

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\  
 Data File : BF115388.D  
 Acq On : 5 Jul 2019 10:41  
 Operator : HP/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

mohammad  
 7/8/2019 2:12:46 PM

Quant Time: Jul 05 12:27:53 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 05 11:41:25 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 155605   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 646103   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.93  | 164  | 326649   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.42 | 188  | 607927   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.06 | 240  | 427587   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.54 | 264  | 401704   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 1179428 | 116.97 | ng | 0.00 |
| 7) Phenol-d6             | 6.53  | 99  | 1500916 | 122.64 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.46  | 82  | 1357473 | 129.24 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.72 | 330 | 420518  | 122.08 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.26  | 172 | 2161415 | 112.40 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.00 | 244 | 2397140 | 119.20 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.70 | 88  | 293489  | 61.672 | ng | 100    |
| 3) Pyridine                    | 3.46 | 79  | 811422  | 60.495 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.42 | 42  | 329202  | 62.607 | ng | 97     |
| 6) Aniline                     | 6.56 | 93  | 1080994 | 64.266 | ng | 98     |
| 8) 2-Chlorophenol              | 6.69 | 128 | 670128  | 59.103 | ng | 98     |
| 9) Benzaldehyde                | 6.45 | 77  | 410801  | 51.448 | ng | 99     |
| 10) Phenol                     | 6.54 | 94  | 907415  | 63.295 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.63 | 93  | 674864  | 63.860 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.84 | 146 | 728110  | 57.863 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 734743  | 58.228 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 672900  | 57.585 | ng | 98     |
| 15) Benzyl Alcohol             | 7.04 | 79  | 615349  | 69.047 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45  | 937720  | 61.180 | ng | 100    |
| 17) 2-Methylphenol             | 7.15 | 107 | 577334  | 61.688 | ng | 99     |
| 18) Hexachloroethane           | 7.42 | 117 | 277707  | 61.046 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70  | 513539  | 65.540 | ng | 100    |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 661053  | 61.171 | ng | 91     |
| 22) Acetophenone               | 7.31 | 105 | 901609  | 60.955 | ng | 98     |
| 24) Nitrobenzene               | 7.48 | 77  | 755123  | 65.260 | ng | 98     |
| 25) Isophorone                 | 7.72 | 82  | 1417516 | 65.882 | ng | 99     |
| 26) 2-Nitrophenol              | 7.79 | 139 | 335329  | 58.682 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122 | 573896  | 61.340 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93  | 874302  | 64.291 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.03 | 162 | 575825  | 59.638 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 637964  | 59.818 | ng | 100    |
| 31) Naphthalene                | 8.20 | 128 | 1860792 | 58.671 | ng | 99     |
| 32) Benzoic acid               | 7.97 | 122 | 395619  | 59.238 | ng | 97     |
| 33) 4-Chloroaniline            | 8.25 | 127 | 840501  | 57.987 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.33 | 225 | 361821  | 61.908 | ng | 99     |
| 35) Caprolactam                | 8.63 | 113 | 183019m | 56.380 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107 | 599078  | 61.267 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.89 | 142 | 1248327 | 58.376 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.99 | 142 | 1191498 | 58.340 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 539905  | 58.491 | ng | 100    |

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Instrument :  
 BNA\_F  
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 SSTDICC060

Manual Integrations  
 APPROVED

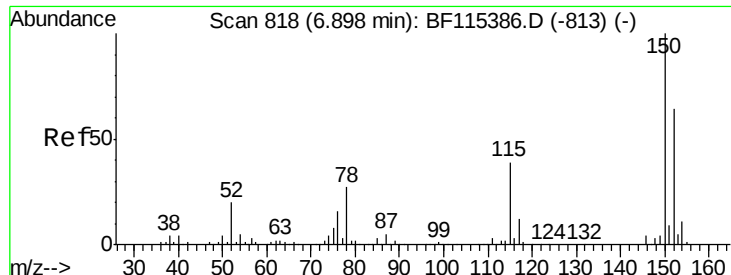
mohammad  
 7/8/2019 2:12:46 PM

Quant Time: Jul 05 12:27:53 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.05  | 237  | 329555   | 60.211 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.17  | 196  | 404232   | 56.724 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.20  | 196  | 426544   | 58.122 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 9.36  | 154  | 1478881  | 56.583 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.39  | 162  | 1233521  | 58.183 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.47  | 65   | 387356   | 62.670 | nq    | 91       |
| 49) Acenaphthylene             | 9.80  | 152  | 1835898  | 55.580 | nq    | 100      |
| 50) Dimethylphthalate          | 9.66  | 163  | 1391927  | 57.919 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.72  | 165  | 319168   | 57.525 | nq    | 96       |
| 52) Acenaphthene               | 9.97  | 154  | 1159633  | 56.104 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.89  | 138  | 365162   | 53.932 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 9.98  | 184  | 127301   | 52.013 | nq    | # 31     |
| 55) Dibenzofuran               | 10.15 | 168  | 1625347  | 54.788 | nq    | 97       |
| 56) 4-Nitrophenol              | 10.03 | 139  | 288511   | 53.151 | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.12 | 165  | 421842   | 58.883 | nq    | 91       |
| 58) Fluorene                   | 10.49 | 166  | 1173141  | 53.131 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 362475   | 58.904 | nq    | 100      |
| 60) Diethylphthalate           | 10.36 | 149  | 1385096  | 57.336 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204  | 599059   | 56.893 | nq    | 98       |
| 62) 4-Nitroaniline             | 10.50 | 138  | 362365   | 53.349 | nq    | 99       |
| 63) Azobenzene                 | 10.63 | 77   | 1413329  | 62.637 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 182117   | 60.154 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 10.59 | 169  | 1140904  | 60.238 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.96 | 248  | 413369   | 62.716 | nq    | 99       |
| 68) Hexachlorobenzene          | 11.03 | 284  | 455575   | 63.678 | nq    | 97       |
| 69) Atrazine                   | 11.12 | 200  | 350815   | 57.581 | nq    | 99       |
| 70) Pentachlorophenol          | 11.22 | 266  | 287678   | 63.118 | nq    | 99       |
| 71) Phenanthrene               | 11.44 | 178  | 1854021  | 56.643 | nq    | 99       |
| 72) Anthracene                 | 11.50 | 178  | 1853143  | 56.087 | nq    | 100      |
| 73) Carbazole                  | 11.64 | 167  | 1702160  | 57.693 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.98 | 149  | 2071797  | 60.768 | nq    | 99       |
| 75) Fluoranthene               | 12.63 | 202  | 1928798  | 59.061 | nq    | 99       |
| 77) Benzidine                  | 12.74 | 184  | 951931   | 50.137 | nq    | 96       |
| 78) Pyrene                     | 12.86 | 202  | 1966177  | 59.834 | nq    | 100      |
| 80) Butylbenzylphthalate       | 13.47 | 149  | 888696   | 61.283 | nq    | 98       |
| 81) Benzo(a)anthracene         | 14.05 | 228  | 1568893  | 51.136 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.01 | 252  | 575862   | 51.976 | nq    | 99       |
| 83) Chrysene                   | 14.09 | 228  | 1669451  | 59.402 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 1040514  | 54.759 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.67 | 149  | 1924295  | 60.273 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 17.03 | 276  | 1332777  | 40.077 | nq    | # 100    |
| 88) Benzo(b)fluoranthene       | 15.12 | 252  | 1533368  | 61.175 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.14 | 252  | 1448132  | 64.424 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.49 | 252  | 1357645  | 60.095 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.04 | 278  | 1104018  | 52.346 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.47 | 276  | 1036334  | 48.549 | nq    | 99       |

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





#1

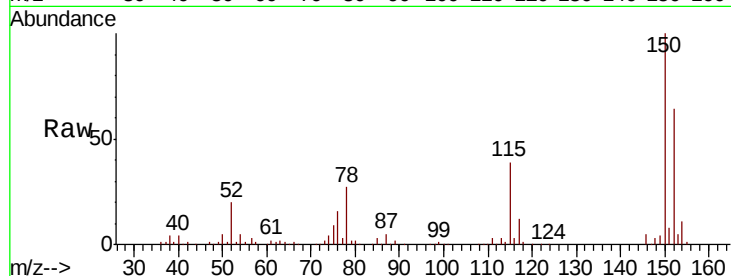
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.90 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.3 | 124.7 | 187.1 |
| 115     | 60.3  | 48.1  | 72.1  |

Manual Integrations  
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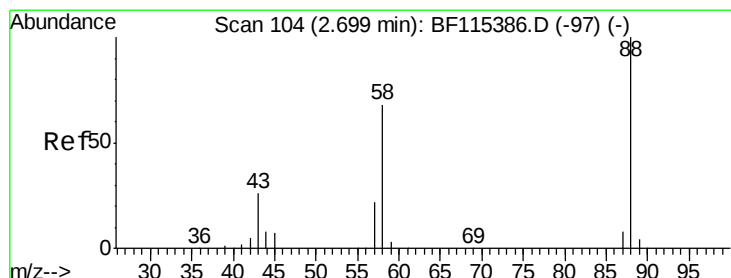
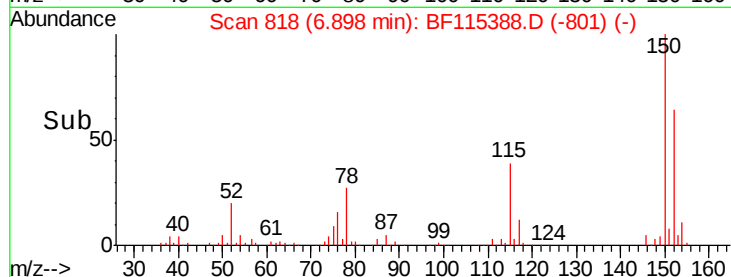
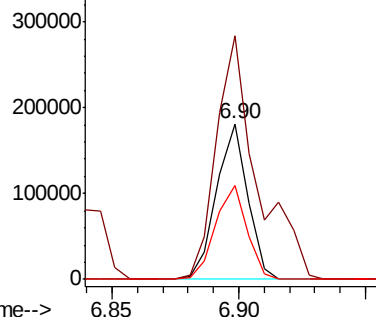


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

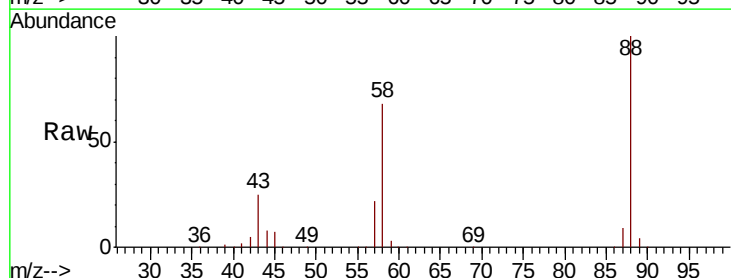
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 61.672 ng  
RT: 2.70 min Scan# 105  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 68.1  | 54.6  | 82.0  |
| 43      | 26.2  | 21.4  | 32.0  |

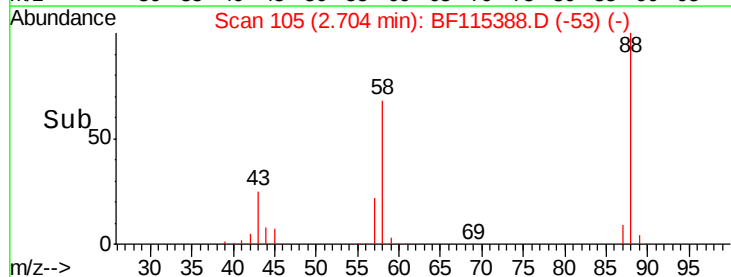
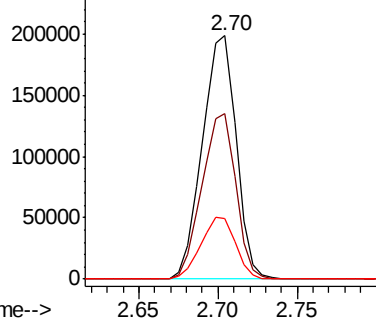


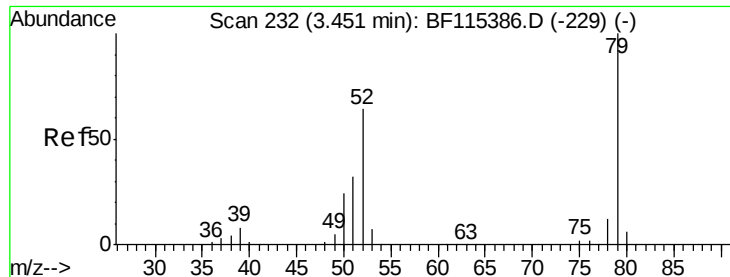
Abundance

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: 60.495 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

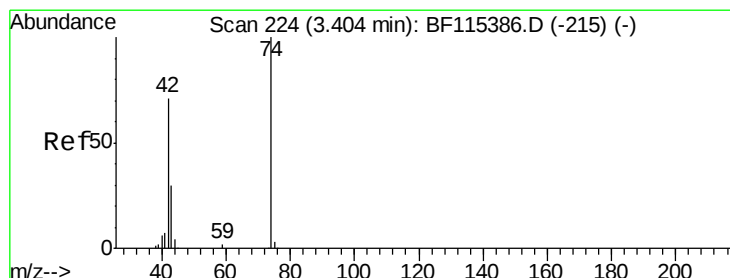
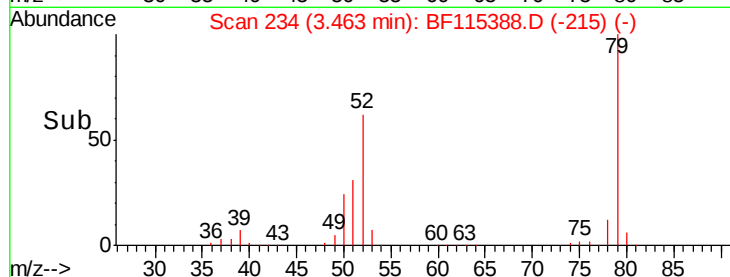
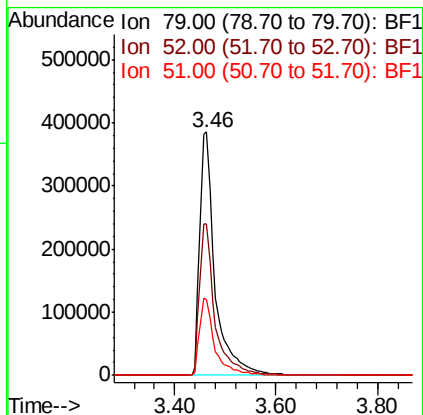
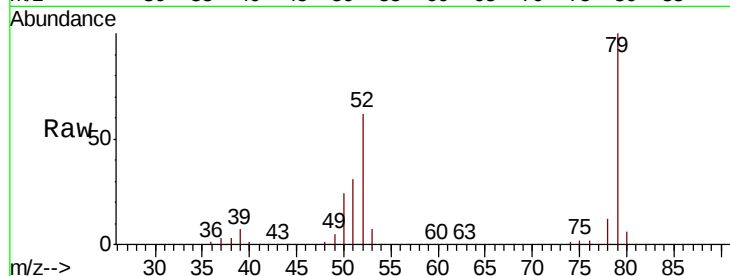
ClientSampleId :

SSTDICC060

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 811422 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 62.0  | 50.9  | 76.3   |
| 51       | 31.3  | 25.8  | 38.6   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 62.607 ng

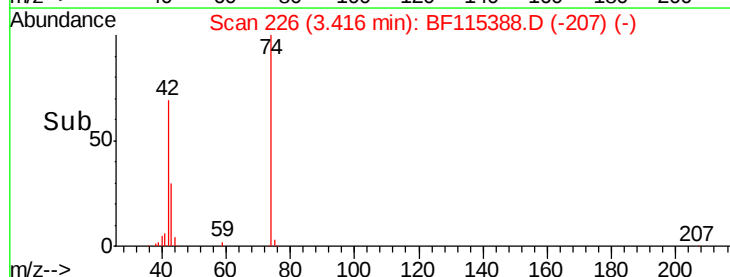
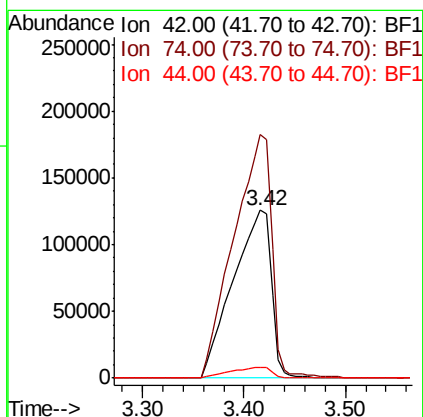
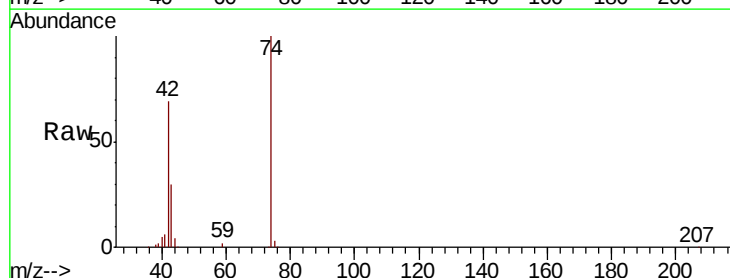
RT: 3.42 min Scan# 226

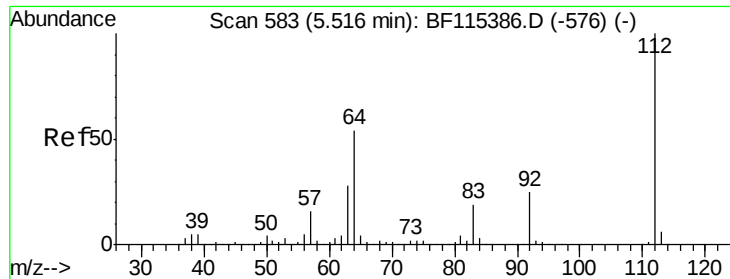
Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 329202 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 145.0 | 112.8 | 169.2  |
| 44       | 6.5   | 5.4   | 8.0    |





#5

2-Fluorophenol

Concen: 116.966 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampled :

SSTDICC060

Tot Ion:112 Resp: 1179428

Ion Ratio Lower Upper

112 100

64 58.1 43.0 64.6

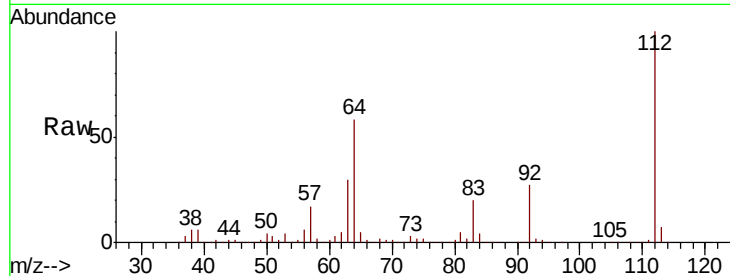
63 29.8 22.2 33.2

Manual Integrations

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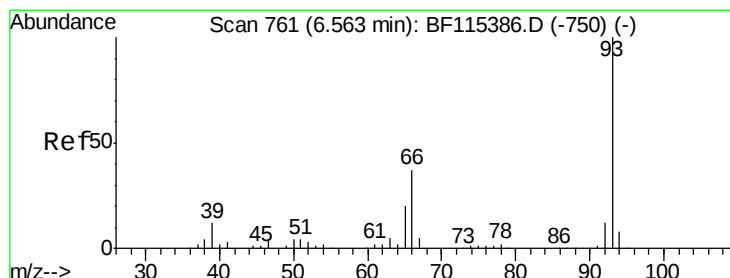
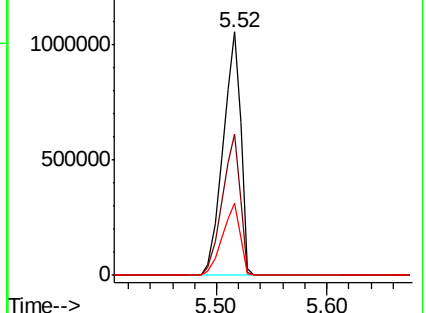
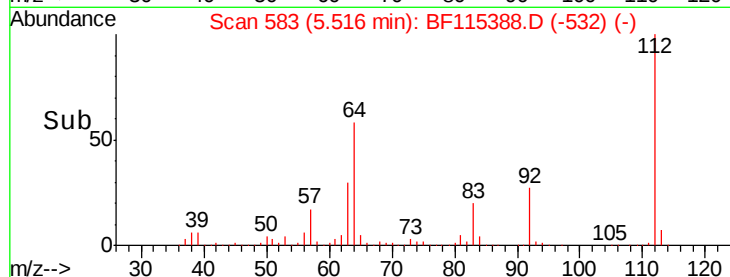
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 64.266 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

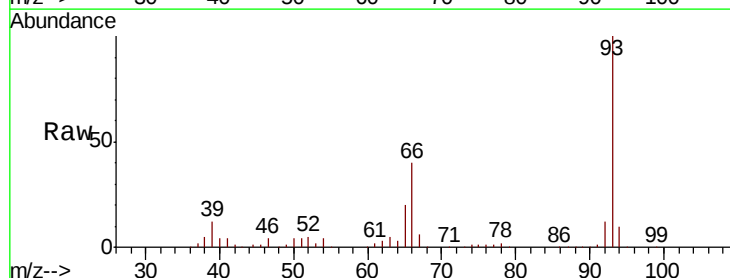
Tgt Ion: 93 Resp: 1080994

Ion Ratio Lower Upper

93 100

66 39.8 30.8 46.2

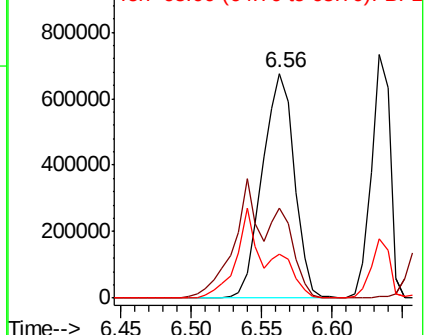
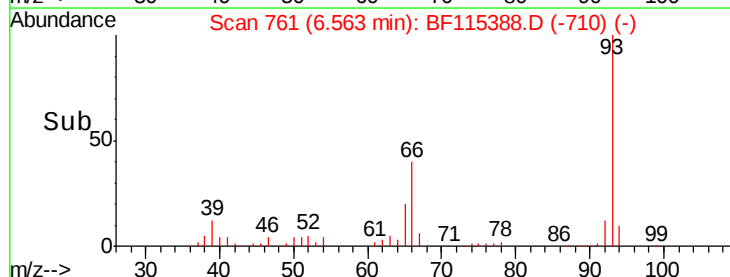
65 19.8 16.0 24.0

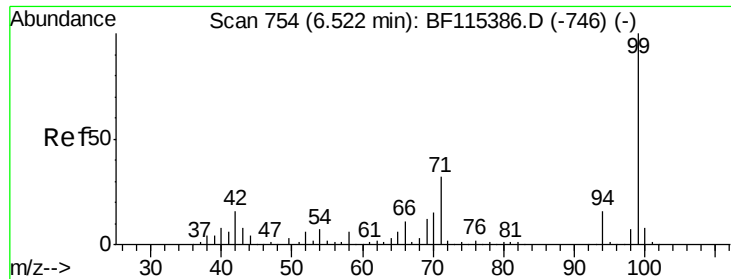


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.635 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 1500916

Ion Ratio Lower Upper

99 100

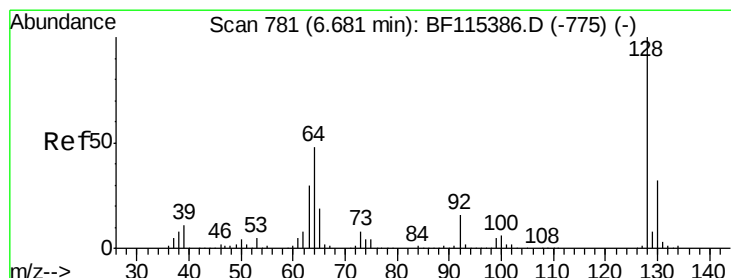
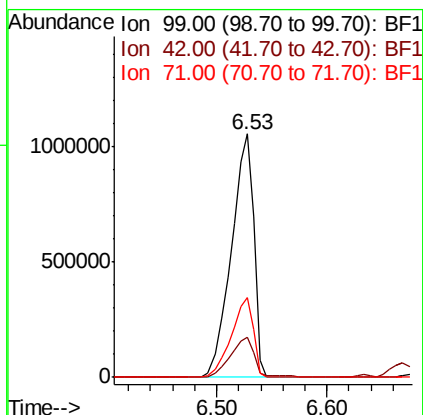
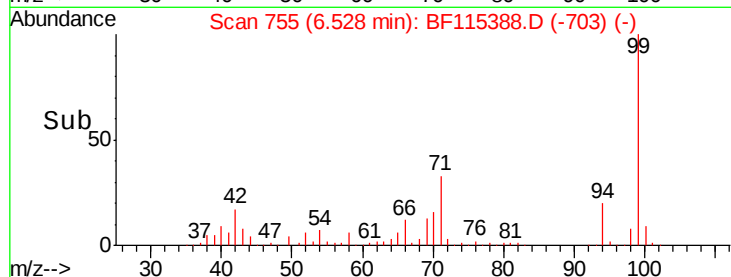
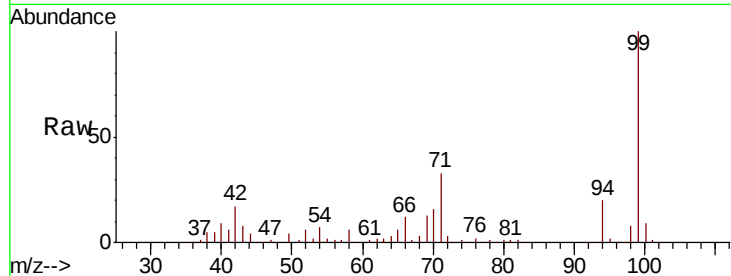
42 16.6 13.1 19.7

71 32.8 25.9 38.9

Manual Integrations  
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#8

2-Chlorophenol

Concen: 59.103 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

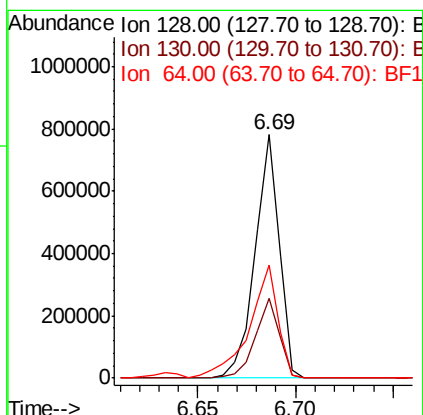
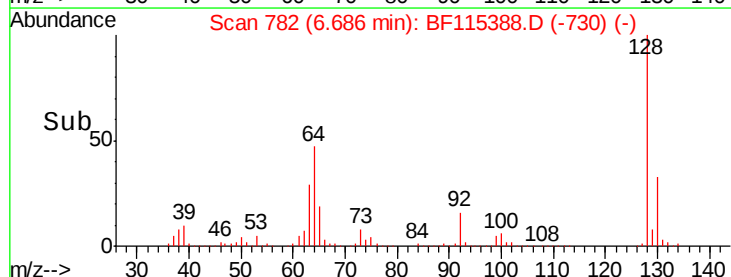
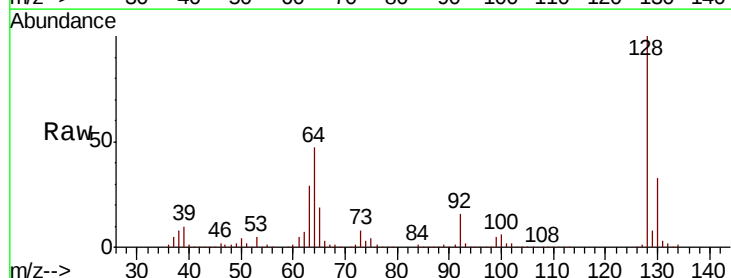
Tgt Ion: 128 Resp: 670128

Ion Ratio Lower Upper

128 100

130 33.0 12.4 52.4

64 46.6 28.8 68.8





#9

Benzaldehyde

Concen: 51.448 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

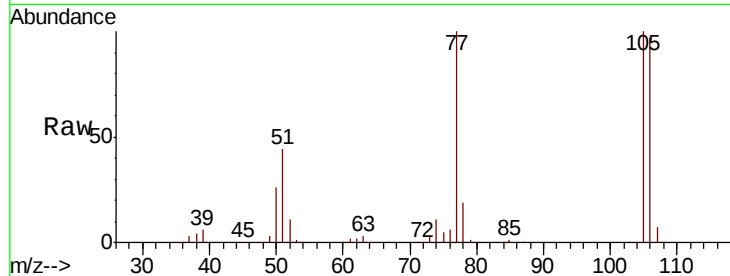
ClientSampleId :

SSTDIC060

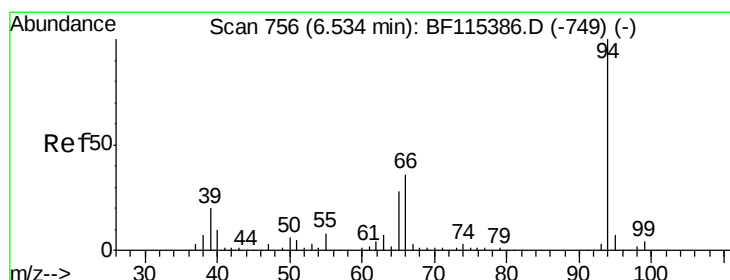
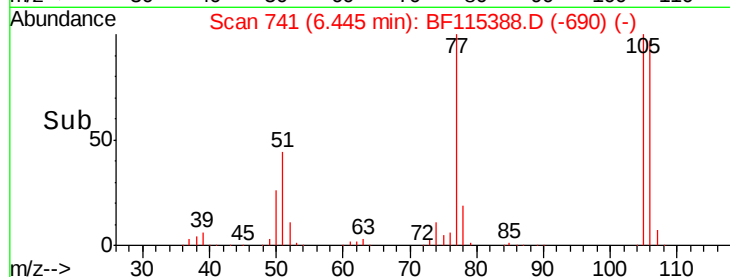
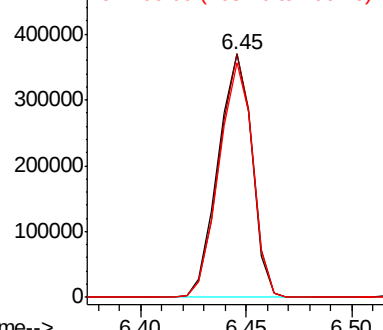
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 410801 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 99.8  | 79.0  | 119.0  |
| 106      | 96.5  | 75.7  | 115.7  |

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



#10

Phenol

Concen: 63.295 ng

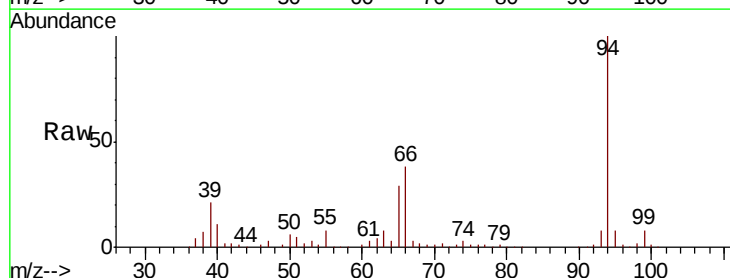
RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

