

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\  
 Data File : BF103184.D  
 Acq On : 23 Feb 2018 8:27  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 2/26/2018 9:54:26 AM

Quant Time: Feb 23 10:32:08 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 02:43:46 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.87  | 152  | 158294   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.16  | 136  | 689855   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.92  | 164  | 319095   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.40 | 188  | 540716   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.05 | 240  | 391319   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.54 | 264  | 399362   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.49  | 112 | 827384  | 79.05 | ng | 0.00 |
| 7) Phenol-d6             | 6.50  | 99  | 1007981 | 78.71 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.44  | 82  | 942832  | 78.05 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.71 | 330 | 209474  | 77.56 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.23  | 172 | 1408537 | 73.64 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.99 | 244 | 1177239 | 72.32 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.63 | 88  | 221791  | 40.122 | ng | 93     |
| 3) Pyridine                    | 3.42 | 79  | 632728  | 42.874 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.37 | 42  | 243355  | 40.888 | ng | 99     |
| 6) Aniline                     | 6.54 | 93  | 750431  | 40.601 | ng | 96     |
| 8) 2-Chlorophenol              | 6.66 | 128 | 433394  | 39.861 | ng | 93     |
| 9) Benzaldehyde                | 6.43 | 77  | 311811  | 40.079 | ng | 98     |
| 10) Phenol                     | 6.52 | 94  | 597192  | 40.168 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.61 | 93  | 459981  | 40.764 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.82 | 146 | 487059  | 39.200 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.89 | 146 | 489765  | 39.316 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.05 | 146 | 443991  | 38.653 | ng | 98     |
| 15) Benzyl Alcohol             | 7.02 | 79  | 387727  | 40.176 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 7.15 | 45  | 778771  | 40.190 | ng | 99     |
| 17) 2-Methylphenol             | 7.13 | 107 | 400750  | 40.559 | ng | 98     |
| 18) Hexachloroethane           | 7.38 | 117 | 176883  | 39.005 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70  | 311317  | 39.058 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.28 | 107 | 450258  | 37.383 | ng | # 74   |
| 22) Acetophenone               | 7.29 | 105 | 605702  | 37.616 | ng | # 92   |
| 24) Nitrobenzene               | 7.46 | 77  | 521197  | 39.188 | ng | 96     |
| 25) Isophorone                 | 7.70 | 82  | 921623  | 38.738 | ng | 99     |
| 26) 2-Nitrophenol              | 7.77 | 139 | 255118  | 40.747 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.81 | 122 | 362456  | 37.873 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93  | 542486  | 38.783 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.02 | 162 | 359365  | 39.221 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.10 | 180 | 376345  | 38.571 | ng | 99     |
| 31) Naphthalene                | 8.18 | 128 | 1293755 | 38.306 | ng | 99     |
| 32) Benzoic acid               | 7.95 | 122 | 319502m | 45.432 | ng |        |
| 33) 4-Chloroaniline            | 8.23 | 127 | 580251  | 39.813 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.29 | 225 | 193092  | 38.003 | ng | 98     |
| 35) Caprolactam                | 8.61 | 113 | 137281  | 42.631 | ng | # 84   |
| 36) 4-Chloro-3-methylphenol    | 8.71 | 107 | 408303  | 39.508 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.87 | 142 | 831588  | 38.098 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 329535  | 37.776 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.02 | 237 | 98985   | 37.500 | ng | 98     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\  
 Data File : BF103184.D  
 Acq On : 23 Feb 2018 8:27  
 Operator : SJ/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDC0040

Manual Integrations  
 APPROVED

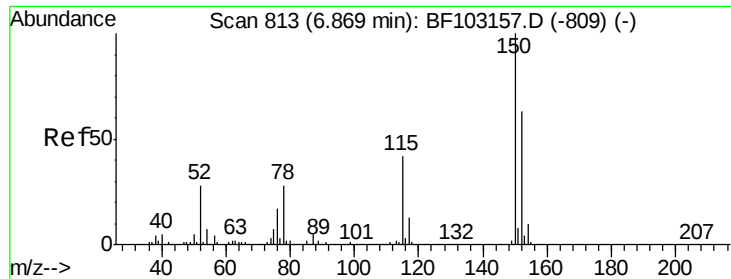
Sohil  
 2/26/2018 9:54:26 AM

Quant Time: Feb 23 10:32:08 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 02:43:46 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.15  | 196  | 232483   | 39.607 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.19  | 196  | 262544   | 38.889 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 9.33  | 154  | 990831   | 37.056 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.36  | 162  | 798626   | 37.753 | ng    | 99       |
| 47) 2-Nitroaniline             | 9.46  | 65   | 314900   | 40.188 | ng    | 86       |
| 48) Acenaphthylene             | 9.78  | 152  | 1234988  | 37.944 | ng    | 98       |
| 49) Dimethylphthalate          | 9.63  | 163  | 972414   | 37.987 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.70  | 165  | 212849   | 39.623 | ng    | 94       |
| 51) Acenaphthene               | 9.95  | 154  | 698586   | 36.809 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.87  | 138  | 267903   | 39.308 | ng    | 96       |
| 53) 2,4-Dinitrophenol          | 9.98  | 184  | 76839    | 44.458 | ng #  | 17       |
| 54) Dibenzofuran               | 10.12 | 168  | 1013156  | 38.888 | ng    | 97       |
| 55) 4-Nitrophenol              | 10.03 | 139  | 167312   | 39.610 | ng    | 92       |
| 56) 2,4-Dinitrotoluene         | 10.11 | 165  | 268449   | 39.513 | ng    | 95       |
| 57) Fluorene                   | 10.46 | 166  | 799136   | 36.007 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.24 | 232  | 177590   | 39.158 | ng    | 97       |
| 59) Diethylphthalate           | 10.33 | 149  | 912064   | 37.253 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.45 | 204  | 348479   | 37.027 | ng    | 100      |
| 61) 4-Nitroaniline             | 10.49 | 138  | 269786   | 39.631 | ng    | 91       |
| 62) Azobenzene                 | 10.62 | 77   | 936250   | 37.569 | ng    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.52 | 198  | 134965   | 41.741 | ng    | 96       |
| 65) n-Nitrosodiphenylamine     | 10.57 | 169  | 717282   | 38.099 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.95 | 248  | 217883   | 38.682 | ng    | 93       |
| 67) Hexachlorobenzene          | 11.02 | 284  | 234112   | 38.293 | ng    | 94       |
| 68) Atrazine                   | 11.10 | 200  | 219999   | 38.877 | ng    | 97       |
| 69) Pentachlorophenol          | 11.21 | 266  | 127332   | 43.075 | ng    | 99       |
| 70) Phenanthrene               | 11.43 | 178  | 1128420  | 37.921 | ng    | 99       |
| 71) Anthracene                 | 11.48 | 178  | 1146236  | 37.564 | ng    | 100      |
| 72) Carbazole                  | 11.64 | 167  | 1135734  | 37.376 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.96 | 149  | 1417647  | 37.284 | ng    | 99       |
| 74) Fluoranthene               | 12.62 | 202  | 1125585  | 37.641 | ng    | 98       |
| 76) Benzidine                  | 12.74 | 184  | 552882   | 37.792 | ng    | 100      |
| 77) Pyrene                     | 12.85 | 202  | 1164515  | 38.169 | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.46 | 149  | 611601   | 37.942 | ng    | 97       |
| 80) Benzo(a)anthracene         | 14.04 | 228  | 988259   | 38.923 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 354685   | 39.143 | ng    | 98       |
| 82) Chrysene                   | 14.08 | 228  | 942227   | 38.219 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149  | 810587   | 37.264 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 14.63 | 149  | 1360584  | 38.713 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.07 | 276  | 866050   | 44.373 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 15.11 | 252  | 1027635  | 39.137 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 15.14 | 252  | 877760   | 35.500 | ng    | 99       |
| 89) Benzo(a)pyrene             | 15.49 | 252  | 899892   | 38.378 | ng    | 96       |
| 90) Dibenzo(a,h)anthracene     | 17.08 | 278  | 696680   | 38.451 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.53 | 276  | 730184   | 41.234 | ng    | 98       |

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





#1

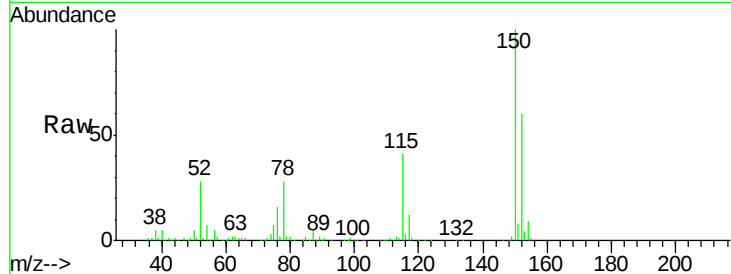
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.87 min Scan# 813  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

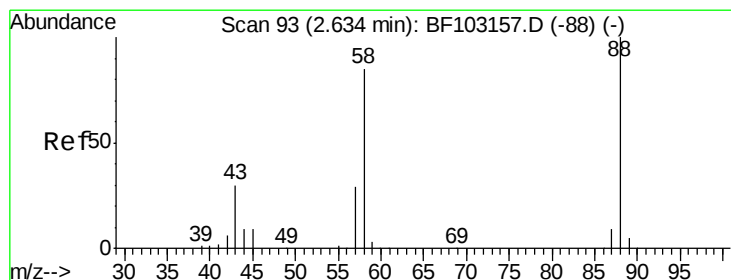
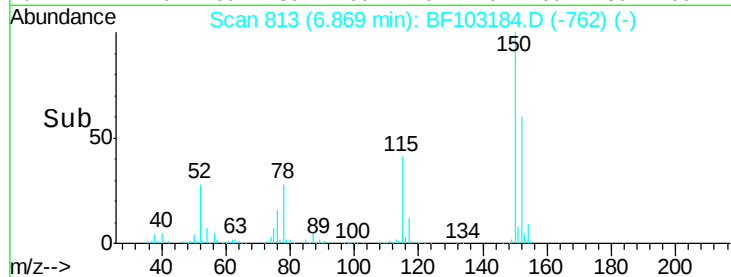
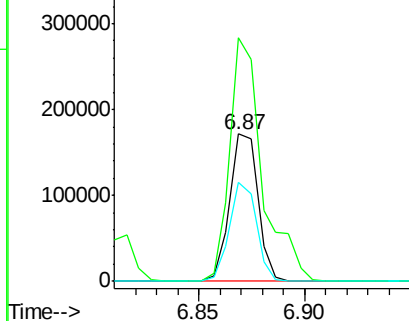
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 165.6 | 124.6 | 186.8 |
| 115     | 67.6  | 50.1  | 75.1  |

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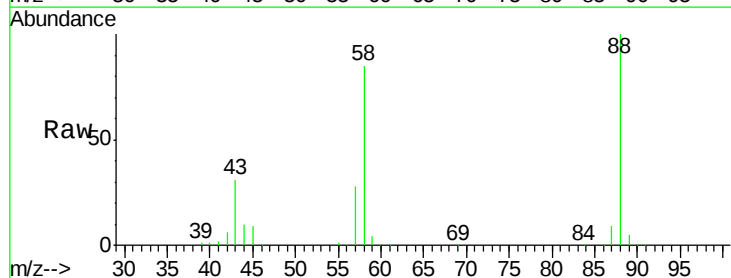
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



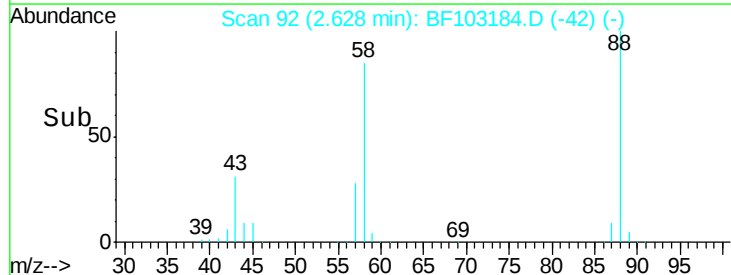
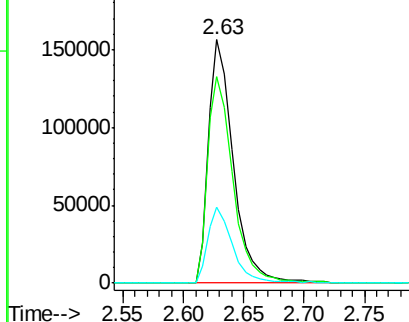
#2

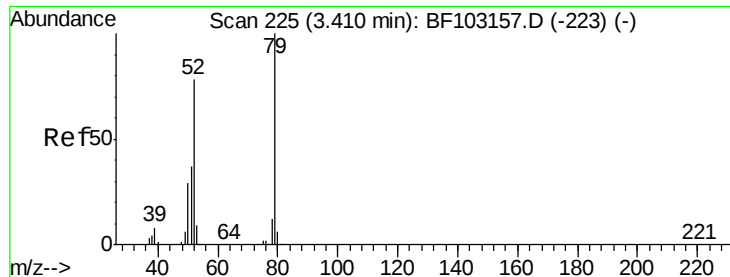
1,4-Dioxane  
Concen: 40.122 ng  
RT: 2.63 min Scan# 92  
Delta R.T. -0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 86.5  | 62.6  | 93.8  |
| 43      | 31.2  | 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: 42.874 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA\_F

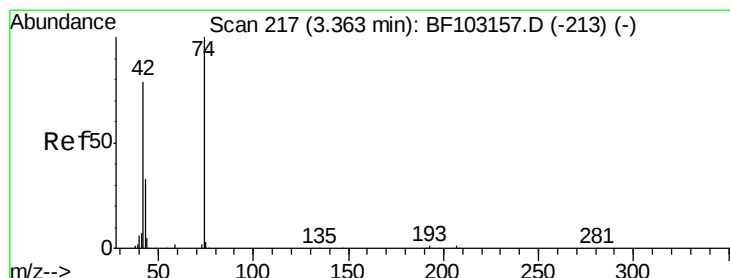
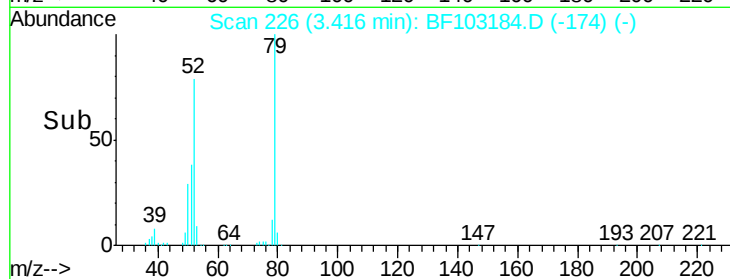
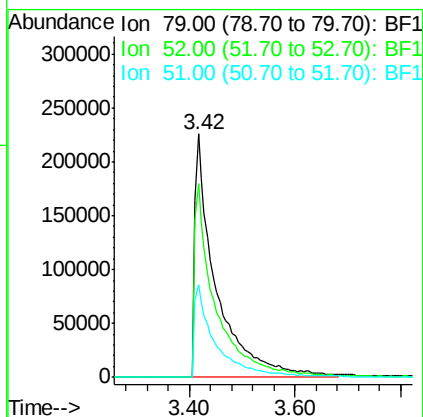
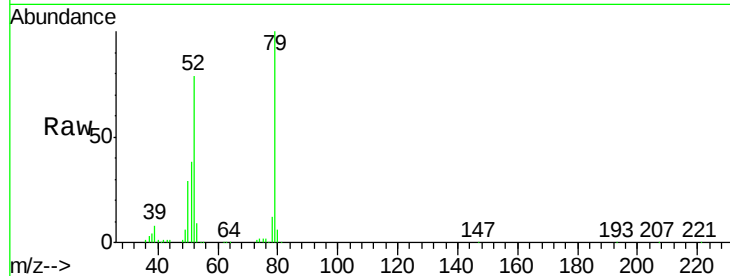
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 632728 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 79.3  | 59.8  | 89.6   |
| 51        | 38.2  | 29.8  | 44.8   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 40.888 ng

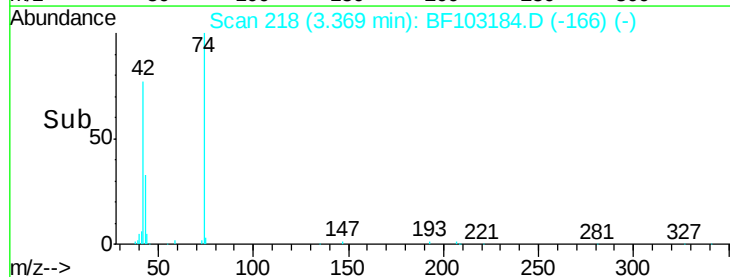
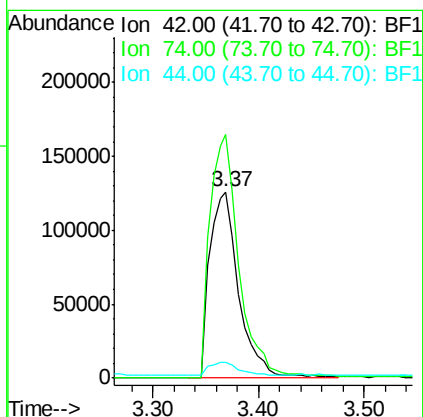
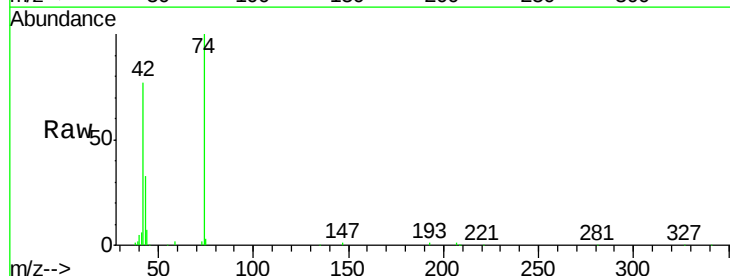
RT: 3.37 min Scan# 218

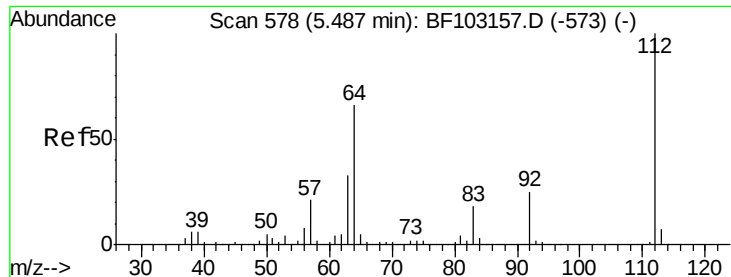
Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 243355 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 130.5 | 104.9 | 157.3  |
| 44        | 8.8   | 6.9   | 10.3   |





#5

2-Fluorophenol

Concen: 79.053 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA\_F

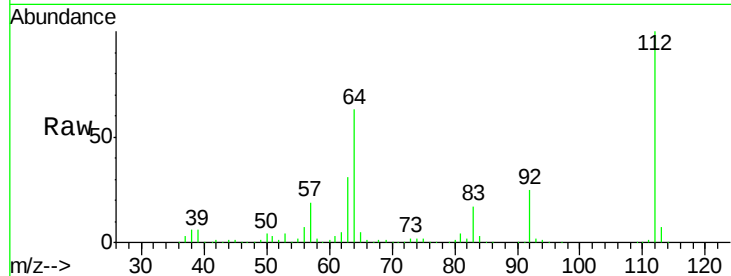
ClientSampleId :

SSTDCCC040

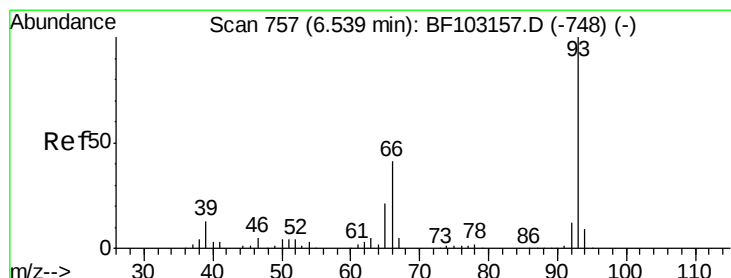
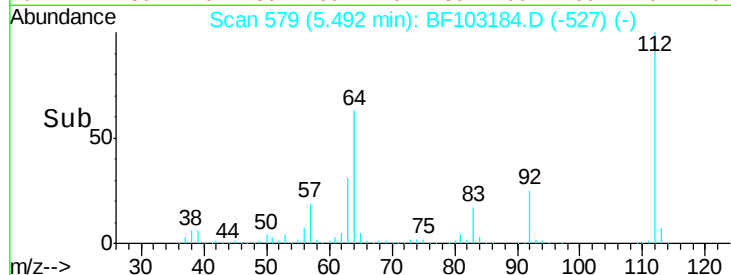
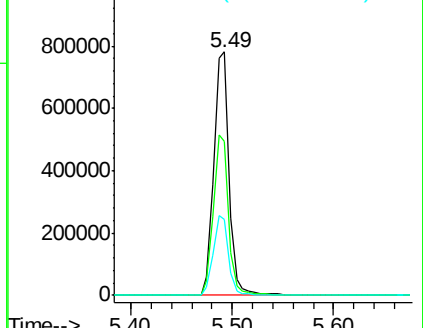
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 827384 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 63.1  | 47.9  | 71.9   |
| 63        | 31.3  | 23.7  | 35.5   |

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



#6

Aniline

Concen: 40.601 ng

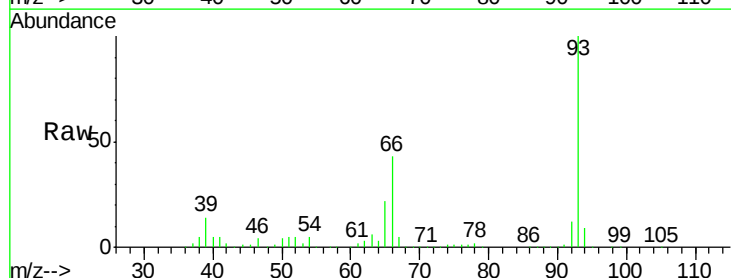
RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

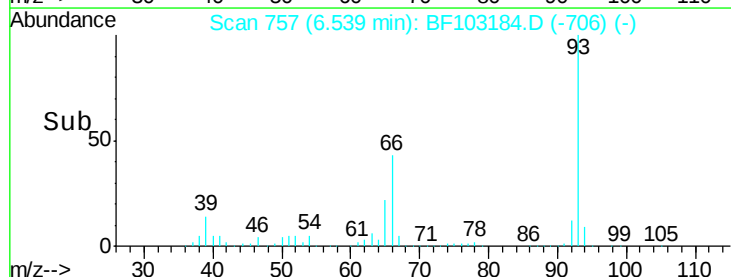
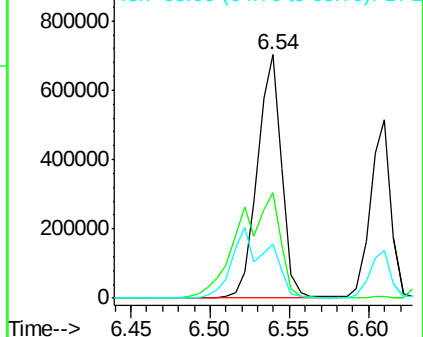
Lab File: BF103184.D

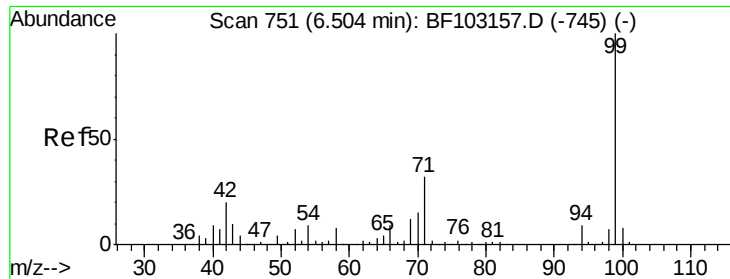
Acq: 23 Feb 2018 8:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 750431 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 43.1  | 32.2  | 48.2   |
| 65        | 22.3  | 16.4  | 24.6   |



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





#7

Phenol-d6

Concen: 78.706 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1007981

Ion Ratio Lower Upper

99 100

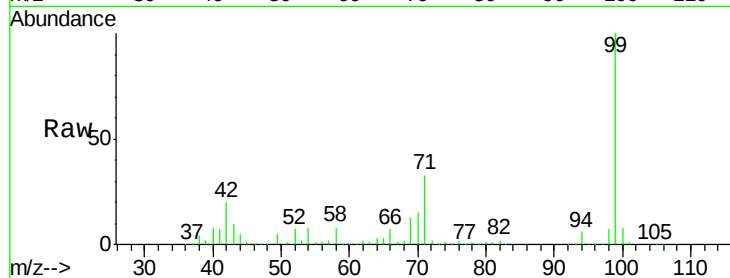
42 20.3 14.5 21.7

71 32.5 25.4 38.0

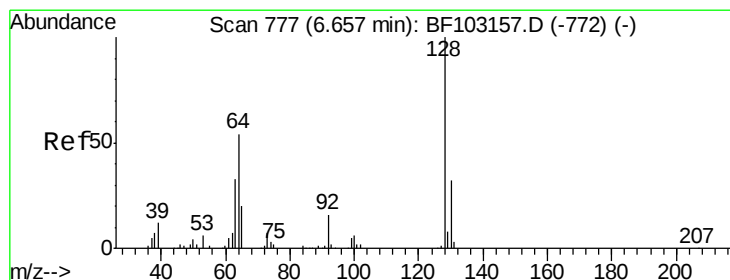
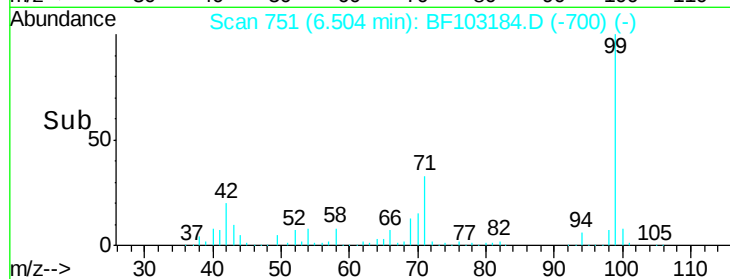
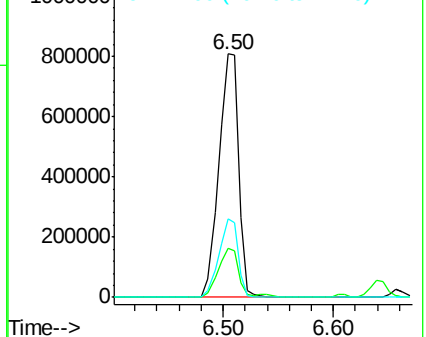
Manual Integrations  
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Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.861 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

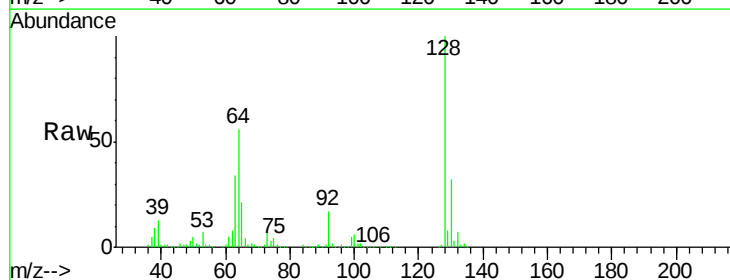
Tgt Ion: 128 Resp: 433394

Ion Ratio Lower Upper

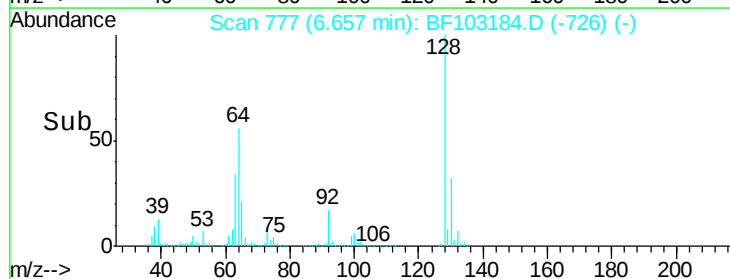
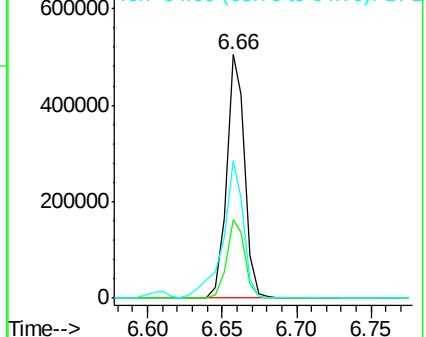
128 100

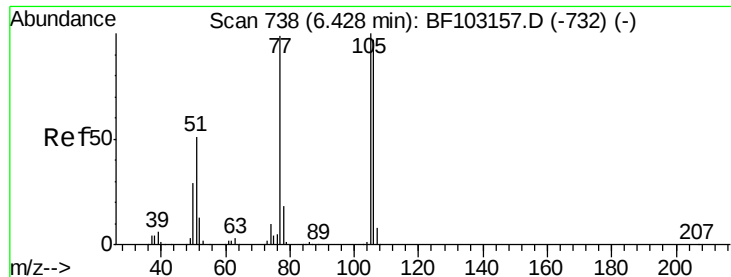
130 32.1 13.0 53.0

64 56.5 29.4 69.4



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





#9

Benzaldehyde

Concen: 40.079 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA\_F

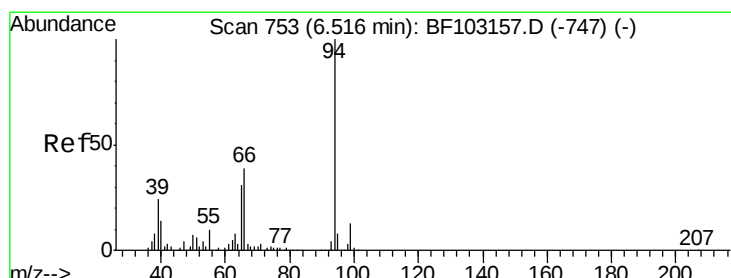
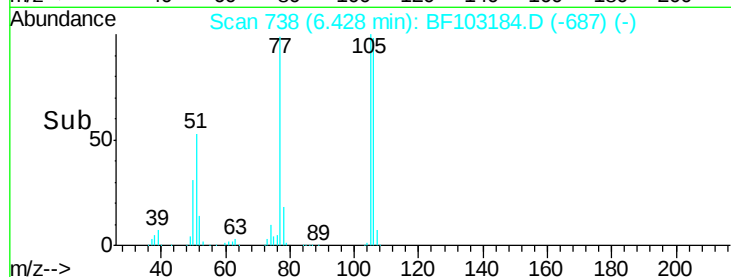
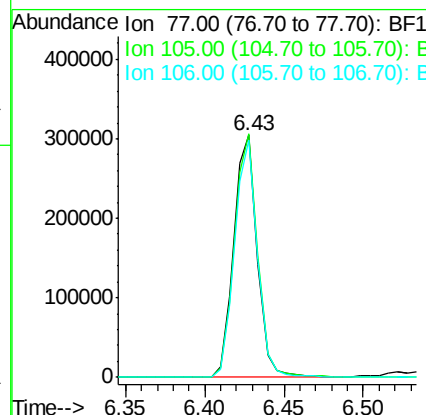
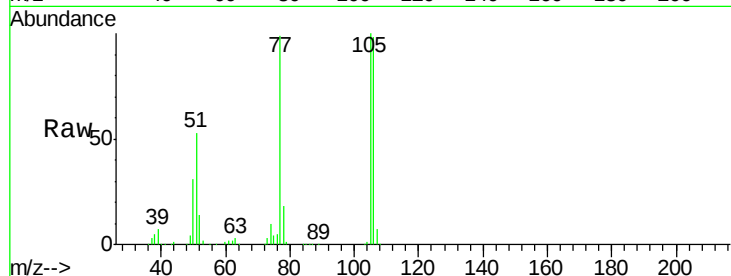
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 100.7 | 81.1  | 121.1 |
| 106     | 98.3  | 74.5  | 114.5 |

