

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\  
 Data File : BF115500.D  
 Acq On : 11 Jul 2019 17:35  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Jul 12 03:12:15 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 10 16:47:05 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 199514   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 835113   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.94  | 164  | 419358   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.42 | 188  | 822147   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.06 | 240  | 562871   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.54 | 264  | 556656   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 945382  | 73.21 | ng | 0.00 |
| 7) Phenol-d6             | 6.53  | 99  | 1212785 | 73.85 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.46  | 82  | 1120008 | 79.24 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.73 | 330 | 384779  | 82.99 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.26  | 172 | 1896405 | 79.35 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.01 | 244 | 2145923 | 78.06 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.69 | 88  | 226492  | 35.758 | ng | 99     |
| 3) Pyridine                    | 3.45 | 79  | 629992  | 35.970 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.40 | 42  | 229355  | 32.293 | ng | 97     |
| 6) Aniline                     | 6.56 | 93  | 855348  | 36.907 | ng | 98     |
| 8) 2-Chlorophenol              | 6.69 | 128 | 551316  | 37.810 | ng | 94     |
| 9) Benzaldehyde                | 6.45 | 77  | 361258  | 37.816 | ng | 99     |
| 10) Phenol                     | 6.54 | 94  | 708011  | 36.032 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.63 | 93  | 533660  | 36.609 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.84 | 146 | 608021  | 38.061 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 611160  | 38.194 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 566572  | 38.244 | ng | 99     |
| 15) Benzyl Alcohol             | 7.03 | 79  | 499830  | 37.927 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45  | 720591  | 35.354 | ng | 99     |
| 17) 2-Methylphenol             | 7.15 | 107 | 479734  | 38.404 | ng | 100    |
| 18) Hexachloroethane           | 7.42 | 117 | 226397  | 37.980 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70  | 395007  | 35.551 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 552728  | 37.459 | ng | 97     |
| 22) Acetophenone               | 7.31 | 105 | 723568  | 36.159 | ng | # 92   |
| 24) Nitrobenzene               | 7.48 | 77  | 615383  | 38.551 | ng | 99     |
| 25) Isophorone                 | 7.72 | 82  | 1121161 | 36.595 | ng | 100    |
| 26) 2-Nitrophenol              | 7.79 | 139 | 317873  | 48.436 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122 | 437188  | 34.936 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93  | 691624  | 36.609 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.03 | 162 | 487604  | 39.121 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 543343  | 39.158 | ng | 98     |
| 31) Naphthalene                | 8.20 | 128 | 1565000 | 37.729 | ng | 99     |
| 32) Benzoic acid               | 7.96 | 122 | 303908  | 35.182 | ng | 98     |
| 33) 4-Chloroaniline            | 8.25 | 127 | 711726  | 38.456 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 313014  | 39.778 | ng | 99     |
| 35) Caprolactam                | 8.63 | 113 | 160325  | 39.494 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107 | 509953  | 38.680 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.89 | 142 | 1047258 | 37.772 | ng | 100    |
| 38) 1-Methylnaphthalene        | 8.99 | 142 | 997454  | 37.706 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 479379  | 39.735 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\  
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 Acq On : 11 Jul 2019 17:35  
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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

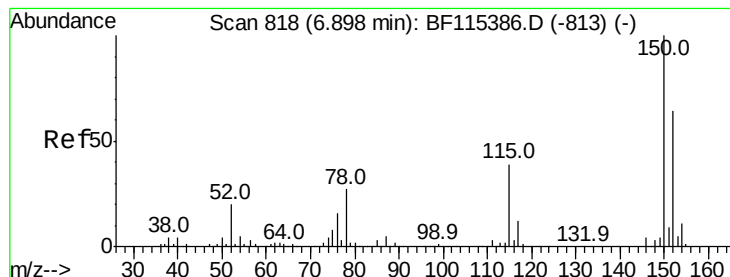
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Jul 12 03:12:15 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 10 16:47:05 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.05  | 237  | 260071   | 37.193 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.17  | 196  | 352449   | 40.128 | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.21  | 196  | 367866   | 40.392 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 9.36  | 154  | 1257022  | 38.129 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.38  | 162  | 1054719  | 38.709 | nq    | 98       |
| 48) 2-Nitroaniline             | 9.47  | 65   | 335687   | 41.933 | nq    | 99       |
| 49) Acenaphthylene             | 9.80  | 152  | 1586713  | 38.462 | nq    | 99       |
| 50) Dimethylphthalate          | 9.66  | 163  | 1223844  | 38.882 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.72  | 165  | 288541   | 42.269 | nq    | 99       |
| 52) Acenaphthene               | 9.97  | 154  | 1014913  | 39.091 | nq    | 98       |
| 53) 3-Nitroaniline             | 9.89  | 138  | 332027   | 41.878 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 9.99  | 184  | 142273   | 52.138 | nq    | 98       |
| 55) Dibenzofuran               | 10.15 | 168  | 1400855  | 38.303 | nq    | 99       |
| 56) 4-Nitrophenol              | 10.04 | 139  | 259169   | 42.250 | nq    | 94       |
| 57) 2,4-Dinitrotoluene         | 10.12 | 165  | 381141   | 43.933 | nq    | # 86     |
| 58) Fluorene                   | 10.49 | 166  | 1026813  | 35.615 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 320551   | 40.743 | nq    | 99       |
| 60) Diethylphthalate           | 10.36 | 149  | 1184191  | 38.223 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204  | 543253   | 38.606 | nq    | 98       |
| 62) 4-Nitroaniline             | 10.50 | 138  | 329583   | 42.350 | nq    | 97       |
| 63) Azobenzene                 | 10.64 | 77   | 1147672  | 35.936 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 192126   | 48.675 | nq    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.59 | 169  | 979210   | 37.801 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.97 | 248  | 357933   | 38.800 | nq    | 97       |
| 68) Hexachlorobenzene          | 11.04 | 284  | 410061   | 39.613 | nq    | 98       |
| 69) Atrazine                   | 11.12 | 200  | 327419   | 40.841 | nq    | 98       |
| 70) Pentachlorophenol          | 11.22 | 266  | 259764   | 41.176 | nq    | 99       |
| 71) Phenanthrene               | 11.45 | 178  | 1615895  | 37.372 | nq    | 99       |
| 72) Anthracene                 | 11.50 | 178  | 1652695  | 38.117 | nq    | 100      |
| 73) Carbazole                  | 11.65 | 167  | 1501892  | 37.863 | nq    | 100      |
| 74) Di-n-butylphthalate        | 11.98 | 149  | 1789640  | 37.332 | nq    | 99       |
| 75) Fluoranthene               | 12.63 | 202  | 1715099  | 37.672 | nq    | 99       |
| 77) Benzidine                  | 12.74 | 184  | 785843   | 35.802 | nq    | 99       |
| 78) Pyrene                     | 12.86 | 202  | 1736465  | 39.671 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.48 | 149  | 771480   | 40.339 | nq    | 95       |
| 81) Benzo(a)anthracene         | 14.05 | 228  | 1435540  | 39.804 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 14.01 | 252  | 529071   | 40.429 | nq    | 99       |
| 83) Chrysene                   | 14.09 | 228  | 1432467  | 38.657 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 950747   | 40.143 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.65 | 149  | 1628170  | 38.616 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.03 | 276  | 1288382  | 42.067 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 15.10 | 252  | 1407912  | 38.846 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.14 | 252  | 1216991  | 37.757 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.48 | 252  | 1198935  | 38.354 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 17.04 | 278  | 1047792  | 39.225 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.48 | 276  | 1019890  | 40.338 | nq    | 99       |

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



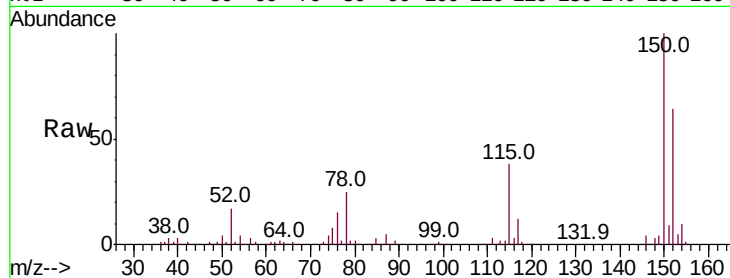


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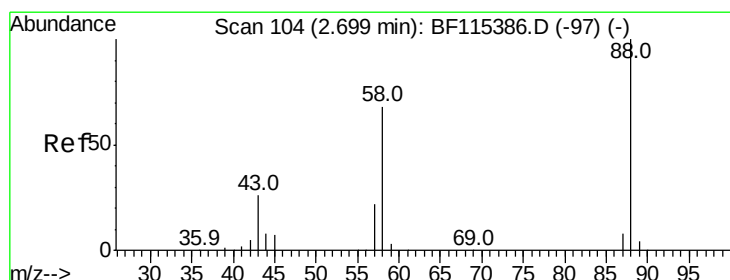
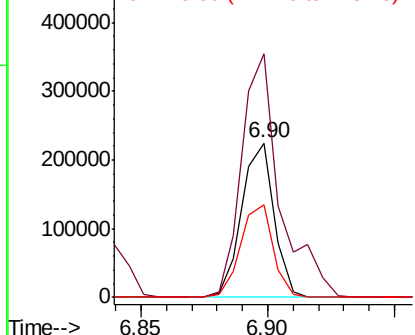
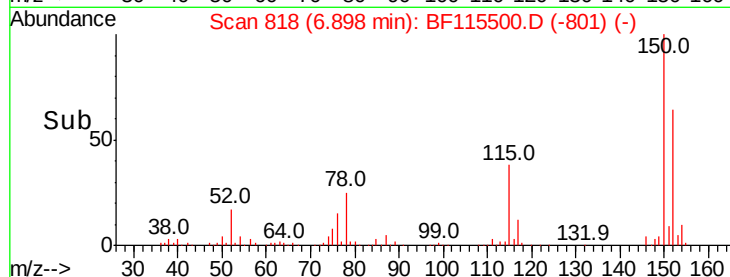
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.90 min Scan# 818  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:152 Resp: 199514  
 Ion Ratio Lower Upper  
 152 100  
 150 157.5 127.4 191.2  
 115 59.7 46.2 69.4



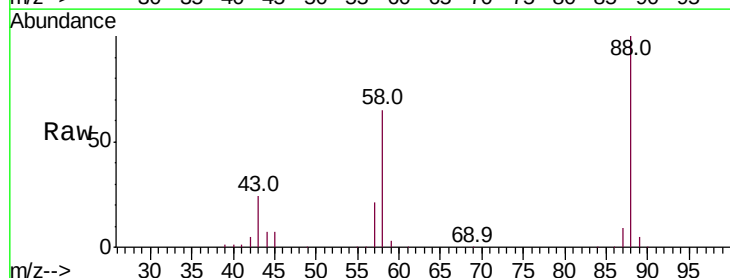
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



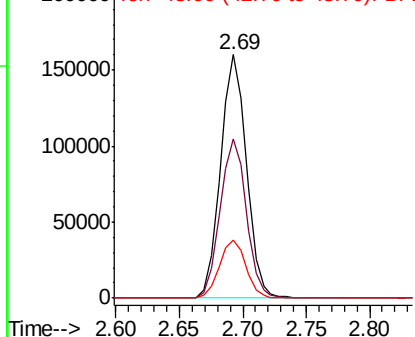
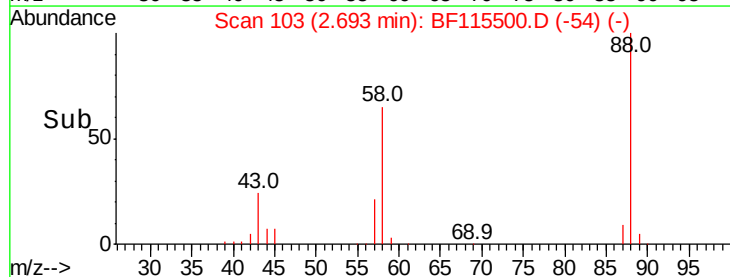
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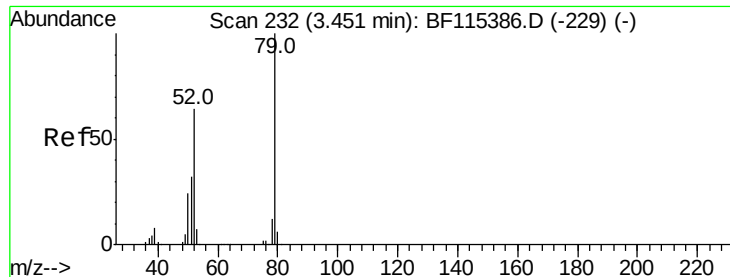
1,4-Dioxane  
 Concen: 35.758 ng  
 RT: 2.69 min Scan# 103  
 Delta R.T. -0.01 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

Tgt Ion: 88 Resp: 226492  
 Ion Ratio Lower Upper  
 88 100  
 58 66.1 52.5 78.7  
 43 24.4 19.0 28.6



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

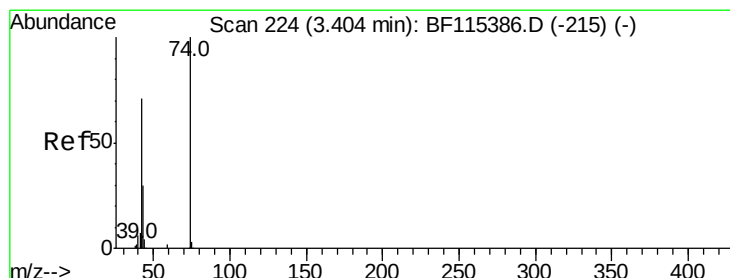
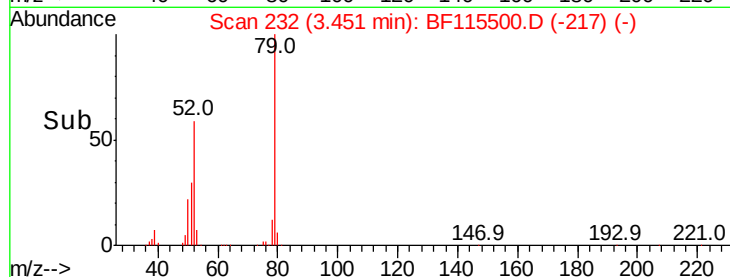
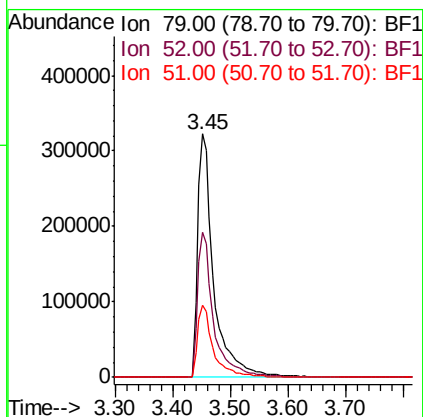
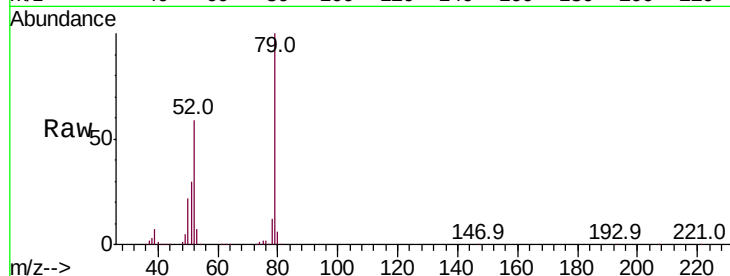




#3  
 Pvridine  
 Concen: 35.970 ng  
 RT: 3.45 min Scan# 232  
 Delta R.T. -0.01 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

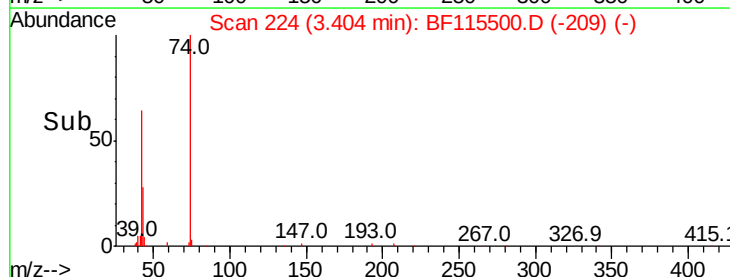
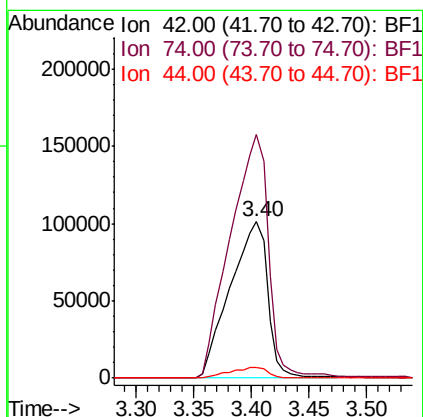
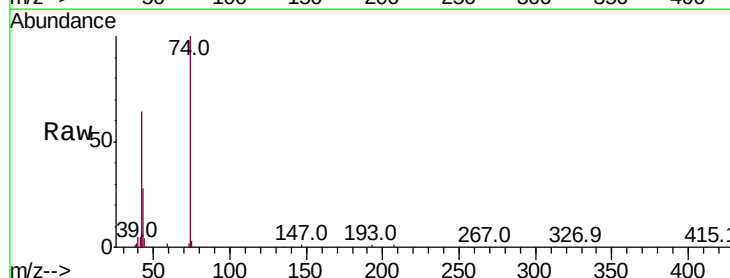
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

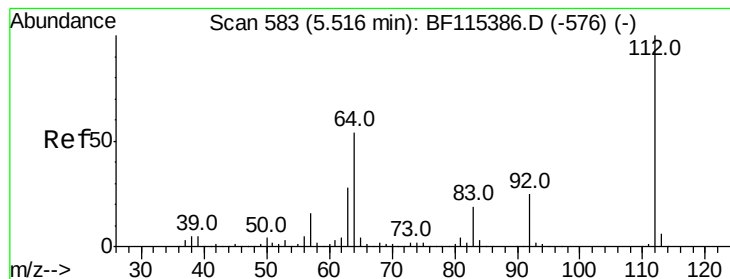
Tot Ion: 79 Resp: 629992  
 Ion Ratio Lower Upper  
 79 100  
 52 59.5 48.2 72.2  
 51 29.8 23.2 34.8



#4  
 n-Nitrosodimethylamine  
 Concen: 32.293 ng  
 RT: 3.40 min Scan# 224  
 Delta R.T. -0.01 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

Tgt Ion: 42 Resp: 229355  
 Ion Ratio Lower Upper  
 42 100  
 74 155.9 128.5 192.7  
 44 6.4 5.3 7.9





#5

2-Fluorophenol

Concen: 73.210 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

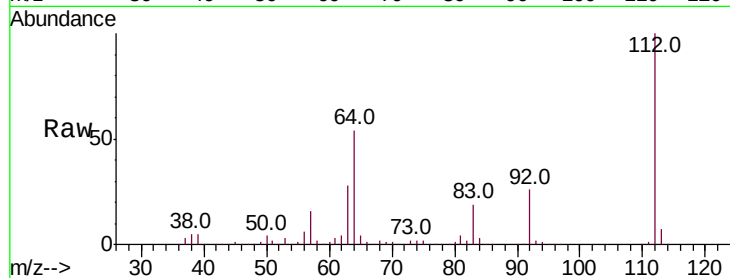
Tot Ion:112 Resp: 945382

Ion Ratio Lower Upper

112 100

64 54.1 44.2 66.2

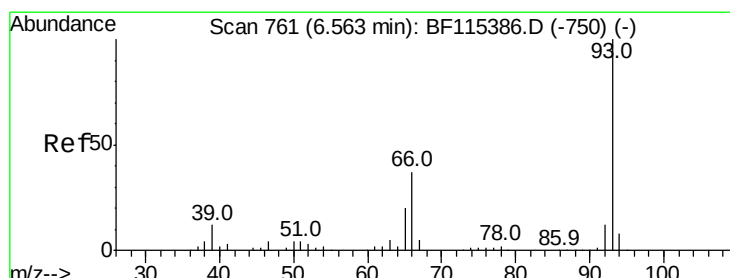
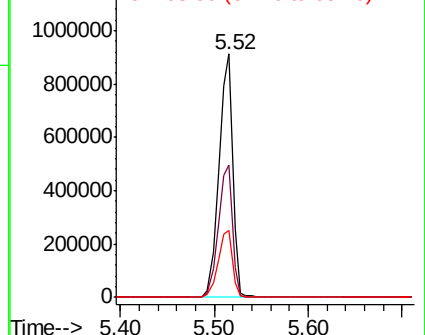
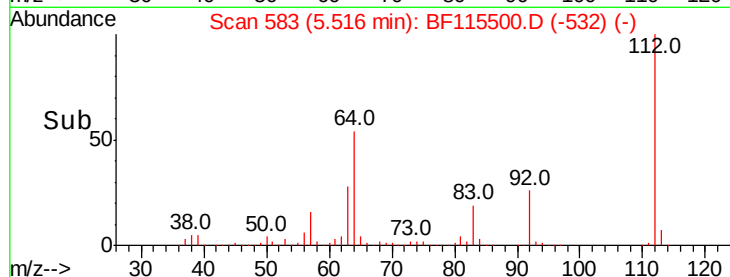
63 27.8 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.907 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

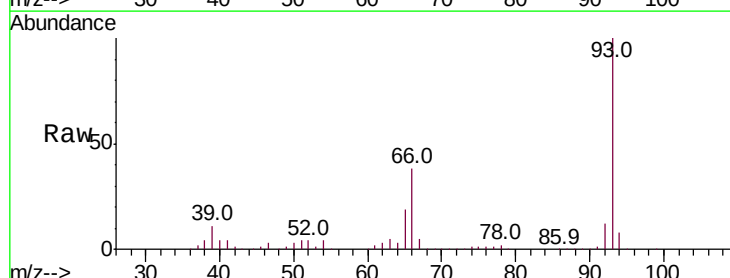
Tgt Ion: 93 Resp: 855348

Ion Ratio Lower Upper

93 100

66 38.1 31.3 46.9

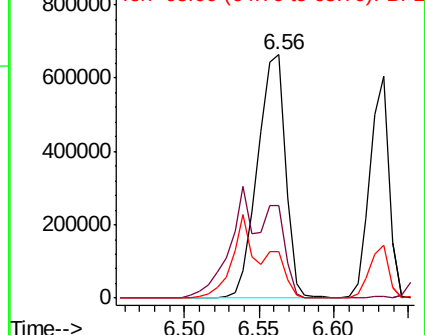
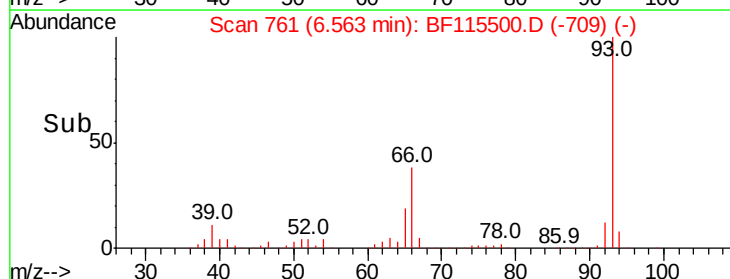
65 19.2 15.9 23.9

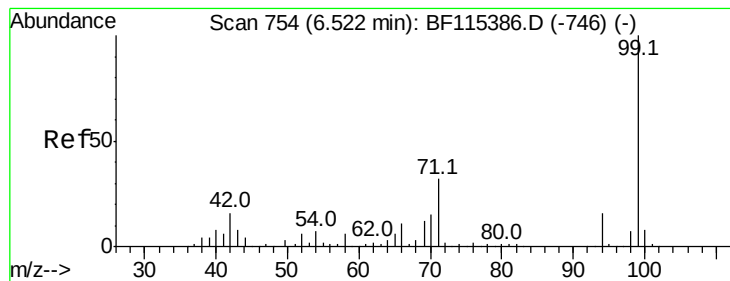


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.847 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

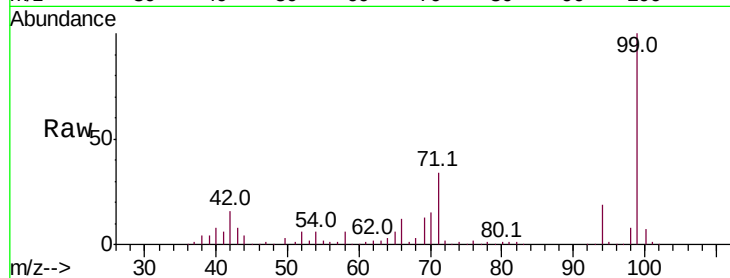
Tot Ion: 99 Resp: 1212785

Ion Ratio Lower Upper

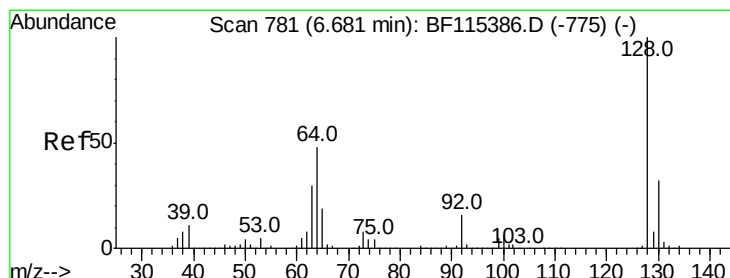
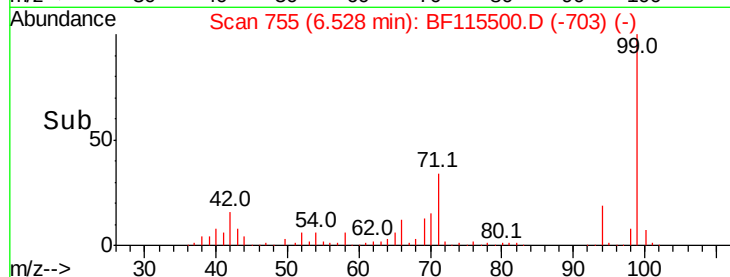
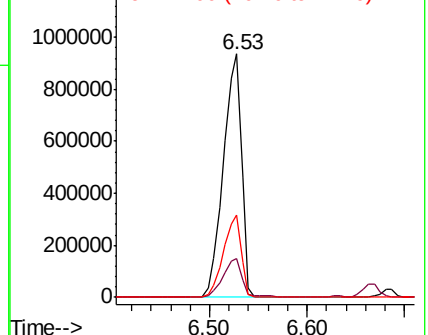
99 100

42 15.9 12.8 19.2

71 33.7 26.5 39.7



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



#8

2-Chlorophenol

Concen: 37.810 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

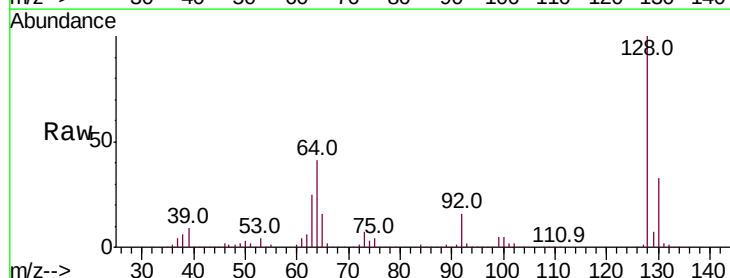
Tgt Ion:128 Resp: 551316

Ion Ratio Lower Upper

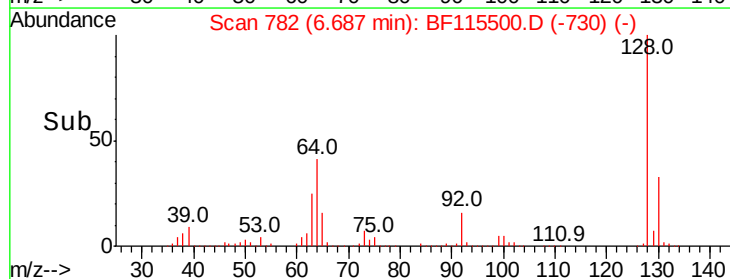
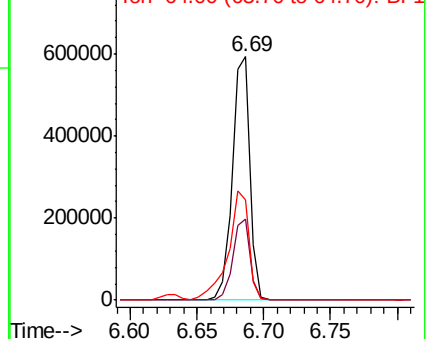
128 100

130 33.4 11.8 51.8

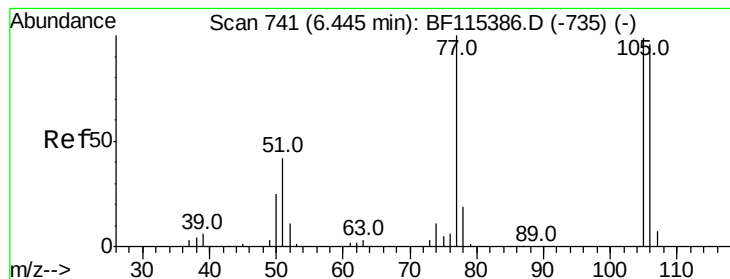
64 41.2 27.0 67.0



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







#9

Benzaldehyde

Concen: 37.816 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

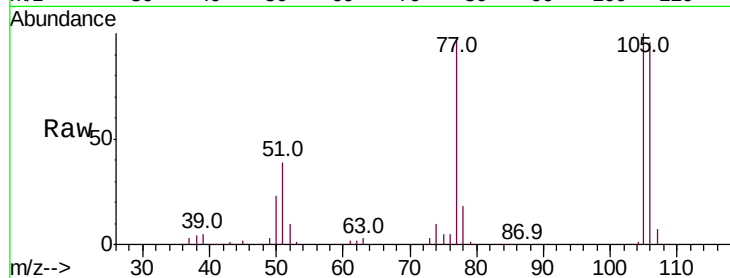
Tot Ion: 77 Resp: 361258

Ion Ratio Lower Upper

77 100

105 101.6 82.9 122.9

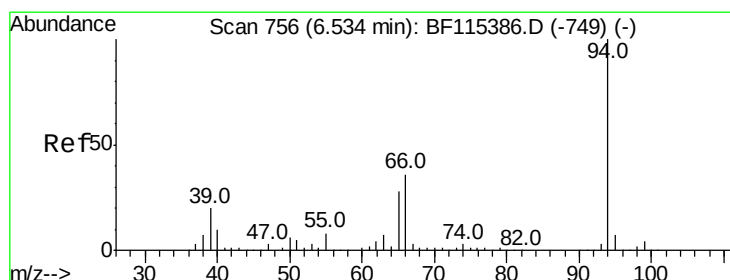
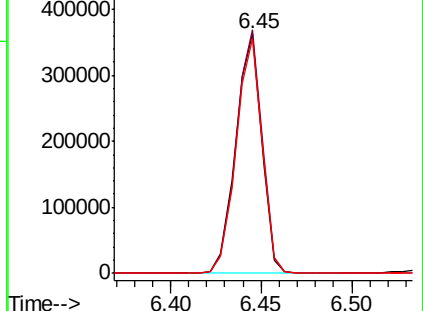
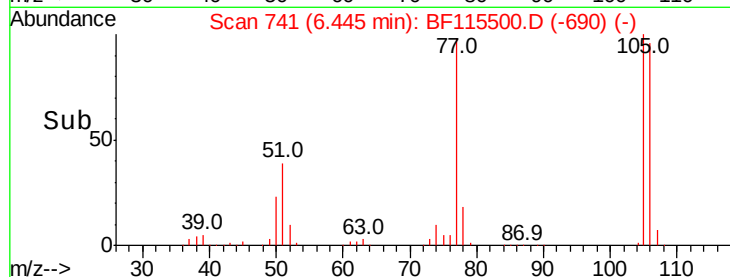
106 98.0 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.032 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