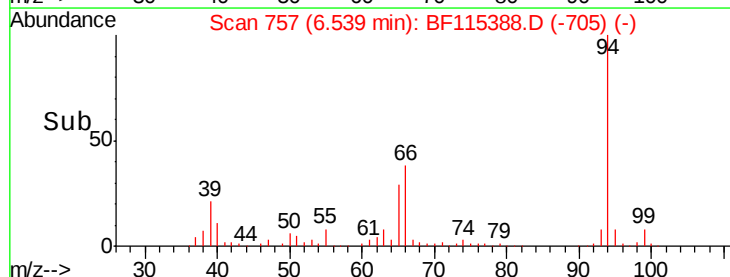
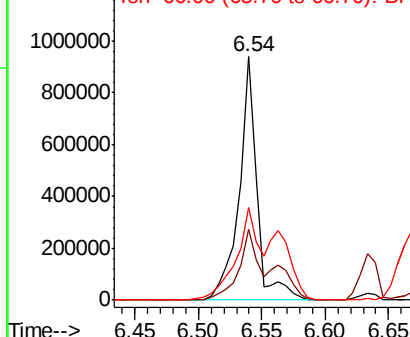
Lab File: BF115388.D

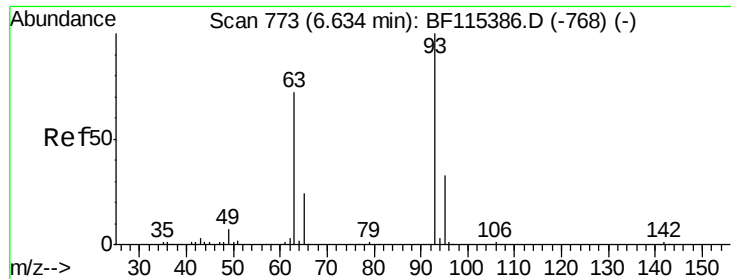
Acq: 5 Jul 2019 10:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 907415 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 29.0  | 8.0   | 48.0   |
| 66       | 38.1  | 16.2  | 56.2   |



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





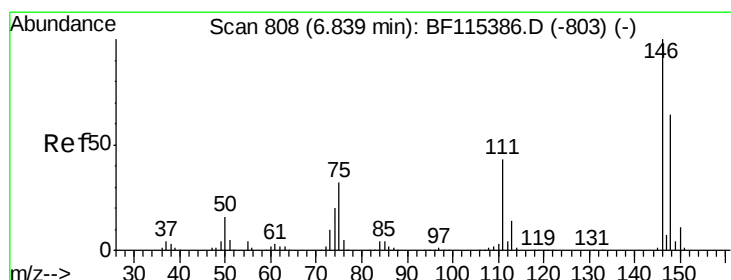
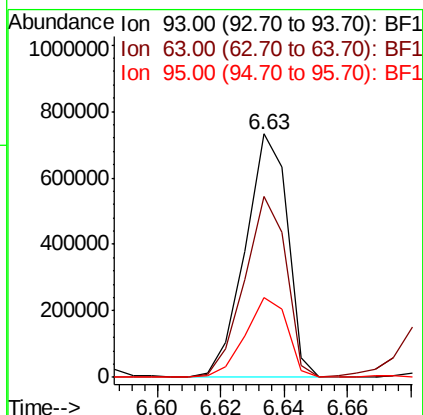
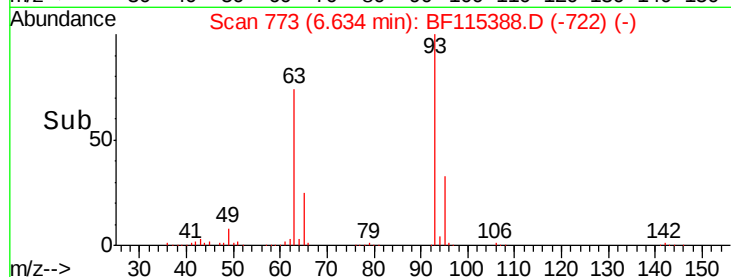
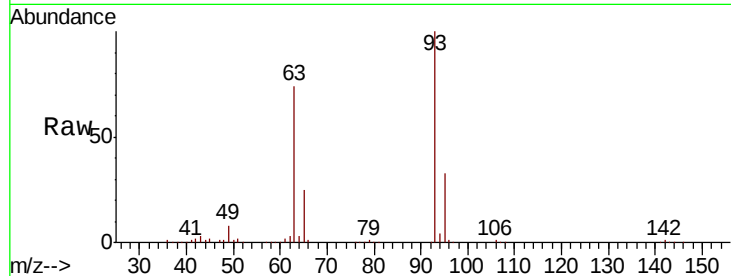
#11  
bis(2-Chloroethyl)ether  
Concen: 63.860 ng  
RT: 6.63 min Scan# 773  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 674864 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 74.1  | 51.5  | 91.5   |
| 95       | 32.7  | 12.9  | 52.9   |

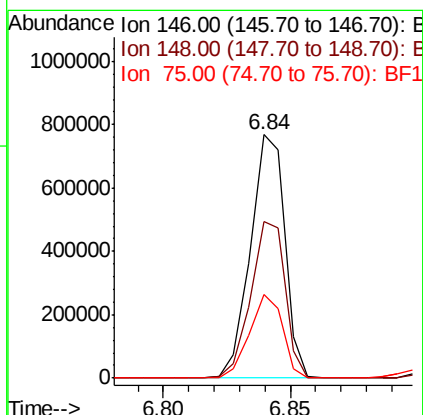
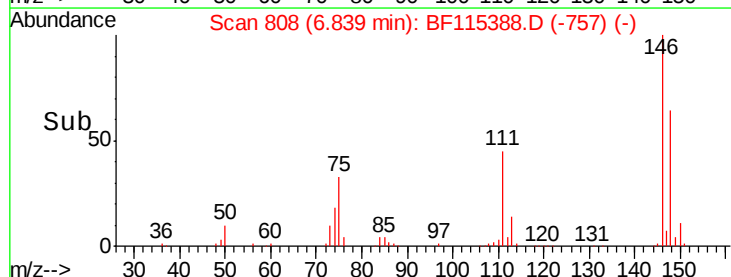
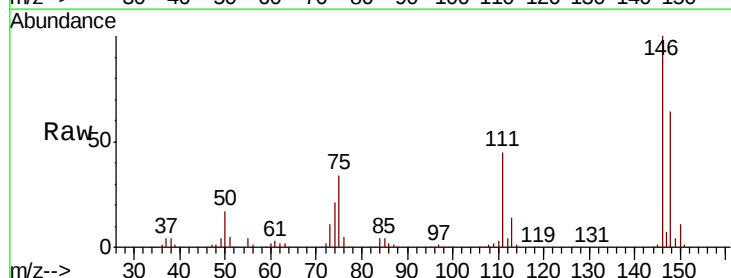
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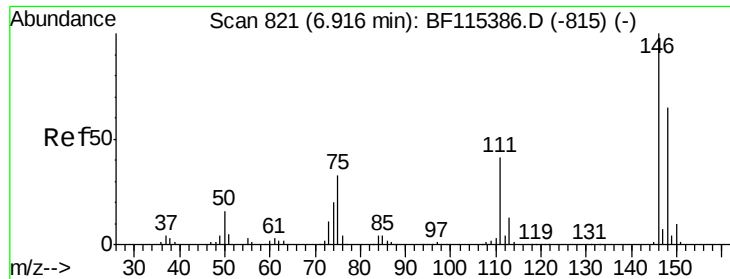
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#12  
1,3-Dichlorobenzene  
Concen: 57.863 ng  
RT: 6.84 min Scan# 808  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 728110 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.5  | 50.8  | 76.2   |
| 75       | 34.4  | 25.9  | 38.9   |





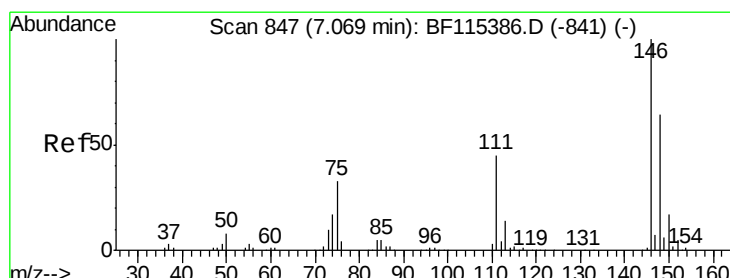
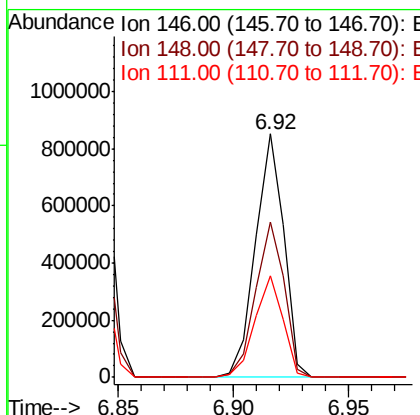
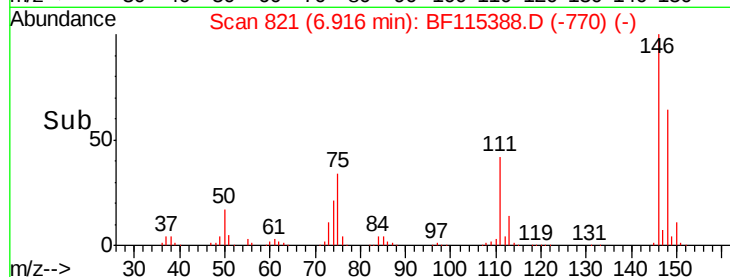
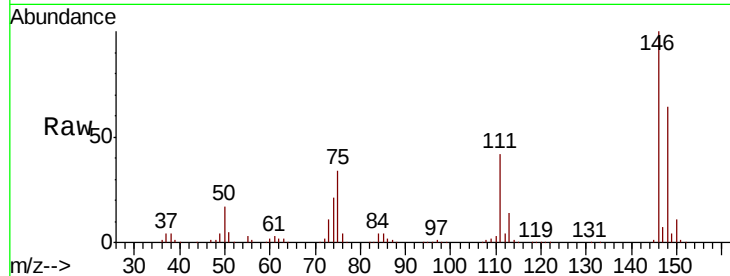
#13  
 1,4-Dichlorobenzene  
 Concen: 58.228 ng  
 RT: 6.92 min Scan# 821  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 52.3  | 78.5  |
| 111     | 41.9  | 33.0  | 49.4  |

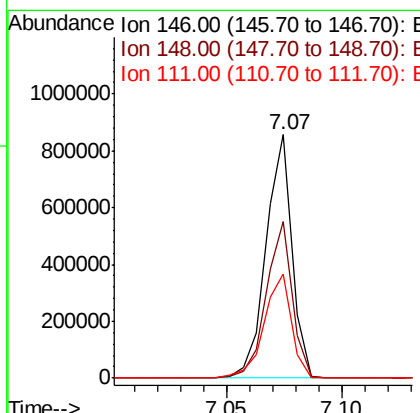
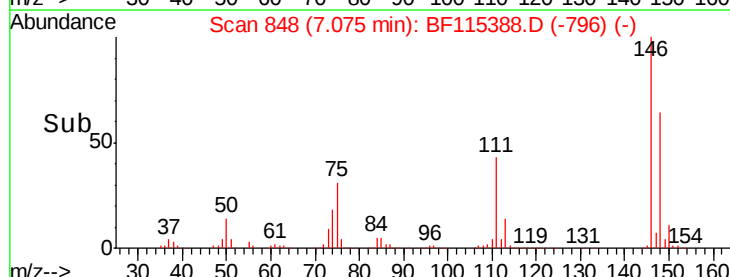
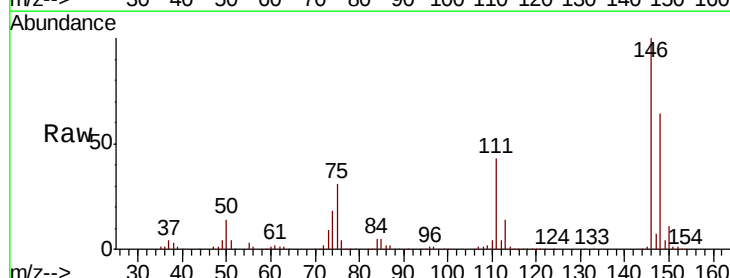
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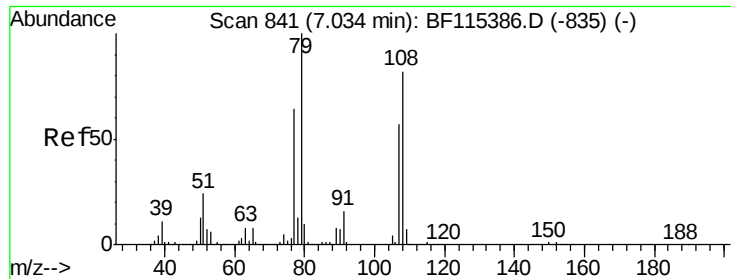
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#14  
 1,2-Dichlorobenzene  
 Concen: 57.585 ng  
 RT: 7.07 min Scan# 848  
 Delta R.T. 0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 51.3  | 76.9  |
| 111     | 42.8  | 36.2  | 54.2  |





#15

Benzyl Alcohol

Concen: 69.047 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

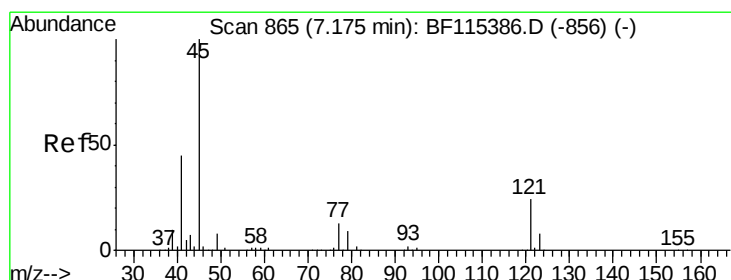
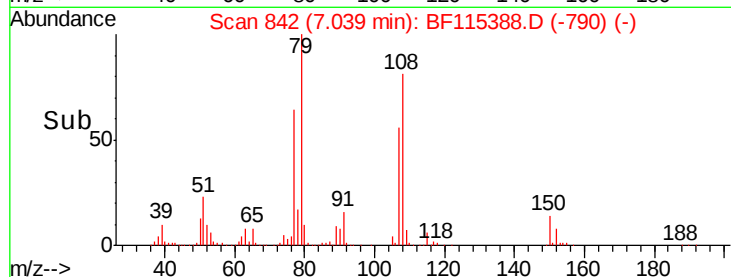
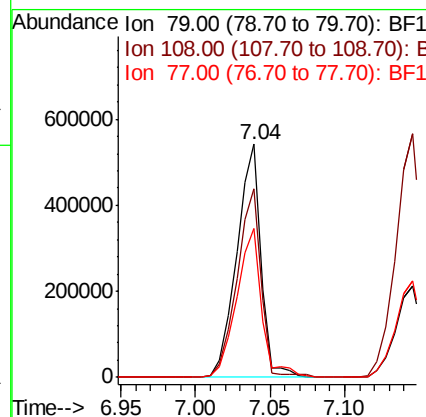
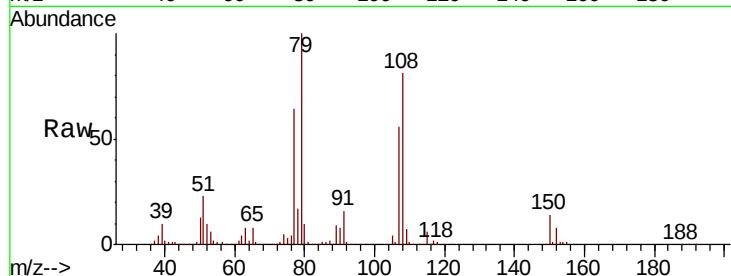
ClientSampleId :

SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 81.1  | 65.4  | 98.2  |
| 77      | 63.6  | 51.5  | 77.3  |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 61.180 ng

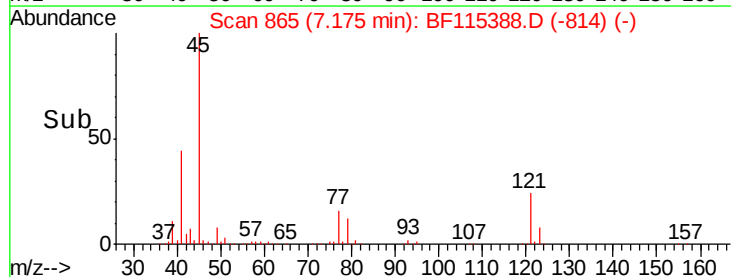
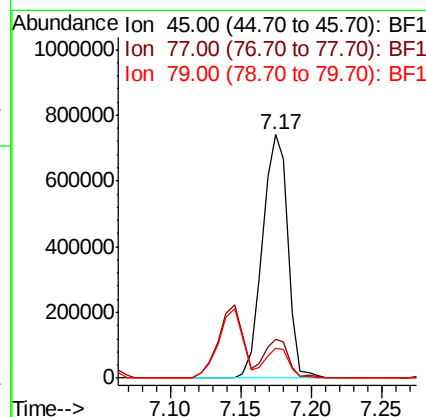
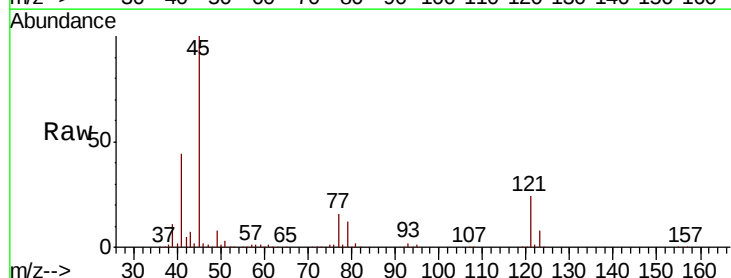
RT: 7.17 min Scan# 865

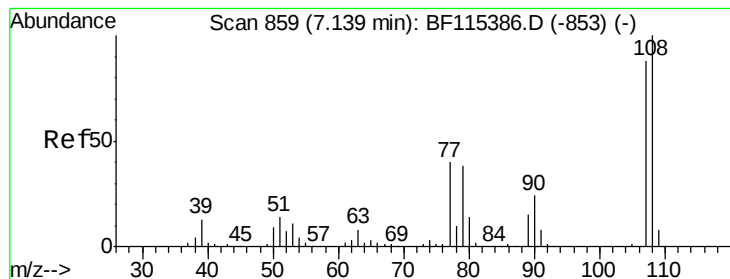
Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 16.1  | 0.0   | 36.0  |
| 79      | 12.1  | 0.0   | 32.0  |





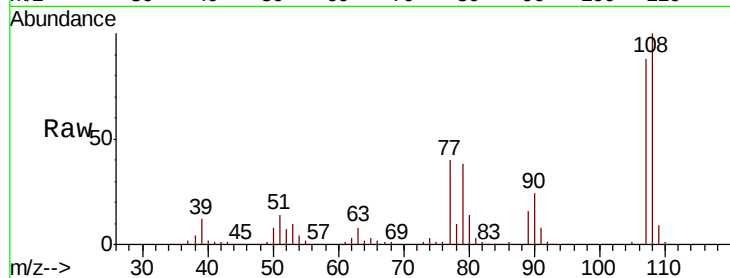
#17  
2-Methylphenol  
Concen: 61.688 ng  
RT: 7.15 min Scan# 860  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 577334 |       |       |
| 108     | 114.2 | 90.7   | 136.1 |       |
| 77      | 45.4  | 36.3   | 54.5  |       |
| 79      | 43.0  | 34.9   | 52.3  |       |

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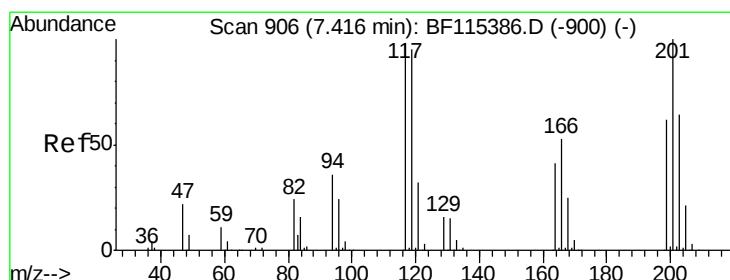
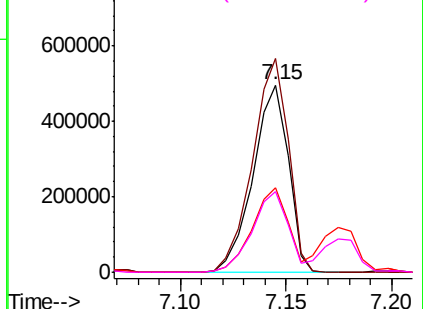
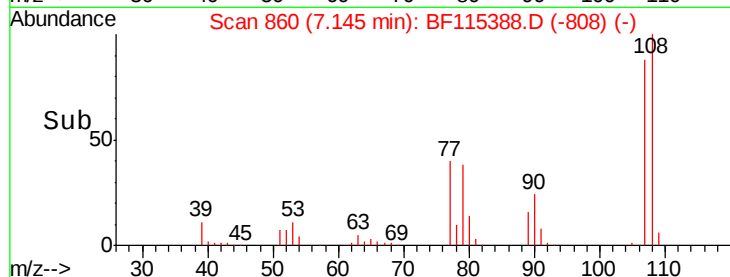
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

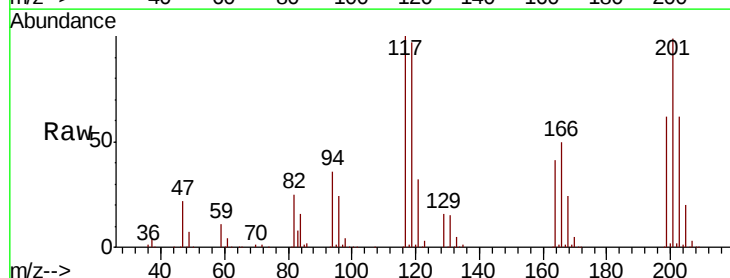
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 61.046 ng  
RT: 7.42 min Scan# 906  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 277707 |       |       |
| 119     | 96.9  | 77.1   | 115.7 |       |
| 201     | 99.0  | 81.3   | 121.9 |       |

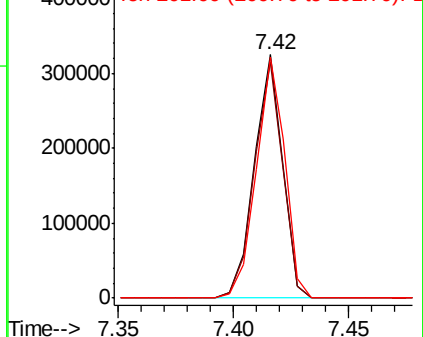
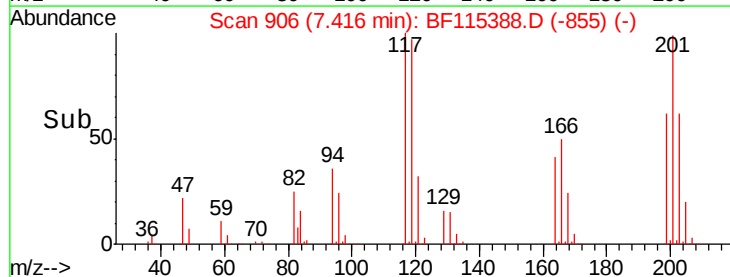


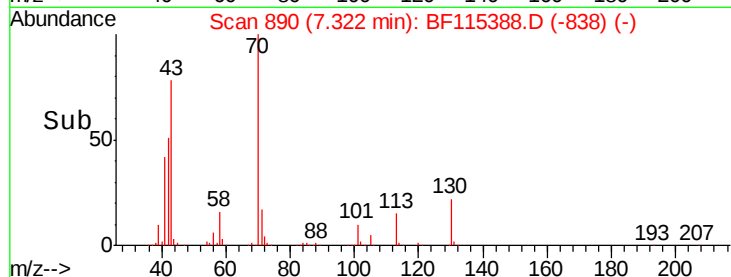
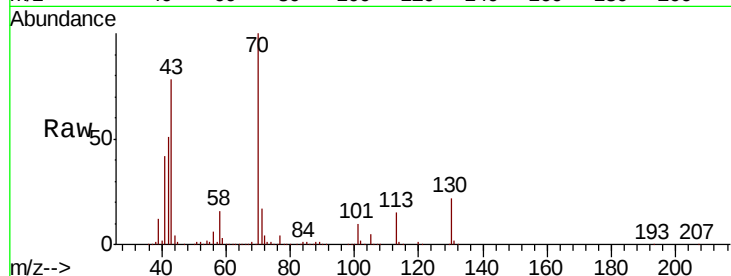
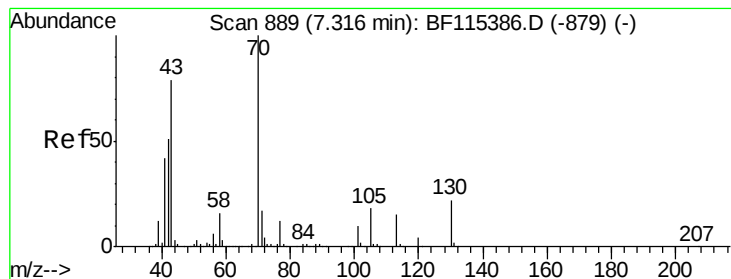
Abundance

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: 65.540 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion: 70 Resp: 513539

Ion Ratio Lower Upper

70 100

42 51.0 41.1 61.7

101 9.9 8.0 12.0

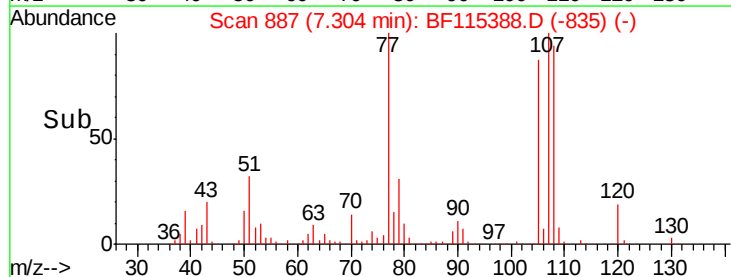
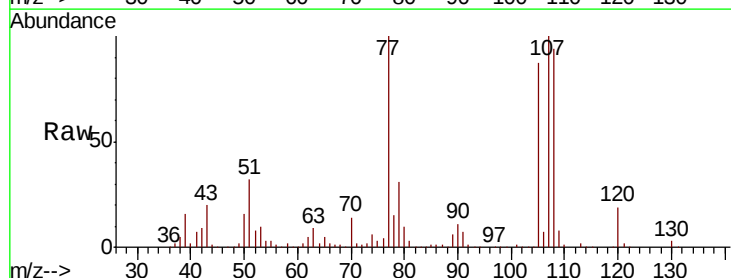
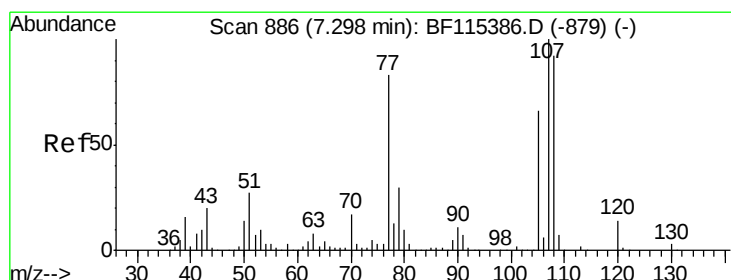
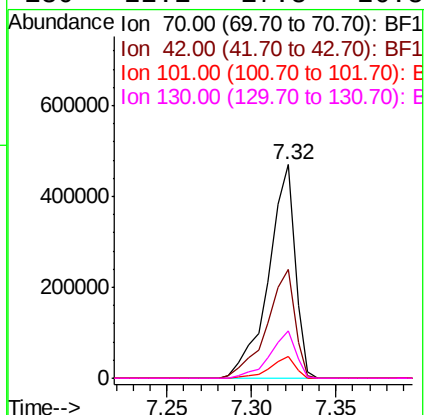
130 22.1 17.8 26.8

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#20

3+4-Methylphenols

Concen: 61.171 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Tgt Ion: 107 Resp: 661053

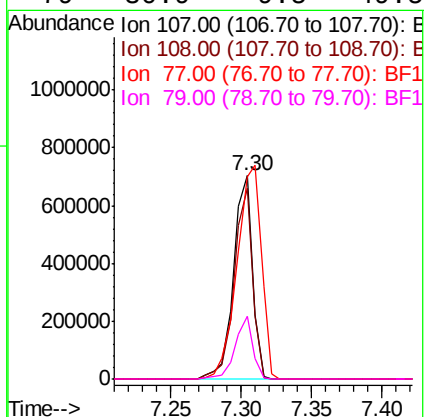
Ion Ratio Lower Upper

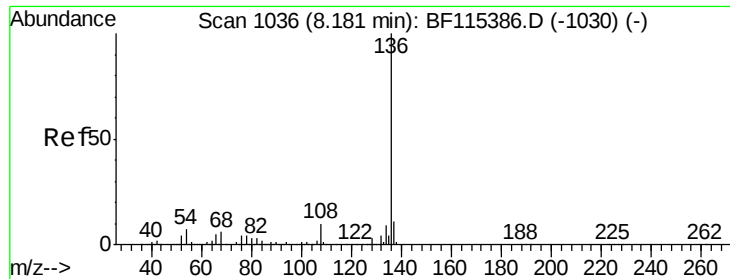
107 100

108 93.9 72.5 112.5

77 99.6 62.7 102.7

79 30.9 9.5 49.5





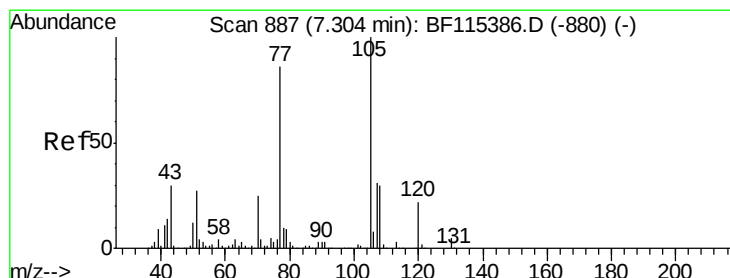
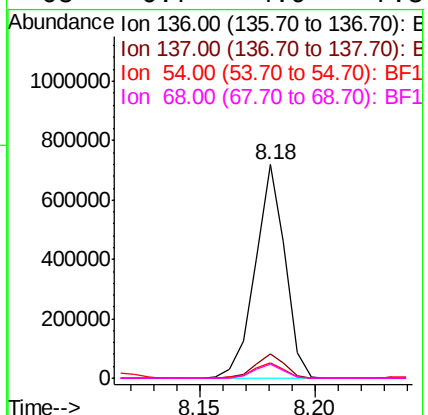
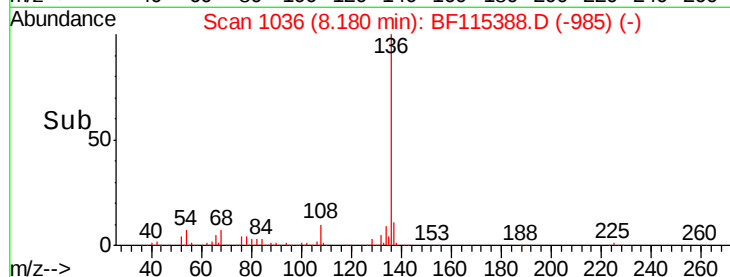
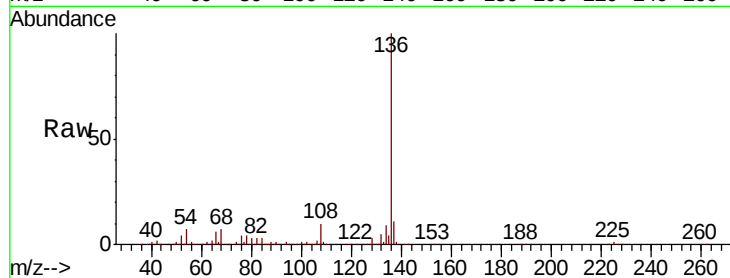
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 646103 |       |       |
| 137     | 11.5 | 8.9   | 13.3   |       |       |
| 54      | 7.4  | 5.6   | 8.4    |       |       |
| 68      | 6.7  | 4.9   | 7.3    |       |       |

