

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\  
 Data File : BF115523.D  
 Acq On : 12 Jul 2019 11:47  
 Operator : HP/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 12 12:35:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 12:28:53 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89  | 152  | 187538   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.17  | 136  | 765028   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.93  | 164  | 365689   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.42 | 188  | 672623   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.05 | 240  | 367584   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.52 | 264  | 348305   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 1683737 | 138.71 | ng | 0.01 |
| 7) Phenol-d6             | 6.53  | 99  | 2150554 | 139.31 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.46  | 82  | 2008097 | 155.09 | ng | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.72 | 330 | 619257  | 153.16 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.26  | 172 | 2943226 | 141.23 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.00 | 244 | 2961780 | 164.98 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.71 | 88  | 445771  | 74.872 | ng | 99     |
| 3) Pyridine                    | 3.47 | 79  | 1230867 | 74.765 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.45 | 42  | 452588  | 67.794 | ng | 96     |
| 6) Aniline                     | 6.56 | 93  | 1507577 | 69.204 | ng | 99     |
| 8) 2-Chlorophenol              | 6.68 | 128 | 969121  | 70.708 | ng | 97     |
| 9) Benzaldehyde                | 6.43 | 77  | 487168  | 49.550 | ng | 99     |
| 10) Phenol                     | 6.55 | 94  | 1246352 | 67.479 | ng | 85     |
| 11) bis(2-Chloroethyl)ether    | 6.63 | 93  | 971092  | 70.872 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.83 | 146 | 1092682 | 72.768 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.91 | 146 | 1080065 | 71.808 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 953792  | 68.492 | ng | 99     |
| 15) Benzyl Alcohol             | 7.04 | 79  | 851731  | 68.757 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45  | 1266739 | 66.118 | ng | 98     |
| 17) 2-Methylphenol             | 7.14 | 107 | 871720  | 74.240 | ng | 99     |
| 18) Hexachloroethane           | 7.40 | 117 | 412580  | 73.634 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70  | 714111  | 68.376 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 911312  | 65.704 | ng | 97     |
| 22) Acetophenone               | 7.31 | 105 | 1251830 | 68.288 | ng | 96     |
| 24) Nitrobenzene               | 7.48 | 77  | 1068532 | 73.071 | ng | 100    |
| 25) Isophorone                 | 7.72 | 82  | 2028173 | 72.265 | ng | 99     |
| 26) 2-Nitrophenol              | 7.79 | 139 | 573760  | 95.437 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122 | 851785  | 74.302 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93  | 1208966 | 69.856 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.03 | 162 | 853622  | 74.761 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 953953  | 75.048 | ng | 100    |
| 31) Naphthalene                | 8.20 | 128 | 2644483 | 69.593 | ng | 98     |
| 32) Benzoic acid               | 7.99 | 122 | 773940  | 98.803 | ng | 97     |
| 33) 4-Chloroaniline            | 8.24 | 127 | 1192114 | 70.314 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 547376  | 75.933 | ng | 100    |
| 35) Caprolactam                | 8.65 | 113 | 224953  | 60.491 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107 | 885271  | 73.300 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.89 | 142 | 1753457 | 69.037 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.99 | 142 | 1662645 | 68.609 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 795553  | 75.620 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\  
 Data File : BF115523.D  
 Acq On : 12 Jul 2019 11:47  
 Operator : HP/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

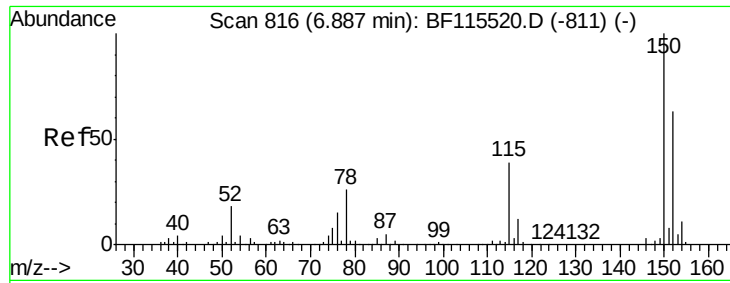
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 12 12:35:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 12:28:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.05  | 237  | 492098   | 80.704  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 9.16  | 196  | 611710   | 79.867  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.21  | 196  | 628094   | 79.086  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.36  | 154  | 2000502  | 69.586  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.38  | 162  | 1735873  | 73.058  | ng    | 99       |
| 48) 2-Nitroaniline             | 9.47  | 65   | 573574   | 82.165  | ng    | 99       |
| 49) Acenaphthylene             | 9.80  | 152  | 2487204  | 69.139  | ng    | 99       |
| 50) Dimethylphthalate          | 9.66  | 163  | 2023535  | 73.724  | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.72  | 165  | 477151   | 80.156  | ng    | 97       |
| 52) Acenaphthene               | 9.97  | 154  | 1643871  | 72.608  | ng    | 99       |
| 53) 3-Nitroaniline             | 9.89  | 138  | 550574   | 79.634  | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 9.99  | 184  | 280141   | 134.492 | ng    | # 92     |
| 55) Dibenzofuran               | 10.14 | 168  | 2179976  | 68.354  | ng    | 96       |
| 56) 4-Nitrophenol              | 10.04 | 139  | 425532   | 79.552  | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.12 | 165  | 614780   | 81.265  | ng    | 99       |
| 58) Fluorene                   | 10.48 | 166  | 1581104  | 62.890  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 505780   | 73.721  | ng    | 100      |
| 60) Diethylphthalate           | 10.36 | 149  | 1847700  | 68.392  | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204  | 819830   | 66.812  | ng    | 95       |
| 62) 4-Nitroaniline             | 10.51 | 138  | 520645   | 76.718  | ng    | 98       |
| 63) Azobenzene                 | 10.63 | 77   | 1776895  | 63.805  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 344009   | 117.726 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 10.59 | 169  | 1545601  | 72.929  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.96 | 248  | 568069   | 75.267  | ng    | 99       |
| 68) Hexachlorobenzene          | 11.03 | 284  | 652428   | 77.037  | ng    | 99       |
| 69) Atrazine                   | 11.12 | 200  | 404780   | 61.715  | ng    | 99       |
| 70) Pentachlorophenol          | 11.22 | 266  | 407243   | 78.903  | ng    | 99       |
| 71) Phenanthrene               | 11.45 | 178  | 2406780  | 68.036  | ng    | 99       |
| 72) Anthracene                 | 11.49 | 178  | 2424486  | 68.347  | ng    | 98       |
| 73) Carbazole                  | 11.65 | 167  | 2182410  | 67.250  | ng    | 98       |
| 74) Di-n-butylphthalate        | 11.97 | 149  | 2598507  | 66.254  | ng    | 98       |
| 75) Fluoranthene               | 12.63 | 202  | 2472873  | 66.392  | ng    | 97       |
| 77) Benzidine                  | 12.74 | 184  | 764354   | 53.323  | ng    | 98       |
| 78) Pyrene                     | 12.86 | 202  | 2496485  | 87.335  | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.47 | 149  | 1052734  | 84.290  | ng    | 97       |
| 81) Benzo(a)anthracene         | 14.04 | 228  | 1814283  | 77.032  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 620032   | 72.551  | ng    | 98       |
| 83) Chrysene                   | 14.08 | 228  | 1844914  | 76.238  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.03 | 149  | 1255081  | 81.146  | ng    | # 99     |
| 85) Di-n-octyl phthalate       | 14.64 | 149  | 2000972  | 72.671  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.02 | 276  | 1745505  | 83.343  | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.09 | 252  | 1706050  | 75.230  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 15.13 | 252  | 1482337  | 73.499  | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.47 | 252  | 1481164  | 75.725  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.03 | 278  | 1390007  | 83.163  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.46 | 276  | 1434478  | 90.673  | ng    | 99       |

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



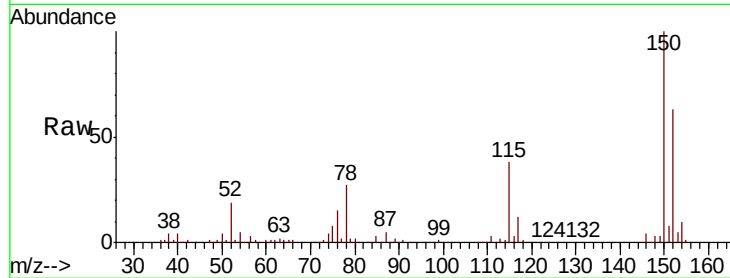


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.89 min Scan# 816  
 Delta R.T. 0.00 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.1 | 126.4 | 189.6 |
| 115     | 60.3  | 49.6  | 74.4  |

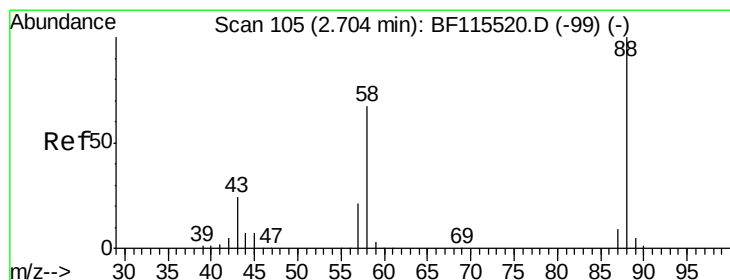
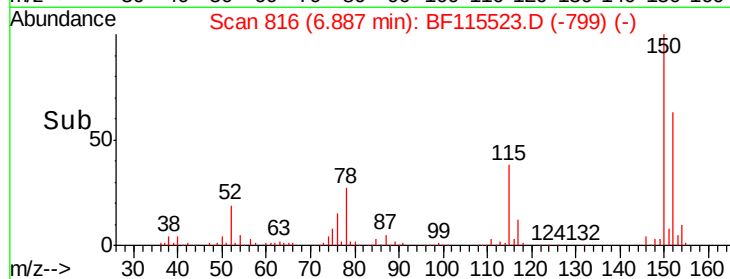
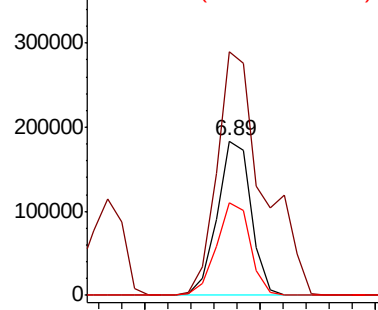


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

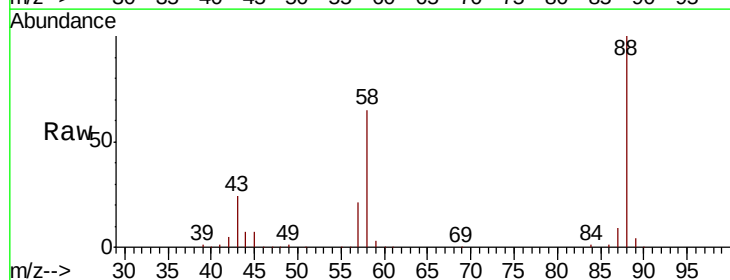
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
 Concen: 74.872 ng  
 RT: 2.71 min Scan# 106  
 Delta R.T. 0.01 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 64.7  | 52.2  | 78.4  |
| 43      | 23.8  | 19.0  | 28.4  |

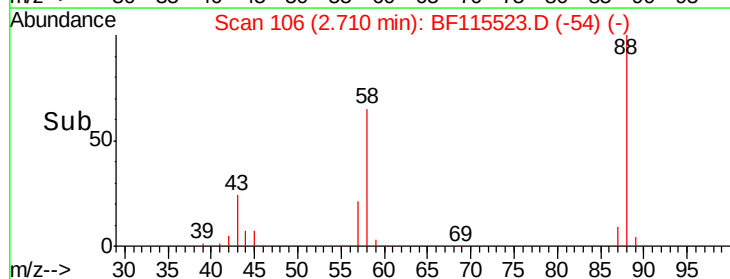
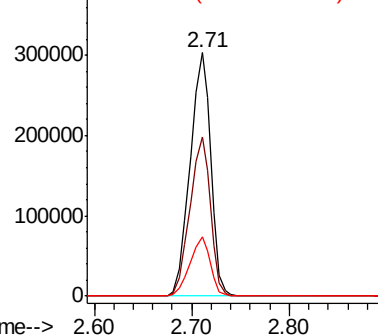


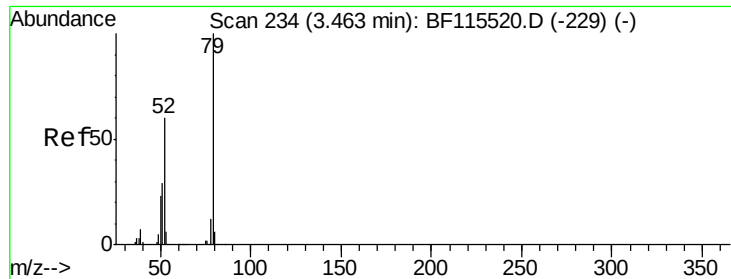
Abundance

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

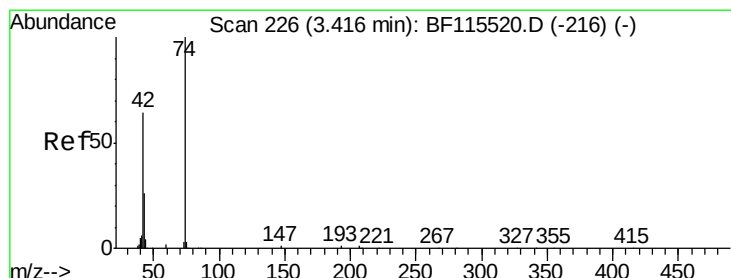
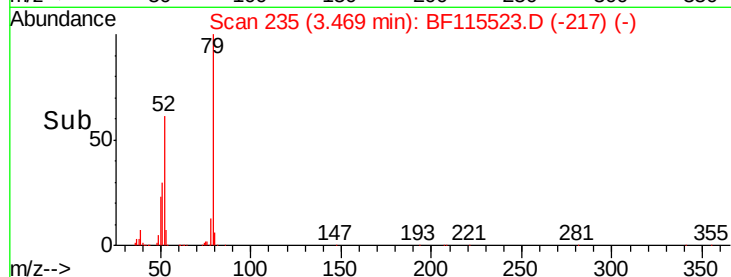
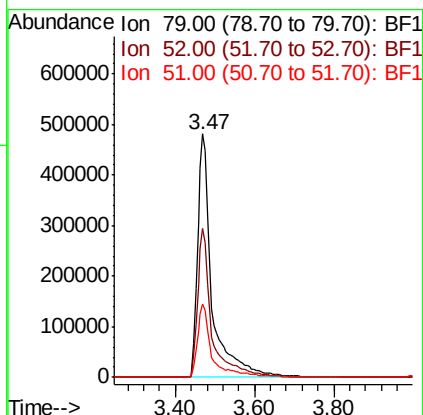
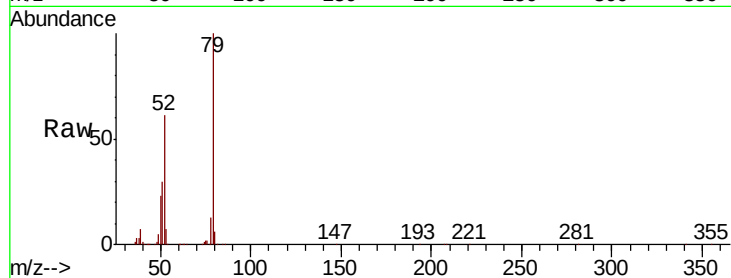




#3  
 Pvridine  
 Concen: 74.765 ng  
 RT: 3.47 min Scan# 235  
 Delta R.T. 0.01 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

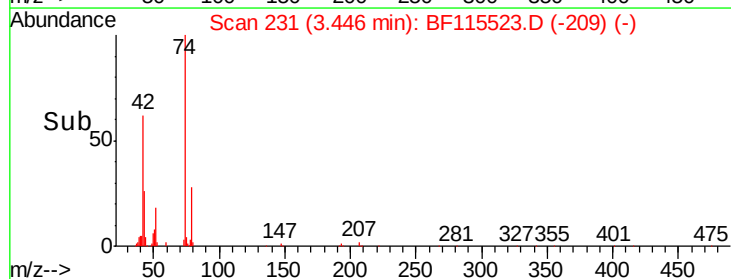
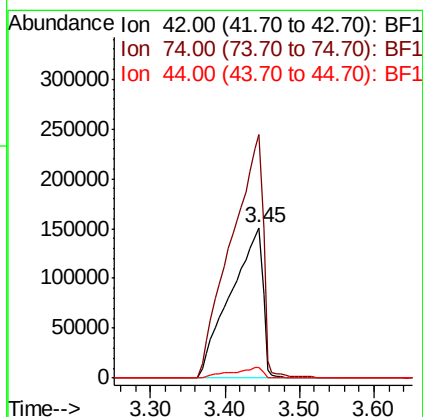
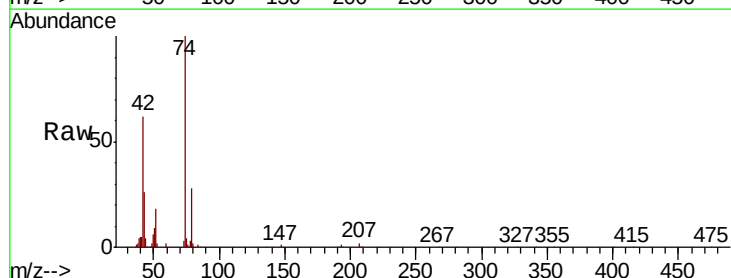
Instrument :  
 BNA\_F  
 ClientSampleId :

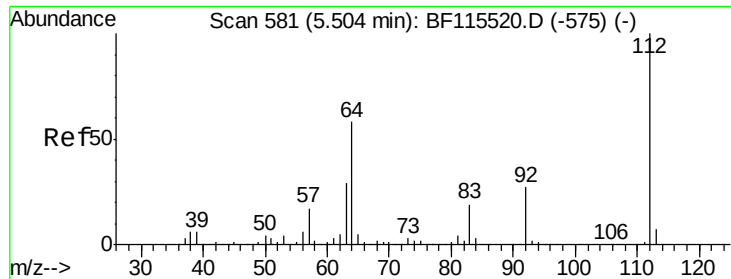
Tot Ion: 79 Resp: 1230867  
 Ion Ratio Lower Upper  
 79 100  
 52 61.2 47.6 71.4  
 51 29.9 23.4 35.0



#4  
 n-Nitrosodimethylamine  
 Concen: 67.794 ng  
 RT: 3.45 min Scan# 231  
 Delta R.T. 0.03 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

Tgt Ion: 42 Resp: 452588  
 Ion Ratio Lower Upper  
 42 100  
 74 161.8 124.8 187.2  
 44 6.9 5.6 8.4





#5

2-Fluorophenol

Concen: 138.715 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Instrument :

BNA\_F

ClientSampled :

