

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\  
 Data File : BF109520.D  
 Acq On : 3 Oct 2018 00:23  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 10/3/2018 9:31:12 AM

Quant Time: Oct 03 04:54:27 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 22 13:32:18 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 94065    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.99  | 136  | 370860   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.73  | 164  | 171193   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.21 | 188  | 310549   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.84 | 240  | 231885   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.24 | 264  | 254061   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.31  | 112  | 468602   | 82.05 | ng    | 0.00     |
| 7) Phenol-d6                | 6.35  | 99   | 587396   | 80.60 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.27  | 82   | 541889   | 86.26 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.52 | 330  | 144376   | 85.55 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.06  | 172  | 995953   | 87.74 | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.79 | 244  | 757339   | 80.15 | ng    | -0.01    |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.33 | 88   | 96992    | 36.876 | ng    | 94     |
| 3) Pyridine                    | 3.05 | 79   | 231527   | 34.201 | ng    | 90     |
| 4) n-Nitrosodimethylamine      | 2.99 | 42   | 95251    | 33.063 | ng    | # 99   |
| 6) Aniline                     | 6.37 | 93   | 359293   | 38.536 | ng    | # 60   |
| 8) 2-Chlorophenol              | 6.49 | 128  | 268073   | 42.211 | ng    | 97     |
| 9) Benzaldehyde                | 6.25 | 77   | 177865   | 37.993 | ng    | 98     |
| 10) Phenol                     | 6.36 | 94   | 321778   | 38.990 | ng    | # 66   |
| 11) bis(2-Chloroethyl)ether    | 6.45 | 93   | 240523   | 37.246 | ng    | 94     |
| 12) 1,3-Dichlorobenzene        | 6.65 | 146  | 299802   | 41.000 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146  | 310091   | 42.094 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 6.87 | 146  | 277713   | 40.867 | ng    | 99     |
| 15) Benzyl Alcohol             | 6.85 | 79   | 219235   | 39.302 | ng    | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.99 | 45   | 350833   | 38.301 | ng    | 82     |
| 17) 2-Methylphenol             | 6.97 | 107  | 203622   | 39.625 | ng    | 95     |
| 18) Hexachloroethane           | 7.22 | 117  | 108970   | 41.987 | ng    | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70   | 187785   | 39.325 | ng    | 99     |
| 20) 3+4-Methylphenols          | 7.13 | 107  | 255499   | 41.182 | ng    | # 82   |
| 22) Acetophenone               | 7.12 | 105  | 358291   | 41.787 | ng    | 98     |
| 24) Nitrobenzene               | 7.29 | 77   | 280653   | 42.015 | ng    | 97     |
| 25) Isophorone                 | 7.53 | 82   | 442211   | 39.089 | ng    | 97     |
| 26) 2-Nitrophenol              | 7.60 | 139  | 134944   | 51.083 | ng    | 97     |
| 27) 2,4-Dimethylphenol         | 7.65 | 122  | 196882   | 39.941 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.74 | 93   | 308867   | 41.244 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 7.85 | 162  | 220498   | 42.575 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.93 | 180  | 240488   | 41.555 | ng    | 98     |
| 31) Naphthalene                | 8.01 | 128  | 692523   | 39.961 | ng    | 99     |
| 32) Benzoic acid               | 7.77 | 122  | 87157m   | 29.132 | ng    |        |
| 33) 4-Chloroaniline            | 8.06 | 127  | 311075   | 41.089 | ng    | 97     |
| 34) Hexachlorobutadiene        | 8.13 | 225  | 147430   | 42.258 | ng    | 99     |
| 35) Caprolactam                | 8.43 | 113  | 63108    | 38.166 | ng    | 89     |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107  | 227871   | 41.812 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 8.70 | 142  | 448861   | 40.177 | ng    | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.87 | 216  | 240210   | 44.089 | ng    | 98     |
| 40) Hexachlorocyclopentadiene  | 8.85 | 237  | 44562    | 18.752 | ng    | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\  
 Data File : BF109520.D  
 Acq On : 3 Oct 2018 00:23  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC0040

Manual Integrations  
 APPROVED

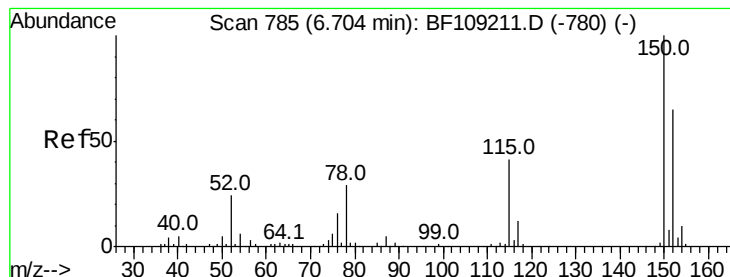
Sohil  
 10/3/2018 9:31:12 AM

Quant Time: Oct 03 04:54:27 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 22 13:32:18 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.98  | 196  | 150685   | 43.093 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.02  | 196  | 162303   | 43.948 | nq    | 96       |
| 45) 1,1'-Biphenyl              | 9.16  | 154  | 591766   | 42.426 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 9.19  | 162  | 465020   | 41.732 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.28  | 65   | 140595   | 44.503 | nq    | 94       |
| 48) Acenaphthylene             | 9.60  | 152  | 682714   | 40.614 | nq    | 100      |
| 49) Dimethylphthalate          | 9.46  | 163  | 530152   | 42.578 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.52  | 165  | 115138   | 46.689 | nq    | 94       |
| 51) Acenaphthene               | 9.77  | 154  | 394539   | 38.820 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.69  | 138  | 129049   | 45.187 | nq    | 92       |
| 53) 2,4-Dinitrophenol          | 9.80  | 184  | 21108    | 30.075 | nq #  | 29       |
| 54) Dibenzofuran               | 9.94  | 168  | 605411   | 40.055 | nq    | 97       |
| 55) 4-Nitrophenol              | 9.86  | 139  | 74181    | 34.481 | nq    | 96       |
| 56) 2,4-Dinitrotoluene         | 9.93  | 165  | 140806   | 45.126 | nq #  | 99       |
| 57) Fluorene                   | 10.28 | 166  | 432045   | 40.063 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.06 | 232  | 125478   | 42.912 | nq    | 88       |
| 59) Diethylphthalate           | 10.16 | 149  | 528028   | 41.877 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.27 | 204  | 234123   | 41.565 | nq    | 95       |
| 61) 4-Nitroaniline             | 10.30 | 138  | 121226   | 43.526 | nq    | 95       |
| 62) Azobenzene                 | 10.43 | 77   | 514460   | 39.271 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.34 | 198  | 46968    | 39.175 | nq    | 75       |
| 65) n-Nitrosodiphenylamine     | 10.39 | 169  | 448515   | 43.713 | nq    | 95       |
| 66) 4-Bromophenyl-phenylether  | 10.76 | 248  | 148582   | 43.086 | nq #  | 85       |
| 67) Hexachlorobenzene          | 10.83 | 284  | 154972   | 42.313 | nq #  | 88       |
| 68) Atrazine                   | 10.92 | 200  | 134016   | 42.469 | nq    | 96       |
| 69) Pentachlorophenol          | 11.03 | 266  | 85021    | 38.786 | nq    | 98       |
| 70) Phenanthrene               | 11.23 | 178  | 626700   | 40.418 | nq    | 99       |
| 71) Anthracene                 | 11.29 | 178  | 634878   | 40.369 | nq    | 100      |
| 72) Carbazole                  | 11.45 | 167  | 615575   | 39.340 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.77 | 149  | 807476   | 44.826 | nq    | 99       |
| 74) Fluoranthene               | 12.42 | 202  | 625219   | 37.731 | nq    | 97       |
| 76) Benzidine                  | 12.54 | 184  | 328721   | 39.318 | nq    | 99       |
| 77) Pyrene                     | 12.65 | 202  | 637349   | 38.351 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.27 | 149  | 310751   | 43.951 | nq    | 95       |
| 80) Benzo(a)anthracene         | 13.83 | 228  | 523534   | 37.483 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.79 | 252  | 223944   | 42.189 | nq    | 97       |
| 82) Chrysene                   | 13.87 | 228  | 550785   | 39.786 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.83 | 149  | 412278   | 46.236 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.43 | 149  | 720026   | 47.227 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.59 | 276  | 508954   | 45.357 | nq #  | 93       |
| 87) Benzo(b)fluoranthene       | 14.84 | 252  | 549330   | 39.349 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 14.87 | 252  | 537340   | 40.562 | nq #  | 96       |
| 89) Benzo(a)pyrene             | 15.18 | 252  | 513315   | 40.805 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.60 | 278  | 430099   | 41.675 | nq #  | 95       |
| 91) Benzo(g,h,i)perylene       | 16.99 | 276  | 400664   | 39.502 | nq #  | 92       |

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





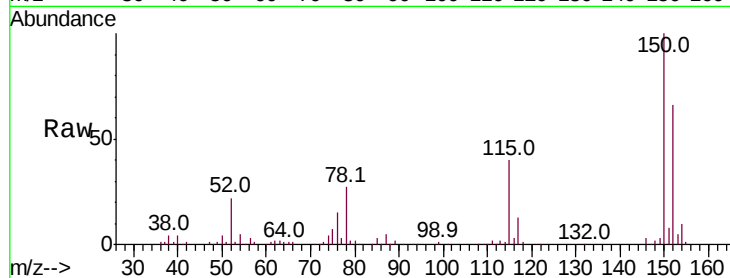
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.70 min Scan# 785  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.9 | 124.6 | 186.8 |
| 115     | 59.8  | 50.1  | 75.1  |

Manual Integrations  
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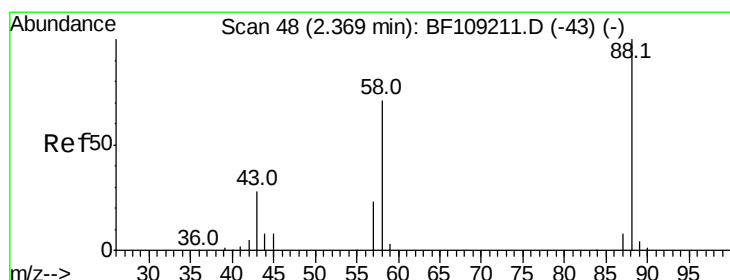
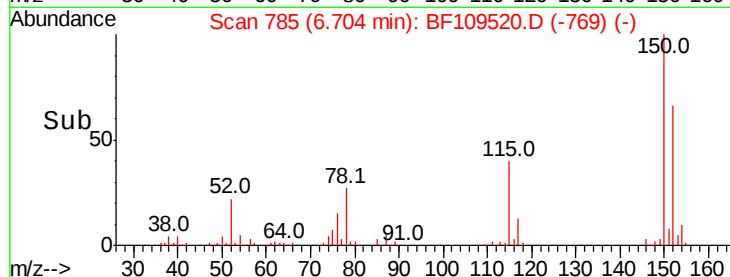
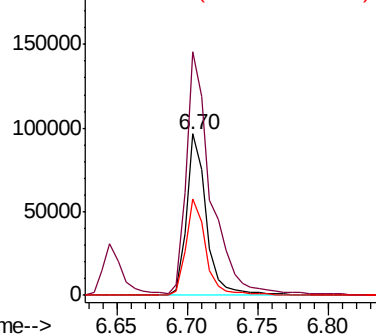


Abundance

Ion 152.00 (151.70 to 152.70): E

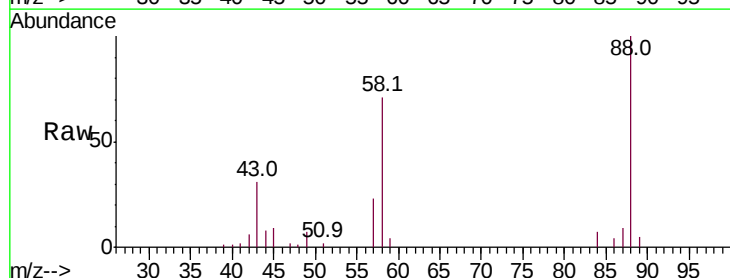
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2  
 1,4-Dioxane  
 Concen: 36.876 ng  
 RT: 2.33 min Scan# 42  
 Delta R.T. -0.04 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 71.0  | 62.6  | 93.8  |
| 43      | 29.9  | 24.6  | 37.0  |

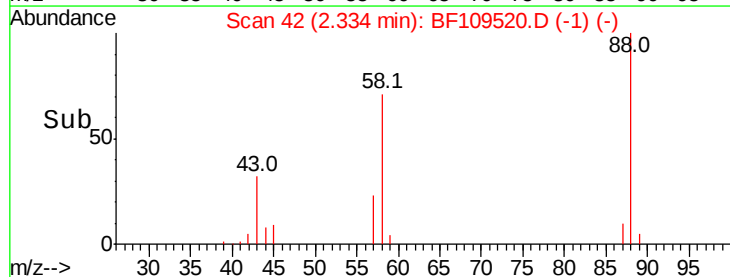
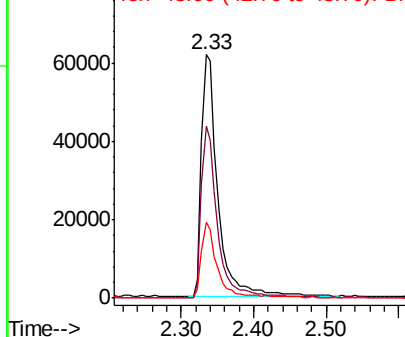


Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.201 ng

RT: 3.05 min Scan# 164

Delta R.T. -0.01 min

Lab File: BF109520.D

Acq: 3 Oct 2018 00:23

Instrument :

BNA\_F

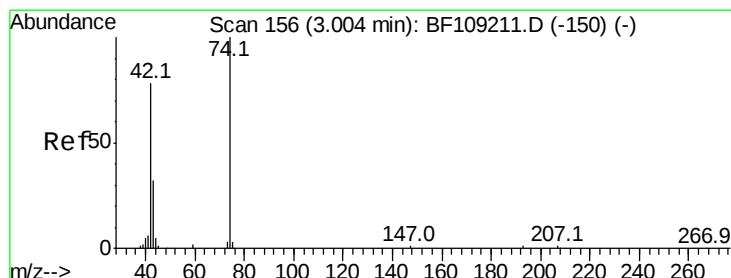
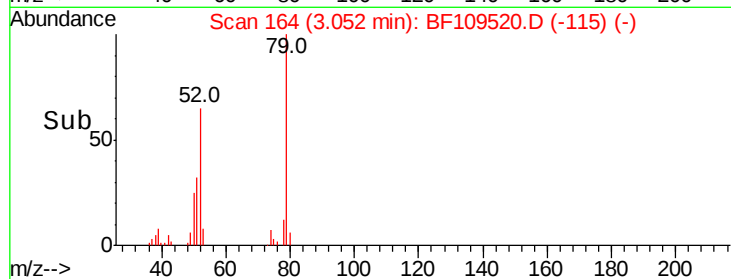
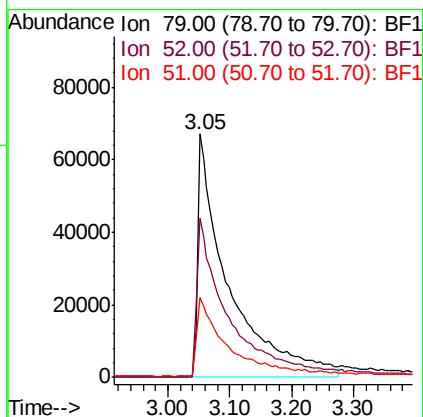
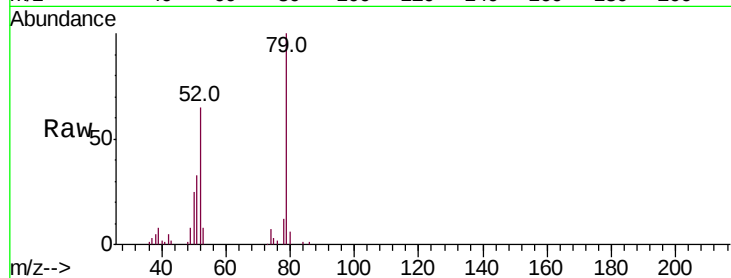
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 231527 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 65.3  | 59.8  | 89.6   |
| 51        | 33.0  | 29.8  | 44.8   |

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#4

n-Nitrosodimethylamine

Concen: 33.063 ng

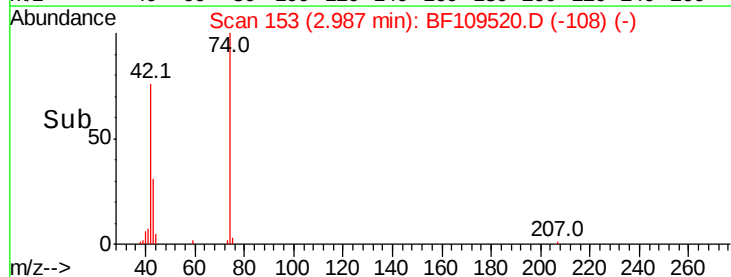
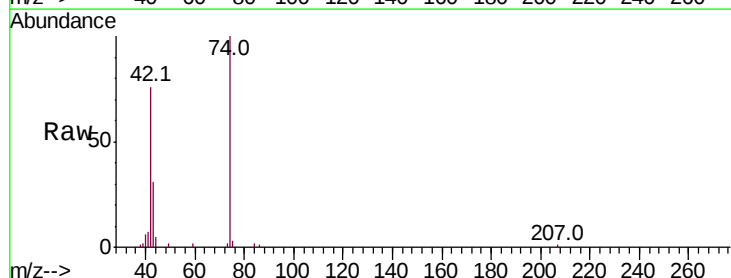
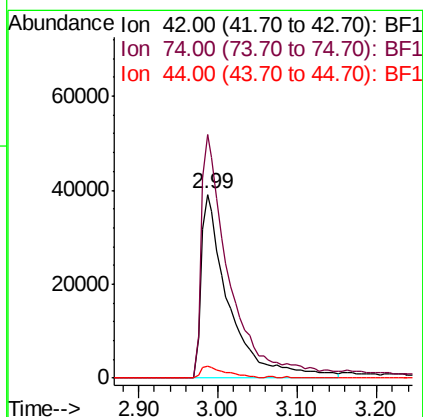
RT: 2.99 min Scan# 153

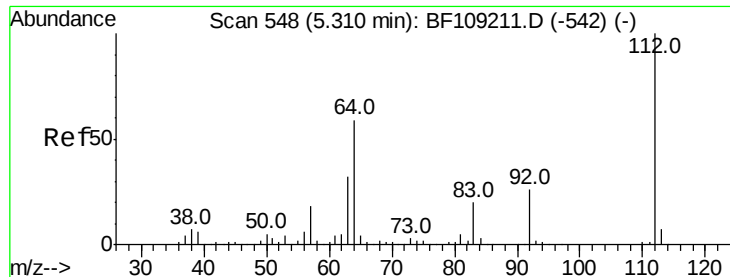
Delta R.T. -0.04 min

Lab File: BF109520.D

Acq: 3 Oct 2018 00:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 95251 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 132.4 | 104.9 | 157.3 |
| 44        | 6.6   | 6.9   | 10.3# |





#5

2-Fluorophenol

Concen: 82.052 ng

RT: 5.31 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF109520.D

Acq: 3 Oct 2018 00:23

Instrument :

BNA\_F

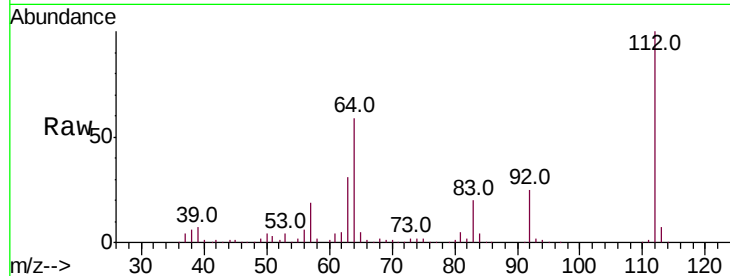
ClientSampleId :

SSTDCCC040

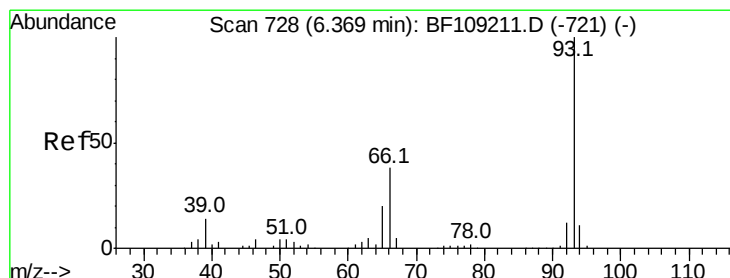
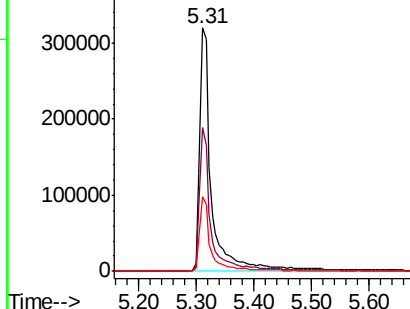
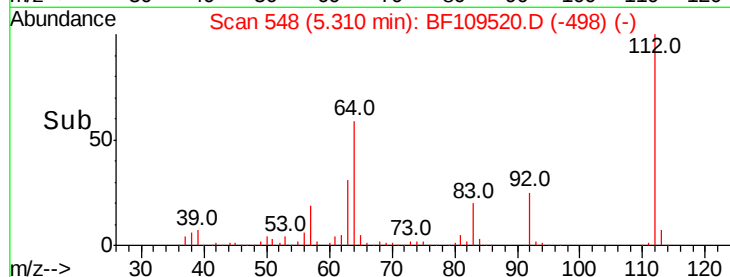
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 468602 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 58.9  | 47.9  | 71.9   |
| 63        | 30.9  | 23.7  | 35.5   |

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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: 38.536 ng

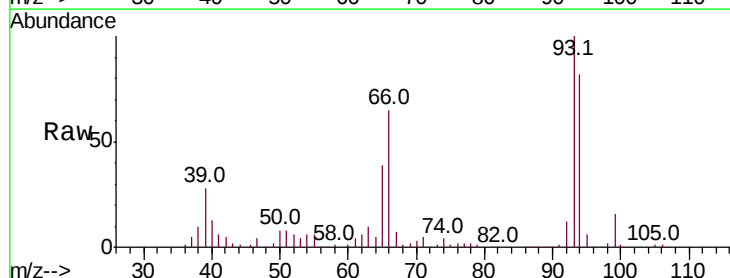
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

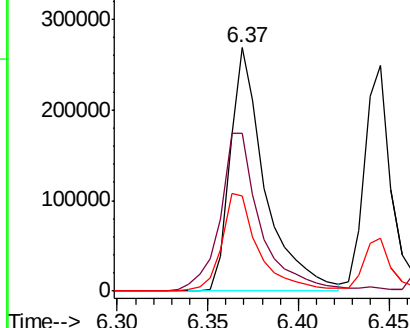
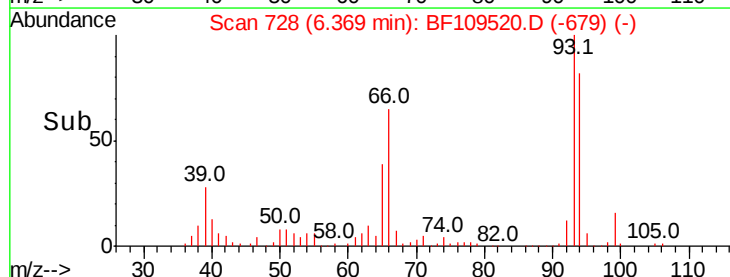
Lab File: BF109520.D

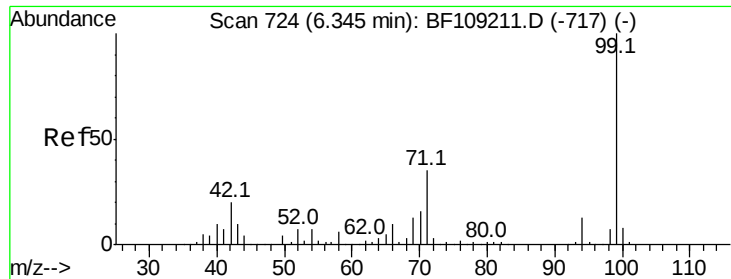
Acq: 3 Oct 2018 00:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 359293 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 64.9  | 32.2  | 48.2#  |
| 65        | 39.3  | 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: 80.603 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109520.D

Acq: 3 Oct 2018 00:23

Instrument :

BNA\_F

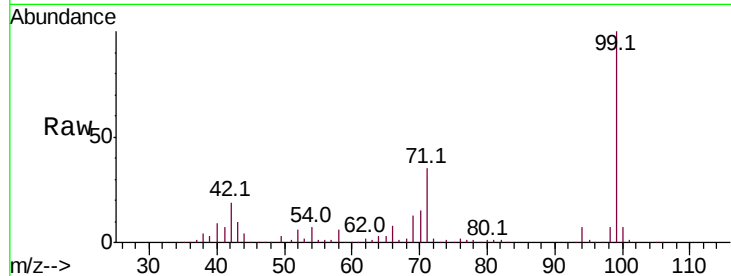
ClientSampleId :

SSTDCCC040

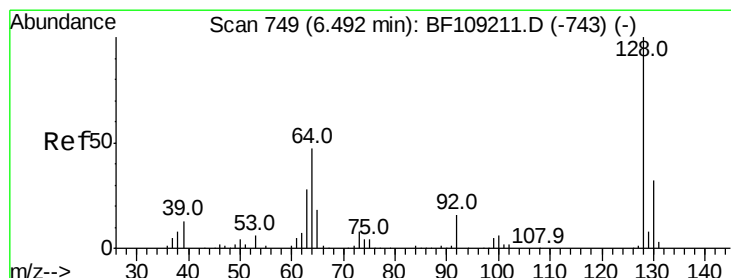
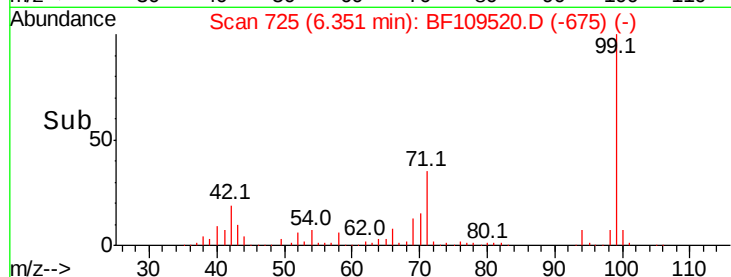
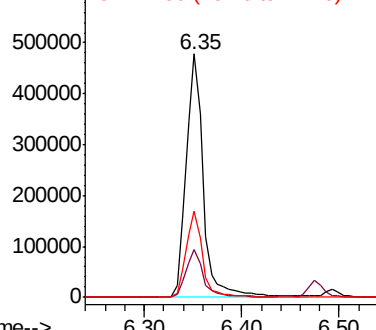
| Tot Ion   | 99    | Resp  | 587396 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.5  | 14.5  | 21.7   |
| 71        | 35.4  | 25.4  | 38.0   |

Manual Integrations  
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Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.211 ng

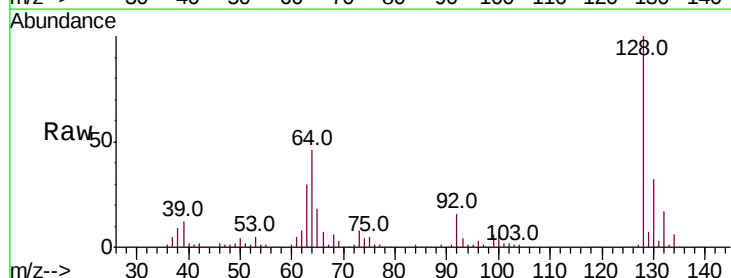
RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

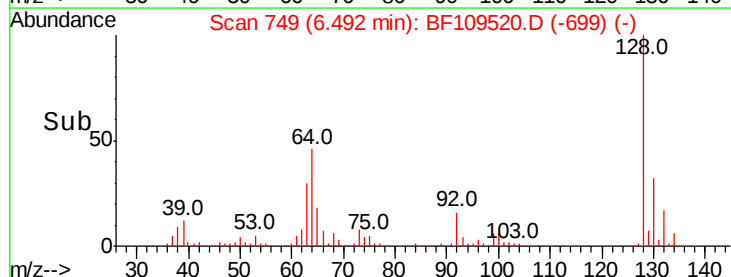
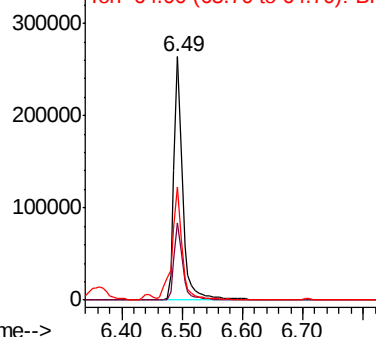
Lab File: BF109520.D

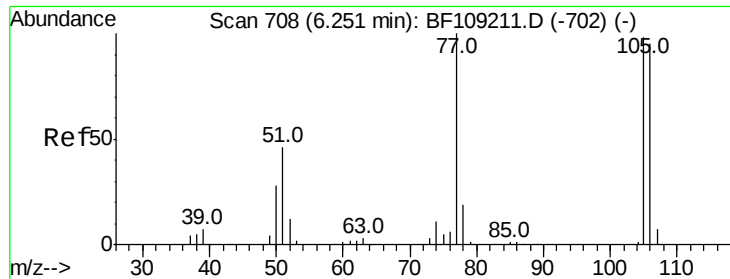
Acq: 3 Oct 2018 00:23

| Tgt Ion   | 128   | Resp  | 268073 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.7  | 13.0  | 53.0   |
| 64        | 46.5  | 29.4  | 69.4   |



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1





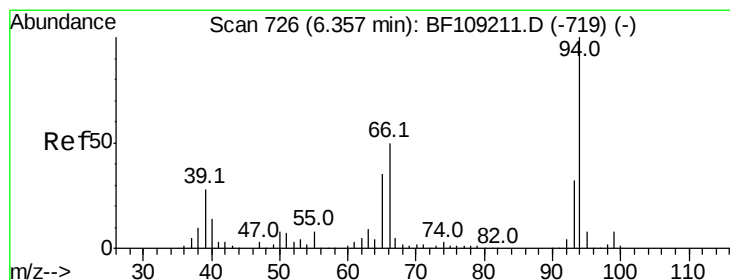
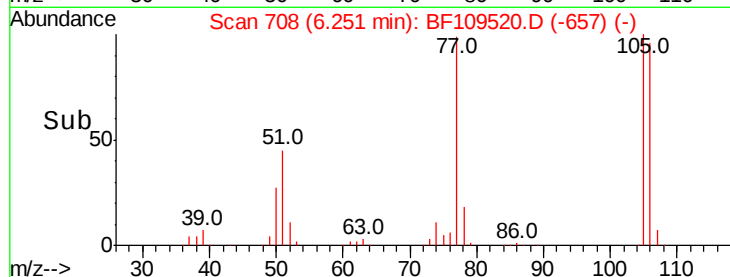
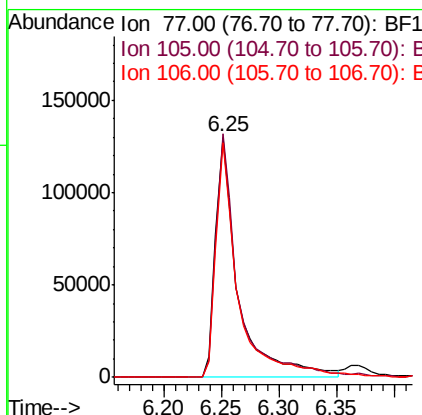
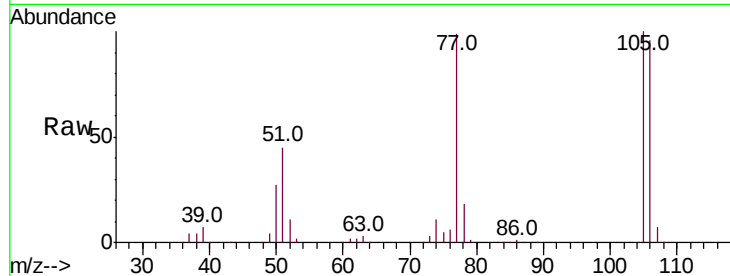
#9  
Benzaldehyde  
Concen: 37.993 ng  
RT: 6.25 min Scan# 708  
Delta R.T. 0.00 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 101.4 | 81.1  | 121.1 |
| 106     | 97.6  | 74.5  | 114.5 |