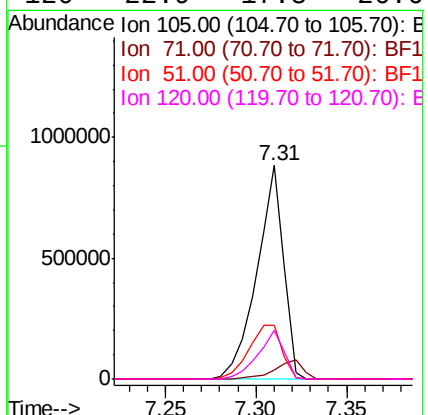
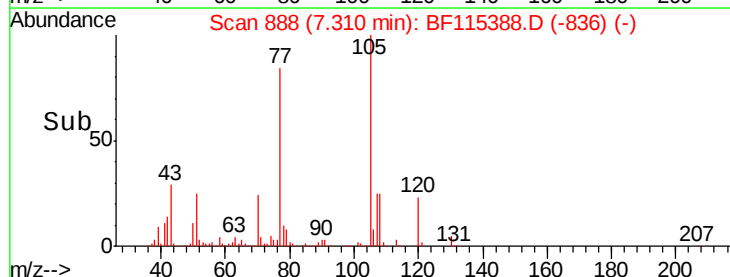
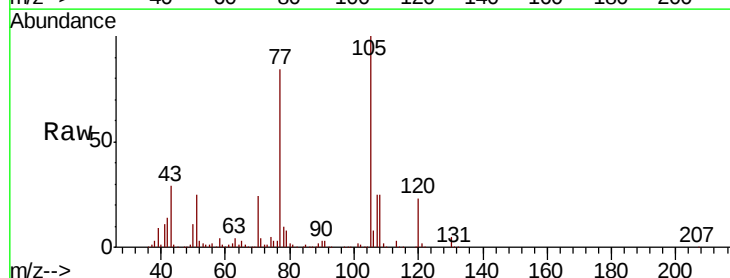
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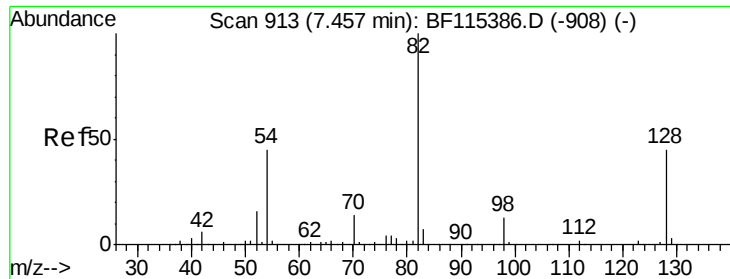
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#22  
Acetophenone  
Concen: 60.955 ng  
RT: 7.31 min Scan# 888  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 901609 |       |       |
| 71      | 4.2  | 3.3   | 4.9    |       |       |
| 51      | 25.4 | 21.5  | 32.3   |       |       |
| 120     | 22.9 | 17.8  | 26.6   |       |       |





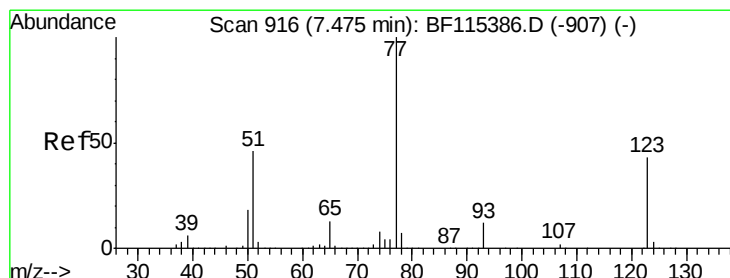
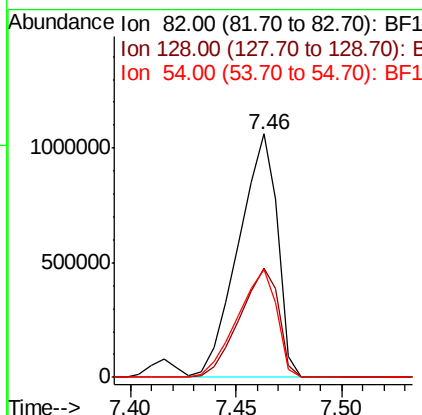
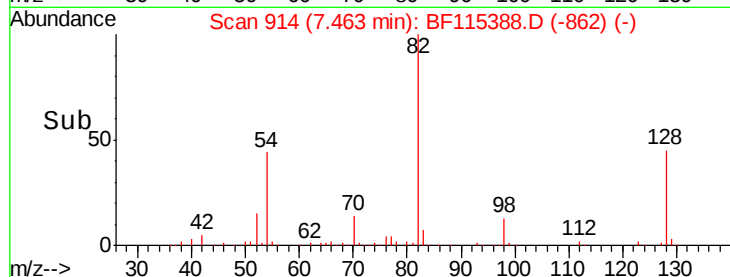
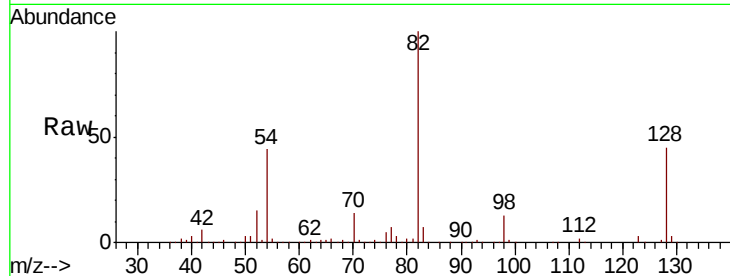
#23  
 Nitrobenzene-d5  
 Concen: 129.245 ng  
 RT: 7.46 min Scan# 914  
 Delta R.T. 0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion: 82 Resp: 1357473  
 Ion Ratio Lower Upper  
 82 100  
 128 44.8 35.7 53.5  
 54 44.5 36.3 54.5

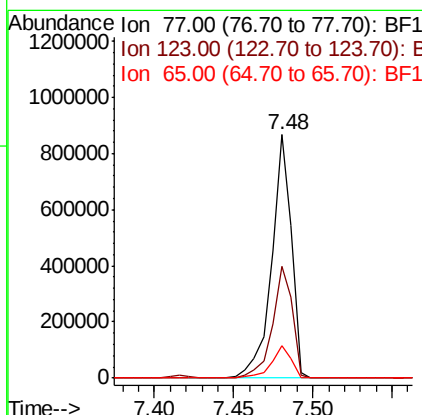
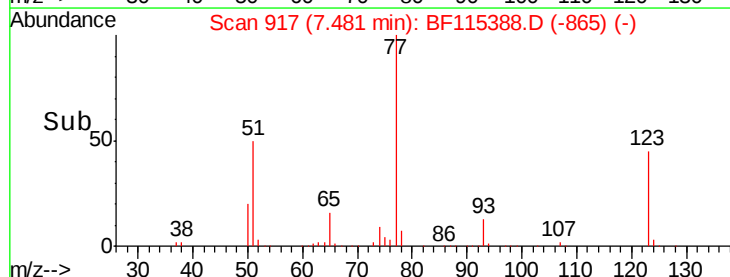
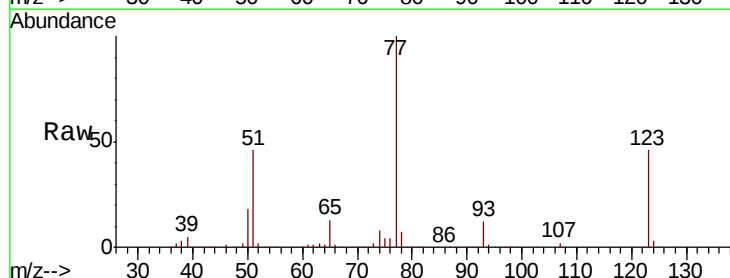
Manual Integrations  
 APPROVED

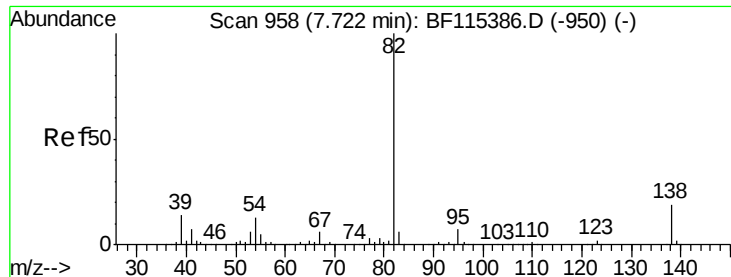
mohammad  
 7/8/2019 2:12:46 PM



#24  
 Nitrobenzene  
 Concen: 65.260 ng  
 RT: 7.48 min Scan# 917  
 Delta R.T. 0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Tgt Ion: 77 Resp: 755123  
 Ion Ratio Lower Upper  
 77 100  
 123 45.8 35.0 52.6  
 65 13.5 10.8 16.2





#25

Isophorone

Concen: 65.882 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 1417516

Ion Ratio Lower Upper

82 100

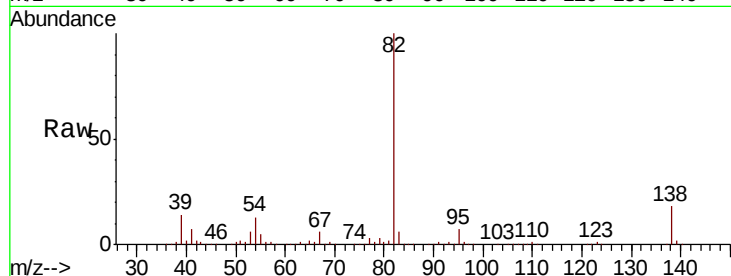
95 6.7 5.4 8.0

138 17.8 14.9 22.3

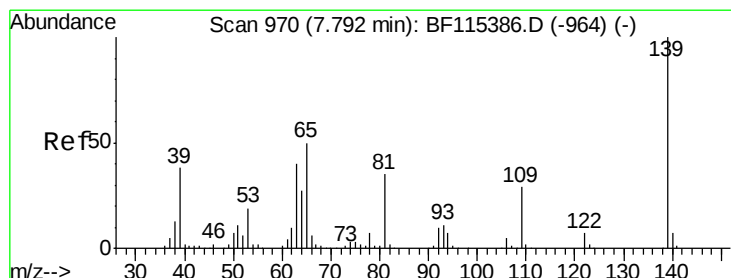
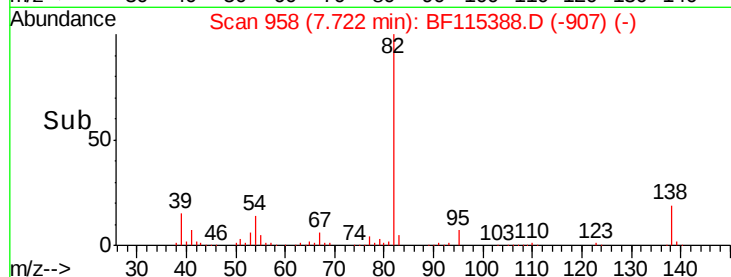
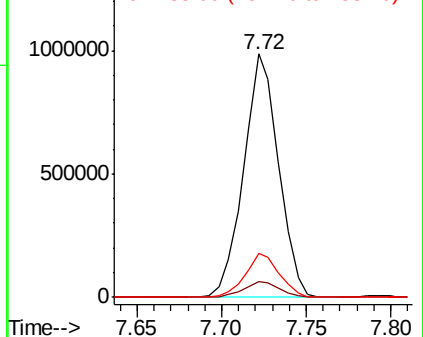
Manual Integrations  
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Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 58.682 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

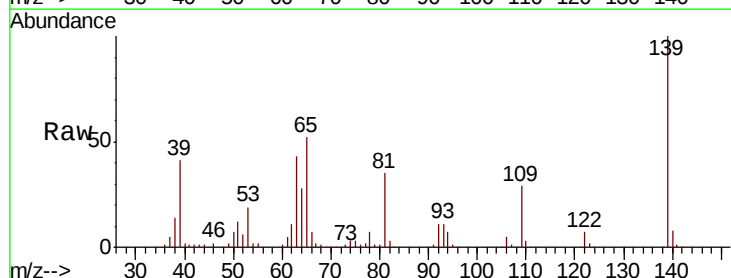
Tgt Ion: 139 Resp: 335329

Ion Ratio Lower Upper

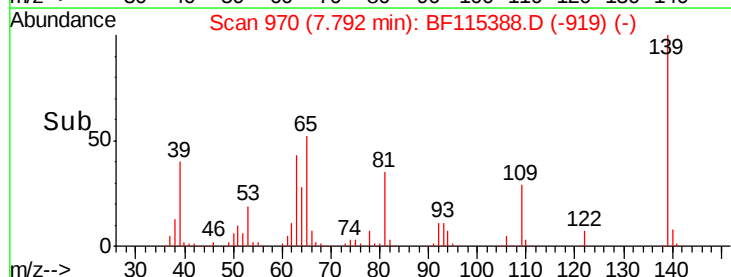
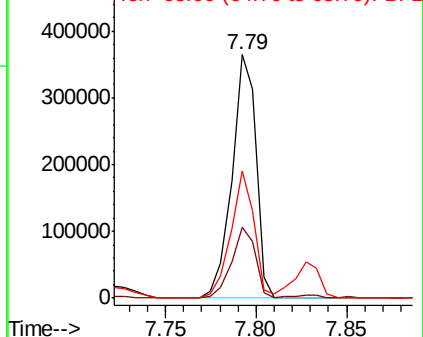
139 100

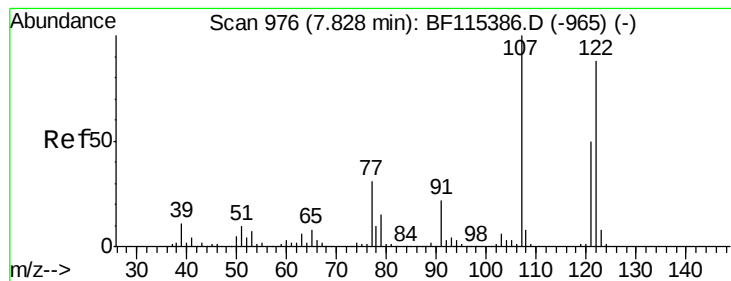
109 29.3 22.9 34.3

65 52.2 40.2 60.4



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1





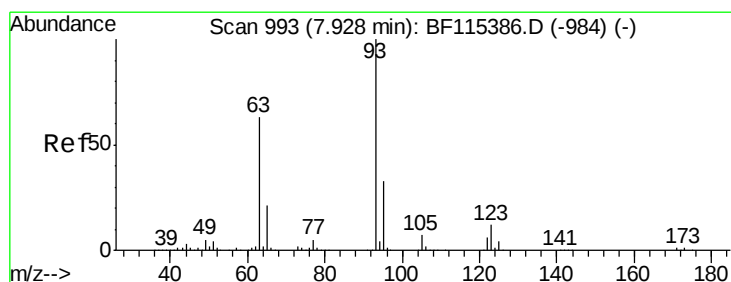
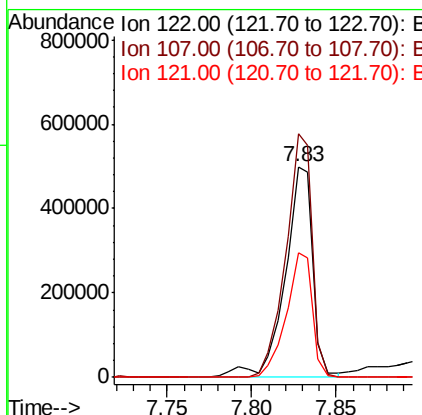
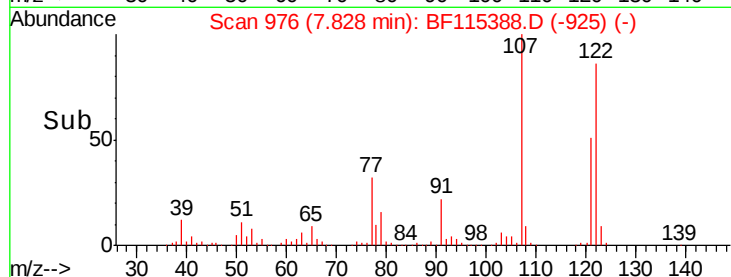
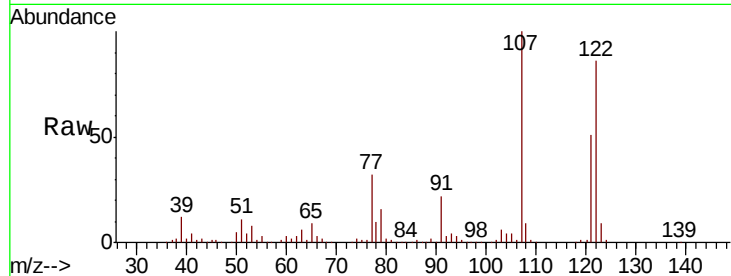
#27  
2,4-Dimethylphenol  
Concen: 61.340 ng  
RT: 7.83 min Scan# 976  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 573896 |       |       |
| 107     | 115.7 |        | 91.0  | 136.6 |
| 121     | 59.0  |        | 45.9  | 68.9  |

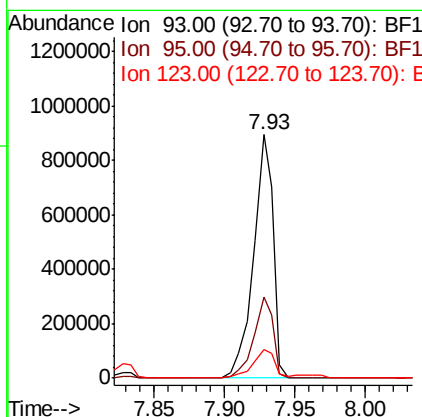
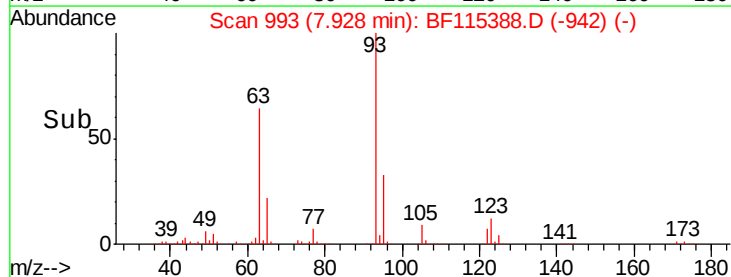
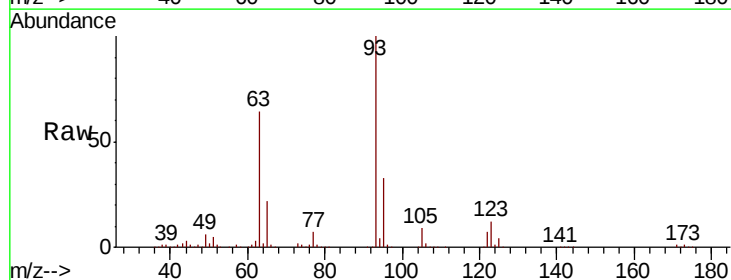
Manual Integrations  
APPROVED

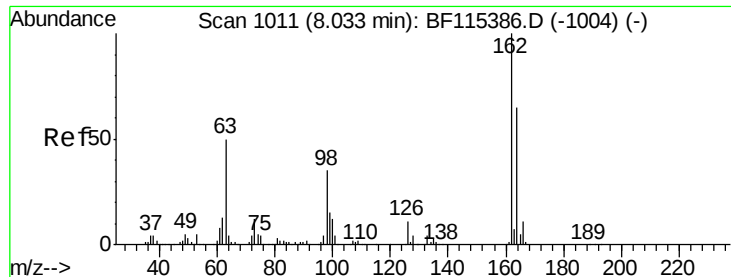
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#28  
bis(2-Chloroethoxy)methane  
Concen: 64.291 ng  
RT: 7.93 min Scan# 993  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 874302 |       |       |
| 95      | 33.2  |        | 26.6  | 39.8  |
| 123     | 11.9  |        | 10.0  | 15.0  |





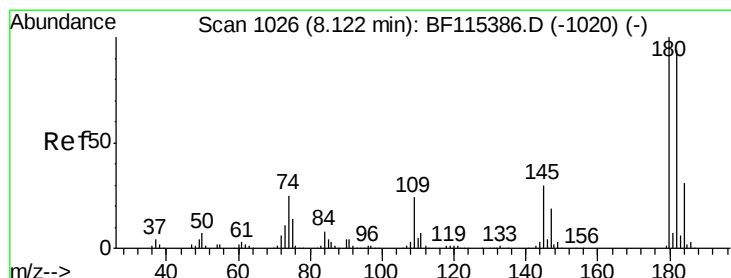
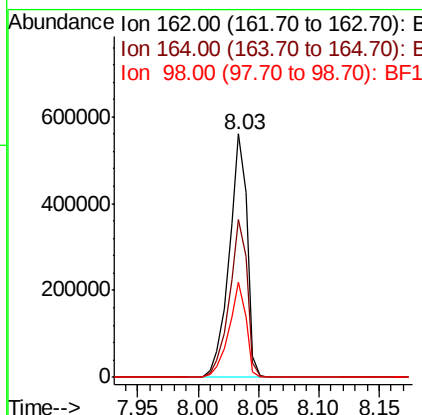
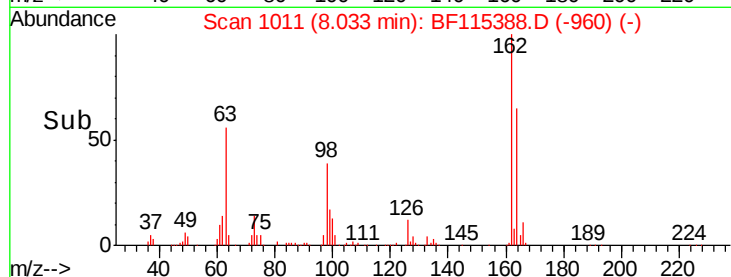
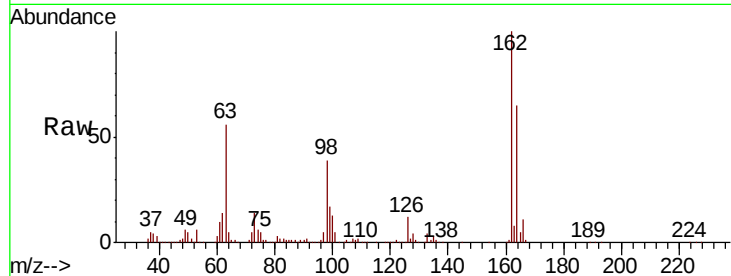
#29  
2,4-Dichlorophenol  
Concen: 59.638 ng  
RT: 8.03 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 575825 |       |       |
| 164     | 64.8  |        | 44.6  | 84.6  |
| 98      | 38.9  |        | 15.0  | 55.0  |

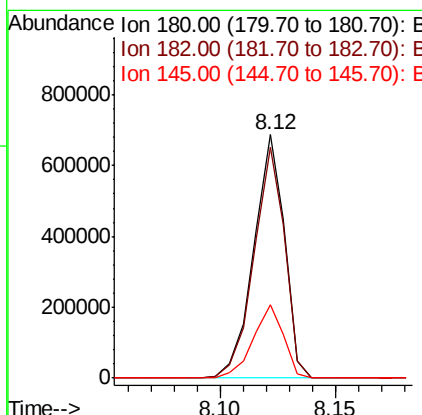
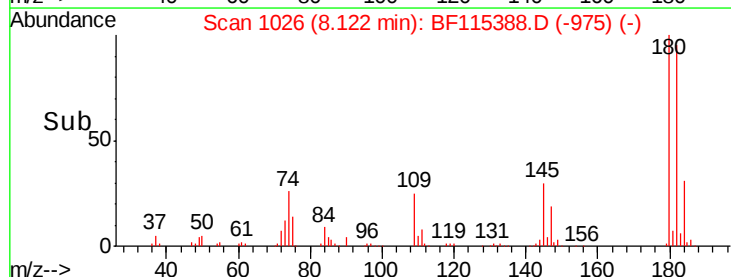
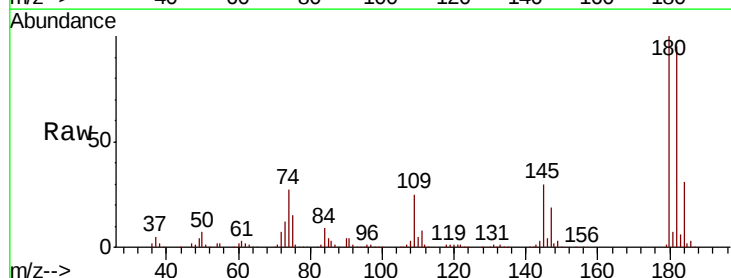
Manual Integrations  
APPROVED

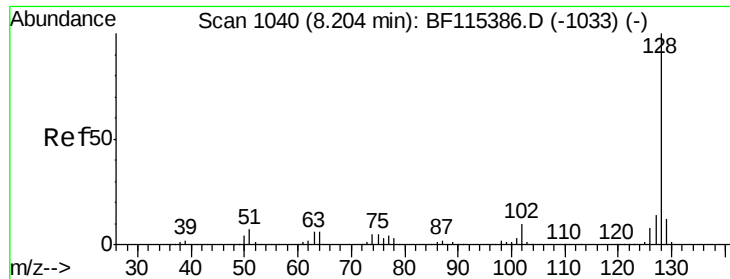
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 59.818 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 637964 |       |       |
| 182     | 94.7  |        | 75.6  | 113.4 |
| 145     | 30.3  |        | 23.8  | 35.6  |





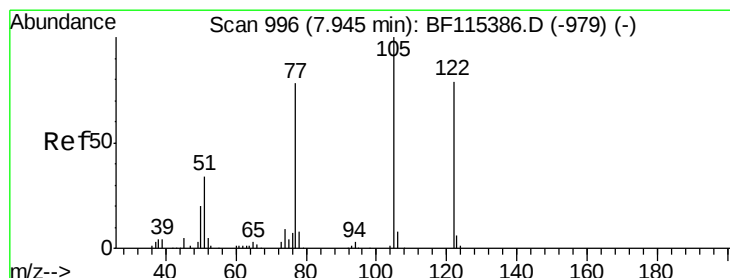
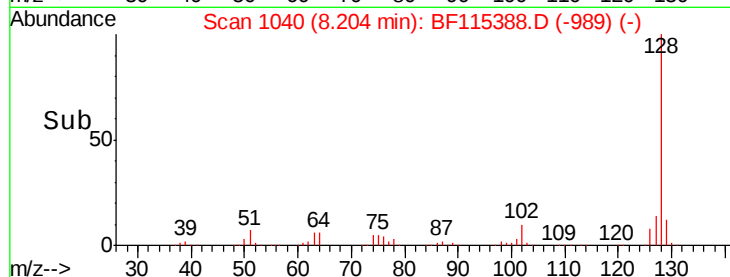
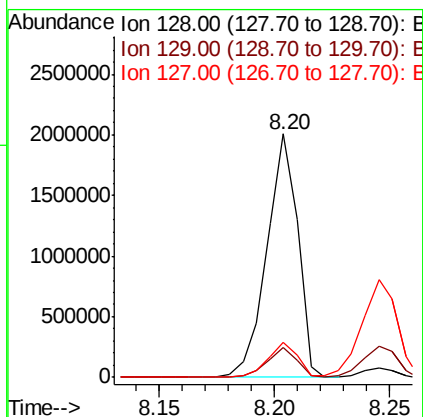
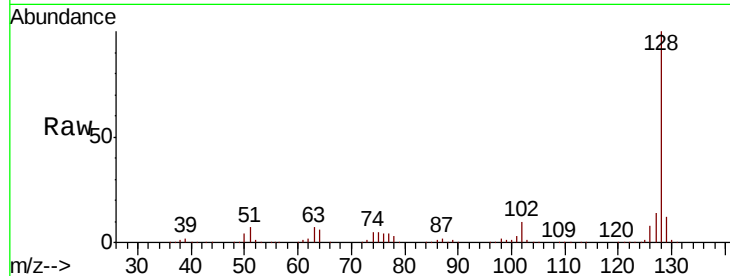
#31  
Naphthalene  
Concen: 58.671 ng  
RT: 8.20 min Scan# 1040  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion:128 Resp: 1860792  
Ion Ratio Lower Upper  
128 100  
129 12.0 9.4 14.2  
127 14.4 11.2 16.8

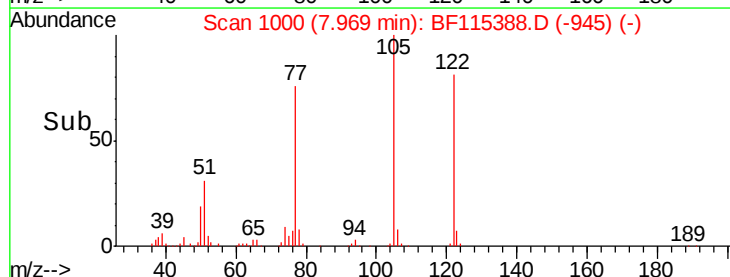
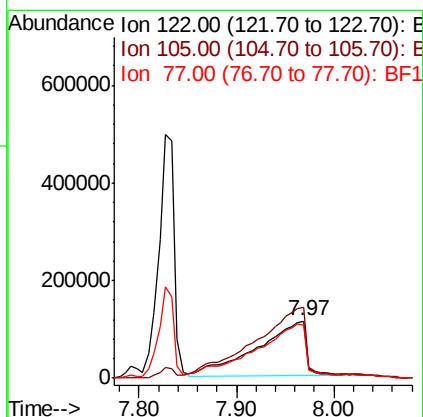
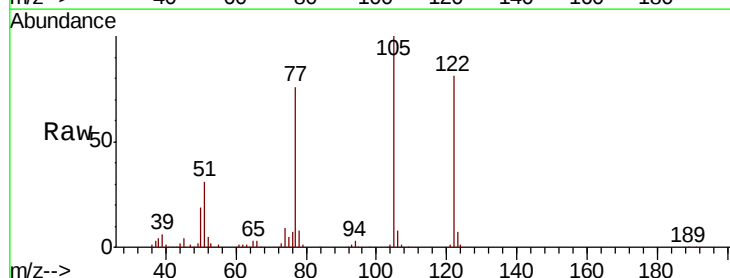
Manual Integrations  
APPROVED

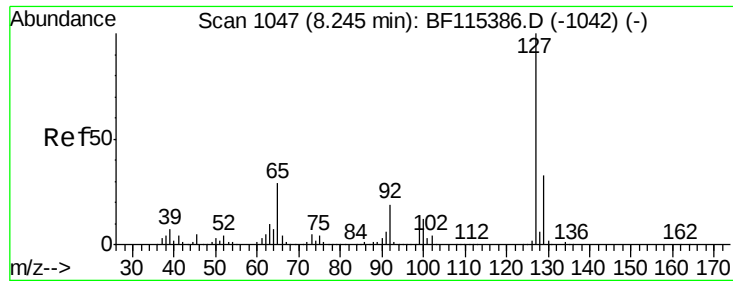
mohammad  
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#32  
Benzoic acid  
Concen: 59.238 ng  
RT: 7.97 min Scan# 1000  
Delta R.T. 0.02 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:122 Resp: 395619  
Ion Ratio Lower Upper  
122 100  
105 123.4 105.1 145.1  
77 93.3 77.8 117.8