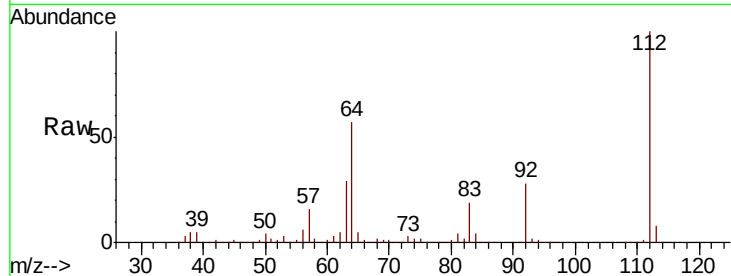
Tot Ion:112 Resp: 1683737

Ion Ratio Lower Upper

112 100

64 56.7 46.2 69.4

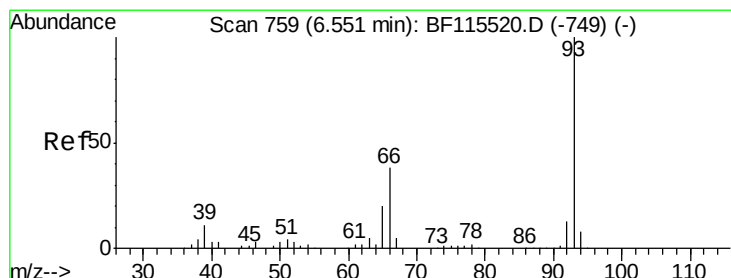
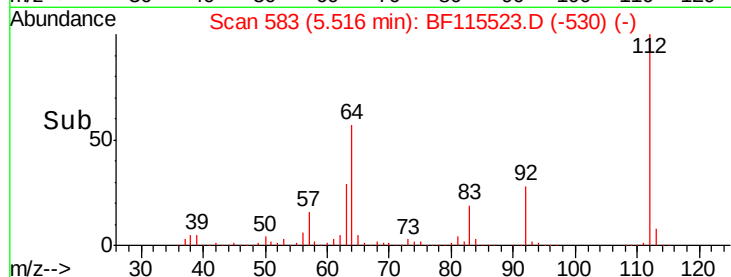
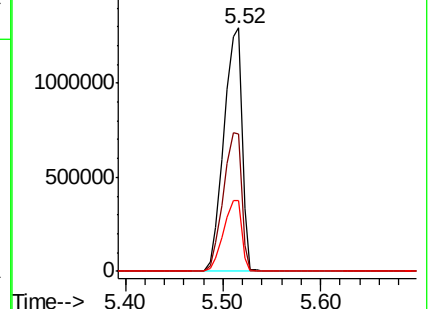
63 29.0 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 69.204 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

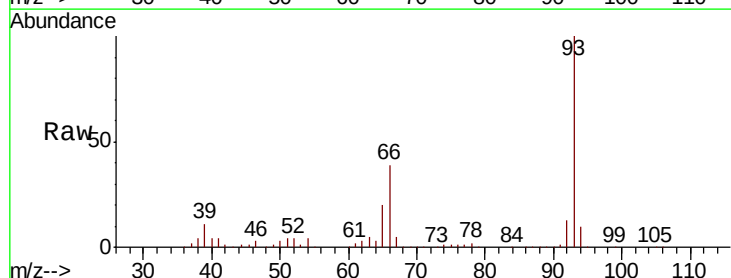
Tgt Ion: 93 Resp: 1507577

Ion Ratio Lower Upper

93 100

66 39.4 31.2 46.8

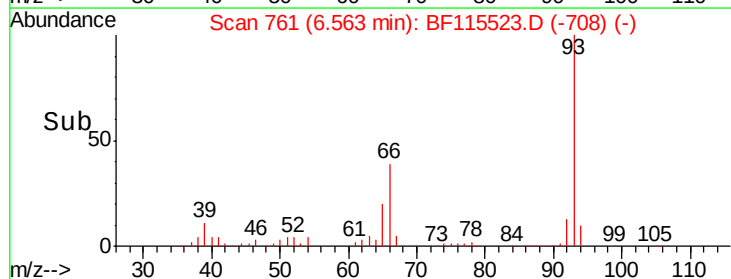
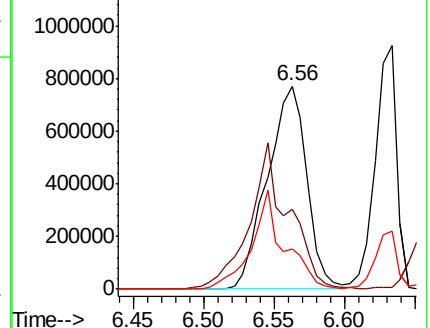
65 20.0 15.8 23.8

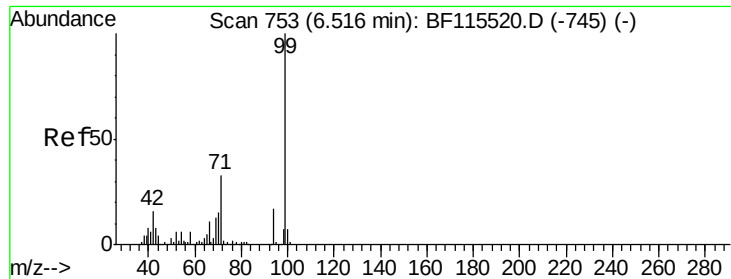


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 139.310 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Instrument :

BNA\_F

ClientSampleId :

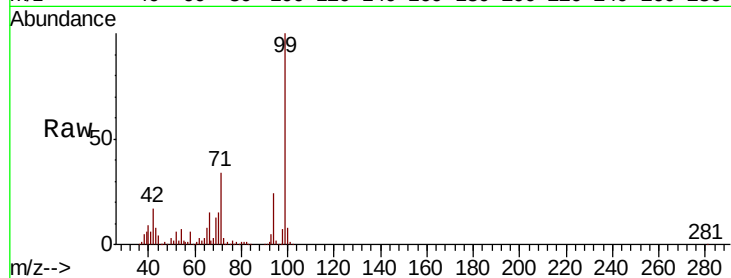
Tot Ion: 99 Resp: 2150554

Ion Ratio Lower Upper

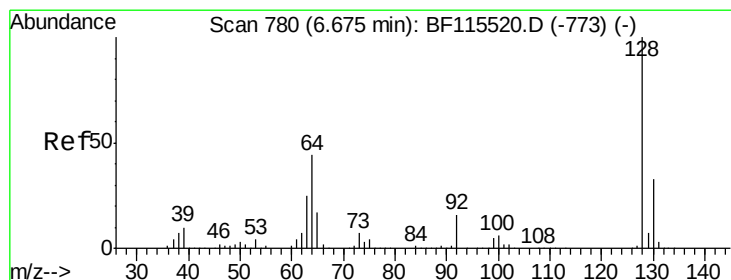
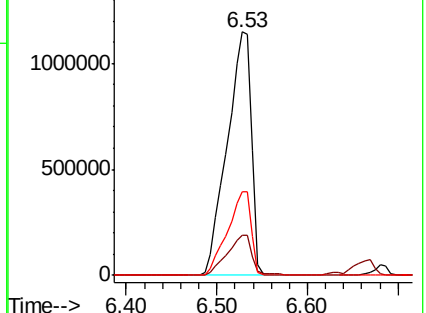
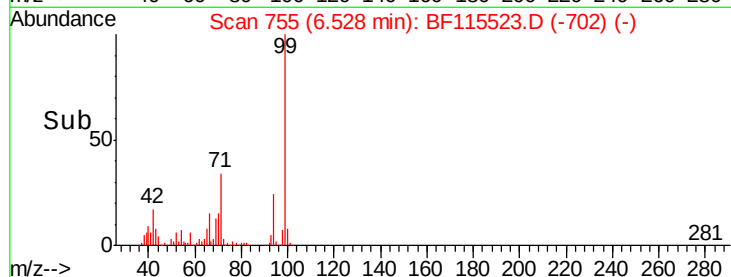
99 100

42 16.6 12.6 18.8

71 34.2 26.6 39.8



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: 70.708 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

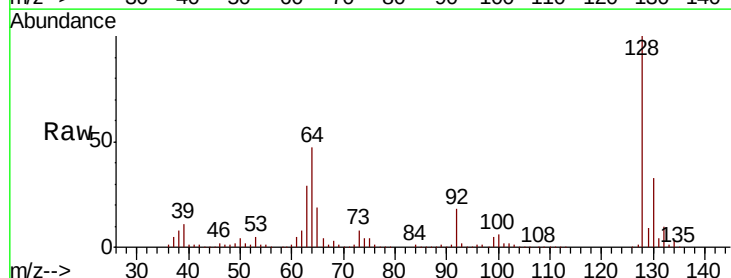
Tgt Ion: 128 Resp: 969121

Ion Ratio Lower Upper

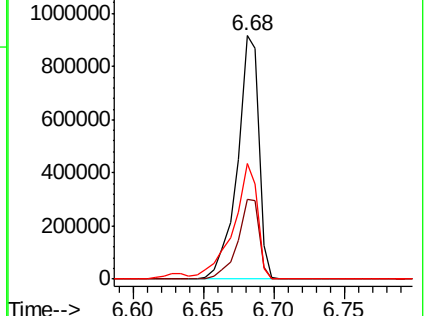
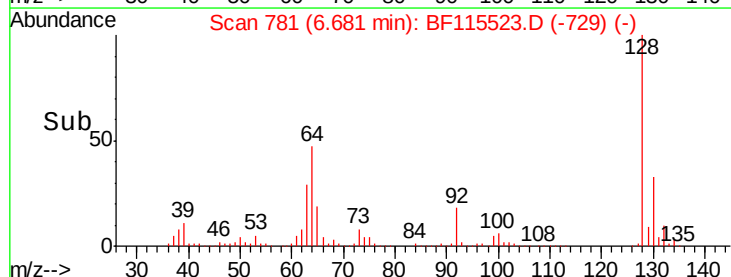
128 100

130 33.0 12.8 52.8

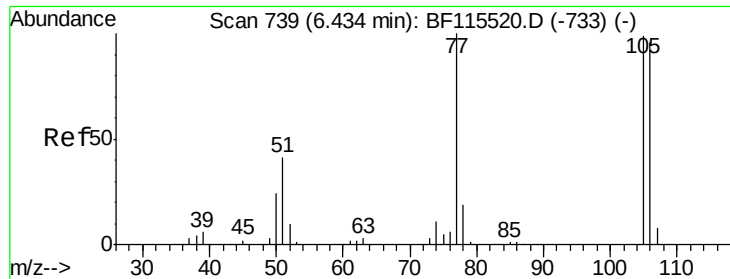
64 47.5 23.9 63.9



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



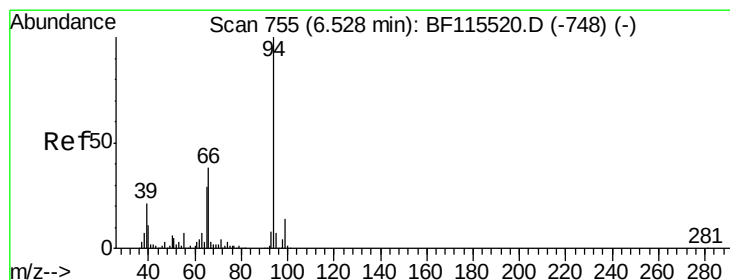
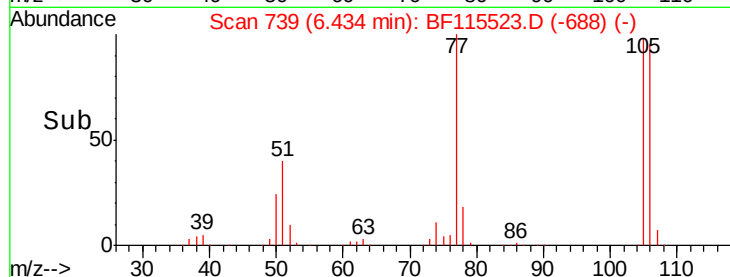
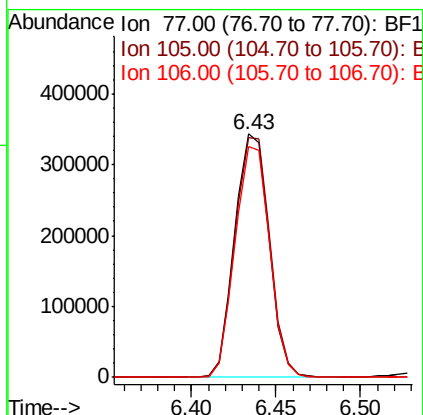
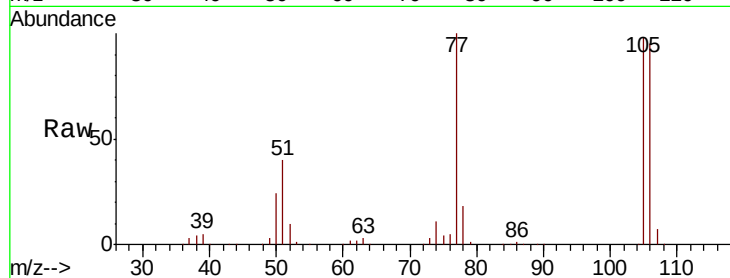




#9  
Benzaldehyde  
Concen: 49.550 ng  
RT: 6.43 min Scan# 739  
Delta R.T. 0.00 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

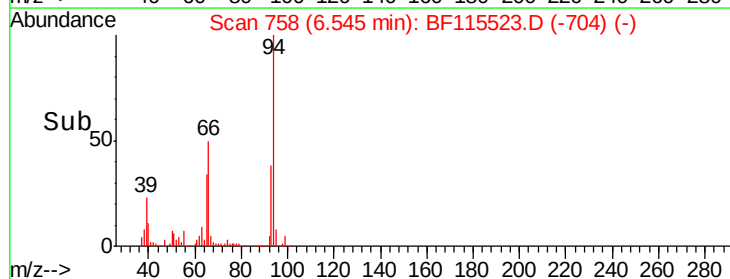
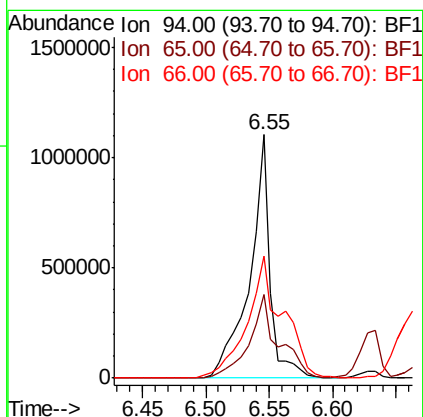
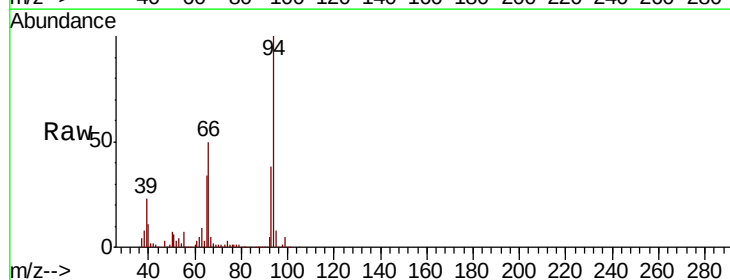
Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 98.2  | 78.8  | 118.8 |
| 106     | 94.9  | 75.6  | 115.6 |

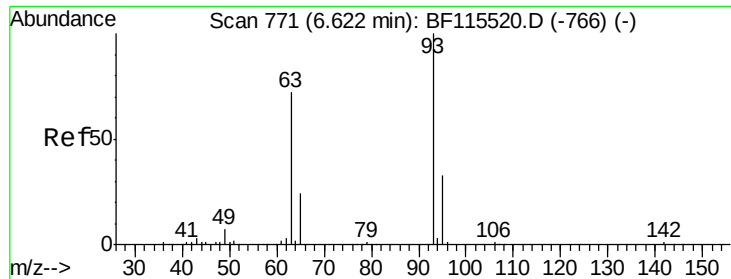


#10  
Phenol  
Concen: 67.479 ng  
RT: 6.55 min Scan# 755  
Delta R.T. 0.02 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 34.2  | 8.6   | 48.6  |
| 66      | 50.3  | 18.7  | 58.7  |



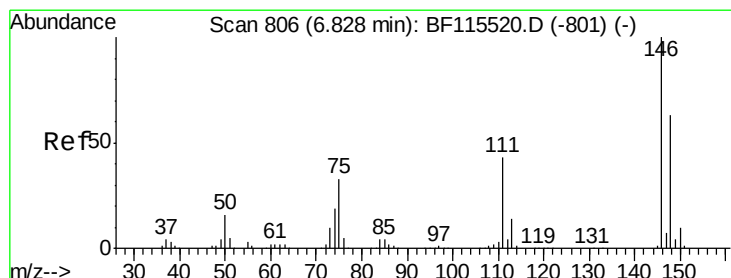
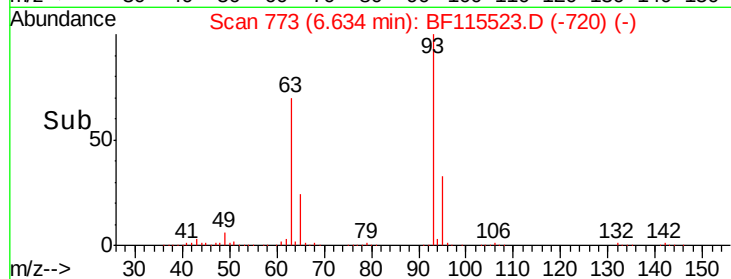
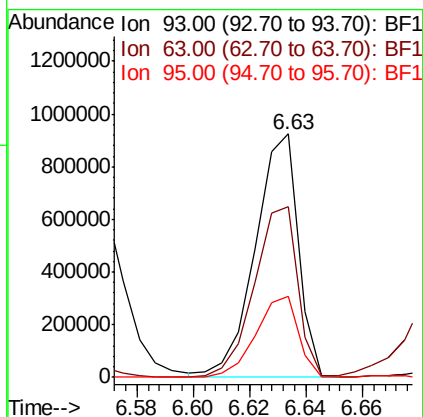
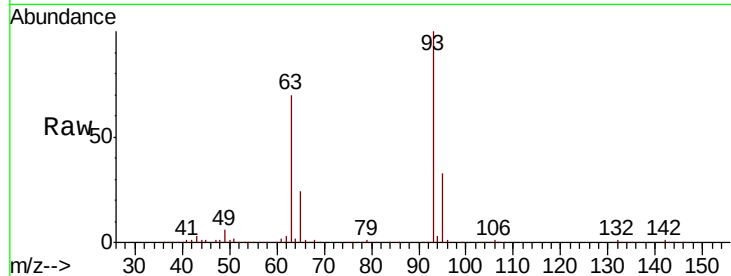




#11  
bis(2-Chloroethyl)ether  
Concen: 70.872 ng  
RT: 6.63 min Scan# 773  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

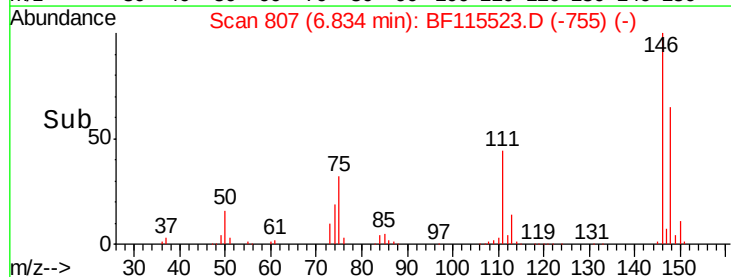
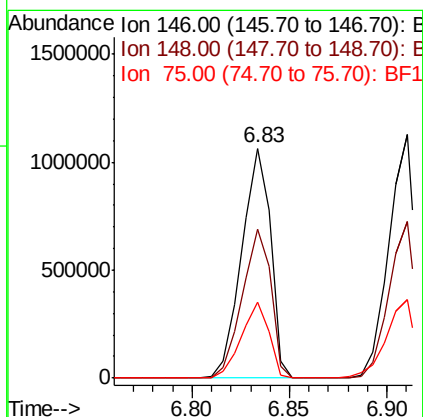
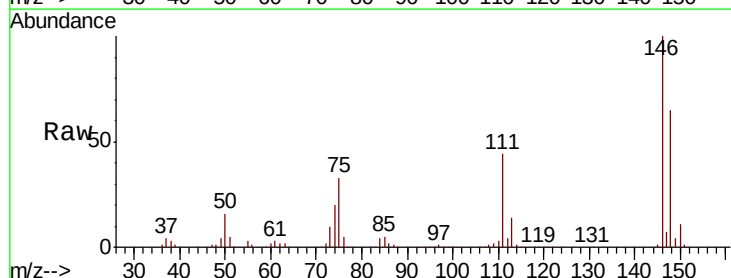
Instrument :  
BNA\_F  
ClientSampleId :

