

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\  
 Data File : BF102211.D  
 Acq On : 19 Jan 2018 9:44  
 Operator : SJ/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC0040

Manual Integrations  
 APPROVED

Sohil  
 1/22/2018 5:23:42 PM

Quant Time: Jan 19 15:47:21 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 19 13:31:35 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 174602   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.01  | 136  | 707911   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.76  | 164  | 307670   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.24 | 188  | 490005   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.87 | 240  | 296484   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.29 | 264  | 289048   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.33  | 112 | 896314  | 72.49 | ng | 0.00 |
| 7) Phenol-d6             | 6.37  | 99  | 1072232 | 72.68 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.30  | 82  | 976660  | 81.07 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.55 | 330 | 219150  | 81.62 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.09  | 172 | 1661544 | 84.37 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.83 | 244 | 1106957 | 77.52 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.39 | 88  | 212580  | 34.450 | ng | 96     |
| 3) Pyridine                    | 3.09 | 79  | 581150  | 34.487 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.06 | 42  | 239166  | 33.892 | ng | 98     |
| 6) Aniline                     | 6.39 | 93  | 732262  | 35.221 | ng | 99     |
| 8) 2-Chlorophenol              | 6.51 | 128 | 465543  | 37.540 | ng | 99     |
| 9) Benzaldehyde                | 6.27 | 77  | 325308  | 31.758 | ng | 96     |
| 10) Phenol                     | 6.38 | 94  | 566705  | 33.991 | ng | 76     |
| 11) bis(2-Chloroethyl)ether    | 6.47 | 93  | 450893  | 35.532 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.66 | 146 | 553747  | 38.736 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.74 | 146 | 549086  | 38.492 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.90 | 146 | 505103  | 38.256 | ng | 98     |
| 15) Benzyl Alcohol             | 6.87 | 79  | 384678  | 35.647 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.00 | 45  | 746798  | 31.925 | ng | 99     |
| 17) 2-Methylphenol             | 6.99 | 107 | 414568  | 37.058 | ng | 98     |
| 18) Hexachloroethane           | 7.23 | 117 | 194781  | 38.776 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70  | 334843  | 34.635 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.14 | 107 | 474151  | 35.300 | ng | # 69   |
| 22) Acetophenone               | 7.14 | 105 | 638414  | 37.429 | ng | # 86   |
| 24) Nitrobenzene               | 7.32 | 77  | 501871  | 38.770 | ng | 98     |
| 25) Isophorone                 | 7.55 | 82  | 881848  | 37.048 | ng | 99     |
| 26) 2-Nitrophenol              | 7.63 | 139 | 263538  | 48.641 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.67 | 122 | 376697  | 37.228 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.76 | 93  | 528094  | 36.744 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.87 | 162 | 381852  | 39.743 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 7.95 | 180 | 411354  | 40.931 | ng | 99     |
| 31) Naphthalene                | 8.03 | 128 | 1364592 | 38.577 | ng | 99     |
| 32) Benzoic acid               | 7.80 | 122 | 232144m | 30.255 | ng |        |
| 33) 4-Chloroaniline            | 8.08 | 127 | 575131  | 38.094 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.15 | 225 | 221930  | 41.719 | ng | 99     |
| 35) Caprolactam                | 8.47 | 113 | 126222  | 38.268 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 8.57 | 107 | 395331  | 37.589 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.72 | 142 | 897019  | 38.520 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.89 | 216 | 372876  | 42.838 | ng | 100    |
| 40) Hexachlorocyclopentadiene  | 8.87 | 237 | 177634  | 37.316 | ng | 97     |

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 BNA\_F  
 ClientSampleID :  
 SSTDC0040

Manual Integrations  
 APPROVED

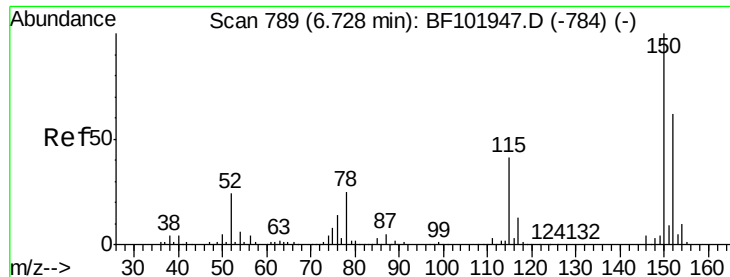
Sohil  
 1/22/2018 5:23:42 PM

Quant Time: Jan 19 15:47:21 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.00  | 196  | 250512   | 41.765 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.04  | 196  | 276209   | 40.743 | nq    | 99       |
| 45) 1,1'-Biphenyl              | 9.19  | 154  | 1066761  | 39.227 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.21  | 162  | 845089   | 40.074 | nq    | 100      |
| 47) 2-Nitroaniline             | 9.31  | 65   | 263080   | 41.647 | nq    | 96       |
| 48) Acenaphthylene             | 9.62  | 152  | 1282300  | 38.315 | nq    | 99       |
| 49) Dimethylphthalate          | 9.49  | 163  | 989376   | 40.086 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.56  | 165  | 212437   | 43.089 | nq    | 87       |
| 51) Acenaphthene               | 9.80  | 154  | 751293   | 36.986 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.72  | 138  | 236515   | 38.012 | nq    | 97       |
| 53) 2,4-Dinitrophenol          | 9.83  | 184  | 50230    | 32.433 | nq    | # 19     |
| 54) Dibenzofuran               | 9.97  | 168  | 1050178  | 37.670 | nq    | 100      |
| 55) 4-Nitrophenol              | 9.88  | 139  | 137797   | 29.717 | nq    | 95       |
| 56) 2,4-Dinitrotoluene         | 9.96  | 165  | 261914   | 42.385 | nq    | # 97     |
| 57) Fluorene                   | 10.31 | 166  | 806089   | 41.827 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.09 | 232  | 187884   | 38.928 | nq    | 97       |
| 59) Diethylphthalate           | 10.19 | 149  | 916641   | 37.336 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.30 | 204  | 351422   | 42.823 | nq    | 96       |
| 61) 4-Nitroaniline             | 10.33 | 138  | 209561   | 35.488 | nq    | 95       |
| 62) Azobenzene                 | 10.46 | 77   | 853141   | 34.926 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.36 | 198  | 100187   | 38.868 | nq    | 93       |
| 65) n-Nitrosodiphenylamine     | 10.42 | 169  | 731053   | 39.842 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.79 | 248  | 221771   | 42.857 | nq    | 91       |
| 67) Hexachlorobenzene          | 10.85 | 284  | 246045   | 43.554 | nq    | 99       |
| 68) Atrazine                   | 10.95 | 200  | 211946   | 39.969 | nq    | 99       |
| 69) Pentachlorophenol          | 11.04 | 266  | 120075   | 34.857 | nq    | 100      |
| 70) Phenanthrene               | 11.27 | 178  | 1098766  | 38.388 | nq    | 99       |
| 71) Anthracene                 | 11.32 | 178  | 1119613  | 38.569 | nq    | 99       |
| 72) Carbazole                  | 11.47 | 167  | 955131   | 33.475 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.80 | 149  | 1339395  | 38.262 | nq    | 99       |
| 74) Fluoranthene               | 12.45 | 202  | 976623   | 34.680 | nq    | 98       |
| 76) Benzidine                  | 12.57 | 184  | 514730   | 35.953 | nq    | 100      |
| 77) Pyrene                     | 12.68 | 202  | 982983   | 37.508 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.30 | 149  | 465569   | 38.710 | nq    | 99       |
| 80) Benzo(a)anthracene         | 13.87 | 228  | 721835   | 38.159 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.83 | 252  | 262737   | 37.512 | nq    | 96       |
| 82) Chrysene                   | 13.90 | 228  | 746810   | 37.862 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.86 | 149  | 614147   | 44.513 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 14.47 | 149  | 1000682  | 43.707 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.68 | 276  | 689162   | 48.004 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 14.89 | 252  | 752048   | 39.903 | nq    | 100      |
| 88) Benzo(k)fluoranthene       | 14.92 | 252  | 649149   | 35.705 | nq    | 100      |
| 89) Benzo(a)pyrene             | 15.23 | 252  | 664459   | 39.179 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.70 | 278  | 556504   | 41.119 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.10 | 276  | 561220   | 41.165 | nq    | 98       |

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





#1

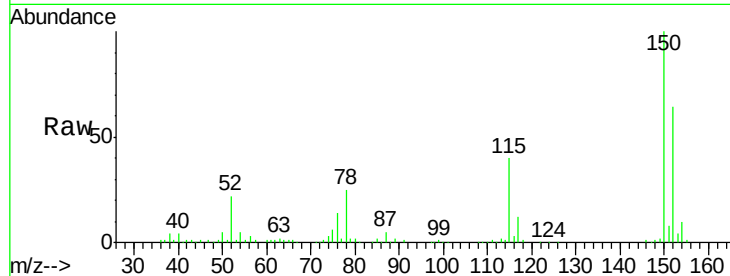
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 788  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

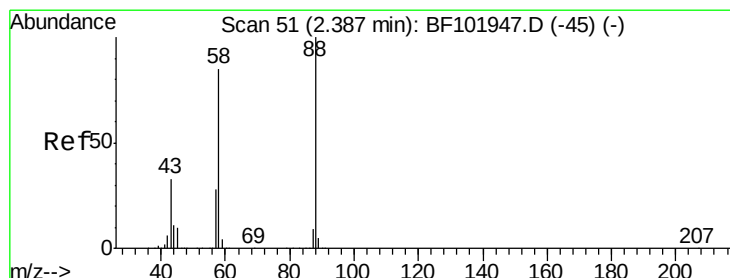
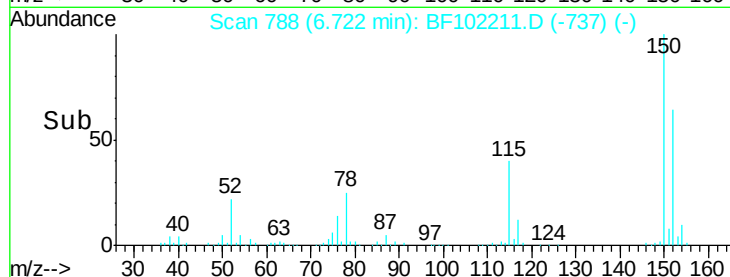
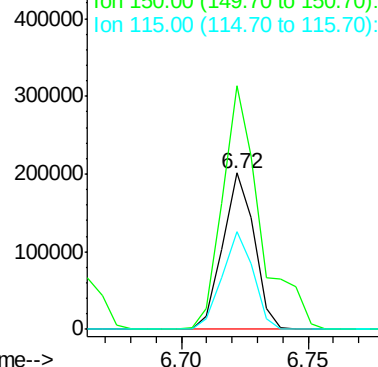
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.6 | 124.6 | 186.8 |
| 115     | 62.5  | 50.1  | 75.1  |

Manual Integrations  
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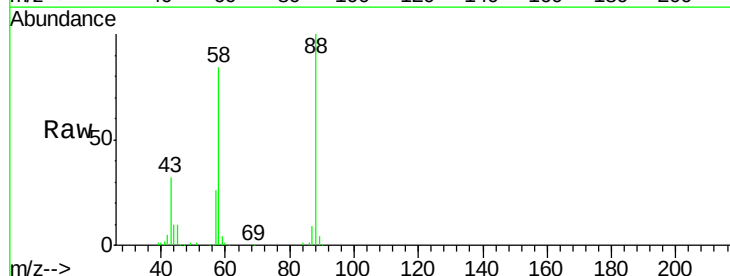
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



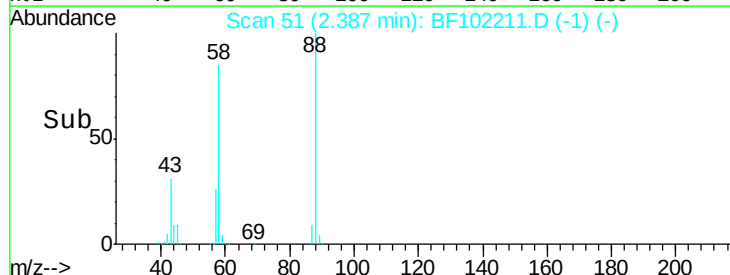
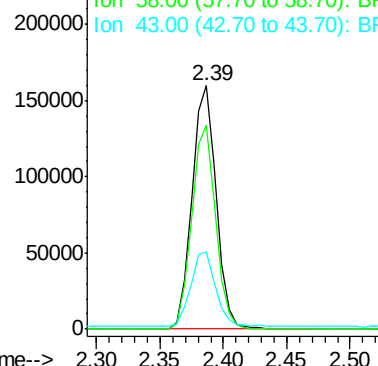
#2

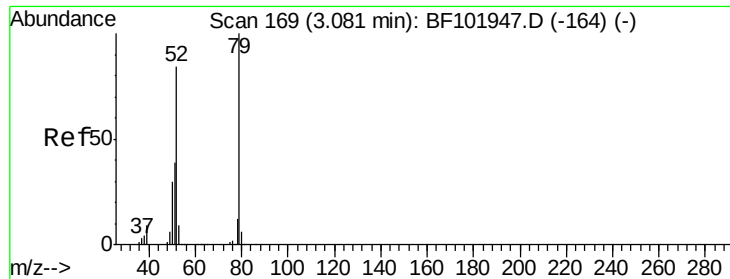
1,4-Dioxane  
Concen: 34.450 ng  
RT: 2.39 min Scan# 51  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 82.7  | 62.6  | 93.8  |
| 43      | 32.2  | 24.6  | 37.0  |



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.487 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Instrument :

BNA\_F

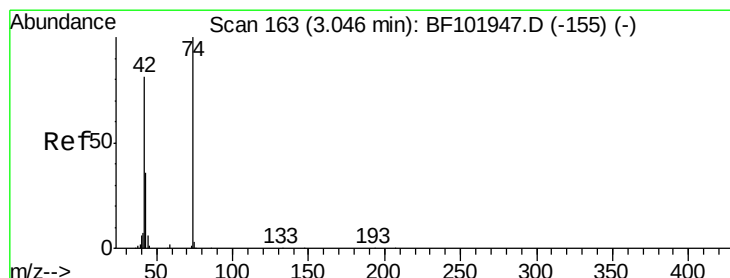
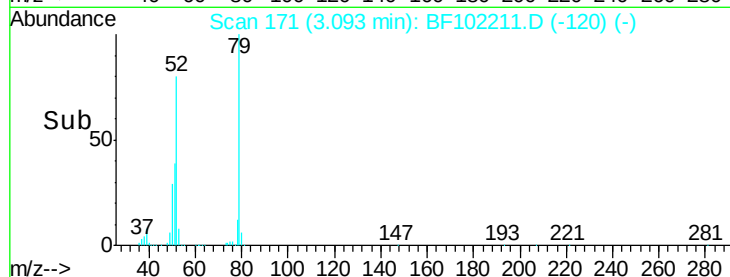
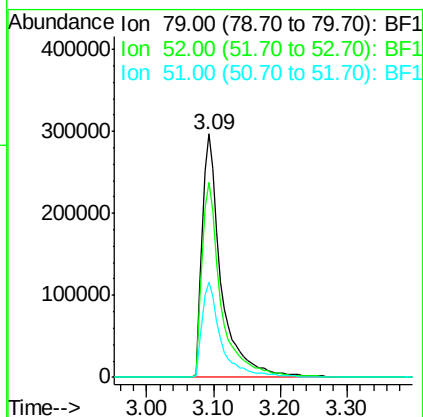
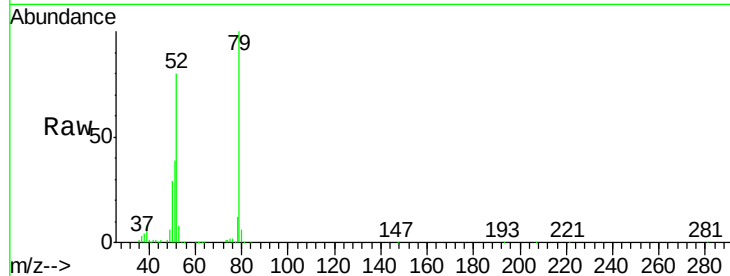
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 581150 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 80.3  | 59.8  | 89.6   |
| 51        | 39.1  | 29.8  | 44.8   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 33.892 ng

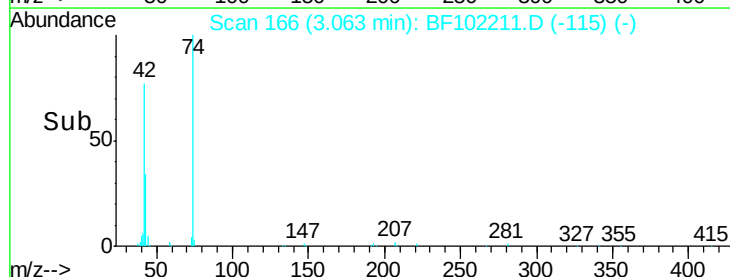
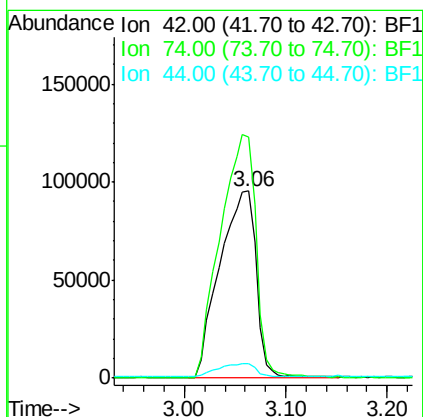
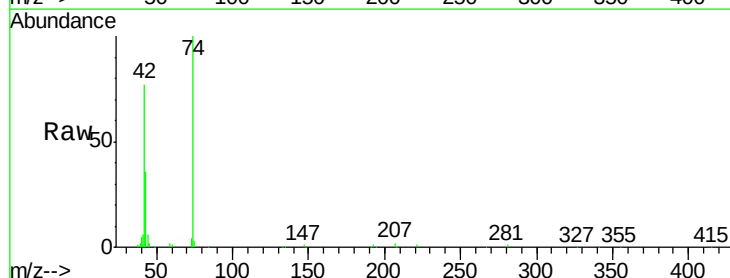
RT: 3.06 min Scan# 166

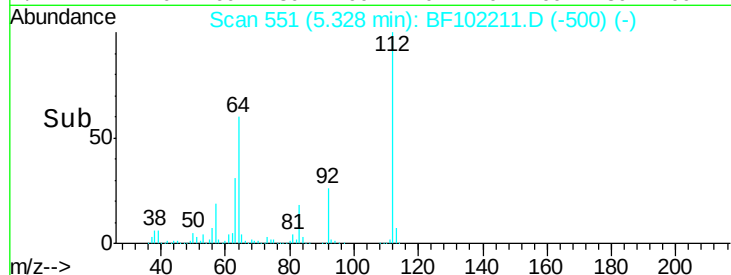
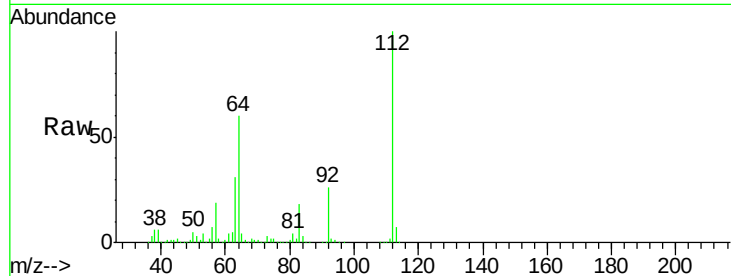
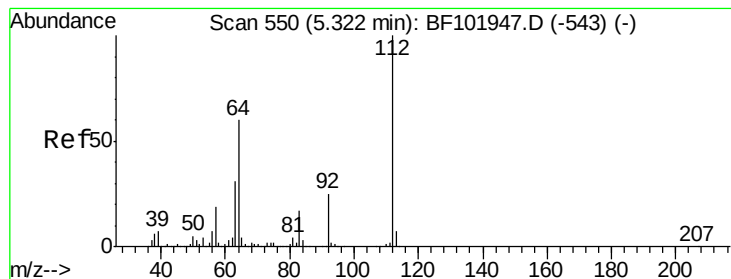
Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 239166 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 129.1 | 104.9 | 157.3  |
| 44        | 7.9   | 6.9   | 10.3   |





#5

2-Fluorophenol

Concen: 72.489 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 896314 |       |       |
| 64      | 60.3  | 47.9   | 71.9  |       |
| 63      | 30.9  | 23.7   | 35.5  |       |

Instrument :

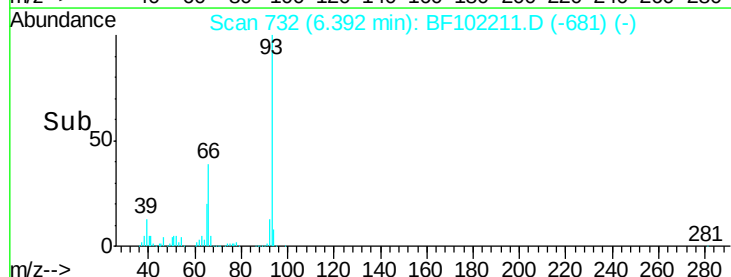
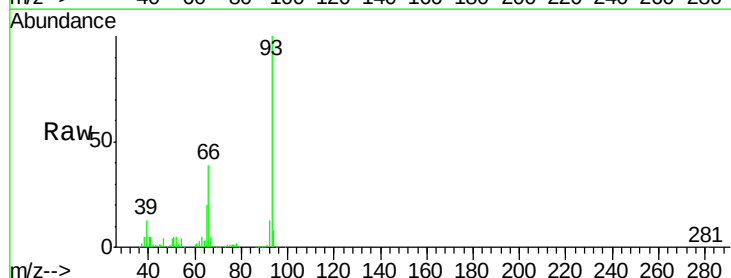
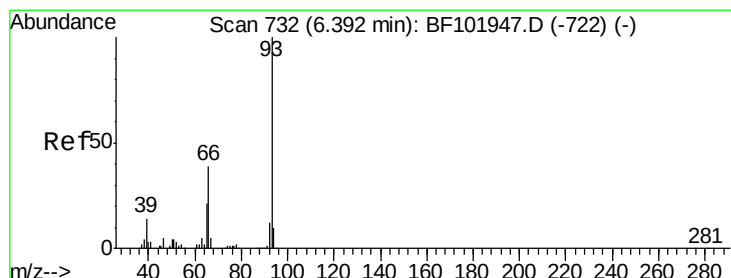
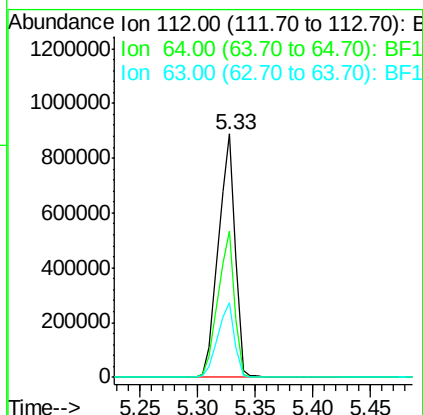
BNA\_F

ClientSampleId :

SSTDCCC040

Manual Integrations  
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#6

Aniline

Concen: 35.221 ng

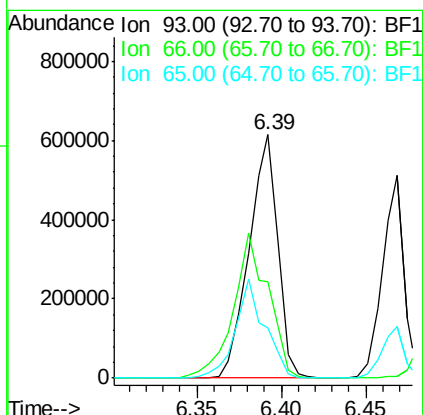
RT: 6.39 min Scan# 732

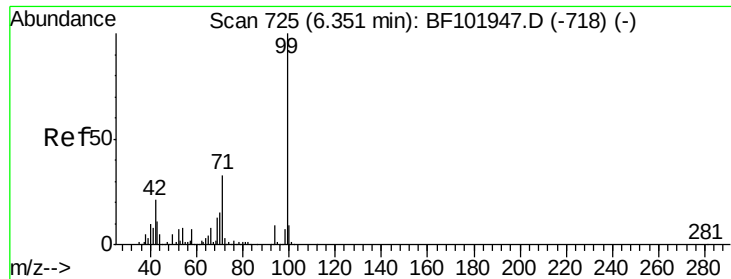
Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 732262 |       |       |
| 66      | 39.3  | 32.2   | 48.2  |       |
| 65      | 20.4  | 16.4   | 24.6  |       |





#7

Phenol-d6

Concen: 72.681 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Instrument :

BNA\_F

ClientSampled :

SSTDCCC040

Tot Ion: 99 Resp: 1072232

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

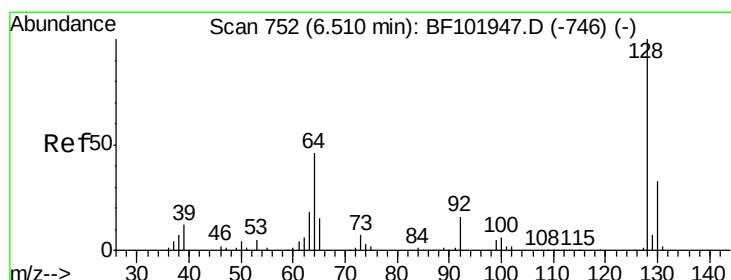
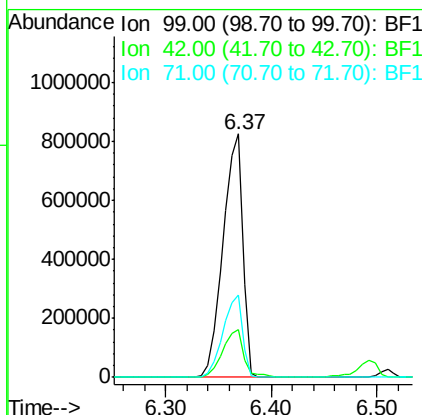
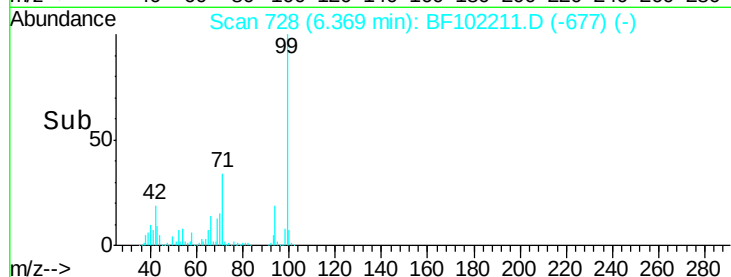
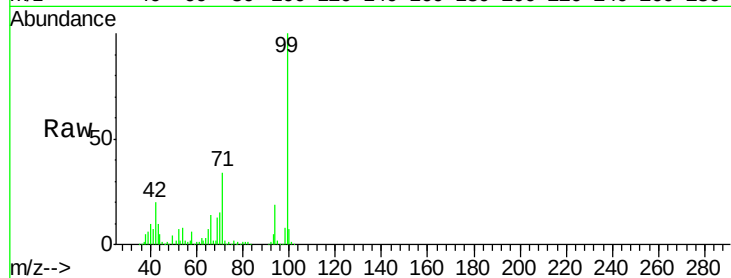
71 33.8 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 37.540 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

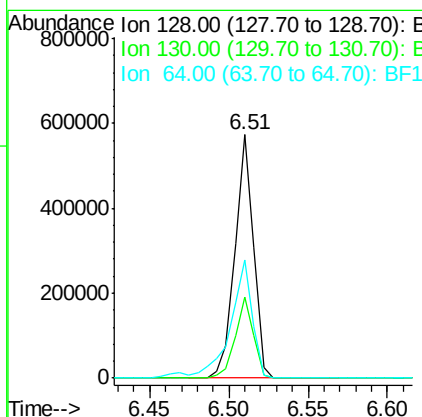
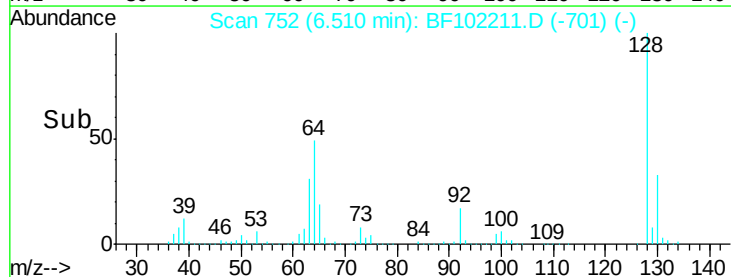
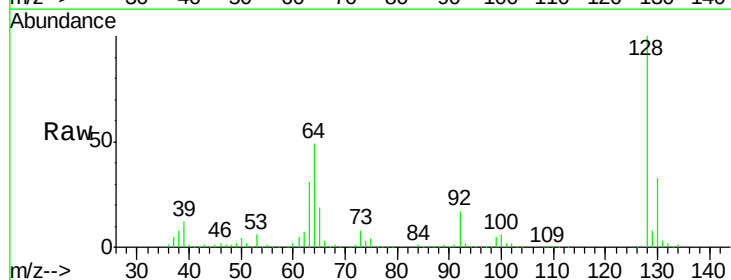
Tgt Ion: 128 Resp: 465543

Ion Ratio Lower Upper

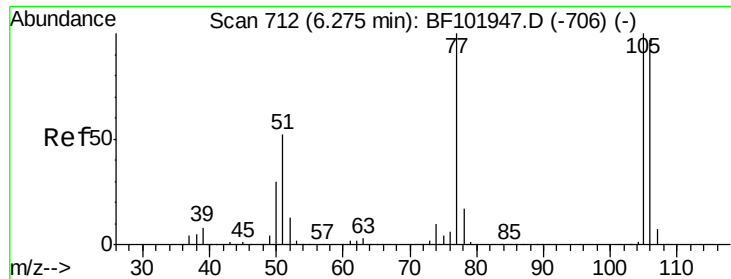
128 100

130 33.2 13.0 53.0

64 48.7 29.4 69.4







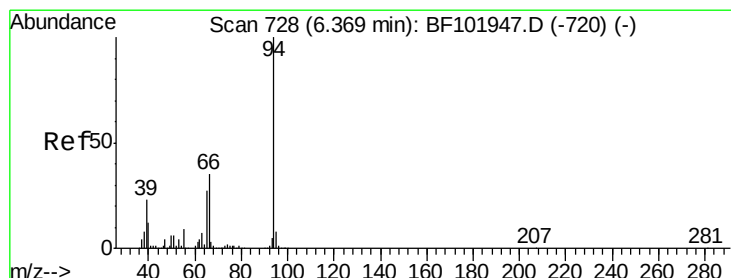
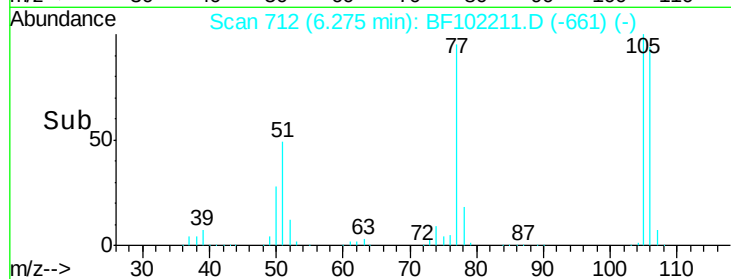
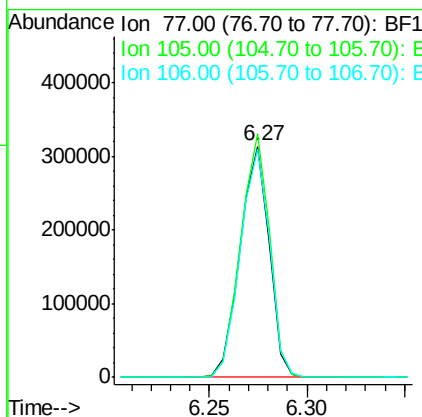
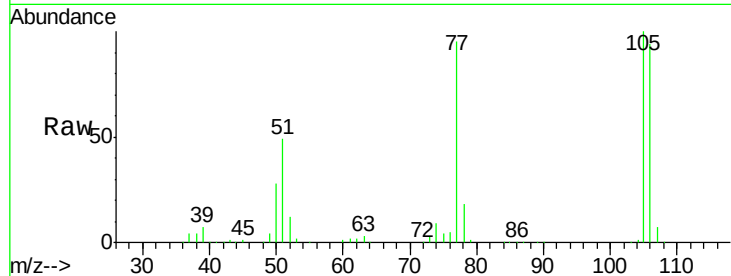
#9  
Benzaldehyde  
Concen: 31.758 ng  
RT: 6.27 min Scan# 712  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 77      | 100   |       |       |       |       |
| 105     | 105.4 | 81.1  | 121.1 |       |       |
| 106     | 98.7  | 74.5  | 114.5 |       |       |

