

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_F\DATA\BF021918\  
 Data File : BF103069.D  
 Acq On : 19 Feb 2018 9:22  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 2/20/2018 10:20:12 AM

Quant Time: Feb 19 10:38:33 2018  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 16 14:34:49 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.88  | 152  | 175753   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.16  | 136  | 742294   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.92  | 164  | 336937   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.41 | 188  | 600111   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.06 | 240  | 458147   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.55 | 264  | 442805   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.50  | 112 | 893493  | 77.21 | ng | 0.00 |
| 7) Phenol-d6                | 6.52  | 99  | 1071027 | 76.86 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.45  | 82  | 947399  | 88.54 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 10.72 | 330 | 231095  | 85.21 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 9.24  | 172 | 1497234 | 73.74 | ng | 0.00 |
| 78) Terphenyl-d14           | 13.00 | 244 | 1337319 | 69.11 | ng | 0.00 |

|                                |      |     |         |        |        |      |
|--------------------------------|------|-----|---------|--------|--------|------|
| Target Compounds               |      |     |         |        | Qvalue |      |
| 2) 1,4-Dioxane                 | 2.65 | 88  | 225525  | 39.454 | ng     | 88   |
| 3) Pyridine                    | 3.42 | 79  | 632807  | 40.070 | ng     | 91   |
| 4) n-Nitrosodimethylamine      | 3.38 | 42  | 253470  | 37.512 | ng     | 97   |
| 6) Aniline                     | 6.55 | 93  | 754910  | 36.685 | ng     | 95   |
| 8) 2-Chlorophenol              | 6.67 | 128 | 466559  | 39.159 | ng     | 96   |
| 9) Benzaldehyde                | 6.43 | 77  | 331268m | 32.012 | ng     |      |
| 10) Phenol                     | 6.53 | 94  | 615001  | 41.183 | ng     | 85   |
| 11) bis(2-Chloroethyl)ether    | 6.62 | 93  | 473519  | 38.106 | ng     | 91   |
| 12) 1,3-Dichlorobenzene        | 6.82 | 146 | 527667  | 38.245 | ng     | 99   |
| 13) 1,4-Dichlorobenzene        | 6.90 | 146 | 525552  | 38.239 | ng     | 99   |
| 14) 1,2-Dichlorobenzene        | 7.05 | 146 | 485235  | 37.905 | ng     | 99   |
| 15) Benzyl Alcohol             | 7.02 | 79  | 416855  | 38.910 | ng     | 100  |
| 16) 2,2'-oxybis(1-Chloropropan | 7.15 | 45  | 824719  | 34.938 | ng     | 99   |
| 17) 2-Methylphenol             | 7.13 | 107 | 420849  | 38.294 | ng     | 99   |
| 18) Hexachloroethane           | 7.39 | 117 | 191543  | 40.642 | ng     | 96   |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70  | 317044  | 34.509 | ng     | 96   |
| 20) 3+4-Methylphenols          | 7.29 | 107 | 474419  | 35.006 | ng     | # 75 |
| 22) Acetophenone               | 7.29 | 105 | 622920  | 34.293 | ng     | # 89 |
| 24) Nitrobenzene               | 7.47 | 77  | 519447  | 41.263 | ng     | 97   |
| 25) Isophorone                 | 7.70 | 82  | 903530  | 36.670 | ng     | 100  |
| 26) 2-Nitrophenol              | 7.78 | 139 | 267074  | 50.990 | ng     | 97   |
| 27) 2,4-Dimethylphenol         | 7.82 | 122 | 372195  | 35.755 | ng     | 99   |
| 28) bis(2-Chloroethoxy)methane | 7.91 | 93  | 549725  | 37.662 | ng     | 100  |
| 29) 2,4-Dichlorophenol         | 8.02 | 162 | 373338  | 39.452 | ng     | 98   |
| 30) 1,2,4-Trichlorobenzene     | 8.10 | 180 | 403482  | 37.690 | ng     | 99   |
| 31) Naphthalene                | 8.19 | 128 | 1333146 | 36.759 | ng     | 99   |
| 32) Benzoic acid               | 7.95 | 122 | 345238m | 47.248 | ng     |      |
| 33) 4-Chloroaniline            | 8.23 | 127 | 596846  | 38.202 | ng     | 97   |
| 34) Hexachlorobutadiene        | 8.30 | 225 | 207282  | 37.786 | ng     | 97   |
| 35) Caprolactam                | 8.62 | 113 | 136655  | 41.582 | ng     | # 77 |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107 | 417977  | 39.311 | ng     | 99   |
| 37) 2-Methylnaphthalene        | 8.87 | 142 | 868157  | 36.563 | ng     | 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.05 | 216 | 351160  | 38.277 | ng     | 98   |
| 40) Hexachlorocyclopentadiene  | 9.03 | 237 | 163886  | 37.578 | ng     | 98   |

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_F\DATA\BF021918\  
 Data File : BF103069.D  
 Acq On : 19 Feb 2018 9:22  
 Operator : SJ/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC0040

Manual Integrations  
 APPROVED

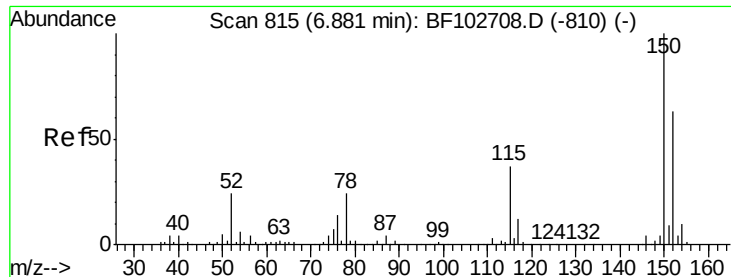
Sohil  
 2/20/2018 10:20:12 AM

Quant Time: Feb 19 10:38:33 2018  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 16 14:34:49 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.16  | 196  | 245173   | 40.687 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.20  | 196  | 282050   | 41.528 | ng    | 99       |
| 45) 1,1'-Biphenyl              | 9.34  | 154  | 1042729  | 36.743 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.37  | 162  | 842988   | 37.731 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.46  | 65   | 320580   | 46.608 | ng    | 87       |
| 48) Acenaphthylene             | 9.79  | 152  | 1296639  | 37.366 | ng    | 100      |
| 49) Dimethylphthalate          | 9.64  | 163  | 1020489  | 38.844 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.71  | 165  | 223054   | 44.627 | ng    | 91       |
| 51) Acenaphthene               | 9.96  | 154  | 748685   | 36.077 | ng    | 98       |
| 52) 3-Nitroaniline             | 9.88  | 138  | 283580   | 46.110 | ng    | 94       |
| 53) 2,4-Dinitrophenol          | 9.99  | 184  | 85074    | 61.089 | ng    | # 19     |
| 54) Dibenzofuran               | 10.13 | 168  | 1066757  | 36.476 | ng    | 97       |
| 55) 4-Nitrophenol              | 10.04 | 139  | 185582   | 38.897 | ng    | 92       |
| 56) 2,4-Dinitrotoluene         | 10.12 | 165  | 294248   | 44.158 | ng    | 95       |
| 57) Fluorene                   | 10.47 | 166  | 846404   | 39.778 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.25 | 232  | 189205   | 40.194 | ng    | 99       |
| 59) Diethylphthalate           | 10.34 | 149  | 966889   | 37.273 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.46 | 204  | 375623   | 39.905 | ng    | 98       |
| 61) 4-Nitroaniline             | 10.50 | 138  | 285092   | 48.701 | ng    | 88       |
| 62) Azobenzene                 | 10.62 | 77   | 958481   | 36.986 | ng    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 148725   | 56.253 | ng    | 93       |
| 65) n-Nitrosodiphenylamine     | 10.58 | 169  | 769854   | 36.369 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.95 | 248  | 236314   | 37.226 | ng    | 92       |
| 67) Hexachlorobenzene          | 11.02 | 284  | 261854   | 37.391 | ng    | 92       |
| 68) Atrazine                   | 11.10 | 200  | 240553   | 38.521 | ng    | 98       |
| 69) Pentachlorophenol          | 11.22 | 266  | 145564   | 35.409 | ng    | 97       |
| 70) Phenanthrene               | 11.44 | 178  | 1204653  | 36.043 | ng    | 98       |
| 71) Anthracene                 | 11.49 | 178  | 1252088  | 36.833 | ng    | 100      |
| 72) Carbazole                  | 11.64 | 167  | 1244222  | 37.361 | ng    | 100      |
| 73) Di-n-butylphthalate        | 11.96 | 149  | 1568380  | 38.769 | ng    | 99       |
| 74) Fluoranthene               | 12.63 | 202  | 1255508  | 37.337 | ng    | 99       |
| 76) Benzdine                   | 12.74 | 184  | 901610   | 42.819 | ng    | 98       |
| 77) Pyrene                     | 12.86 | 202  | 1298317  | 36.139 | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.46 | 149  | 698561   | 40.807 | ng    | 100      |
| 80) Benzo(a)anthracene         | 14.04 | 228  | 1125214  | 39.052 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 414502   | 38.799 | ng    | 99       |
| 82) Chrysene                   | 14.09 | 228  | 1064615  | 36.654 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 929282   | 42.225 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 14.64 | 149  | 1542234  | 46.670 | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 17.07 | 276  | 941253   | 39.073 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 15.12 | 252  | 1084562  | 37.778 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 15.14 | 252  | 985046   | 35.910 | ng    | 99       |
| 89) Benzo(a)pyrene             | 15.49 | 252  | 962961   | 37.264 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.09 | 278  | 779846   | 37.181 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.53 | 276  | 781192   | 38.052 | ng    | 99       |

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





#1

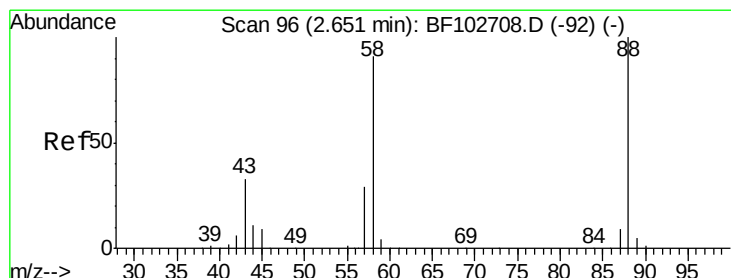
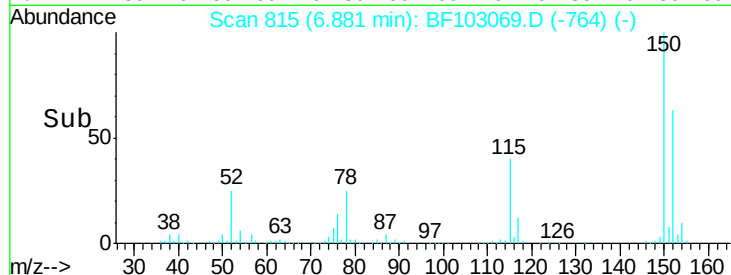
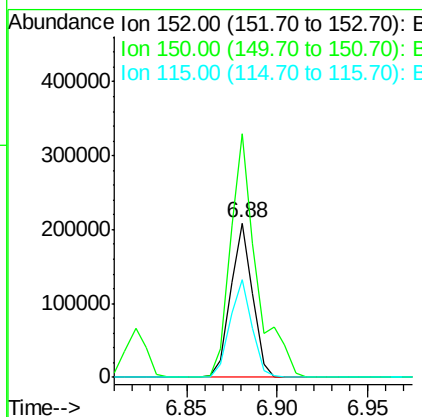
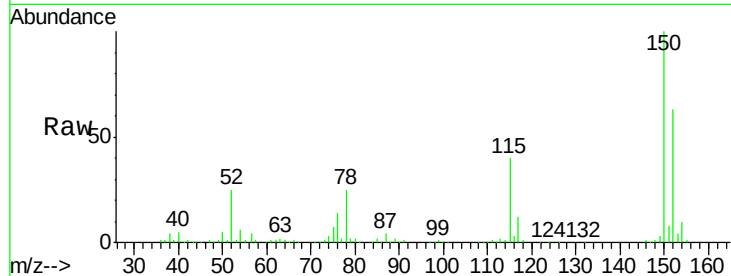
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.88 min Scan# 815  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.5 | 124.6 | 186.8 |
| 115     | 62.9  | 50.1  | 75.1  |

Manual Integrations  
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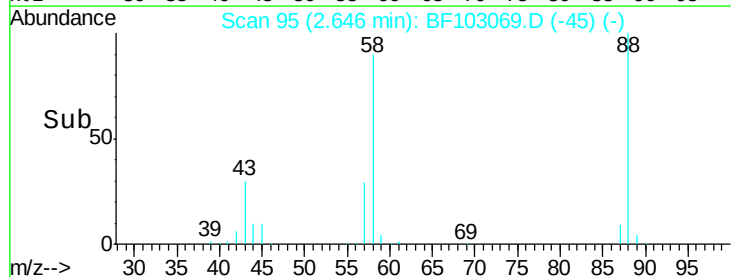
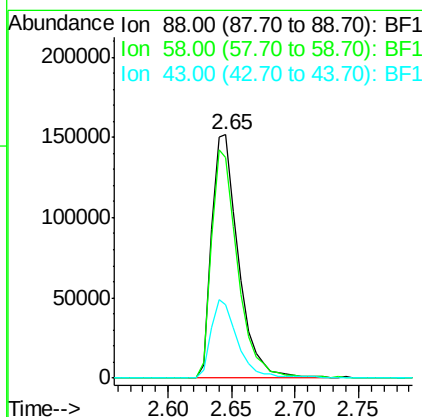
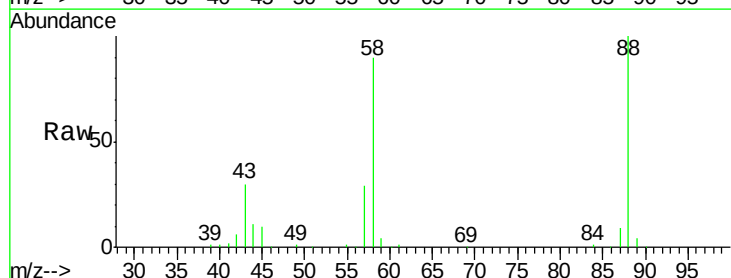
Sohil  
2/20/2018 10:20:12 AM

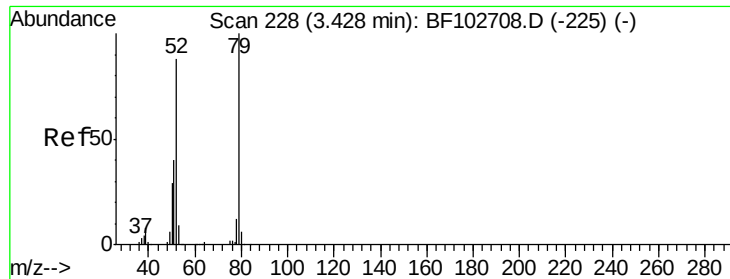


#2

1,4-Dioxane  
Concen: 39.454 ng  
RT: 2.65 min Scan# 95  
Delta R.T. -0.01 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 92.1  | 62.6  | 93.8  |
| 43      | 32.6  | 24.6  | 37.0  |





#3

Pyridine

Concen: 40.070 ng

RT: 3.42 min Scan# 227

Delta R.T. -0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

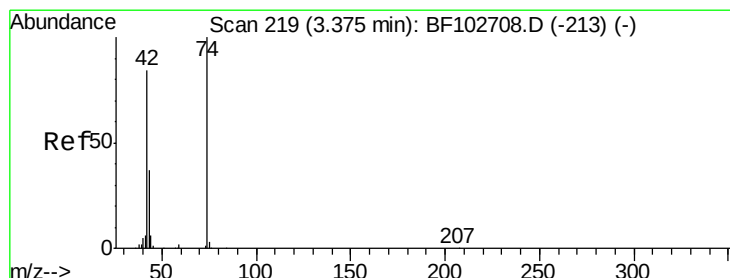
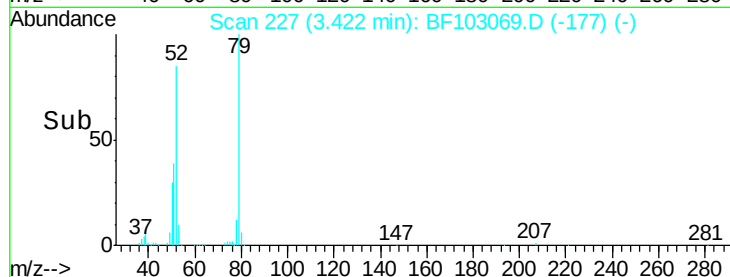
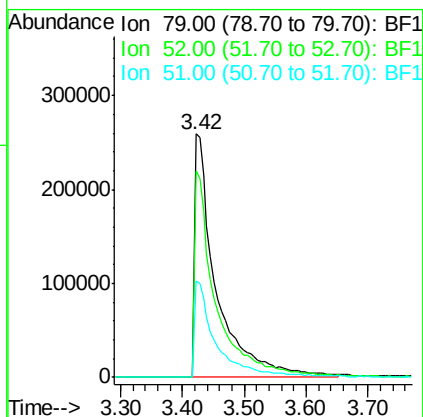
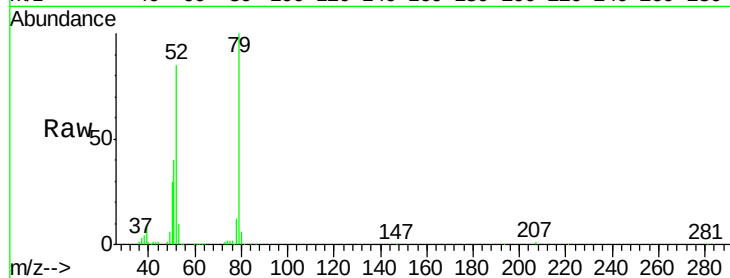
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 632807 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 84.6  | 59.8  | 89.6   |
| 51        | 39.6  | 29.8  | 44.8   |

Manual Integrations  
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Sohil  
2/20/2018 10:20:12 AM



#4

n-Nitrosodimethylamine

Concen: 37.512 ng

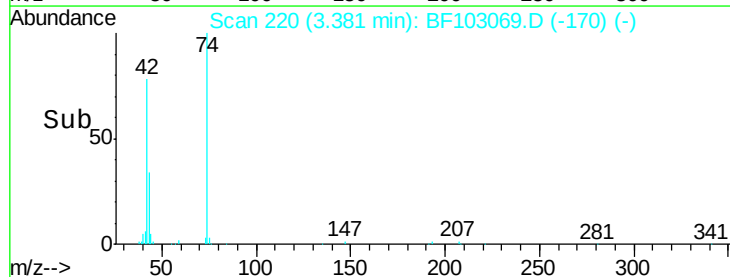
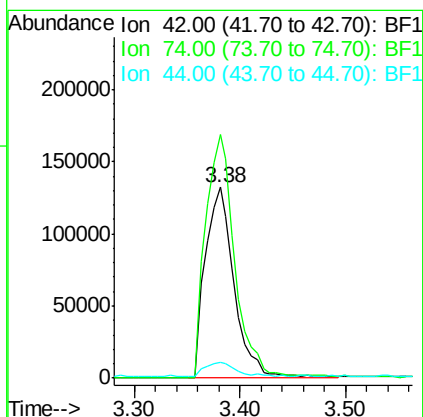
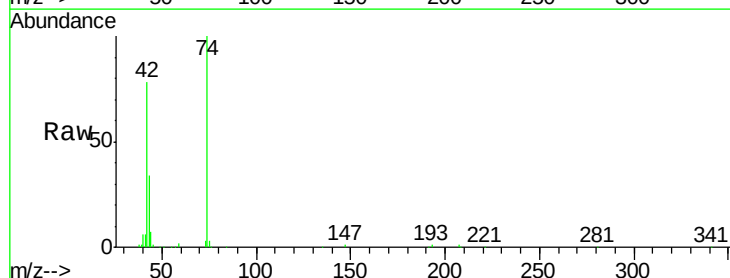
RT: 3.38 min Scan# 220

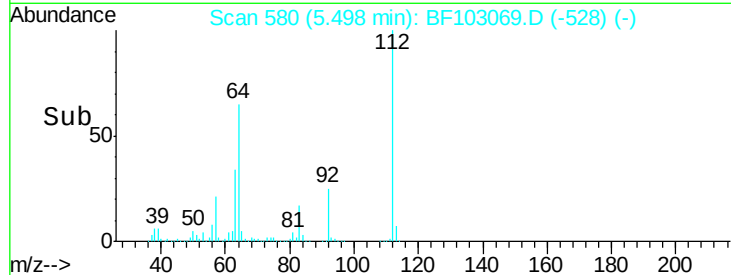
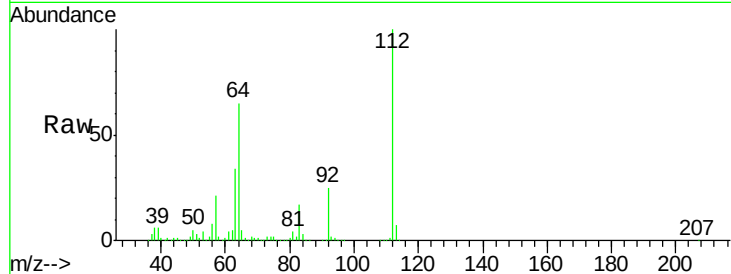
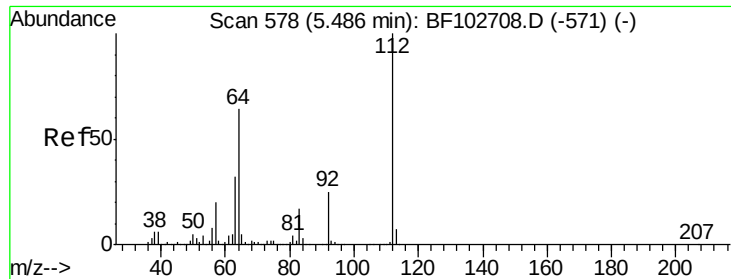
Delta R.T. -0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 253470 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 127.6 | 104.9 | 157.3  |
| 44        | 8.3   | 6.9   | 10.3   |





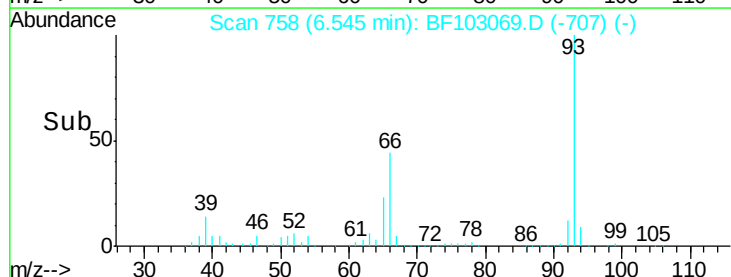
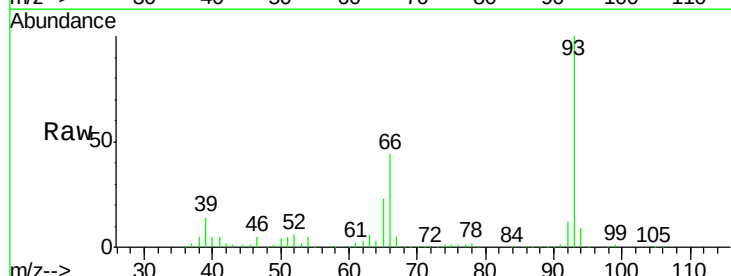
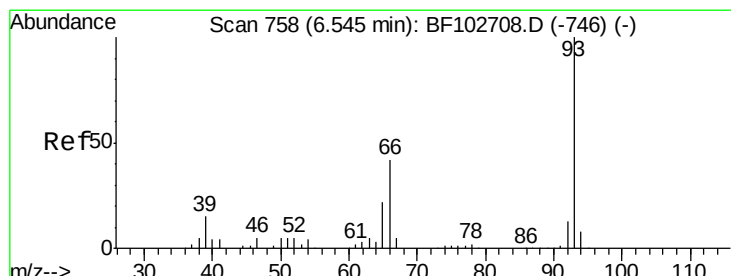
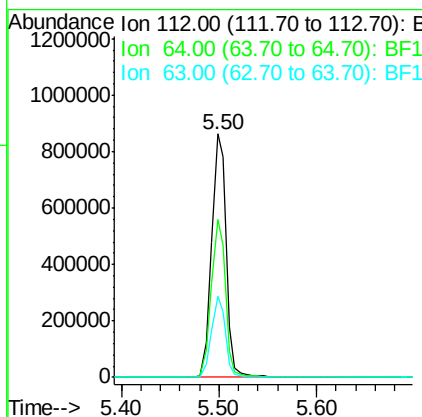
#5  
2-Fluorophenol  
Concen: 77.206 ng  
RT: 5.50 min Scan# 580  
Delta R.T. 0.01 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 893493 |       |       |
| 64      | 64.7  | 47.9   | 71.9  |       |
| 63      | 33.5  | 23.7   | 35.5  |       |

Instrument :  
BNA\_F  
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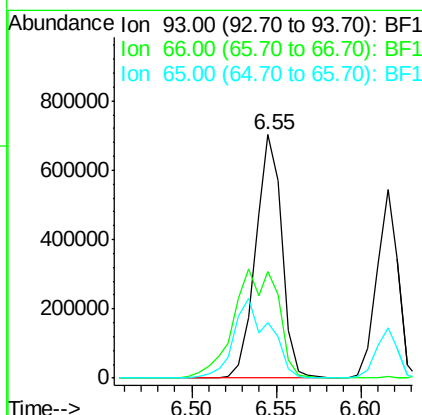
Manual Integrations  
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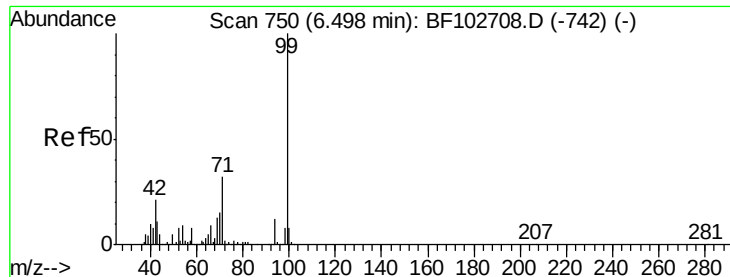
Sohil  
2/20/2018 10:20:12 AM



#6  
Aniline  
Concen: 36.685 ng  
RT: 6.55 min Scan# 758  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 754910 |       |       |
| 66      | 43.9  | 32.2   | 48.2  |       |
| 65      | 22.6  | 16.4   | 24.6  |       |





#7

Phenol-d6

Concen: 76.862 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1071027

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

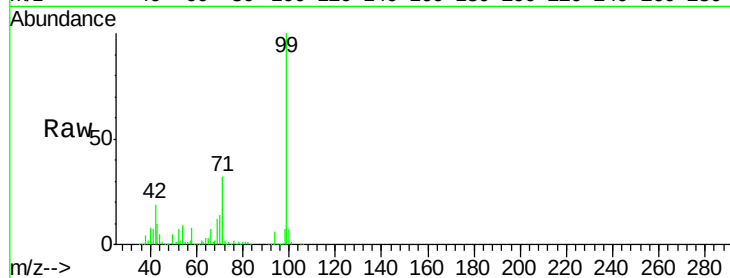
71 31.6 25.4 38.0

Manual Integrations

APPROVED

Sohil

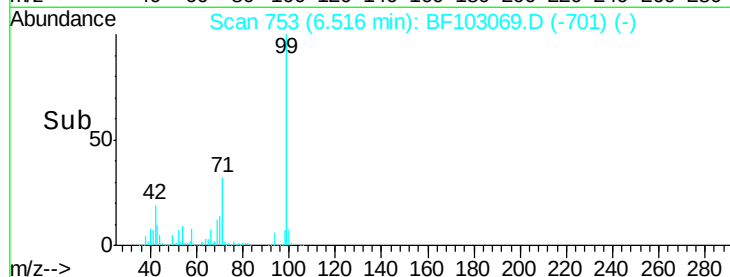
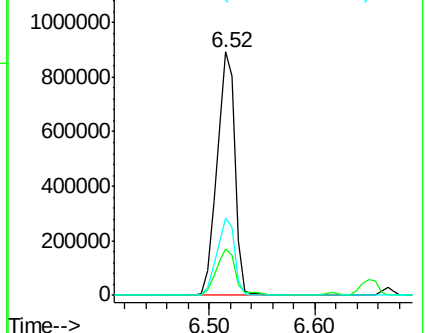
2/20/2018 10:20:12 AM



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: 39.159 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

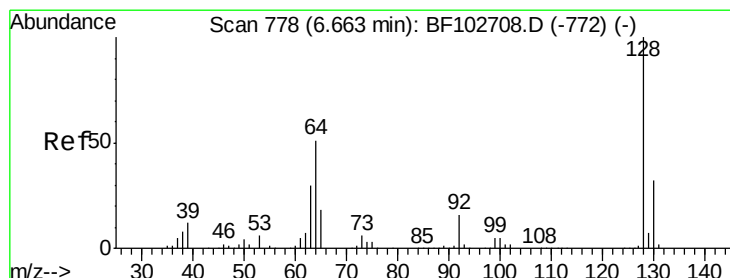
Tgt Ion: 128 Resp: 466559

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

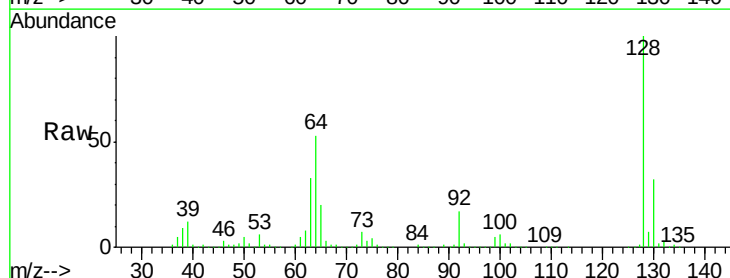
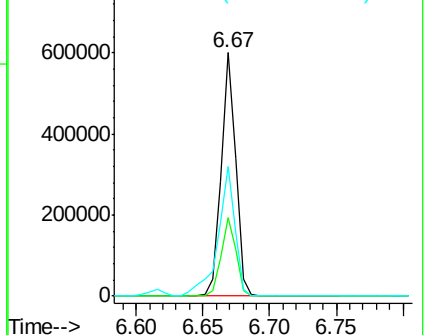
64 53.2 29.4 69.4



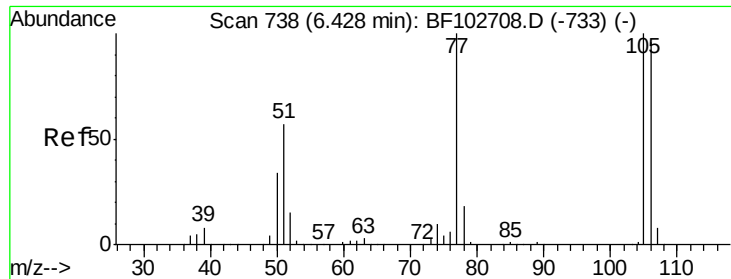
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







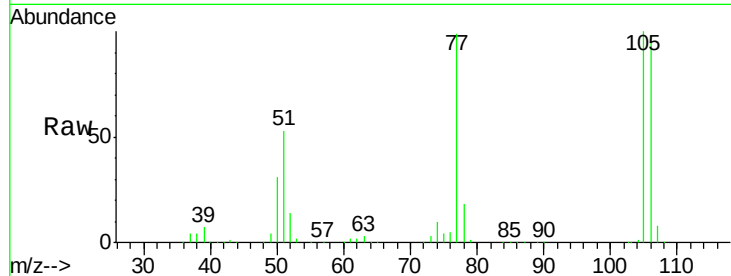
#9  
Benzaldehyde  
Concen: 32.012 ng m  
RT: 6.43 min Scan# 739  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