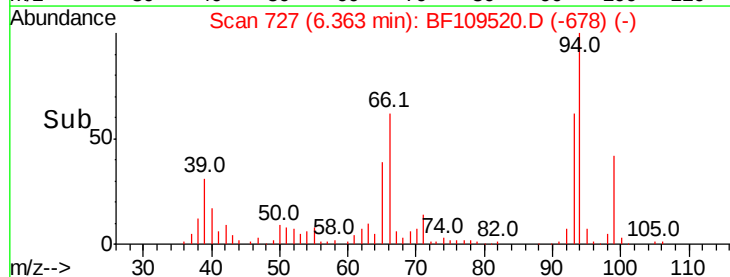
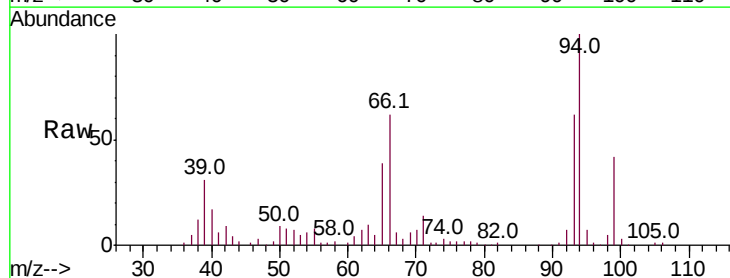
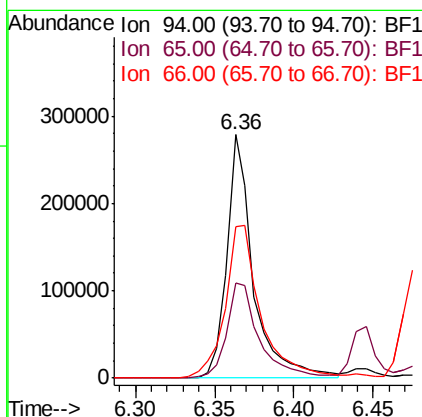
Manual Integrations  
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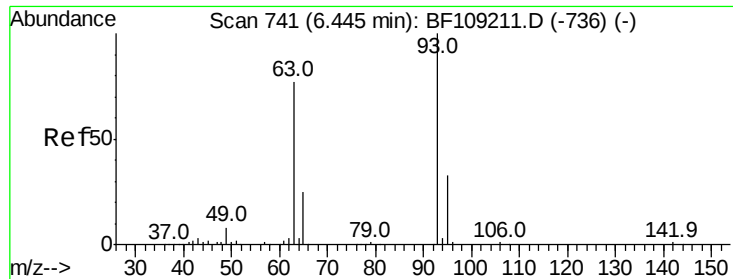
Sohil  
10/3/2018 9:31:12 AM



#10  
Phenol  
Concen: 38.990 ng  
RT: 6.36 min Scan# 727  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 38.8  | 7.9   | 47.9  |
| 66      | 62.2  | 16.2  | 56.2  |





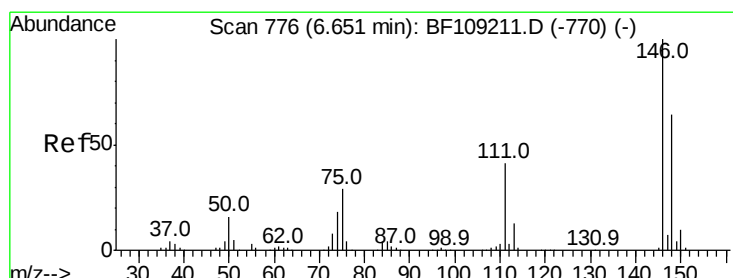
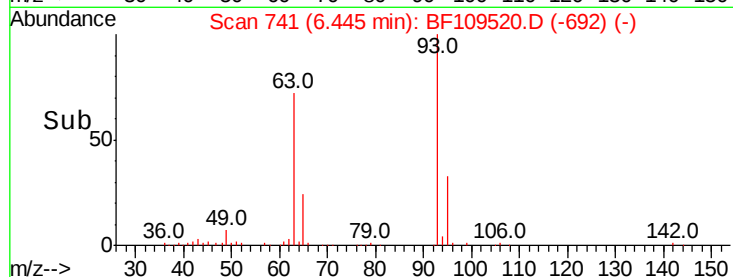
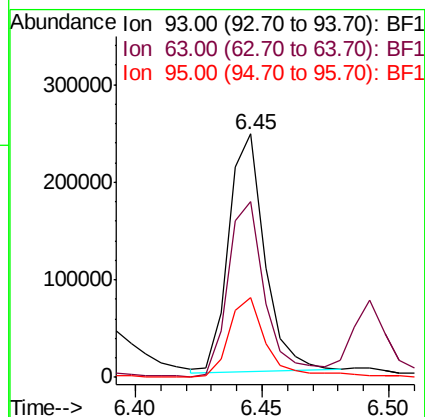
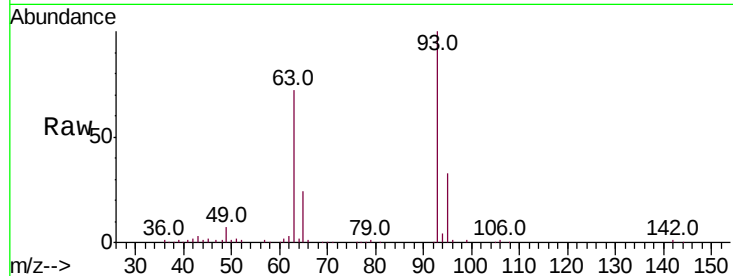
#11  
bis(2-Chloroethyl)ether  
Concen: 37.246 ng  
RT: 6.45 min Scan# 741  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 72.1  | 58.6  | 98.6  |
| 95      | 32.6  | 11.8  | 51.8  |

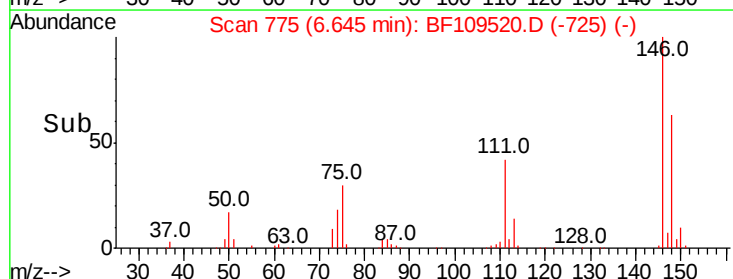
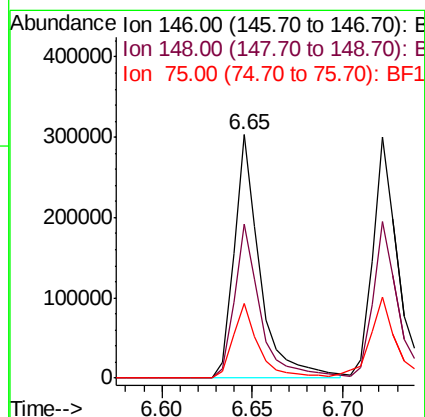
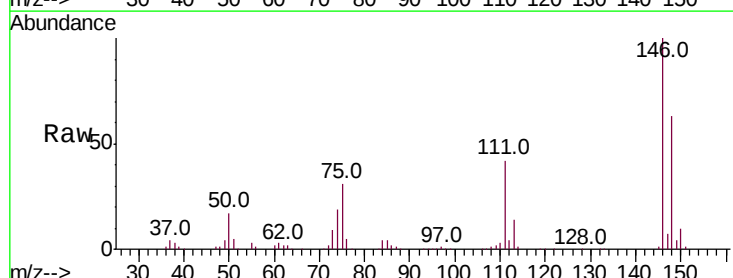
Manual Integrations  
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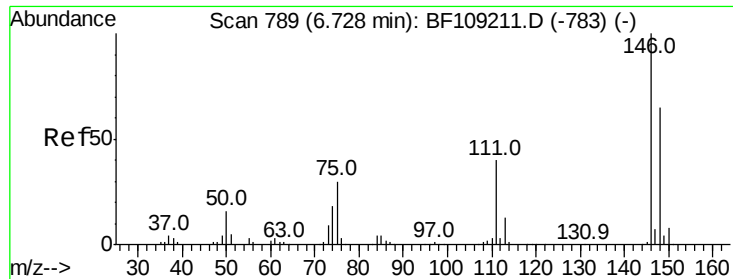
Sohil  
10/3/2018 9:31:12 AM



#12  
1,3-Dichlorobenzene  
Concen: 41.000 ng  
RT: 6.65 min Scan# 775  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 51.8  | 77.8  |
| 75      | 30.7  | 24.2  | 36.4  |





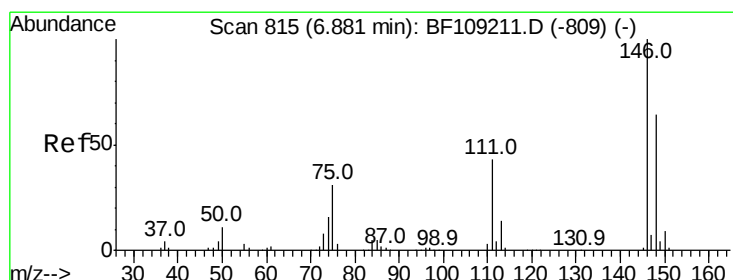
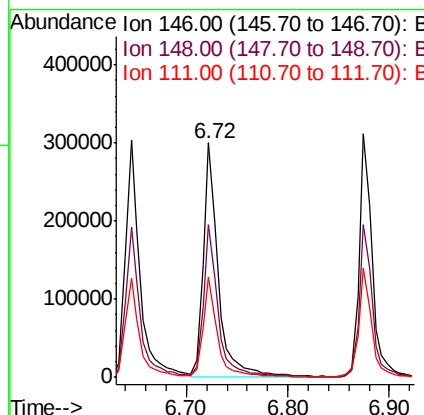
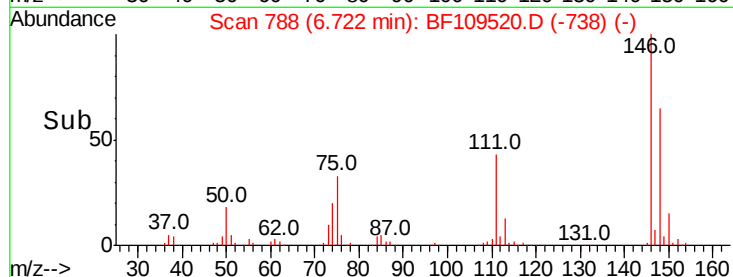
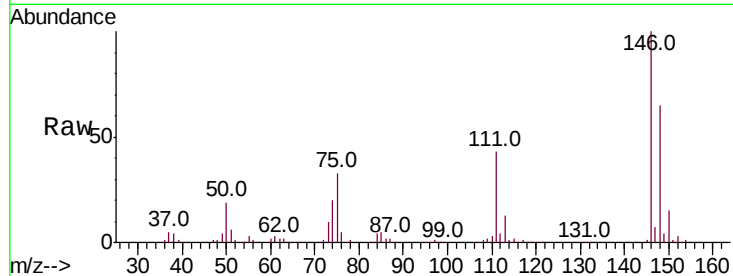
#13  
1,4-Dichlorobenzene  
Concen: 42.094 ng  
RT: 6.72 min Scan# 788  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 50.8  | 76.2  |
| 111     | 42.6  | 34.2  | 51.2  |

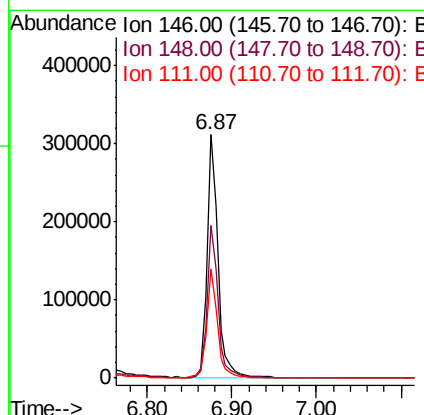
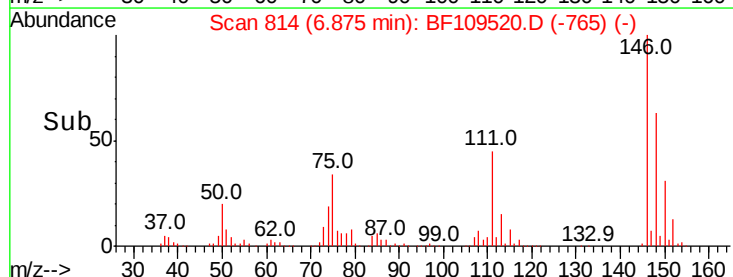
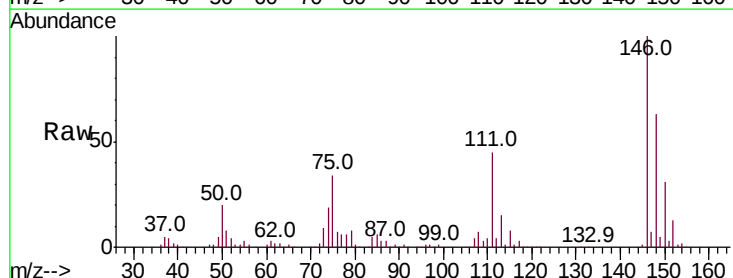
Manual Integrations  
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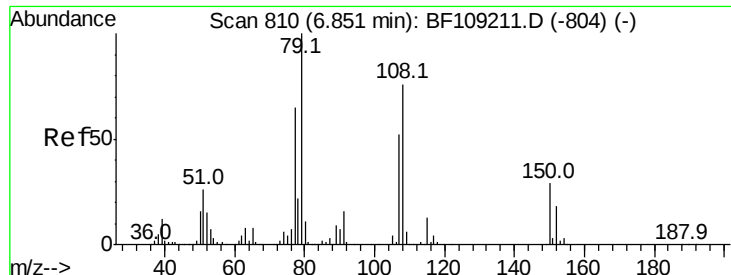
Sohil  
10/3/2018 9:31:12 AM



#14  
1,2-Dichlorobenzene  
Concen: 40.867 ng  
RT: 6.87 min Scan# 814  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.8  | 50.6  | 75.8  |
| 111     | 44.7  | 36.0  | 54.0  |





#15

Benzyl Alcohol

Concen: 39.302 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109520.D

Acq: 3 Oct 2018 00:23

Instrument :

BNA\_F

ClientSampled :

SSTDCCC040

Tot Ion: 79 Resp: 219235

Ion Ratio Lower Upper

79 100

108 73.7 65.1 97.7

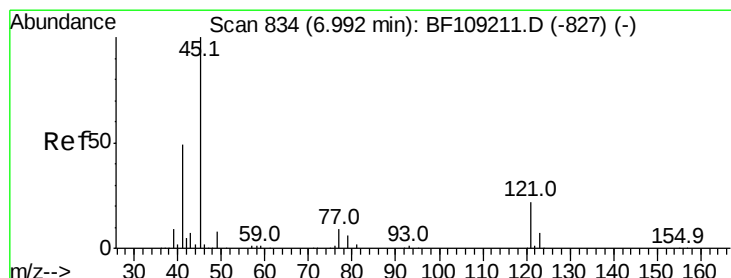
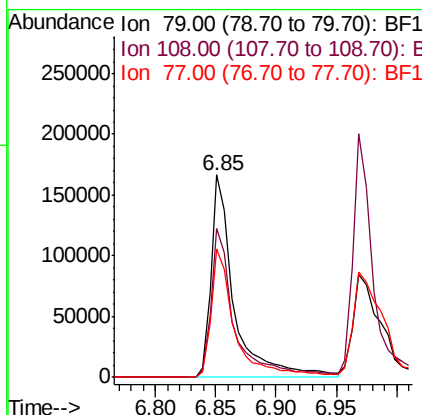
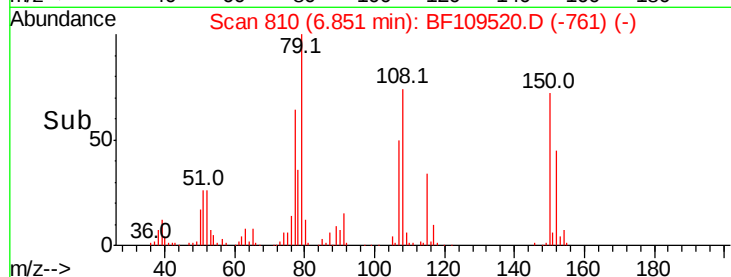
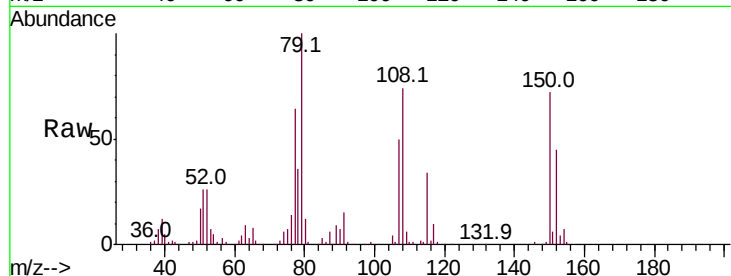
77 63.6 50.6 75.8

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.301 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF109520.D

Acq: 3 Oct 2018 00:23

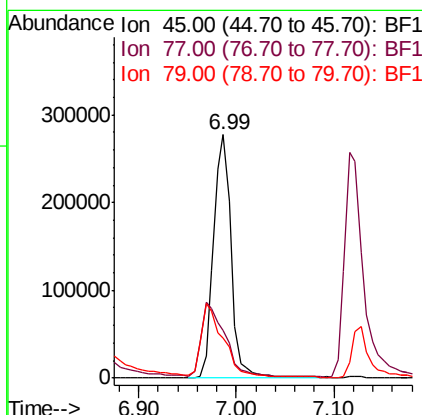
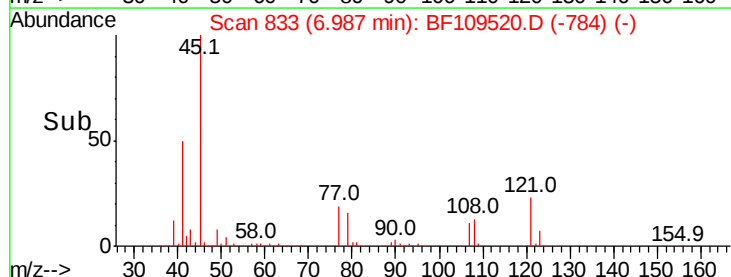
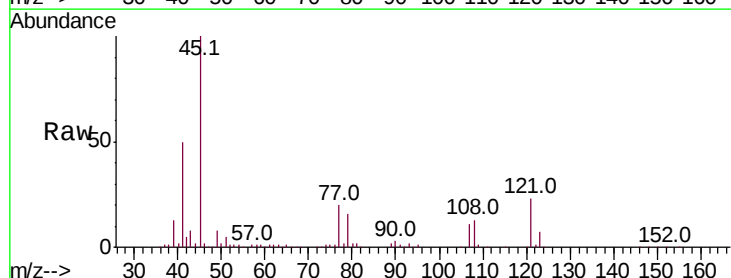
Tgt Ion: 45 Resp: 350833

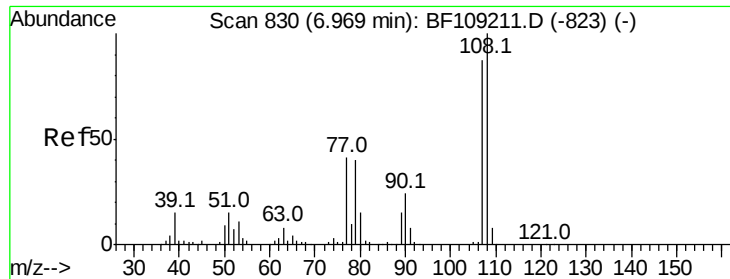
Ion Ratio Lower Upper

45 100

77 19.8 0.0 32.9

79 16.3 0.0 29.6





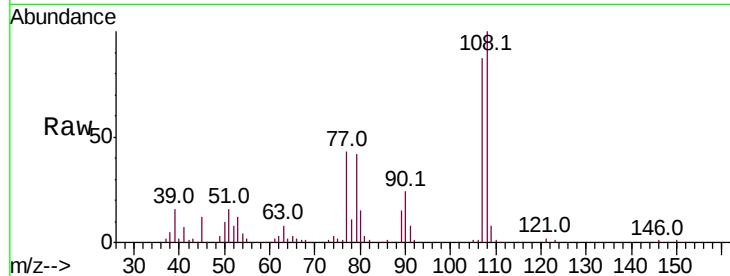
#17  
2-Methylphenol  
Concen: 39.625 ng  
RT: 6.97 min Scan# 830  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

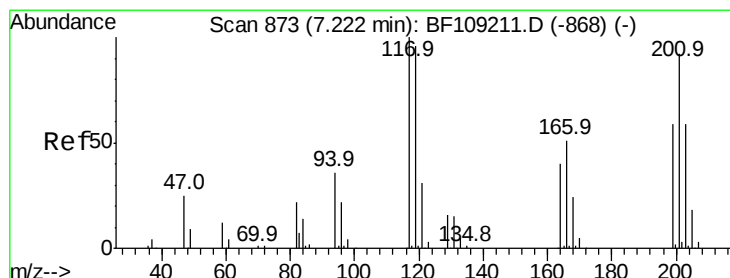
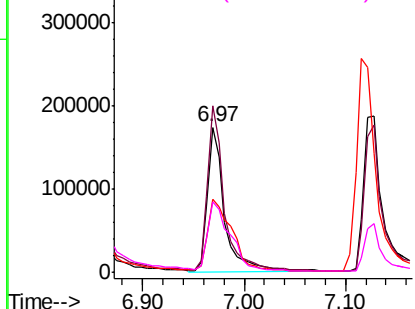
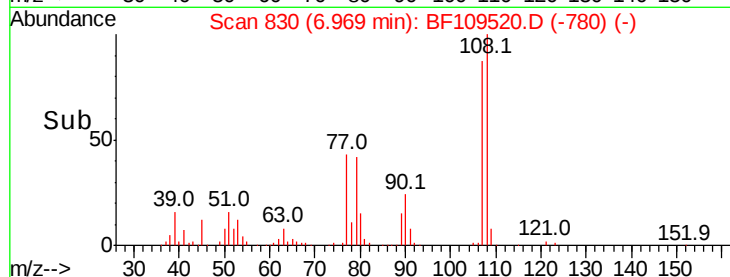
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 203622 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 115.0 | 91.7  | 137.5  |
| 77        | 50.0  | 33.8  | 50.8   |
| 79        | 48.6  | 33.8  | 50.8   |

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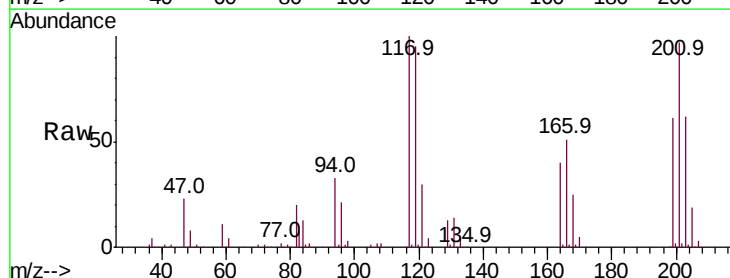


Abundance Ion 107.00 (106.70 to 107.70): E  
400000  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

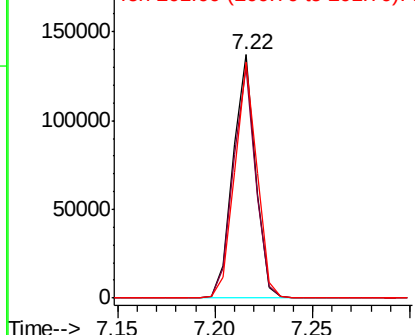
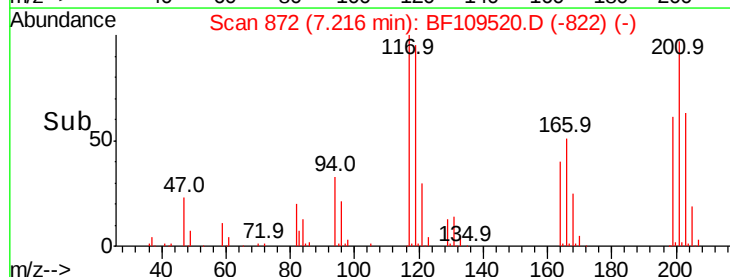


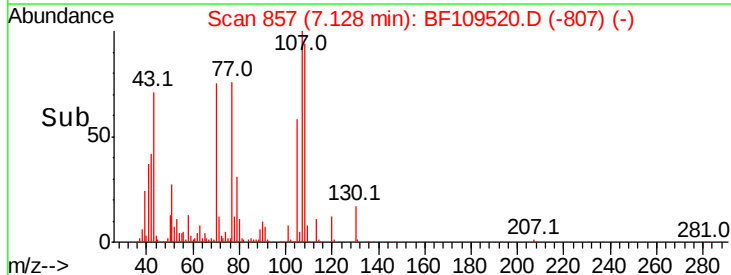
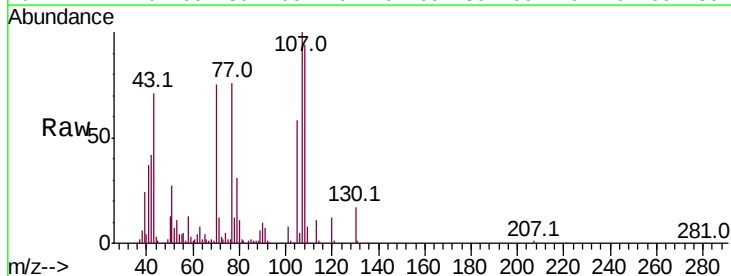
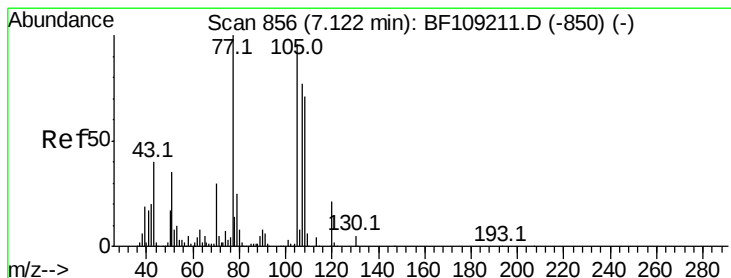
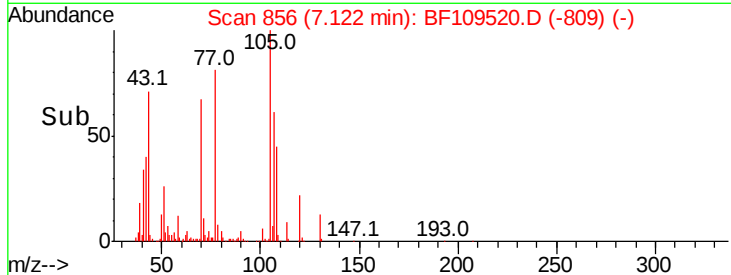
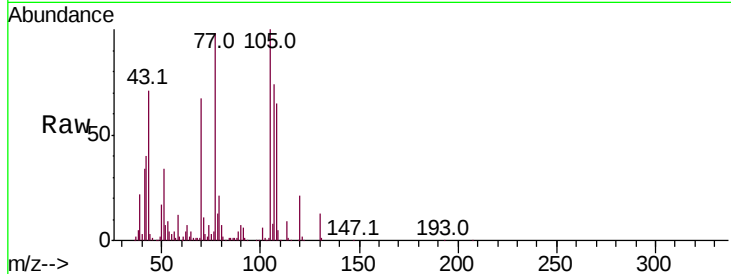
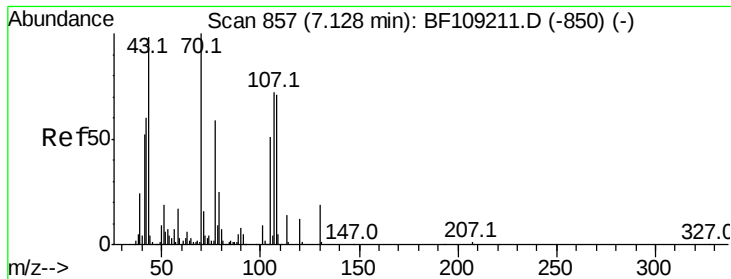
#18  
Hexachloroethane  
Concen: 41.987 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 108970 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 94.7  | 75.8  | 113.8  |
| 201       | 97.1  | 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





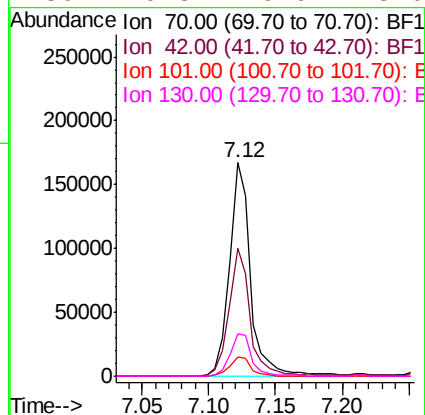
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.325 ng  
RT: 7.12 min Scan# 856  
Delta R.T. -0.02 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 60.2 | 47.5  | 71.3  |       |
| 101     | 9.1  | 7.4   | 11.2  |       |
| 130     | 19.8 | 16.6  | 25.0  |       |

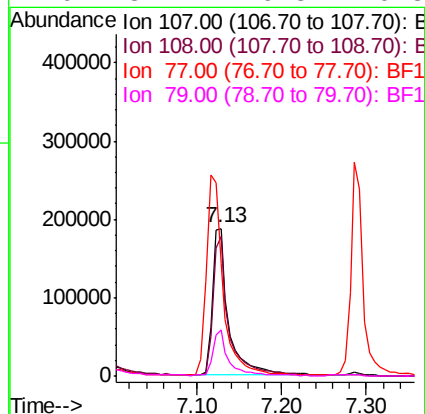
Manual Integrations  
APPROVED

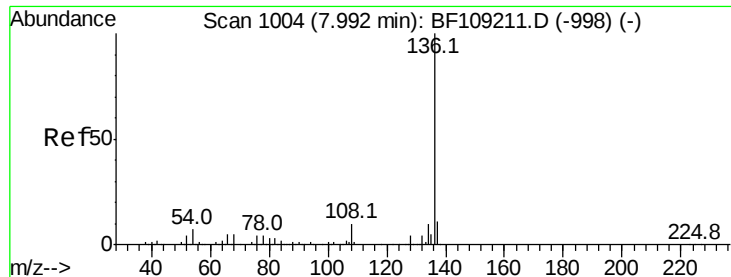
Sohil  
10/3/2018 9:31:12 AM



#20  
3+4-Methylphenols  
Concen: 41.182 ng  
RT: 7.13 min Scan# 857  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 94.3 | 68.2  | 108.2 |       |
| 77      | 76.4 | 26.7  | 66.7# |       |
| 79      | 31.4 | 6.3   | 46.3  |       |