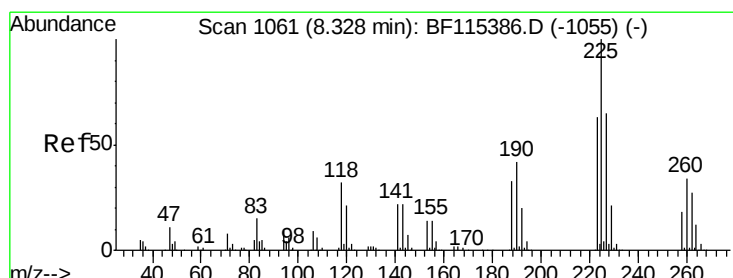
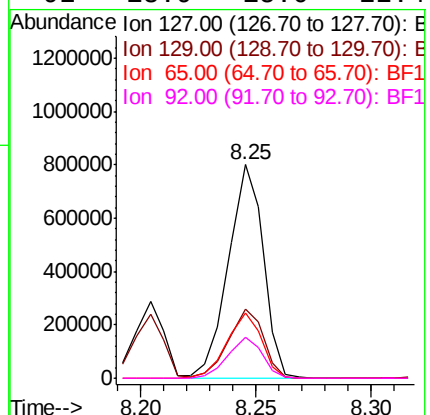
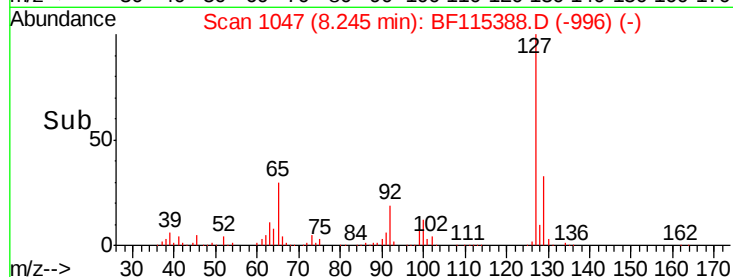
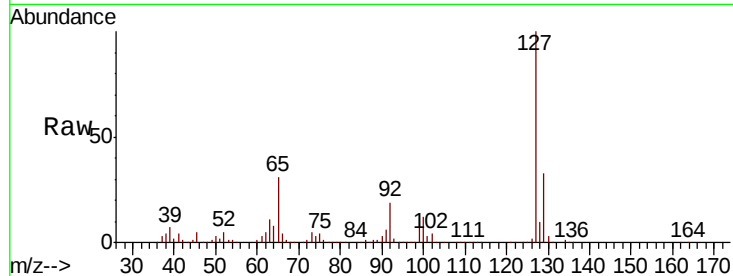
#33  
4-Chloroaniline  
Concen: 57.987 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.6 | 26.5  | 39.7 |       |       |
| 65      | 30.7 | 23.3  | 34.9 |       |       |
| 92      | 18.9 | 15.0  | 22.4 |       |       |

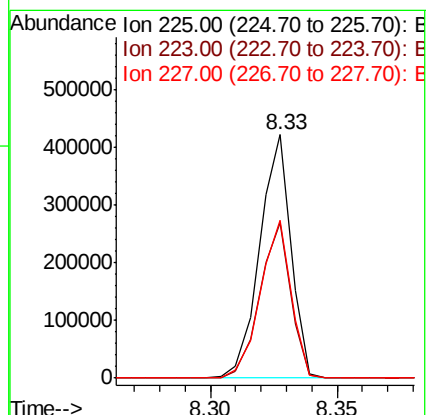
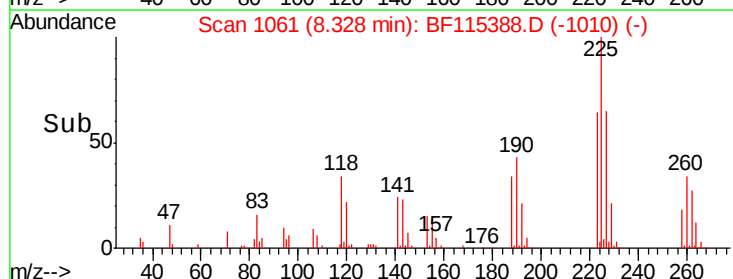
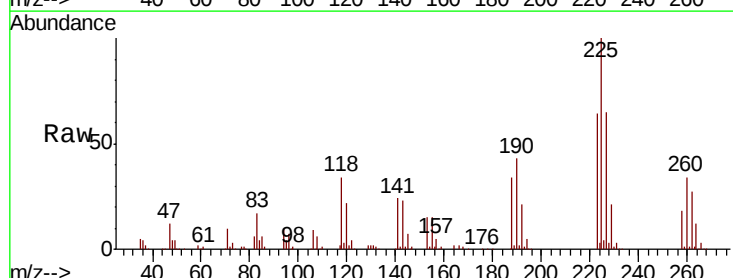
Manual Integrations  
APPROVED

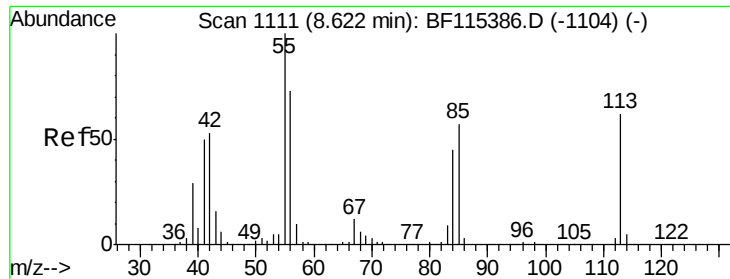
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#34  
Hexachlorobutadiene  
Concen: 61.908 ng  
RT: 8.33 min Scan# 1061  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 64.0 | 50.7  | 76.1 |       |       |
| 227     | 64.7 | 52.1  | 78.1 |       |       |





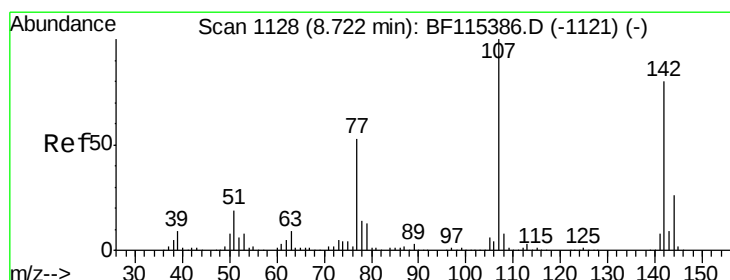
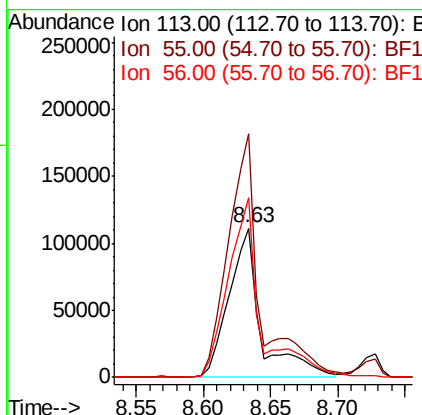
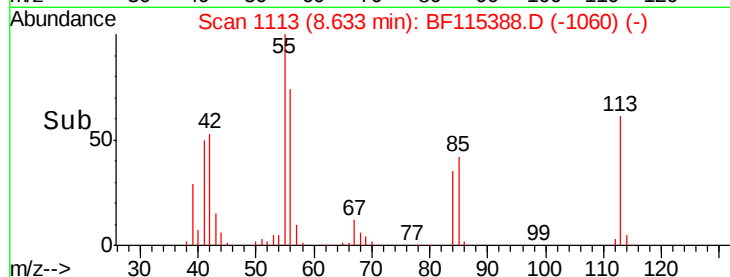
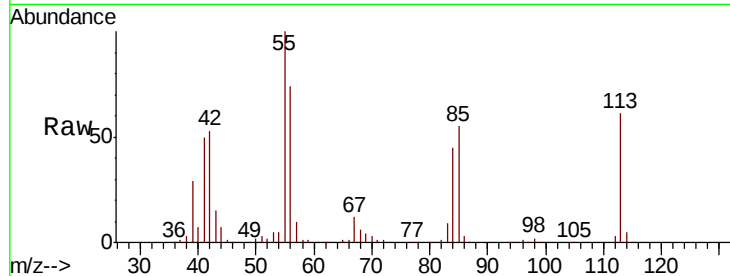
#35  
Caprolactam  
Concen: 56.380 ng/ml  
RT: 8.63 min Scan# 1113  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 113     | 100   |       | 183019 |       |       |
| 55      | 163.1 | 141.9 | 181.9  |       |       |
| 56      | 120.5 | 98.7  | 138.7  |       |       |

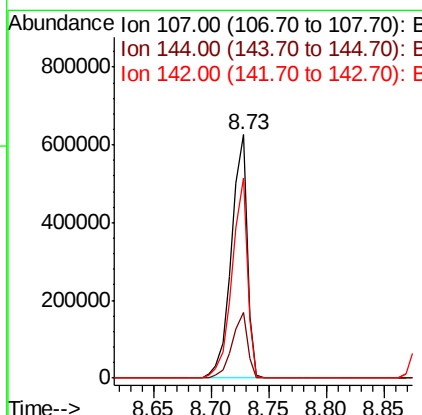
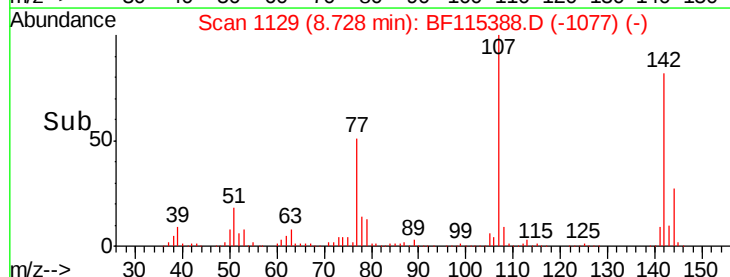
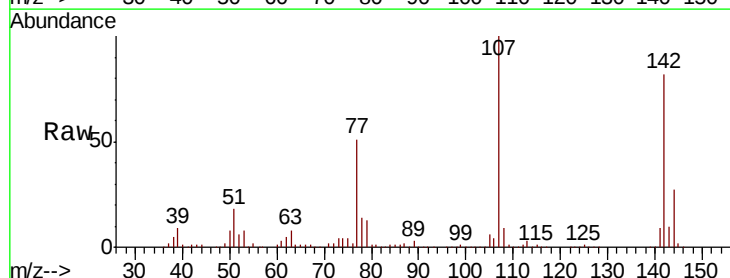
Manual Integrations  
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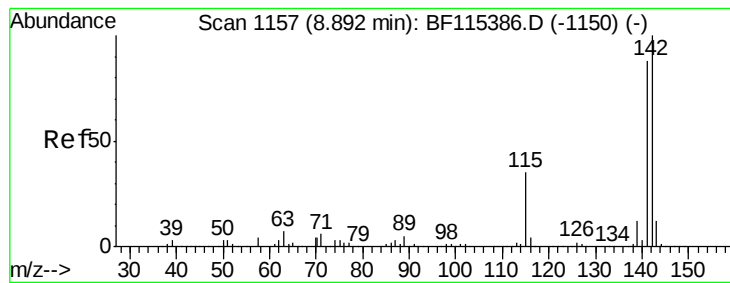
mohammad  
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#36  
4-Chloro-3-methylphenol  
Concen: 61.267 ng/ml  
RT: 8.73 min Scan# 1129  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 599078 |       |       |
| 144     | 26.8 | 20.8  | 31.2   |       |       |
| 142     | 82.3 | 64.0  | 96.0   |       |       |





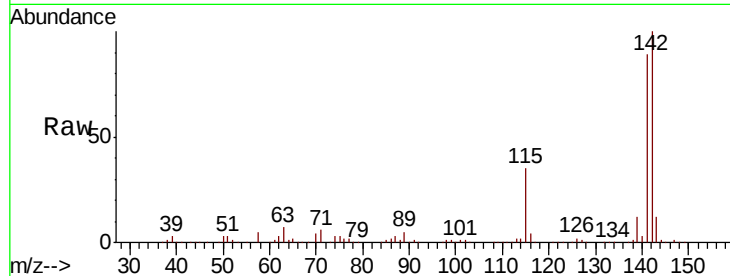
#37  
2-Methylnaphthalene  
Concen: 58.376 ng  
RT: 8.89 min Scan# 1157  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.1  | 70.6  | 106.0 |
| 115     | 35.4  | 27.8  | 41.8  |

Manual Integrations  
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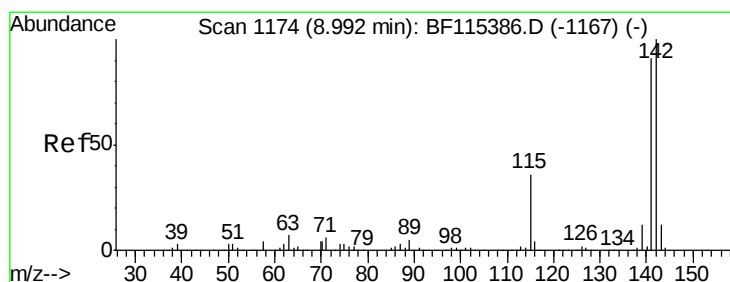
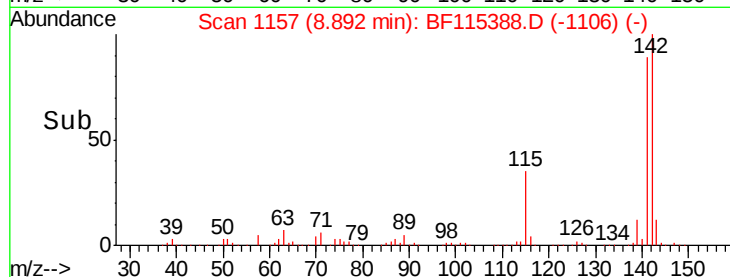
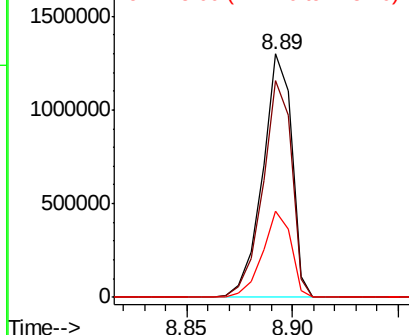


Abundance

Ion 142.00 (141.70 to 142.70): E

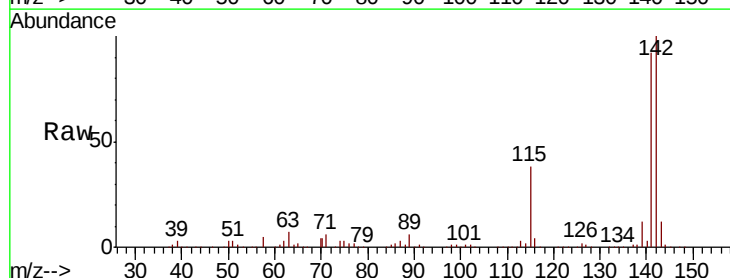
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 58.340 ng  
RT: 8.99 min Scan# 1174  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.7  | 72.7  | 109.1 |
| 116     | 4.1   | 3.0   | 4.4   |

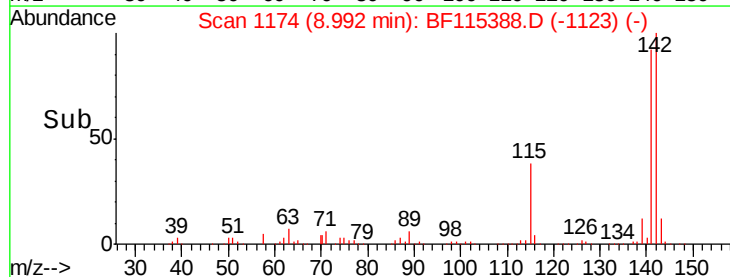
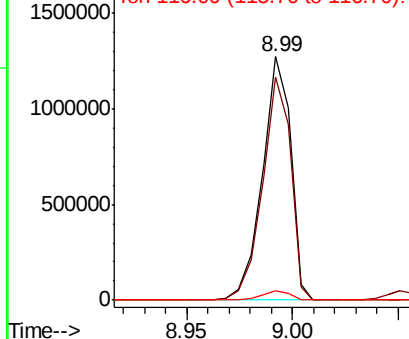


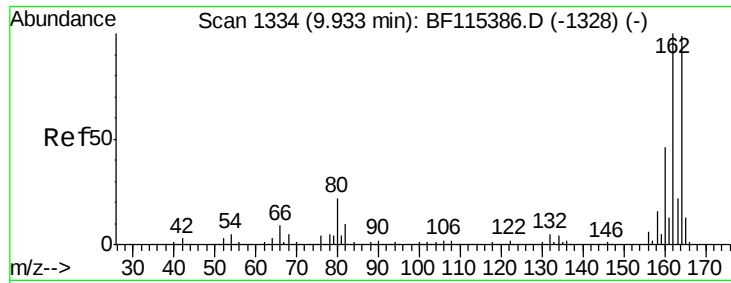
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





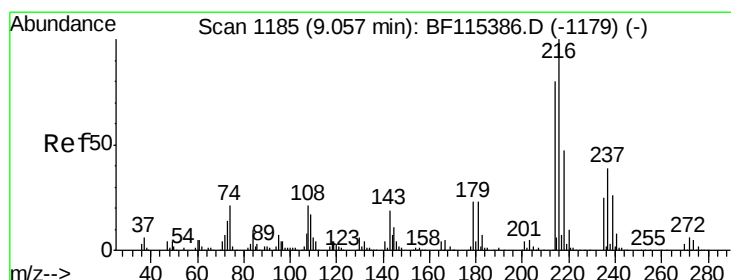
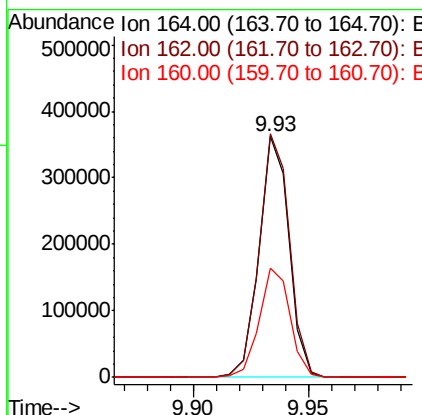
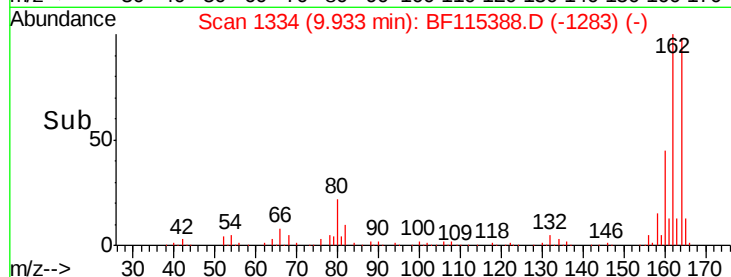
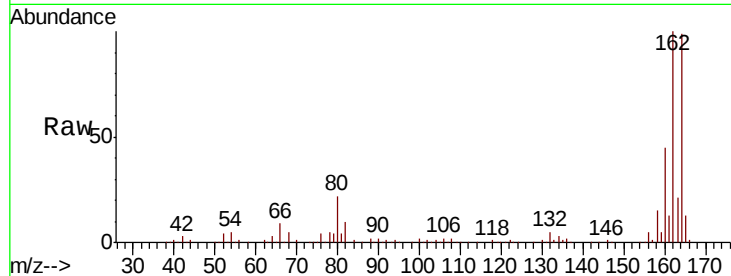
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.93 min Scan# 1334  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 101.1 | 80.6 | 121.0 |       |
| 160     | 45.6  | 37.0 | 55.6  |       |

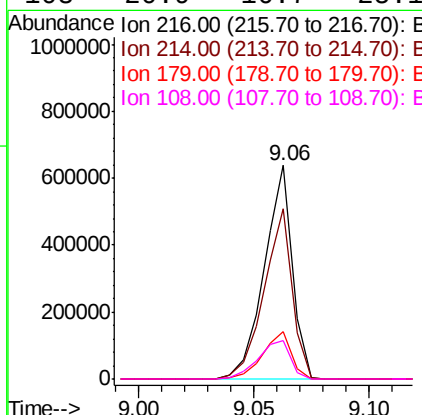
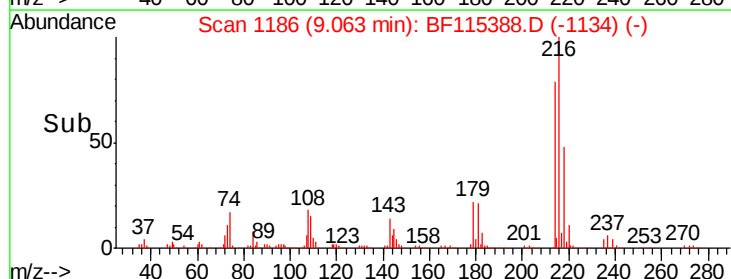
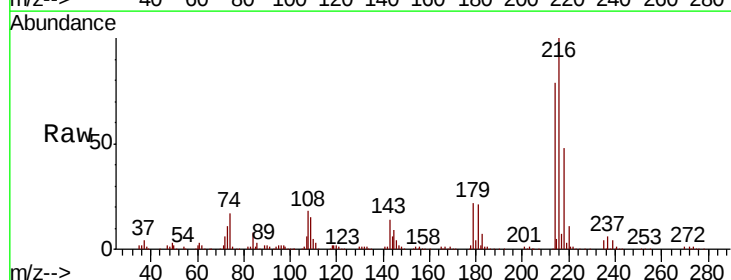
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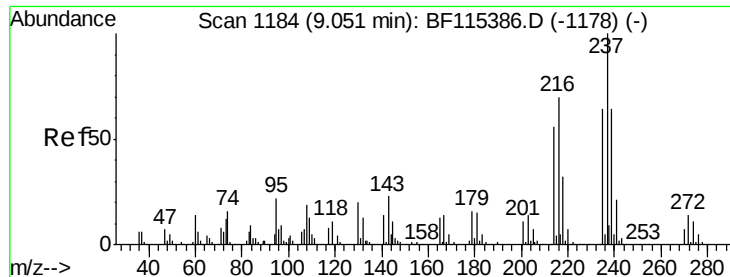
mohammad  
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#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 58.491 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. 0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 79.9  | 63.7 | 95.5  |       |
| 179     | 22.5  | 17.8 | 26.8  |       |
| 108     | 20.9  | 16.7 | 25.1  |       |





#41

Hexachlorocyclopentadiene

Concen: 60.211 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

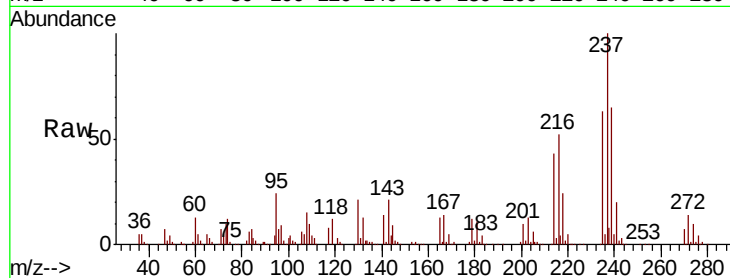
ClientSampleId :

SSTDICC060

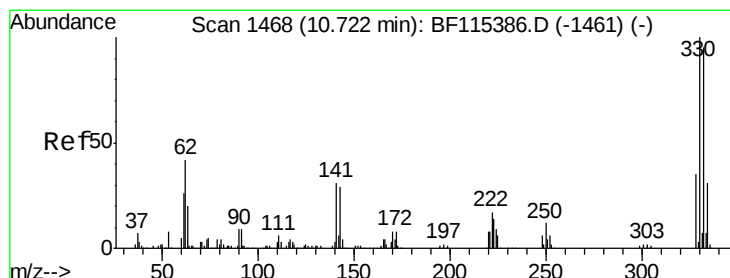
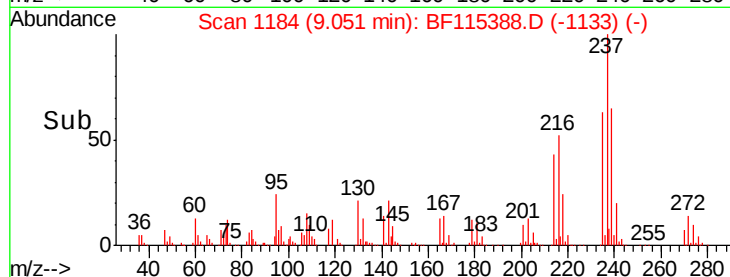
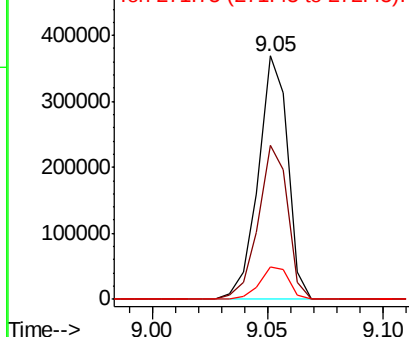
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 329555 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.4  | 44.4  | 84.4   |
| 272       | 13.5  | 0.0   | 33.7   |

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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.079 ng

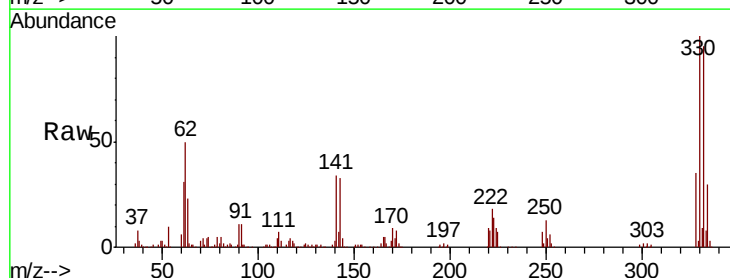
RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

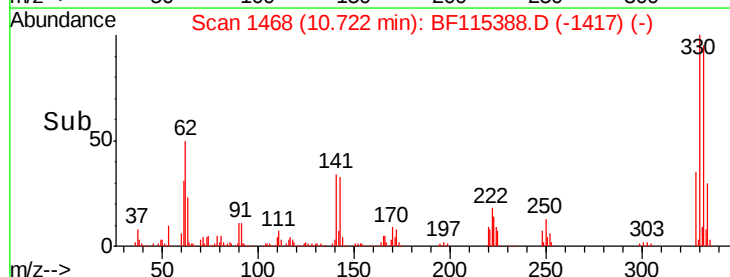
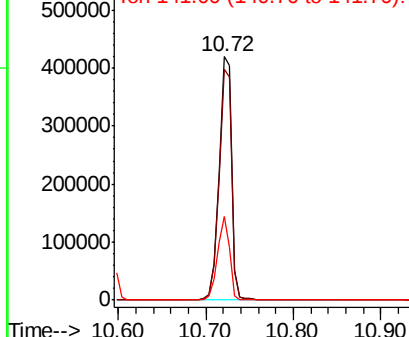
Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 420518 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 94.8  | 76.3  | 114.5  |
| 141       | 32.8  | 27.0  | 40.4   |



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





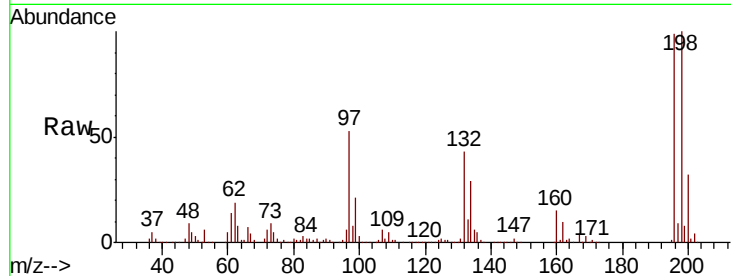
#43  
 2,4,6-Trichlorophenol  
 Concen: 56.724 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. 0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 404232 |       |       |
| 198     | 101.3 | 79.5   | 119.3 |       |
| 200     | 32.5  | 25.8   | 38.8  |       |

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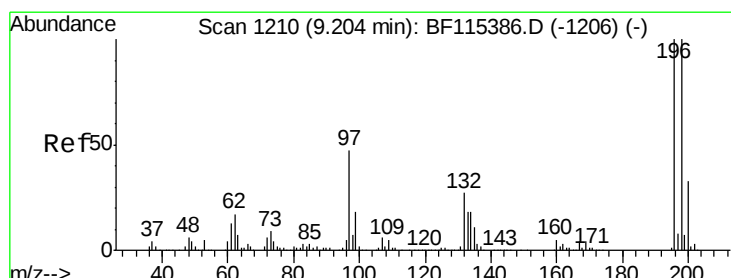
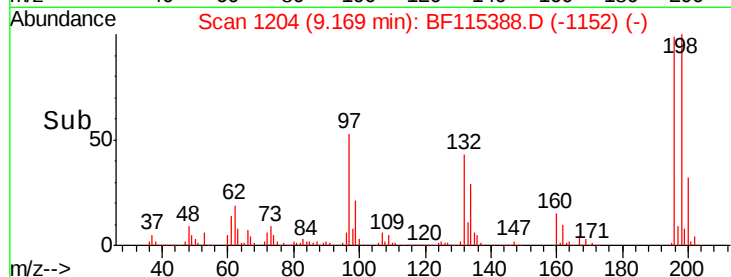
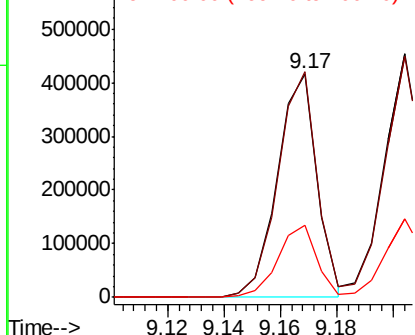


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 58.122 ng  
 RT: 9.20 min Scan# 1210  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 426544 |       |       |
| 198     | 99.2  | 80.3   | 120.5 |       |
| 97      | 50.5  | 38.3   | 57.5  |       |
| 132     | 29.3  | 22.2   | 33.2  |       |

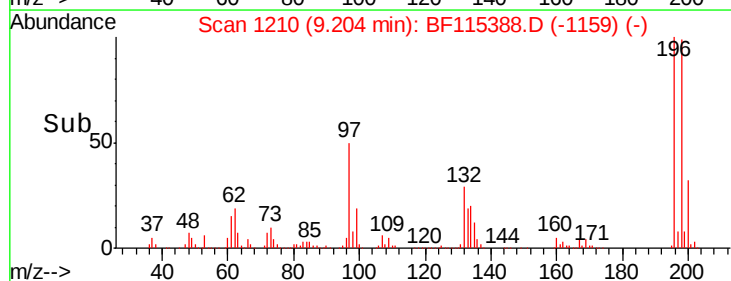
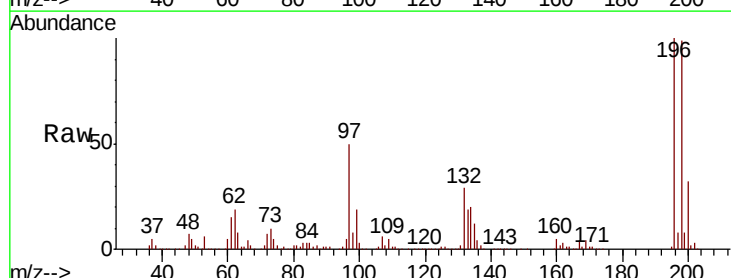
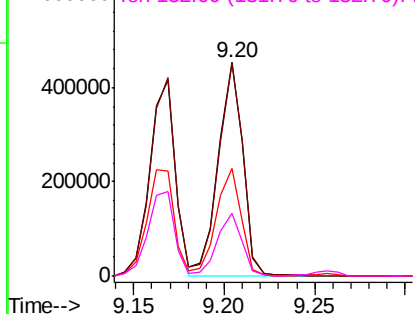
Abundance

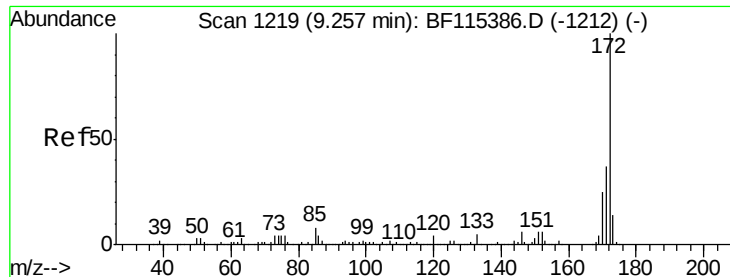
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