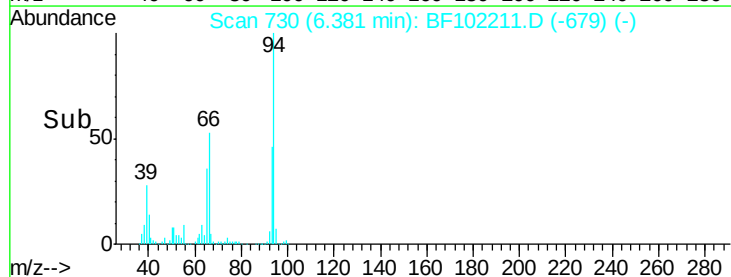
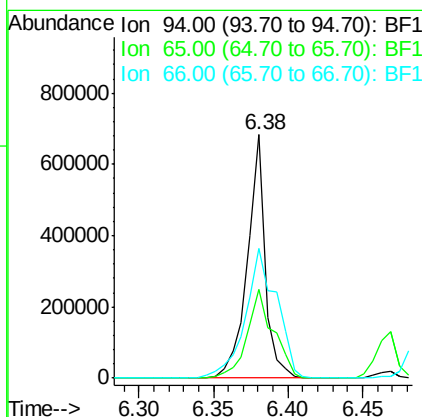
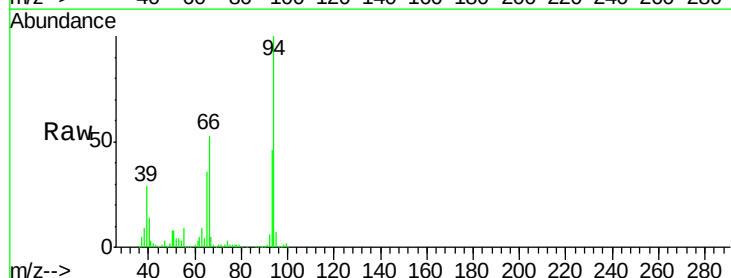
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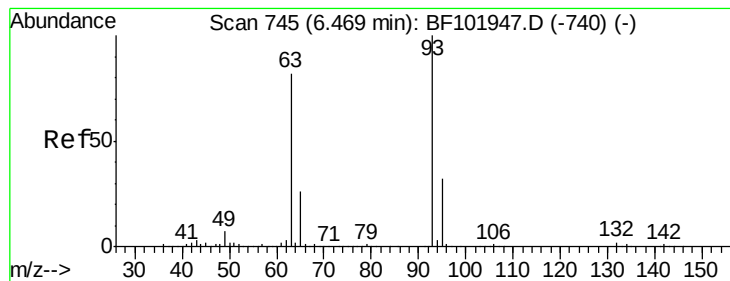


#10  
Phenol  
Concen: 33.991 ng  
RT: 6.38 min Scan# 730  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 94      | 100  |       |      |       |       |
| 65      | 36.5 | 7.9   | 47.9 |       |       |
| 66      | 53.4 | 16.2  | 56.2 |       |       |







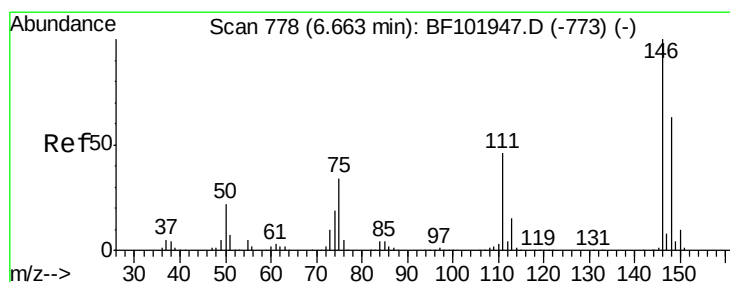
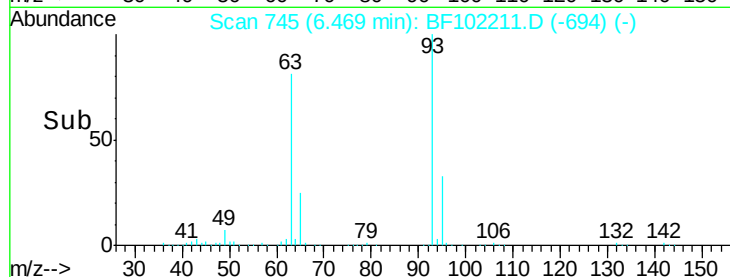
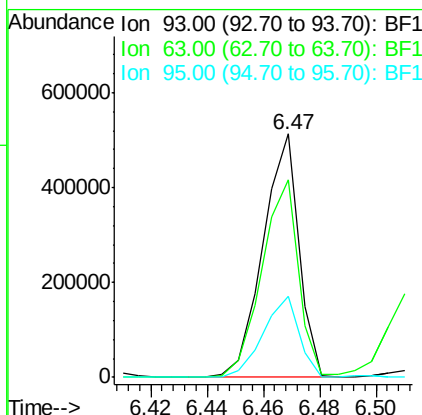
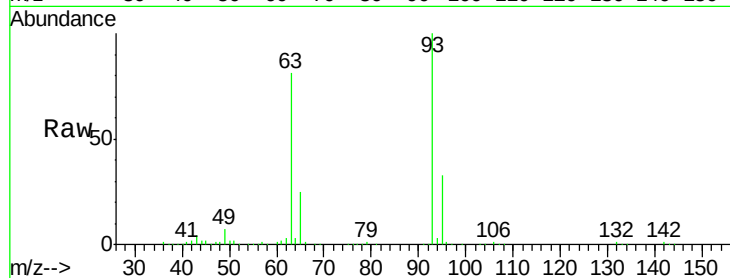
#11  
bis(2-Chloroethyl)ether  
Concen: 35.532 ng  
RT: 6.47 min Scan# 745  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 81.4  | 58.6  | 98.6  |
| 95      | 33.4  | 11.8  | 51.8  |

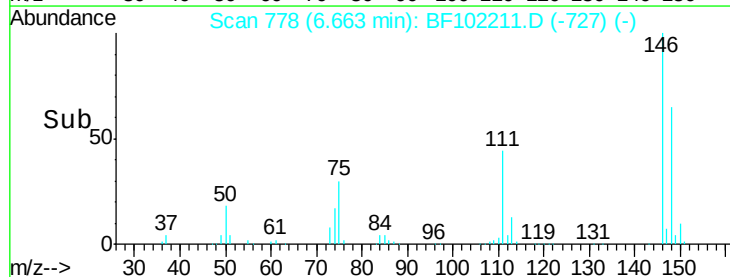
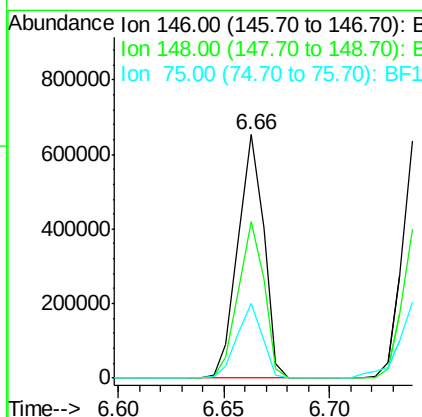
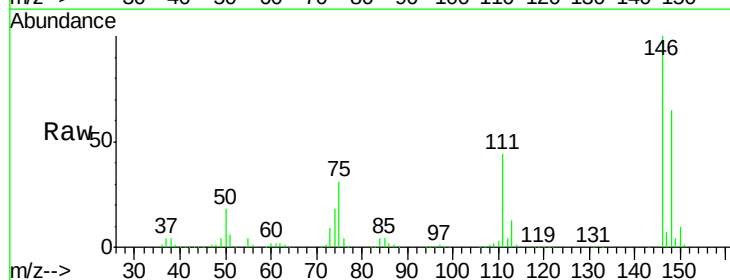
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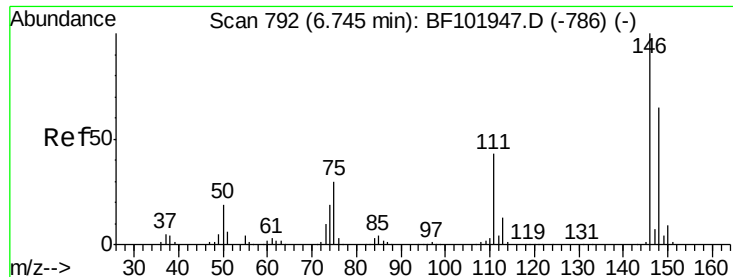
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#12  
1,3-Dichlorobenzene  
Concen: 38.736 ng  
RT: 6.66 min Scan# 778  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 51.8  | 77.8  |
| 75      | 30.5  | 24.2  | 36.4  |





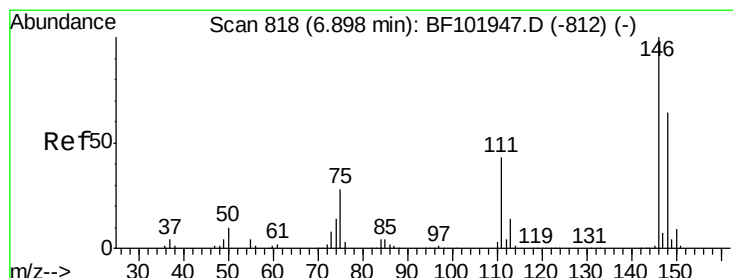
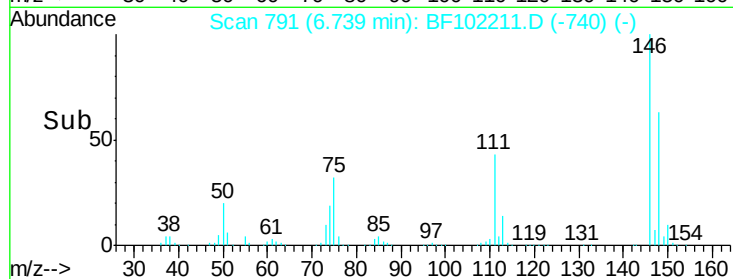
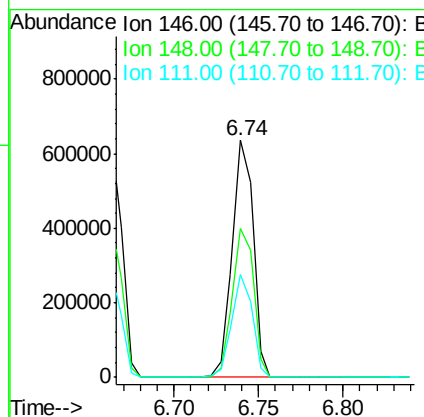
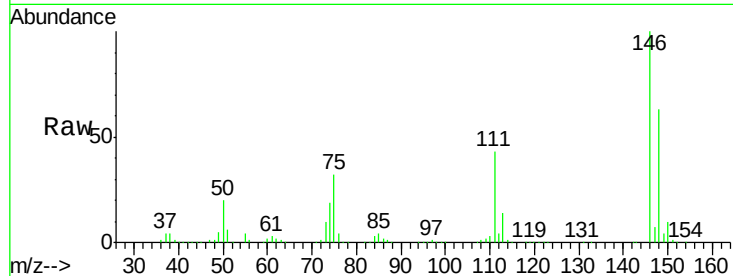
#13  
 1,4-Dichlorobenzene  
 Concen: 38.492 ng  
 RT: 6.74 min Scan# 791  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.8  | 50.8  | 76.2  |
| 111     | 43.3  | 34.2  | 51.2  |

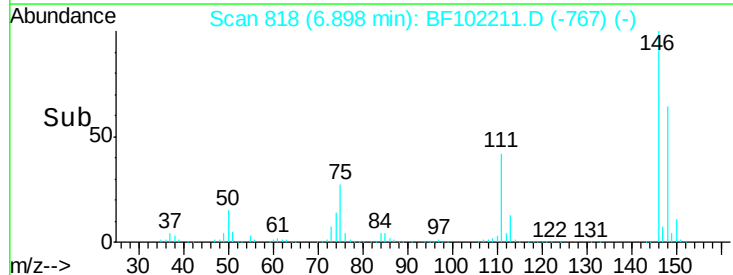
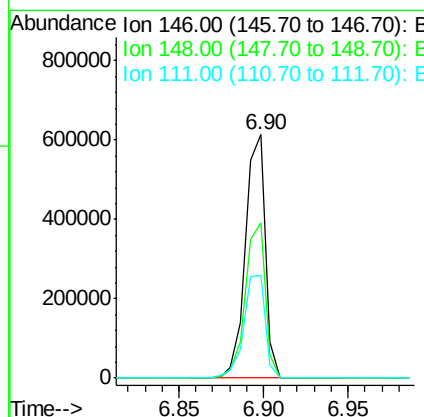
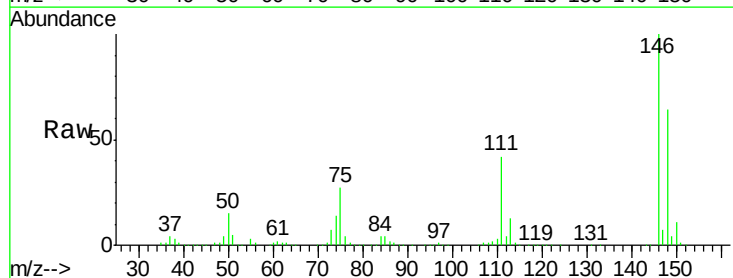
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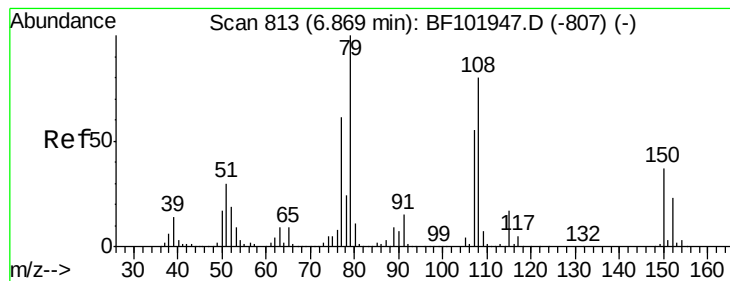
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#14  
 1,2-Dichlorobenzene  
 Concen: 38.256 ng  
 RT: 6.90 min Scan# 818  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 50.6  | 75.8  |
| 111     | 42.1  | 36.0  | 54.0  |





#15

Benzyl Alcohol

Concen: 35.647 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Instrument :

BNA\_F

ClientSampled :

SSTDCCC040

Tot Ion: 79 Resp: 384678

Ion Ratio Lower Upper

79 100

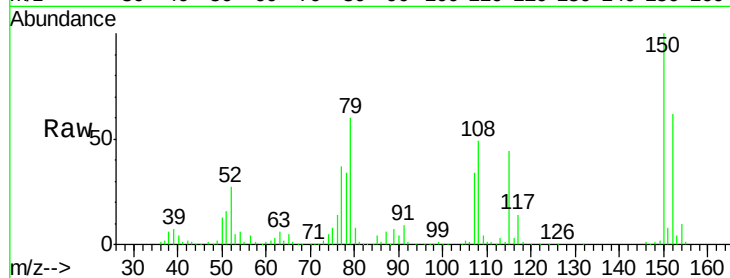
108 81.2 65.1 97.7

77 61.5 50.6 75.8

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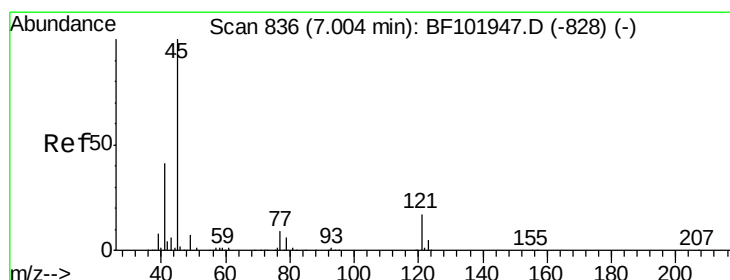
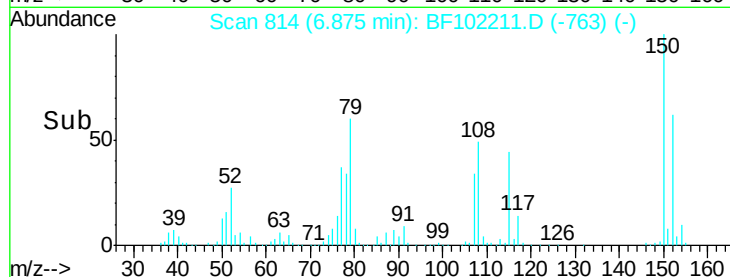
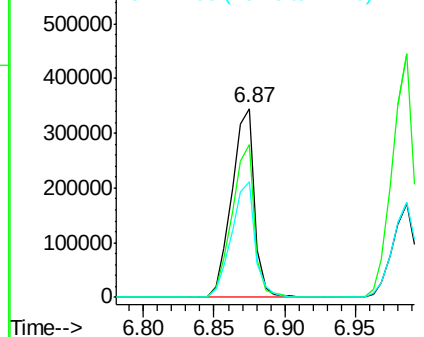
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.925 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

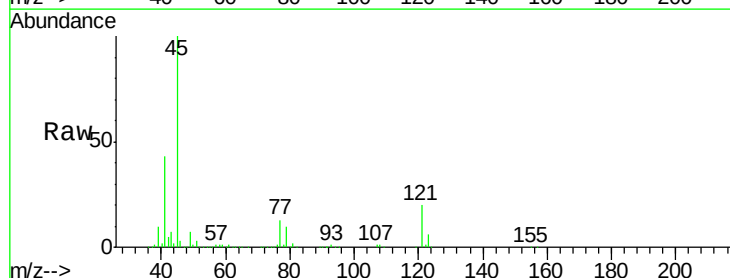
Tgt Ion: 45 Resp: 746798

Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.9

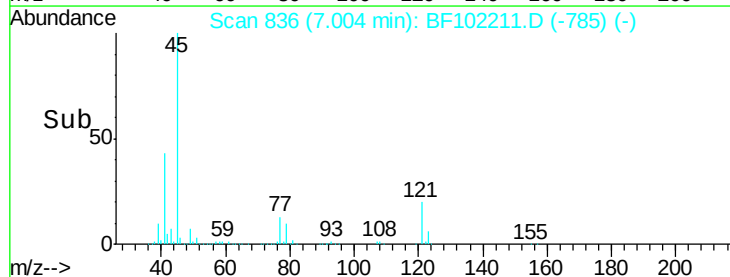
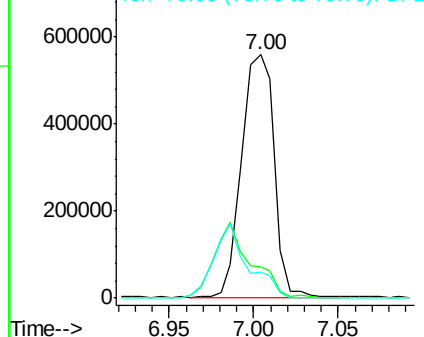
79 10.4 0.0 29.6

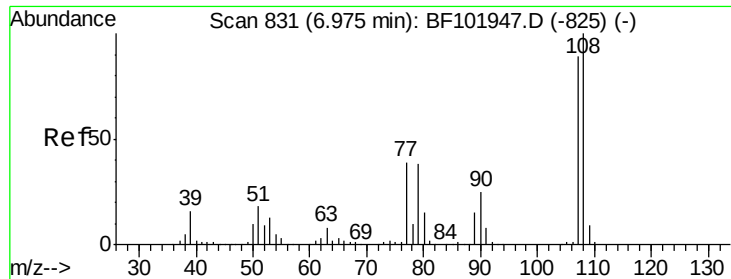


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





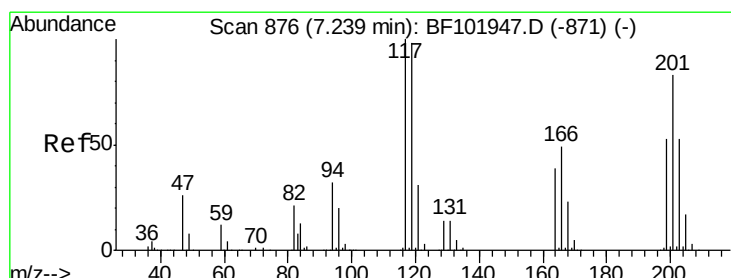
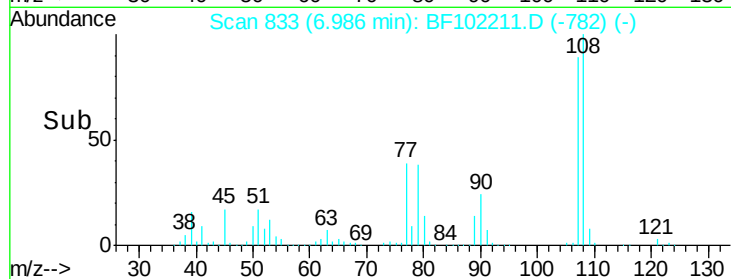
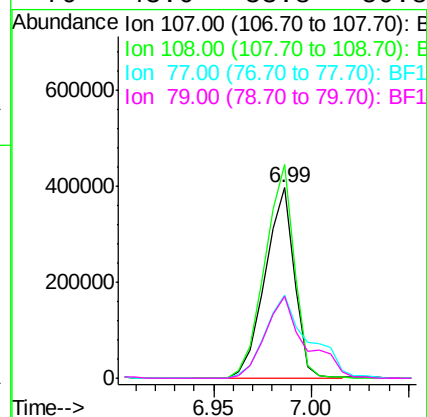
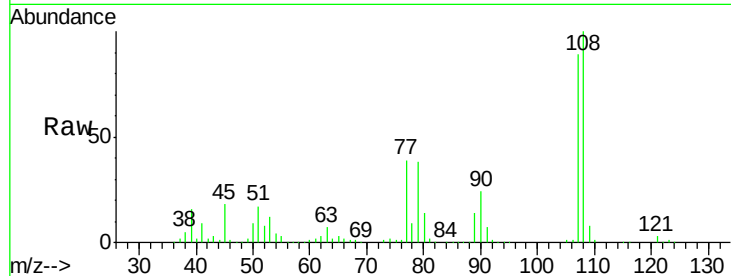
#17  
2-Methylphenol  
Concen: 37.058 ng  
RT: 6.99 min Scan# 833  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 107     | 107 | 100   |      |       |       |
| 108     | 108 | 112.1 | 91.7 | 137.5 |       |
| 77      | 77  | 43.7  | 33.8 | 50.8  |       |
| 79      | 79  | 43.0  | 33.8 | 50.8  |       |

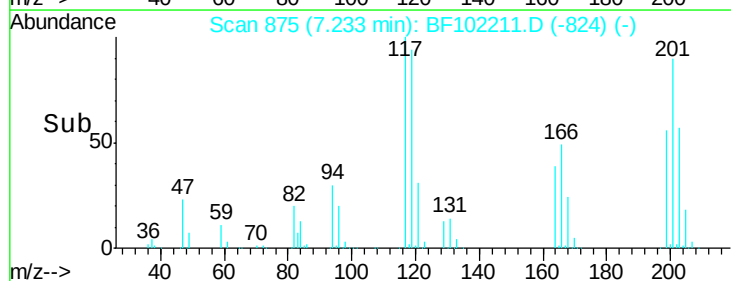
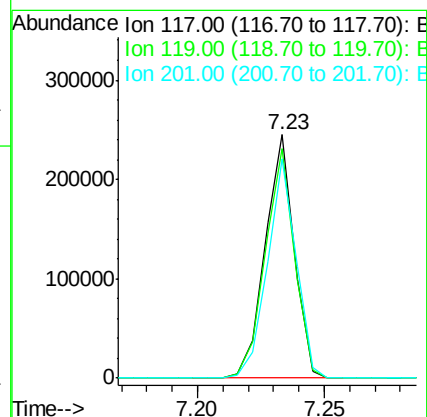
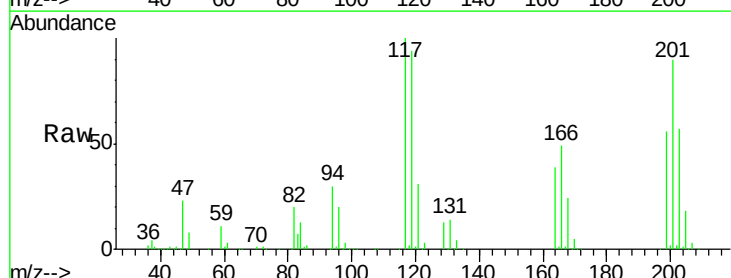
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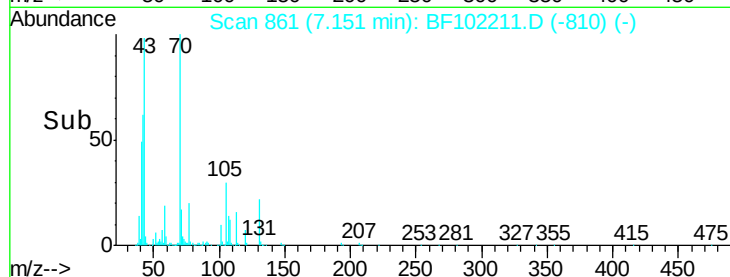
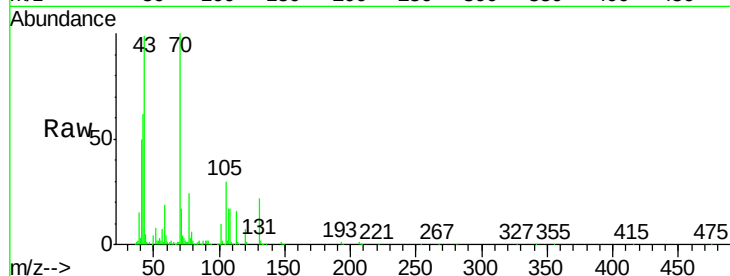
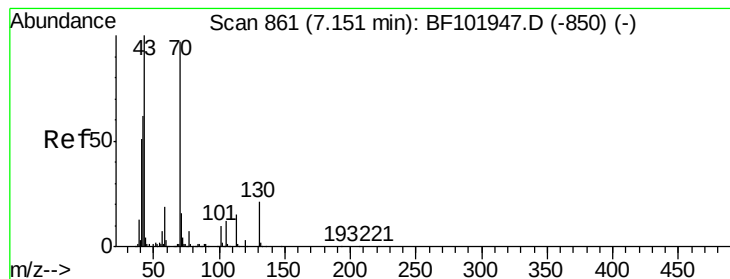
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#18  
Hexachloroethane  
Concen: 38.776 ng  
RT: 7.23 min Scan# 875  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 117     | 117 | 100   |      |       |       |
| 119     | 119 | 94.3  | 75.8 | 113.8 |       |
| 201     | 201 | 90.2  | 75.7 | 113.5 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 34.635 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Instrument :

BNA\_F

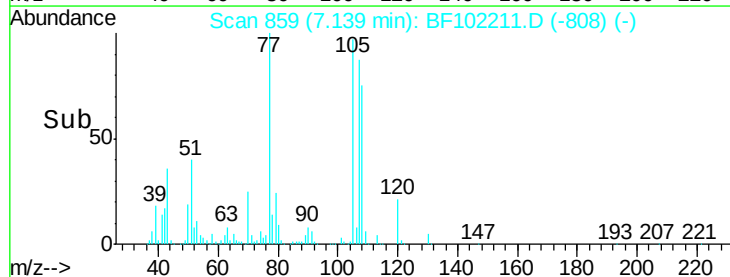
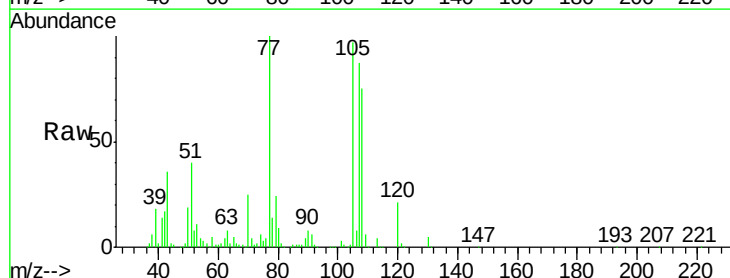
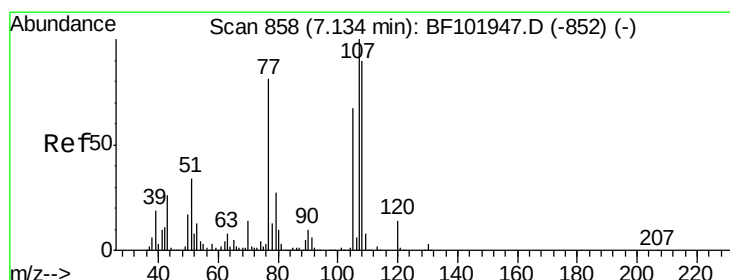
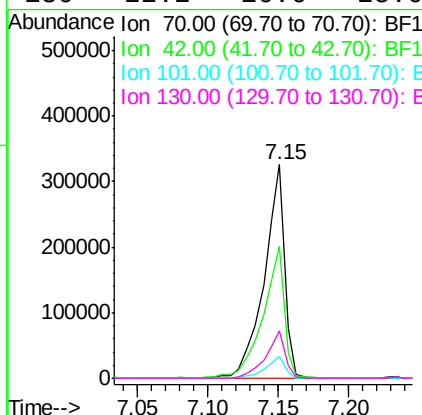
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 61.8 | 47.5  | 71.3  |       |
| 101     | 10.2 | 7.4   | 11.2  |       |
| 130     | 22.2 | 16.6  | 25.0  |       |

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#20

3+4-Methylphenols

Concen: 35.300 ng

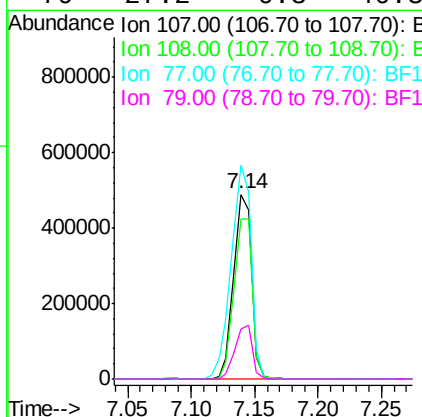
RT: 7.14 min Scan# 859

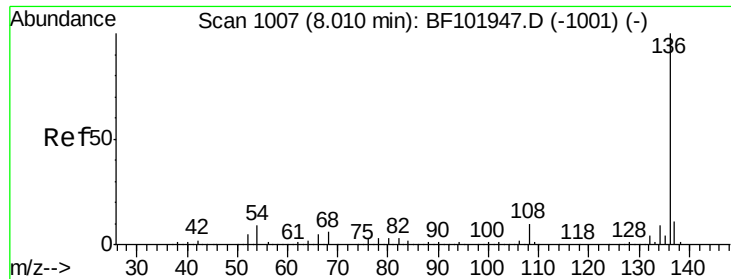
Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |
| 108     | 86.8  | 68.2  | 108.2 |       |
| 77      | 115.5 | 26.7  | 66.7# |       |
| 79      | 27.2  | 6.3   | 46.3  |       |





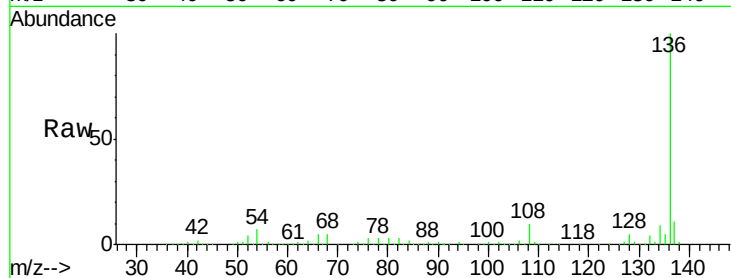
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