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#10

Phenol

Concen: 40.168 ng

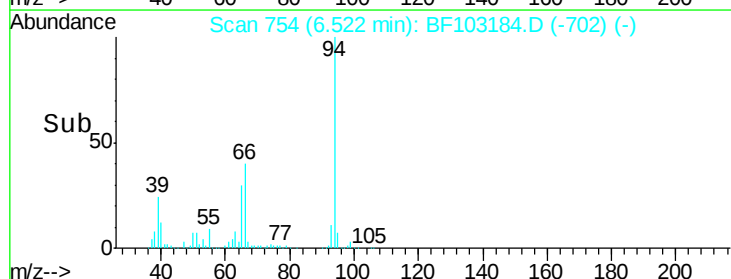
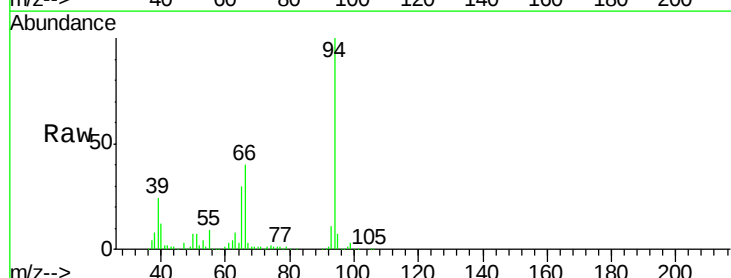
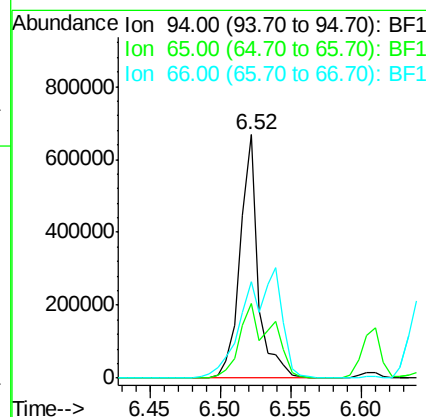
RT: 6.52 min Scan# 754

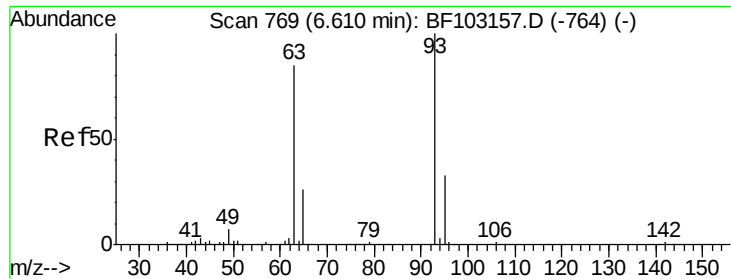
Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 30.5  | 7.9   | 47.9  |
| 66      | 39.7  | 16.2  | 56.2  |





#11

bis(2-Chloroethyl)ether

Concen: 40.764 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA\_F

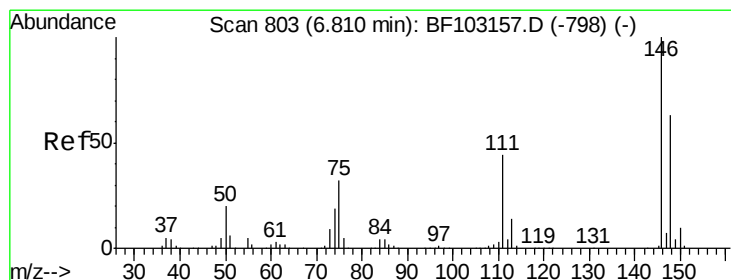
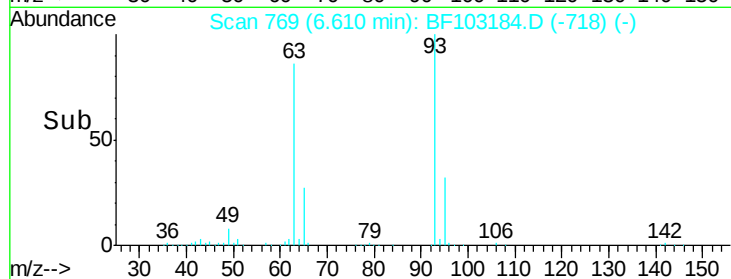
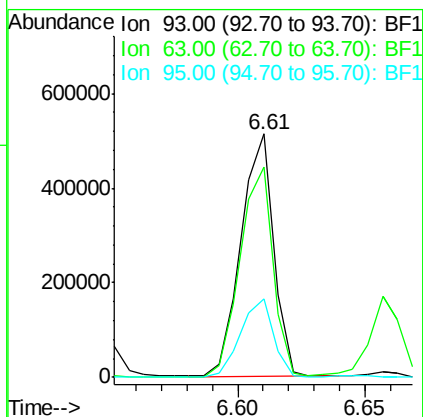
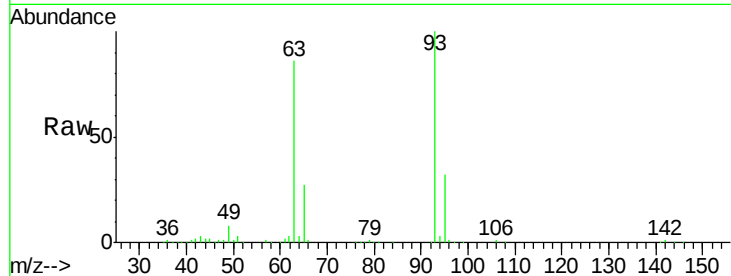
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 459981 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 86.2  | 58.6  | 98.6   |
| 95       | 32.2  | 11.8  | 51.8   |

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#12

1,3-Dichlorobenzene

Concen: 39.200 ng

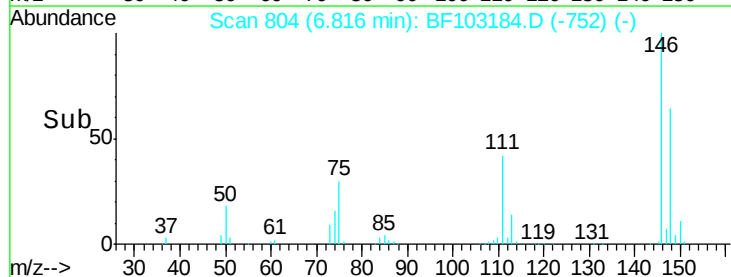
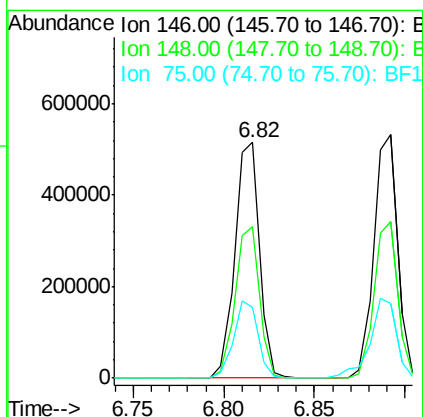
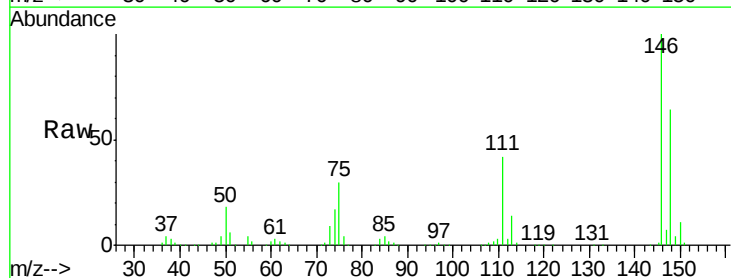
RT: 6.82 min Scan# 804

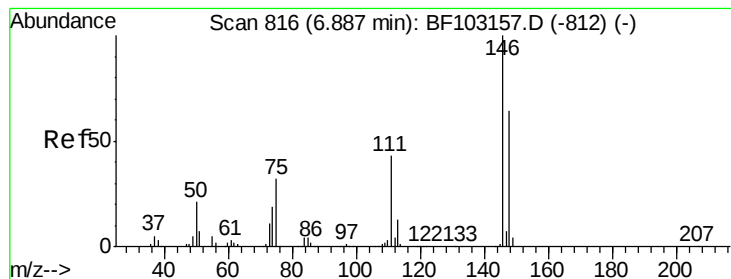
Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 487059 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.2  | 51.8  | 77.8   |
| 75       | 29.9  | 24.2  | 36.4   |





#13

1,4-Dichlorobenzene

Concen: 39.316 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA\_F

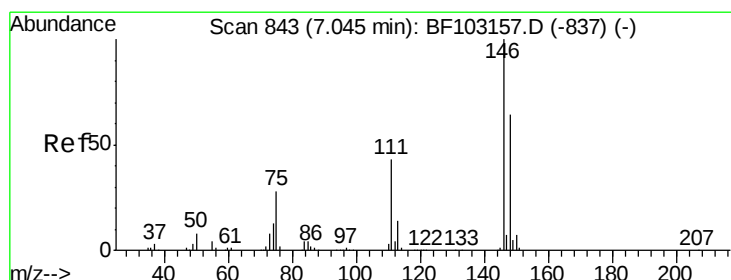
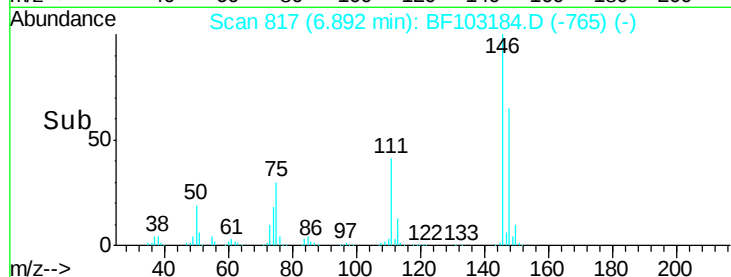
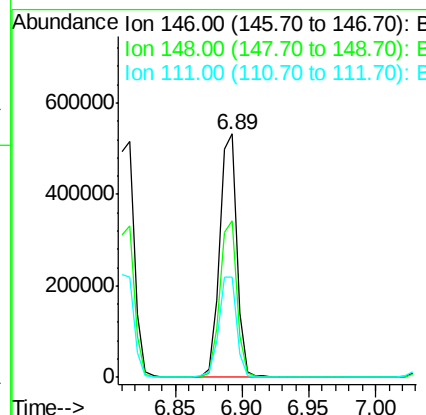
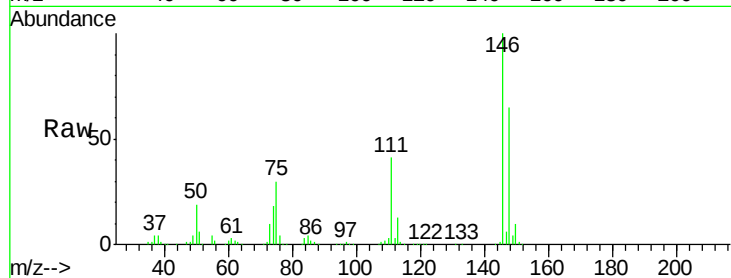
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 146  | Resp: | 489765 |
| Ion Ratio |      | Lower | Upper  |
| 146       | 100  |       |        |
| 148       | 64.5 | 50.8  | 76.2   |
| 111       | 41.2 | 34.2  | 51.2   |

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#14

1,2-Dichlorobenzene

Concen: 38.653 ng

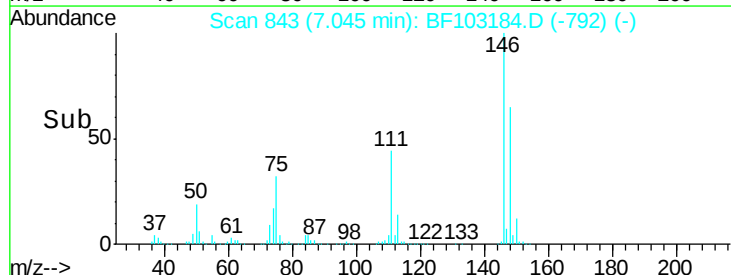
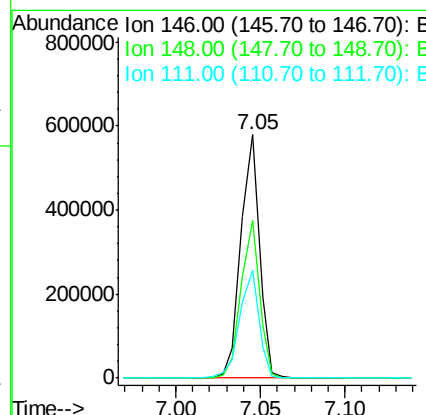
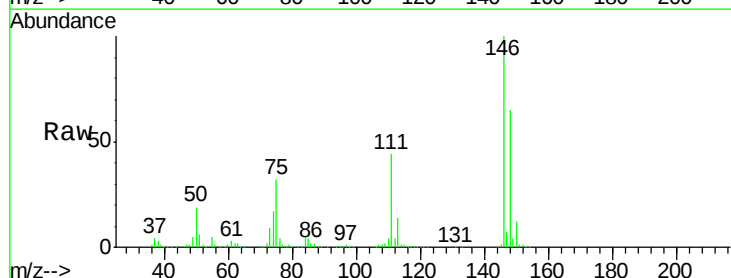
RT: 7.05 min Scan# 843

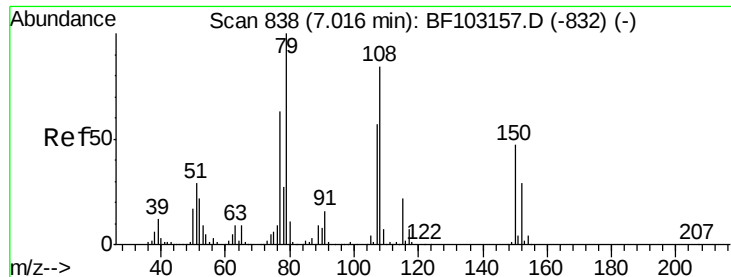
Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 146  | Resp: | 443991 |
| Ion Ratio |      | Lower | Upper  |
| 146       | 100  |       |        |
| 148       | 64.8 | 50.6  | 75.8   |
| 111       | 44.2 | 36.0  | 54.0   |





#15

Benzyl Alcohol

Concen: 40.176 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA\_F

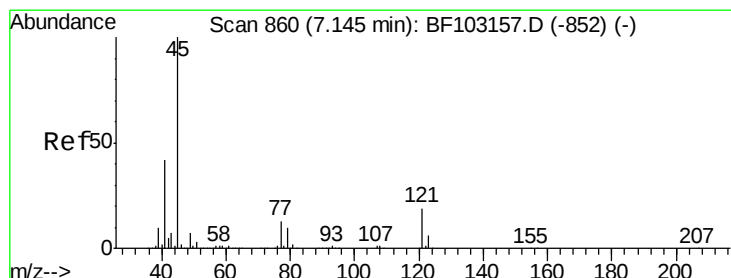
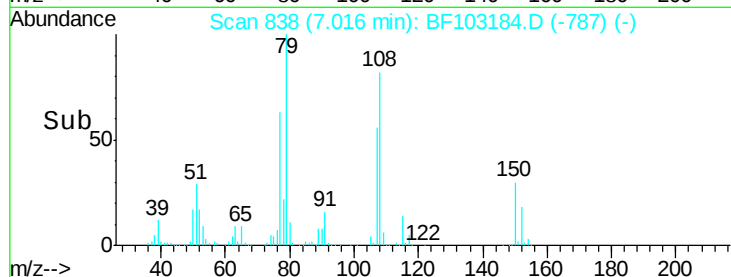
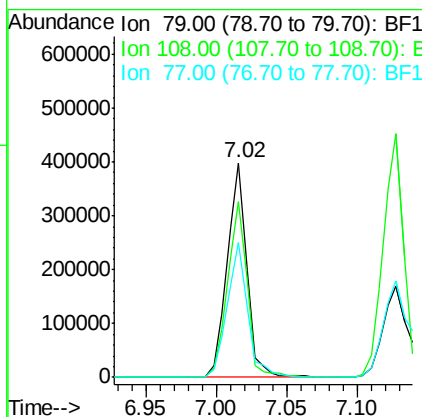
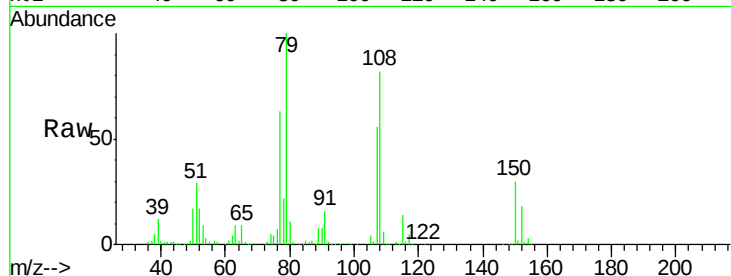
ClientSampled :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 387727 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 82.0  | 65.1  | 97.7   |
| 77        | 63.0  | 50.6  | 75.8   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.190 ng

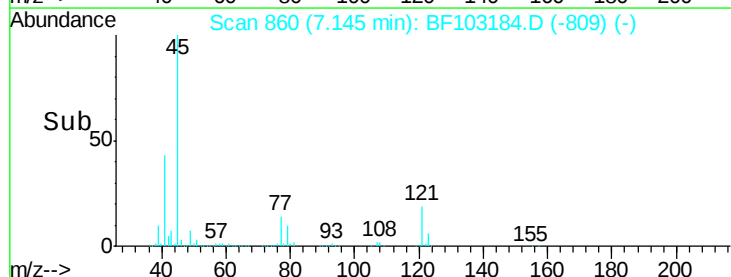
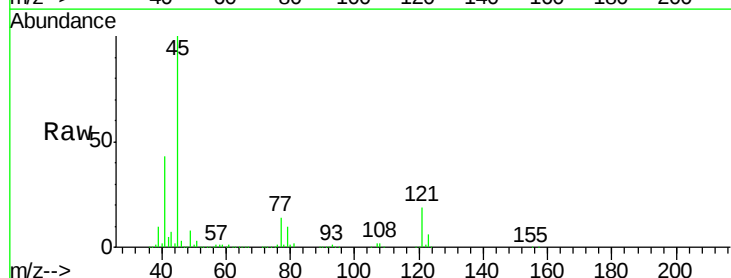
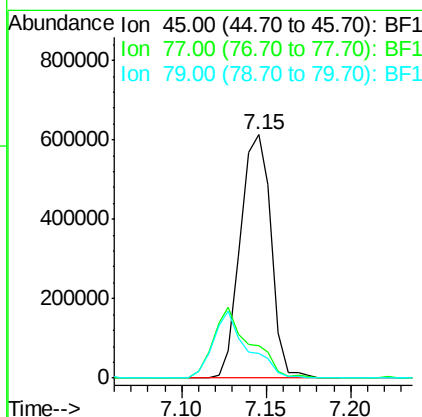
RT: 7.15 min Scan# 860

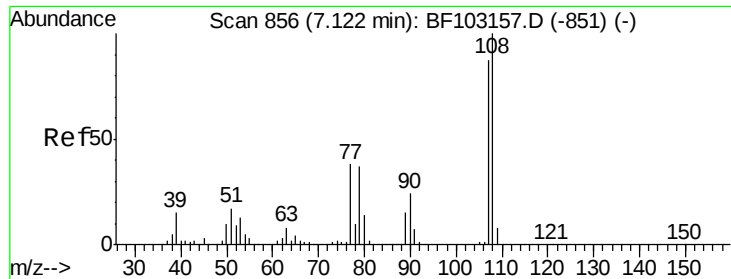
Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 778771 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 13.5  | 0.0   | 32.9   |
| 79        | 10.1  | 0.0   | 29.6   |





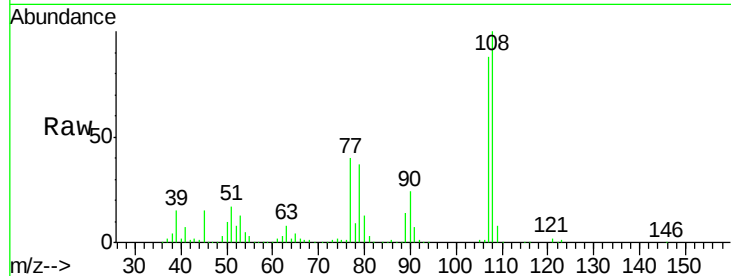
#17  
2-Methylphenol  
Concen: 40.559 ng  
RT: 7.13 min Scan# 857  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

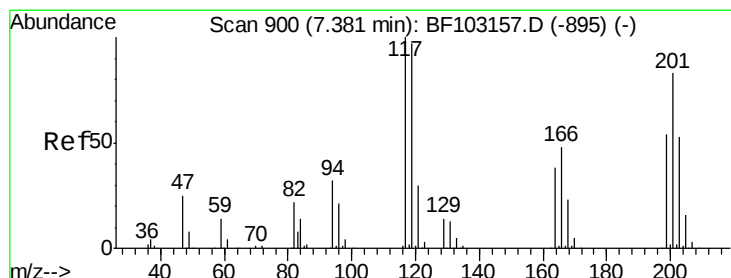
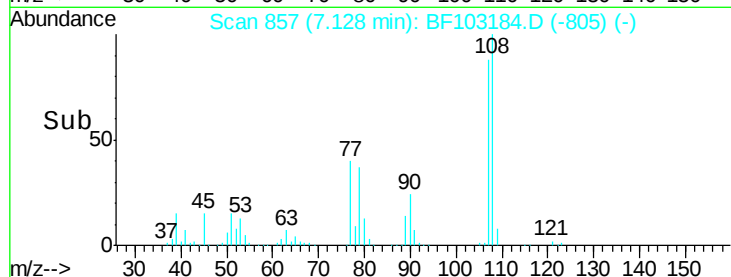
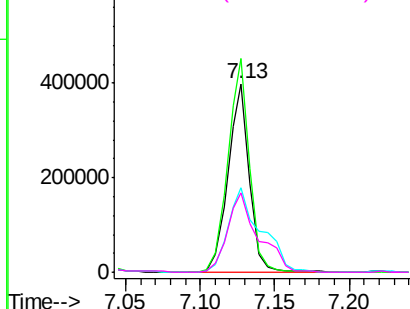
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 400750 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 113.4 | 91.7  | 137.5  |
| 77        | 44.8  | 33.8  | 50.8   |
| 79        | 42.4  | 33.8  | 50.8   |

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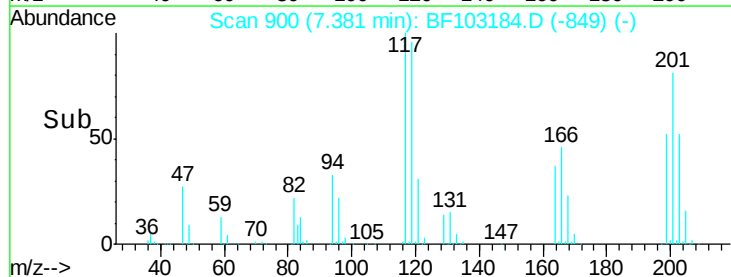
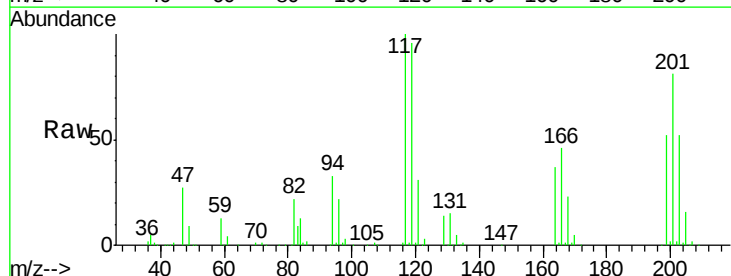
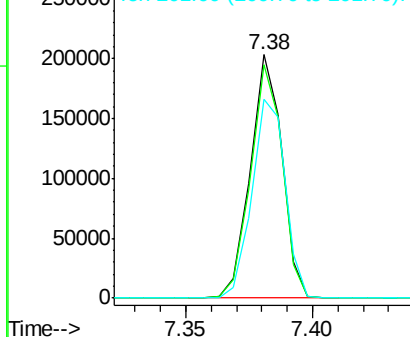
Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

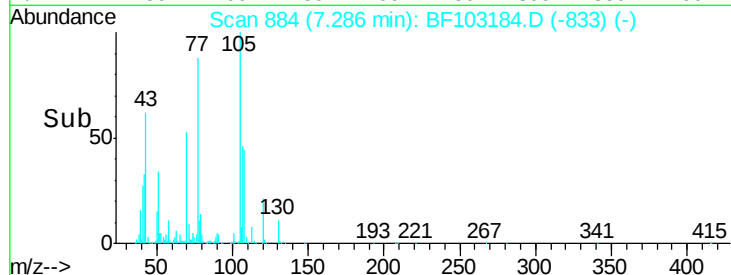
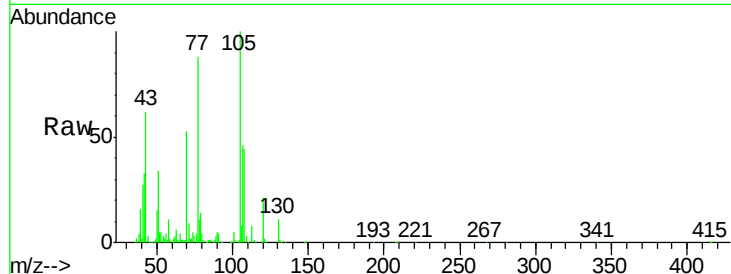
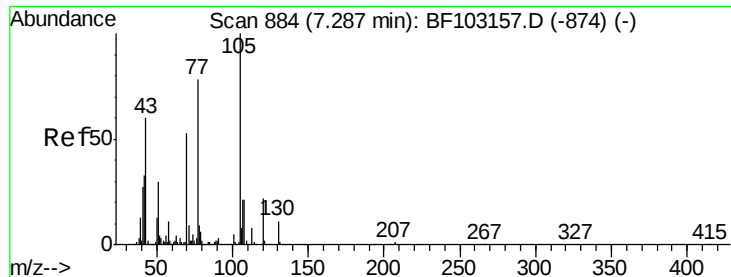


#18  
Hexachloroethane  
Concen: 39.005 ng  
RT: 7.38 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 176883 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.8  | 75.8  | 113.8  |
| 201       | 81.4  | 75.7  | 113.5  |

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





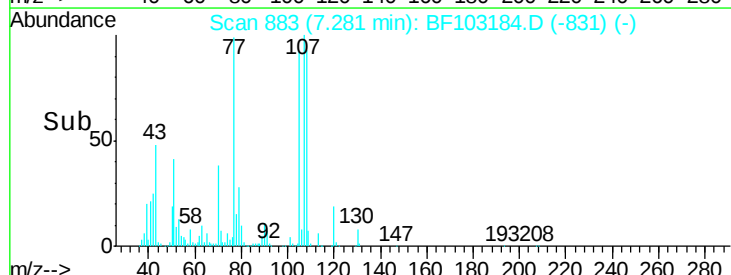
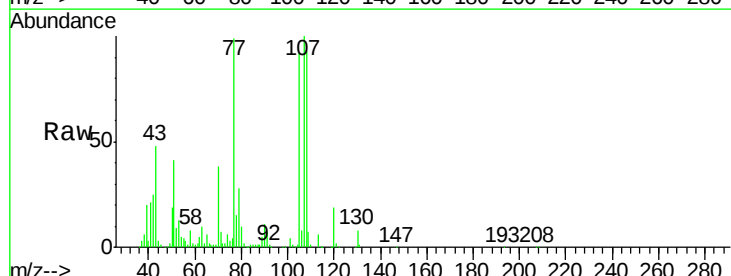
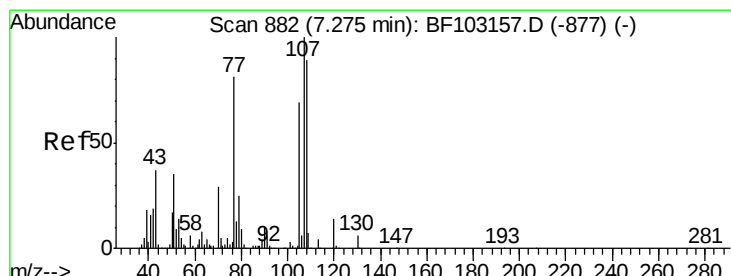
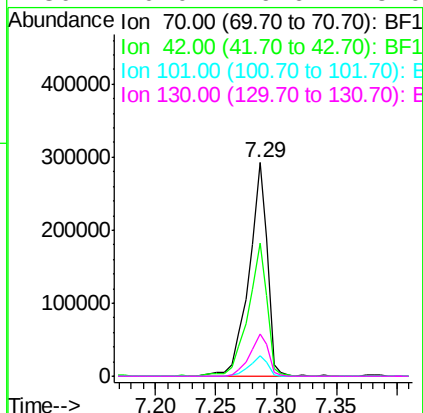
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.058 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 62.5  | 47.5  | 71.3  |
| 101     | 9.6   | 7.4   | 11.2  |
| 130     | 20.0  | 16.6  | 25.0  |

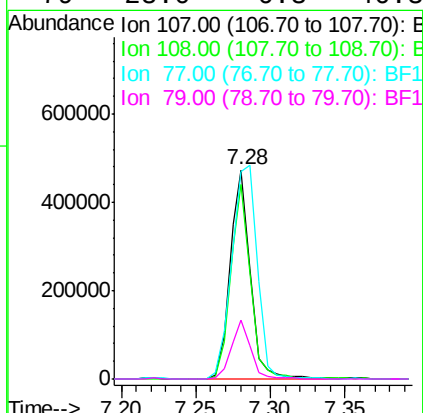
Manual Integrations  
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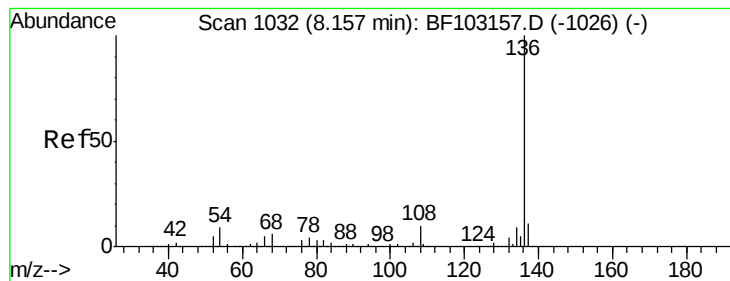
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#20  
3+4-Methylphenols  
Concen: 37.383 ng  
RT: 7.28 min Scan# 883  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 93.0  | 68.2  | 108.2 |
| 77      | 99.3  | 26.7  | 66.7# |
| 79      | 28.0  | 6.3   | 46.3  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA\_F

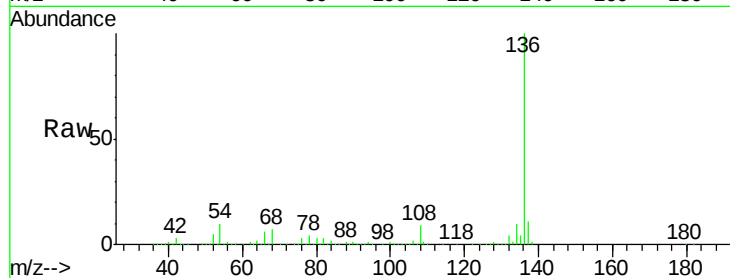
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 689855 |       |       |
| 137     | 10.6 |       | 8.9    | 13.3  |       |
| 54      | 9.6  |       | 6.6    | 9.8   |       |
| 68      | 6.8  |       | 5.0    | 7.4   |       |

Manual Integrations  
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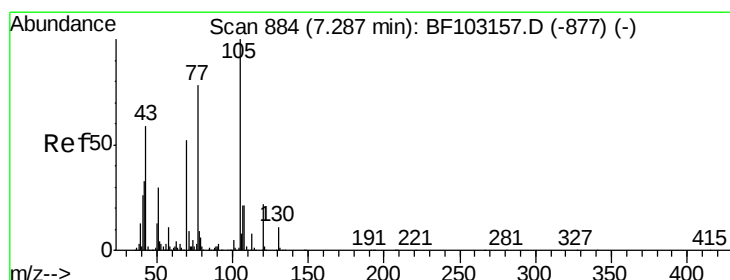
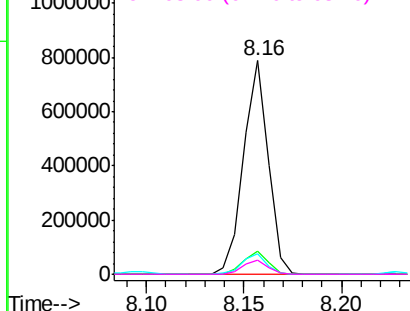
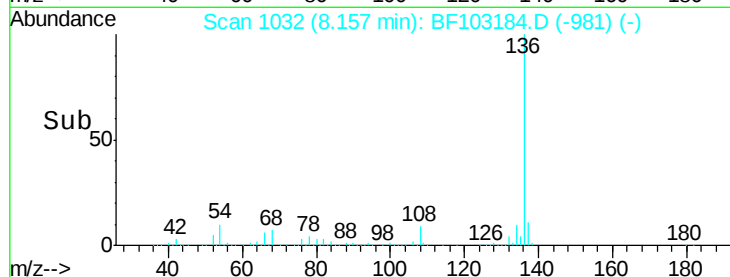


