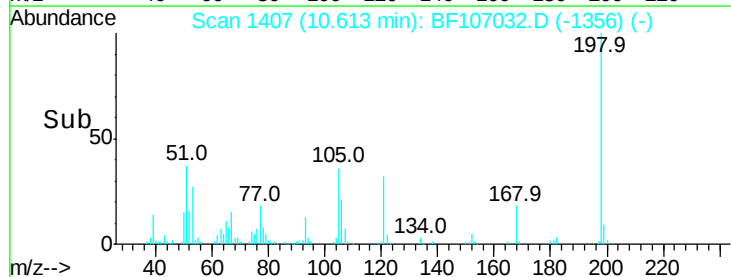
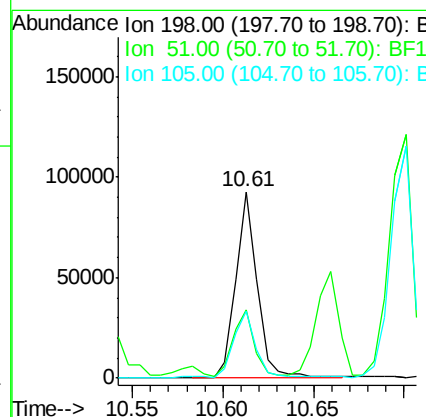
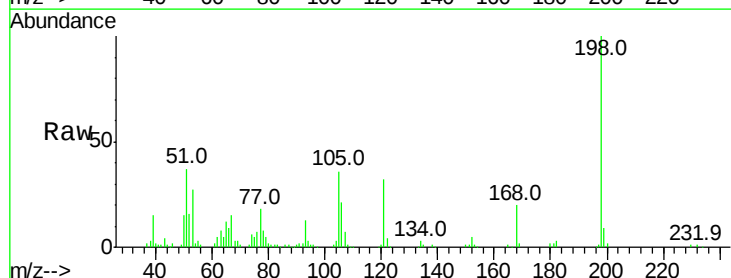
Tgt Ion:198 Resp: 77667

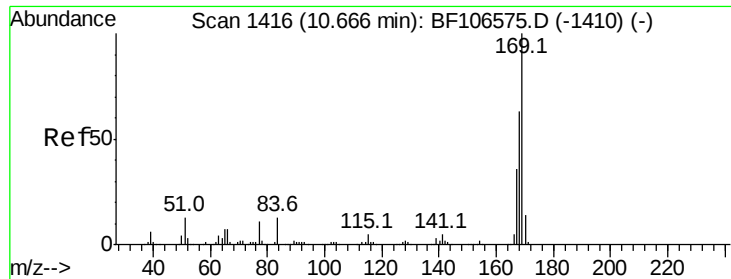
Ion Ratio Lower Upper

198 100

51 36.5 37.7 77.7#

105 36.0 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 38.074 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

Instrument :

BNA\_F

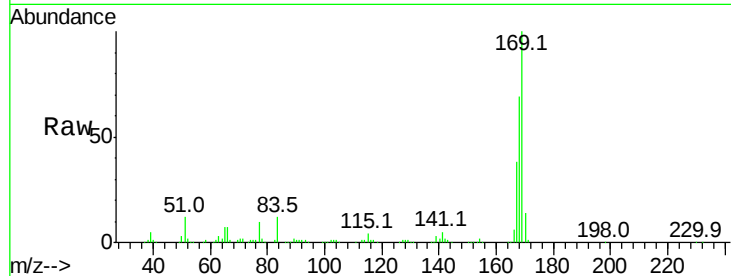
ClientSampleId :

SSTDCCC040

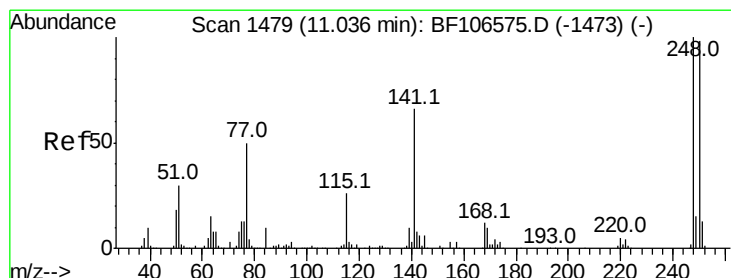
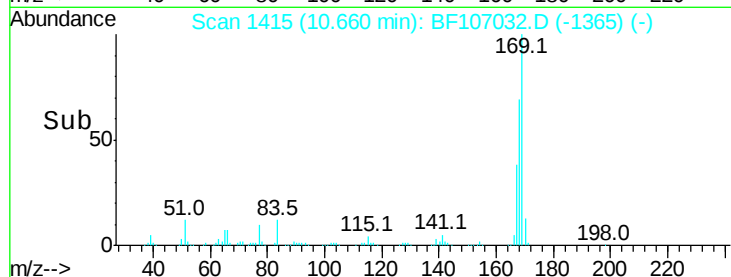
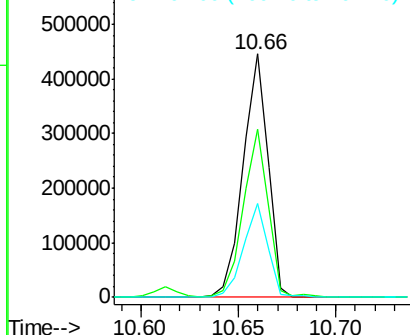
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 394394 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 69.3  | 54.4  | 81.6   |
| 167       | 38.5  | 29.8  | 44.6   |

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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: 42.103 ng

RT: 11.03 min Scan# 1478

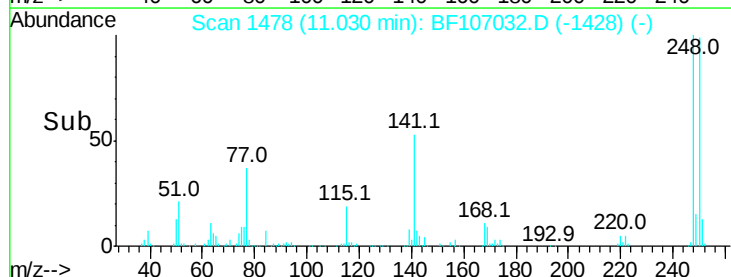
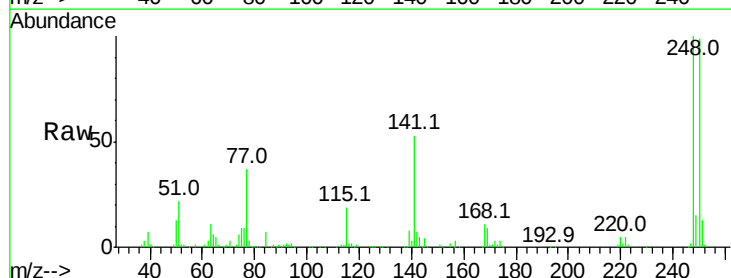
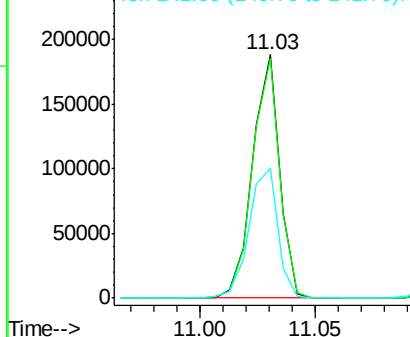
Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 154747 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 98.6  | 76.9  | 115.3  |
| 141       | 53.3  | 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





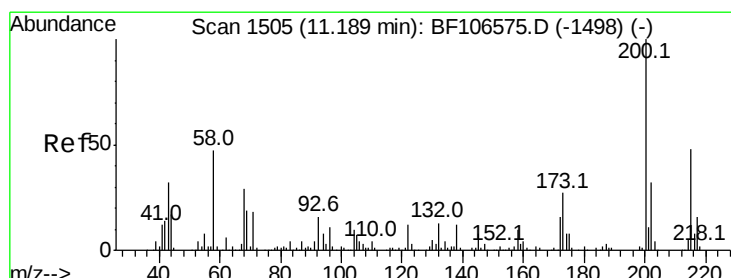
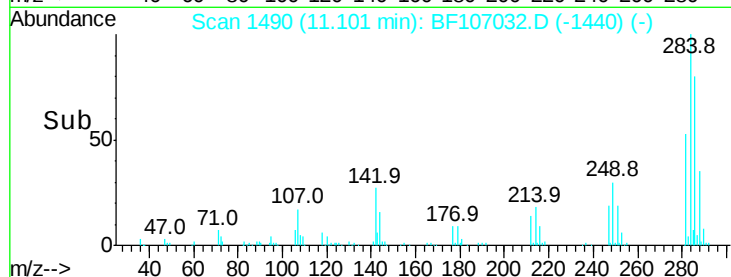
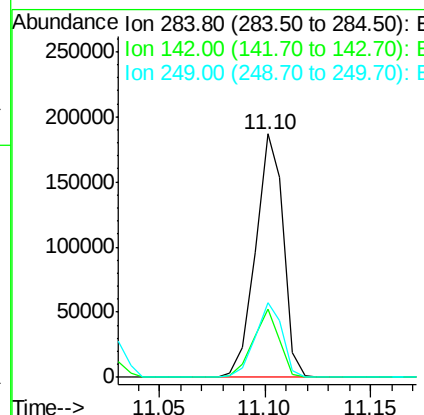
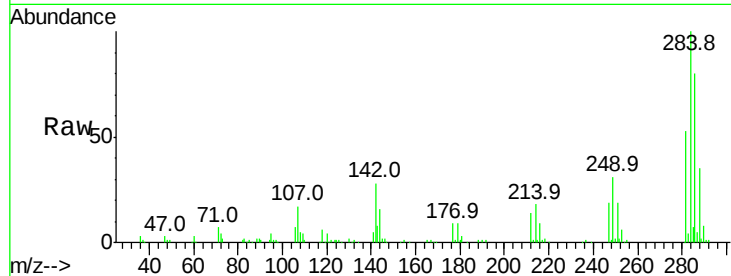
#67  
Hexachlorobenzene  
Concen: 44.220 ng  
RT: 11.10 min Scan# 1490  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 170109 |       |       |
| 142     | 27.8  | 34.6   | 52.0# |       |
| 249     | 30.8  | 24.8   | 37.2  |       |