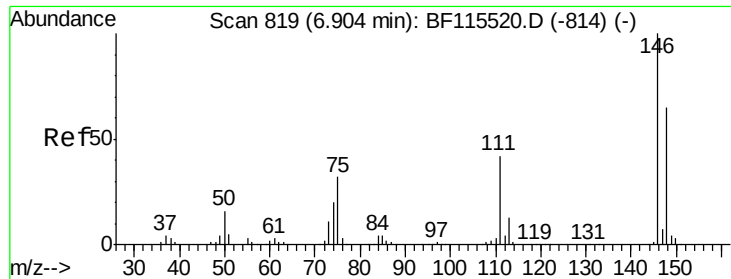
Tot Ion: 93 Resp: 971092  
Ion Ratio Lower Upper  
93 100  
63 70.1 52.0 92.0  
95 33.3 13.1 53.1



#12  
1,3-Dichlorobenzene  
Concen: 72.768 ng  
RT: 6.83 min Scan# 807  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Tgt Ion:146 Resp: 1092682  
Ion Ratio Lower Upper  
146 100  
148 64.7 50.6 76.0  
75 32.7 26.1 39.1

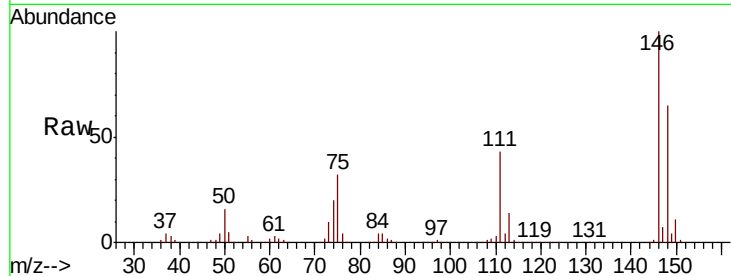




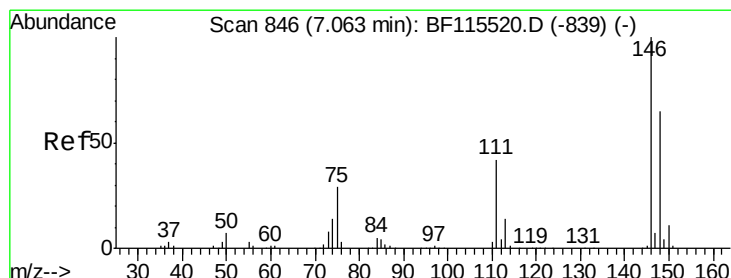
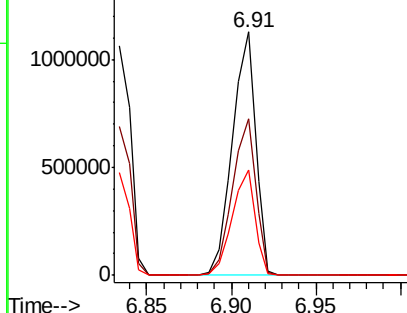
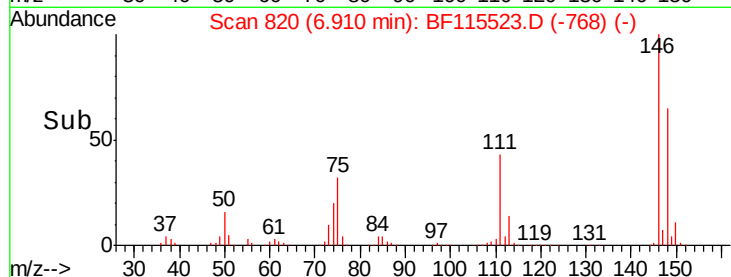
#13  
 1,4-Dichlorobenzene  
 Concen: 71.808 ng  
 RT: 6.91 min Scan# 820  
 Delta R.T. 0.01 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:146 Resp: 1080065  
 Ion Ratio Lower Upper  
 146 100  
 148 64.5 51.8 77.8  
 111 43.1 33.6 50.4

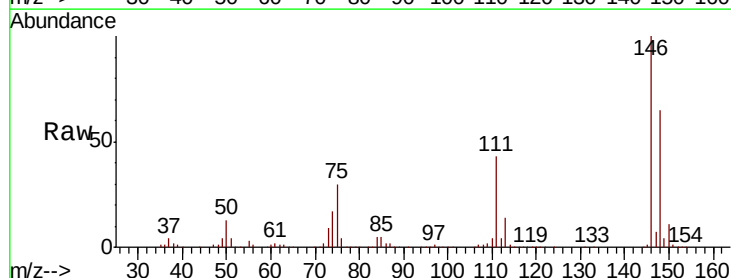


Abundance Ion 146.00 (145.70 to 146.70): E  
 1500000 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

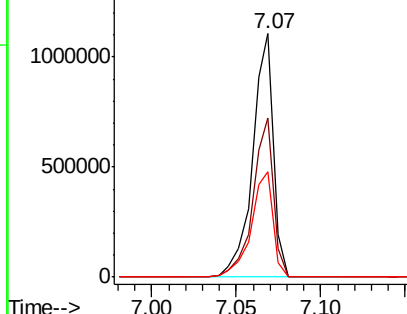
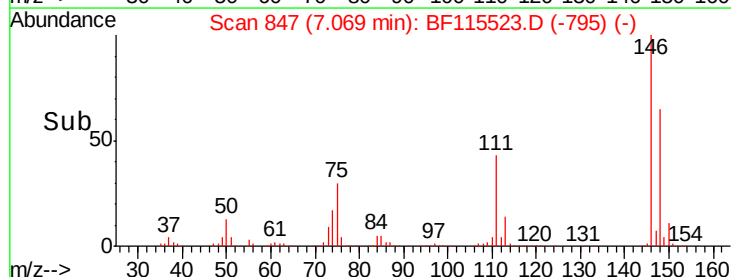


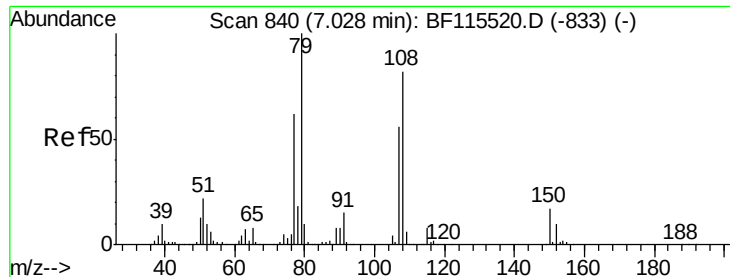
#14  
 1,2-Dichlorobenzene  
 Concen: 68.492 ng  
 RT: 7.07 min Scan# 847  
 Delta R.T. 0.01 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

Tgt Ion:146 Resp: 953792  
 Ion Ratio Lower Upper  
 146 100  
 148 65.2 52.1 78.1  
 111 43.4 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E  
 1500000 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 68.757 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Instrument :

BNA\_F

ClientSampleId :

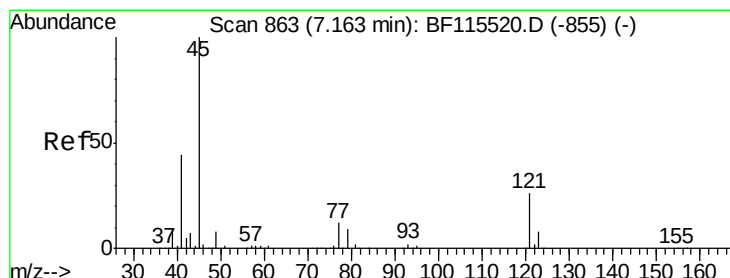
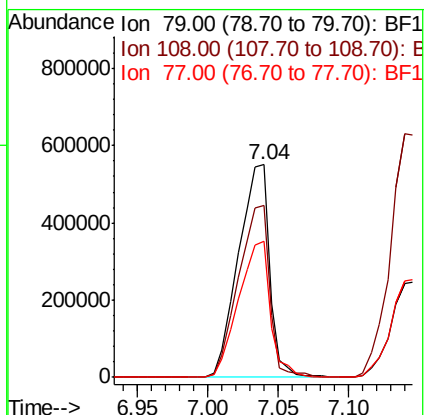
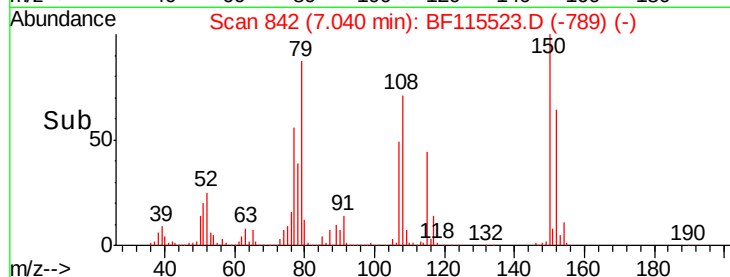
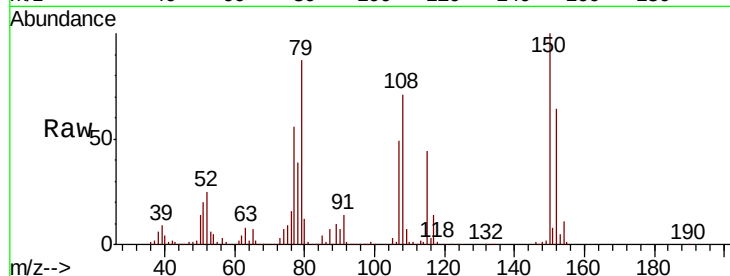
Tot Ion: 79 Resp: 851731

Ion Ratio Lower Upper

79 100

108 81.2 65.3 97.9

77 63.9 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 66.118 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

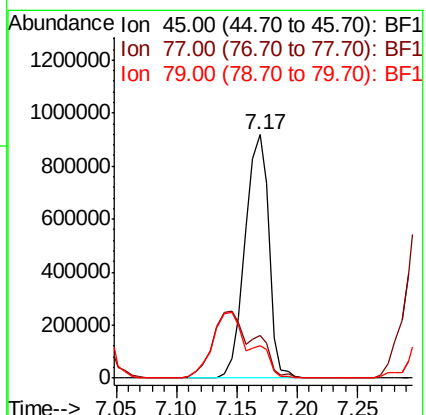
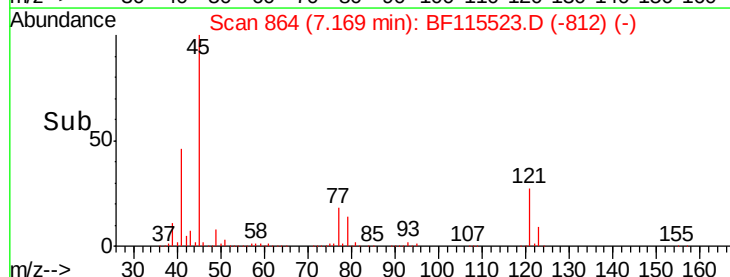
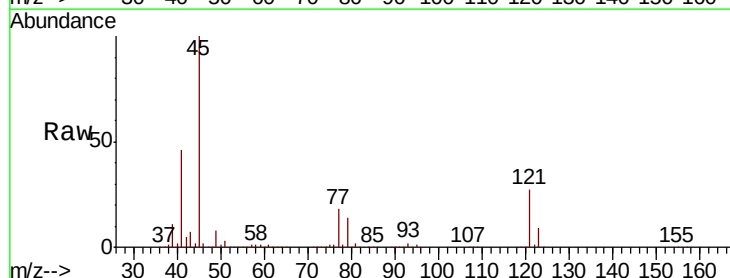
Tgt Ion: 45 Resp: 1266739

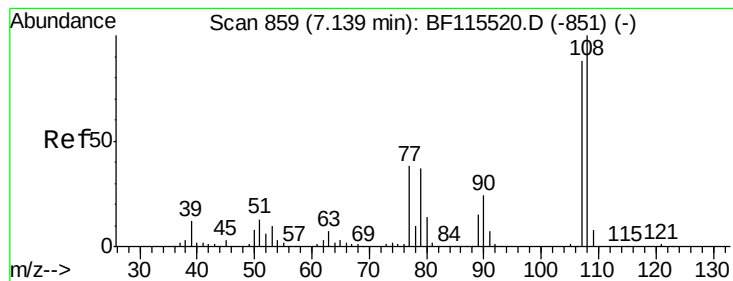
Ion Ratio Lower Upper

45 100

77 17.6 0.0 36.7

79 13.5 0.0 32.8

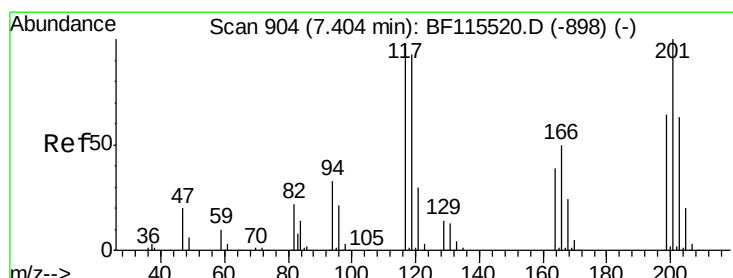
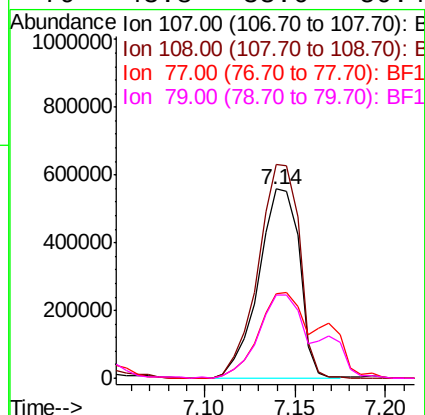
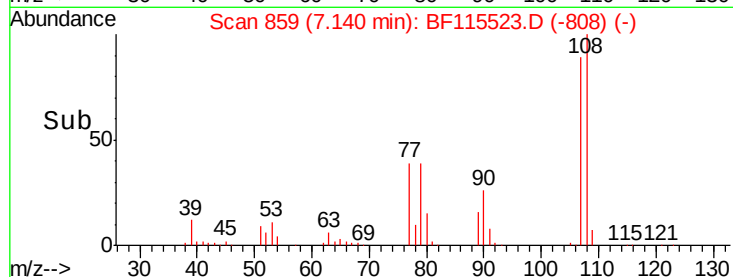
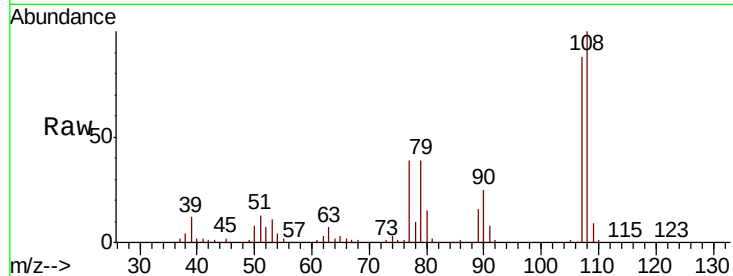




#17  
2-Methylphenol  
Concen: 74.240 ng  
RT: 7.14 min Scan# 859  
Delta R.T. 0.00 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

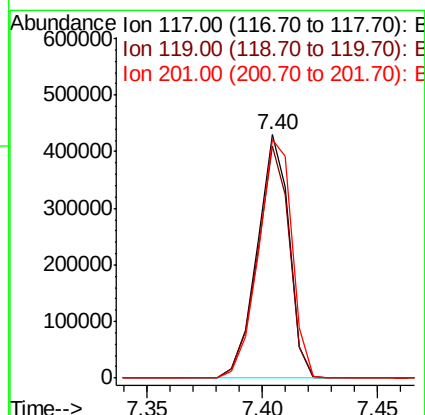
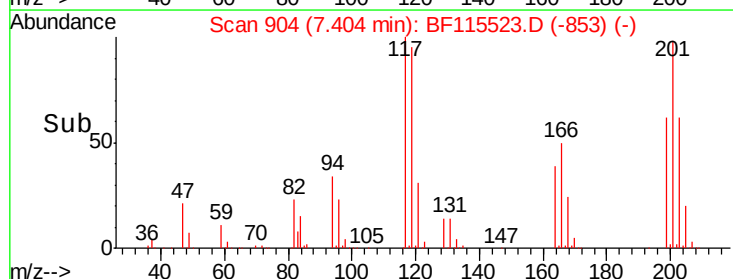
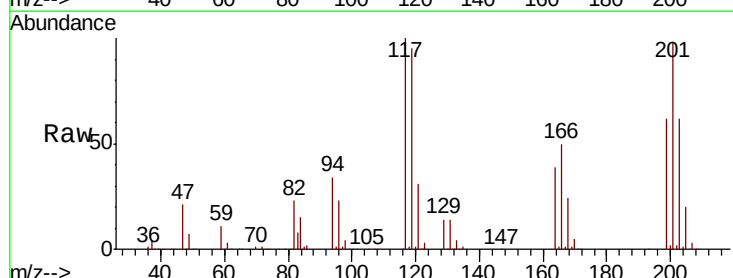
Instrument :  
BNA\_F  
ClientSampled :

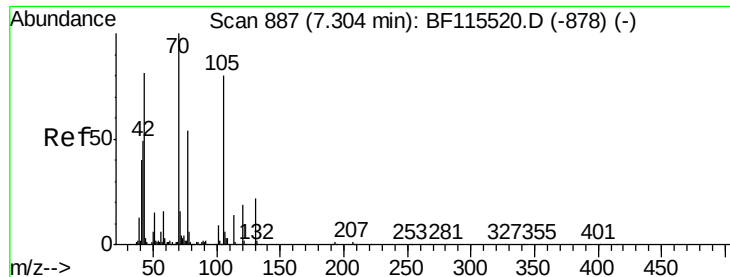
Tot Ion:107 Resp: 871720  
Ion Ratio Lower Upper  
107 100  
108 113.1 90.5 135.7  
77 44.6 34.9 52.3  
79 43.8 33.6 50.4



#18  
Hexachloroethane  
Concen: 73.634 ng  
RT: 7.40 min Scan# 904  
Delta R.T. 0.00 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Tgt Ion:117 Resp: 412580  
Ion Ratio Lower Upper  
117 100  
119 95.4 76.8 115.2  
201 97.8 82.2 123.4

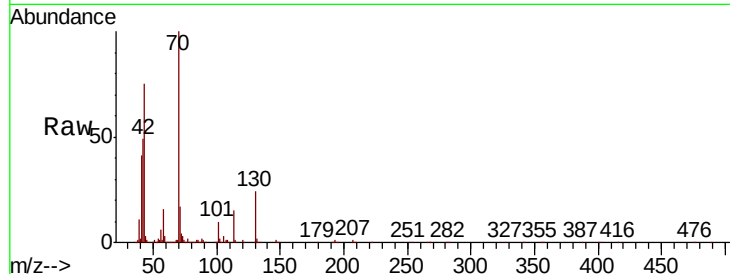




#19  
n-Nitroso-di-n-propylamine  
Concen: 68.376 ng  
RT: 7.32 min Scan# 890  
Delta R.T. 0.02 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 714111 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 49.0  | 39.4  | 59.0   |
| 101      | 10.2  | 7.4   | 11.2   |
| 130      | 23.8  | 17.4  | 26.2   |



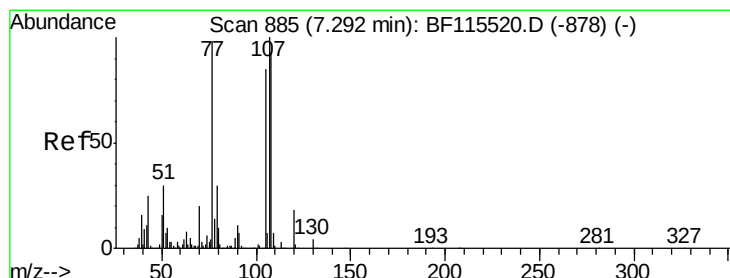
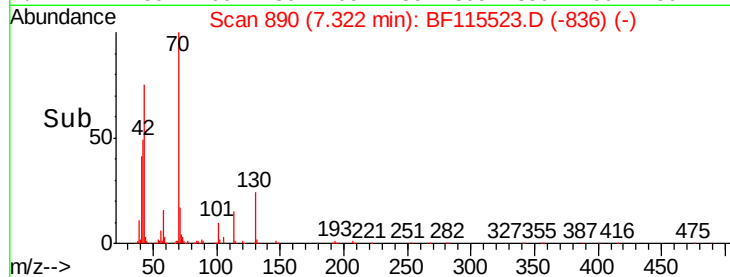
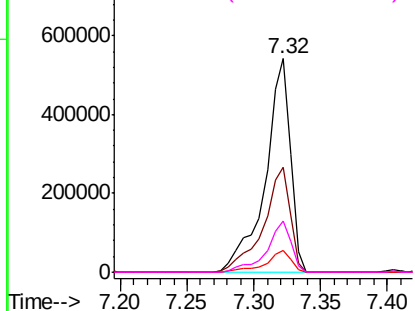
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