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.616 ng

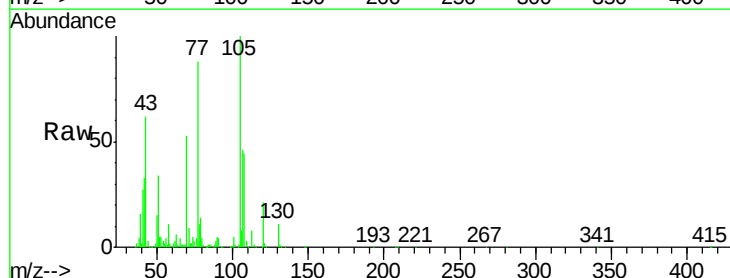
RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 605702 |       |       |
| 71      | 9.0  |       | 4.4    | 6.6#  |       |
| 51      | 34.3 |       | 22.3   | 33.5# |       |
| 120     | 21.3 |       | 16.9   | 25.3  |       |

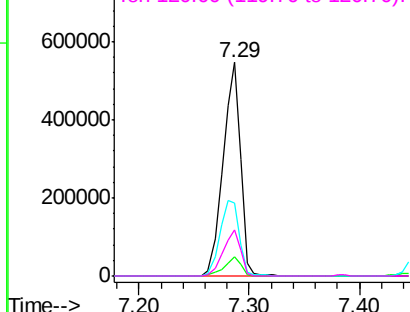
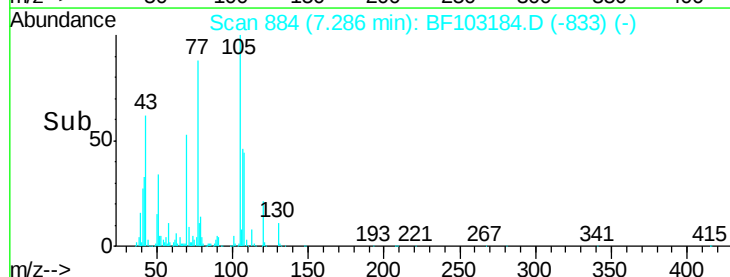


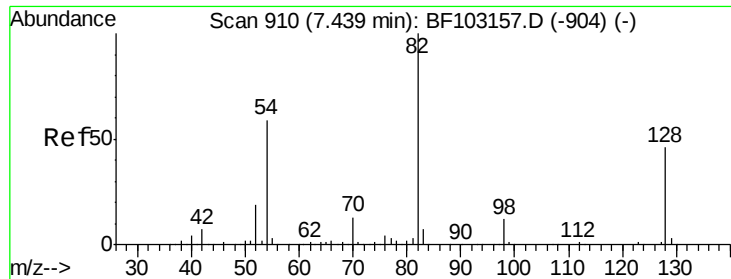
Abundance Ion 105.00 (104.70 to 105.70): E

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





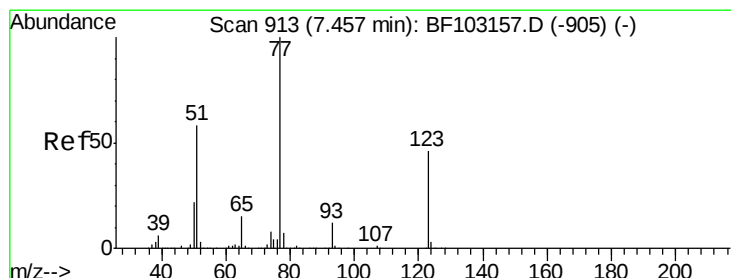
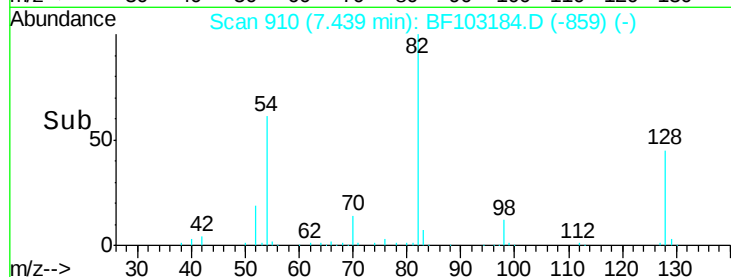
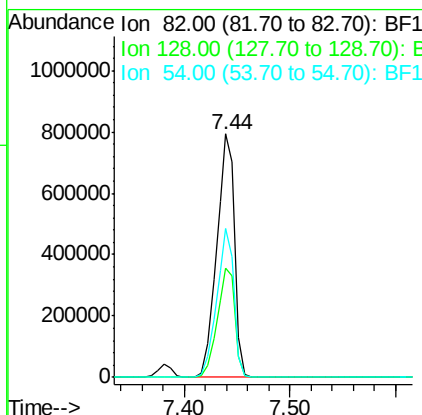
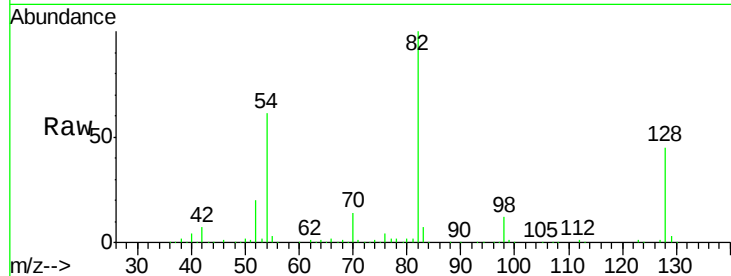
#23  
Nitrobenzene-d5  
Concen: 78.051 ng  
RT: 7.44 min Scan# 910  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 44.7  | 36.1 | 54.1  |       |
| 54      | 61.3  | 41.4 | 62.2  |       |

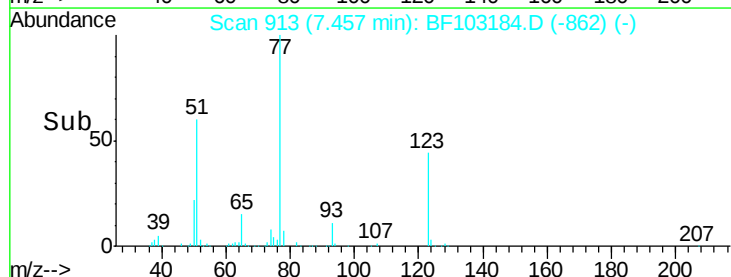
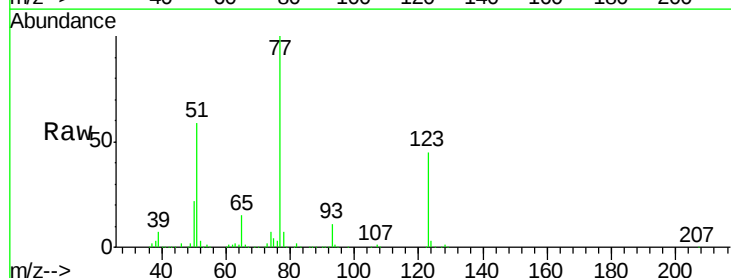
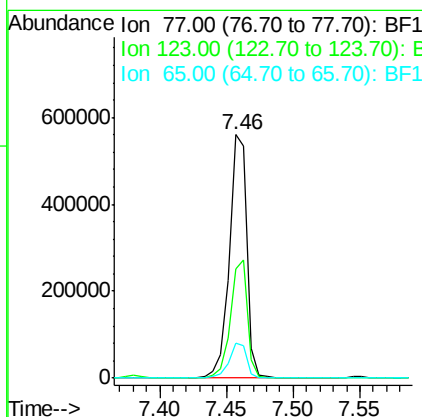
Manual Integrations  
APPROVED

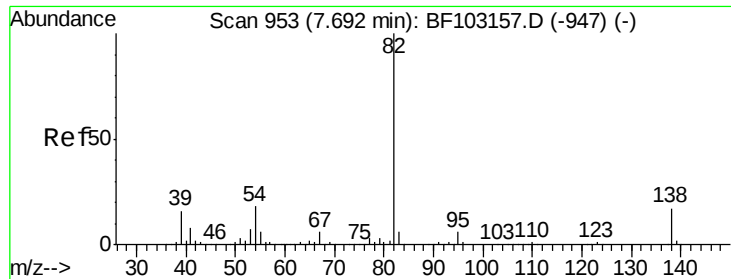
Sohil  
2/26/2018 9:54:26 AM



#24  
Nitrobenzene  
Concen: 39.188 ng  
RT: 7.46 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 44.6  | 37.9 | 56.9  |       |
| 65      | 14.5  | 11.0 | 16.4  |       |





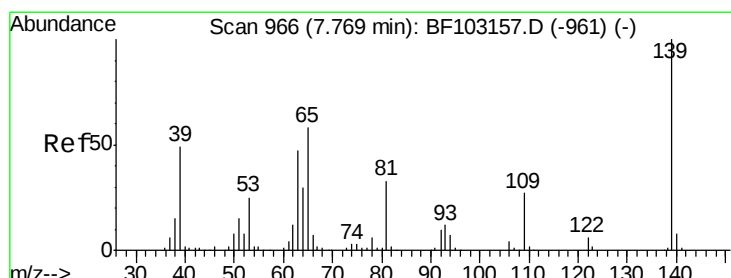
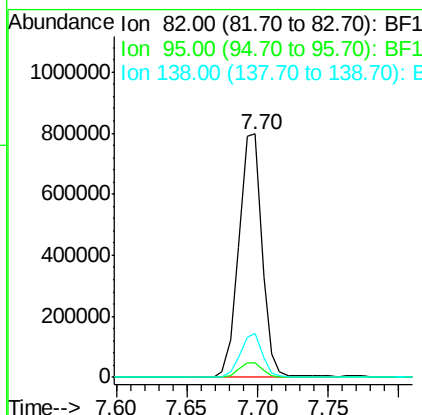
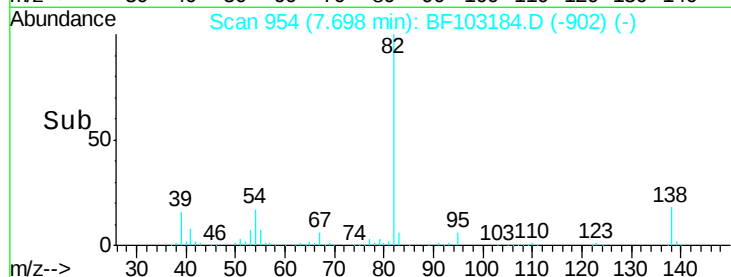
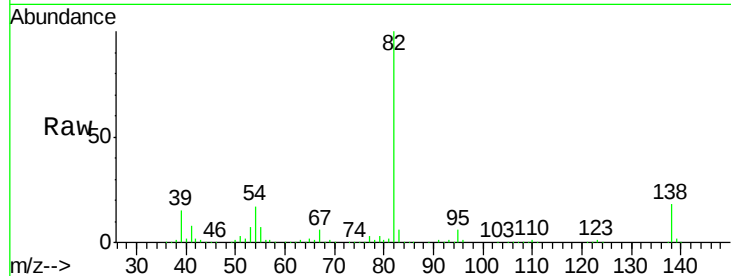
#25  
Isophorone  
Concen: 38.738 ng  
RT: 7.70 min Scan# 954  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 6.2   | 5.2  | 7.8   |       |
| 138     | 18.2  | 14.9 | 22.3  |       |

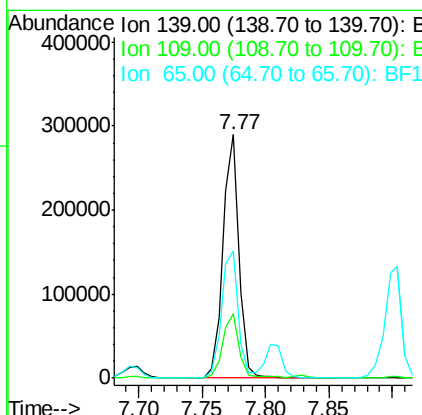
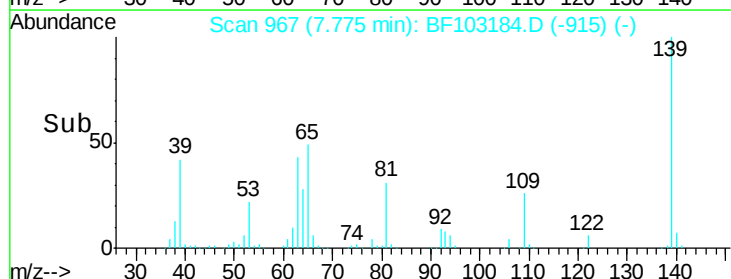
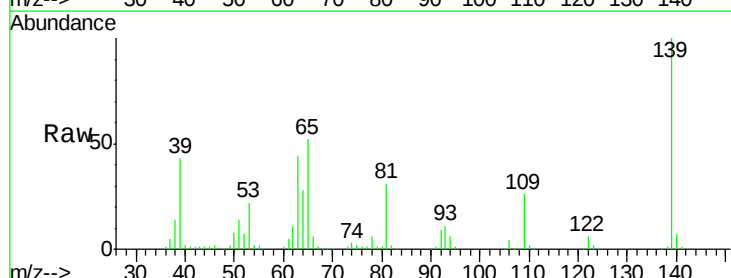
Manual Integrations  
APPROVED

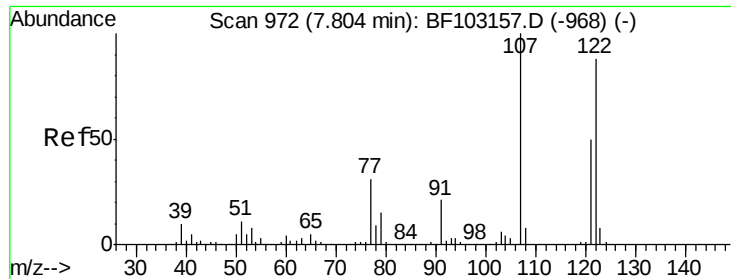
Sohil  
2/26/2018 9:54:26 AM



#26  
2-Nitrophenol  
Concen: 40.747 ng  
RT: 7.77 min Scan# 967  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 26.4  | 22.7 | 34.1  |       |
| 65      | 52.1  | 40.5 | 60.7  |       |





#27

2,4-Dimethylphenol

Concen: 37.873 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA\_F

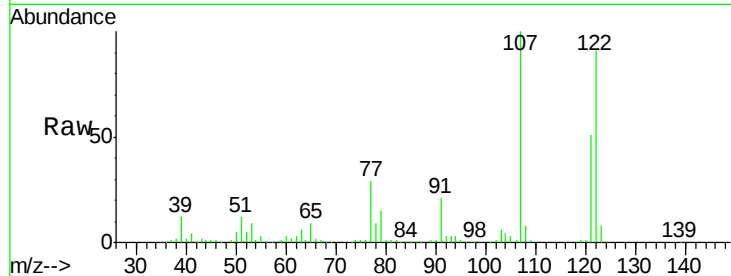
ClientSampled :

SSTDCCC040

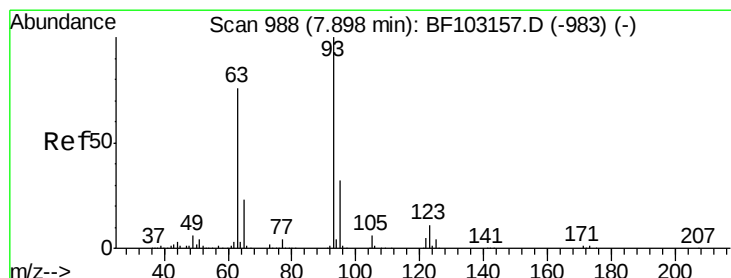
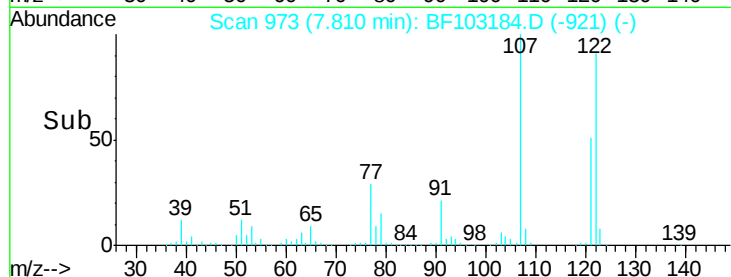
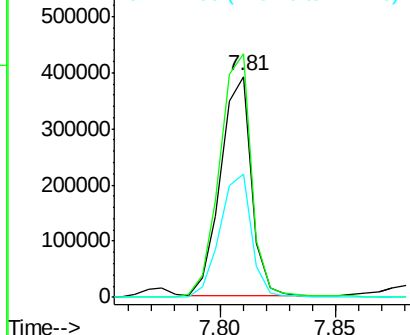
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 362456 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 110.3 | 91.2  | 136.8  |
| 121       | 55.8  | 47.2  | 70.8   |

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



#28

bis(2-Chloroethoxy)methane

Concen: 38.783 ng

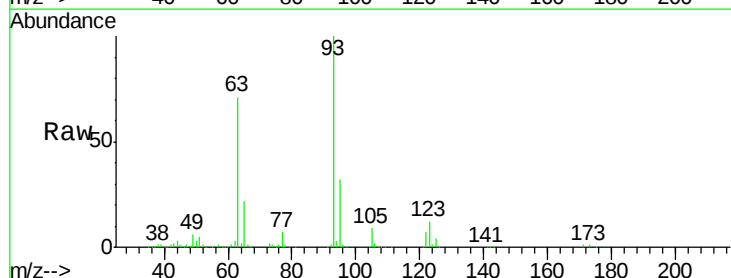
RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

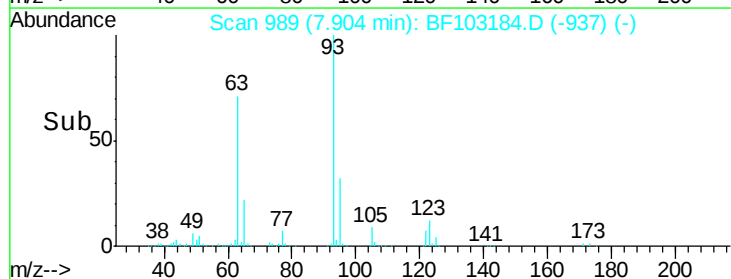
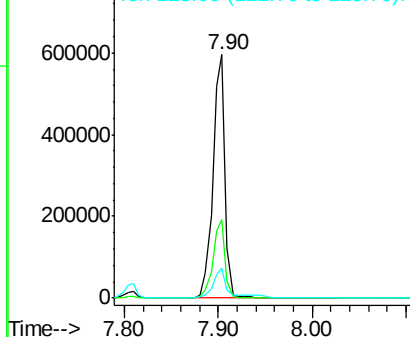
Lab File: BF103184.D

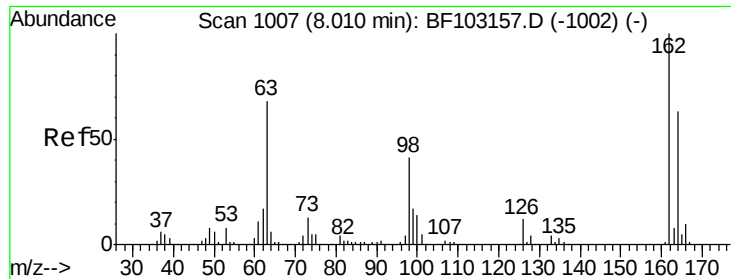
Acq: 23 Feb 2018 8:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 542486 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.4  | 26.3  | 39.5   |
| 123       | 12.2  | 9.8   | 14.6   |



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





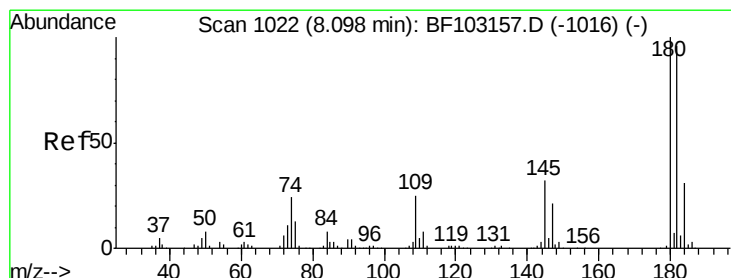
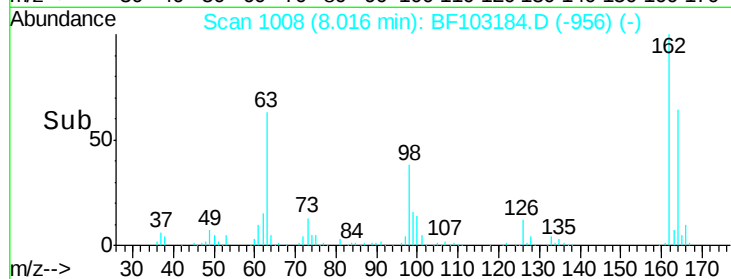
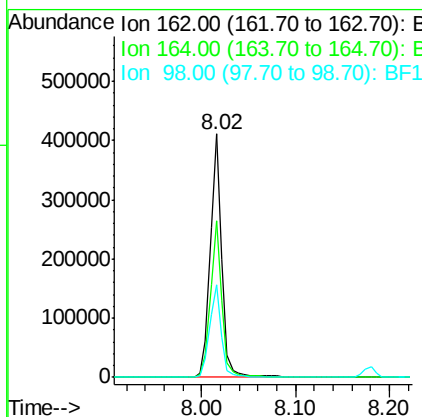
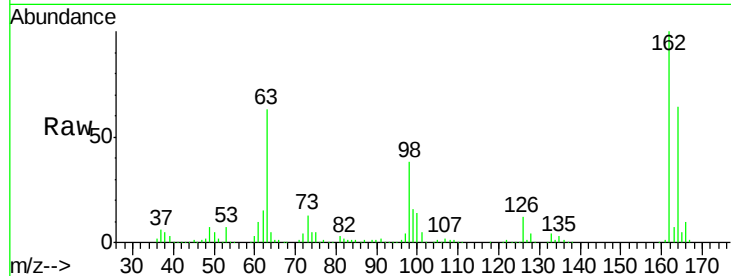
#29  
 2,4-Dichlorophenol  
 Concen: 39.221 ng  
 RT: 8.02 min Scan# 1008  
 Delta R.T. 0.01 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 64.1  | 42.7       | 82.7       |
| 98      | 37.9  | 18.1       | 58.1       |

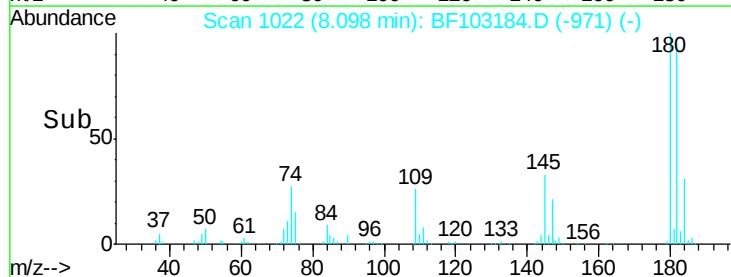
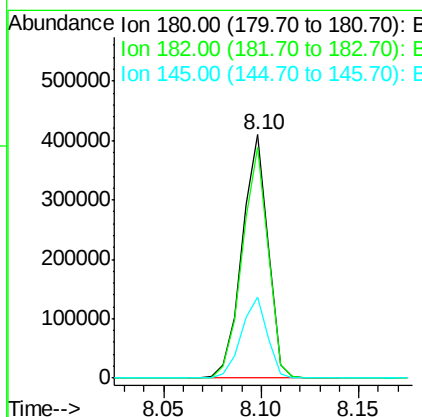
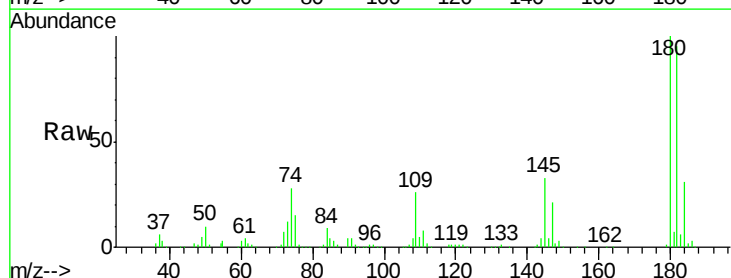
Manual Integrations  
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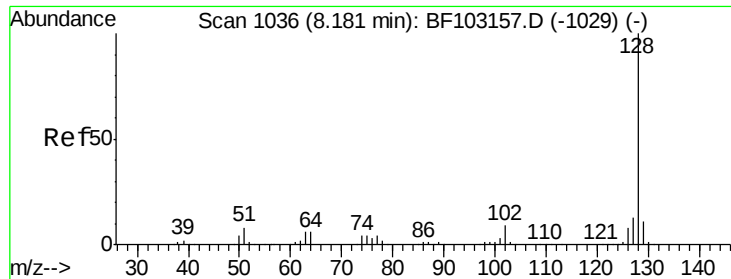
Sohil  
 2/26/2018 9:54:26 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.571 ng  
 RT: 8.10 min Scan# 1022  
 Delta R.T. -0.00 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 94.8  | 76.8       | 115.2      |
| 145     | 33.4  | 26.5       | 39.7       |





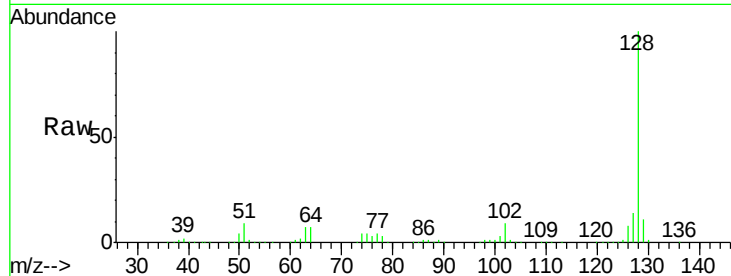
#31  
Naphthalene  
Concen: 38.306 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

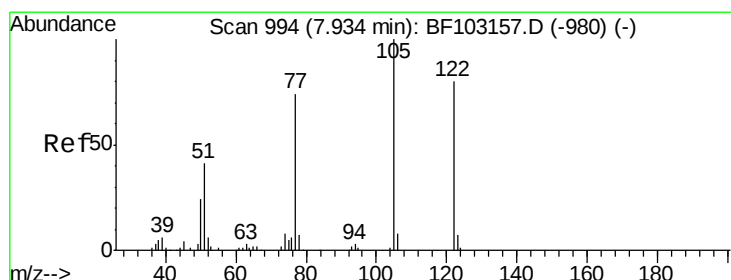
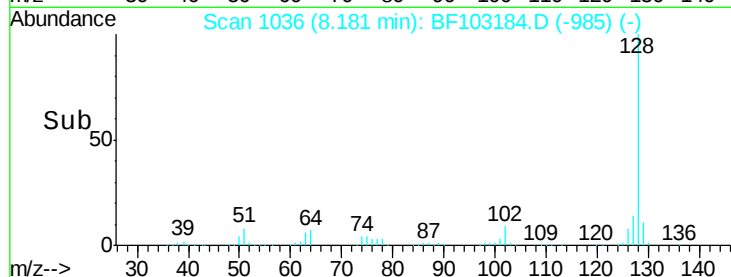
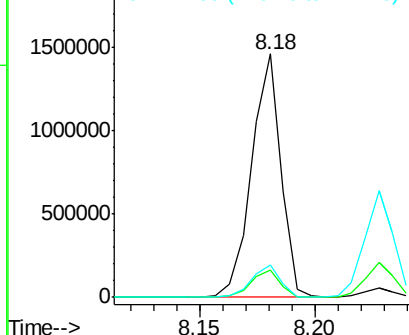
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.4  | 8.8   | 13.2  |
| 127     | 13.5  | 10.9  | 16.3  |

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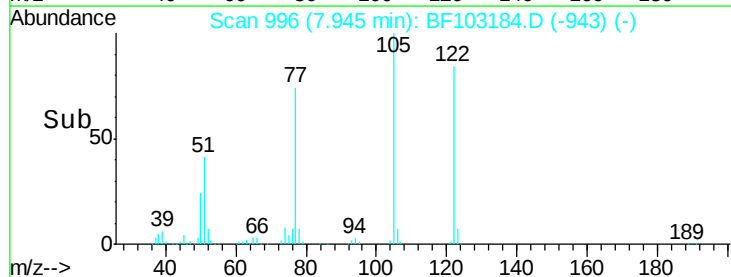
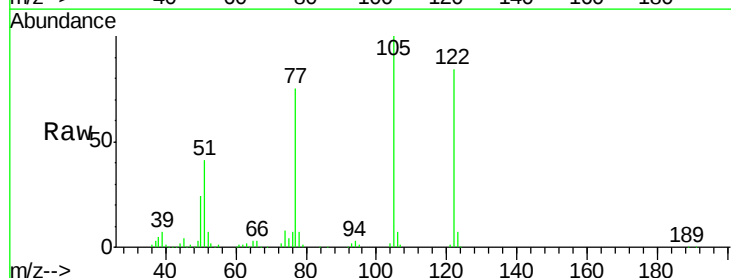
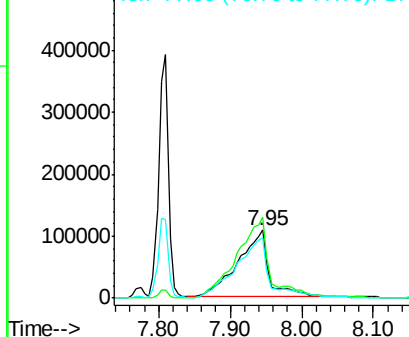
Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

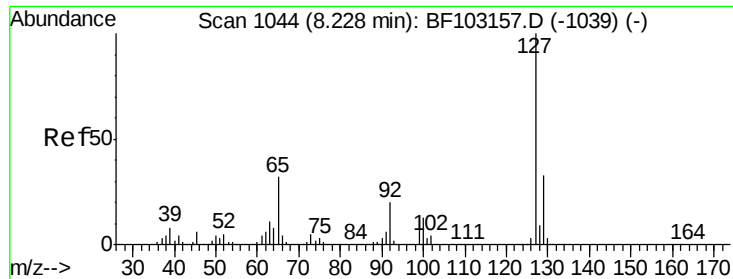


#32  
Benzoic acid  
Concen: 45.432 ng m  
RT: 7.95 min Scan# 996  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 119.0 | 101.1 | 141.1 |
| 77      | 88.7  | 70.7  | 110.7 |

Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1





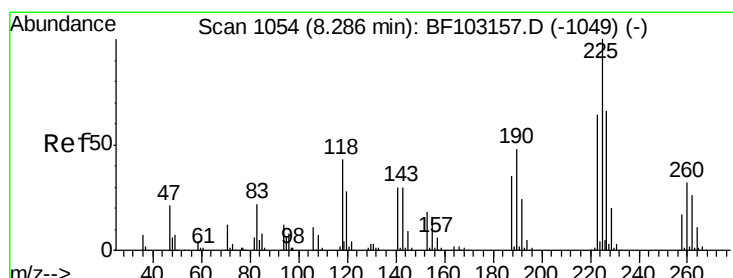
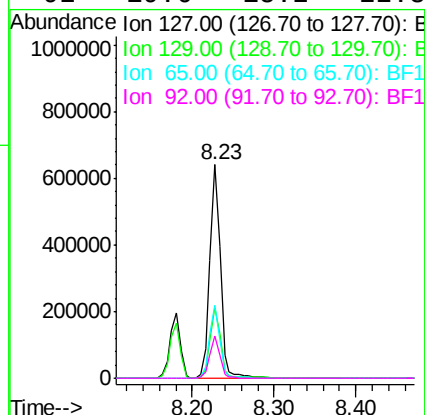
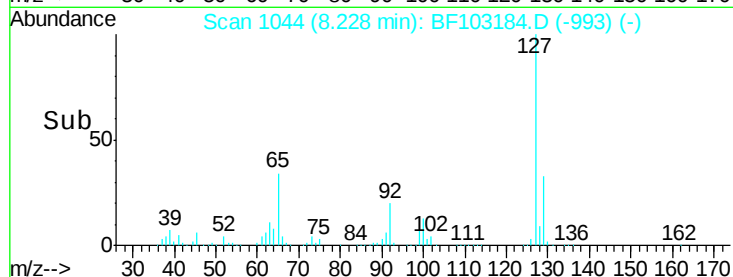
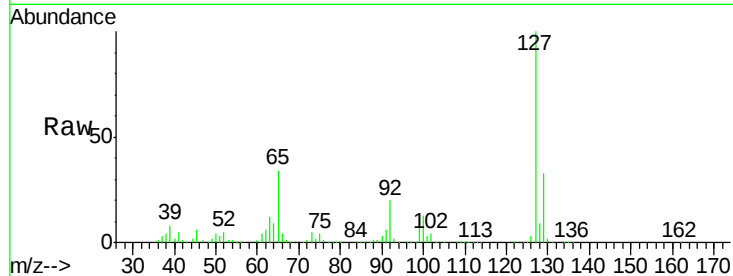
#33  
 4-Chloroaniline  
 Concen: 39.813 ng  
 RT: 8.23 min Scan# 1044  
 Delta R.T. -0.00 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.0 |       | 25.9 | 38.9  |       |
| 65      | 34.4 |       | 25.0 | 37.4  |       |
| 92      | 19.6 |       | 15.2 | 22.8  |       |

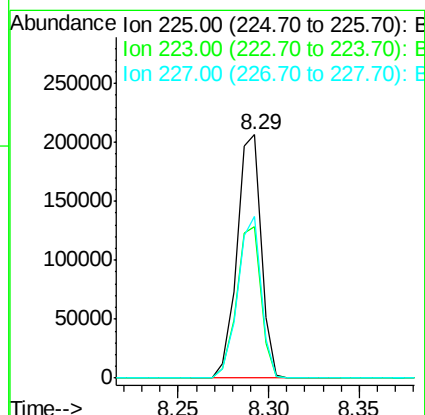
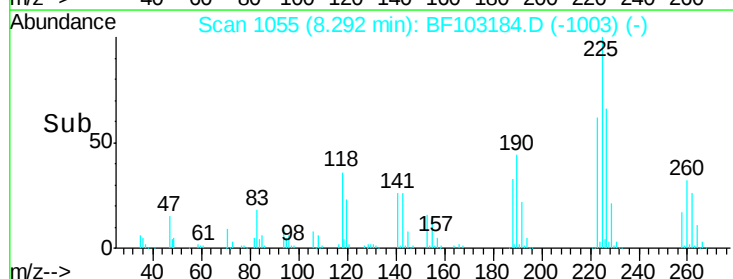
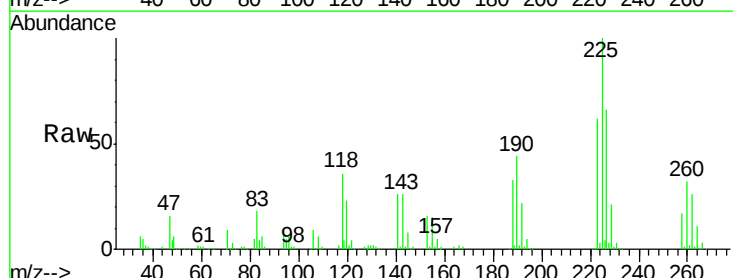
Manual Integrations  
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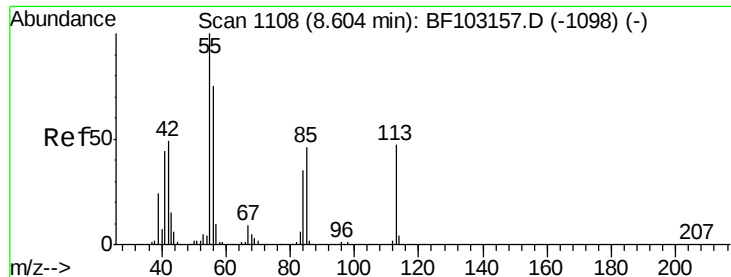
Sohil  
 2/26/2018 9:54:26 AM



#34  
 Hexachlorobutadiene  
 Concen: 38.003 ng  
 RT: 8.29 min Scan# 1055  
 Delta R.T. 0.01 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 62.0 |       | 50.6 | 76.0  |       |
| 227     | 66.4 |       | 51.9 | 77.9  |       |





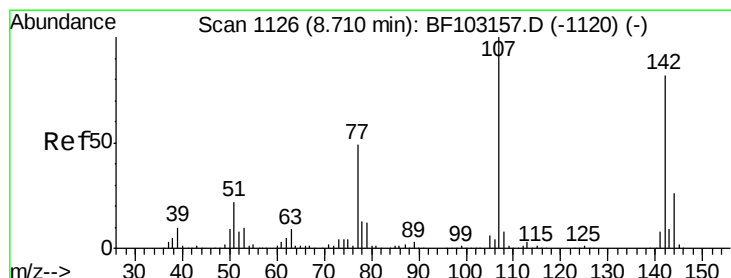
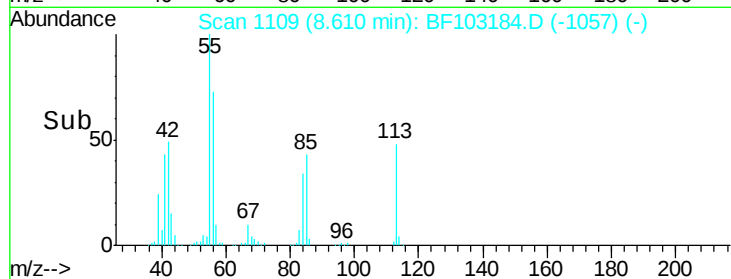
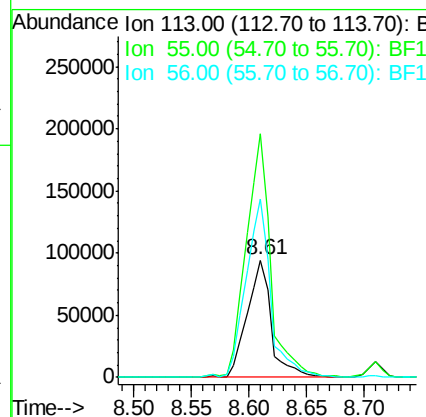
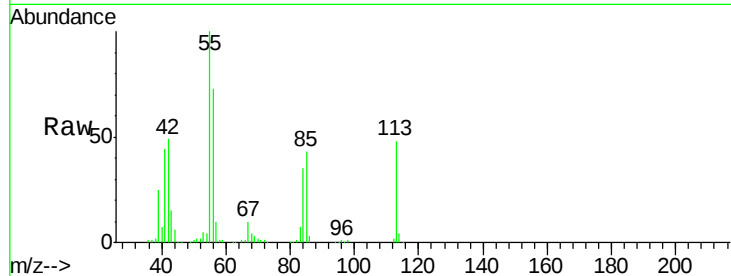
#35  
Caprolactam  
Concen: 42.631 ng  
RT: 8.61 min Scan# 1109  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 113     | 100   |       |        |       |
| 55      | 208.1 | 163.3 | 203.3# |       |
| 56      | 152.2 | 115.7 | 155.7  |       |

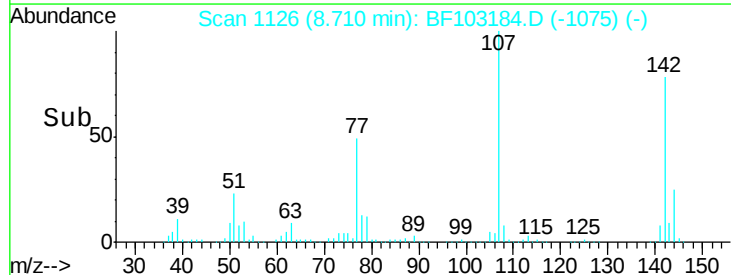
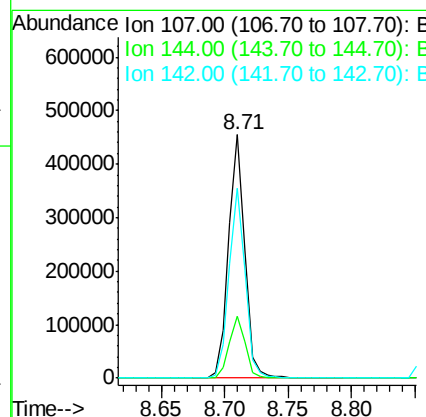
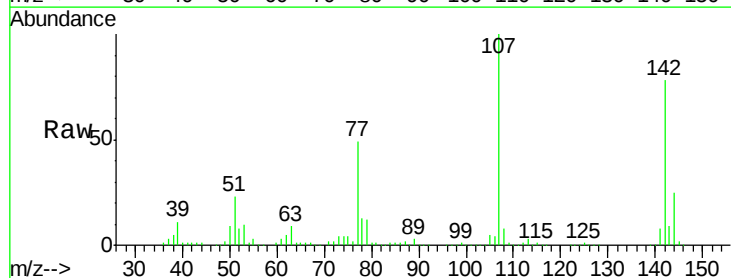
Manual Integrations  
APPROVED

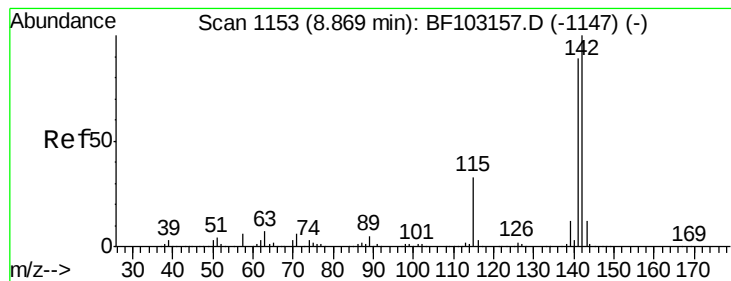
Sohil  
2/26/2018 9:54:26 AM



#36  
4-Chloro-3-methylphenol  
Concen: 39.508 ng  
RT: 8.71 min Scan# 1126  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 144     | 25.3  | 20.5 | 30.7  |       |
| 142     | 78.2  | 62.0 | 93.0  |       |





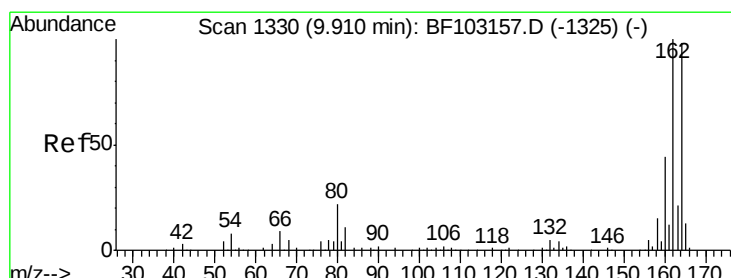
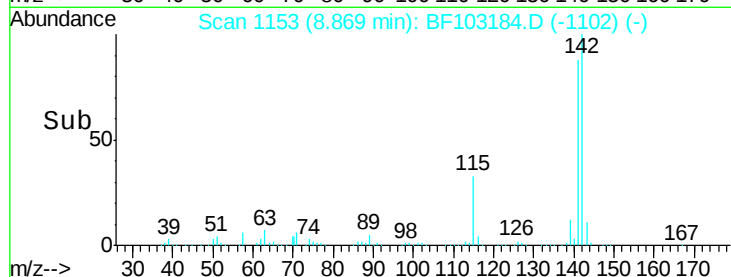
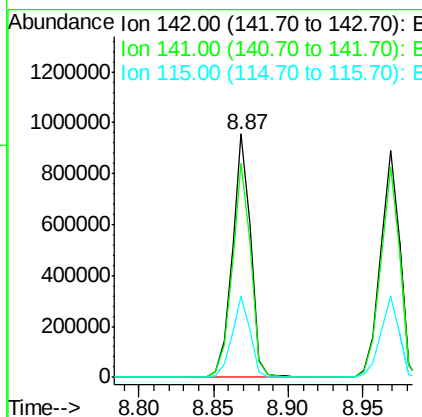
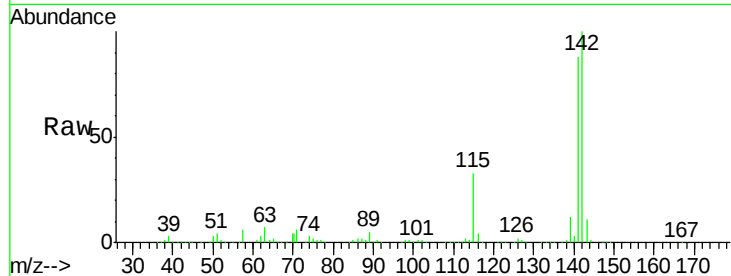
#37  
2-Methylnaphthalene  
Concen: 38.098 ng  
RT: 8.87 min Scan# 1153  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.1  | 70.8  | 106.2 |
| 115     | 33.1  | 26.1  | 39.1  |

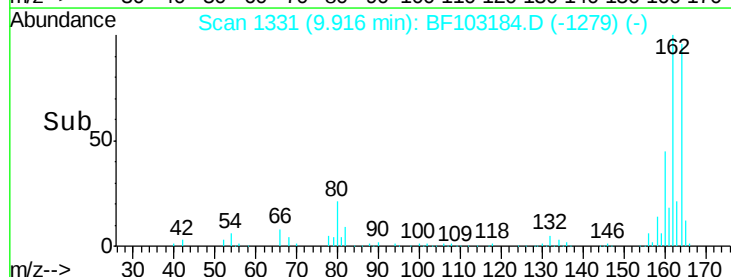
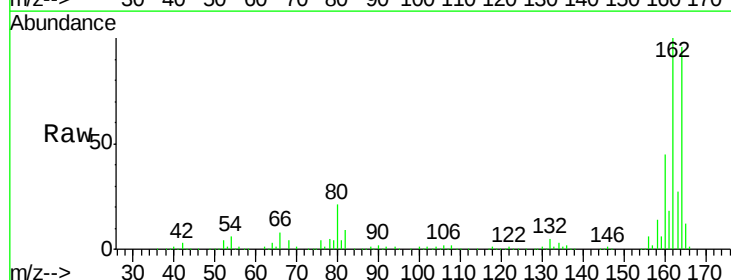
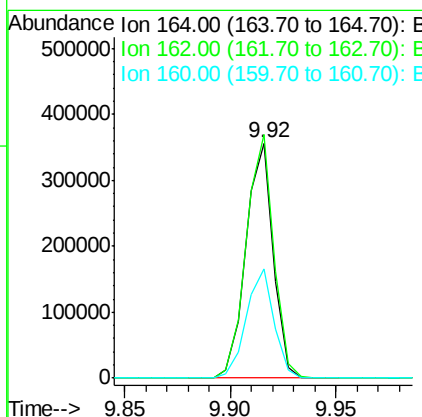
Manual Integrations  
APPROVED

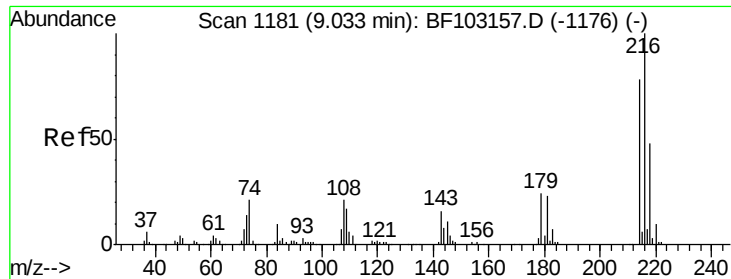
Sohil  
2/26/2018 9:54:26 AM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.7 | 86.1  | 129.1 |
| 160     | 46.5  | 38.3  | 57.5  |





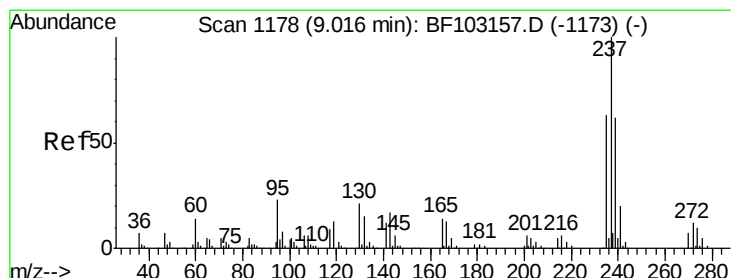
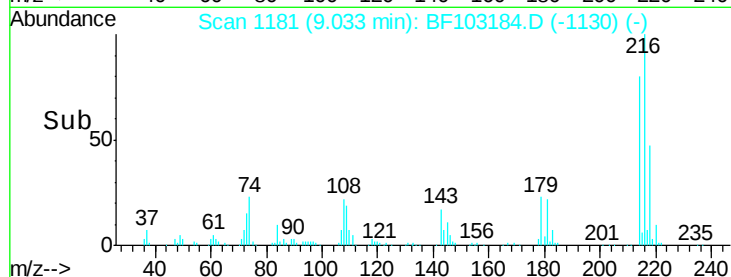
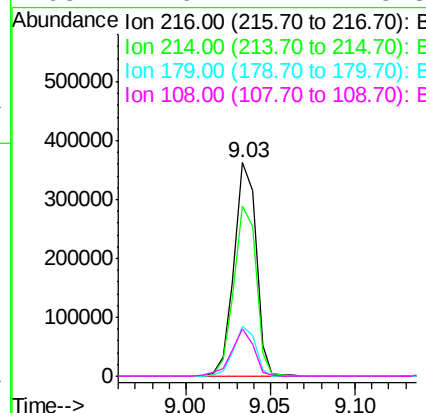
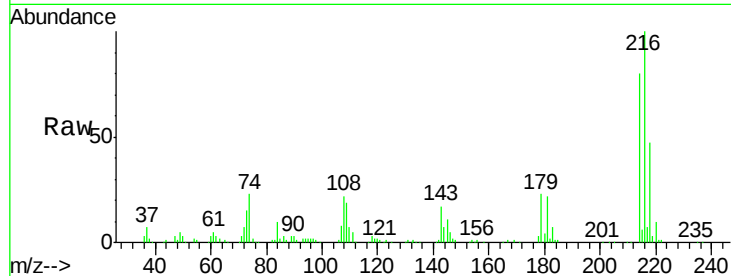
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 37.776 ng  
 RT: 9.03 min Scan# 1181  
 Delta R.T. -0.00 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 329535 |       |       |
| 214     | 80.5 |       | 63.0   | 94.4  |       |
| 179     | 23.0 |       | 18.1   | 27.1  |       |
| 108     | 22.6 |       | 17.2   | 25.8  |       |

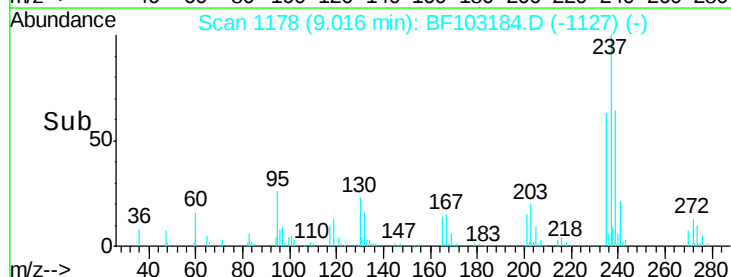
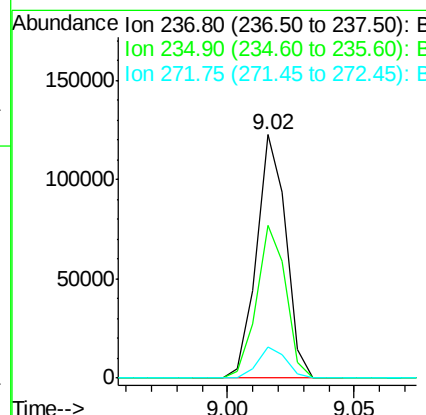
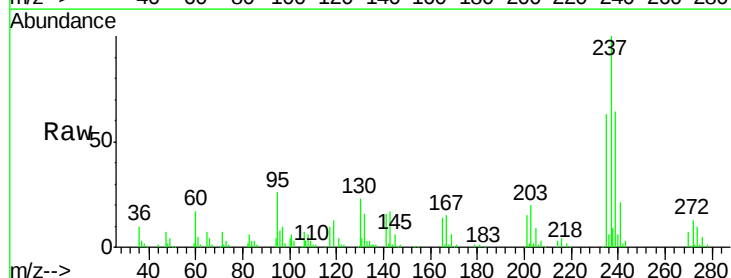
Manual Integrations  
 APPROVED

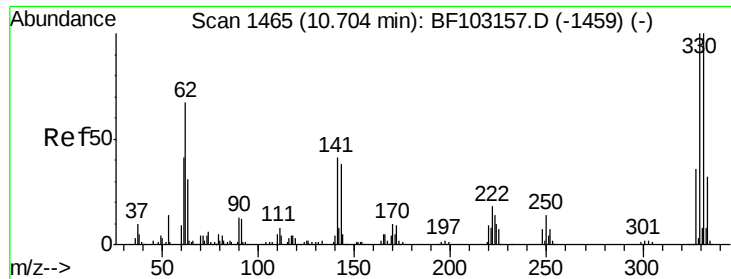
Sohil  
 2/26/2018 9:54:26 AM



#40  
 Hexachlorocyclopentadiene  
 Concen: 37.500 ng  
 RT: 9.02 min Scan# 1178  
 Delta R.T. 0.00 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 237     | 100  |       | 98985 |       |       |
| 235     | 62.7 |       | 44.8  | 84.8  |       |
| 272     | 12.6 |       | 0.0   | 33.3  |       |





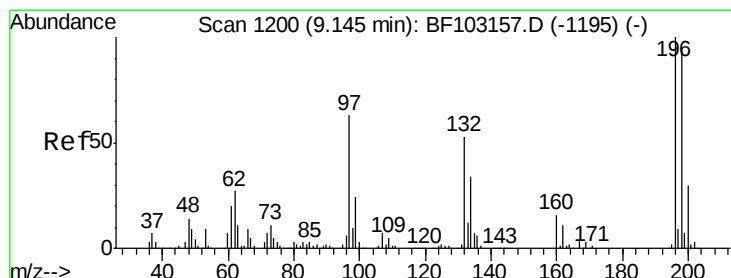
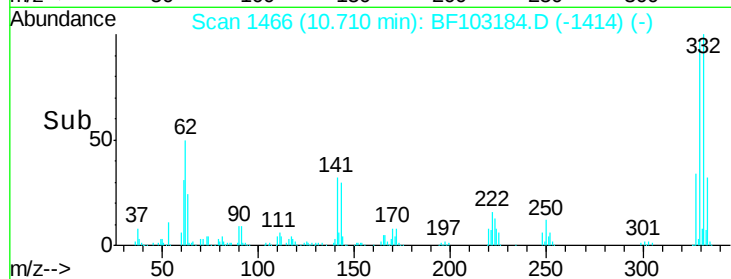
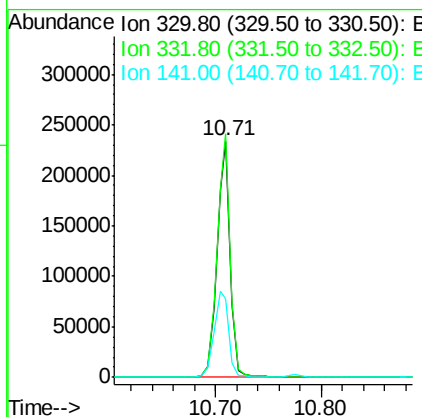
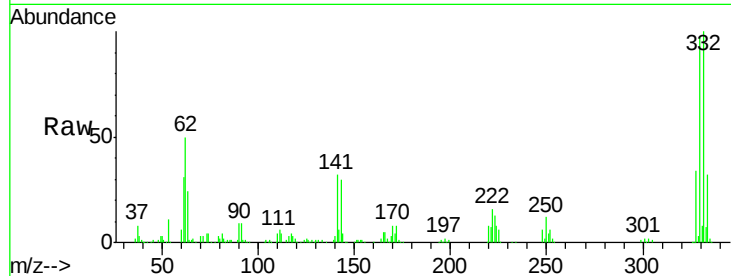
#41  
 2,4,6-Tribromophenol  
 Concen: 77.555 ng  
 RT: 10.71 min Scan# 1466  
 Delta R.T. 0.01 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 102.0 | 77.0  | 115.6 |
| 141     | 40.4  | 29.9  | 44.9  |

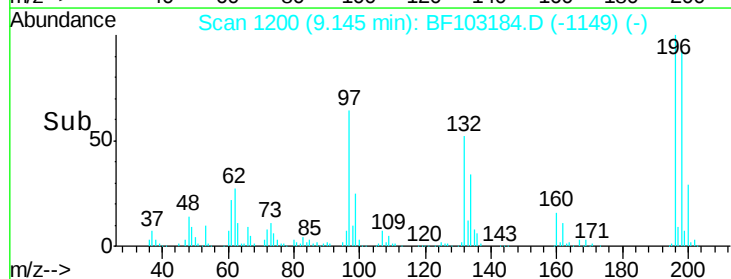
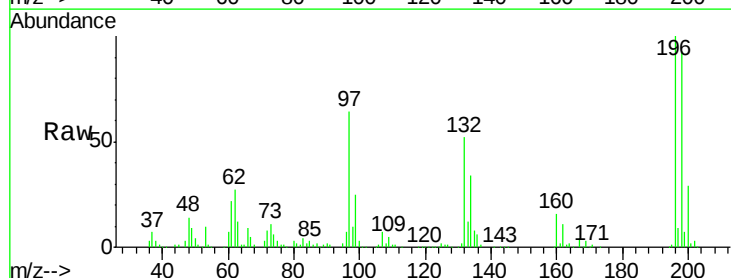
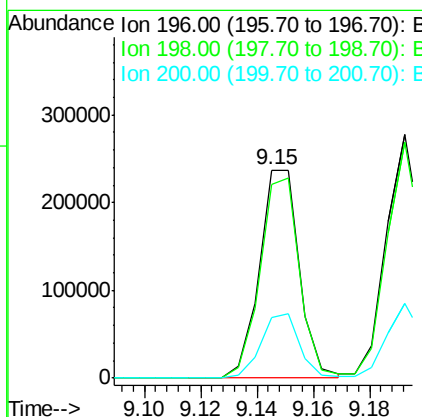
Manual Integrations  
 APPROVED

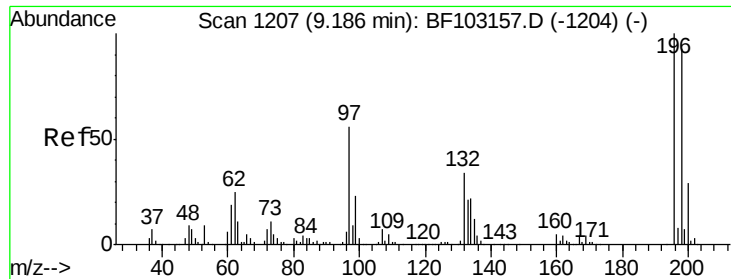
Sohil  
 2/26/2018 9:54:26 AM



#42  
 2,4,6-Trichlorophenol  
 Concen: 39.607 ng  
 RT: 9.15 min Scan# 1200  
 Delta R.T. -0.00 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.2  | 75.7  | 113.5 |
| 200     | 29.4  | 24.5  | 36.7  |





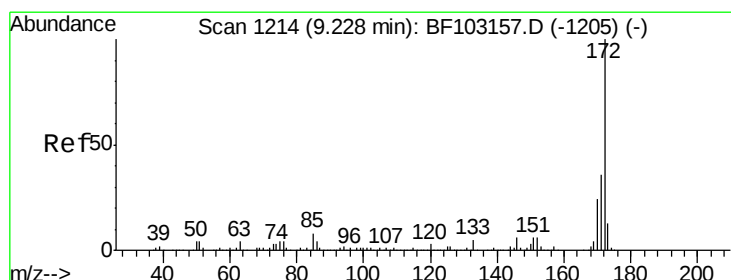
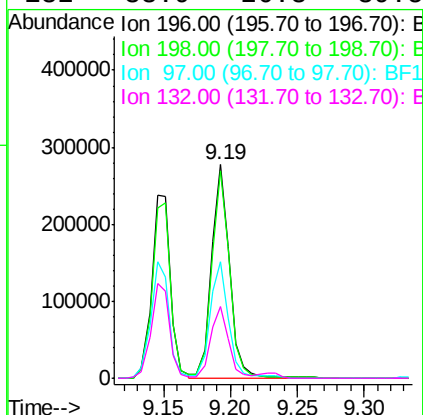
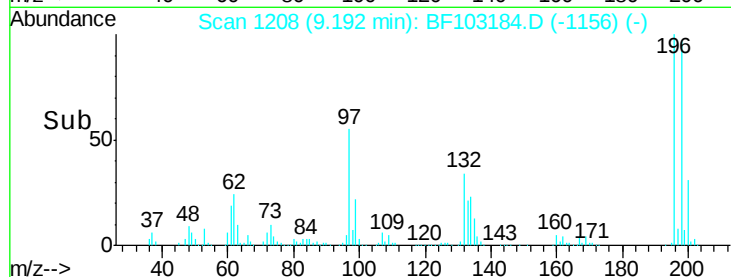
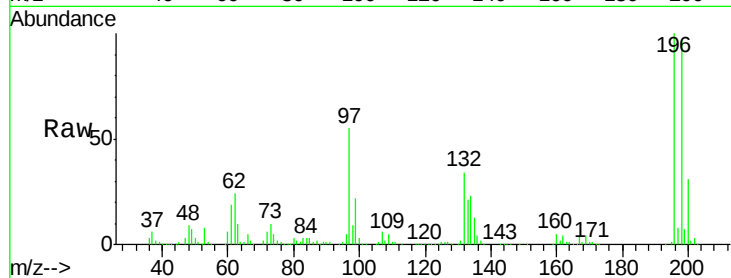
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.889 ng  
 RT: 9.19 min Scan# 1208  
 Delta R.T. 0.01 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 262544 |       |       |
| 198     | 97.1 |       | 74.6   | 112.0 |       |
| 97      | 54.6 |       | 42.9   | 64.3  |       |
| 132     | 33.9 |       | 26.3   | 39.5  |       |

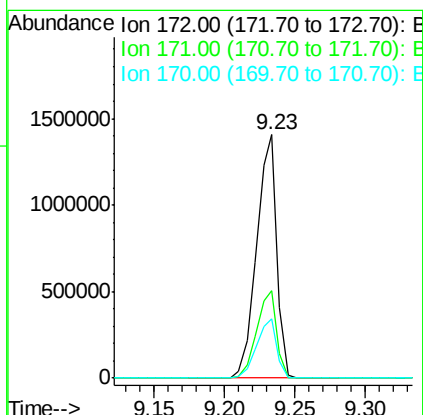
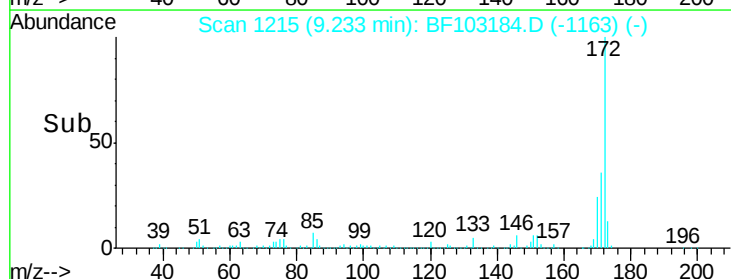
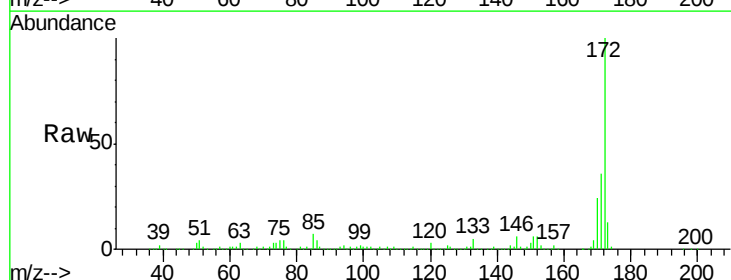
Manual Integrations  
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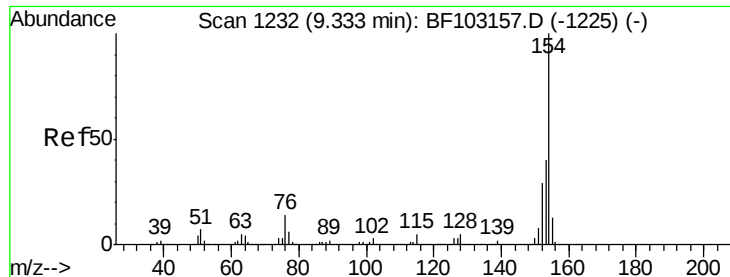
Sohil  
 2/26/2018 9:54:26 AM