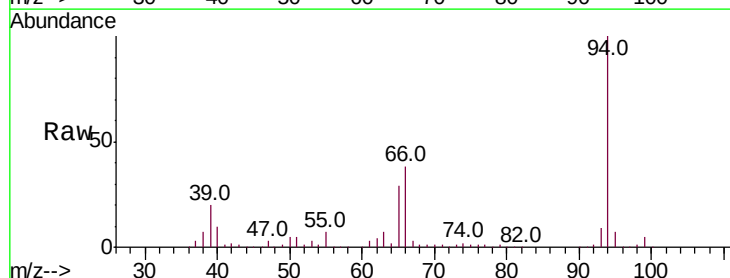
Tgt Ion: 94 Resp: 708011

Ion Ratio Lower Upper

94 100

65 28.7 7.2 47.2

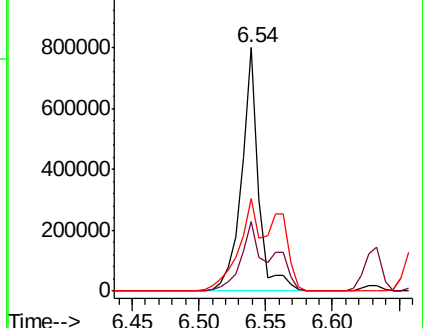
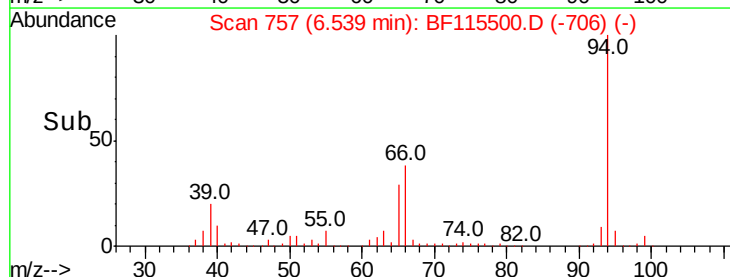
66 38.0 16.9 56.9



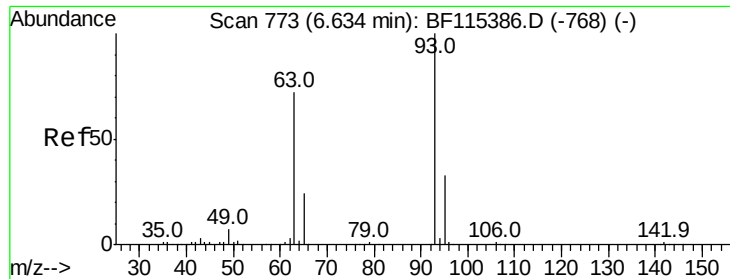
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



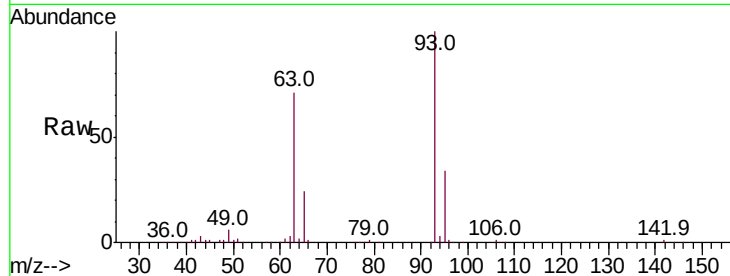




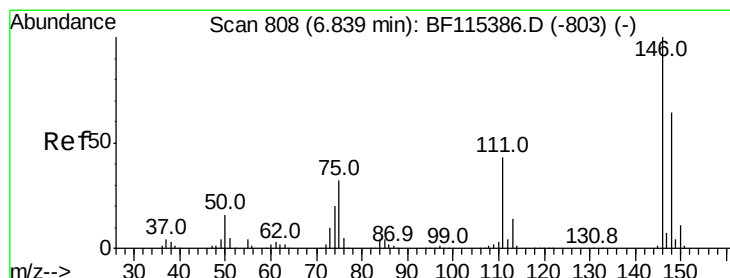
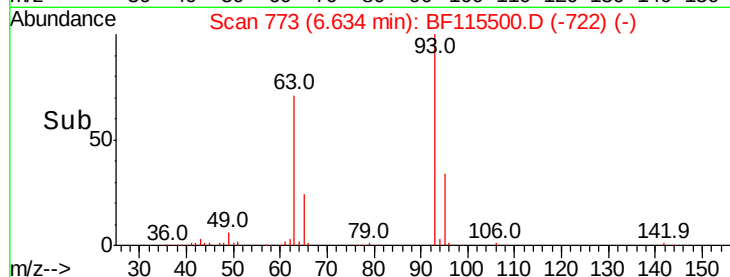
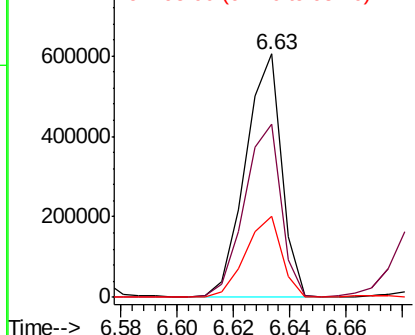
#11  
bis(2-Chloroethyl)ether  
Concen: 36.609 ng  
RT: 6.63 min Scan# 773  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 533660 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 71.0  | 50.0  | 90.0   |
| 95       | 33.5  | 12.6  | 52.6   |

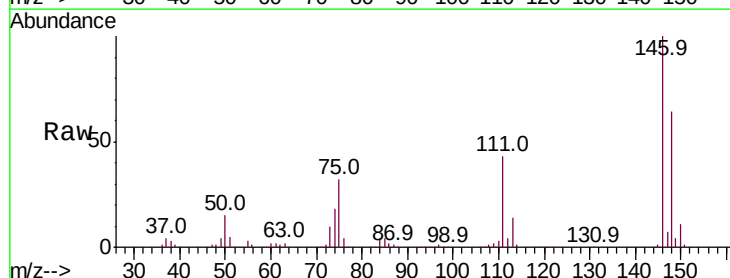


Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1

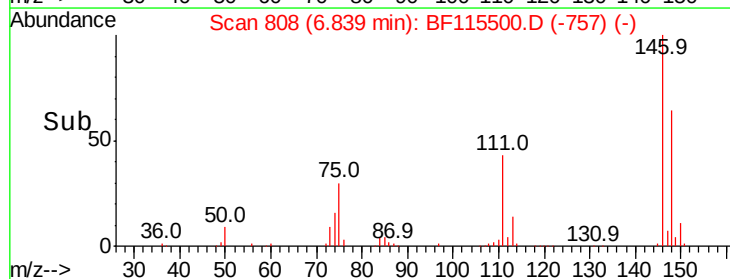
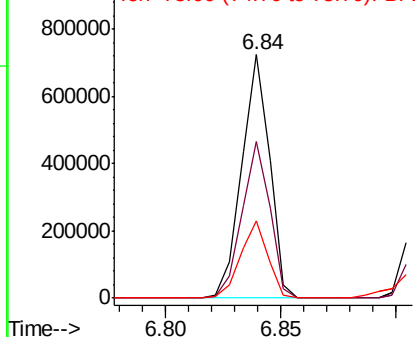


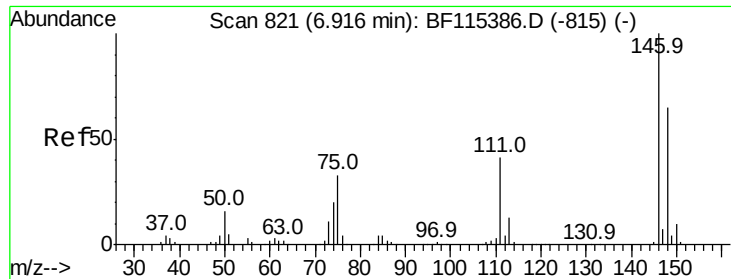
#12  
1,3-Dichlorobenzene  
Concen: 38.061 ng  
RT: 6.84 min Scan# 808  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 608021 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.3  | 52.3  | 78.5   |
| 75       | 31.8  | 24.8  | 37.2   |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF1

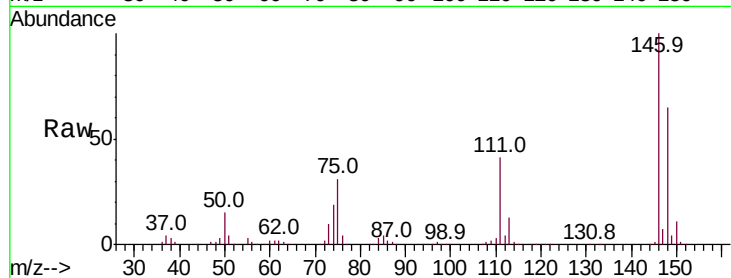




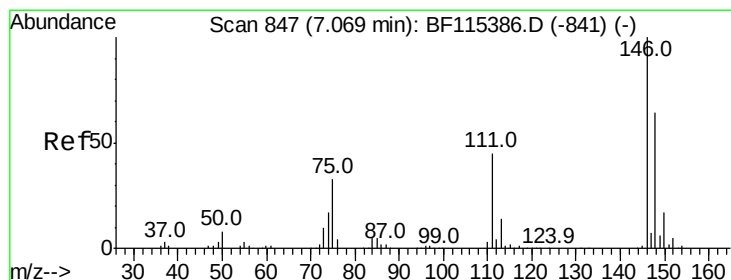
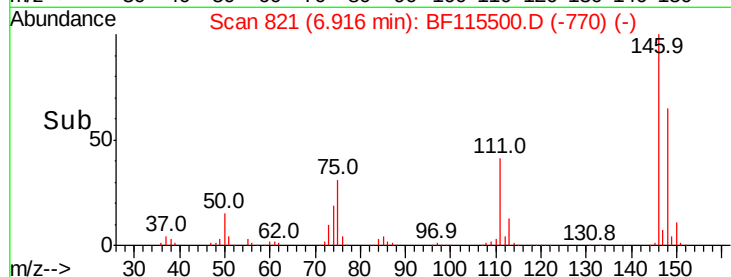
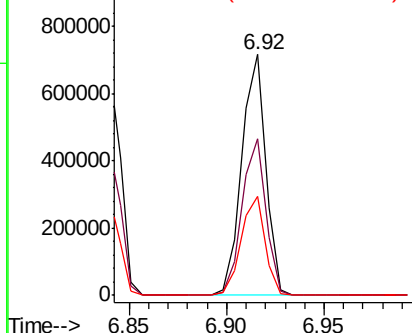
#13  
 1,4-Dichlorobenzene  
 Concen: 38.194 ng  
 RT: 6.92 min Scan# 821  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:146 Resp: 611160  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 51.3 76.9  
 111 41.4 32.1 48.1

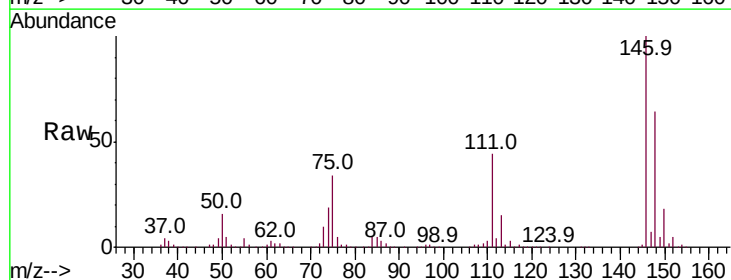


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

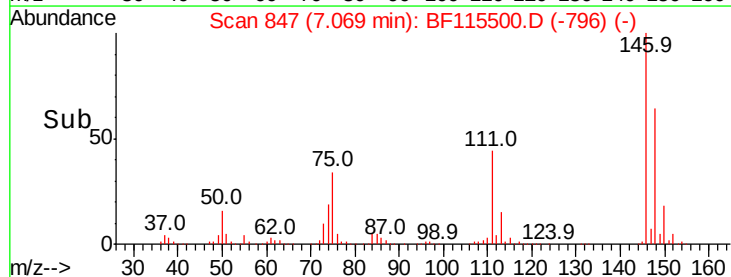
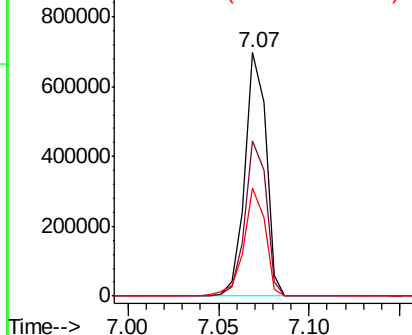


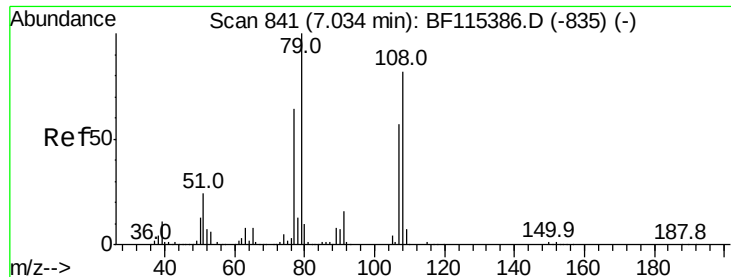
#14  
 1,2-Dichlorobenzene  
 Concen: 38.244 ng  
 RT: 7.07 min Scan# 847  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

Tgt Ion:146 Resp: 566572  
 Ion Ratio Lower Upper  
 146 100  
 148 63.7 50.6 75.8  
 111 44.5 35.4 53.2



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.927 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

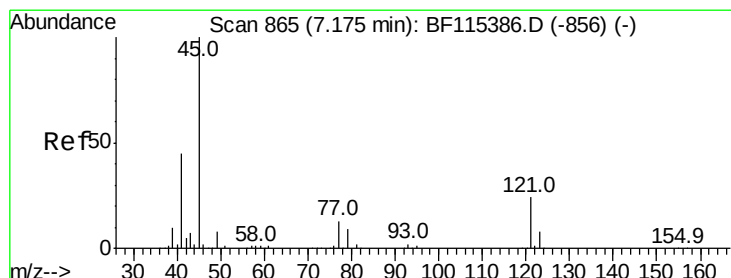
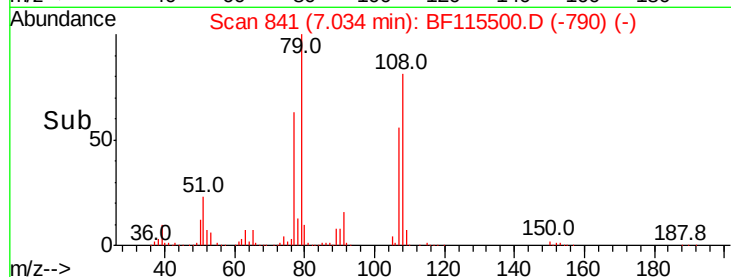
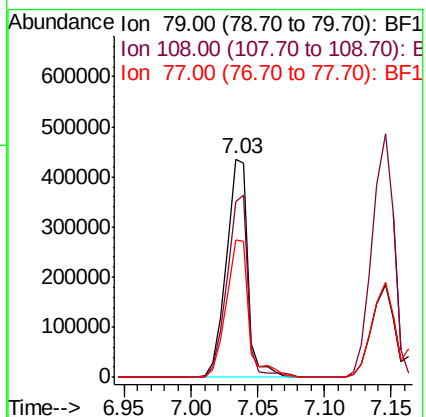
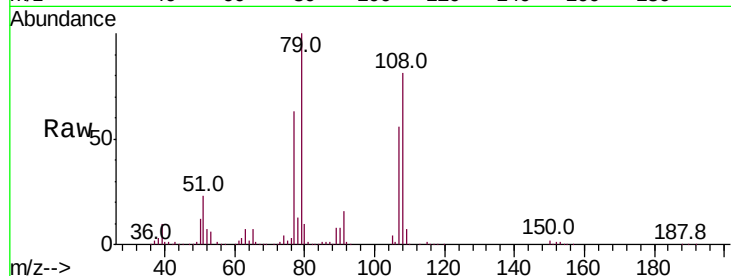
Tot Ion: 79 Resp: 499830

Ion Ratio Lower Upper

79 100

108 80.6 65.3 97.9

77 62.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.354 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

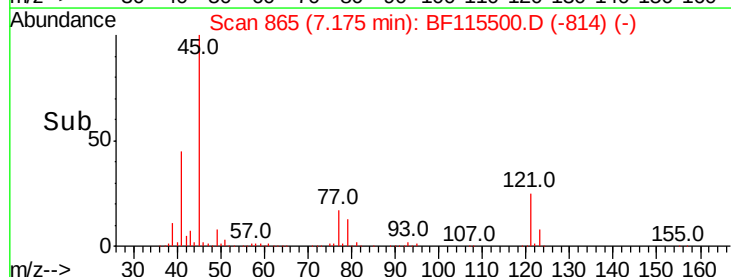
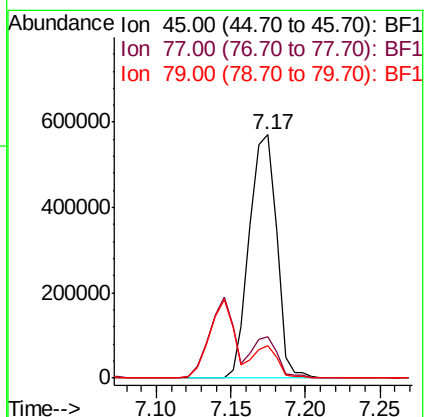
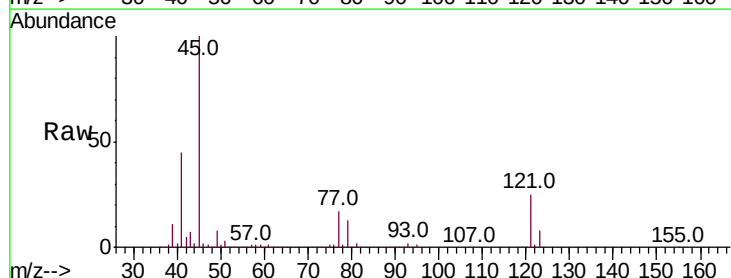
Tgt Ion: 45 Resp: 720591

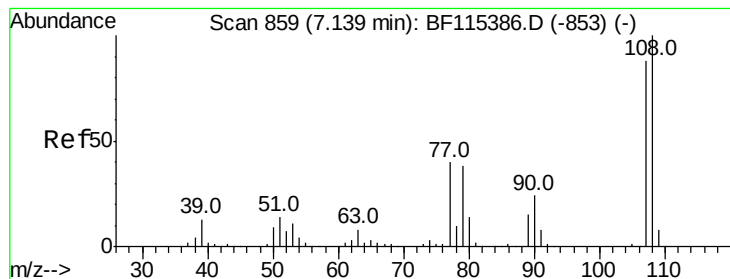
Ion Ratio Lower Upper

45 100

77 16.9 0.0 36.4

79 13.1 0.0 33.4





#17

2-Methylphenol

Concen: 38.404 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 479734

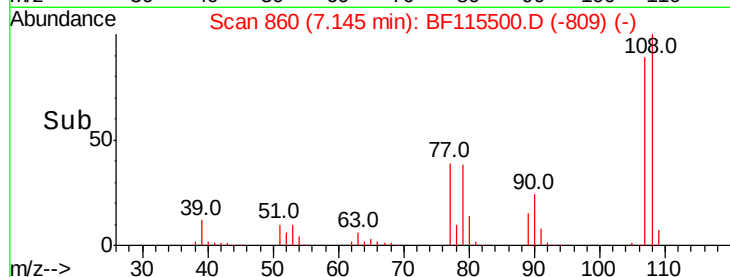
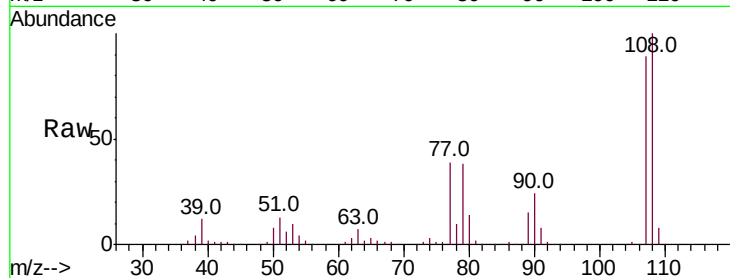
Ion Ratio Lower Upper

107 100

108 112.1 90.0 135.0

77 44.1 35.0 52.4

79 42.5 34.4 51.6

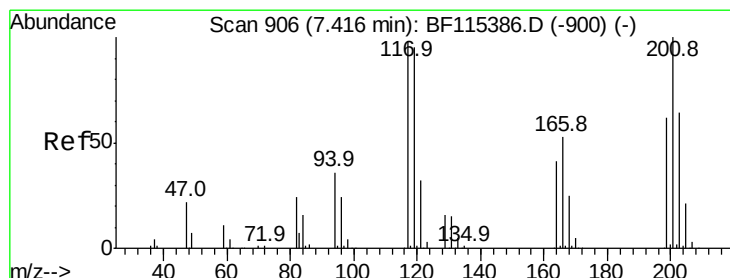
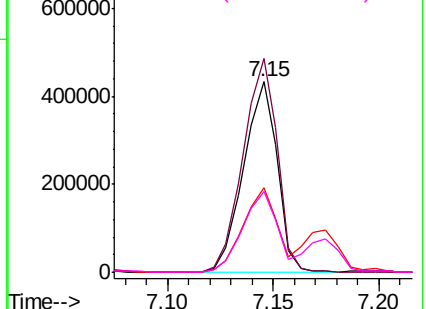


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.980 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

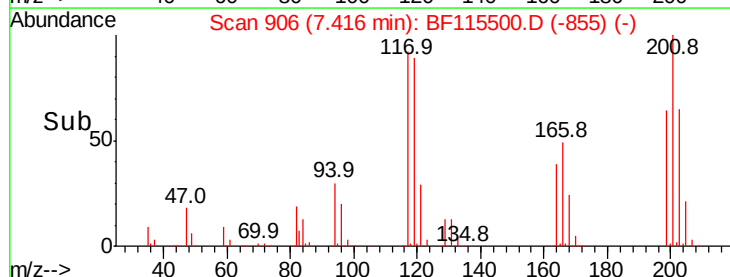
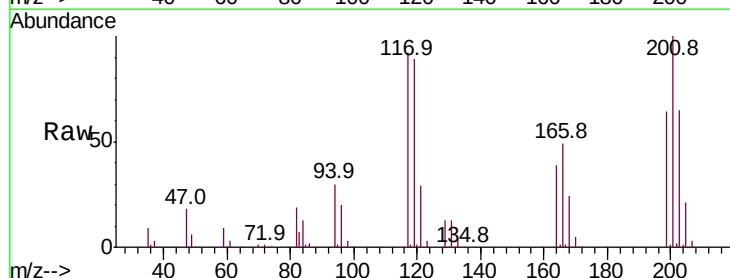
Tgt Ion:117 Resp: 226397

Ion Ratio Lower Upper

117 100

119 97.0 76.8 115.2

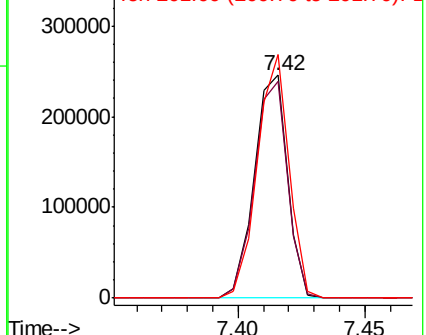
201 109.1 85.8 128.6

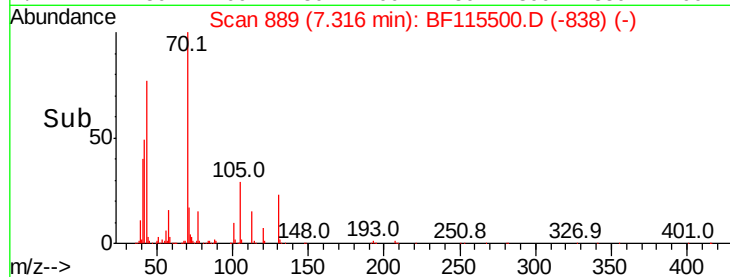
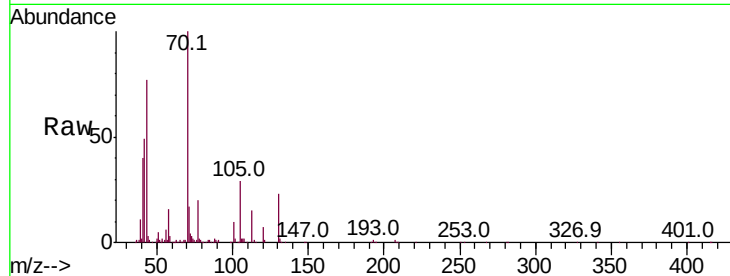
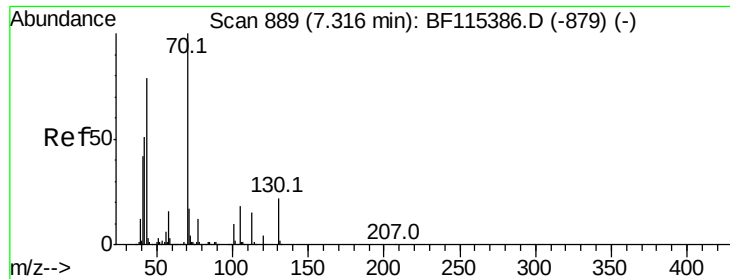


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

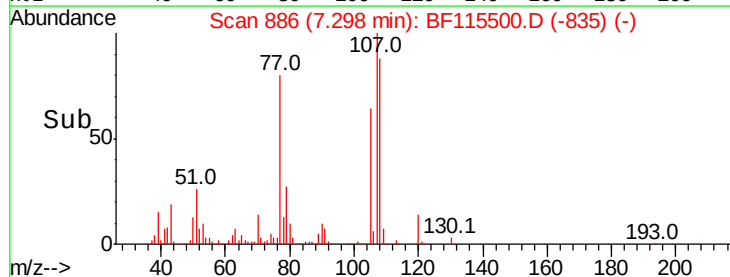
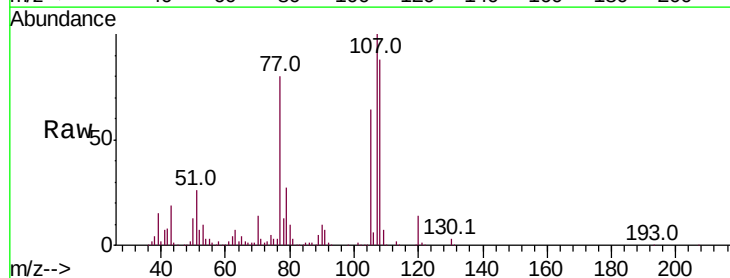
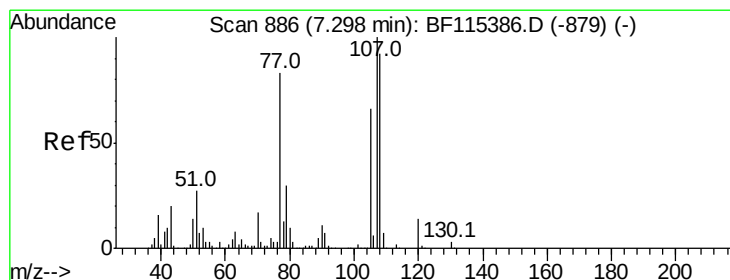
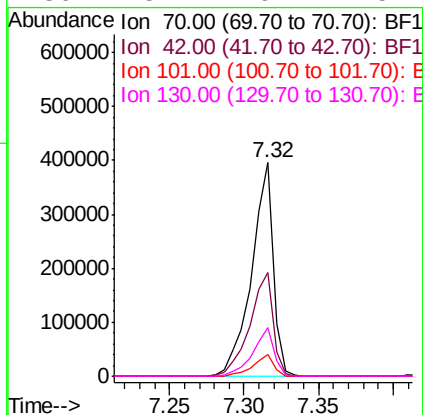




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.551 ng  
RT: 7.32 min Scan# 889  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

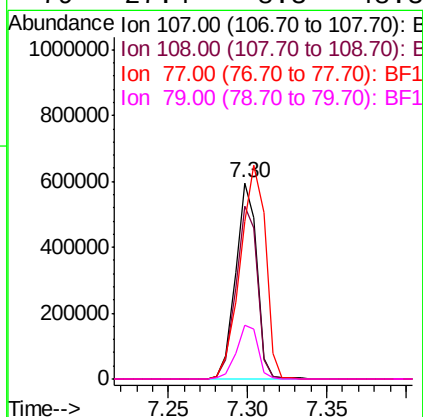
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

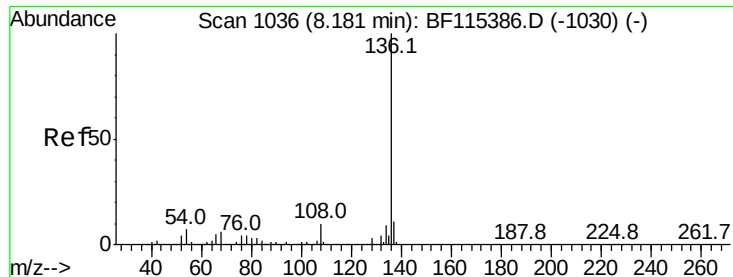
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 395007 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 48.7  | 38.5  | 57.7   |
| 101      | 10.4  | 8.0   | 12.0   |
| 130      | 23.1  | 19.1  | 28.7   |



#20  
3+4-Methylphenols  
Concen: 37.459 ng  
RT: 7.30 min Scan# 886  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 552728 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.0  | 70.5  | 110.5  |
| 77       | 80.1  | 63.0  | 103.0  |
| 79       | 27.4  | 8.3   | 48.3   |

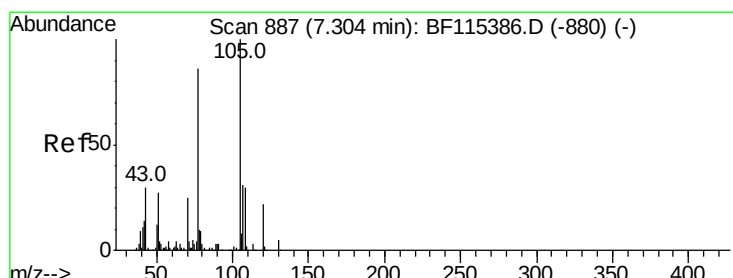
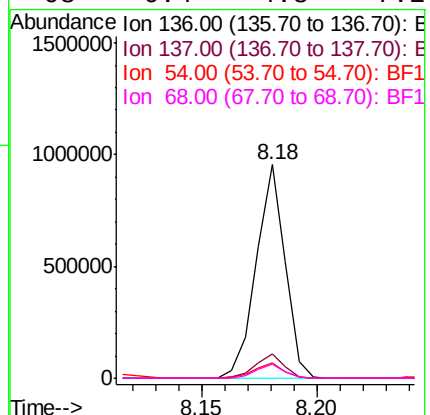
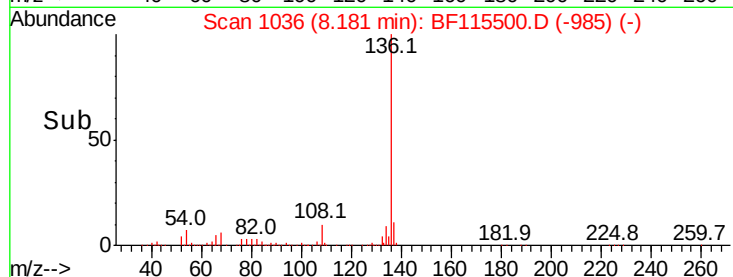
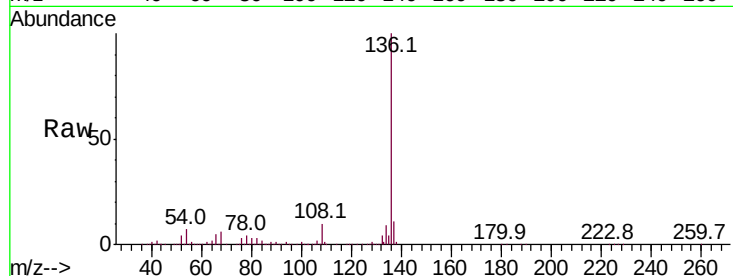