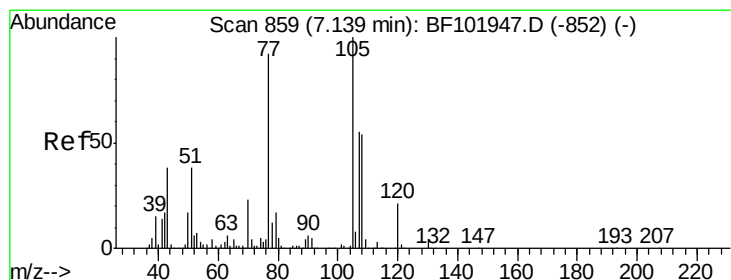
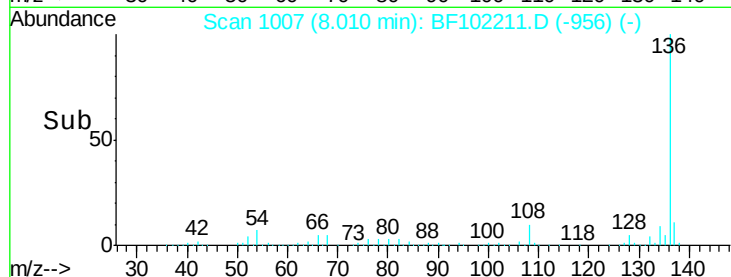
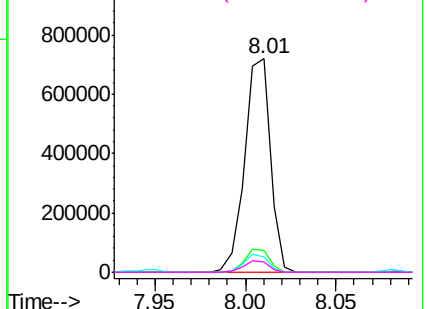
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.5  | 8.9   | 13.3  |
| 54      | 7.1   | 6.6   | 9.8   |
| 68      | 5.0   | 5.0   | 7.4   |

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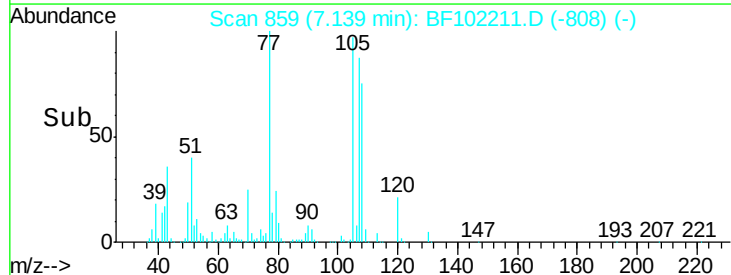
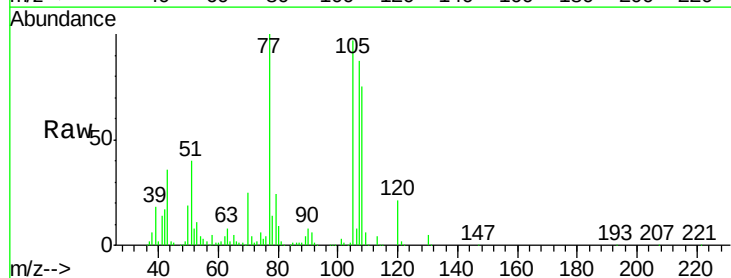
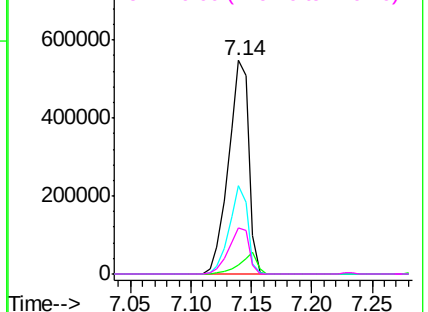
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

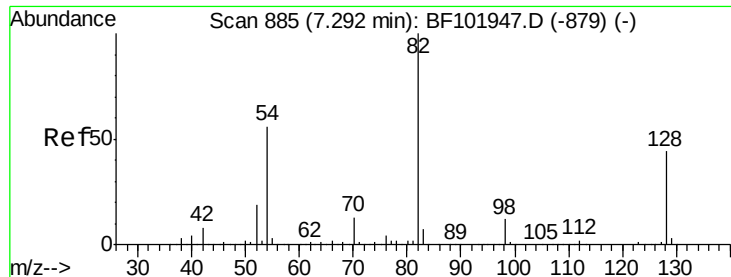


#22  
Acetophenone  
Concen: 37.429 ng  
RT: 7.14 min Scan# 859  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 4.4   | 4.4   | 6.6#  |
| 51      | 41.1  | 22.3  | 33.5# |
| 120     | 21.7  | 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





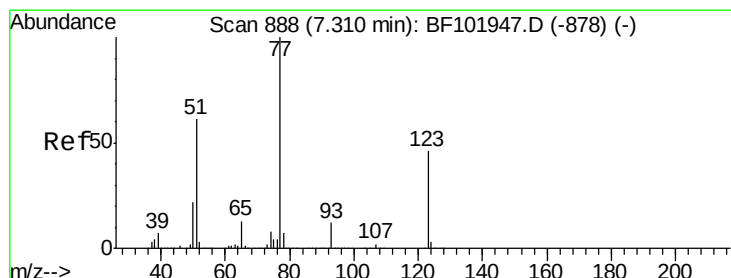
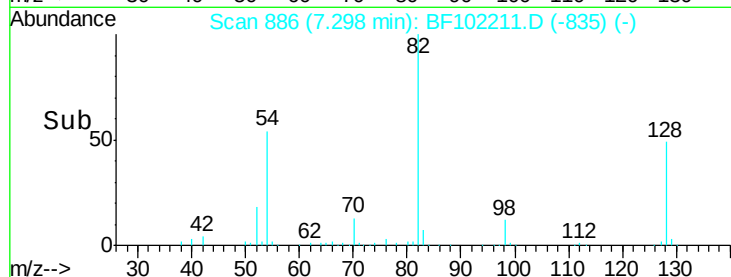
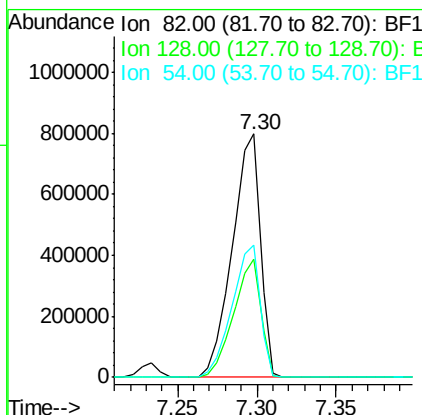
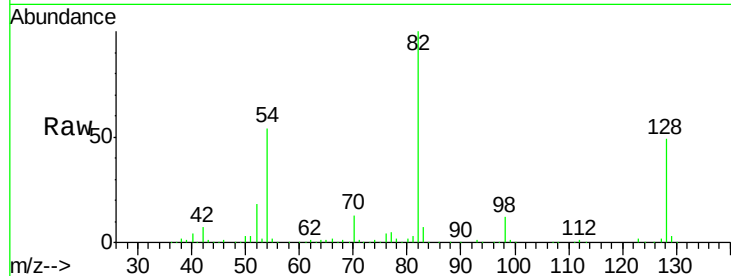
#23  
Nitrobenzene-d5  
Concen: 81.073 ng  
RT: 7.30 min Scan# 886  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 976660 |       |       |
| 128     | 48.7  | 36.1   | 54.1  |       |
| 54      | 54.3  | 41.4   | 62.2  |       |

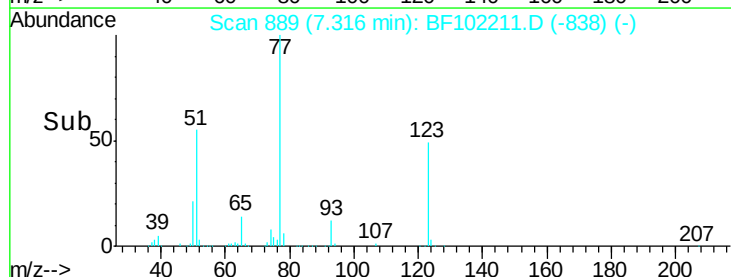
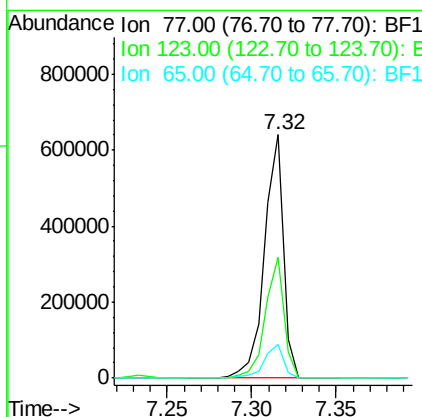
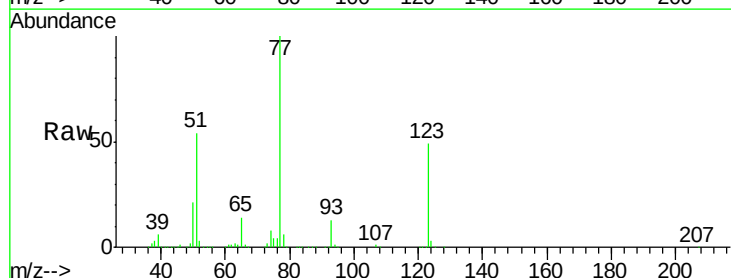
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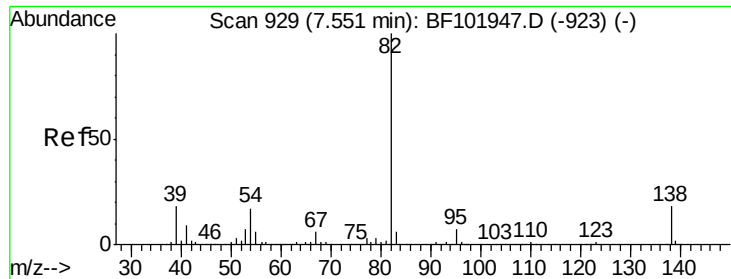


#24  
Nitrobenzene  
Concen: 38.770 ng  
RT: 7.32 min Scan# 889  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 501871 |       |       |
| 123     | 49.5  | 37.9   | 56.9  |       |
| 65      | 13.9  | 11.0   | 16.4  |       |







#25

Isophorone

Concen: 37.048 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Instrument :

BNA\_F

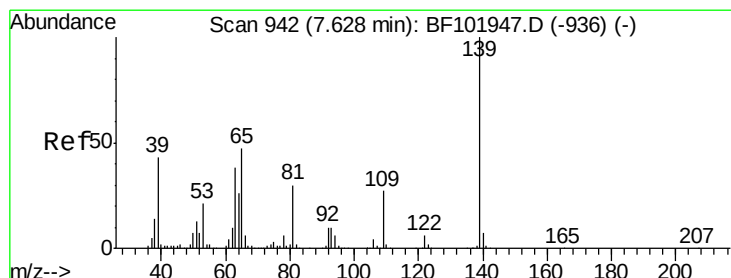
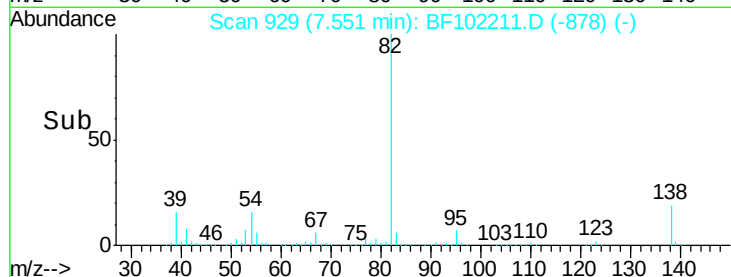
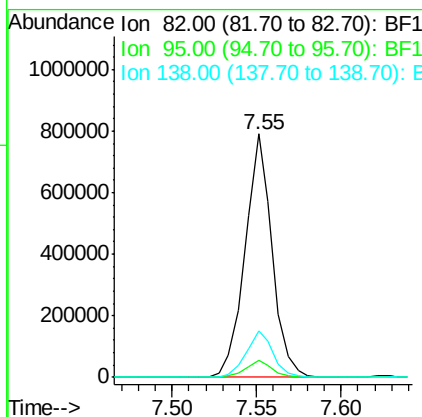
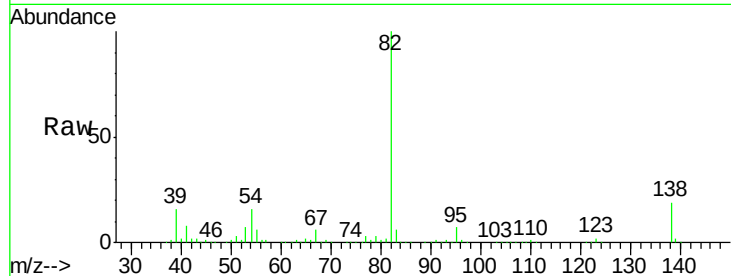
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 881848 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.0  | 5.2   | 7.8    |
| 138       | 19.1 | 14.9  | 22.3   |

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#26

2-Nitrophenol

Concen: 48.641 ng

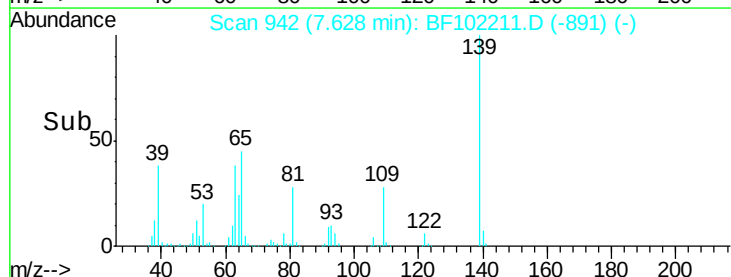
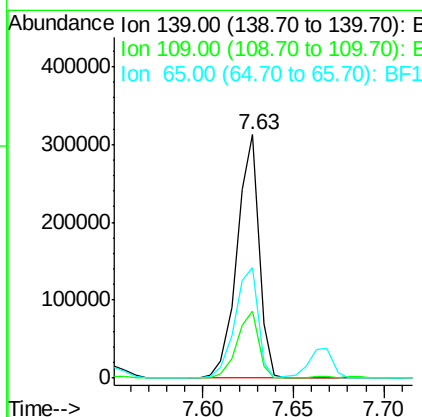
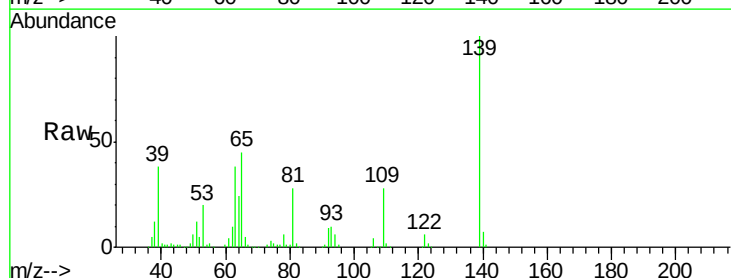
RT: 7.63 min Scan# 942

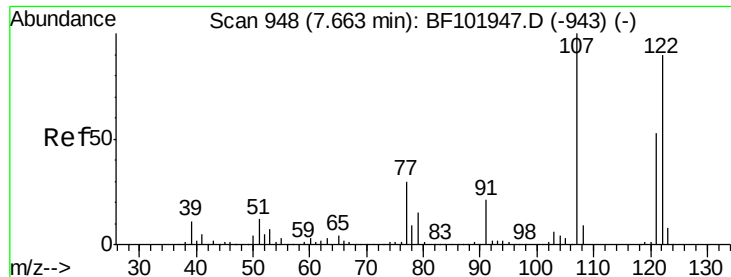
Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 263538 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 27.7 | 22.7  | 34.1   |
| 65        | 45.2 | 40.5  | 60.7   |





#27

2,4-Dimethylphenol

Concen: 37.228 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Instrument :

BNA\_F

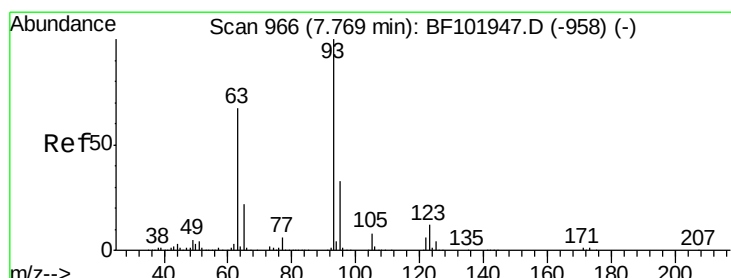
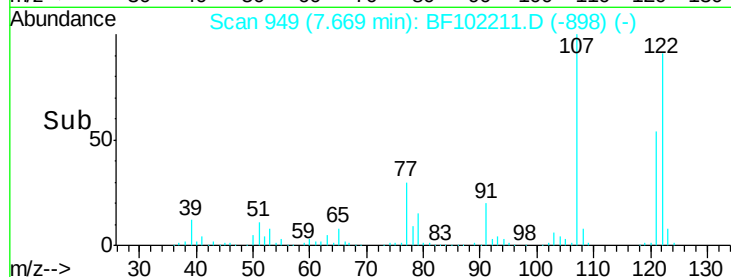
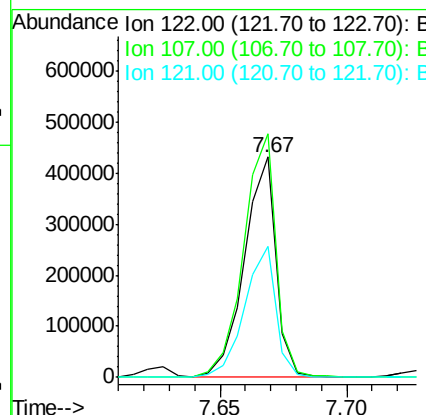
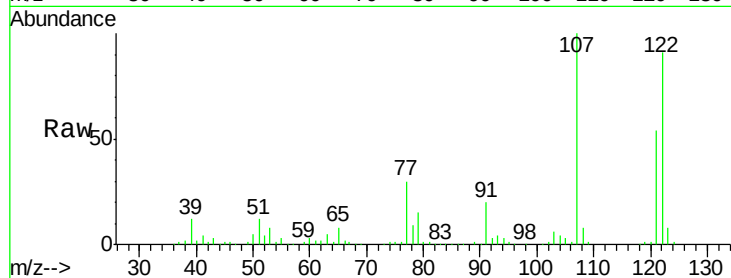
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.5 | 91.2  | 136.8 |
| 121     | 59.4  | 47.2  | 70.8  |

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#28

bis(2-Chloroethoxy)methane

Concen: 36.744 ng

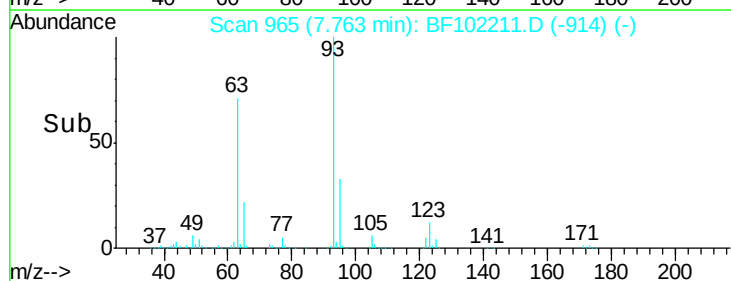
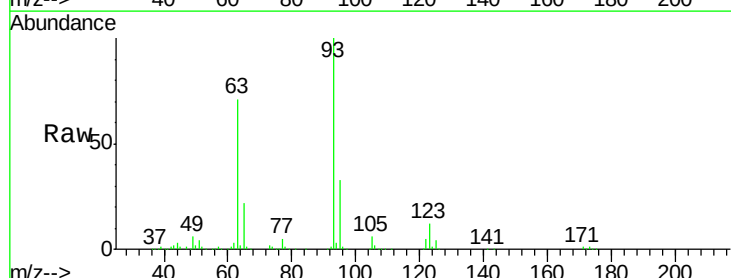
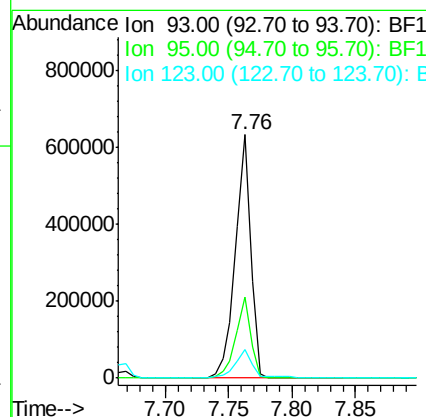
RT: 7.76 min Scan# 965

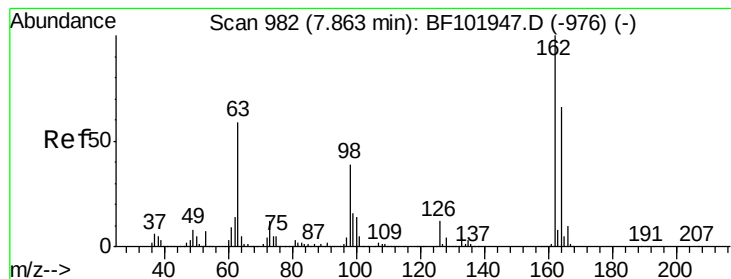
Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.3  | 26.3  | 39.5  |
| 123     | 11.7  | 9.8   | 14.6  |





#29

2,4-Dichlorophenol

Concen: 39.743 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Instrument :

BNA\_F

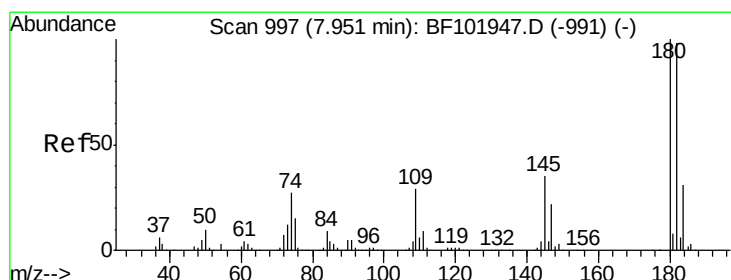
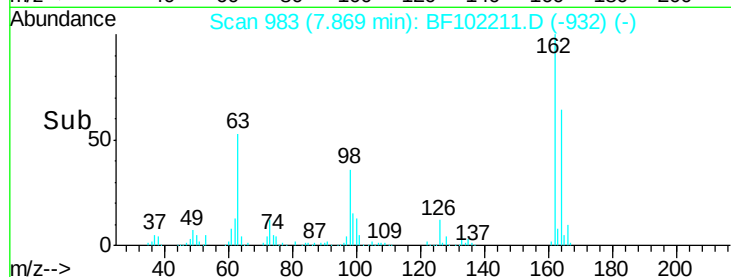
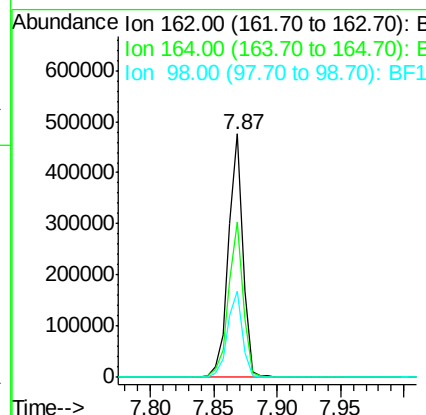
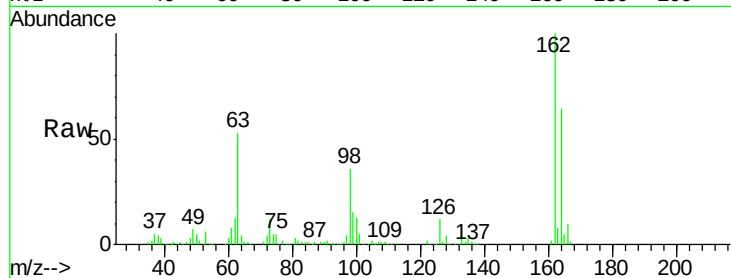
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 381852 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.0  | 42.7  | 82.7   |
| 98        | 35.5  | 18.1  | 58.1   |

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#30

1,2,4-Trichlorobenzene

Concen: 40.931 ng

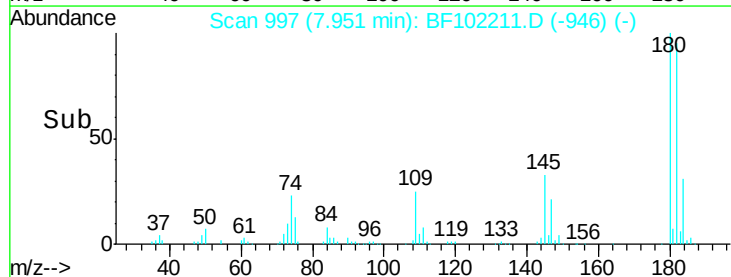
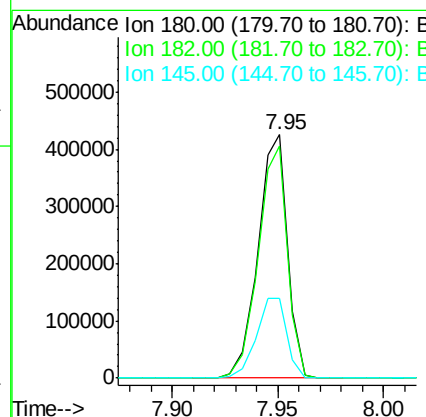
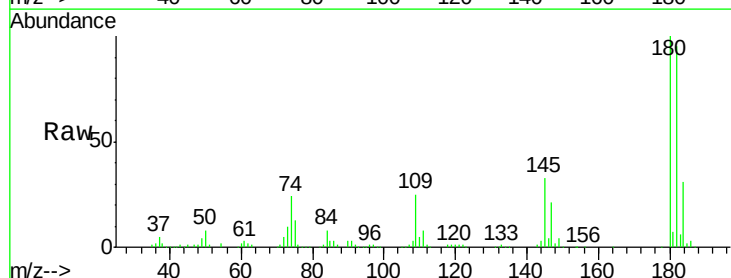
RT: 7.95 min Scan# 997

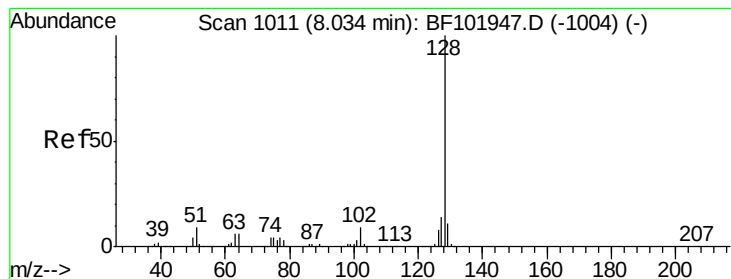
Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 411354 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.2  | 76.8  | 115.2  |
| 145       | 32.5  | 26.5  | 39.7   |





#31

Naphthalene

Concen: 38.577 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Instrument :

BNA\_F

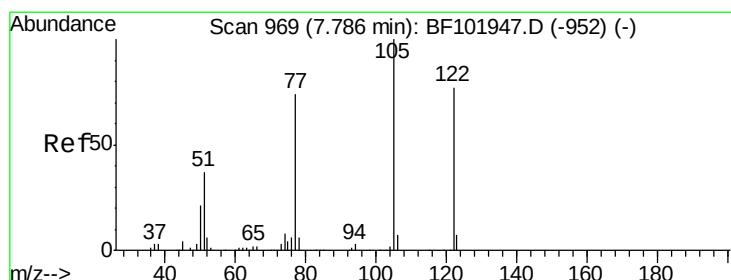
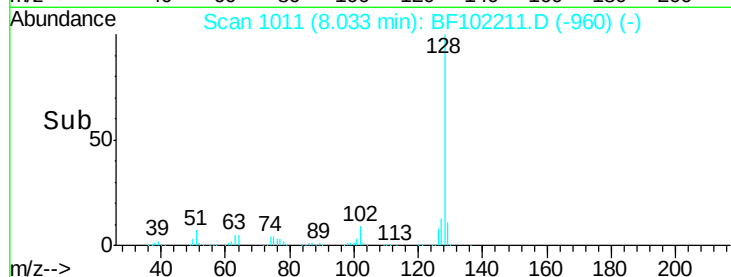
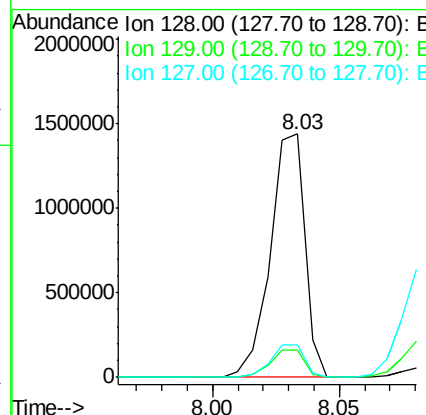
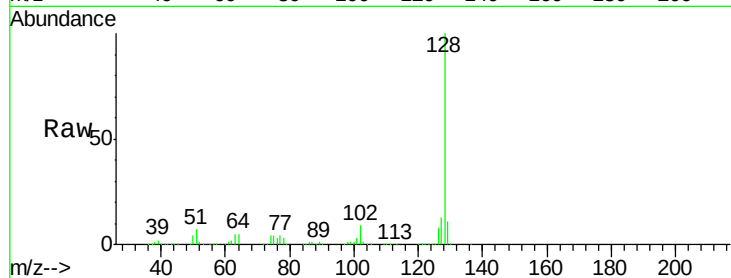
ClientSampleId :

SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 128   | Resp: | 1364592 |
| Ion      | Ratio | Lower | Upper   |
| 128      | 100   |       |         |
| 129      | 11.0  | 8.8   | 13.2    |
| 127      | 13.2  | 10.9  | 16.3    |

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#32

Benzoic acid

Concen: 30.255 ng m

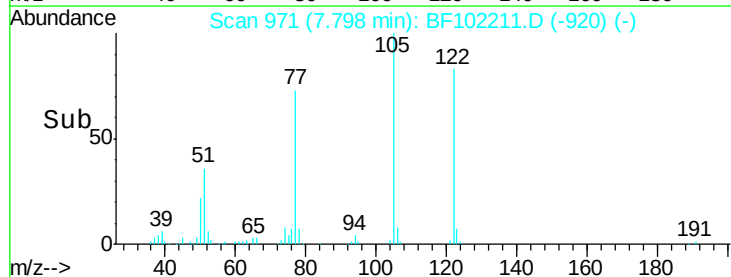
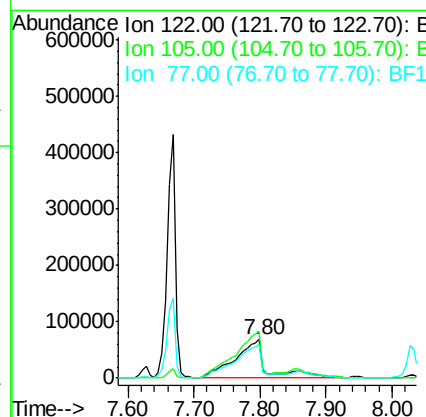
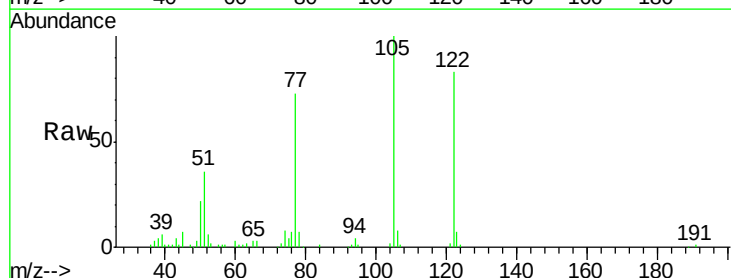
RT: 7.80 min Scan# 971