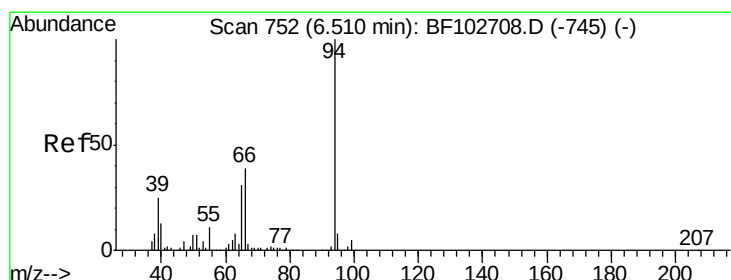
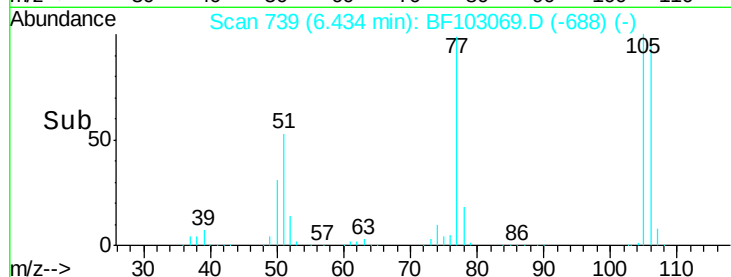
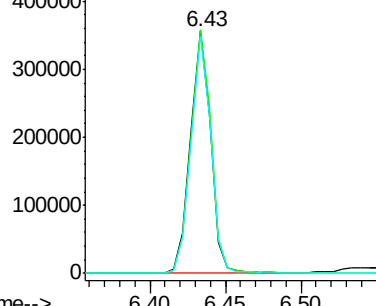
Tgt Ion: 77 Resp: 331268  
Ion Ratio Lower Upper  
77 100  
105 100.5 81.1 121.1  
106 98.2 74.5 114.5

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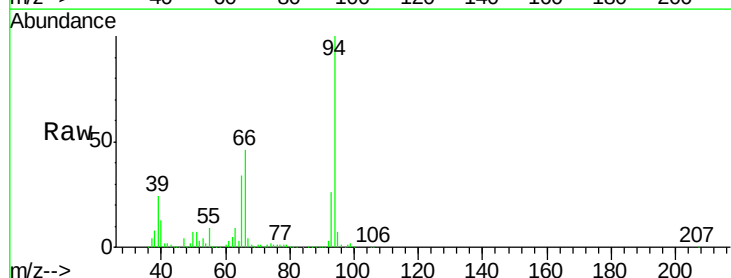


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 105.00 (104.70 to 105.70): BF1  
Ion 106.00 (105.70 to 106.70): BF1

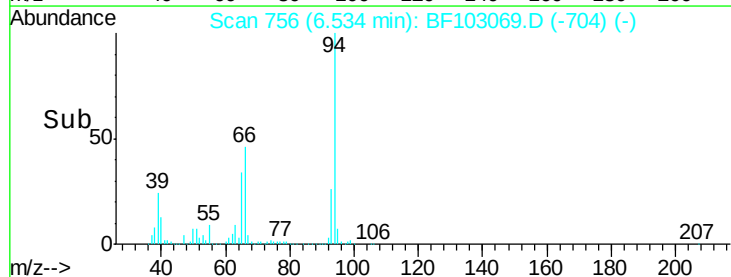
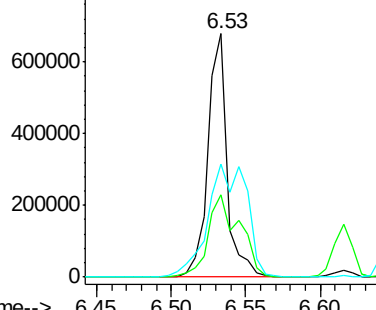


#10  
Phenol  
Concen: 41.183 ng  
RT: 6.53 min Scan# 756  
Delta R.T. 0.01 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

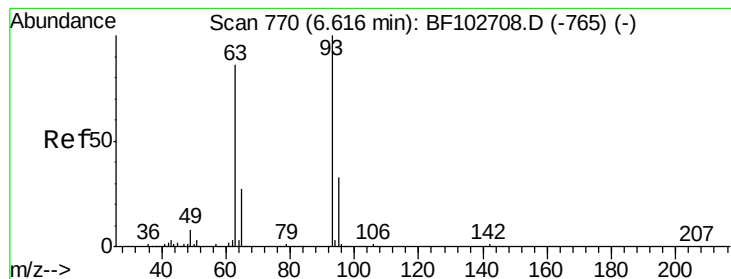
Tgt Ion: 94 Resp: 615001  
Ion Ratio Lower Upper  
94 100  
65 33.8 7.9 47.9  
66 46.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1







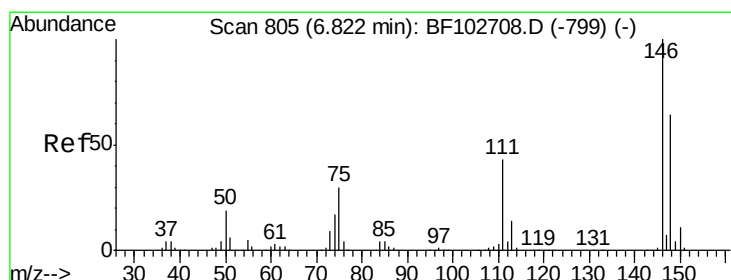
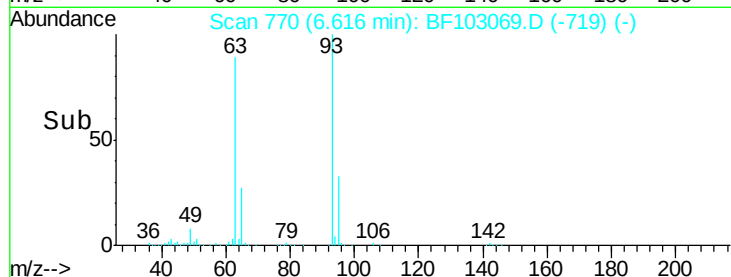
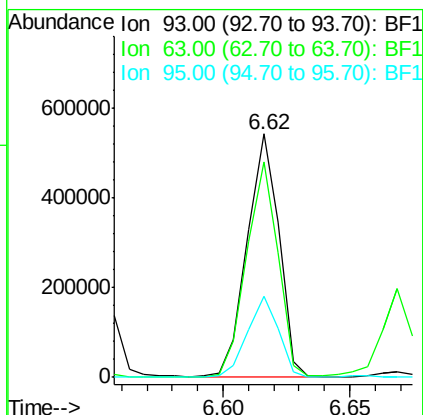
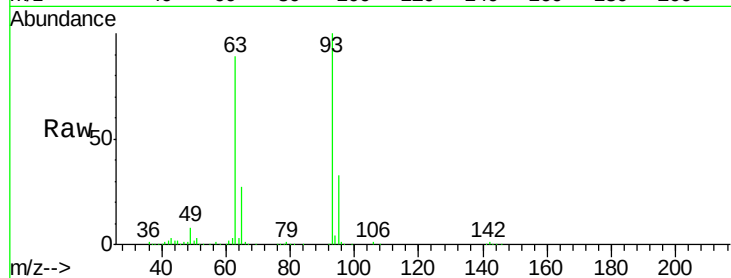
#11  
bis(2-Chloroethyl)ether  
Concen: 38.106 ng  
RT: 6.62 min Scan# 770  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 88.6  | 58.6  | 98.6  |
| 95      | 33.1  | 11.8  | 51.8  |

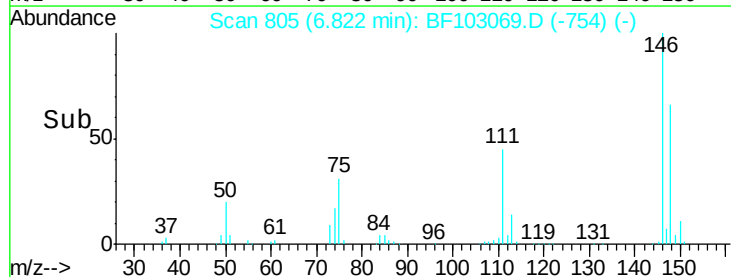
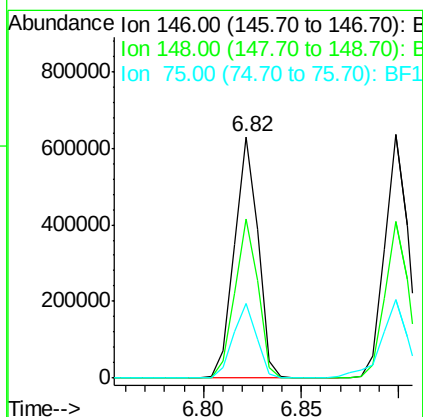
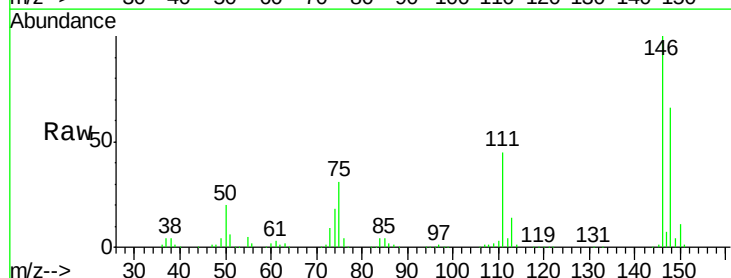
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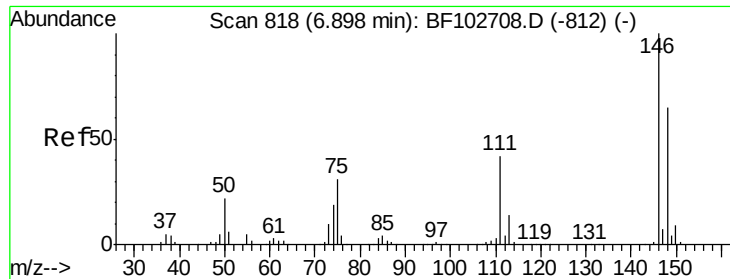
Sohil  
2/20/2018 10:20:12 AM



#12  
1,3-Dichlorobenzene  
Concen: 38.245 ng  
RT: 6.82 min Scan# 805  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.7  | 51.8  | 77.8  |
| 75      | 30.9  | 24.2  | 36.4  |





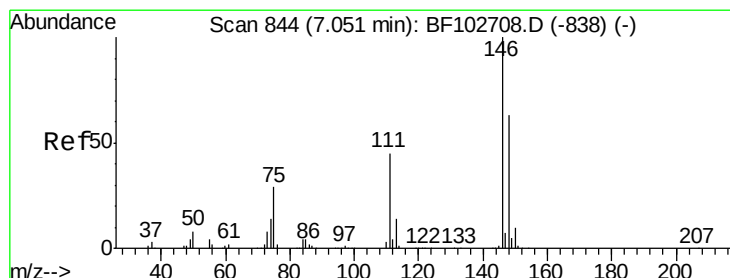
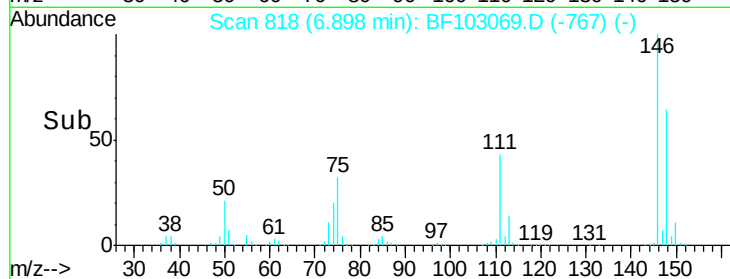
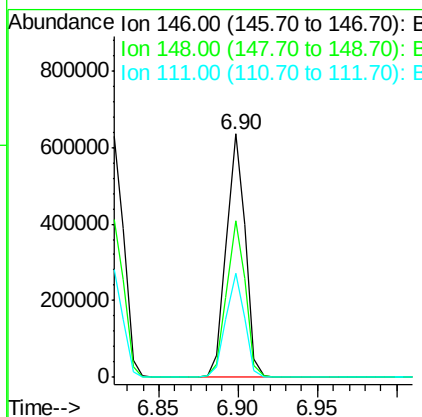
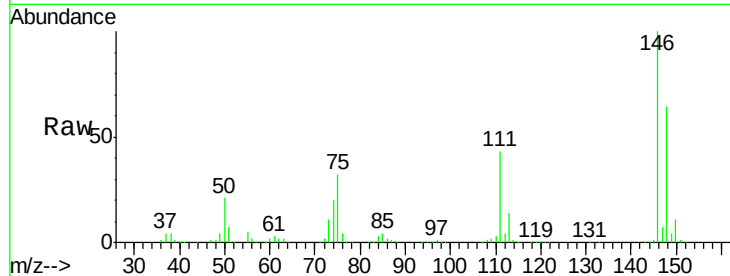
#13  
 1,4-Dichlorobenzene  
 Concen: 38.239 ng  
 RT: 6.90 min Scan# 818  
 Delta R.T. -0.00 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 525552 |       |       |
| 148     | 64.1  | 50.8   | 76.2  |       |
| 111     | 42.6  | 34.2   | 51.2  |       |

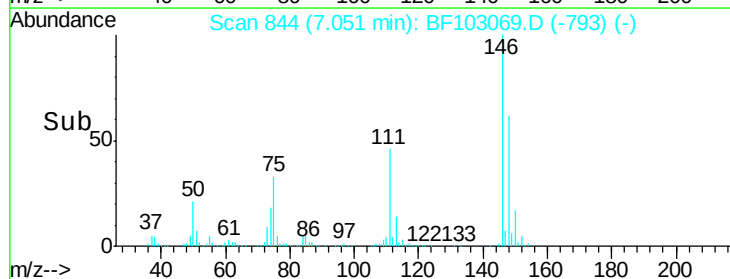
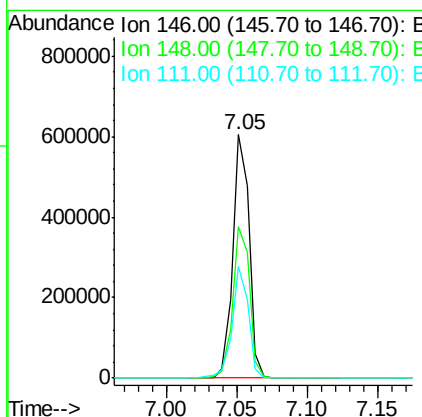
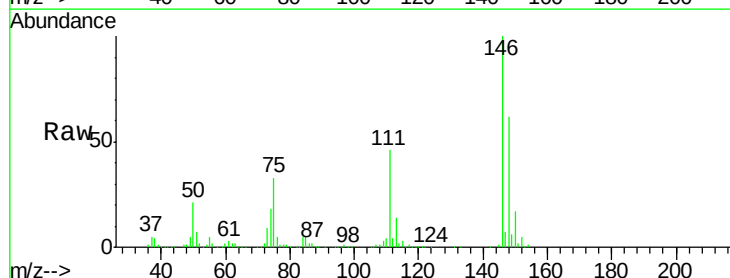
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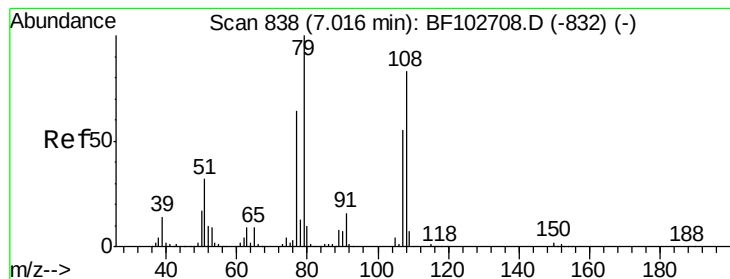
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 2/20/2018 10:20:12 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 37.905 ng  
 RT: 7.05 min Scan# 844  
 Delta R.T. -0.00 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 485235 |       |       |
| 148     | 62.2  | 50.6   | 75.8  |       |
| 111     | 46.0  | 36.0   | 54.0  |       |





#15

Benzyl Alcohol

Concen: 38.910 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

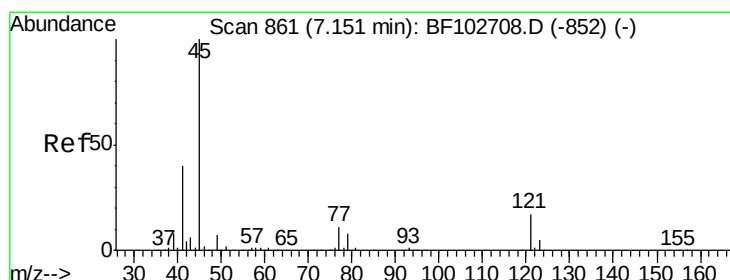
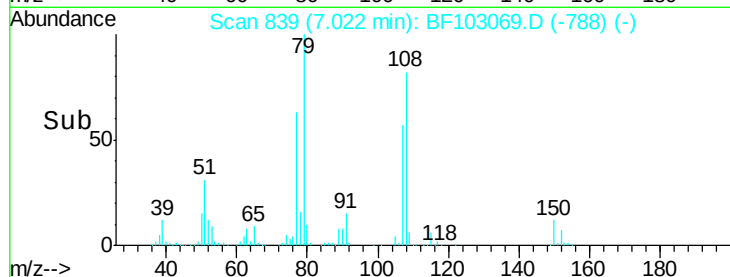
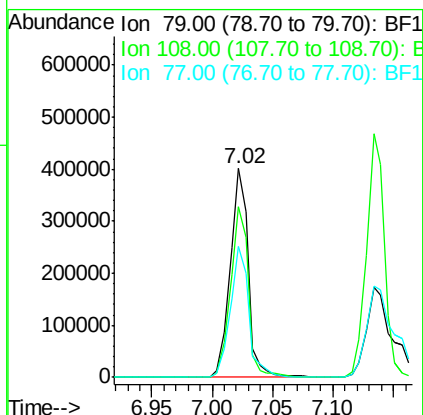
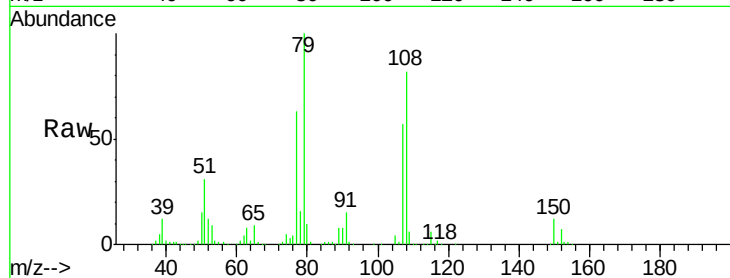
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 416855 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 81.7  | 65.1  | 97.7   |
| 77        | 62.9  | 50.6  | 75.8   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.938 ng

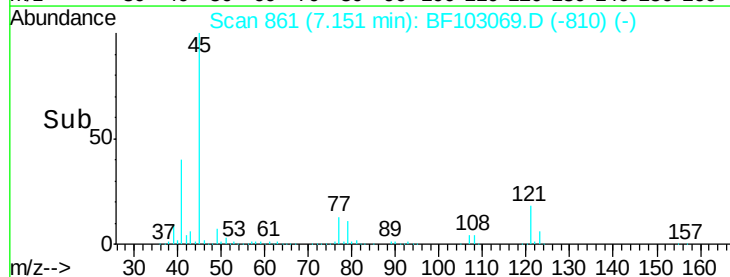
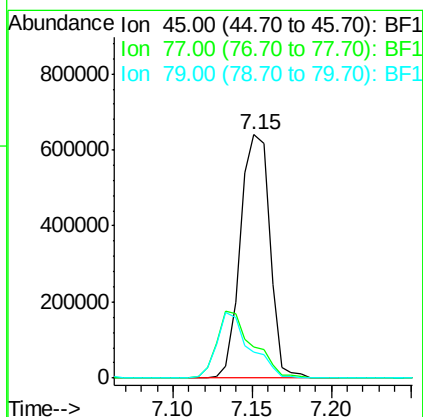
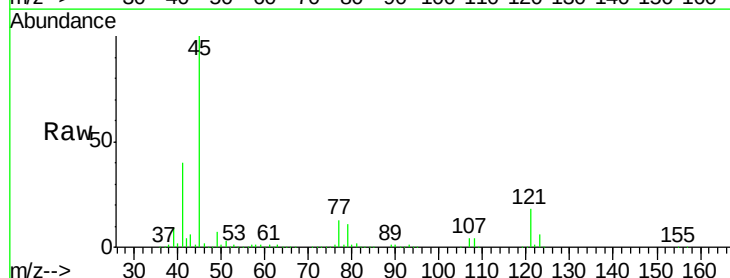
RT: 7.15 min Scan# 861

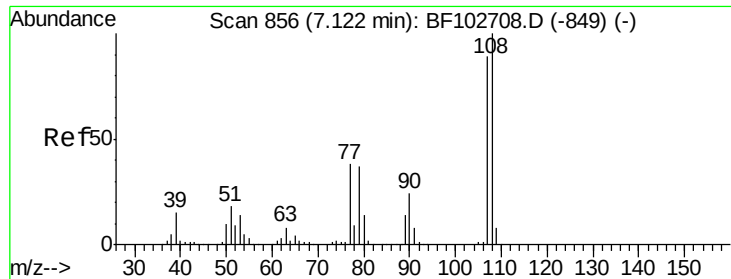
Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 824719 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 13.0  | 0.0   | 32.9   |
| 79        | 10.6  | 0.0   | 29.6   |





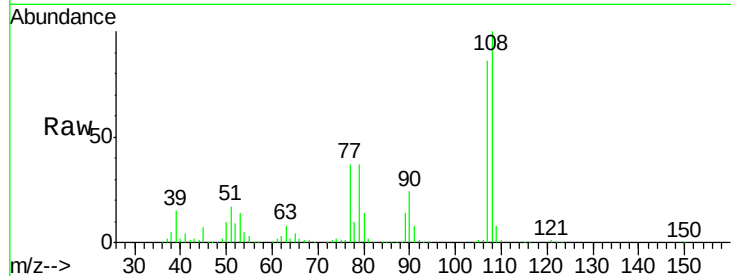
#17  
2-Methylphenol  
Concen: 38.294 ng  
RT: 7.13 min Scan# 858  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

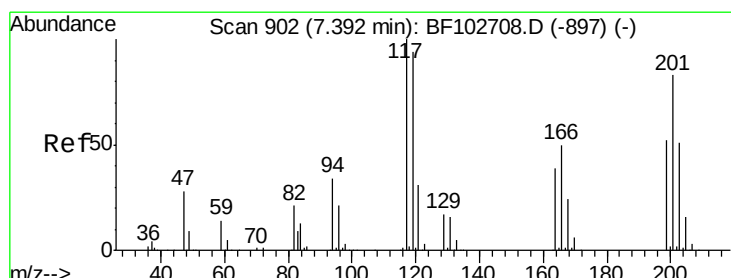
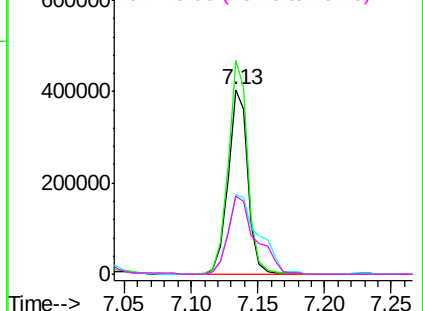
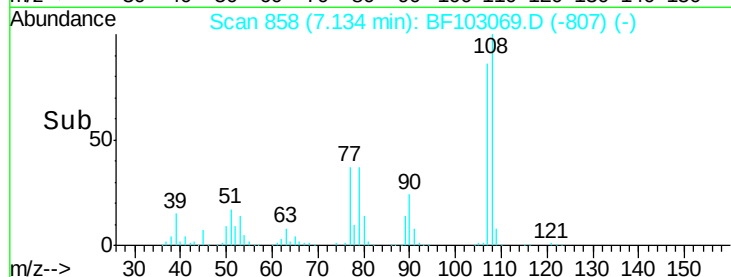
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 420849 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 115.7 | 91.7  | 137.5  |
| 77        | 43.3  | 33.8  | 50.8   |
| 79        | 42.6  | 33.8  | 50.8   |

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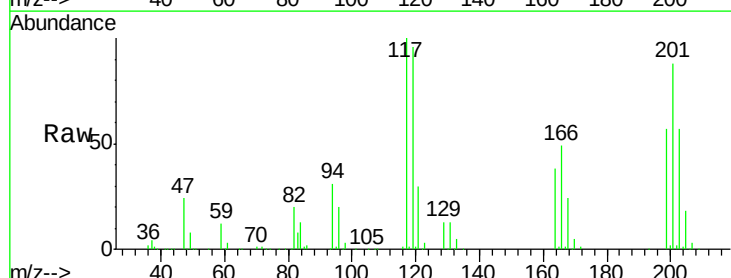


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

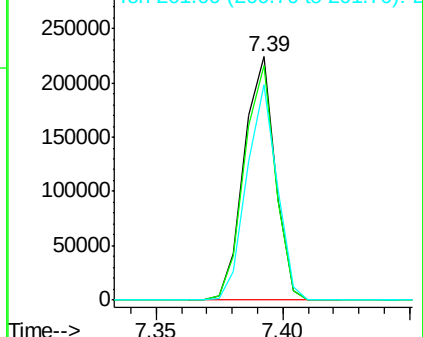
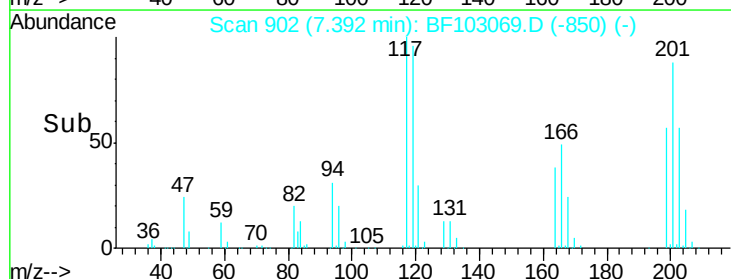


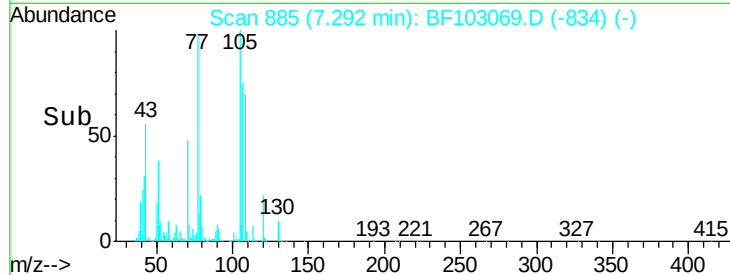
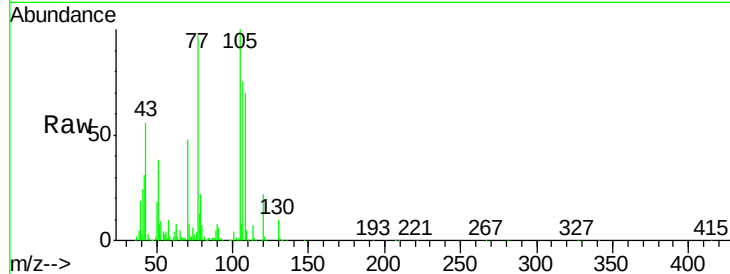
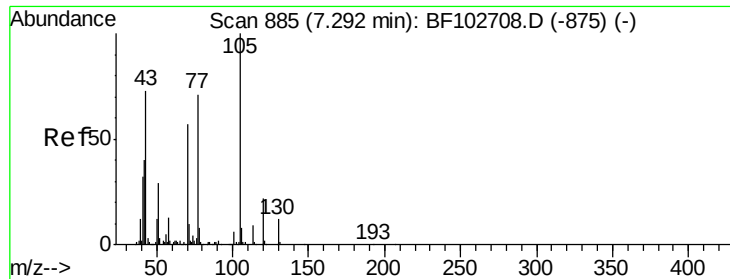
#18  
Hexachloroethane  
Concen: 40.642 ng  
RT: 7.39 min Scan# 902  
Delta R.T. 0.01 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 191543 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.2  | 75.8  | 113.8  |
| 201       | 88.3  | 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





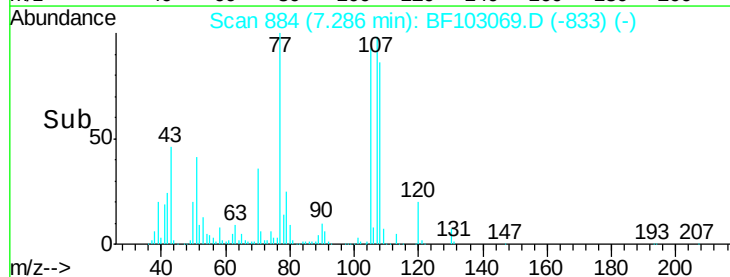
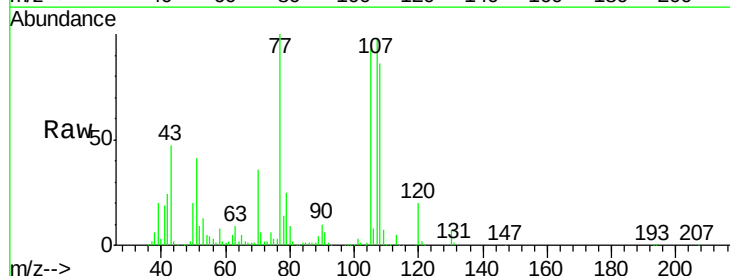
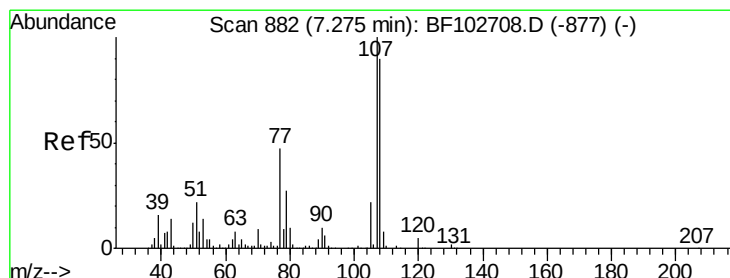
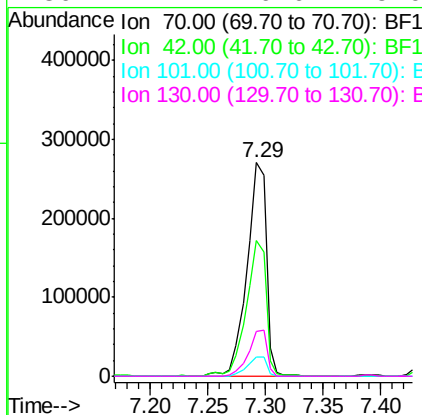
#19  
n-Nitroso-di-n-propylamine  
Concen: 34.509 ng  
RT: 7.29 min Scan# 885  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 63.4  | 47.5  | 71.3  |
| 101     | 9.3   | 7.4   | 11.2  |
| 130     | 21.2  | 16.6  | 25.0  |

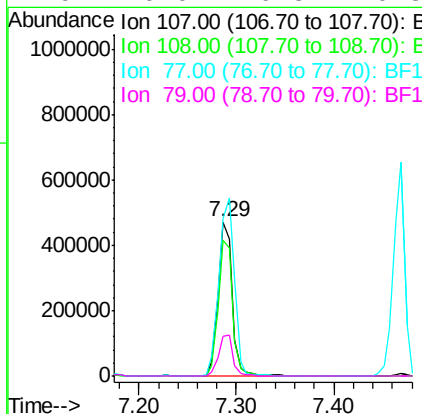
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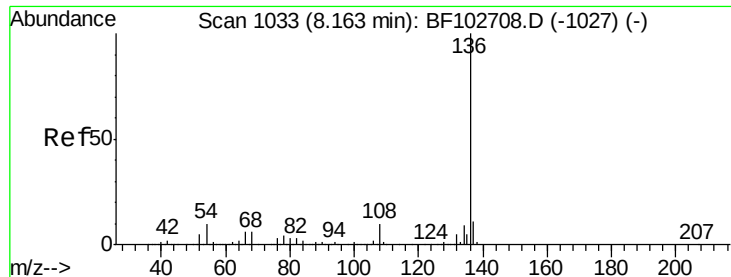
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#20  
3+4-Methylphenols  
Concen: 35.006 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.0  | 68.2  | 108.2 |
| 77      | 102.6 | 26.7  | 66.7# |
| 79      | 26.0  | 6.3   | 46.3  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

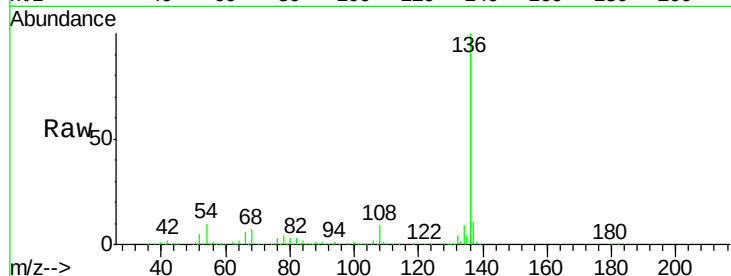
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 742294 |       |       |
| 137     | 11.4  | 8.9    | 13.3  |       |
| 54      | 10.1  | 6.6    | 9.8#  |       |
| 68      | 7.0   | 5.0    | 7.4   |       |