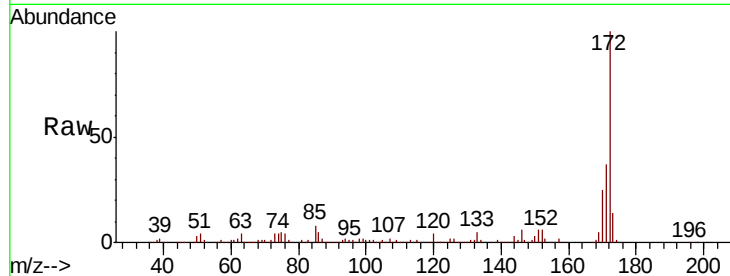
#45  
 2-Fluorobiphenyl  
 Concen: 112.397 ng  
 RT: 9.26 min Scan# 1219  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

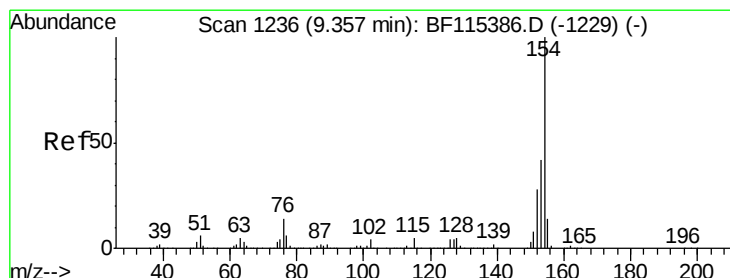
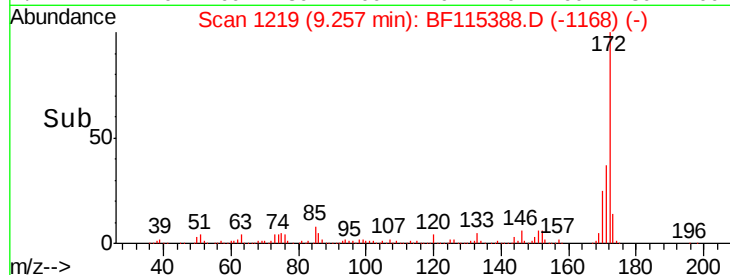
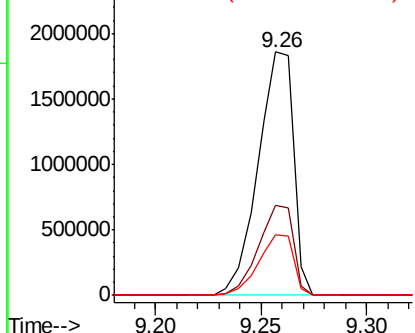
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.1  | 29.8  | 44.8  |
| 170     | 25.1  | 20.2  | 30.4  |

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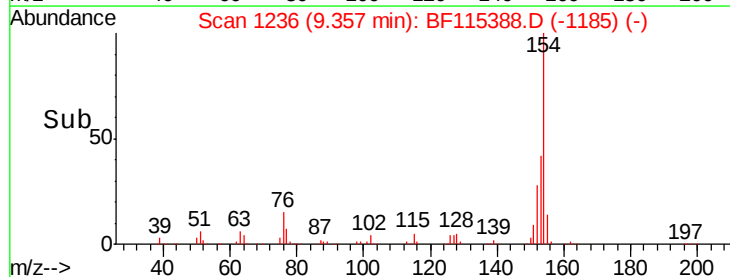
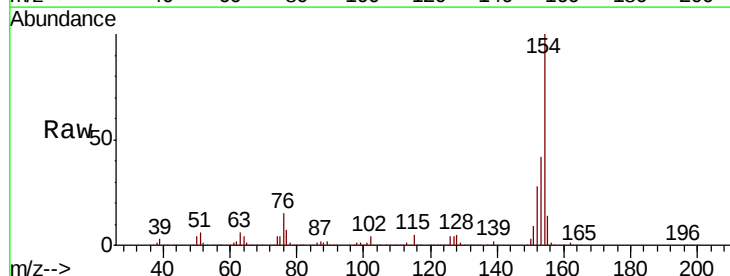
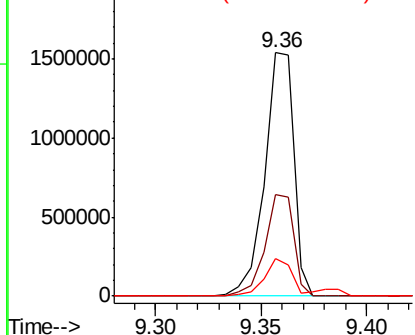
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

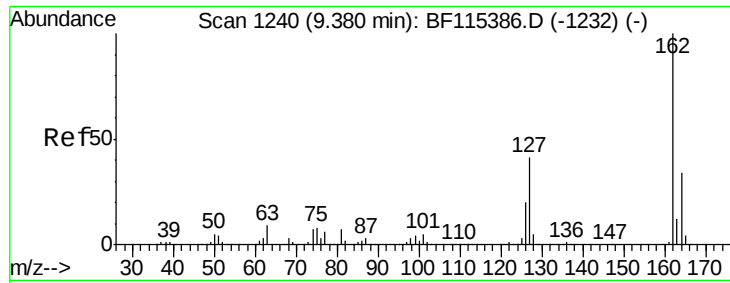


#46  
 1,1'-Biphenyl  
 Concen: 56.583 ng  
 RT: 9.36 min Scan# 1236  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.9  | 21.9  | 61.9  |
| 76      | 15.4  | 0.0   | 34.3  |

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





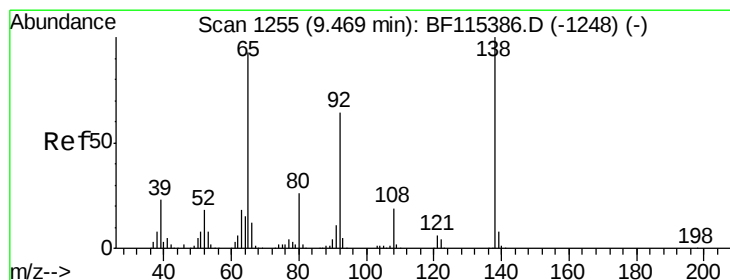
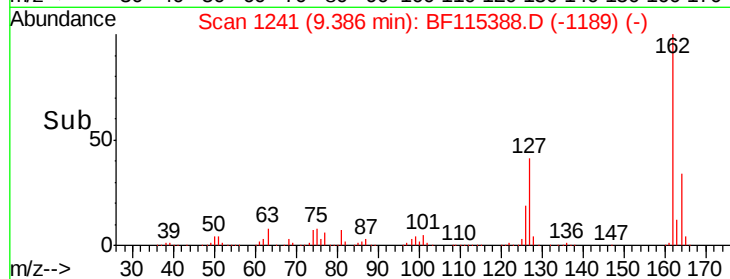
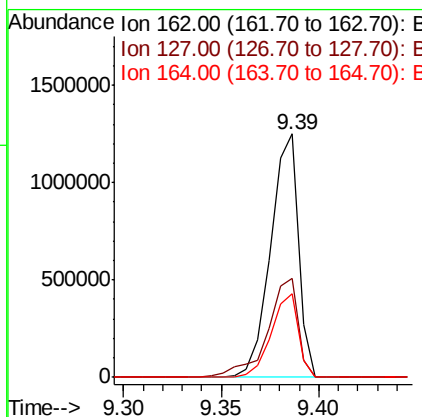
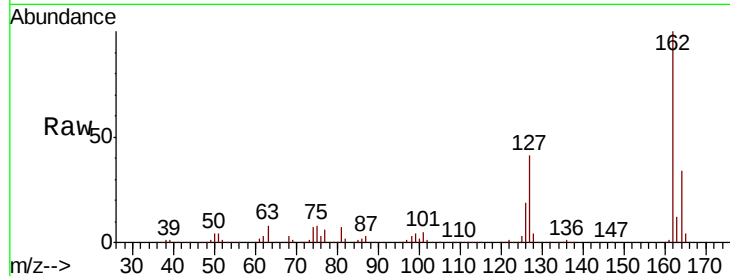
#47  
 2-Chloronaphthalene  
 Concen: 58.183 ng  
 RT: 9.39 min Scan# 1241  
 Delta R.T. 0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.5  | 32.8  | 49.2  |
| 164     | 34.2  | 27.0  | 40.6  |

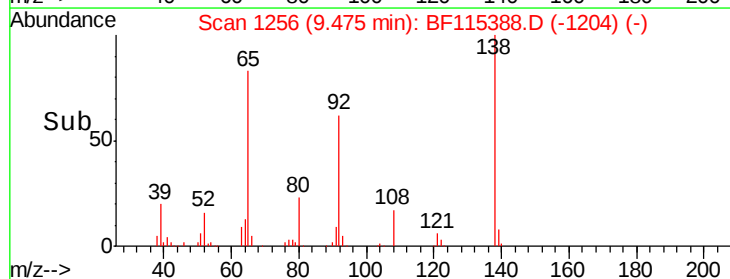
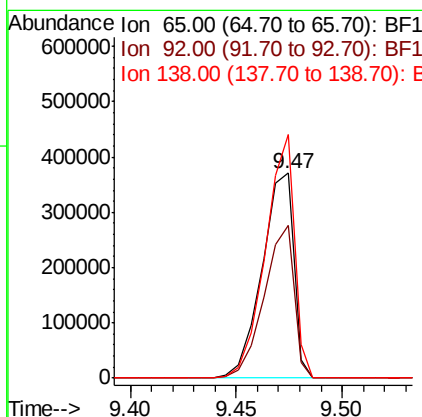
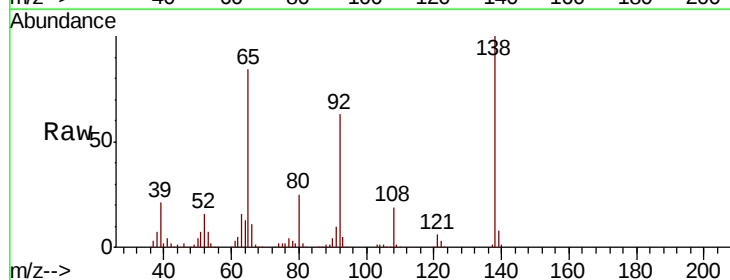
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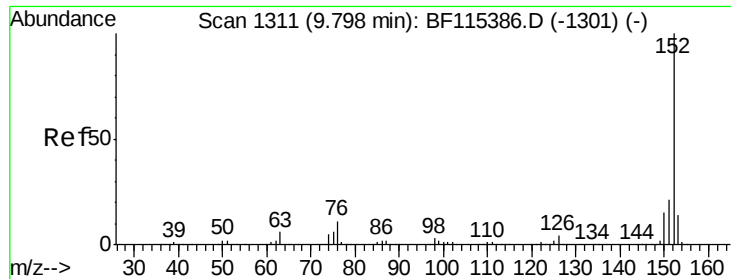
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#48  
 2-Nitroaniline  
 Concen: 62.670 ng  
 RT: 9.47 min Scan# 1256  
 Delta R.T. 0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.4  | 55.4  | 83.0  |
| 138     | 119.0 | 85.8  | 128.8 |





#49

Acenaphthylene

Concen: 55.580 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:152 Resp: 1835898

Ion Ratio Lower Upper

152 100

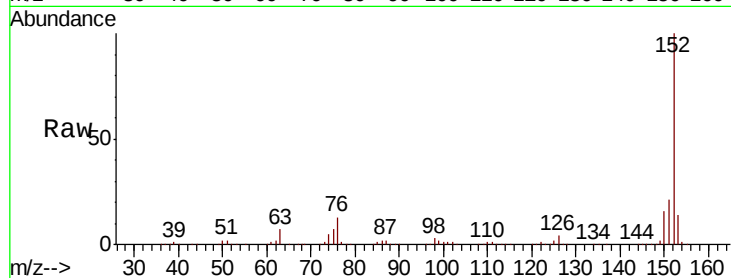
151 21.4 17.0 25.4

153 14.5 11.4 17.2

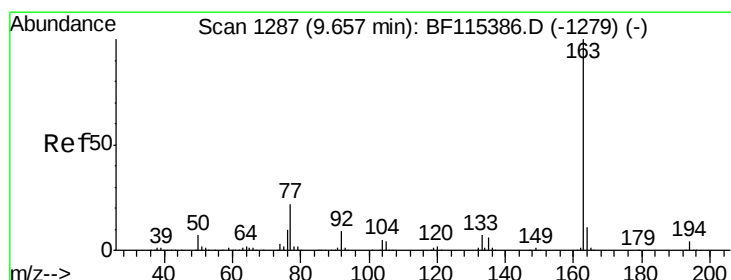
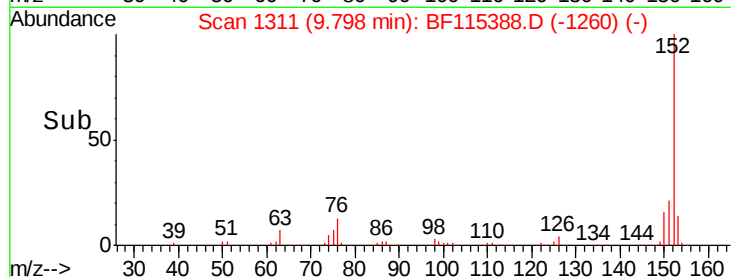
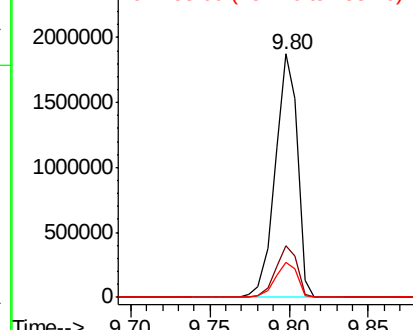
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.919 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

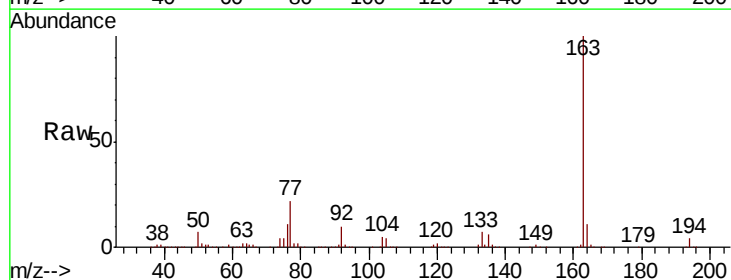
Tgt Ion:163 Resp: 1391927

Ion Ratio Lower Upper

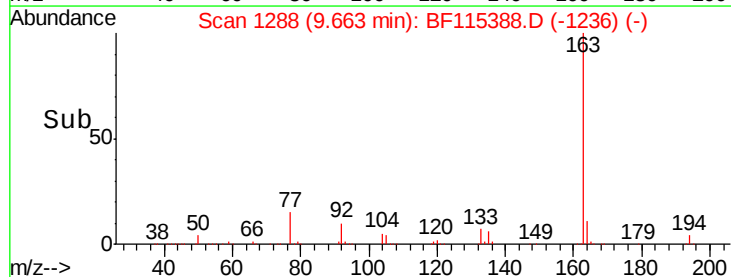
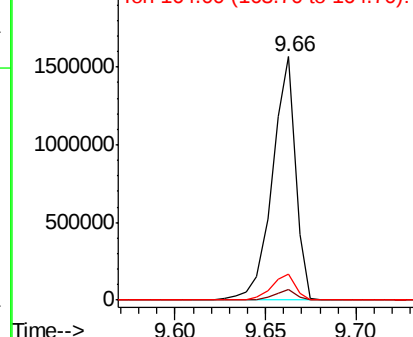
163 100

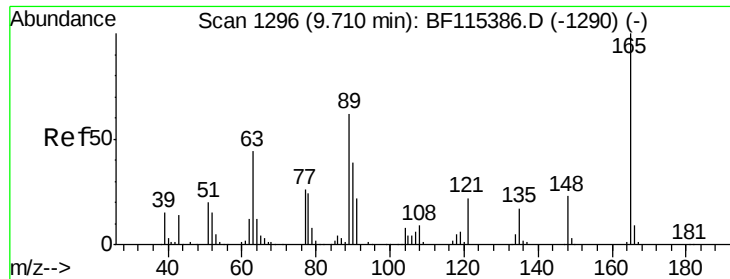
194 4.1 3.2 4.8

164 10.8 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 57.525 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

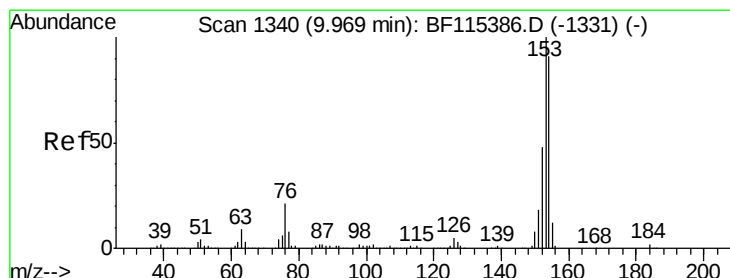
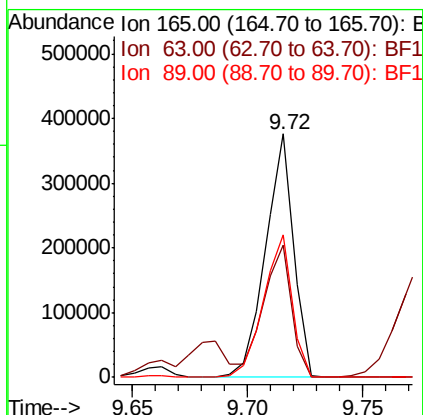
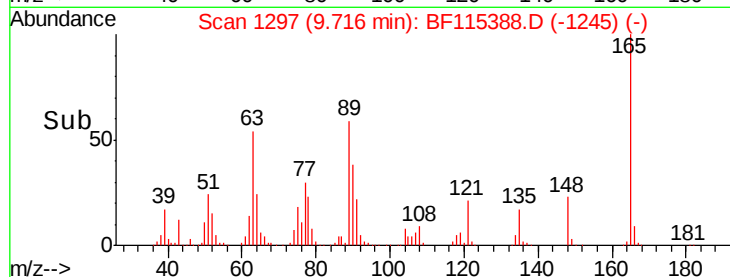
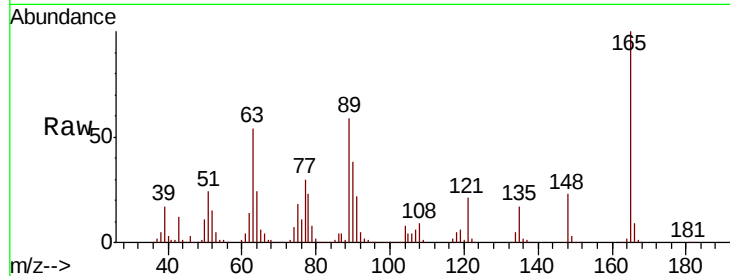
ClientSampleId :

SSTDICC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 319168 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 54.5  | 45.8  | 68.6   |
| 89        | 58.5  | 49.9  | 74.9   |

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#52

Acenaphthene

Concen: 56.104 ng

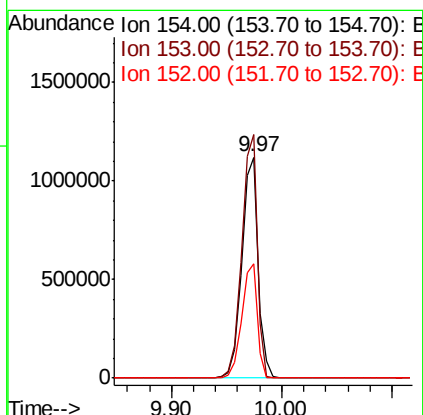
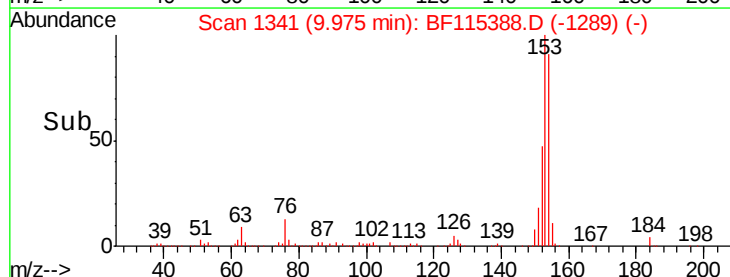
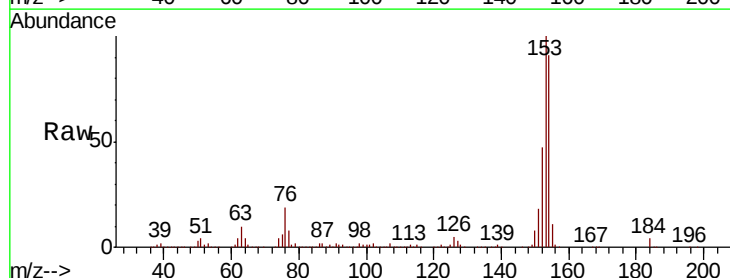
RT: 9.97 min Scan# 1341

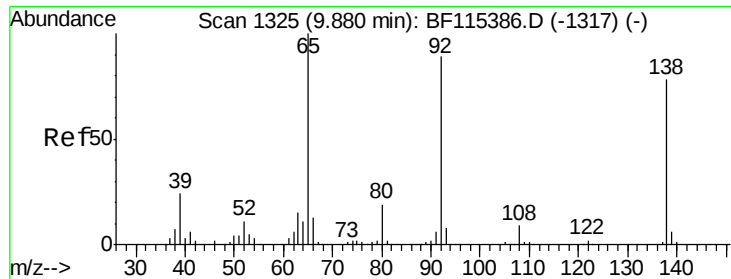
Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 154   | Resp: | 1159633 |
| Ion Ratio | Lower | Upper |         |
| 154       | 100   |       |         |
| 153       | 110.1 | 87.9  | 131.9   |
| 152       | 51.6  | 42.2  | 63.2    |





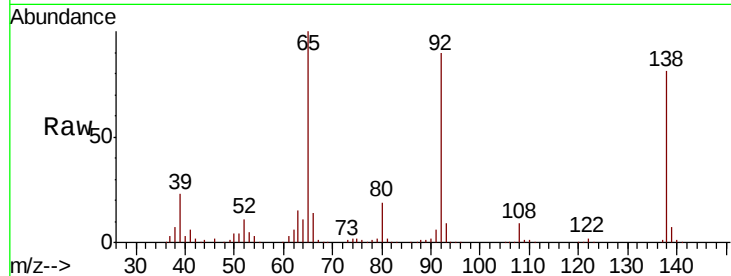
#53  
3-Nitroaniline  
Concen: 53.932 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.8  | 9.0   | 13.4  |
| 92      | 111.9 | 90.5  | 135.7 |

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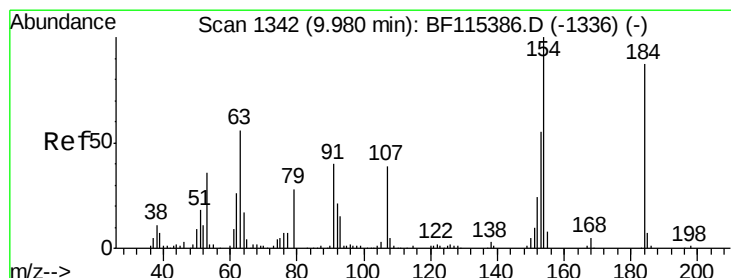
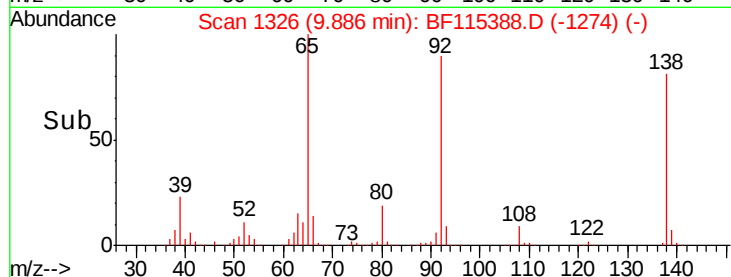
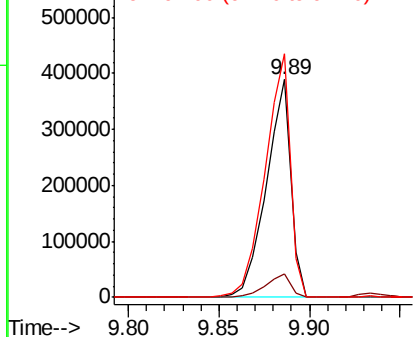


Abundance

Ion 138.00 (137.70 to 138.70): E

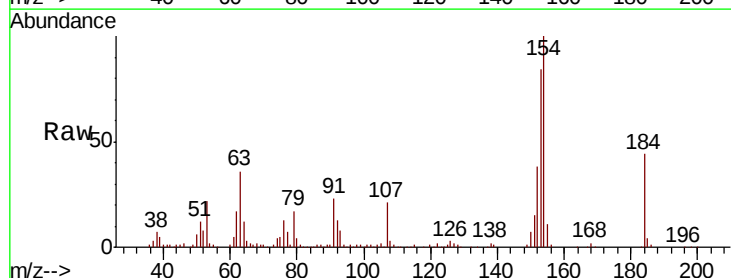
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54  
2,4-Dinitrophenol  
Concen: 52.013 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 81.8  | 52.1  | 78.1#  |
| 154     | 228.5 | 97.7  | 146.5# |

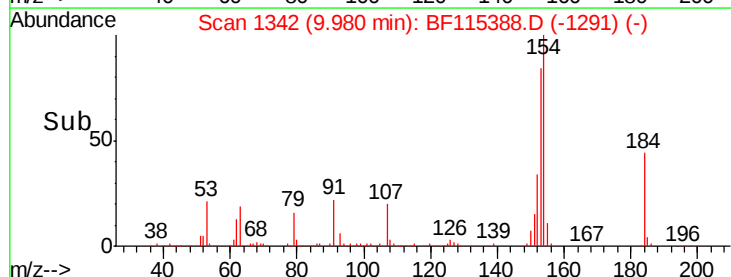
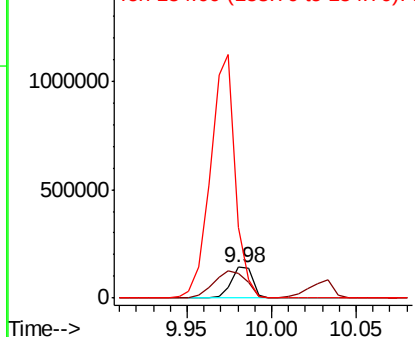


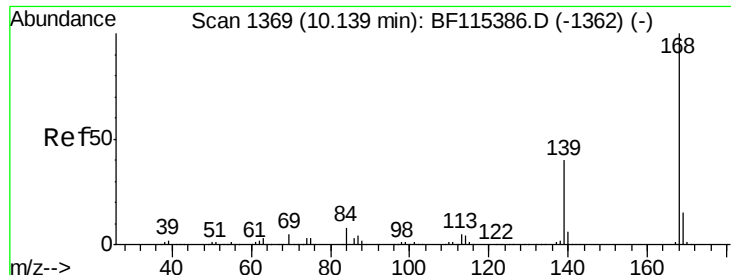
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 54.788 ng

RT: 10.15 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion:168 Resp: 1625347

Ion Ratio Lower Upper

168 100

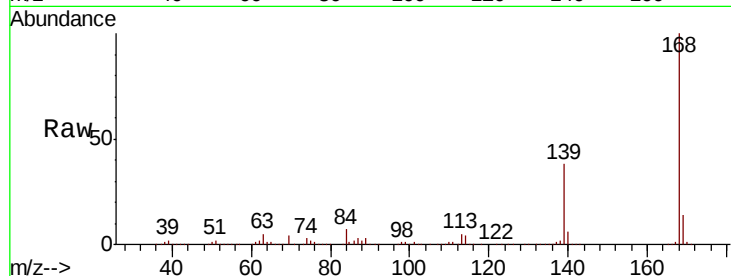
139 38.3 32.2 48.2

169 14.1 11.7 17.5

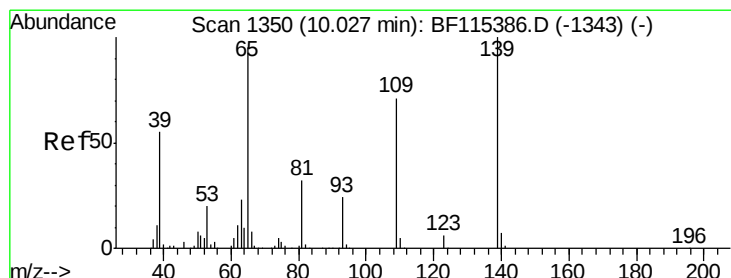
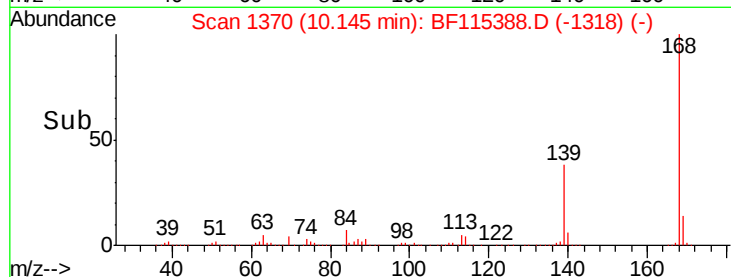
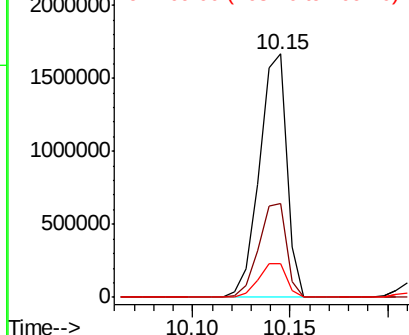
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Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 53.151 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

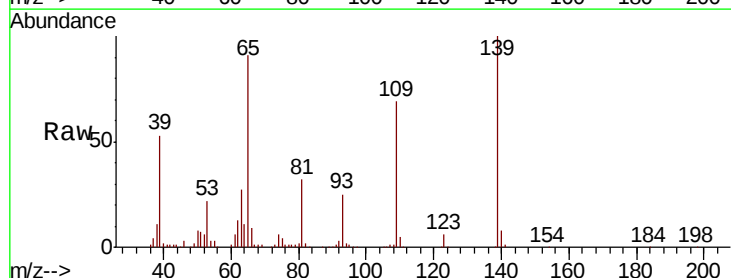
Tgt Ion:139 Resp: 288511

Ion Ratio Lower Upper

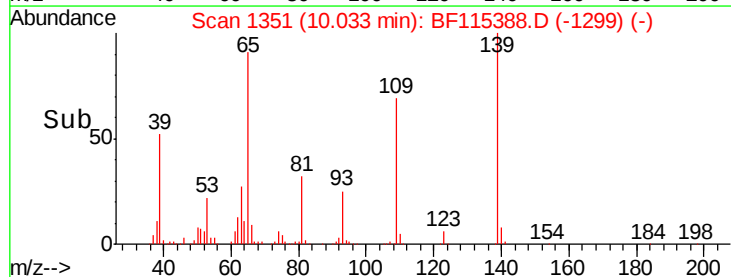
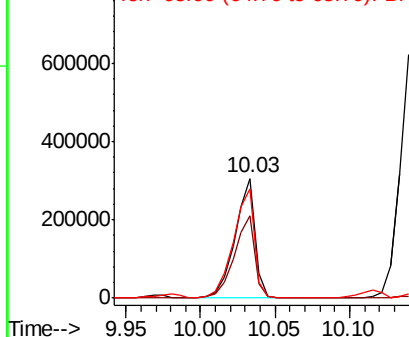
139 100