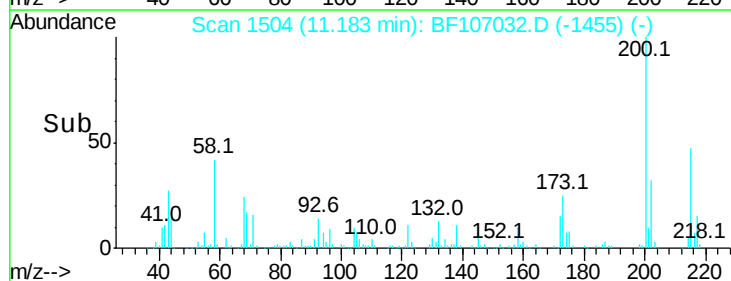
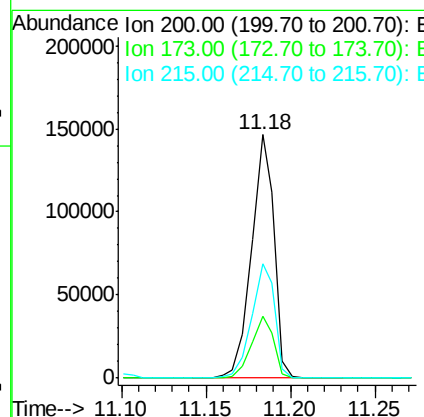
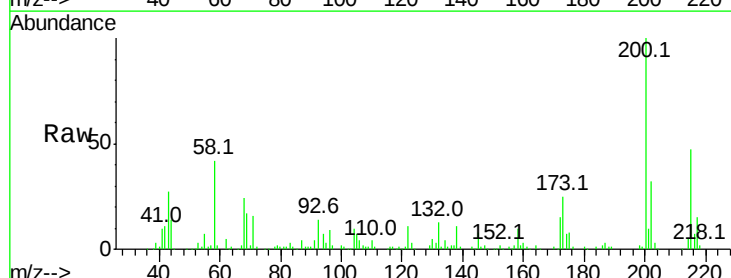
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#68  
Atrazine  
Concen: 41.480 ng  
RT: 11.18 min Scan# 1504  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 136597 |       |       |
| 173     | 25.2  | 8.6    | 48.6  |       |
| 215     | 47.1  | 25.1   | 65.1  |       |





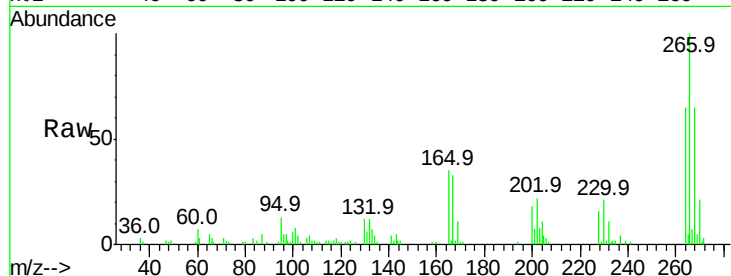
#69  
 Pentachlorophenol  
 Concen: 37.913 ng  
 RT: 11.31 min Scan# 1525  
 Delta R.T. 0.00 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

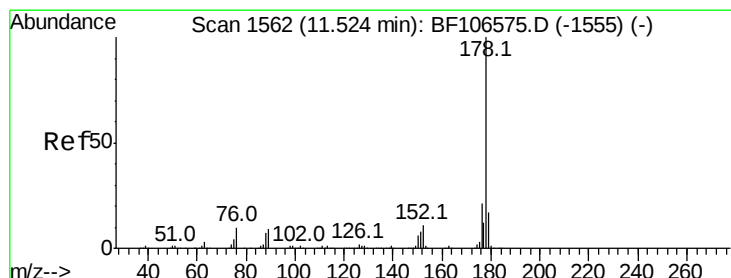
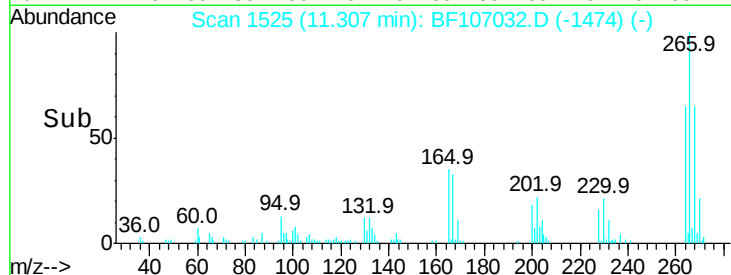
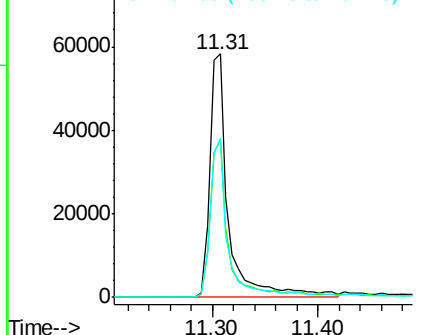
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.7  | 51.1  | 76.7  |
| 264     | 65.2  | 49.5  | 74.3  |

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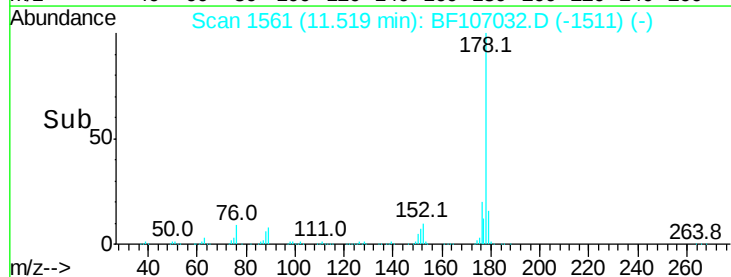
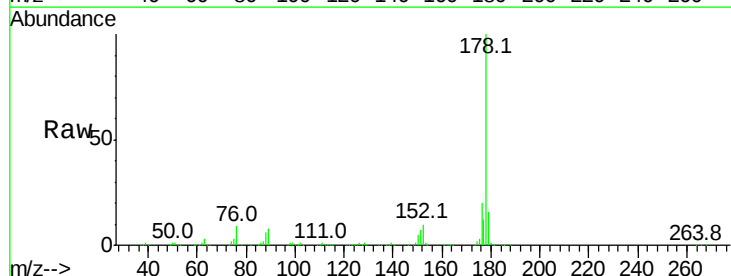
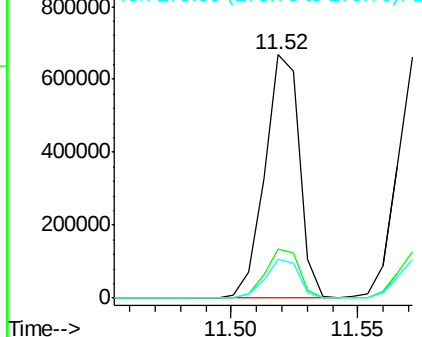
Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

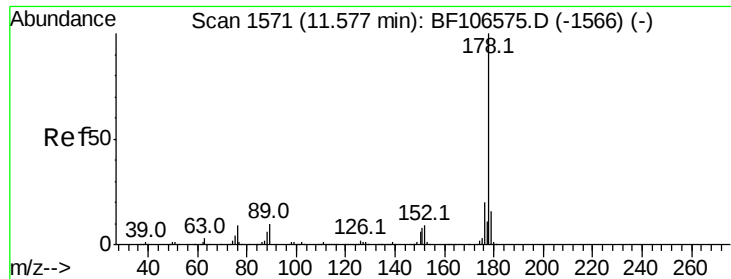


#70  
 Phenanthrene  
 Concen: 43.074 ng  
 RT: 11.52 min Scan# 1561  
 Delta R.T. -0.01 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 15.8  | 23.8  |
| 179     | 15.7  | 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