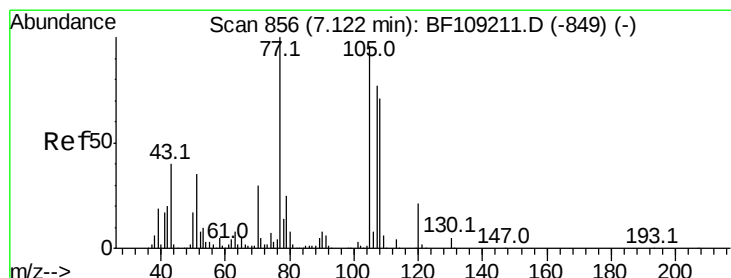
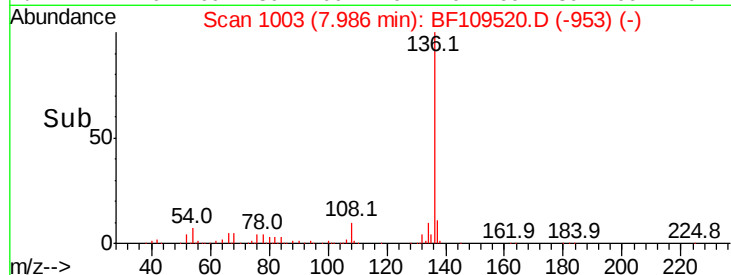
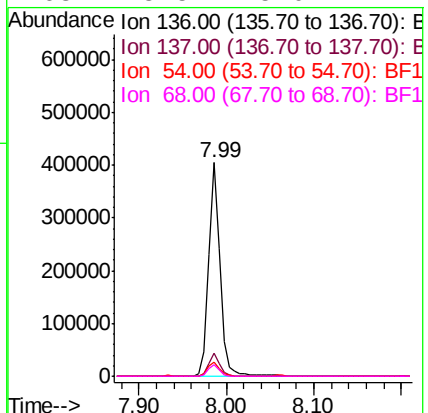
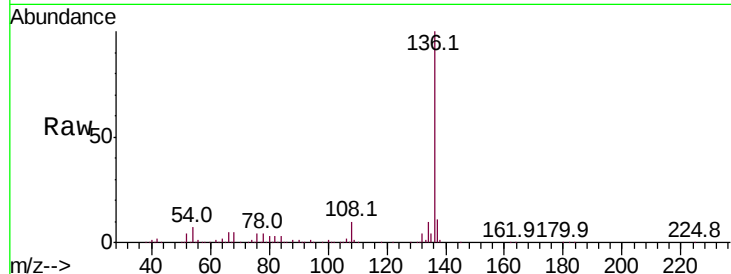
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.99 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.8  | 8.9  | 13.3  |       |
| 54      | 6.8   | 6.6  | 9.8   |       |
| 68      | 5.5   | 5.0  | 7.4   |       |

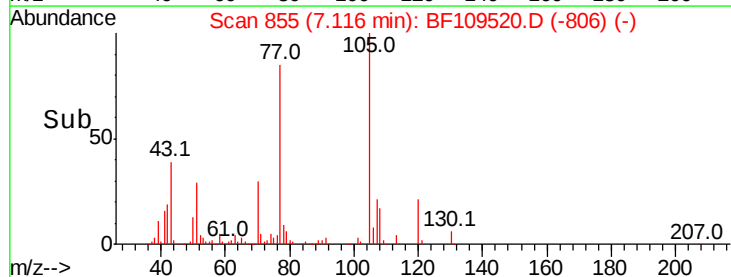
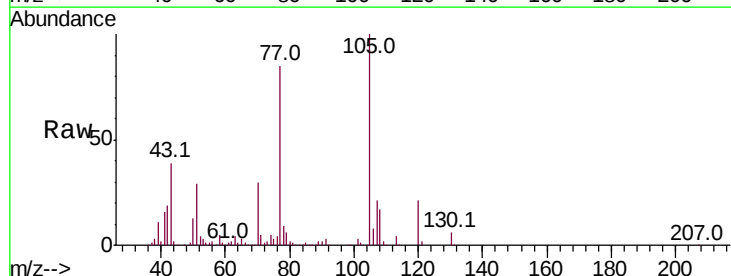
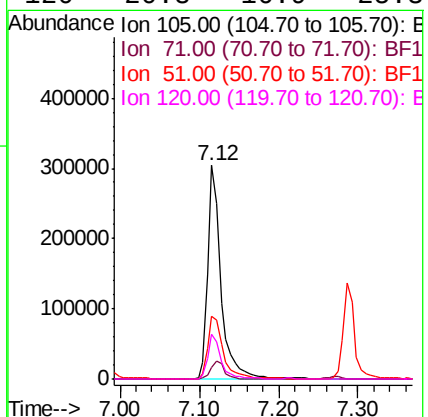
Manual Integrations  
APPROVED

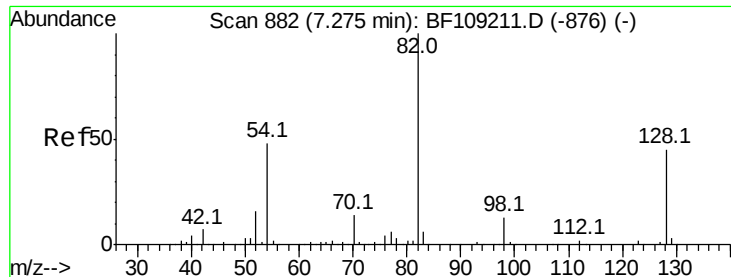
Sohil  
10/3/2018 9:31:12 AM



#22  
Acetophenone  
Concen: 41.787 ng  
RT: 7.12 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 5.2   | 4.4  | 6.6   |       |
| 51      | 29.4  | 22.3 | 33.5  |       |
| 120     | 20.8  | 16.9 | 25.3  |       |





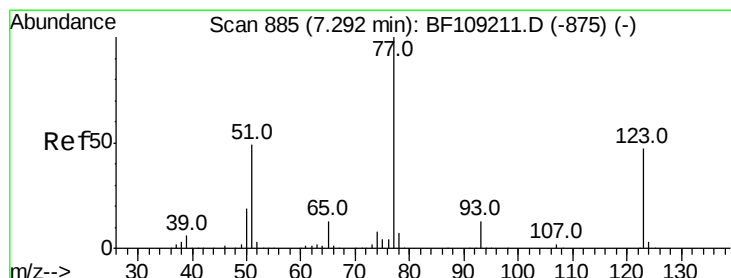
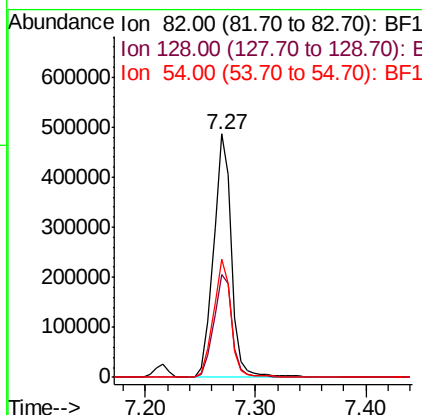
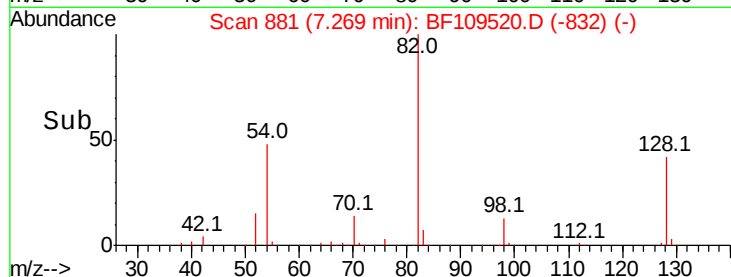
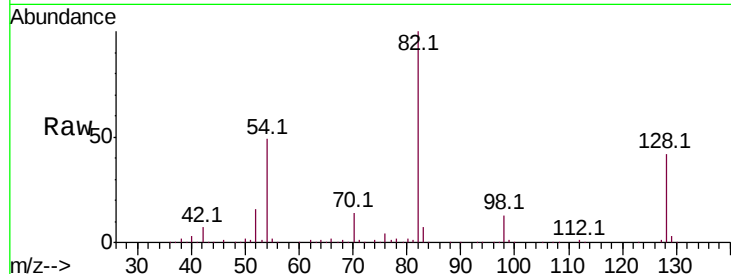
#23  
 Nitrobenzene-d5  
 Concen: 86.255 ng  
 RT: 7.27 min Scan# 881  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.5  | 36.1  | 54.1  |
| 54      | 48.7  | 41.4  | 62.2  |

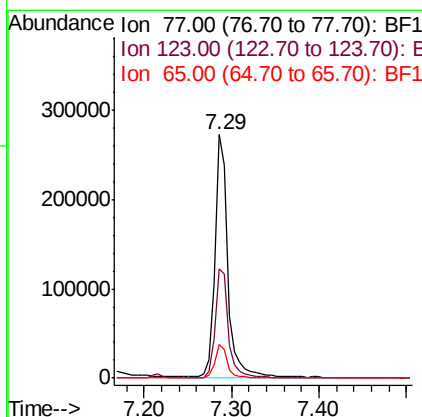
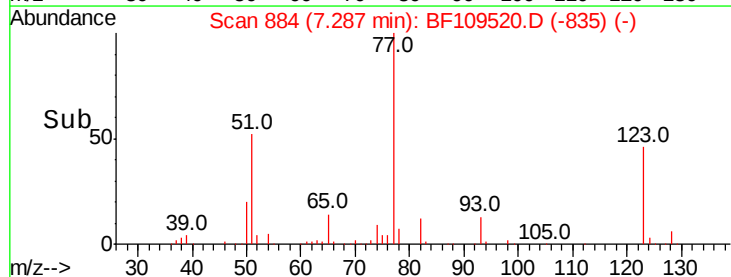
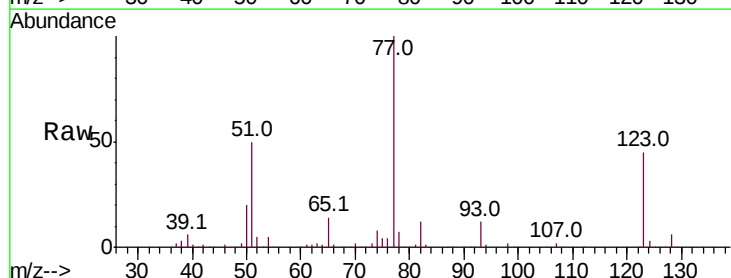
Manual Integrations  
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#24  
 Nitrobenzene  
 Concen: 42.015 ng  
 RT: 7.29 min Scan# 884  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 44.9  | 37.9  | 56.9  |
| 65      | 13.6  | 11.0  | 16.4  |





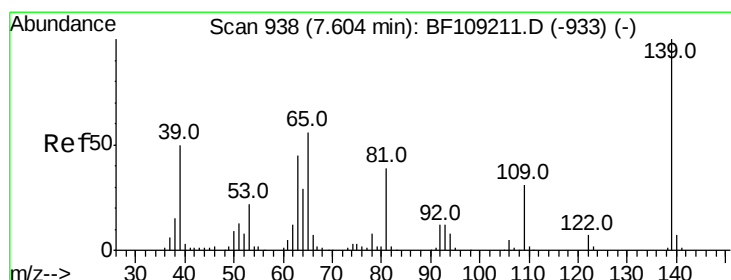
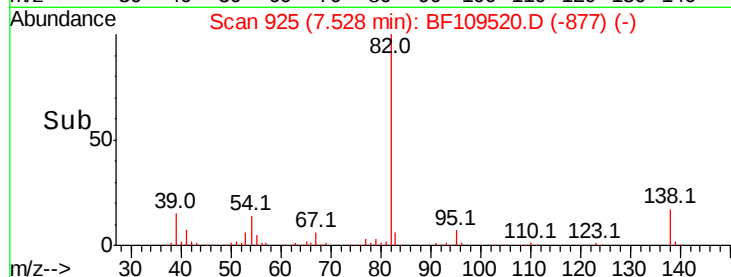
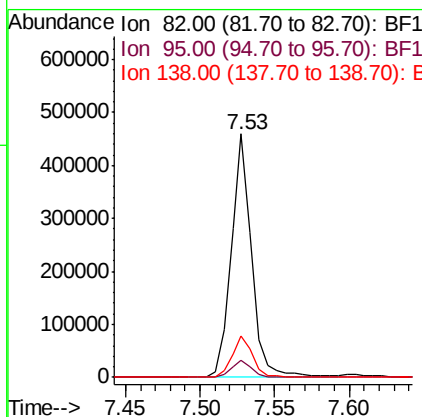
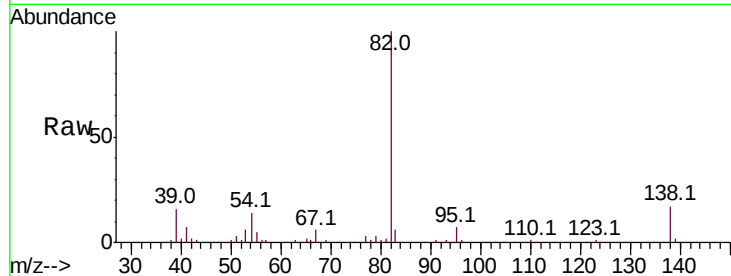
#25  
Isophorone  
Concen: 39.089 ng  
RT: 7.53 min Scan# 925  
Delta R.T. -0.02 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.1   | 5.2   | 7.8   |
| 138     | 17.1  | 14.9  | 22.3  |

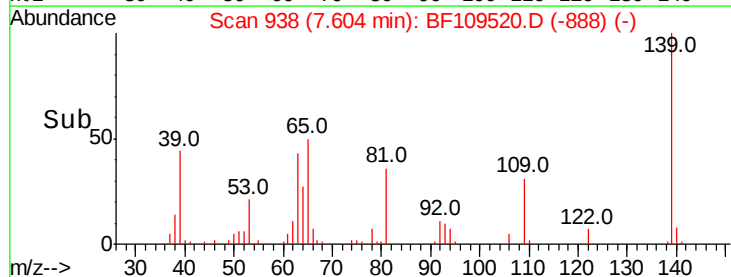
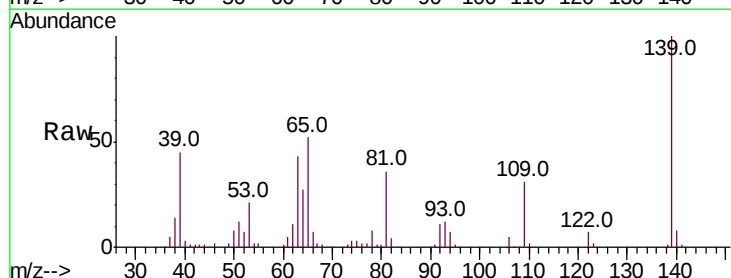
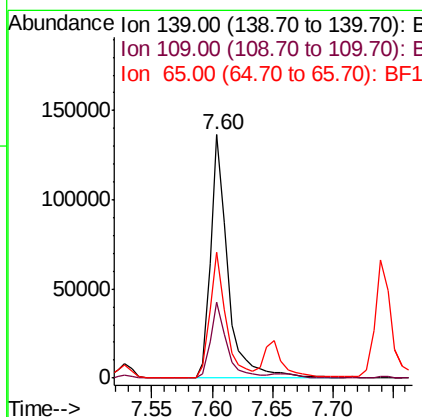
Manual Integrations  
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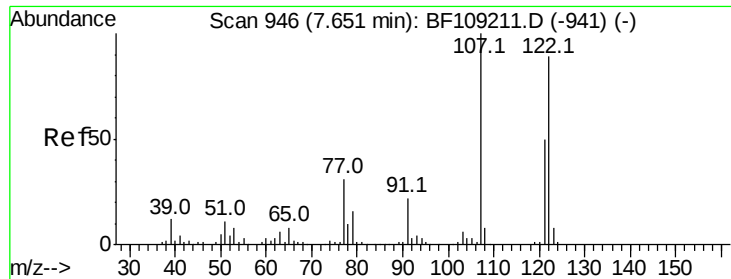
Sohil  
10/3/2018 9:31:12 AM



#26  
2-Nitrophenol  
Concen: 51.083 ng  
RT: 7.60 min Scan# 938  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 31.1  | 22.7  | 34.1  |
| 65      | 51.7  | 40.5  | 60.7  |





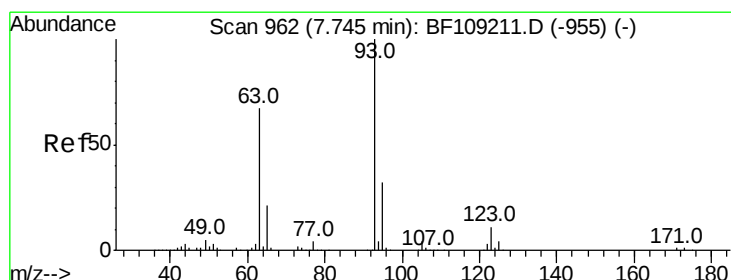
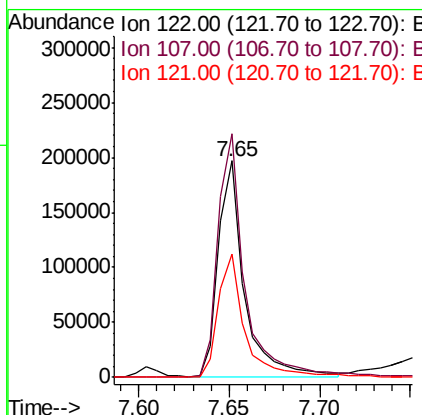
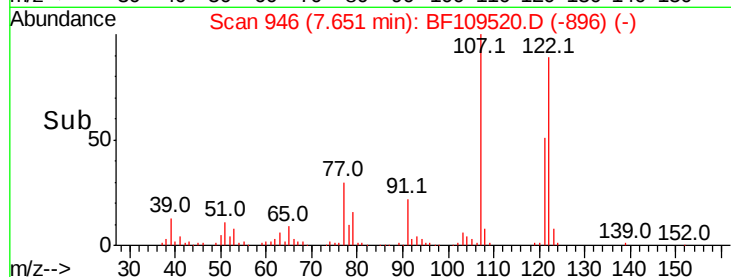
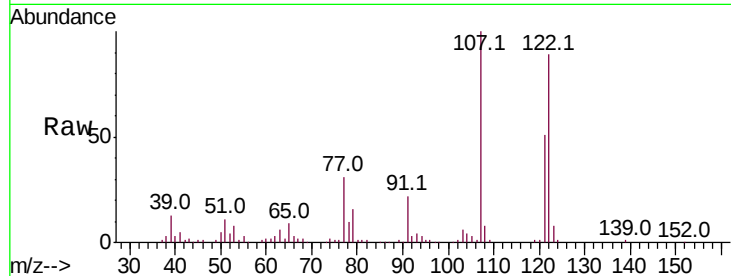
#27  
2,4-Dimethylphenol  
Concen: 39.941 ng  
RT: 7.65 min Scan# 946  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 196882 |       |       |
| 107     | 112.4 | 91.2   | 136.8 |       |
| 121     | 57.1  | 47.2   | 70.8  |       |

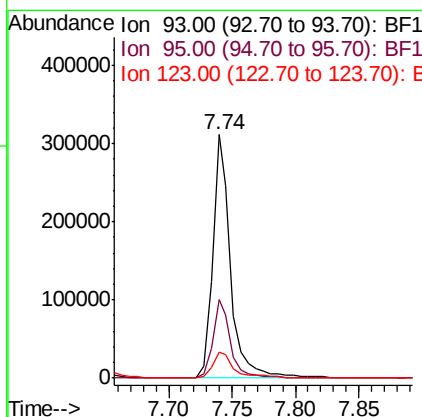
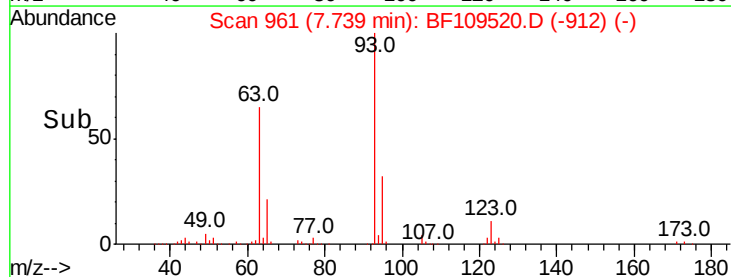
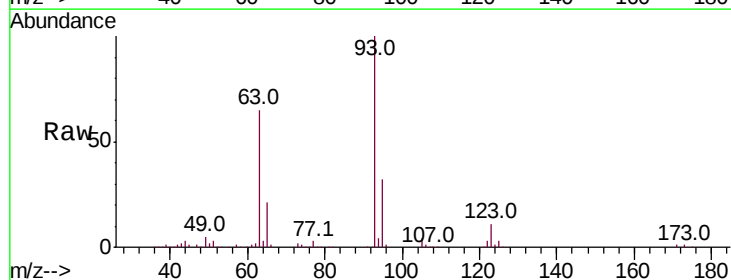
Manual Integrations  
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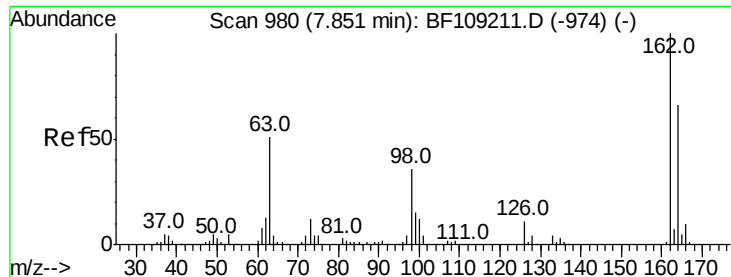
Sohil  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 41.244 ng  
RT: 7.74 min Scan# 961  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 308867 |       |       |
| 95      | 32.1  | 26.3   | 39.5  |       |
| 123     | 10.8  | 9.8    | 14.6  |       |





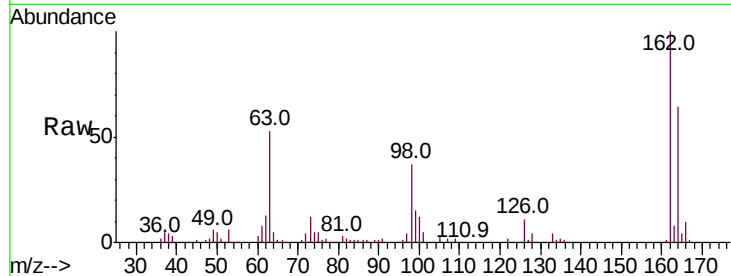
#29  
2,4-Dichlorophenol  
Concen: 42.575 ng  
RT: 7.85 min Scan# 980  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

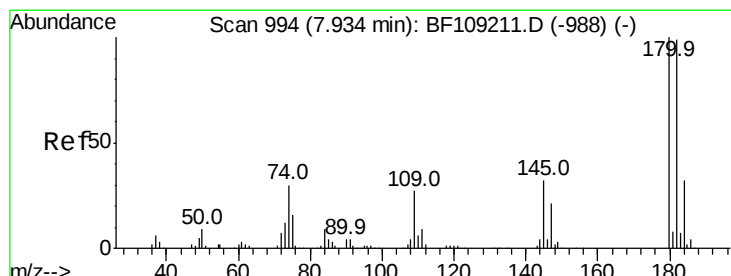
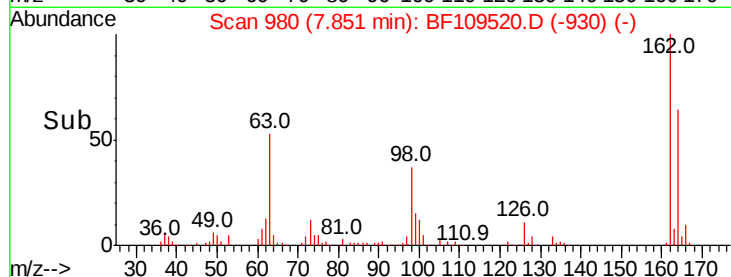
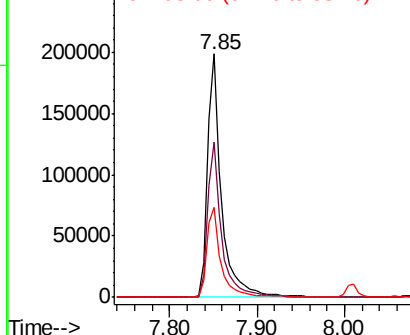
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 220498 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.8  | 42.7  | 82.7   |
| 98        | 36.8  | 18.1  | 58.1   |

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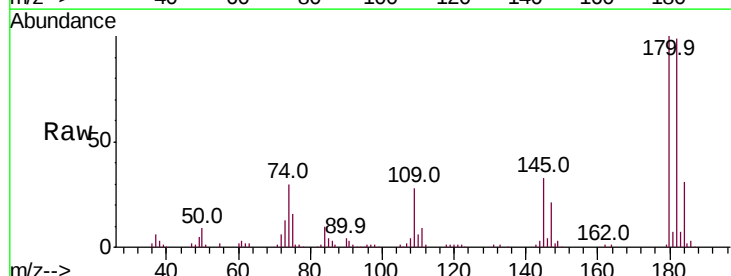


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

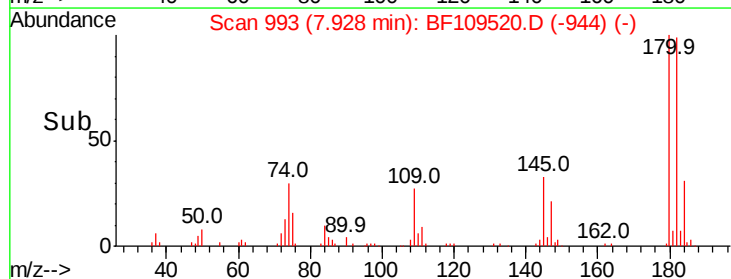
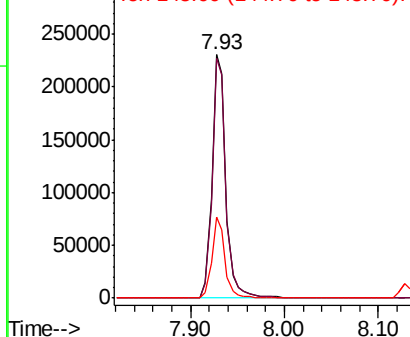


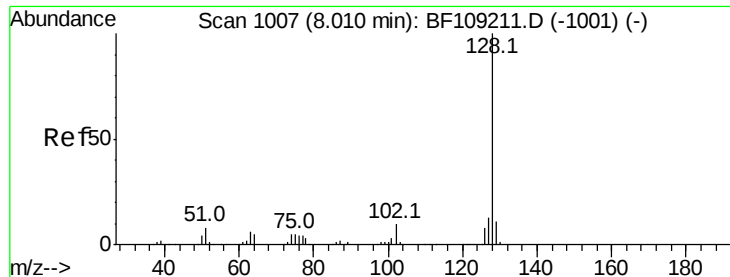
#30  
1,2,4-Trichlorobenzene  
Concen: 41.555 ng  
RT: 7.93 min Scan# 993  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 240488 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 98.7  | 76.8  | 115.2  |
| 145       | 33.4  | 26.5  | 39.7   |



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





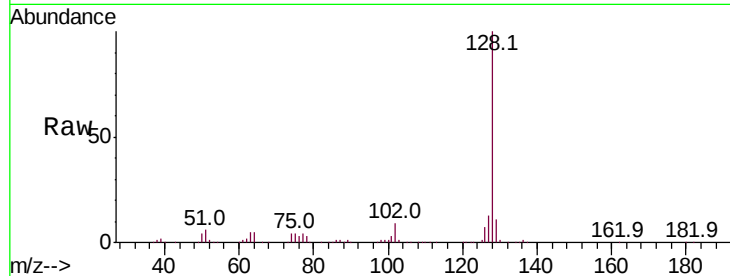
#31  
Naphthalene  
Concen: 39.961 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 692523 |       |       |
| 129     | 11.1  |        | 8.8   | 13.2  |
| 127     | 13.0  |        | 10.9  | 16.3  |

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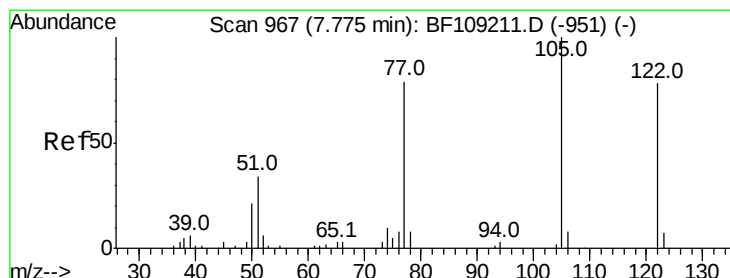
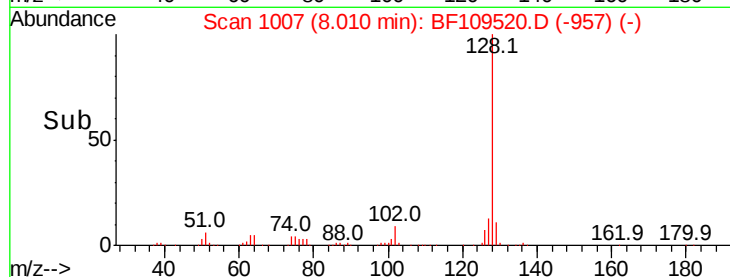
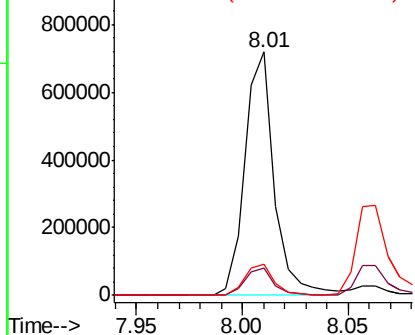


Abundance

Ion 128.00 (127.70 to 128.70): E

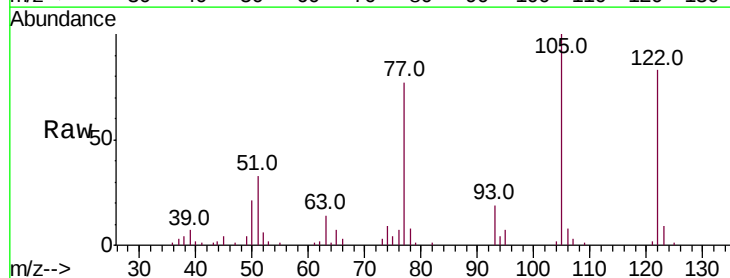
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 29.132 ng m  
RT: 7.77 min Scan# 967  
Delta R.T. -0.05 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 87157 |       |       |
| 105     | 121.1 |       | 101.1 | 141.1 |
| 77      | 93.0  |       | 70.7  | 110.7 |

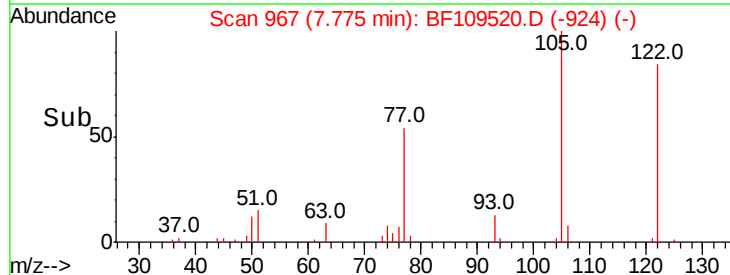
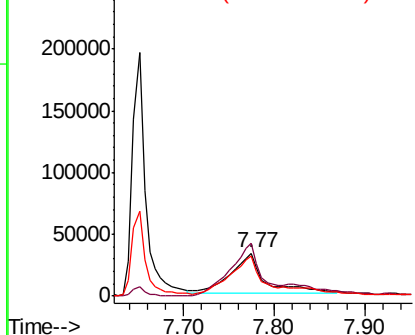