#44  
 2-Fluorobiphenyl  
 Concen: 73.639 ng  
 RT: 9.23 min Scan# 1215  
 Delta R.T. 0.01 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 172     | 100  |       | 1408537 |       |       |
| 171     | 35.9 |       | 29.7    | 44.5  |       |
| 170     | 24.2 |       | 19.6    | 29.4  |       |





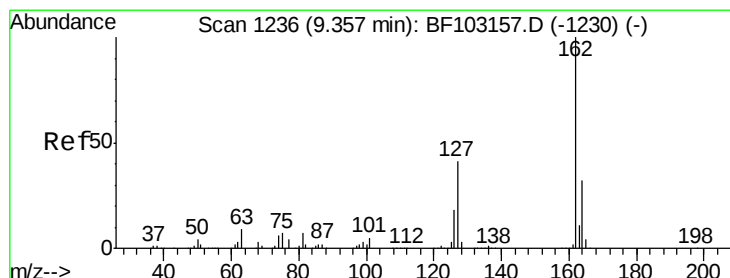
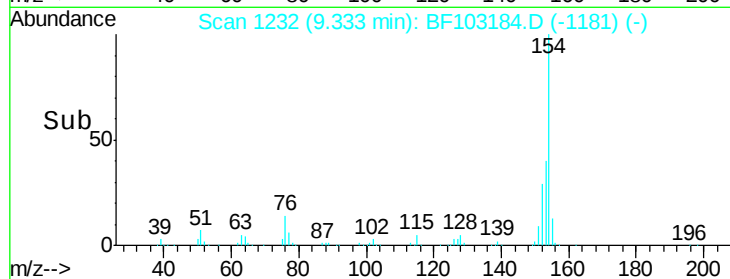
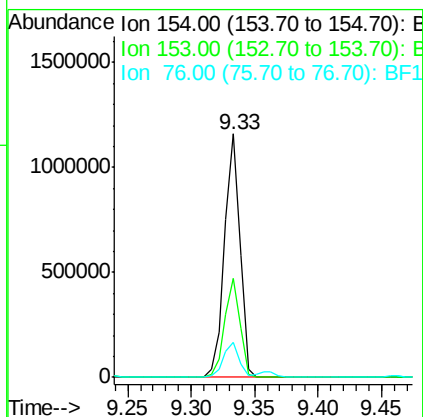
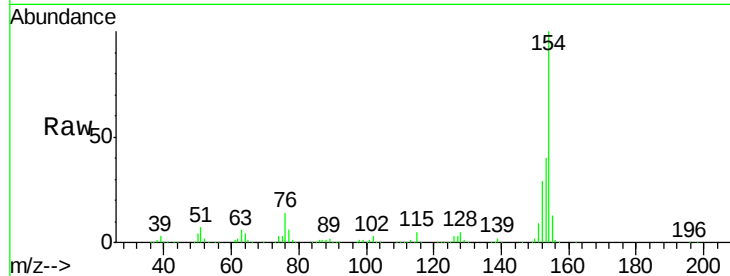
#45  
 1,1'-Biphenyl  
 Concen: 37.056 ng  
 RT: 9.33 min Scan# 1232  
 Delta R.T. -0.00 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 990831 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.4  | 21.3  | 61.3   |
| 76        | 14.2  | 0.0   | 34.0   |

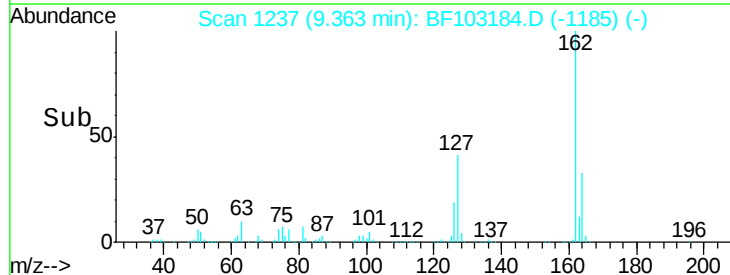
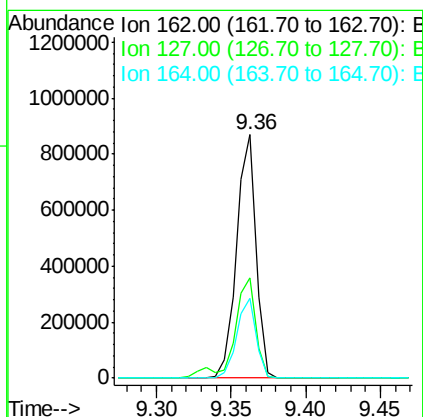
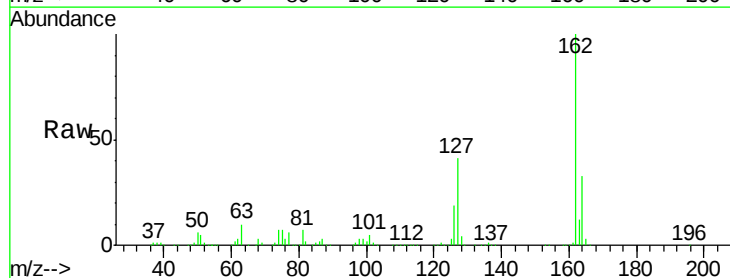
Manual Integrations  
 APPROVED

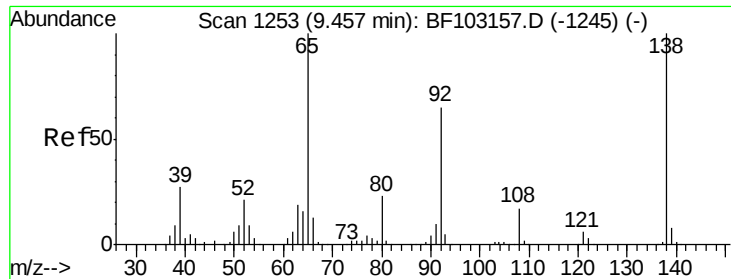
Sohil  
 2/26/2018 9:54:26 AM



#46  
 2-Chloronaphthalene  
 Concen: 37.753 ng  
 RT: 9.36 min Scan# 1237  
 Delta R.T. 0.01 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 798626 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.2  | 33.9  | 50.9   |
| 164       | 32.9  | 26.5  | 39.7   |





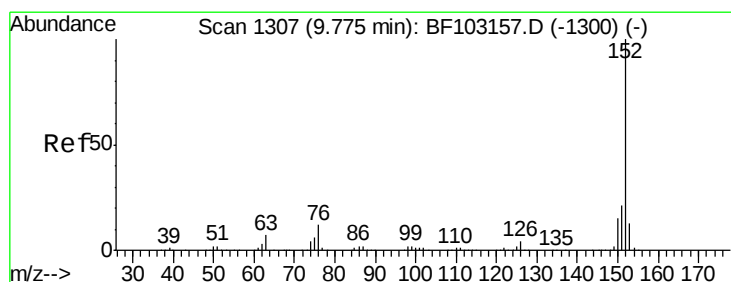
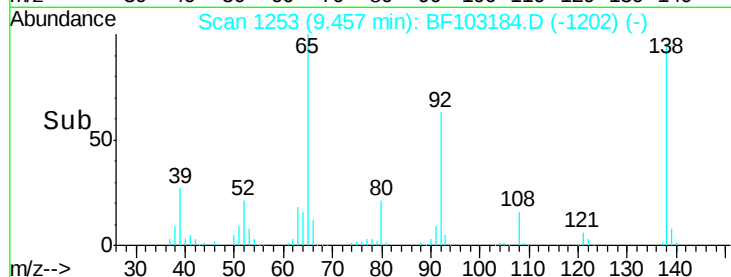
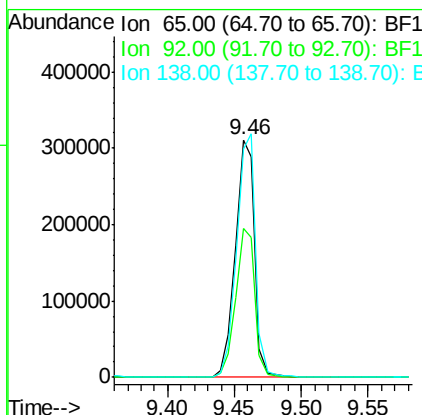
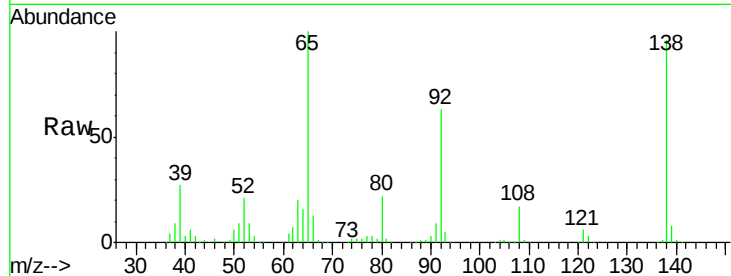
#47  
2-Nitroaniline  
Concen: 40.188 ng  
RT: 9.46 min Scan# 1253  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 62.7  | 55.8  | 83.6  |
| 138     | 96.0  | 91.2  | 136.8 |

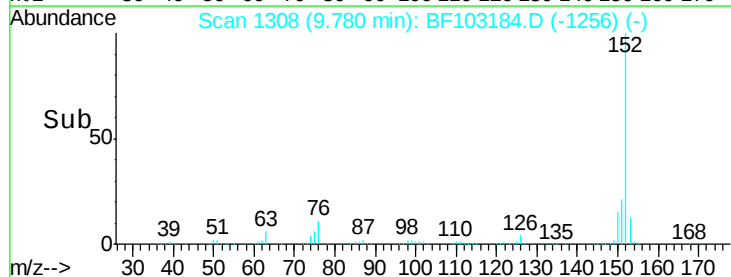
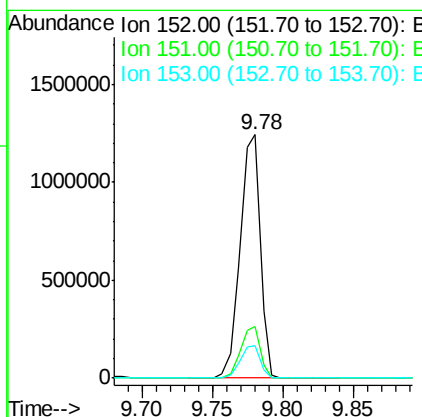
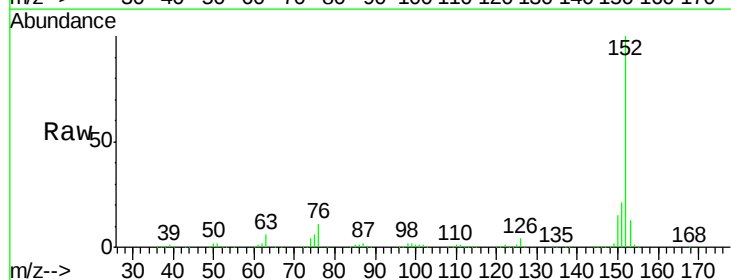
Manual Integrations  
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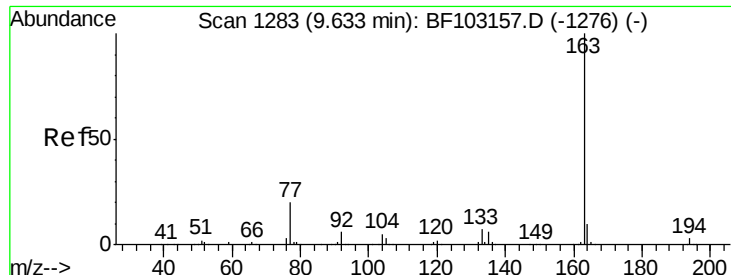
Sohil  
2/26/2018 9:54:26 AM



#48  
Acenaphthylene  
Concen: 37.944 ng  
RT: 9.78 min Scan# 1308  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.4  | 16.3  | 24.5  |
| 153     | 13.1  | 10.7  | 16.1  |





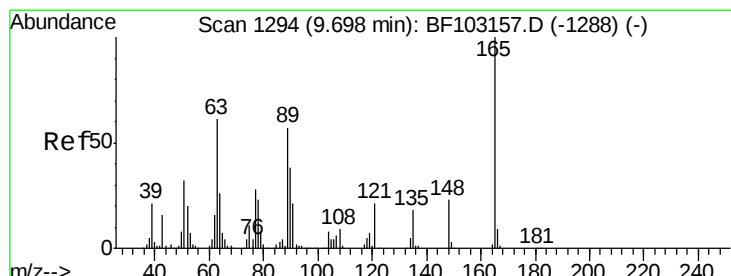
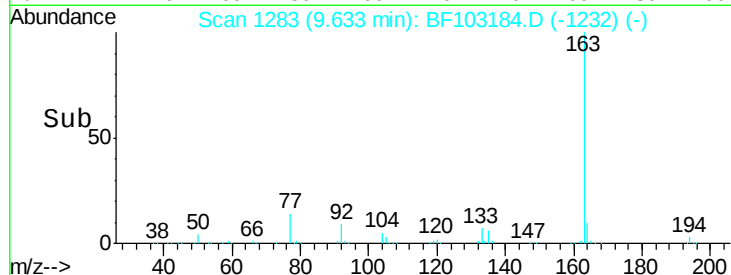
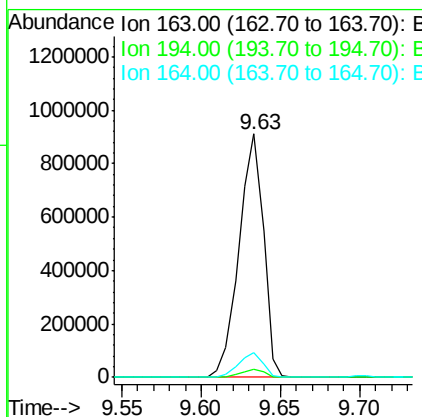
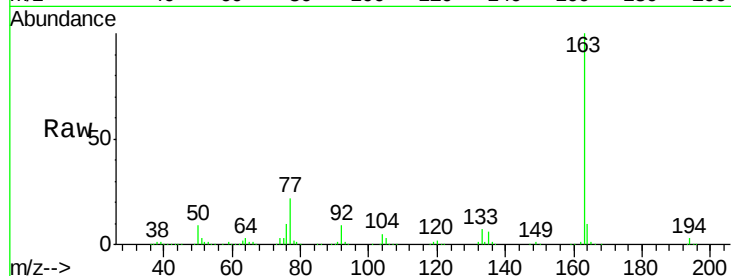
#49  
Dimethylphthalate  
Concen: 37.987 ng  
RT: 9.63 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 3.3   | 2.7  | 4.1   |       |
| 164     | 10.0  | 8.2  | 12.2  |       |

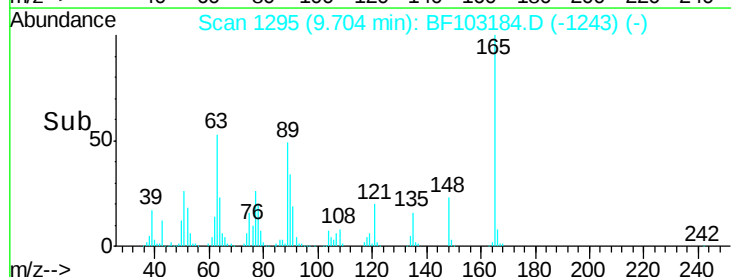
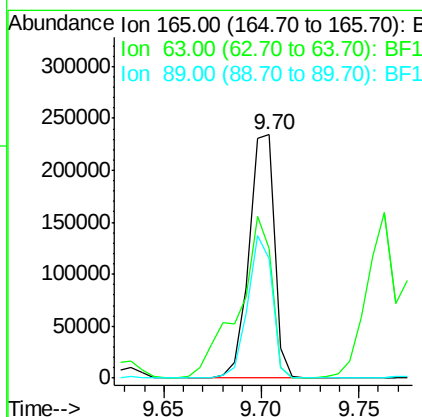
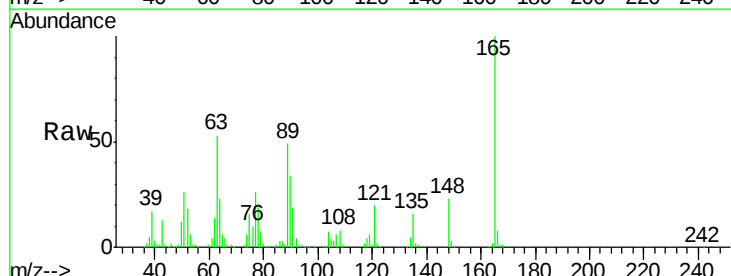
Manual Integrations  
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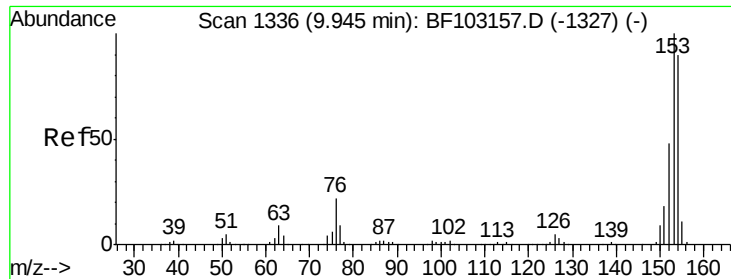
Sohil  
2/26/2018 9:54:26 AM



#50  
2,6-Dinitrotoluene  
Concen: 39.623 ng  
RT: 9.70 min Scan# 1295  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 53.4  | 44.7 | 67.1  |       |
| 89      | 49.0  | 44.0 | 66.0  |       |





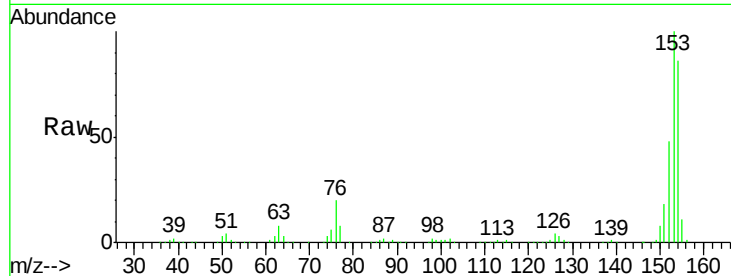
#51  
Acenaphthene  
Concen: 36.809 ng  
RT: 9.95 min Scan# 1337  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

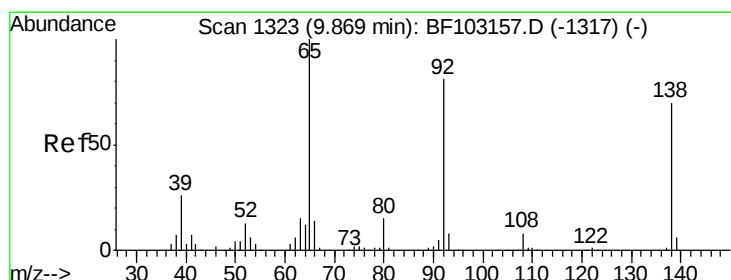
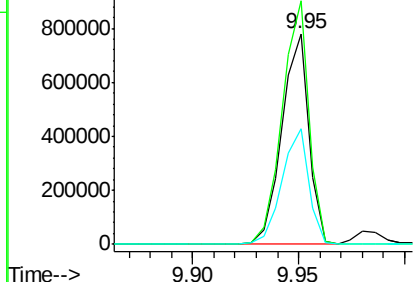
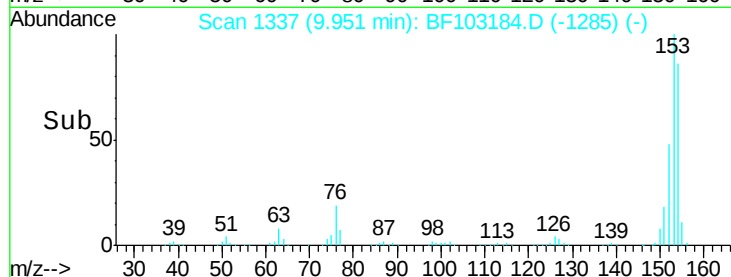
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 115.6 | 91.2  | 136.8 |
| 152     | 55.0  | 43.8  | 65.8  |

Manual Integrations  
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Sohil  
2/26/2018 9:54:26 AM

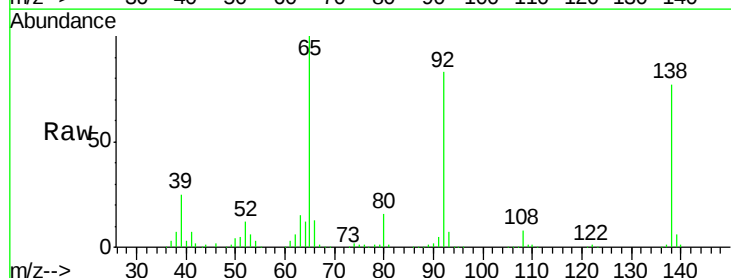


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

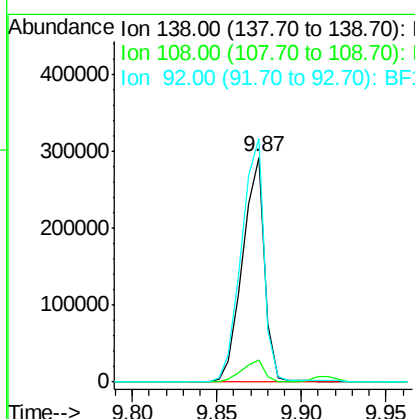
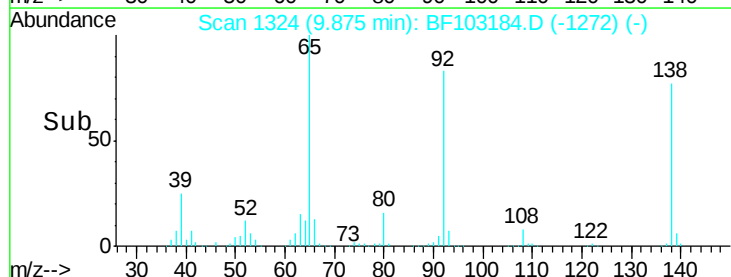


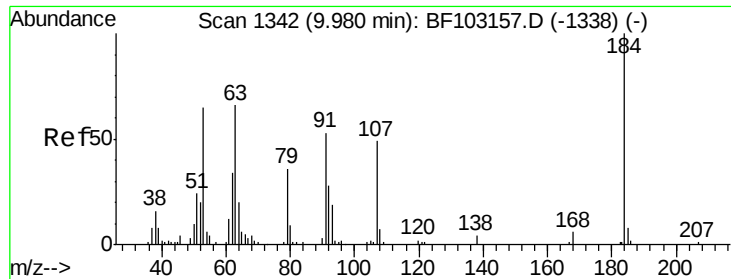
#52  
3-Nitroaniline  
Concen: 39.308 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.8   | 9.4   | 14.0  |
| 92      | 108.2 | 89.4  | 134.2 |



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





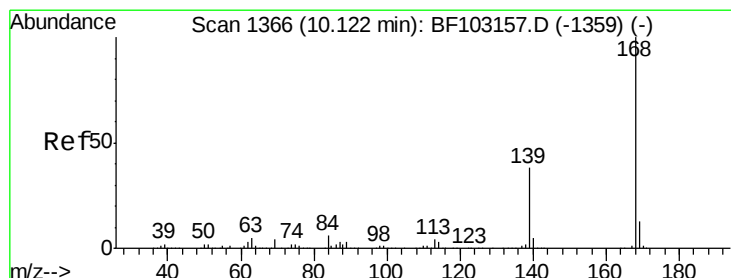
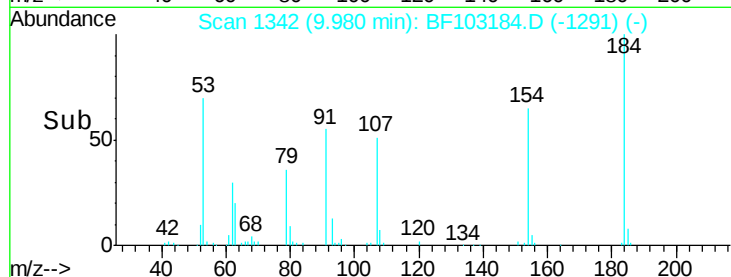
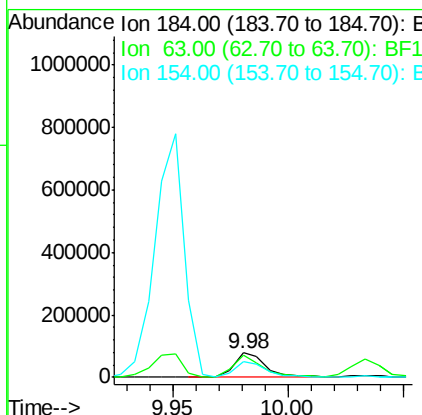
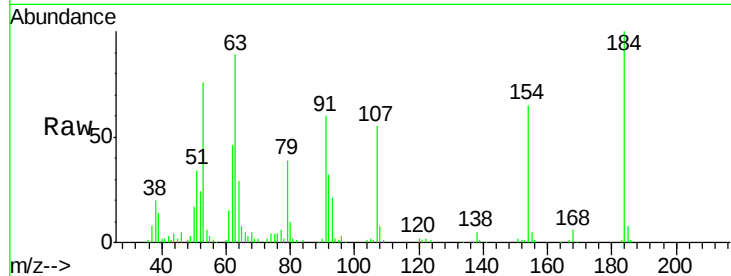
#53  
2,4-Dinitrophenol  
Concen: 44.458 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 89.3  | 54.2  | 81.2#  |
| 154     | 65.2  | 184.0 | 276.0# |

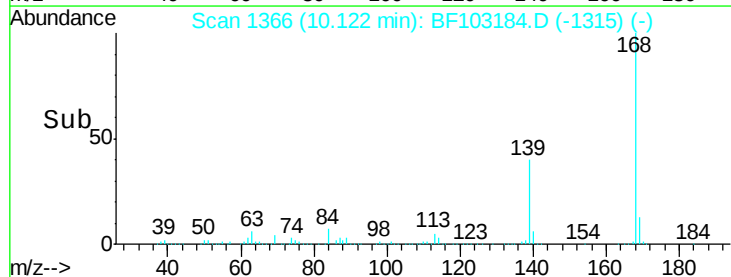
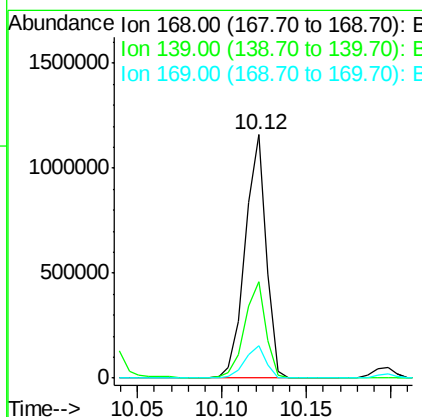
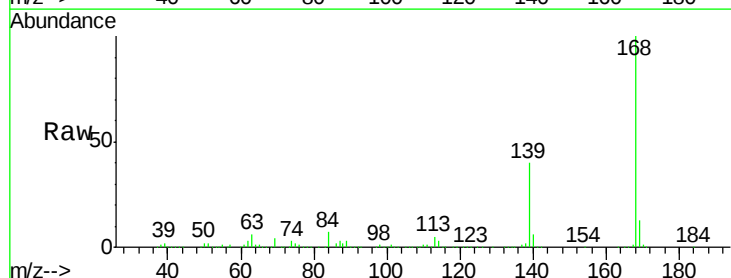
Manual Integrations  
APPROVED

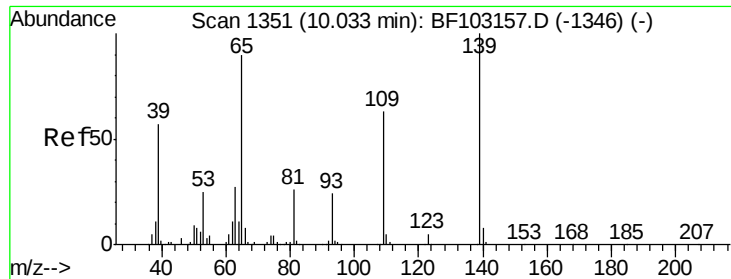
Sohil  
2/26/2018 9:54:26 AM



#54  
Dibenzofuran  
Concen: 38.888 ng  
RT: 10.12 min Scan# 1366  
Delta R.T. 0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.8  | 30.1  | 45.1  |
| 169     | 13.4  | 10.9  | 16.3  |





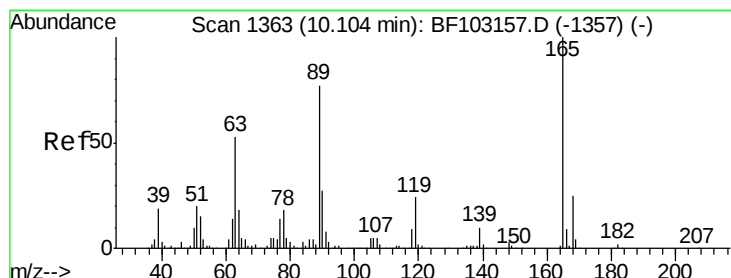
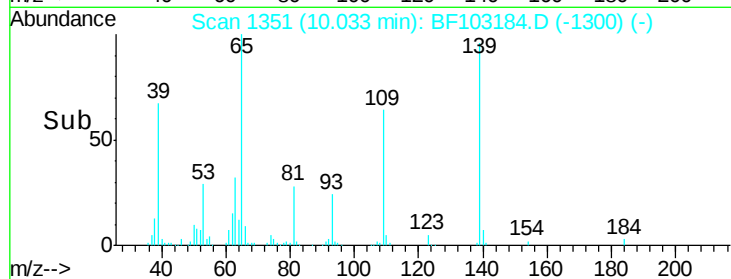
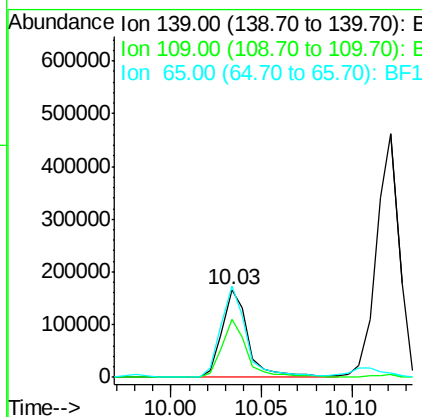
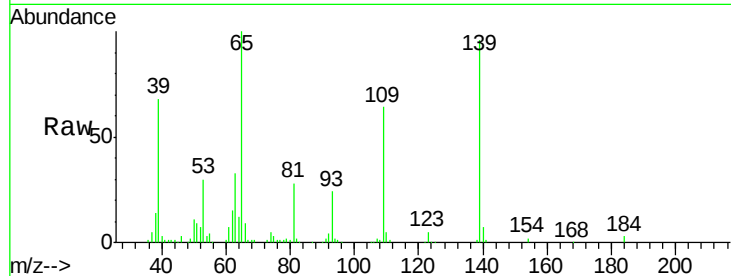
#55  
4-Nitrophenol  
Concen: 39.610 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 167312 |       |       |
| 109     | 66.5  | 48.4   | 88.4  |       |
| 65      | 104.4 | 72.6   | 112.6 |       |