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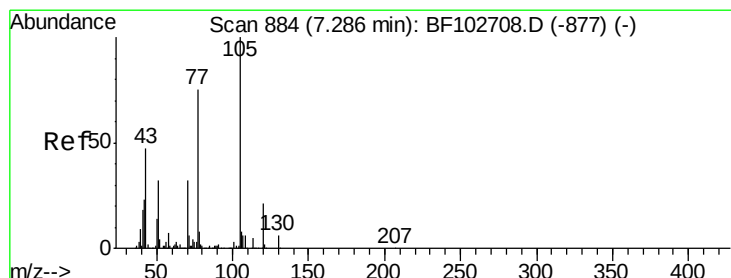
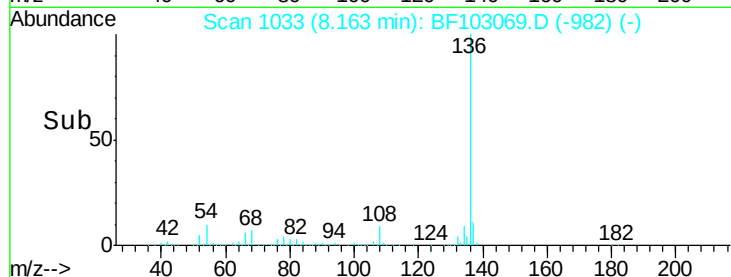
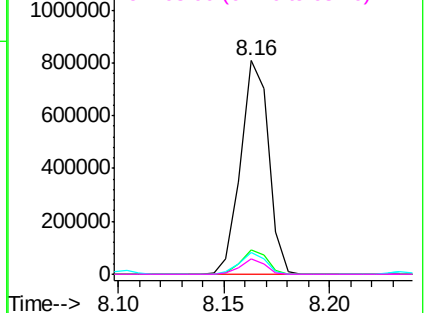
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.293 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 622920 |       |       |
| 71      | 7.9   | 4.4    | 6.6#  |       |
| 51      | 38.3  | 22.3   | 33.5# |       |
| 120     | 21.8  | 16.9   | 25.3  |       |

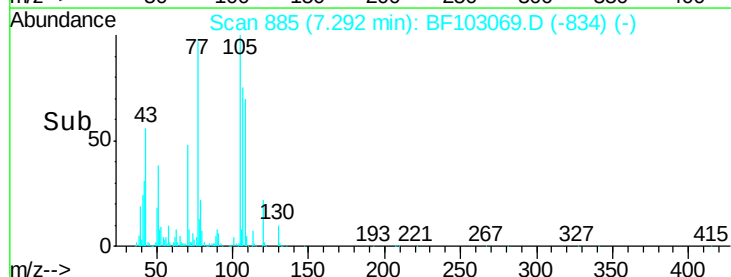
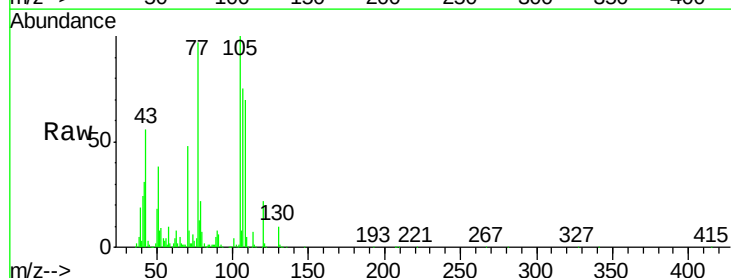
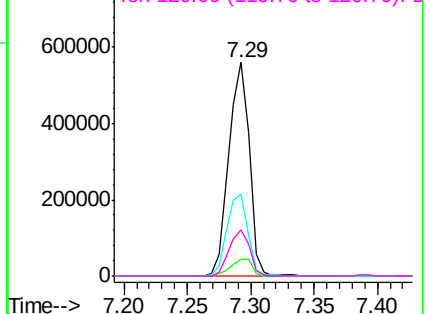
Abundance

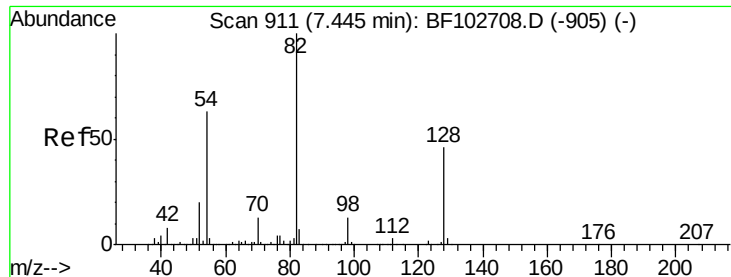
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





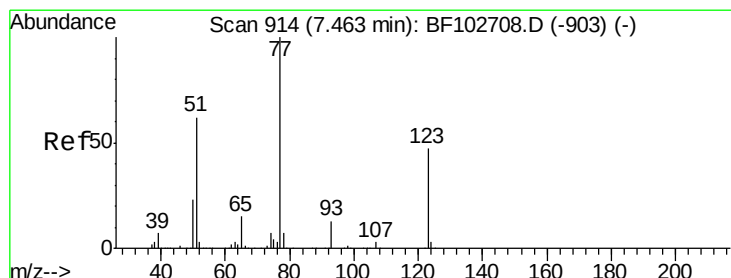
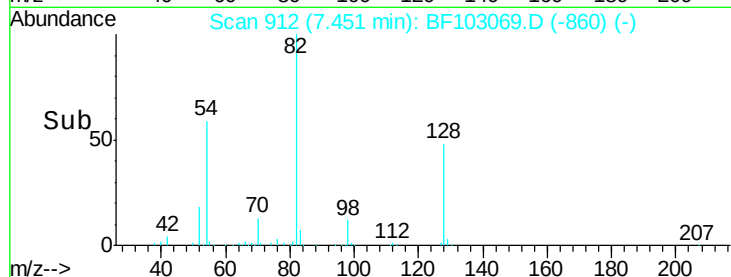
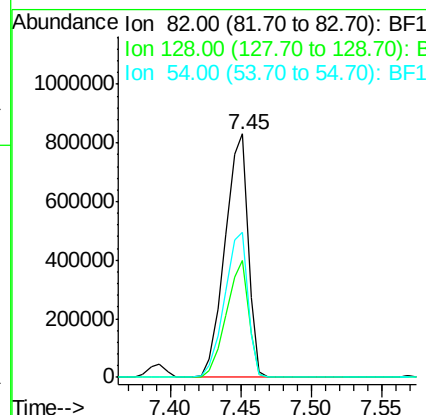
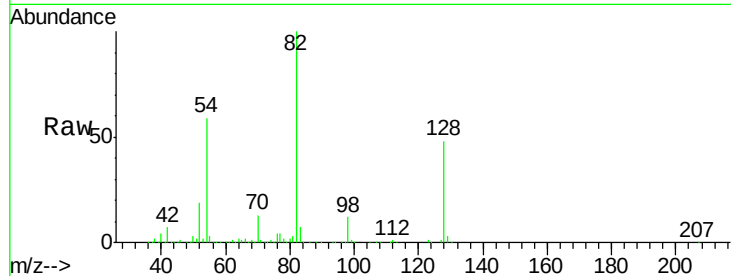
#23  
 Nitrobenzene-d5  
 Concen: 88.539 ng  
 RT: 7.45 min Scan# 912  
 Delta R.T. 0.01 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 48.2  | 36.1  | 54.1  |
| 54      | 59.3  | 41.4  | 62.2  |

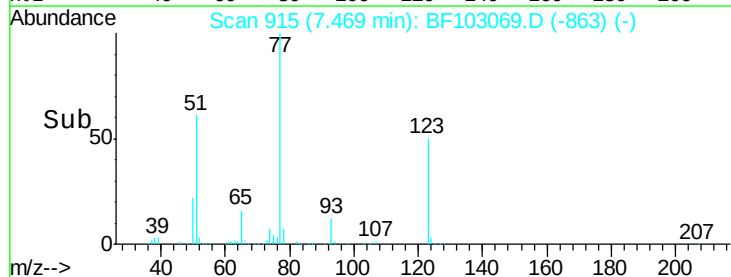
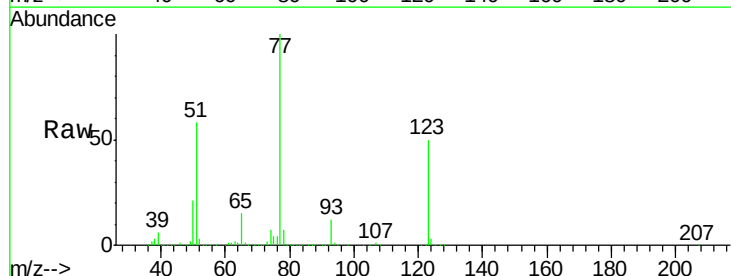
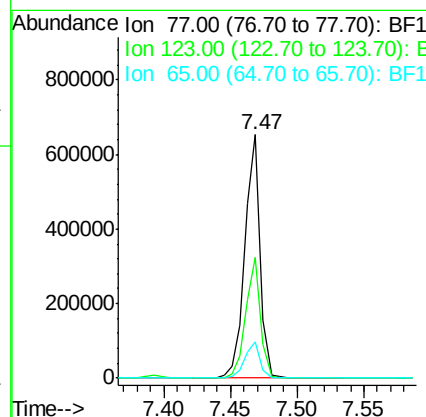
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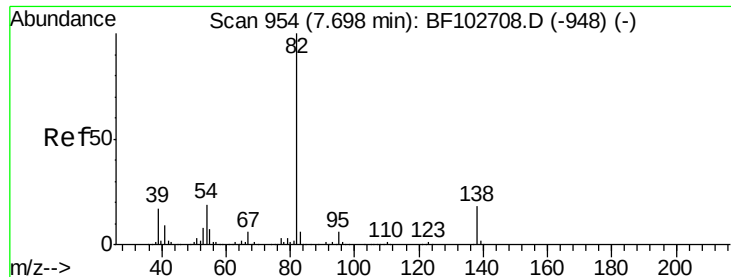


#24  
 Nitrobenzene  
 Concen: 41.263 ng  
 RT: 7.47 min Scan# 915  
 Delta R.T. 0.01 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.6  | 37.9  | 56.9  |
| 65      | 14.7  | 11.0  | 16.4  |







#25

Isophorone

Concen: 36.670 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

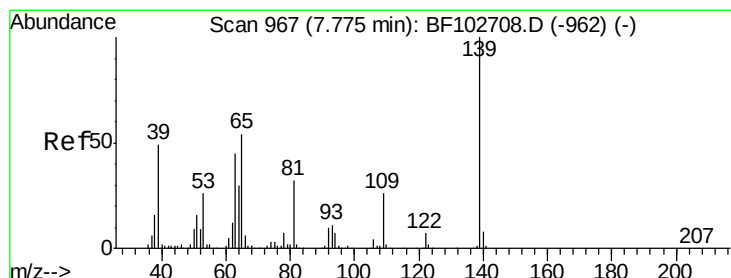
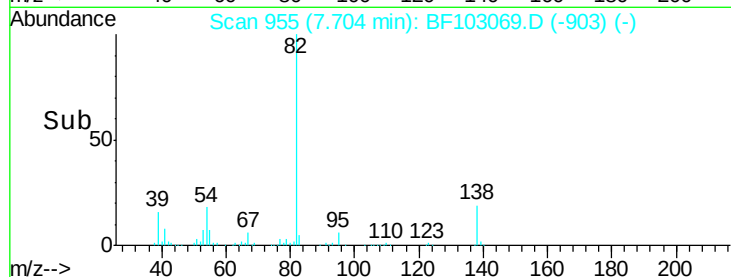
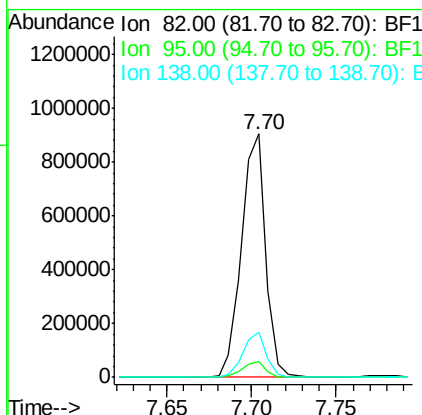
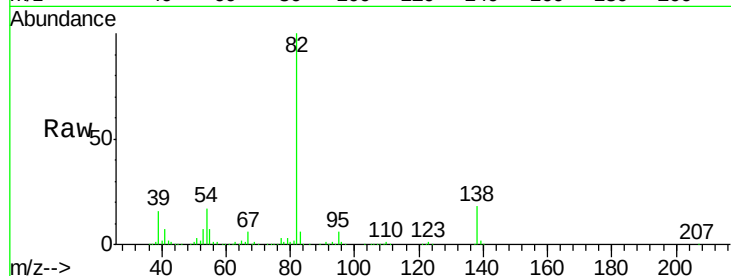
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 903530 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.4   | 5.2   | 7.8    |
| 138       | 18.4  | 14.9  | 22.3   |

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#26

2-Nitrophenol

Concen: 50.990 ng

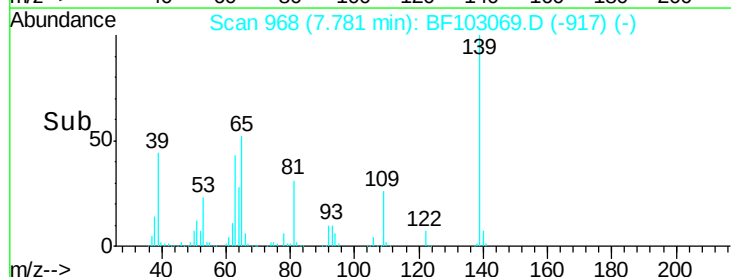
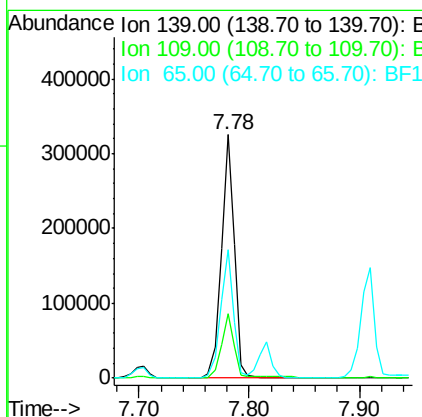
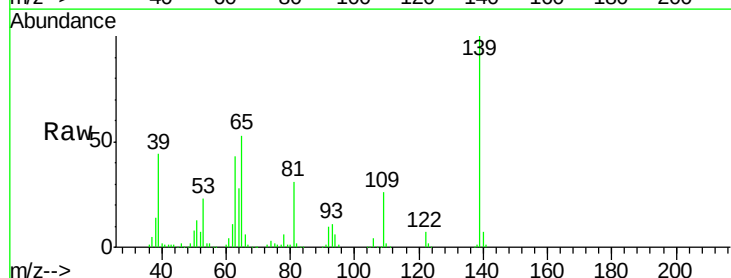
RT: 7.78 min Scan# 968

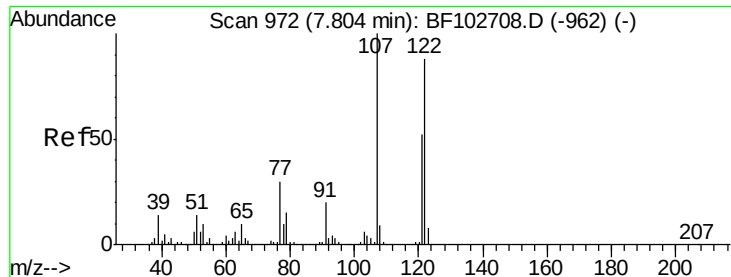
Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 267074 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 26.3  | 22.7  | 34.1   |
| 65        | 52.7  | 40.5  | 60.7   |





#27

2,4-Dimethylphenol

Concen: 35.755 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

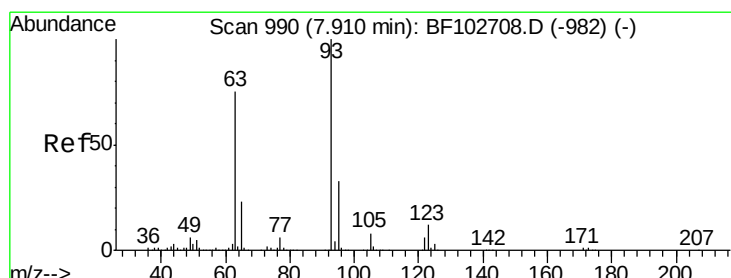
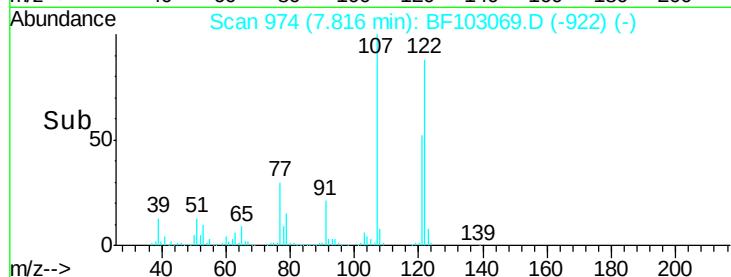
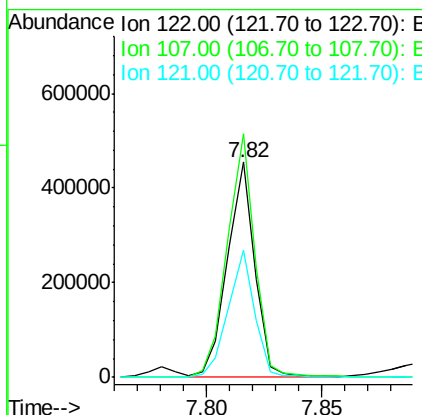
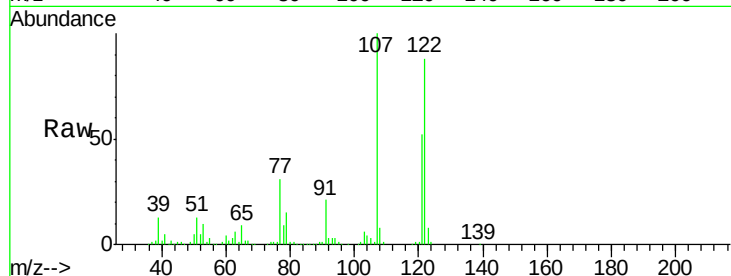
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 372195 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 113.3 | 91.2  | 136.8  |
| 121       | 59.2  | 47.2  | 70.8   |

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#28

bis(2-Chloroethoxy)methane

Concen: 37.662 ng

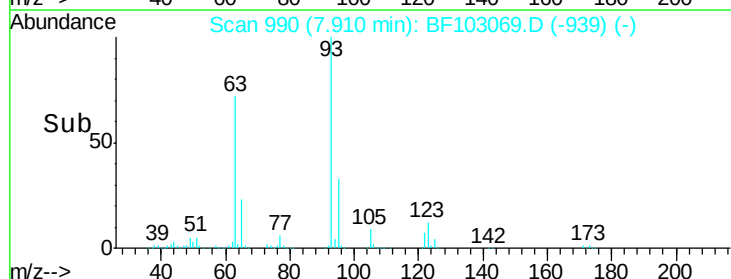
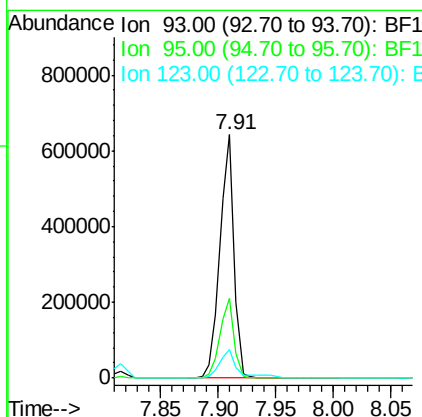
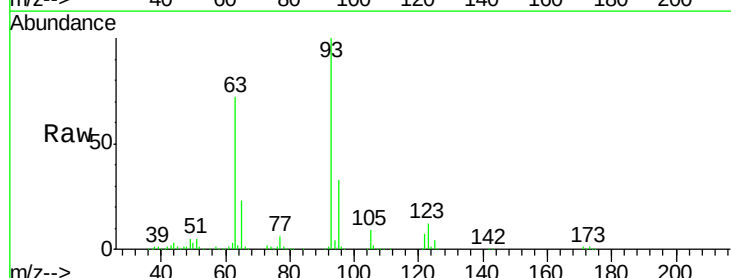
RT: 7.91 min Scan# 990

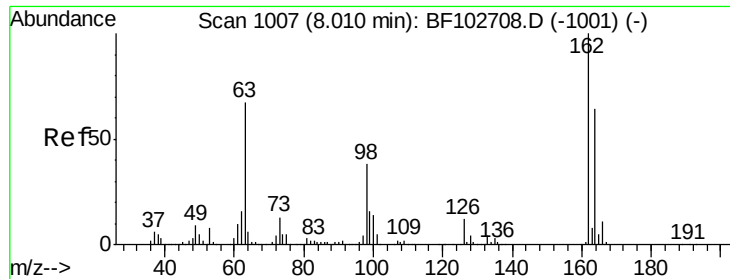
Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 549725 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.9  | 26.3  | 39.5   |
| 123       | 11.9  | 9.8   | 14.6   |





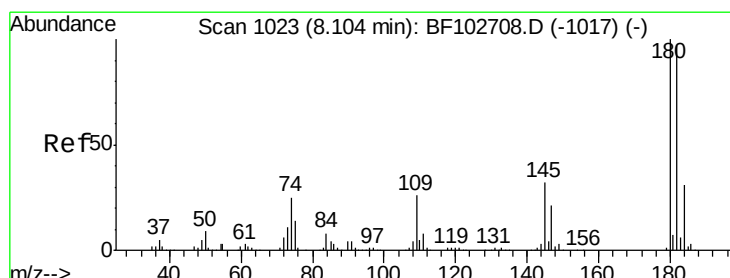
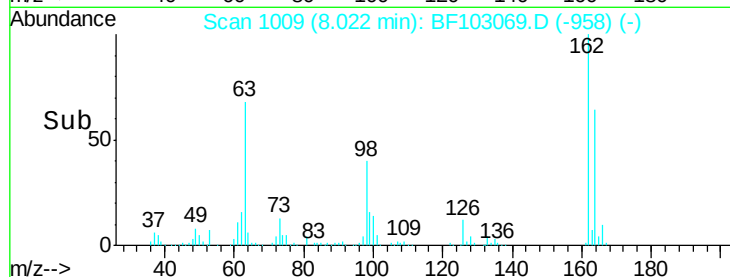
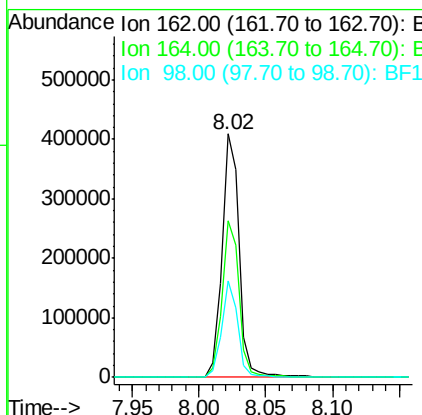
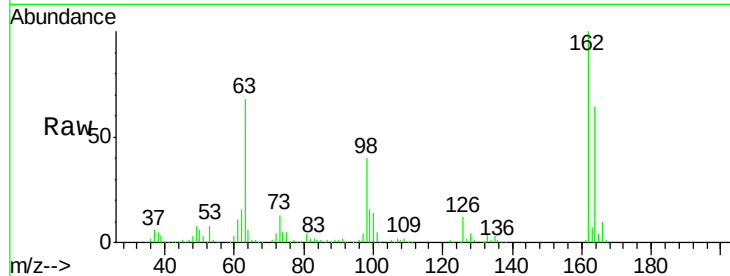
#29  
2,4-Dichlorophenol  
Concen: 39.452 ng  
RT: 8.02 min Scan# 1009  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 373338 |       |       |
| 164     | 64.4  | 42.7   | 82.7  |       |
| 98      | 39.6  | 18.1   | 58.1  |       |

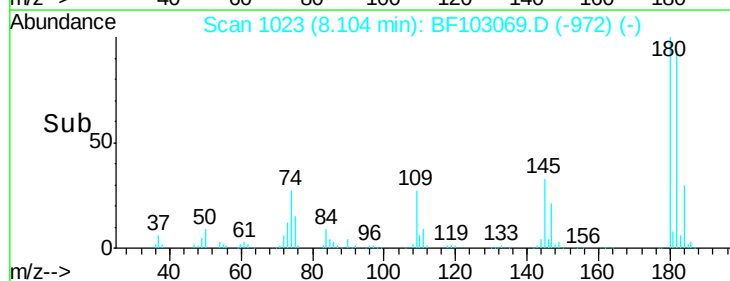
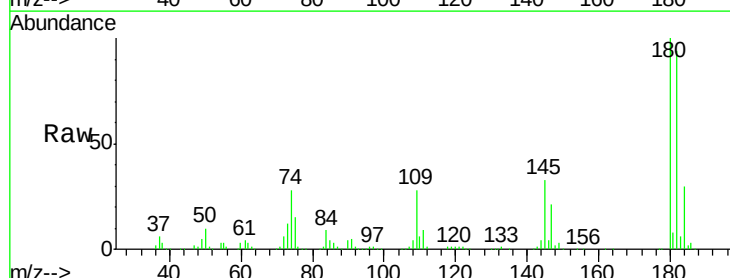
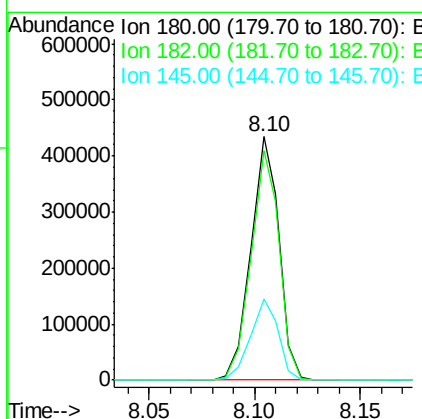
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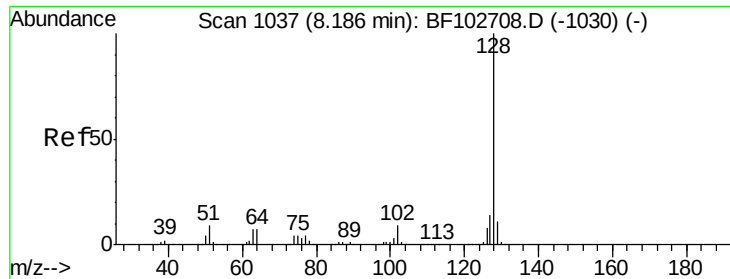
Sohil  
2/20/2018 10:20:12 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 37.690 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 403482 |       |       |
| 182     | 94.4  | 76.8   | 115.2 |       |
| 145     | 33.1  | 26.5   | 39.7  |       |





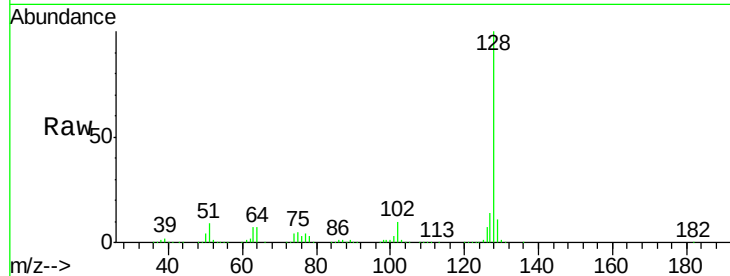
#31  
Naphthalene  
Concen: 36.759 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

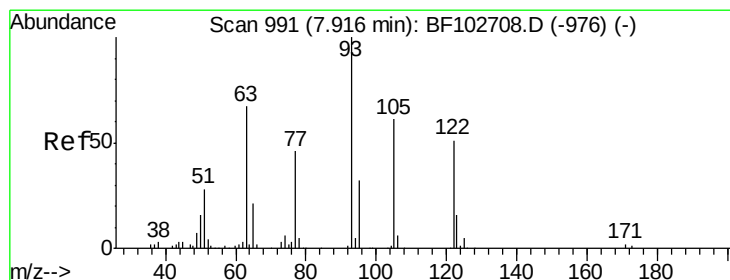
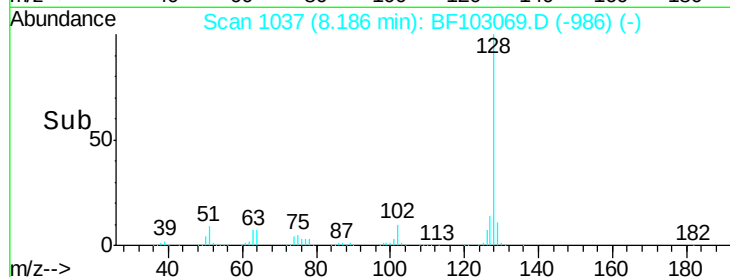
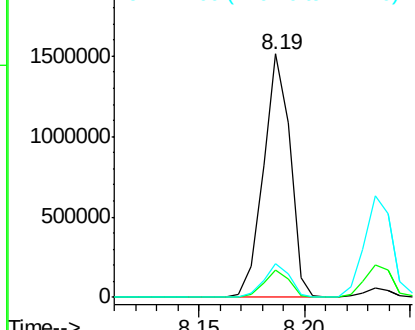
Tgt Ion:128 Resp: 1333146  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.8 13.2  
127 13.8 10.9 16.3

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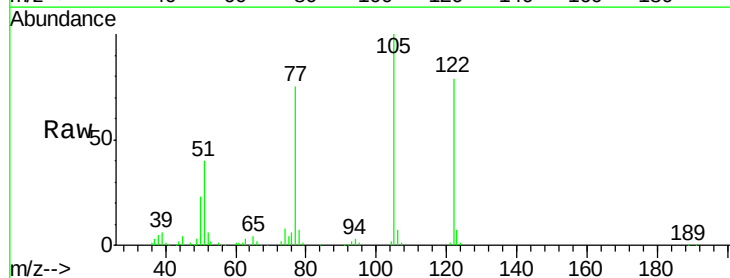


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

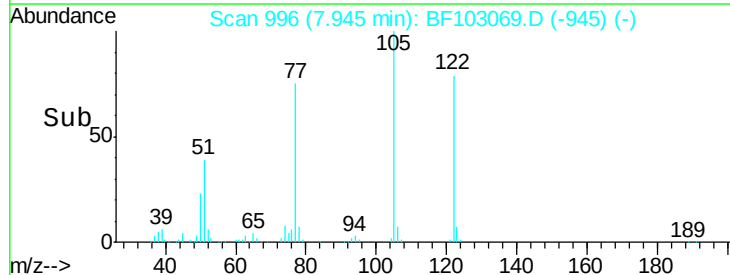
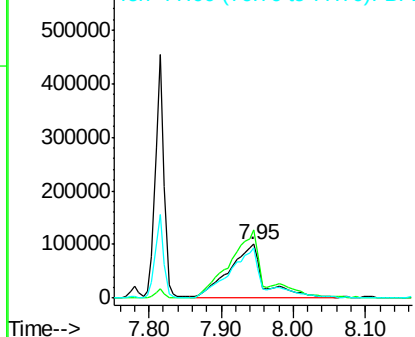


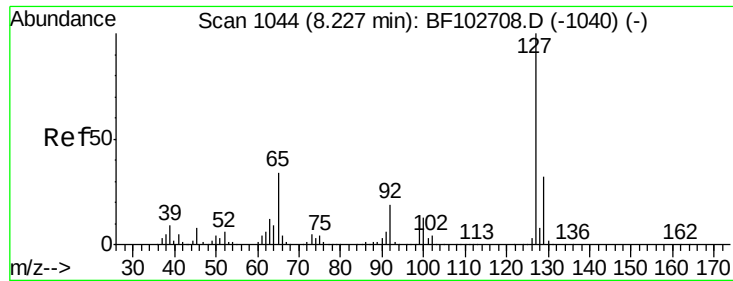
#32  
Benzoic acid  
Concen: 47.248 ng m  
RT: 7.95 min Scan# 996  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Tgt Ion:122 Resp: 345238  
Ion Ratio Lower Upper  
122 100  
105 126.1 101.1 141.1  
77 94.1 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