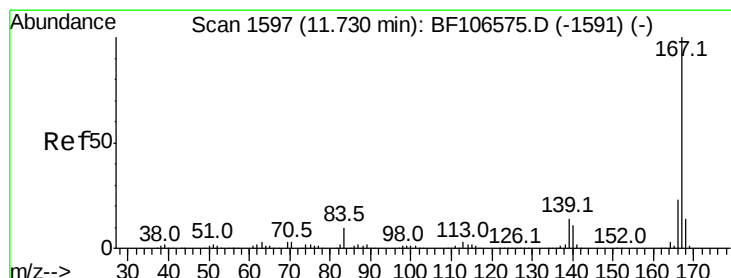
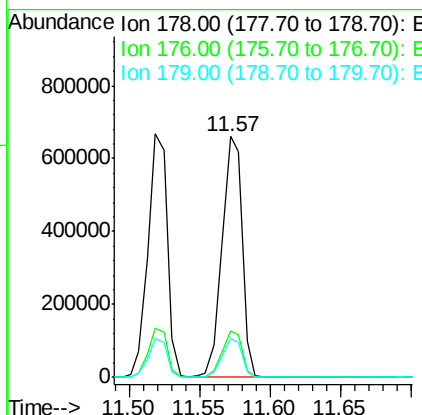
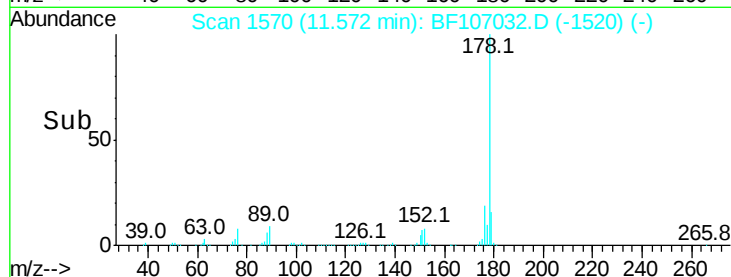
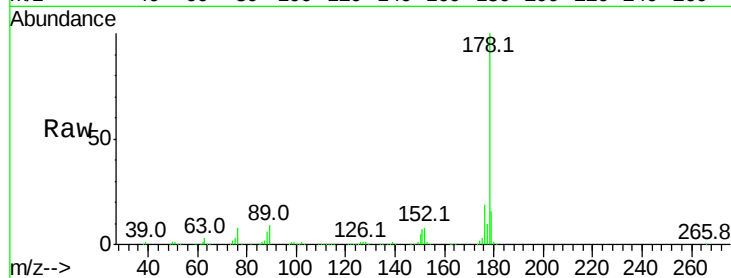
#71  
 Anthracene  
 Concen: 43.234 ng  
 RT: 11.57 min Scan# 1570  
 Delta R.T. -0.01 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.4  | 23.2  |
| 179     | 16.1  | 12.6  | 19.0  |

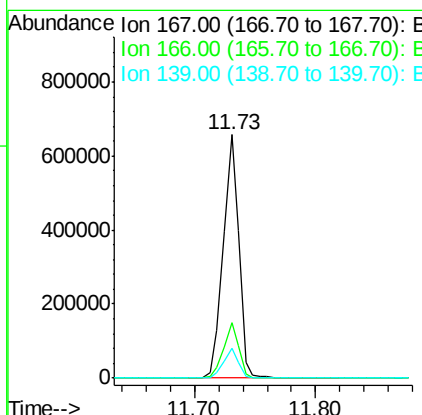
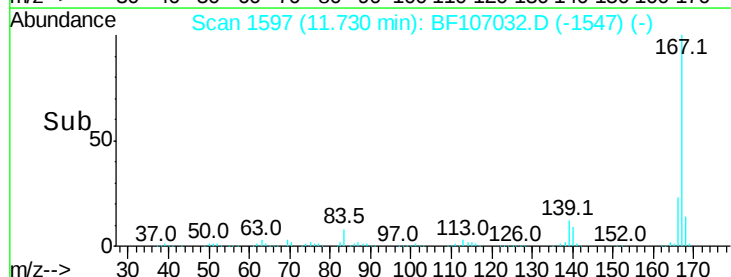
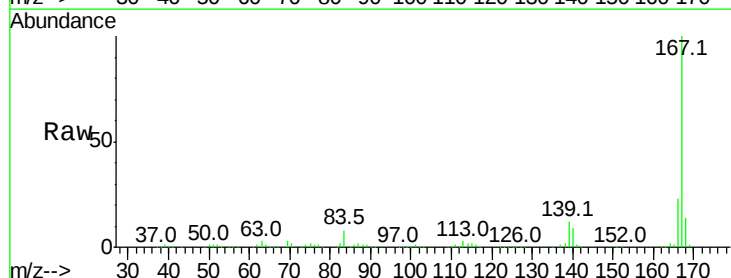
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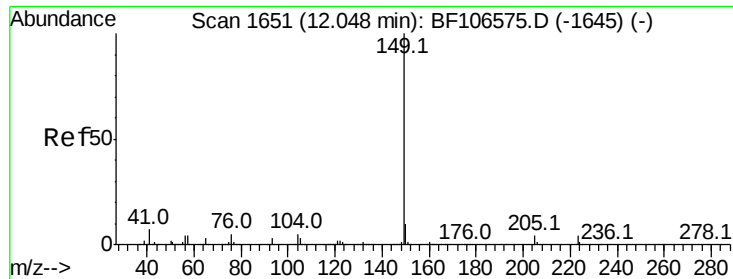
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#72  
 Carbazole  
 Concen: 41.466 ng  
 RT: 11.73 min Scan# 1597  
 Delta R.T. -0.01 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.5  | 17.6  | 26.4  |
| 139     | 12.1  | 10.9  | 16.3  |





#73

Di-n-butylphthalate

Concen: 39.108 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

Instrument :

BNA\_F

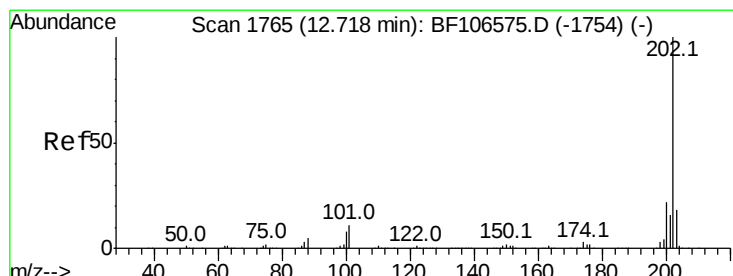
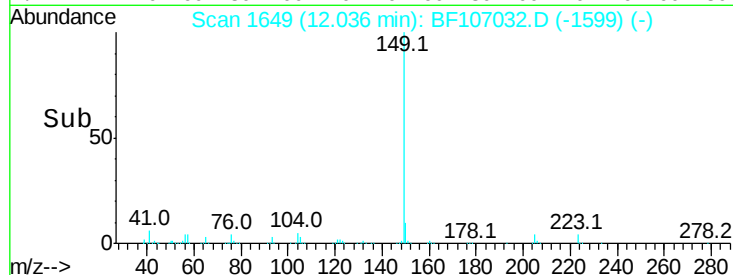
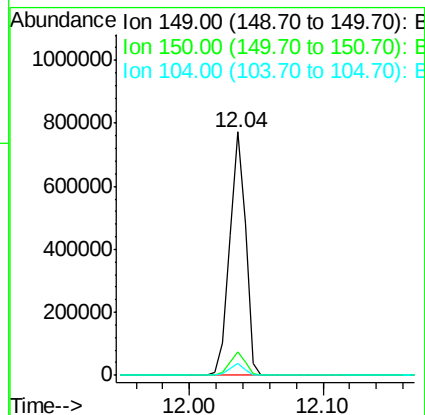
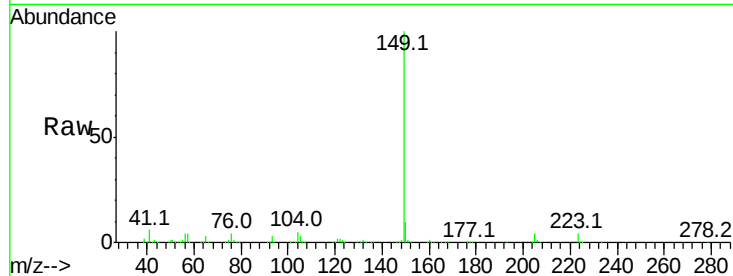
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 653993 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.7   | 7.8   | 11.6   |
| 104       | 4.7   | 3.8   | 5.8    |

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#74

Fluoranthene

Concen: 43.523 ng

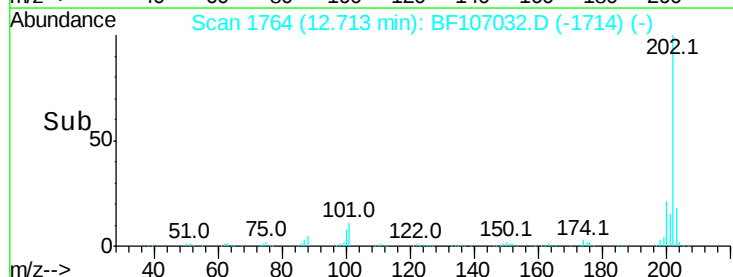
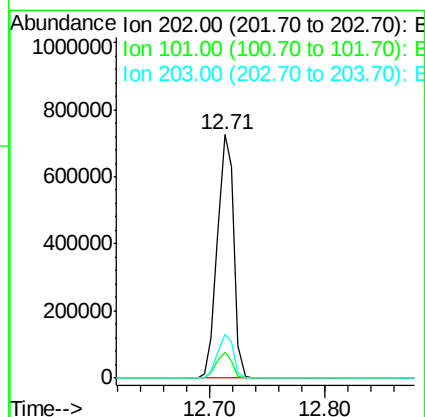
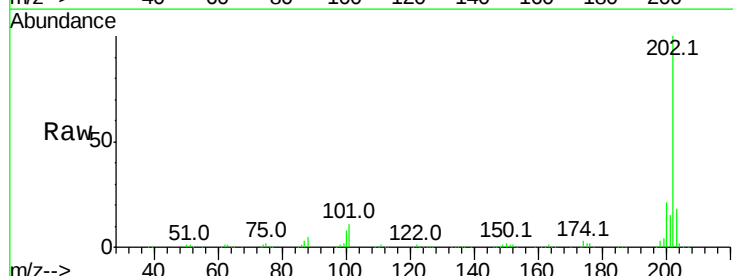
RT: 12.71 min Scan# 1764