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

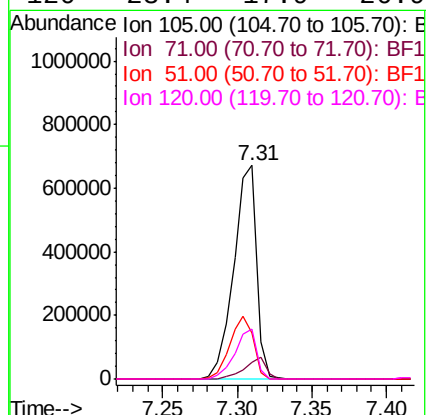
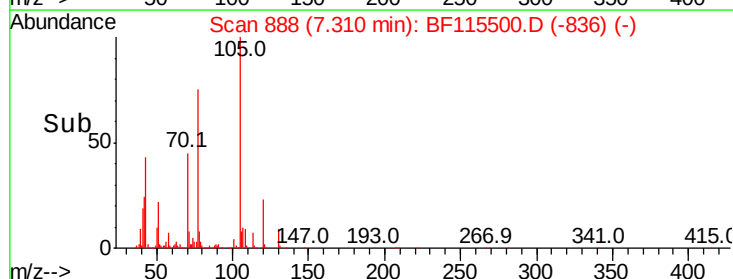
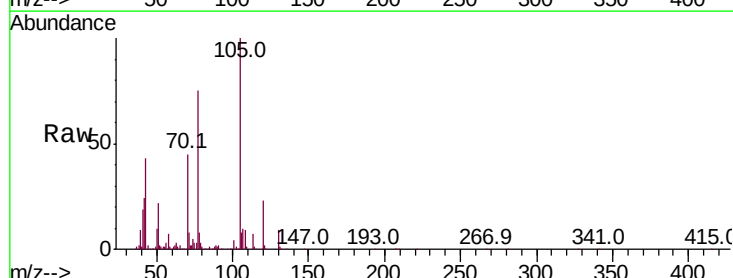
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

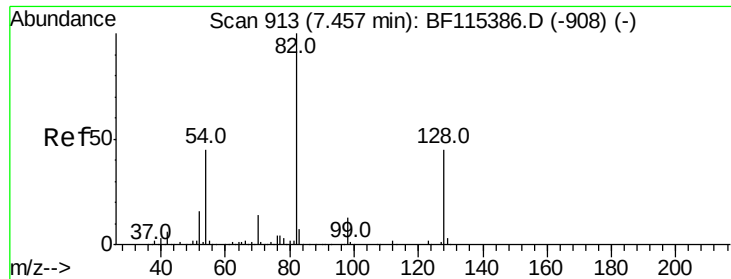
|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 835113 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.3    | 8.8 13.2     |
| 54 7.0      | 5.4 8.0      |
| 68 6.4      | 4.8 7.2      |



#22  
Acetophenone  
Concen: 36.159 ng  
RT: 7.31 min Scan# 888  
Delta R.T. 0.01 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 723568 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 7.6     | 3.5   | 5.3#   |
| 51  | 21.6    | 22.6  | 33.8#  |
| 120 | 23.4    | 17.9  | 26.9   |

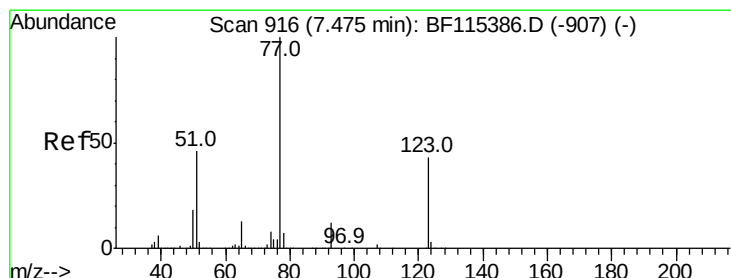
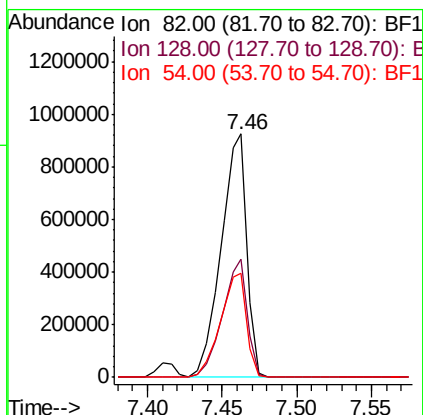
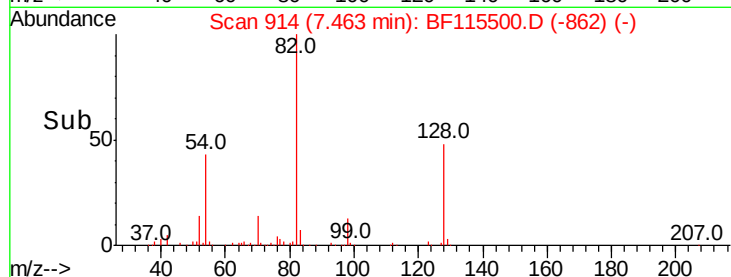
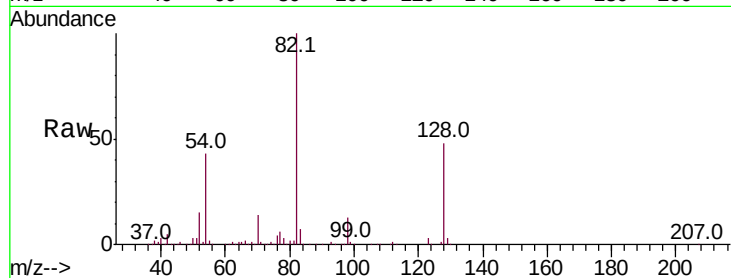




#23  
Nitrobenzene-d5  
Concen: 79.239 ng  
RT: 7.46 min Scan# 914  
Delta R.T. 0.01 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

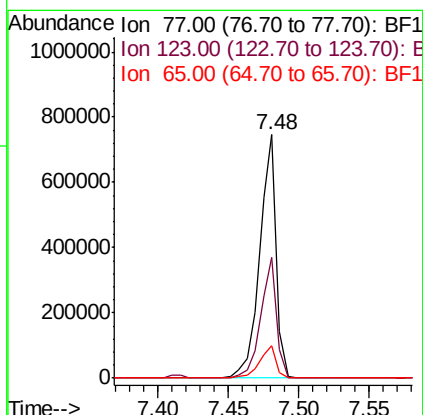
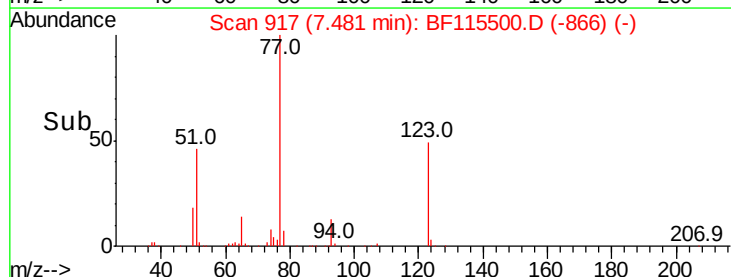
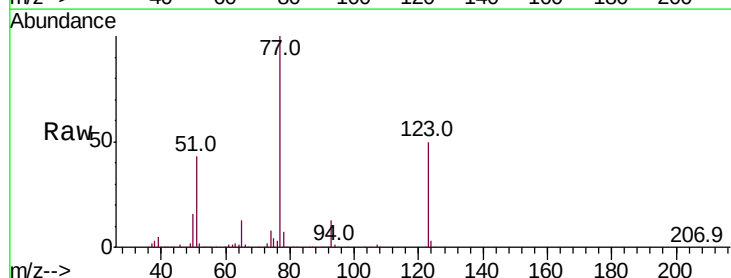
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion: 82 Resp: 1120008  
Ion Ratio Lower Upper  
82 100  
128 48.4 36.7 55.1  
54 42.8 35.6 53.4

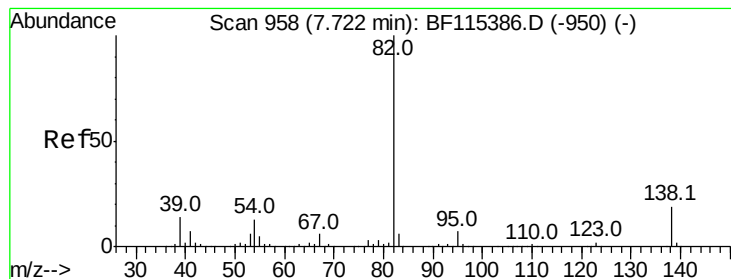


#24  
Nitrobenzene  
Concen: 38.551 ng  
RT: 7.48 min Scan# 917  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Tgt Ion: 77 Resp: 615383  
Ion Ratio Lower Upper  
77 100  
123 49.5 40.4 60.6  
65 13.2 10.4 15.6







#25

Isophorone

Concen: 36.595 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

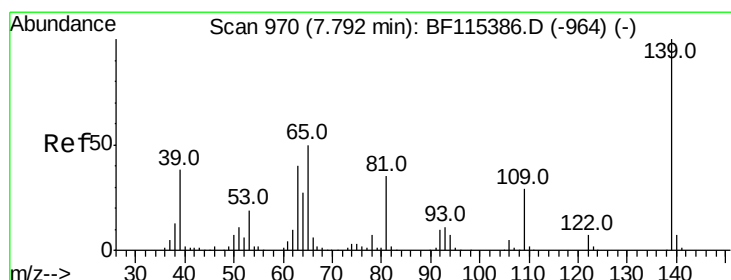
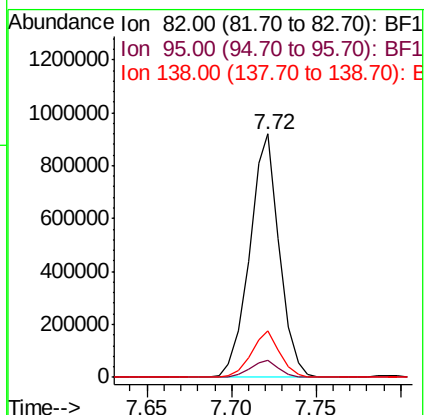
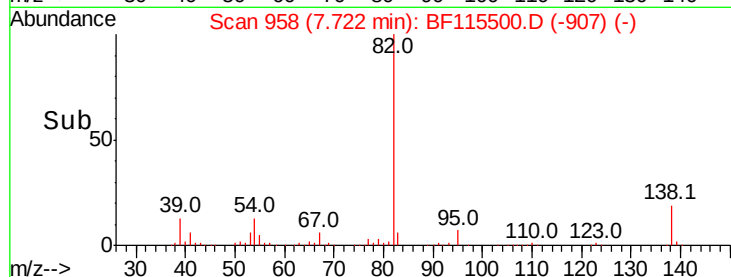
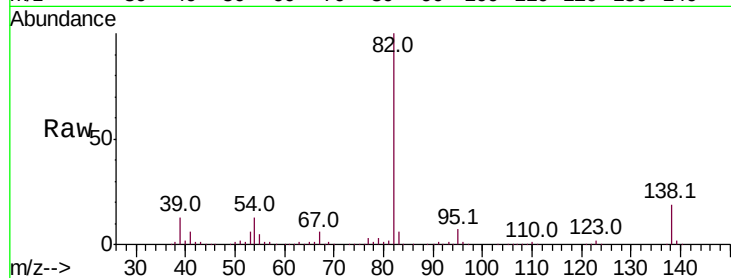
Tot Ion: 82 Resp: 1121161

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 19.1 15.1 22.7



#26

2-Nitrophenol

Concen: 48.436 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

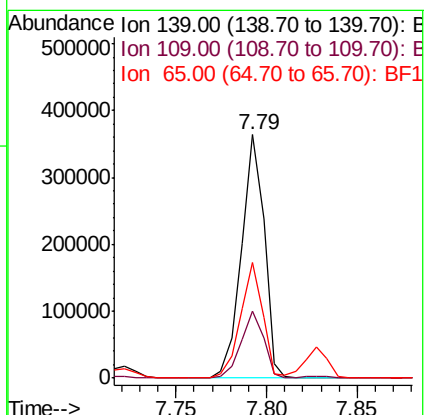
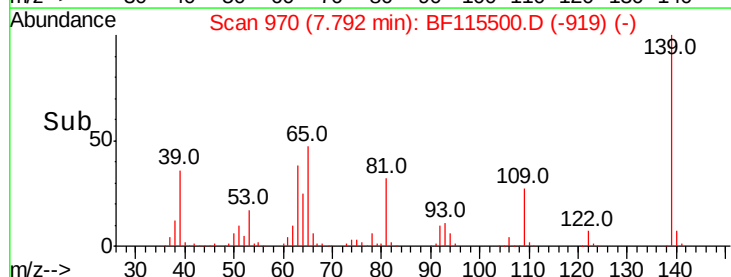
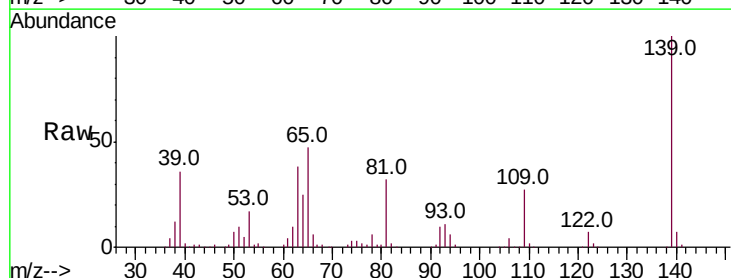
Tgt Ion:139 Resp: 317873

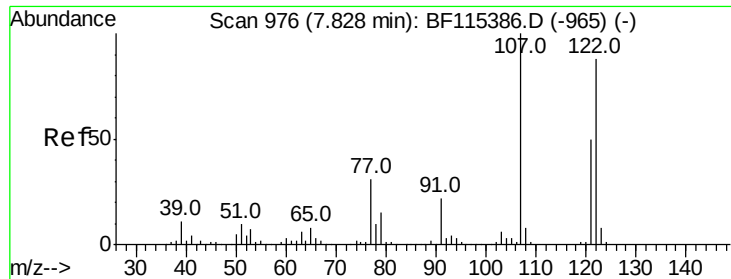
Ion Ratio Lower Upper

139 100

109 27.5 22.2 33.4

65 47.5 37.5 56.3

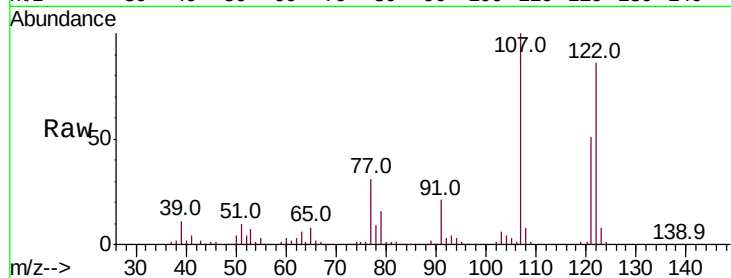




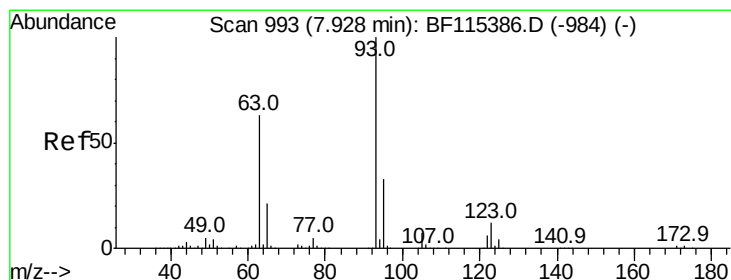
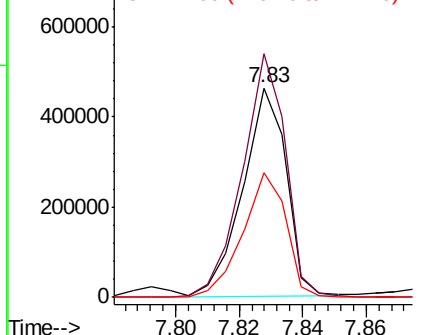
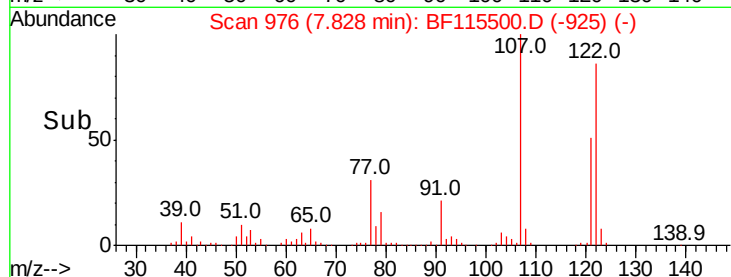
#27  
2,4-Dimethylphenol  
Concen: 34.936 ng  
RT: 7.83 min Scan# 976  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:122 Resp: 437188  
Ion Ratio Lower Upper  
122 100  
107 116.3 91.7 137.5  
121 59.2 47.7 71.5

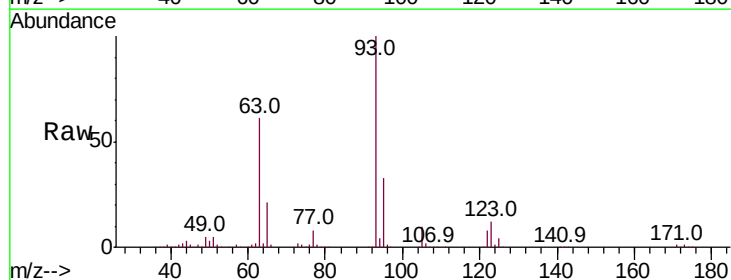


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

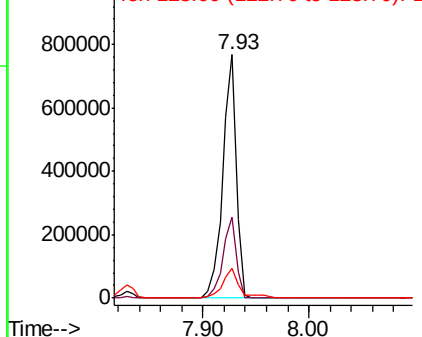
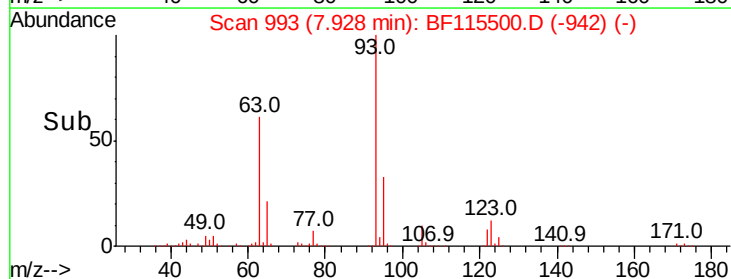


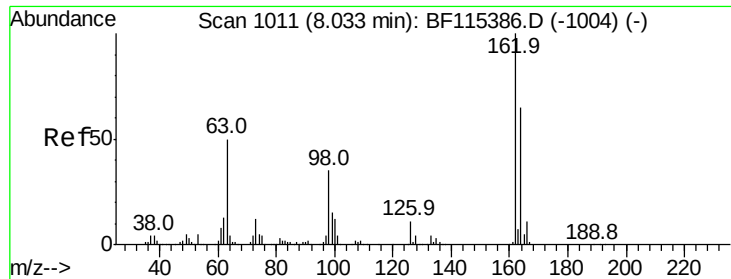
#28  
bis(2-Chloroethoxy)methane  
Concen: 36.609 ng  
RT: 7.93 min Scan# 993  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Tgt Ion: 93 Resp: 691624  
Ion Ratio Lower Upper  
93 100  
95 33.4 26.6 39.8  
123 12.2 10.4 15.6



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

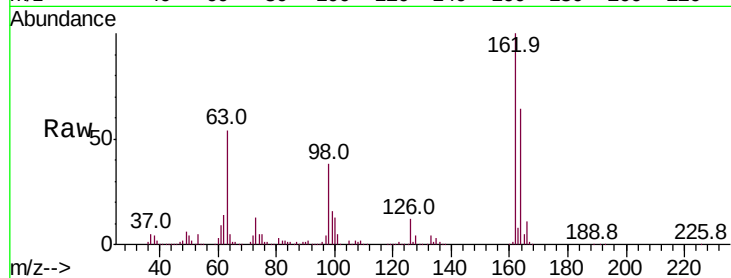




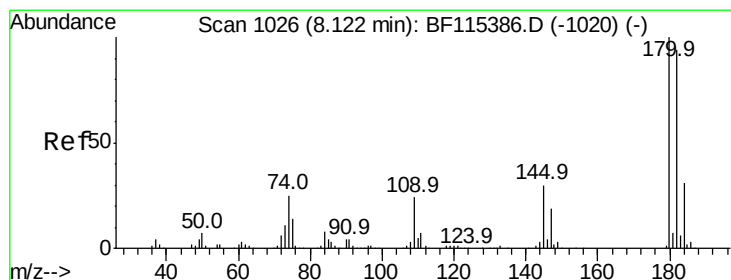
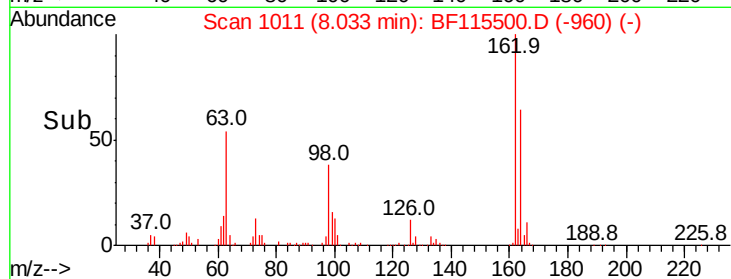
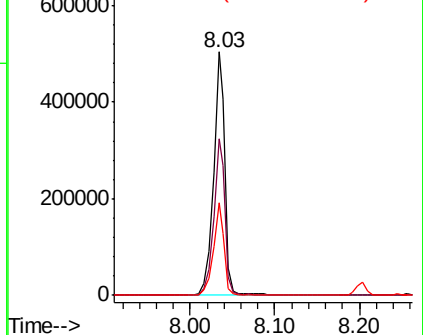
#29  
 2,4-Dichlorophenol  
 Concen: 39.121 ng  
 RT: 8.03 min Scan# 1011  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.1  | 45.2  | 85.2  |
| 98      | 38.0  | 17.0  | 57.0  |

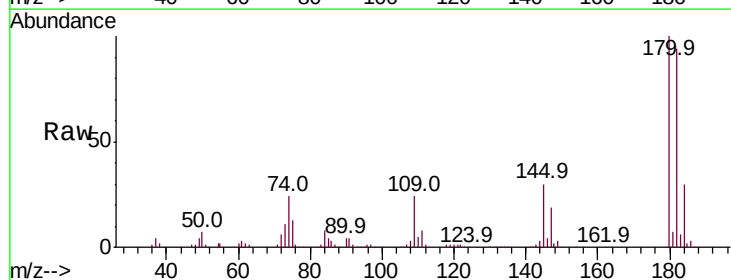


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

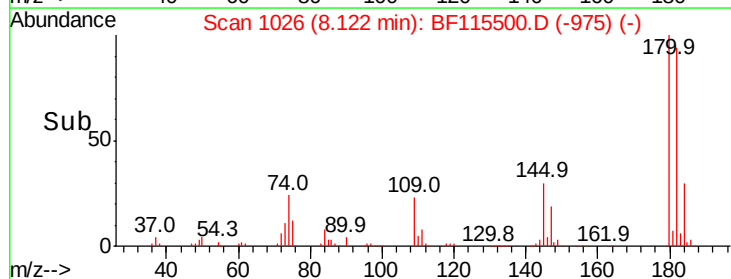
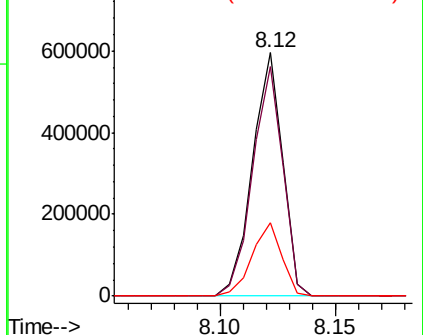


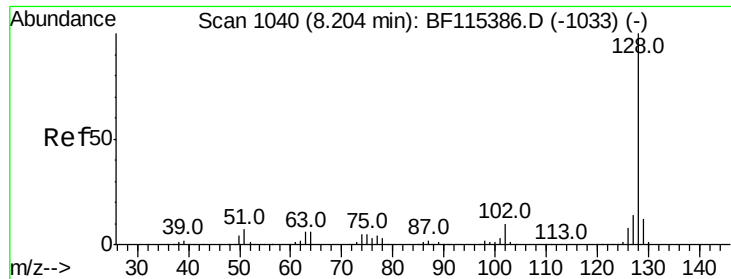
#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.158 ng  
 RT: 8.12 min Scan# 1026  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.3  | 77.1  | 115.7 |
| 145     | 30.1  | 23.9  | 35.9  |



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





#31

Naphthalene

Concen: 37.729 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

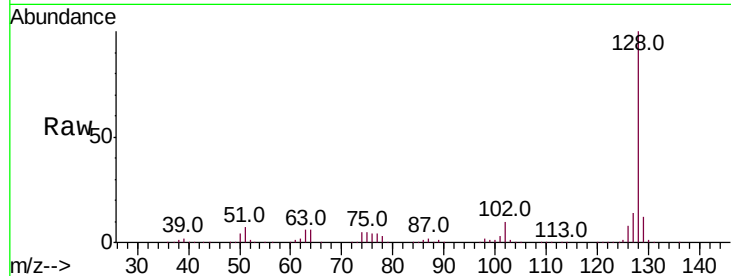
Tot Ion:128 Resp: 1565000

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

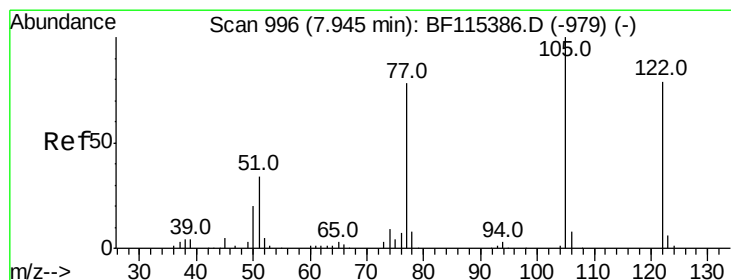
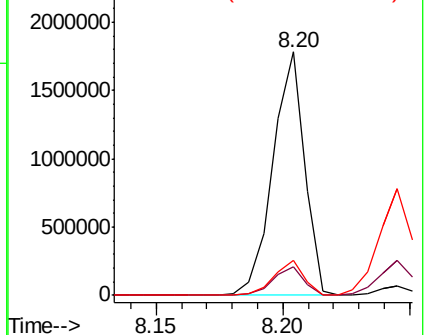
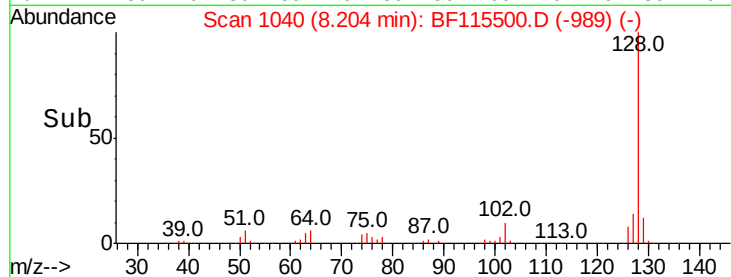
127 14.1 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.182 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

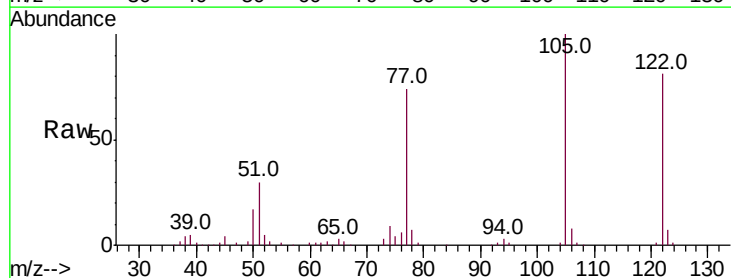
Tgt Ion:122 Resp: 303908

Ion Ratio Lower Upper

122 100

105 123.3 101.6 141.6

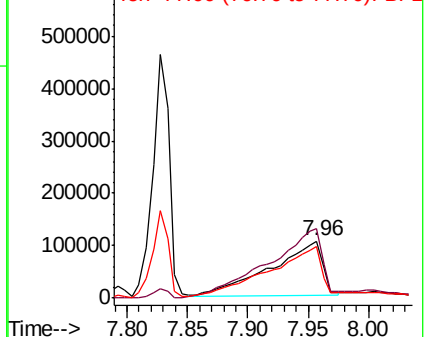
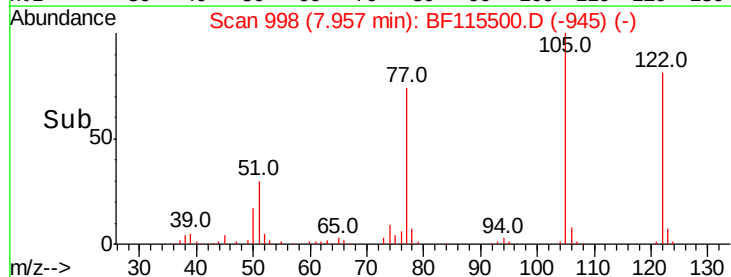
77 91.0 69.1 109.1

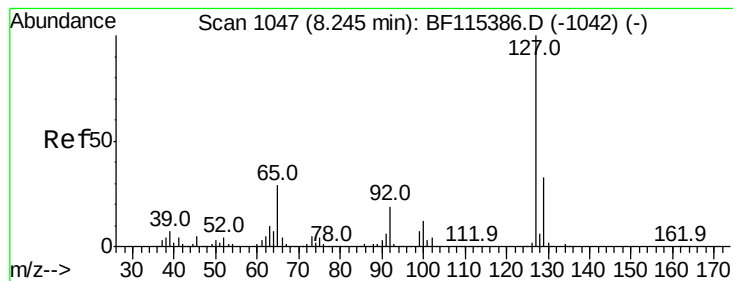


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 38.456 ng

RT: 8.25 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:127 Resp: 711726

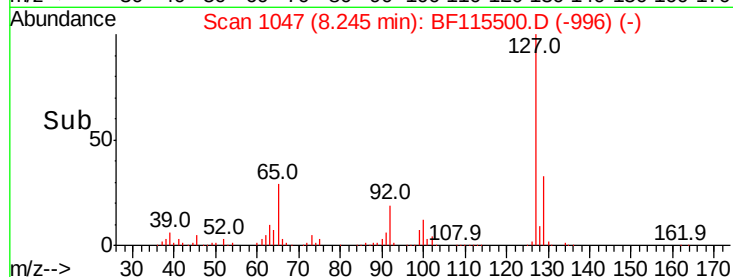
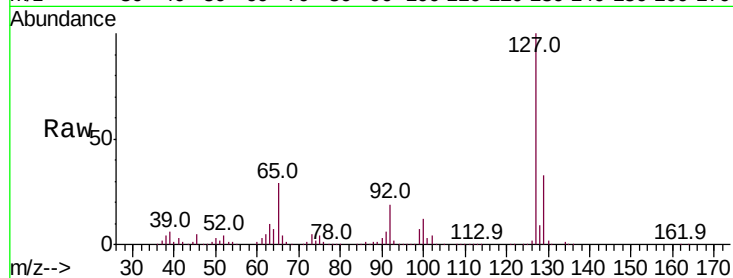
Ion Ratio Lower Upper