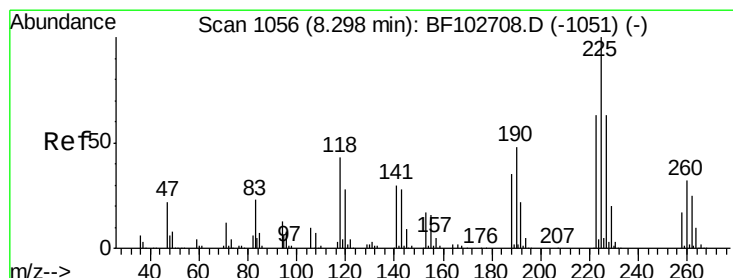
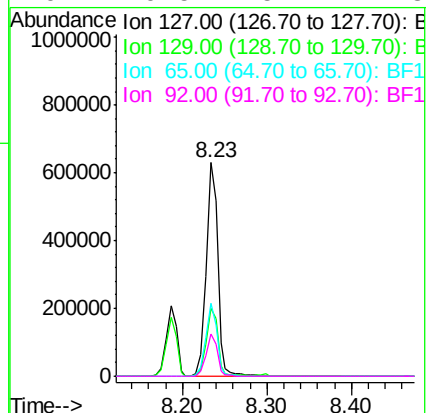
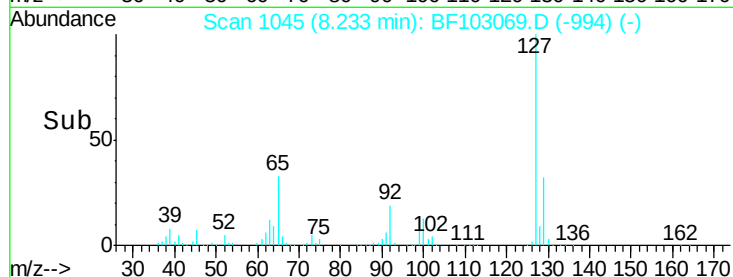
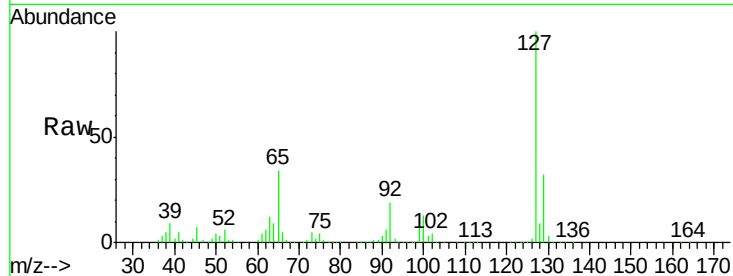
#33  
4-Chloroaniline  
Concen: 38.202 ng  
RT: 8.23 min Scan# 1045  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 127     | 100   |            |            |
| 129     | 31.9  | 25.9       | 38.9       |
| 65      | 34.0  | 25.0       | 37.4       |
| 92      | 19.5  | 15.2       | 22.8       |

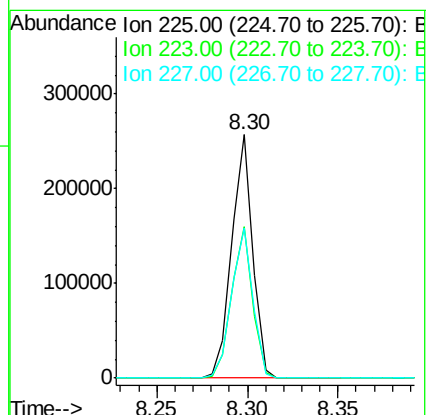
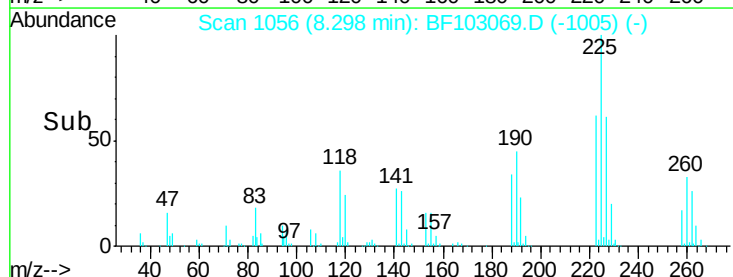
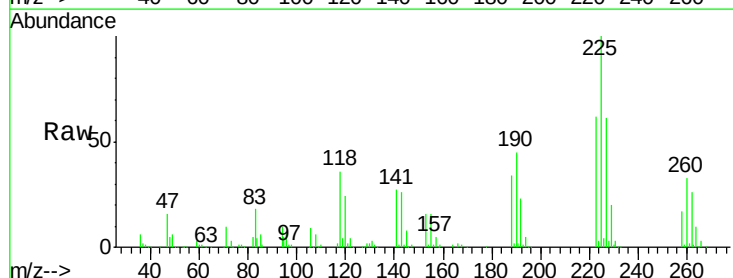
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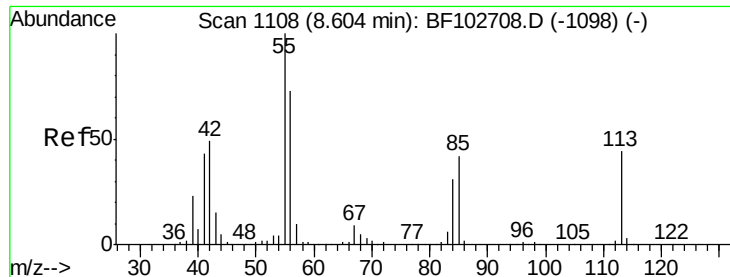
Sohil  
2/20/2018 10:20:12 AM



#34  
Hexachlorobutadiene  
Concen: 37.786 ng  
RT: 8.30 min Scan# 1056  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 225     | 100   |            |            |
| 223     | 62.4  | 50.6       | 76.0       |
| 227     | 61.5  | 51.9       | 77.9       |





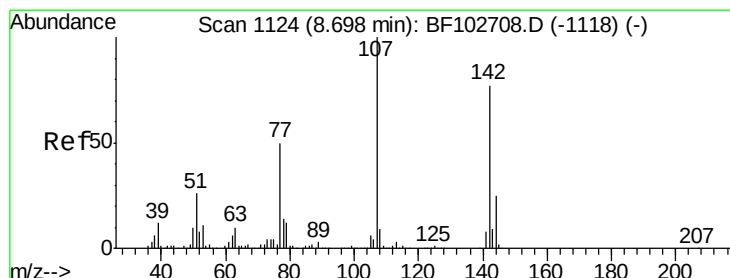
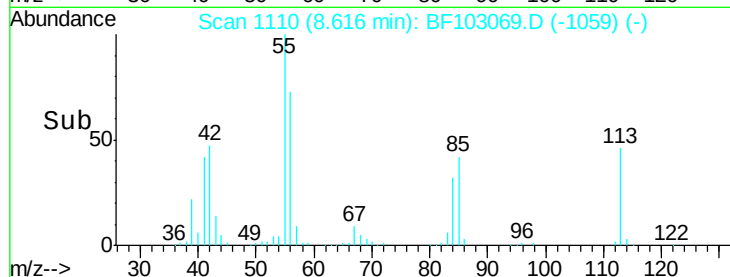
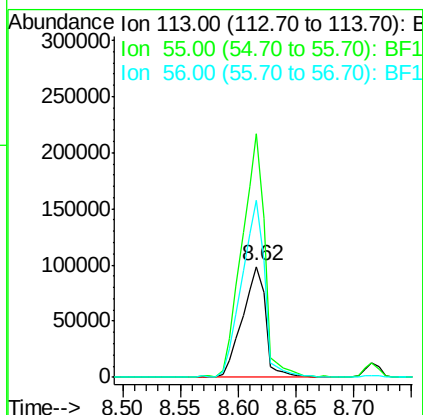
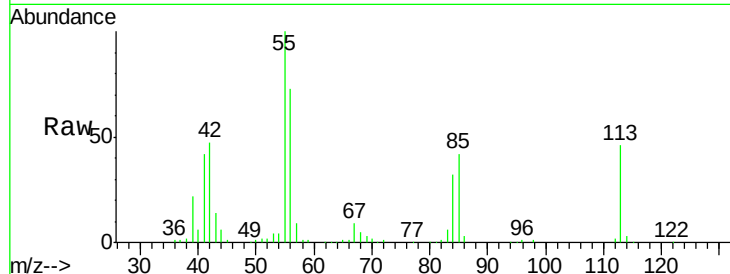
#35  
 Caprolactam  
 Concen: 41.582 ng  
 RT: 8.62 min Scan# 1110  
 Delta R.T. -0.00 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 113     | 100   |       |        |       |
| 55      | 219.1 | 163.3 | 203.3# |       |
| 56      | 159.3 | 115.7 | 155.7# |       |

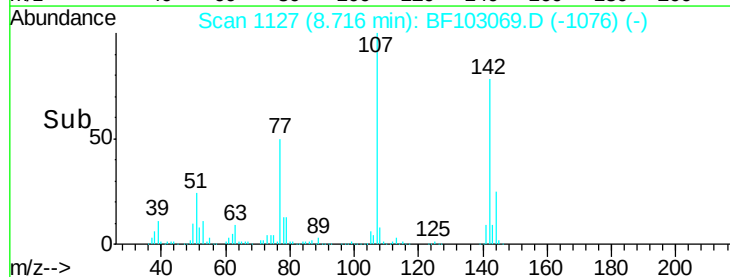
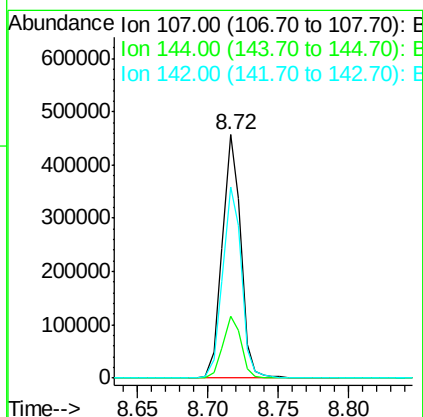
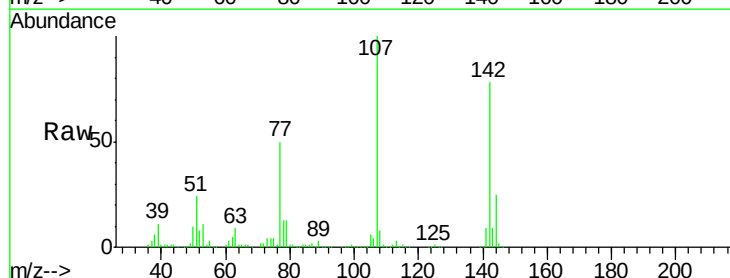
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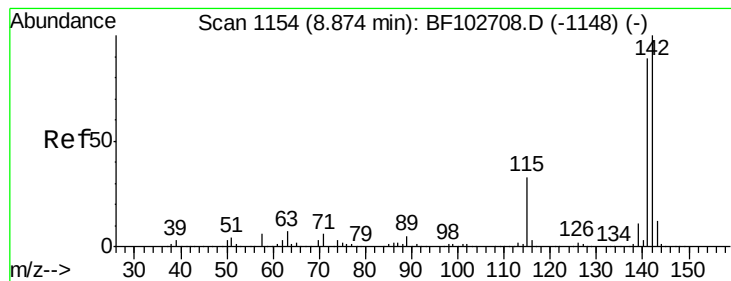
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 2/20/2018 10:20:12 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.311 ng  
 RT: 8.72 min Scan# 1127  
 Delta R.T. -0.00 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 144     | 25.4  | 20.5 | 30.7  |       |
| 142     | 78.5  | 62.0 | 93.0  |       |





#37

2-Methylnaphthalene

Concen: 36.563 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

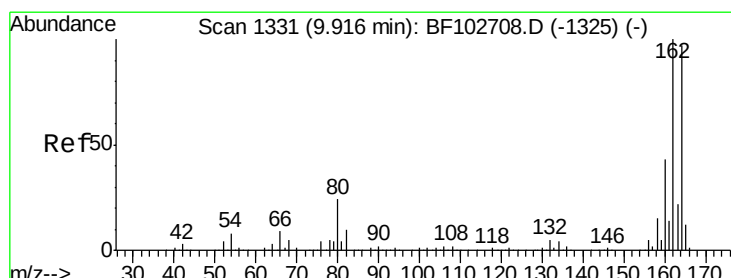
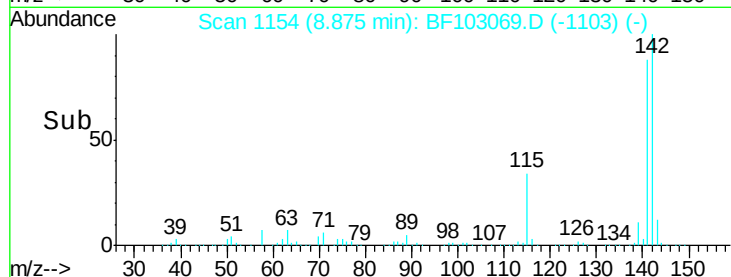
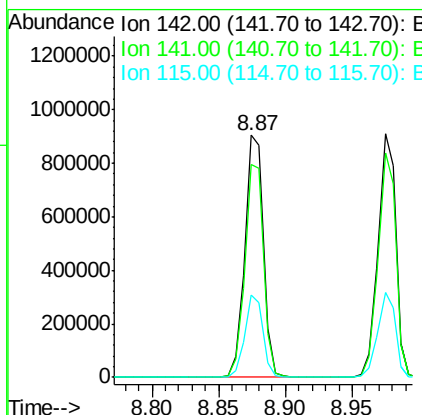
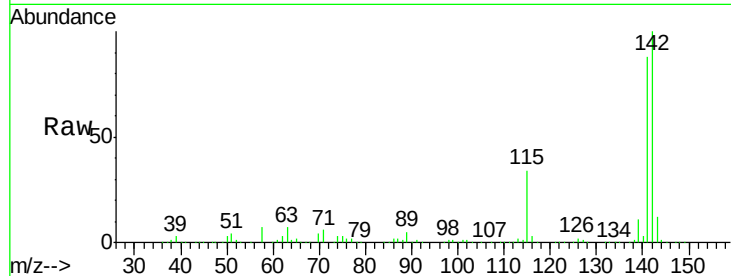
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 868157 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 88.0  | 70.8  | 106.2  |
| 115       | 33.8  | 26.1  | 39.1   |

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#38

Acenaphthene-d10

Concen: 20.000 ng

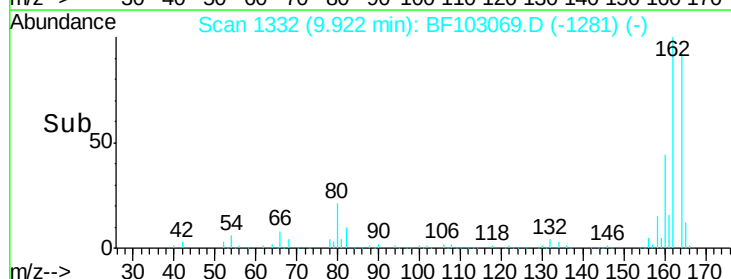
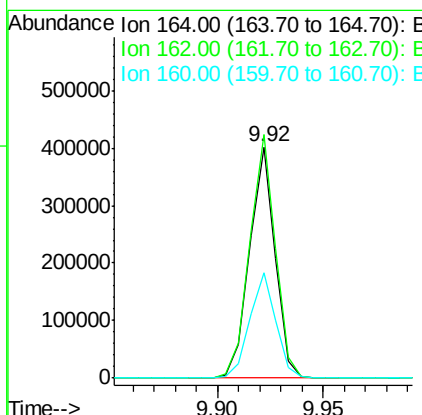
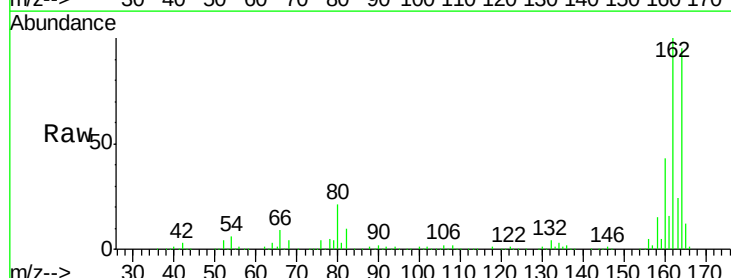
RT: 9.92 min Scan# 1332

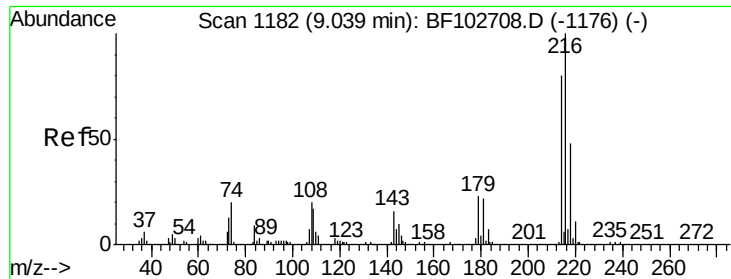
Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 336937 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 105.3 | 86.1  | 129.1  |
| 160       | 45.7  | 38.3  | 57.5   |





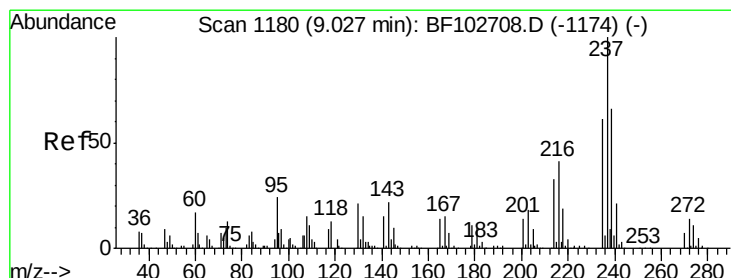
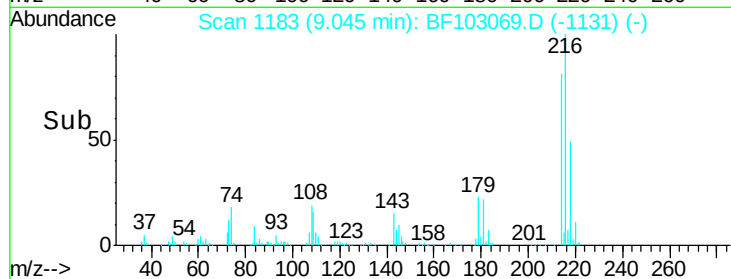
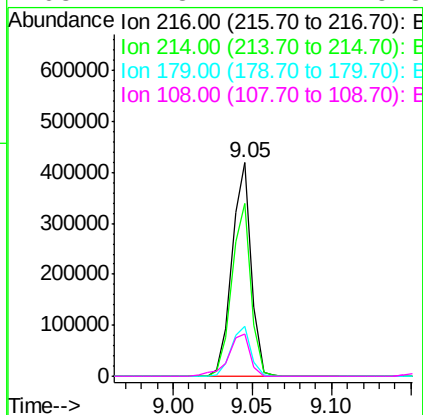
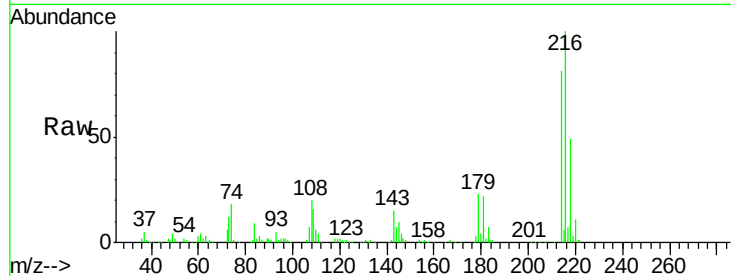
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.277 ng  
 RT: 9.05 min Scan# 1183  
 Delta R.T. 0.01 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 351160 |       |       |
| 214     | 80.5 | 63.0  | 94.4   |       |       |
| 179     | 23.7 | 18.1  | 27.1   |       |       |
| 108     | 22.8 | 17.2  | 25.8   |       |       |

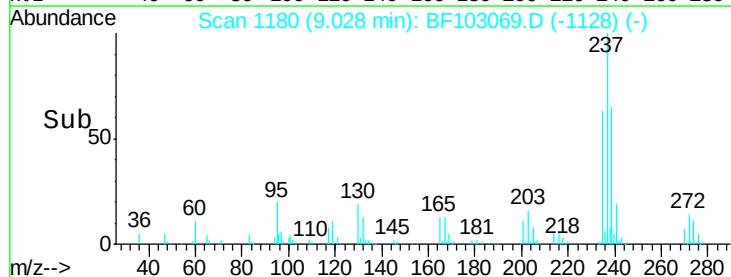
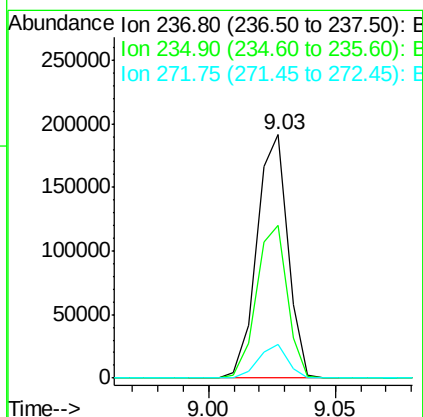
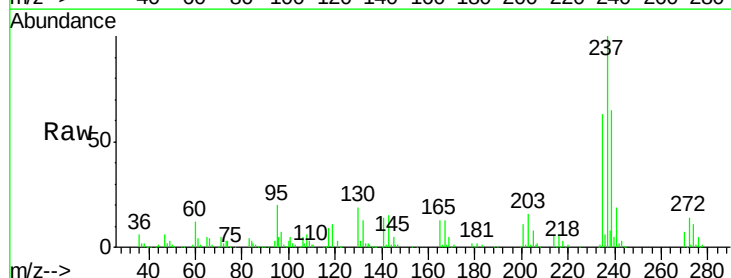
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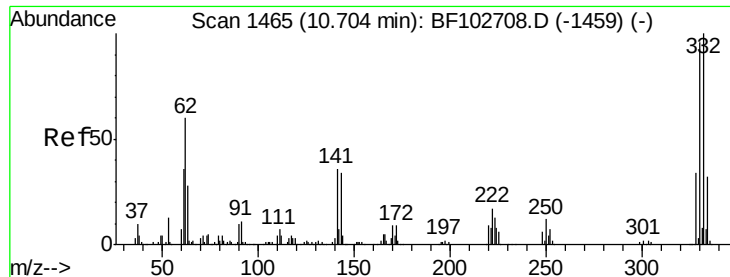


#40  
 Hexachlorocyclopentadiene  
 Concen: 37.578 ng  
 RT: 9.03 min Scan# 1180  
 Delta R.T. 0.01 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 163886 |       |       |
| 235     | 62.8 | 44.8  | 84.8   |       |       |
| 272     | 14.1 | 0.0   | 33.3   |       |       |







#41

2,4,6-Tribromophenol

Concen: 85.214 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

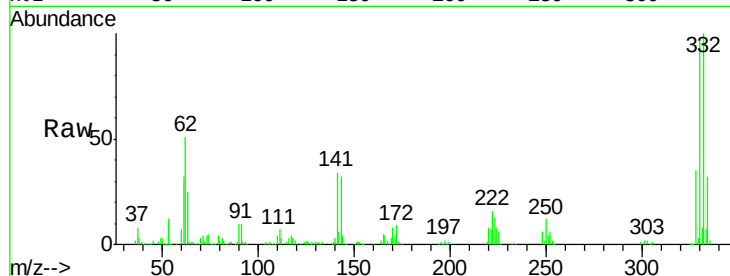
ClientSampleId :

SSTDCCC040

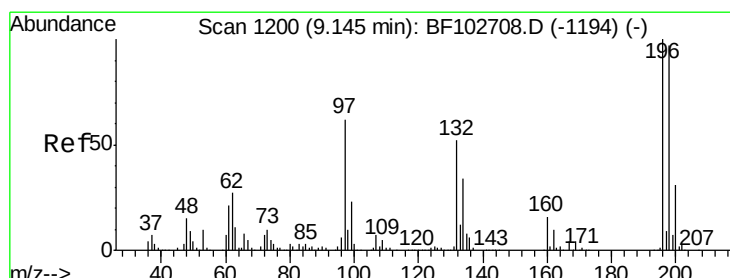
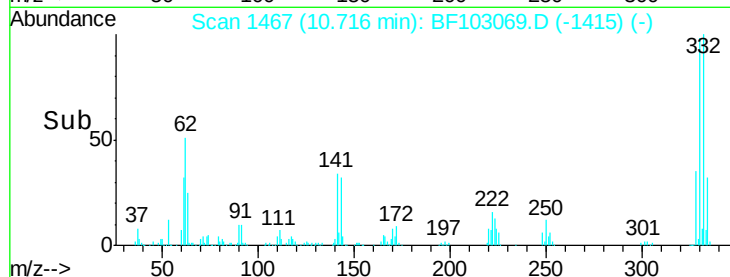
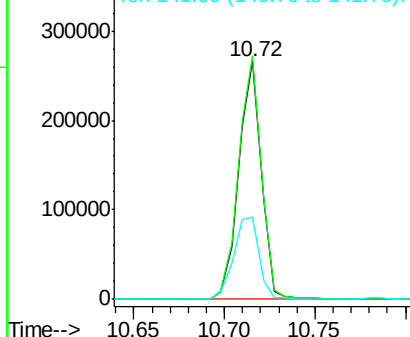
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 231095 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 103.7 | 77.0  | 115.6  |
| 141       | 39.2  | 29.9  | 44.9   |

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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: 40.687 ng

RT: 9.16 min Scan# 1202

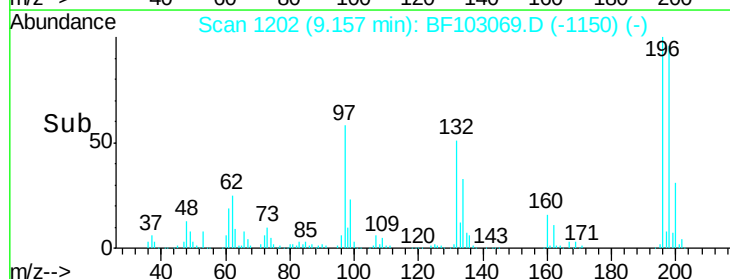
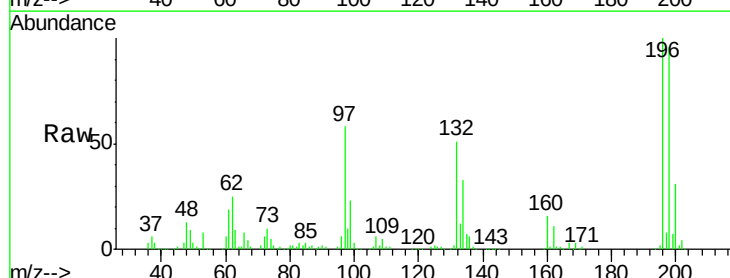
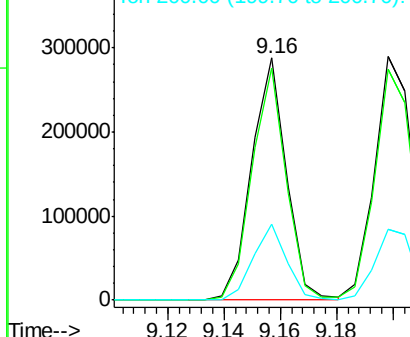
Delta R.T. 0.01 min

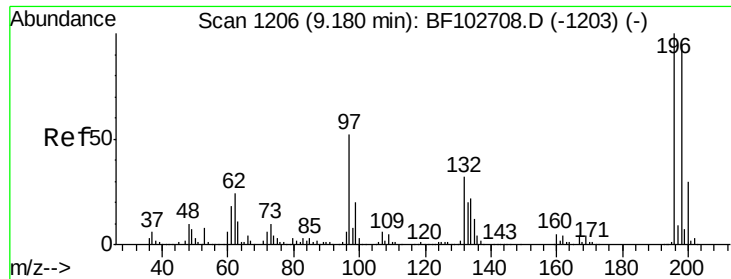
Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 245173 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.8  | 75.7  | 113.5  |
| 200       | 31.2  | 24.5  | 36.7   |

Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E





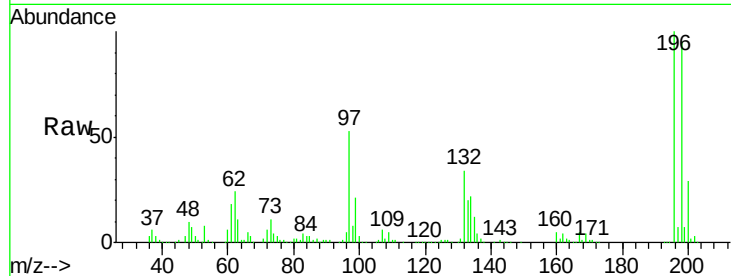
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.528 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. -0.00 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

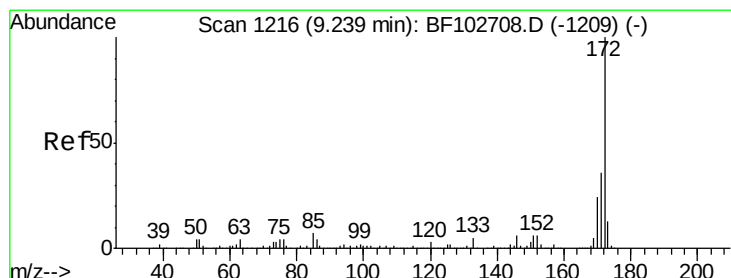
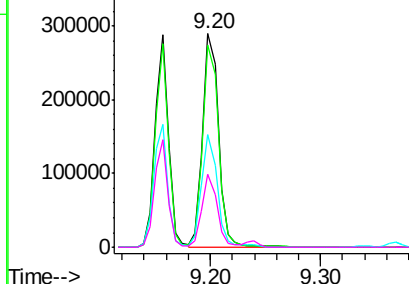
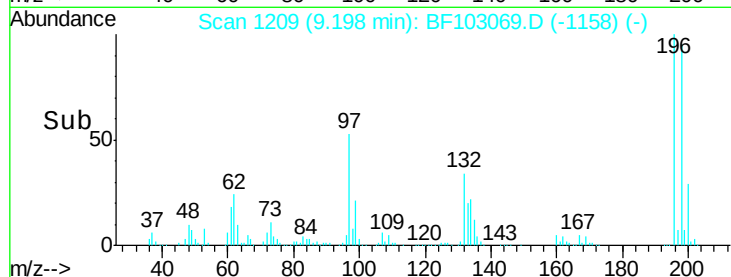
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 282050 |       |       |
| 198     | 94.6  | 74.6   | 112.0 |       |
| 97      | 53.0  | 42.9   | 64.3  |       |
| 132     | 34.0  | 26.3   | 39.5  |       |

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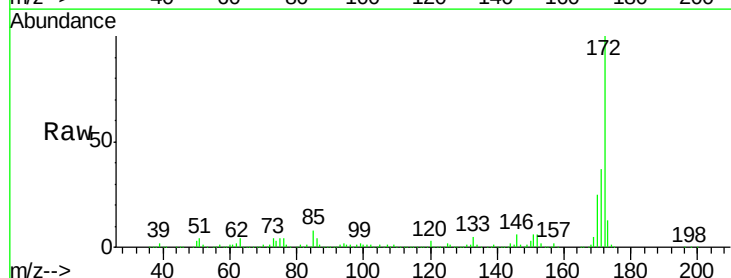


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

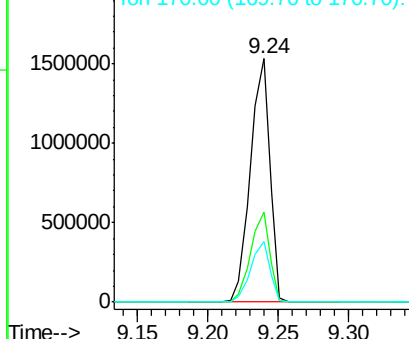
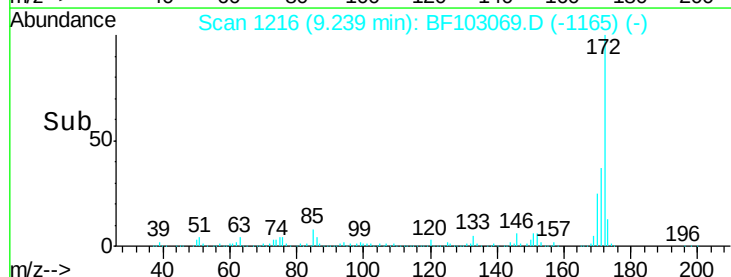