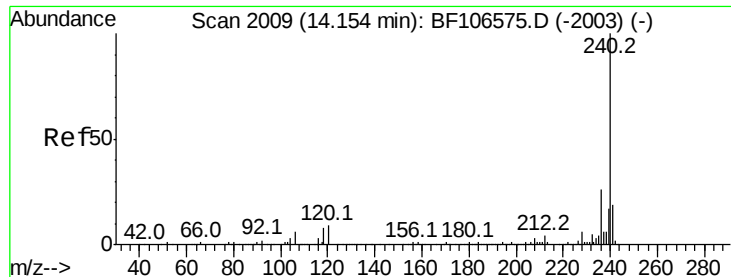
Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 712571 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 10.7  | 0.0   | 34.1   |
| 203       | 18.2  | 0.0   | 38.1   |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

Instrument :

BNA\_F

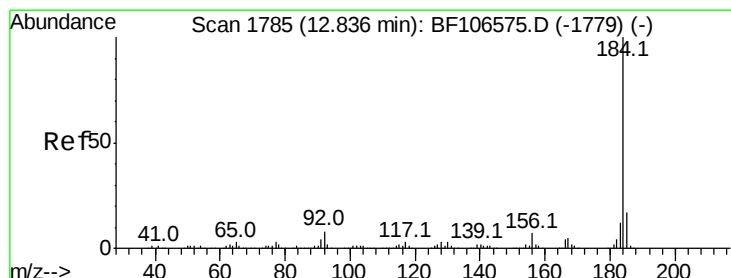
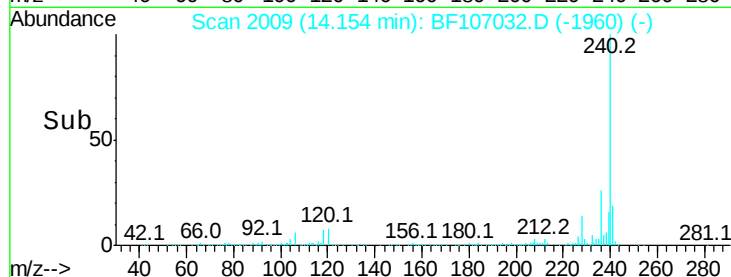
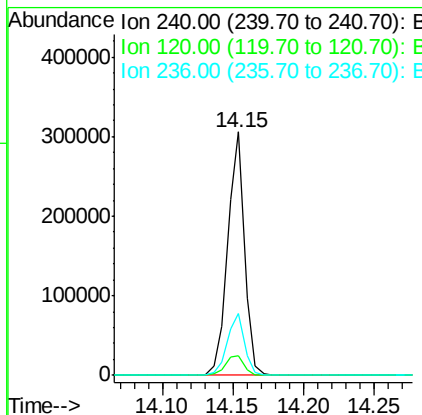
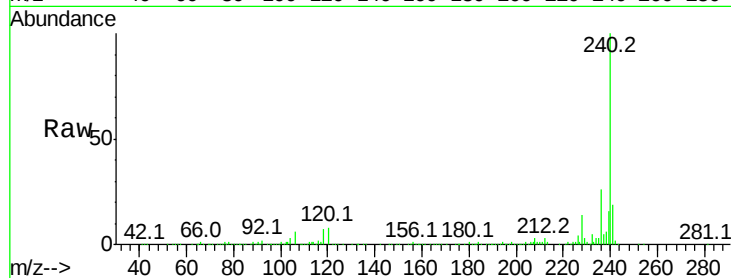
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.9   | 9.5   | 14.3# |
| 236     | 25.6  | 20.7  | 31.1  |

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#76

Benzidine

Concen: 36.394 ng

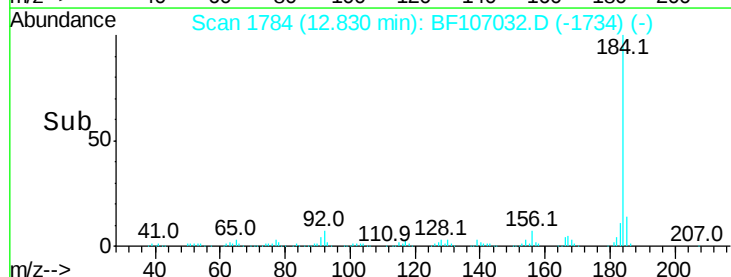
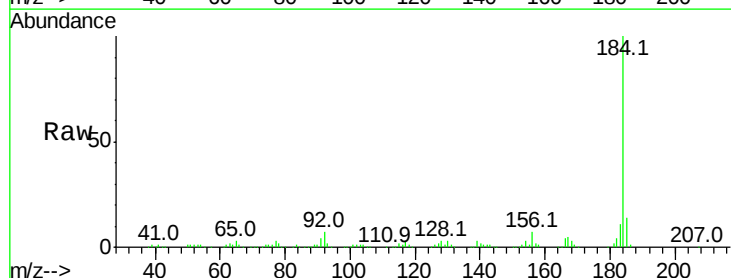
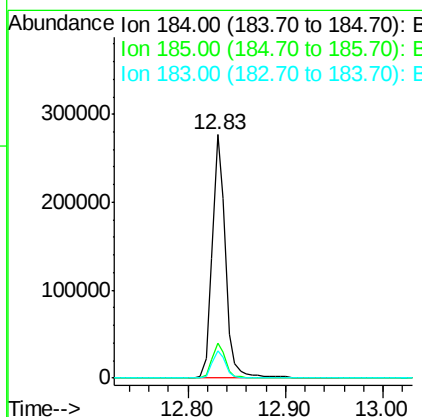
RT: 12.83 min Scan# 1784

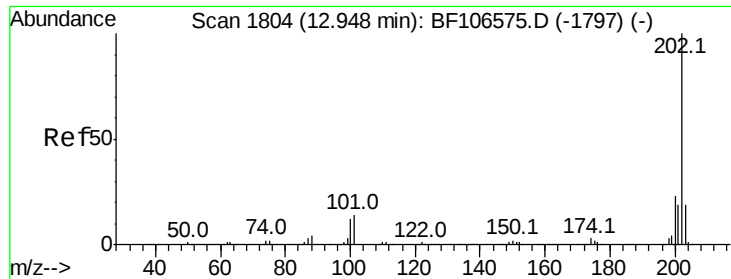
Delta R.T. -0.01 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.2  | 12.6  | 18.8  |
| 183     | 11.3  | 9.3   | 13.9  |





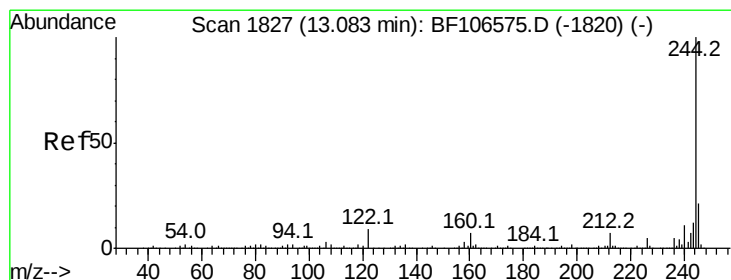
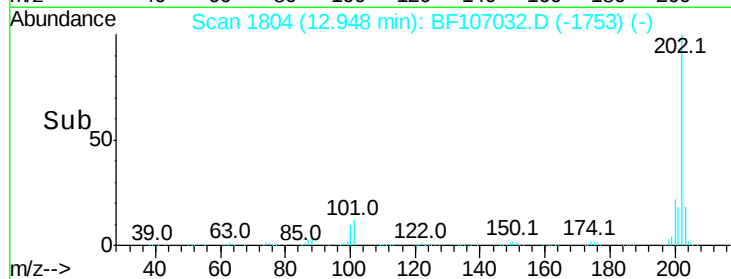
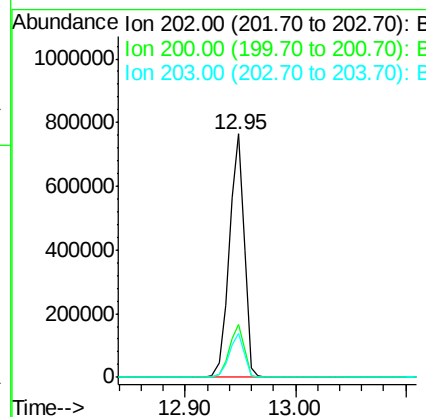
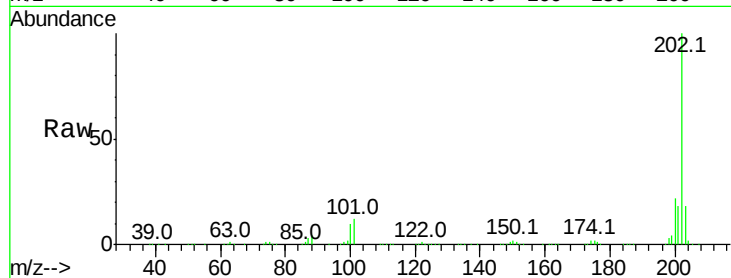
#77  
Pvrene  
Concen: 43.332 ng  
RT: 12.95 min Scan# 1804  
Delta R.T. 0.00 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.8  | 17.4  | 26.2  |
| 203     | 18.0  | 14.3  | 21.5  |