127 100

129 33.1 26.1 39.1

65 29.1 23.2 34.8

92 18.9 15.0 22.6

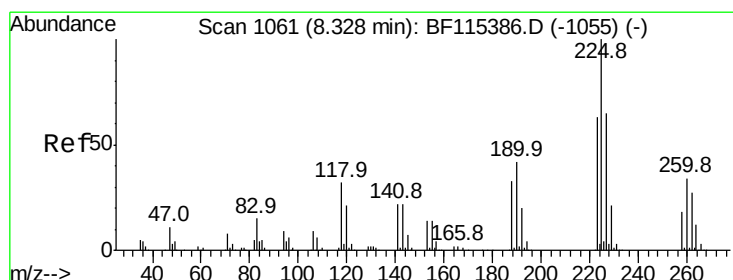
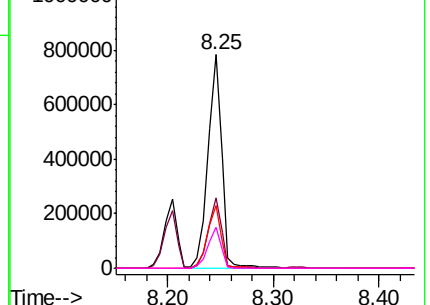


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.778 ng

RT: 8.32 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

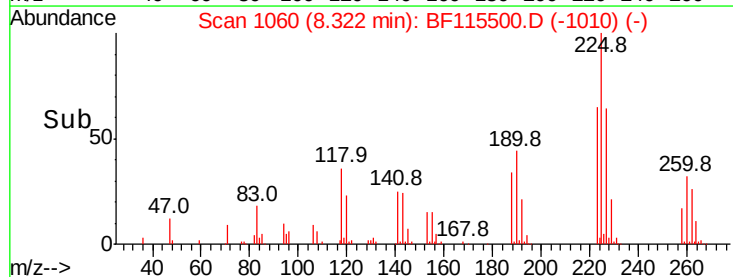
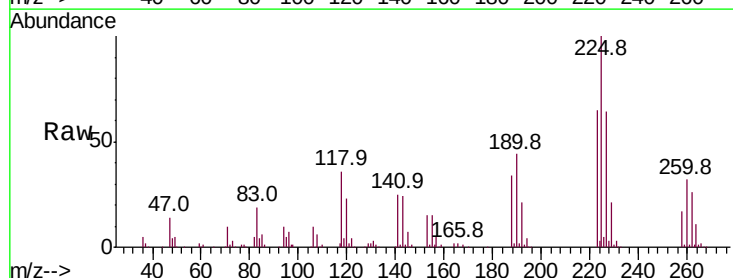
Tgt Ion:225 Resp: 313014

Ion Ratio Lower Upper

225 100

223 64.6 50.6 76.0

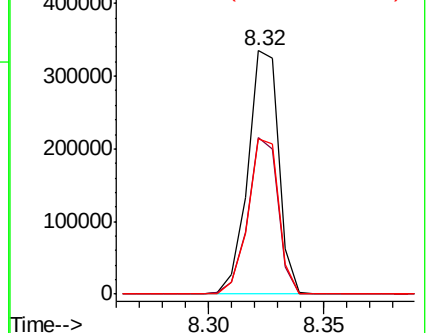
227 64.0 51.4 77.2

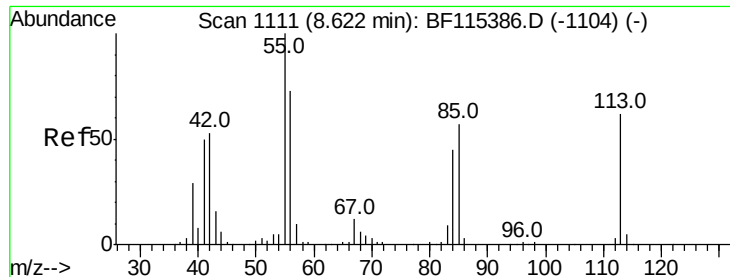


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.494 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

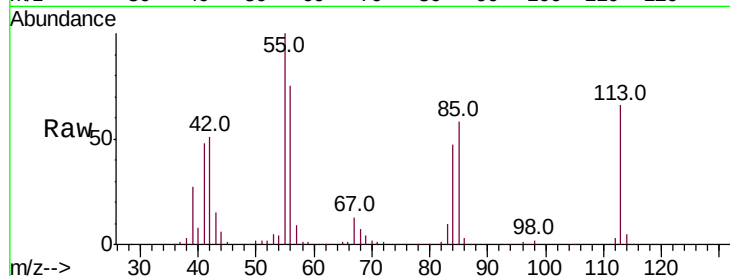
Tot Ion:113 Resp: 160325

Ion Ratio Lower Upper

113 100

55 151.8 138.1 178.1

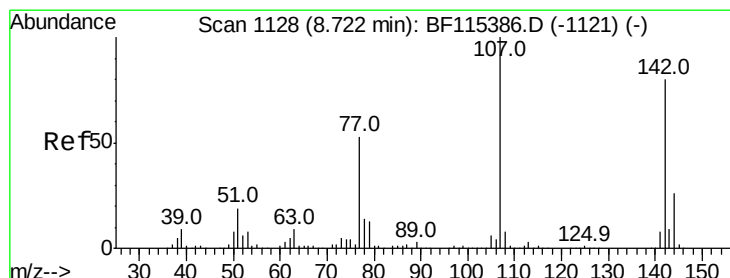
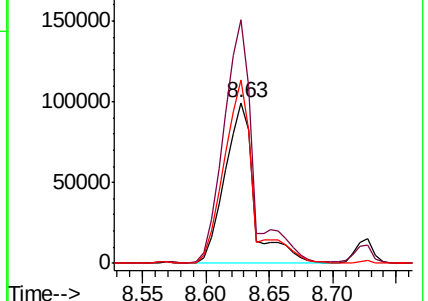
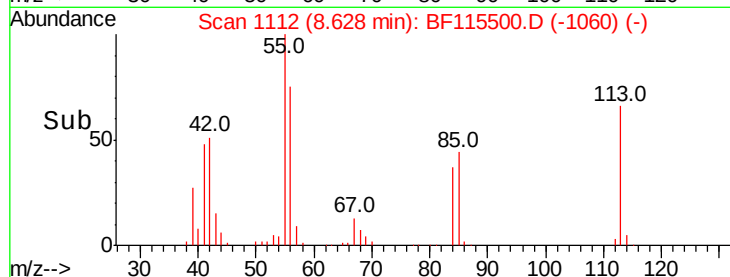
56 114.2 95.7 135.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.680 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

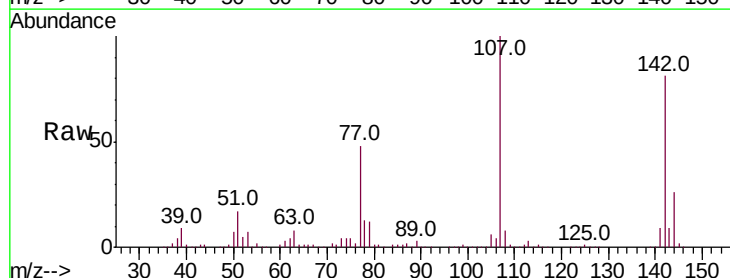
Tgt Ion:107 Resp: 509953

Ion Ratio Lower Upper

107 100

144 26.5 21.5 32.3

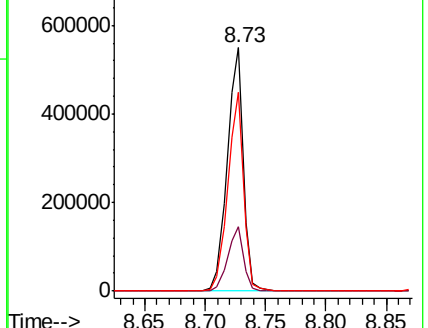
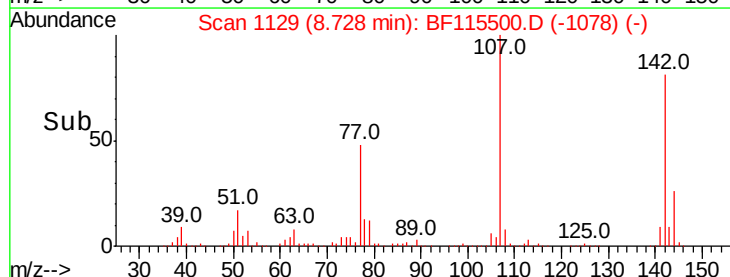
142 81.4 66.2 99.2

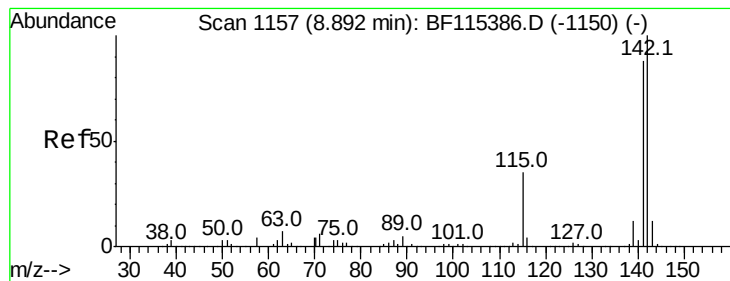


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.772 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

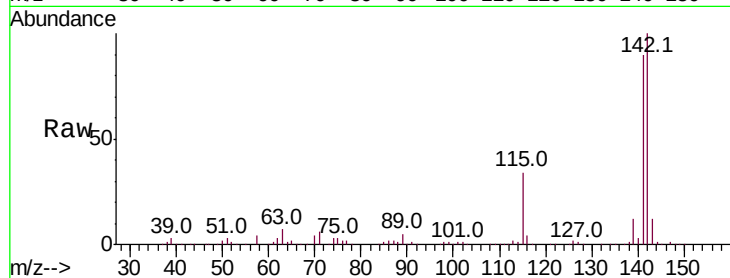
Tot Ion:142 Resp: 1047258

Ion Ratio Lower Upper

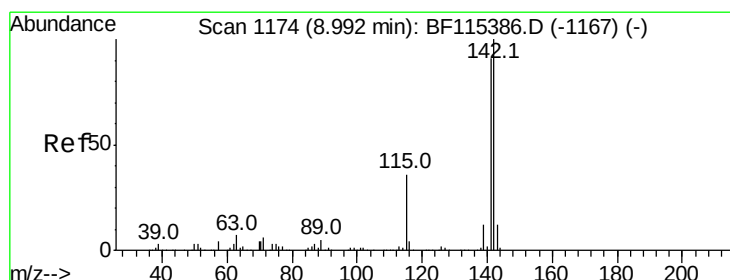
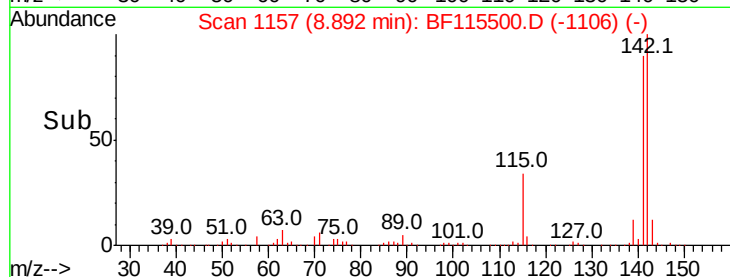
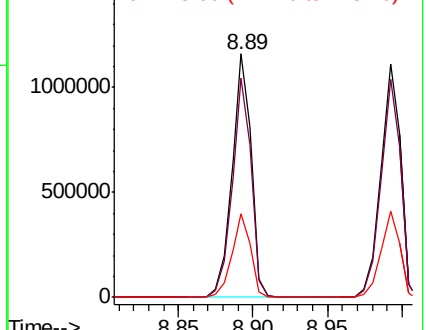
142 100

141 90.0 72.1 108.1

115 34.3 27.6 41.4



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: 37.706 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

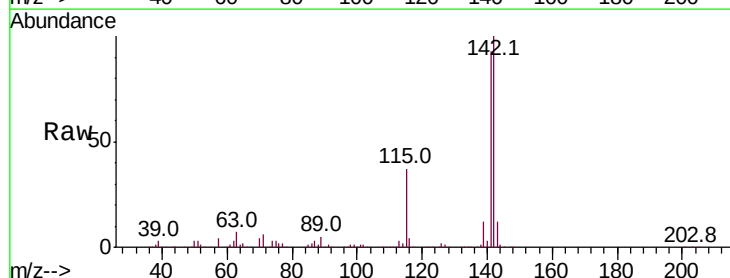
Tgt Ion:142 Resp: 997454

Ion Ratio Lower Upper

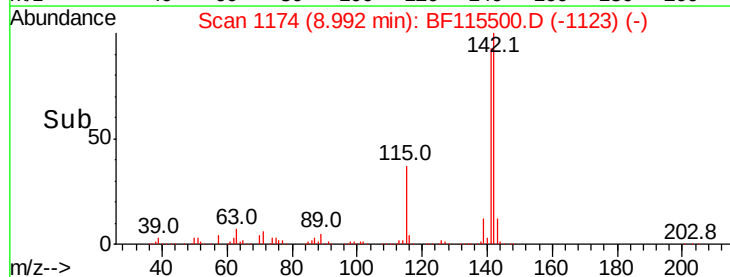
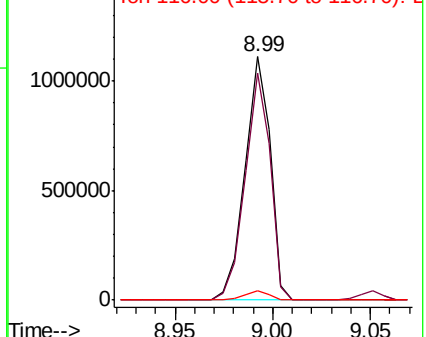
142 100

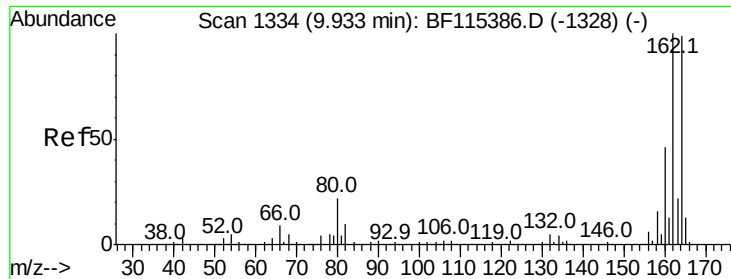
141 93.3 74.3 111.5

116 3.9 3.1 4.7



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

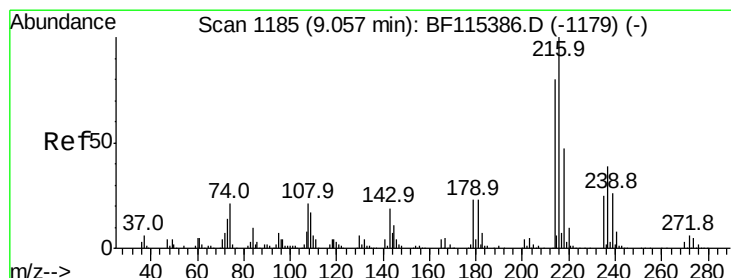
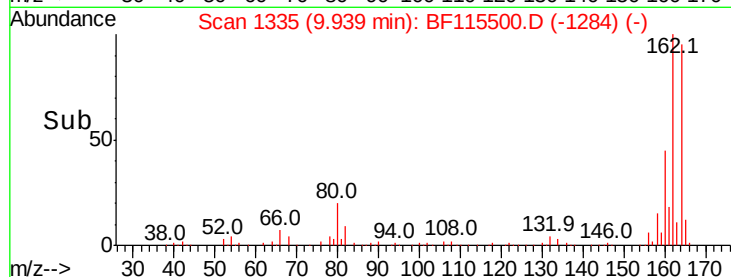
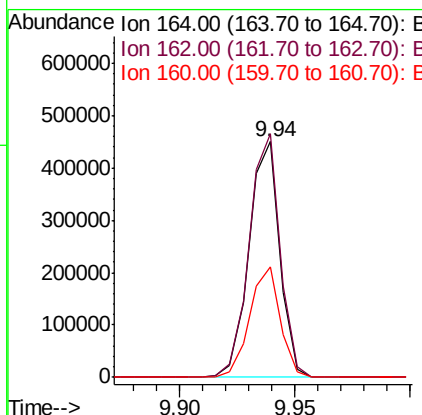
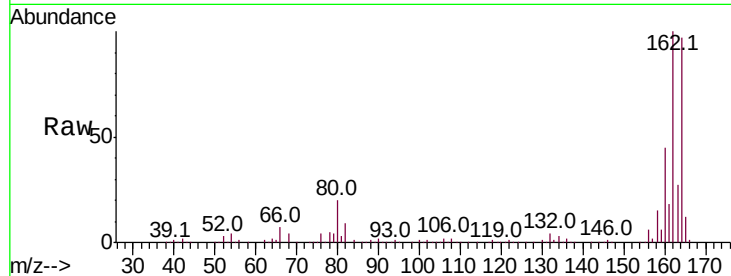




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

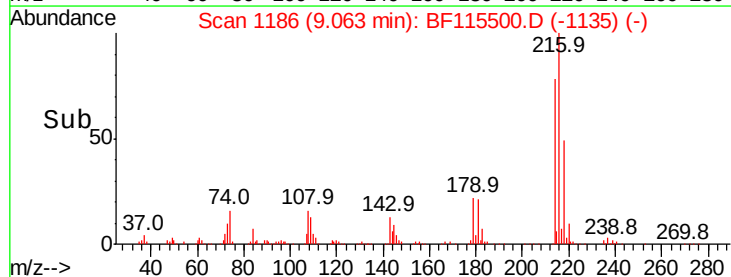
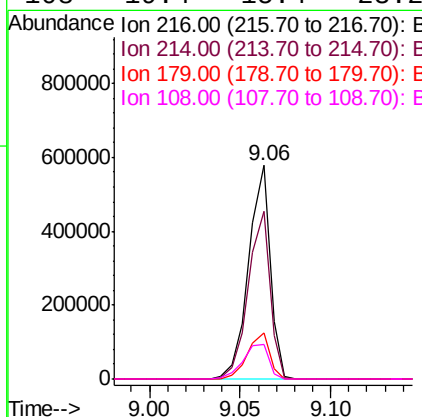
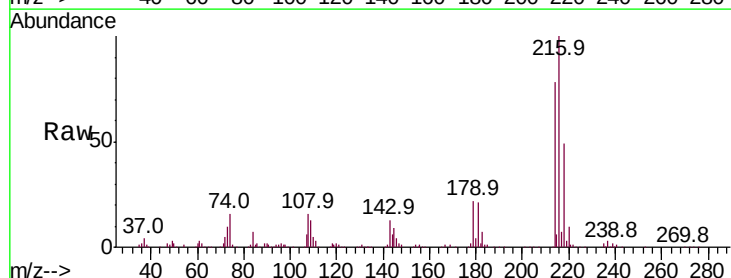
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:164 Resp: 419358  
Ion Ratio Lower Upper  
164 100  
162 103.3 82.3 123.5  
160 46.7 37.2 55.8

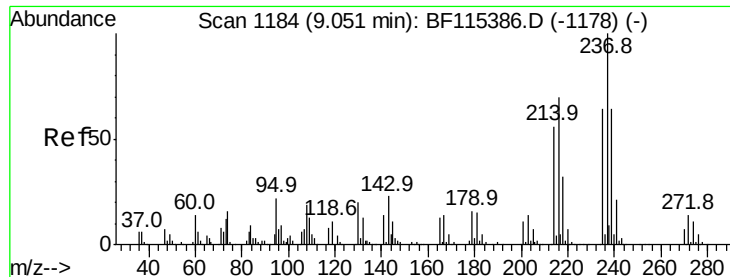


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.735 ng  
RT: 9.06 min Scan# 1186  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Tgt Ion:216 Resp: 479379  
Ion Ratio Lower Upper  
216 100  
214 79.7 63.0 94.6  
179 22.1 17.4 26.0  
108 19.4 15.4 23.2



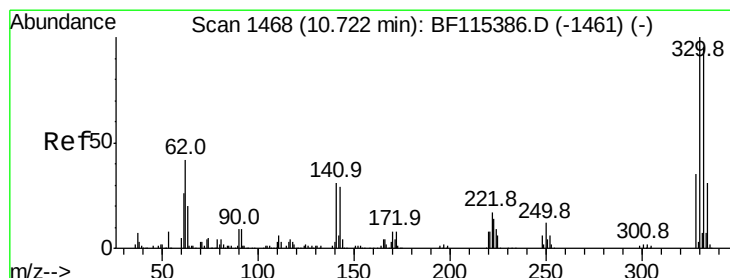
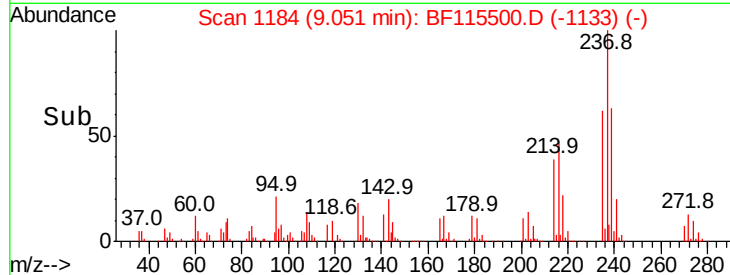
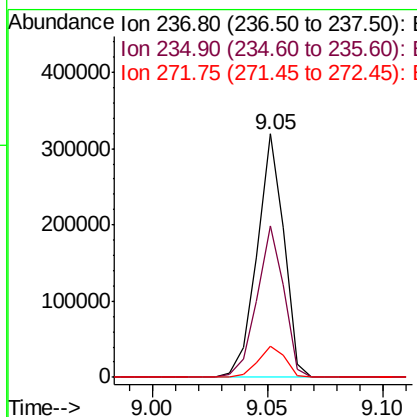
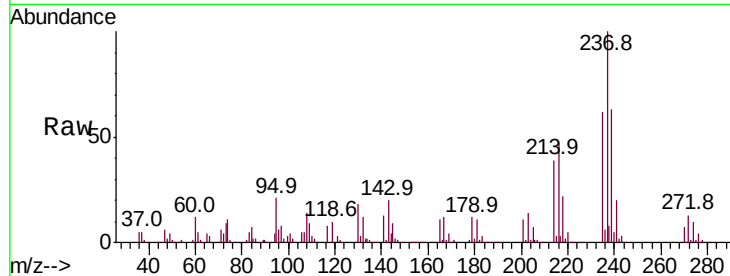




#41  
 Hexachlorocyclopentadiene  
 Concen: 37.193 ng  
 RT: 9.05 min Scan# 1184  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

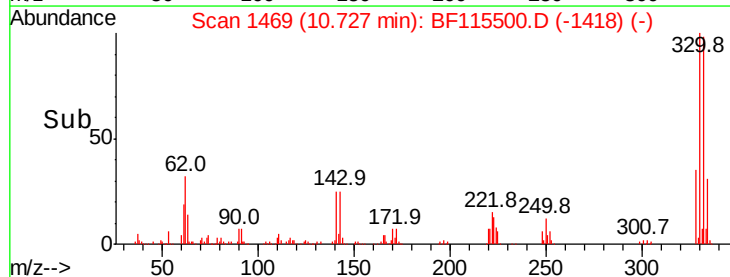
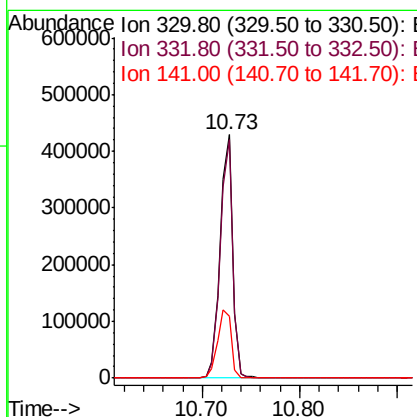
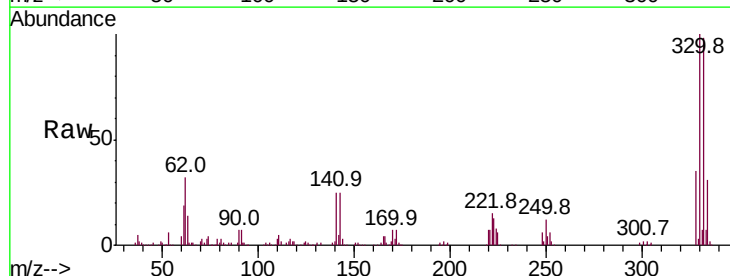
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

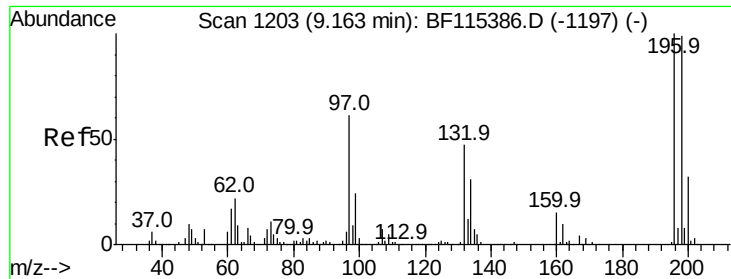
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 237   | Resp: | 260071 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 62.3  | 43.4  | 83.4   |
| 272      | 13.0  | 0.0   | 33.6   |



#42  
 2,4,6-Tribromophenol  
 Concen: 82.985 ng  
 RT: 10.73 min Scan# 1469  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 384779 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 97.4  | 77.4  | 116.0  |
| 141      | 30.5  | 24.7  | 37.1   |

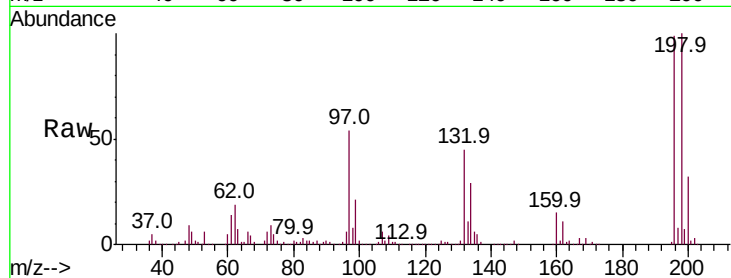




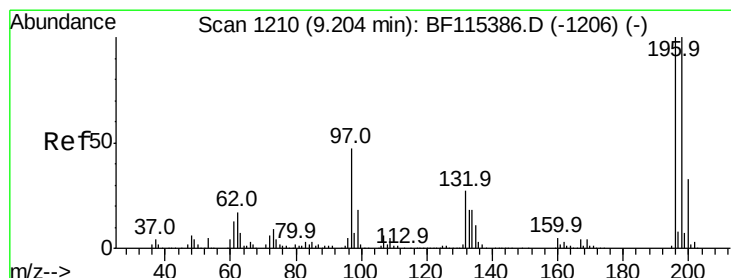
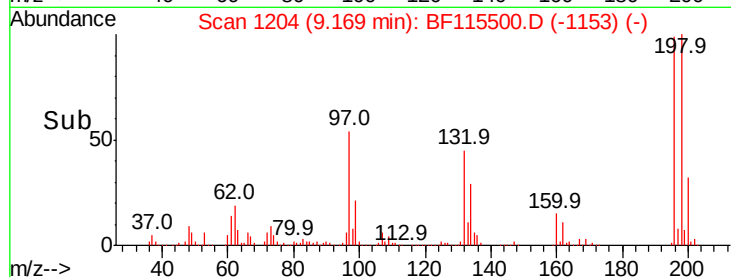
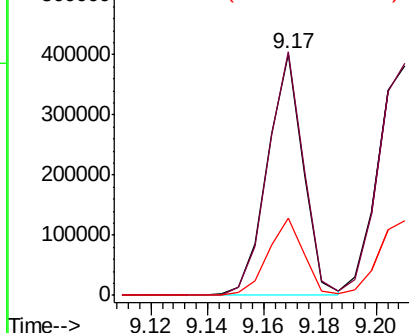
#43  
 2,4,6-Trichlorophenol  
 Concen: 40.128 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:196 Resp: 352449  
 Ion Ratio Lower Upper  
 196 100  
 198 100.7 78.2 117.4  
 200 31.9 25.0 37.6



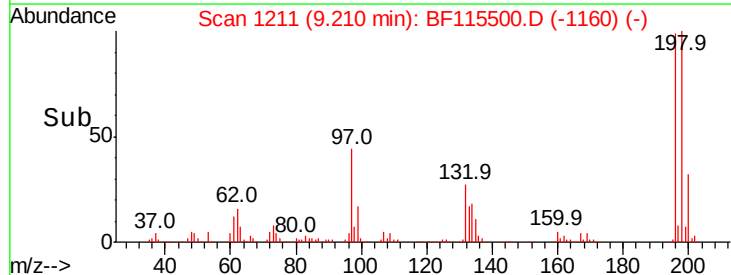
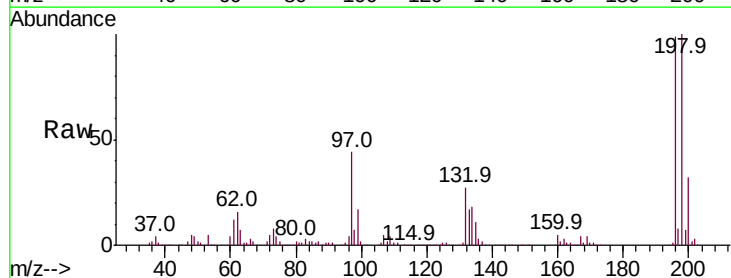
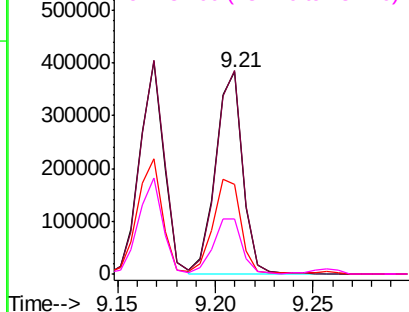
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

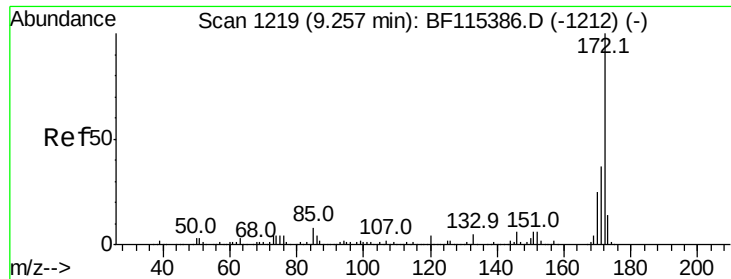


#44  
 2,4,5-Trichlorophenol  
 Concen: 40.392 ng  
 RT: 9.21 min Scan# 1211  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

Tgt Ion:196 Resp: 367866  
 Ion Ratio Lower Upper  
 196 100  
 198 100.9 80.6 120.8  
 97 44.4 34.0 51.0  
 132 27.6 21.4 32.2