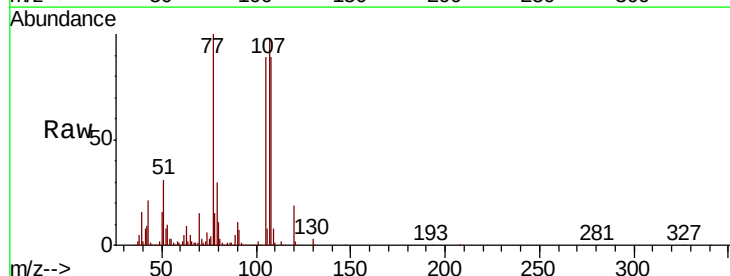
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20  
3+4-Methylphenols  
Concen: 65.704 ng  
RT: 7.30 min Scan# 887  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 911312 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.5  | 72.9  | 112.9  |
| 77       | 102.0 | 77.6  | 117.6  |
| 79       | 30.6  | 10.5  | 50.5   |



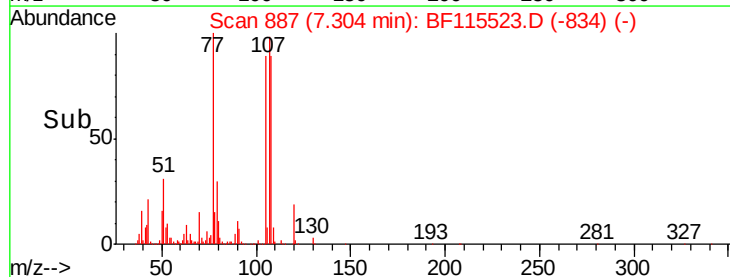
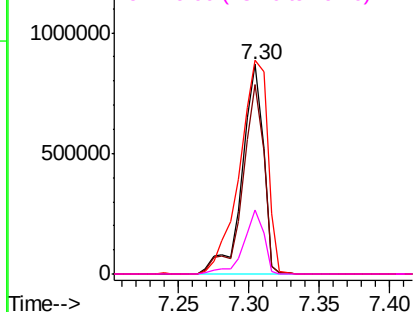
Abundance

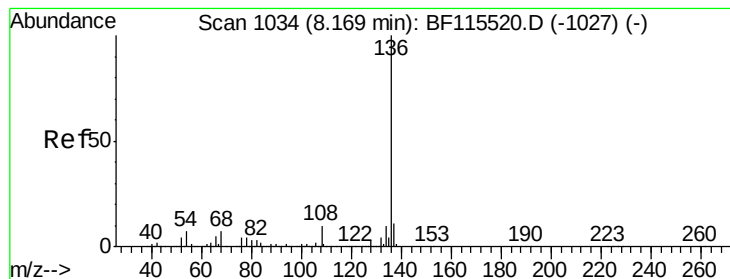
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 765028

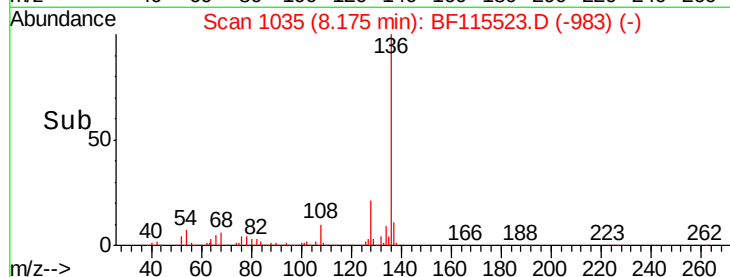
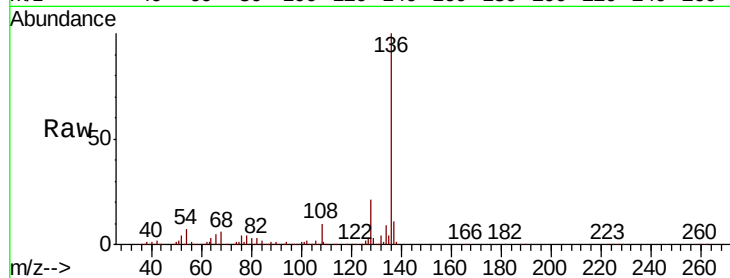
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.6 5.9 8.9

68 5.9 5.4 8.0

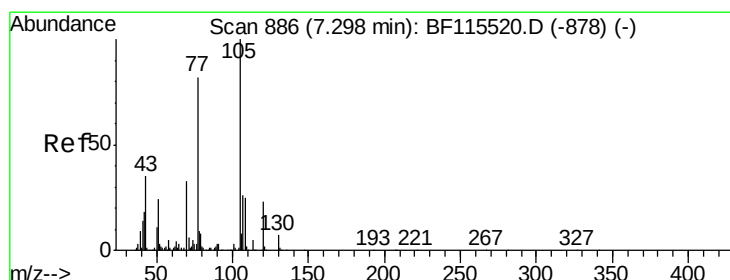
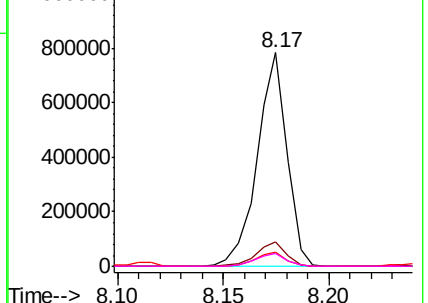


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 68.288 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Tgt Ion:105 Resp: 1251830

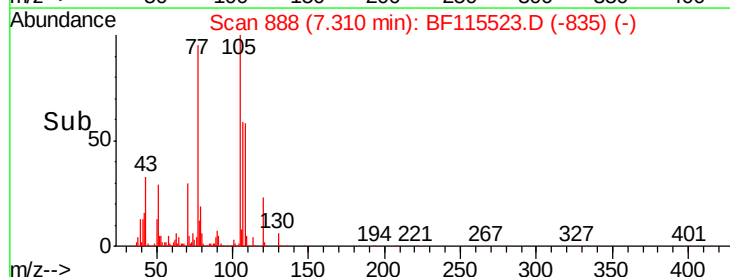
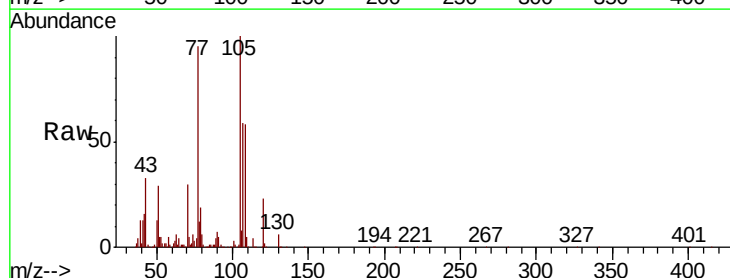
Ion Ratio Lower Upper

105 100

71 5.0 4.5 6.7

51 28.7 19.5 29.3

120 22.5 18.1 27.1

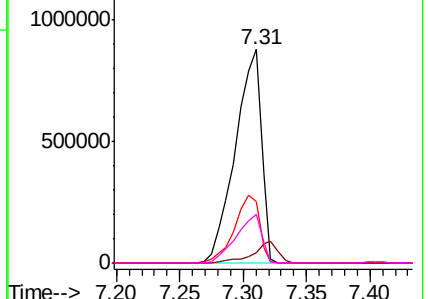


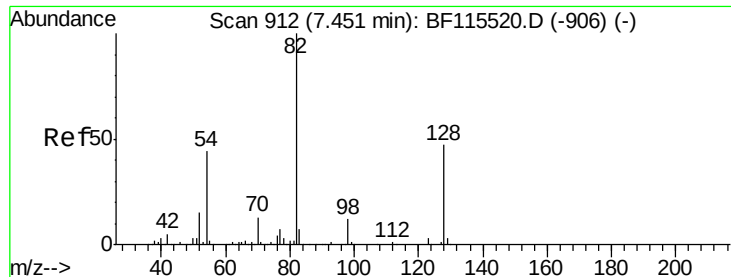
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

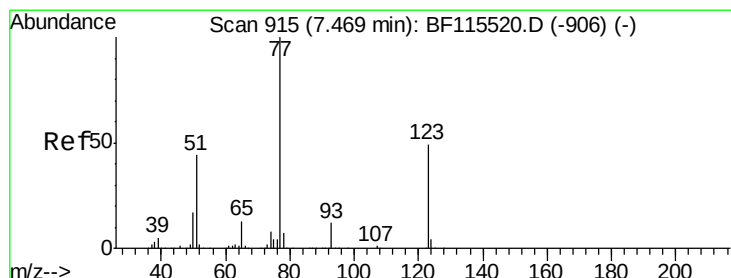
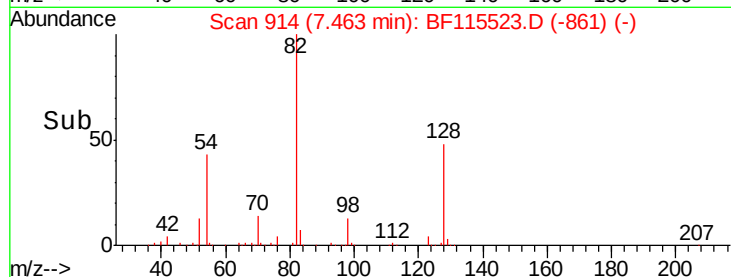
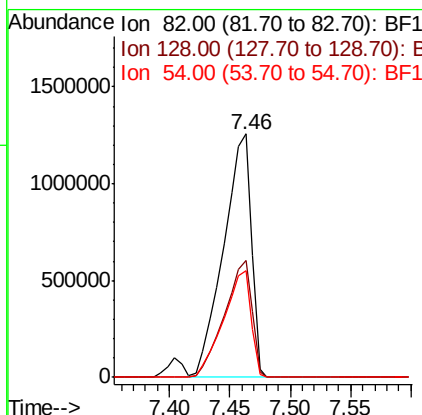
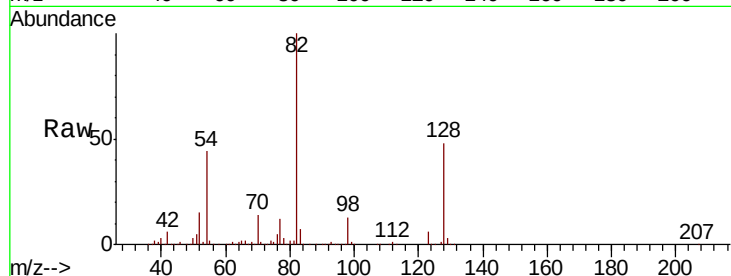




#23  
Nitrobenzene-d5  
Concen: 155.086 ng  
RT: 7.46 min Scan# 914  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

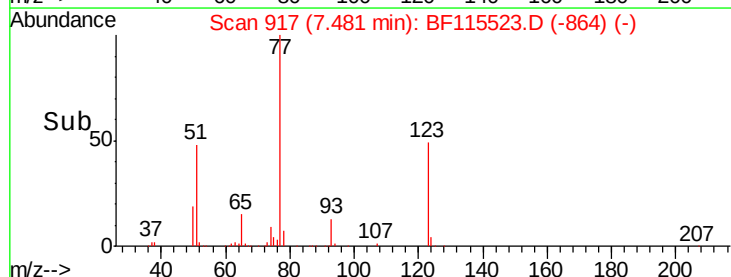
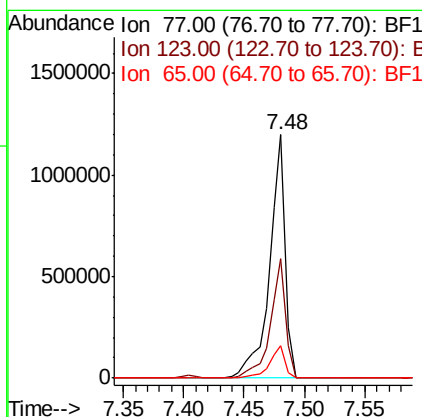
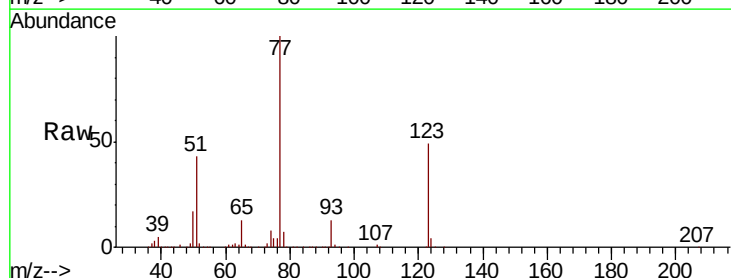
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 82 Resp: 2008097  
Ion Ratio Lower Upper  
82 100  
128 48.0 37.8 56.8  
54 43.9 35.0 52.6

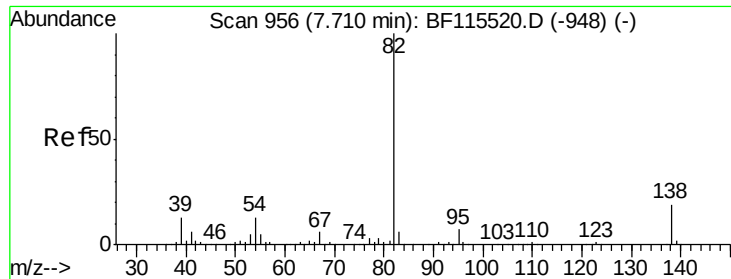


#24  
Nitrobenzene  
Concen: 73.071 ng  
RT: 7.48 min Scan# 917  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Tgt Ion: 77 Resp: 1068532  
Ion Ratio Lower Upper  
77 100  
123 49.1 39.2 58.8  
65 13.5 10.4 15.6







#25

Isophorone

Concen: 72.265 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Instrument :

BNA\_F

ClientSampled :

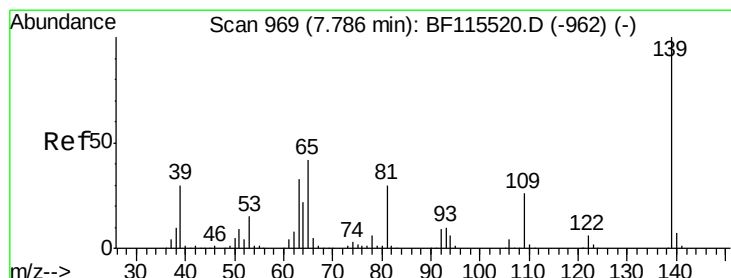
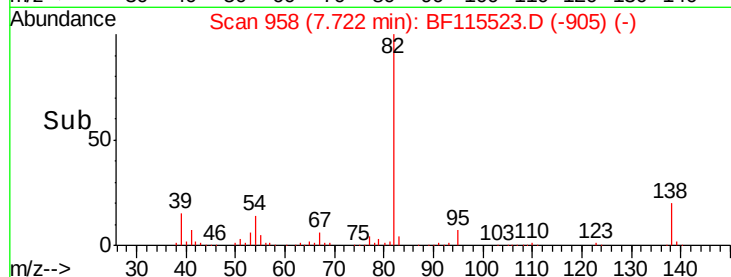
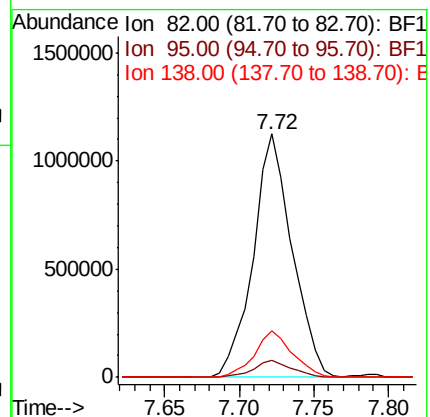
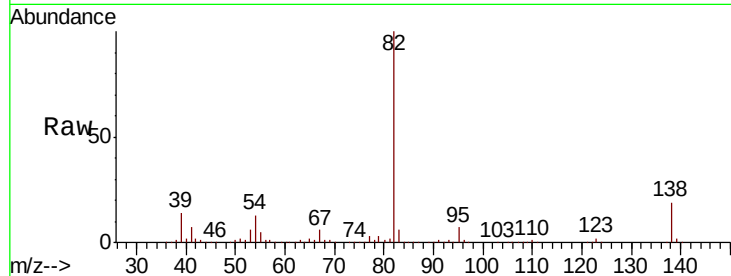
Tot Ion: 82 Resp: 2028173

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 19.0 15.0 22.4



#26

2-Nitrophenol

Concen: 95.437 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

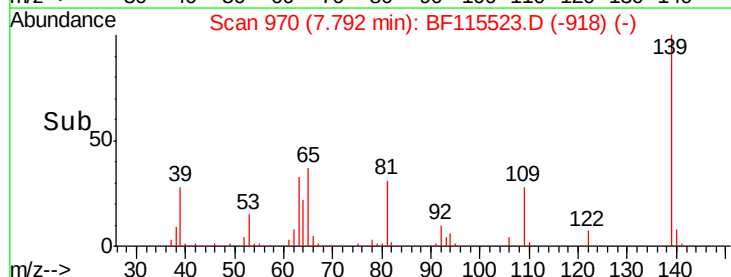
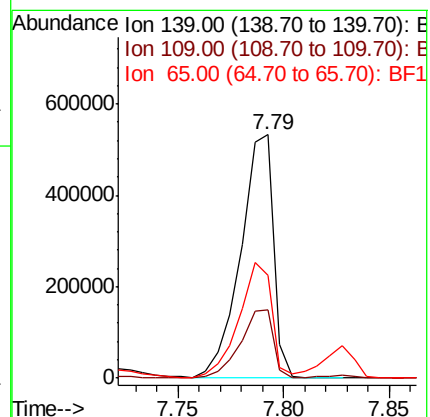
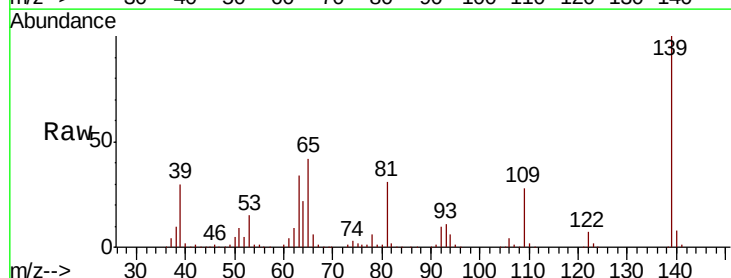
Tgt Ion: 139 Resp: 573760

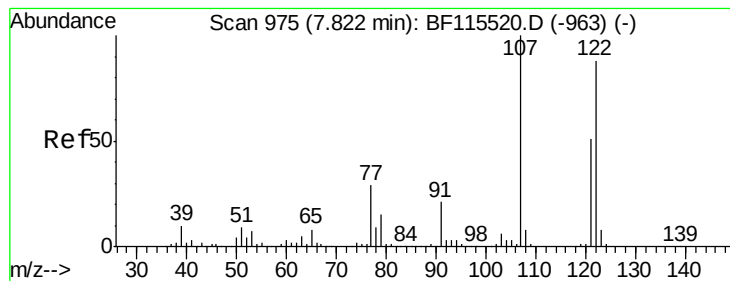
Ion Ratio Lower Upper

139 100

109 27.8 21.0 31.4

65 42.4 33.3 49.9





#27

2,4-Dimethylphenol

Concen: 74.302 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Instrument :