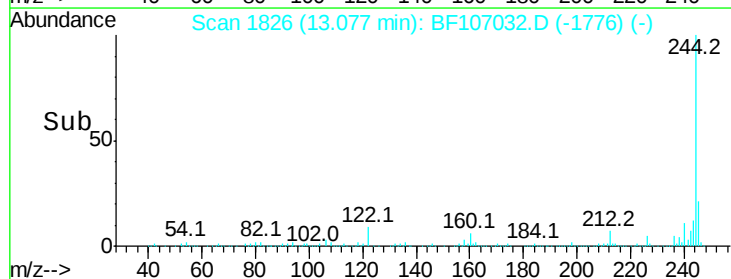
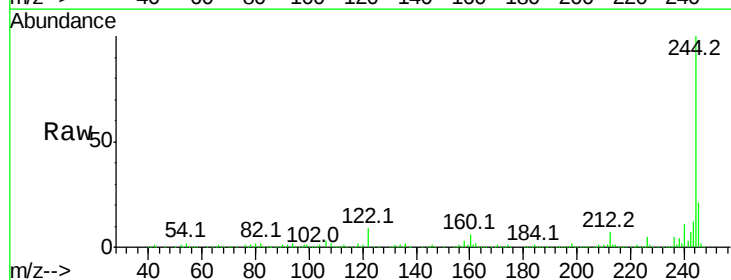
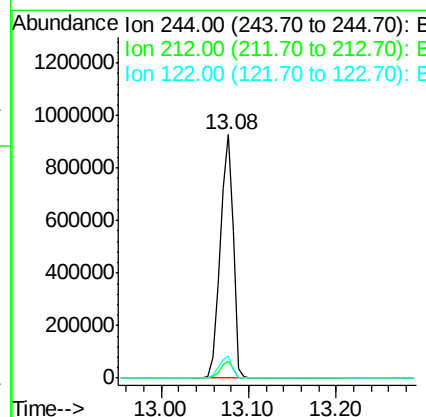
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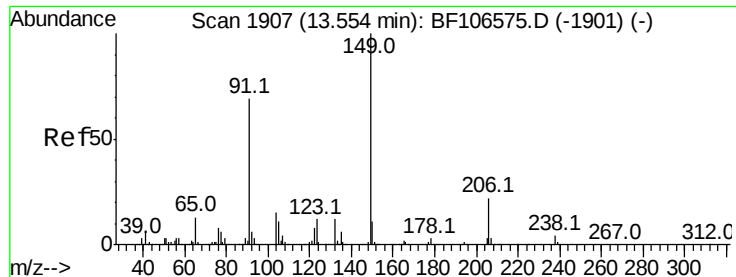
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#78  
Terphenyl-d14  
Concen: 91.206 ng  
RT: 13.08 min Scan# 1826  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.0   | 5.4   | 8.0   |
| 122     | 9.0   | 11.0  | 16.4# |





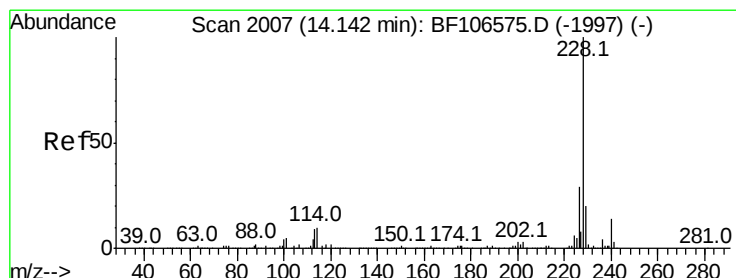
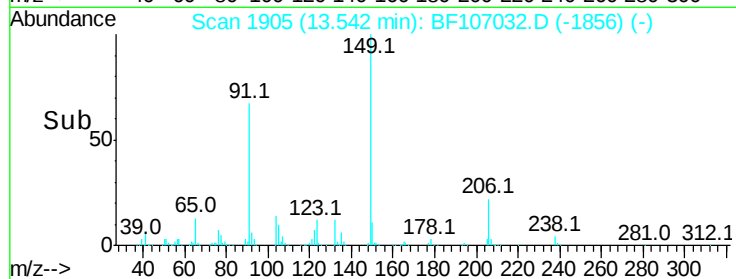
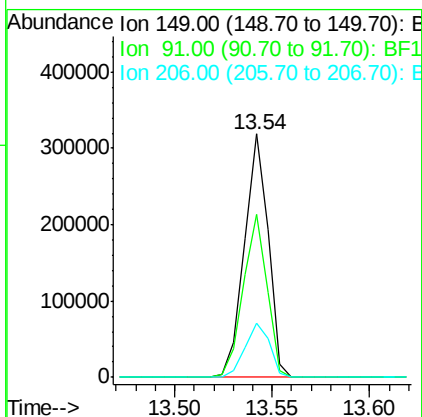
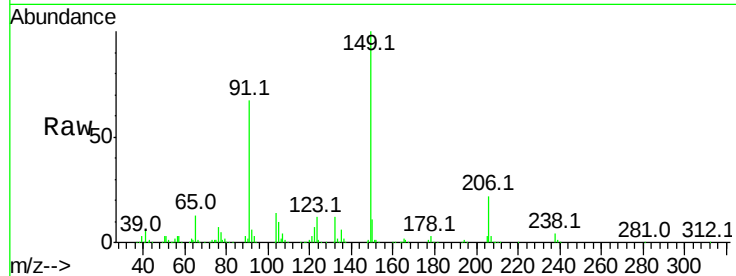
#79  
Butylbenzylphthalate  
Concen: 39.251 ng  
RT: 13.54 min Scan# 1905  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 67.0  | 56.8  | 85.2  |
| 206     | 22.2  | 14.1  | 21.1  |

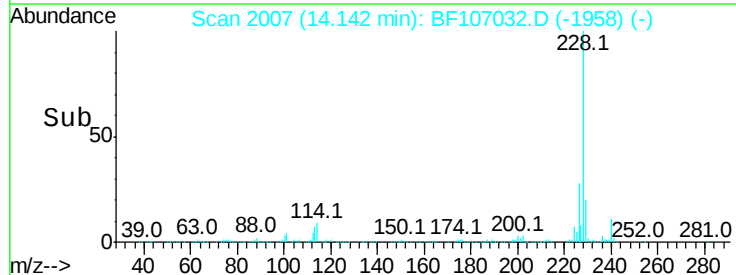
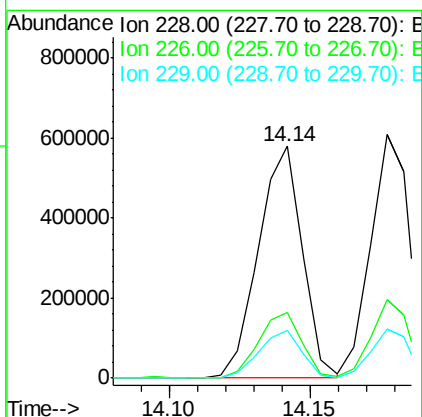
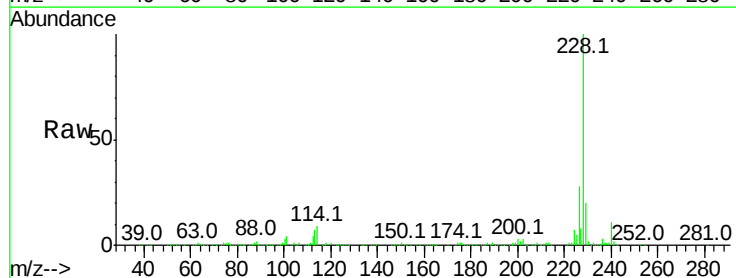
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#80  
Benzo(a)anthracene  
Concen: 40.475 ng  
RT: 14.14 min Scan# 2007  
Delta R.T. -0.01 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.4  | 22.6  | 33.8  |
| 229     | 20.3  | 15.8  | 23.6  |





#81

3,3'-Dichlorobenzidine

Concen: 36.494 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

Instrument :