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

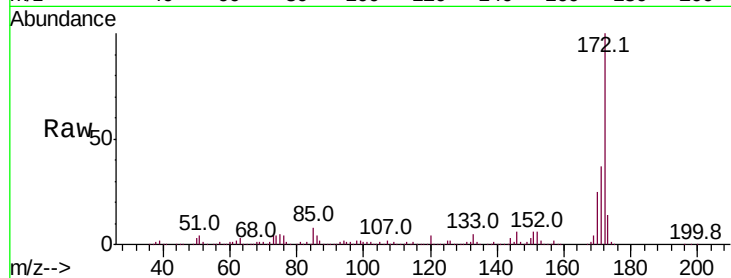




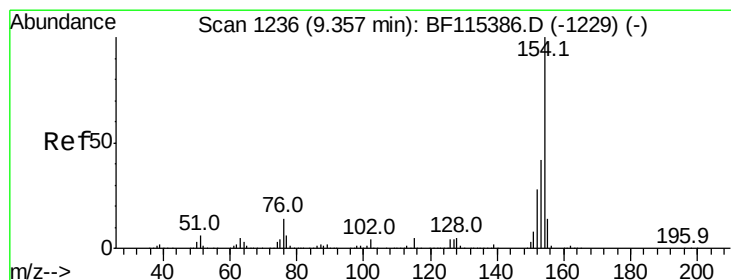
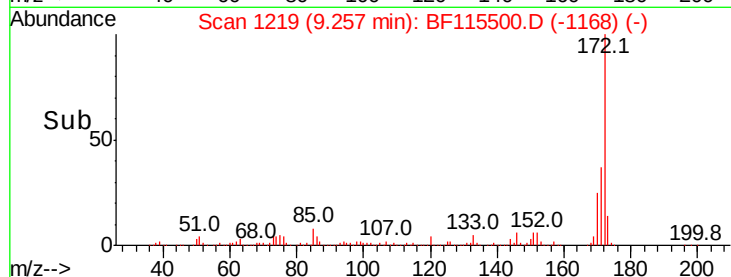
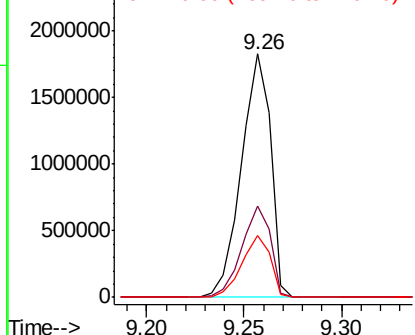
#45  
2-Fluorobiphenyl  
Concen: 79.353 ng  
RT: 9.26 min Scan# 1219  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:172 Resp: 1896405  
Ion Ratio Lower Upper  
172 100  
171 37.4 29.8 44.8  
170 25.3 20.0 30.0

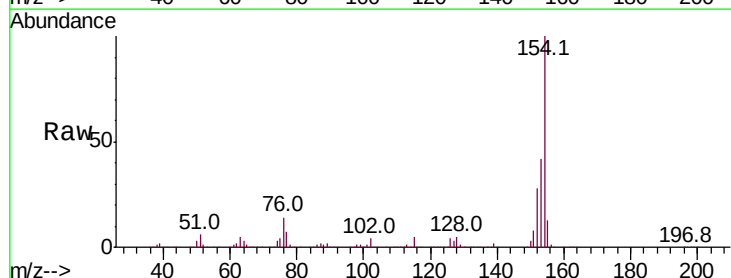


Abundance Ion 172.00 (171.70 to 172.70): E  
2500000 Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

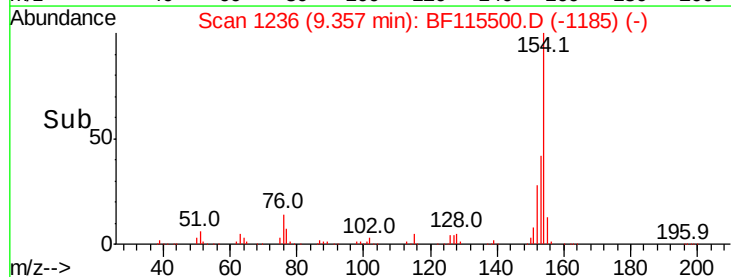
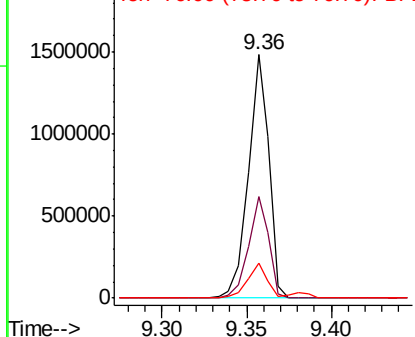


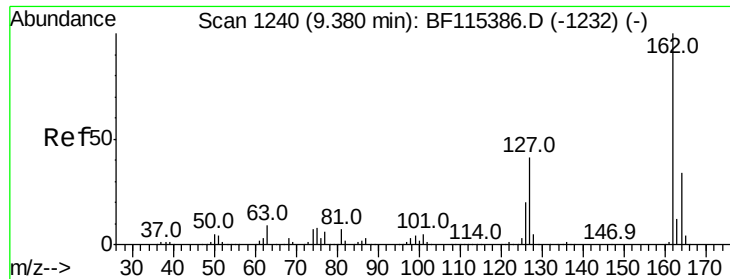
#46  
1,1'-Biphenyl  
Concen: 38.129 ng  
RT: 9.36 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Tgt Ion:154 Resp: 1257022  
Ion Ratio Lower Upper  
154 100  
153 42.0 21.5 61.5  
76 14.2 0.0 34.6



Abundance Ion 154.00 (153.70 to 154.70): E  
2000000 Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF1

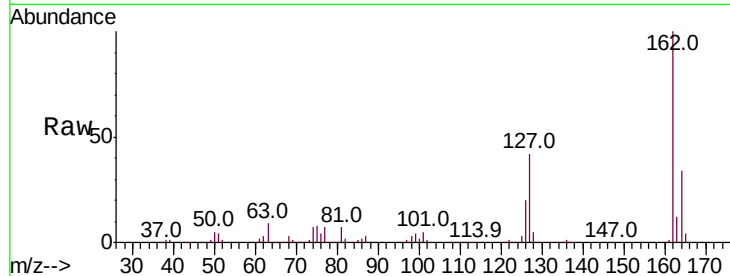




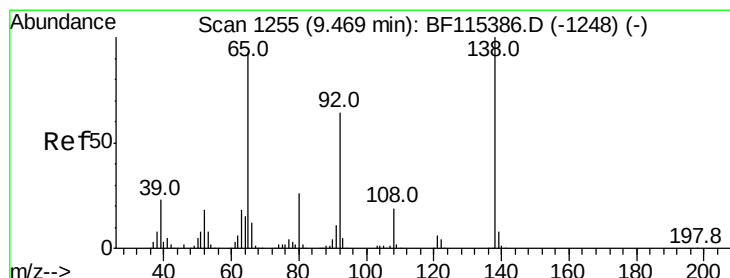
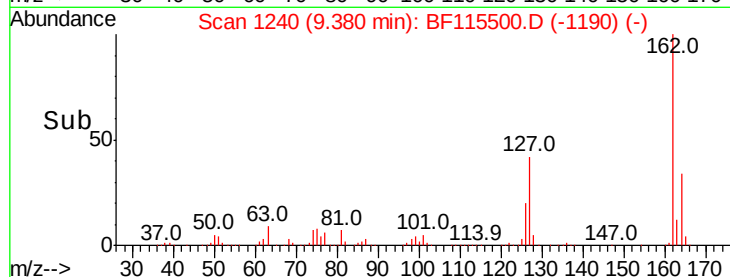
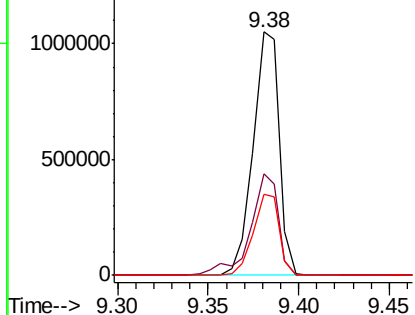
#47  
 2-Chloronaphthalene  
 Concen: 38.709 ng  
 RT: 9.38 min Scan# 1240  
 Delta R.T. -0.01 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:162 Resp: 1054719  
 Ion Ratio Lower Upper  
 162 100  
 127 41.5 31.4 47.0  
 164 33.6 27.2 40.8

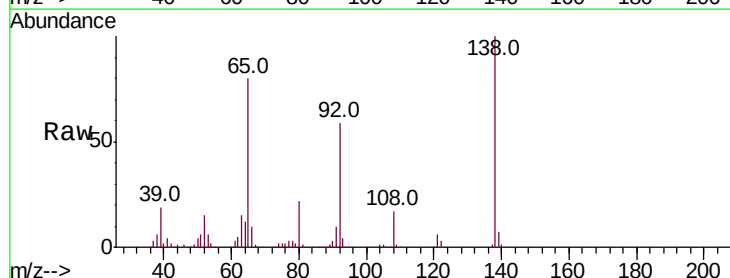


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

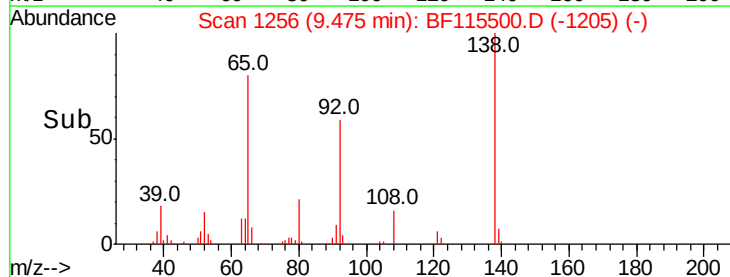
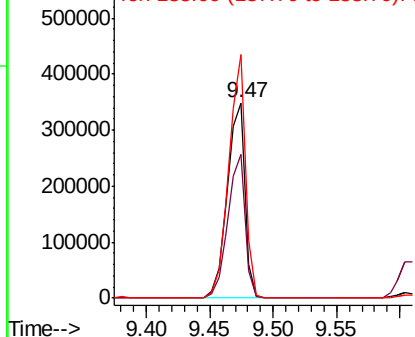


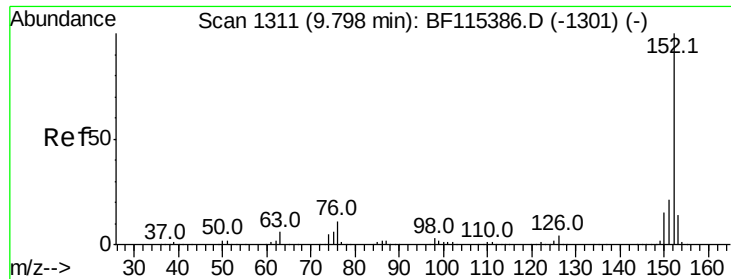
#48  
 2-Nitroaniline  
 Concen: 41.933 ng  
 RT: 9.47 min Scan# 1256  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

Tgt Ion: 65 Resp: 335687  
 Ion Ratio Lower Upper  
 65 100  
 92 74.0 59.0 88.4  
 138 124.8 98.3 147.5



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





#49

Acenaphthylene

Concen: 38.462 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

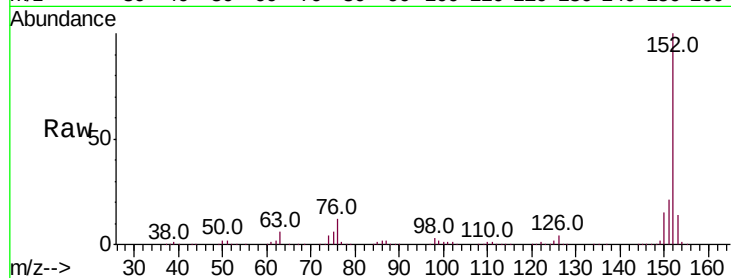
Tot Ion:152 Resp: 1586713

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

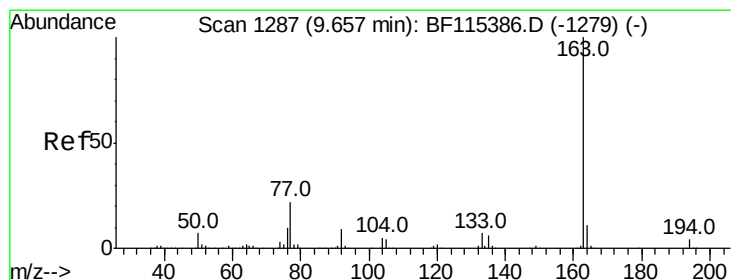
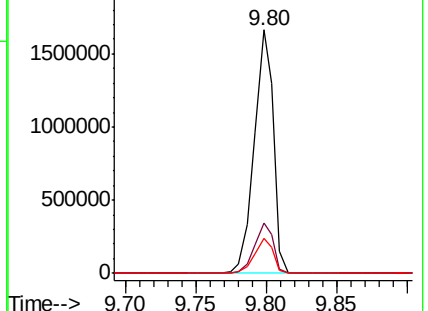
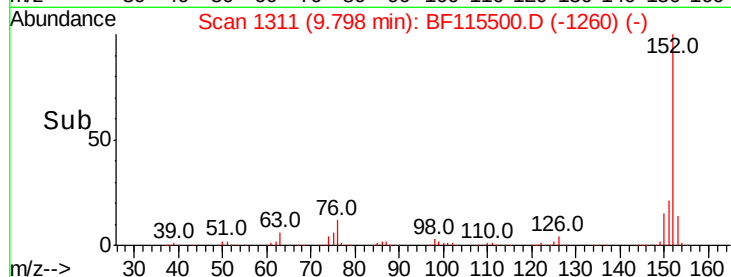
153 14.3 11.8 17.6



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: 38.882 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

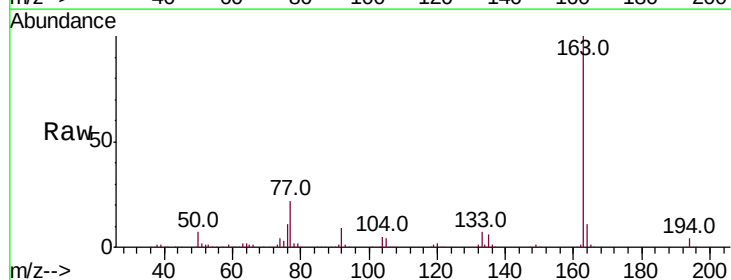
Tgt Ion:163 Resp: 1223844

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

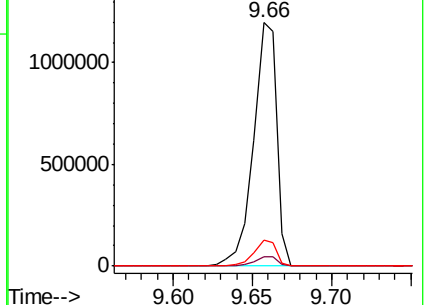
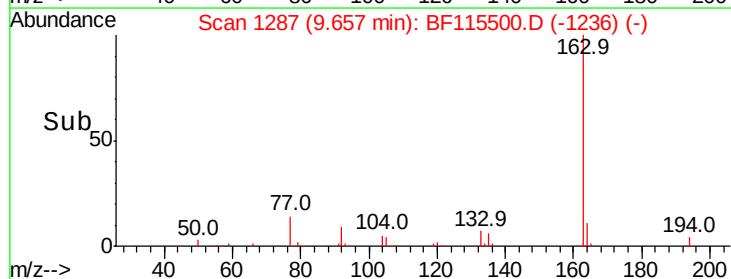
164 10.7 8.6 13.0

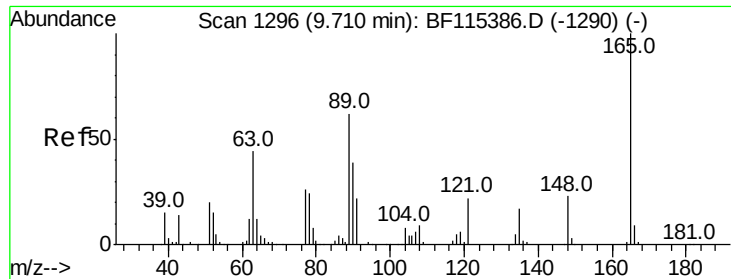


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

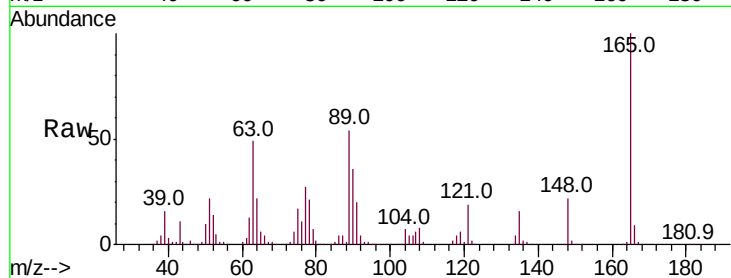




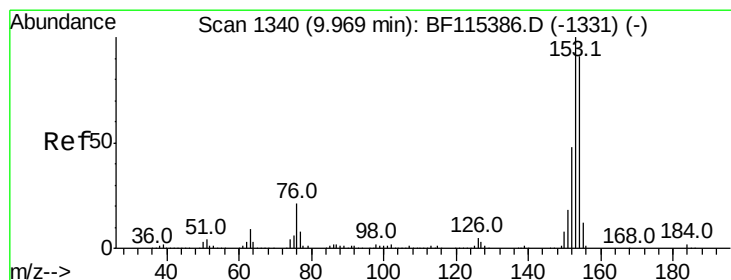
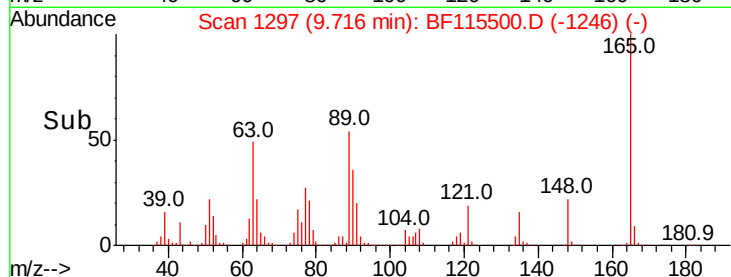
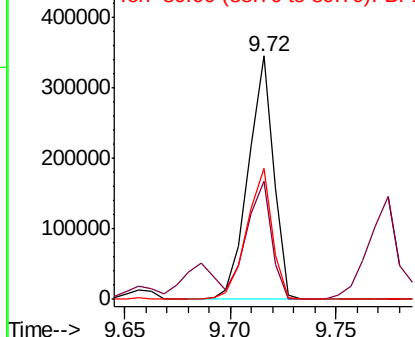
#51  
2,6-Dinitrotoluene  
Concen: 42.269 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:165 Resp: 288541  
Ion Ratio Lower Upper  
165 100  
63 48.7 39.7 59.5  
89 53.8 42.8 64.2

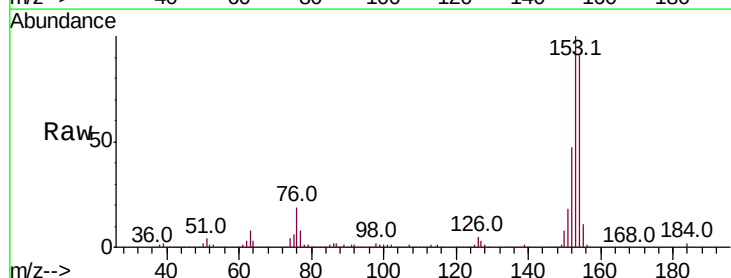


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

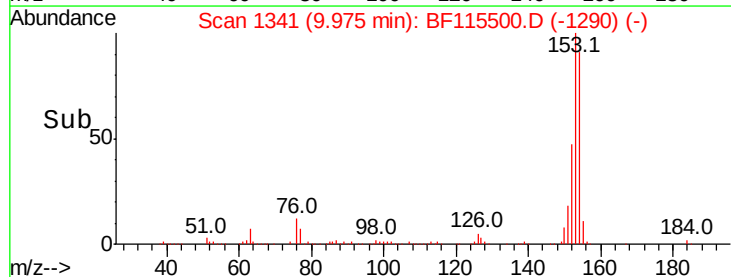
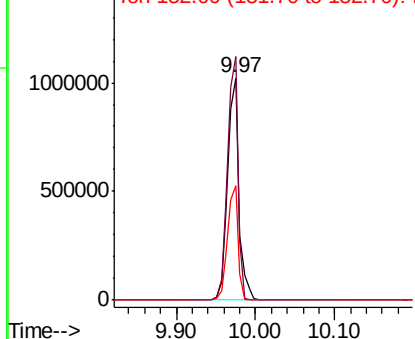


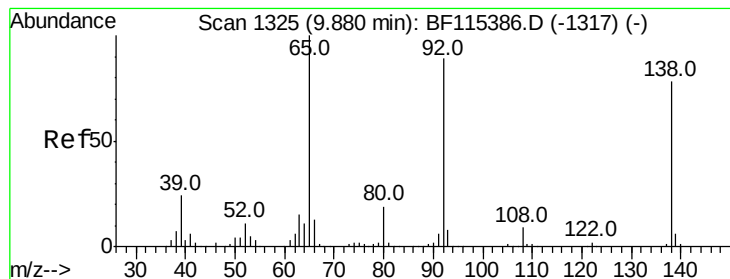
#52  
Acenaphthene  
Concen: 39.091 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Tgt Ion:154 Resp: 1014913  
Ion Ratio Lower Upper  
154 100  
153 109.7 89.8 134.8  
152 51.4 41.4 62.0



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





#53

3-Nitroaniline

Concen: 41.878 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

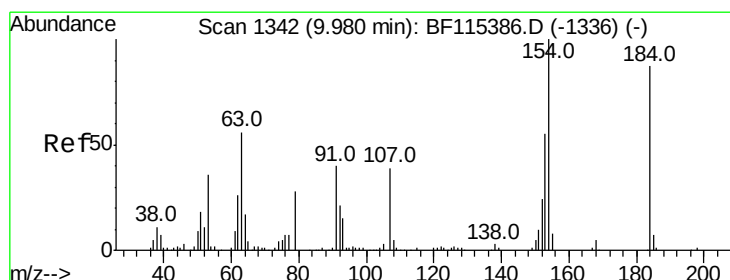
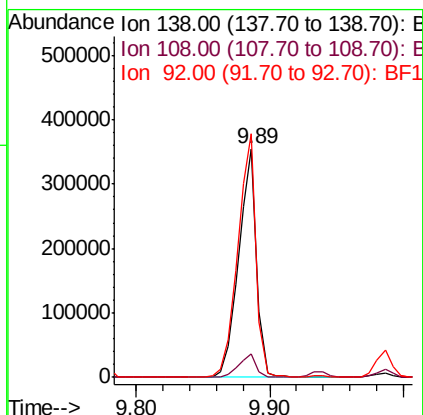
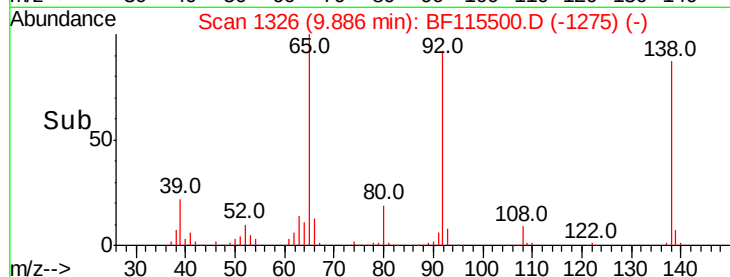
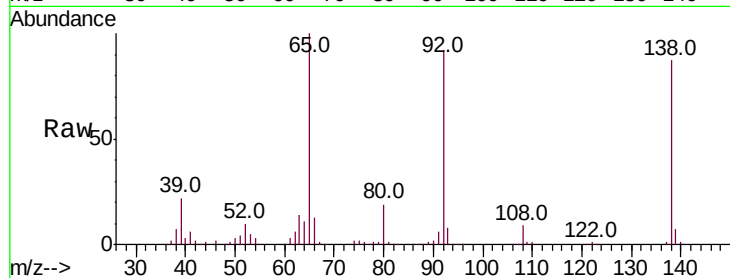
Tot Ion:138 Resp: 332027

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

92 106.6 86.1 129.1



#54

2,4-Dinitrophenol

Concen: 52.138 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

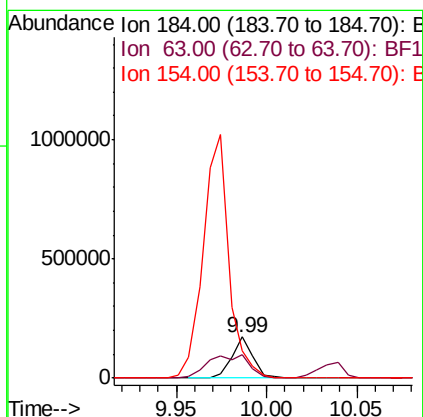
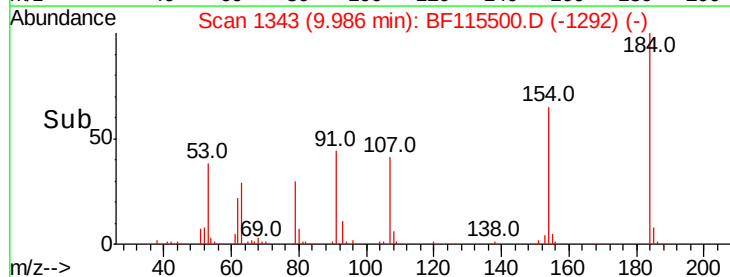
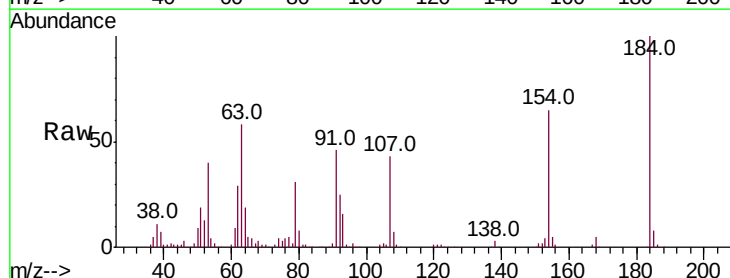
Tgt Ion:184 Resp: 142273

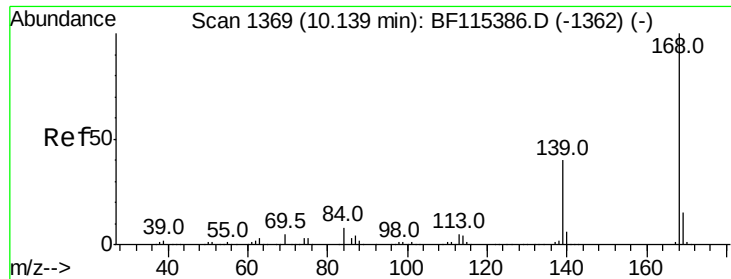
Ion Ratio Lower Upper

184 100

63 58.4 45.8 68.6

154 64.8 52.8 79.2

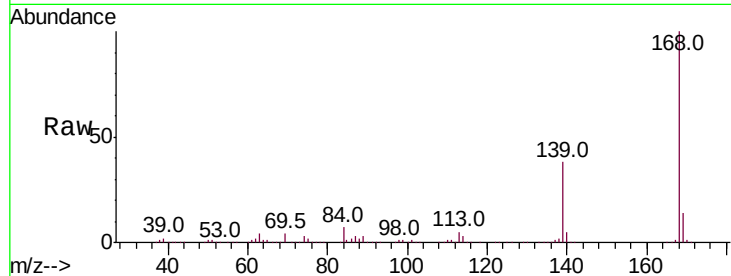




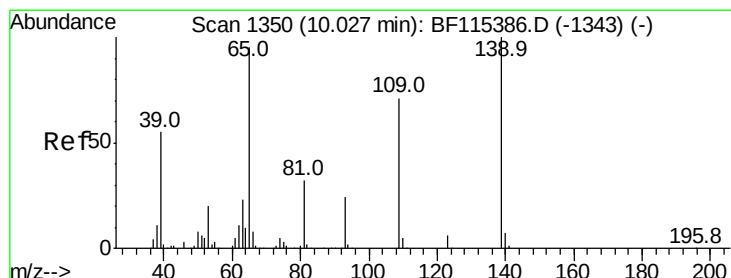
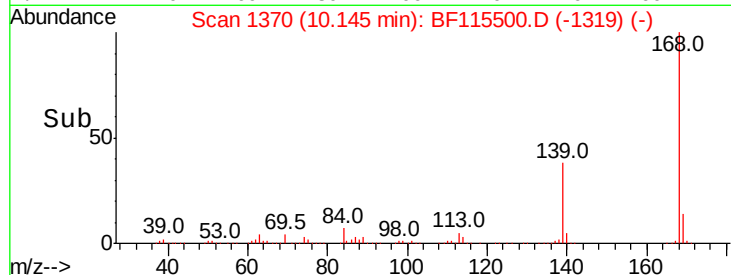
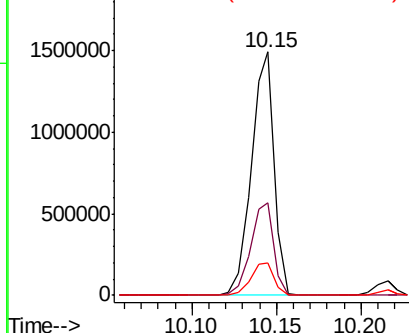
#55  
 Dibenzofuran  
 Concen: 38.303 ng  
 RT: 10.15 min Scan# 1370  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:168 Resp: 1400855  
 Ion Ratio Lower Upper  
 168 100  
 139 37.8 30.6 46.0  
 169 13.5 11.0 16.6

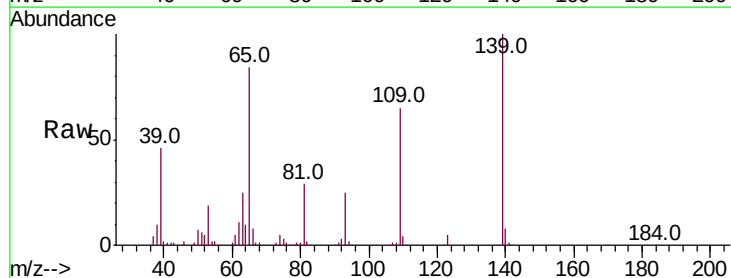


Abundance Ion 168.00 (167.70 to 168.70): E  
 Ion 139.00 (138.70 to 139.70): E  
 Ion 169.00 (168.70 to 169.70): E

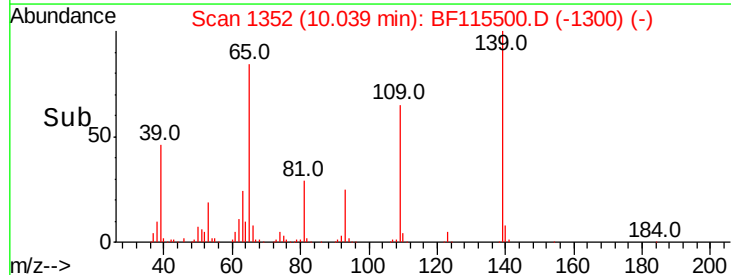
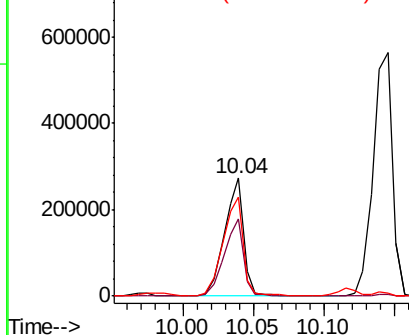


#56  
 4-Nitrophenol  
 Concen: 42.250 ng  
 RT: 10.04 min Scan# 1352  
 Delta R.T. 0.01 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

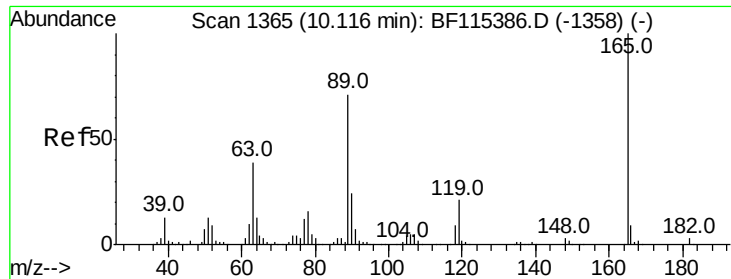
Tgt Ion:139 Resp: 259169  
 Ion Ratio Lower Upper  
 139 100  
 109 65.2 46.4 86.4  
 65 83.9 73.4 113.4



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







#57

2,4-Dinitrotoluene

Concen: 43.933 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:165 Resp: 381141