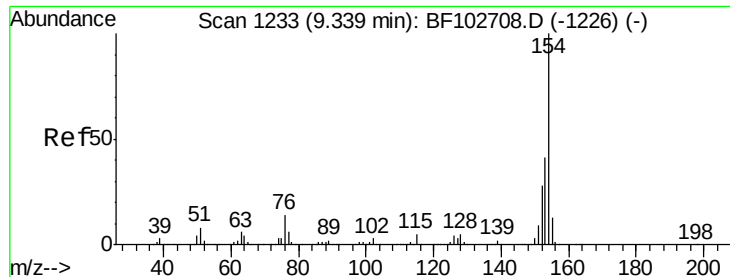
#44  
 2-Fluorobiphenyl  
 Concen: 73.736 ng  
 RT: 9.24 min Scan# 1216  
 Delta R.T. -0.00 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1497234 |       |       |
| 171     | 36.8  | 29.7    | 44.5  |       |
| 170     | 24.7  | 19.6    | 29.4  |       |



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





#45

1,1'-Biphenyl

Concen: 36.743 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1042729

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

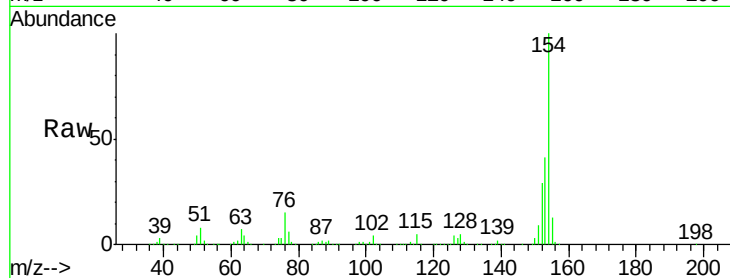
76 14.8 0.0 34.0

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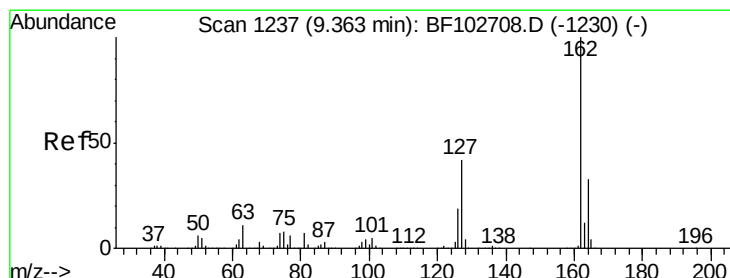
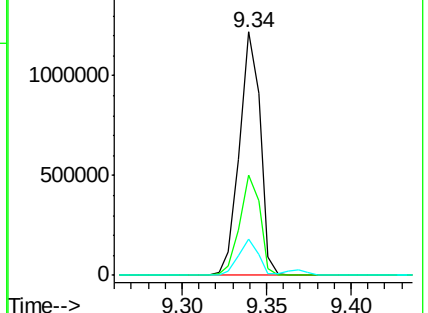
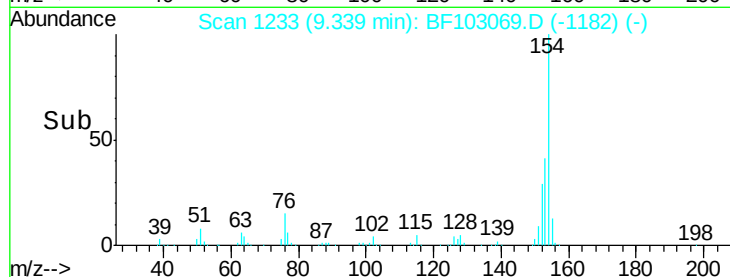
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.731 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

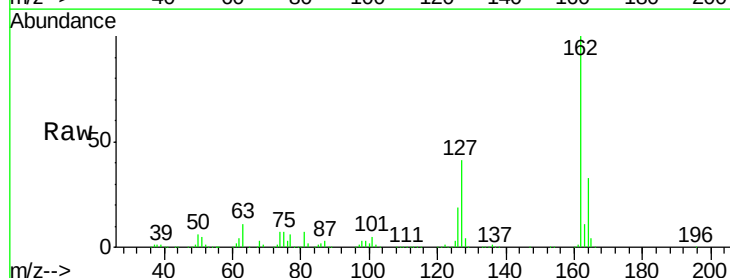
Tgt Ion:162 Resp: 842988

Ion Ratio Lower Upper

162 100

127 41.0 33.9 50.9

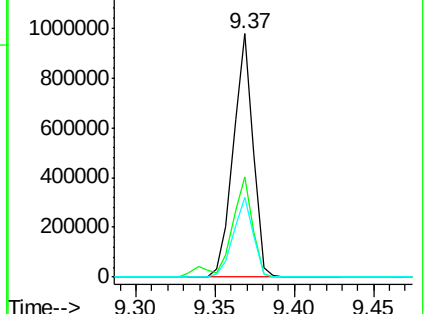
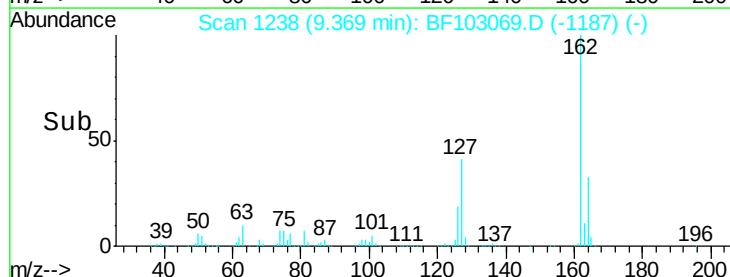
164 32.6 26.5 39.7

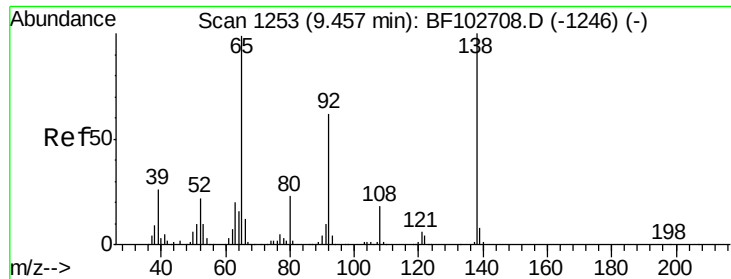


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.608 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 65 Resp: 320580  
Ion Ratio Lower Upper

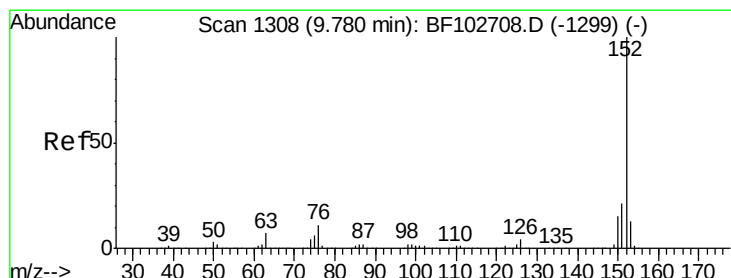
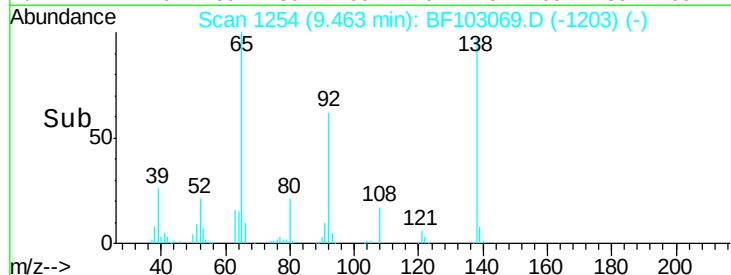
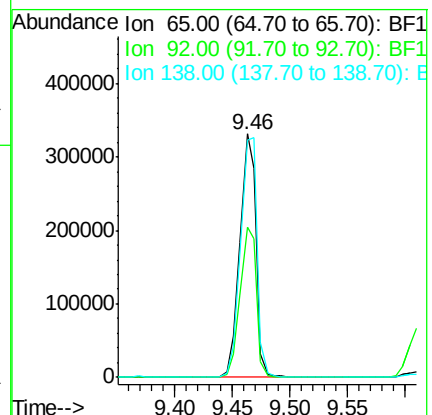
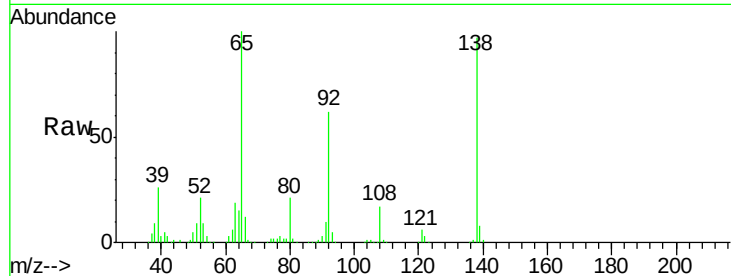
65 100

92 61.9 55.8 83.6

138 97.2 91.2 136.8

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#48

Acenaphthylene

Concen: 37.366 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF103069.D

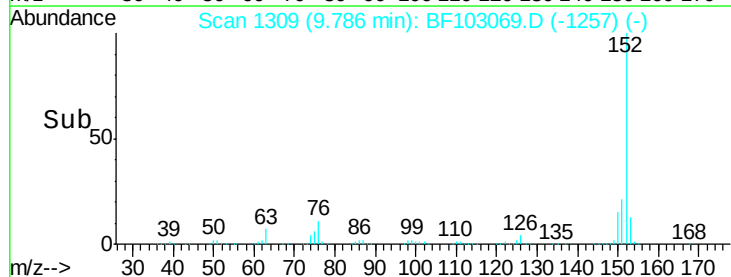
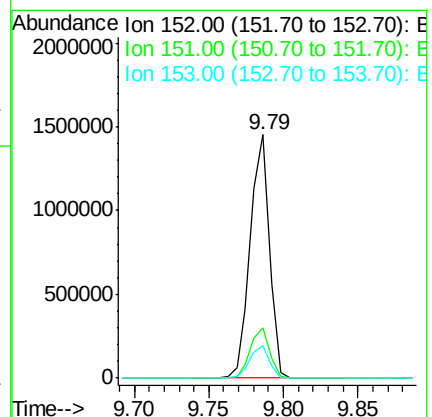
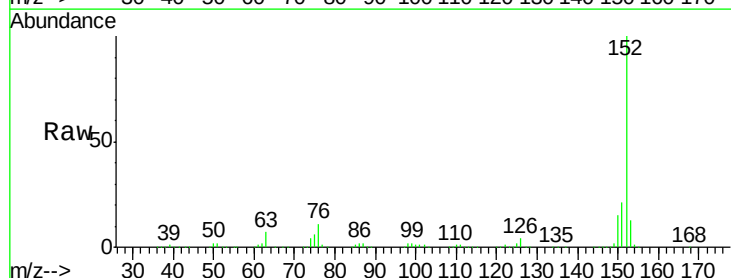
Acq: 19 Feb 2018 9:22

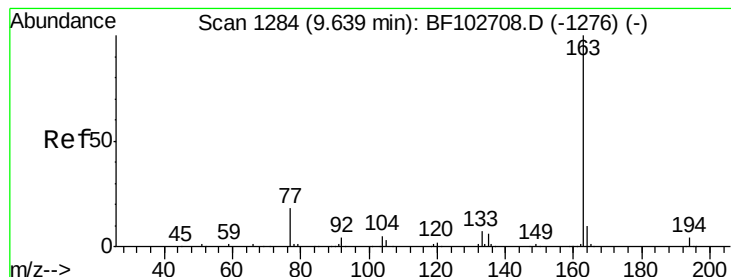
Tgt Ion: 152 Resp: 1296639  
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 38.844 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:163 Resp: 1020489

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

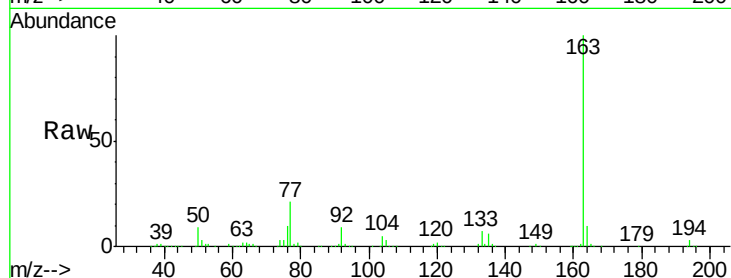
164 9.9 8.2 12.2

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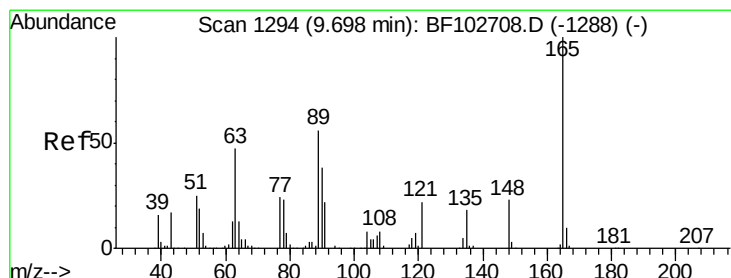
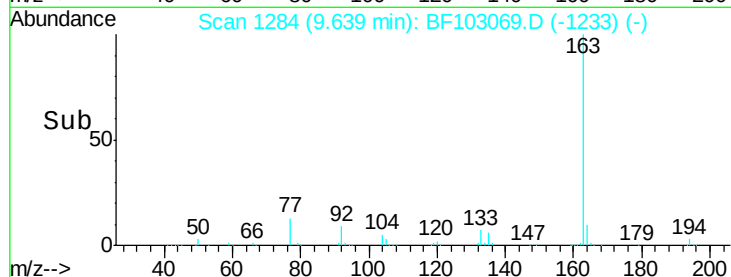
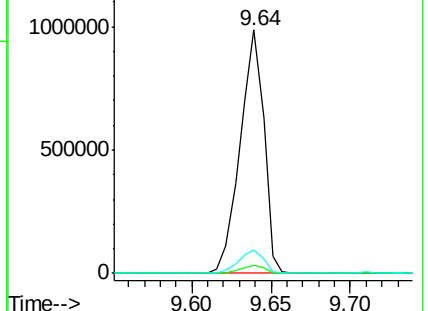
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.627 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

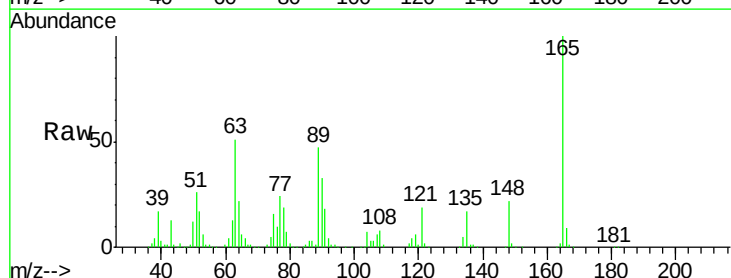
Tgt Ion:165 Resp: 223054

Ion Ratio Lower Upper

165 100

63 50.5 44.7 67.1

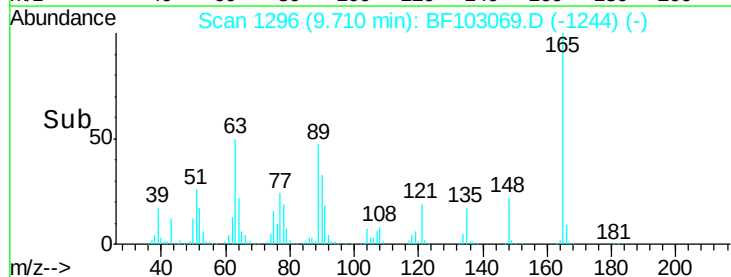
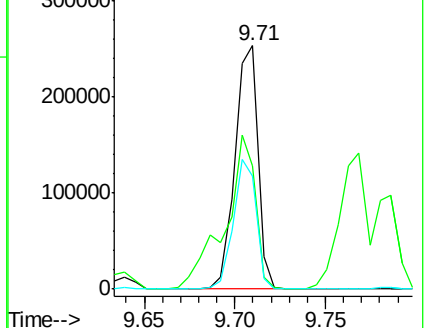
89 46.6 44.0 66.0

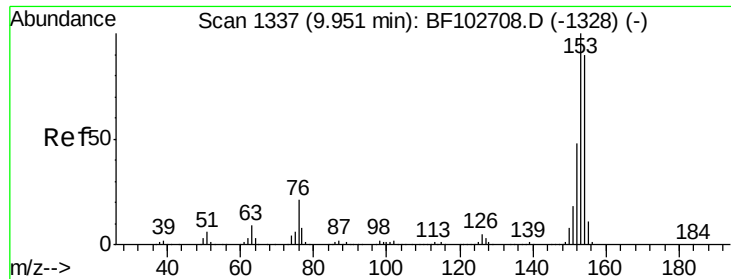


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.077 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

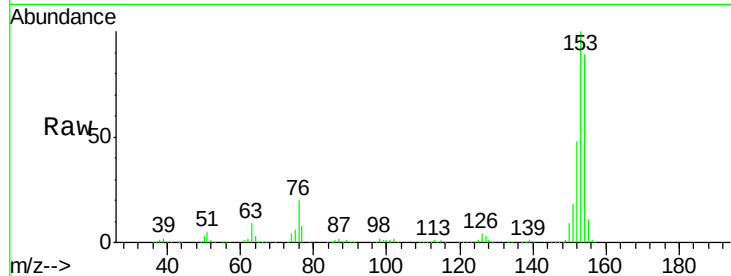
ClientSampleId :

SSTDCCC040

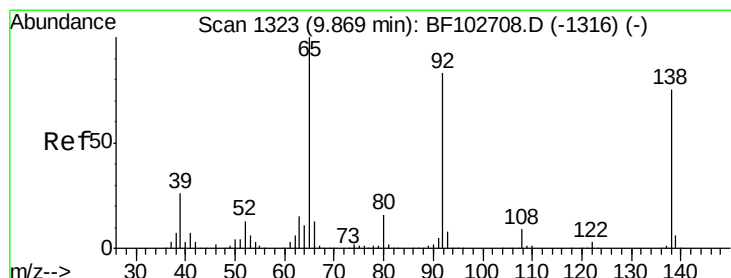
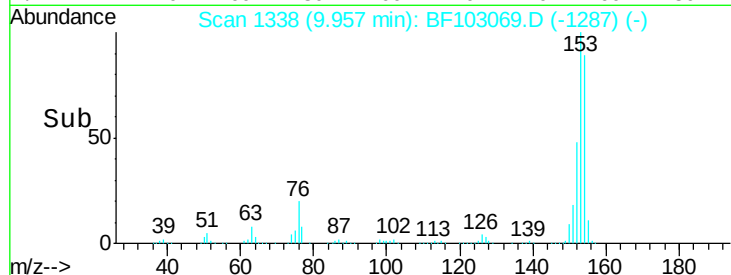
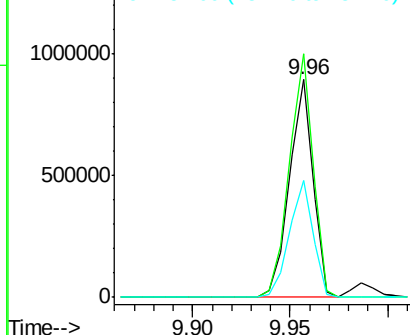
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 748685 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 111.9 | 91.2  | 136.8  |
| 152       | 53.5  | 43.8  | 65.8   |

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



#52

3-Nitroaniline

Concen: 46.110 ng

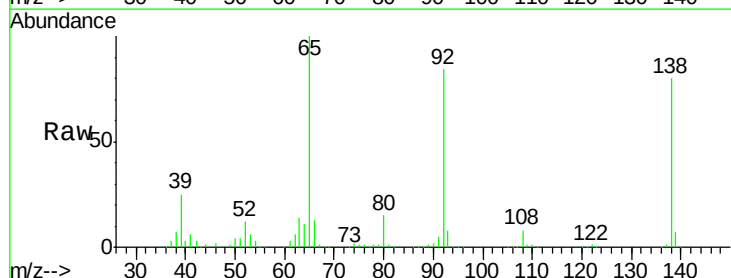
RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

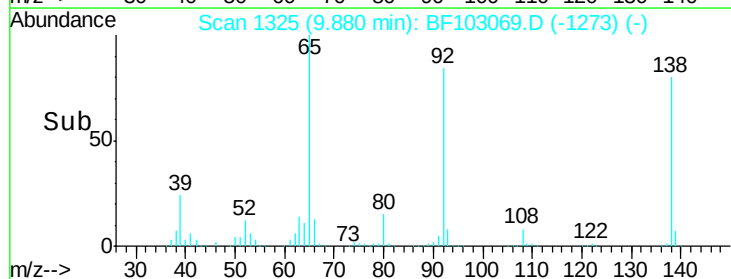
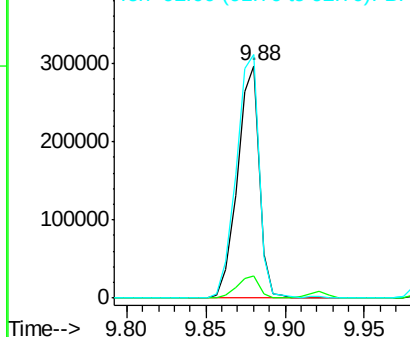
Lab File: BF103069.D

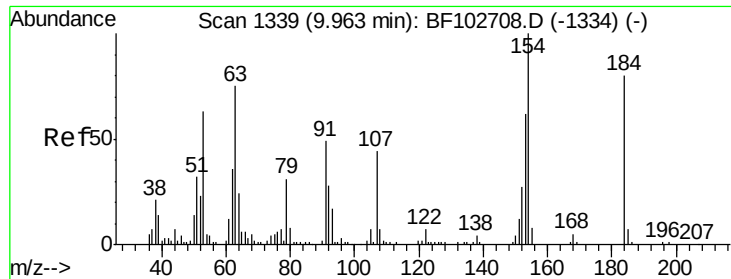
Acq: 19 Feb 2018 9:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 283580 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 9.7   | 9.4   | 14.0   |
| 92        | 104.7 | 89.4  | 134.2  |



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





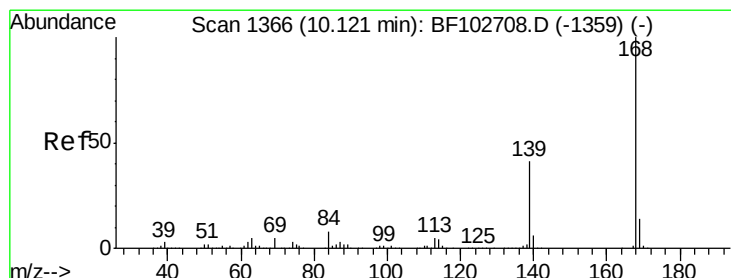
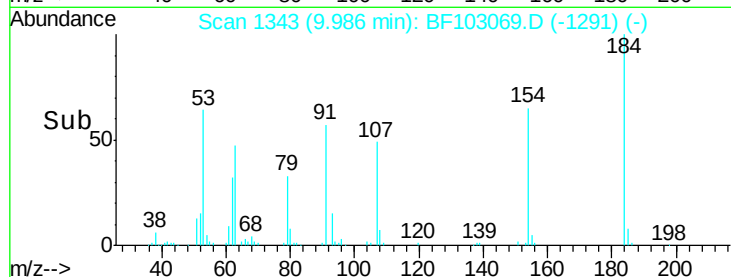
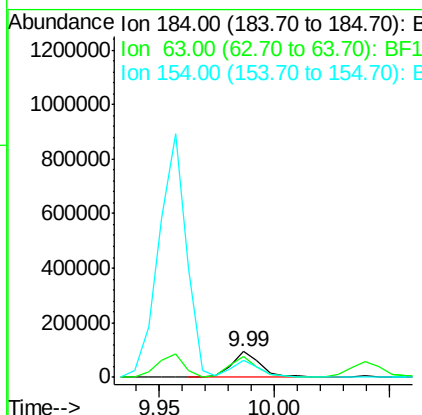
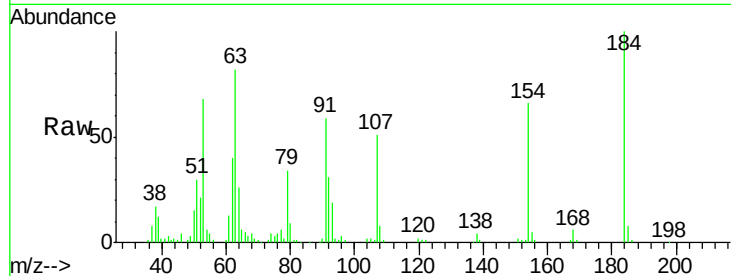
#53  
2,4-Dinitrophenol  
Concen: 61.089 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. 0.01 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:184 Resp: 85074  
Ion Ratio Lower Upper  
184 100  
63 82.5 54.2 81.2#  
154 65.7 184.0 276.0#

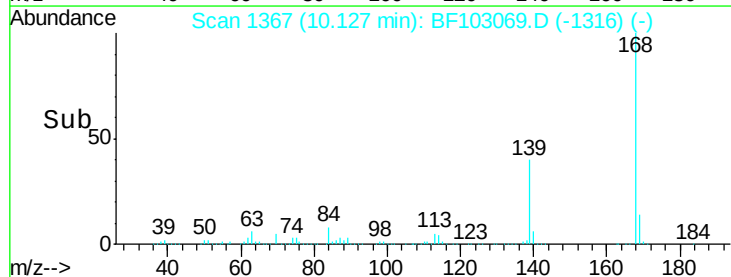
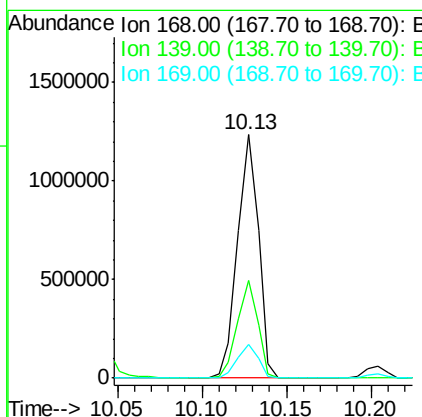
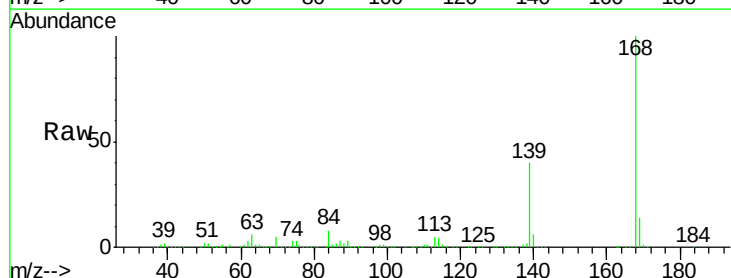
Manual Integrations  
APPROVED

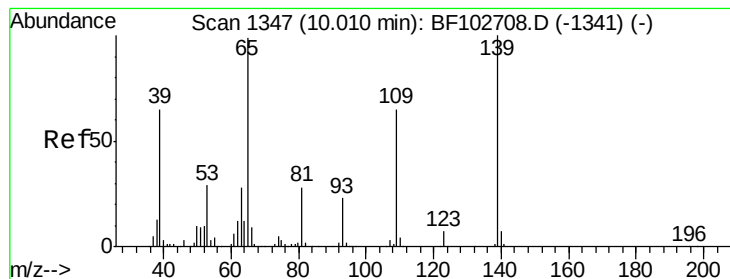
Sohil  
2/20/2018 10:20:12 AM



#54  
Dibenzofuran  
Concen: 36.476 ng  
RT: 10.13 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Tgt Ion:168 Resp: 1066757  
Ion Ratio Lower Upper  
168 100  
139 40.0 30.1 45.1  
169 13.7 10.9 16.3





#55

4-Nitrophenol

Concen: 38.897 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:139 Resp: 185582  
Ion Ratio Lower Upper

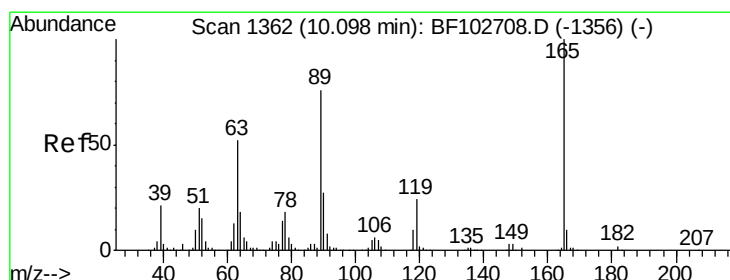
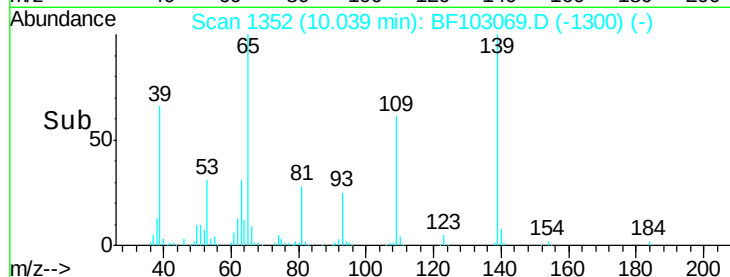
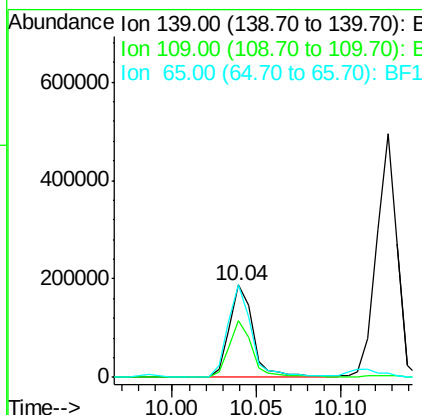
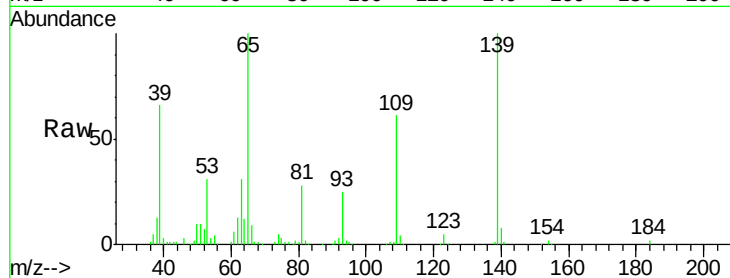
139 100

109 61.0 48.4 88.4

65 100.2 72.6 112.6

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#56

2,4-Dinitrotoluene

Concen: 44.158 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

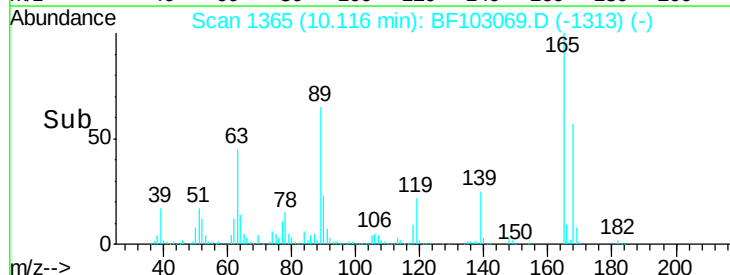
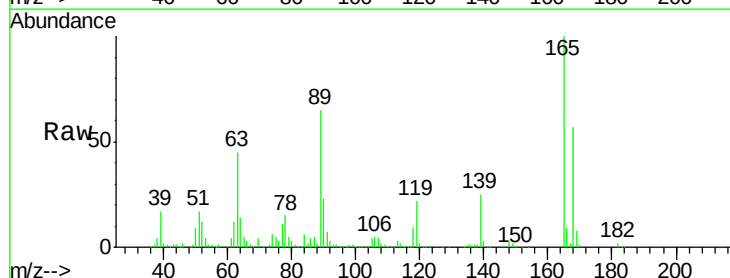
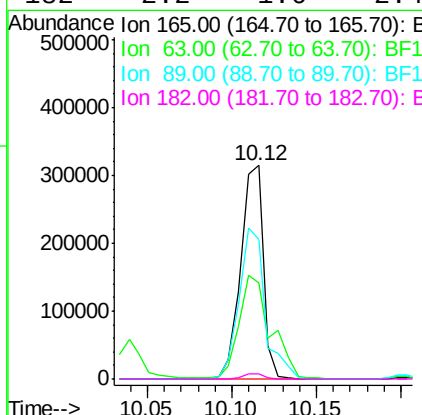
Tgt Ion:165 Resp: 294248  
Ion Ratio Lower Upper