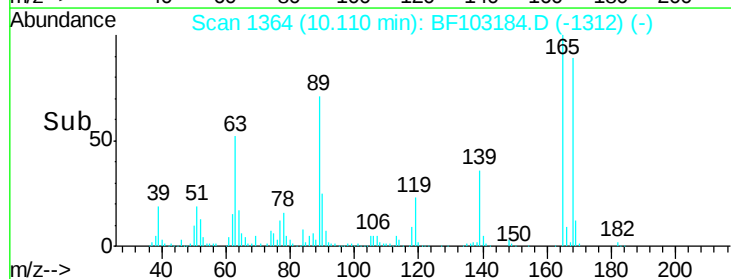
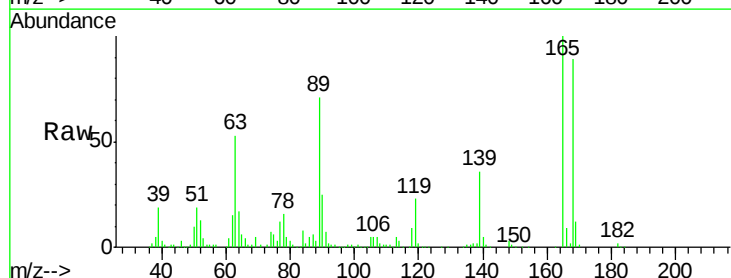
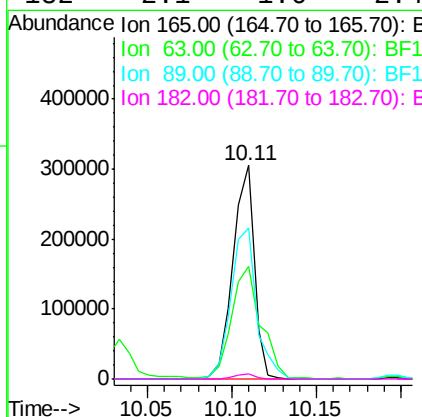
Manual Integrations  
APPROVED

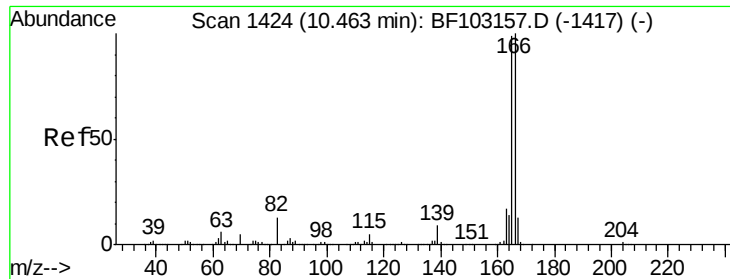
Sohil  
2/26/2018 9:54:26 AM



#56  
2,4-Dinitrotoluene  
Concen: 39.513 ng  
RT: 10.11 min Scan# 1364  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 268449 |       |       |
| 63      | 52.6  | 36.4   | 54.6  |       |
| 89      | 70.8  | 57.8   | 86.6  |       |
| 182     | 2.1   | 1.6    | 2.4   |       |





#57

Fluorene

Concen: 36.007 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA\_F

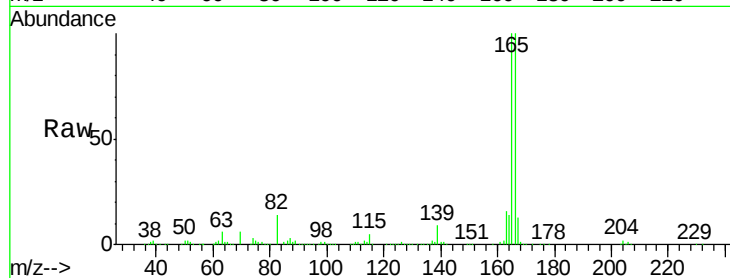
ClientSampleId :

SSTDCCC040

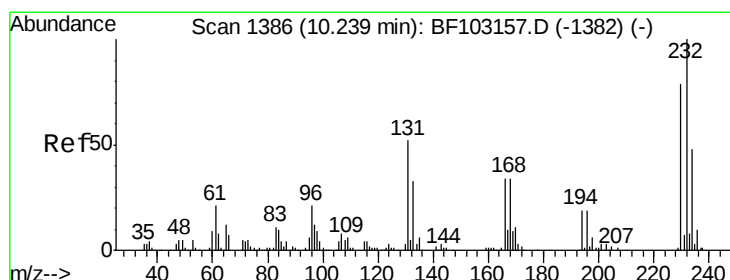
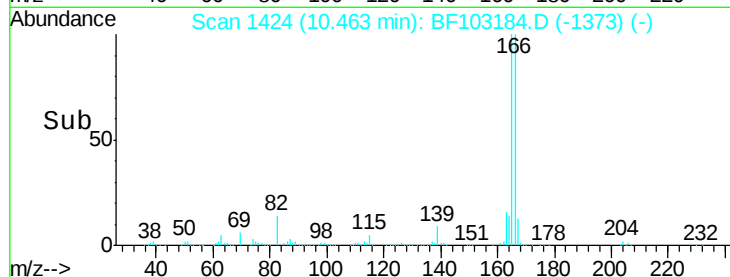
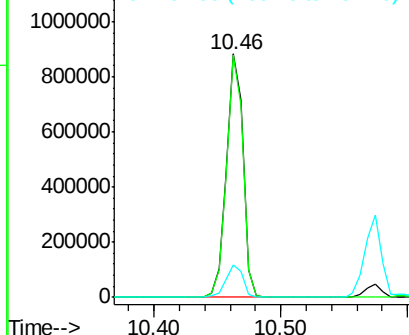
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 799136 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.6  | 79.8  | 119.8  |
| 167       | 13.5  | 10.6  | 16.0   |

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.158 ng

RT: 10.24 min Scan# 1386

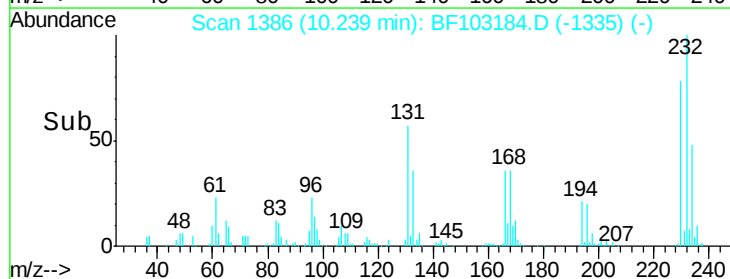
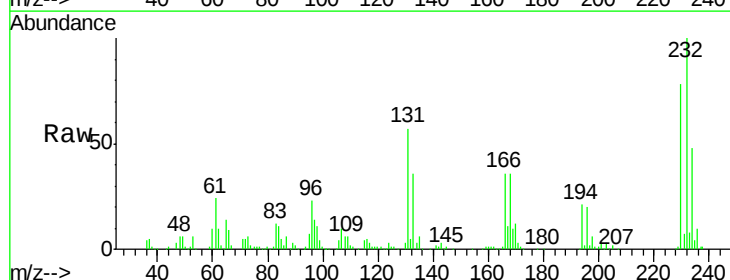
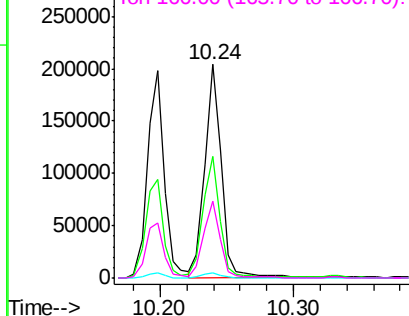
Delta R.T. -0.00 min

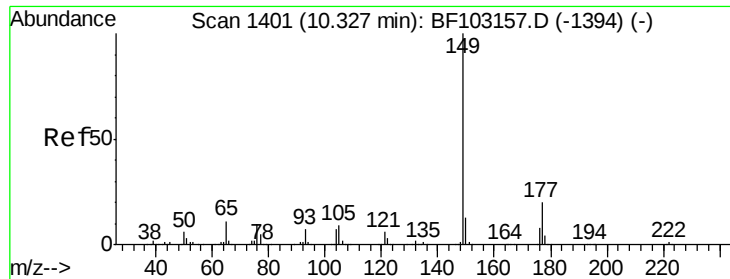
Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 177590 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 57.4  | 43.8  | 65.8   |
| 130       | 2.8   | 2.1   | 3.1    |
| 166       | 35.8  | 27.8  | 41.6   |

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





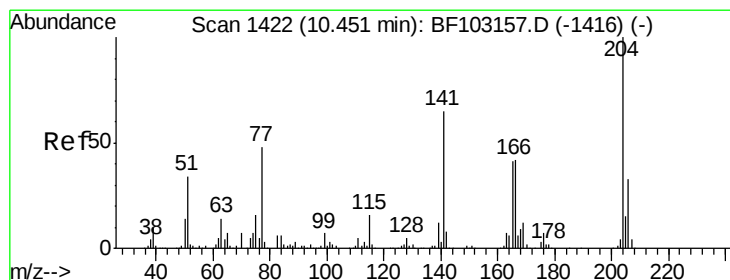
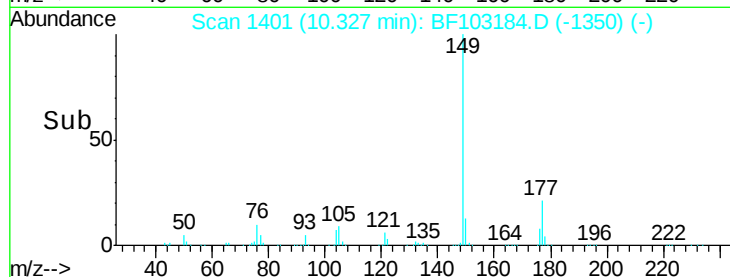
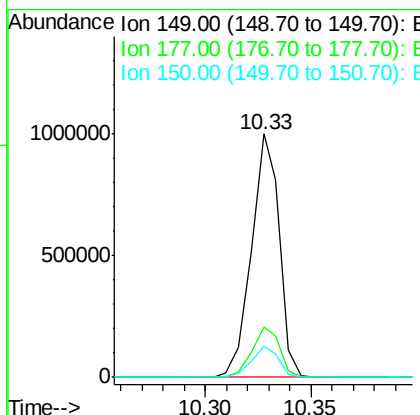
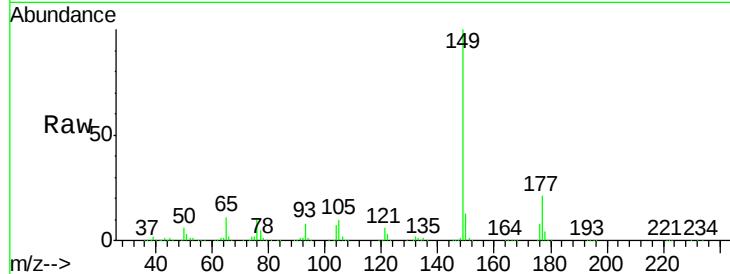
#59  
Diethylphthalate  
Concen: 37.253 ng  
RT: 10.33 min Scan# 1401  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.6  | 16.1  | 24.1  |
| 150     | 12.6  | 10.1  | 15.1  |

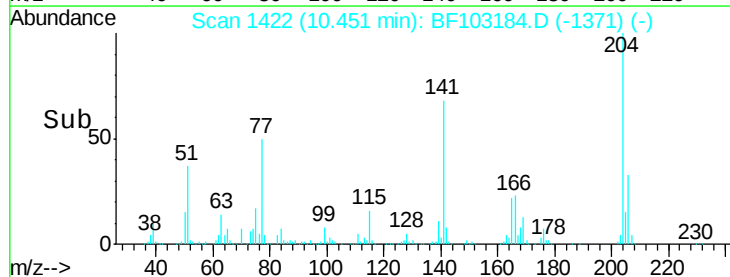
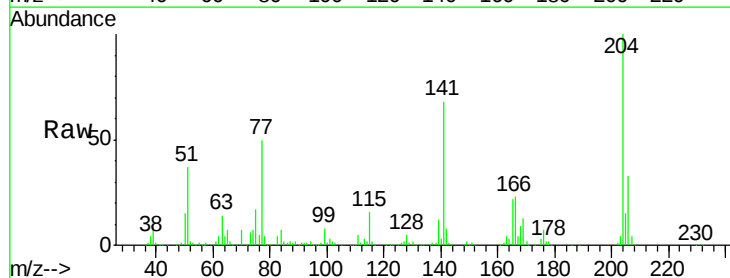
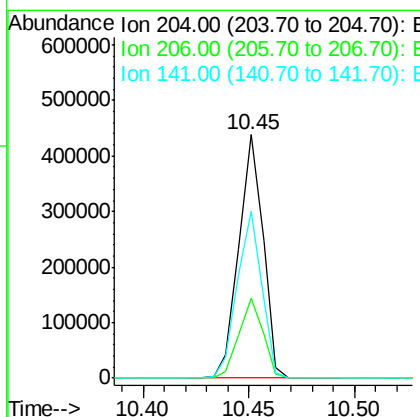
Manual Integrations  
APPROVED

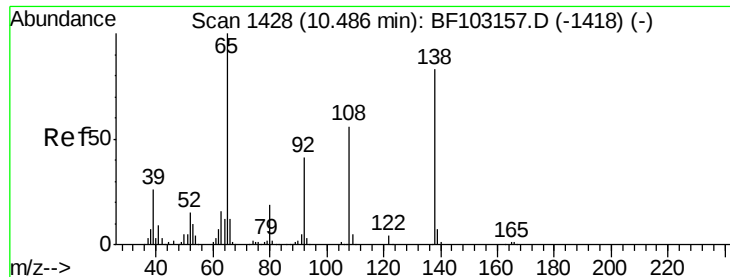
Sohil  
2/26/2018 9:54:26 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 37.027 ng  
RT: 10.45 min Scan# 1422  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.8  | 26.5  | 39.7  |
| 141     | 68.4  | 54.6  | 81.8  |





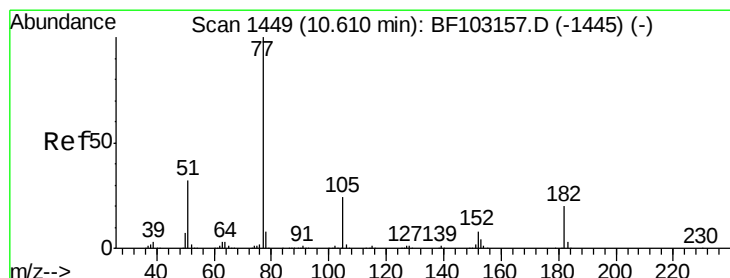
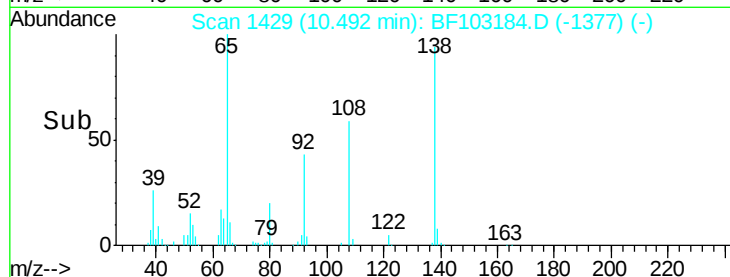
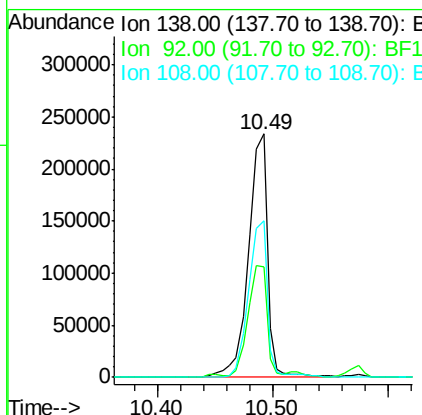
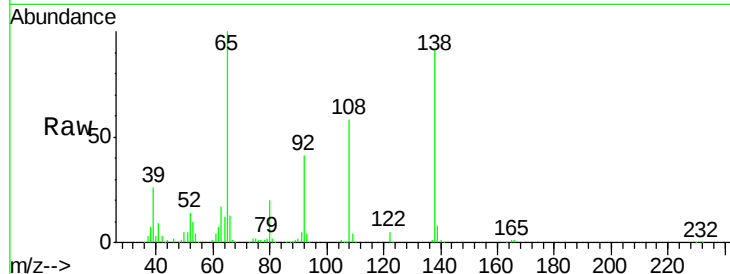
#61  
4-Nitroaniline  
Concen: 39.631 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 45.5  | 30.2  | 70.2  |
| 108     | 64.2  | 52.5  | 92.5  |

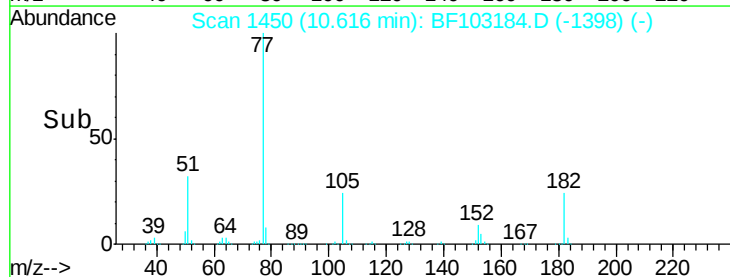
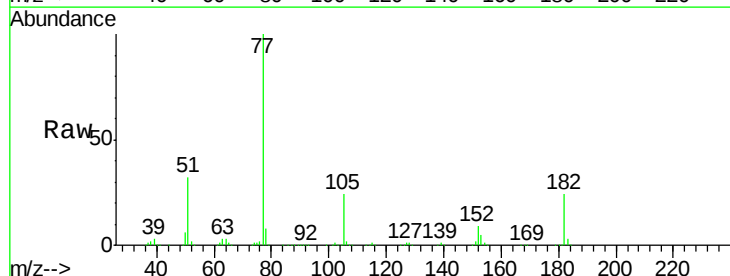
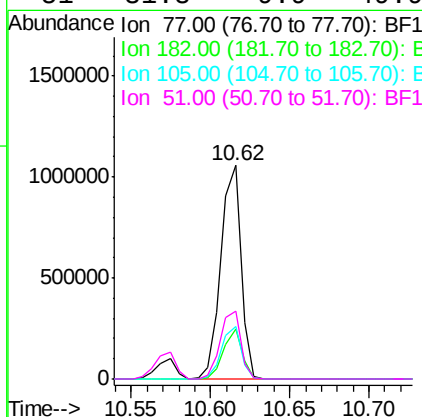
Manual Integrations  
APPROVED

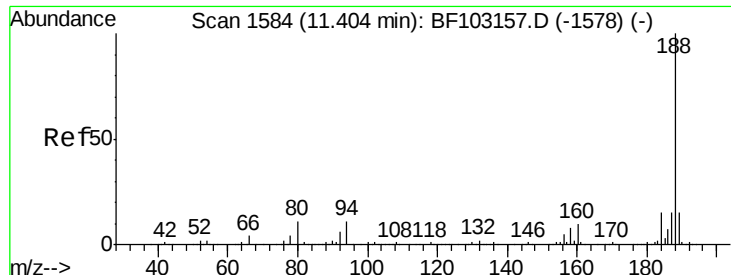
Sohil  
2/26/2018 9:54:26 AM



#62  
Azobenzene  
Concen: 37.569 ng  
RT: 10.62 min Scan# 1450  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.7  | 1.7   | 41.7  |
| 105     | 24.3  | 3.0   | 43.0  |
| 51      | 31.8  | 9.9   | 49.9  |





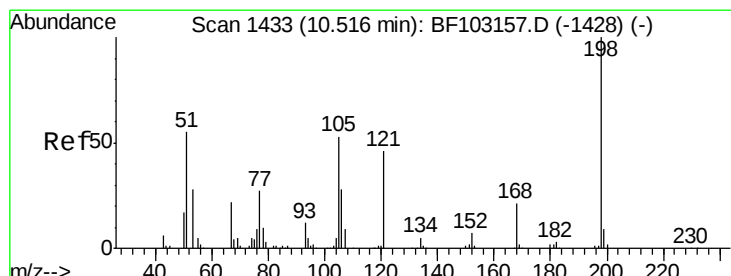
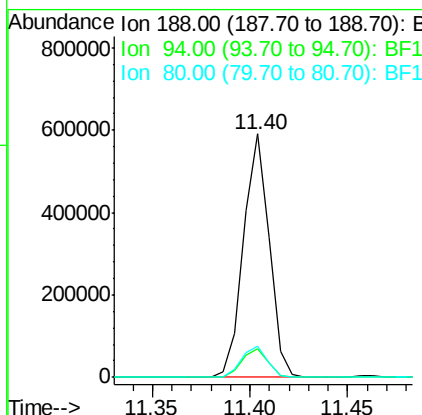
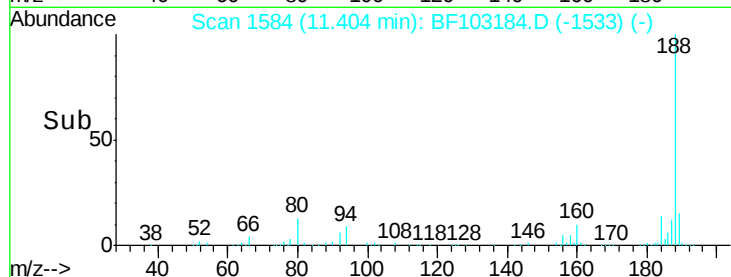
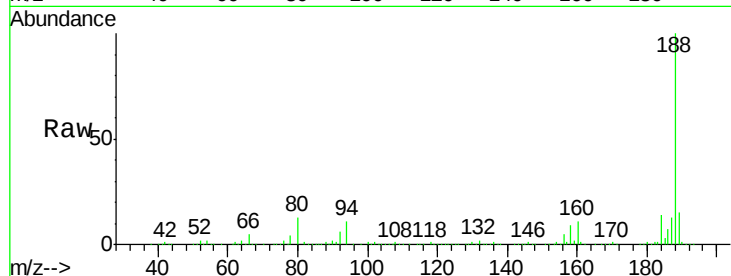
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 11.5  | 8.5        | 12.7  |
| 80      | 12.8  | 9.2        | 13.8  |

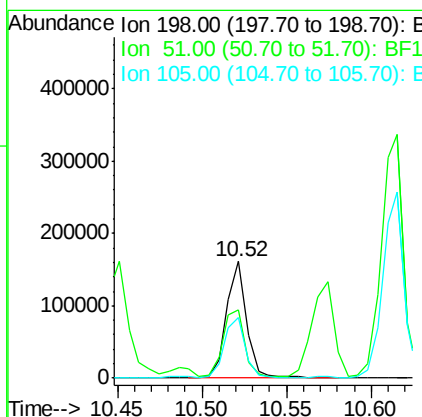
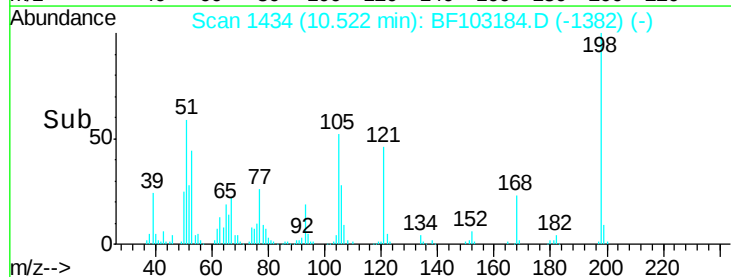
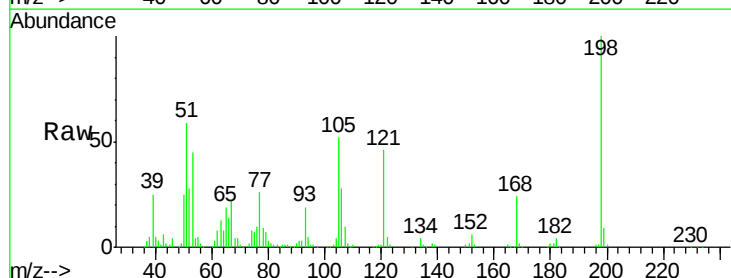
Manual Integrations  
APPROVED

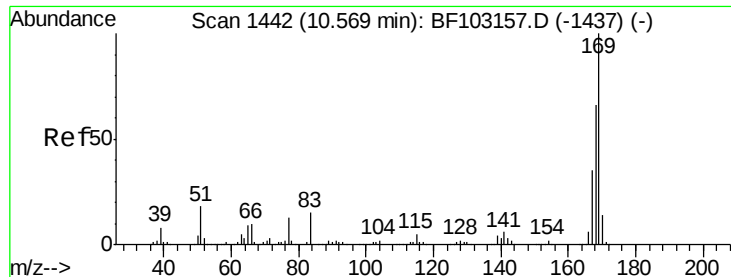
Sohil  
2/26/2018 9:54:26 AM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 41.741 ng  
RT: 10.52 min Scan# 1434  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 58.9  | 37.7       | 77.7  |
| 105     | 51.6  | 36.3       | 76.3  |





#65

n-Nitrosodiphenylamine

Concen: 38.099 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 717282

Ion Ratio Lower Upper

169 100

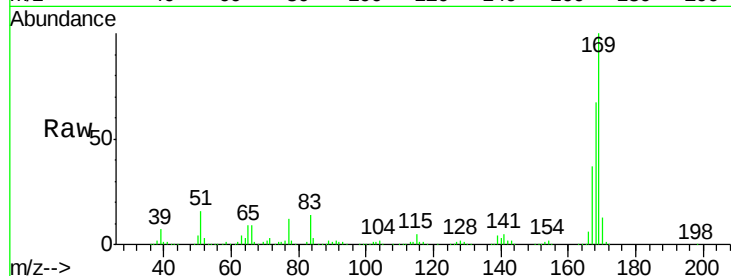
168 66.7 54.4 81.6

167 37.0 29.8 44.6

Manual Integrations  
APPROVED

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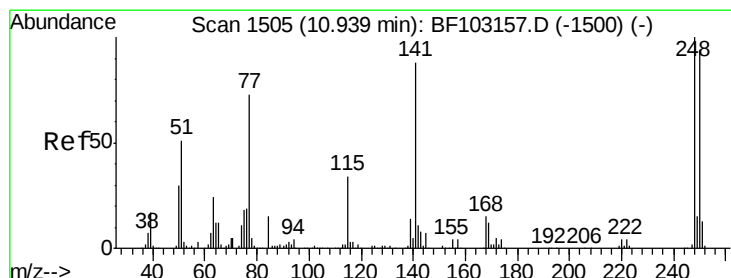
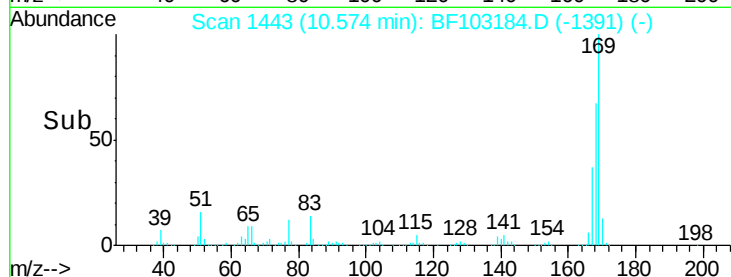
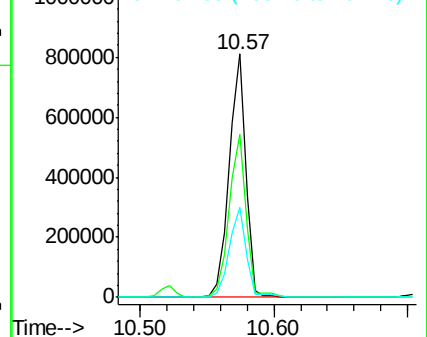
2/26/2018 9:54:26 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.682 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

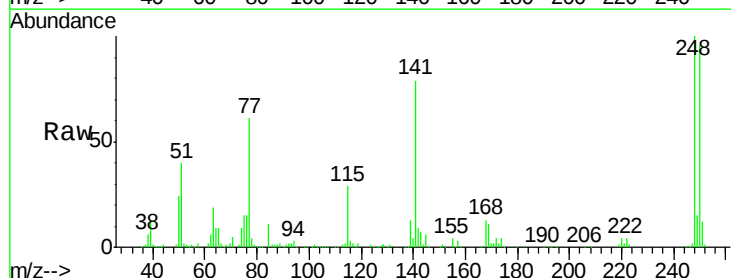
Tgt Ion:248 Resp: 217883

Ion Ratio Lower Upper

248 100

250 96.1 76.9 115.3

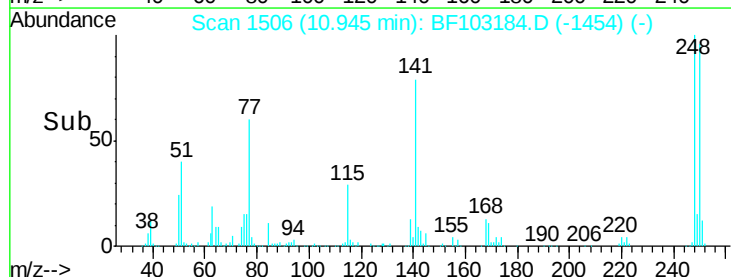
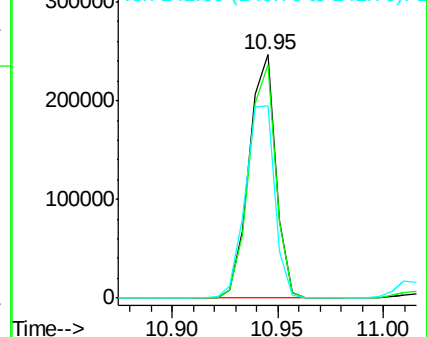
141 78.9 74.4 111.6

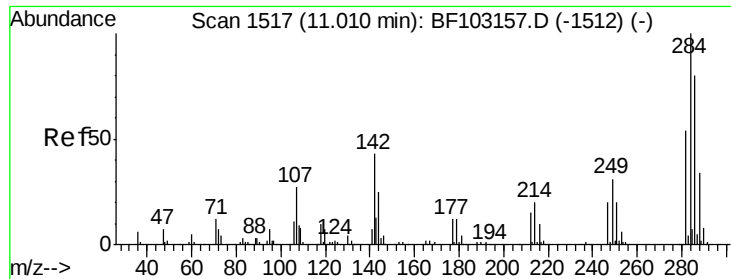


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





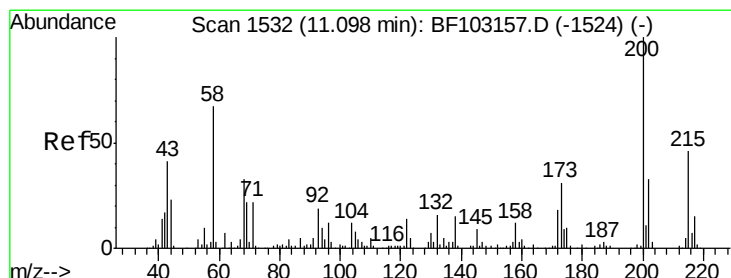
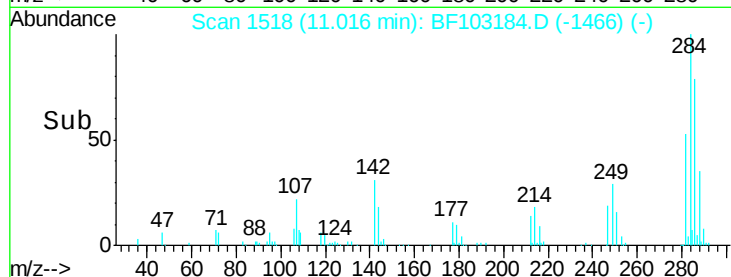
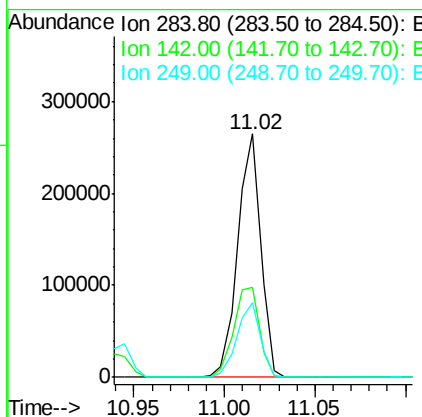
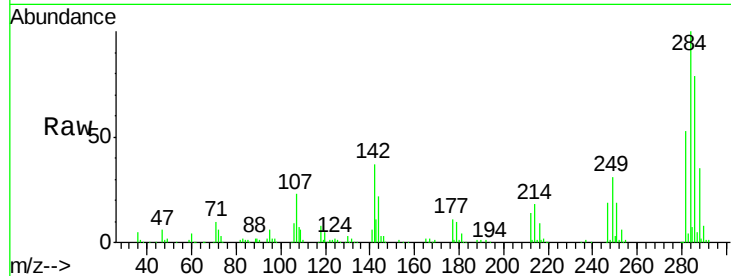
#67  
Hexachlorobenzene  
Concen: 38.293 ng  
RT: 11.02 min Scan# 1518  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 234112 |       |       |
| 142     | 36.9  | 34.6   | 52.0  |       |
| 249     | 30.7  | 24.8   | 37.2  |       |