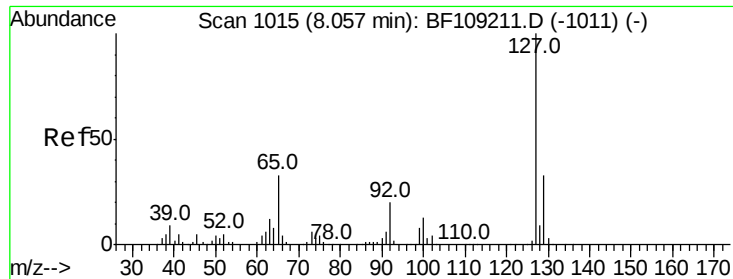
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





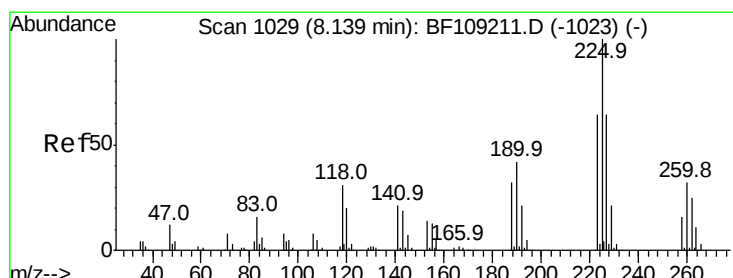
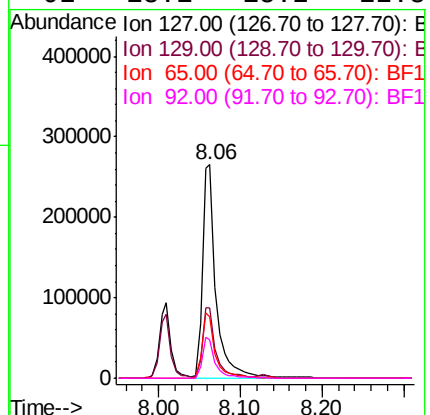
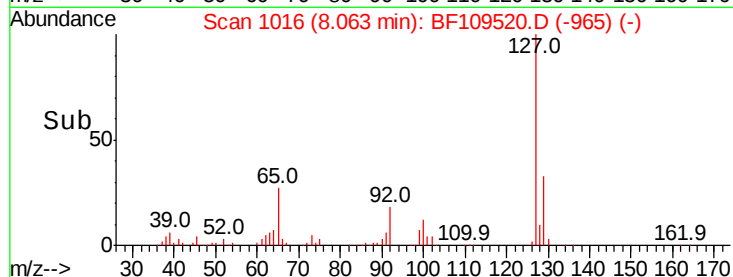
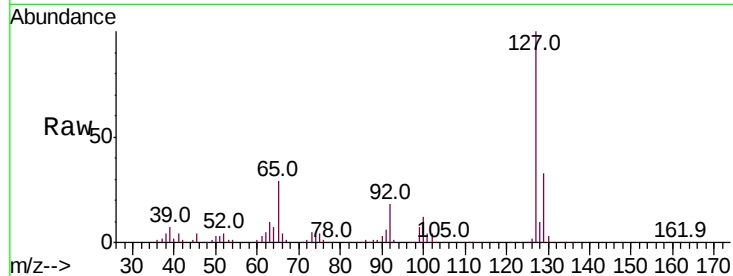
#33  
4-Chloroaniline  
Concen: 41.089 ng  
RT: 8.06 min Scan# 1016  
Delta R.T. 0.00 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.9 | 25.9  | 38.9 |       |       |
| 65      | 28.6 | 25.0  | 37.4 |       |       |
| 92      | 18.1 | 15.2  | 22.8 |       |       |

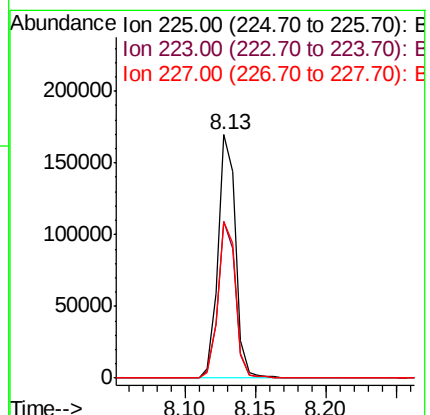
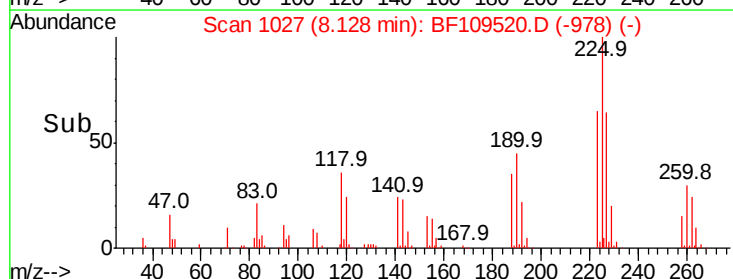
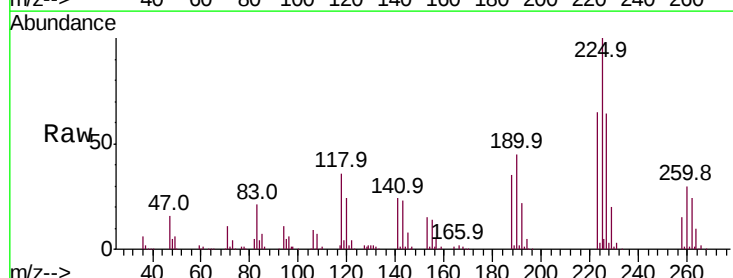
Manual Integrations  
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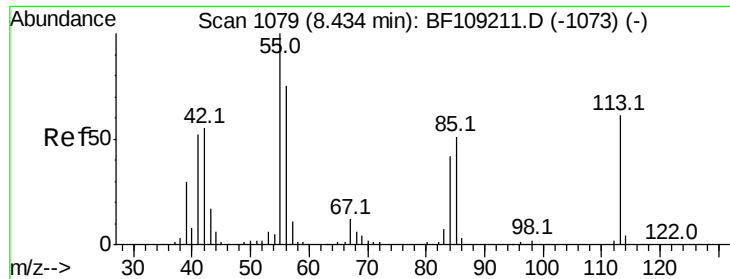
Sohil  
10/3/2018 9:31:12 AM



#34  
Hexachlorobutadiene  
Concen: 42.258 ng  
RT: 8.13 min Scan# 1027  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 64.5 | 50.6  | 76.0 |       |       |
| 227     | 64.2 | 51.9  | 77.9 |       |       |





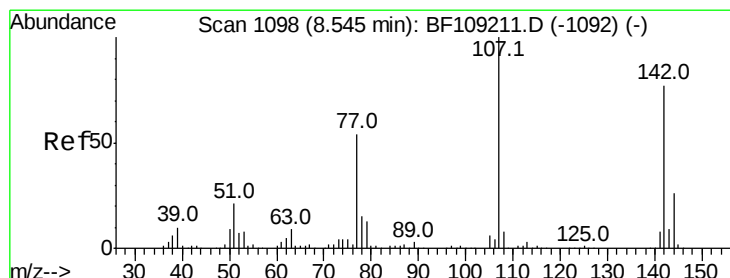
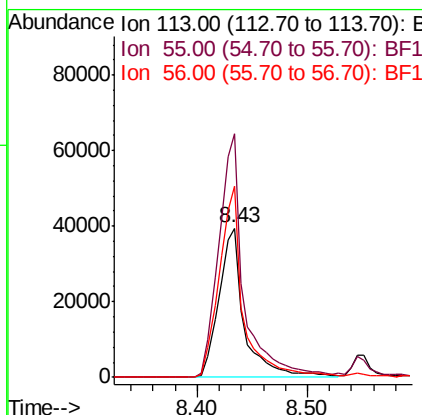
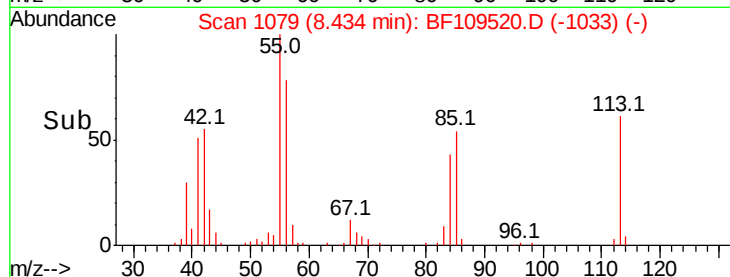
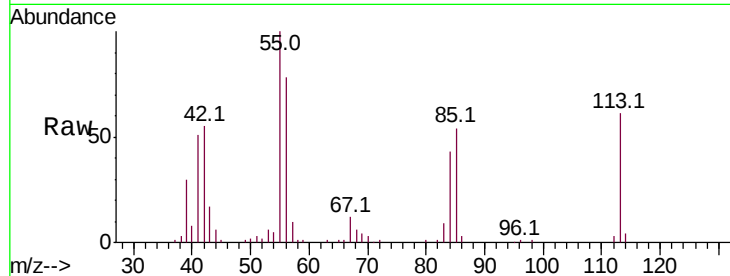
#35  
 Caprolactam  
 Concen: 38.166 ng  
 RT: 8.43 min Scan# 1079  
 Delta R.T. -0.03 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 163.5 | 163.3 | 203.3 |
| 56      | 128.2 | 115.7 | 155.7 |

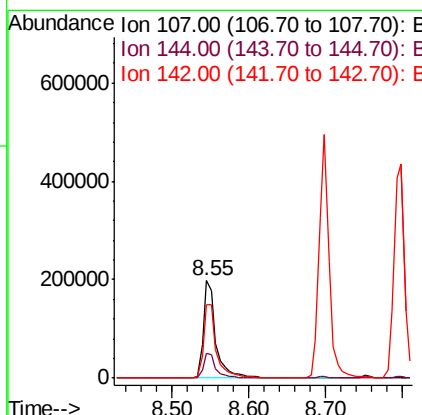
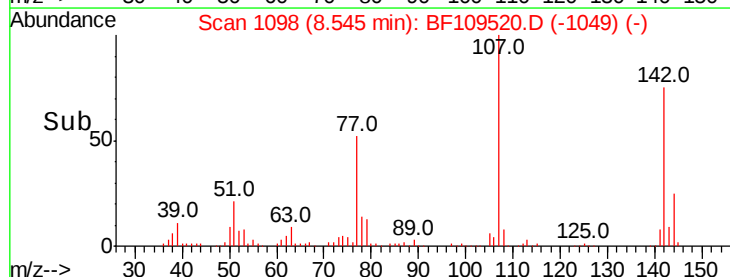
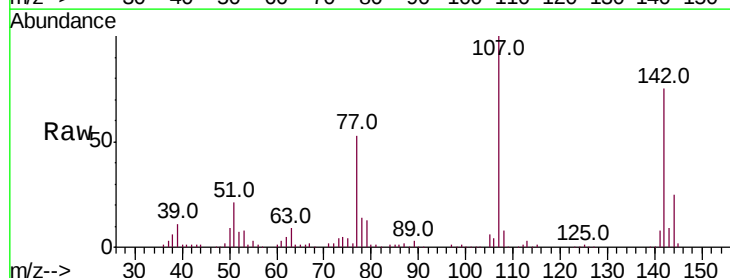
Manual Integrations  
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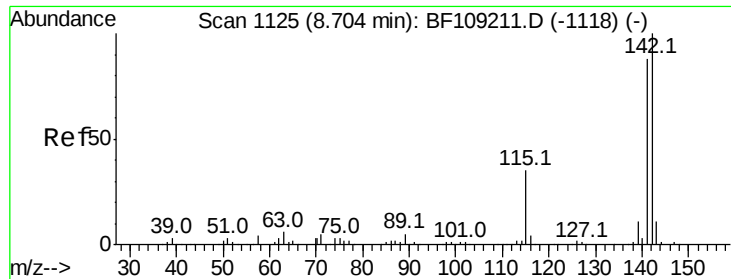
Sohil  
 10/3/2018 9:31:12 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.812 ng  
 RT: 8.55 min Scan# 1098  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.2  | 20.5  | 30.7  |
| 142     | 74.9  | 62.0  | 93.0  |





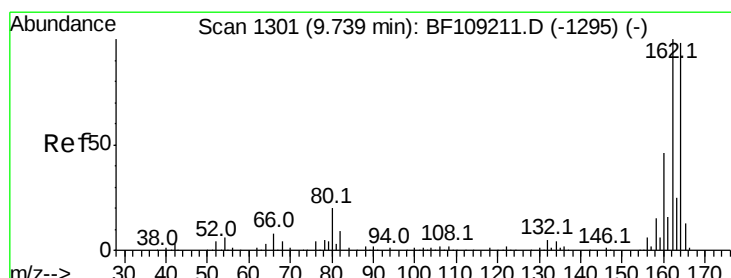
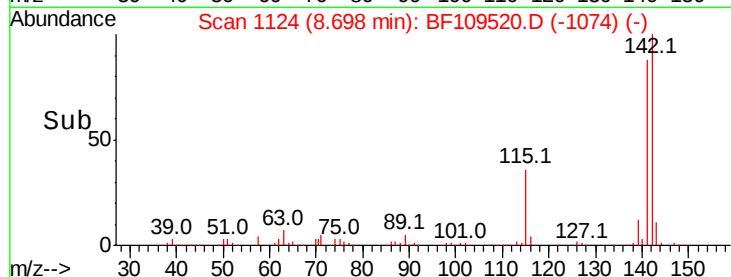
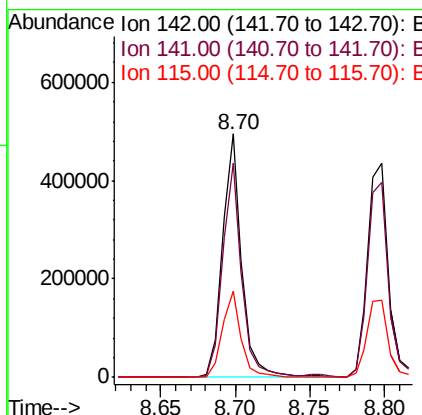
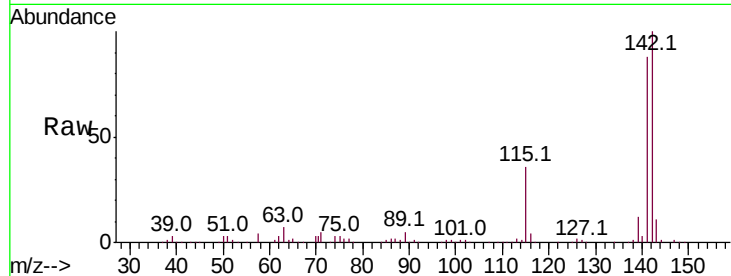
#37  
2-Methylnaphthalene  
Concen: 40.177 ng  
RT: 8.70 min Scan# 1124  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.1  | 70.8  | 106.2 |
| 115     | 35.5  | 26.1  | 39.1  |

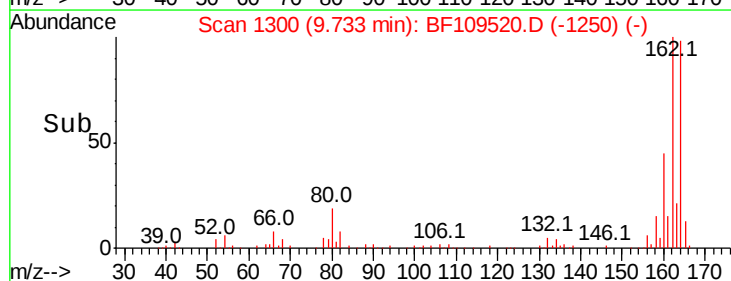
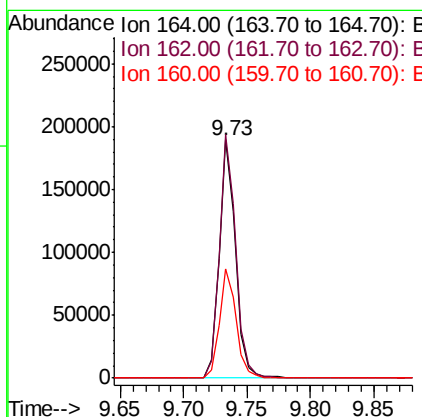
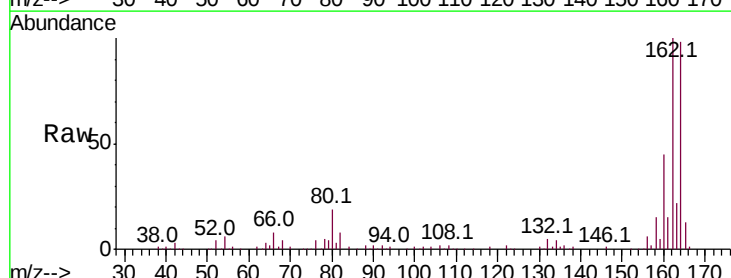
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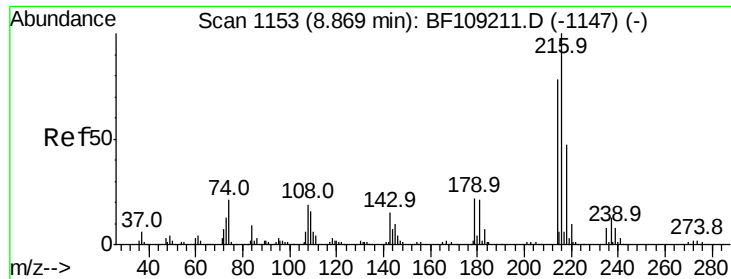
Sohil  
10/3/2018 9:31:12 AM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.73 min Scan# 1300  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.2 | 86.1  | 129.1 |
| 160     | 46.1  | 38.3  | 57.5  |





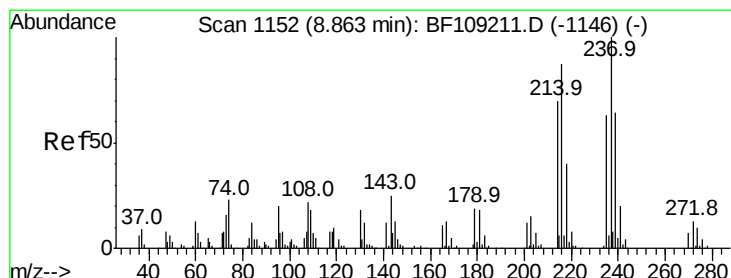
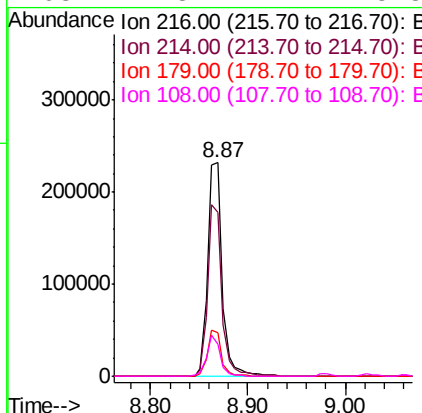
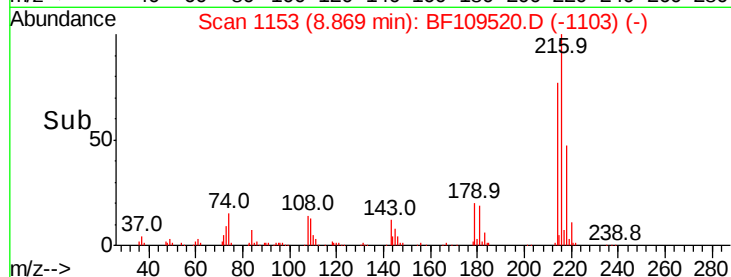
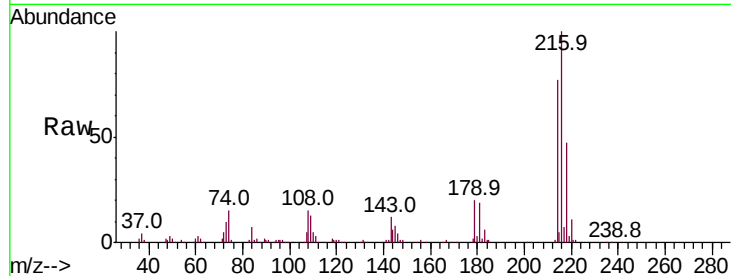
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 44.089 ng  
 RT: 8.87 min Scan# 1153  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 240210 |       |       |
| 214     | 78.7  | 63.0   | 94.4  |       |
| 179     | 20.6  | 18.1   | 27.1  |       |
| 108     | 17.8  | 17.2   | 25.8  |       |

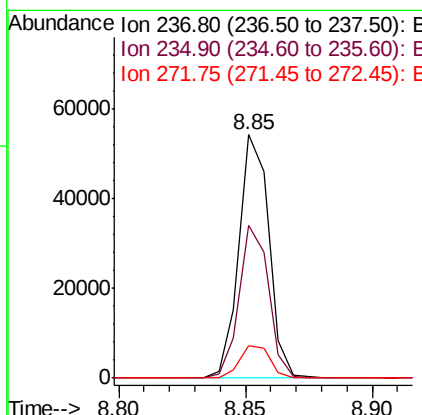
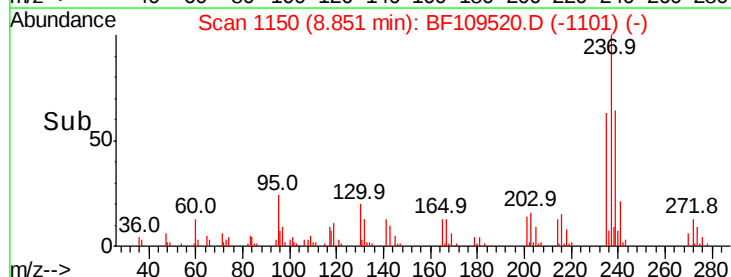
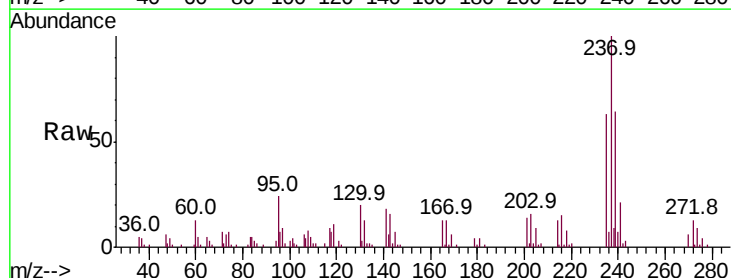
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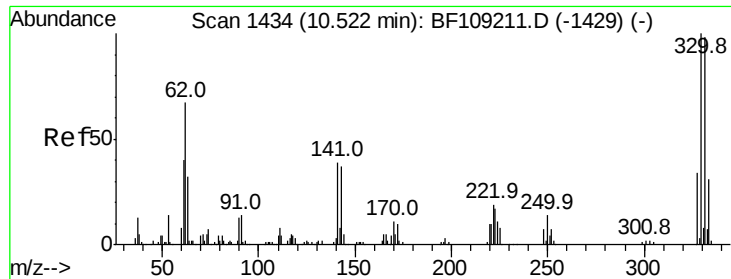
Sohil  
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#40  
 Hexachlorocyclopentadiene  
 Concen: 18.752 ng  
 RT: 8.85 min Scan# 1150  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 44562 |       |       |
| 235     | 62.7  | 44.8  | 84.8  |       |
| 272     | 13.1  | 0.0   | 33.3  |       |





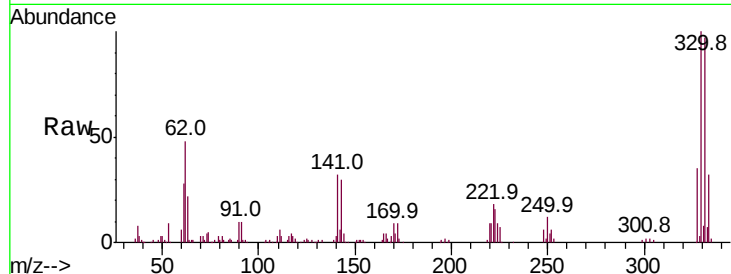
#41  
 2,4,6-Tribromophenol  
 Concen: 85.551 ng  
 RT: 10.52 min Scan# 1434  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

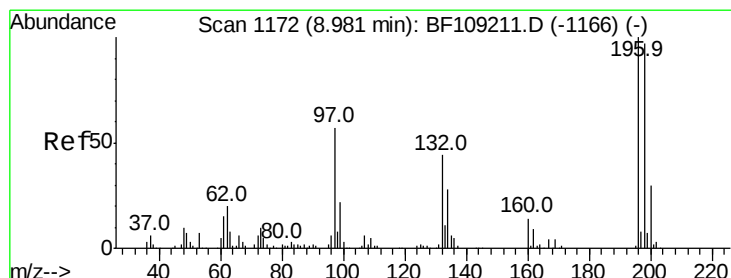
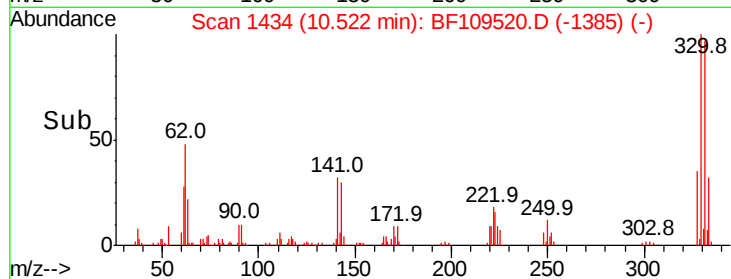
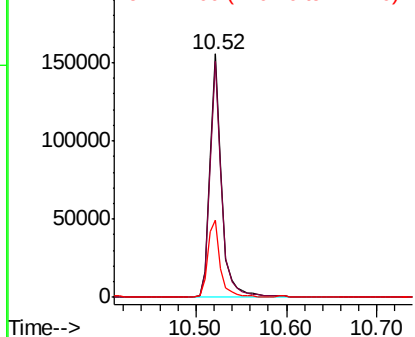
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 96.6  | 77.0 | 115.6 |       |
| 141     | 33.6  | 29.9 | 44.9  |       |

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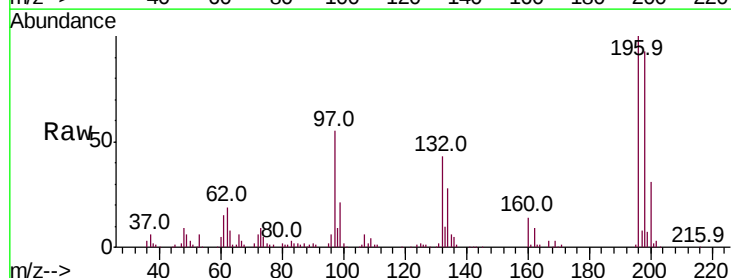


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

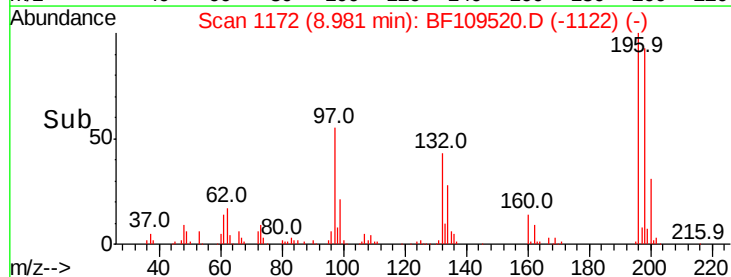
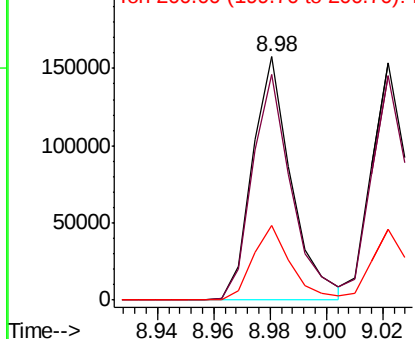


#42  
 2,4,6-Trichlorophenol  
 Concen: 43.093 ng  
 RT: 8.98 min Scan# 1172  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 92.9  | 75.7 | 113.5 |       |
| 200     | 30.6  | 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





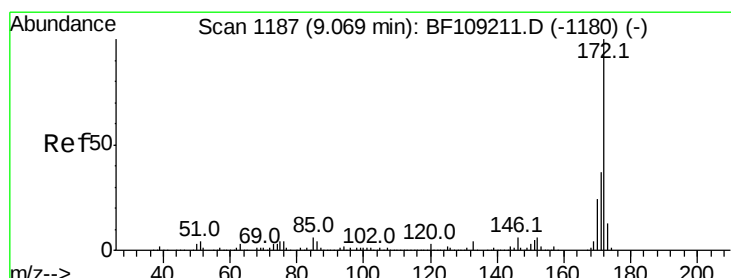
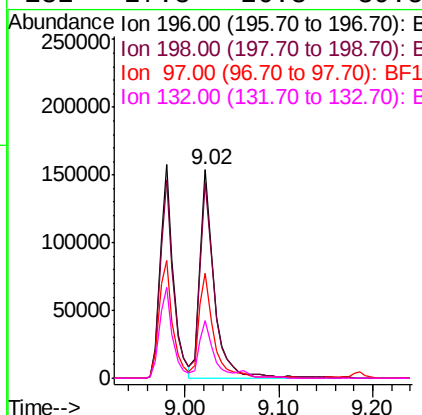
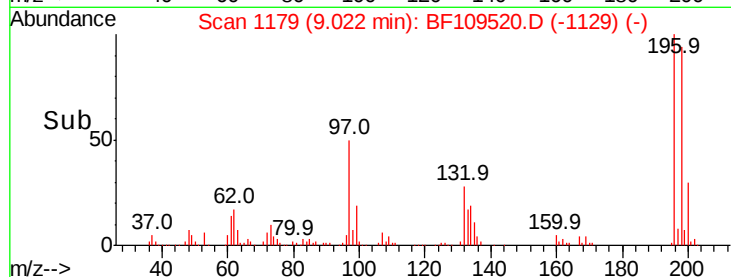
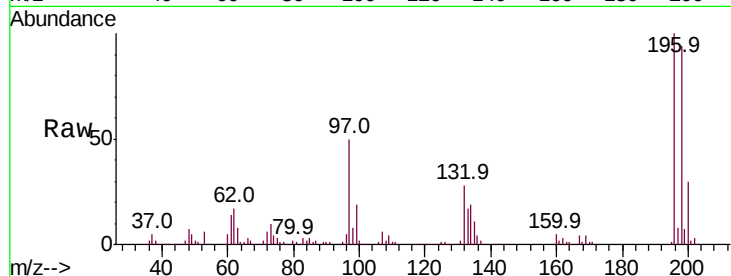
#43  
 2,4,5-Trichlorophenol  
 Concen: 43.948 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 162303 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.4  | 74.6  | 112.0  |
| 97        | 50.2  | 42.9  | 64.3   |
| 132       | 27.8  | 26.3  | 39.5   |