BNA\_F

ClientSampled :

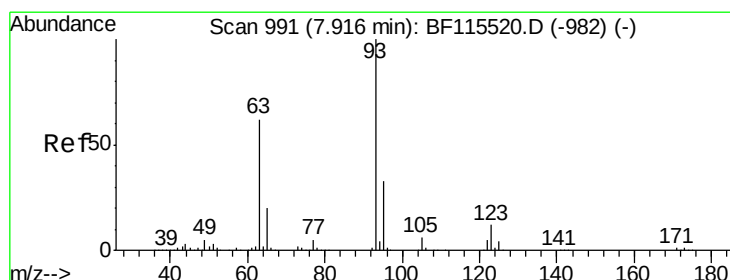
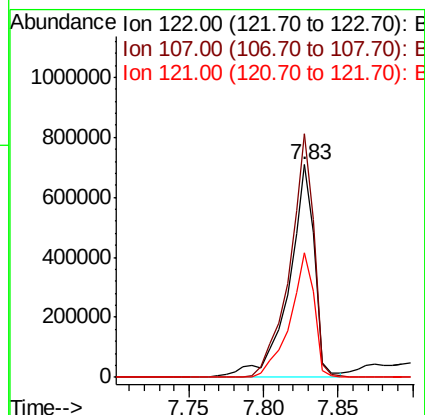
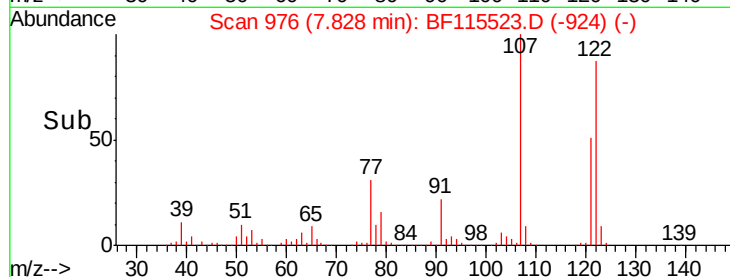
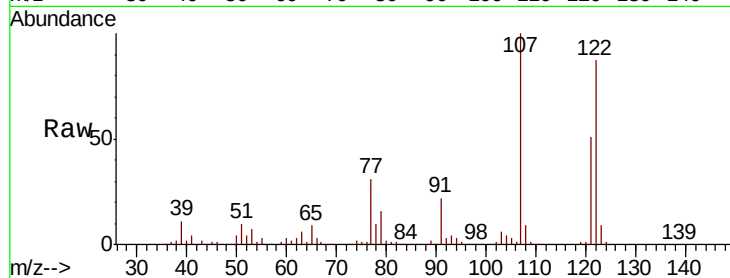
Tot Ion:122 Resp: 851785

Ion Ratio Lower Upper

122 100

107 114.4 90.9 136.3

121 58.6 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 69.856 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

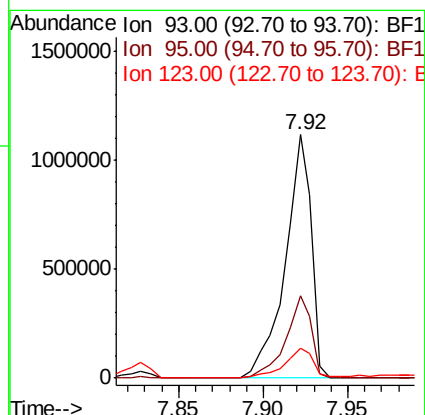
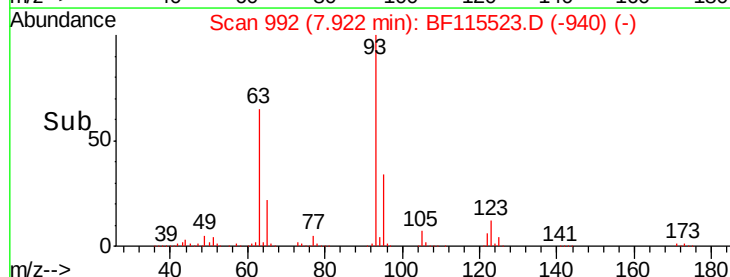
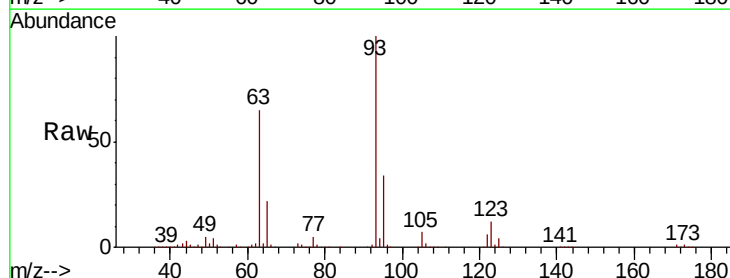
Tgt Ion: 93 Resp: 1208966

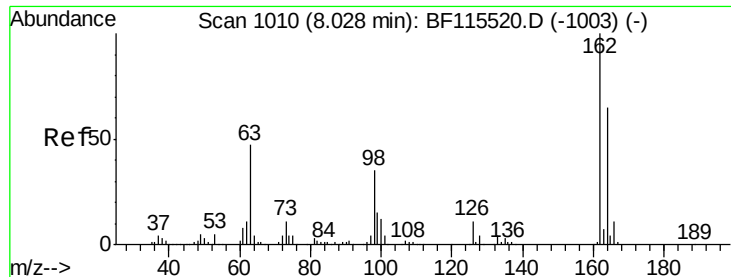
Ion Ratio Lower Upper

93 100

95 33.6 26.4 39.6

123 12.2 9.7 14.5

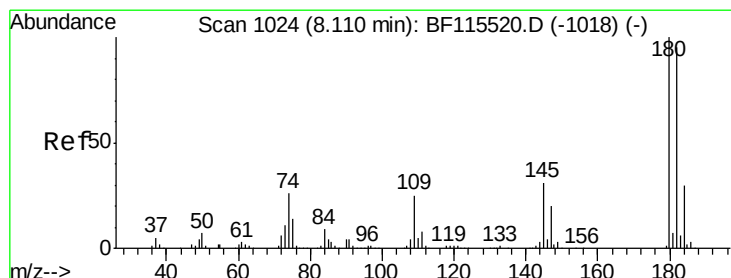
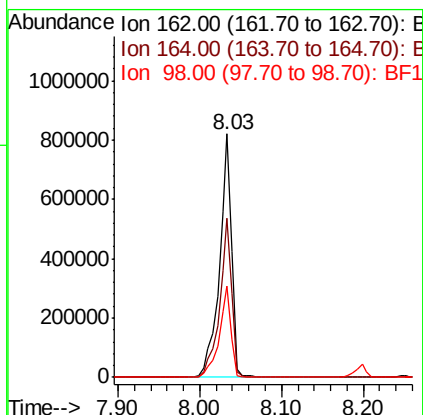
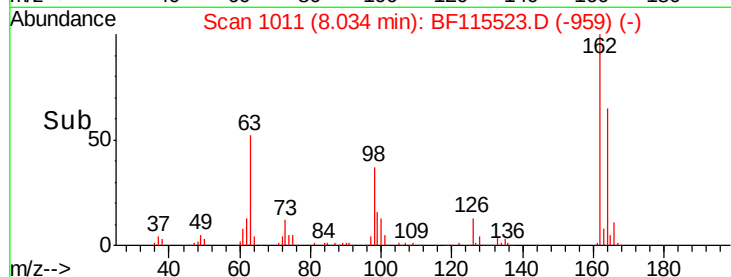
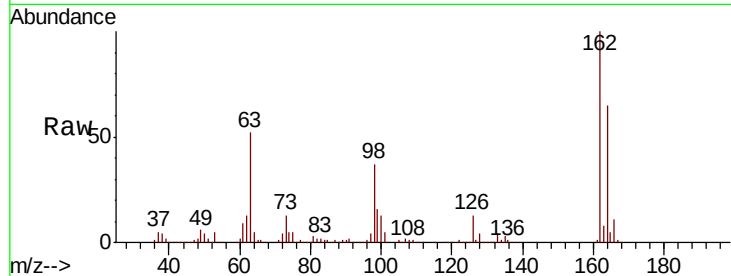




#29  
2,4-Dichlorophenol  
Concen: 74.761 ng  
RT: 8.03 min Scan# 1011  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

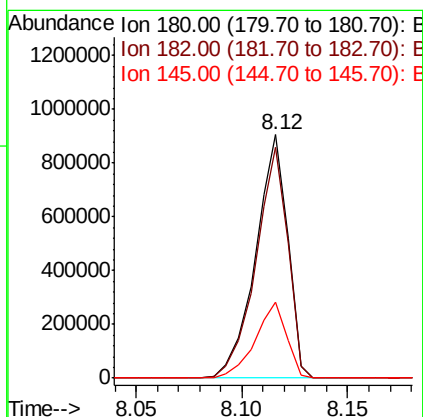
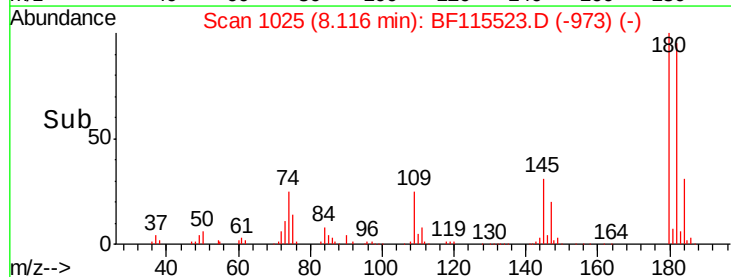
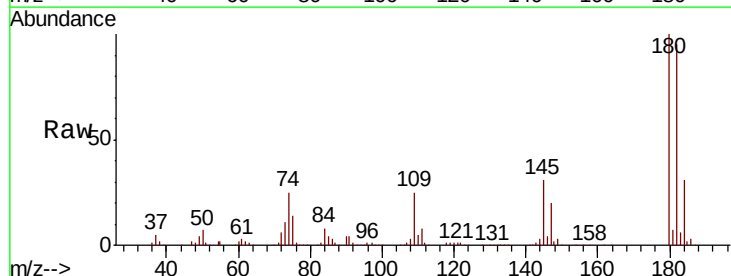
Instrument :  
BNA\_F  
ClientSampled :

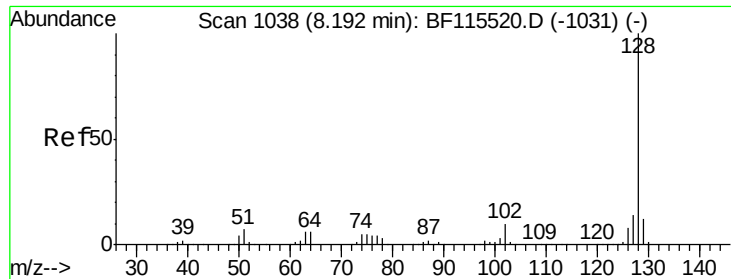
| Tot Ion   | 162  | Resp  | 853622 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 162       | 100  |       |        |
| 164       | 65.2 | 45.4  | 85.4   |
| 98        | 37.4 | 14.5  | 54.5   |



#30  
1,2,4-Trichlorobenzene  
Concen: 75.048 ng  
RT: 8.12 min Scan# 1025  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

| Tgt Ion   | 180  | Resp  | 953953 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 180       | 100  |       |        |
| 182       | 94.7 | 75.8  | 113.8  |
| 145       | 31.1 | 24.7  | 37.1   |

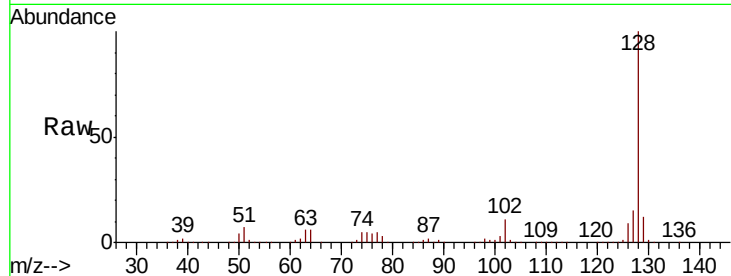




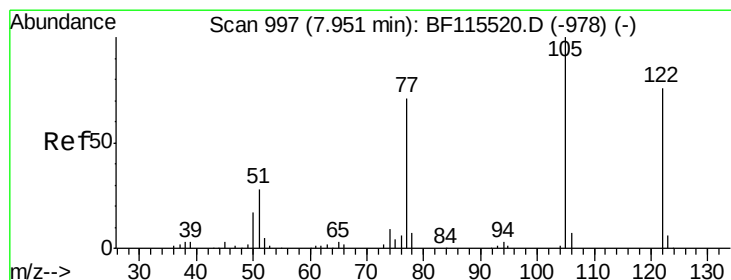
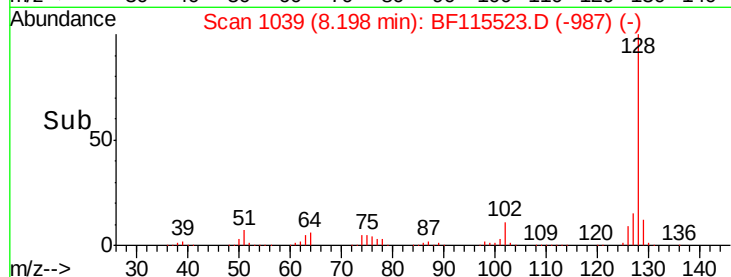
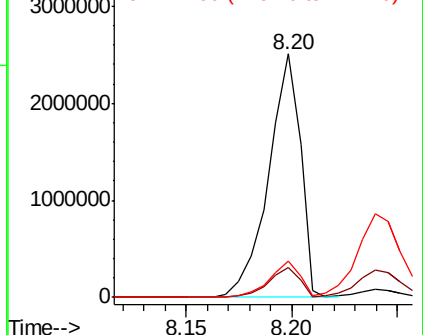
#31  
Naphthalene  
Concen: 69.593 ng  
RT: 8.20 min Scan# 1039  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:128 Resp: 2644483  
Ion Ratio Lower Upper  
128 100  
129 12.5 9.4 14.2  
127 14.9 11.2 16.8

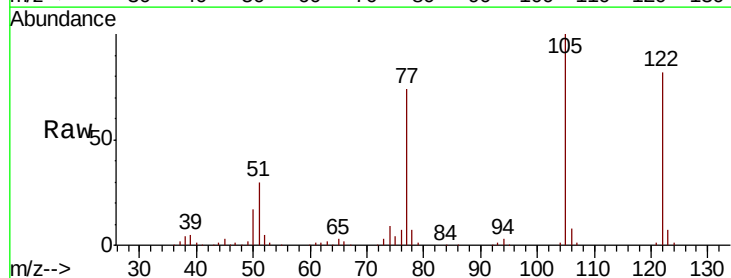


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

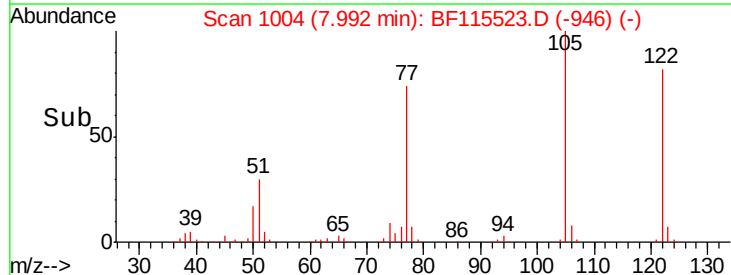
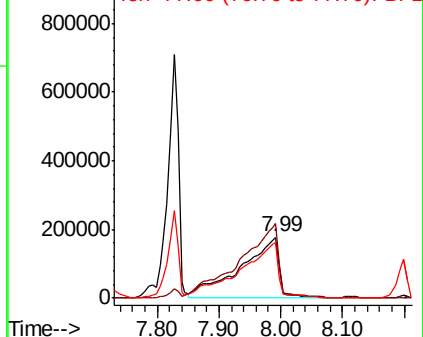


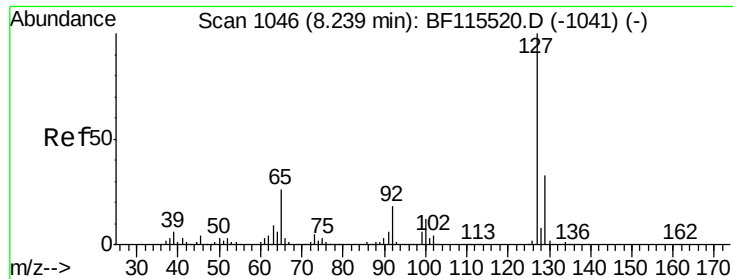
#32  
Benzoic acid  
Concen: 98.803 ng  
RT: 7.99 min Scan# 1004  
Delta R.T. 0.04 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Tgt Ion:122 Resp: 773940  
Ion Ratio Lower Upper  
122 100  
105 122.3 106.8 146.8  
77 90.5 71.7 111.7



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

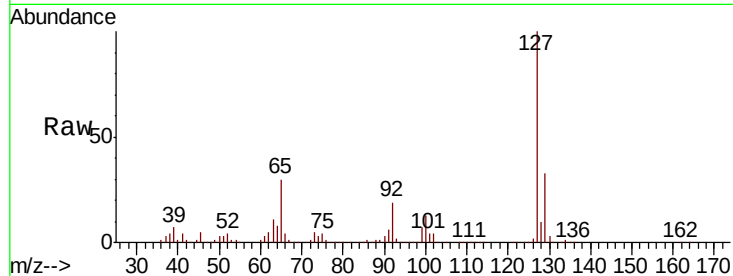




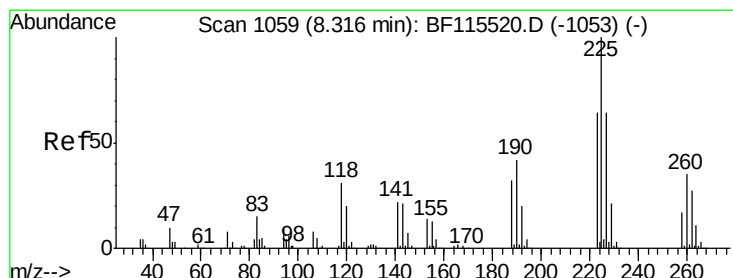
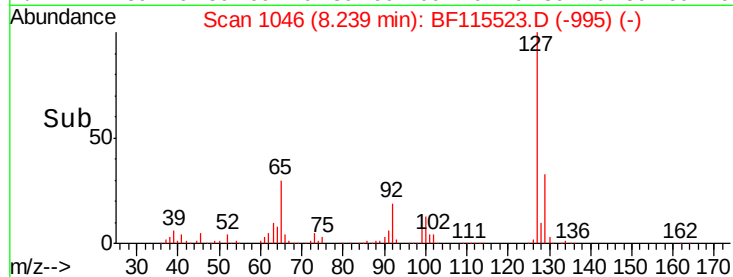
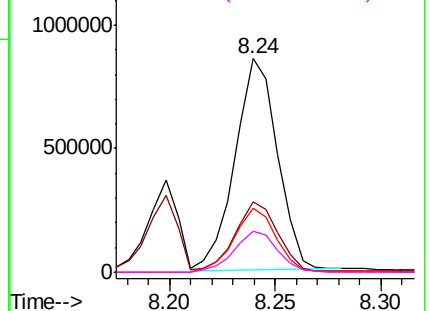
#33  
4-Chloroaniline  
Concen: 70.314 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. 0.00 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion: | 127   | Resp: | 1192114 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 127      | 100   |       |         |
| 129      | 33.1  | 26.4  | 39.6    |
| 65       | 30.0  | 21.2  | 31.8    |
| 92       | 19.2  | 14.5  | 21.7    |