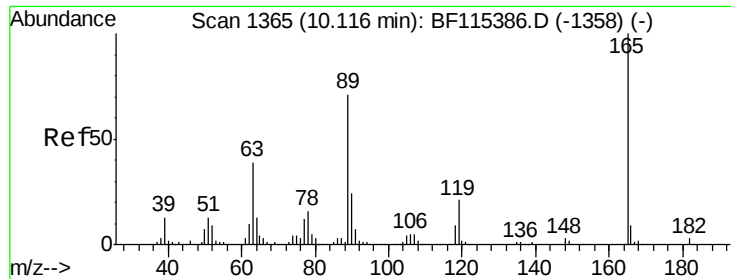
109 69.4 51.1 91.1

65 91.3 75.2 115.2



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1





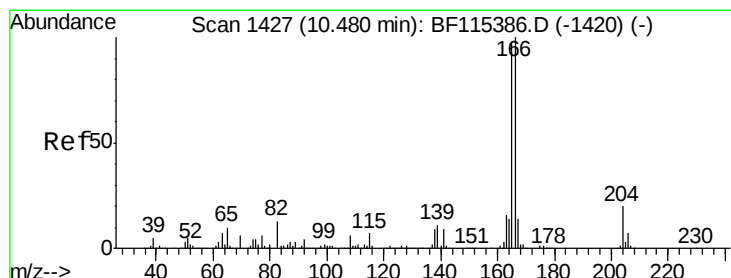
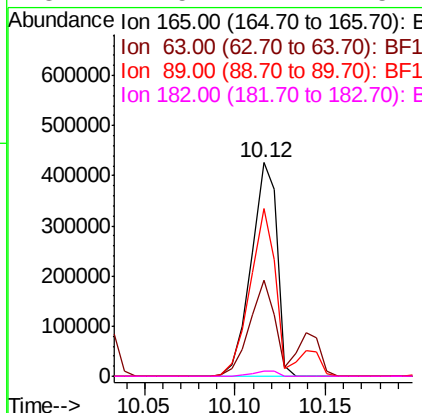
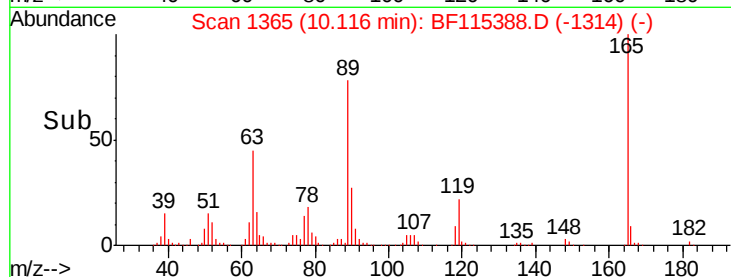
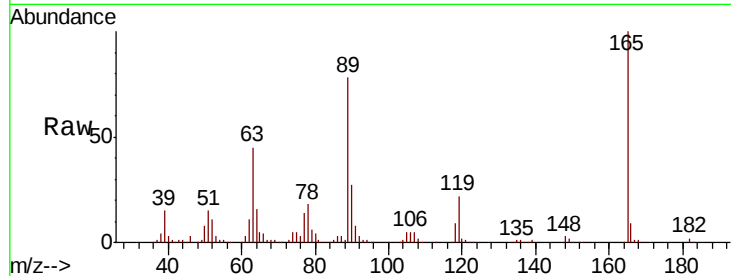
#57  
2,4-Dinitrotoluene  
Concen: 58.883 ng  
RT: 10.12 min Scan# 1365  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.1  | 31.4  | 47.0  |
| 89      | 78.2  | 57.1  | 85.7  |
| 182     | 2.5   | 2.2   | 3.2   |

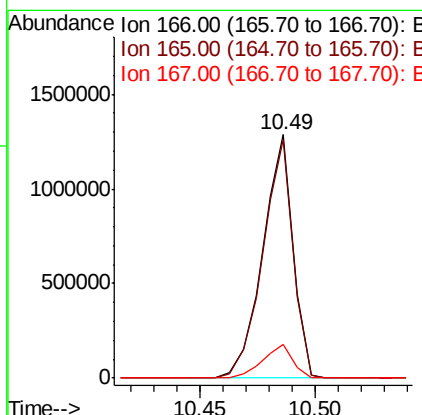
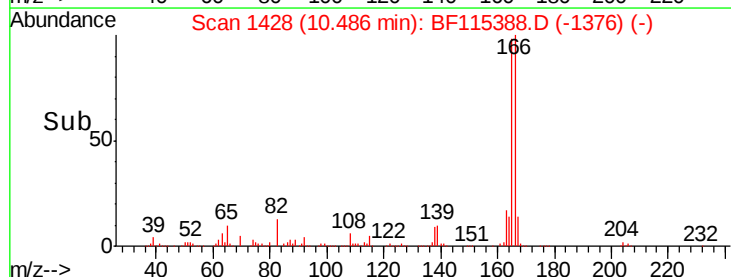
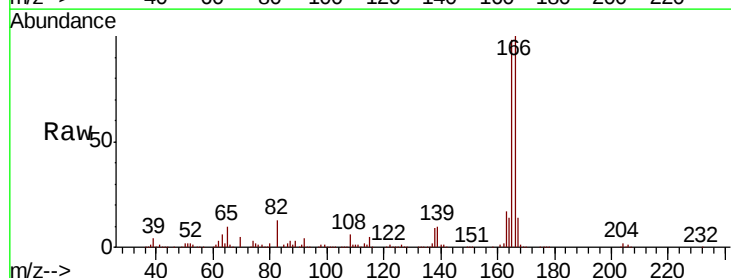
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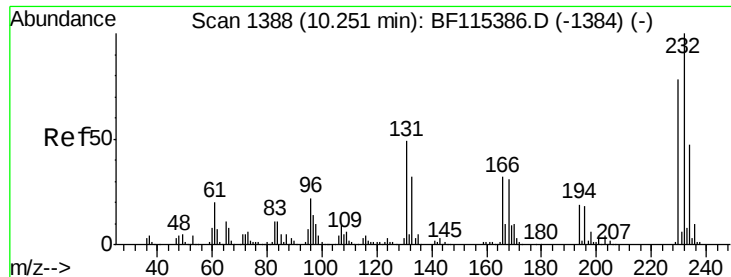
mohammad  
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#58  
Fluorene  
Concen: 53.131 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.2  | 77.8  | 116.6 |
| 167     | 13.8  | 11.0  | 16.6  |





#59

2,3,4,6-Tetrachlorophenol

Concen: 58.904 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion:232 Resp: 362475  
Ion Ratio Lower Upper

232 100

131 45.8 36.6 55.0

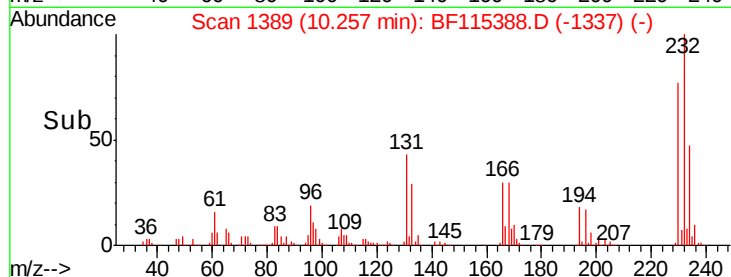
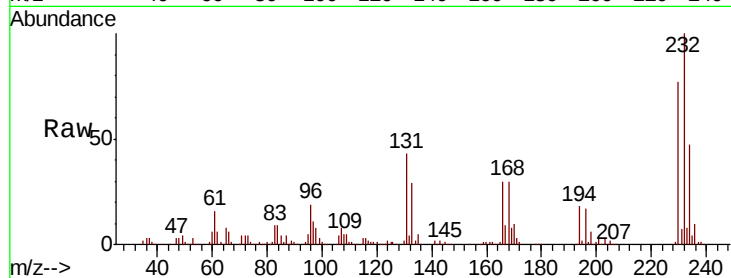
130 2.4 1.8 2.8

166 31.0 24.6 36.8

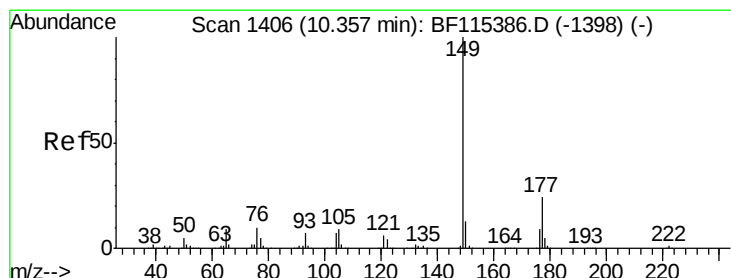
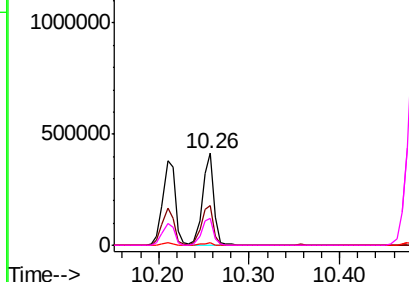
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Abundance Ion 232.00 (231.70 to 232.70): E  
1500000  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 57.336 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BF115388.D

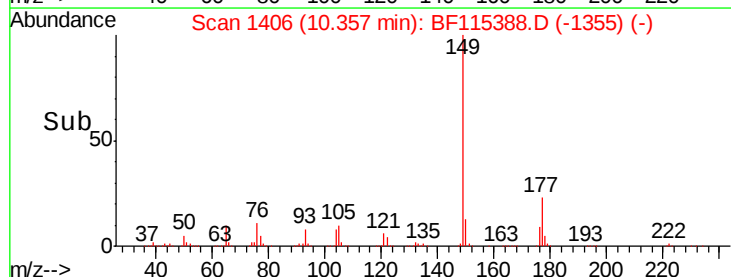
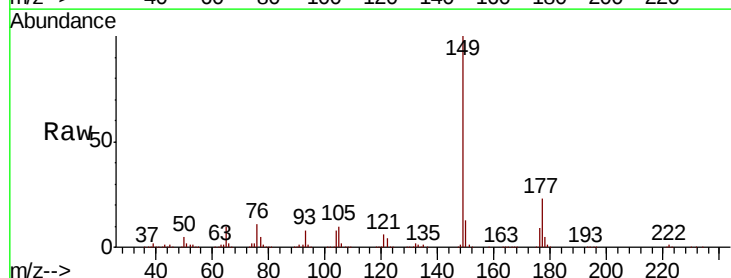
Acq: 5 Jul 2019 10:41

Tgt Ion:149 Resp: 1385096  
Ion Ratio Lower Upper

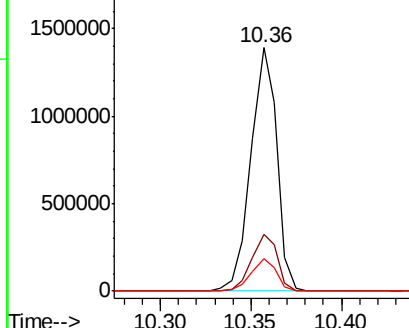
149 100

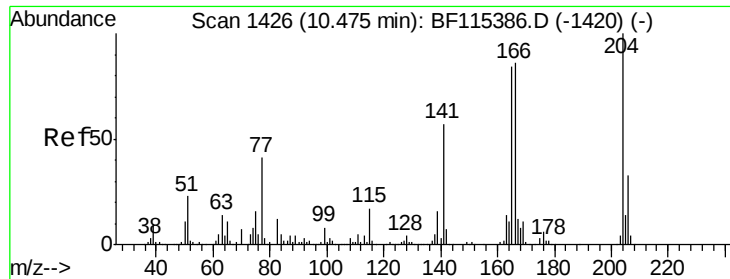
177 23.4 18.8 28.2

150 13.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E  
1500000  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E





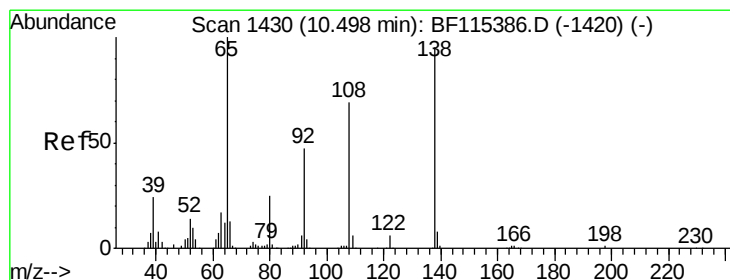
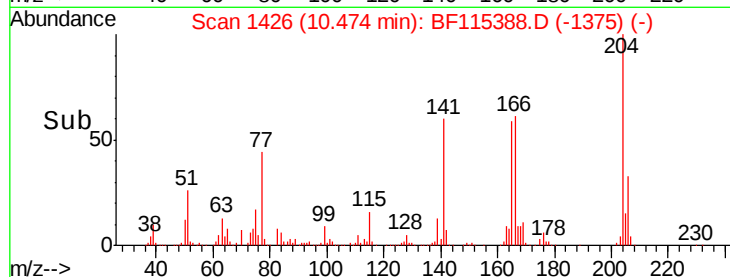
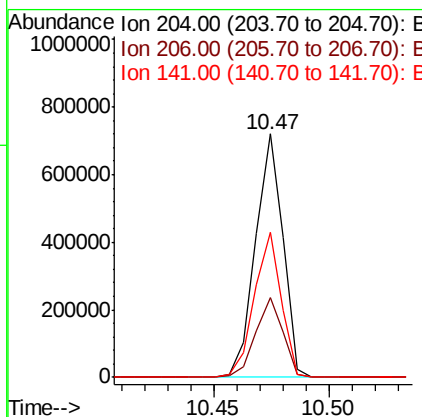
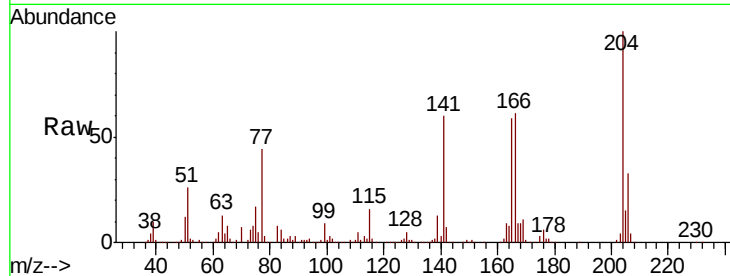
#61  
4-Chlorophenyl-phenylether  
Concen: 56.893 ng  
RT: 10.47 min Scan# 1426  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampled :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.9  | 26.1  | 39.1  |
| 141     | 59.6  | 45.8  | 68.6  |

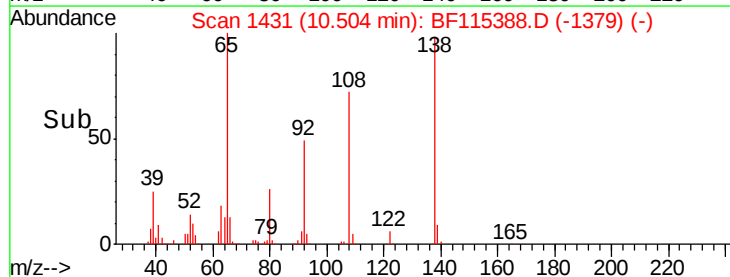
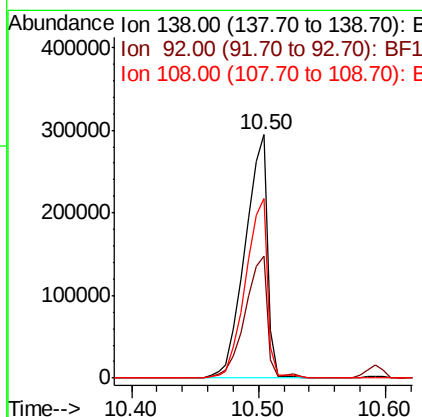
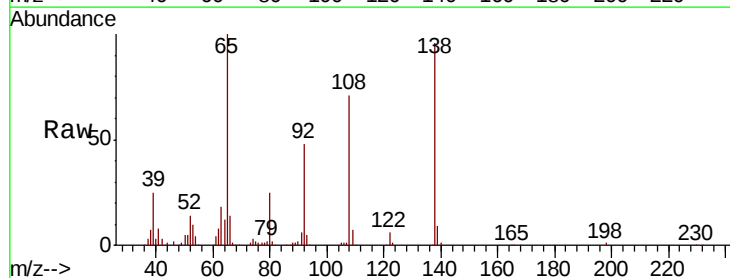
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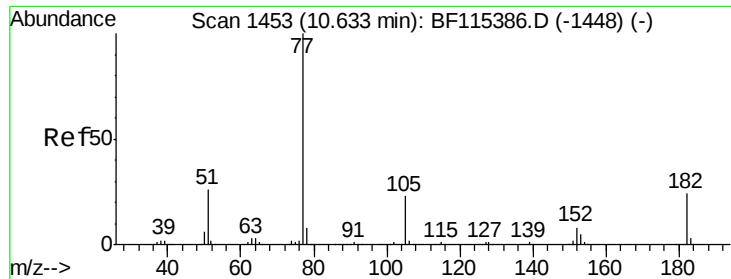
mohammad  
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#62  
4-Nitroaniline  
Concen: 53.349 ng  
RT: 10.50 min Scan# 1431  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.3  | 29.3  | 69.3  |
| 108     | 73.6  | 53.2  | 93.2  |





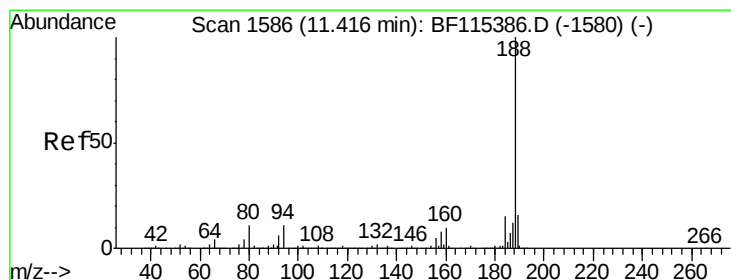
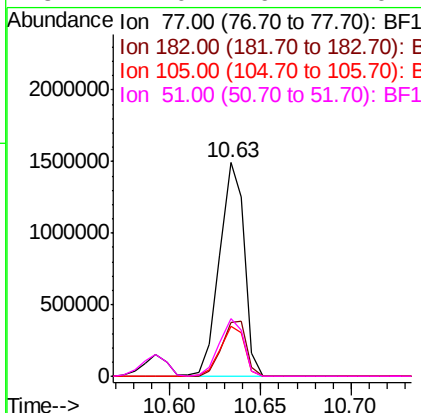
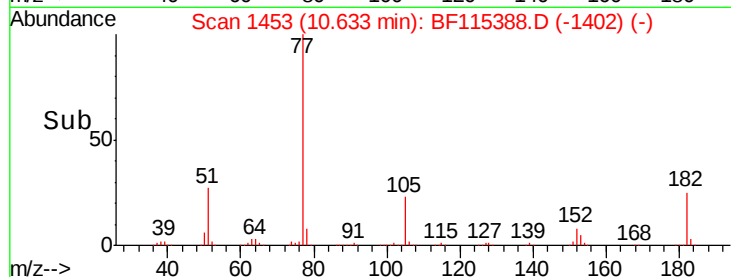
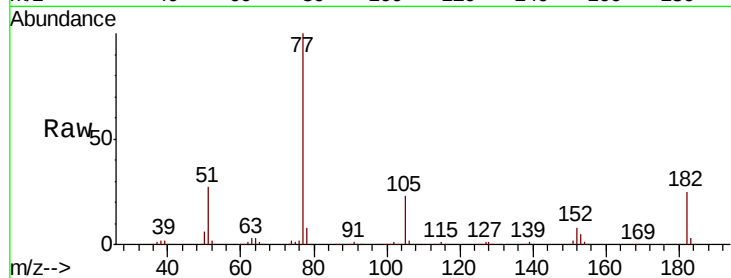
#63  
Azobenzene  
Concen: 62.637 ng  
RT: 10.63 min Scan# 1453  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 25.1 | 4.1   | 44.1  |       |
| 105     | 23.5 | 2.6   | 42.6  |       |
| 51      | 27.0 | 6.4   | 46.4  |       |

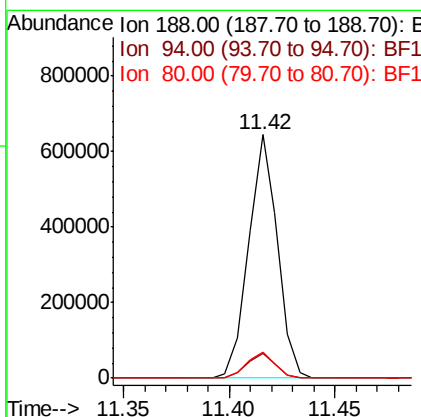
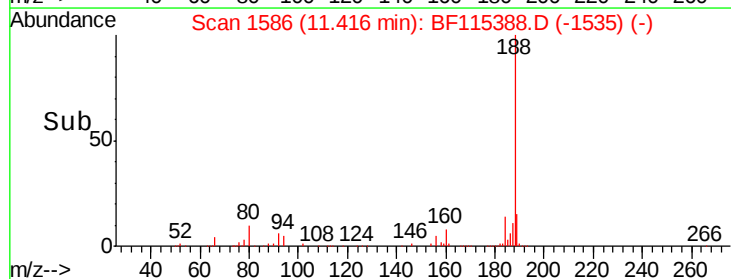
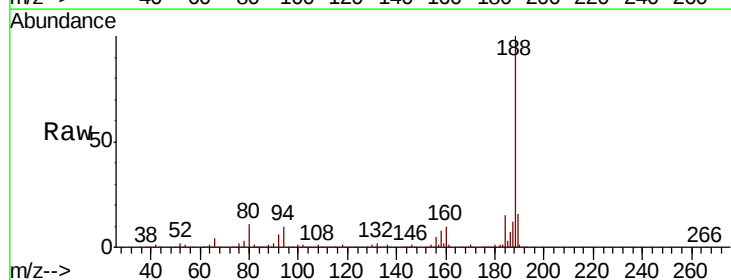
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 188     | 100  |       |       |       |
| 94      | 10.1 | 8.5   | 12.7  |       |
| 80      | 10.9 | 9.1   | 13.7  |       |





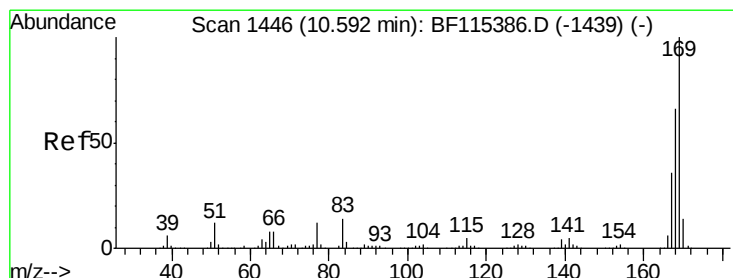
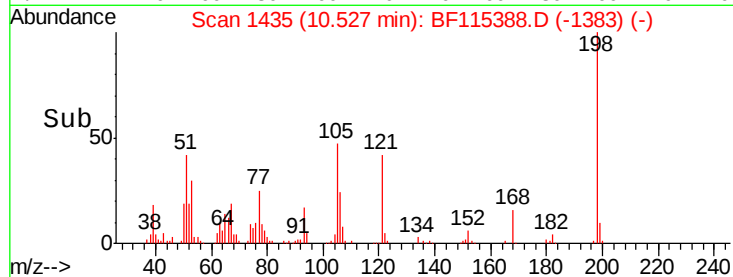
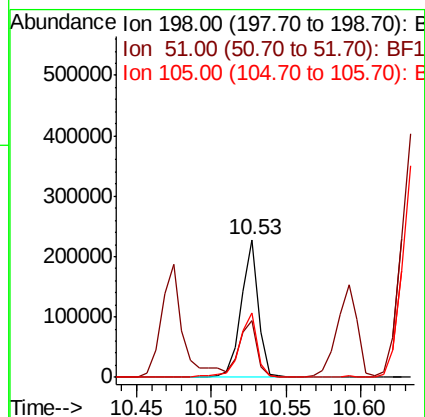
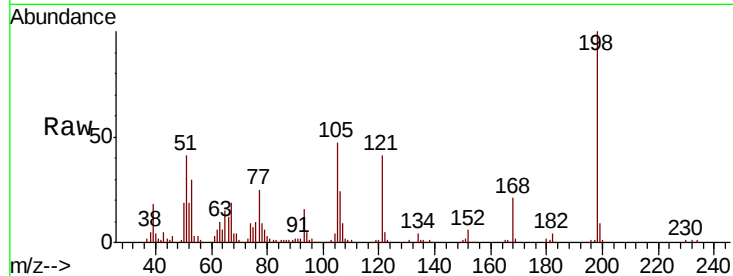
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 60.154 ng  
 RT: 10.53 min Scan# 1435  
 Delta R.T. 0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 41.1  | 25.4  | 65.4  |
| 105     | 46.8  | 27.9  | 67.9  |

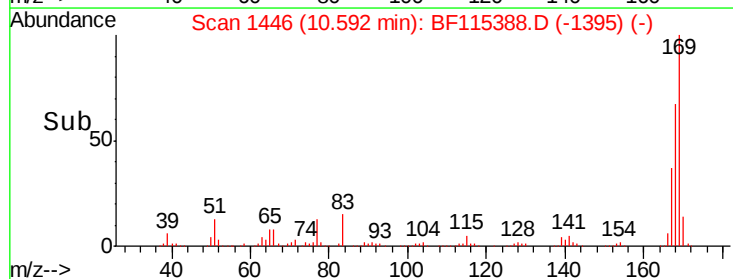
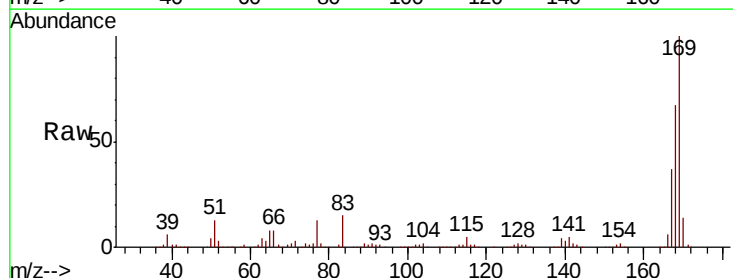
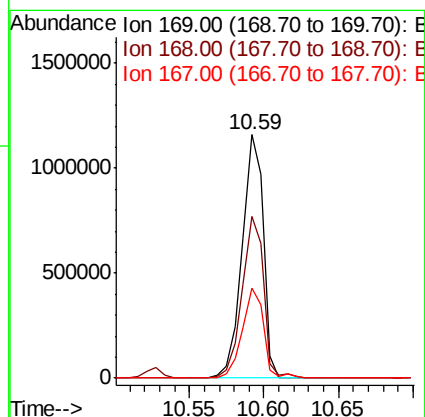
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#66  
 n-Nitrosodiphenylamine  
 Concen: 60.238 ng  
 RT: 10.59 min Scan# 1446  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.7  | 52.6  | 79.0  |
| 167     | 36.9  | 29.2  | 43.8  |





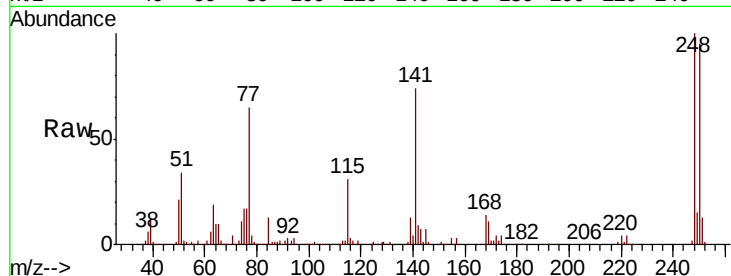
#67  
 4-Bromophenyl-phenylether  
 Concen: 62.716 ng  
 RT: 10.96 min Scan# 1509  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.5  | 77.3  | 115.9 |
| 141     | 73.6  | 58.5  | 87.7  |

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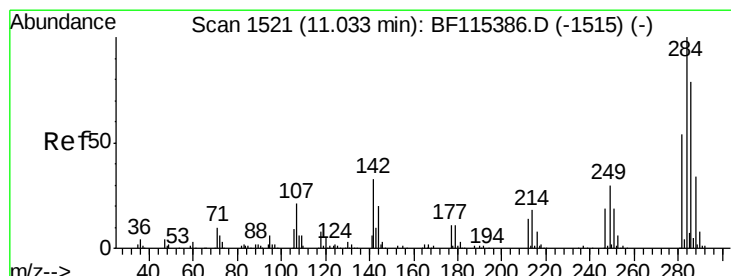
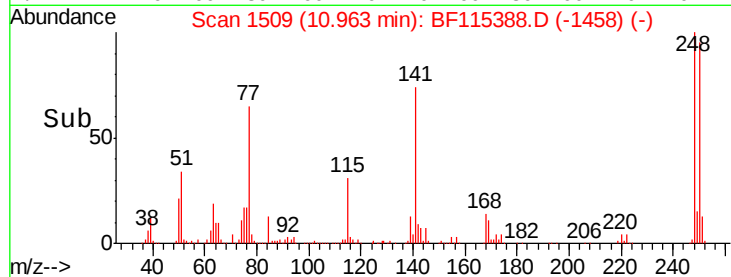
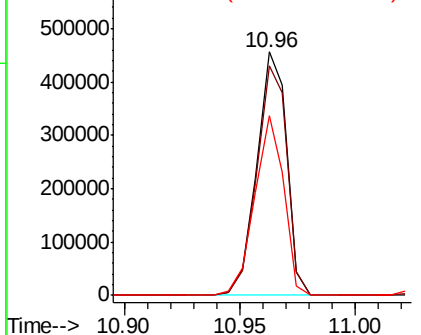


Abundance

Ion 248.00 (247.70 to 248.70): E

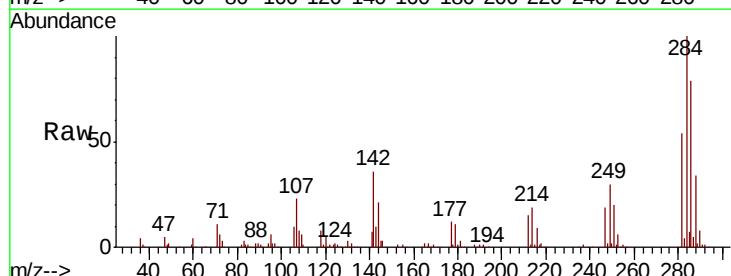
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 63.678 ng  
 RT: 11.03 min Scan# 1521  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.3  | 26.5  | 39.7  |
| 249     | 30.2  | 24.2  | 36.2  |

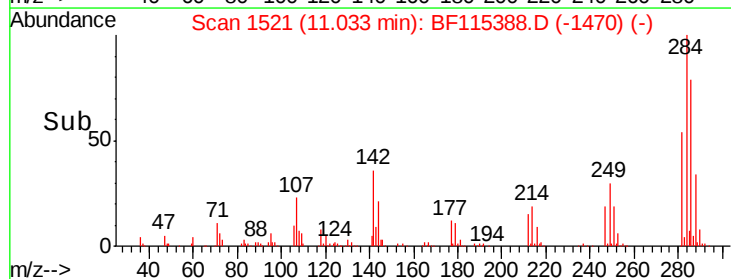
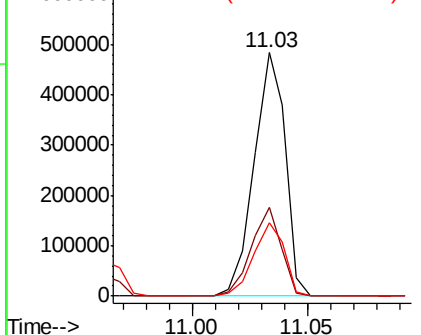