165 100

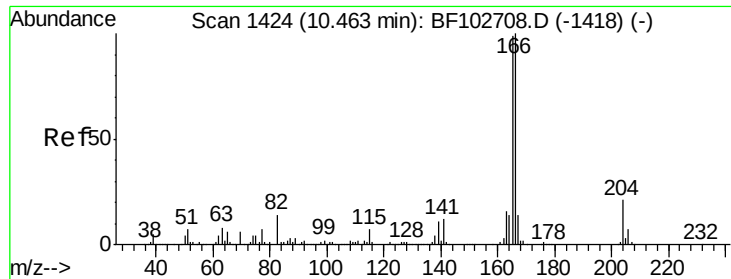
63 44.7 36.4 54.6

89 65.3 57.8 86.6

182 2.2 1.6 2.4







#57

Fluorene

Concen: 39.778 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

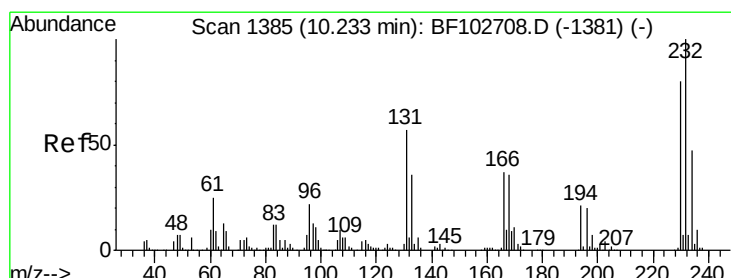
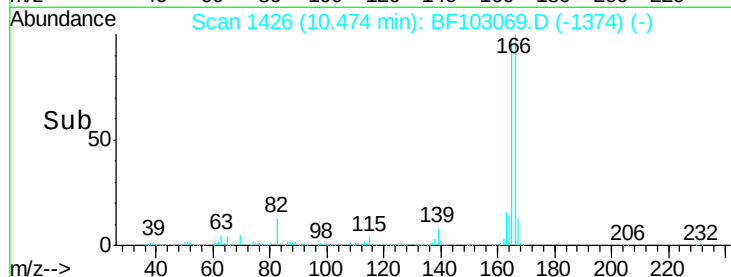
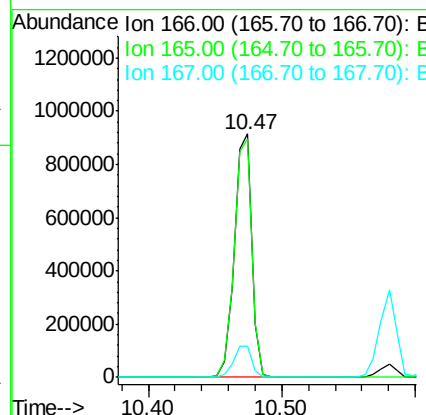
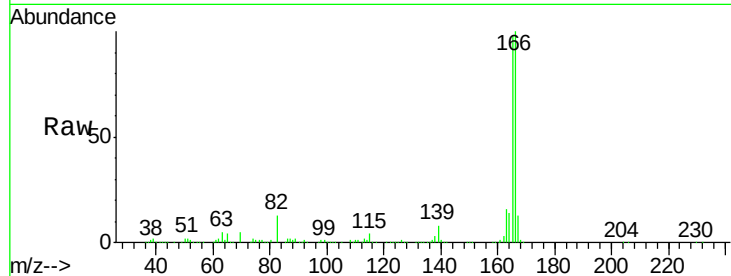
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 846404 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.1  | 79.8  | 119.8  |
| 167       | 12.9  | 10.6  | 16.0   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.194 ng

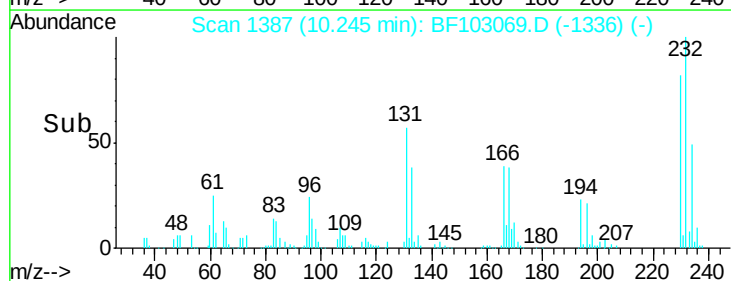
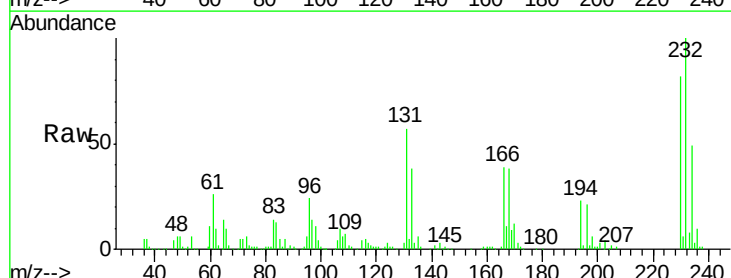
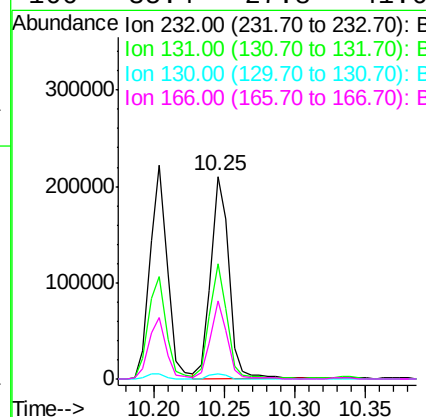
RT: 10.25 min Scan# 1387

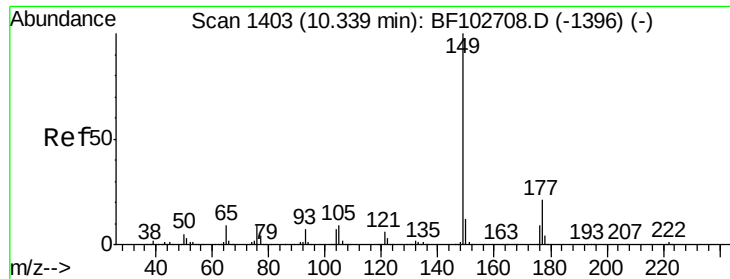
Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 189205 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 54.2  | 43.8  | 65.8   |
| 130       | 2.7   | 2.1   | 3.1    |
| 166       | 35.4  | 27.8  | 41.6   |





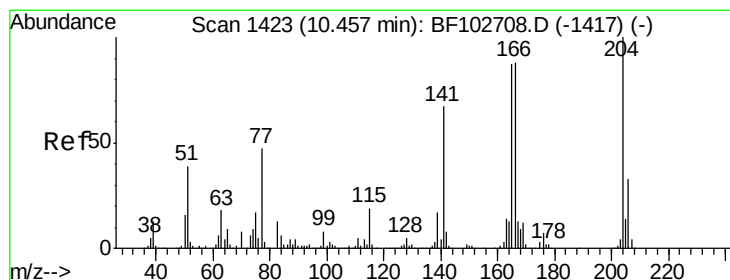
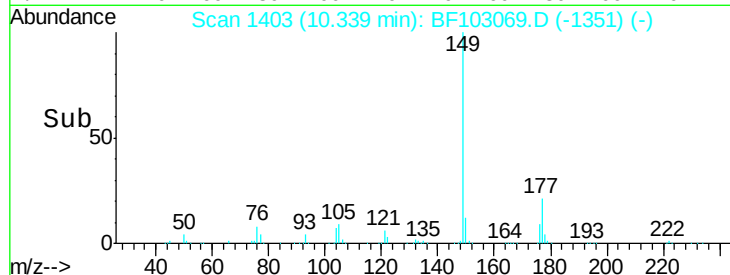
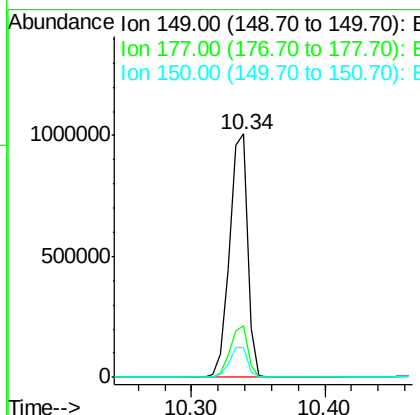
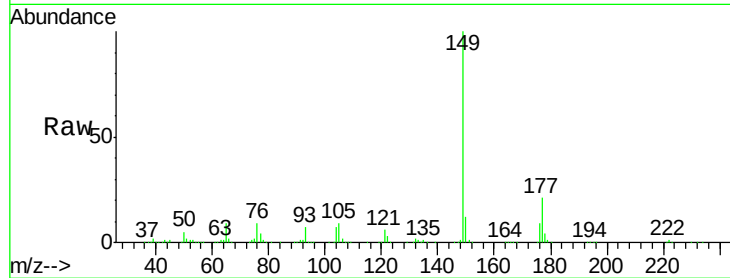
#59  
Diethylphthalate  
Concen: 37.273 ng  
RT: 10.34 min Scan# 1403  
Delta R.T. 0.01 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 966889 |       |       |
| 177     | 21.4  | 16.1   | 24.1  |       |
| 150     | 12.4  | 10.1   | 15.1  |       |

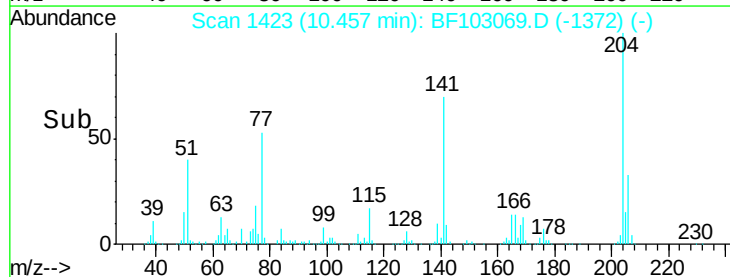
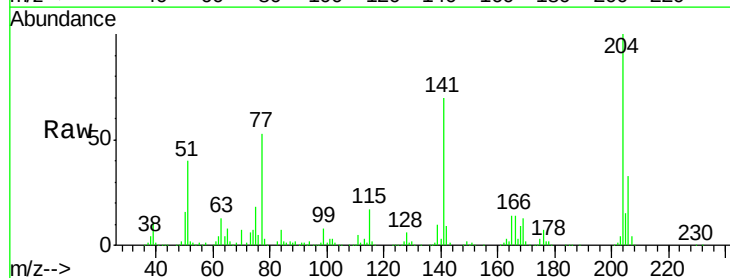
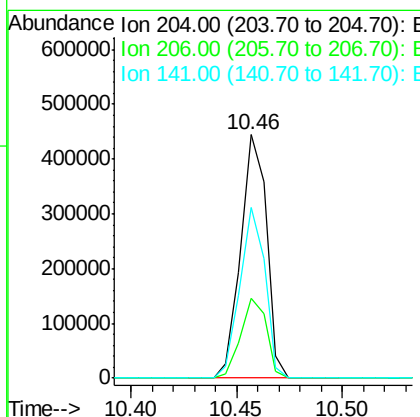
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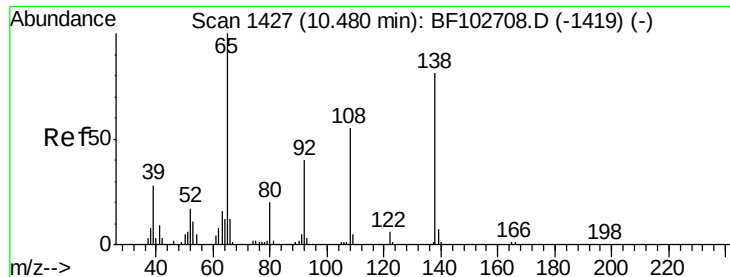
Sohil  
2/20/2018 10:20:12 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 39.905 ng  
RT: 10.46 min Scan# 1423  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 375623 |       |       |
| 206     | 33.0  | 26.5   | 39.7  |       |
| 141     | 69.9  | 54.6   | 81.8  |       |





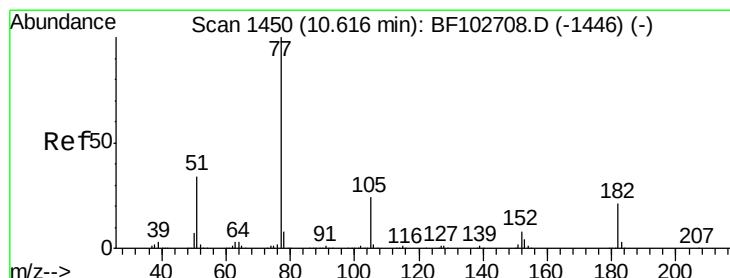
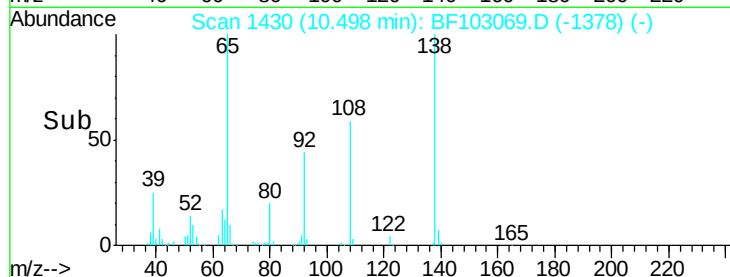
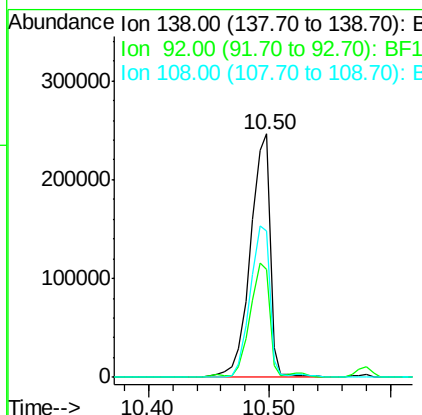
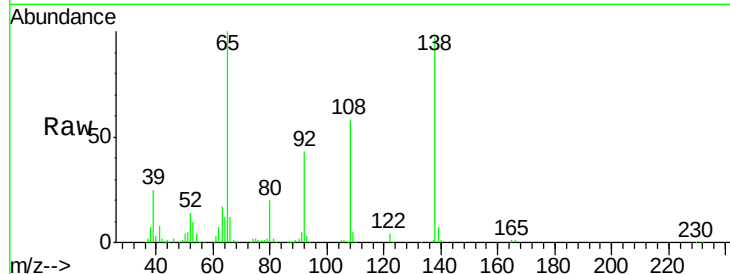
#61  
4-Nitroaniline  
Concen: 48.701 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. 0.01 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 44.4  | 30.2  | 70.2  |
| 108     | 60.0  | 52.5  | 92.5  |

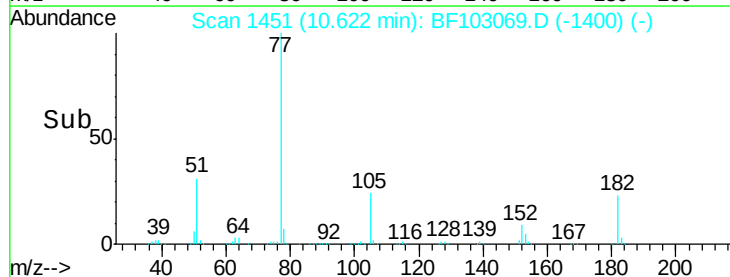
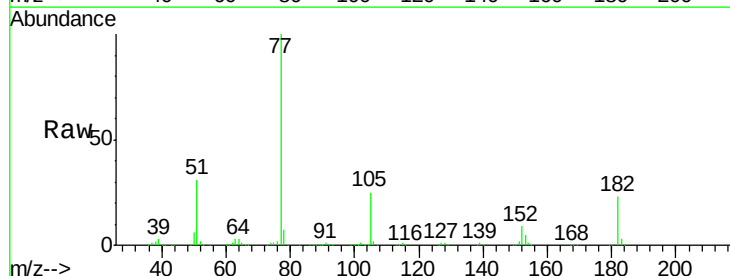
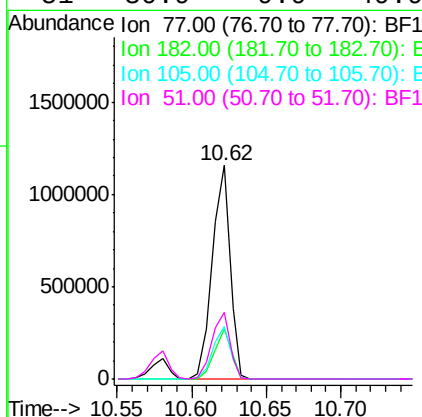
Manual Integrations  
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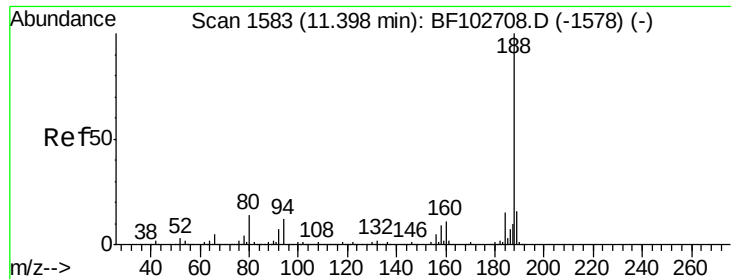
Sohil  
2/20/2018 10:20:12 AM



#62  
Azobenzene  
Concen: 36.986 ng  
RT: 10.62 min Scan# 1451  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.4  | 1.7   | 41.7  |
| 105     | 24.8  | 3.0   | 43.0  |
| 51      | 30.9  | 9.9   | 49.9  |





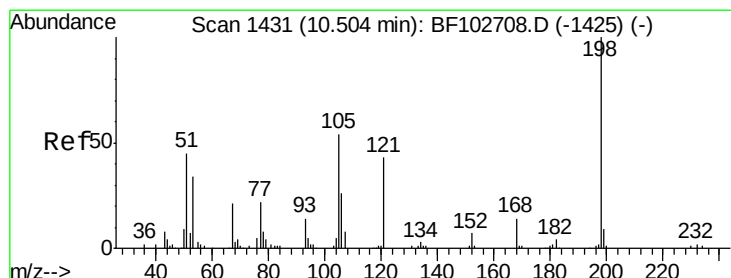
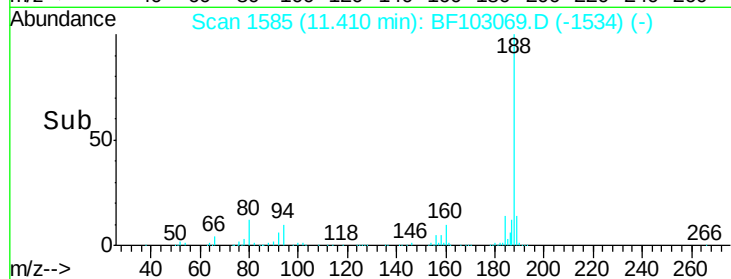
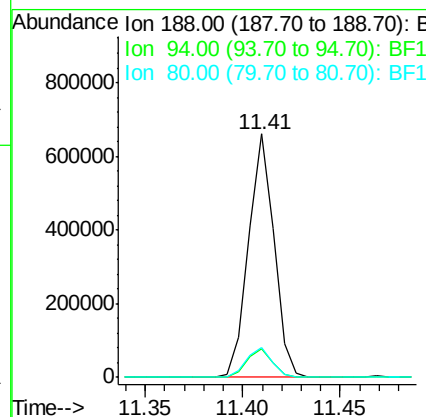
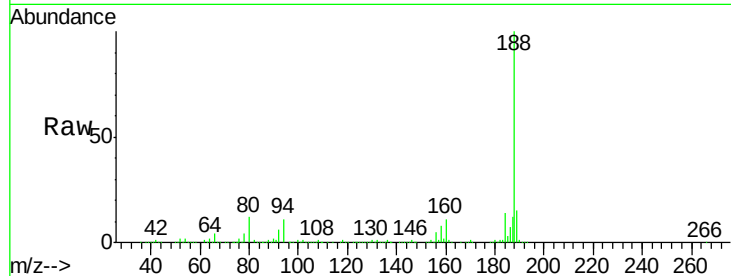
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.41 min Scan# 1585  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 600111 |       |       |
| 94      | 11.5  |        | 8.5   | 12.7  |
| 80      | 12.2  |        | 9.2   | 13.8  |

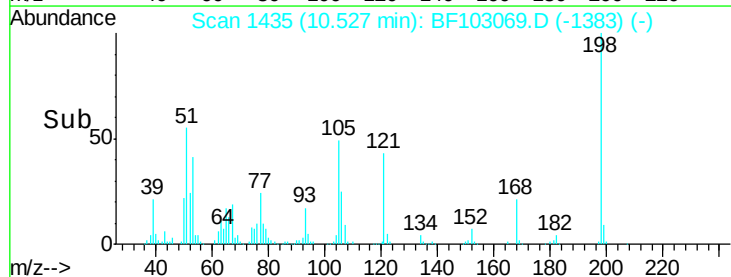
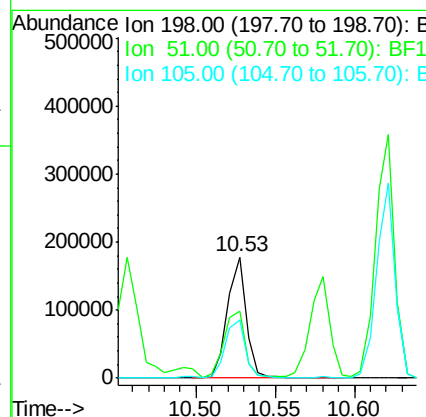
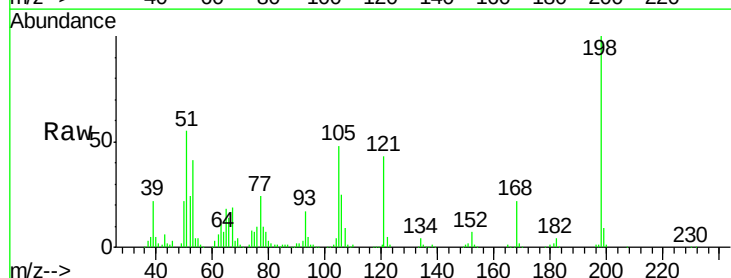
Manual Integrations  
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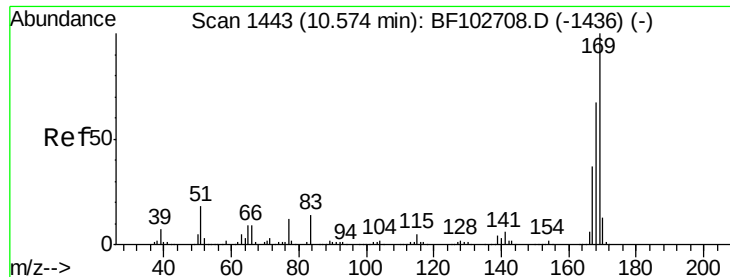
Sohil  
2/20/2018 10:20:12 AM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 56.253 ng  
RT: 10.53 min Scan# 1435  
Delta R.T. 0.01 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 148725 |       |       |
| 51      | 55.5  |        | 37.7  | 77.7  |
| 105     | 48.4  |        | 36.3  | 76.3  |





#65

n-Nitrosodiphenylamine

Concen: 36.369 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

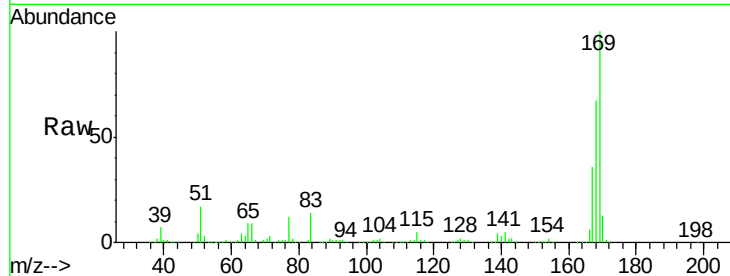
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 769854 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.2  | 54.4  | 81.6   |
| 167       | 36.2  | 29.8  | 44.6   |

Manual Integrations  
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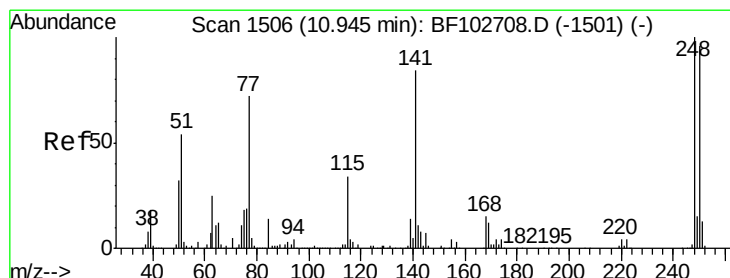
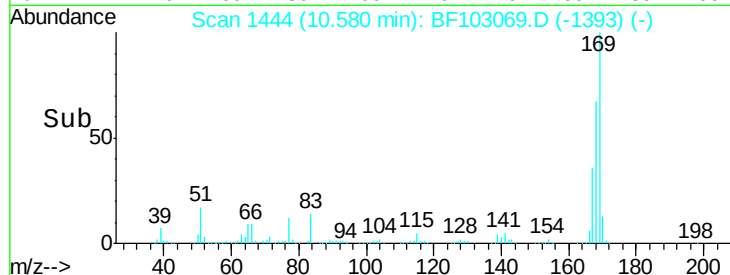
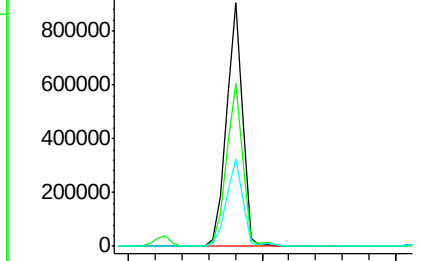
Sohil  
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.226 ng

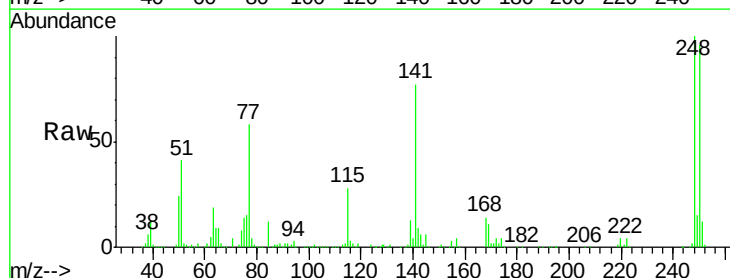
RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

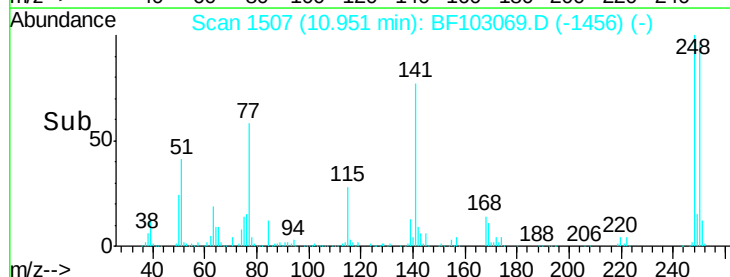
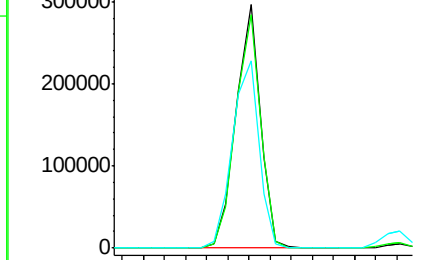
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 236314 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.0  | 76.9  | 115.3  |
| 141       | 77.1  | 74.4  | 111.6  |

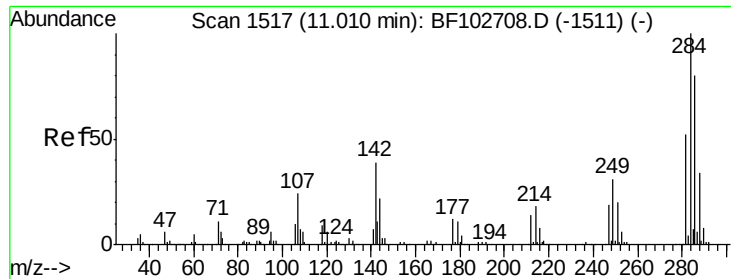


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.391 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

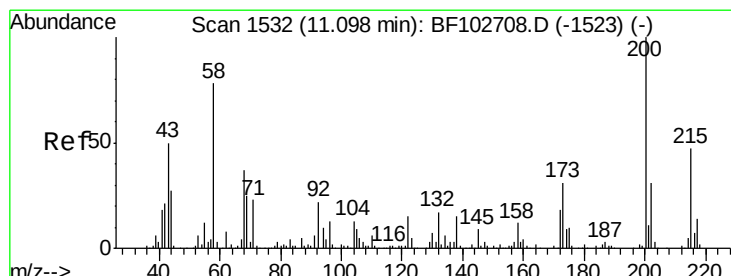
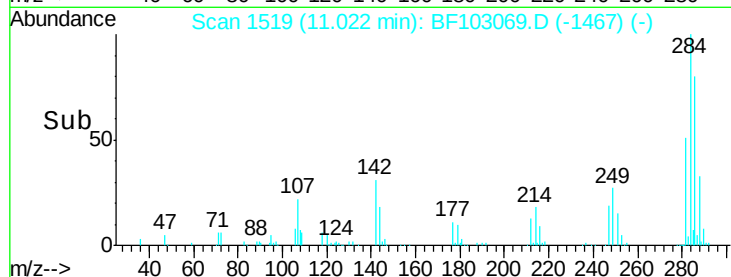
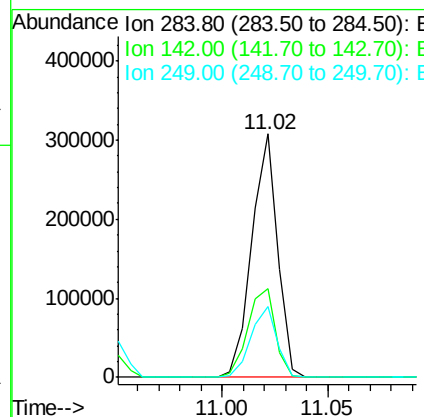
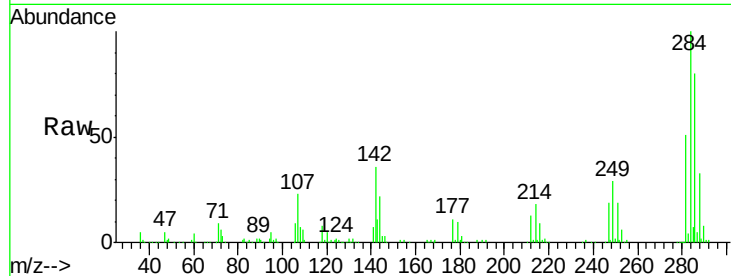
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 261854 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 36.2  | 34.6  | 52.0   |
| 249       | 29.0  | 24.8  | 37.2   |

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#68

Atrazine

Concen: 38.521 ng

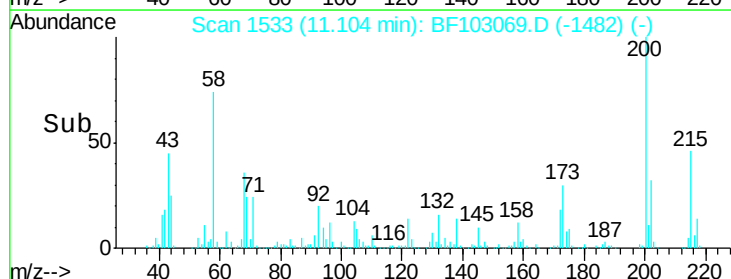
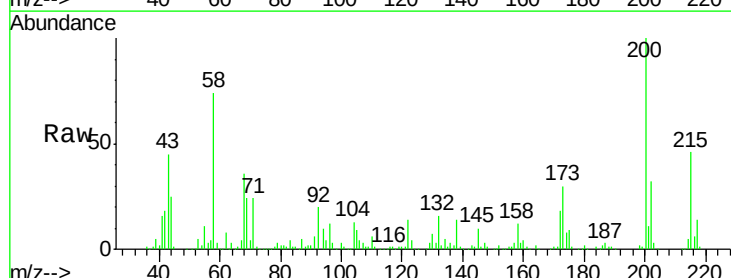
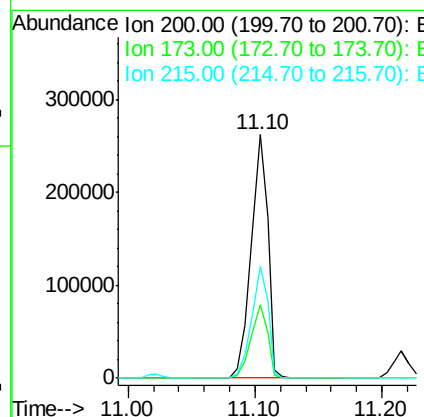
RT: 11.10 min Scan# 1533