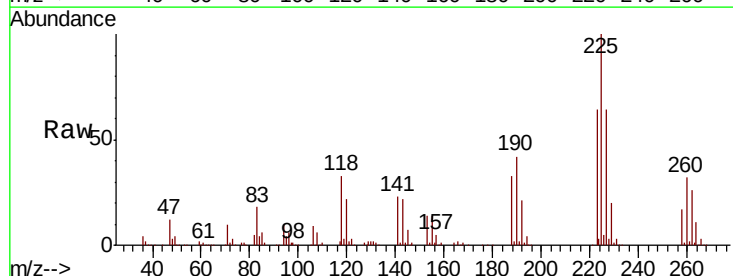


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

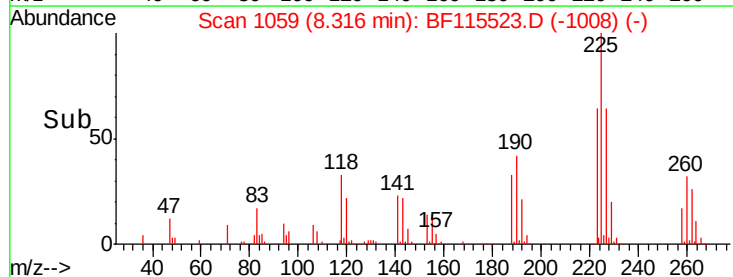
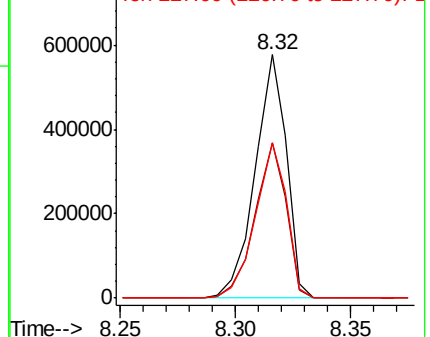


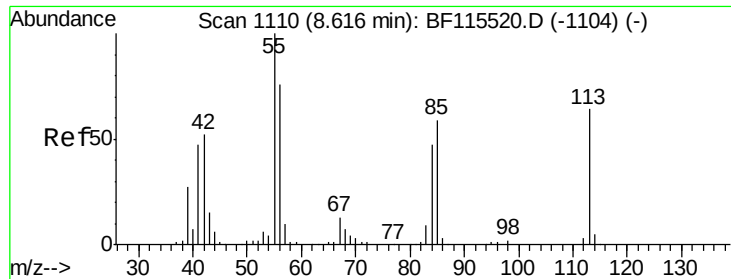
#34  
Hexachlorobutadiene  
Concen: 75.933 ng  
RT: 8.32 min Scan# 1059  
Delta R.T. 0.00 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

| Tgt Ion: | 225   | Resp: | 547376 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.8  | 50.9  | 76.3   |
| 227      | 63.9  | 51.3  | 76.9   |



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

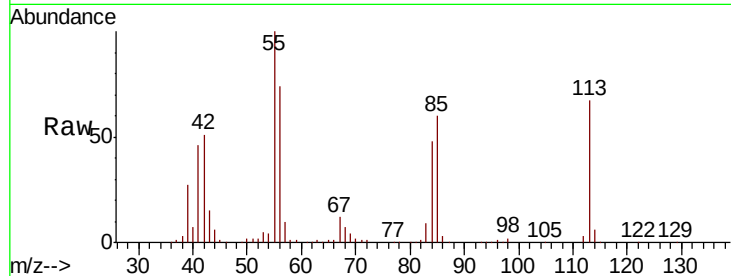




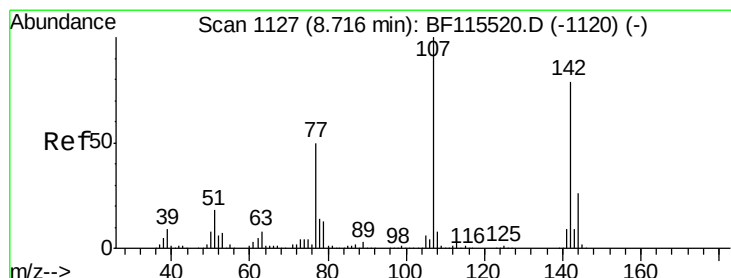
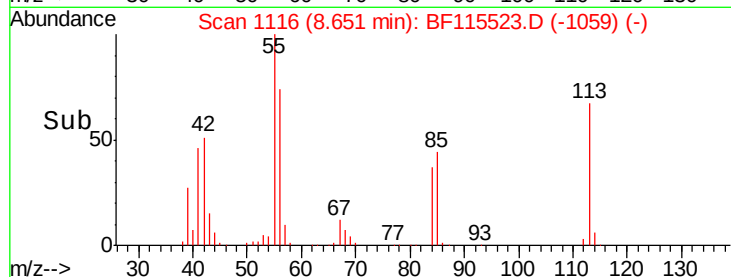
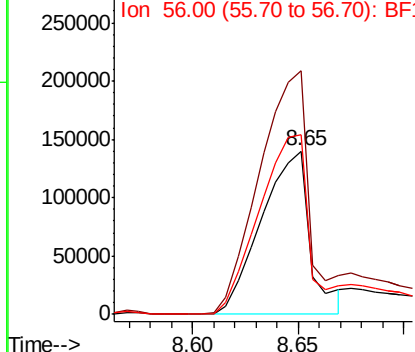
#35  
 Caprolactam  
 Concen: 60.491 ng  
 RT: 8.65 min Scan# 1116  
 Delta R.T. 0.04 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:113 Resp: 224953  
 Ion Ratio Lower Upper  
 113 100  
 55 149.2 136.8 176.8  
 56 110.1 98.7 138.7

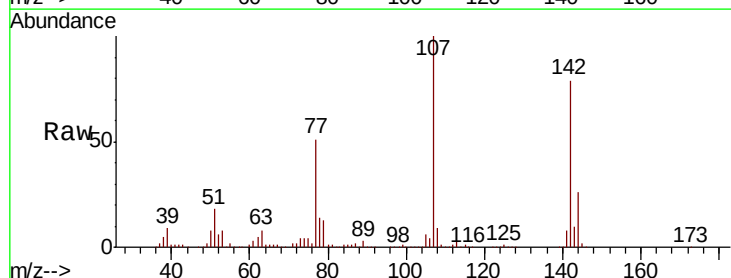


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

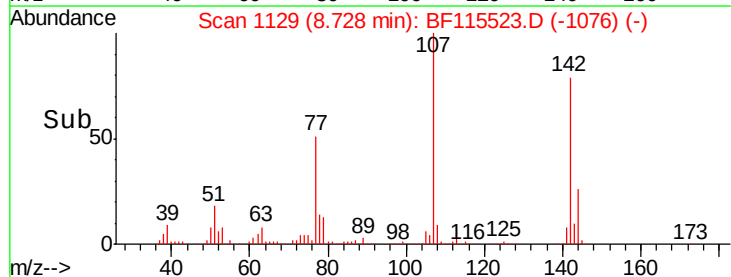
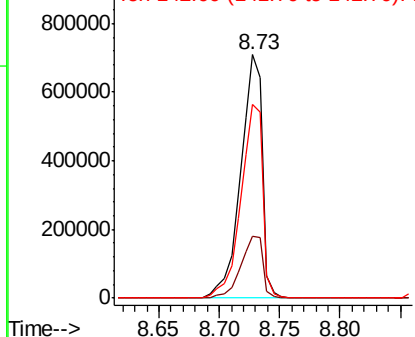


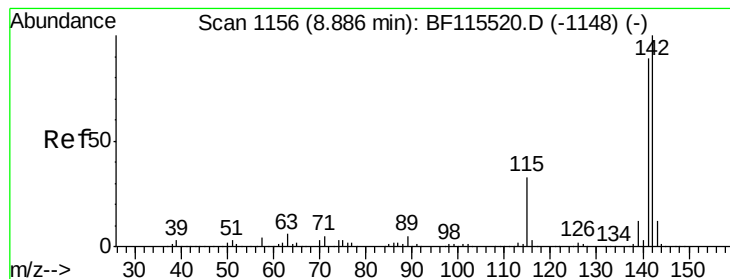
#36  
 4-Chloro-3-methylphenol  
 Concen: 73.300 ng  
 RT: 8.73 min Scan# 1129  
 Delta R.T. 0.01 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

Tgt Ion:107 Resp: 885271  
 Ion Ratio Lower Upper  
 107 100  
 144 25.7 20.4 30.6  
 142 79.5 63.5 95.3



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: 69.037 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Instrument :

BNA\_F

ClientSampleId :

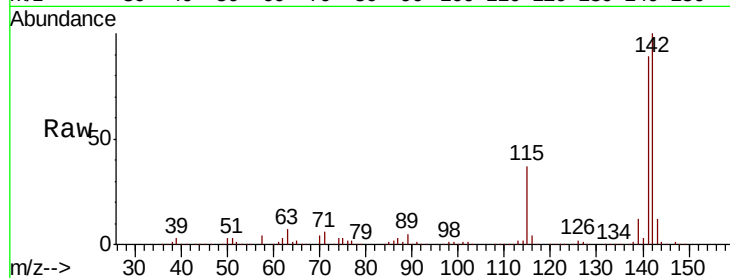
Tot Ion:142 Resp: 1753457

Ion Ratio Lower Upper

142 100

141 89.2 71.0 106.4

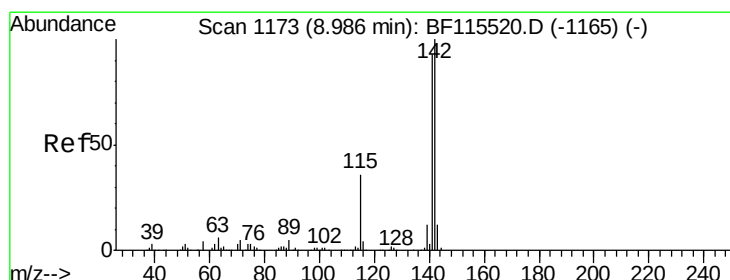
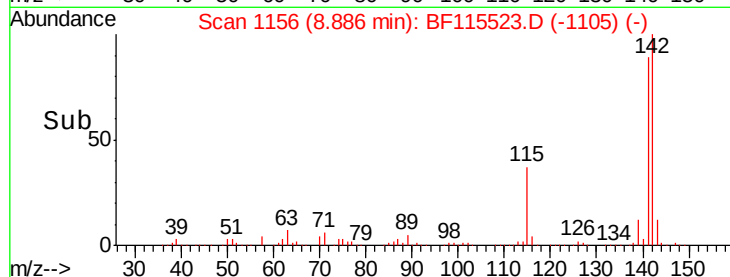
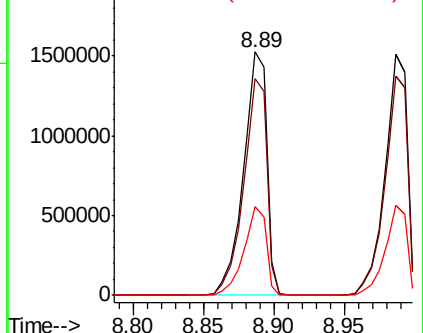
115 36.6 26.6 39.8



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: 68.609 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

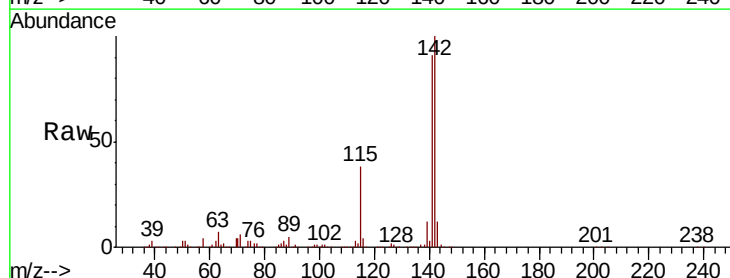
Tgt Ion:142 Resp: 1662645

Ion Ratio Lower Upper

142 100

141 90.9 74.6 112.0

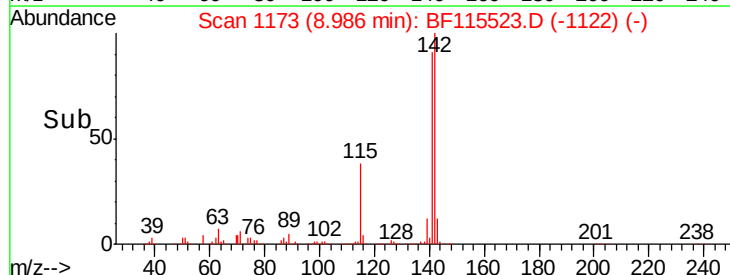
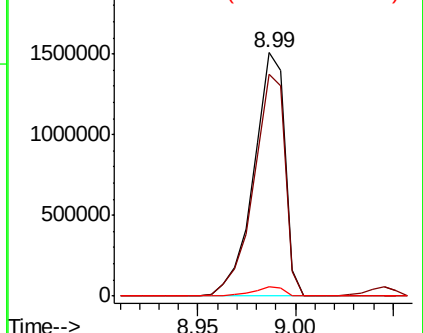
116 4.0 2.9 4.3

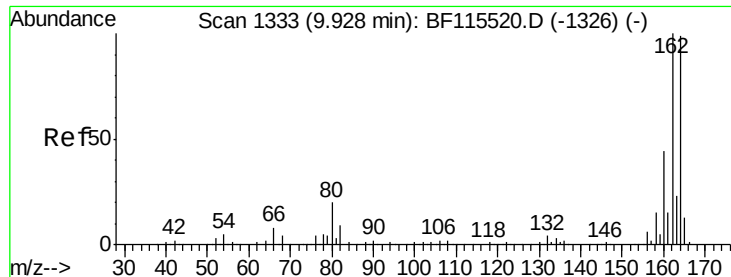


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

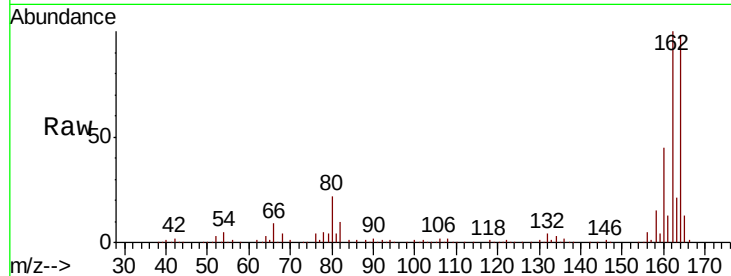




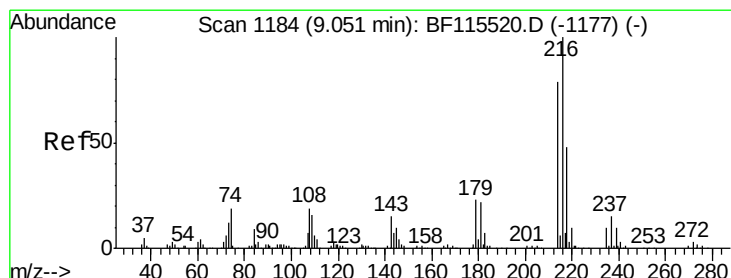
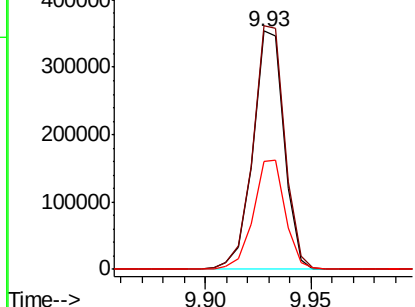
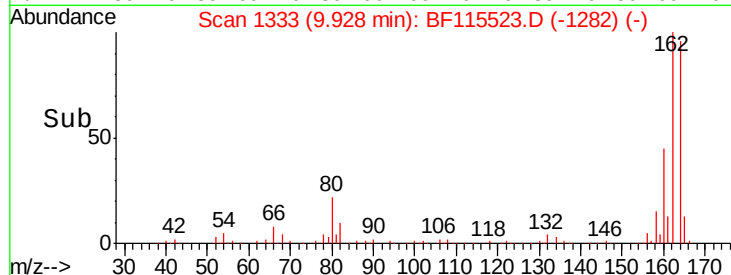
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:164 Resp: 365689  
Ion Ratio Lower Upper  
164 100  
162 102.2 80.7 121.1  
160 45.5 35.4 53.2

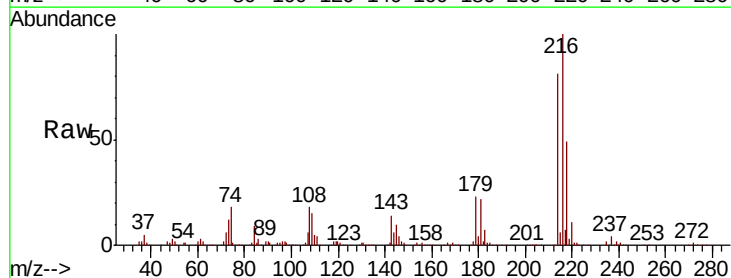


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

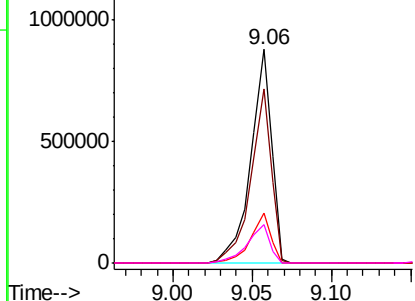
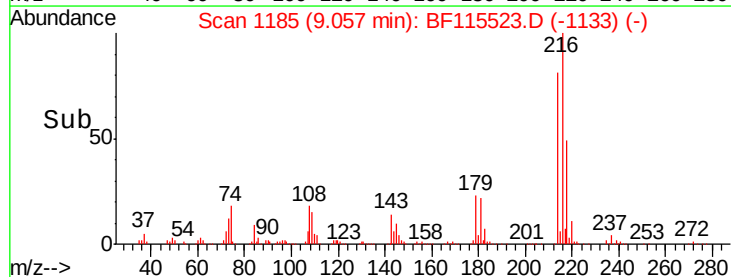


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 75.620 ng  
RT: 9.06 min Scan# 1185  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

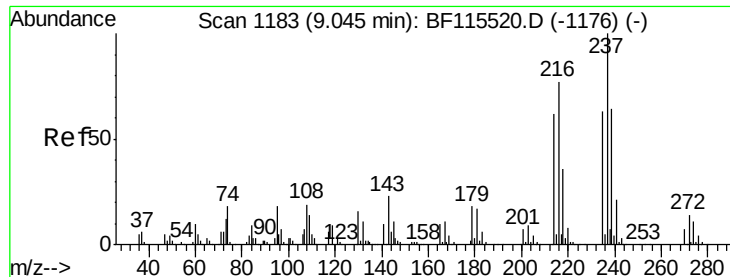
Tgt Ion:216 Resp: 795553  
Ion Ratio Lower Upper  
216 100  
214 79.9 63.0 94.6  
179 22.5 17.5 26.3  
108 19.4 15.4 23.2



Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E



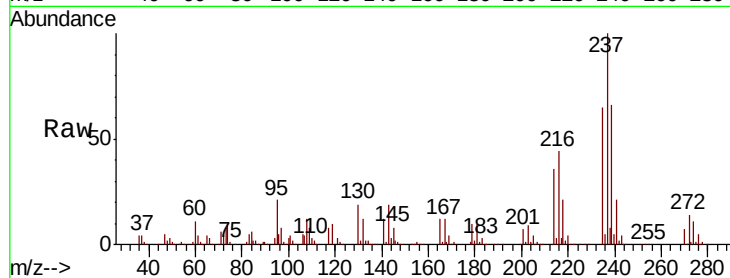




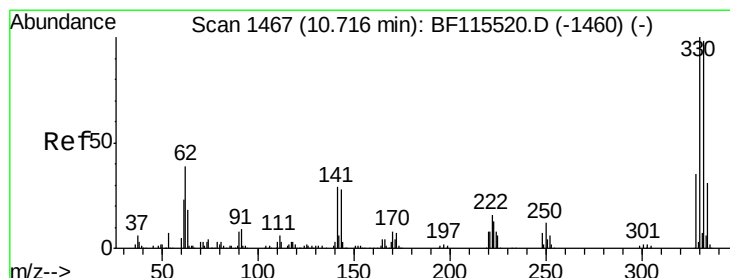
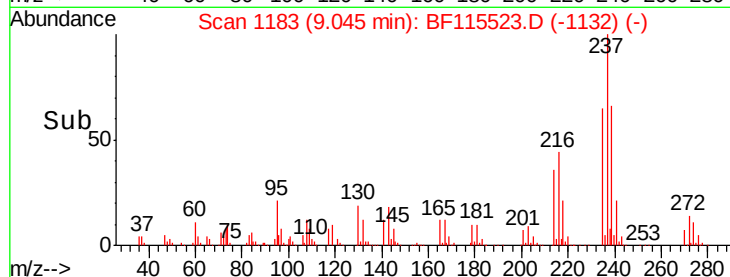
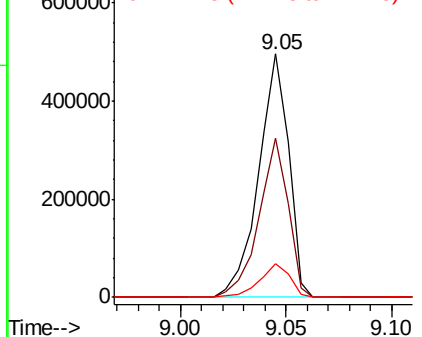
#41  
Hexachlorocyclopentadiene  
Concen: 80.704 ng  
RT: 9.05 min Scan# 1183  
Delta R.T. 0.00 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:237 Resp: 492098  
Ion Ratio Lower Upper  
237 100  
235 65.2 42.9 82.9  
272 13.9 0.0 33.8

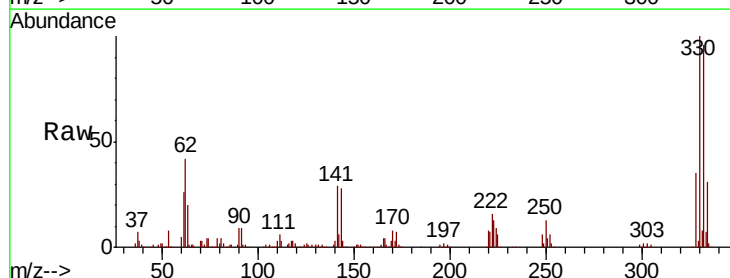


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

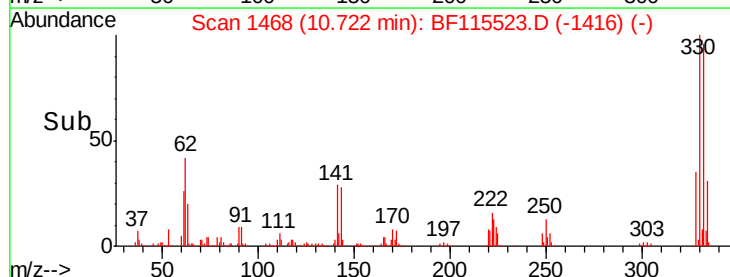
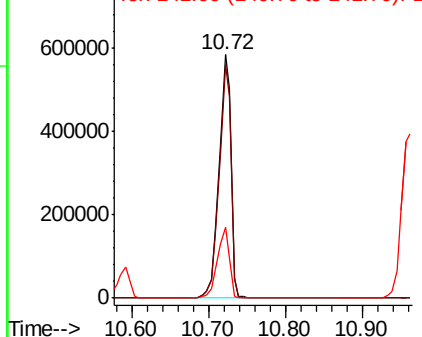


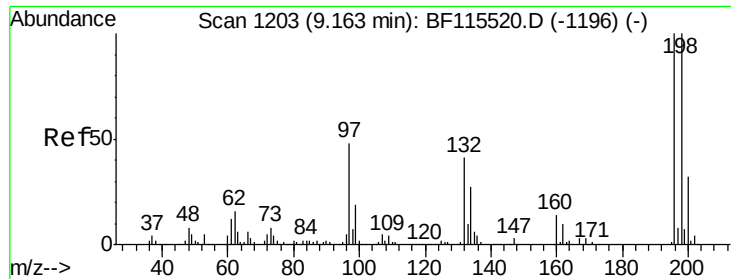
#42  
2,4,6-Tribromophenol  
Concen: 153.156 ng  
RT: 10.72 min Scan# 1468  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Tgt Ion:330 Resp: 619257  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.8 116.8  
141 29.0 24.6 37.0



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

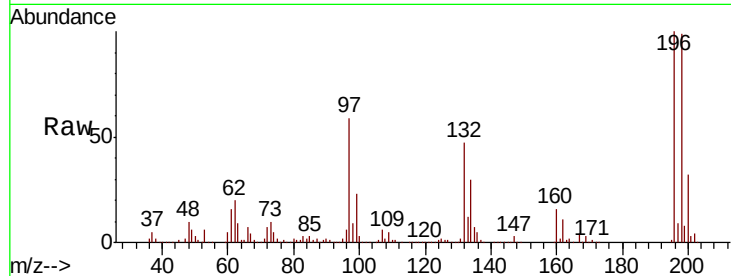




#43  
 2,4,6-Trichlorophenol  
 Concen: 79.867 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. 0.00 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | 196   | Resp  | 611710 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 196     | 100   |       |        |
| 198     | 99.0  | 80.3  | 120.5  |
| 200     | 32.1  | 26.0  | 39.0   |

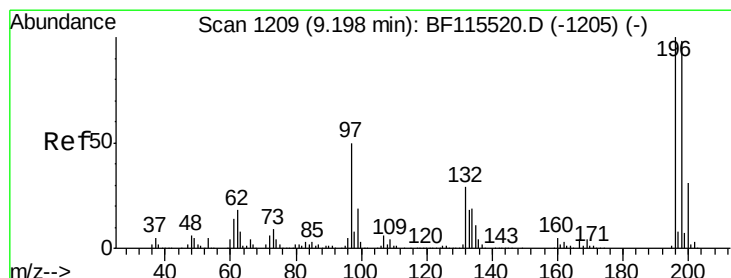
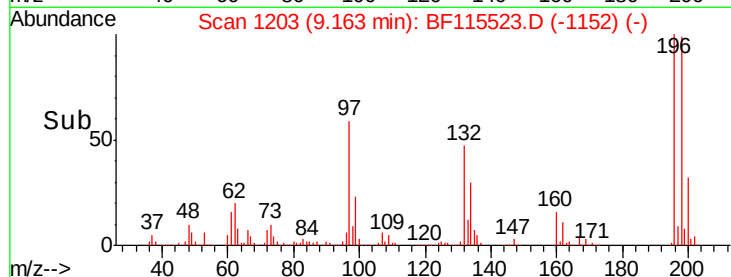
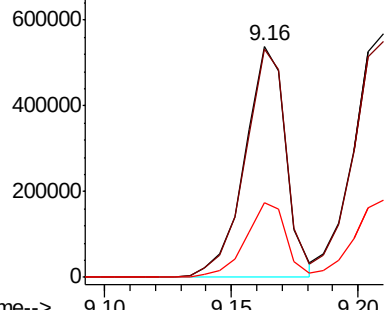


Abundance

Ion 196.00 (195.70 to 196.70): E

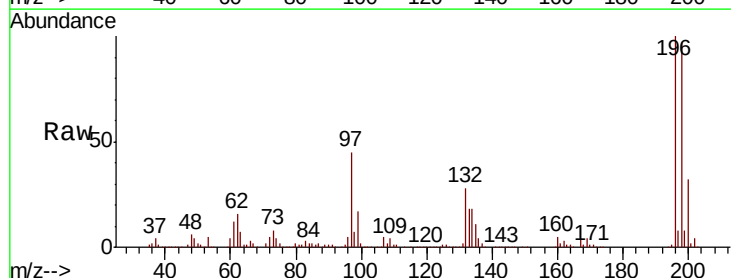
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 79.086 ng  
 RT: 9.21 min Scan# 1211  
 Delta R.T. 0.01 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

| Tgt Ion | 196   | Resp  | 628094 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 196     | 100   |       |        |
| 198     | 96.9  | 78.8  | 118.2  |
| 97      | 44.9  | 39.8  | 59.6   |
| 132     | 27.6  | 23.0  | 34.6   |



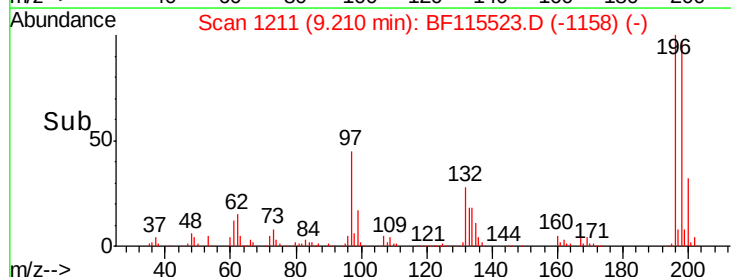
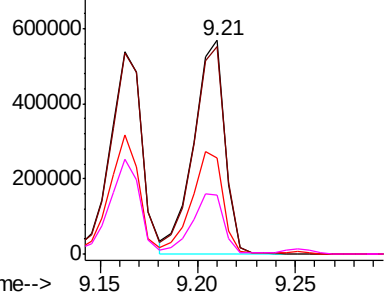
Abundance

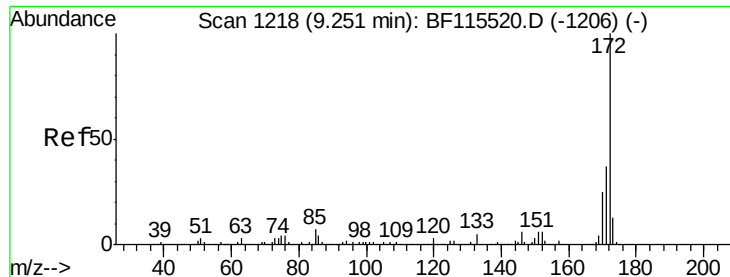
Ion 196.00 (195.70 to 196.70): E

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

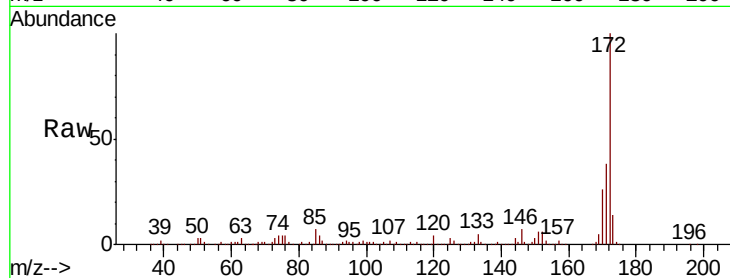




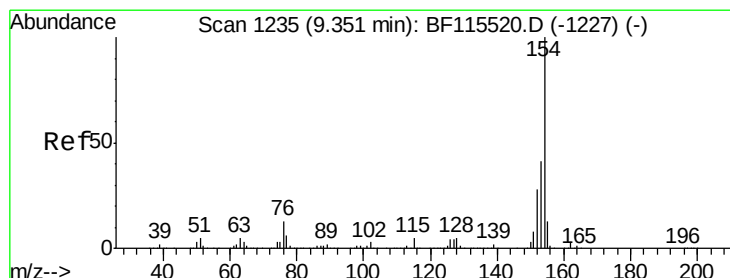
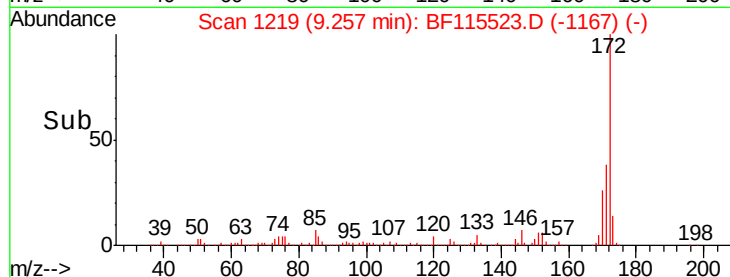
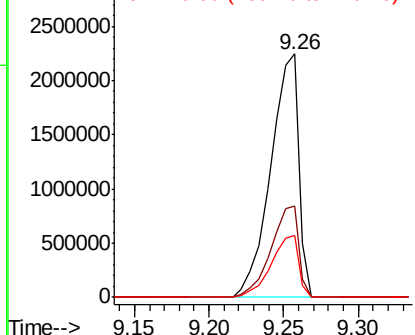
#45  
2-Fluorobiphenyl  
Concen: 141.230 ng  
RT: 9.26 min Scan# 1219  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 2943226  
Ion Ratio Lower Upper  
172 100  
171 37.8 29.3 43.9  
170 25.6 20.2 30.4

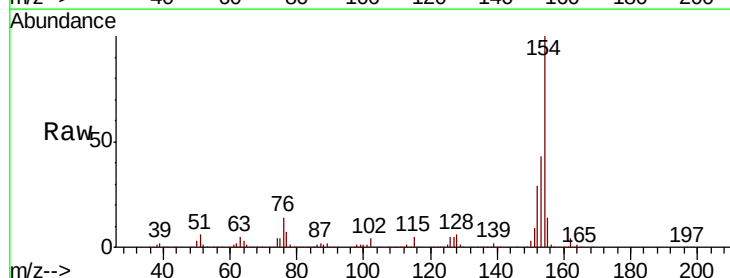


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

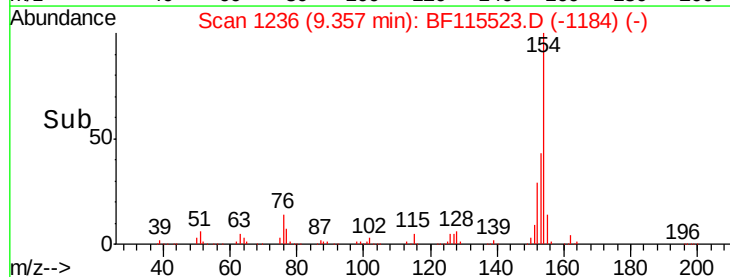
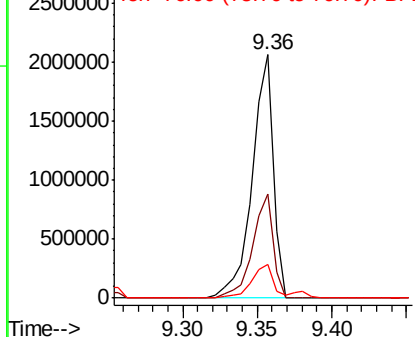


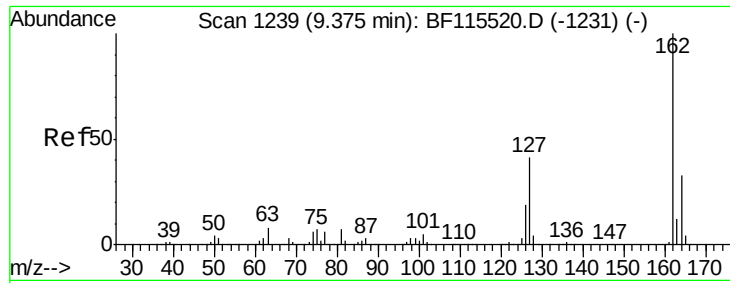
#46  
1,1'-Biphenyl  
Concen: 69.586 ng  
RT: 9.36 min Scan# 1236  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Tgt Ion:154 Resp: 2000502  
Ion Ratio Lower Upper  
154 100  
153 42.8 21.5 61.5  
76 13.6 0.0 32.9



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

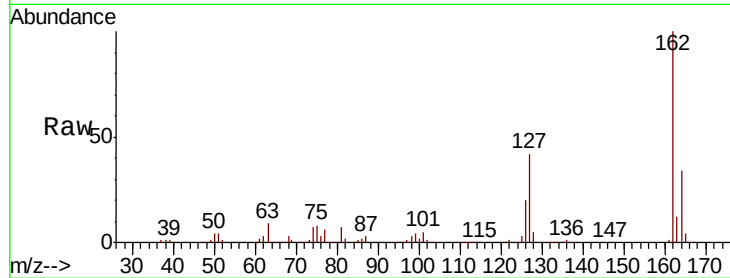




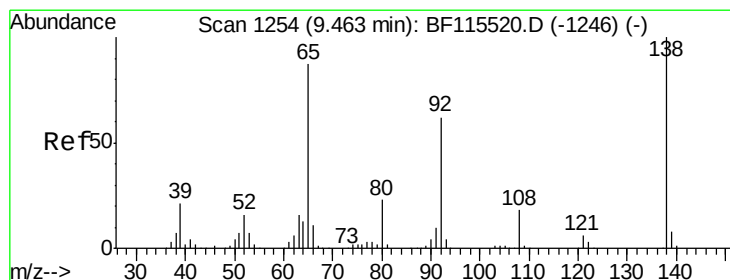
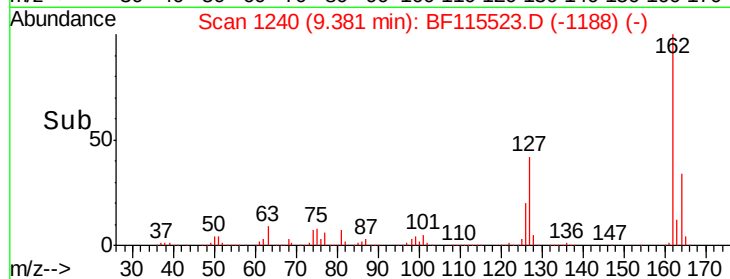
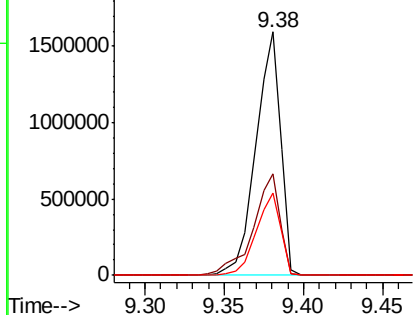
#47  
 2-Chloronaphthalene  
 Concen: 73.058 ng  
 RT: 9.38 min Scan# 1240  
 Delta R.T. 0.01 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:162 Resp: 1735873  
 Ion Ratio Lower Upper  
 162 100  
 127 41.9 33.0 49.4  
 164 33.8 26.7 40.1

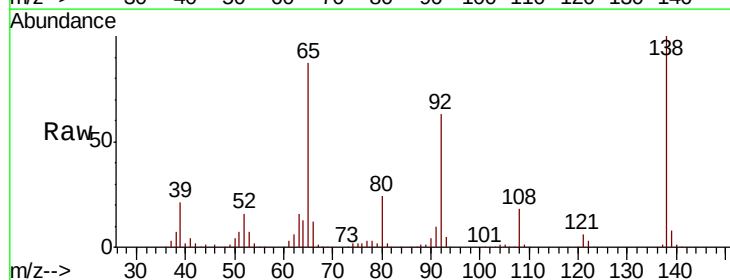


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

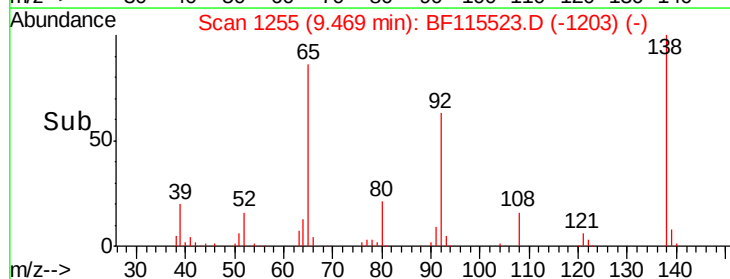
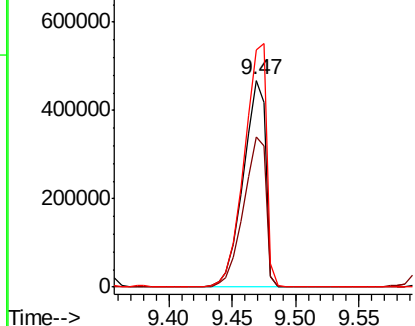