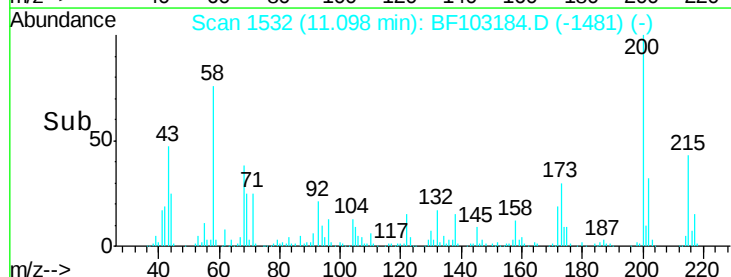
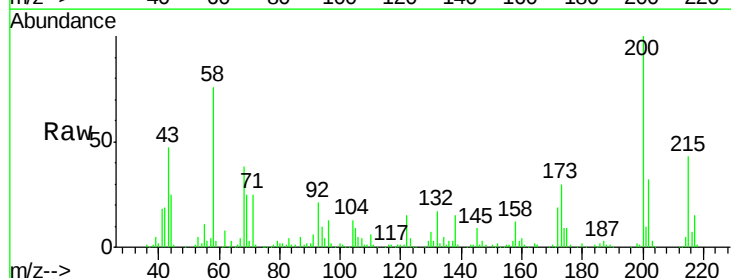
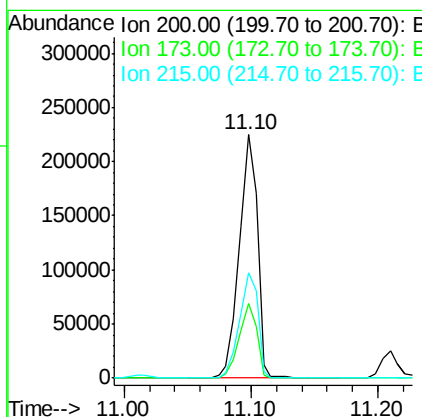
Manual Integrations  
APPROVED

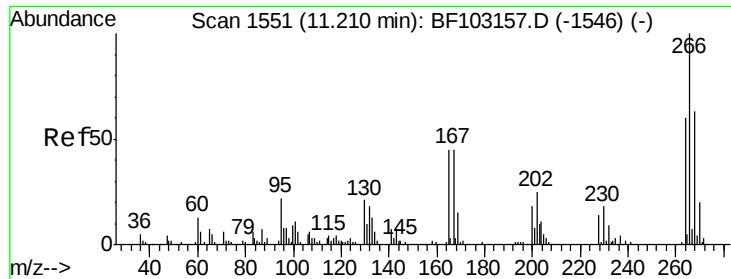
Sohil  
2/26/2018 9:54:26 AM



#68  
Atrazine  
Concen: 38.877 ng  
RT: 11.10 min Scan# 1532  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 219999 |       |       |
| 173     | 30.4  | 8.6    | 48.6  |       |
| 215     | 43.2  | 25.1   | 65.1  |       |





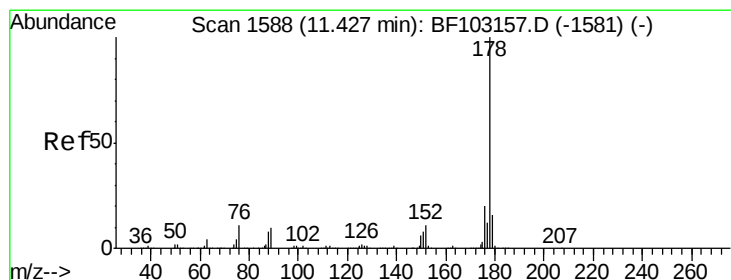
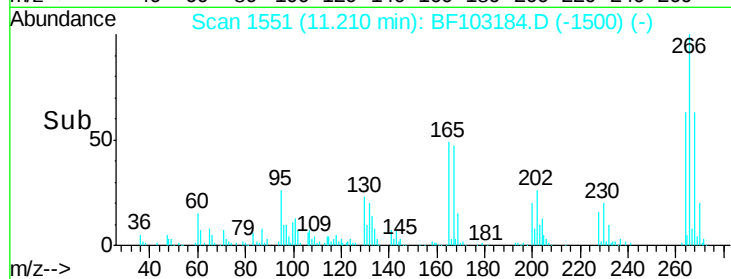
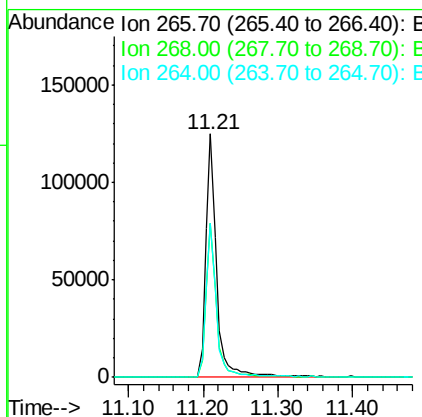
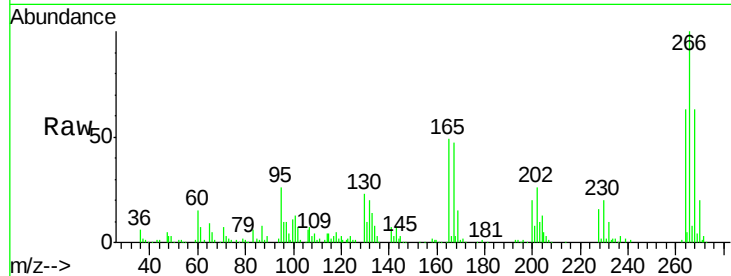
#69  
 Pentachlorophenol  
 Concen: 43.075 ng  
 RT: 11.21 min Scan# 1551  
 Delta R.T. -0.00 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.4  | 51.1  | 76.7  |
| 264     | 63.2  | 49.5  | 74.3  |

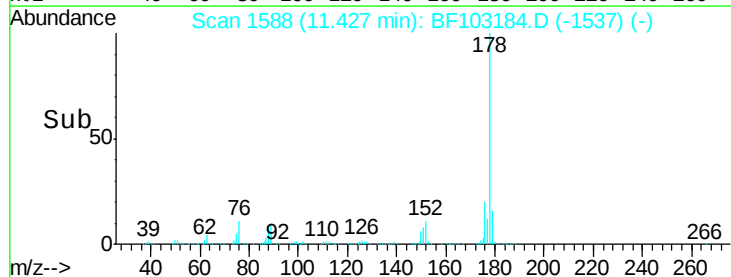
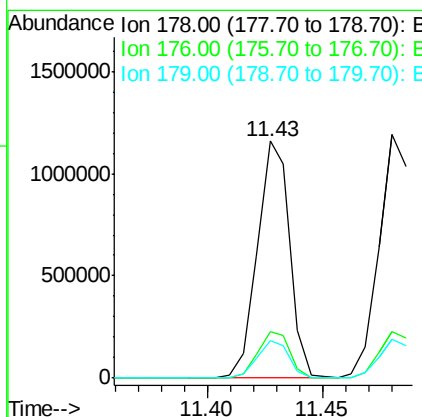
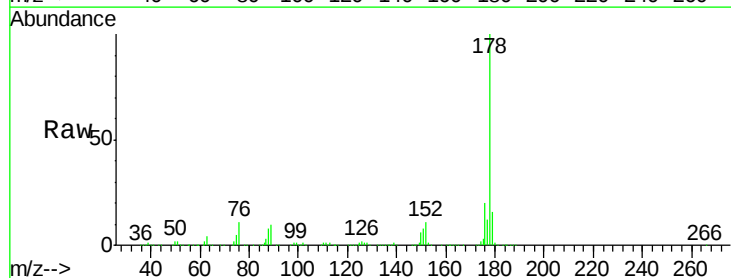
Manual Integrations  
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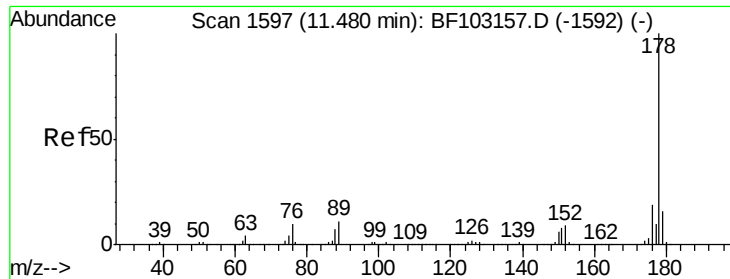
Sohil  
 2/26/2018 9:54:26 AM



#70  
 Phenanthrene  
 Concen: 37.921 ng  
 RT: 11.43 min Scan# 1588  
 Delta R.T. -0.00 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.8  | 23.8  |
| 179     | 15.6  | 13.0  | 19.6  |





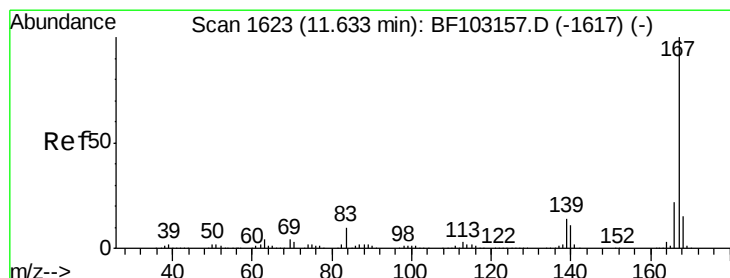
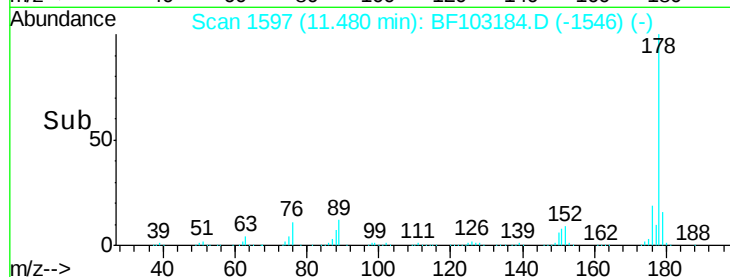
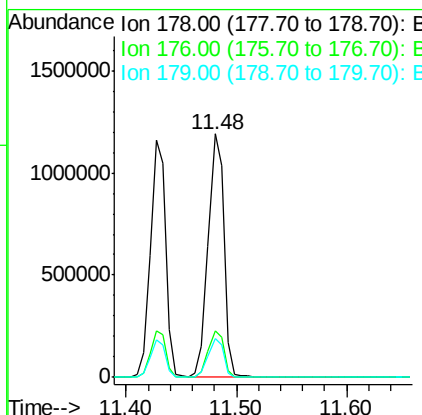
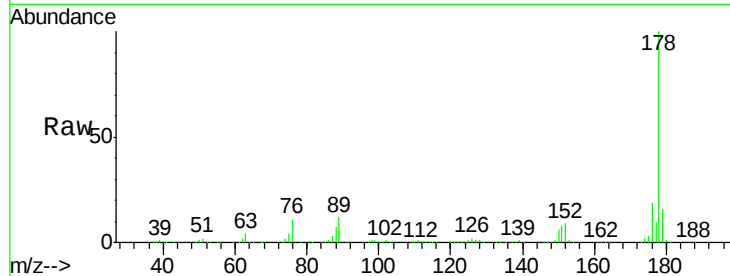
#71  
 Anthracene  
 Concen: 37.564 ng  
 RT: 11.48 min Scan# 1597  
 Delta R.T. -0.00 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:178 Resp: 1146236  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 15.4 23.2  
 179 15.9 12.6 19.0

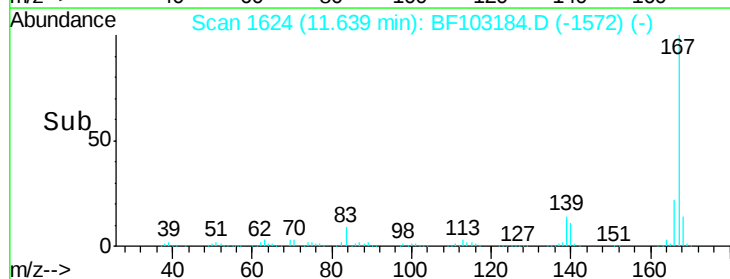
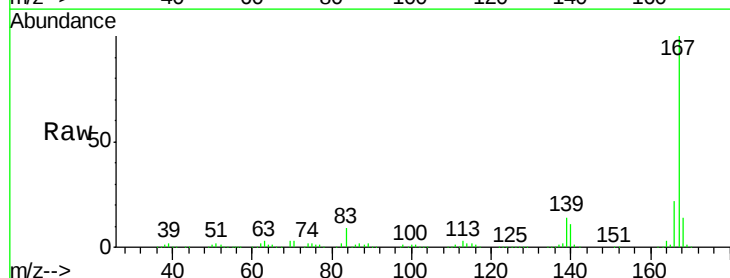
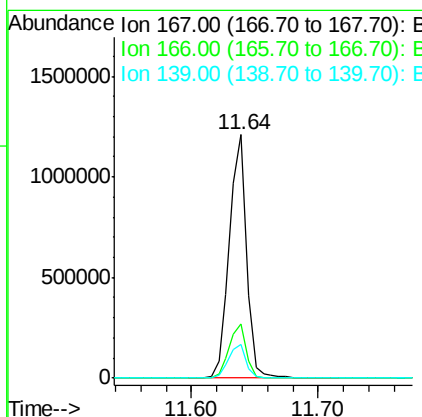
Manual Integrations  
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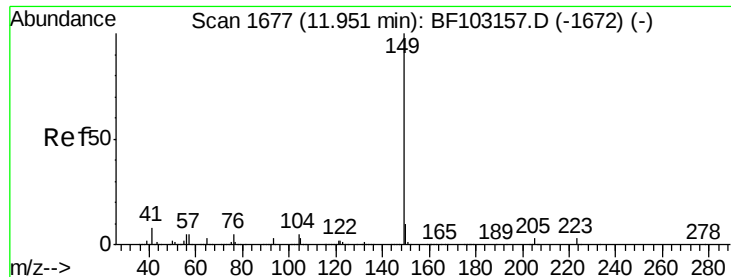
Sohil  
 2/26/2018 9:54:26 AM



#72  
 Carbazole  
 Concen: 37.376 ng  
 RT: 11.64 min Scan# 1624  
 Delta R.T. 0.01 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

Tgt Ion:167 Resp: 1135734  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 17.6 26.4  
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.284 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1417647

Ion Ratio Lower Upper

149 100

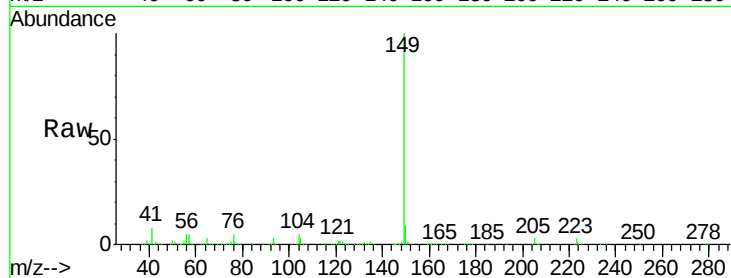
150 9.4 7.8 11.6

104 4.8 3.8 5.8

Manual Integrations  
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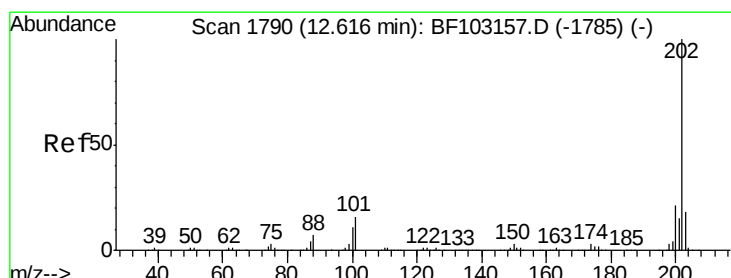
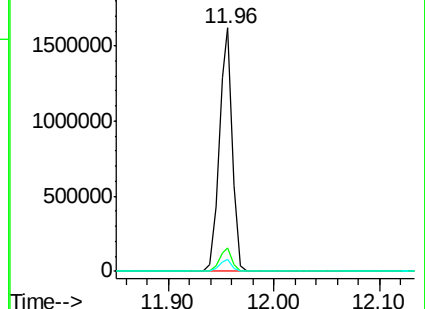
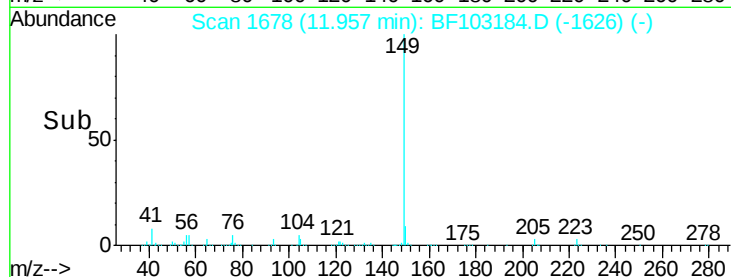
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.641 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

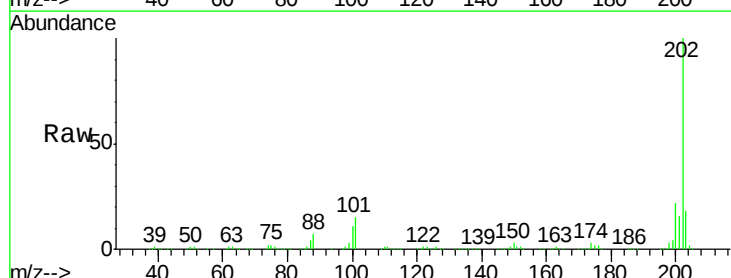
Tgt Ion:202 Resp: 1125585

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.1

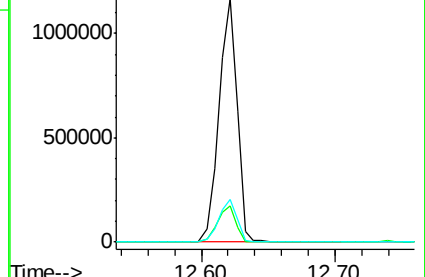
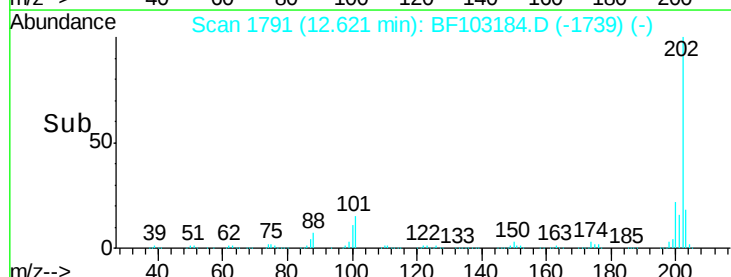
203 17.6 0.0 38.1

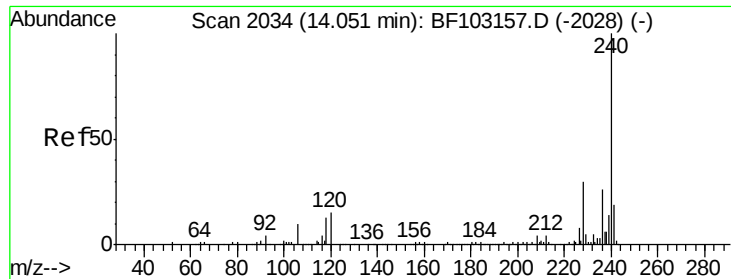


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA\_F

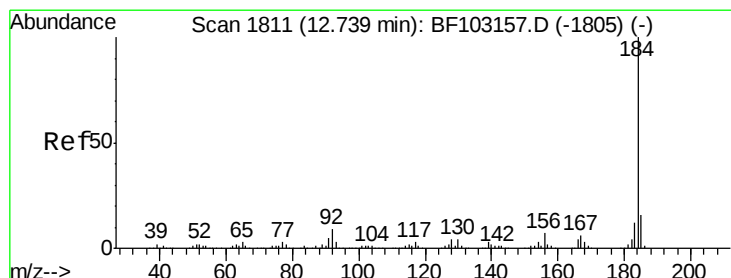
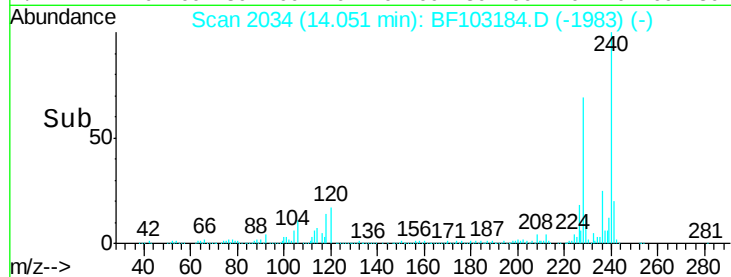
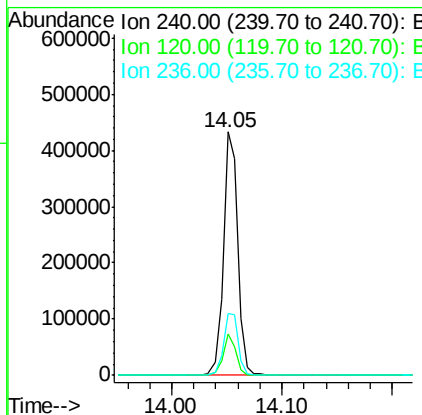
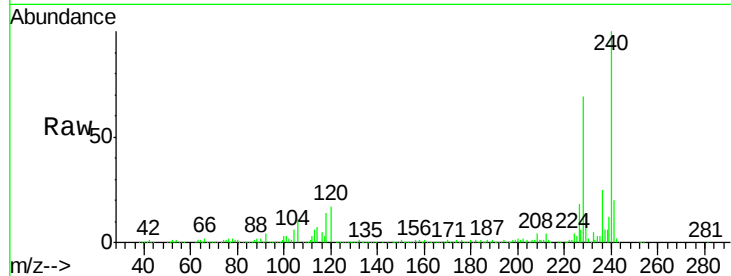
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 17.0  | 9.5   | 14.3# |
| 236     | 25.5  | 20.7  | 31.1  |

Manual Integrations  
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#76

Benzidine

Concen: 37.792 ng

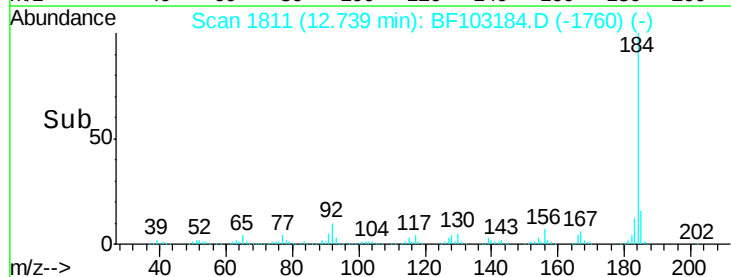
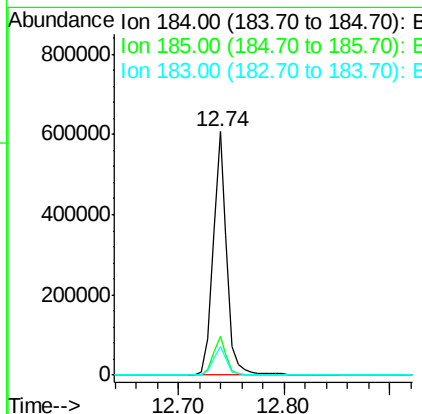
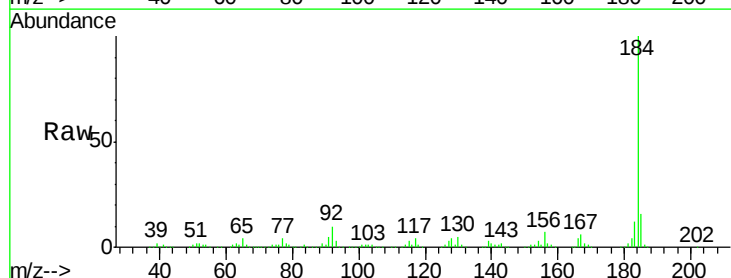
RT: 12.74 min Scan# 1811

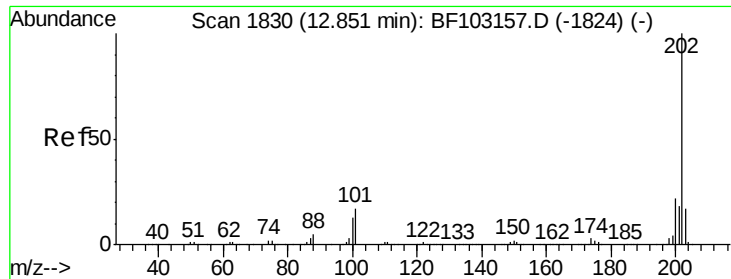
Delta R.T. 0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.9  | 12.6  | 18.8  |
| 183     | 11.8  | 9.3   | 13.9  |





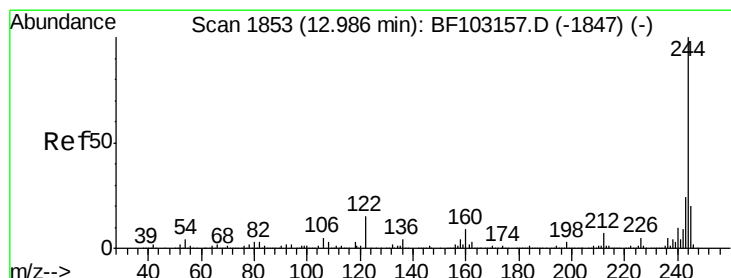
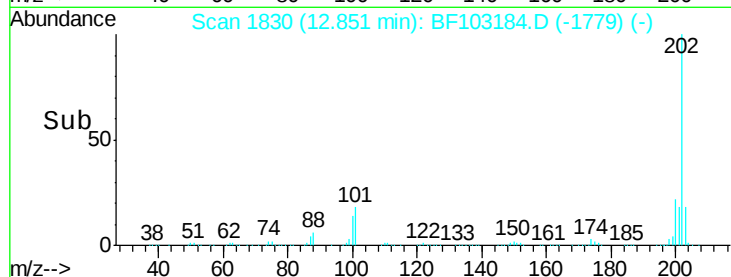
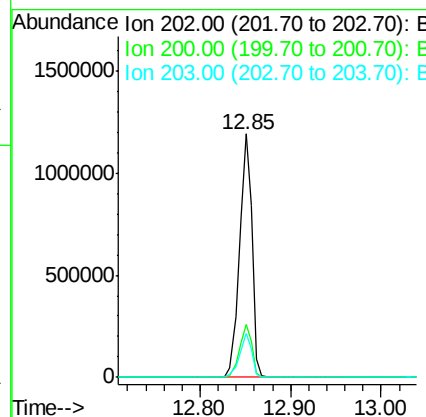
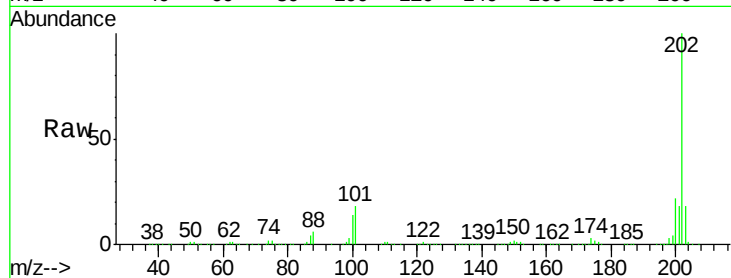
#77  
Pvrene  
Concen: 38.169 ng  
RT: 12.85 min Scan# 1830  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.5  | 17.4  | 26.2  |
| 203     | 17.8  | 14.3  | 21.5  |

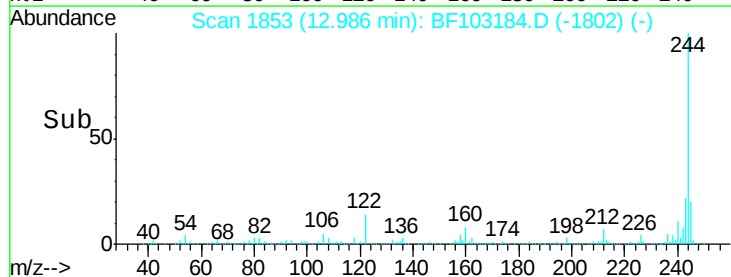
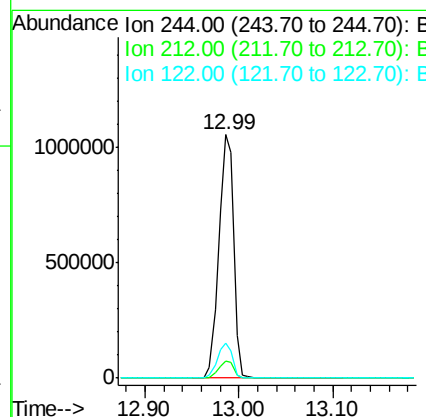
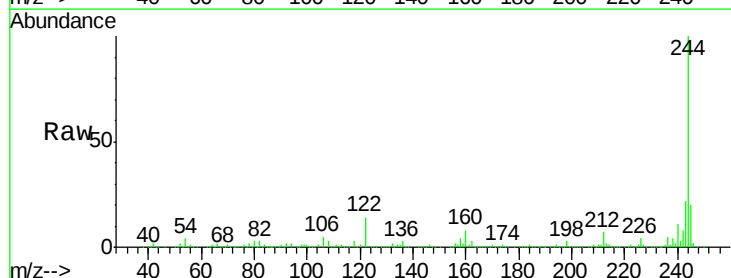
Manual Integrations  
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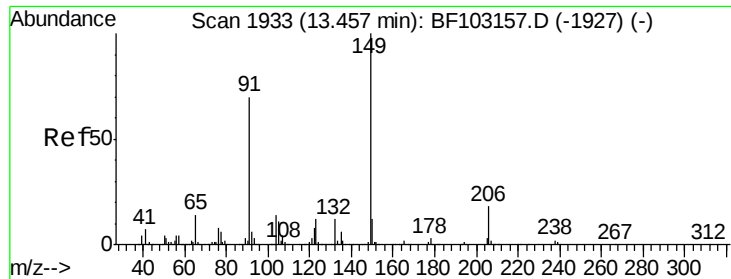
Sohil  
2/26/2018 9:54:26 AM



#78  
Terphenyl-d14  
Concen: 72.318 ng  
RT: 12.99 min Scan# 1853  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.0   | 5.4   | 8.0   |
| 122     | 14.4  | 11.0  | 16.4  |