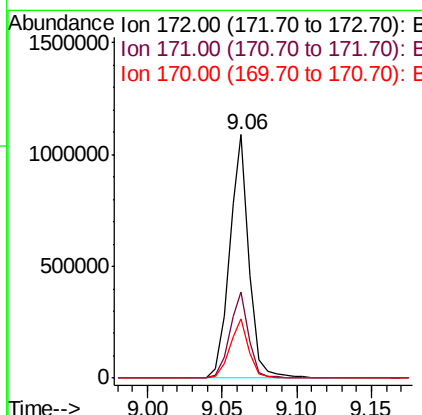
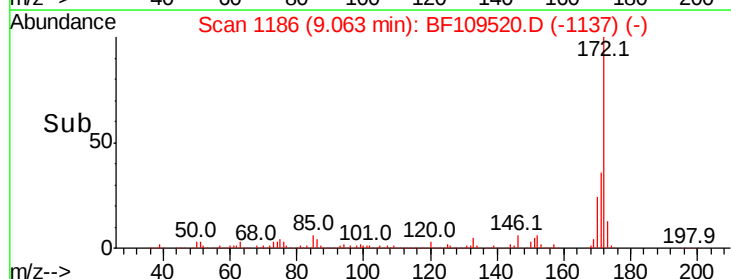
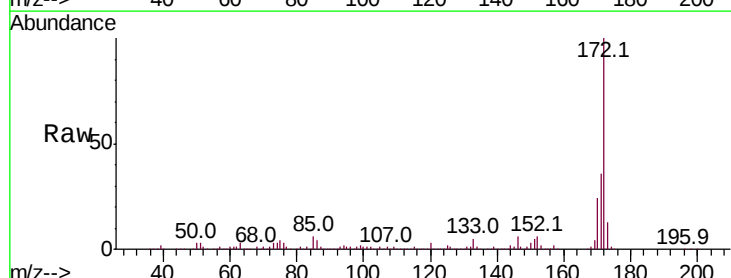
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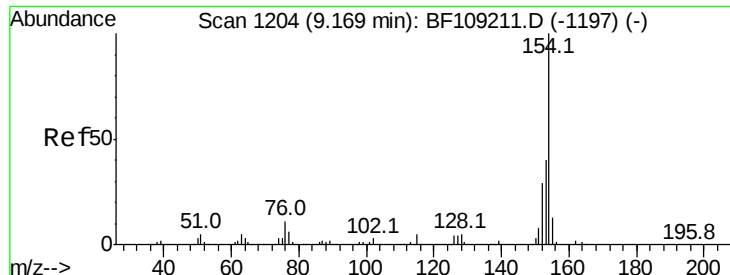
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#44  
 2-Fluorobiphenyl  
 Concen: 87.742 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 995953 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.6  | 29.7  | 44.5   |
| 170       | 24.3  | 19.6  | 29.4   |





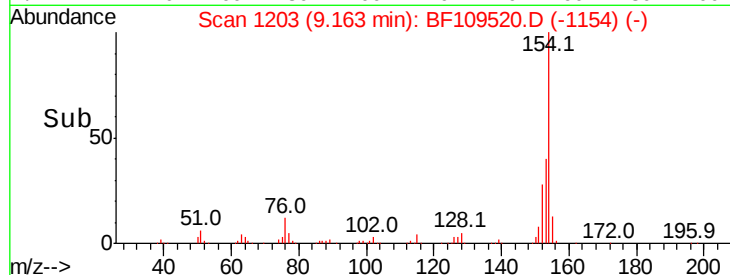
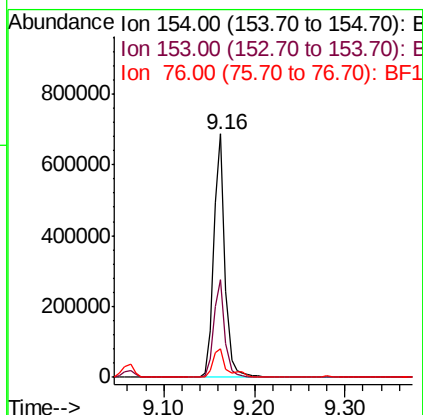
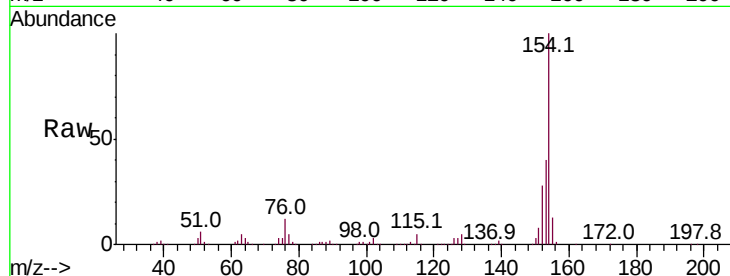
#45  
 1,1'-Biphenyl  
 Concen: 42.426 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 39.9  | 21.3 | 61.3  |       |
| 76      | 11.7  | 0.0  | 34.0  |       |

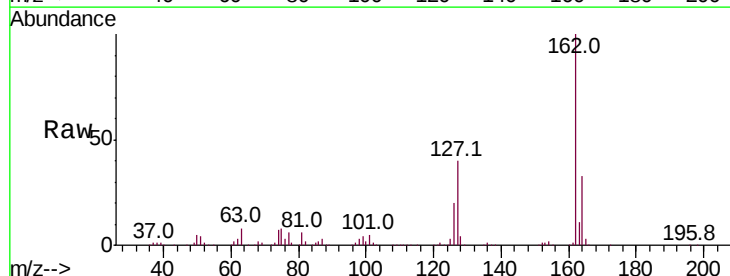
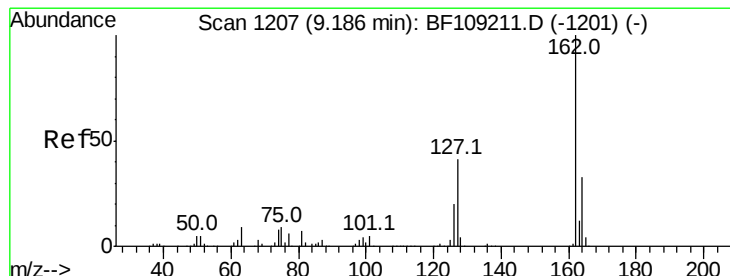
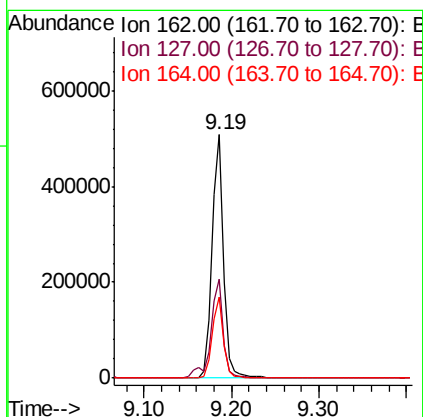
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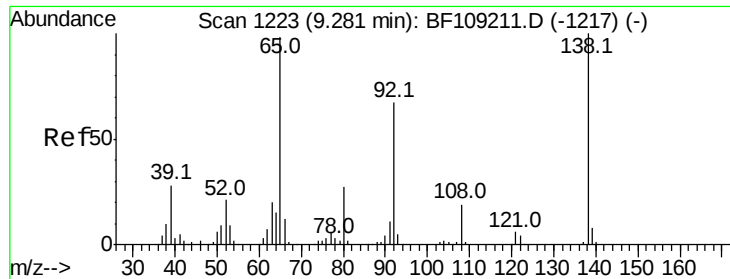
Sohil  
 10/3/2018 9:31:12 AM



#46  
 2-Chloronaphthalene  
 Concen: 41.732 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 40.4  | 33.9 | 50.9  |       |
| 164     | 33.1  | 26.5 | 39.7  |       |





#47

2-Nitroaniline

Concen: 44.503 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF109520.D

Acq: 3 Oct 2018 00:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 140595  
Ion Ratio Lower Upper

65 100

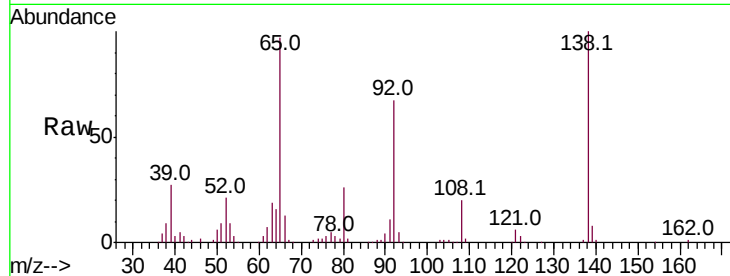
92 69.5 55.8 83.6

138 103.1 91.2 136.8

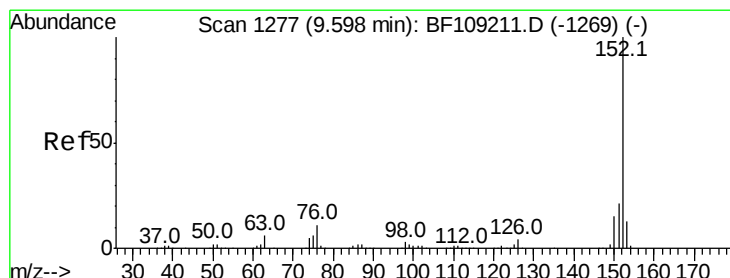
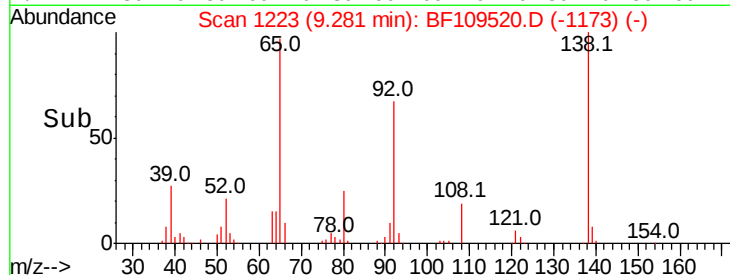
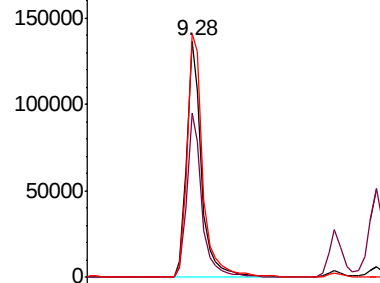
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Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 40.614 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF109520.D

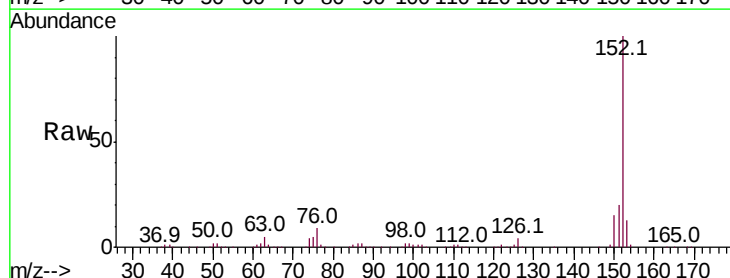
Acq: 3 Oct 2018 00:23

Tgt Ion: 152 Resp: 682714  
Ion Ratio Lower Upper

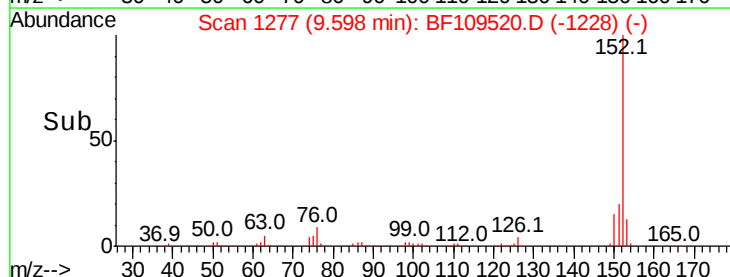
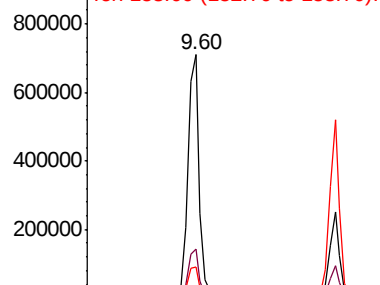
152 100

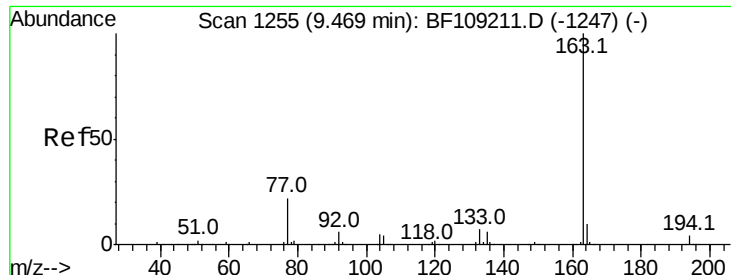
151 20.4 16.3 24.5

153 12.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E





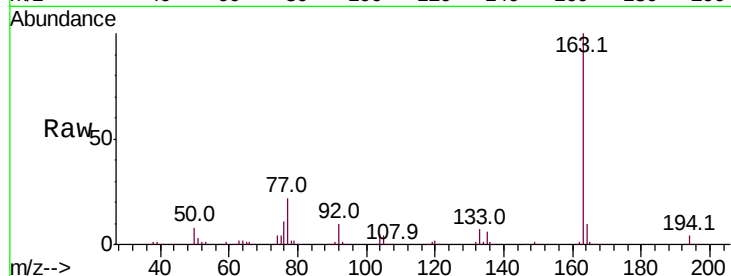
#49  
Dimethylphthalate  
Concen: 42.578 ng  
RT: 9.46 min Scan# 1254  
Delta R.T. -0.02 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

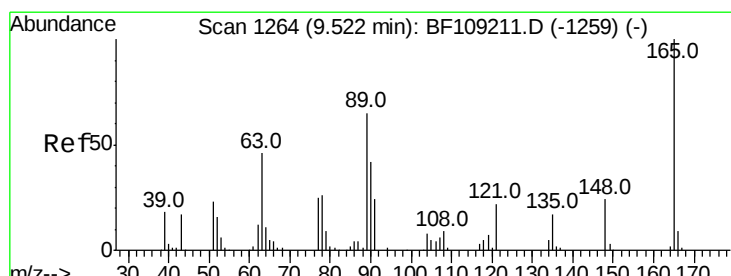
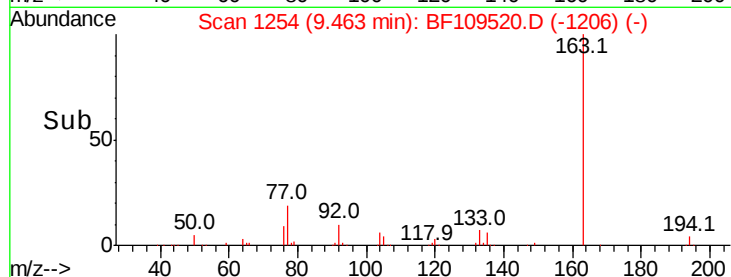
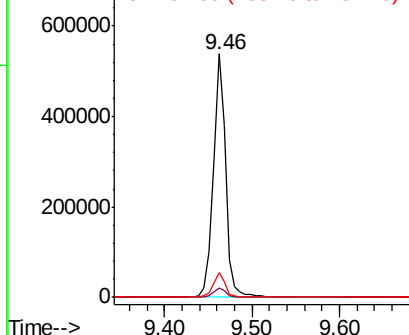
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 3.7   | 2.7  | 4.1   |       |
| 164     | 10.4  | 8.2  | 12.2  |       |

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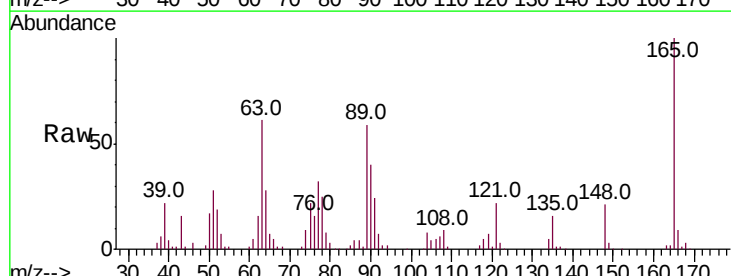


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

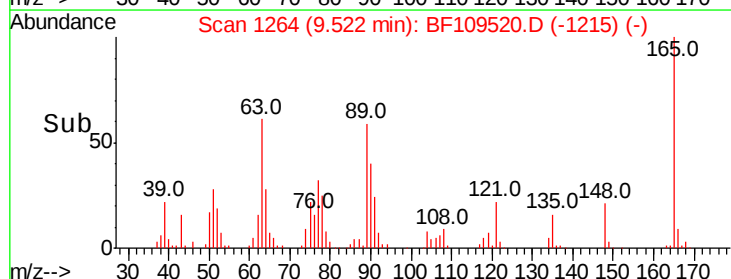
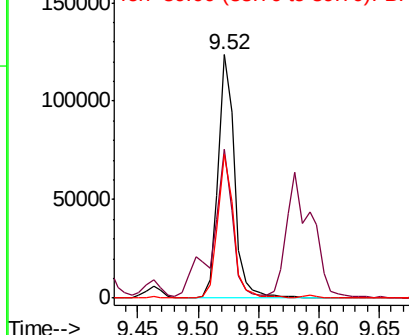


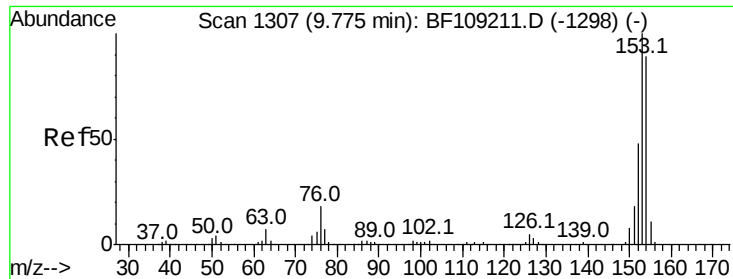
#50  
2,6-Dinitrotoluene  
Concen: 46.689 ng  
RT: 9.52 min Scan# 1264  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 61.1  | 44.7 | 67.1  |       |
| 89      | 59.0  | 44.0 | 66.0  |       |



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





#51

Acenaphthene

Concen: 38.820 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF109520.D

Acq: 3 Oct 2018 00:23

Instrument :

BNA\_F

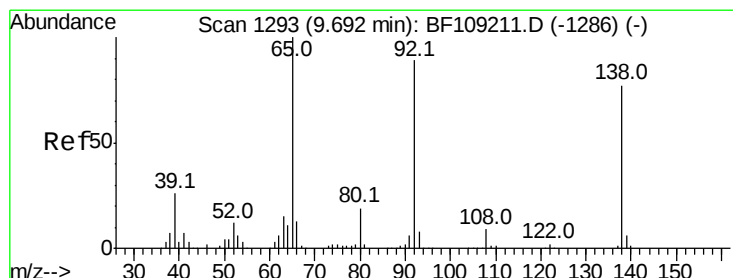
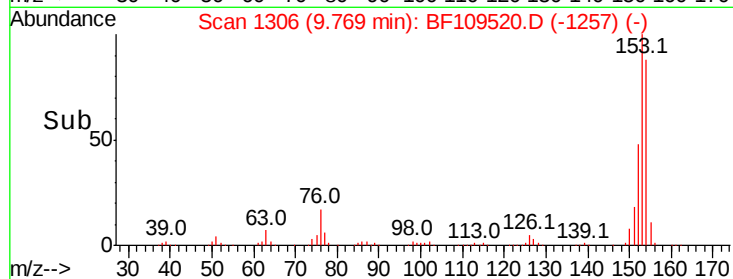
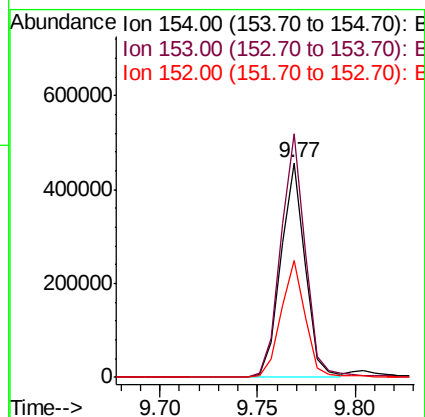
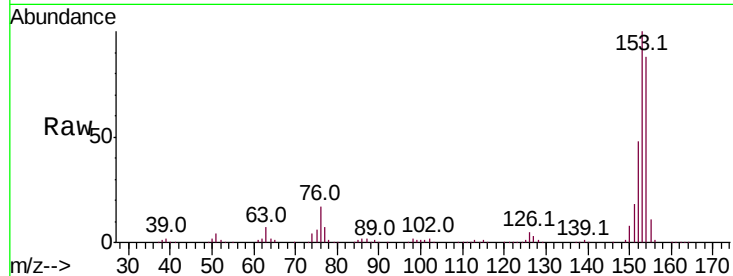
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 394539 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.5 | 91.2  | 136.8  |
| 152       | 54.7  | 43.8  | 65.8   |

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#52

3-Nitroaniline

Concen: 45.187 ng

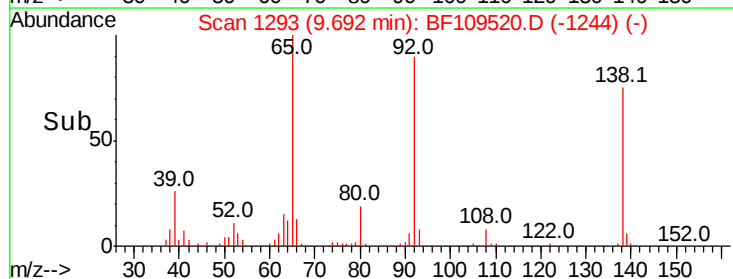
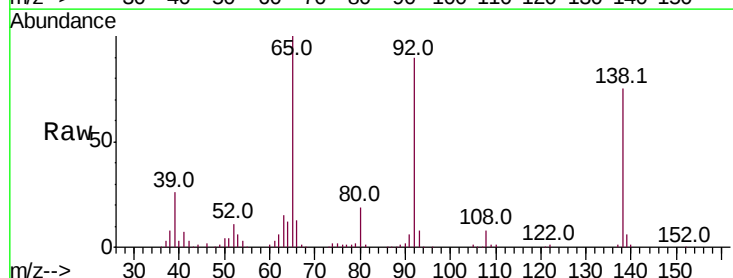
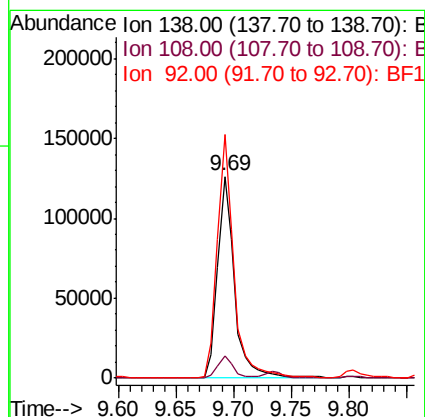
RT: 9.69 min Scan# 1293

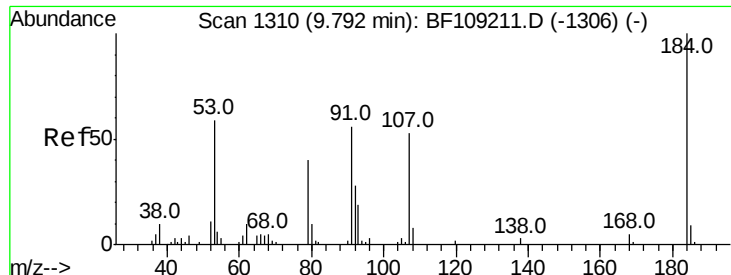
Delta R.T. -0.01 min

Lab File: BF109520.D

Acq: 3 Oct 2018 00:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 129049 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.7  | 9.4   | 14.0   |
| 92        | 120.9 | 89.4  | 134.2  |





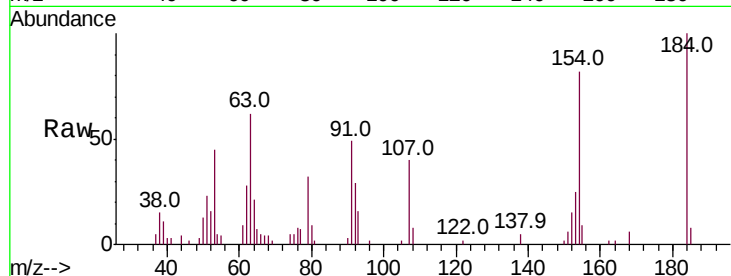
#53  
 2,4-Dinitrophenol  
 Concen: 30.075 ng  
 RT: 9.80 min Scan# 1312  
 Delta R.T. 0.00 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 61.9  | 54.2  | 81.2   |
| 154     | 81.7  | 184.0 | 276.0# |

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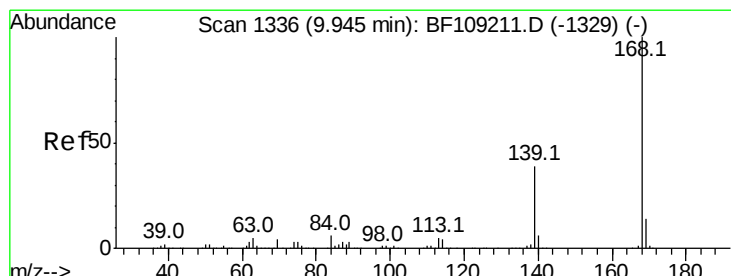
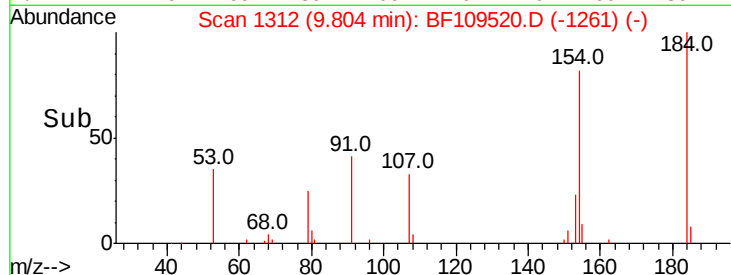
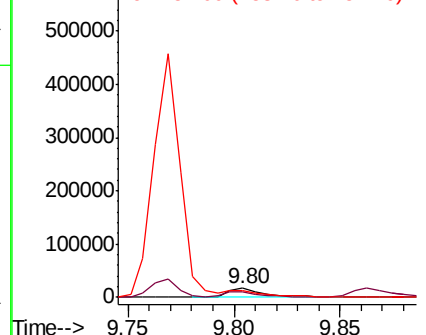


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54  
 Dibenzofuran  
 Concen: 40.055 ng  
 RT: 9.94 min Scan# 1335  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

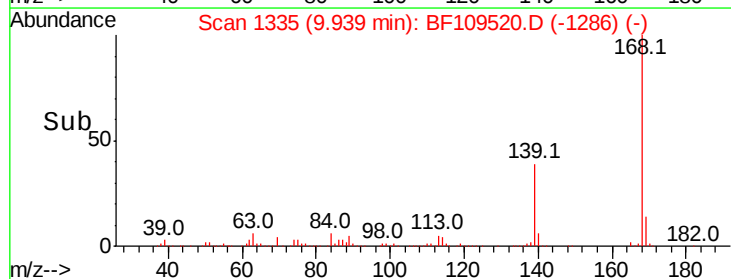
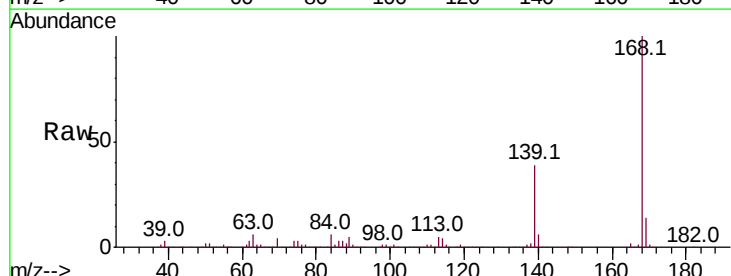
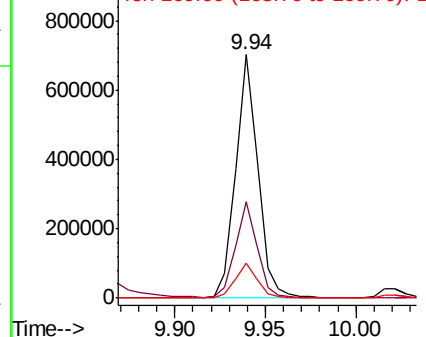
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.4  | 30.1  | 45.1  |
| 169     | 14.1  | 10.9  | 16.3  |

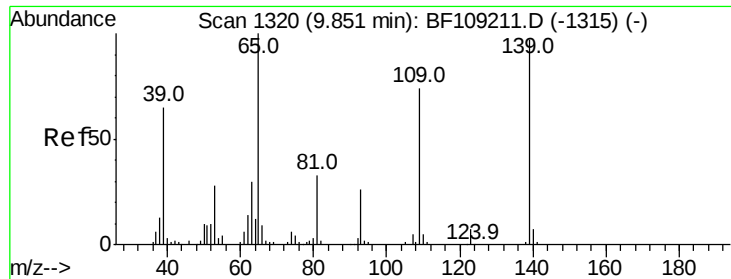
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





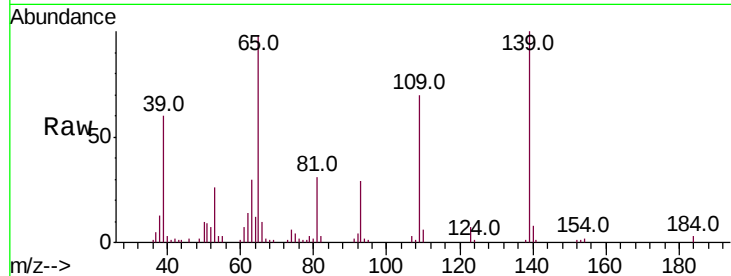
#55  
4-Nitrophenol  
Concen: 34.481 ng  
RT: 9.86 min Scan# 1322  
Delta R.T. 0.00 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 69.9  | 48.4  | 88.4  |
| 65      | 98.2  | 72.6  | 112.6 |

Manual Integrations  
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10/3/2018 9:31:12 AM

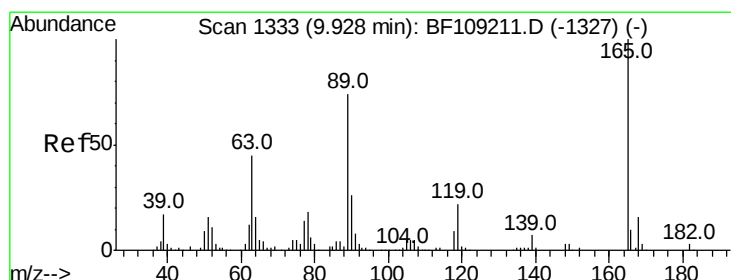
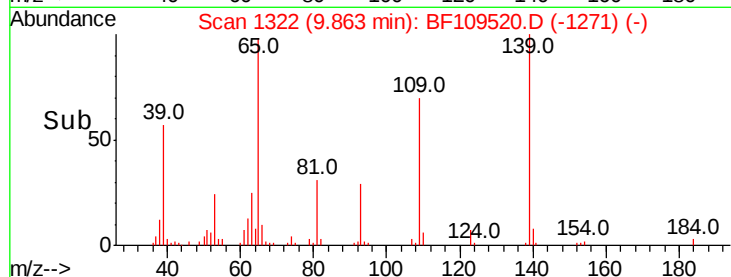
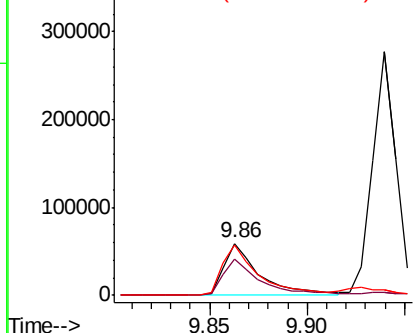


Abundance

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: 45.126 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.8  | 36.4  | 54.6  |
| 89      | 73.7  | 57.8  | 86.6  |
| 182     | 2.8   | 1.6   | 2.4   |