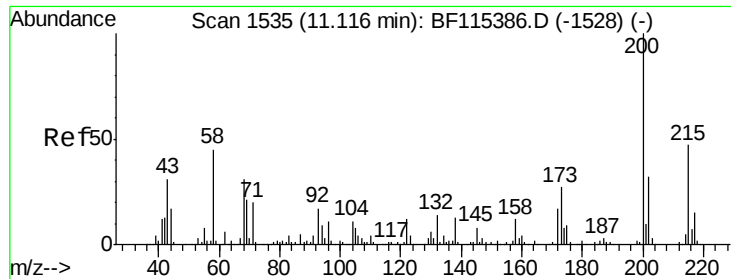
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





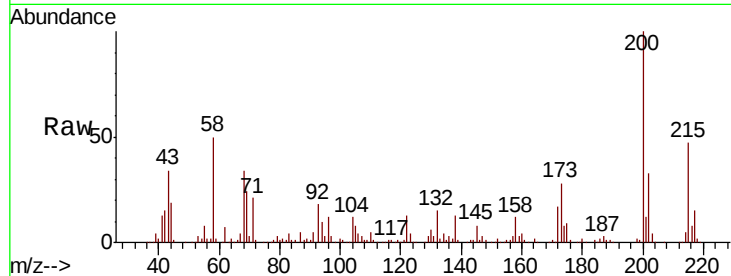
#69  
Atrazine  
Concen: 57.581 ng  
RT: 11.12 min Scan# 1535  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 28.1  | 7.1        | 47.1  |
| 215     | 47.4  | 27.5       | 67.5  |

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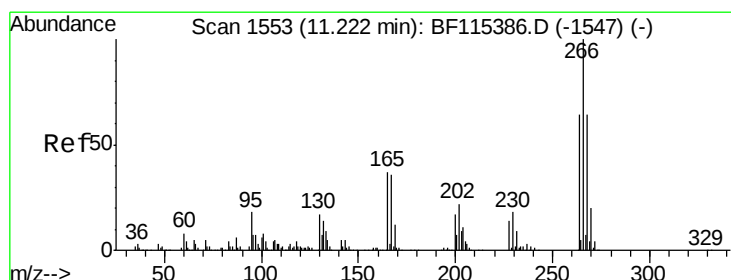
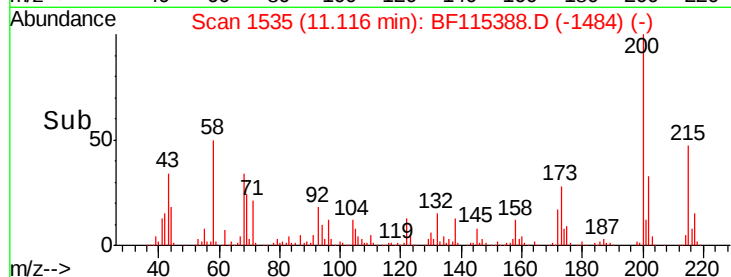
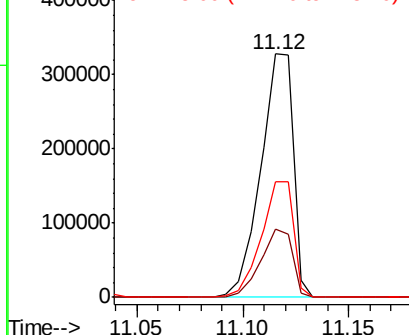


Abundance

Ion 200.00 (199.70 to 200.70): E

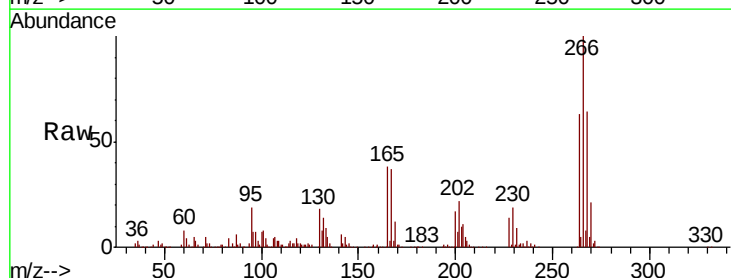
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 63.118 ng  
RT: 11.22 min Scan# 1553  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 63.7  | 51.3       | 76.9  |
| 264     | 63.4  | 51.6       | 77.4  |

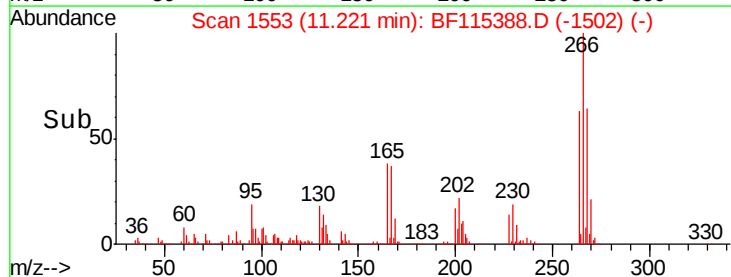
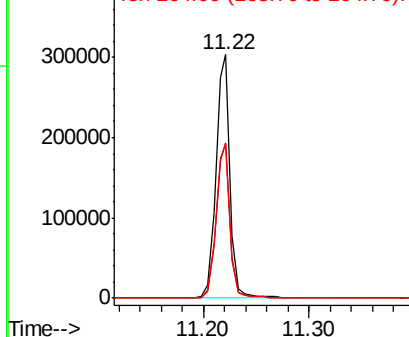


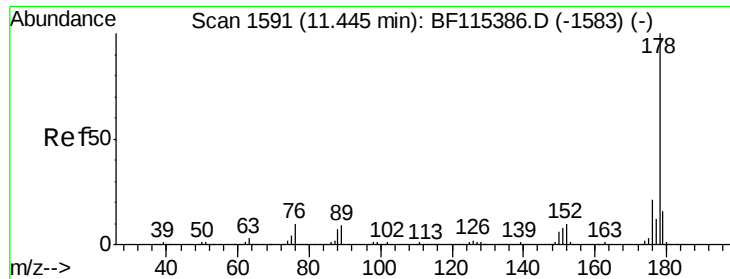
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





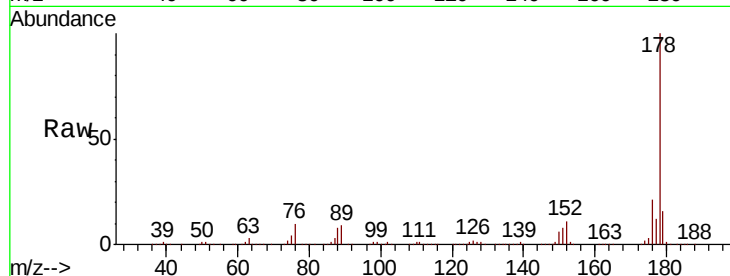
#71  
Phenanthrene  
Concen: 56.643 ng  
RT: 11.44 min Scan# 1591  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

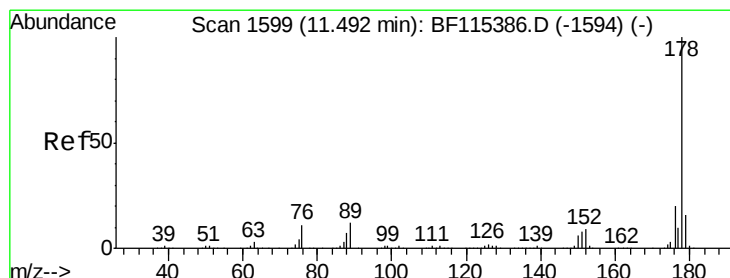
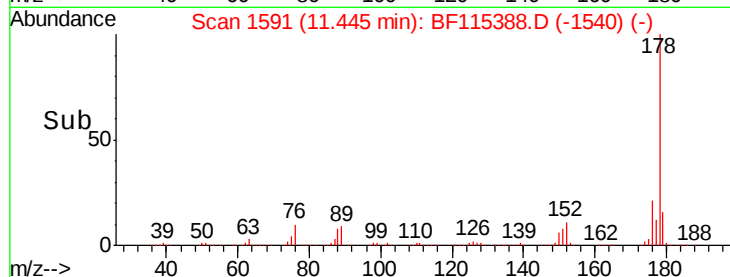
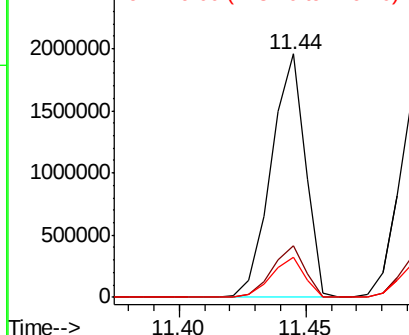
Tot Ion:178 Resp: 1854021  
Ion Ratio Lower Upper  
178 100  
176 21.1 16.6 25.0  
179 16.5 13.0 19.6

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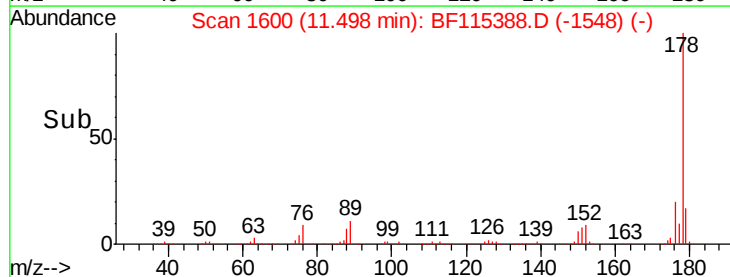
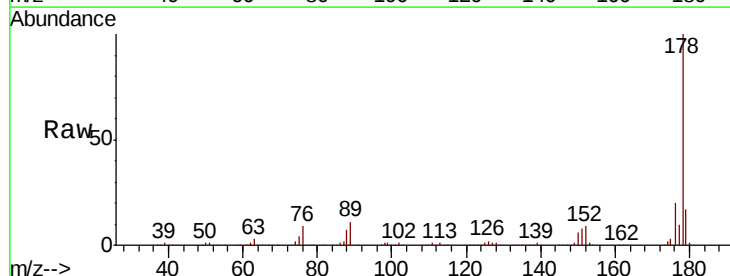
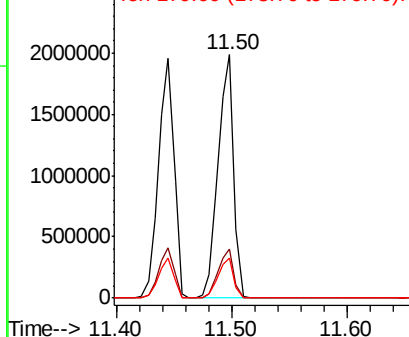
Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

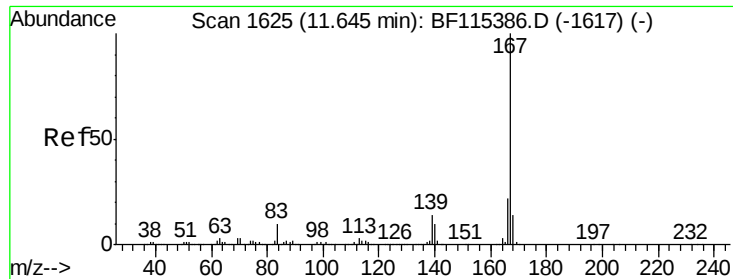


#72  
Anthracene  
Concen: 56.087 ng  
RT: 11.50 min Scan# 1600  
Delta R.T. 0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:178 Resp: 1853143  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.0 24.0  
179 16.5 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E





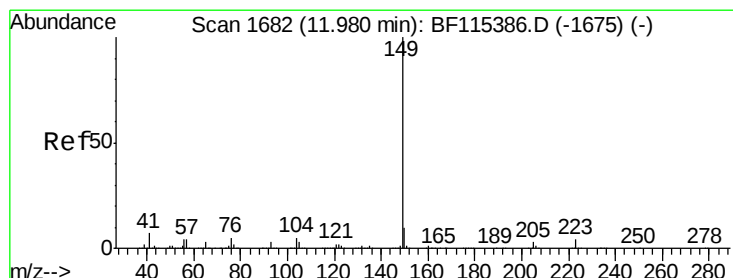
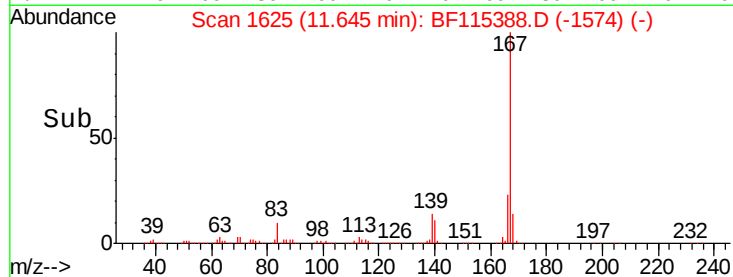
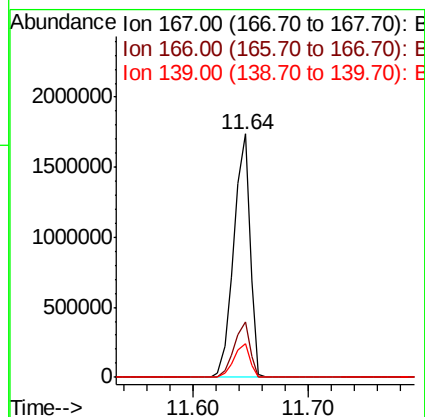
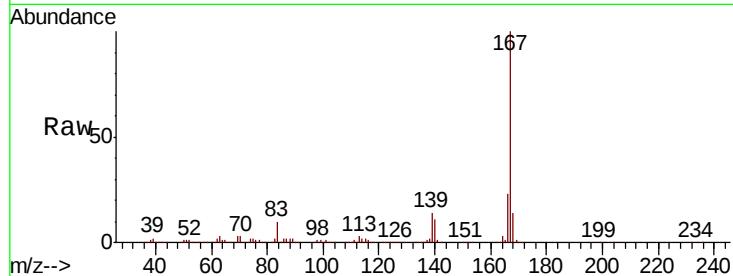
#73  
 Carbazole  
 Concen: 57.693 ng  
 RT: 11.64 min Scan# 1625  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.9  | 17.9  | 26.9  |
| 139     | 14.0  | 11.0  | 16.6  |

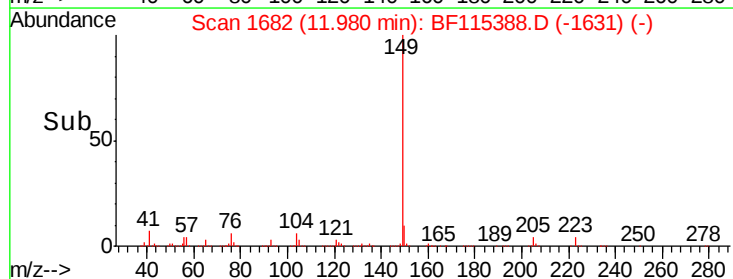
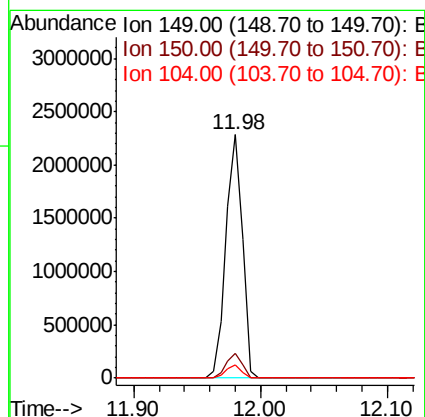
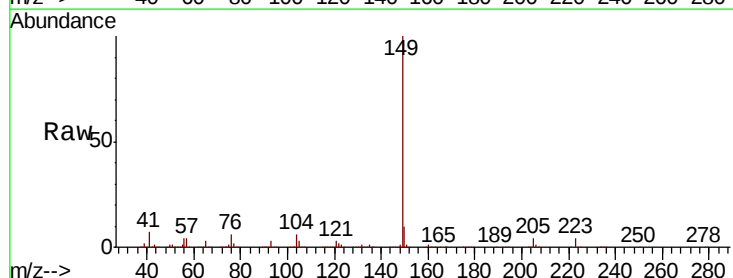
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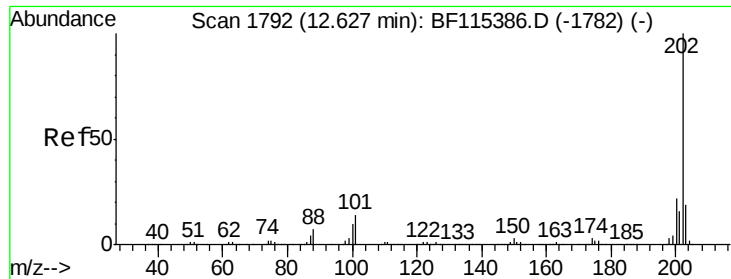
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#74  
 Di-n-butylphthalate  
 Concen: 60.768 ng  
 RT: 11.98 min Scan# 1682  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.3  | 8.0   | 12.0  |
| 104     | 5.7   | 4.4   | 6.6   |





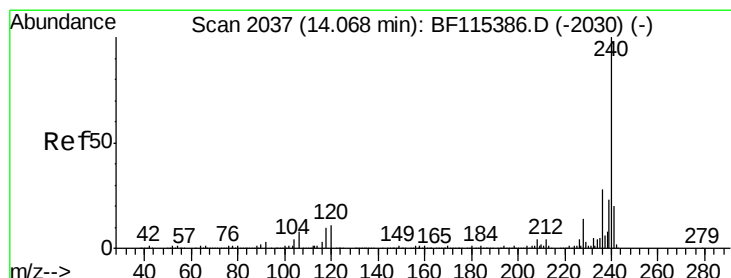
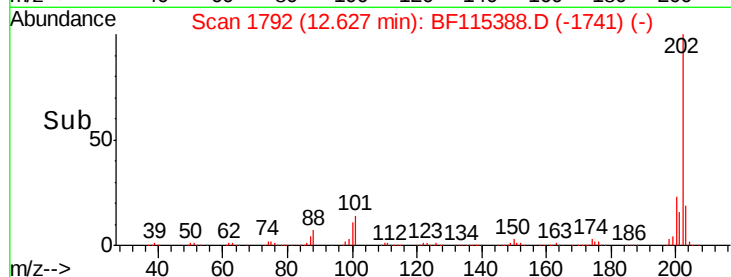
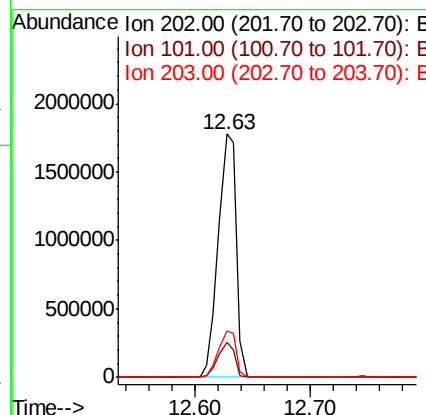
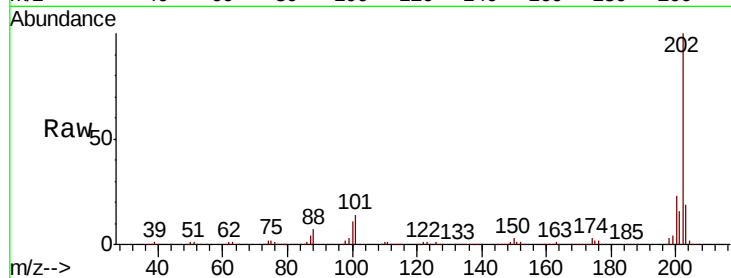
#75  
Fluoranthene  
Concen: 59.061 ng  
RT: 12.63 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 14.2  | 0.0   | 34.0  |
| 203     | 18.9  | 0.0   | 38.5  |

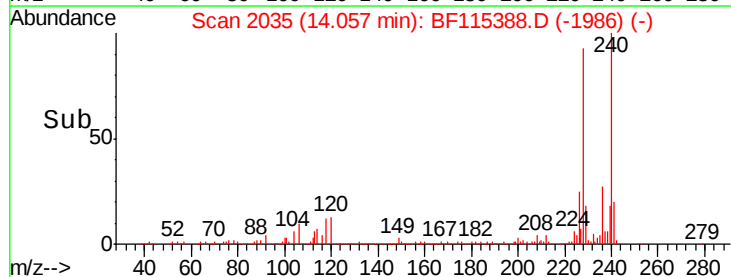
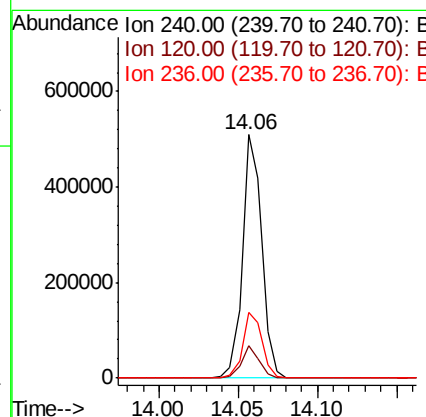
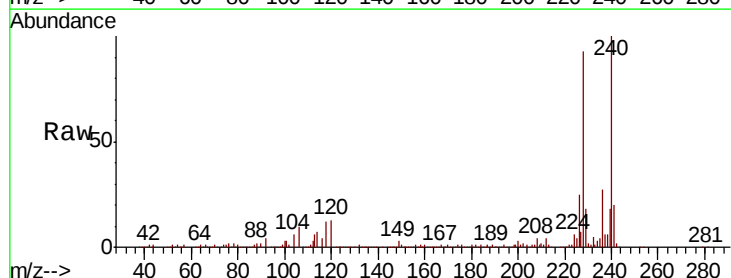
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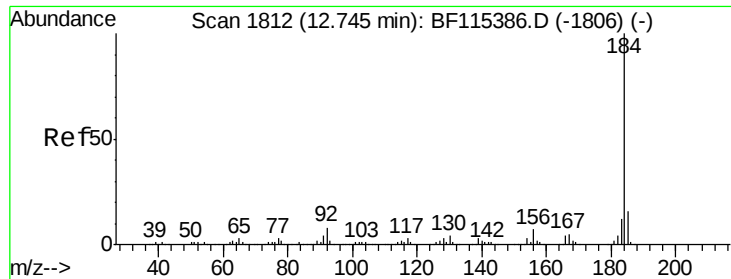
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.06 min Scan# 2035  
Delta R.T. -0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 13.4  | 9.1   | 13.7  |
| 236     | 27.0  | 22.5  | 33.7  |





#77

Benzidine

Concen: 50.137 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

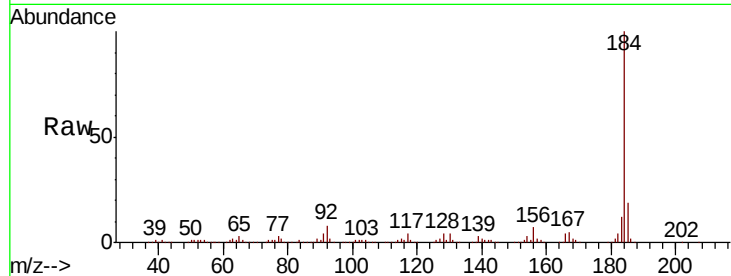
ClientSampleId :

SSTDICC060

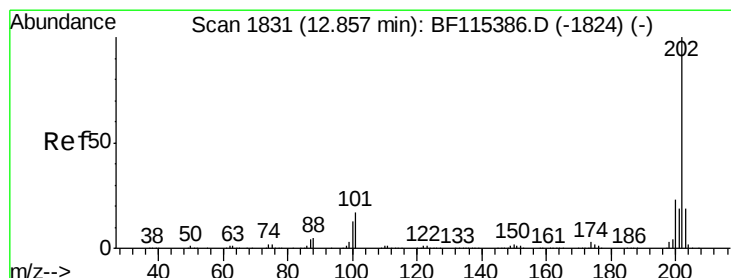
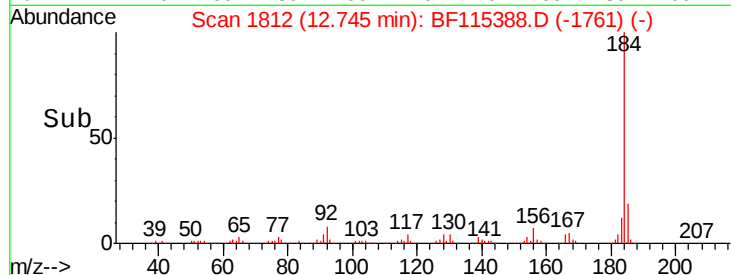
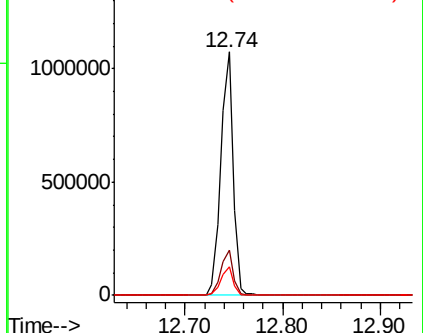
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:184 | Resp: | 951931    |
| Ion Ratio   | Lower | Upper     |
| 184         | 100   |           |
| 185         | 18.5  | 12.6 18.8 |
| 183         | 11.9  | 9.4 14.0  |

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



#78

Pyrene

Concen: 59.834 ng

RT: 12.86 min Scan# 1832

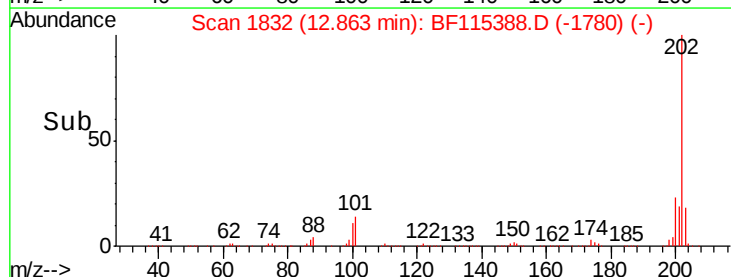
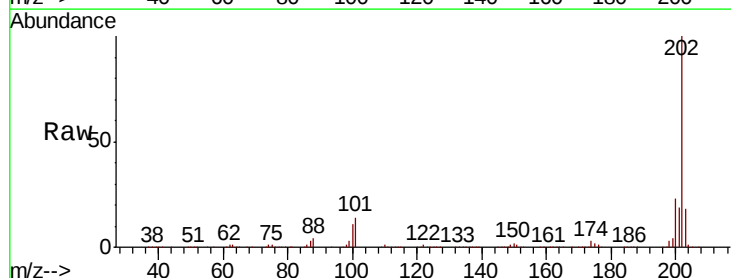
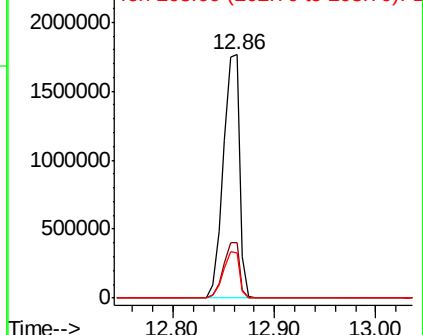
Delta R.T. 0.01 min

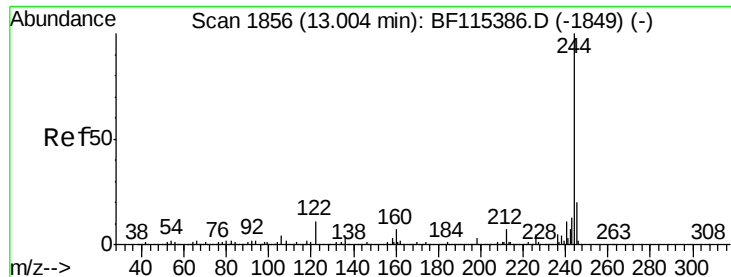
Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 1966177   |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 22.8  | 18.2 27.4 |
| 203         | 18.3  | 14.8 22.2 |

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





#79  
 Terphenyl-d14  
 Concen: 119.197 ng  
 RT: 13.00 min Scan# 1856  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

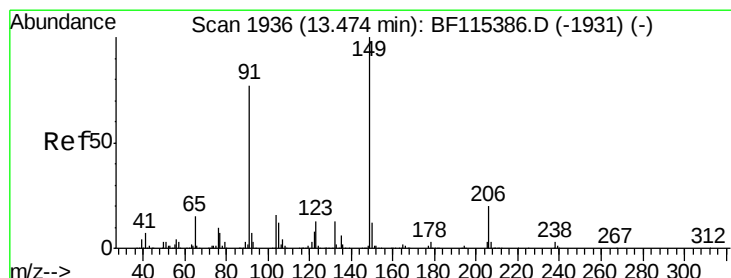
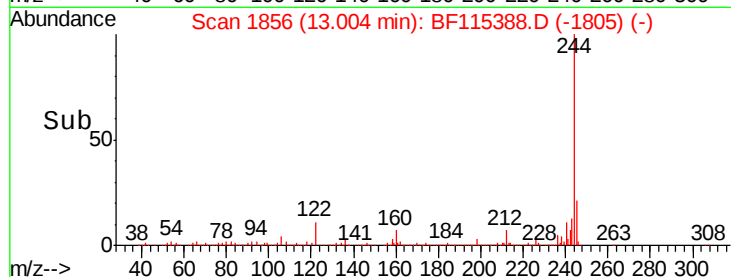
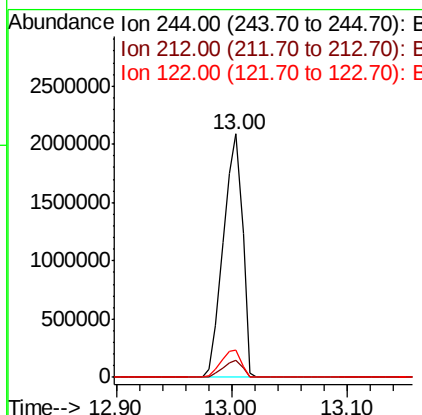
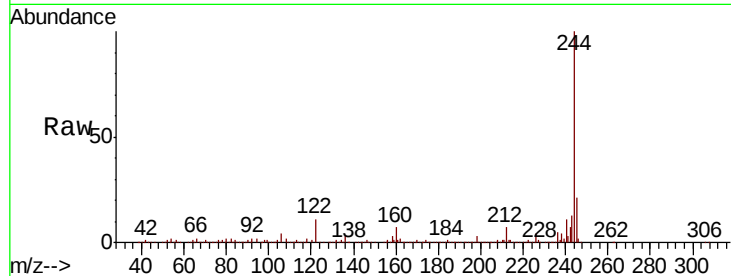
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion:244 Resp: 2397140  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.3   | 5.7   | 8.5   |
| 122 | 11.3  | 9.1   | 13.7  |

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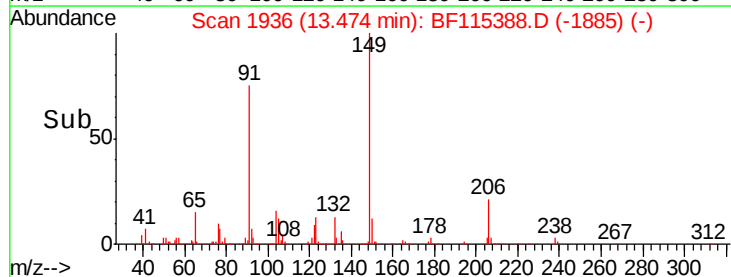
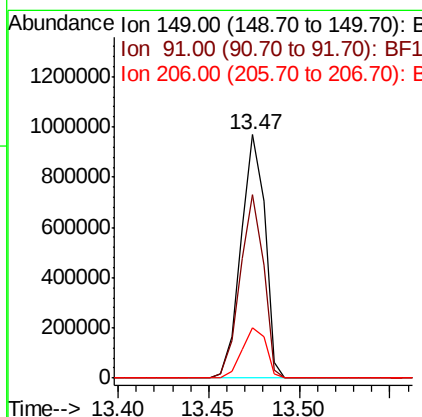
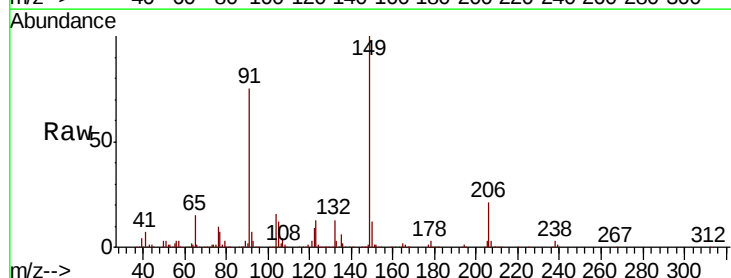
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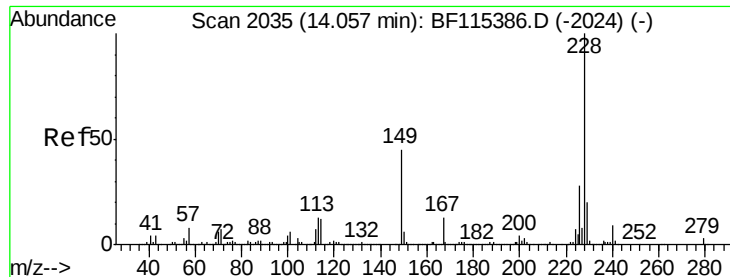