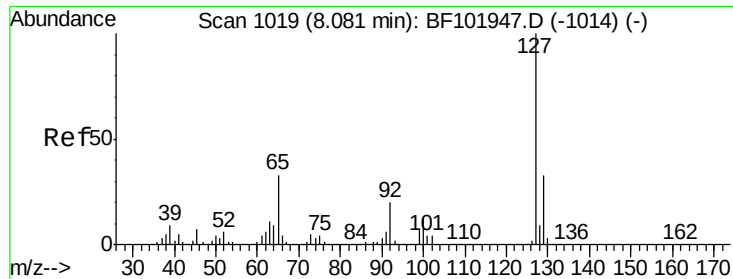
Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 232144 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 119.8 | 101.1 | 141.1  |
| 77       | 87.7  | 70.7  | 110.7  |





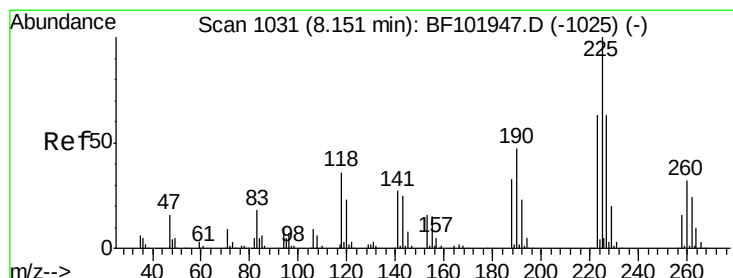
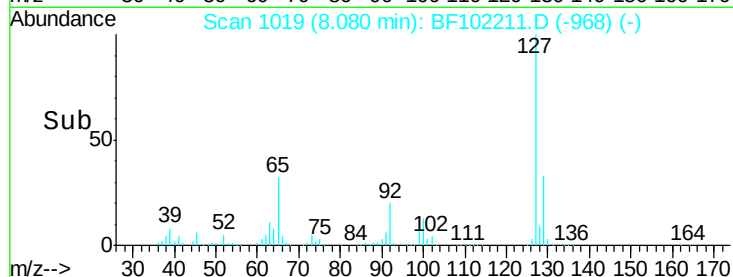
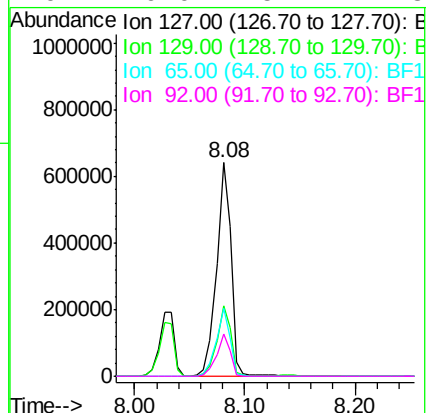
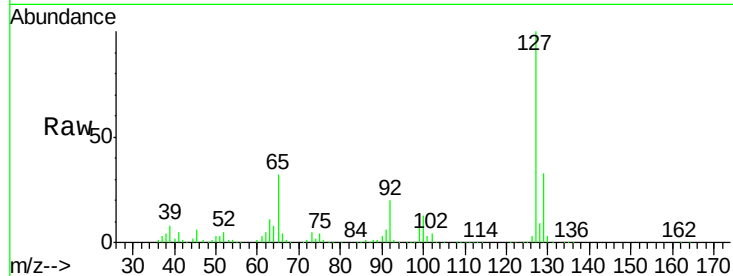
#33  
4-Chloroaniline  
Concen: 38.094 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.0 |       | 25.9 | 38.9  |       |
| 65      | 32.0 |       | 25.0 | 37.4  |       |
| 92      | 20.0 |       | 15.2 | 22.8  |       |

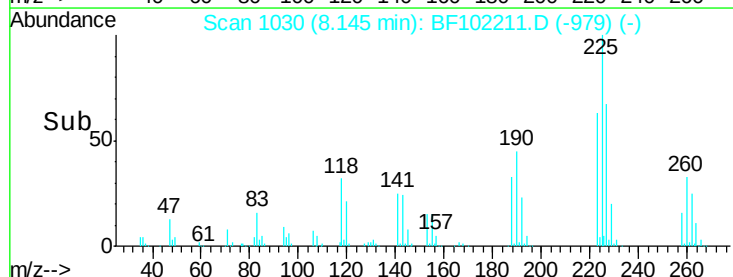
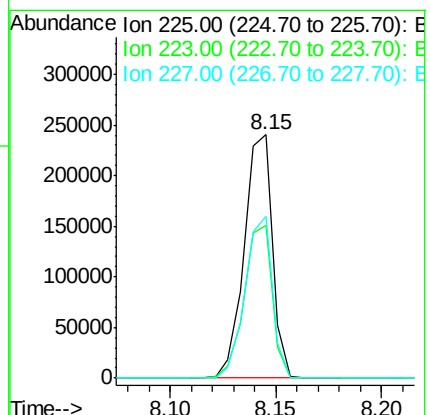
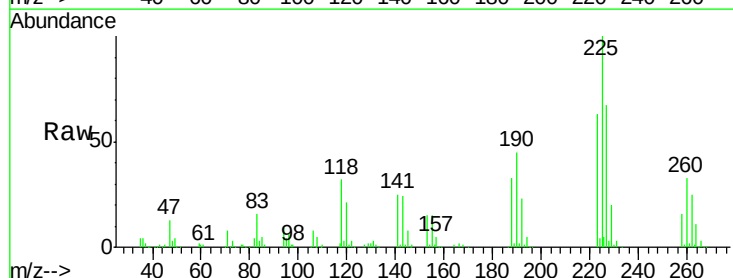
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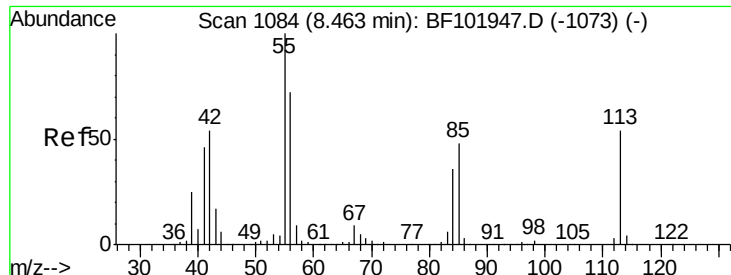
Sohil  
1/22/2018 5:23:42 PM



#34  
Hexachlorobutadiene  
Concen: 41.719 ng  
RT: 8.15 min Scan# 1030  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 62.7 |       | 50.6 | 76.0  |       |
| 227     | 66.5 |       | 51.9 | 77.9  |       |





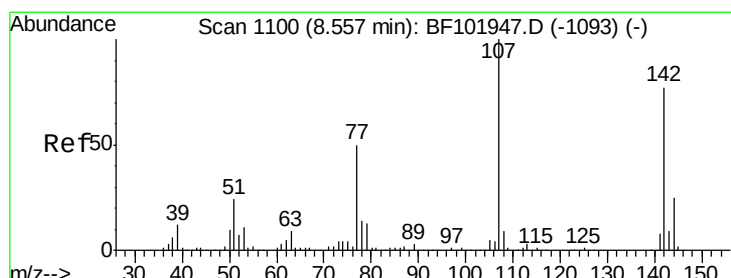
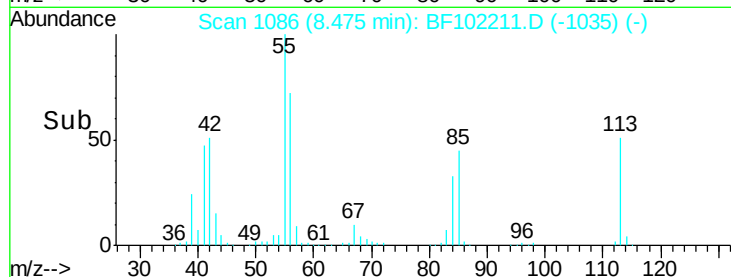
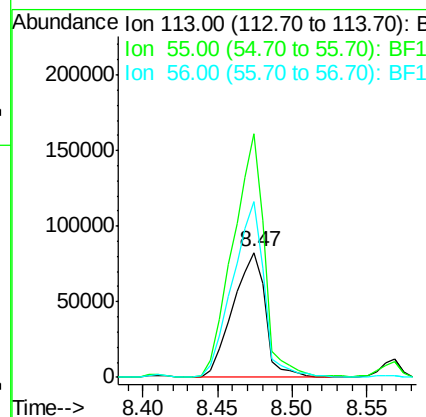
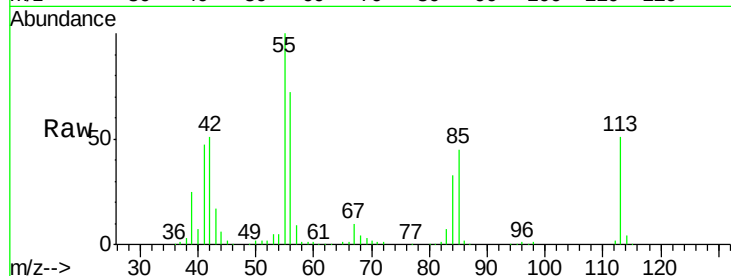
#35  
Caprolactam  
Concen: 38.268 ng  
RT: 8.47 min Scan# 1086  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 194.8 | 163.3 | 203.3 |
| 56      | 140.6 | 115.7 | 155.7 |

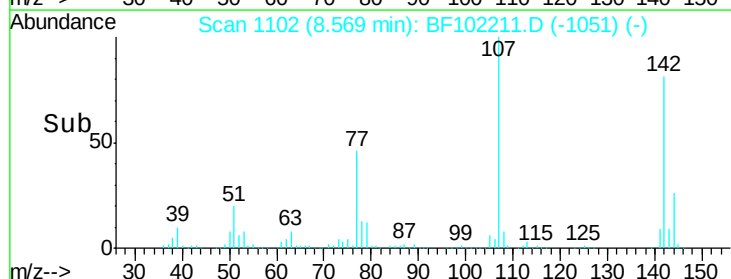
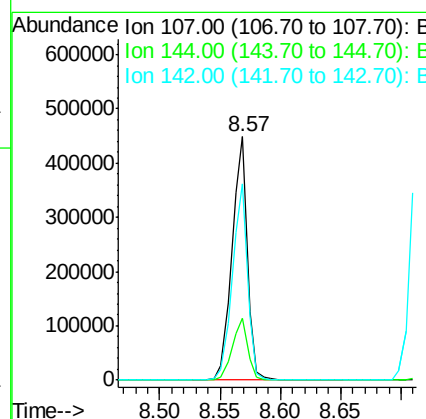
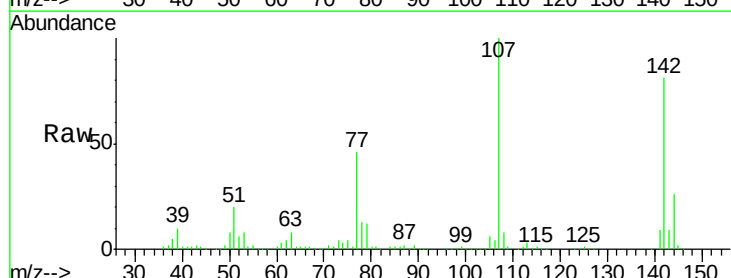
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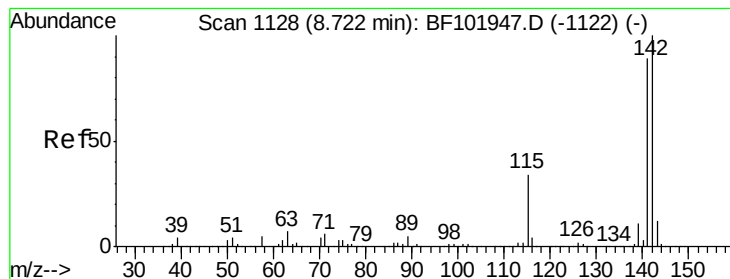
Sohil  
1/22/2018 5:23:42 PM



#36  
4-Chloro-3-methylphenol  
Concen: 37.589 ng  
RT: 8.57 min Scan# 1102  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.6  | 20.5  | 30.7  |
| 142     | 80.7  | 62.0  | 93.0  |





#37

2-Methylnaphthalene

Concen: 38.520 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Instrument :

BNA\_F

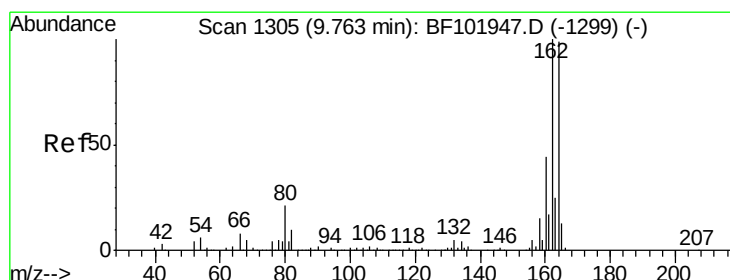
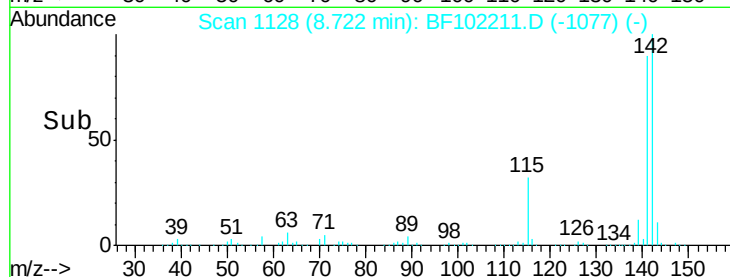
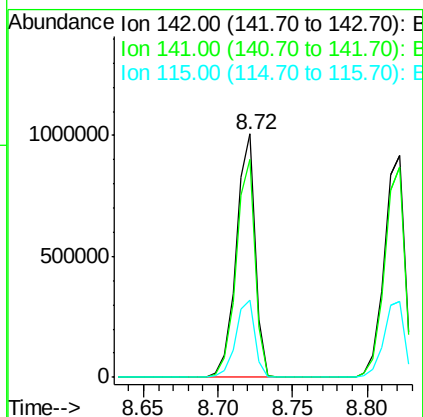
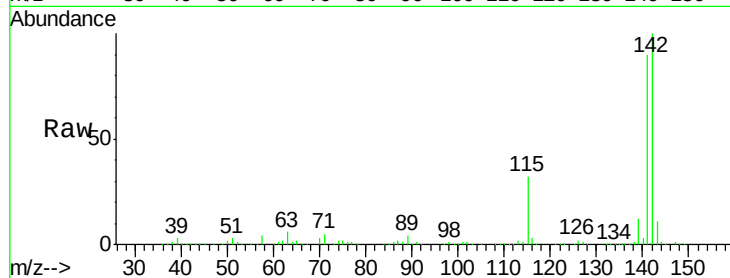
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 897019 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 89.6  | 70.8  | 106.2  |
| 115       | 31.5  | 26.1  | 39.1   |

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#38

Acenaphthene-d10

Concen: 20.000 ng

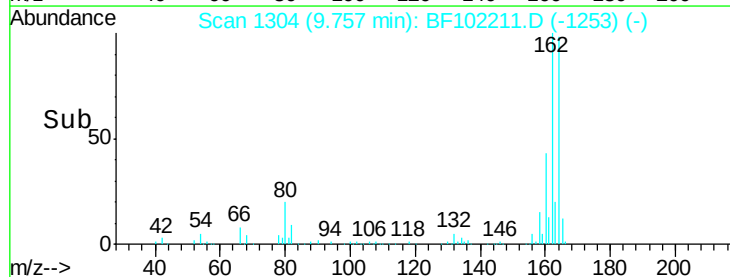
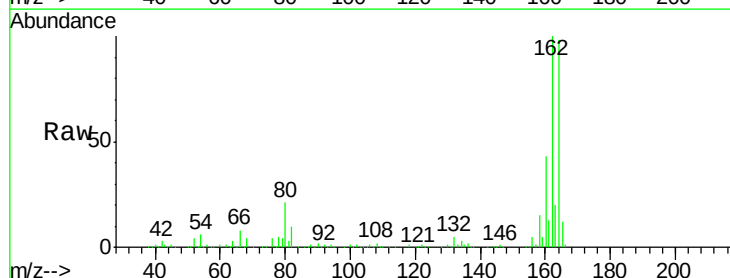
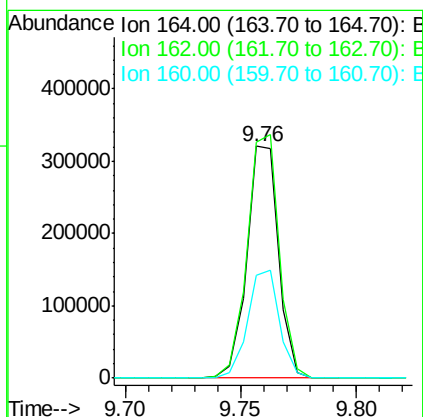
RT: 9.76 min Scan# 1304

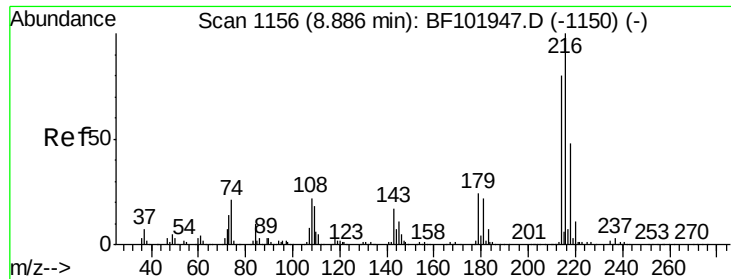
Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 307670 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.8 | 86.1  | 129.1  |
| 160       | 44.2  | 38.3  | 57.5   |





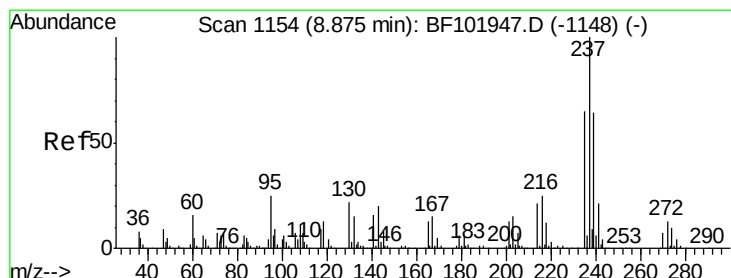
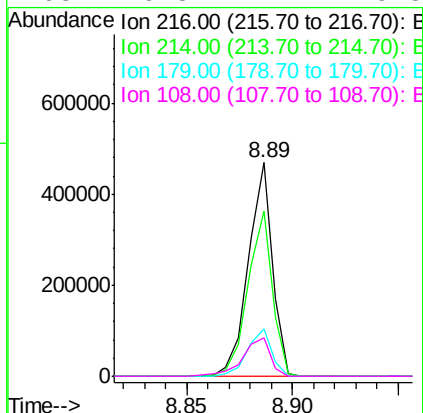
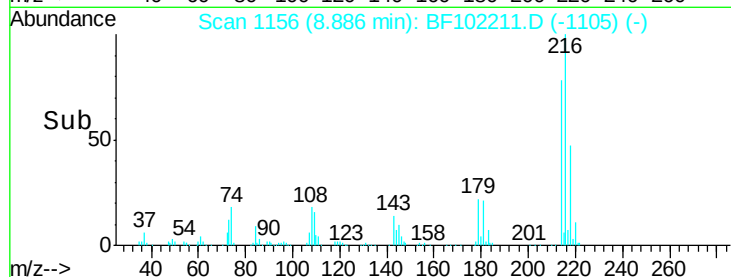
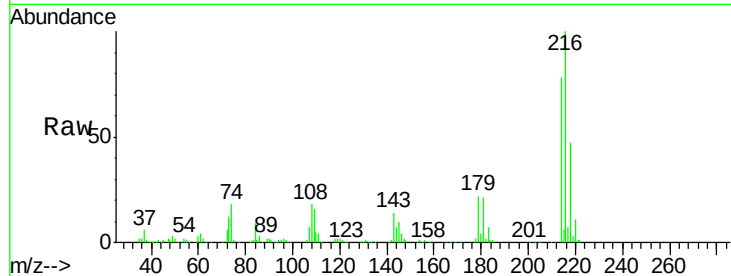
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 42.838 ng  
 RT: 8.89 min Scan# 1156  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.5  | 63.0  | 94.4  |
| 179     | 22.4  | 18.1  | 27.1  |
| 108     | 20.8  | 17.2  | 25.8  |

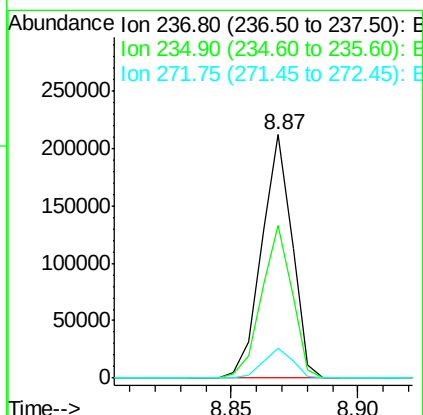
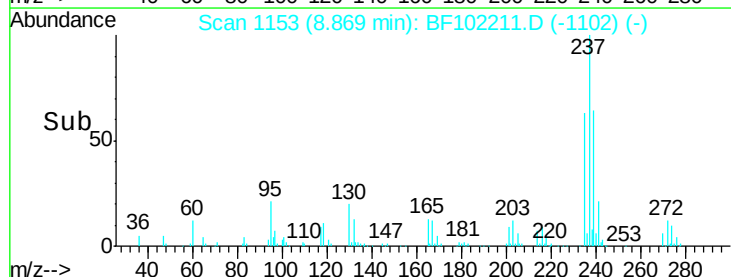
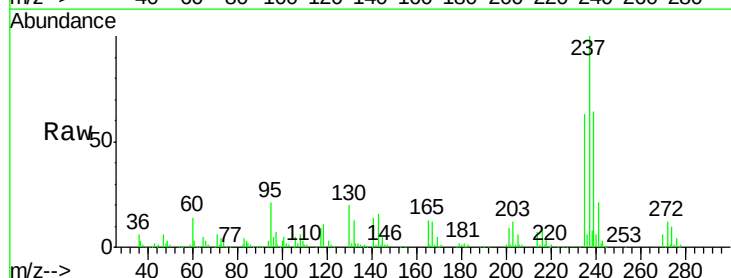
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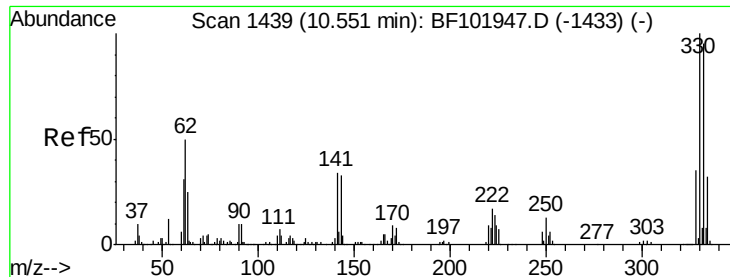


#40  
 Hexachlorocyclopentadiene  
 Concen: 37.316 ng  
 RT: 8.87 min Scan# 1153  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.7  | 44.8  | 84.8  |
| 272     | 12.1  | 0.0   | 33.3  |







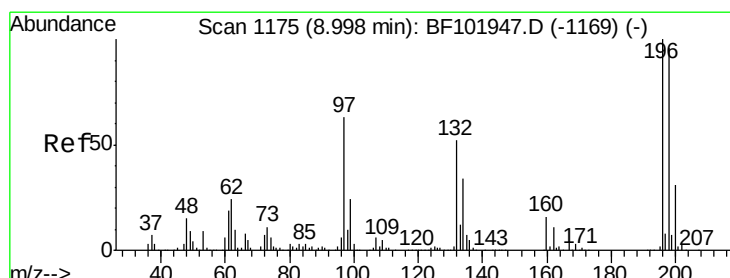
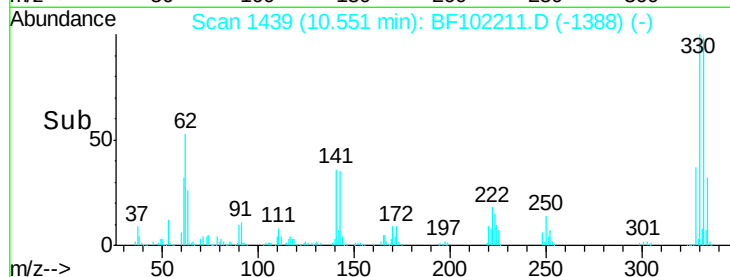
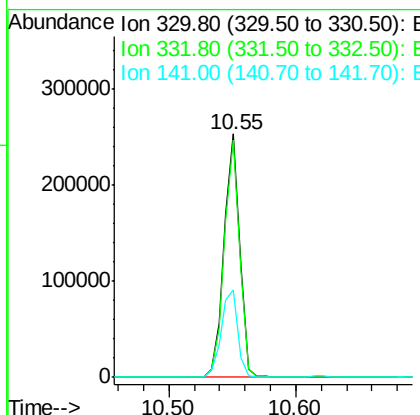
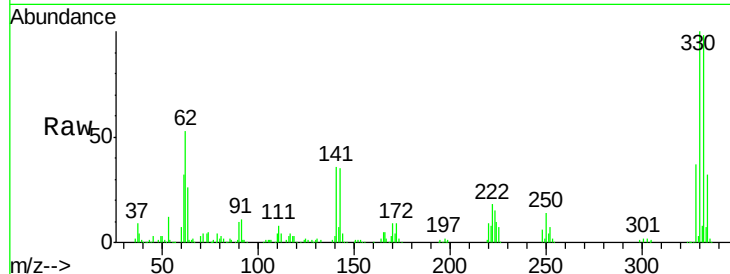
#41  
 2,4,6-Tribromophenol  
 Concen: 81.620 ng  
 RT: 10.55 min Scan# 1439  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 219150 |       |       |
| 332     | 95.9  | 77.0   | 115.6 |       |
| 141     | 37.9  | 29.9   | 44.9  |       |

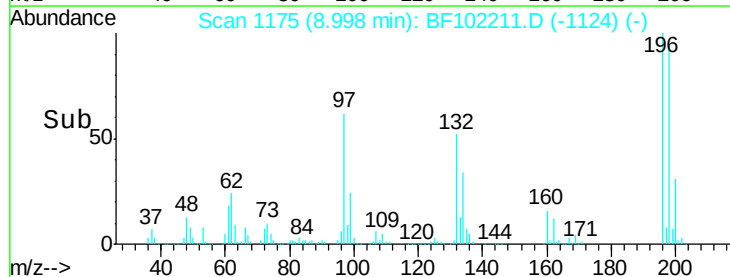
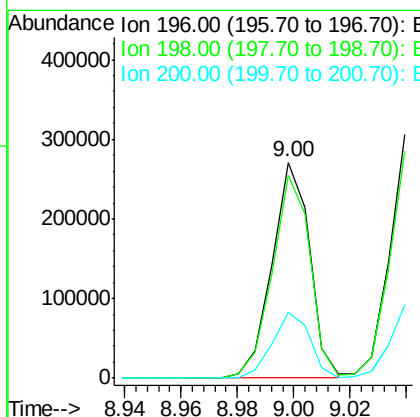
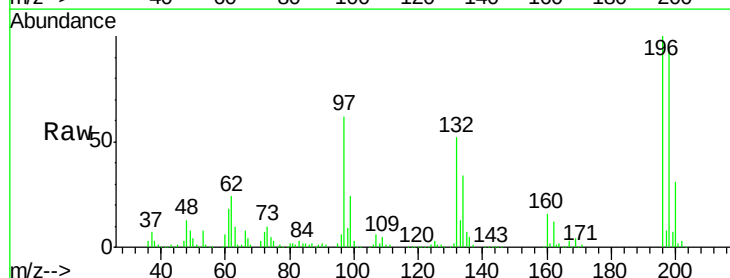
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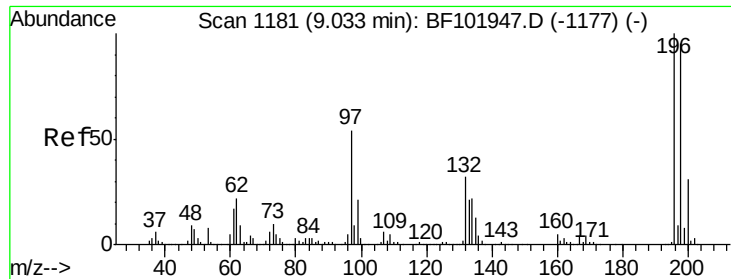
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#42  
 2,4,6-Trichlorophenol  
 Concen: 41.765 ng  
 RT: 9.00 min Scan# 1175  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 250512 |       |       |
| 198     | 93.8  | 75.7   | 113.5 |       |
| 200     | 30.6  | 24.5   | 36.7  |       |





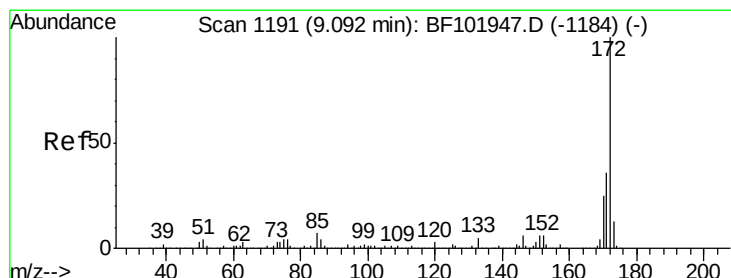
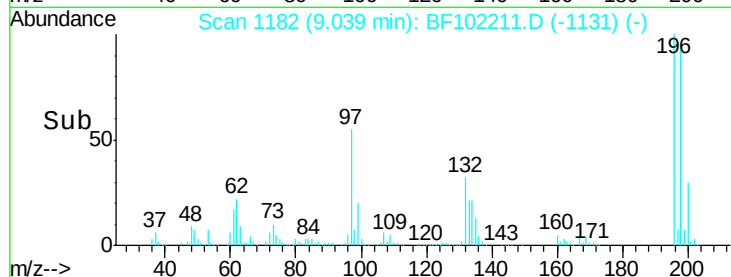
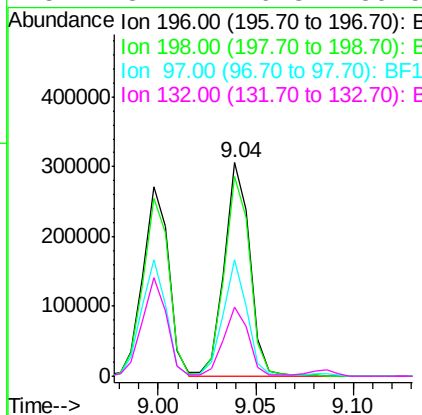
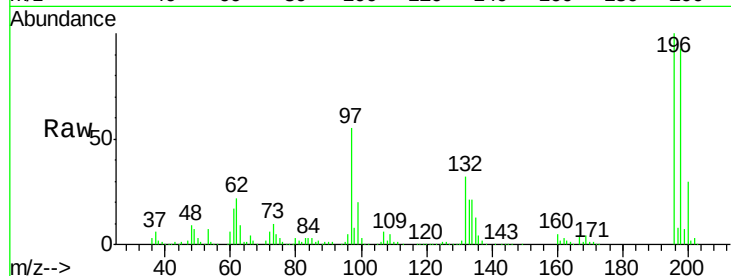
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.743 ng  
 RT: 9.04 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 276209 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 93.4  | 74.6  | 112.0  |
| 97        | 54.6  | 42.9  | 64.3   |
| 132       | 32.4  | 26.3  | 39.5   |