BNA\_F

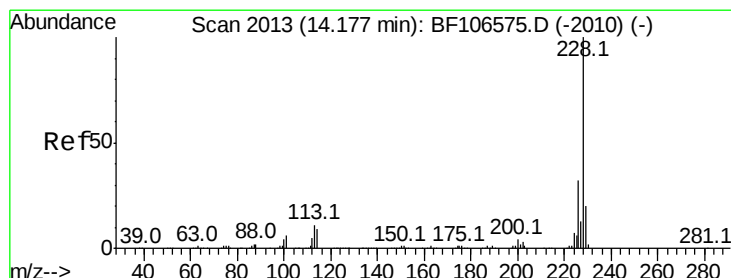
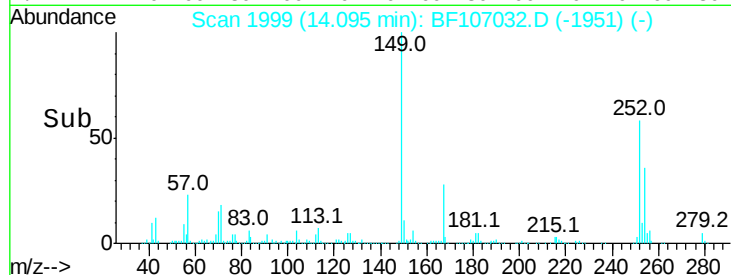
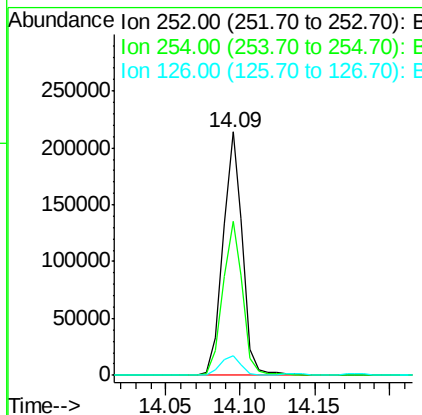
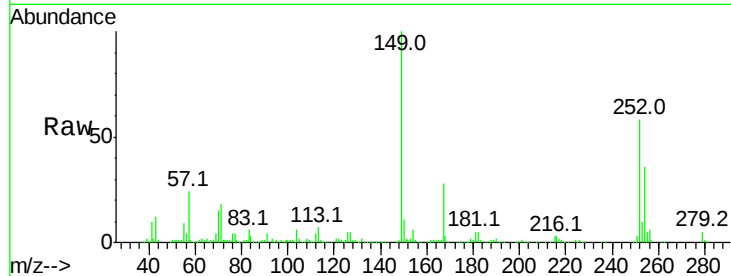
ClientSampled :

SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 197614 |       |       |
| 254     | 63.0  | 50.4   | 75.6  |       |
| 126     | 8.1   | 11.3   | 16.9  |       |

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#82

Chrysene

Concen: 40.666 ng

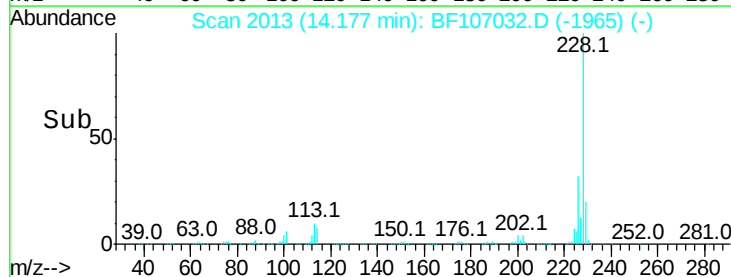
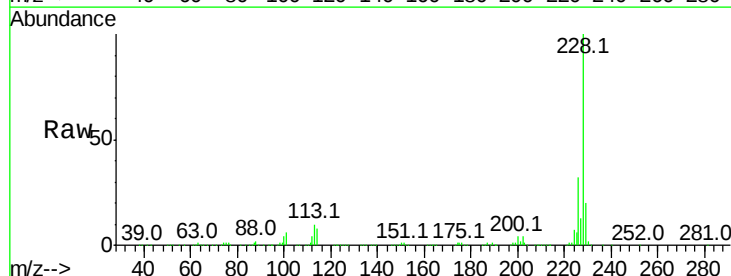
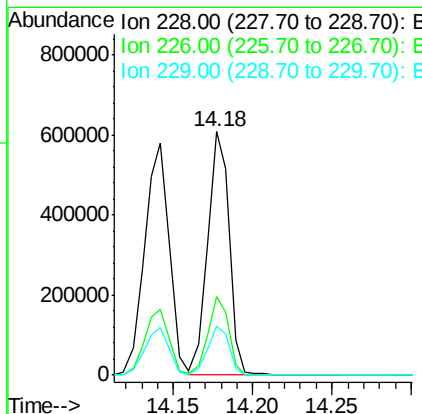
RT: 14.18 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 576409 |       |       |
| 226     | 32.3  | 25.0   | 37.6  |       |
| 229     | 20.2  | 16.2   | 24.4  |       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.664 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

Instrument :

BNA\_F

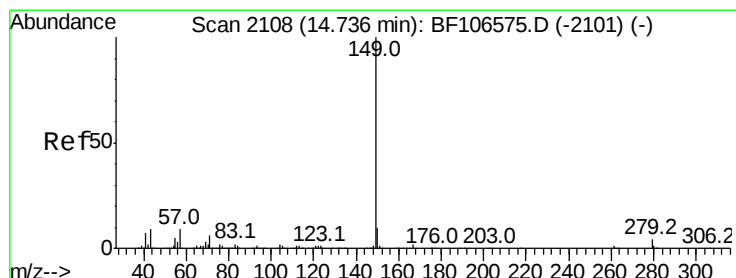
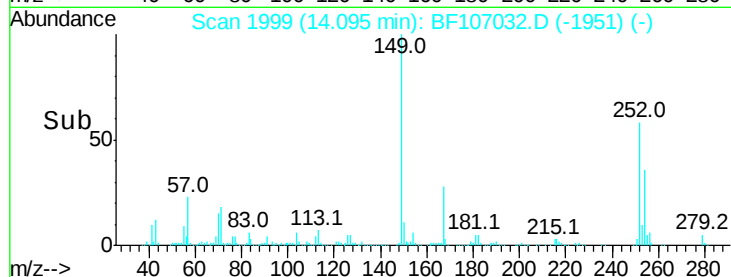
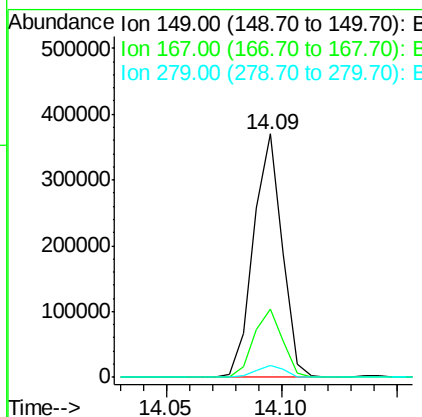
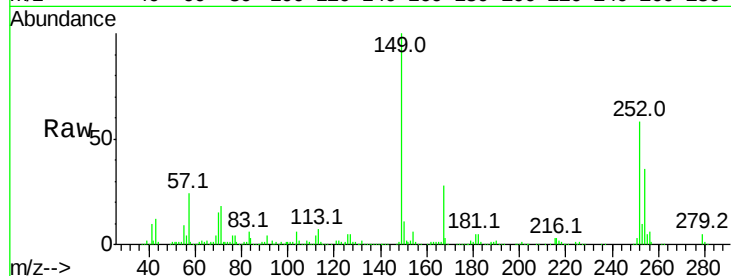
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 321264 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 28.0  | 21.3  | 31.9   |
| 279       | 4.9   | 3.0   | 4.4#   |

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#84

Di-n-octyl phthalate

Concen: 36.214 ng

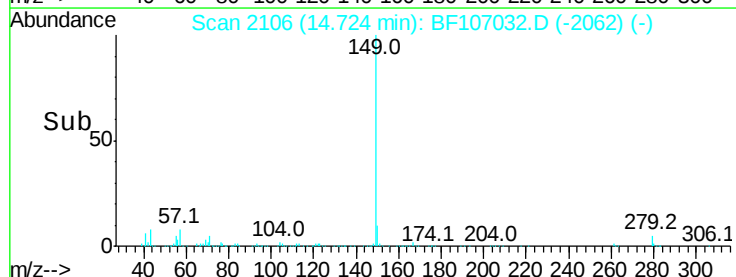
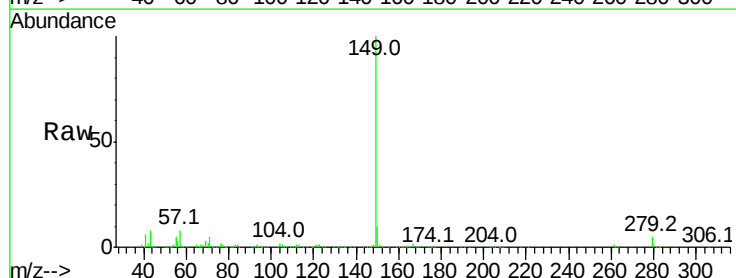
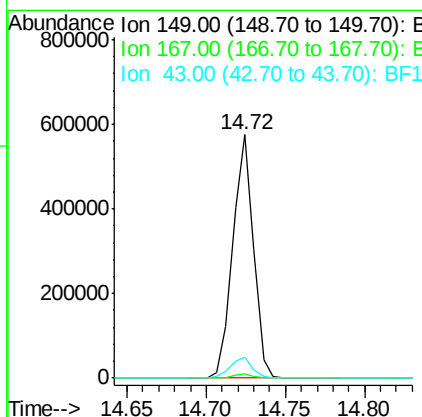
RT: 14.72 min Scan# 2106

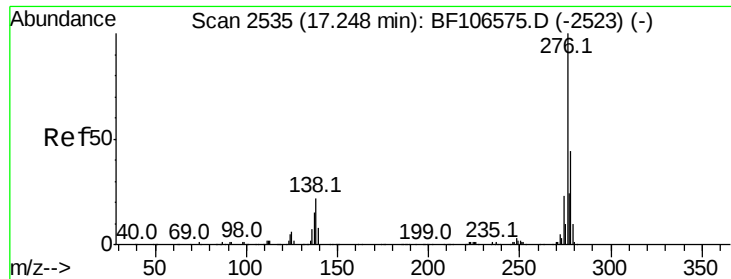
Delta R.T. -0.04 min

Lab File: BF107032.D

Acq: 2 Jul 2018 9:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 517252 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.7   | 1.2   | 1.8    |
| 43        | 8.5   | 8.4   | 12.6   |