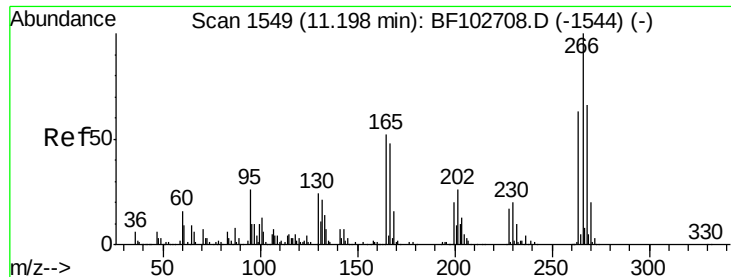
Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 240553 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 30.2  | 8.6   | 48.6   |
| 215       | 45.8  | 25.1  | 65.1   |





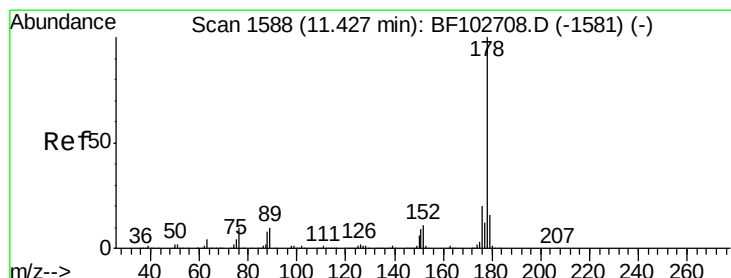
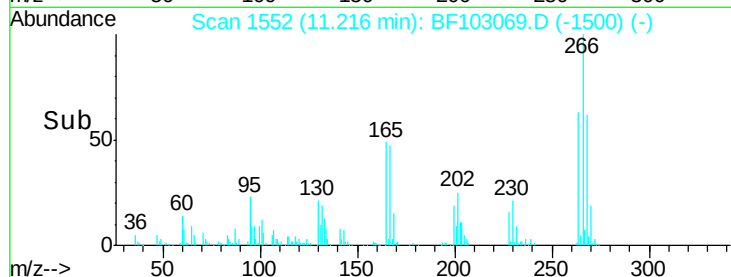
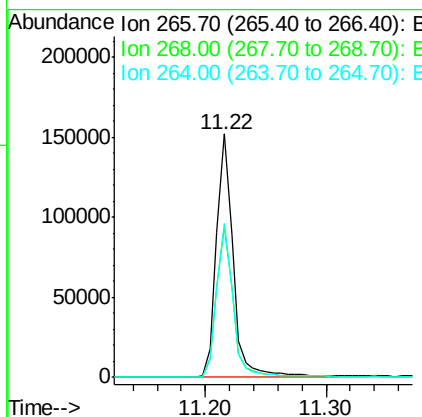
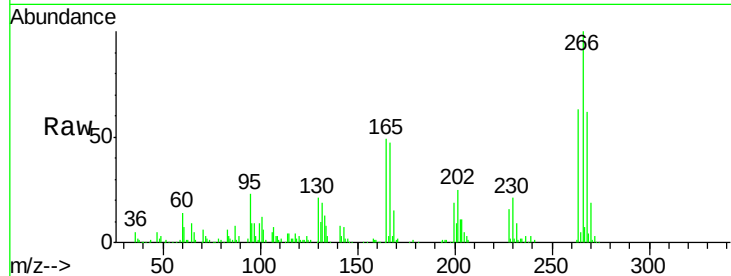
#69  
 Pentachlorophenol  
 Concen: 35.409 ng  
 RT: 11.22 min Scan# 1552  
 Delta R.T. 0.01 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.6  | 51.1  | 76.7  |
| 264     | 63.5  | 49.5  | 74.3  |

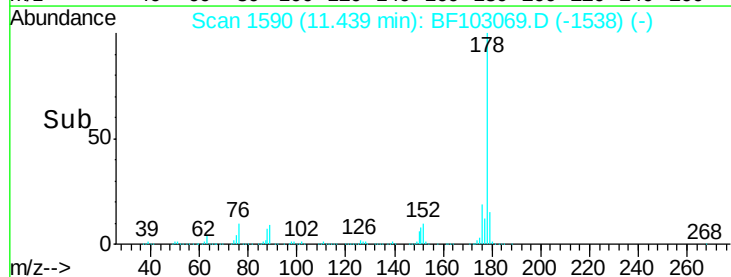
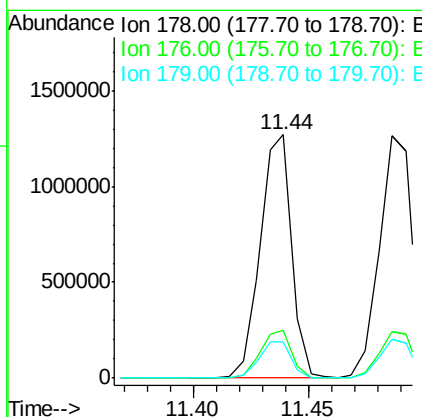
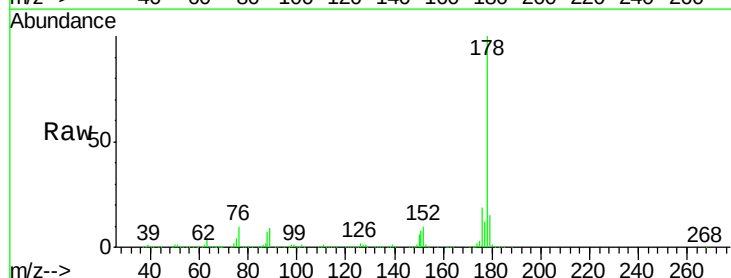
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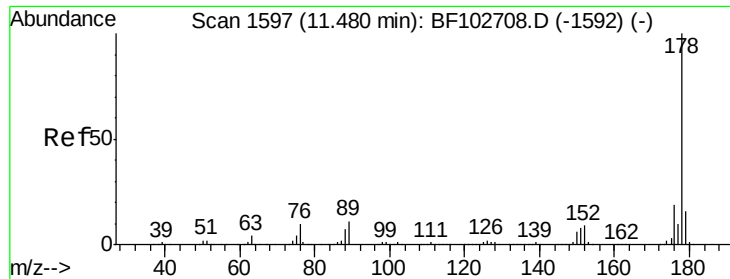
Sohil  
 2/20/2018 10:20:12 AM



#70  
 Phenanthrene  
 Concen: 36.043 ng  
 RT: 11.44 min Scan# 1590  
 Delta R.T. 0.01 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.8  | 23.8  |
| 179     | 15.1  | 13.0  | 19.6  |





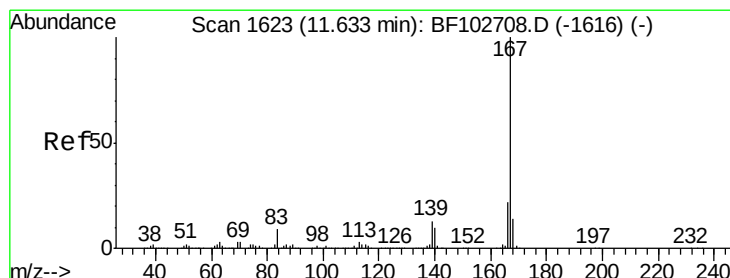
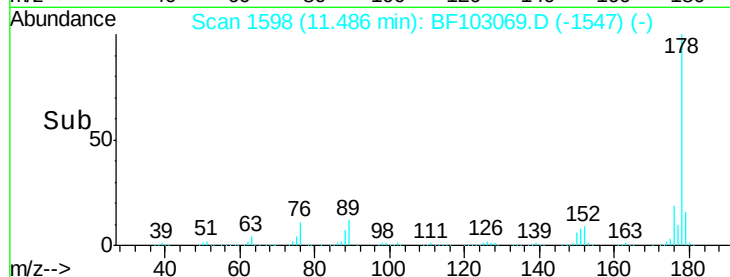
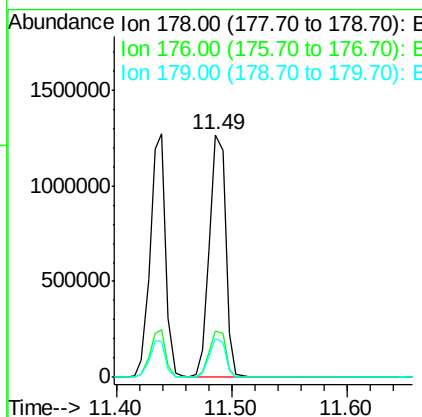
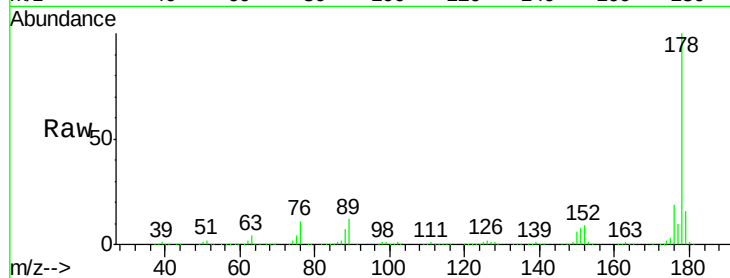
#71  
 Anthracene  
 Concen: 36.833 ng  
 RT: 11.49 min Scan# 1598  
 Delta R.T. -0.00 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:178 Resp: 1252088  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 15.4 23.2  
 179 15.8 12.6 19.0

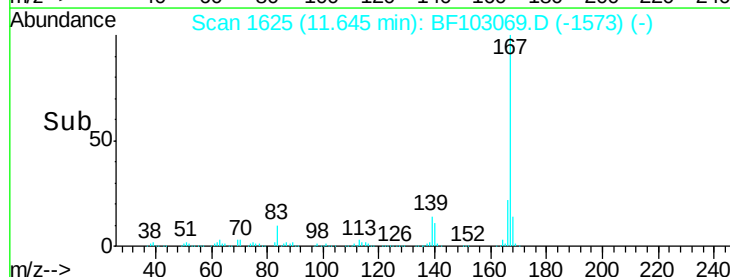
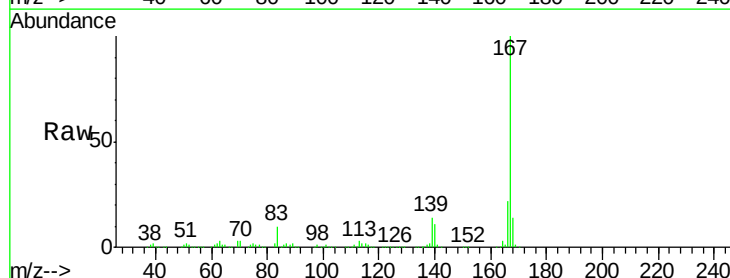
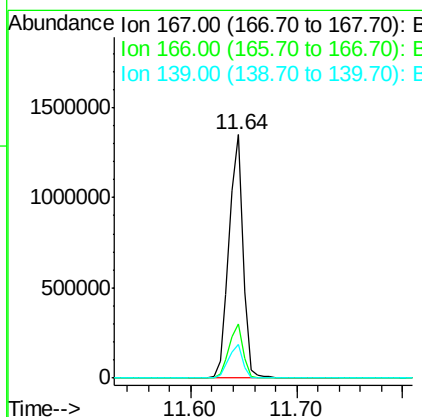
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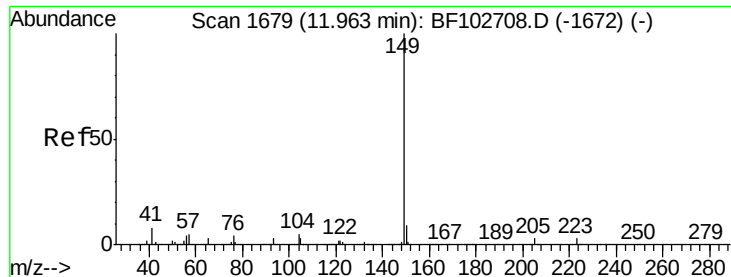


#72  
 Carbazole  
 Concen: 37.361 ng  
 RT: 11.64 min Scan# 1625  
 Delta R.T. 0.01 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

Tgt Ion:167 Resp: 1244222  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 17.6 26.4  
 139 13.8 10.9 16.3







#73

Di-n-butylphthalate

Concen: 38.769 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

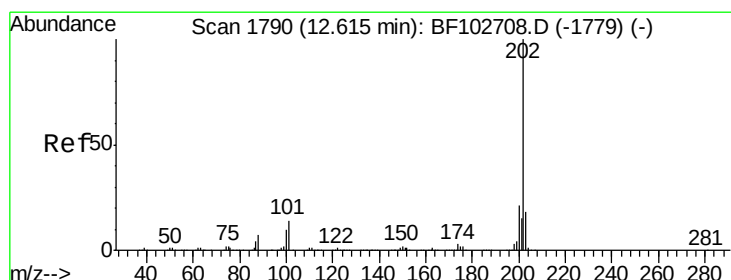
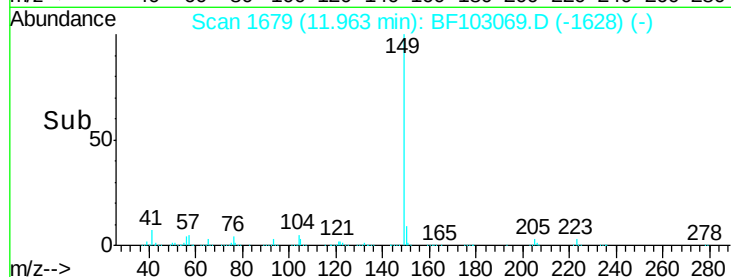
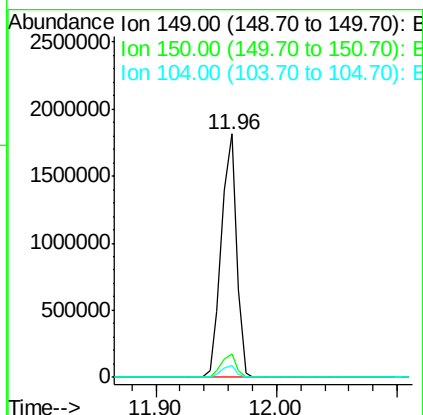
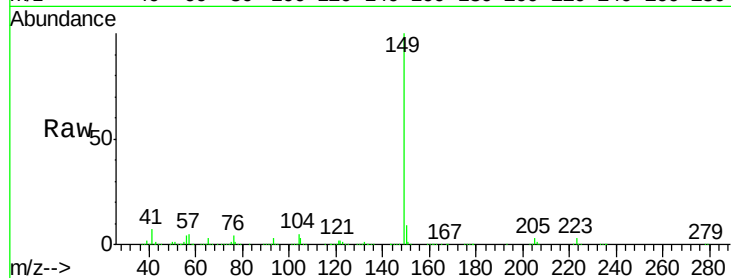
ClientSampleId :

SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1568380 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 150      | 9.4   | 7.8   | 11.6    |
| 104      | 4.7   | 3.8   | 5.8     |

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#74

Fluoranthene

Concen: 37.337 ng

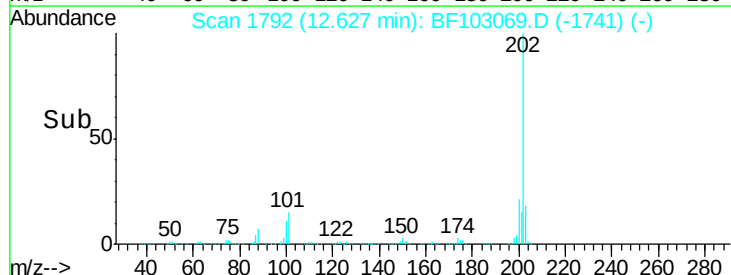
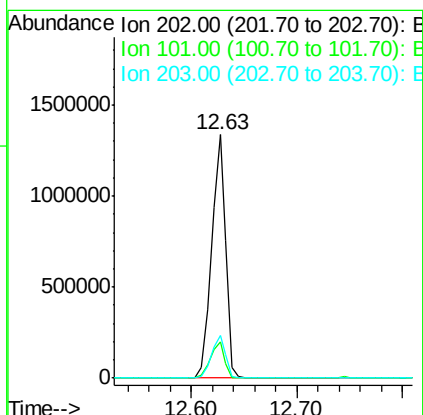
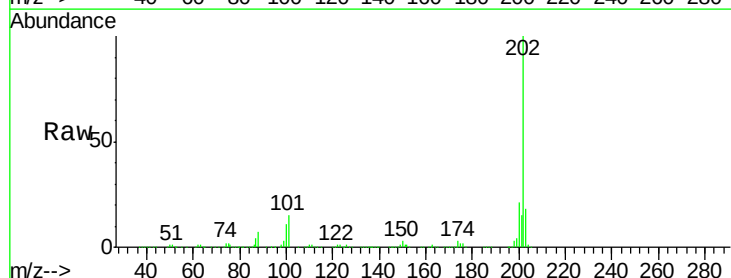
RT: 12.63 min Scan# 1792

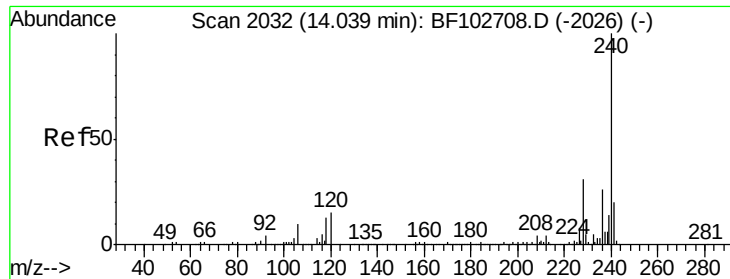
Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 202   | Resp: | 1255508 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 14.9  | 0.0   | 34.1    |
| 203      | 17.6  | 0.0   | 38.1    |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

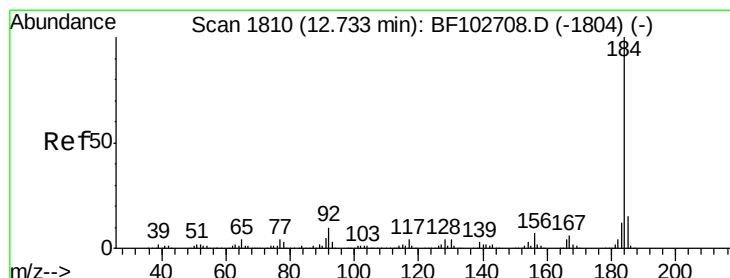
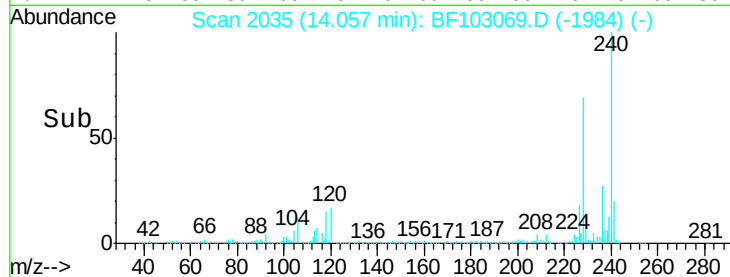
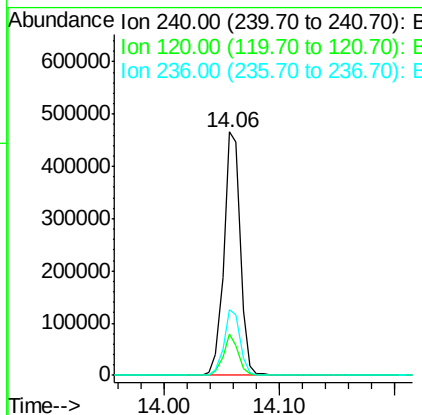
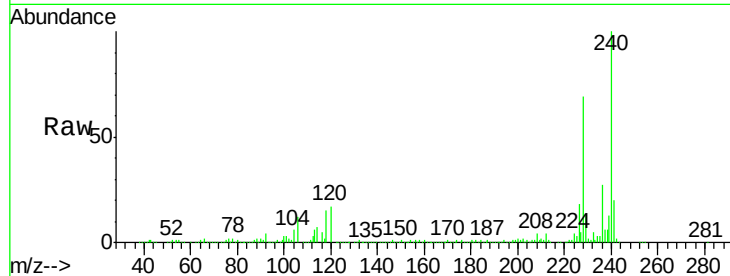
ClientSampleId :

SSTDCCC040

Tgt Ion: 240 Resp: 458147  
 Ion Ratio Lower Upper  
 240 100  
 120 16.9 9.5 14.3#  
 236 27.1 20.7 31.1

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#76

Benzidine

Concen: 42.819 ng

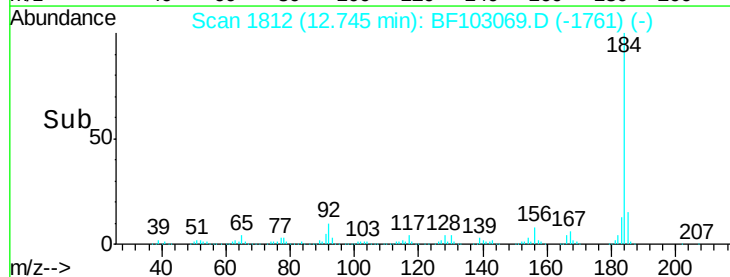
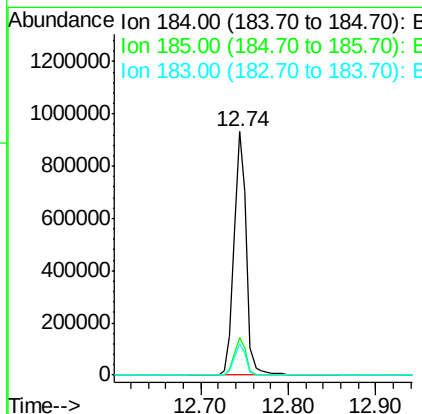
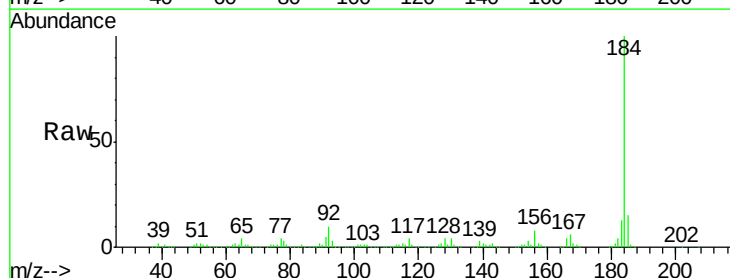
RT: 12.74 min Scan# 1812

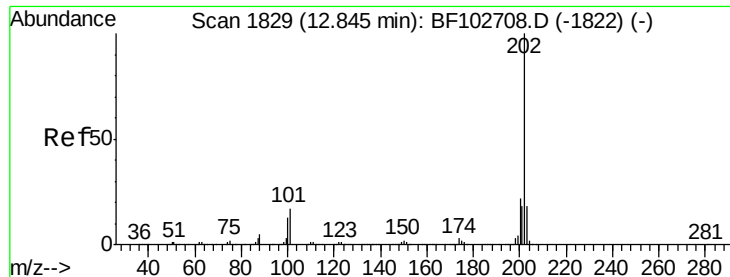
Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Tgt Ion: 184 Resp: 901610  
 Ion Ratio Lower Upper  
 184 100  
 185 15.2 12.6 18.8  
 183 12.7 9.3 13.9





#77

Pyrene

Concen: 36.139 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 1298317

Ion Ratio Lower Upper

202 100

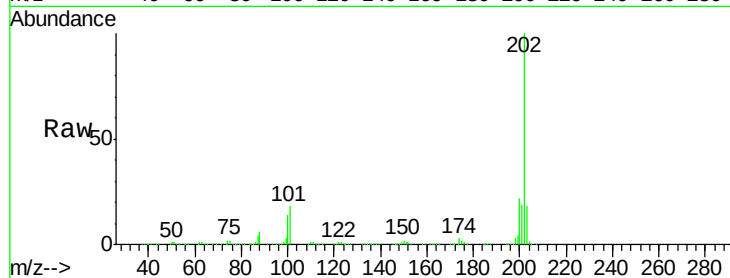
200 21.9 17.4 26.2

203 17.9 14.3 21.5

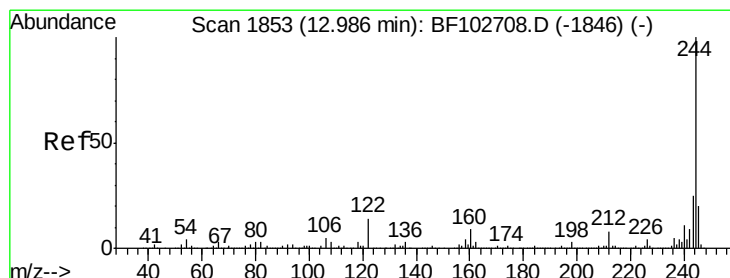
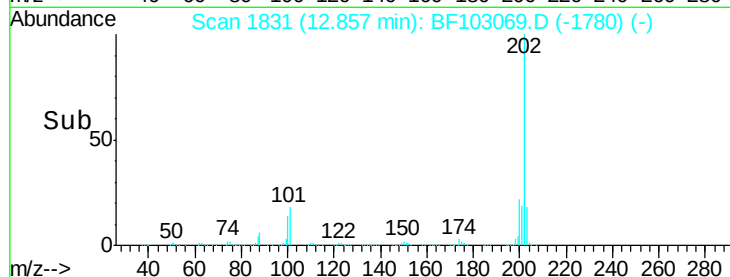
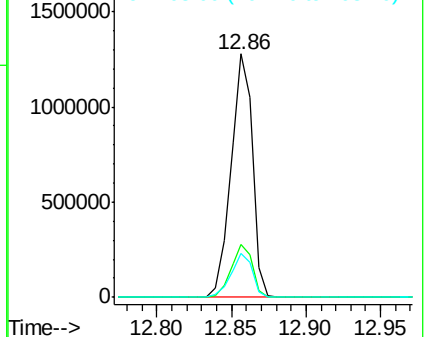
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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.115 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

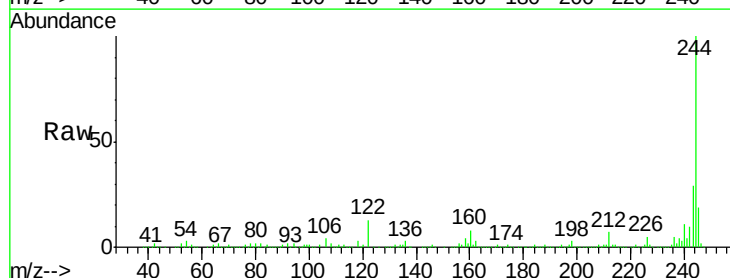
Tgt Ion:244 Resp: 1337319

Ion Ratio Lower Upper

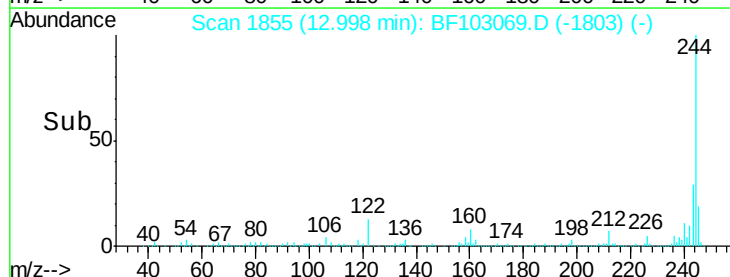
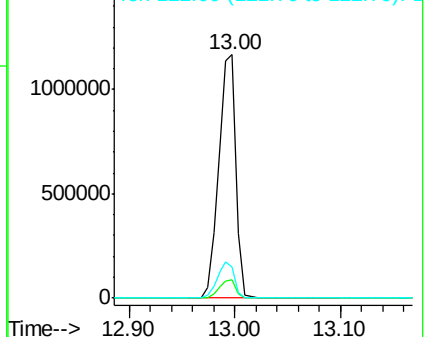
244 100

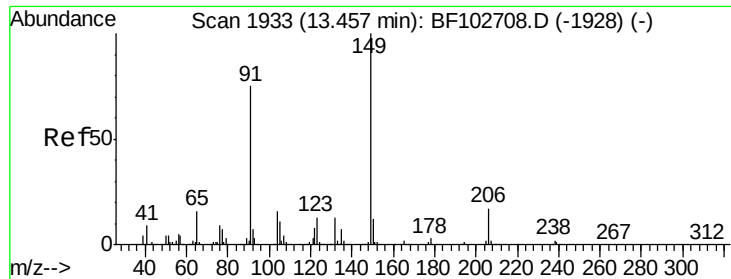
212 7.3 5.4 8.0

122 13.0 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





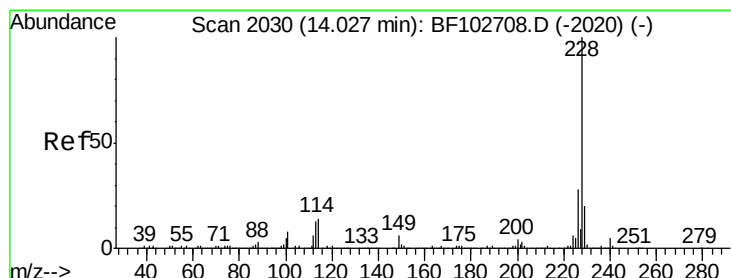
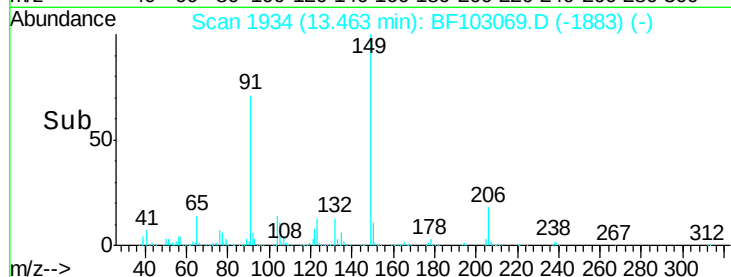
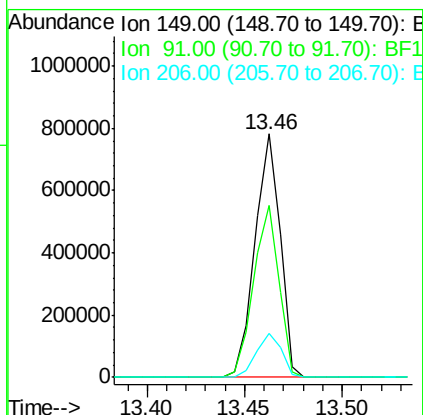
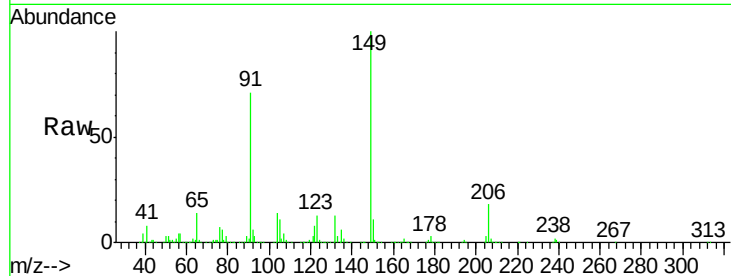
#79  
Butylbenzylphthalate  
Concen: 40.807 ng  
RT: 13.46 min Scan# 1934  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 70.8  | 56.8       | 85.2       |
| 206     | 18.1  | 14.1       | 21.1       |