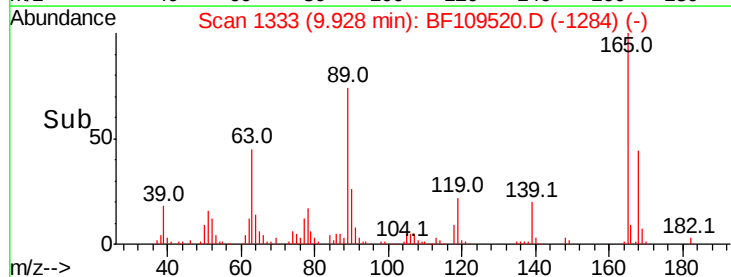
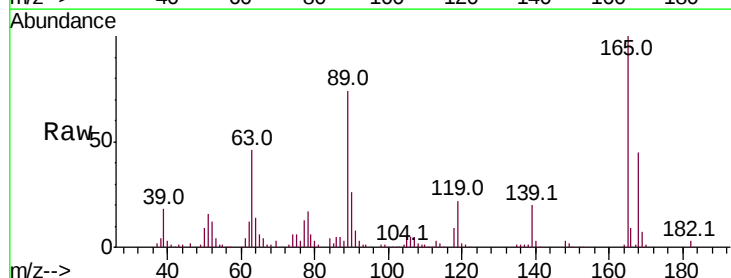
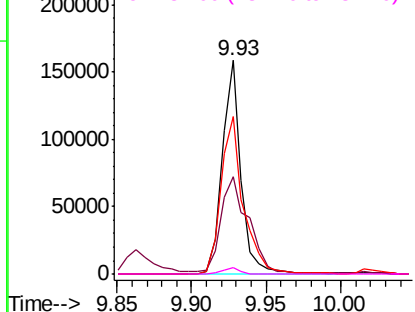
Abundance

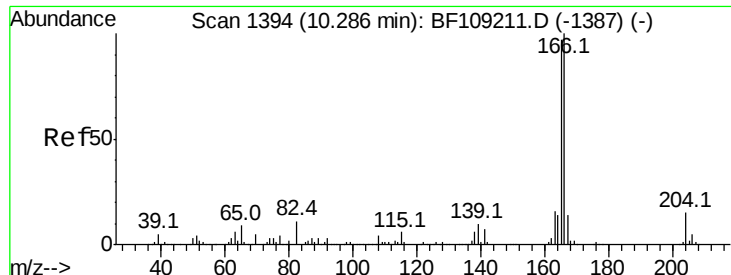
Ion 165.00 (164.70 to 165.70): E

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





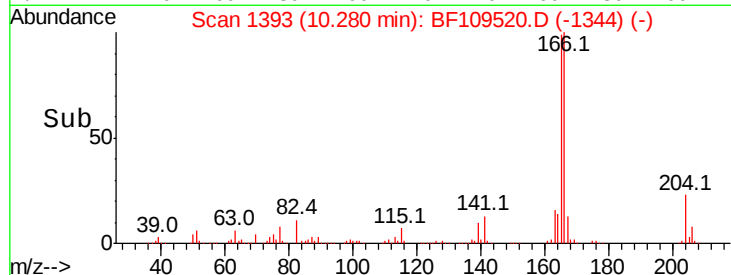
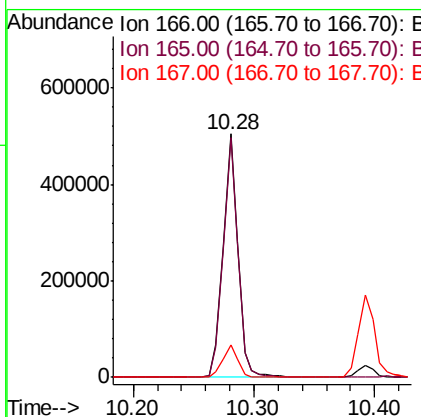
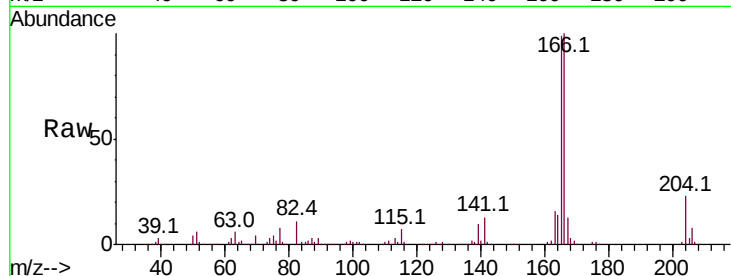
#57  
**Fluorene**  
 Concen: 40.063 ng  
 RT: 10.28 min Scan# 1393  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.6  | 79.8  | 119.8 |
| 167     | 13.2  | 10.6  | 16.0  |

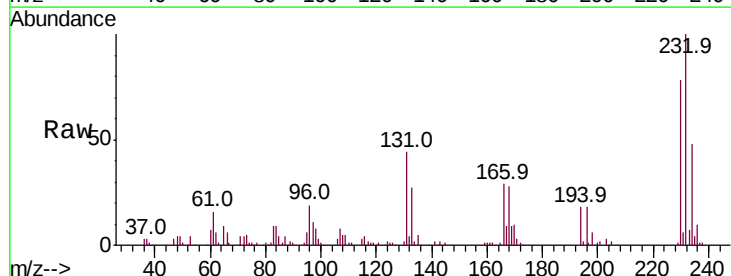
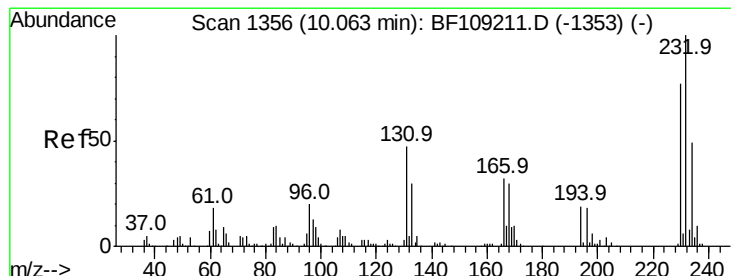
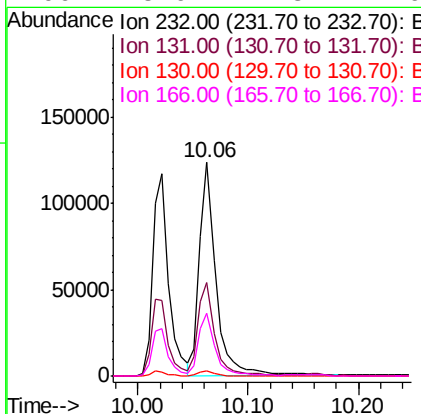
Manual Integrations  
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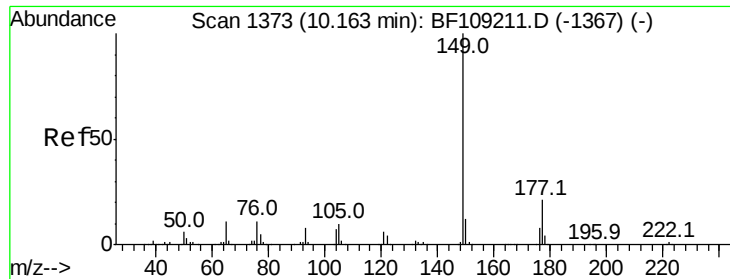
Sohil  
 10/3/2018 9:31:12 AM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 42.912 ng  
 RT: 10.06 min Scan# 1356  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.2  | 43.8  | 65.8  |
| 130     | 2.1   | 2.1   | 3.1   |
| 166     | 28.9  | 27.8  | 41.6  |





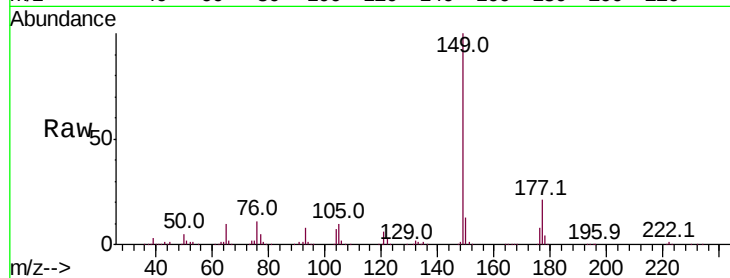
#59  
Diethylphthalate  
Concen: 41.877 ng  
RT: 10.16 min Scan# 1372  
Delta R.T. -0.02 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.4  | 16.1  | 24.1  |
| 150     | 12.7  | 10.1  | 15.1  |

Manual Integrations  
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10/3/2018 9:31:12 AM

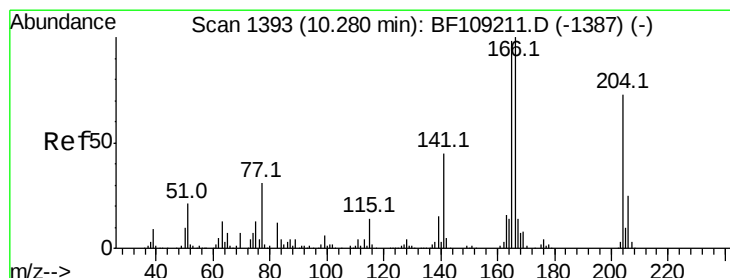
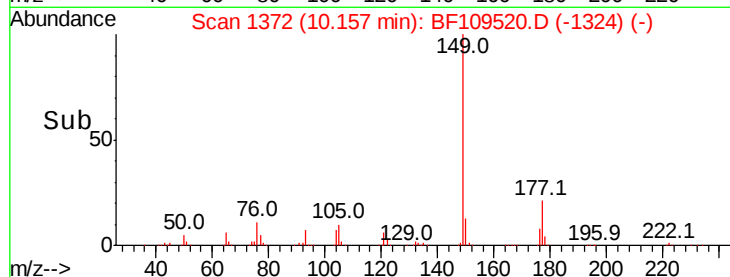
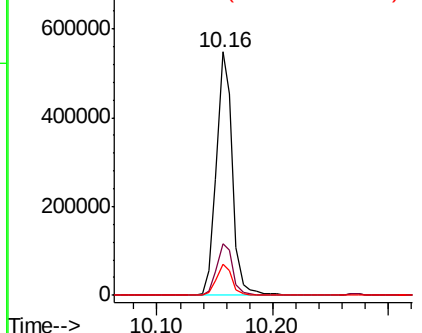


Abundance

Ion 149.00 (148.70 to 149.70): E

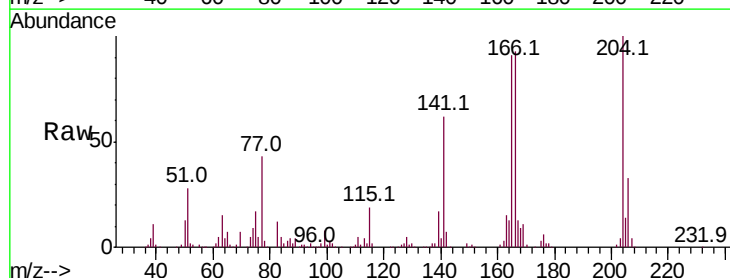
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60  
4-Chlorophenyl-phenylether  
Concen: 41.565 ng  
RT: 10.27 min Scan# 1392  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.8  | 26.5  | 39.7  |
| 141     | 61.9  | 54.6  | 81.8  |

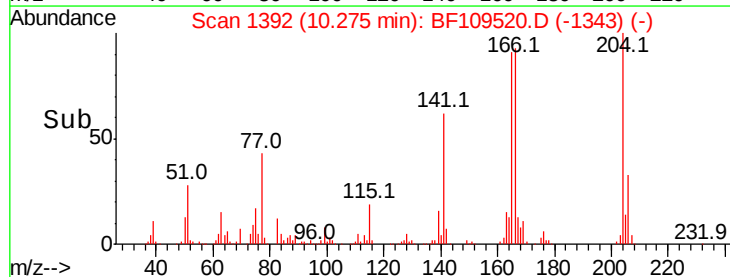
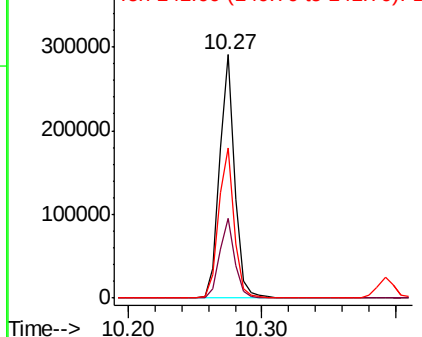


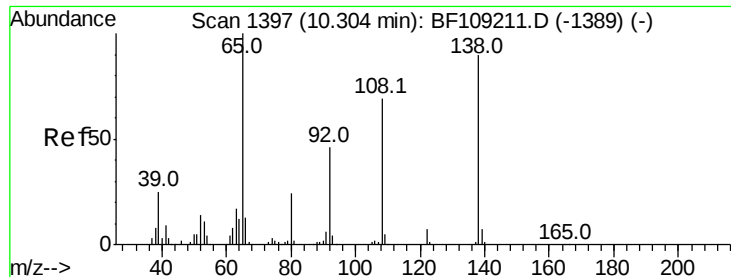
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





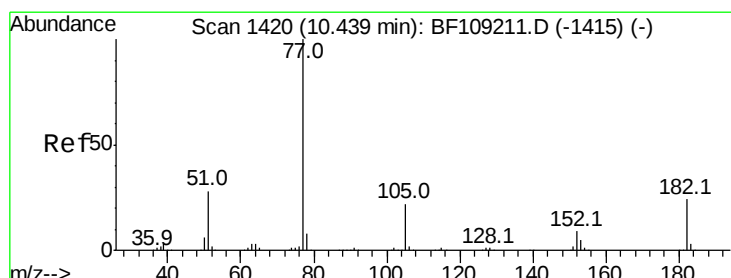
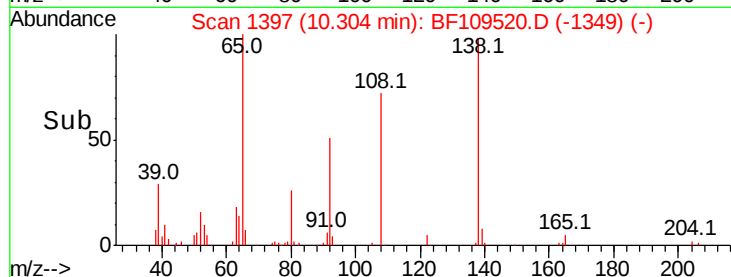
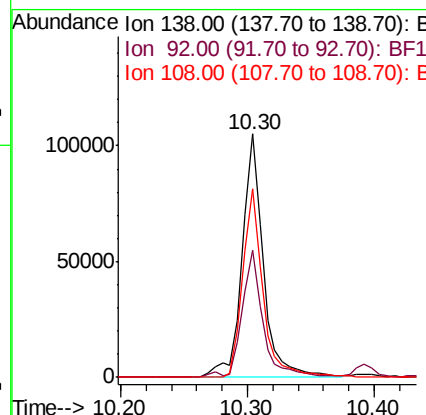
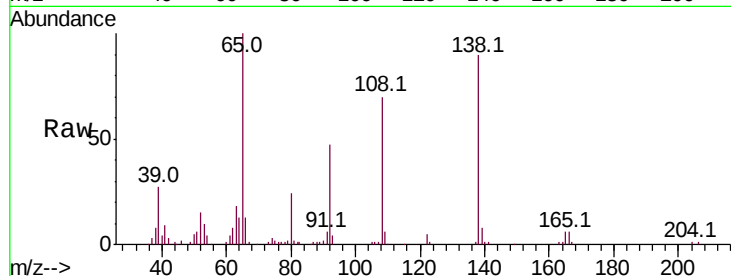
#61  
4-Nitroaniline  
Concen: 43.526 ng  
RT: 10.30 min Scan# 1397  
Delta R.T. -0.02 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 52.5  | 30.2  | 70.2  |
| 108     | 77.4  | 52.5  | 92.5  |

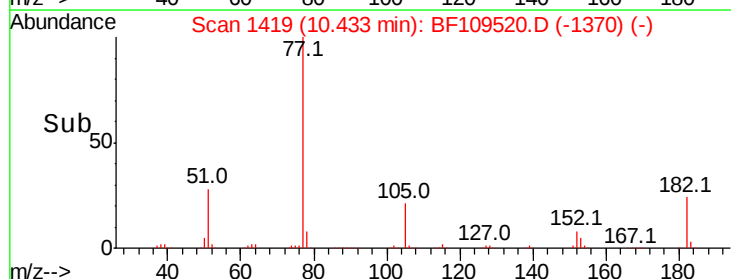
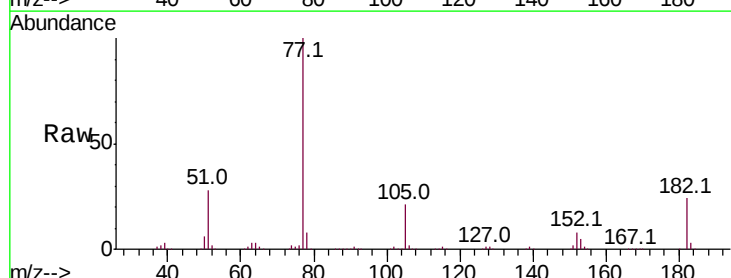
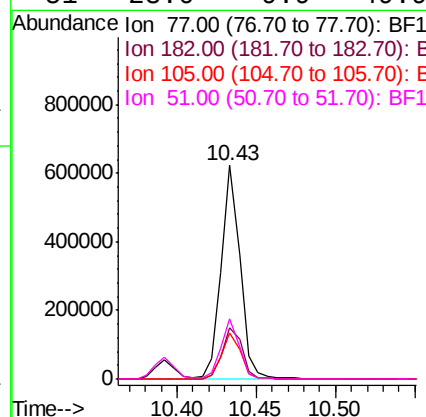
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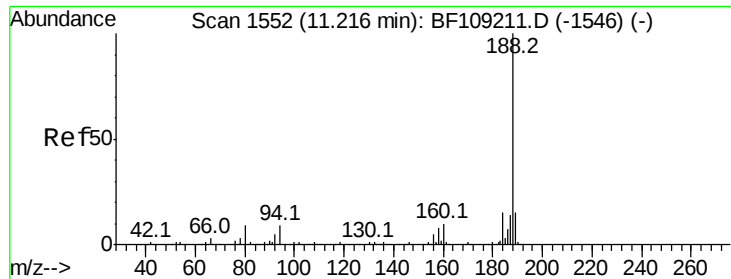
Sohil  
10/3/2018 9:31:12 AM



#62  
Azobenzene  
Concen: 39.271 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.7  | 1.7   | 41.7  |
| 105     | 21.4  | 3.0   | 43.0  |
| 51      | 28.0  | 9.9   | 49.9  |





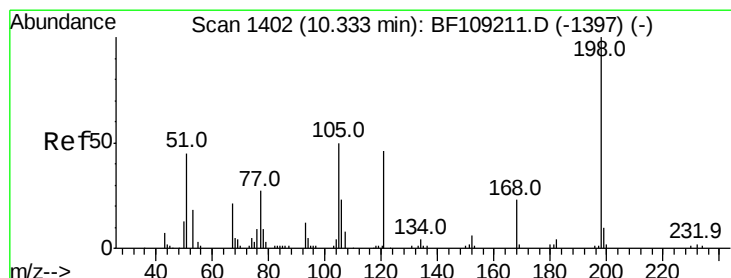
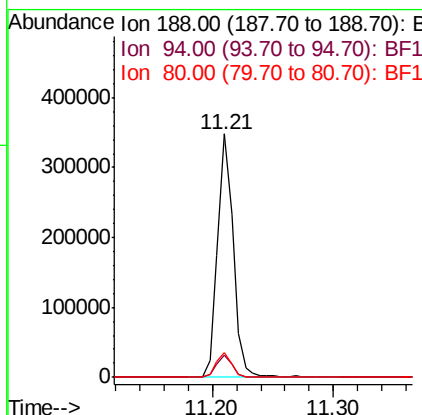
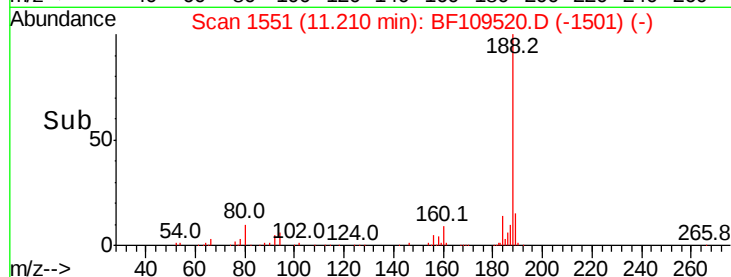
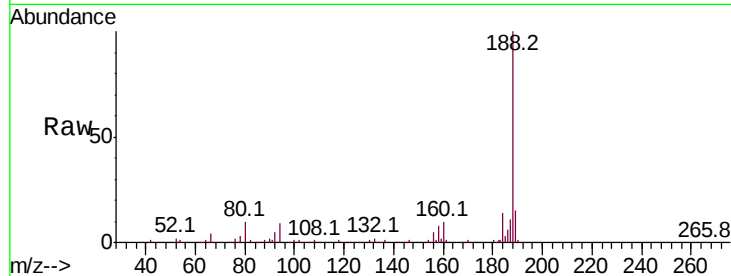
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.21 min Scan# 1551  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 310549 |       |       |
| 94      | 9.0   |        | 8.5   | 12.7  |
| 80      | 10.0  |        | 9.2   | 13.8  |

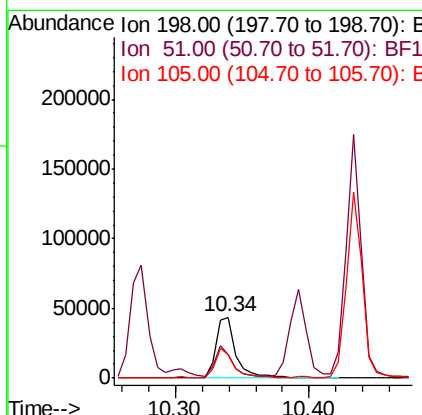
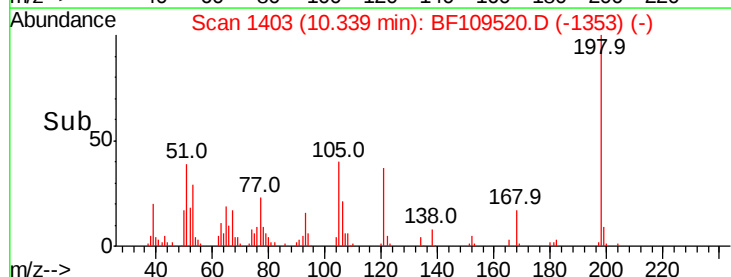
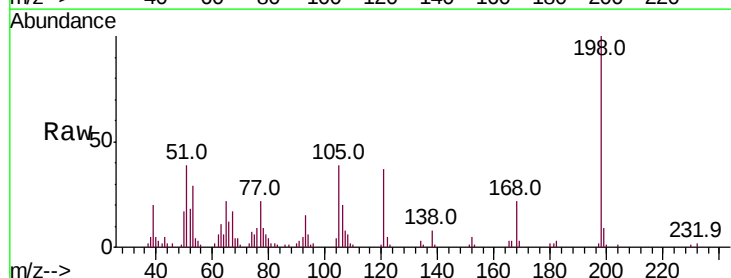
Manual Integrations  
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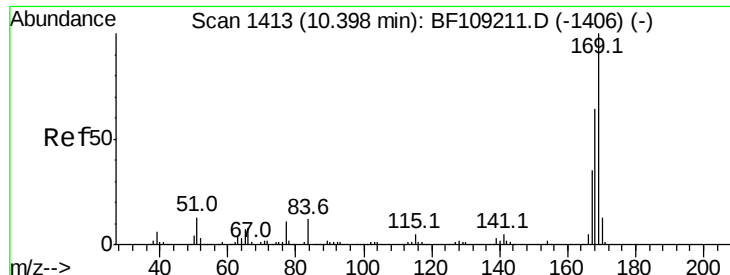
Sohil  
10/3/2018 9:31:12 AM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 39.175 ng  
RT: 10.34 min Scan# 1403  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 46968 |       |       |
| 51      | 38.6  |       | 37.7  | 77.7  |
| 105     | 39.2  |       | 36.3  | 76.3  |





#65

n-Nitrosodiphenylamine

Concen: 43.713 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF109520.D

Acq: 3 Oct 2018 00:23

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 448515

Ion Ratio Lower Upper

169 100

168 63.0 54.4 81.6

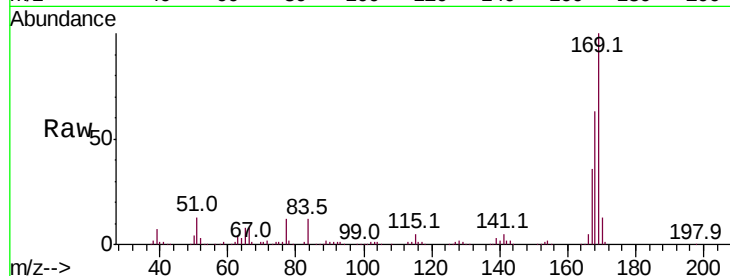
167 35.7 29.8 44.6

Manual Integrations

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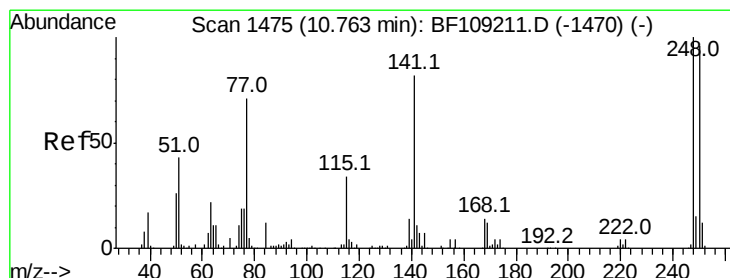
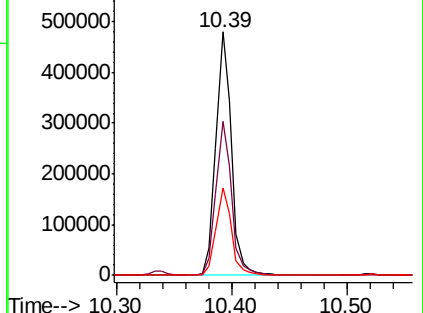
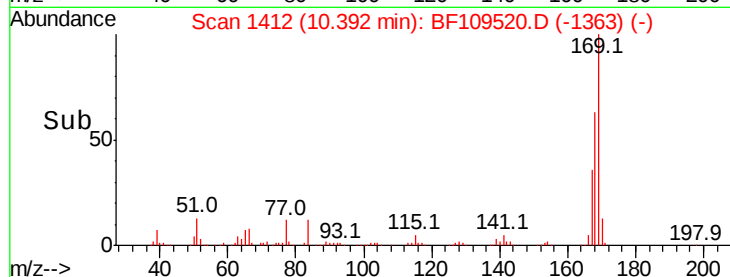
10/3/2018 9:31:12 AM



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: 43.086 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF109520.D

Acq: 3 Oct 2018 00:23

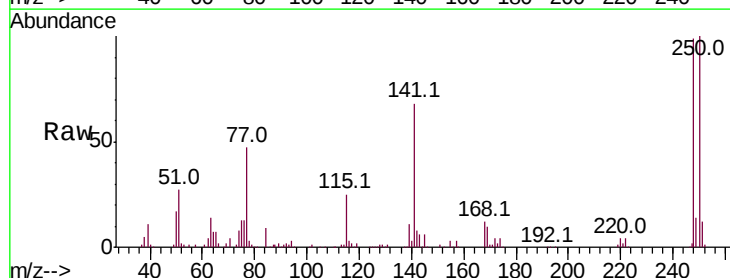
Tgt Ion:248 Resp: 148582

Ion Ratio Lower Upper

248 100

250 101.0 76.9 115.3

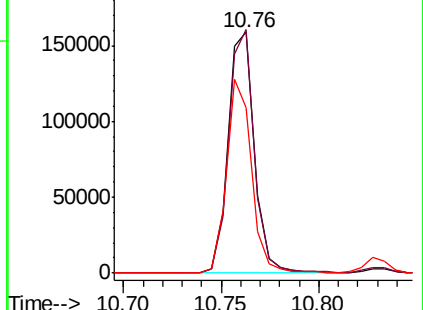
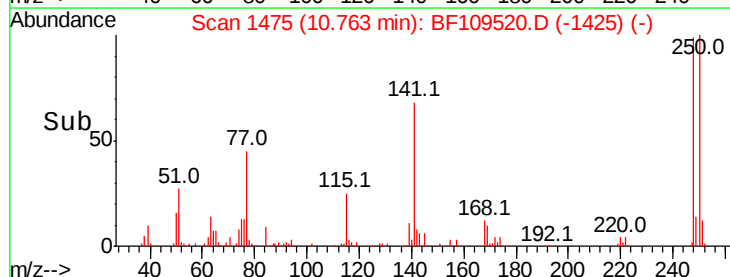
141 68.8 74.4 111.6#

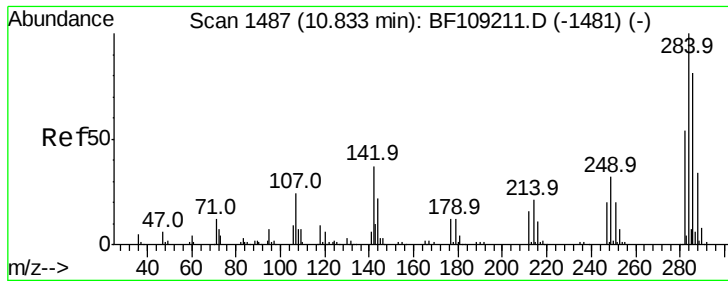


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





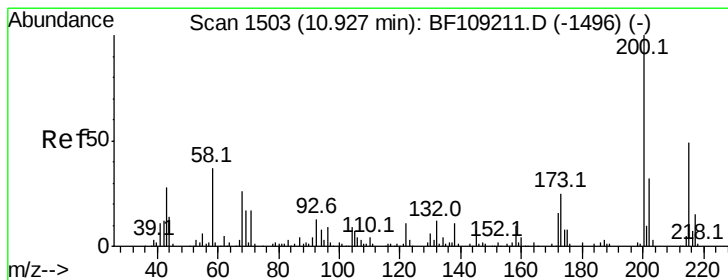
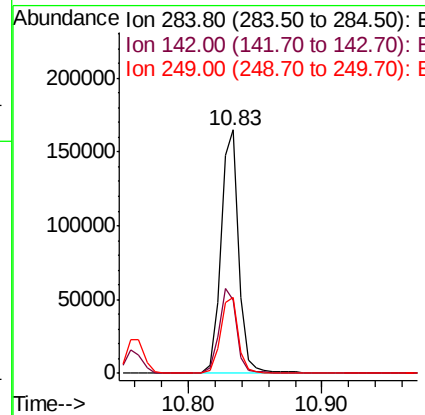
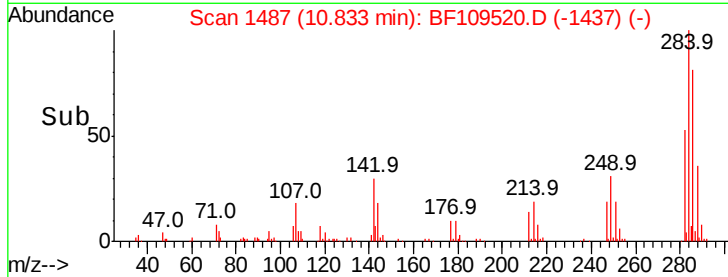
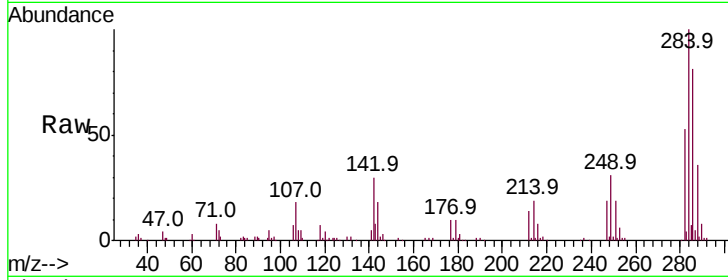
#67  
Hexachlorobenzene  
Concen: 42.313 ng  
RT: 10.83 min Scan# 1487  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 30.2  | 34.6 | 52.0  |       |
| 249     | 31.1  | 24.8 | 37.2  |       |