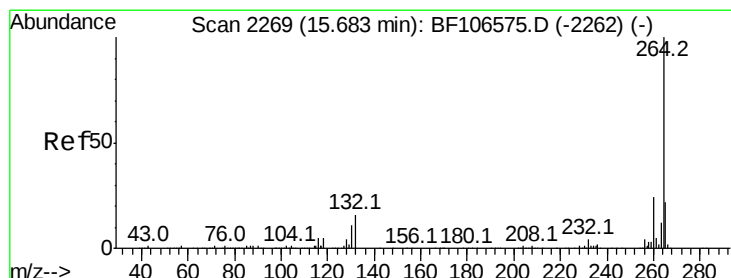
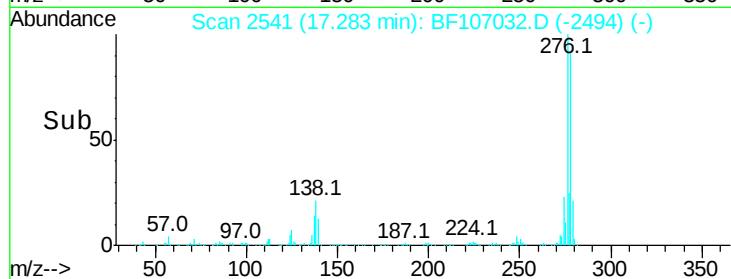
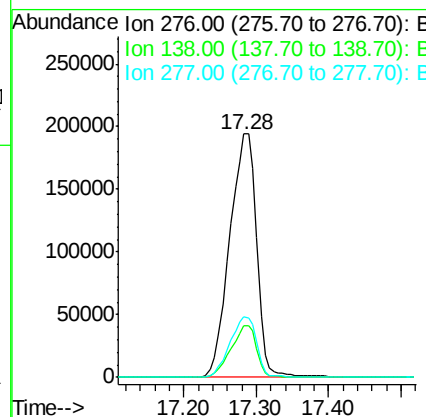
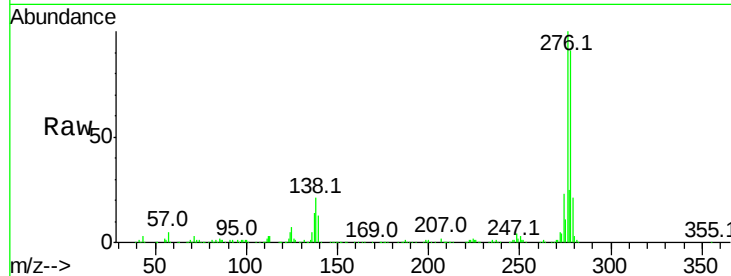
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.767 ng  
 RT: 17.28 min Scan# 2541  
 Delta R.T. -0.02 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 20.4  | 25.0  | 37.6# |
| 277     | 24.8  | 20.1  | 30.1  |

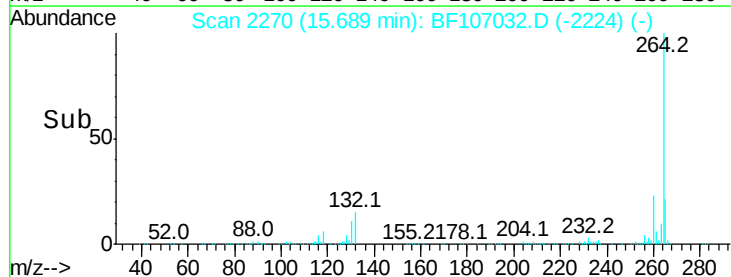
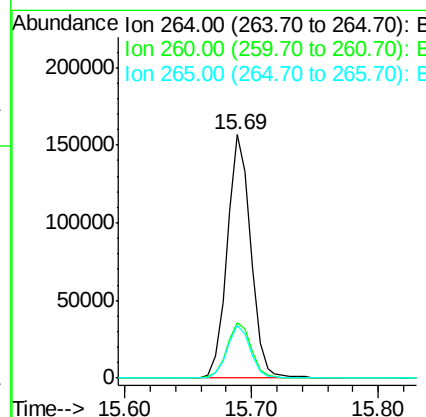
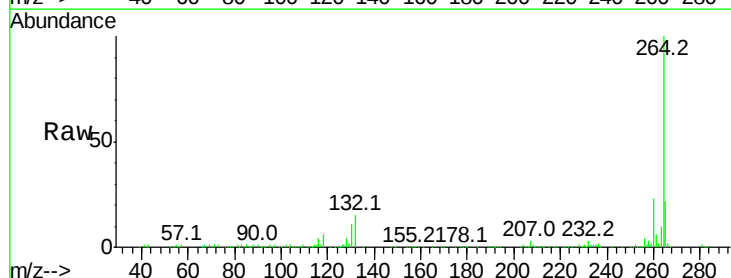
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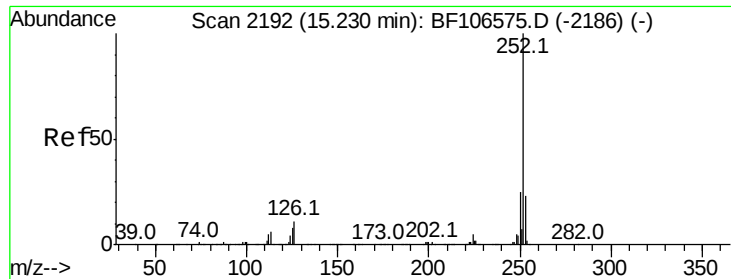
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.69 min Scan# 2270  
 Delta R.T. -0.03 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.9  | 19.2  | 28.8  |
| 265     | 21.7  | 17.5  | 26.3  |





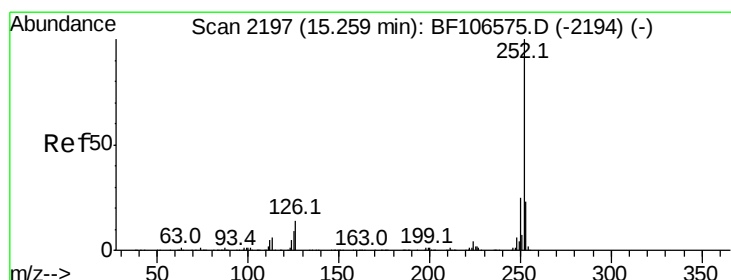
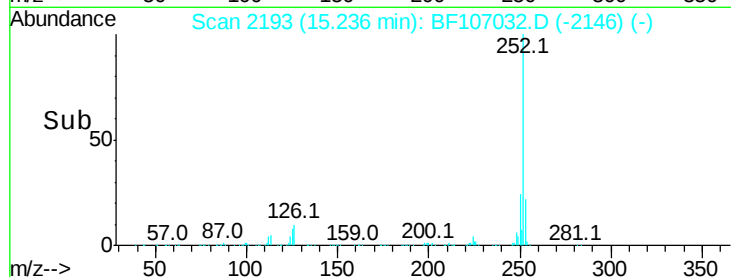
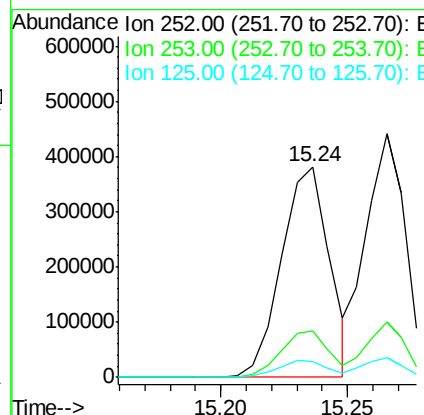
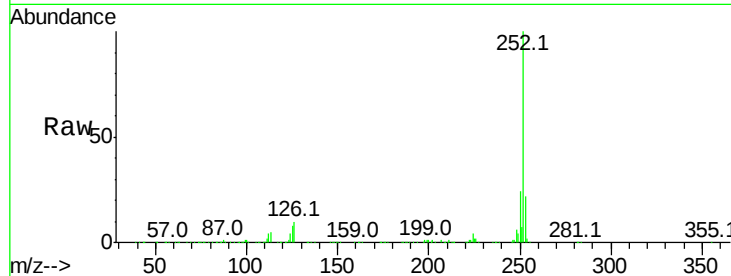
#87  
Benzo(b)fluoranthene  
Concen: 39.965 ng  
RT: 15.24 min Scan# 2193  
Delta R.T. -0.02 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.0  | 25.6  |
| 125     | 7.6   | 9.0   | 13.6  |