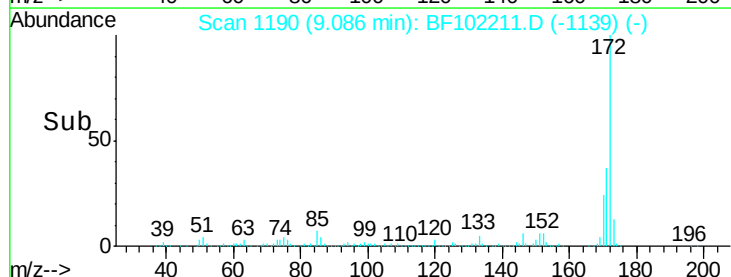
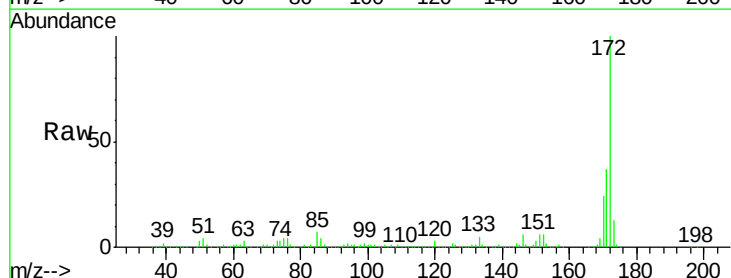
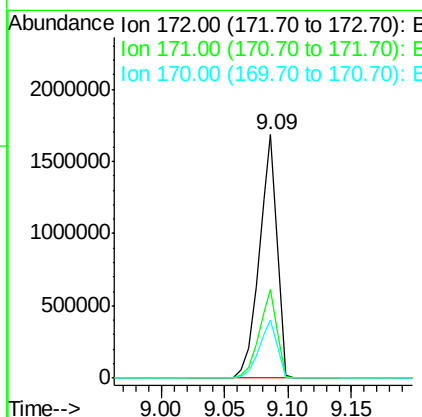
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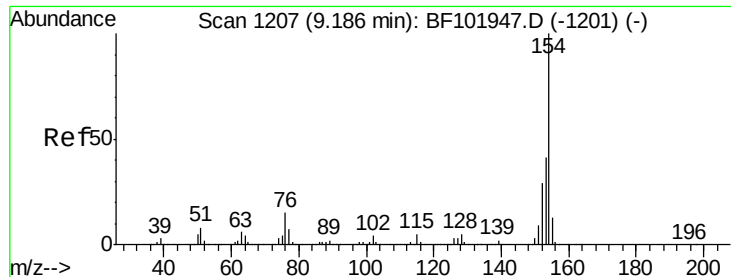
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#44  
 2-Fluorobiphenyl  
 Concen: 84.369 ng  
 RT: 9.09 min Scan# 1190  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 1661544 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 36.5  | 29.7  | 44.5    |
| 170       | 23.9  | 19.6  | 29.4    |





#45

1,1'-Biphenyl

Concen: 39.227 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1066761

Ion Ratio Lower Upper

154 100

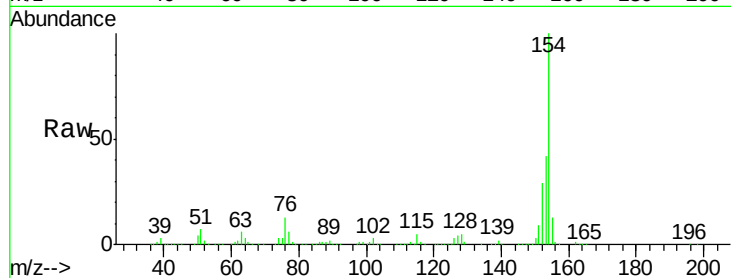
153 41.8 21.3 61.3

76 13.0 0.0 34.0

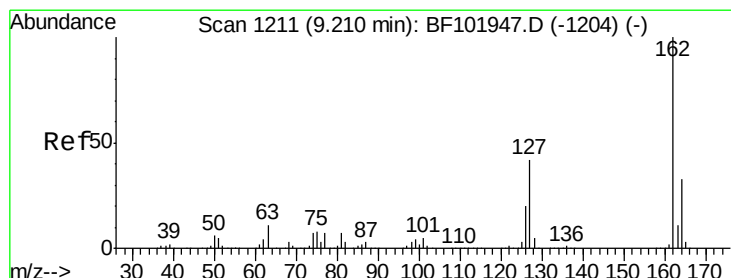
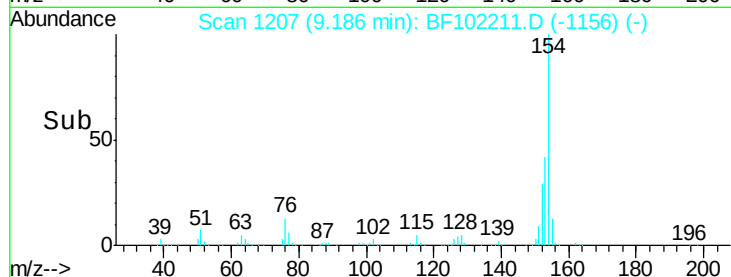
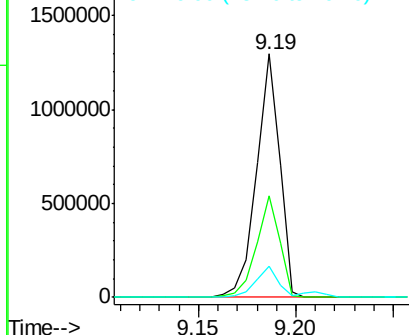
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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.074 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

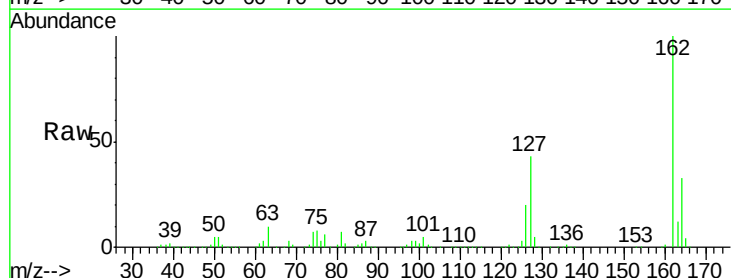
Tgt Ion:162 Resp: 845089

Ion Ratio Lower Upper

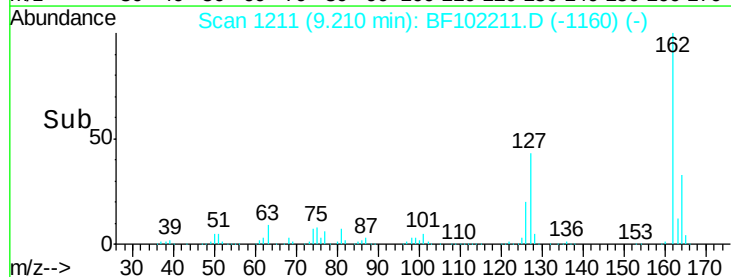
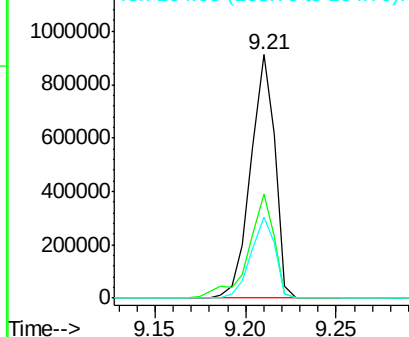
162 100

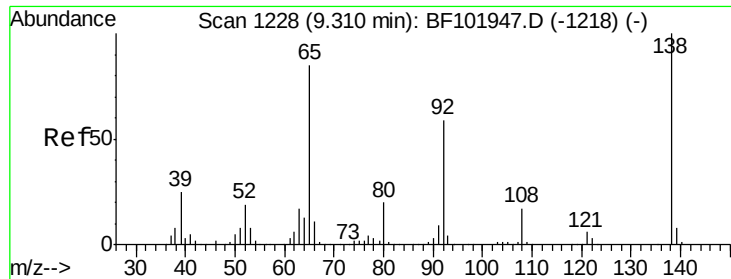
127 42.5 33.9 50.9

164 33.0 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





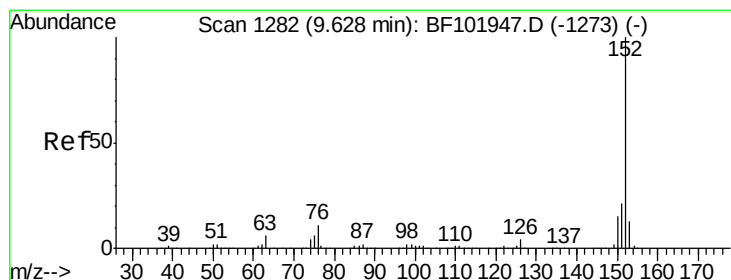
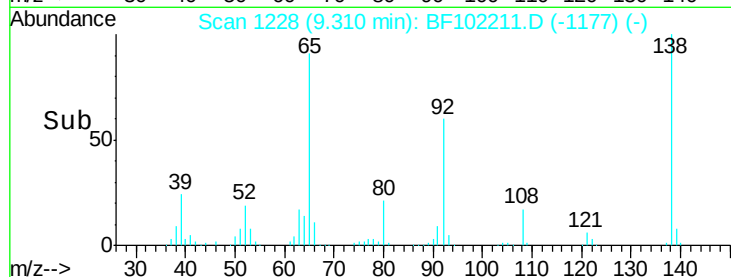
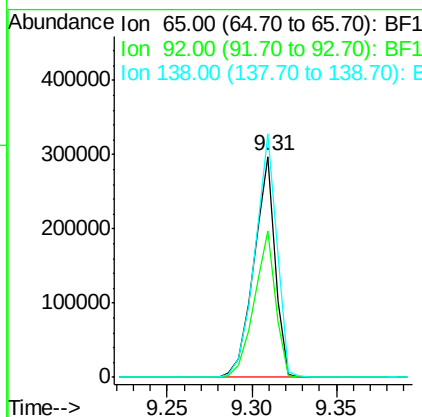
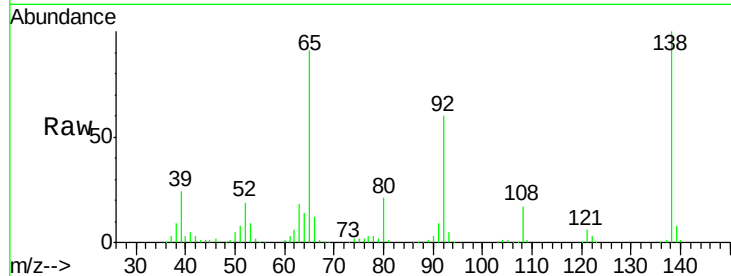
#47  
2-Nitroaniline  
Concen: 41.647 ng  
RT: 9.31 min Scan# 1228  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.4  | 55.8  | 83.6  |
| 138     | 110.3 | 91.2  | 136.8 |

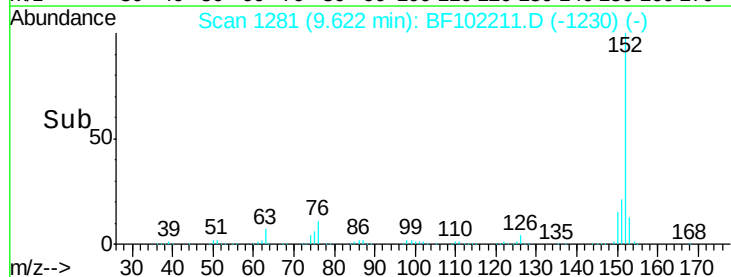
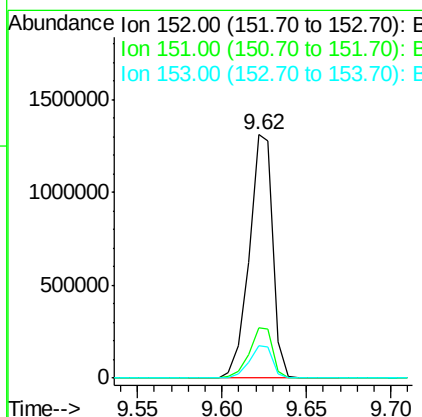
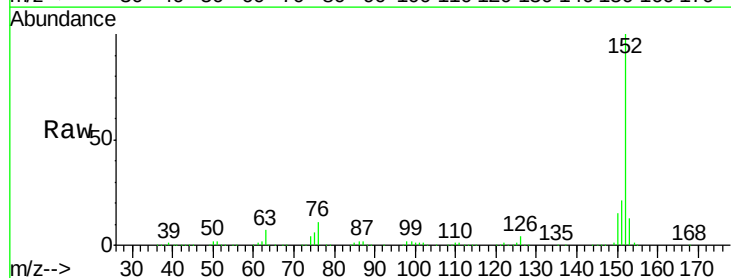
Manual Integrations  
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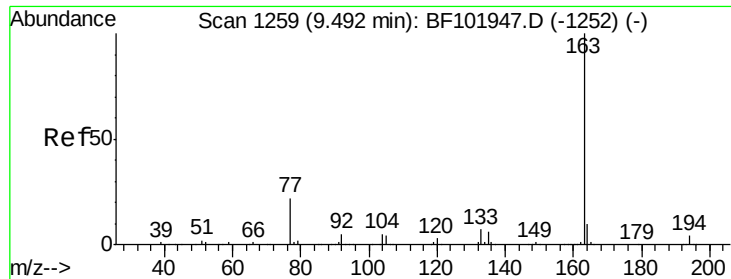
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#48  
Acenaphthylene  
Concen: 38.315 ng  
RT: 9.62 min Scan# 1281  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.9  | 16.3  | 24.5  |
| 153     | 13.5  | 10.7  | 16.1  |





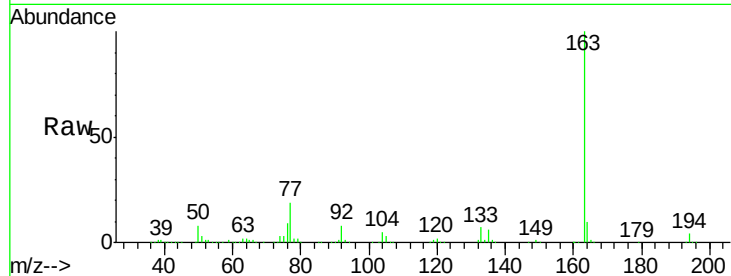
#49  
Dimethylphthalate  
Concen: 40.086 ng  
RT: 9.49 min Scan# 1259  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

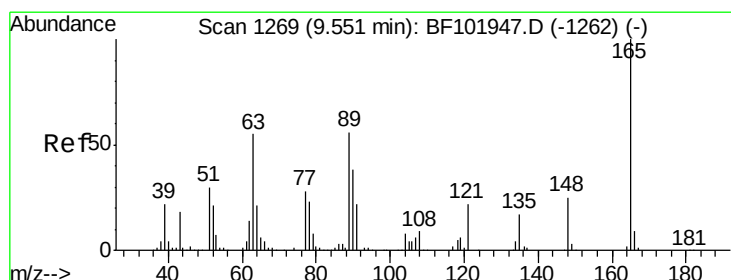
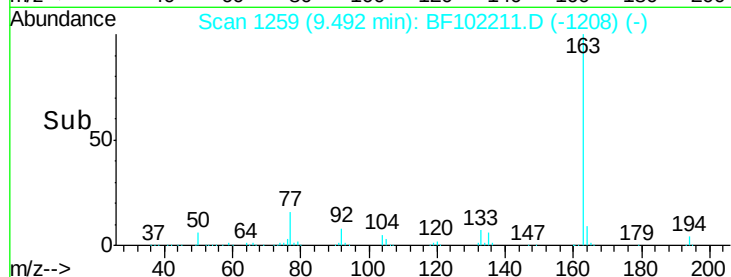
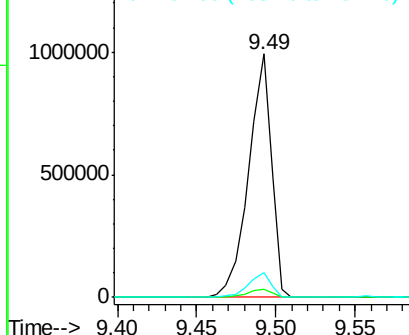
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 989376 |       |       |
| 194     | 3.5   |        | 2.7   | 4.1   |
| 164     | 10.3  |        | 8.2   | 12.2  |

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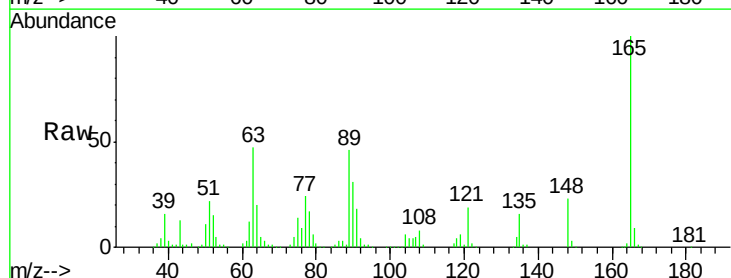


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

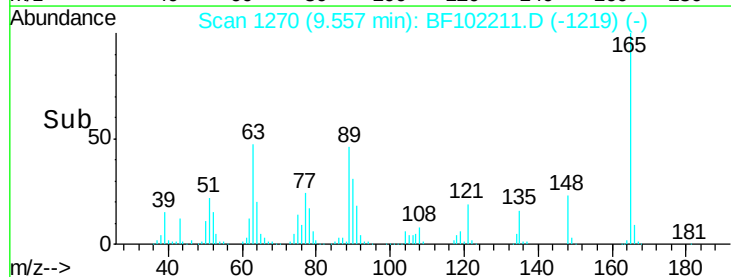
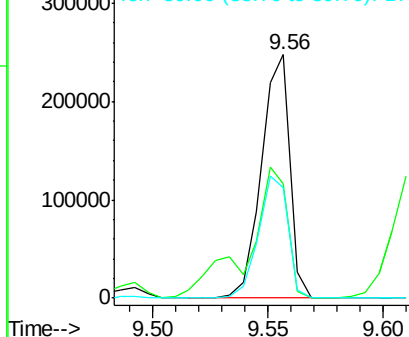


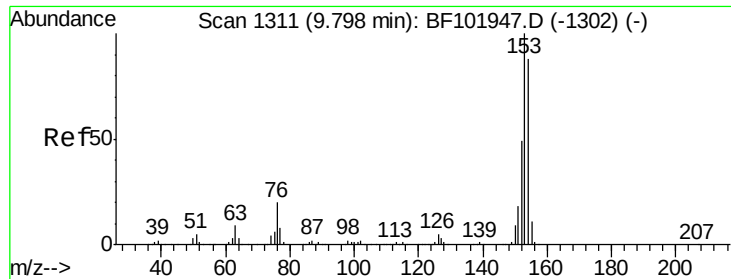
#50  
2,6-Dinitrotoluene  
Concen: 43.089 ng  
RT: 9.56 min Scan# 1270  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 212437 |       |       |
| 63      | 47.0  |        | 44.7  | 67.1  |
| 89      | 45.5  |        | 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: 36.986 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Instrument :

BNA\_F

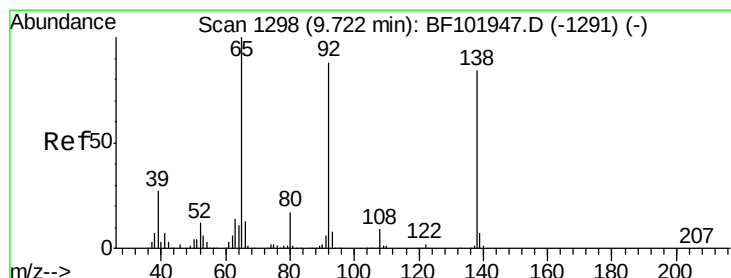
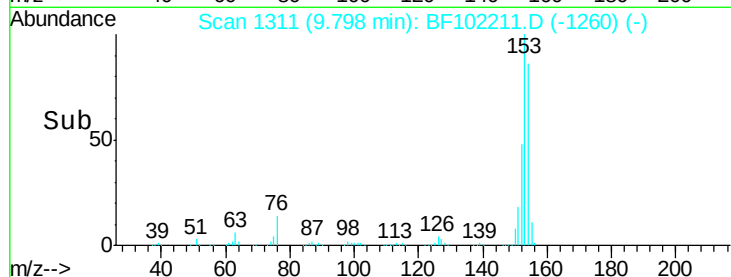
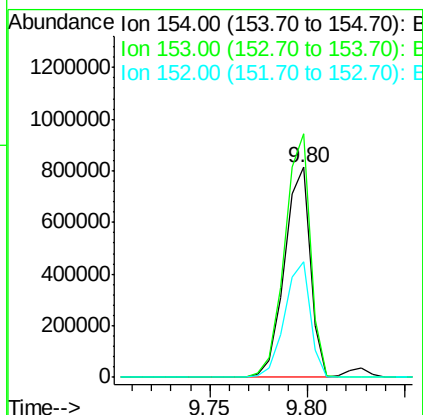
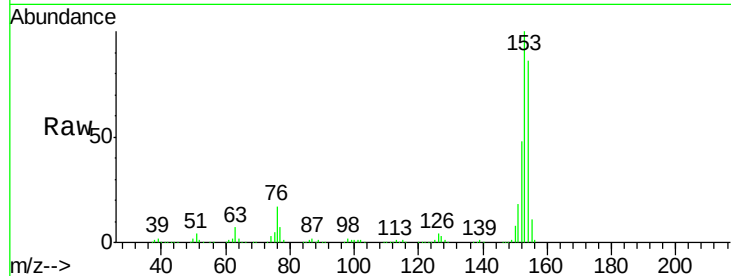
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 751293 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 116.0 | 91.2  | 136.8  |
| 152       | 55.4  | 43.8  | 65.8   |

Manual Integrations  
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#52

3-Nitroaniline

Concen: 38.012 ng

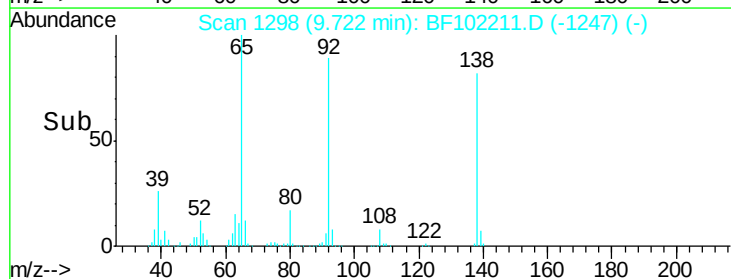
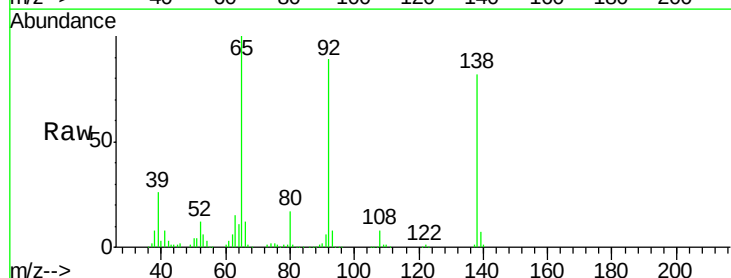
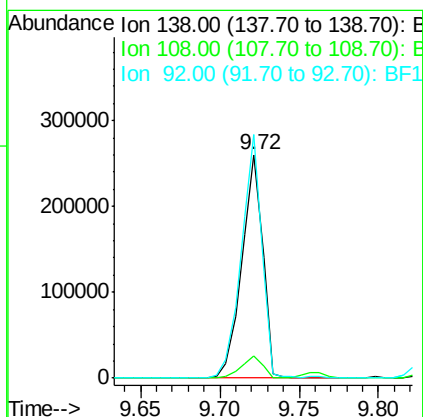
RT: 9.72 min Scan# 1298

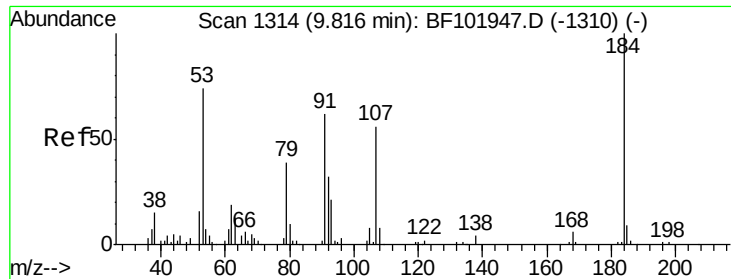
Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 236515 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.2  | 9.4   | 14.0   |
| 92        | 109.1 | 89.4  | 134.2  |





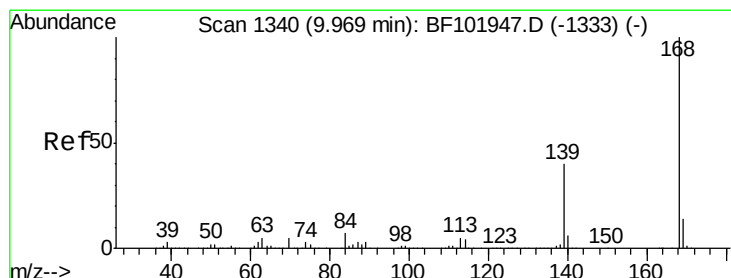
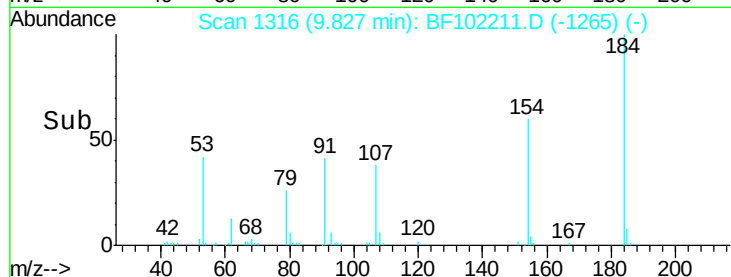
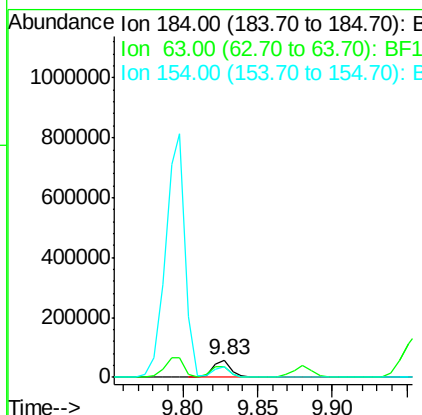
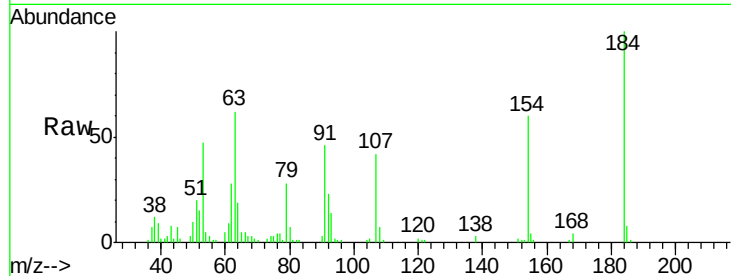
#53  
2,4-Dinitrophenol  
Concen: 32.433 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 61.6  | 54.2  | 81.2   |
| 154     | 60.0  | 184.0 | 276.0# |

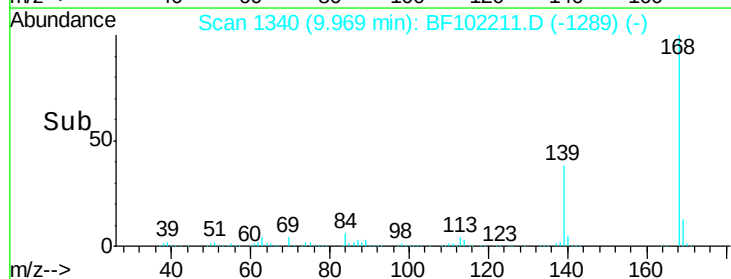
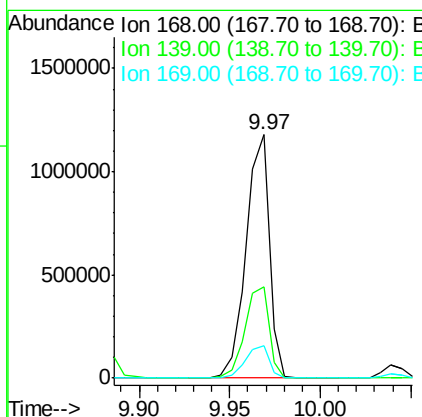
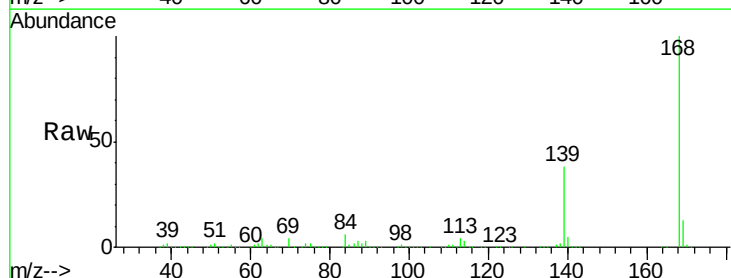
Manual Integrations  
APPROVED

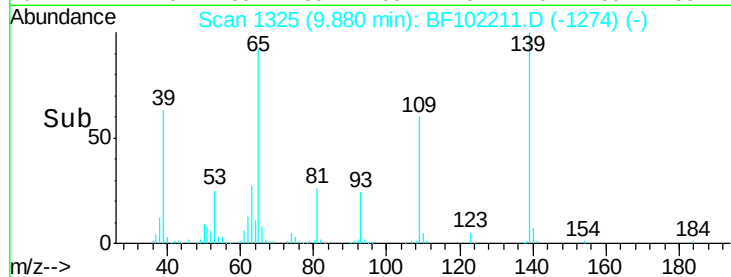
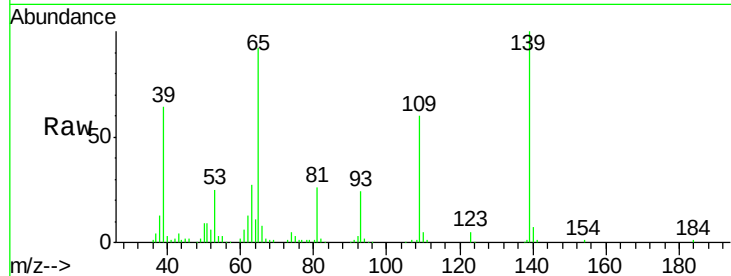
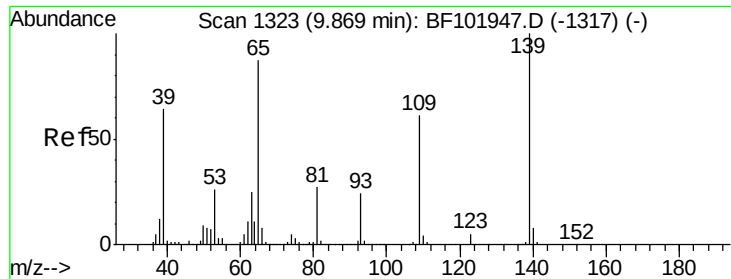
Sohil  
1/22/2018 5:23:42 PM



#54  
Dibenzofuran  
Concen: 37.670 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.5  | 30.1  | 45.1  |
| 169     | 13.4  | 10.9  | 16.3  |





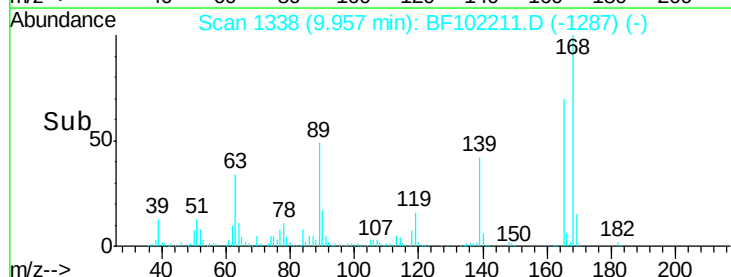
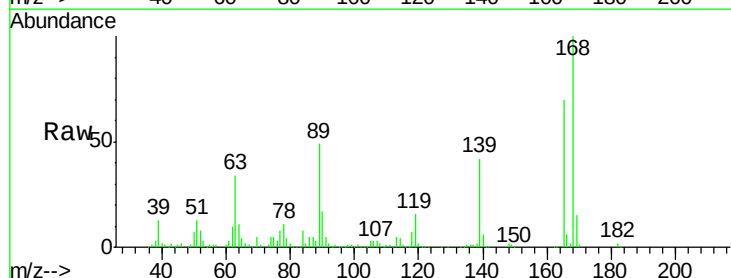
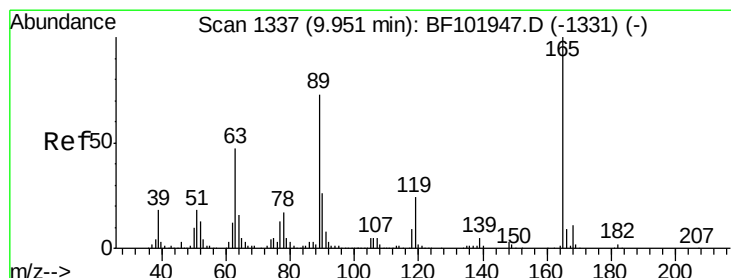
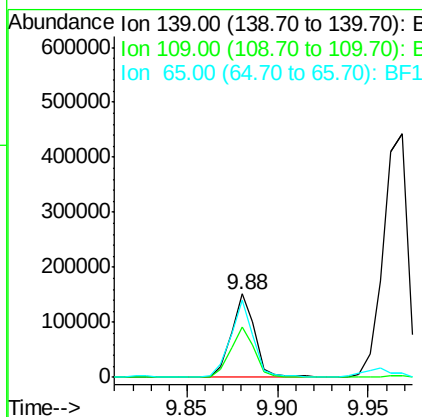
#55  
4-Nitrophenol  
Concen: 29.717 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 137797 |       |       |
| 109     | 59.6  | 48.4   | 88.4  |       |
| 65      | 91.8  | 72.6   | 112.6 |       |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