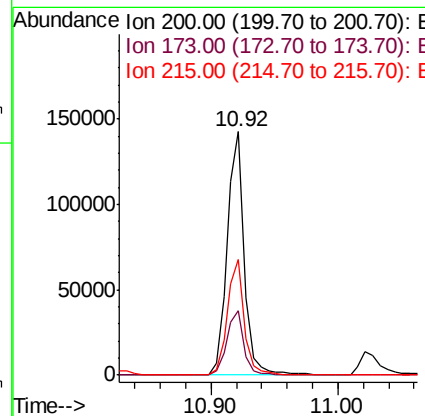
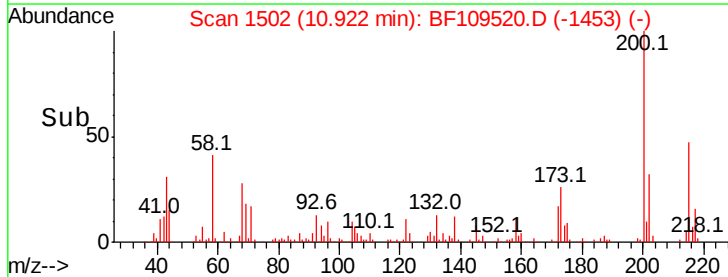
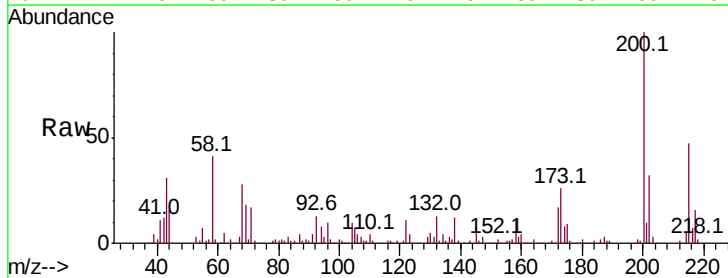
Manual Integrations  
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#68  
Atrazine  
Concen: 42.469 ng  
RT: 10.92 min Scan# 1502  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 26.5  | 8.6  | 48.6  |       |
| 215     | 47.4  | 25.1 | 65.1  |       |





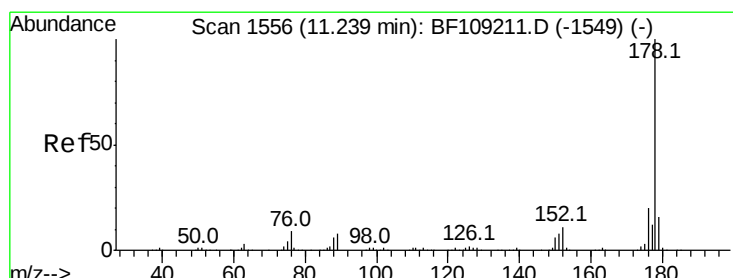
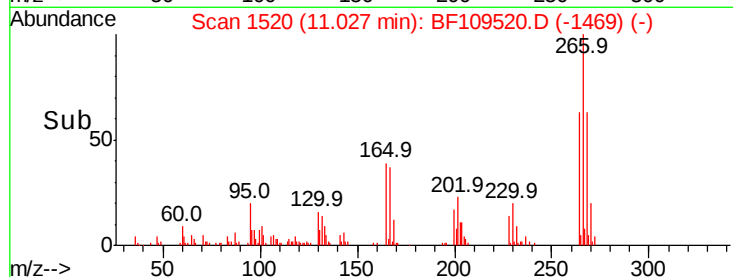
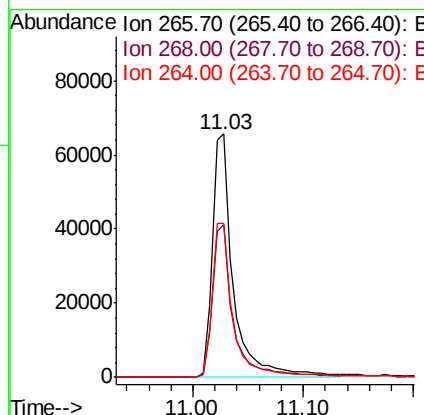
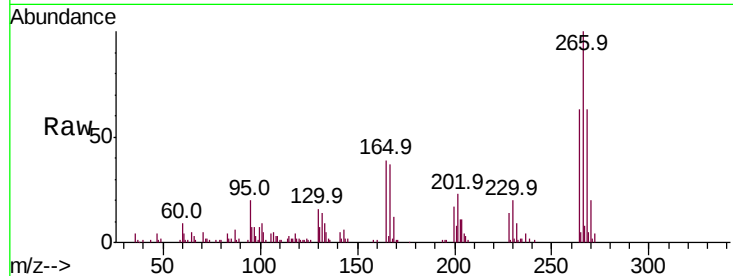
#69  
 Pentachlorophenol  
 Concen: 38.786 ng  
 RT: 11.03 min Scan# 1520  
 Delta R.T. 0.00 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.5  | 51.1  | 76.7  |
| 264     | 63.4  | 49.5  | 74.3  |

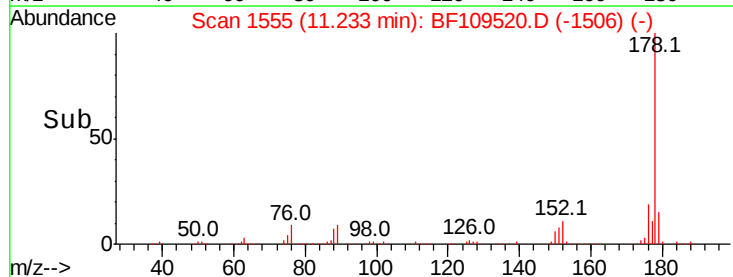
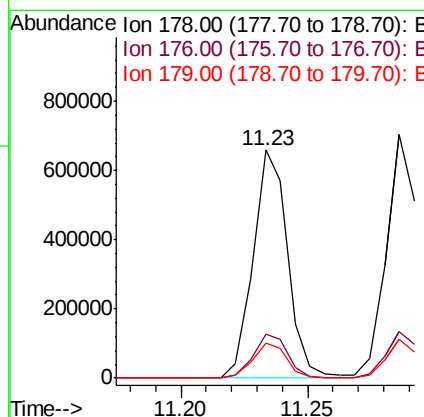
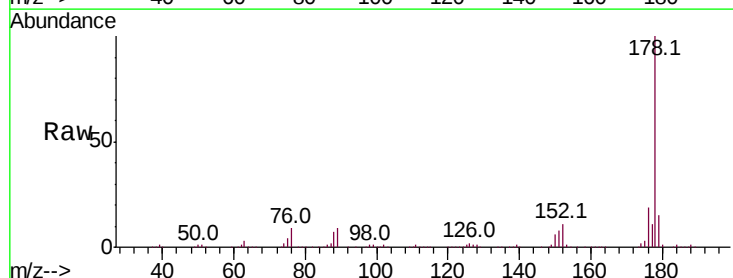
Manual Integrations  
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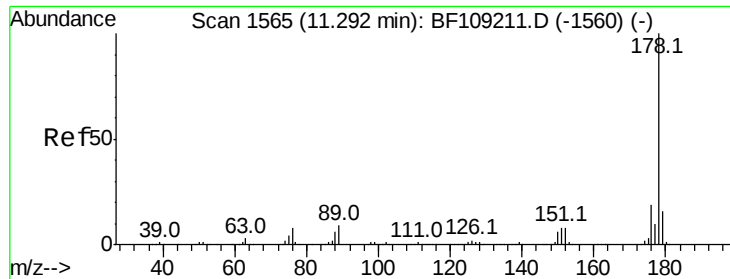
Sohil  
 10/3/2018 9:31:12 AM



#70  
 Phenanthrene  
 Concen: 40.418 ng  
 RT: 11.23 min Scan# 1555  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.8  | 23.8  |
| 179     | 15.5  | 13.0  | 19.6  |





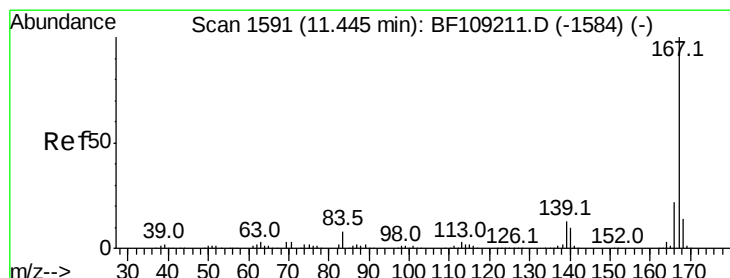
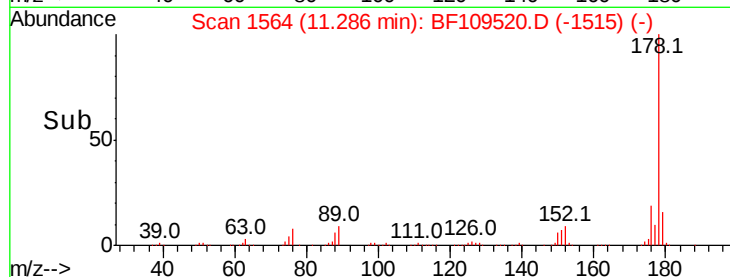
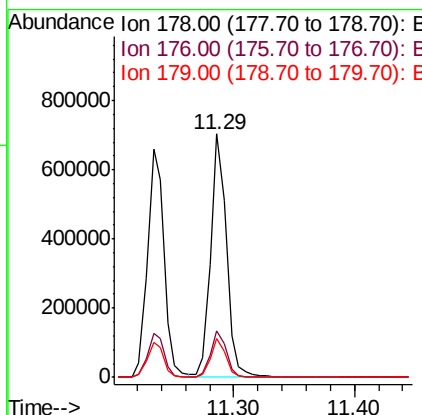
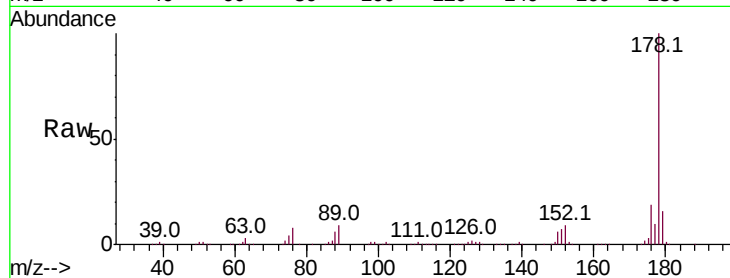
#71  
 Anthracene  
 Concen: 40.369 ng  
 RT: 11.29 min Scan# 1564  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.4  | 23.2  |
| 179     | 15.8  | 12.6  | 19.0  |

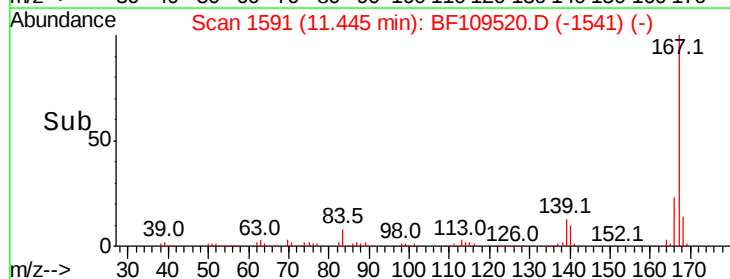
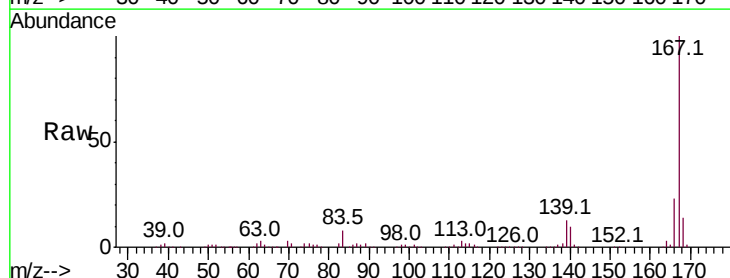
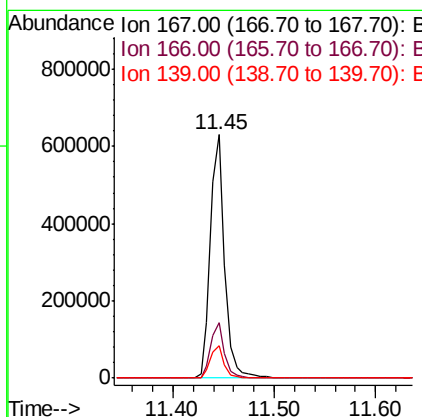
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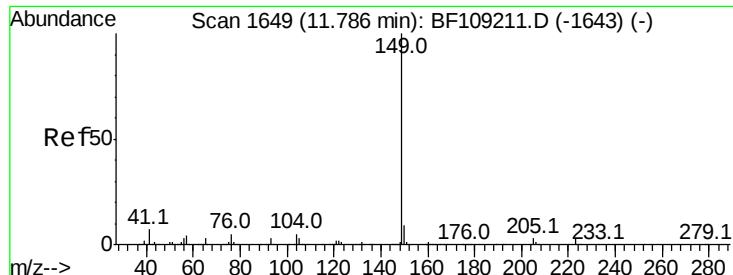
Sohil  
 10/3/2018 9:31:12 AM



#72  
 Carbazole  
 Concen: 39.340 ng  
 RT: 11.45 min Scan# 1591  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.5  | 17.6  | 26.4  |
| 139     | 13.2  | 10.9  | 16.3  |





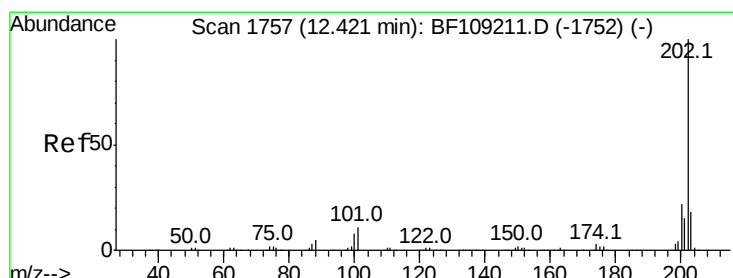
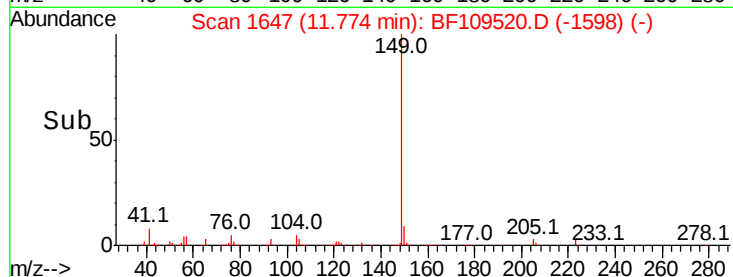
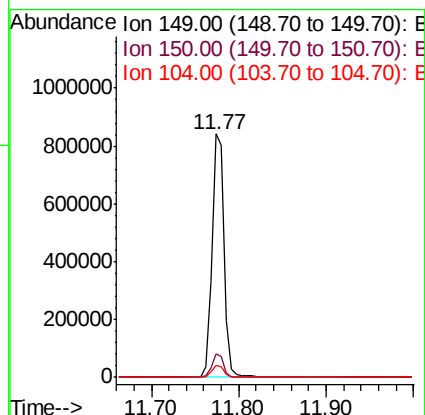
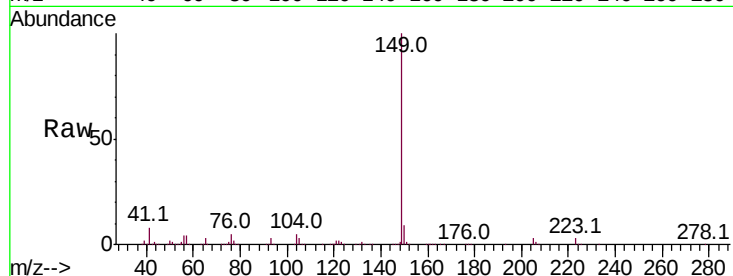
#73  
Di-n-butylphthalate  
Concen: 44.826 ng  
RT: 11.77 min Scan# 1647  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.5   | 7.8   | 11.6  |
| 104     | 5.1   | 3.8   | 5.8   |

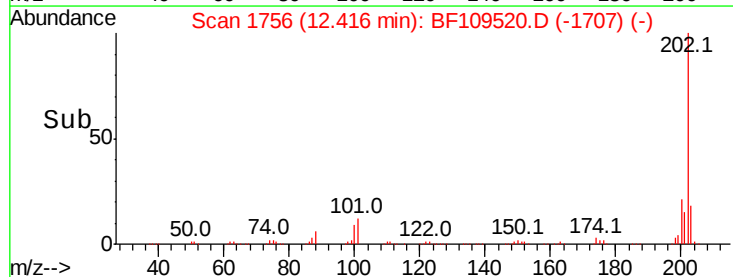
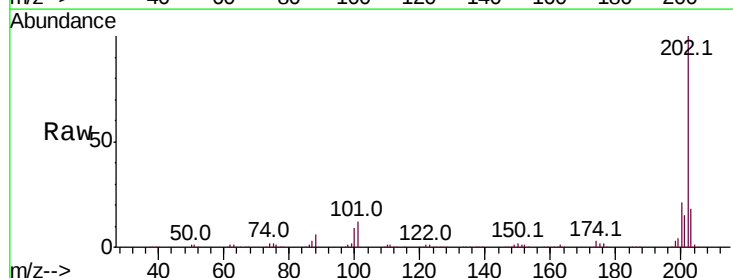
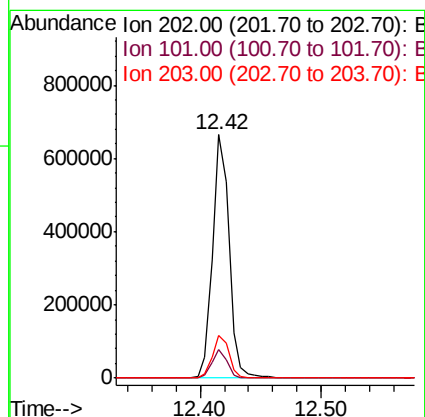
Manual Integrations  
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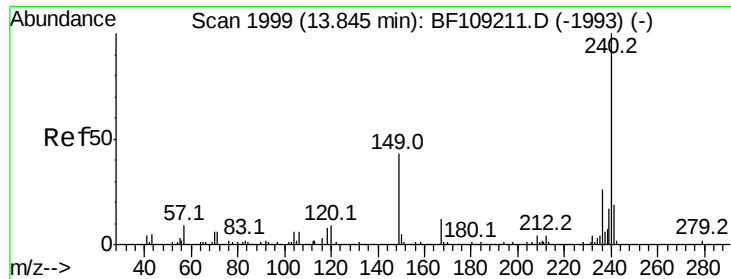
Sohil  
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#74  
Fluoranthene  
Concen: 37.731 ng  
RT: 12.42 min Scan# 1756  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.6  | 0.0   | 34.1  |
| 203     | 17.5  | 0.0   | 38.1  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109520.D

Acq: 3 Oct 2018 00:23

Instrument :

BNA\_F

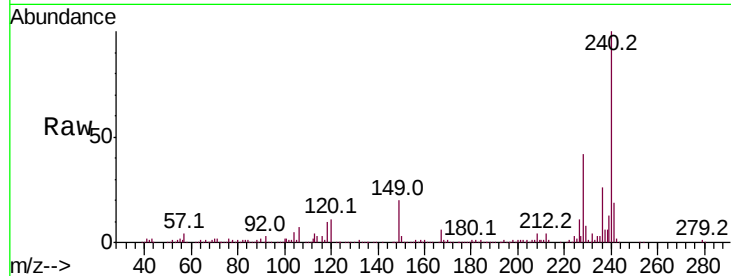
ClientSampleId :

SSTDCCC040

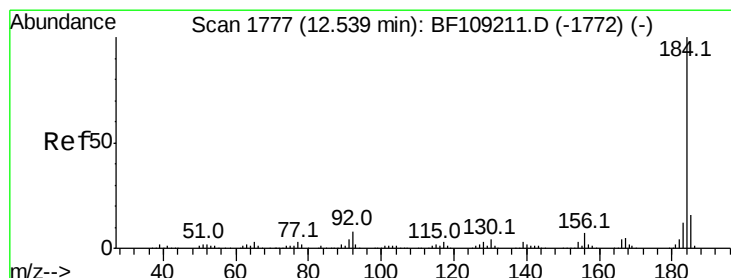
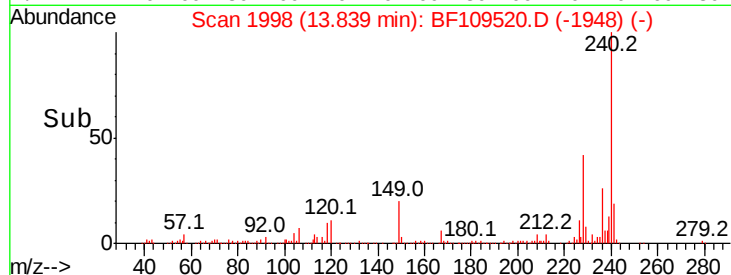
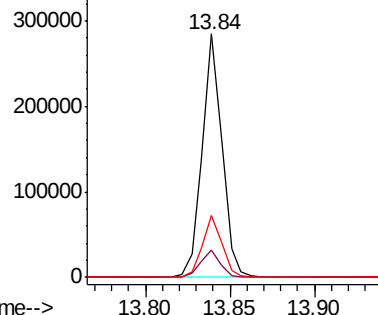
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 231885 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.3  | 9.5   | 14.3   |
| 236       | 25.6  | 20.7  | 31.1   |

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Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.318 ng

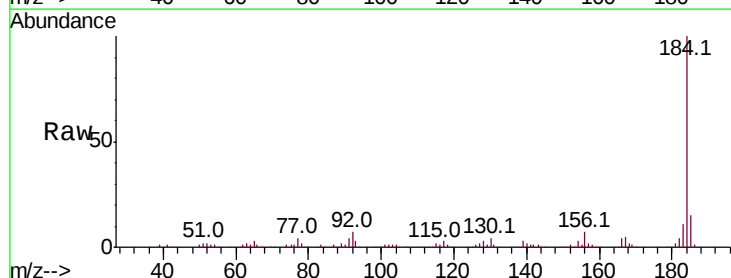
RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

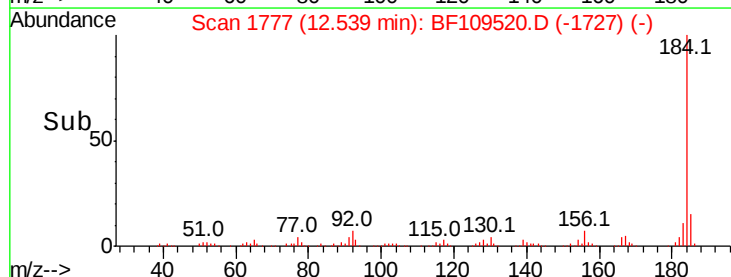
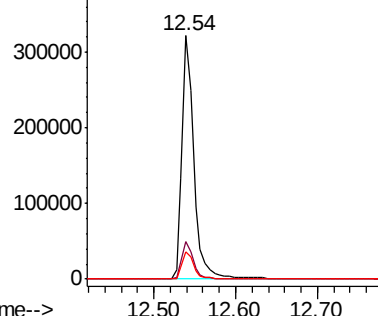
Lab File: BF109520.D

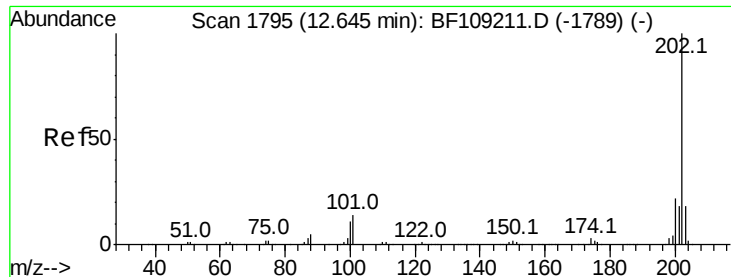
Acq: 3 Oct 2018 00:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 328721 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.4  | 12.6  | 18.8   |
| 183       | 11.2  | 9.3   | 13.9   |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E





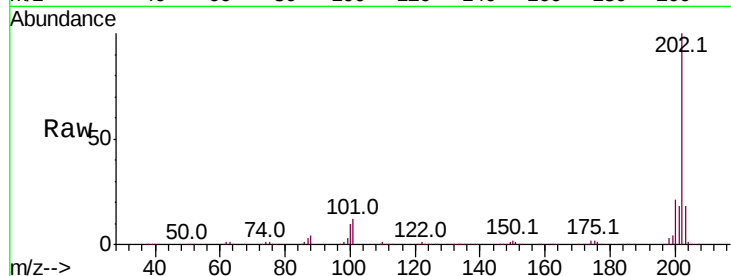
#77  
Pvrene  
Concen: 38.351 ng  
RT: 12.65 min Scan# 1795  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.5  | 17.4  | 26.2  |
| 203     | 17.5  | 14.3  | 21.5  |

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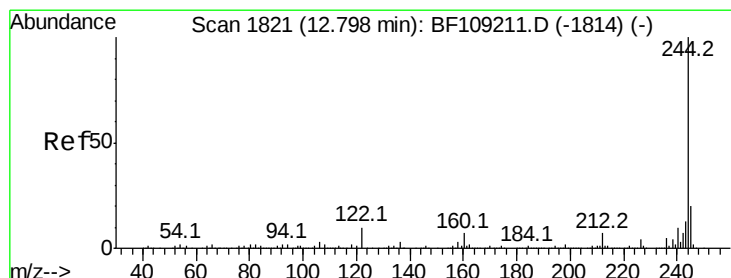
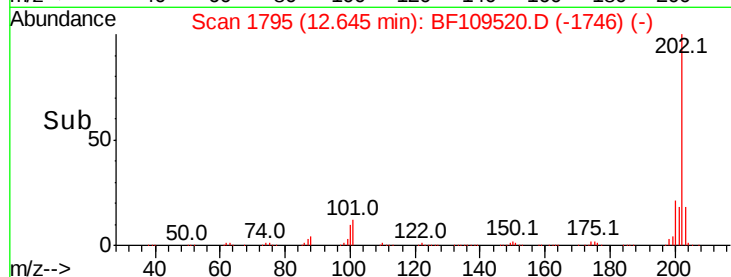
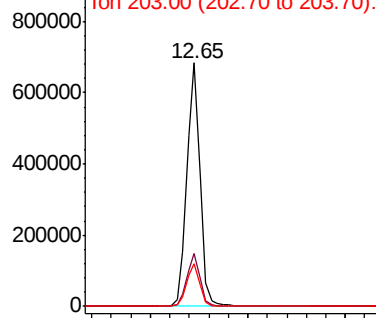


Abundance

Ion 202.00 (201.70 to 202.70): E

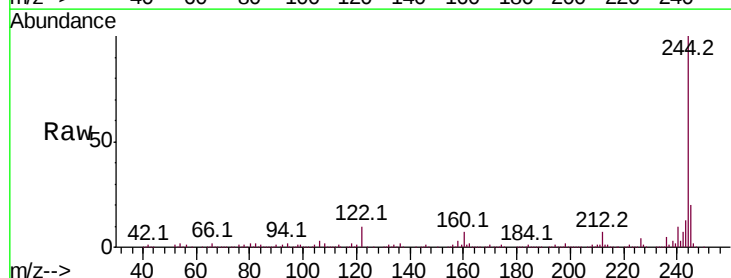
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78  
Terphenyl-d14  
Concen: 80.153 ng  
RT: 12.79 min Scan# 1820  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.9   | 5.4   | 8.0   |
| 122     | 10.2  | 11.0  | 16.4  |

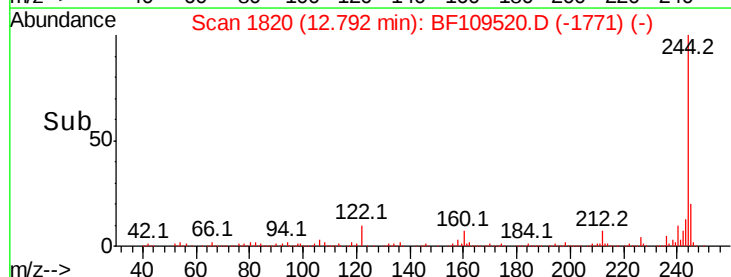
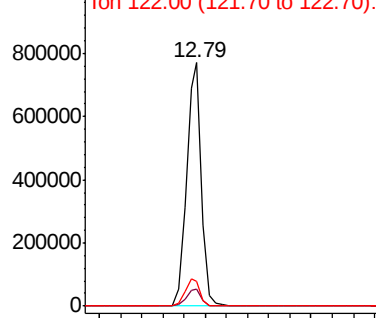


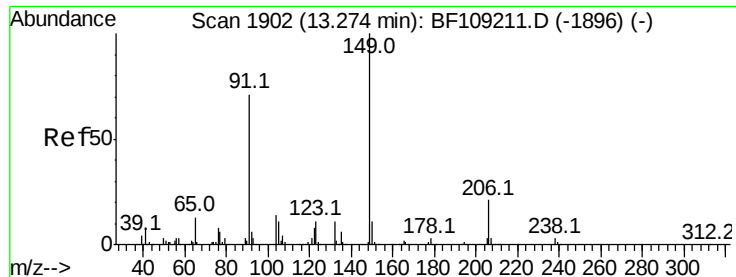
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





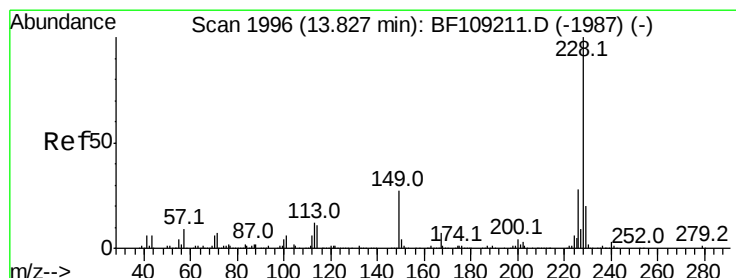
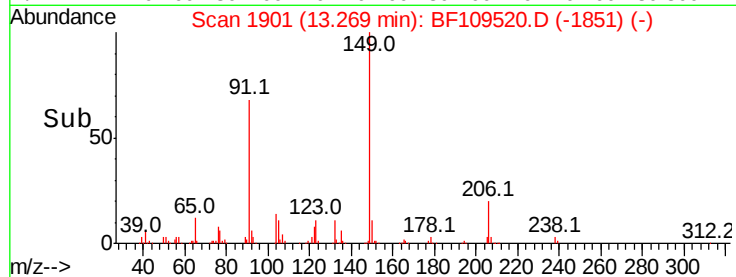
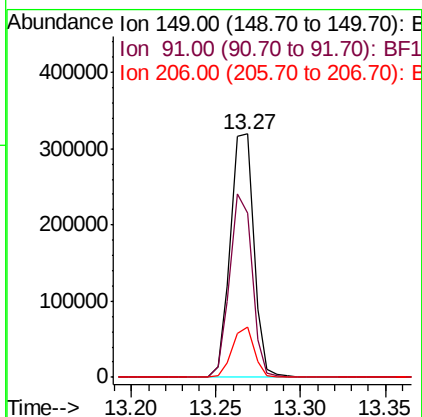
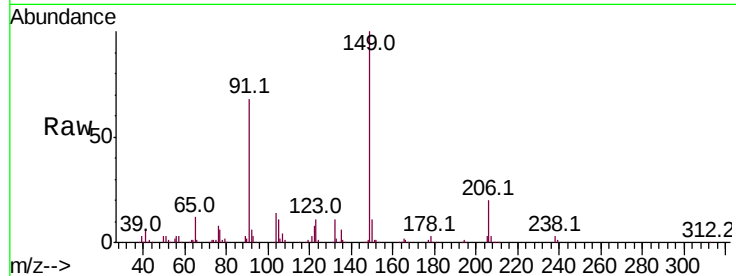
#79  
Butylbenzylphthalate  
Concen: 43.951 ng  
RT: 13.27 min Scan# 1901  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 67.7  | 56.8  | 85.2  |
| 206     | 20.4  | 14.1  | 21.1  |