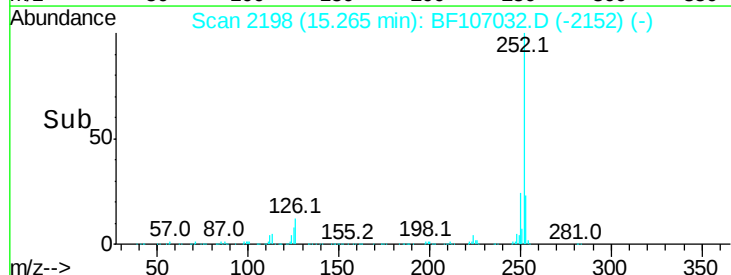
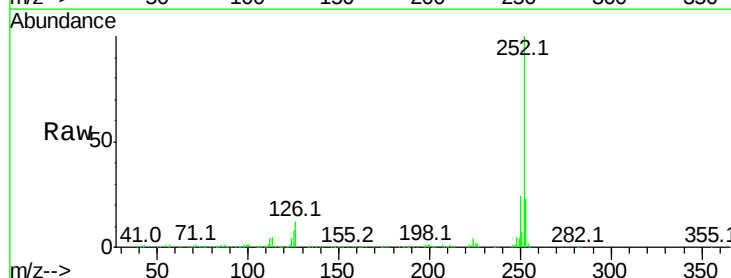
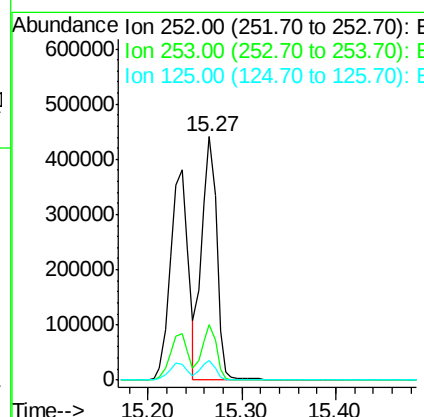
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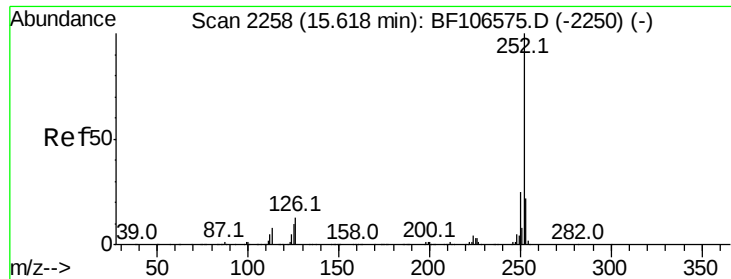
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#88  
Benzo(k)fluoranthene  
Concen: 41.100 ng  
RT: 15.27 min Scan# 2198  
Delta R.T. -0.03 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 17.9  | 26.9  |
| 125     | 8.0   | 10.2  | 15.2  |





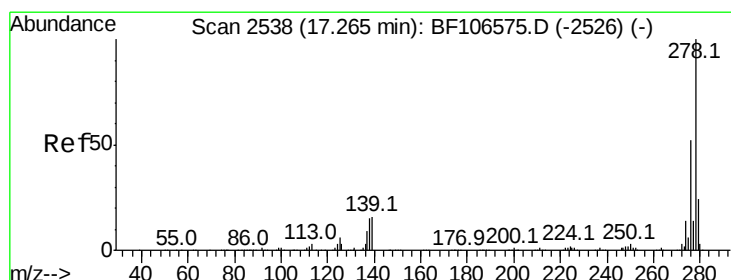
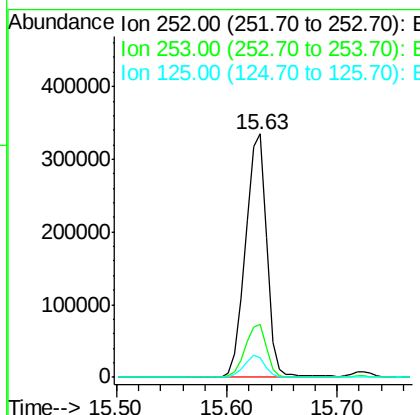
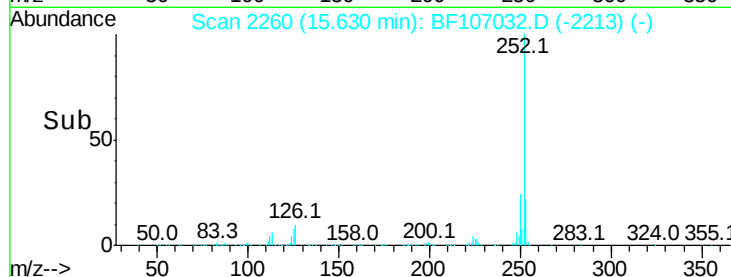
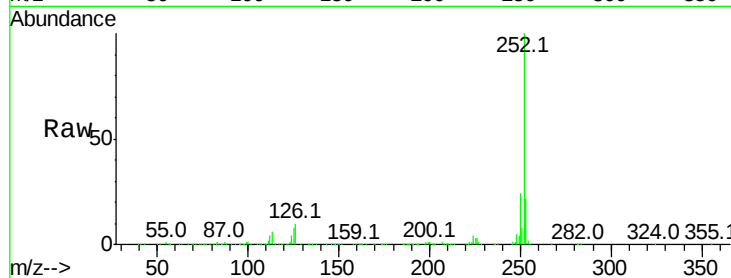
#89  
Benzo(a)pyrene  
Concen: 40.932 ng  
RT: 15.63 min Scan# 2260  
Delta R.T. -0.02 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.1  | 25.7  |
| 125     | 8.3   | 9.8   | 14.6  |

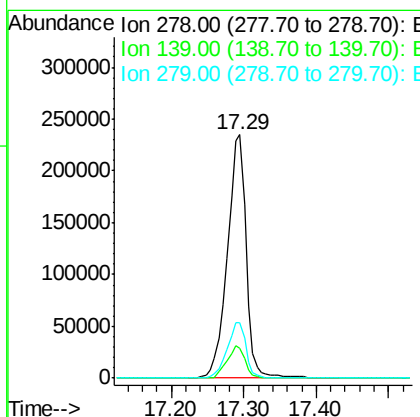
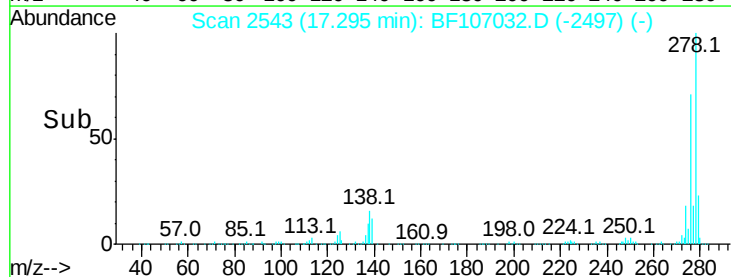
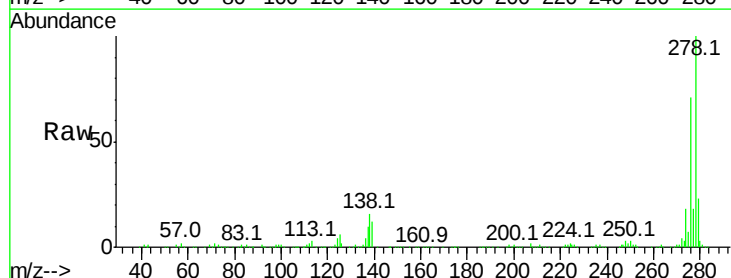
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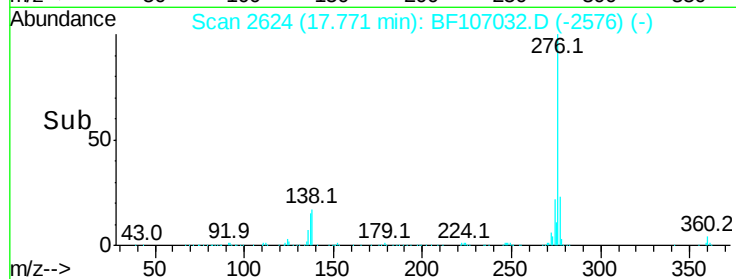
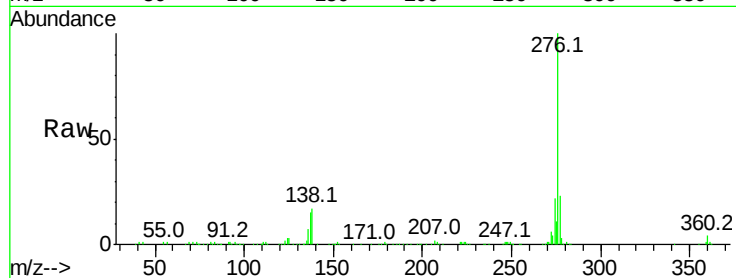
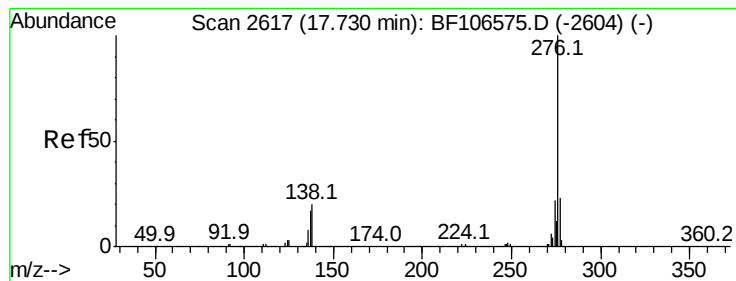
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#90  
Dibenzo(a,h)anthracene  
Concen: 44.839 ng  
RT: 17.29 min Scan# 2543  
Delta R.T. -0.03 min  
Lab File: BF107032.D  
Acq: 2 Jul 2018 9:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 12.4  | 15.9  | 23.9  |
| 279     | 22.8  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 46.527 ng  
 RT: 17.77 min Scan# 2624  
 Delta R.T. -0.02 min  
 Lab File: BF107032.D  
 Acq: 2 Jul 2018 9:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 277     | 22.9  | 17.9       | 26.9  |
| 138     | 17.1  | 21.8       | 32.8  |

Manual Integrations  
 APPROVED

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