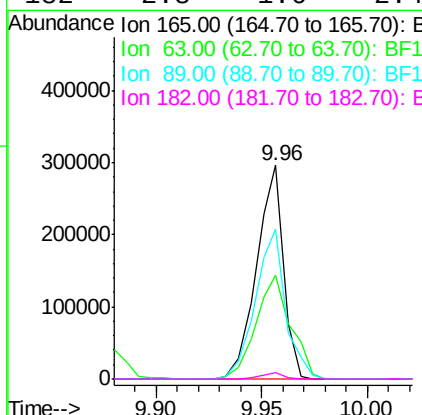
Manual Integrations  
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1/22/2018 5:23:42 PM

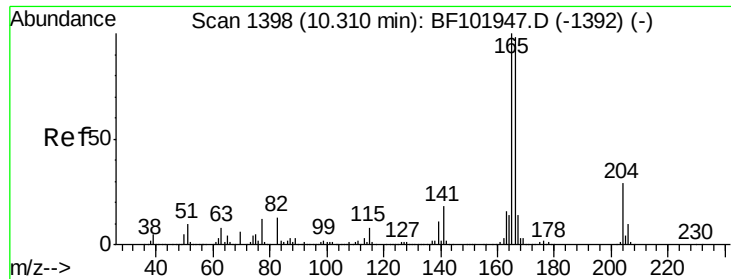


#56  
2,4-Dinitrotoluene  
Concen: 42.385 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 261914 |       |       |
| 63      | 48.3  | 36.4   | 54.6  |       |
| 89      | 69.9  | 57.8   | 86.6  |       |
| 182     | 2.8   | 1.6    | 2.4   | #     |







#57

Fluorene

Concen: 41.827 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 806089

Ion Ratio Lower Upper

166 100

165 100.1 79.8 119.8

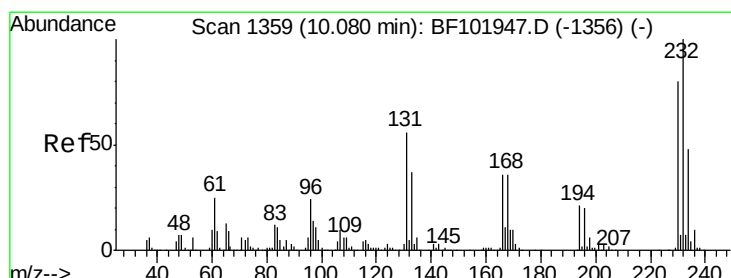
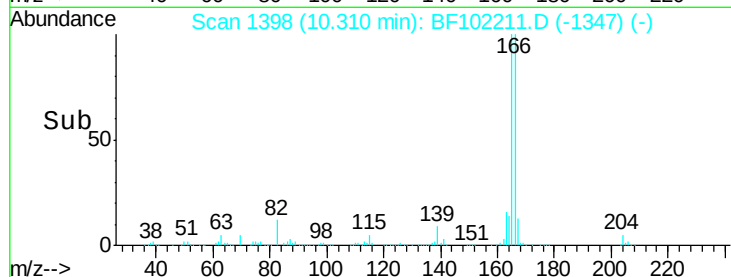
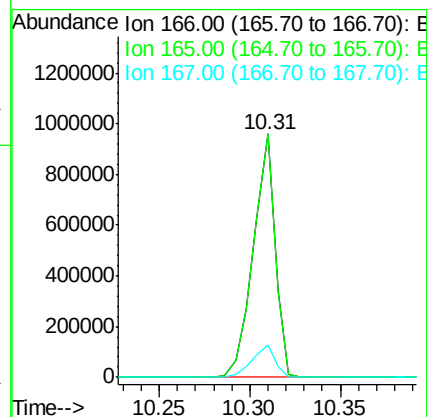
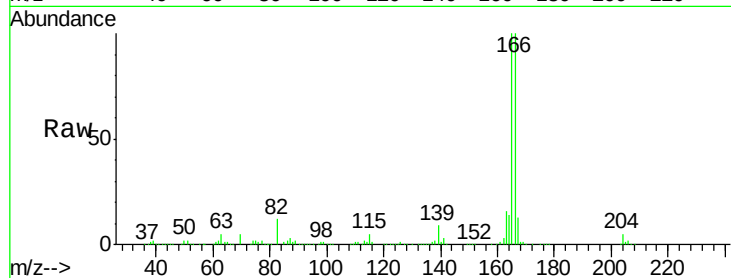
167 13.2 10.6 16.0

Manual Integrations

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Sohil

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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.928 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Tgt Ion:232 Resp: 187884

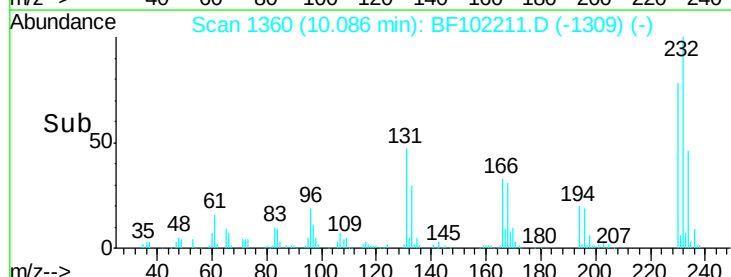
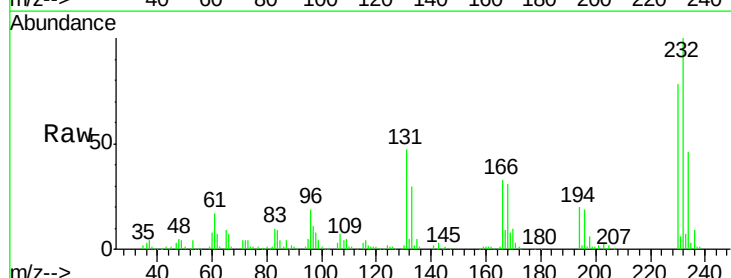
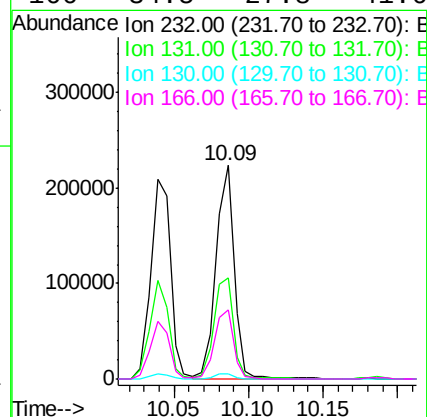
Ion Ratio Lower Upper

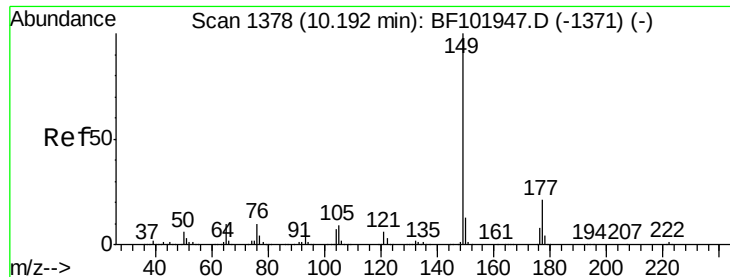
232 100

131 50.9 43.8 65.8

130 2.5 2.1 3.1

166 34.5 27.8 41.6





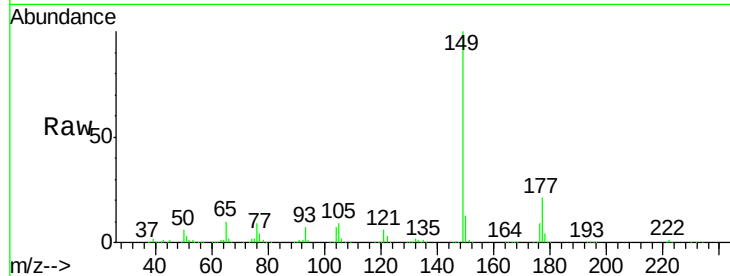
#59  
Diethylphthalate  
Concen: 37.336 ng  
RT: 10.19 min Scan# 1377  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

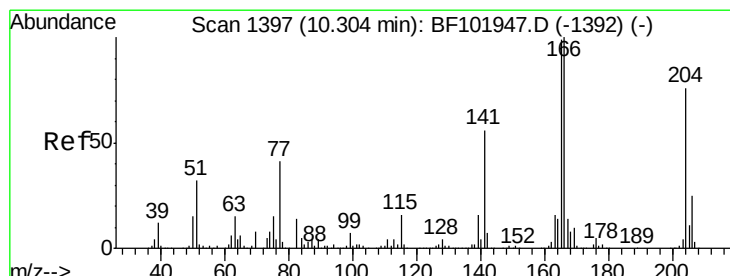
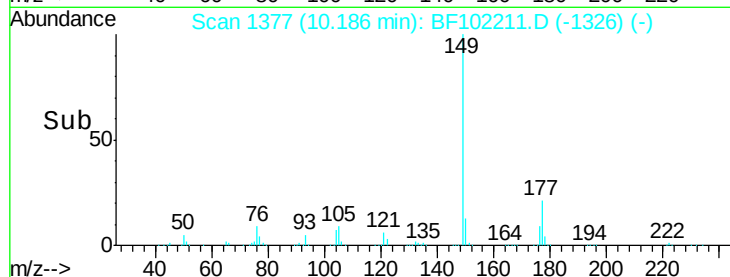
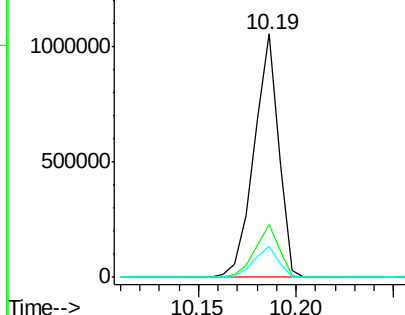
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.5  | 16.1  | 24.1  |
| 150     | 12.8  | 10.1  | 15.1  |

Manual Integrations  
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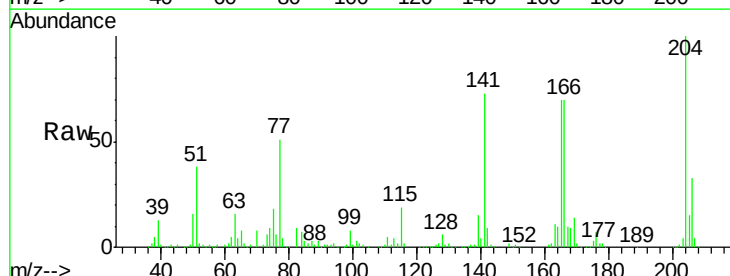


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

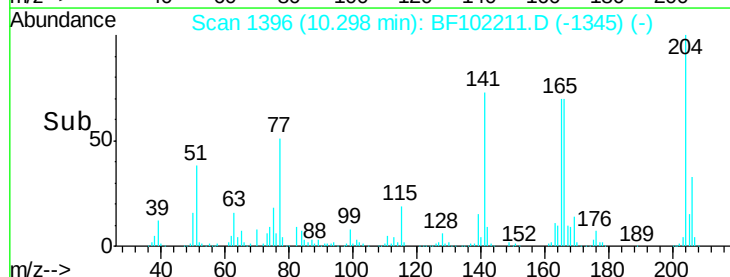
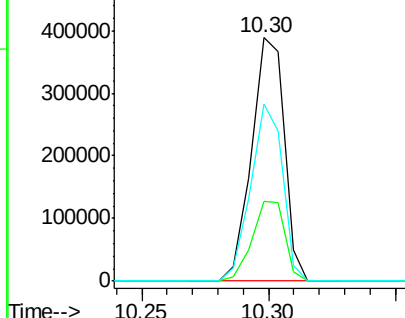


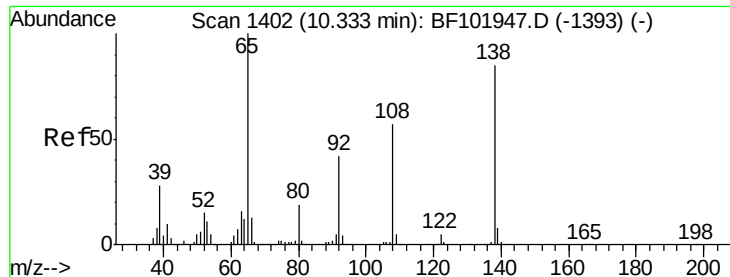
#60  
4-Chlorophenyl-phenylether  
Concen: 42.823 ng  
RT: 10.30 min Scan# 1396  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.5  | 26.5  | 39.7  |
| 141     | 72.6  | 54.6  | 81.8  |



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





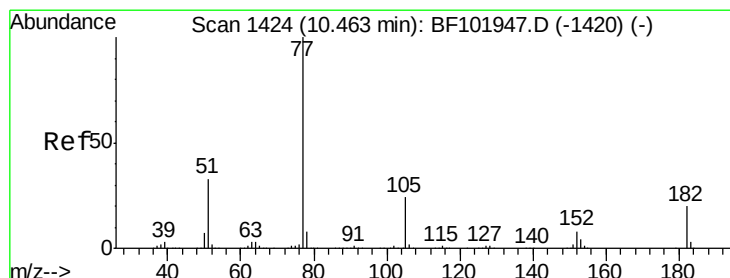
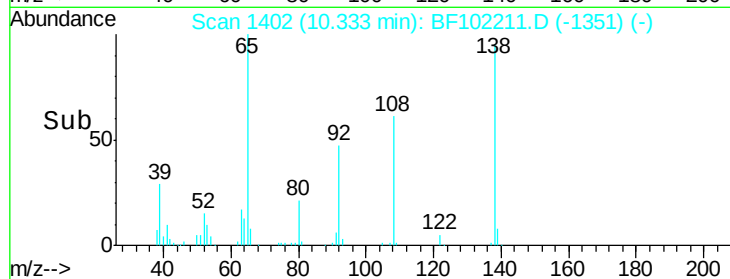
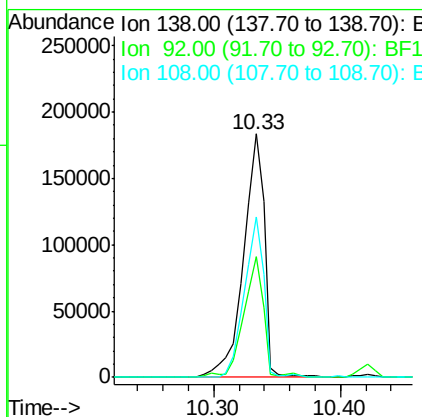
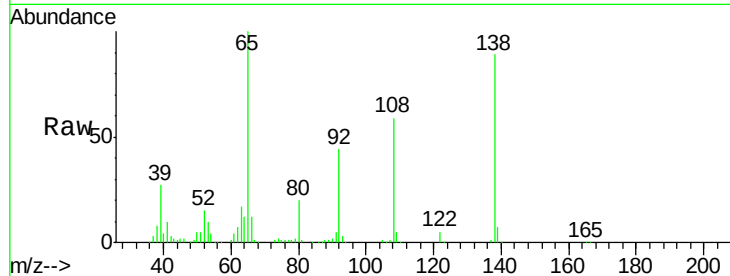
#61  
4-Nitroaniline  
Concen: 35.488 ng  
RT: 10.33 min Scan# 1402  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 209561 |       |       |
| 92      | 49.6  | 30.2   | 70.2  |       |
| 108     | 65.9  | 52.5   | 92.5  |       |

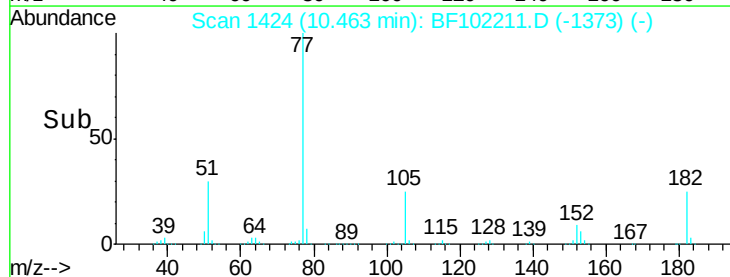
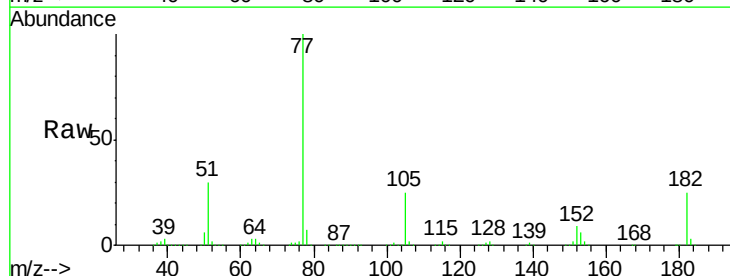
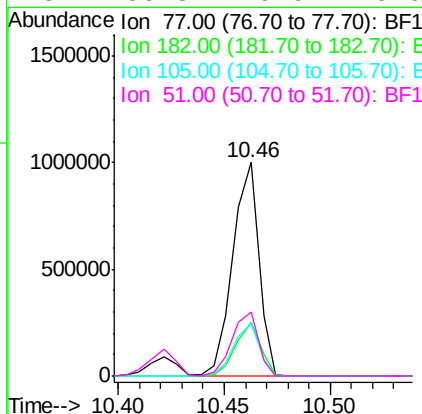
Manual Integrations  
APPROVED

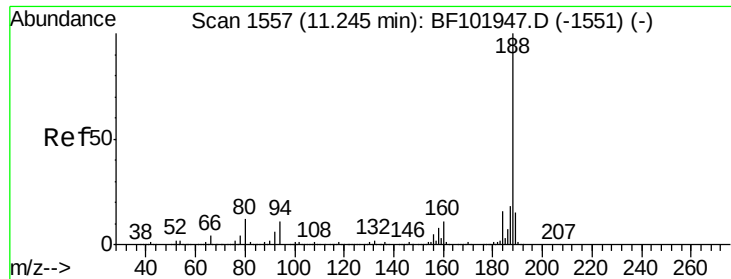
Sohil  
1/22/2018 5:23:42 PM



#62  
Azobenzene  
Concen: 34.926 ng  
RT: 10.46 min Scan# 1424  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 853141 |       |       |
| 182     | 25.2  | 1.7    | 41.7  |       |
| 105     | 24.6  | 3.0    | 43.0  |       |
| 51      | 30.3  | 9.9    | 49.9  |       |





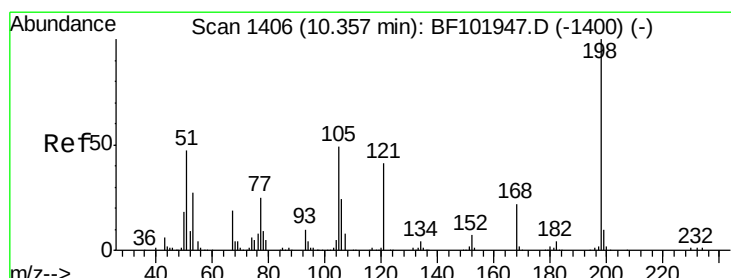
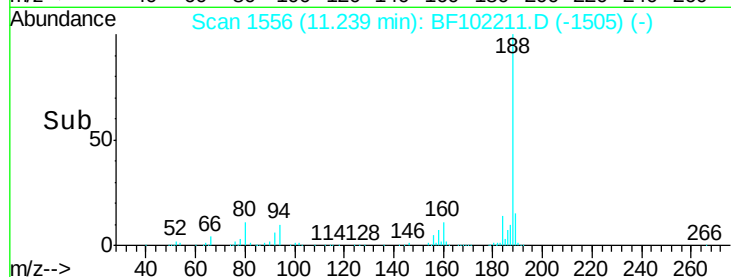
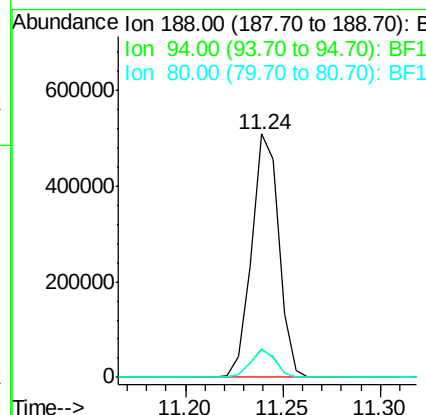
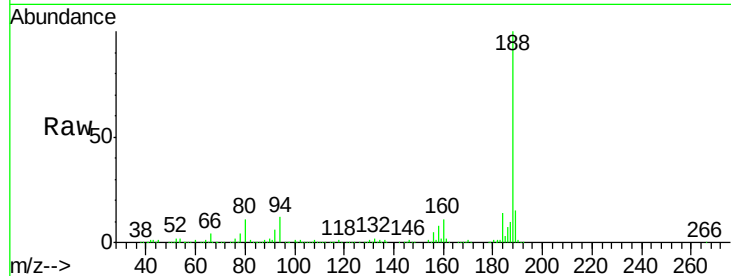
#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.24 min Scan# 1556  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 490005 |       |       |
| 94      | 11.6  |        | 8.5   | 12.7  |
| 80      | 11.4  |        | 9.2   | 13.8  |

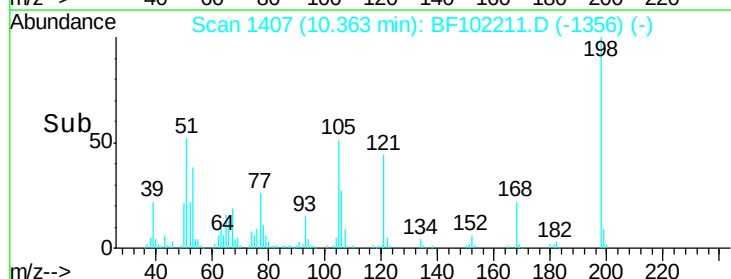
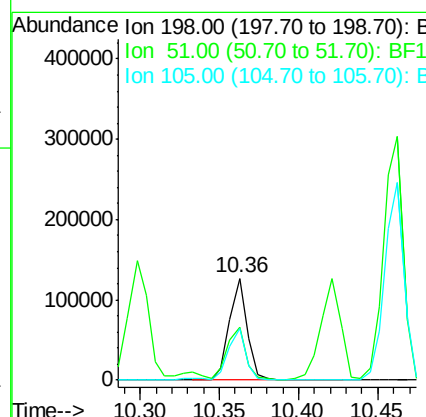
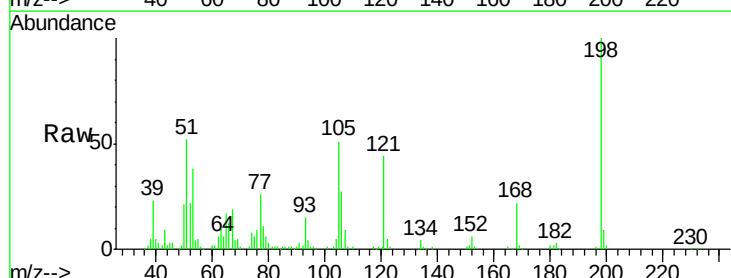
Manual Integrations  
 APPROVED

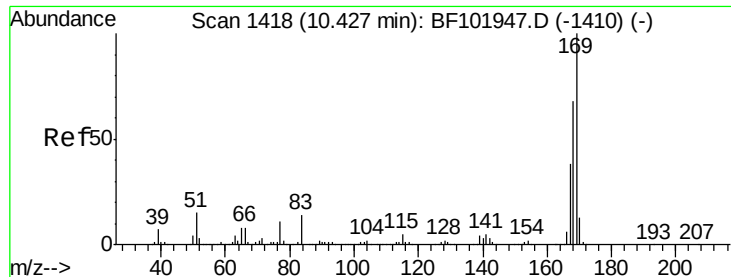
Sohil  
 1/22/2018 5:23:42 PM



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 38.868 ng  
 RT: 10.36 min Scan# 1407  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 100187 |       |       |
| 51      | 52.3  |        | 37.7  | 77.7  |
| 105     | 50.7  |        | 36.3  | 76.3  |





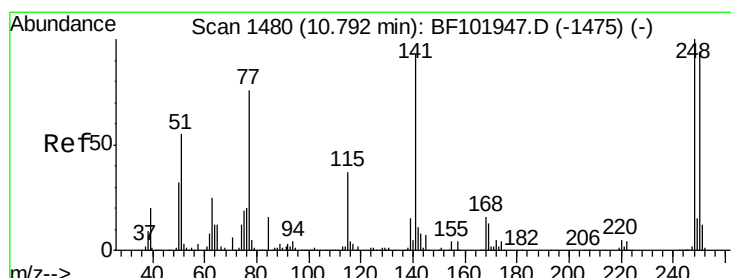
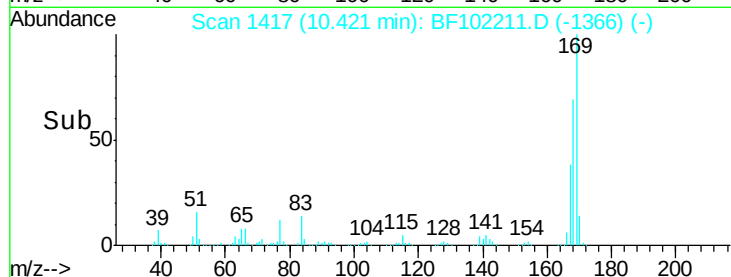
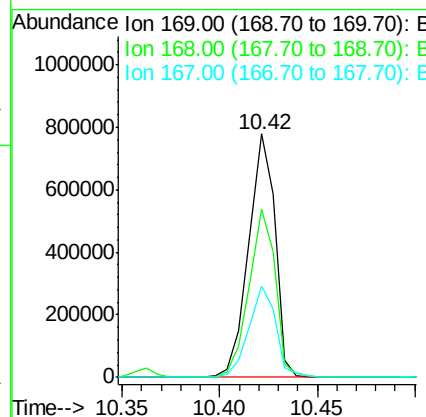
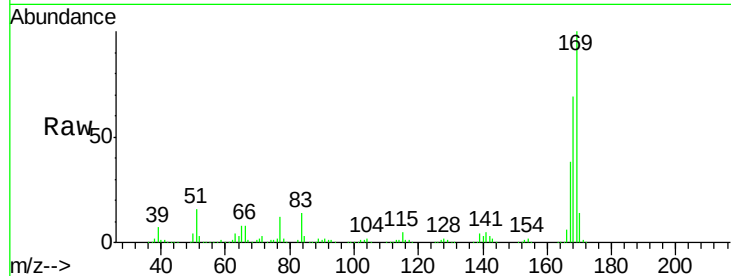
#65  
n-Nitrosodiphenylamine  
Concen: 39.842 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 731053 |       |       |
| 168     | 68.8  | 54.4   | 81.6  |       |
| 167     | 37.6  | 29.8   | 44.6  |       |

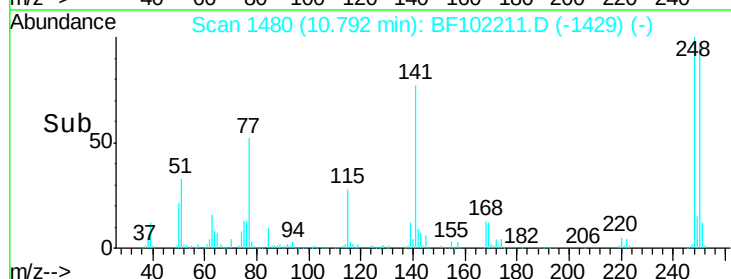
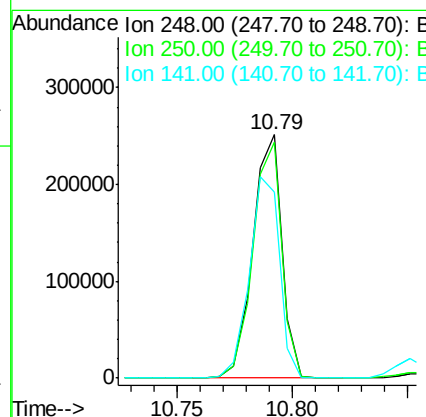
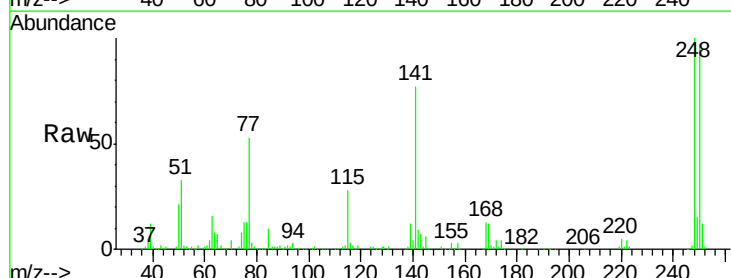
Manual Integrations  
APPROVED

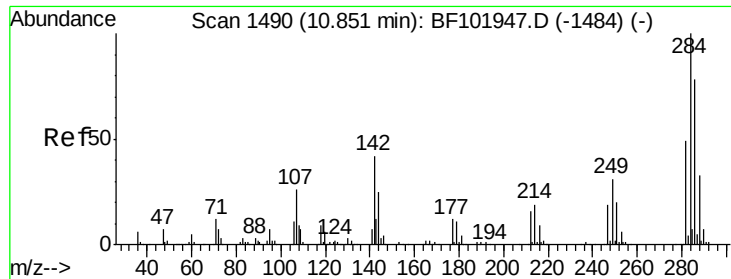
Sohil  
1/22/2018 5:23:42 PM



#66  
4-Bromophenyl-phenylether  
Concen: 42.857 ng  
RT: 10.79 min Scan# 1480  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 221771 |       |       |
| 250     | 96.7  | 76.9   | 115.3 |       |
| 141     | 76.6  | 74.4   | 111.6 |       |





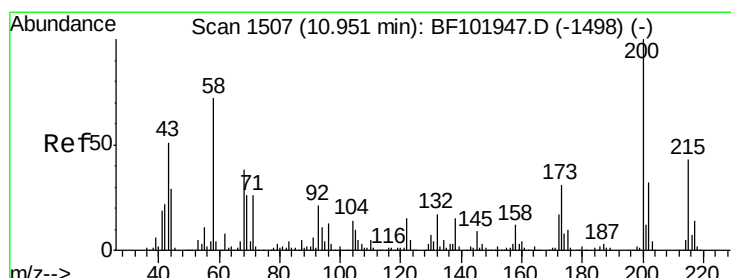
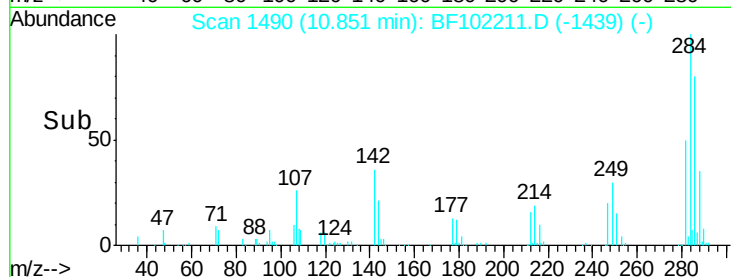
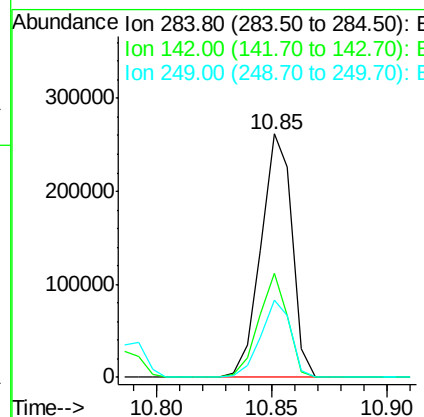
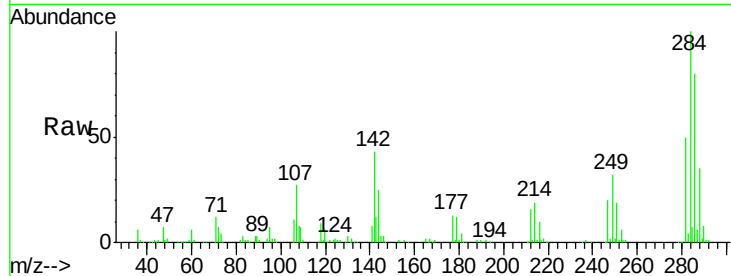
#67  
Hexachlorobenzene  
Concen: 43.554 ng  
RT: 10.85 min Scan# 1490  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 246045 |       |       |
| 142     | 42.8  | 34.6   | 52.0  |       |
| 249     | 31.7  | 24.8   | 37.2  |       |