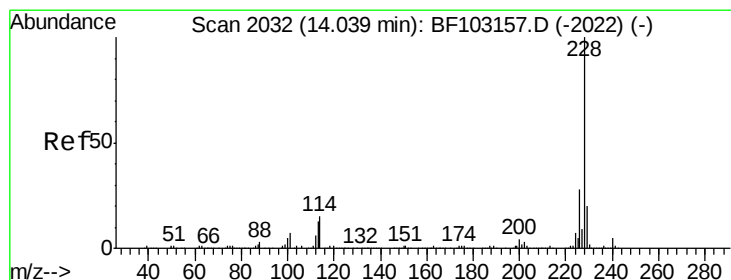
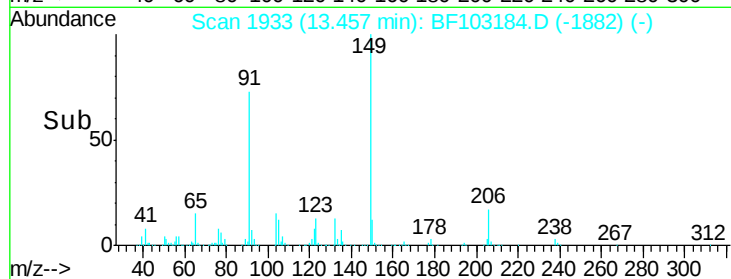
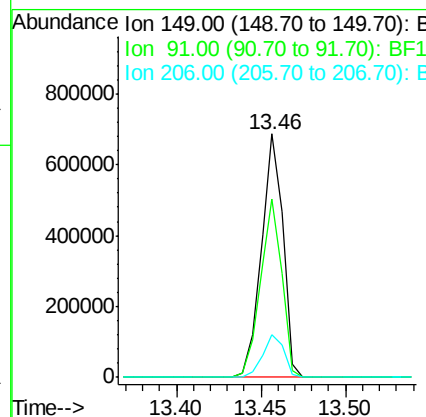
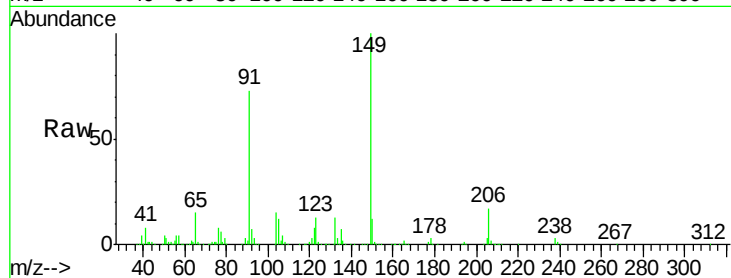
#79  
Butylbenzylphthalate  
Concen: 37.942 ng  
RT: 13.46 min Scan# 1933  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 73.5  | 56.8  | 85.2  |
| 206     | 17.4  | 14.1  | 21.1  |

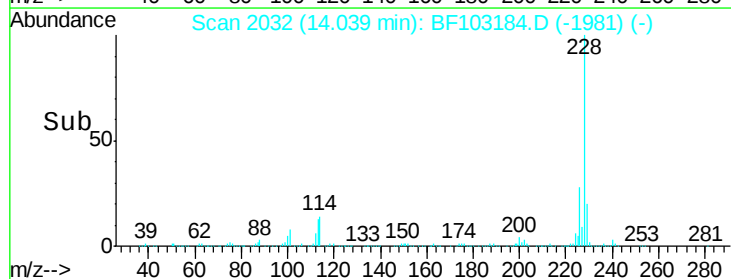
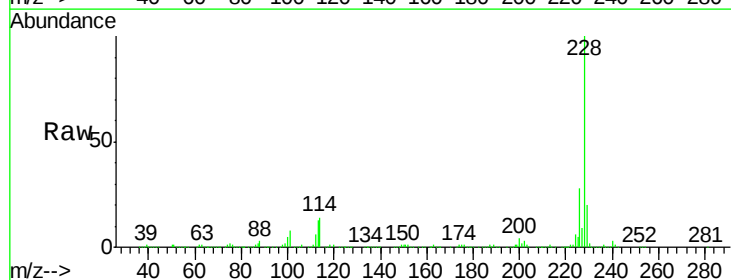
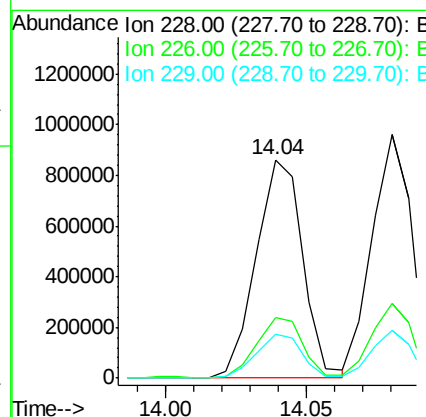
Manual Integrations  
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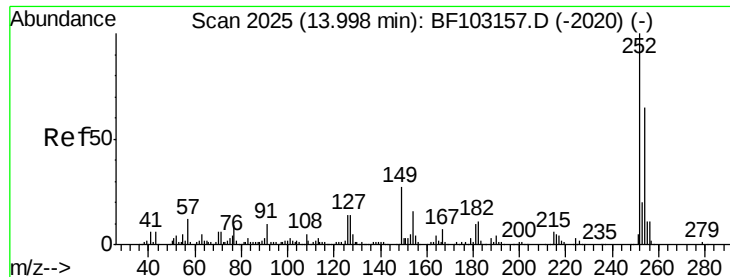
Sohil  
2/26/2018 9:54:26 AM



#80  
Benzo(a)anthracene  
Concen: 38.923 ng  
RT: 14.04 min Scan# 2032  
Delta R.T. -0.00 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.7  | 22.6  | 33.8  |
| 229     | 20.3  | 15.8  | 23.6  |





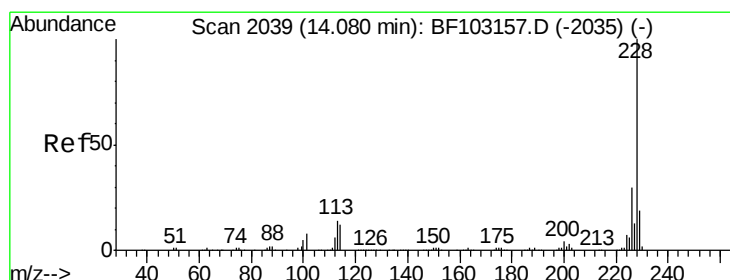
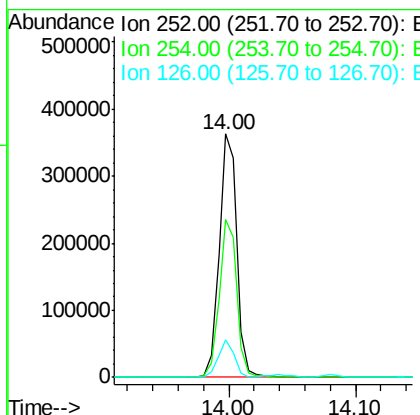
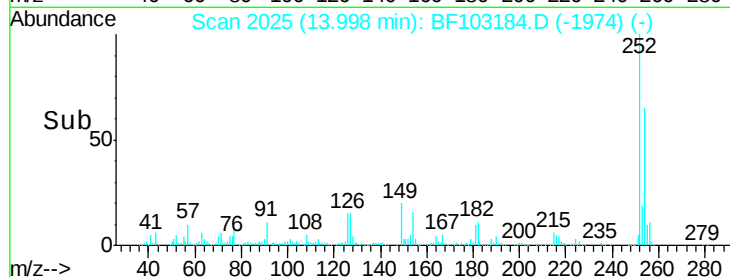
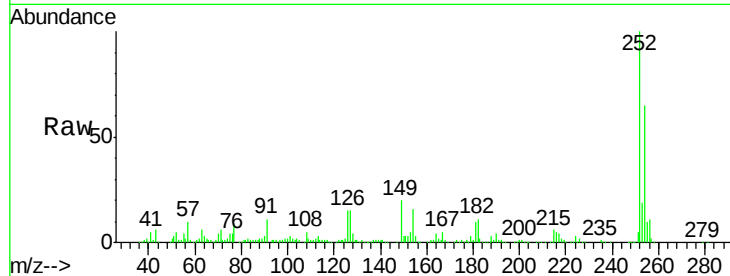
#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.143 ng  
 RT: 14.00 min Scan# 2025  
 Delta R.T. -0.00 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.6  | 50.4  | 75.6  |
| 126     | 15.3  | 11.3  | 16.9  |

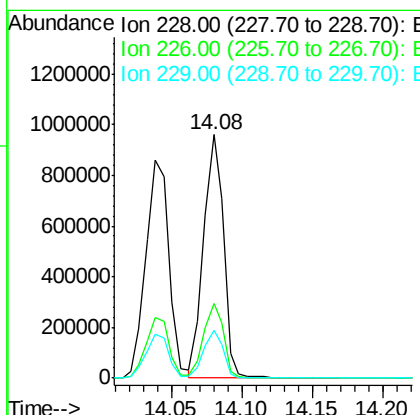
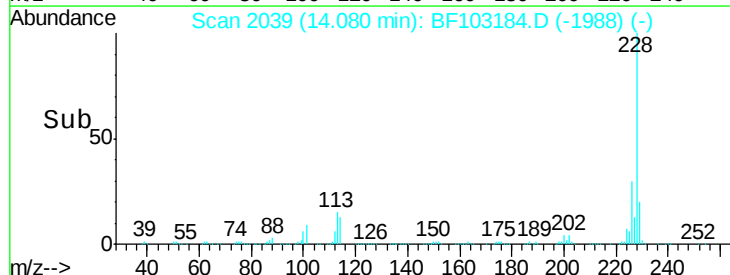
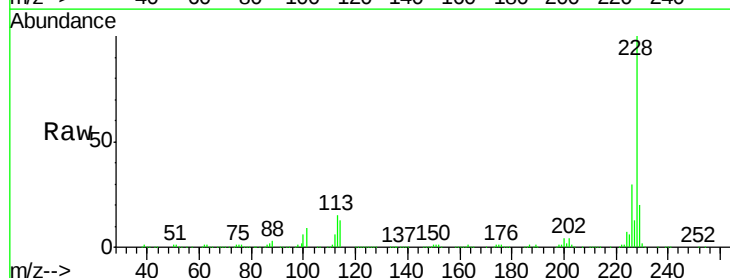
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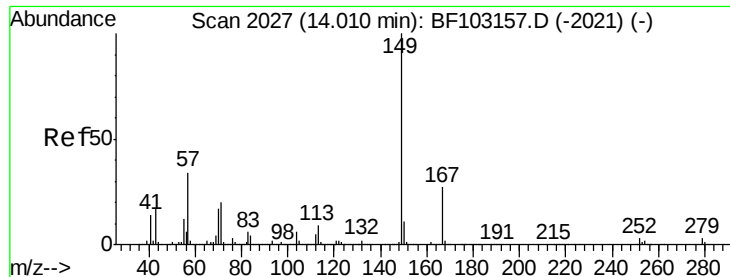
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#82  
 Chrysene  
 Concen: 38.219 ng  
 RT: 14.08 min Scan# 2039  
 Delta R.T. -0.00 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.4  | 25.0  | 37.6  |
| 229     | 19.8  | 16.2  | 24.4  |





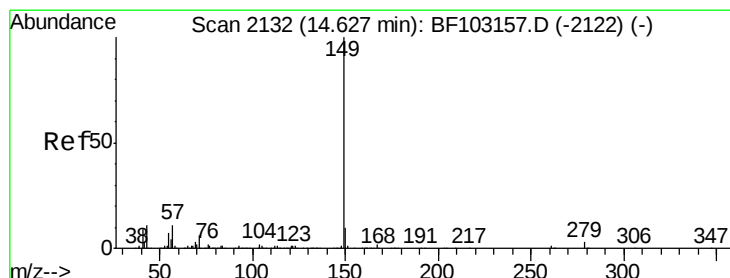
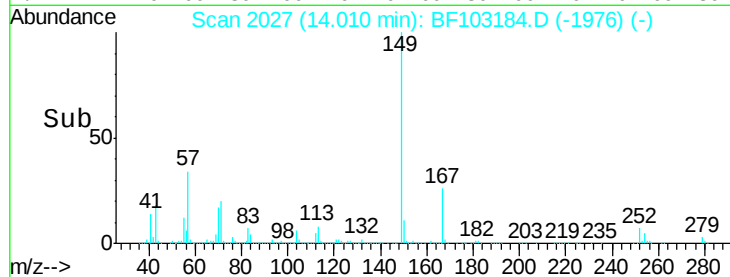
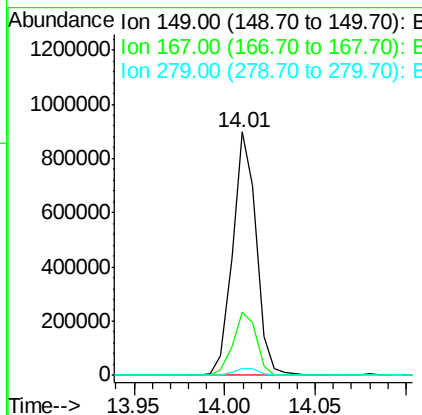
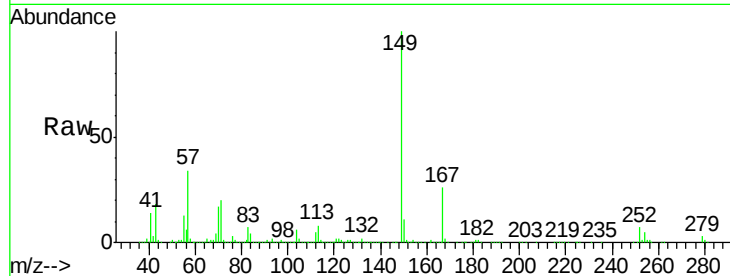
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.264 ng  
 RT: 14.01 min Scan# 2027  
 Delta R.T. -0.00 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.0  | 21.3  | 31.9  |
| 279     | 3.0   | 3.0   | 4.4   |

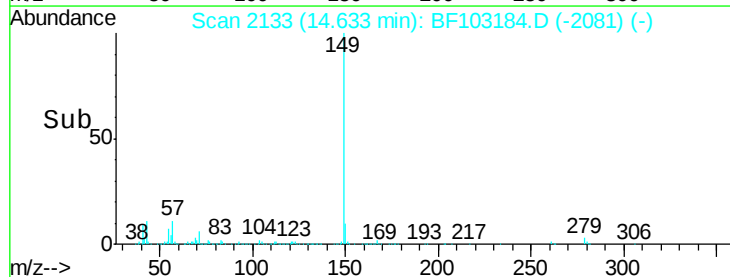
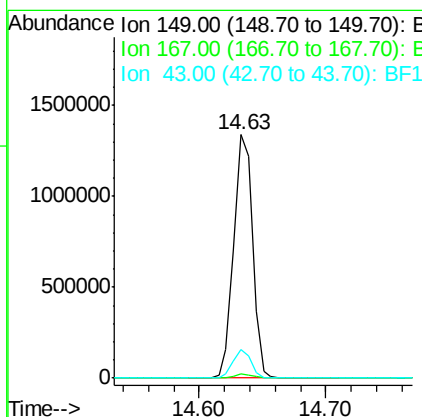
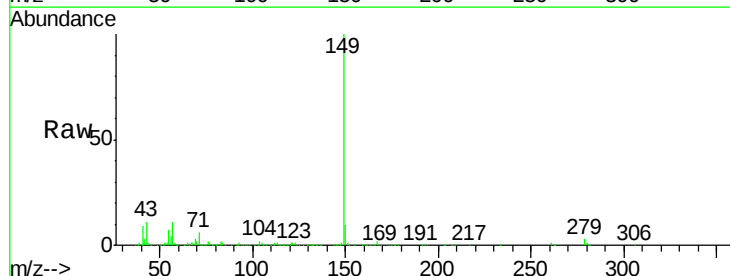
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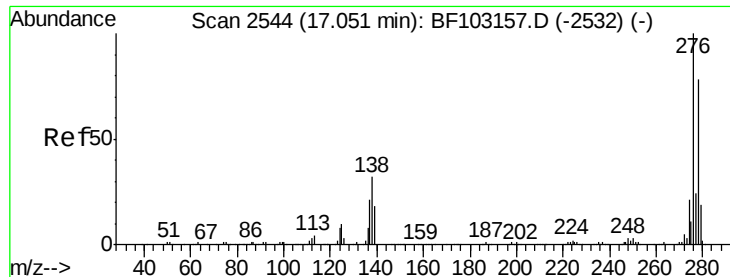
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#84  
 Di-n-octyl phthalate  
 Concen: 38.713 ng  
 RT: 14.63 min Scan# 2133  
 Delta R.T. 0.01 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.2   | 1.8   |
| 43      | 11.1  | 8.4   | 12.6  |





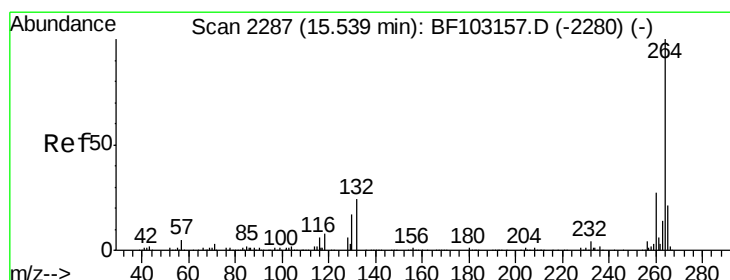
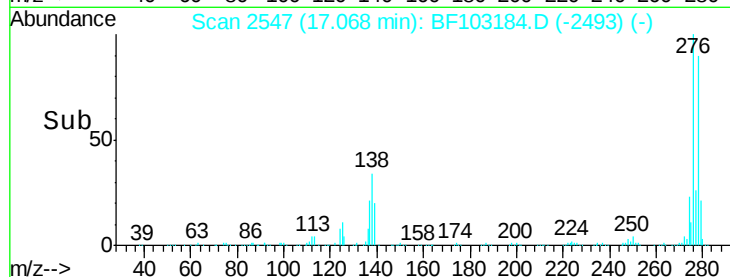
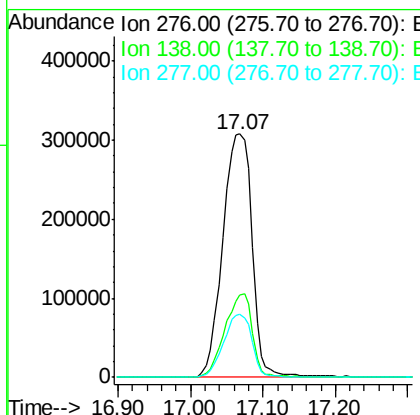
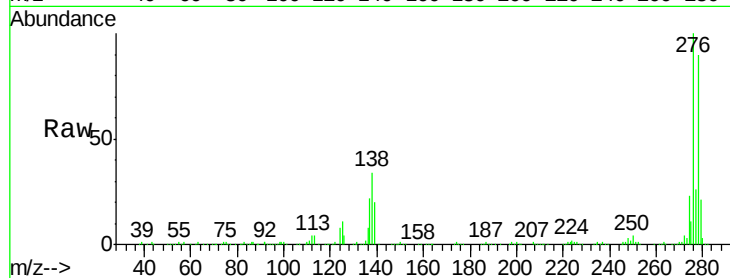
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 44.373 ng  
RT: 17.07 min Scan# 2547  
Delta R.T. 0.02 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 32.4  | 25.0  | 37.6  |
| 277     | 25.0  | 20.1  | 30.1  |

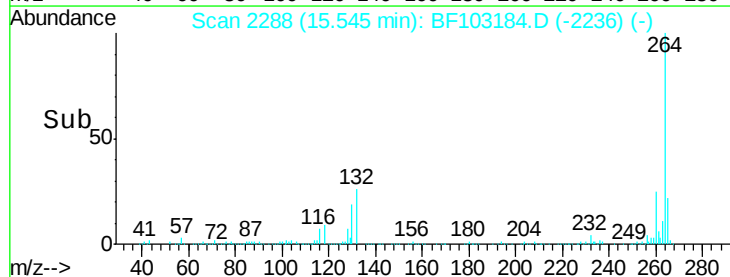
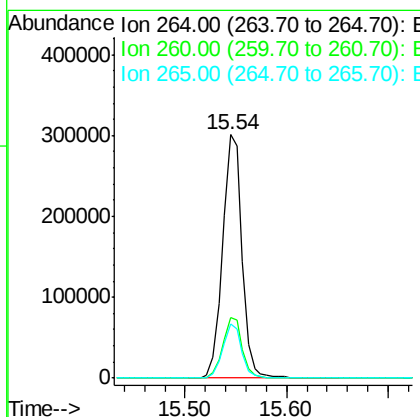
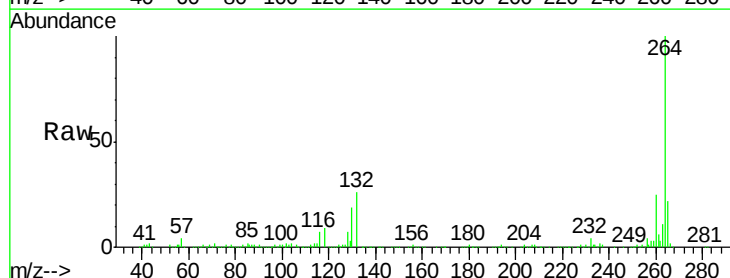
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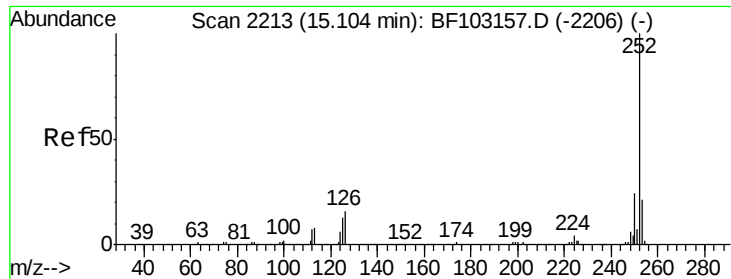
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.54 min Scan# 2288  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.8  | 19.2  | 28.8  |
| 265     | 22.2  | 17.5  | 26.3  |





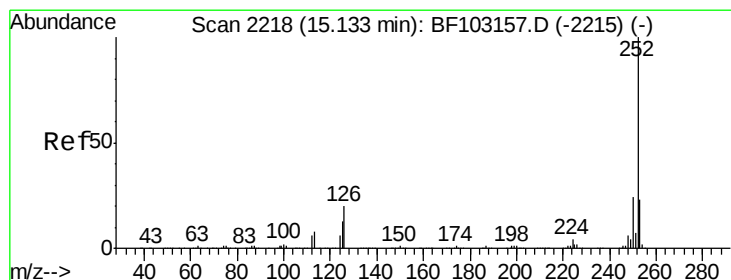
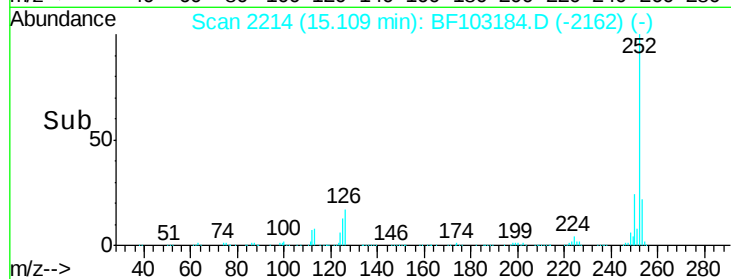
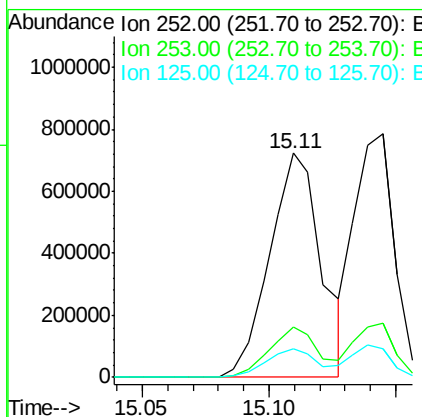
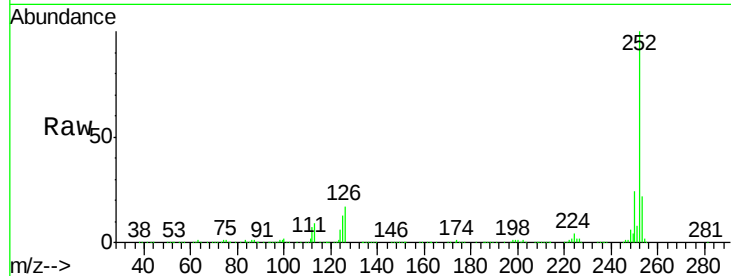
#87  
Benzo(b)fluoranthene  
Concen: 39.137 ng  
RT: 15.11 min Scan# 2214  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.0  | 25.6  |
| 125     | 12.7  | 9.0   | 13.6  |

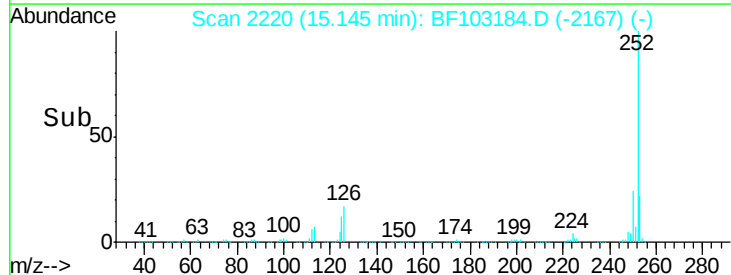
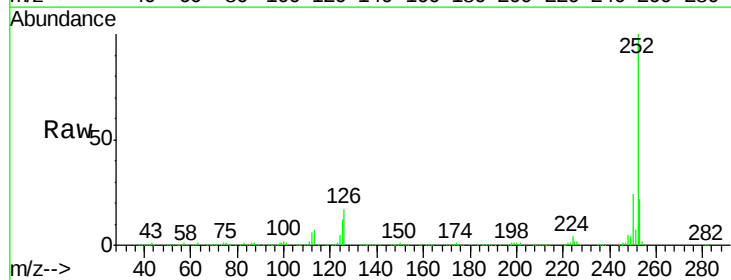
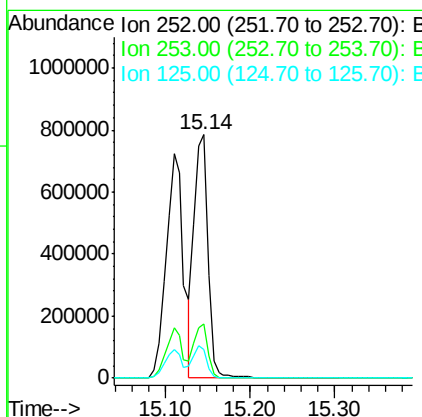
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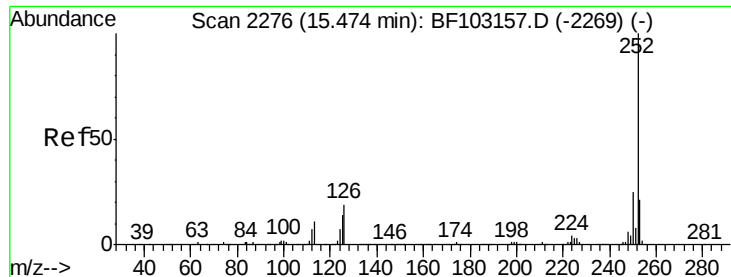
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#88  
Benzo(k)fluoranthene  
Concen: 35.500 ng  
RT: 15.14 min Scan# 2220  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.9  | 26.9  |
| 125     | 11.6  | 10.2  | 15.2  |





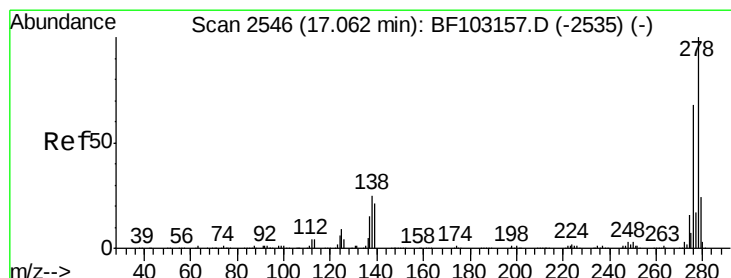
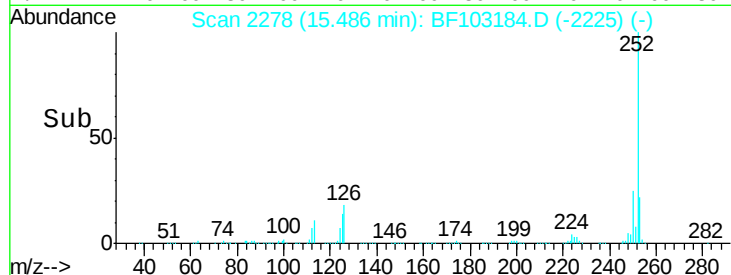
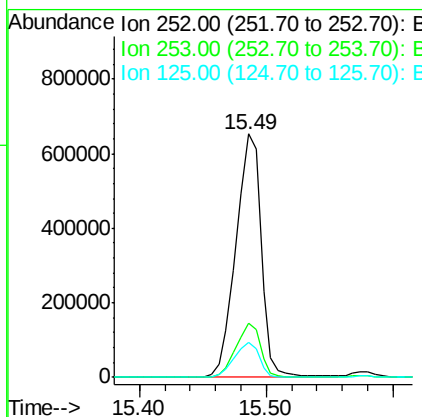
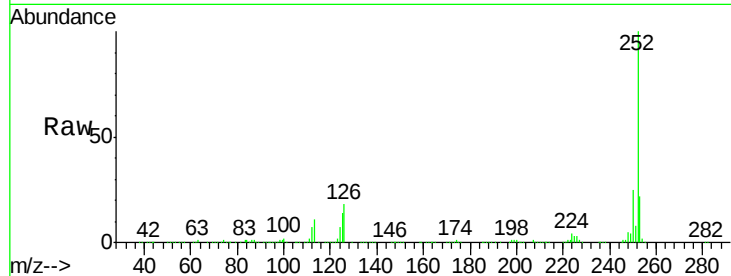
#89  
Benzo(a)pyrene  
Concen: 38.378 ng  
RT: 15.49 min Scan# 2278  
Delta R.T. 0.01 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.1  | 25.7  |
| 125     | 14.5  | 9.8   | 14.6  |

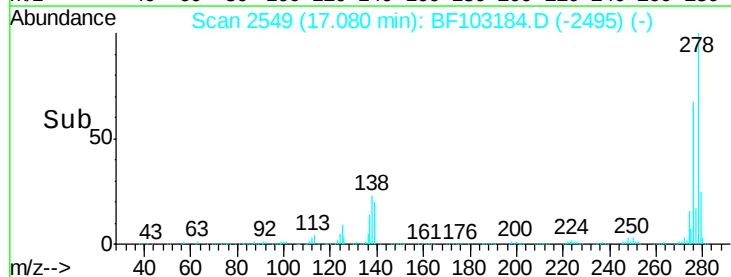
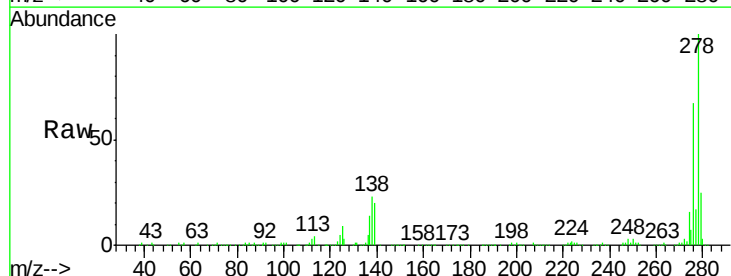
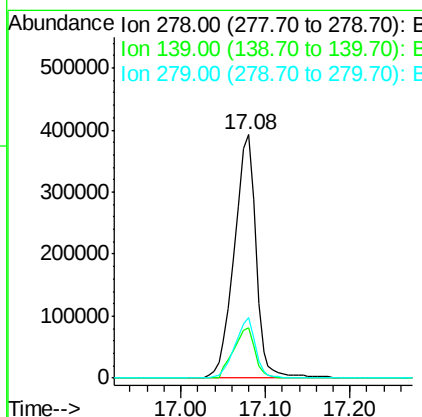
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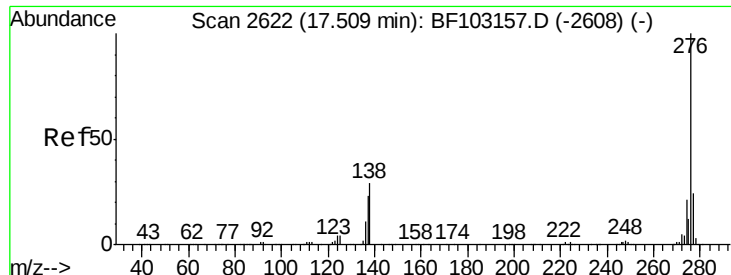
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#90  
Dibenzo(a,h)anthracene  
Concen: 38.451 ng  
RT: 17.08 min Scan# 2549  
Delta R.T. 0.02 min  
Lab File: BF103184.D  
Acq: 23 Feb 2018 8:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.5  | 15.9  | 23.9  |
| 279     | 24.6  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 41.234 ng  
 RT: 17.53 min Scan# 2625  
 Delta R.T. 0.02 min  
 Lab File: BF103184.D  
 Acq: 23 Feb 2018 8:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.1  | 17.9  | 26.9  |
| 138     | 28.1  | 21.8  | 32.8  |

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