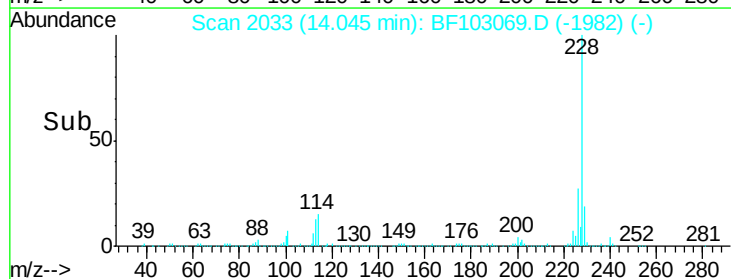
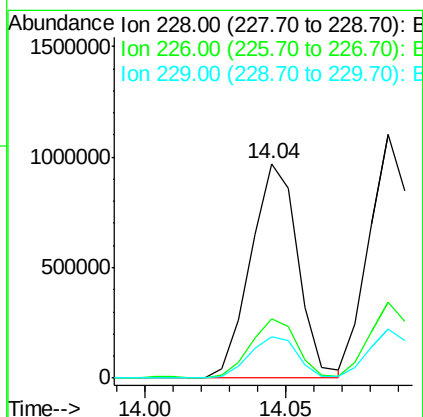
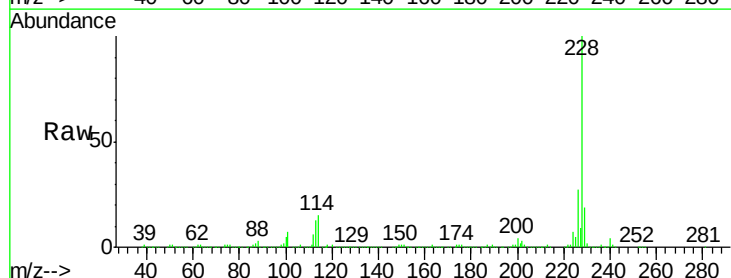
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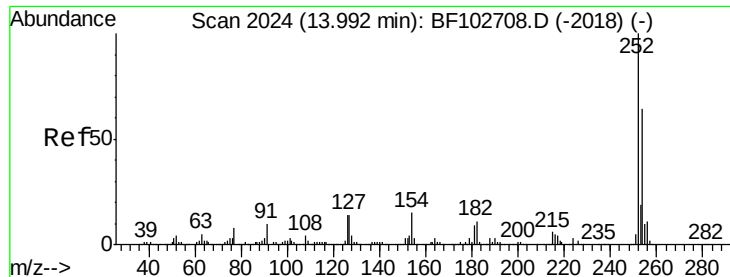
Sohil  
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#80  
Benzo(a)anthracene  
Concen: 39.052 ng  
RT: 14.04 min Scan# 2033  
Delta R.T. -0.00 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 27.4  | 22.6       | 33.8       |
| 229     | 19.2  | 15.8       | 23.6       |





#81

3,3'-Dichlorobenzidine

Concen: 38.799 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

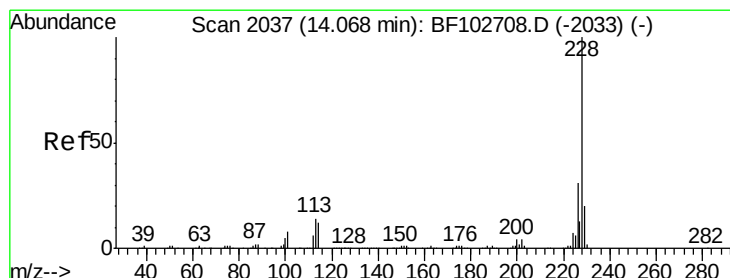
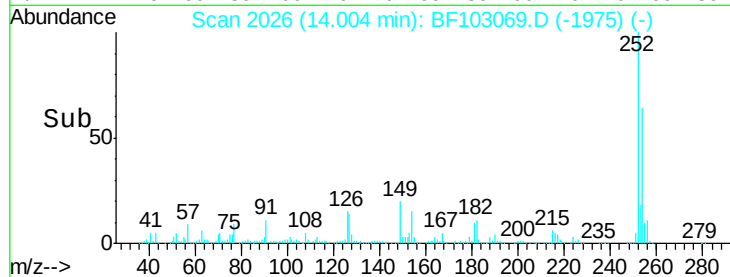
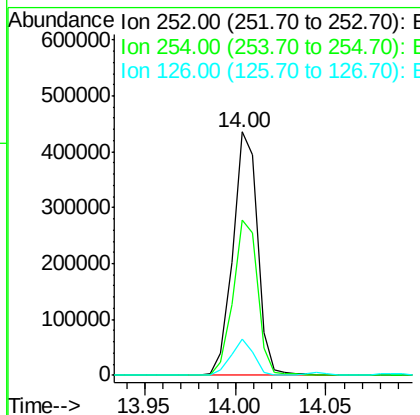
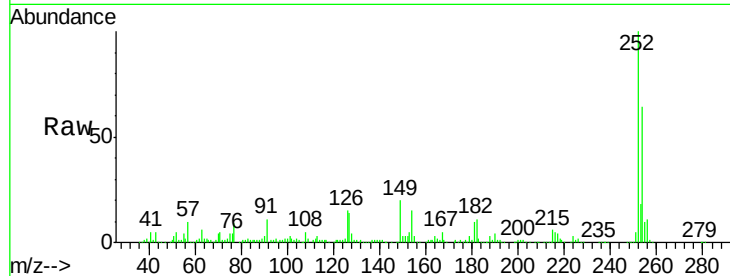
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 414502 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 254       | 63.7 | 50.4  | 75.6   |
| 126       | 14.7 | 11.3  | 16.9   |

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#82

Chrysene

Concen: 36.654 ng

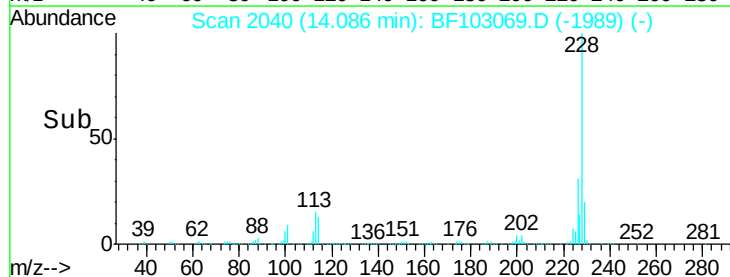
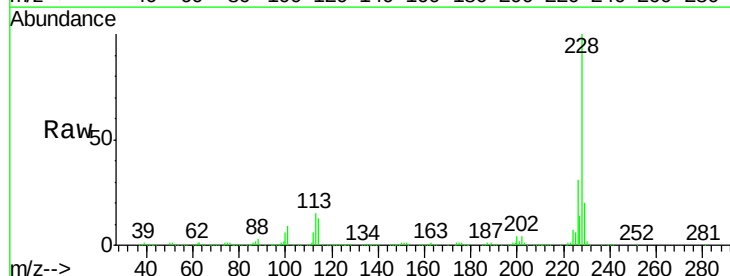
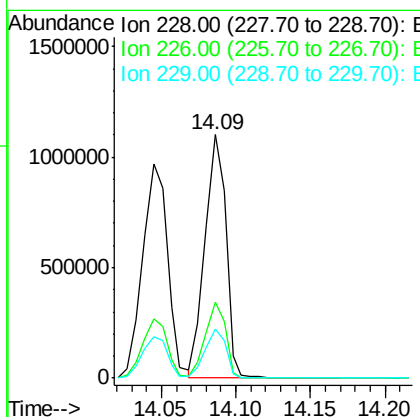
RT: 14.09 min Scan# 2040

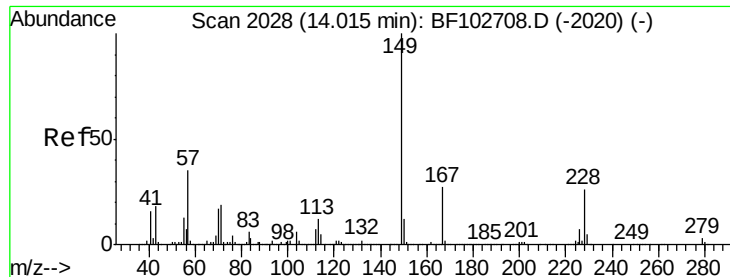
Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 228  | Resp: | 1064615 |
| Ion Ratio |      | Lower | Upper   |
| 228       | 100  |       |         |
| 226       | 31.1 | 25.0  | 37.6    |
| 229       | 20.3 | 16.2  | 24.4    |





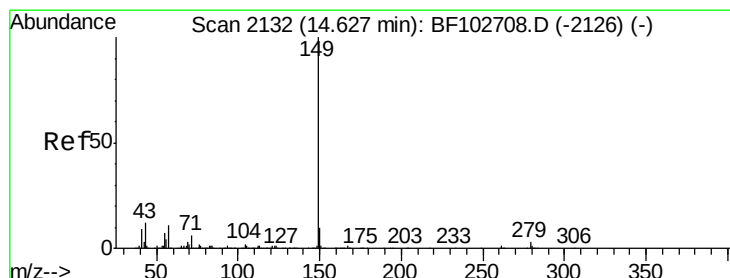
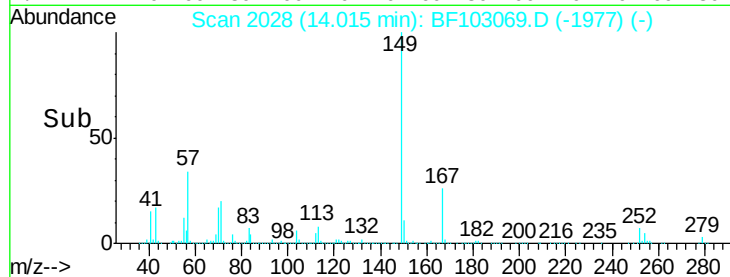
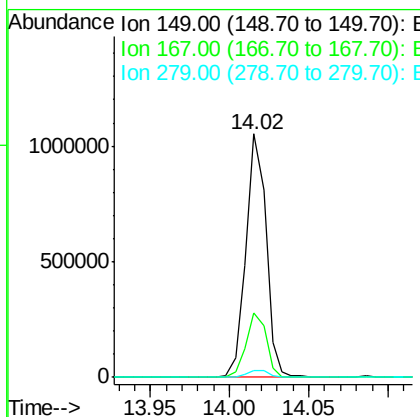
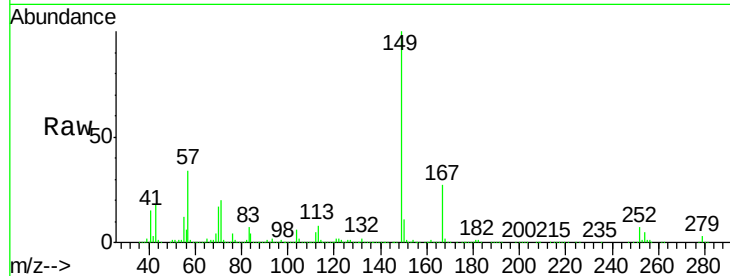
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.225 ng  
 RT: 14.02 min Scan# 2028  
 Delta R.T. -0.00 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.5  | 21.3  | 31.9  |
| 279     | 3.0   | 3.0   | 4.4   |

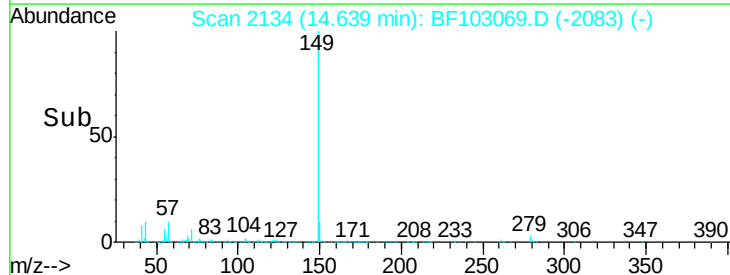
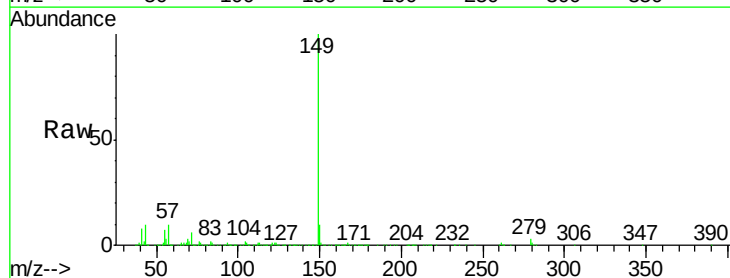
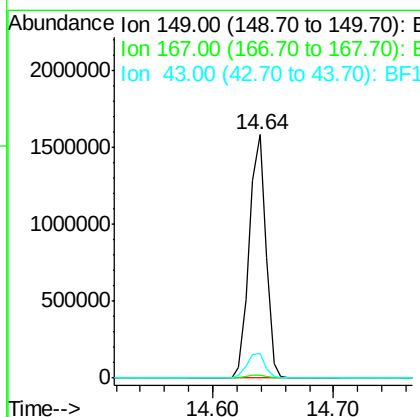
Manual Integrations  
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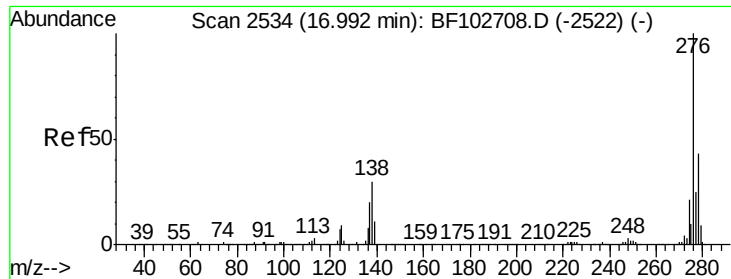
Sohil  
 2/20/2018 10:20:12 AM



#84  
 Di-n-octyl phthalate  
 Concen: 46.670 ng  
 RT: 14.64 min Scan# 2134  
 Delta R.T. -0.00 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.2   | 1.8   |
| 43      | 10.6  | 8.4   | 12.6  |





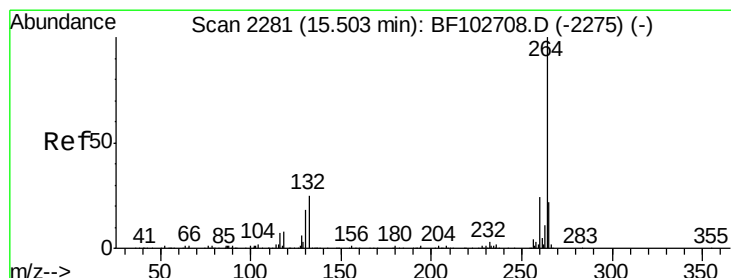
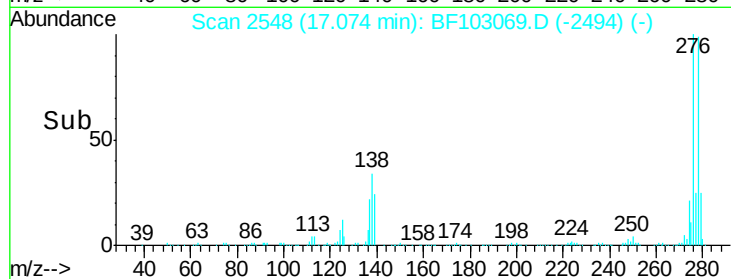
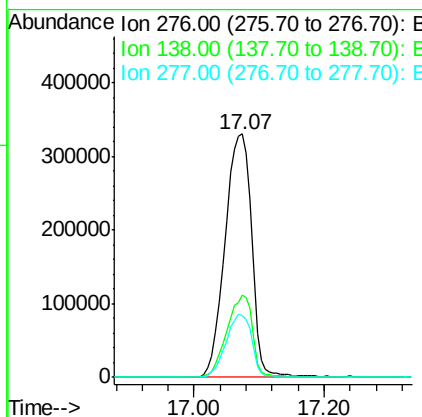
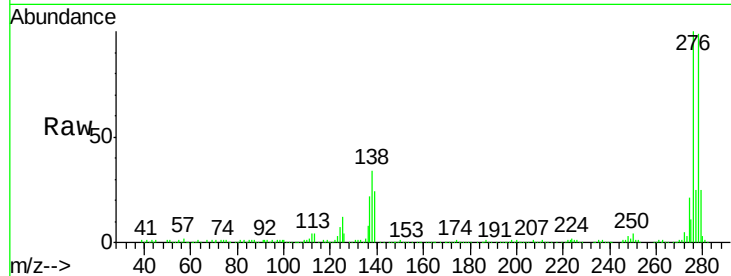
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.073 ng  
 RT: 17.07 min Scan# 2548  
 Delta R.T. 0.02 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 32.6  | 25.0  | 37.6  |
| 277     | 25.3  | 20.1  | 30.1  |

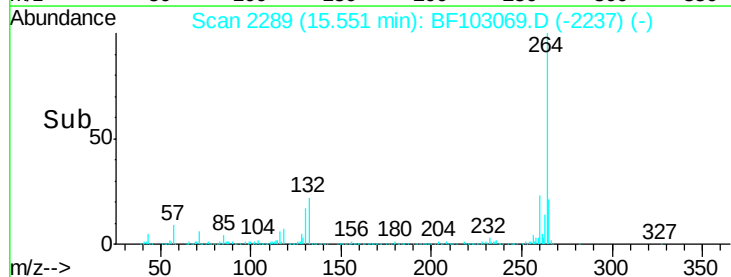
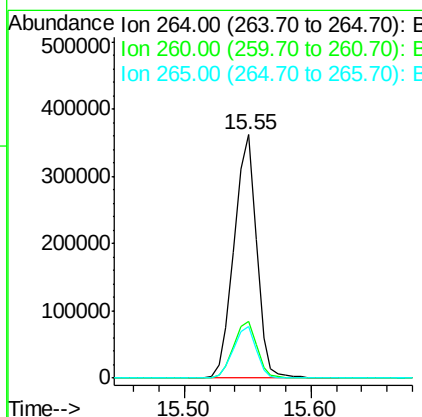
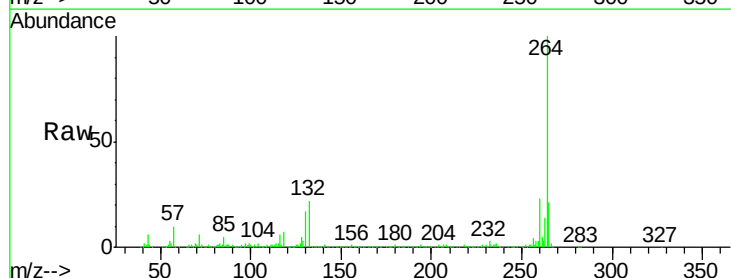
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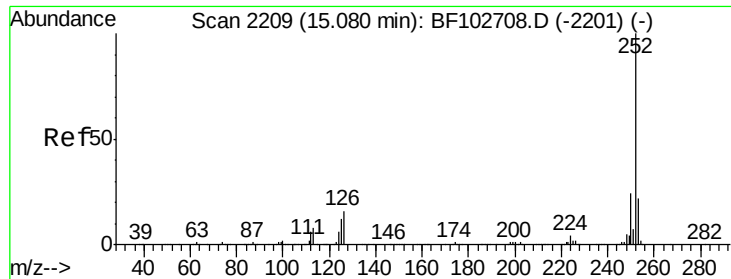
Sohil  
 2/20/2018 10:20:12 AM



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.55 min Scan# 2289  
 Delta R.T. 0.01 min  
 Lab File: BF103069.D  
 Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 19.2  | 28.8  |
| 265     | 21.0  | 17.5  | 26.3  |





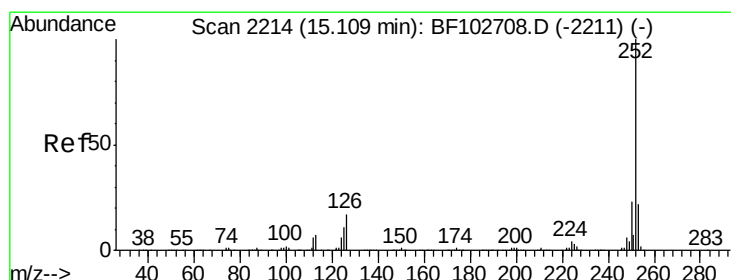
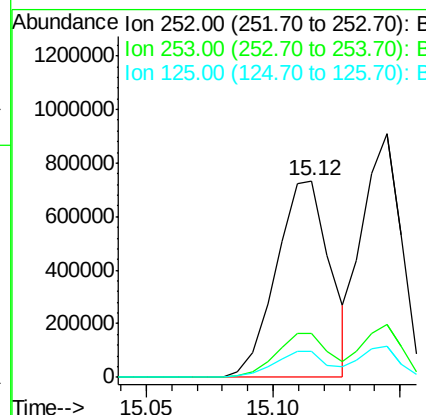
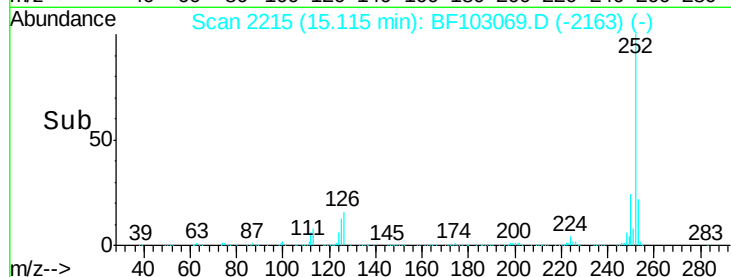
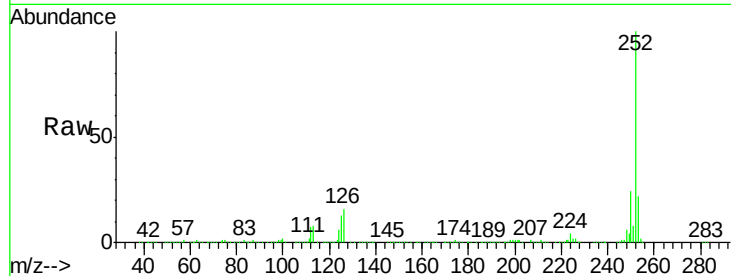
#87  
Benzo(b)fluoranthene  
Concen: 37.778 ng  
RT: 15.12 min Scan# 2215  
Delta R.T. 0.01 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:252 Resp: 1084562  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.0 25.6  
125 13.1 9.0 13.6

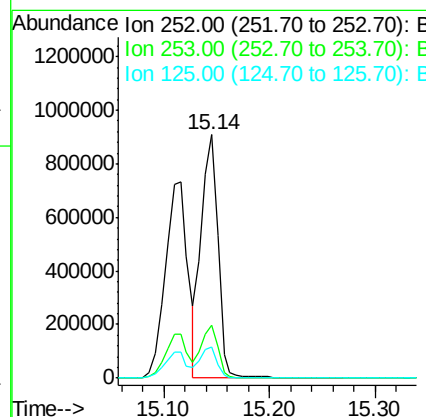
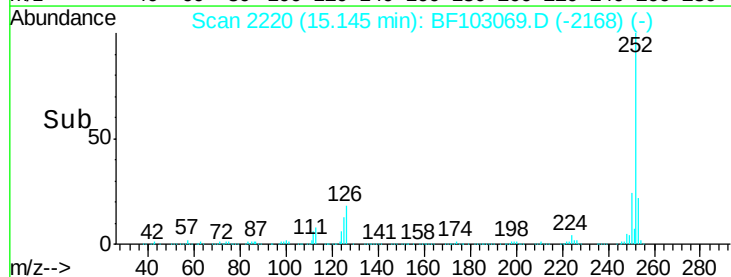
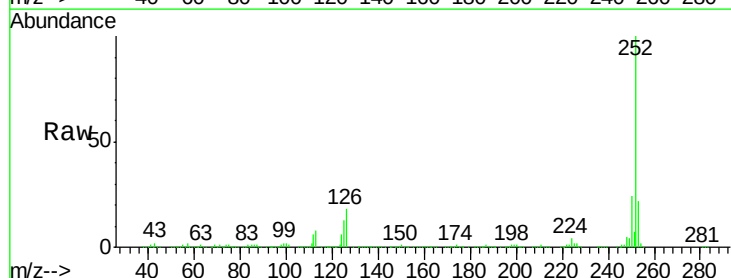
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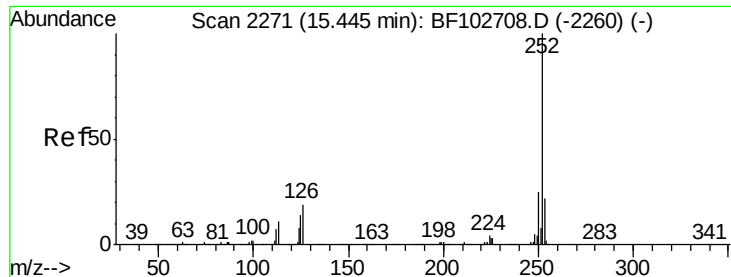


#88  
Benzo(k)fluoranthene  
Concen: 35.910 ng  
RT: 15.14 min Scan# 2220  
Delta R.T. 0.01 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Tgt Ion:252 Resp: 985046  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.9 26.9  
125 12.7 10.2 15.2







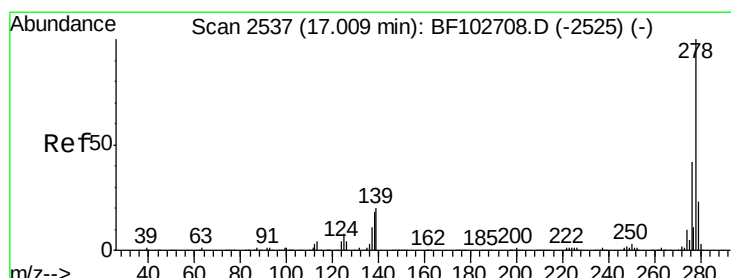
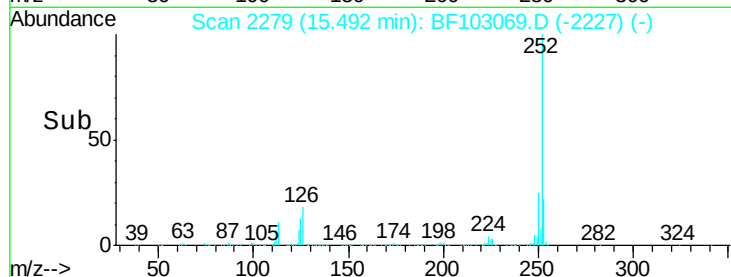
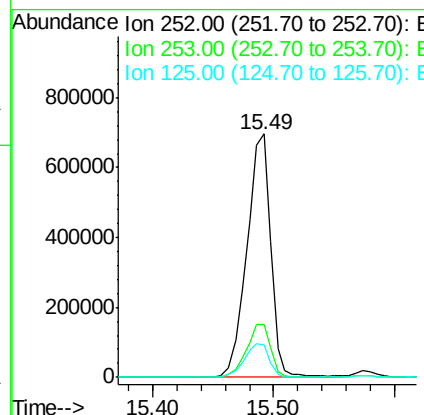
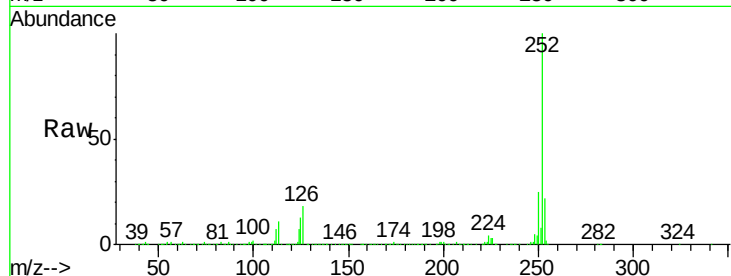
#89  
Benzo(a)pyrene  
Concen: 37.264 ng  
RT: 15.49 min Scan# 2279  
Delta R.T. 0.01 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 22.0  | 17.1       | 25.7       |
| 125     | 13.4  | 9.8        | 14.6       |

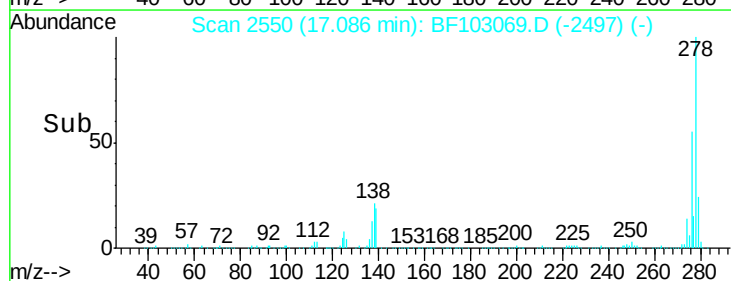
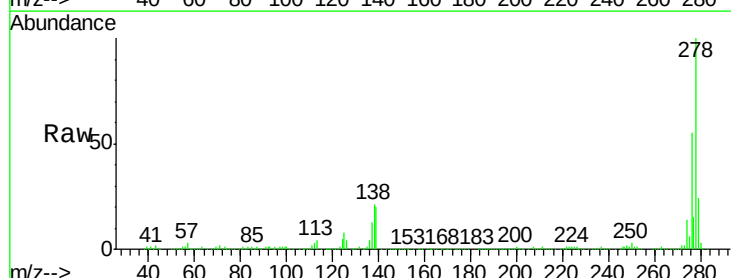
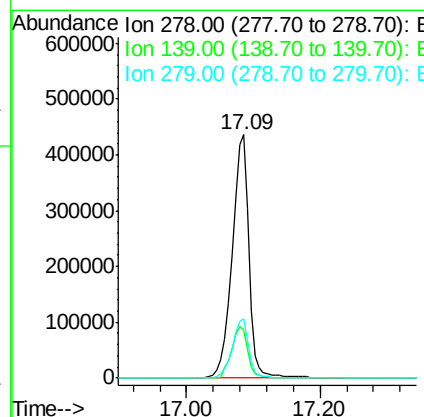
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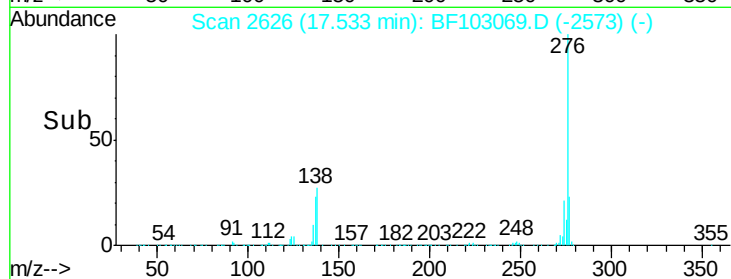
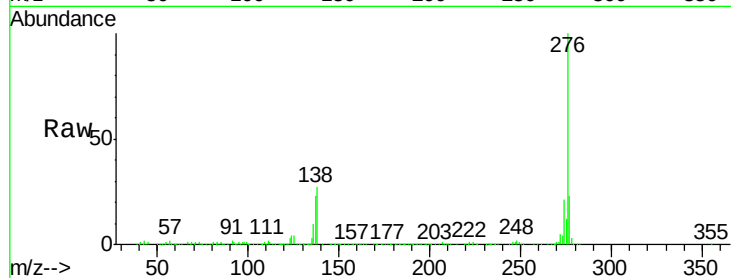
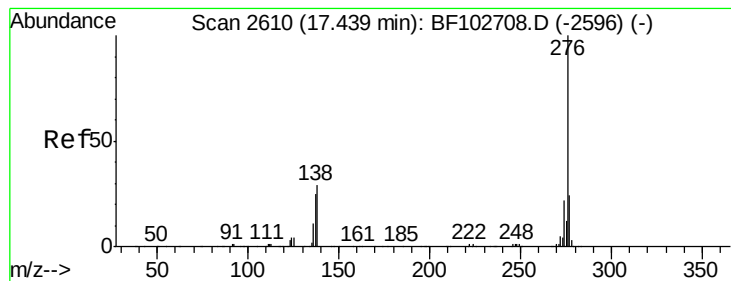
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2/20/2018 10:20:12 AM



#90  
Dibenzo(a,h)anthracene  
Concen: 37.181 ng  
RT: 17.09 min Scan# 2550  
Delta R.T. 0.01 min  
Lab File: BF103069.D  
Acq: 19 Feb 2018 9:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 278     | 100   |            |            |
| 139     | 19.6  | 15.9       | 23.9       |
| 279     | 24.1  | 19.0       | 28.4       |





#91

Benzo(g,h,i)perylene

Concen: 38.052 ng

RT: 17.53 min Scan# 2626

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 781192 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.0 | 17.9  | 26.9   |
| 138       | 27.3 | 21.8  | 32.8   |

Manual Integrations  
APPROVED

Sohil  
2/20/2018 10:20:12 AM