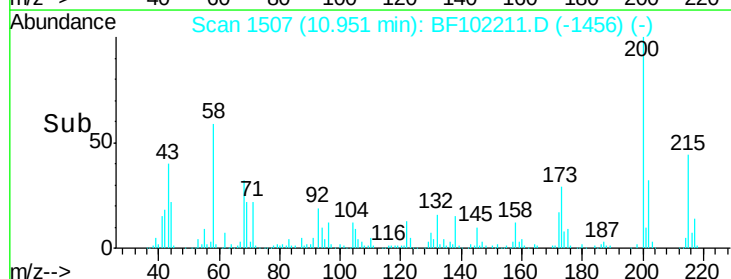
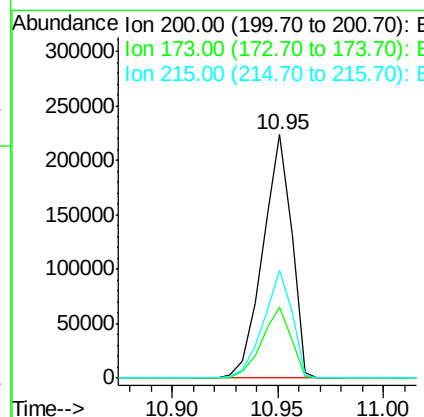
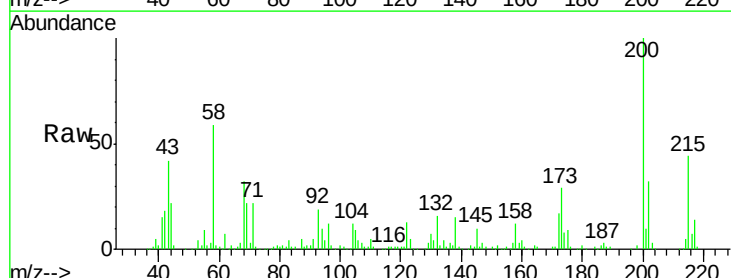
Manual Integrations  
APPROVED

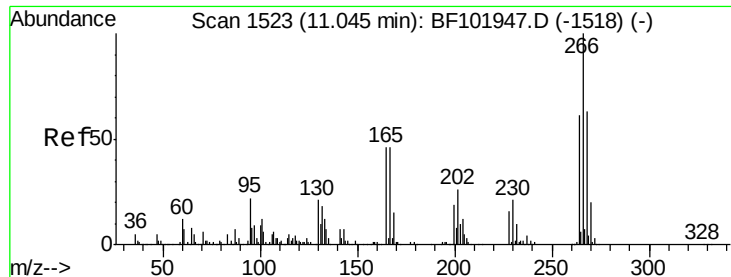
Sohil  
1/22/2018 5:23:42 PM



#68  
Atrazine  
Concen: 39.969 ng  
RT: 10.95 min Scan# 1507  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 211946 |       |       |
| 173     | 28.9  | 8.6    | 48.6  |       |
| 215     | 44.3  | 25.1   | 65.1  |       |





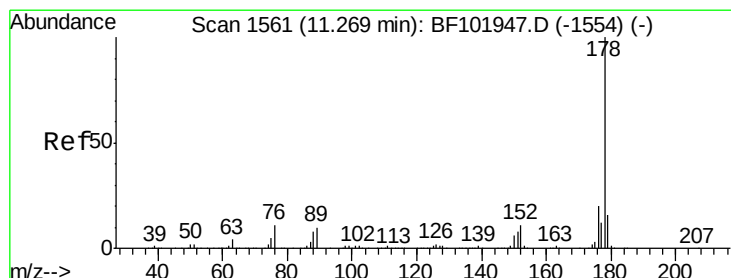
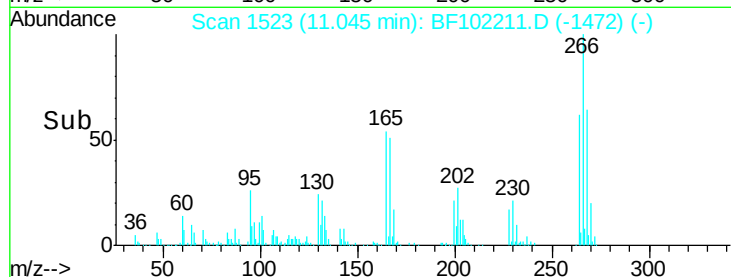
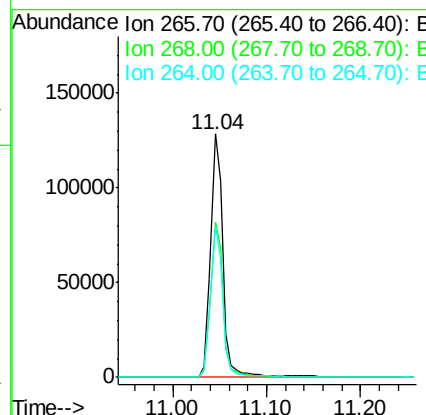
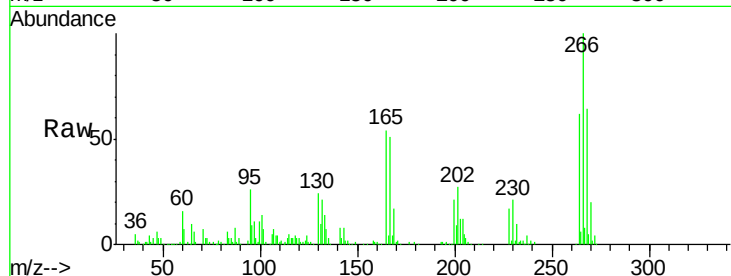
#69  
 Pentachlorophenol  
 Concen: 34.857 ng  
 RT: 11.04 min Scan# 1523  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.7  | 51.1  | 76.7  |
| 264     | 62.1  | 49.5  | 74.3  |

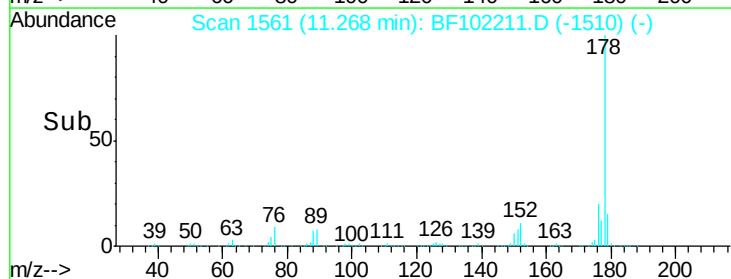
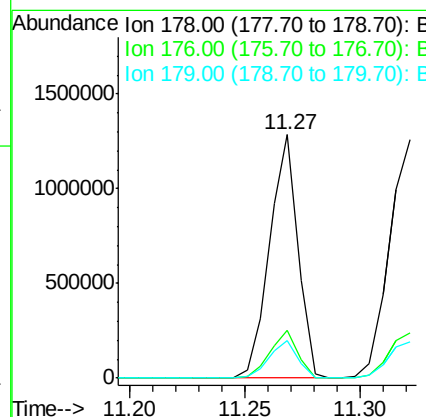
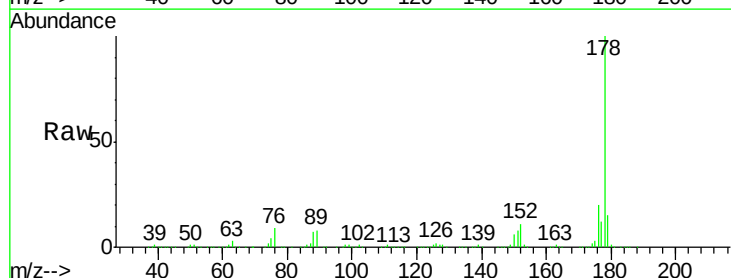
Manual Integrations  
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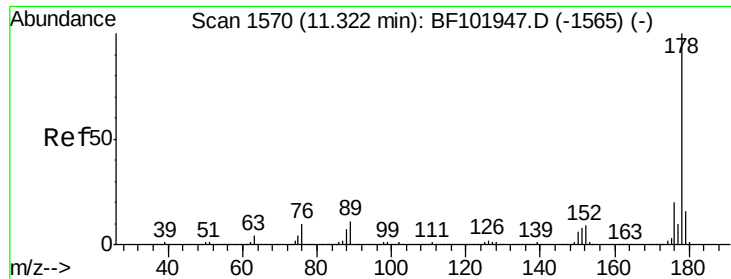
Sohil  
 1/22/2018 5:23:42 PM



#70  
 Phenanthrene  
 Concen: 38.388 ng  
 RT: 11.27 min Scan# 1561  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.8  | 23.8  |
| 179     | 15.2  | 13.0  | 19.6  |





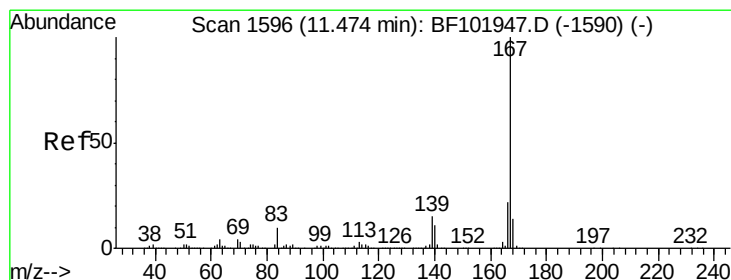
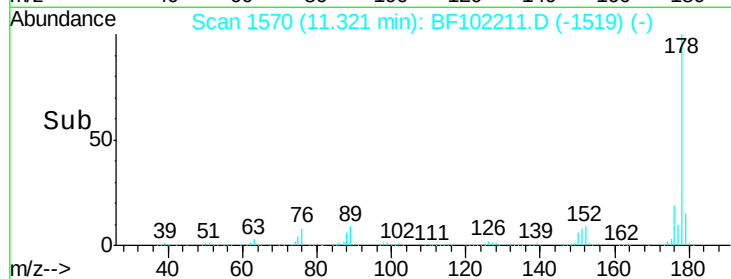
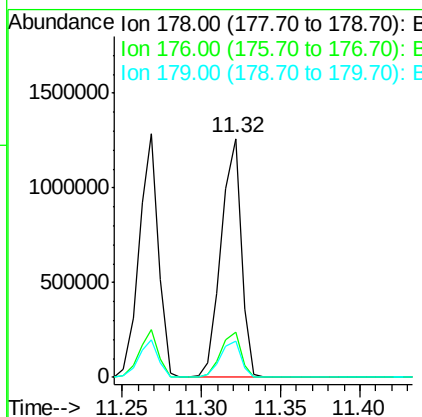
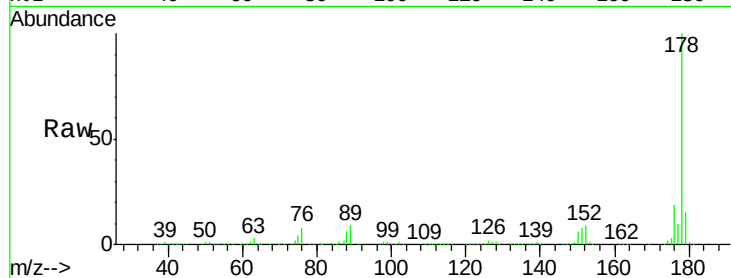
#71  
 Anthracene  
 Concen: 38.569 ng  
 RT: 11.32 min Scan# 1570  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 15.4  | 23.2  |
| 179     | 15.3  | 12.6  | 19.0  |

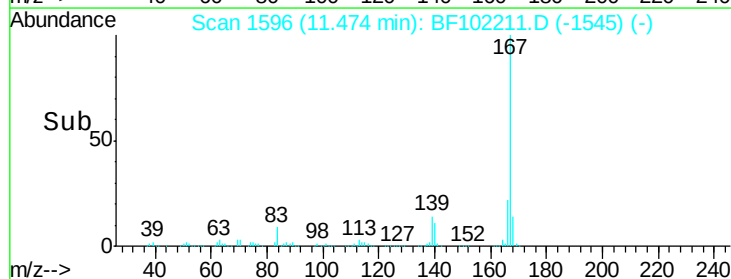
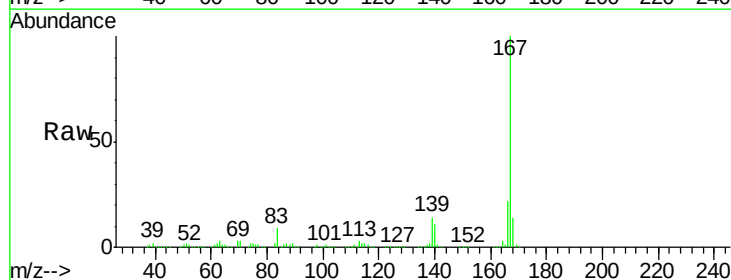
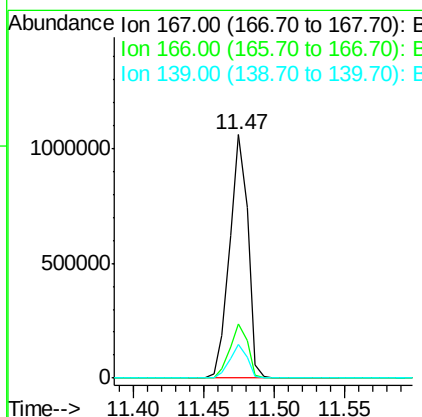
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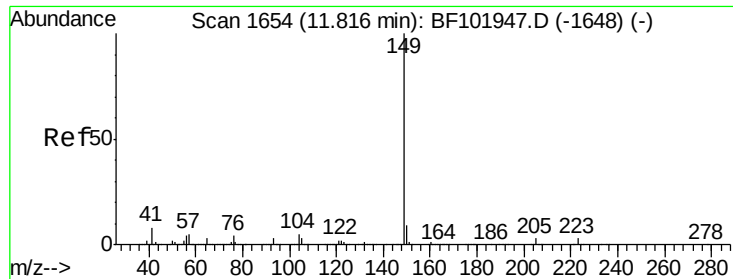


#72  
 Carbazole  
 Concen: 33.475 ng  
 RT: 11.47 min Scan# 1596  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.4  | 17.6  | 26.4  |
| 139     | 13.8  | 10.9  | 16.3  |







#73

Di-n-butylphthalate

Concen: 38.262 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1339395

Ion Ratio Lower Upper

149 100

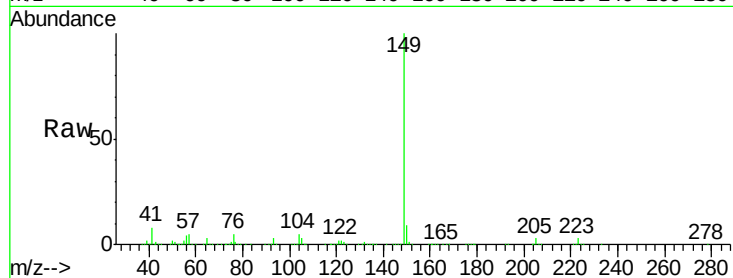
150 9.4 7.8 11.6

104 4.7 3.8 5.8

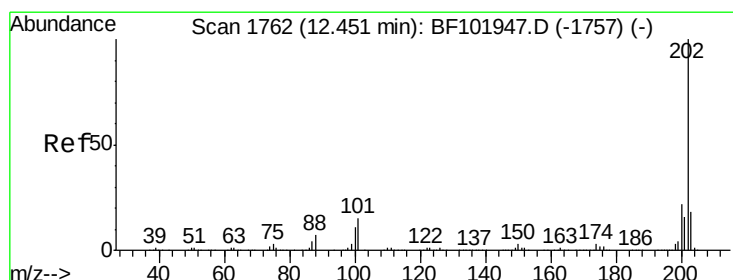
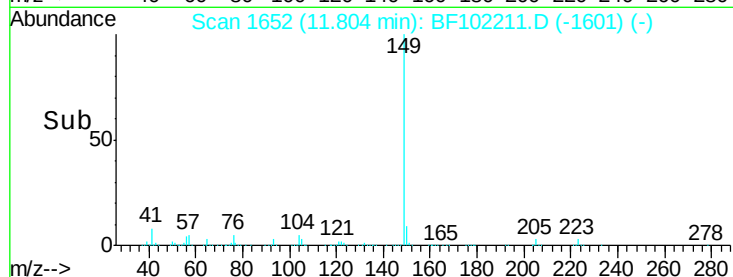
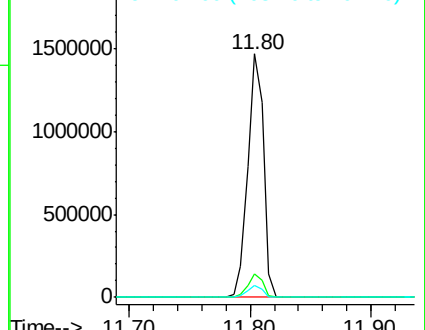
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Abundance Ion 149.00 (148.70 to 149.70): E  
2000000  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.680 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

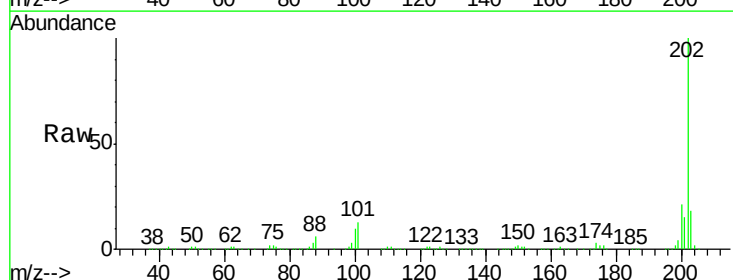
Tgt Ion:202 Resp: 976623

Ion Ratio Lower Upper

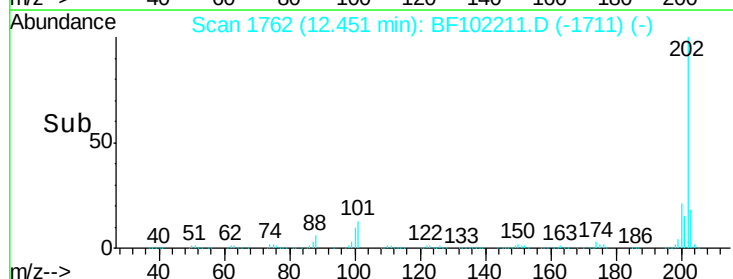
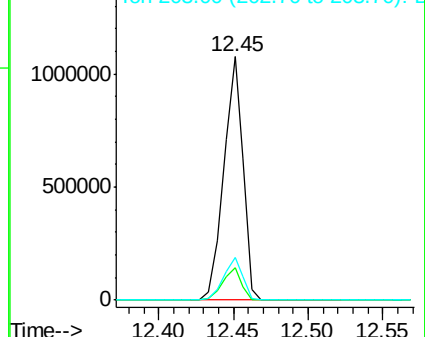
202 100

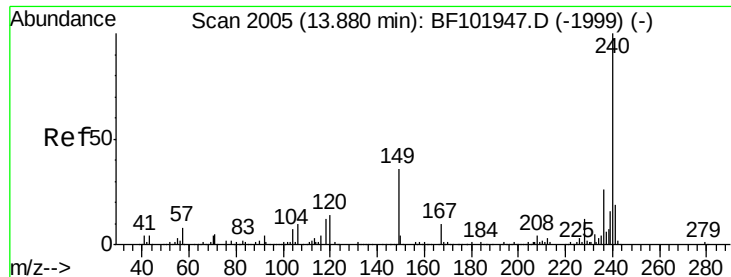
101 13.2 0.0 34.1

203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E  
1500000  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Instrument :

BNA\_F

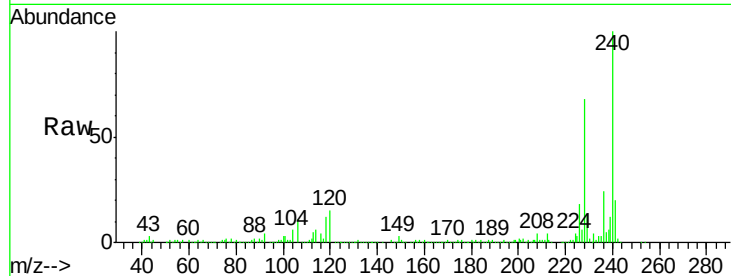
ClientSampleId :

SSTDCCC040

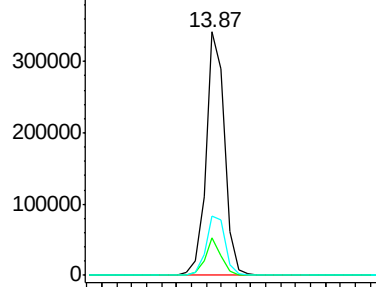
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 15.5  | 9.5   | 14.3# |
| 236     | 24.4  | 20.7  | 31.1  |

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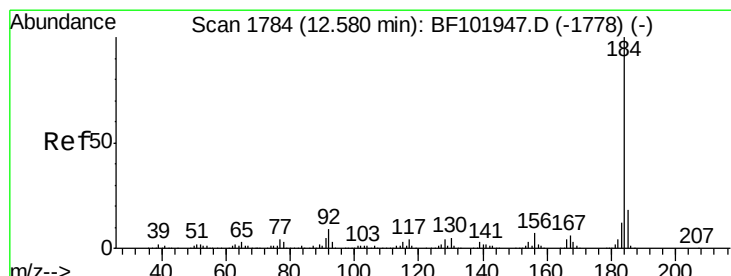
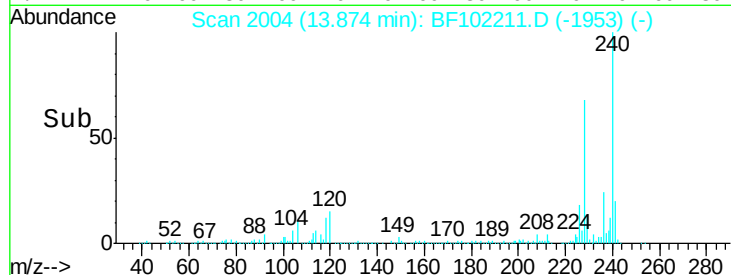
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Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



Time--> 13.80 13.85 13.90 13.95



#76

Benzidine

Concen: 35.953 ng

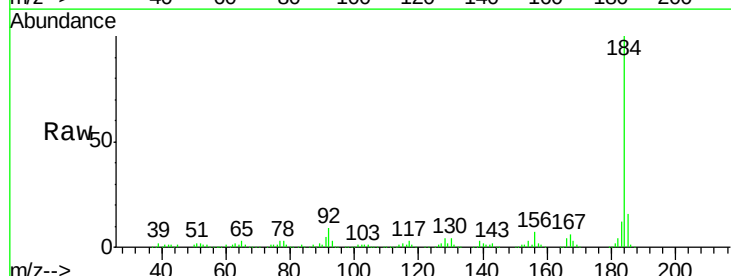
RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

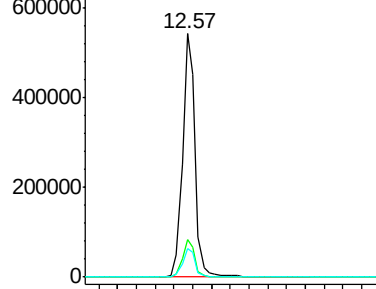
Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

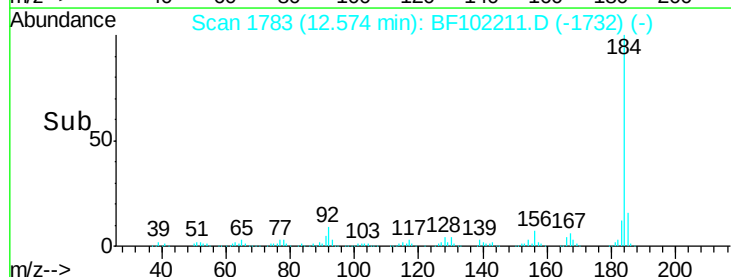
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.5  | 12.6  | 18.8  |
| 183     | 11.8  | 9.3   | 13.9  |

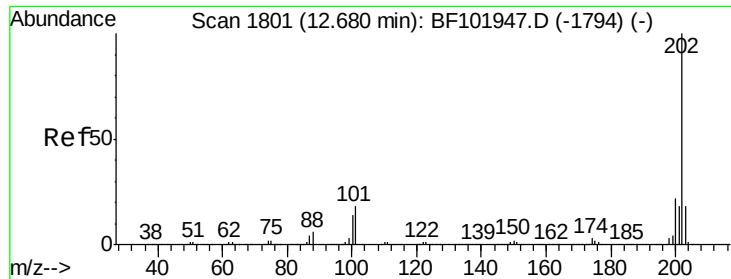


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



Time--> 12.50 12.60 12.70





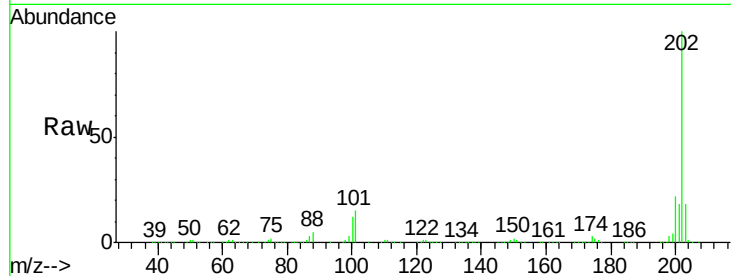
#77  
Pvrene  
Concen: 37.508 ng  
RT: 12.68 min Scan# 1801  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

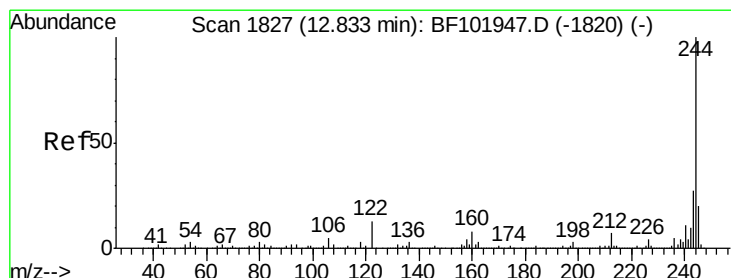
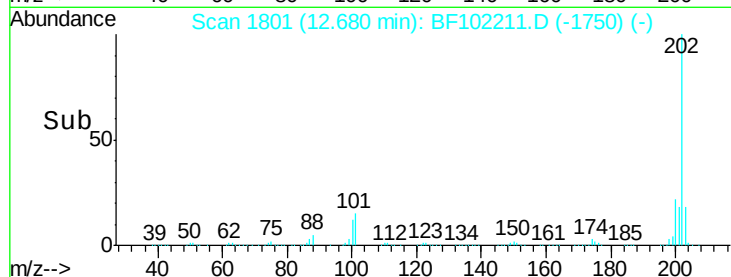
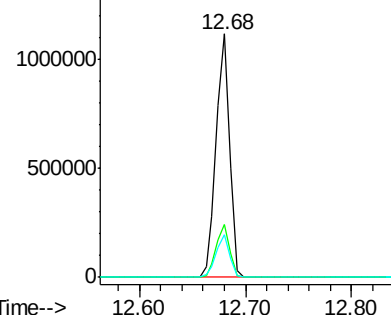
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.8  | 17.4  | 26.2  |
| 203     | 17.6  | 14.3  | 21.5  |

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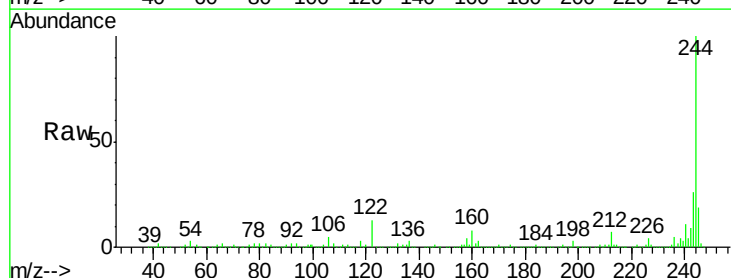


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

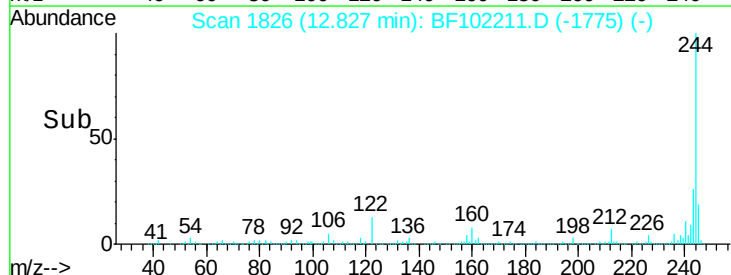
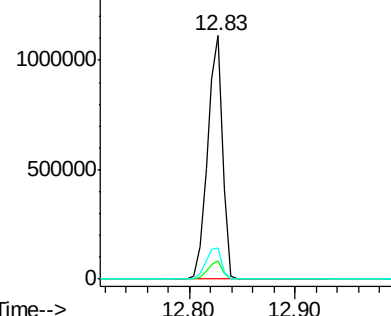


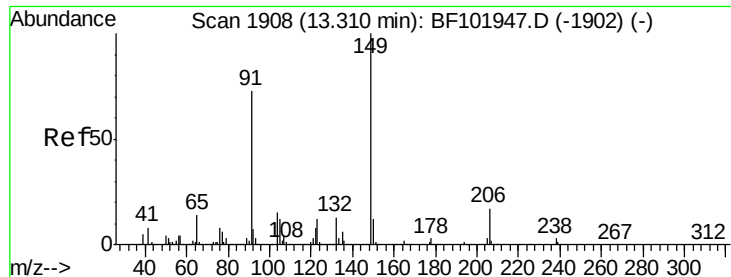
#78  
Terphenyl-d14  
Concen: 77.520 ng  
RT: 12.83 min Scan# 1826  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt 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





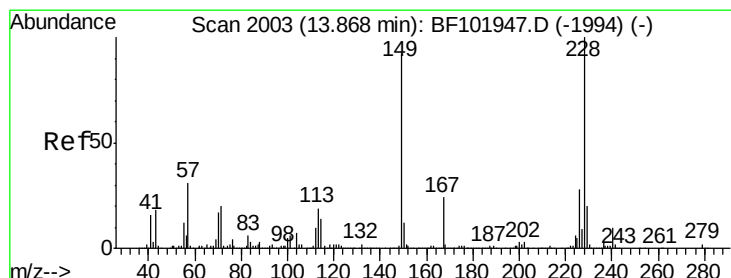
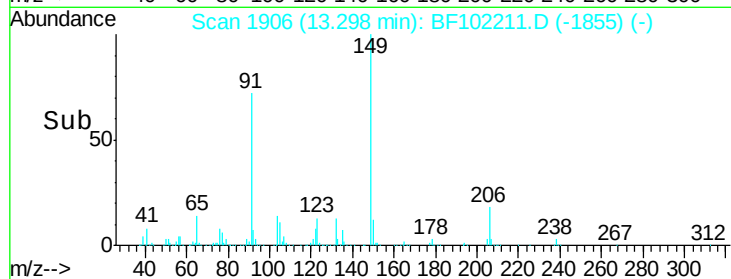
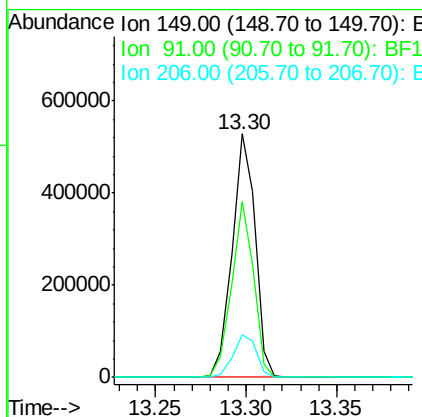
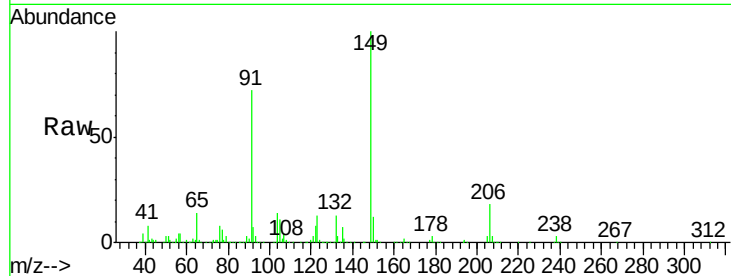
#79  
Butylbenzylphthalate  
Concen: 38.710 ng  
RT: 13.30 min Scan# 1906  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 465569 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 72.1  | 56.8  | 85.2   |
| 206       | 17.5  | 14.1  | 21.1   |