#80  
 Butylbenzylphthalate  
 Concen: 61.283 ng  
 RT: 13.47 min Scan# 1936  
 Delta R.T. -0.00 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Tgt Ion:149 Resp: 888696  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 75.3  | 61.4  | 92.0  |
| 206 | 20.8  | 16.1  | 24.1  |





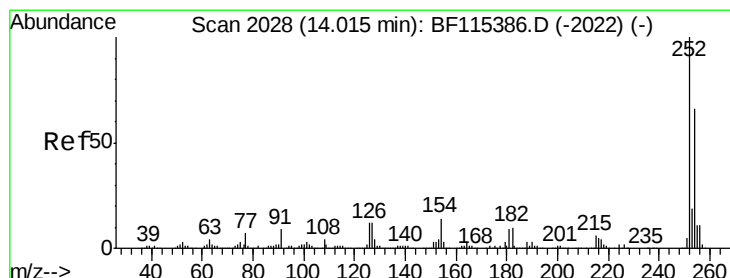
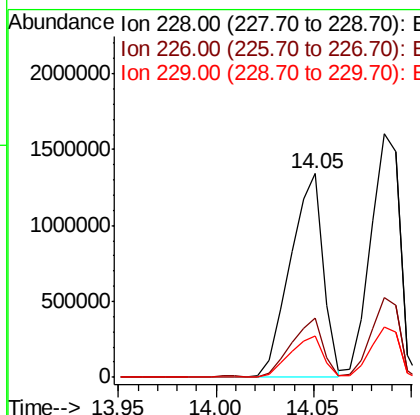
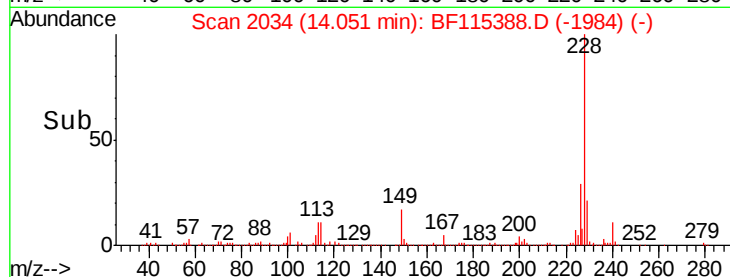
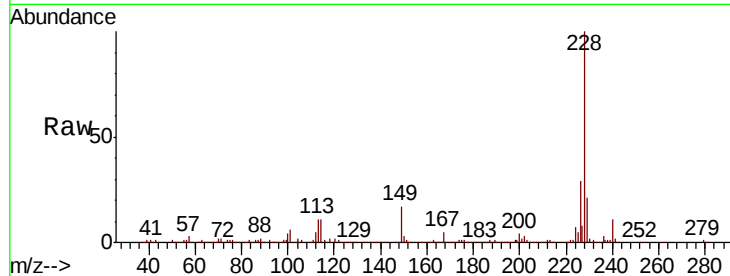
#81  
Benzo(a)anthracene  
Concen: 51.136 ng  
RT: 14.05 min Scan# 2034  
Delta R.T. -0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion:228 Resp: 1568893  
Ion Ratio Lower Upper  
228 100  
226 28.9 22.7 34.1  
229 20.5 16.3 24.5

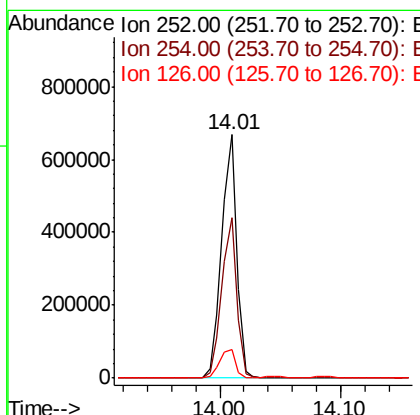
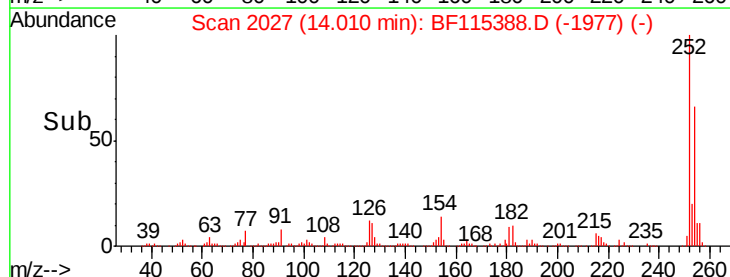
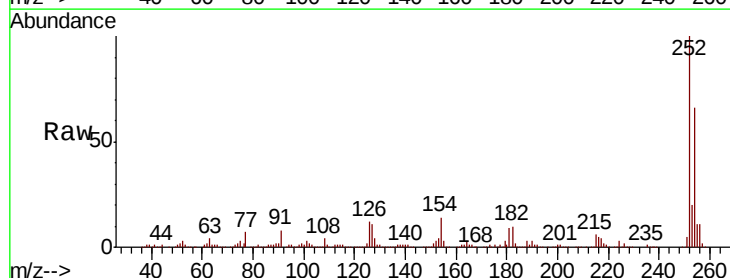
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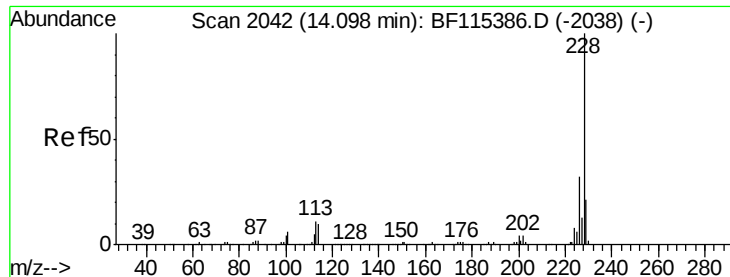
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#82  
3,3'-Dichlorobenzidine  
Concen: 51.976 ng  
RT: 14.01 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Tgt Ion:252 Resp: 575862  
Ion Ratio Lower Upper  
252 100  
254 65.7 53.0 79.4  
126 11.9 9.8 14.8





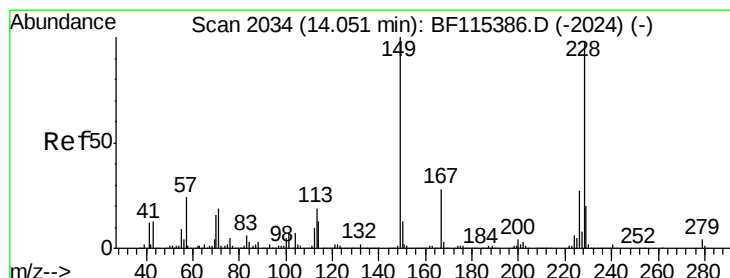
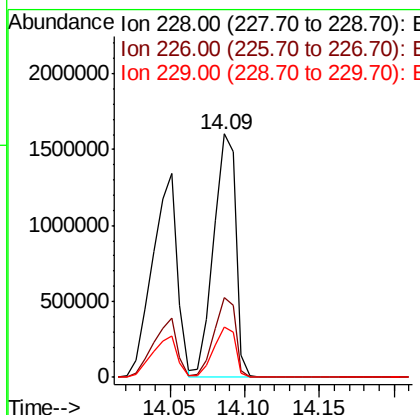
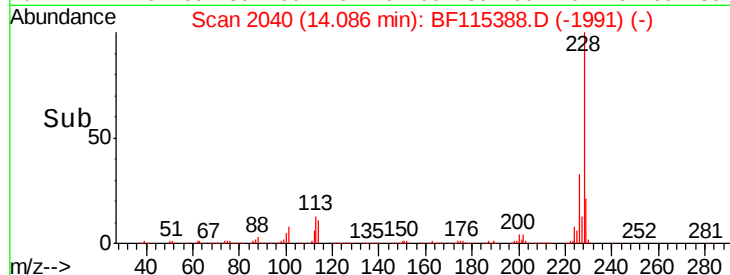
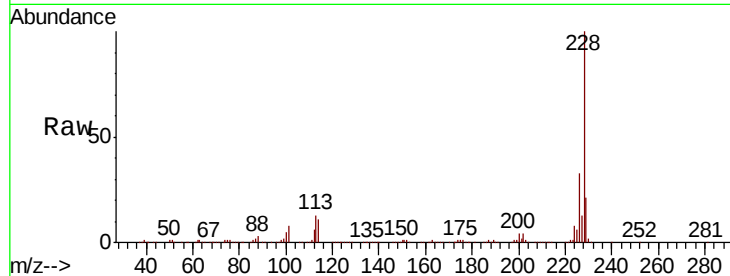
#83  
 Chrvsene  
 Concen: 59.402 ng  
 RT: 14.09 min Scan# 2040  
 Delta R.T. -0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion:228 Resp: 1669451  
 Ion Ratio Lower Upper  
 228 100  
 226 32.6 25.7 38.5  
 229 20.7 16.6 25.0

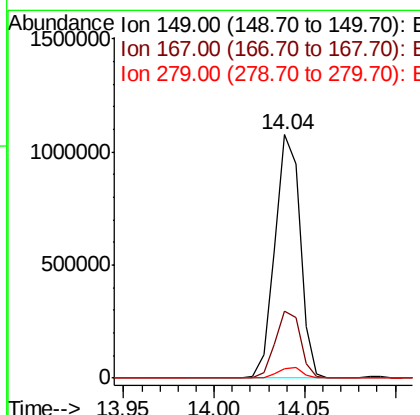
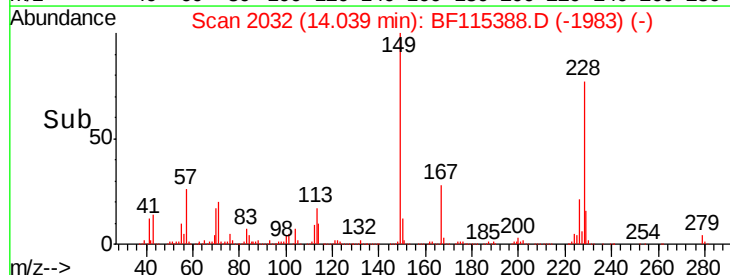
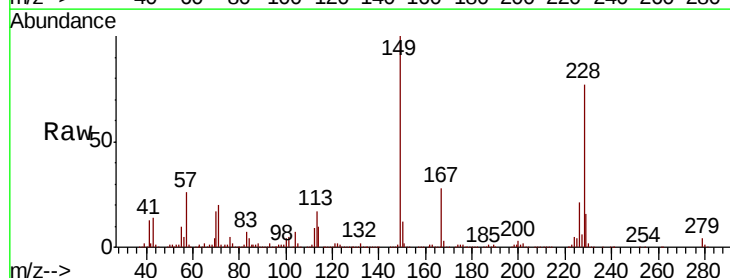
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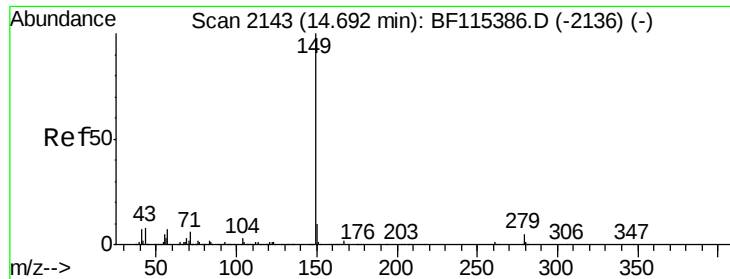
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 54.759 ng  
 RT: 14.04 min Scan# 2032  
 Delta R.T. -0.01 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Tgt Ion:149 Resp: 1040514  
 Ion Ratio Lower Upper  
 149 100  
 167 27.5 22.3 33.5  
 279 4.1 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 60.273 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

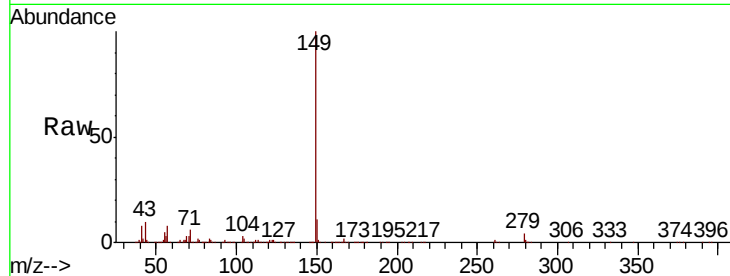
ClientSampled :

SSTDIC060

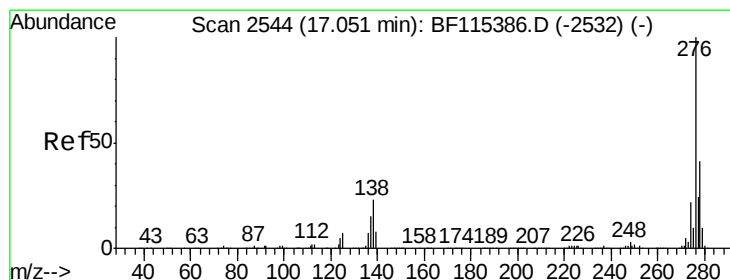
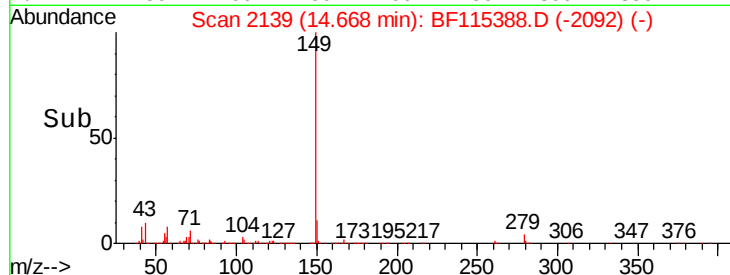
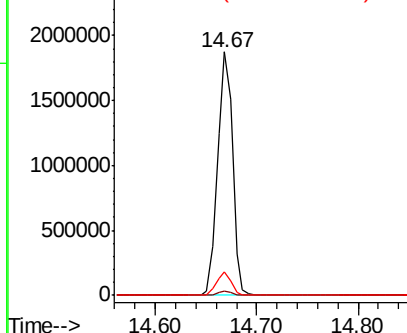
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 1924295 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 1.6   | 1.3   | 1.9     |
| 43       | 9.5   | 7.6   | 11.4    |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.077 ng

RT: 17.03 min Scan# 2540

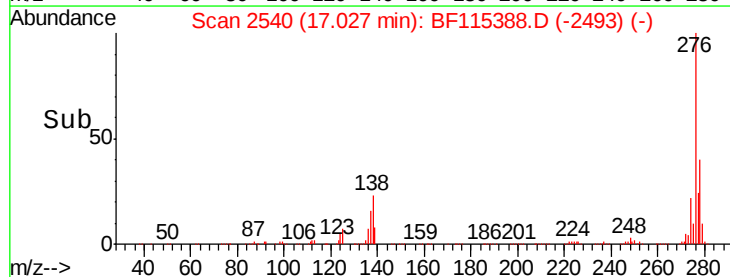
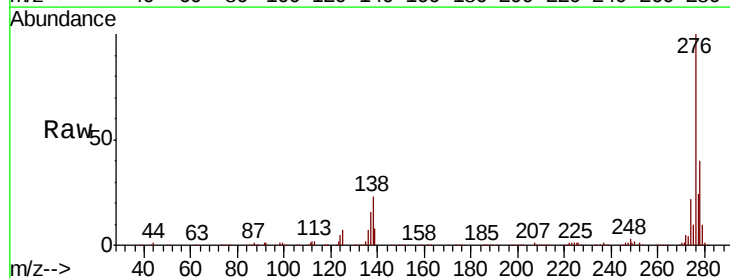
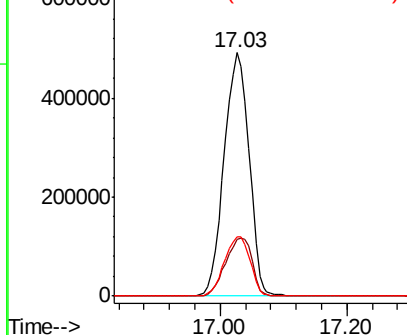
Delta R.T. -0.02 min

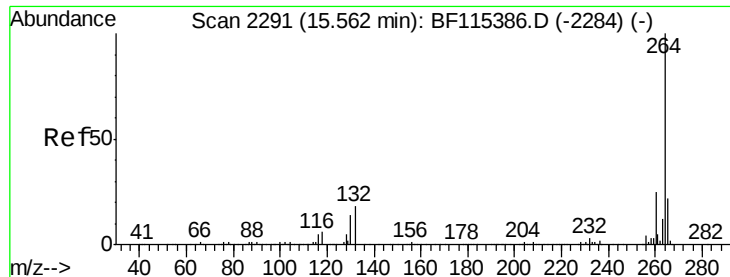
Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 276   | Resp: | 1332777 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 138      | 25.4  | 0.0   | 0.0#    |
| 277      | 25.3  | 0.0   | 0.0#    |

Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





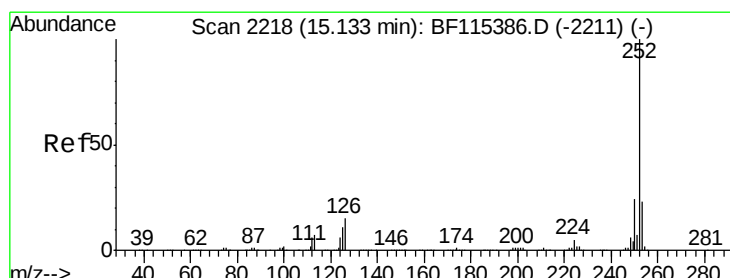
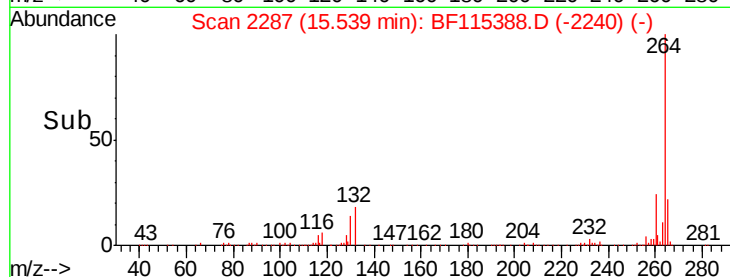
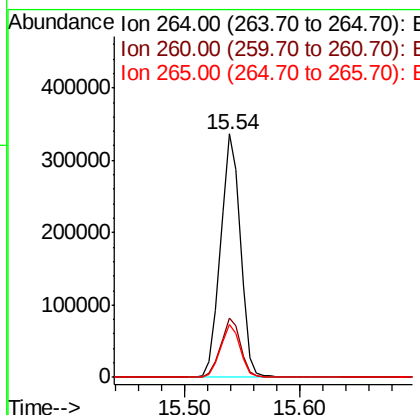
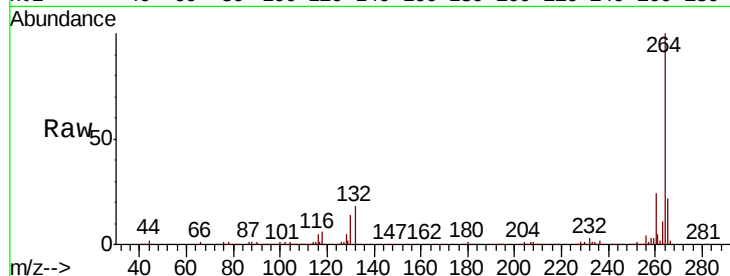
#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.54 min Scan# 2287  
 Delta R.T. -0.02 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 19.9  | 29.9  |
| 265     | 21.8  | 17.4  | 26.2  |

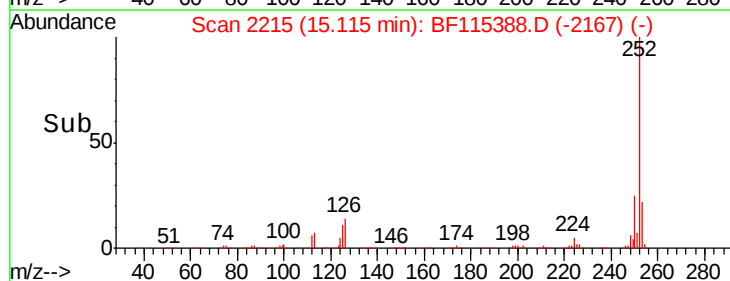
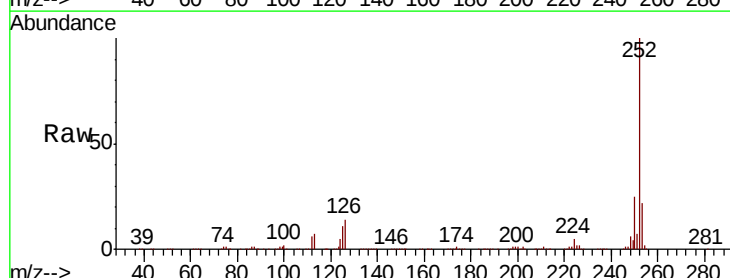
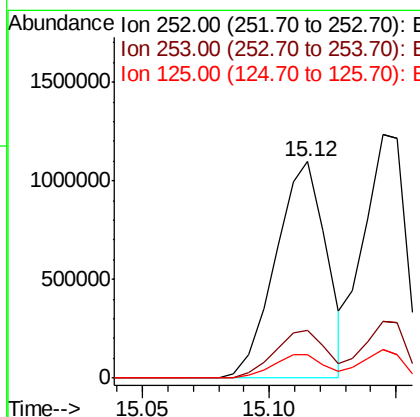
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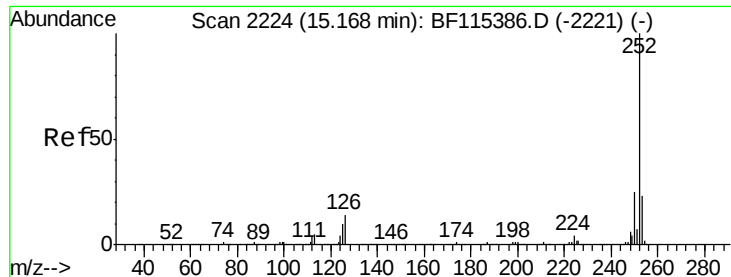
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#88  
 Benzo(b)fluoranthene  
 Concen: 61.175 ng  
 RT: 15.12 min Scan# 2215  
 Delta R.T. -0.02 min  
 Lab File: BF115388.D  
 Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.1  | 27.1  |
| 125     | 10.8  | 9.0   | 13.6  |





#89

Benzo(k)fluoranthene

Concen: 64.424 ng

RT: 15.14 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion:252 Resp: 1448132

Ion Ratio Lower Upper

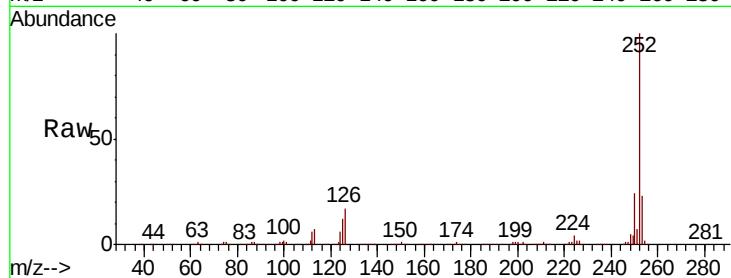
252 100

253 23.1 18.3 27.5

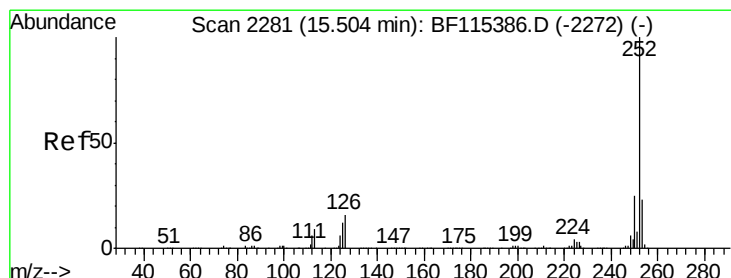
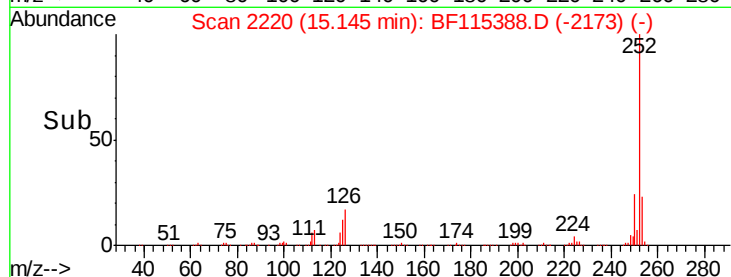
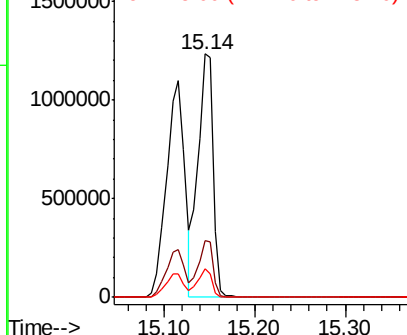
125 11.9 8.3 12.5

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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 60.095 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF115388.D

Acq: 5 Jul 2019 10:41

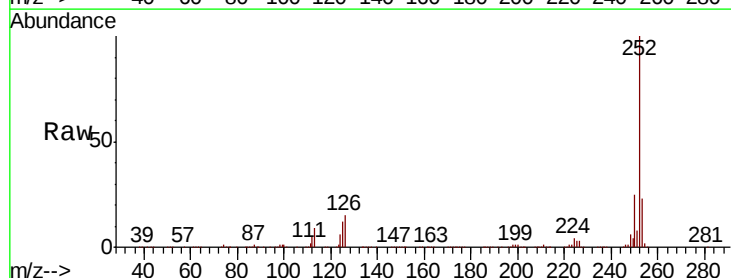
Tgt Ion:252 Resp: 1357645

Ion Ratio Lower Upper

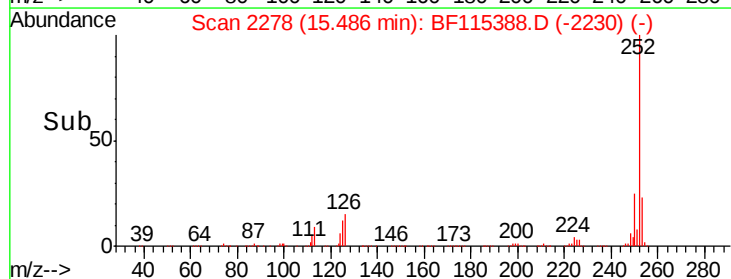
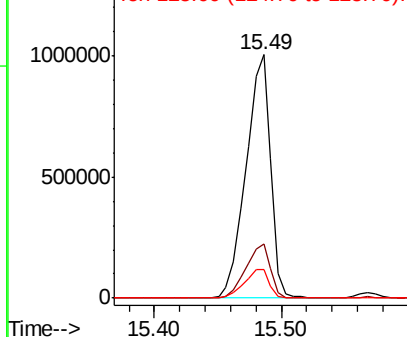
252 100

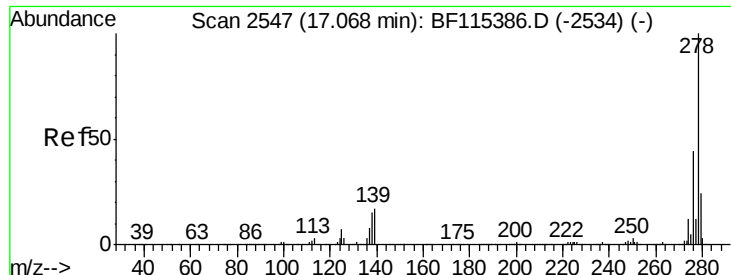
253 22.5 18.2 27.2

125 11.7 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





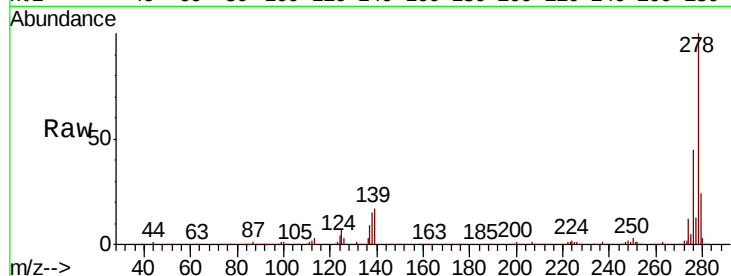
#91  
Dibenzo(a,h)anthracene  
Concen: 52.346 ng  
RT: 17.04 min Scan# 2543  
Delta R.T. -0.02 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

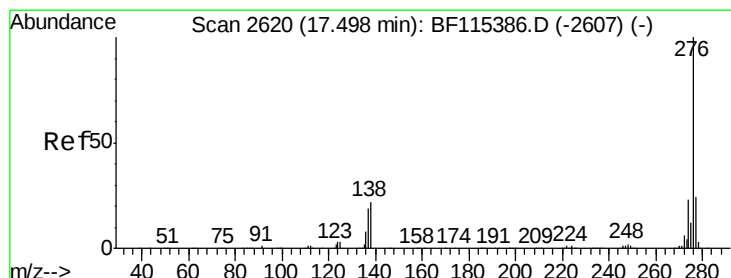
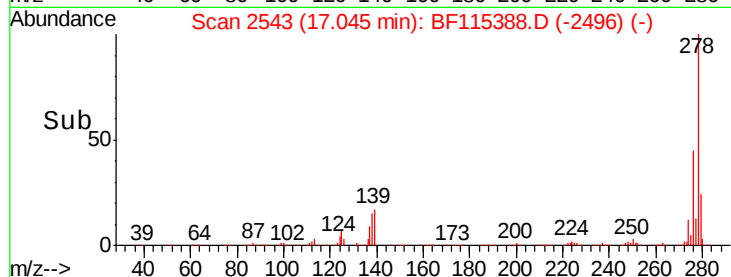
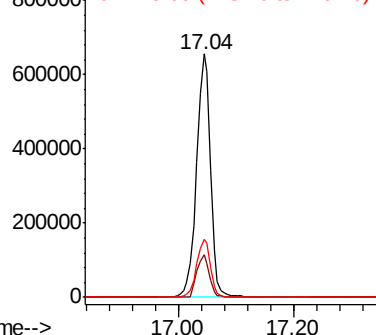
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.4  | 13.4  | 20.2  |
| 279     | 24.0  | 19.4  | 29.0  |

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Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 48.549 ng  
RT: 17.47 min Scan# 2616  
Delta R.T. -0.02 min  
Lab File: BF115388.D  
Acq: 5 Jul 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.8  | 19.4  | 29.2  |
| 138     | 22.2  | 17.8  | 26.6  |

Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