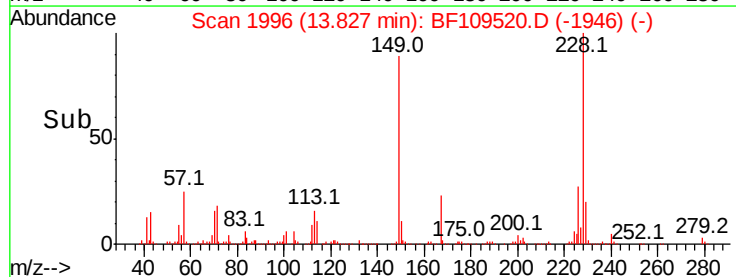
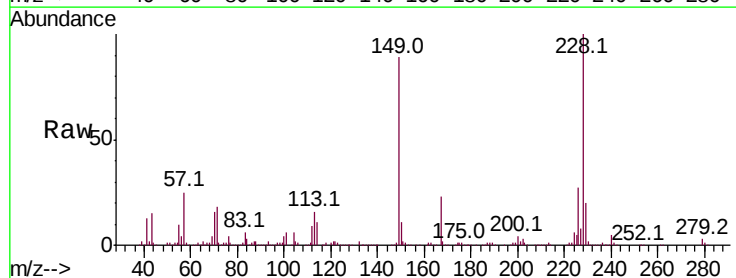
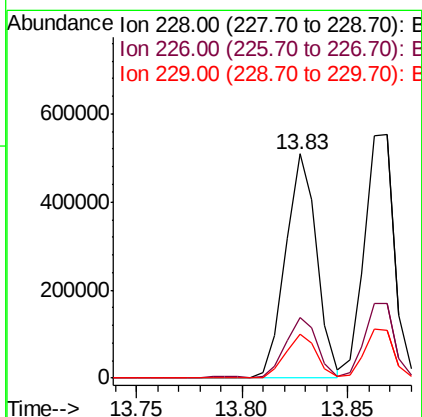
Manual Integrations  
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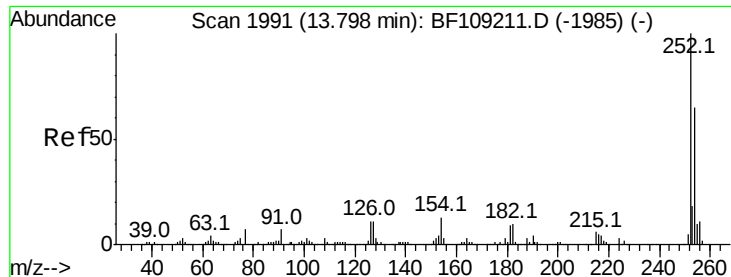
Sohil  
10/3/2018 9:31:12 AM



#80  
Benzo(a)anthracene  
Concen: 37.483 ng  
RT: 13.83 min Scan# 1996  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.3  | 22.6  | 33.8  |
| 229     | 19.7  | 15.8  | 23.6  |





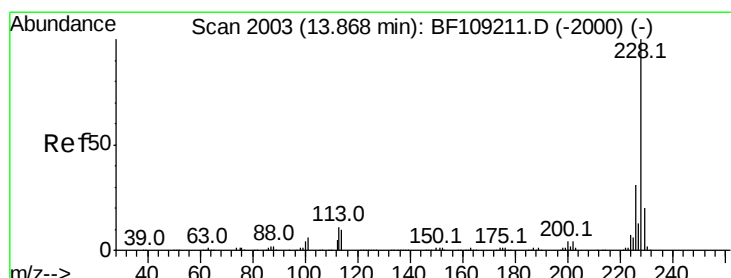
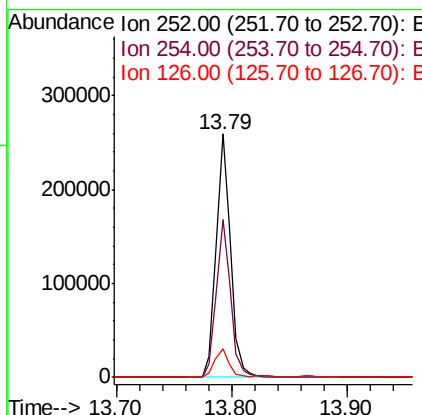
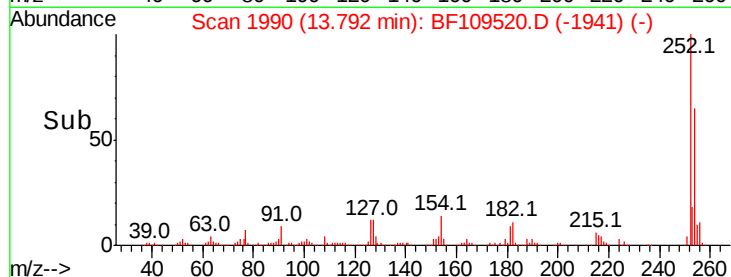
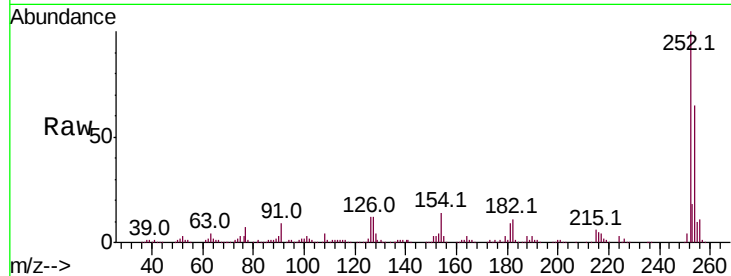
#81  
 3,3'-Dichlorobenzidine  
 Concen: 42.189 ng  
 RT: 13.79 min Scan# 1990  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.6  | 50.4  | 75.6  |
| 126     | 11.8  | 11.3  | 16.9  |

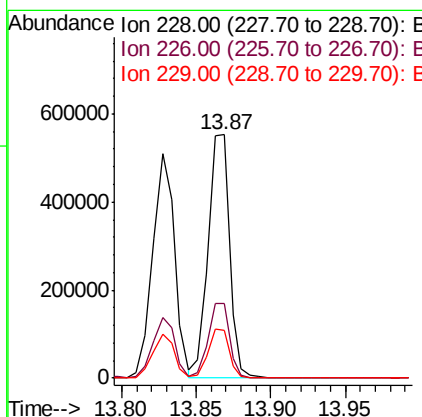
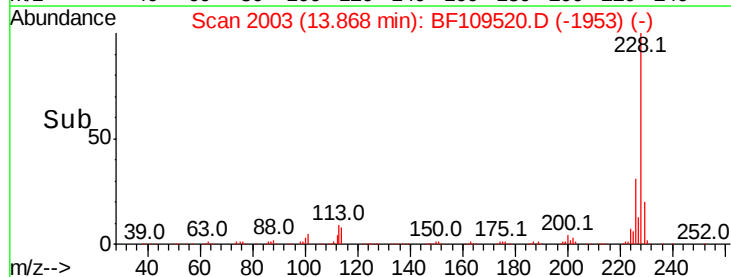
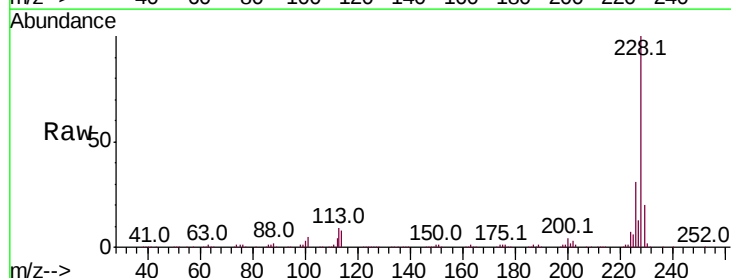
Manual Integrations  
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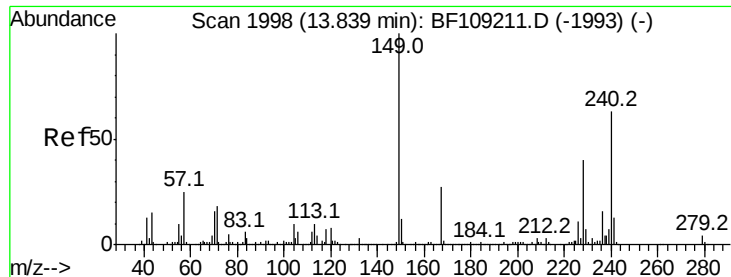
Sohil  
 10/3/2018 9:31:12 AM



#82  
 Chrysene  
 Concen: 39.786 ng  
 RT: 13.87 min Scan# 2003  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.6  | 25.0  | 37.6  |
| 229     | 19.5  | 16.2  | 24.4  |





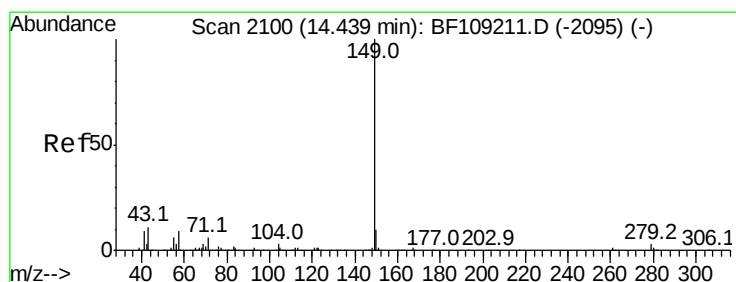
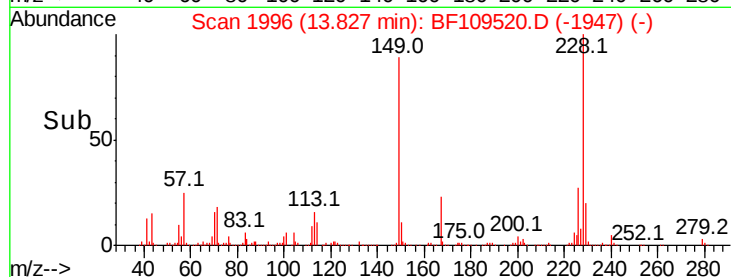
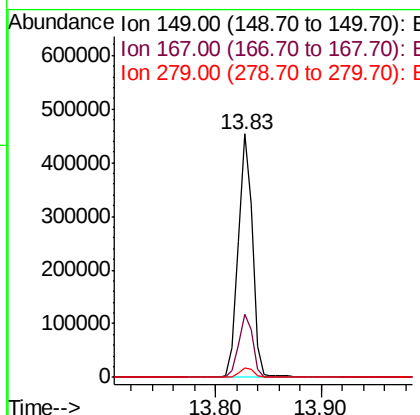
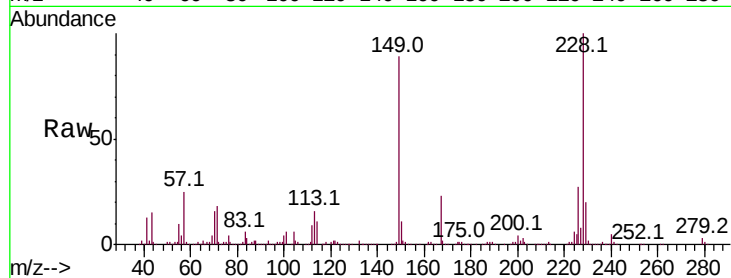
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.236 ng  
 RT: 13.83 min Scan# 1996  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 25.8  | 21.3  | 31.9  |
| 279     | 3.6   | 3.0   | 4.4   |

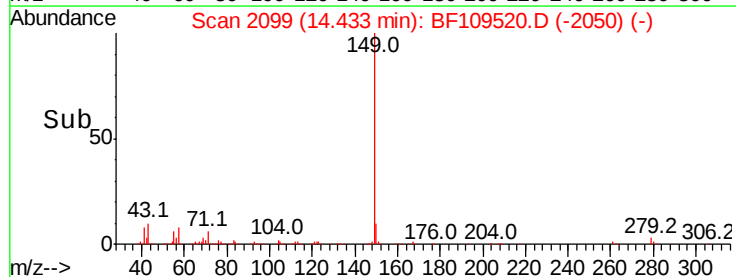
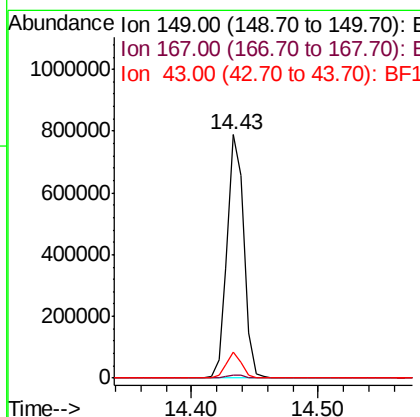
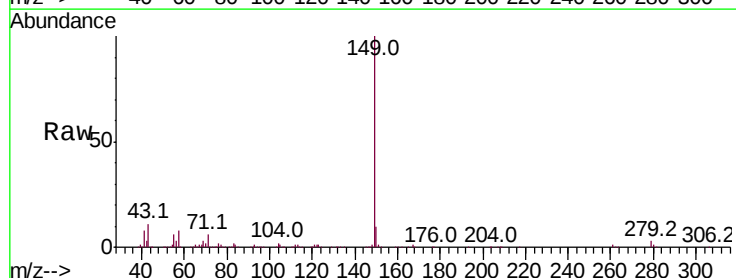
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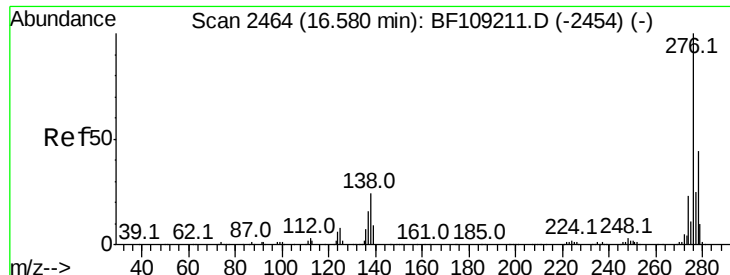
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#84  
 Di-n-octyl phthalate  
 Concen: 47.227 ng  
 RT: 14.43 min Scan# 2099  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.4   | 1.2   | 1.8   |
| 43      | 9.9   | 8.4   | 12.6  |





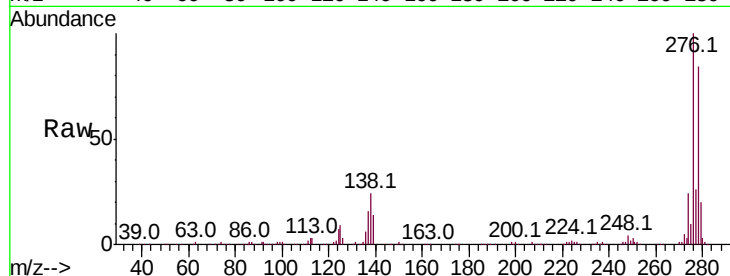
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 45.357 ng  
RT: 16.59 min Scan# 2466  
Delta R.T. 0.00 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.2  | 25.0  | 37.6# |
| 277     | 25.4  | 20.1  | 30.1  |

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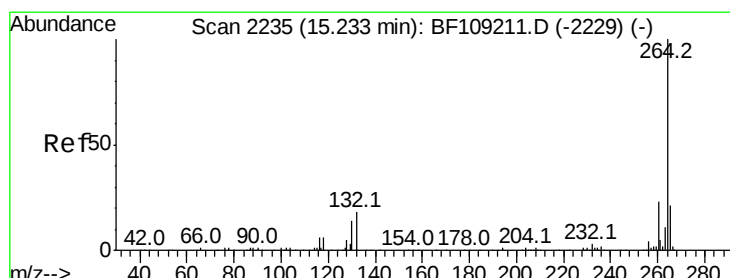
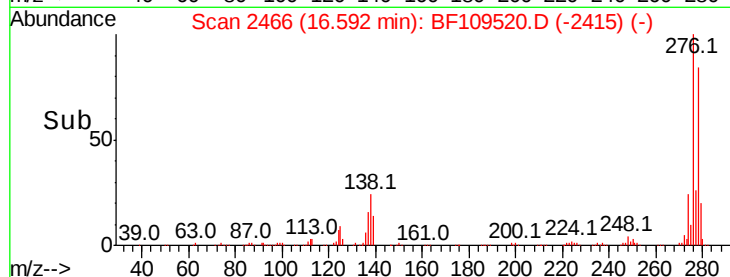
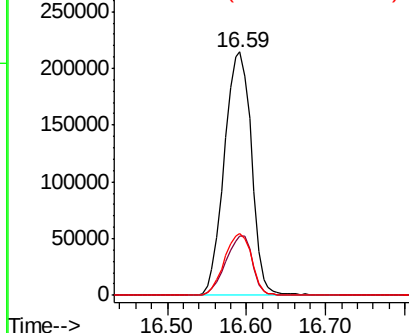


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.24 min Scan# 2236  
Delta R.T. 0.00 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

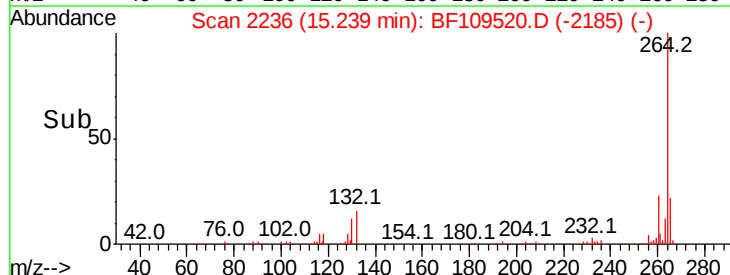
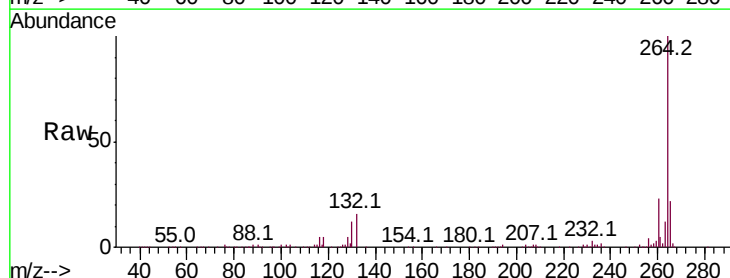
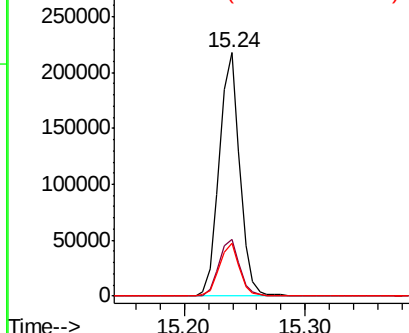
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 19.2  | 28.8  |
| 265     | 21.5  | 17.5  | 26.3  |

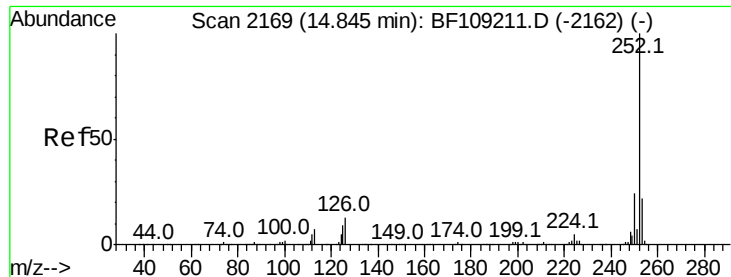
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





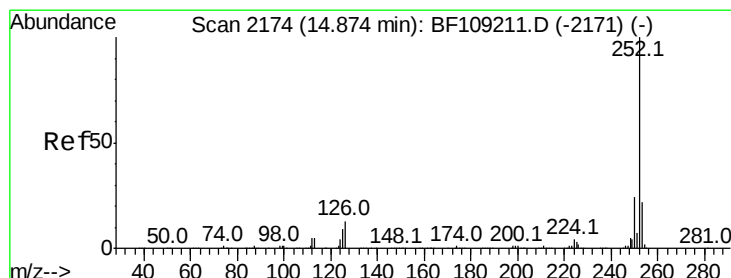
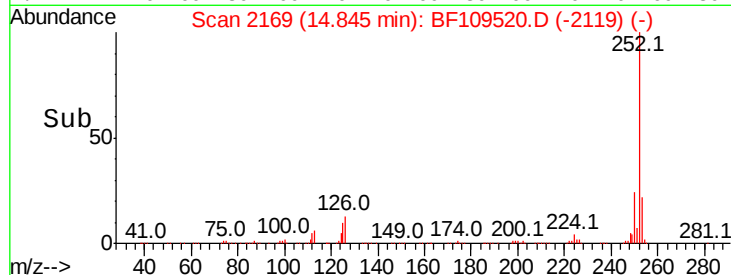
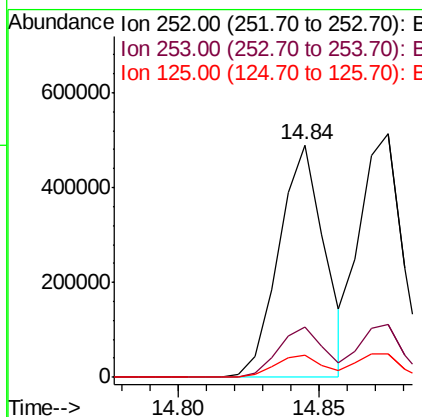
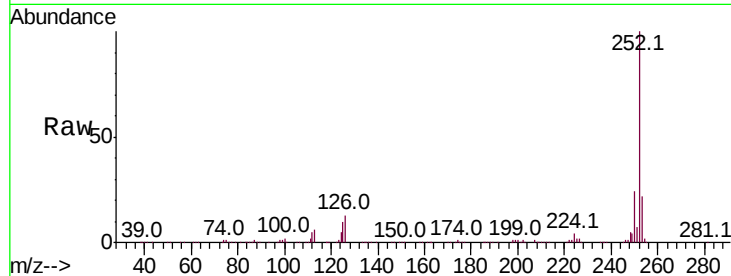
#87  
Benzo(b)fluoranthene  
Concen: 39.349 ng  
RT: 14.84 min Scan# 2169  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.0  | 25.6  |
| 125     | 9.6   | 9.0   | 13.6  |

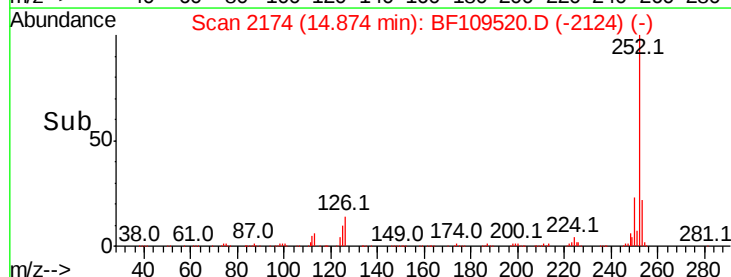
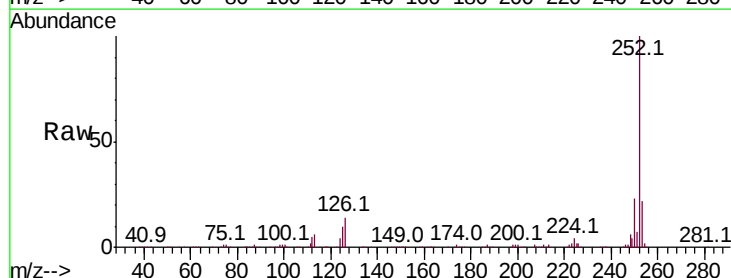
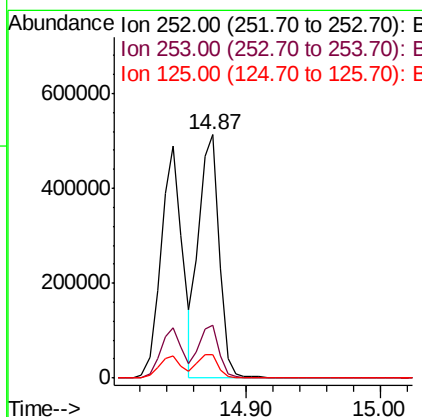
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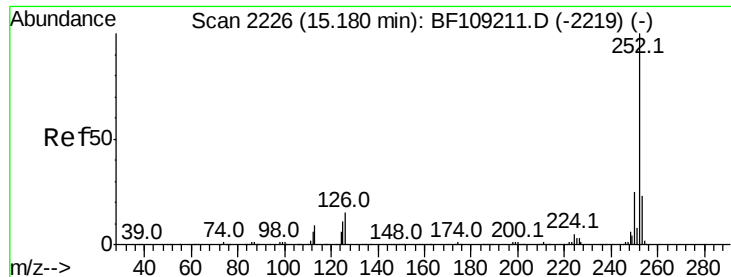
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#88  
Benzo(k)fluoranthene  
Concen: 40.562 ng  
RT: 14.87 min Scan# 2174  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.9  | 26.9  |
| 125     | 9.6   | 10.2  | 15.2# |





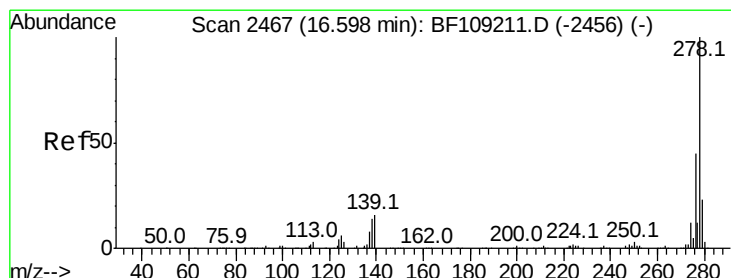
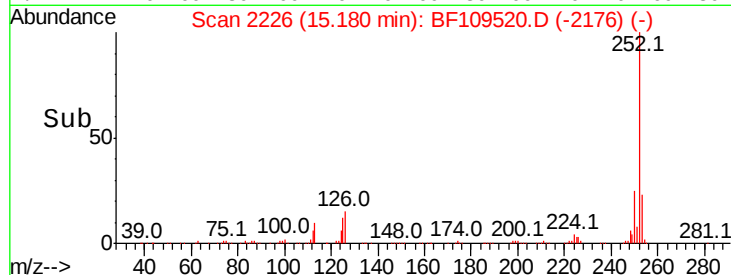
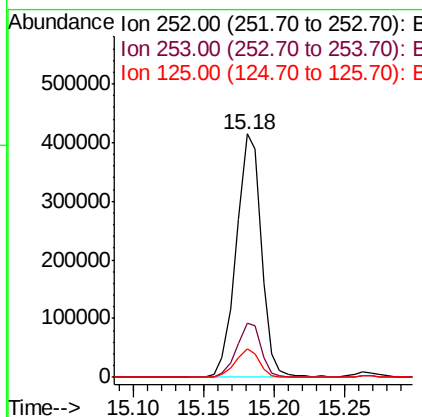
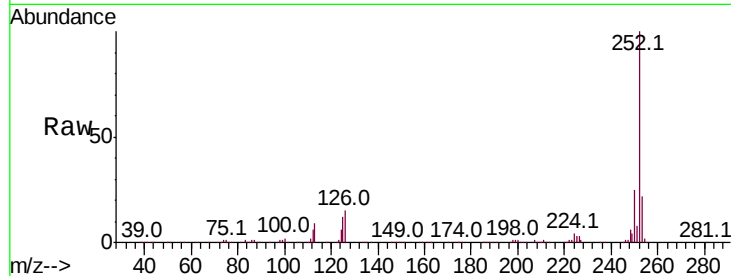
#89  
Benzo(a)pyrene  
Concen: 40.805 ng  
RT: 15.18 min Scan# 2226  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.1  | 25.7  |
| 125     | 11.5  | 9.8   | 14.6  |

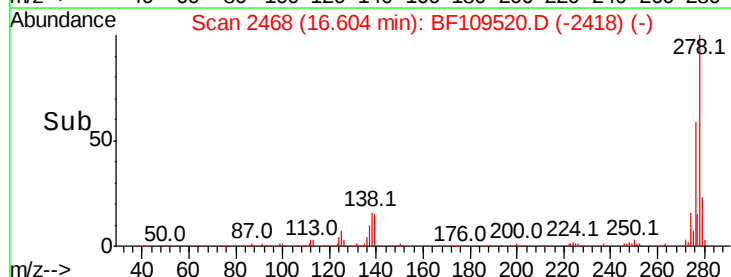
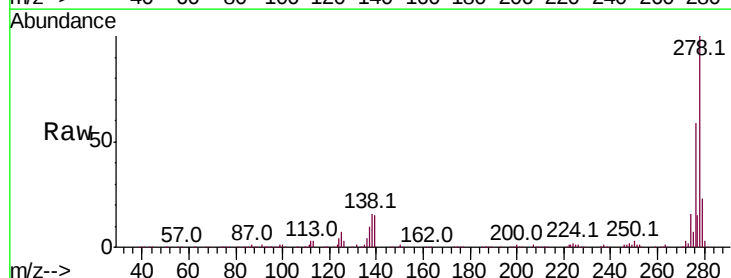
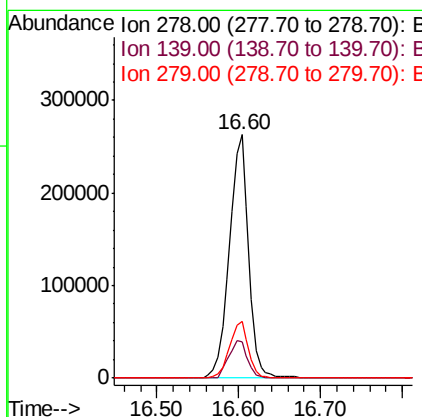
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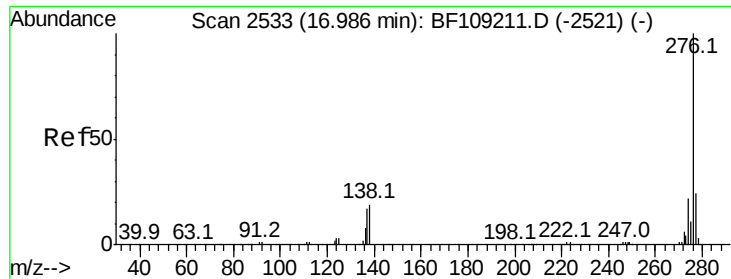
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#90  
Dibenzo(a,h)anthracene  
Concen: 41.675 ng  
RT: 16.60 min Scan# 2468  
Delta R.T. -0.01 min  
Lab File: BF109520.D  
Acq: 3 Oct 2018 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.0  | 15.9  | 23.9# |
| 279     | 23.2  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 39.502 ng  
 RT: 16.99 min Scan# 2534  
 Delta R.T. -0.01 min  
 Lab File: BF109520.D  
 Acq: 3 Oct 2018 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 276     | 100   |      |       |       |
| 277     | 23.3  | 17.9 | 26.9  |       |
| 138     | 20.2  | 21.8 | 32.8  |       |

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