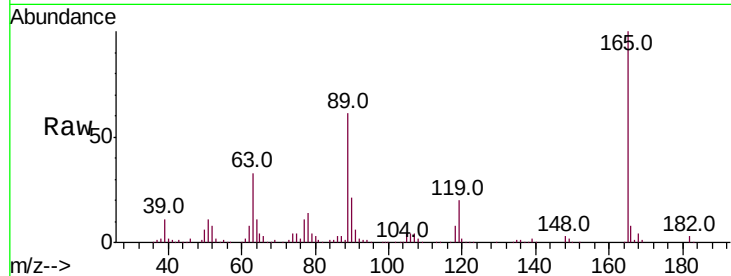
Ion Ratio Lower Upper

165 100

63 32.7 33.0 49.4#

89 61.3 58.5 87.7

182 2.7 2.1 3.1

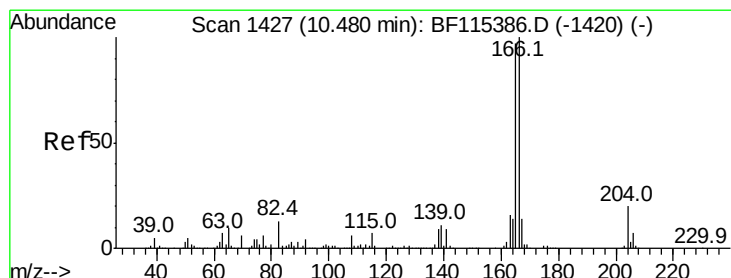
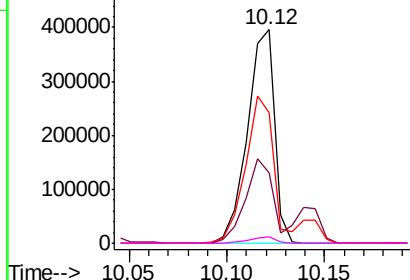
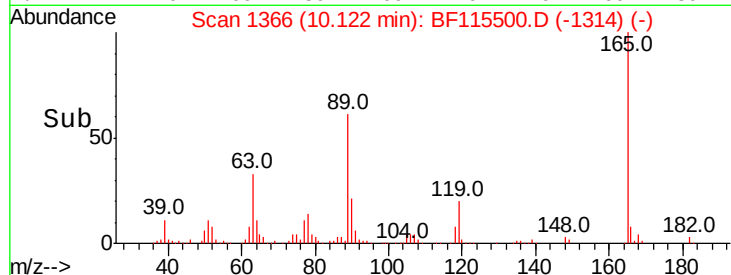


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 35.615 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

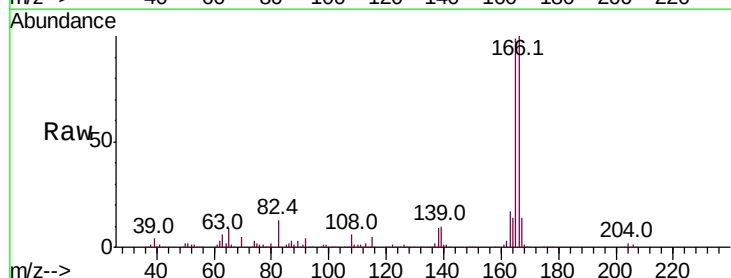
Tgt Ion:166 Resp: 1026813

Ion Ratio Lower Upper

166 100

165 99.4 78.7 118.1

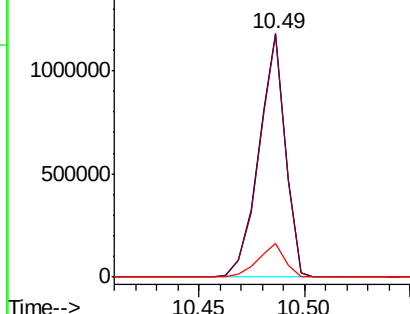
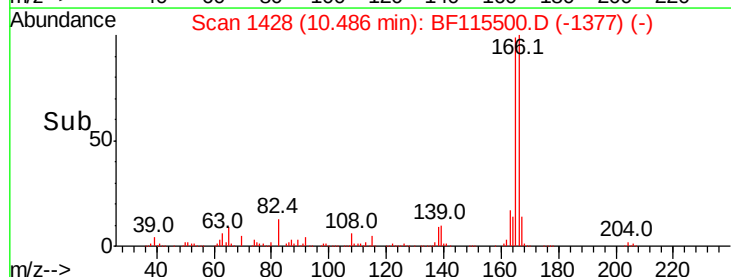
167 13.7 10.8 16.2

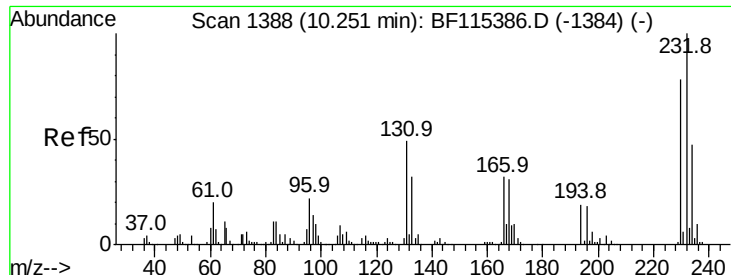


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

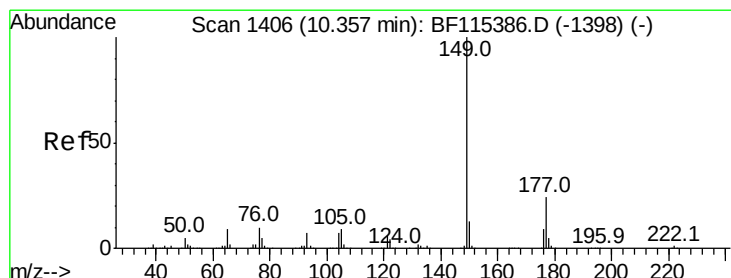
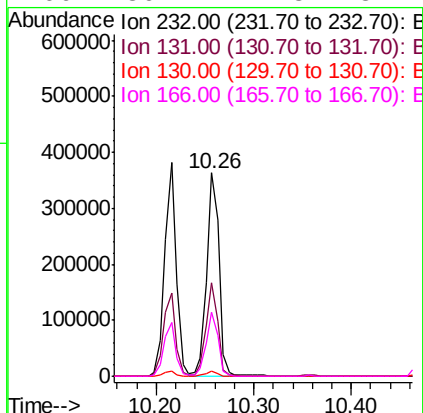
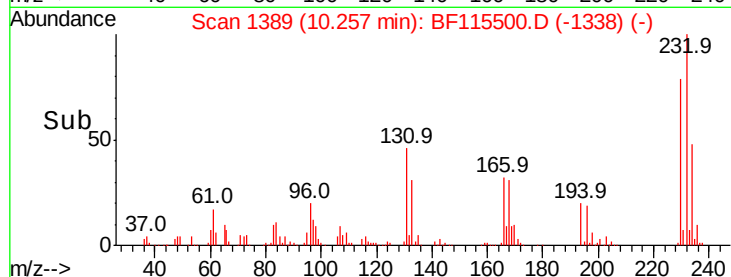
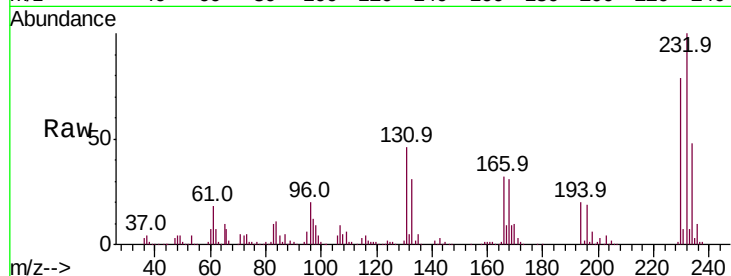




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.743 ng  
 RT: 10.26 min Scan# 1389  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

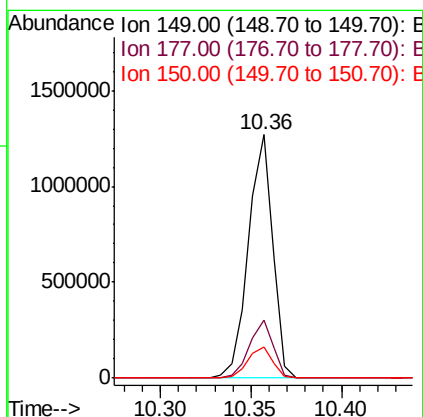
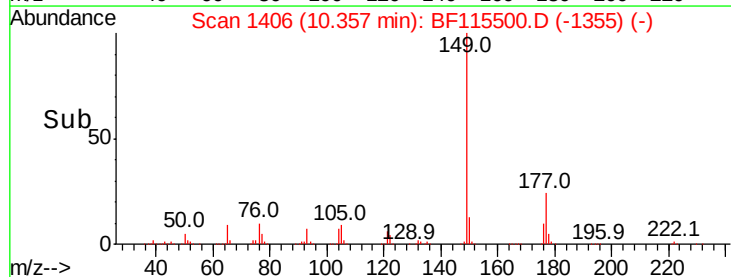
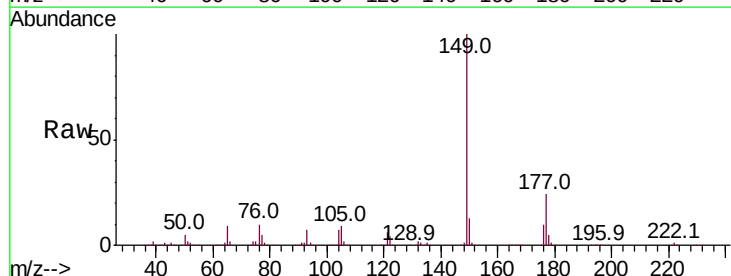
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

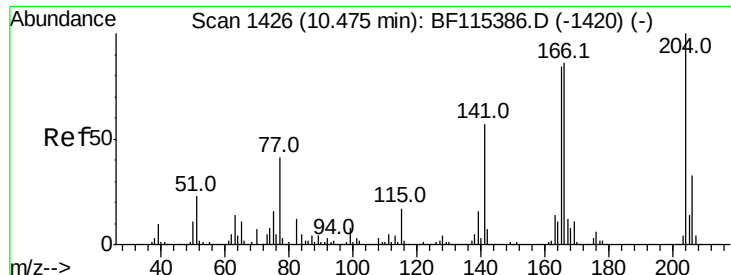
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 43.7  | 35.4  | 53.0  |
| 130     | 2.2   | 1.7   | 2.5   |
| 166     | 30.4  | 24.8  | 37.2  |



#60  
 Diethylphthalate  
 Concen: 38.223 ng  
 RT: 10.36 min Scan# 1406  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.8  | 19.0  | 28.4  |
| 150     | 12.8  | 10.4  | 15.6  |

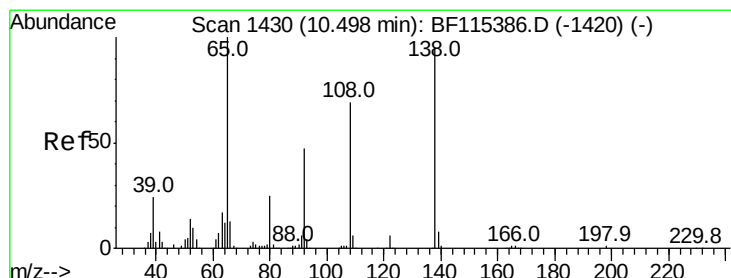
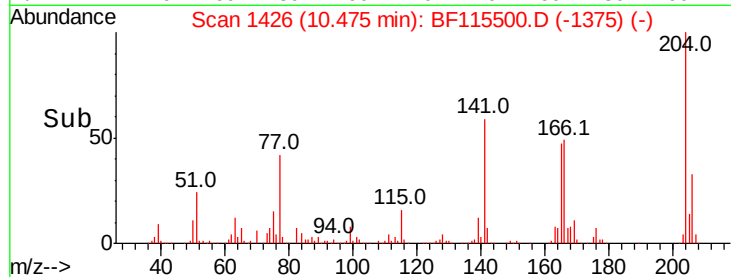
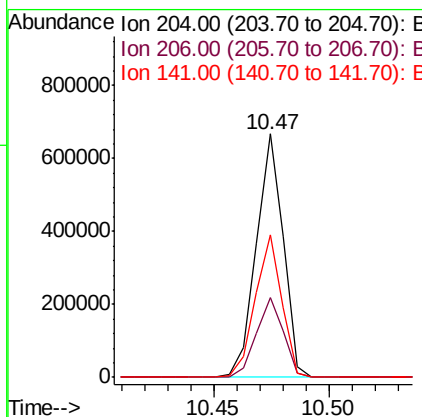
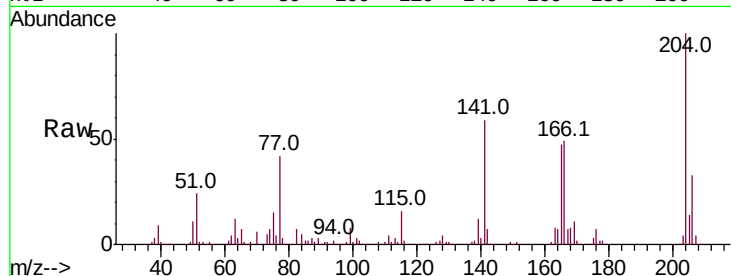




#61  
 4-Chlorophenyl-phenylether  
 Concen: 38.606 ng  
 RT: 10.47 min Scan# 1426  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

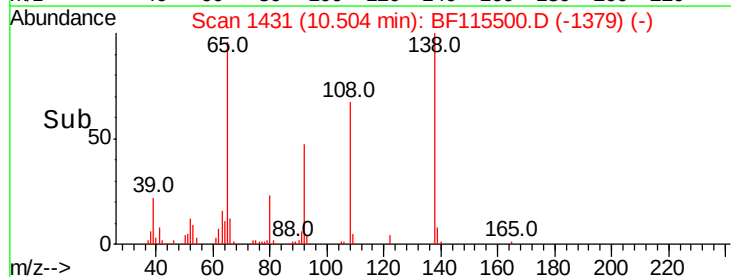
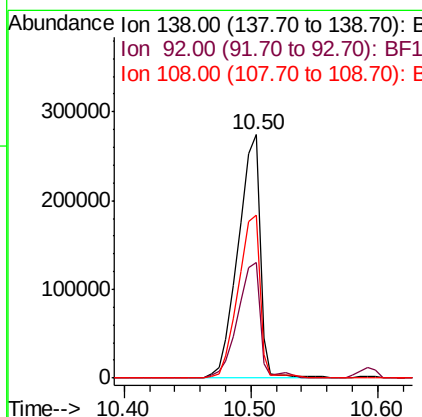
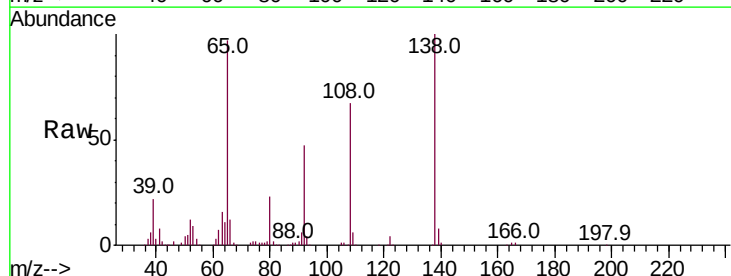
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

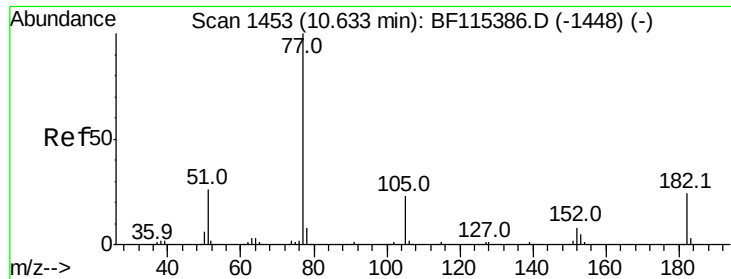
| Tot Ion: | 204   | Resp: | 543253 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 32.9  | 26.8  | 40.2   |
| 141      | 58.5  | 47.9  | 71.9   |



#62  
 4-Nitroaniline  
 Concen: 42.350 ng  
 RT: 10.50 min Scan# 1431  
 Delta R.T. 0.01 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

| Tgt Ion: | 138   | Resp: | 329583 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 47.2  | 29.9  | 69.9   |
| 108      | 67.0  | 49.0  | 89.0   |





#63

Azobenzene

Concen: 35.936 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 1147672

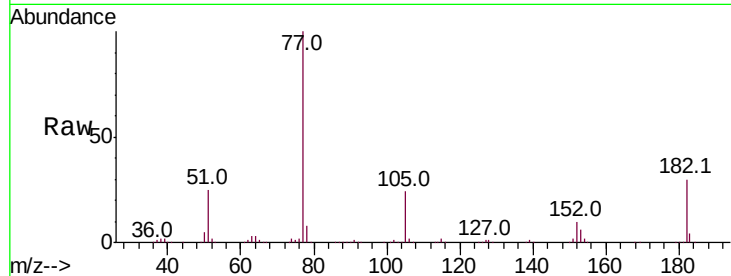
Ion Ratio Lower Upper

77 100

182 29.8 7.7 47.7

105 24.2 3.6 43.6

51 25.3 4.8 44.8

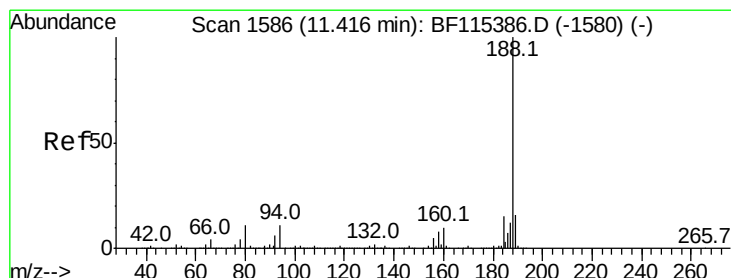
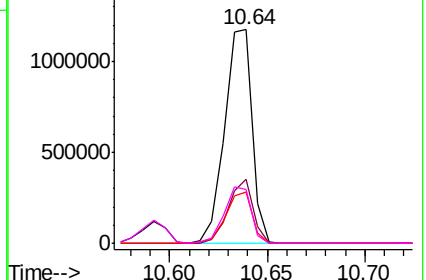
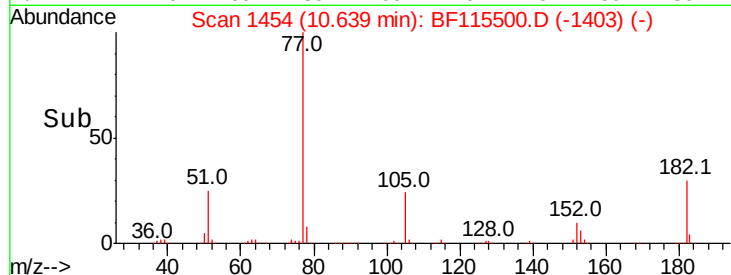


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

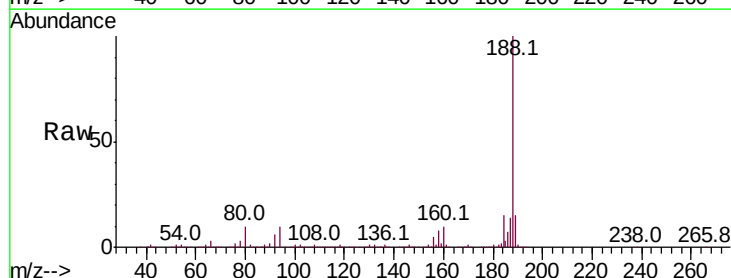
Tgt Ion: 188 Resp: 822147

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.8

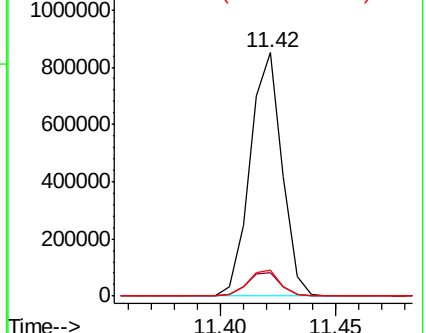
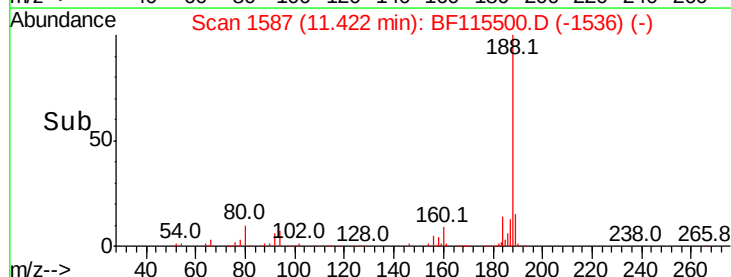
80 10.5 8.4 12.6

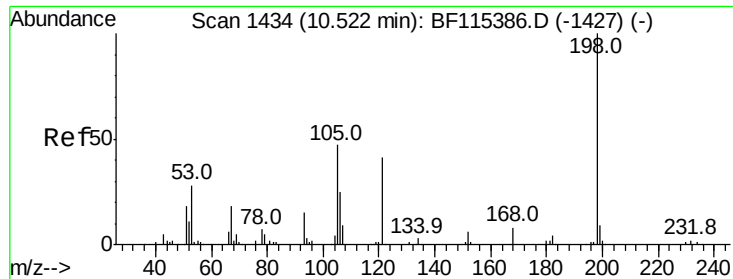


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

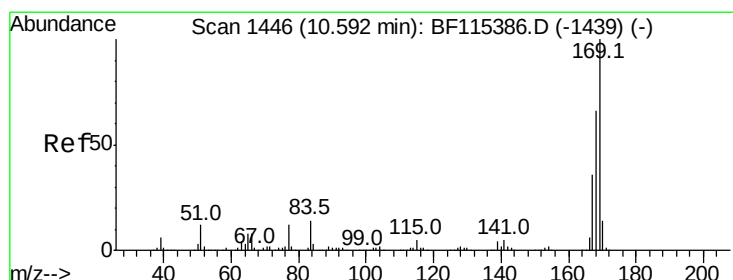
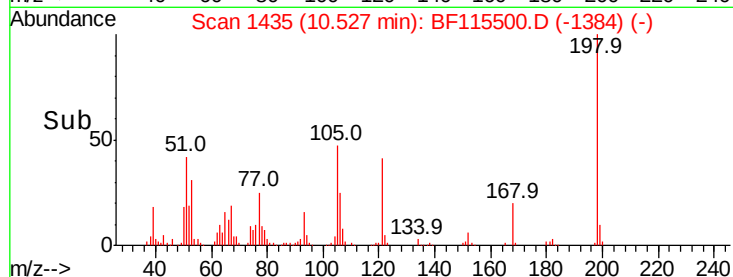
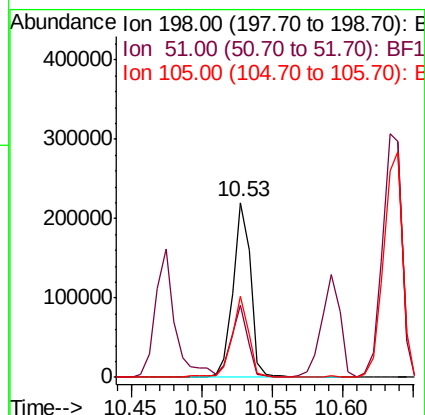
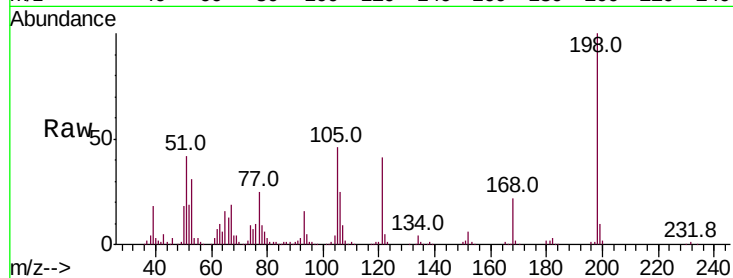




#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.675 ng  
RT: 10.53 min Scan# 1435  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

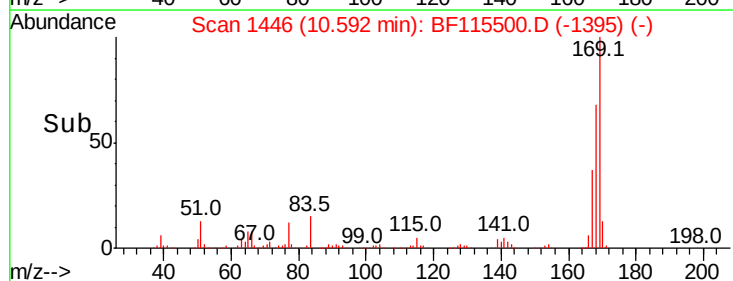
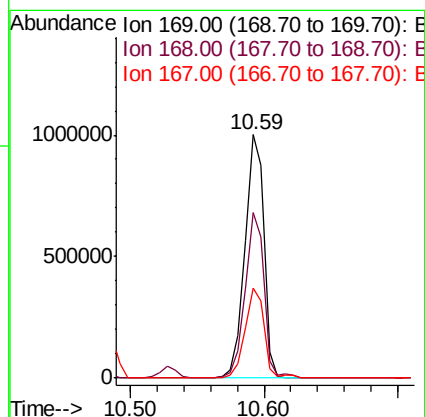
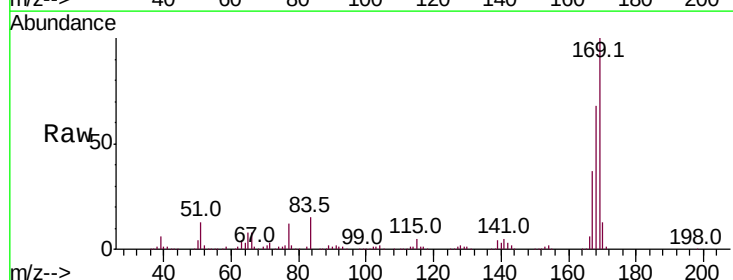
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

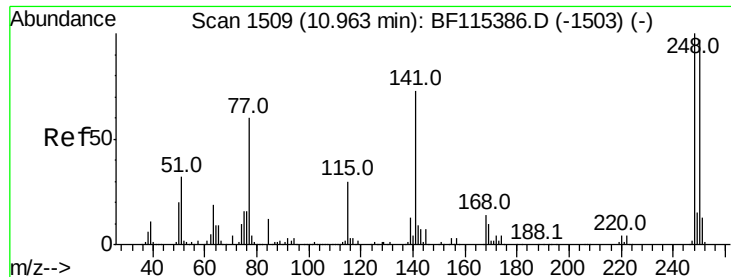
Tot Ion:198 Resp: 192126  
Ion Ratio Lower Upper  
198 100  
51 41.6 20.7 60.7  
105 46.4 25.3 65.3



#66  
n-Nitrosodiphenylamine  
Concen: 37.801 ng  
RT: 10.59 min Scan# 1446  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Tgt Ion:169 Resp: 979210  
Ion Ratio Lower Upper  
169 100  
168 67.9 53.2 79.8  
167 37.1 29.4 44.2

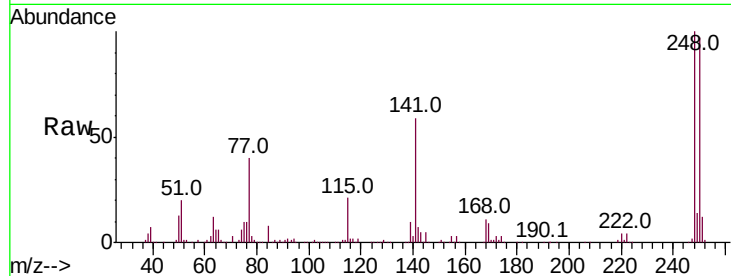




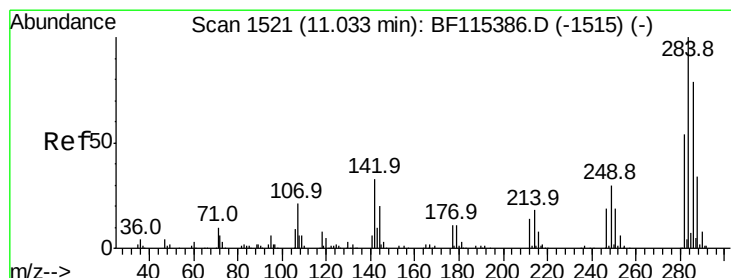
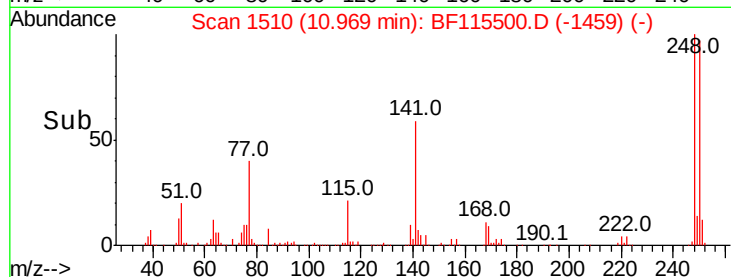
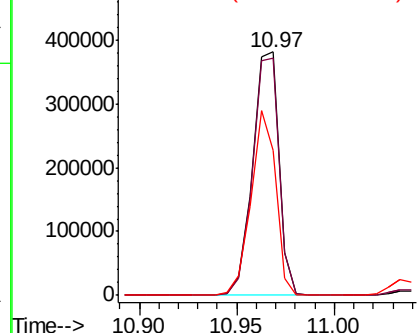
#67  
4-Bromophenyl-phenylether  
Concen: 38.800 ng  
RT: 10.97 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:248 Resp: 357933  
Ion Ratio Lower Upper  
248 100  
250 97.5 78.3 117.5  
141 59.5 52.2 78.2

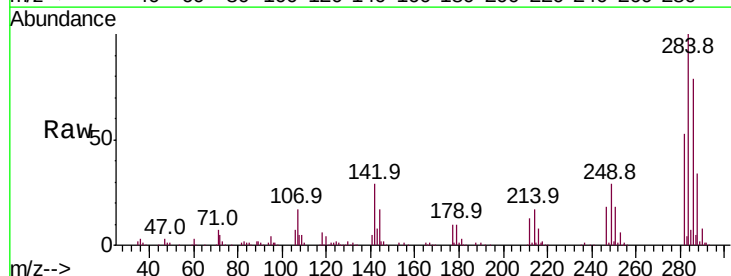


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

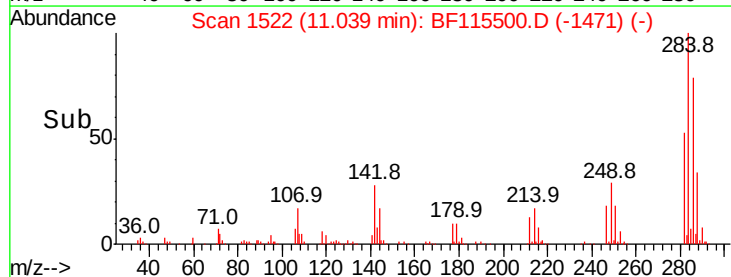
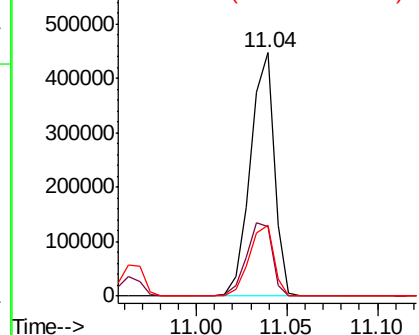


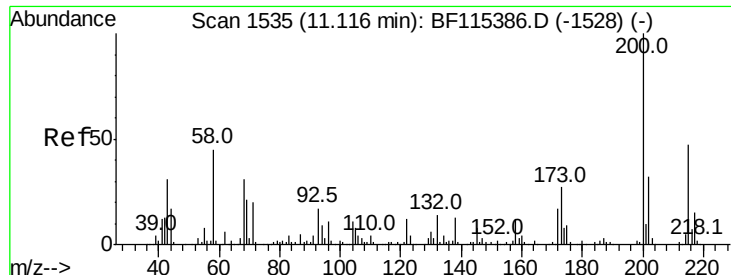
#68  
Hexachlorobenzene  
Concen: 39.613 ng  
RT: 11.04 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Tgt Ion:284 Resp: 410061  
Ion Ratio Lower Upper  
284 100  
142 28.6 23.9 35.9  
249 29.0 23.6 35.4