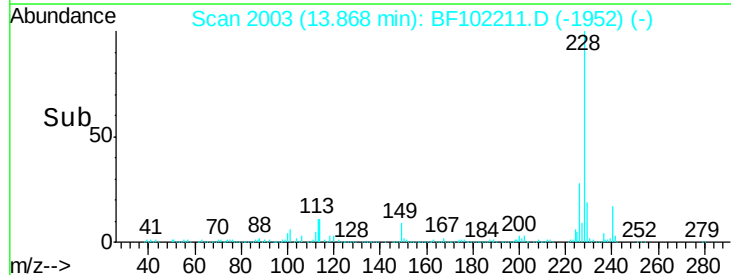
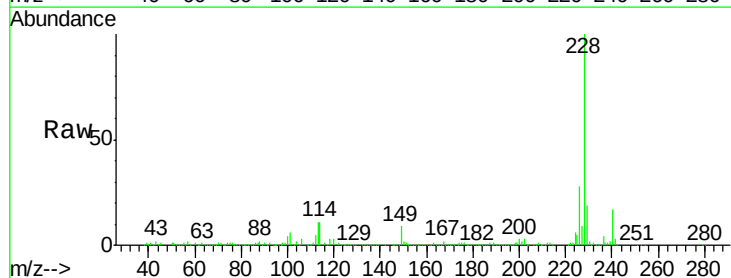
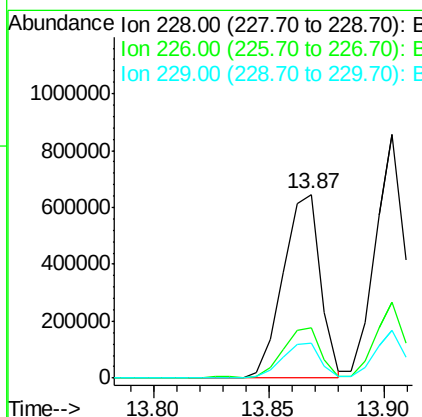
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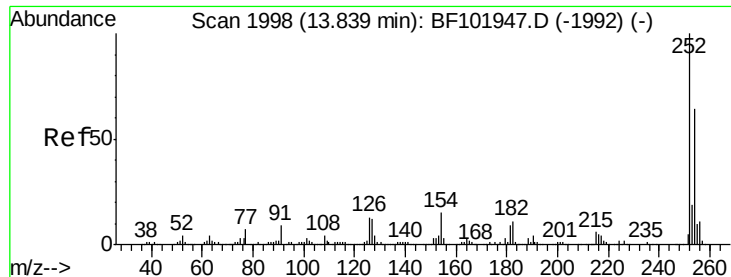
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#80  
Benzo(a)anthracene  
Concen: 38.159 ng  
RT: 13.87 min Scan# 2003  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 721835 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.6  | 22.6  | 33.8   |
| 229       | 19.0  | 15.8  | 23.6   |





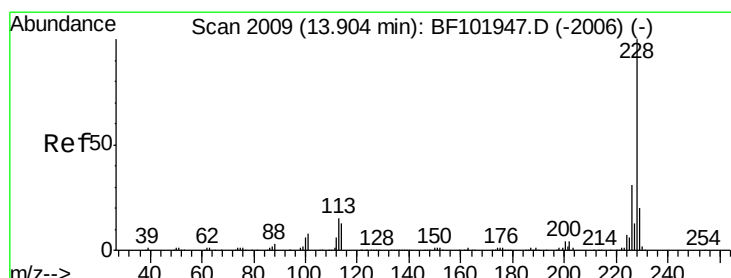
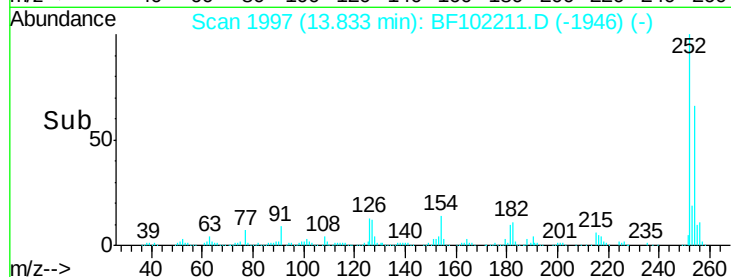
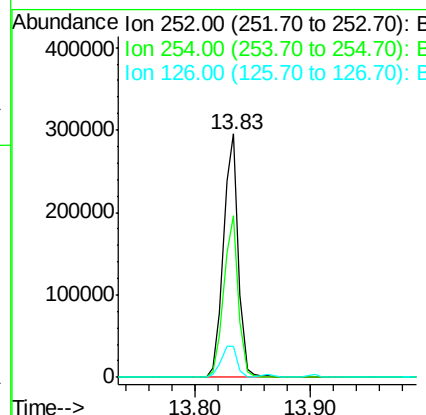
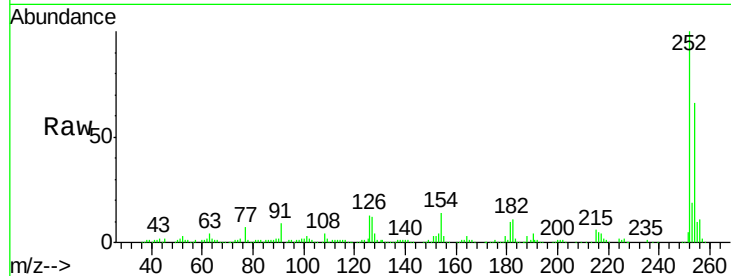
#81  
 3,3'-Dichlorobenzidine  
 Concen: 37.512 ng  
 RT: 13.83 min Scan# 1997  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.3  | 50.4  | 75.6  |
| 126     | 12.8  | 11.3  | 16.9  |

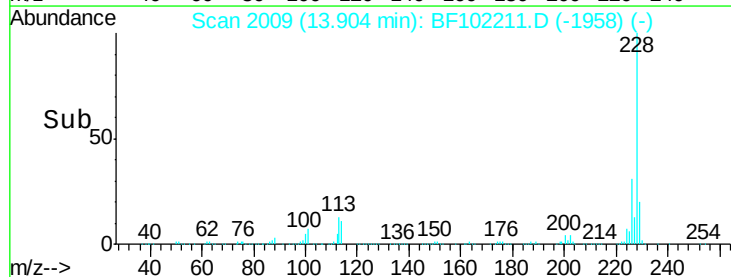
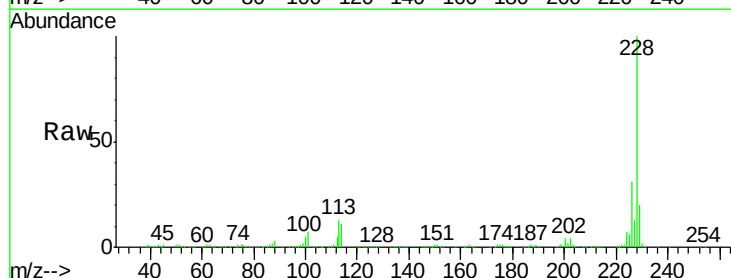
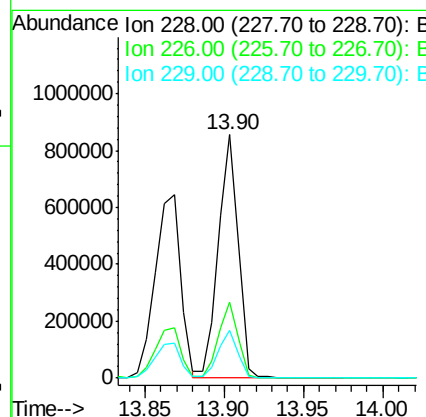
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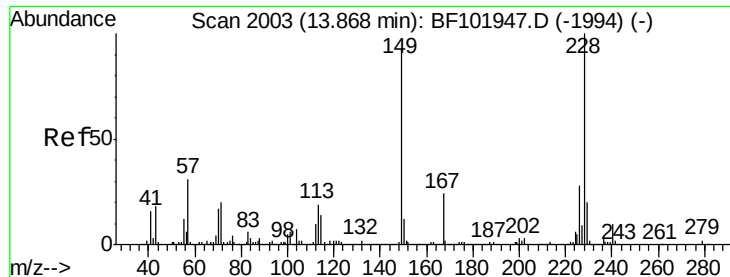
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#82  
 Chrysene  
 Concen: 37.862 ng  
 RT: 13.90 min Scan# 2009  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.3  | 25.0  | 37.6  |
| 229     | 19.7  | 16.2  | 24.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.513 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Instrument :

BNA\_F

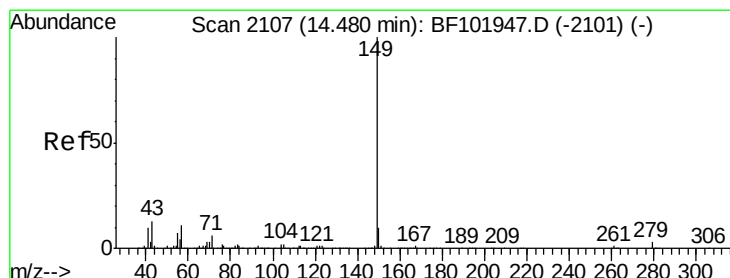
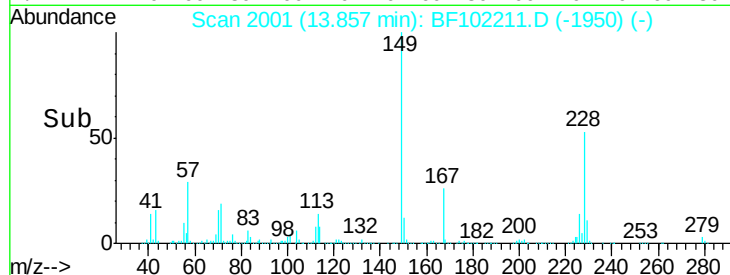
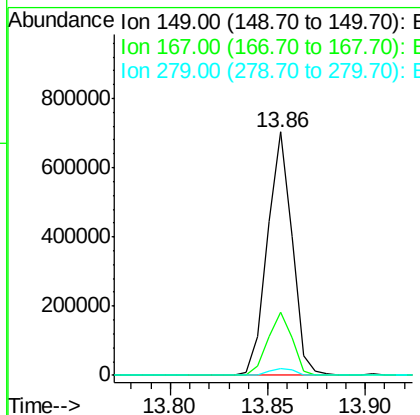
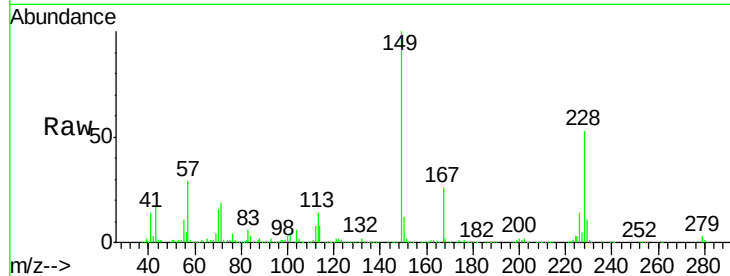
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 614147 |       |       |
| 167     | 26.1  | 21.3   | 31.9  |       |
| 279     | 2.9   | 3.0    | 4.4   |       |

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#84

Di-n-octyl phthalate

Concen: 43.707 ng

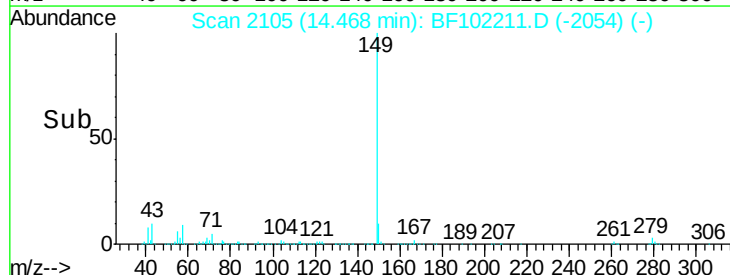
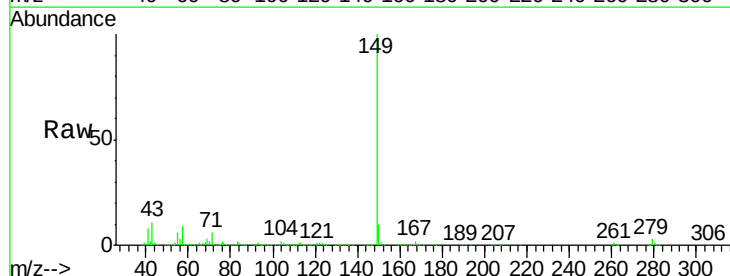
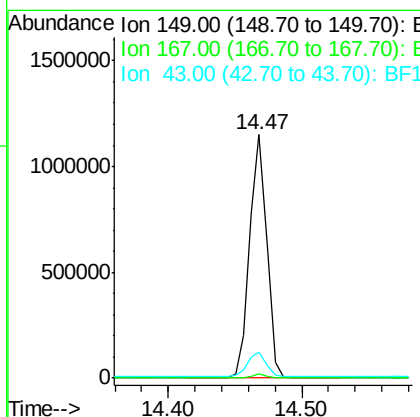
RT: 14.47 min Scan# 2105

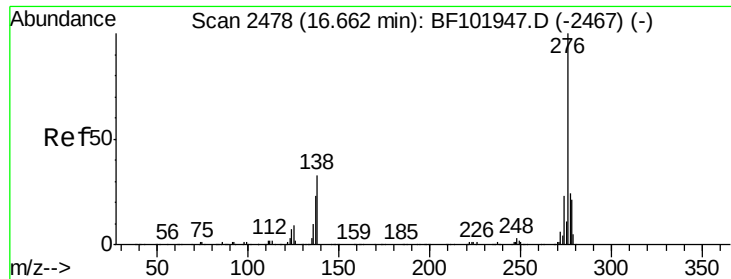
Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1000682 |       |       |
| 167     | 1.6   | 1.2     | 1.8   |       |
| 43      | 10.4  | 8.4     | 12.6  |       |





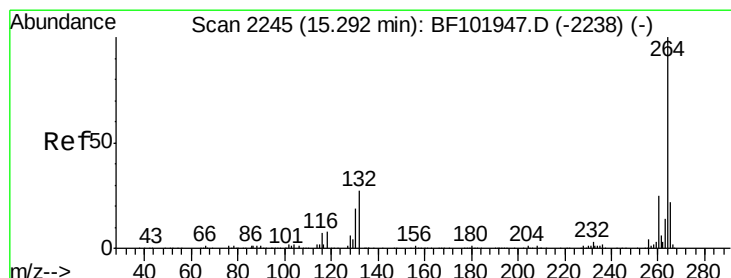
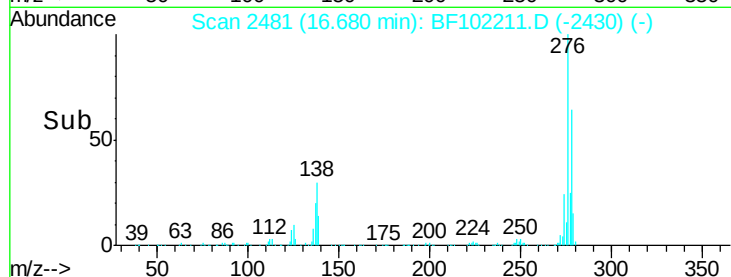
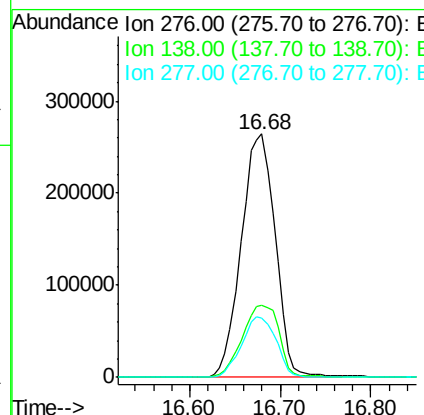
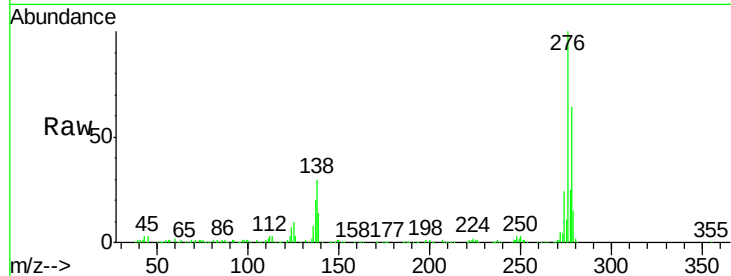
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.004 ng  
 RT: 16.68 min Scan# 2481  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 32.2  | 25.0  | 37.6  |
| 277     | 25.5  | 20.1  | 30.1  |

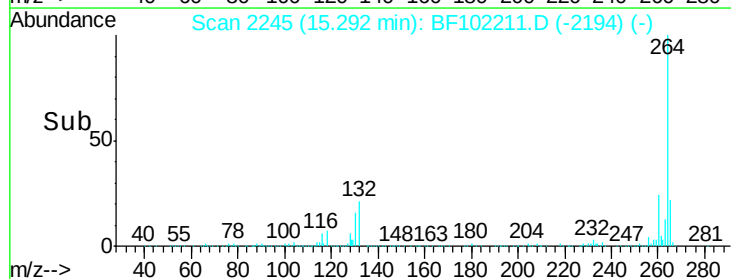
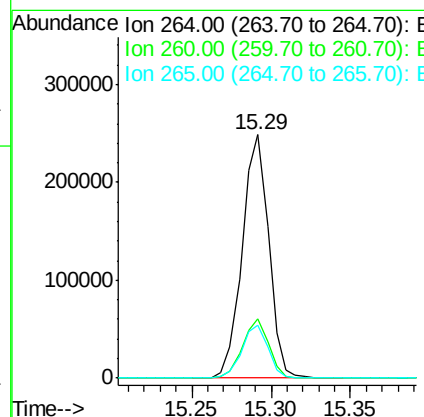
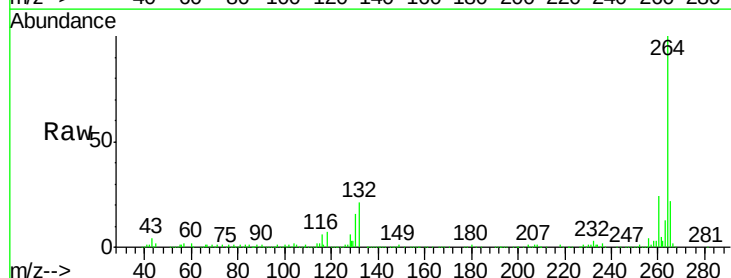
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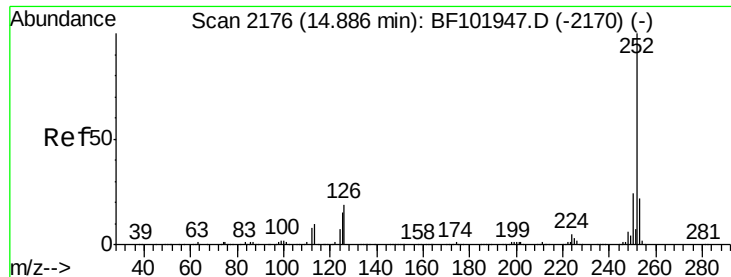
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.29 min Scan# 2245  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 19.2  | 28.8  |
| 265     | 21.6  | 17.5  | 26.3  |





#87

Benzo(b)fluoranthene

Concen: 39.903 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

Instrument :

BNA\_F

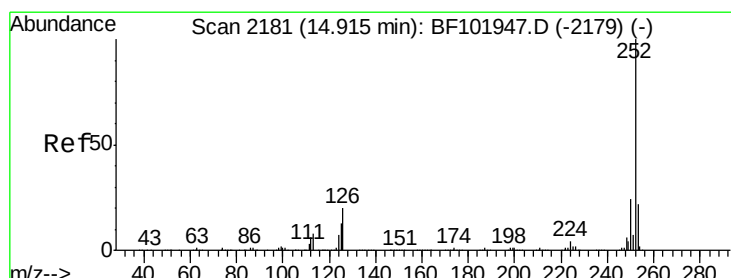
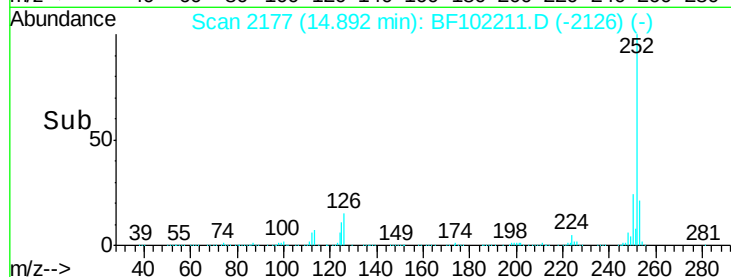
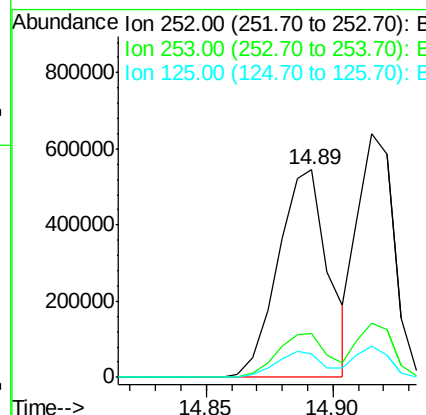
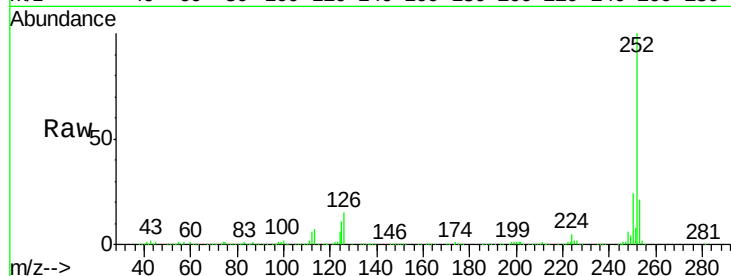
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 752048 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.5  | 17.0  | 25.6   |
| 125       | 11.2  | 9.0   | 13.6   |

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#88

Benzo(k)fluoranthene

Concen: 35.705 ng

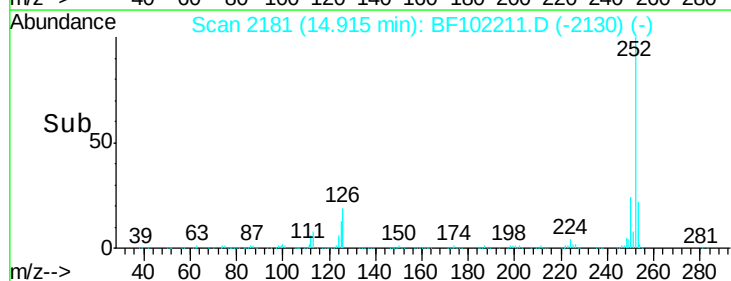
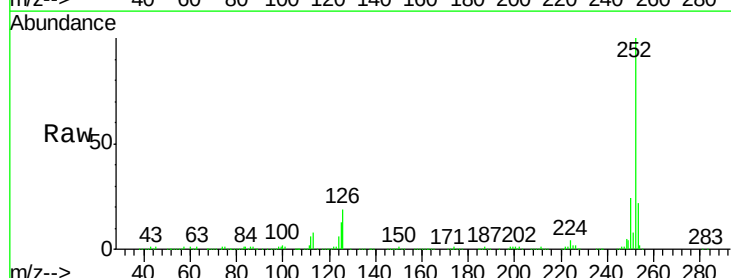
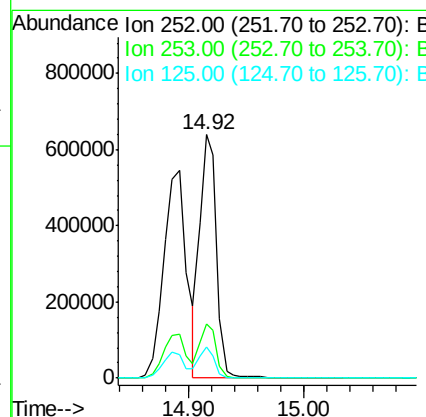
RT: 14.92 min Scan# 2181

Delta R.T. 0.00 min

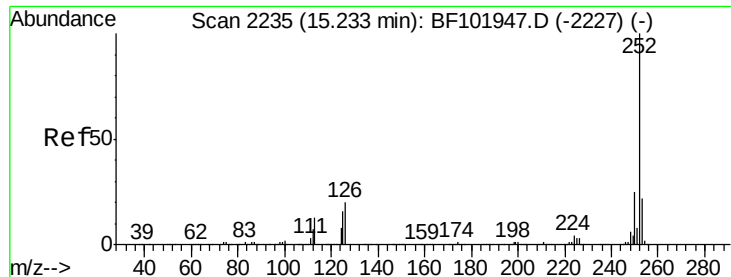
Lab File: BF102211.D

Acq: 19 Jan 2018 9:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 649149 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.2  | 17.9  | 26.9   |
| 125       | 12.7  | 10.2  | 15.2   |







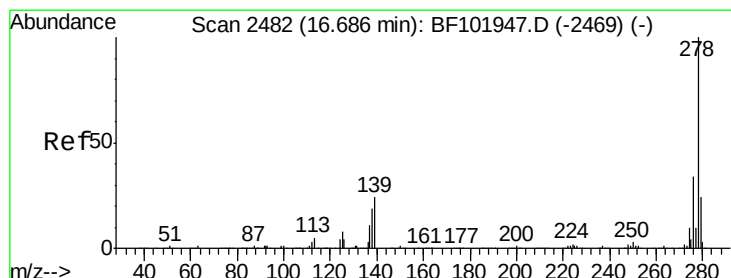
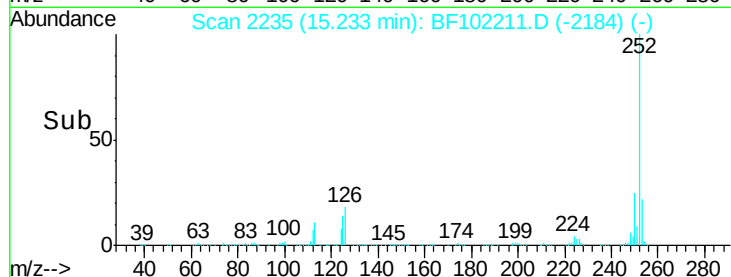
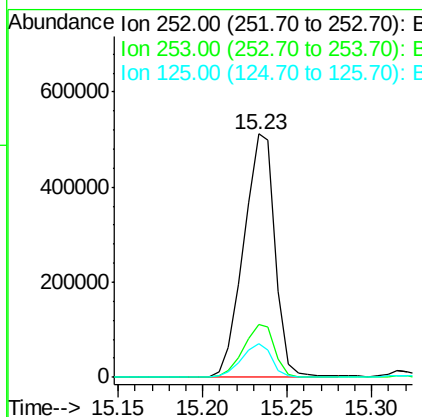
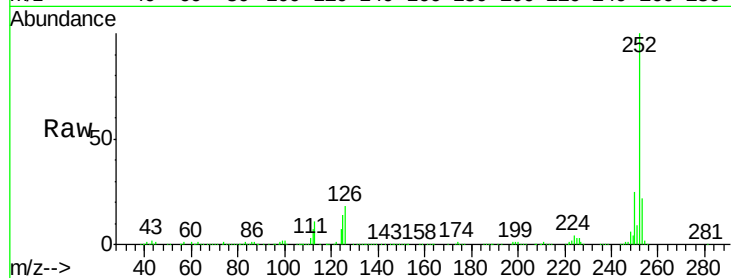
#89  
Benzo(a)pyrene  
Concen: 39.179 ng  
RT: 15.23 min Scan# 2235  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.1  | 25.7  |
| 125     | 13.8  | 9.8   | 14.6  |

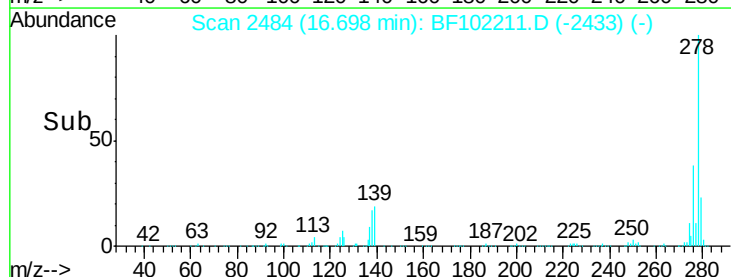
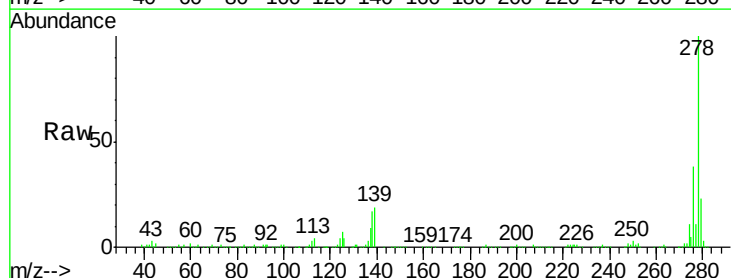
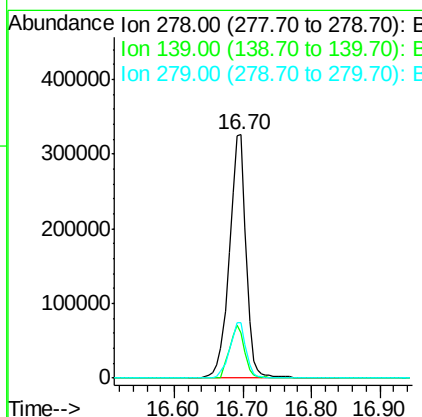
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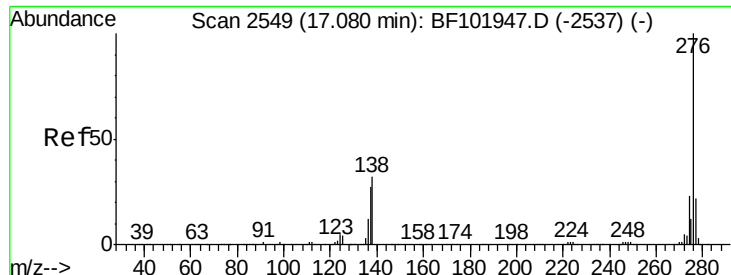
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#90  
Dibenzo(a,h)anthracene  
Concen: 41.119 ng  
RT: 16.70 min Scan# 2484  
Delta R.T. 0.00 min  
Lab File: BF102211.D  
Acq: 19 Jan 2018 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.8  | 15.9  | 23.9  |
| 279     | 23.0  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 41.165 ng  
 RT: 17.10 min Scan# 2552  
 Delta R.T. 0.00 min  
 Lab File: BF102211.D  
 Acq: 19 Jan 2018 9:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 561220 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.1 | 17.9  | 26.9   |
| 138       | 28.2 | 21.8  | 32.8   |

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