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: 40.841 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

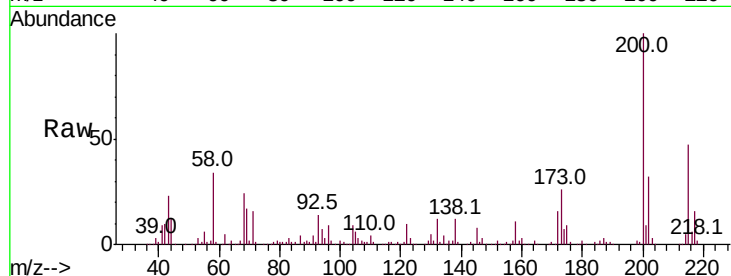
Tot Ion:200 Resp: 327419

Ion Ratio Lower Upper

200 100

173 26.0 7.0 47.0

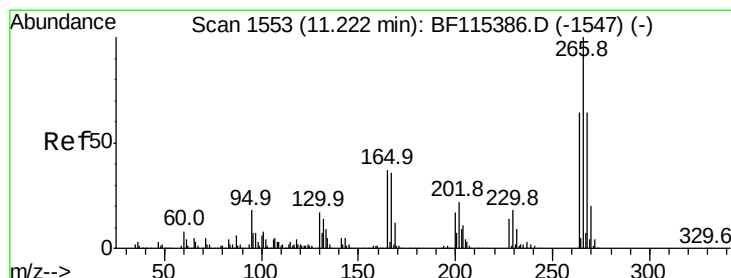
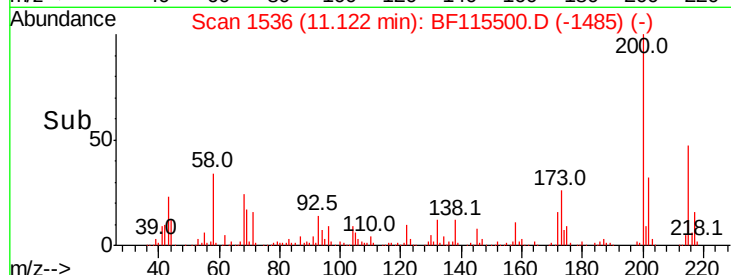
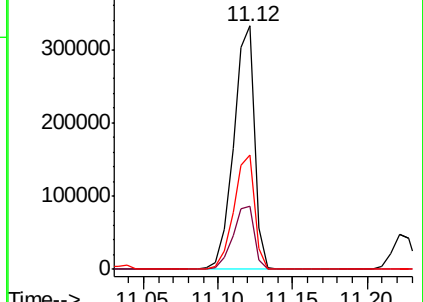
215 47.0 27.8 67.8



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: 41.176 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

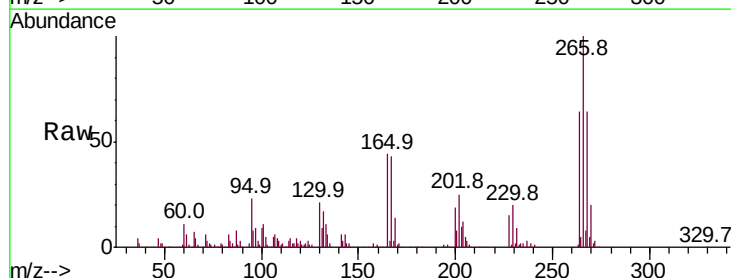
Tgt Ion:266 Resp: 259764

Ion Ratio Lower Upper

266 100

268 64.2 51.2 76.8

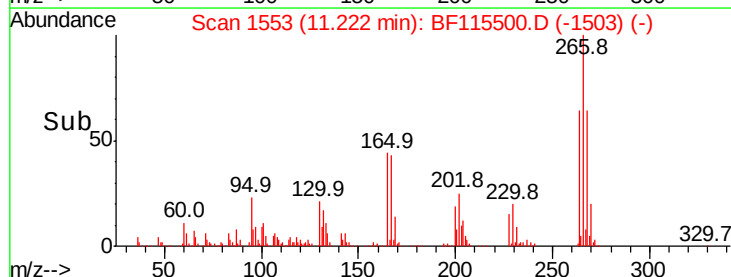
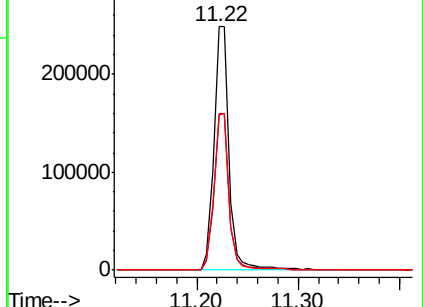
264 63.9 50.6 75.8

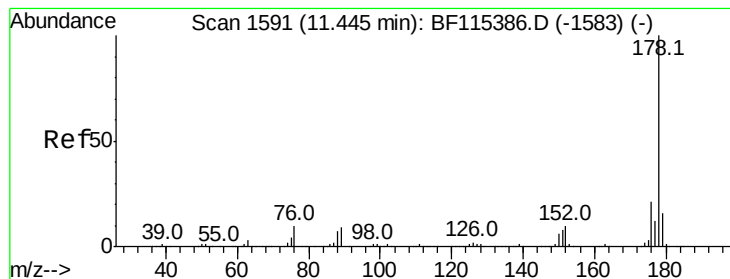


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.372 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

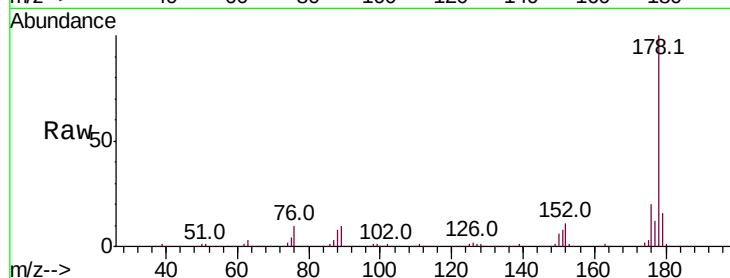
BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 1615895

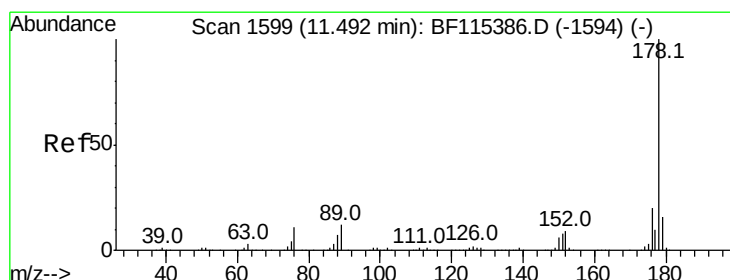
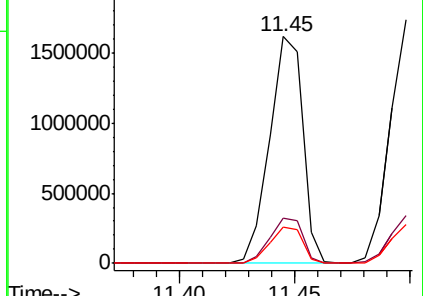
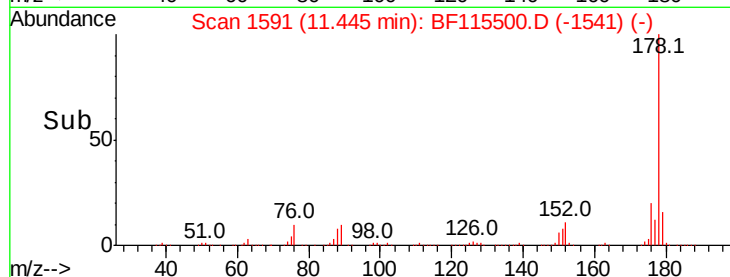
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.2  | 16.6  | 24.8  |
| 179 | 16.3  | 12.7  | 19.1  |



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: 38.117 ng

RT: 11.50 min Scan# 1600

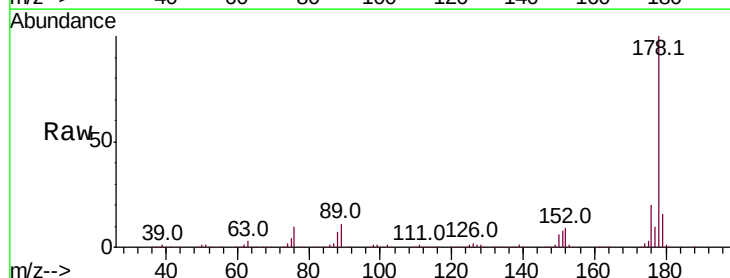
Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Tgt Ion:178 Resp: 1652695

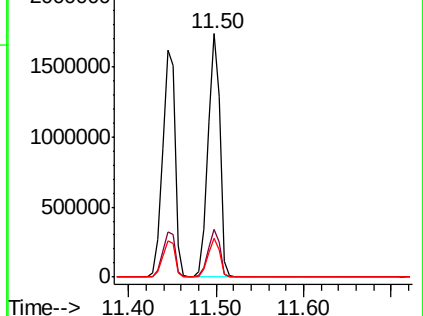
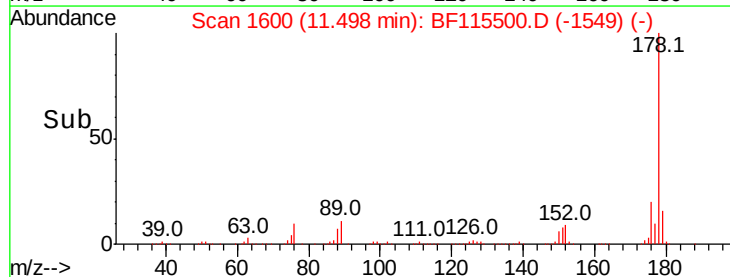
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.7  | 15.8  | 23.6  |
| 179 | 16.1  | 13.0  | 19.6  |



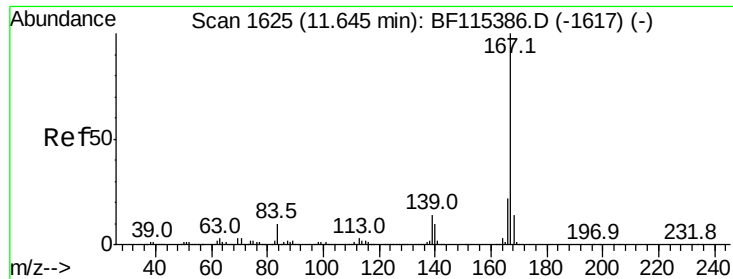
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





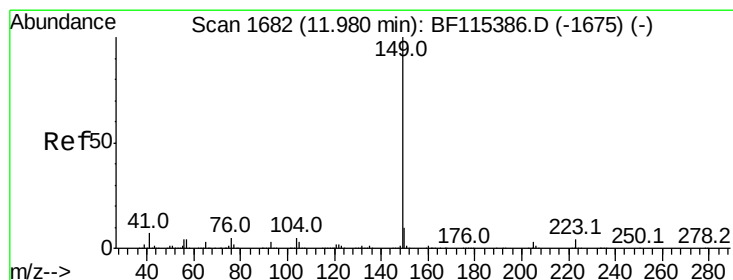
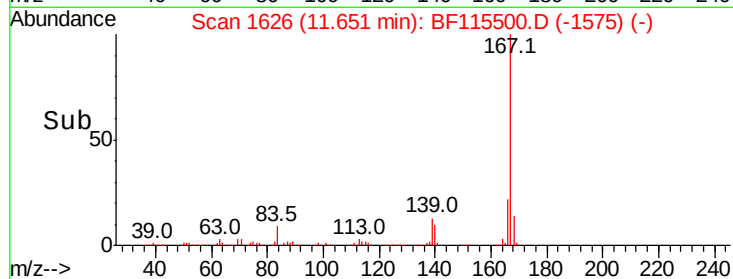
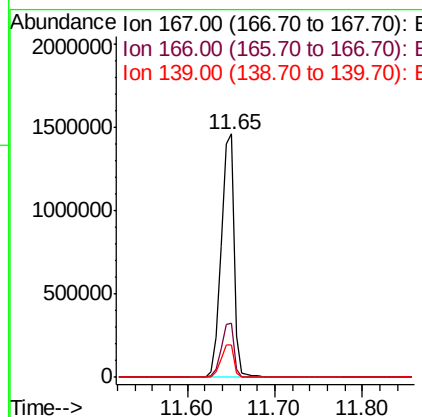
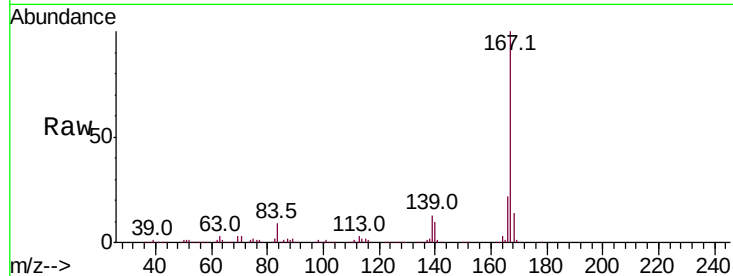


#73  
 Carbazole  
 Concen: 37.863 ng  
 RT: 11.65 min Scan# 1626  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:167 Resp: 1501892  

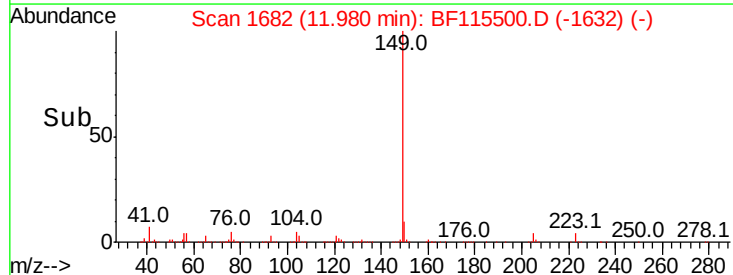
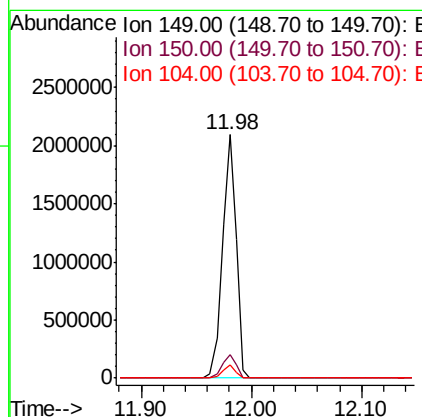
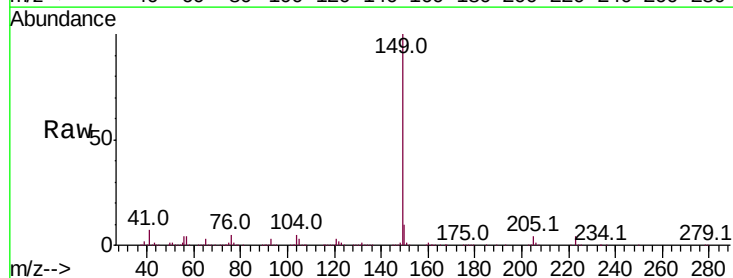
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.3  | 17.8  | 26.8  |
| 139 | 13.2  | 10.9  | 16.3  |

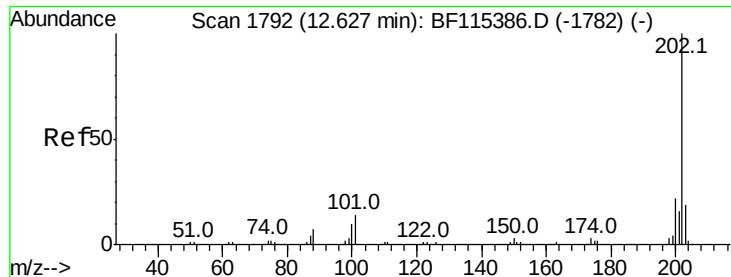


#74  
 Di-n-butylphthalate  
 Concen: 37.332 ng  
 RT: 11.98 min Scan# 1682  
 Delta R.T. -0.01 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

Tgt Ion:149 Resp: 1789640  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.8   | 7.6   | 11.4  |
| 104 | 5.3   | 3.9   | 5.9   |

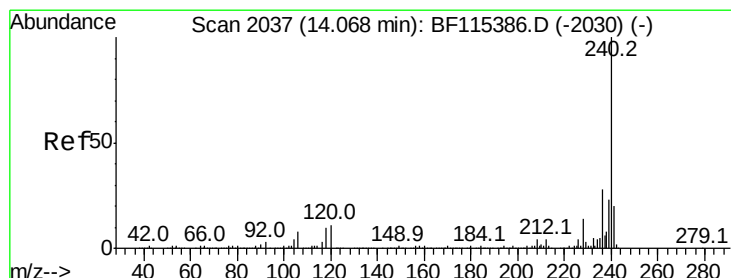
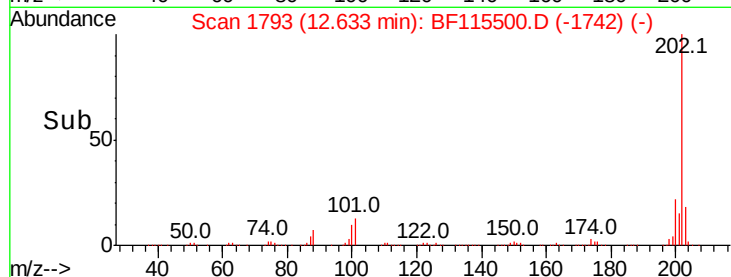
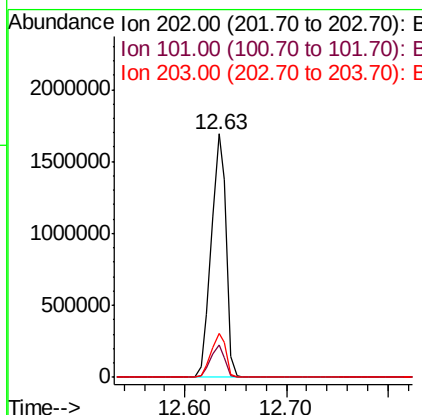
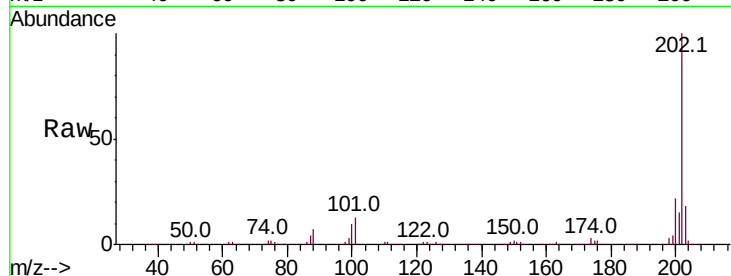




#75  
Fluoranthene  
Concen: 37.672 ng  
RT: 12.63 min Scan# 1793  
Delta R.T. 0.00 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

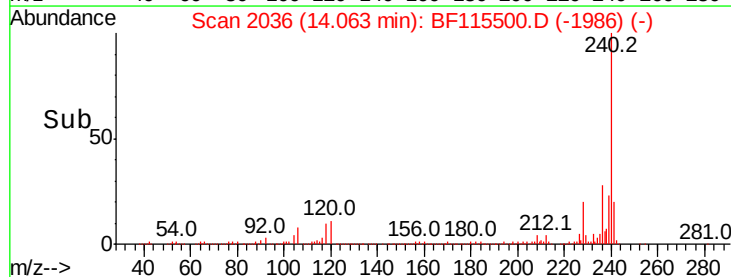
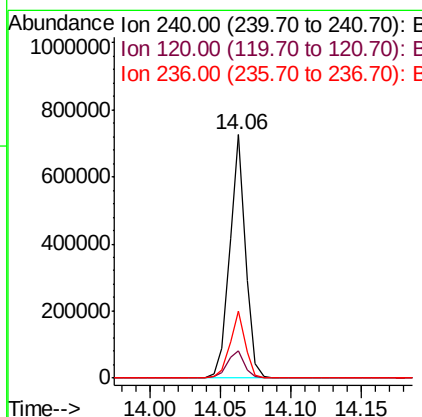
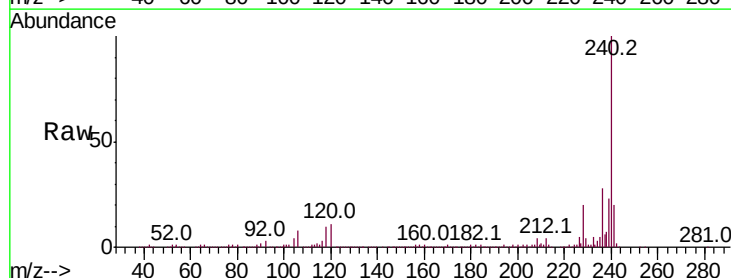
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

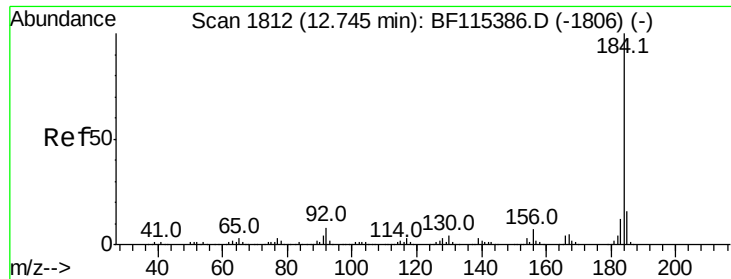
Tot Ion:202 Resp: 1715099  
Ion Ratio Lower Upper  
202 100  
101 13.1 0.0 33.9  
203 18.3 0.0 38.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.06 min Scan# 2036  
Delta R.T. -0.01 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Tgt Ion:240 Resp: 562871  
Ion Ratio Lower Upper  
240 100  
120 11.5 10.2 15.4  
236 27.7 21.1 31.7





#77

Benzidine

Concen: 35.802 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

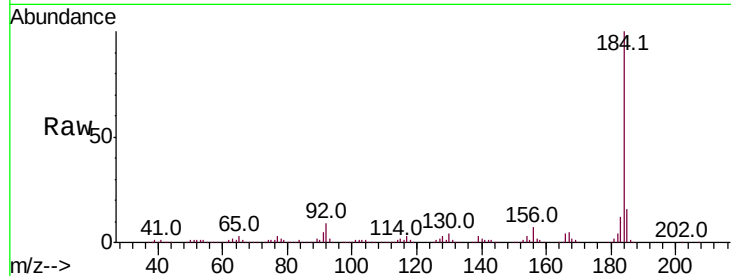
Tot Ion:184 Resp: 785843

Ion Ratio Lower Upper

184 100

185 15.6 13.0 19.6

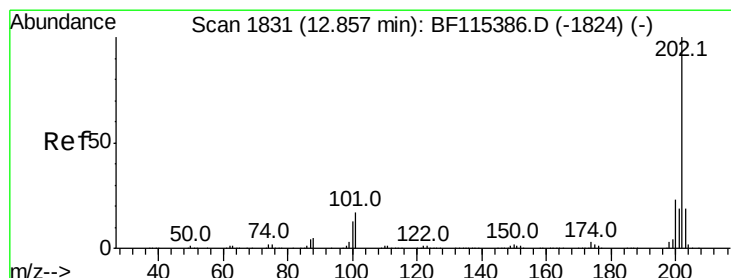
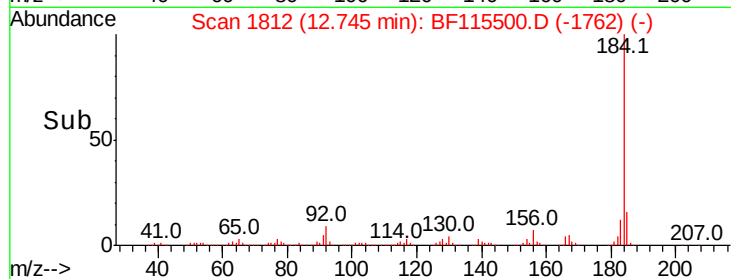
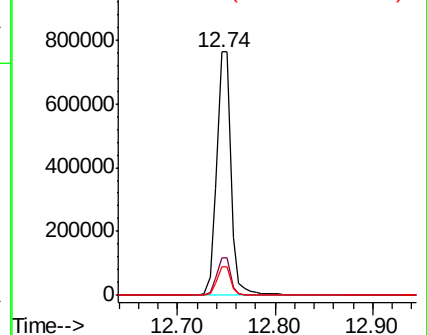
183 11.7 9.7 14.5



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: 39.671 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

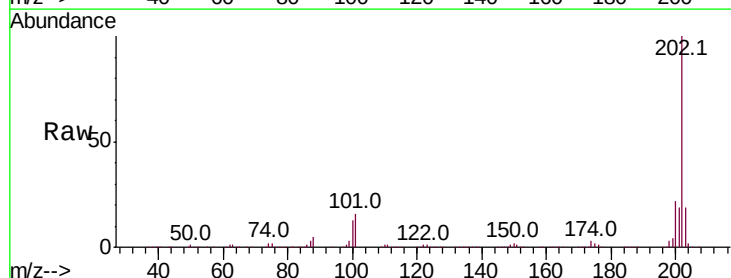
Tgt Ion:202 Resp: 1736465

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

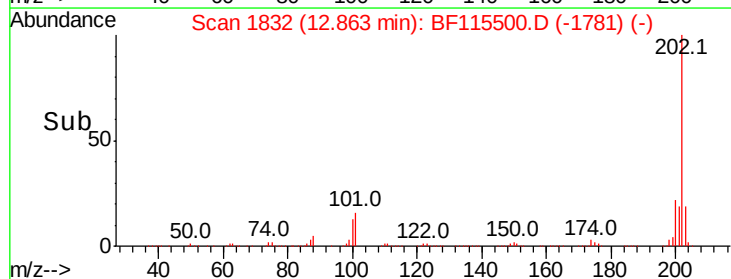
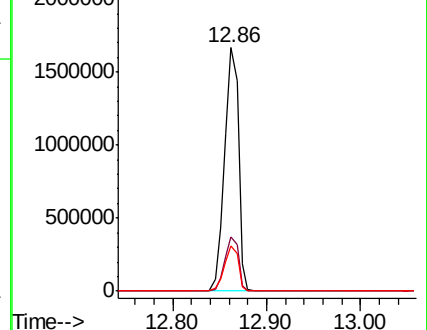
203 18.6 14.7 22.1

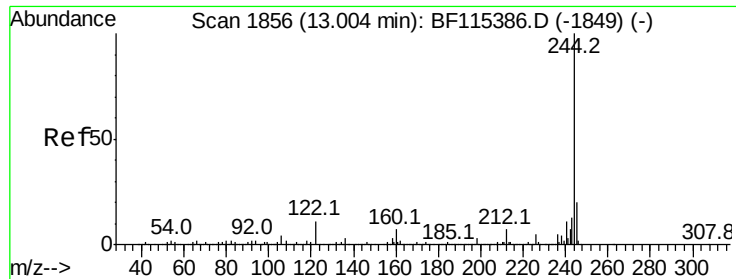


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



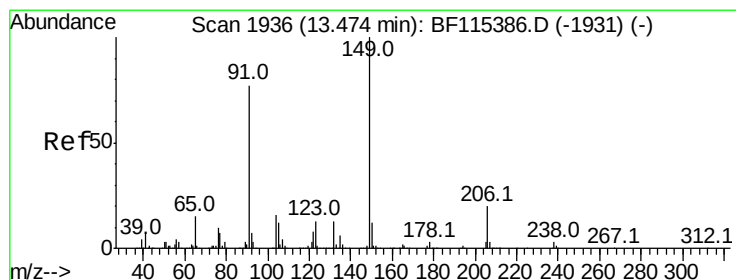
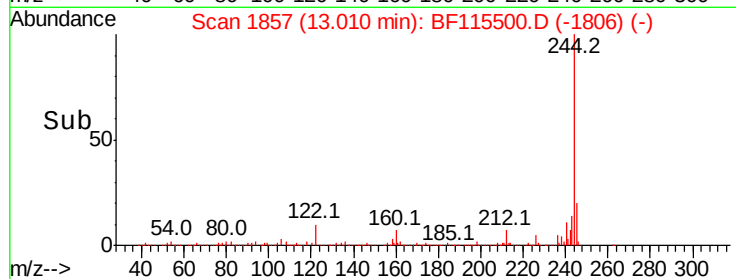
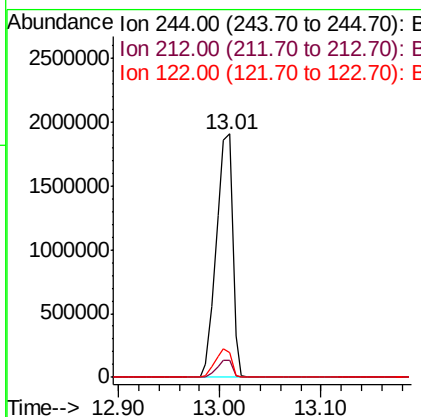
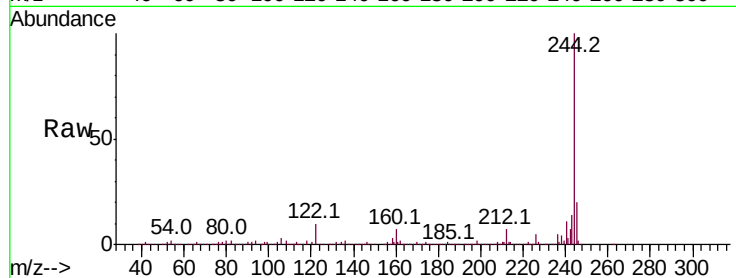


#79  
 Terphenyl-d14  
 Concen: 78.060 ng  
 RT: 13.01 min Scan# 1857  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:244 Resp: 2145923  

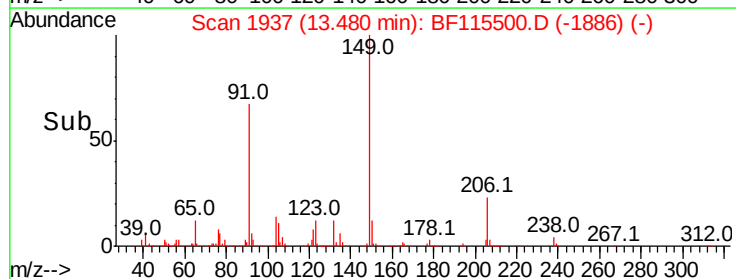
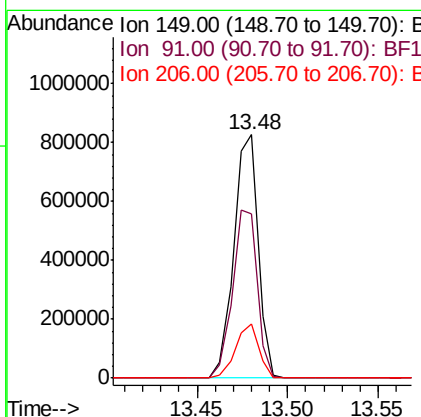
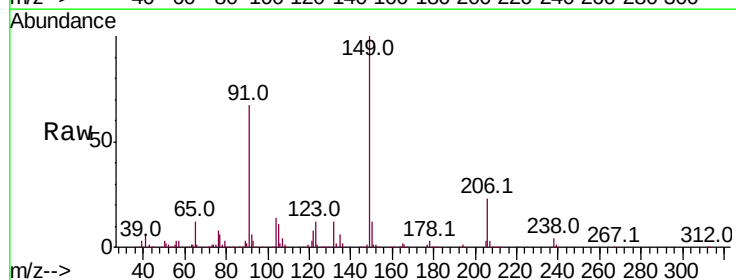
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.0   | 5.7   | 8.5   |
| 122 | 10.2  | 9.1   | 13.7  |

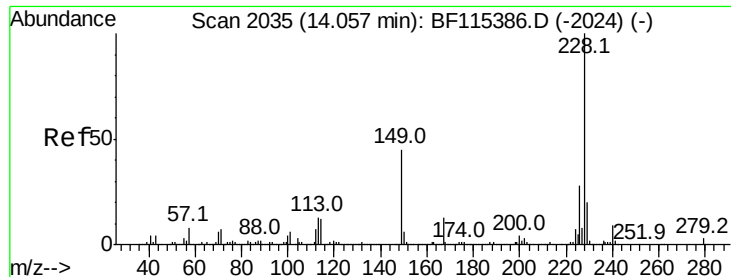


#80  
 Butylbenzylphthalate  
 Concen: 40.339 ng  
 RT: 13.48 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: BF115500.D  
 Acq: 11 Jul 2019 17:35

Tgt Ion:149 Resp: 771480  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 67.2  | 57.8  | 86.6  |
| 206 | 22.5  | 16.9  | 25.3  |





#81

Benzo(a)anthracene

Concen: 39.804 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1435540

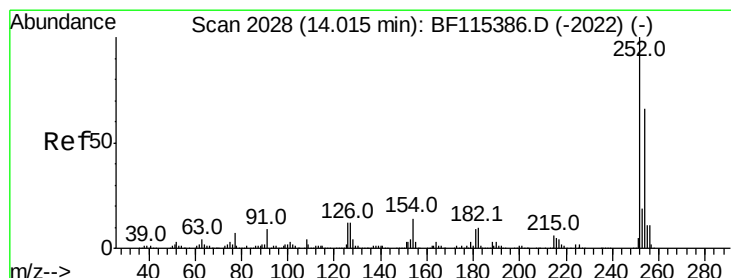
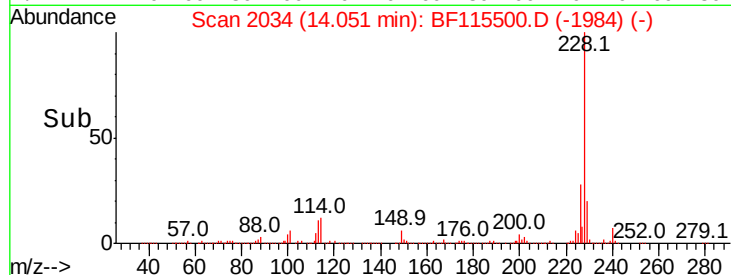
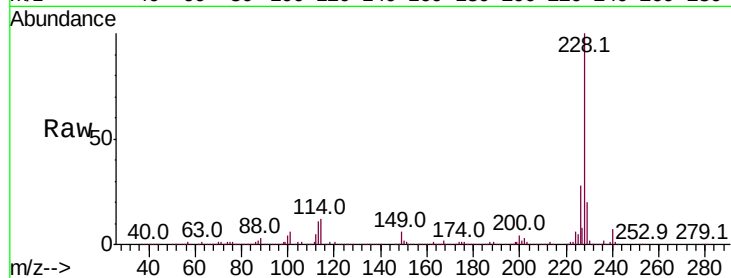
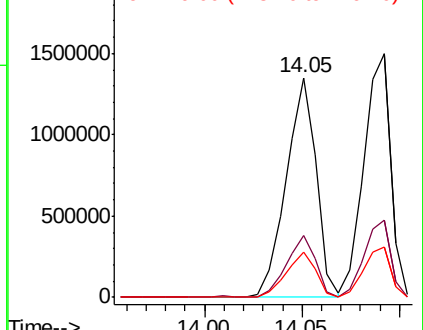
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.0  | 22.6  | 34.0  |
| 229 | 20.4  | 16.4  | 24.6  |

Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.429 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Tgt Ion:252 Resp: 529071

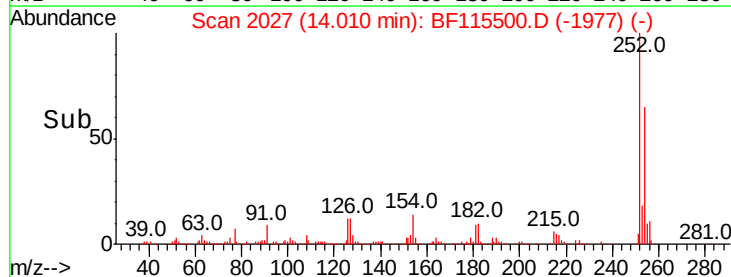
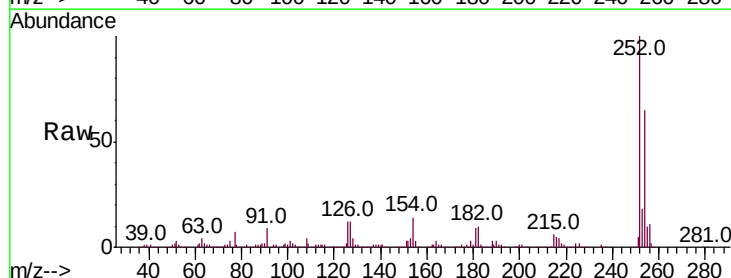
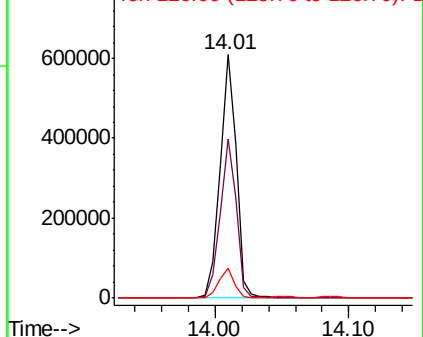
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.5  | 52.9  | 79.3  |
| 126 | 12.0  | 10.0  | 15.0  |

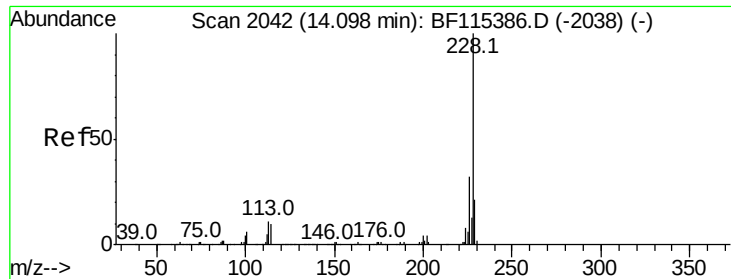
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

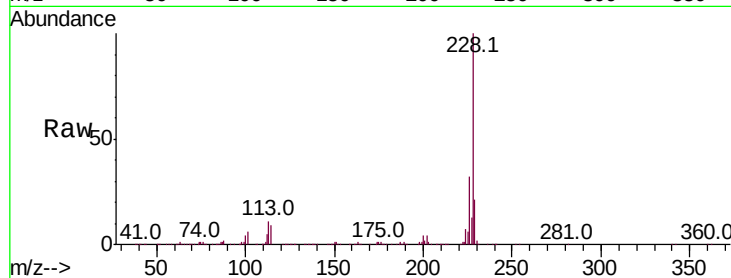




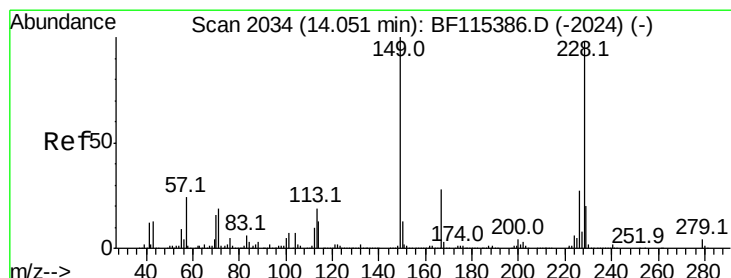
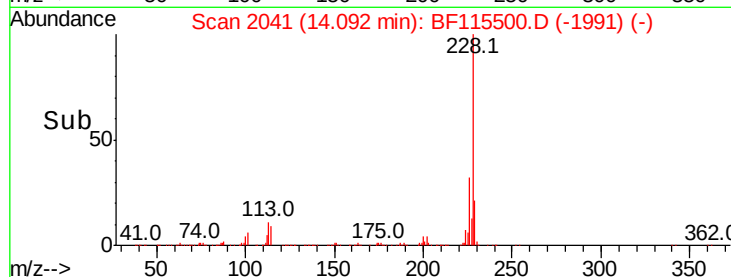
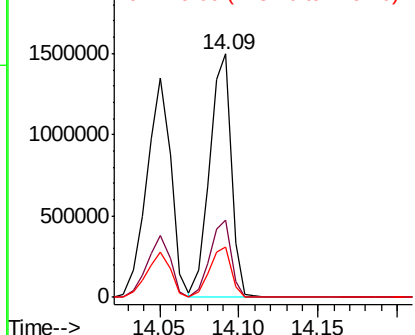
#83  
Chrysene  
Concen: 38.657 ng  
RT: 14.09 min Scan# 2041  
Delta R.T. -0.01 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:228 Resp: 1432467  
Ion Ratio Lower Upper  
228 100  
226 32.0 25.1 37.7  
229 20.5 16.1 24.1

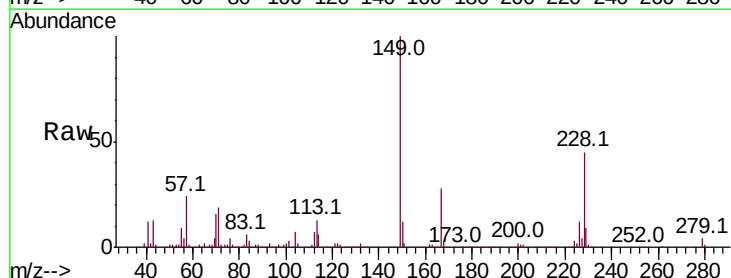


Abundance Ion 228.00 (227.70 to 228.70): E  
2000000 Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

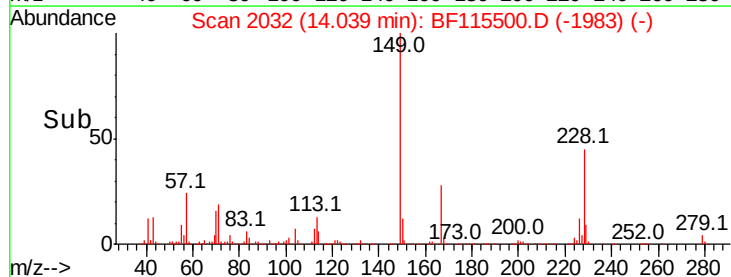
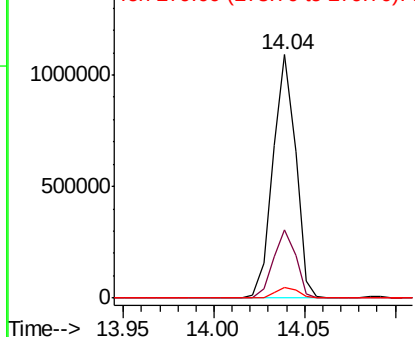


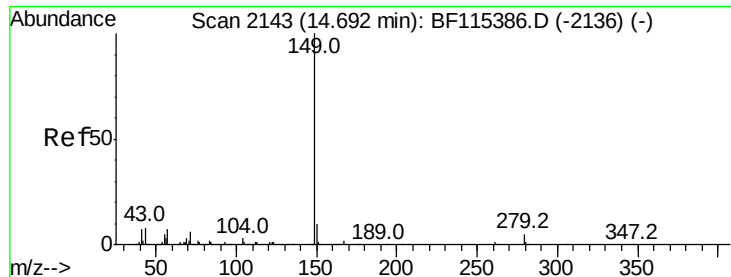
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.143 ng  
RT: 14.04 min Scan# 2032  
Delta R.T. -0.01 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Tgt Ion:149 Resp: 950747  
Ion Ratio Lower Upper  
149 100  
167 27.8 22.6 34.0  
279 4.4 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E  
1500000 Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.616 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.03 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

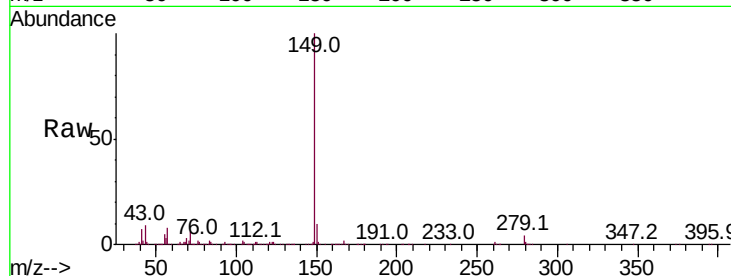
Tot Ion:149 Resp: 1628170

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

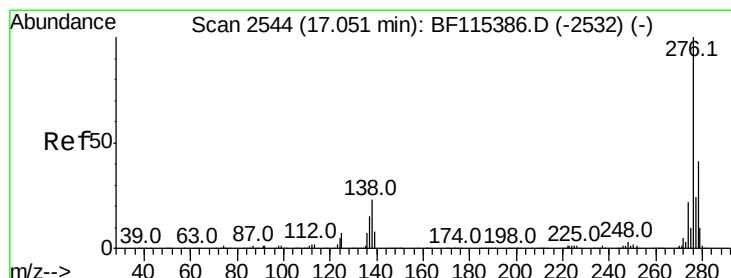
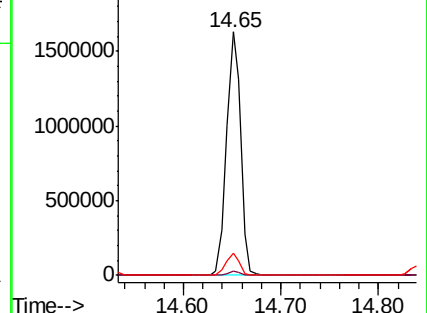
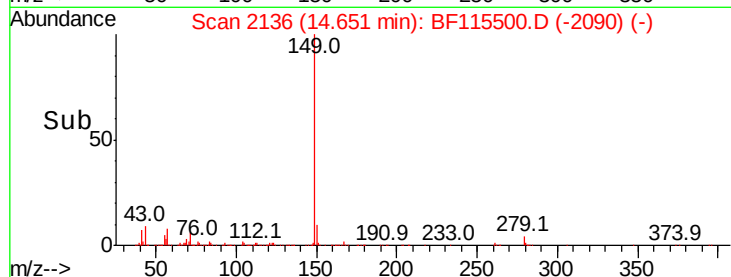
43 8.5 7.0 10.6



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: 42.067 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.03 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

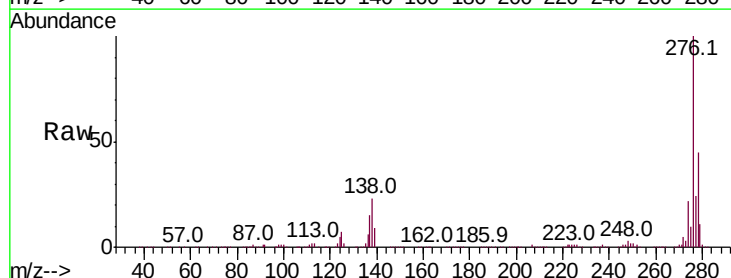
Tgt Ion:276 Resp: 1288382

Ion Ratio Lower Upper

276 100

138 25.1 20.6 31.0

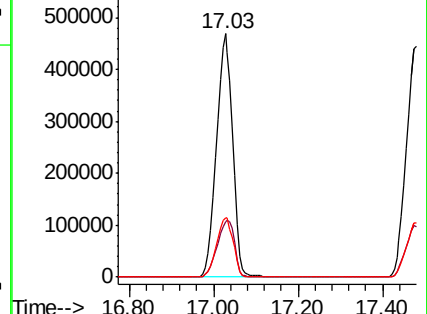
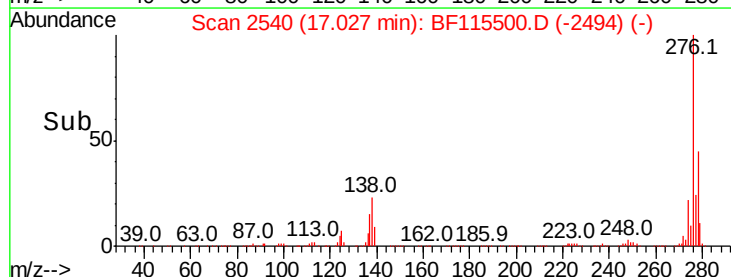
277 25.2 20.2 30.2

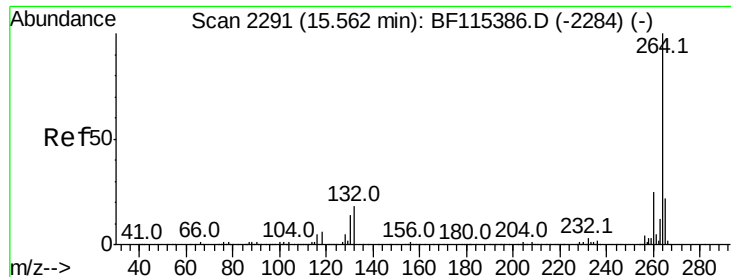


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



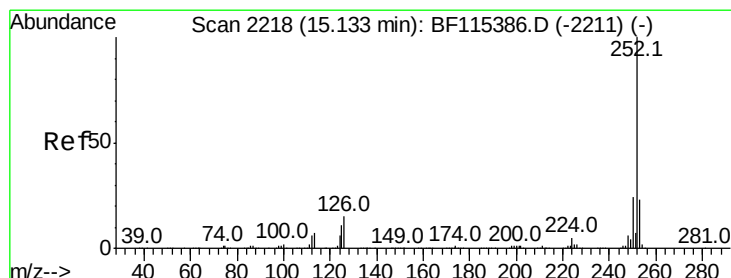
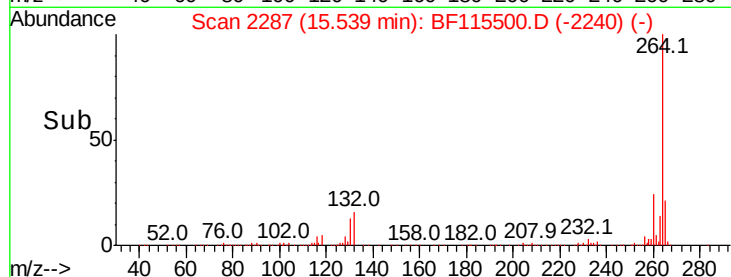
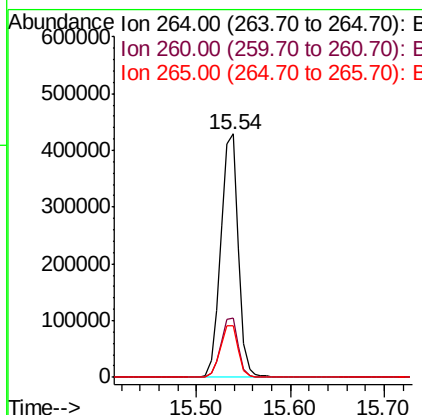
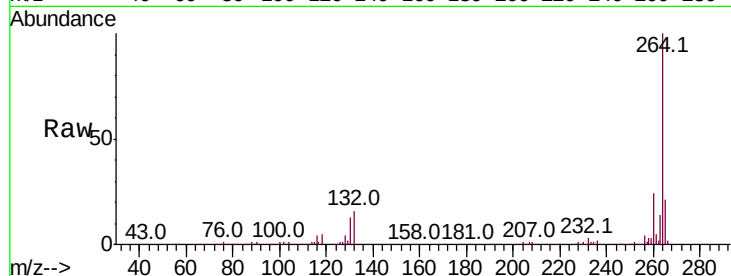


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.54 min Scan# 2287  
Delta R.T. -0.02 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:264 Resp: 556656  

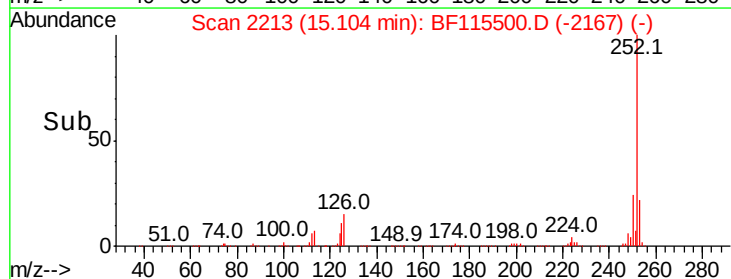
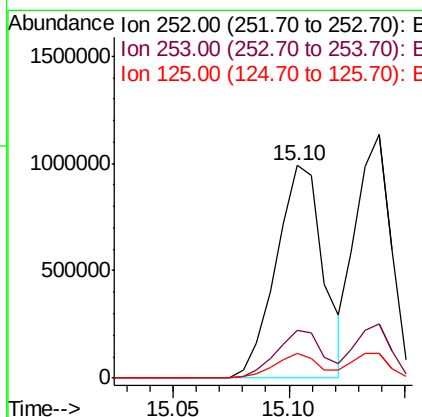
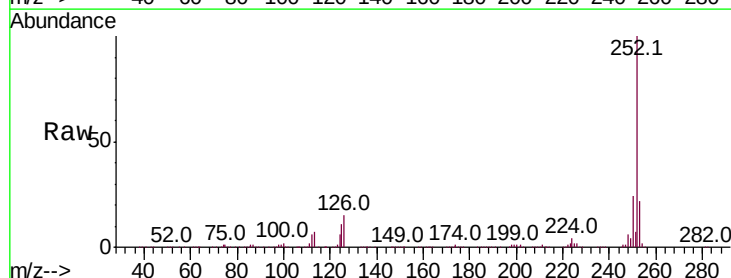
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.2  | 20.1  | 30.1  |
| 265 | 21.2  | 17.8  | 26.6  |



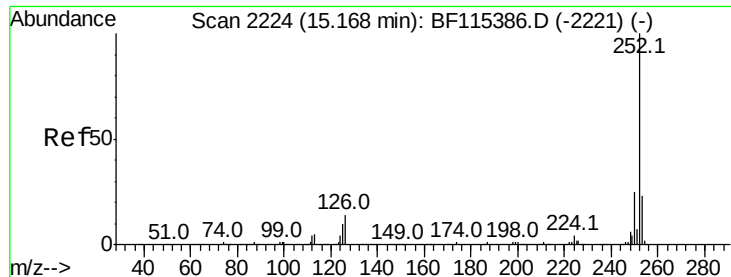
#88  
Benzo(b)fluoranthene  
Concen: 38.846 ng  
RT: 15.10 min Scan# 2213  
Delta R.T. -0.03 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Tgt Ion:252 Resp: 1407912  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 18.0  | 27.0  |
| 125 | 11.3  | 8.5   | 12.7  |



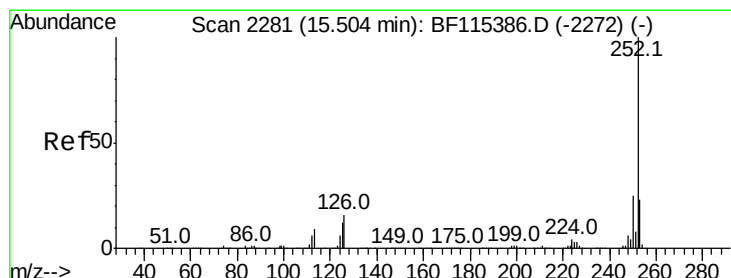
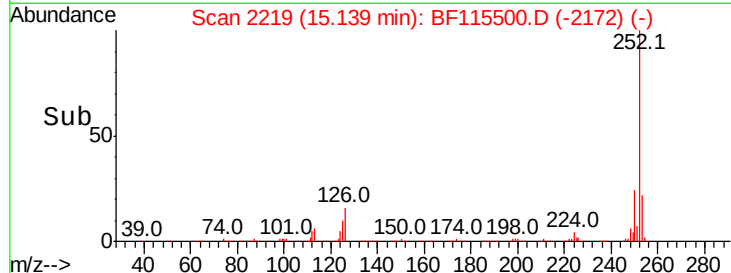
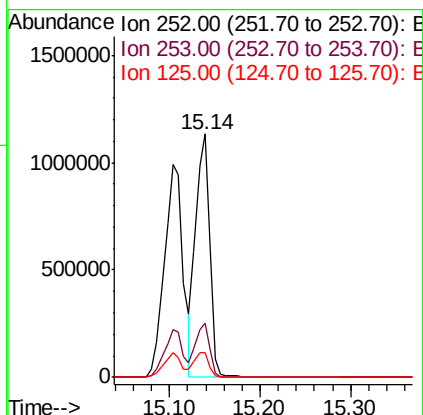
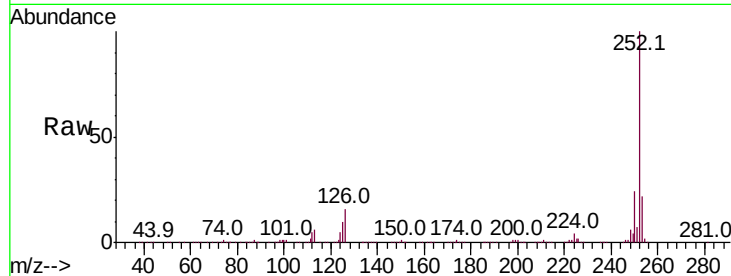




#89  
Benzo(k)fluoranthene  
Concen: 37.757 ng  
RT: 15.14 min Scan# 2219  
Delta R.T. -0.02 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

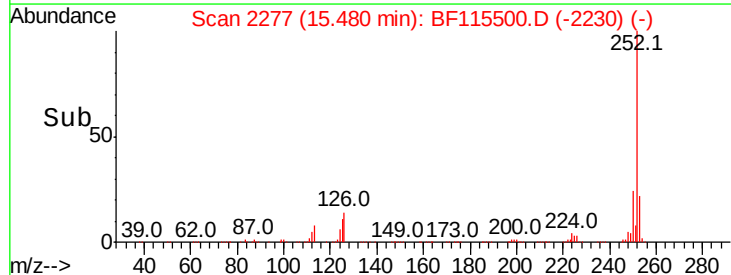
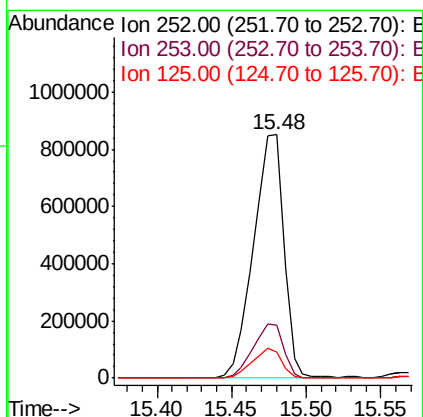
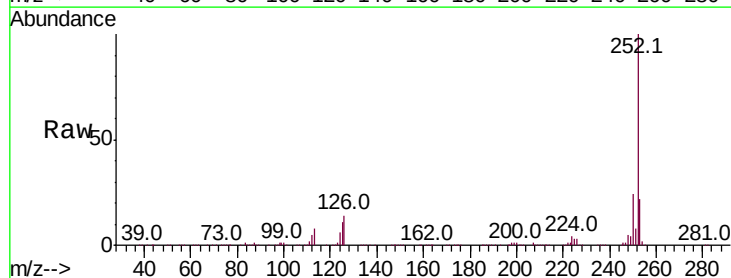
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

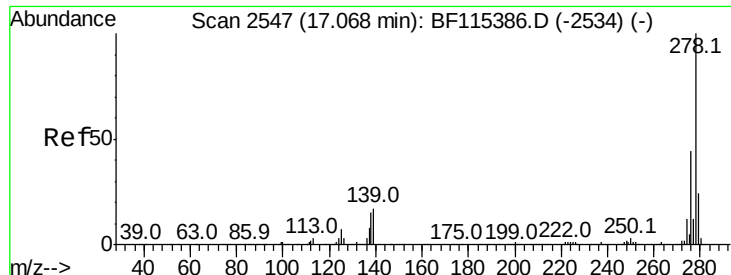
Tot Ion:252 Resp: 1216991  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.0 27.0  
125 10.4 8.6 13.0



#90  
Benzo(a)pyrene  
Concen: 38.354 ng  
RT: 15.48 min Scan# 2277  
Delta R.T. -0.02 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Tgt Ion:252 Resp: 1198935  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.7 26.5  
125 10.9 9.7 14.5



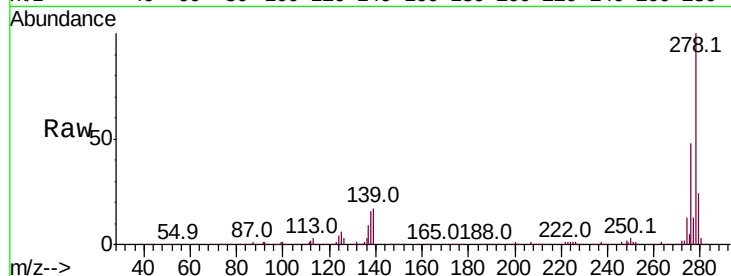


#91  
Dibenzo(a,h)anthracene  
Concen: 39.225 ng  
RT: 17.04 min Scan# 2543  
Delta R.T. -0.04 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

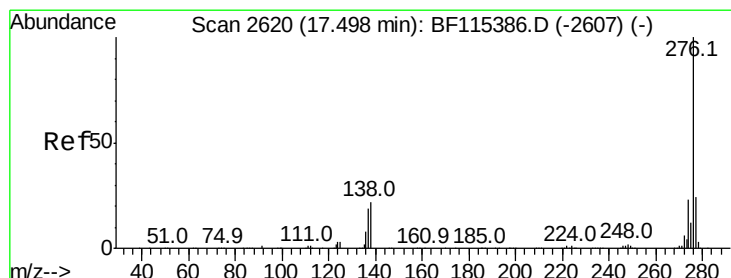
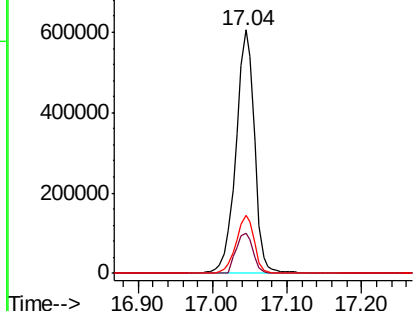
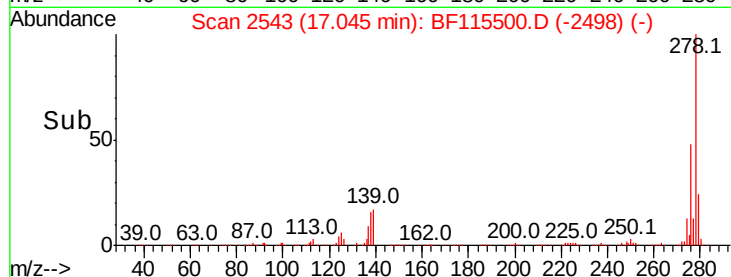
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:278 Resp: 1047792

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 16.6  | 13.0  | 19.6  |
| 279 | 24.0  | 19.4  | 29.2  |



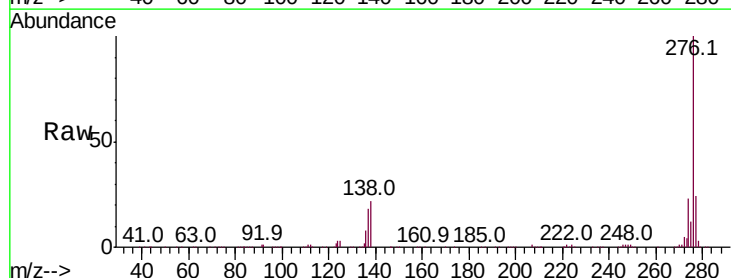
Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 40.338 ng  
RT: 17.48 min Scan# 2617  
Delta R.T. -0.03 min  
Lab File: BF115500.D  
Acq: 11 Jul 2019 17:35

Tgt Ion:276 Resp: 1019890

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.5  | 18.8  | 28.2  |
| 138 | 21.7  | 17.8  | 26.8  |



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