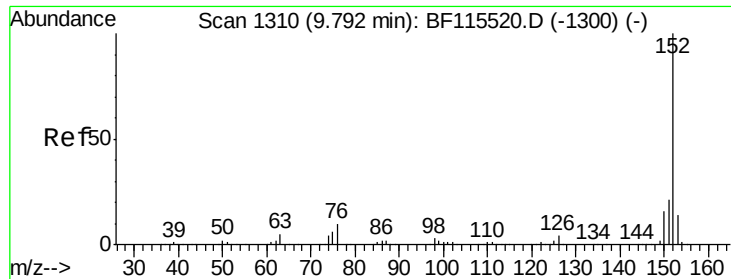
#48  
 2-Nitroaniline  
 Concen: 82.165 ng  
 RT: 9.47 min Scan# 1255  
 Delta R.T. 0.01 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

Tgt Ion: 65 Resp: 573574  
 Ion Ratio Lower Upper  
 65 100  
 92 72.6 56.8 85.2  
 138 114.6 91.6 137.4



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: 69.139 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Instrument :

BNA\_F

ClientSampleId :

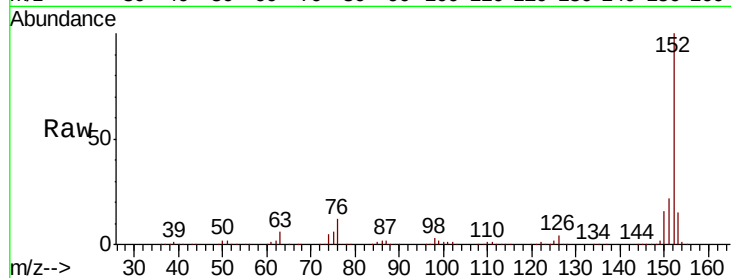
Tot Ion:152 Resp: 2487204

Ion Ratio Lower Upper

152 100

151 22.0 17.1 25.7

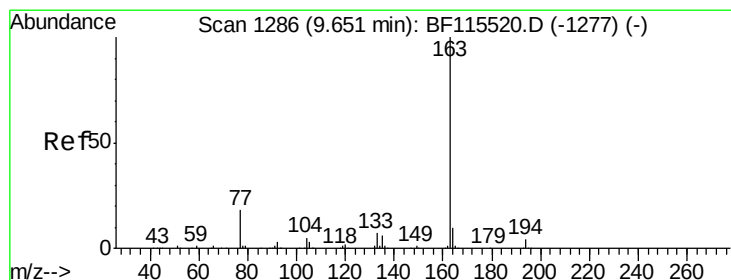
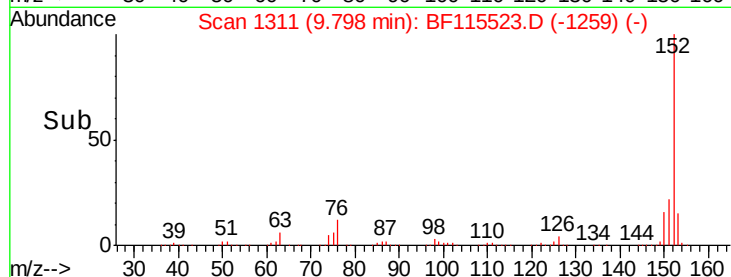
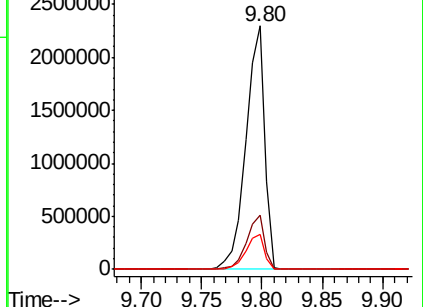
153 14.6 11.4 17.0



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: 73.724 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

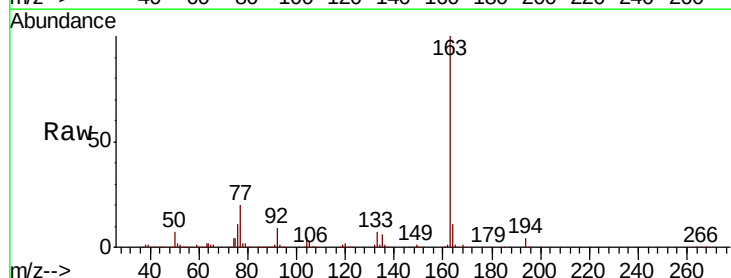
Tgt Ion:163 Resp: 2023535

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

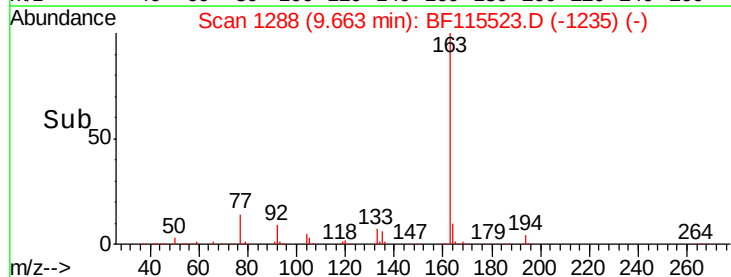
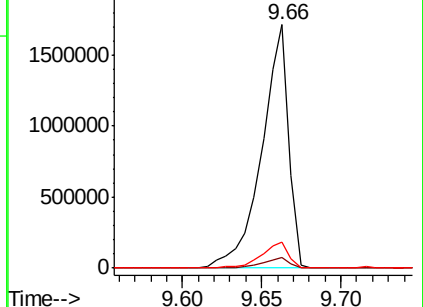
164 10.6 8.4 12.6

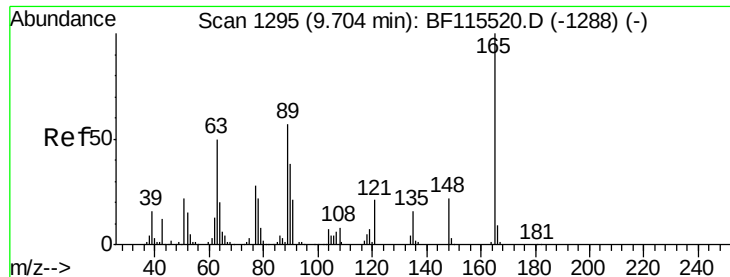


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

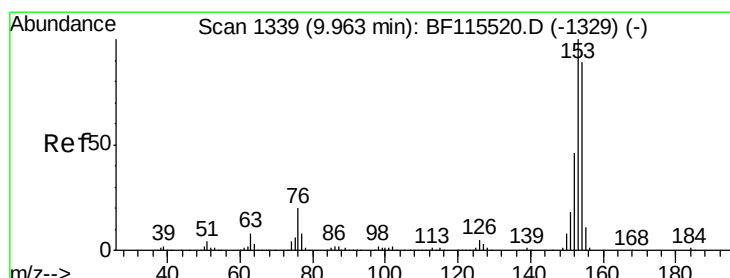
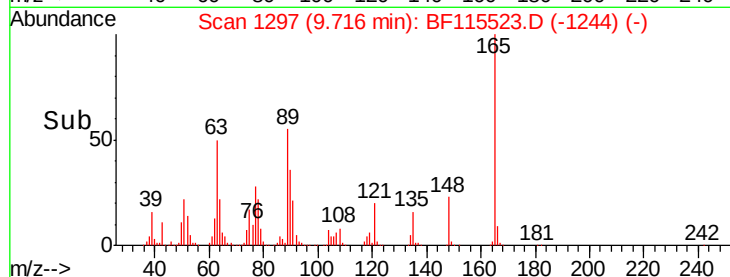
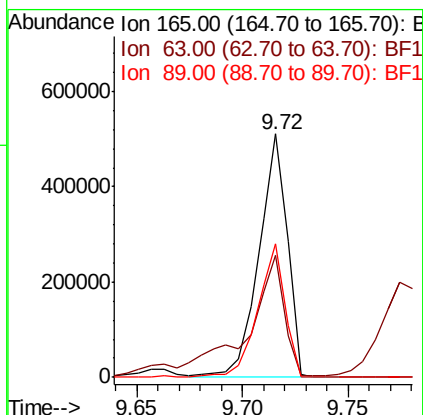
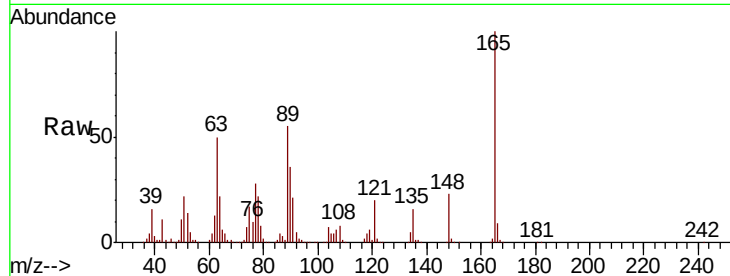




#51  
 2,6-Dinitrotoluene  
 Concen: 80.156 ng  
 RT: 9.72 min Scan# 1297  
 Delta R.T. 0.01 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

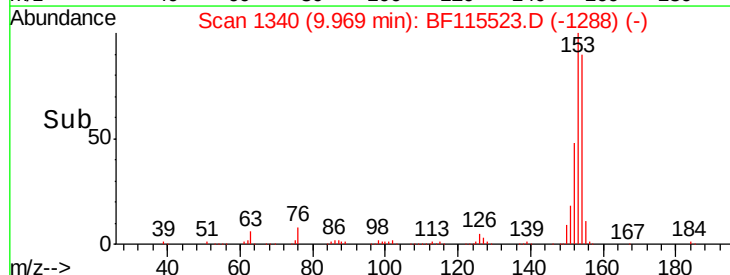
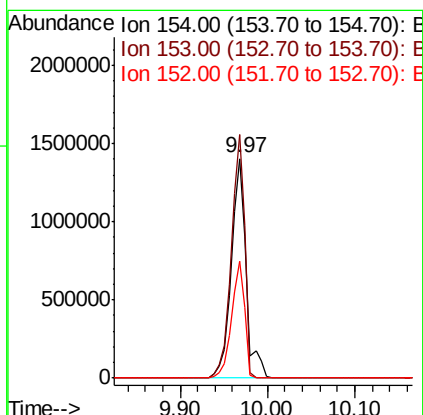
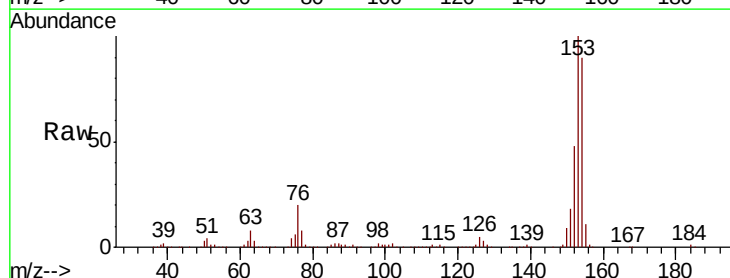
Instrument :  
 BNA\_F  
 ClientSampleId :

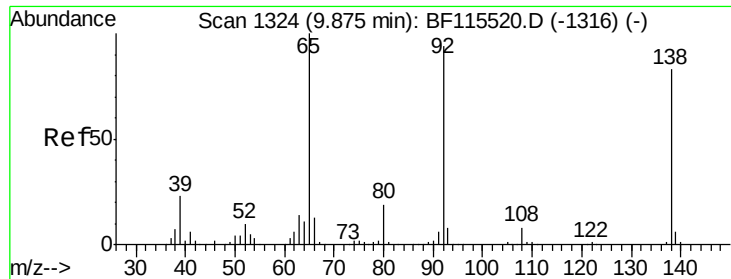
Tot Ion:165 Resp: 477151  
 Ion Ratio Lower Upper  
 165 100  
 63 50.3 42.6 63.8  
 89 54.6 45.2 67.8



#52  
 Acenaphthene  
 Concen: 72.608 ng  
 RT: 9.97 min Scan# 1340  
 Delta R.T. 0.01 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

Tgt Ion:154 Resp: 1643871  
 Ion Ratio Lower Upper  
 154 100  
 153 110.9 89.8 134.8  
 152 53.0 41.7 62.5

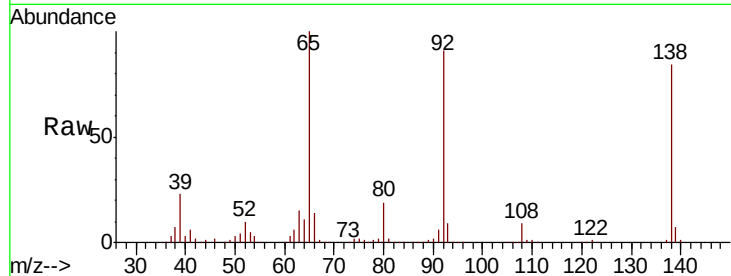




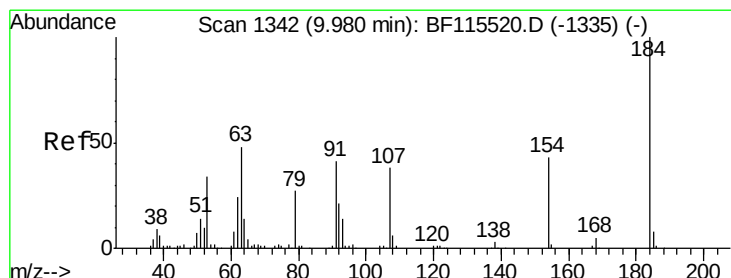
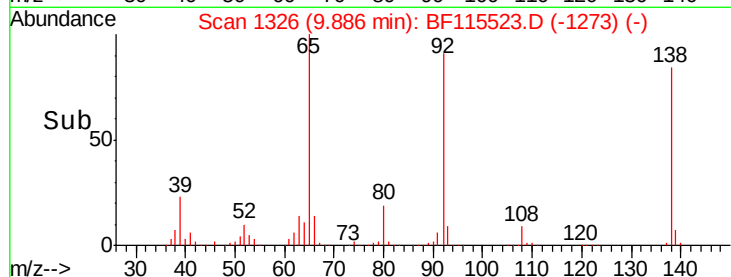
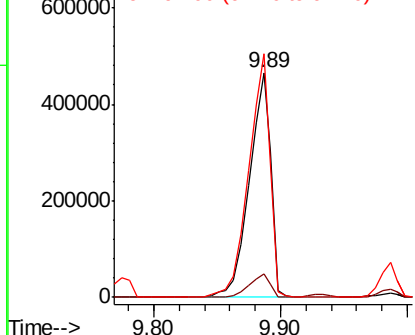
#53  
3-Nitroaniline  
Concen: 79.634 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 550574  
Ion Ratio Lower Upper  
138 100  
108 10.2 8.1 12.1  
92 108.2 90.0 135.0

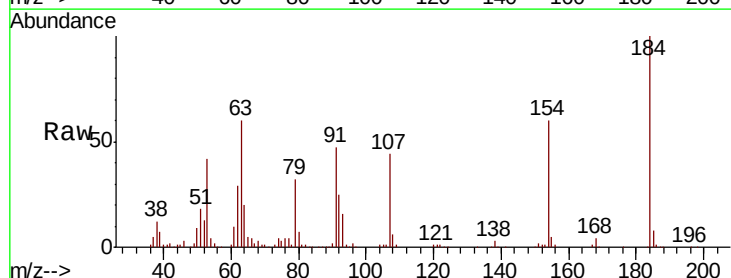


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

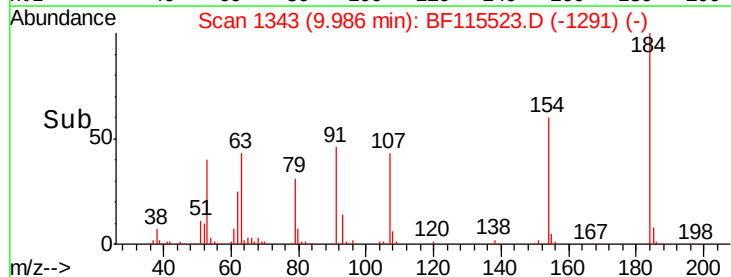
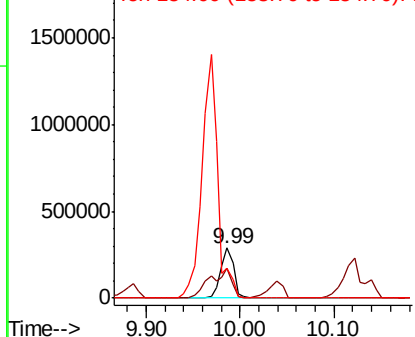


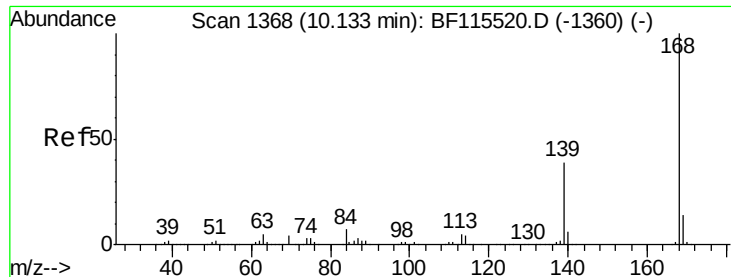
#54  
2,4-Dinitrophenol  
Concen: 134.492 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Tgt Ion:184 Resp: 280141  
Ion Ratio Lower Upper  
184 100  
63 59.7 39.8 59.6#  
154 60.4 46.8 70.2



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E

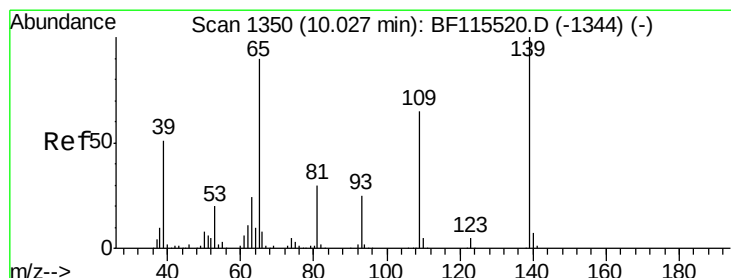
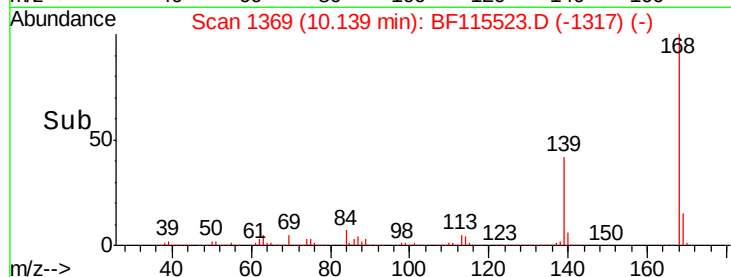
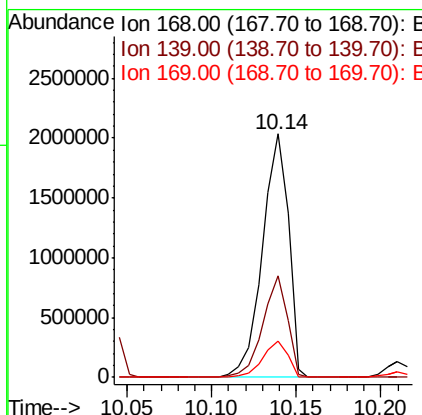
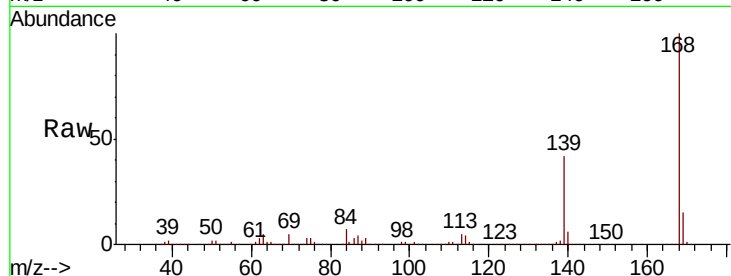




#55  
Dibenzofuran  
Concen: 68.354 ng  
RT: 10.14 min Scan# 1369  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

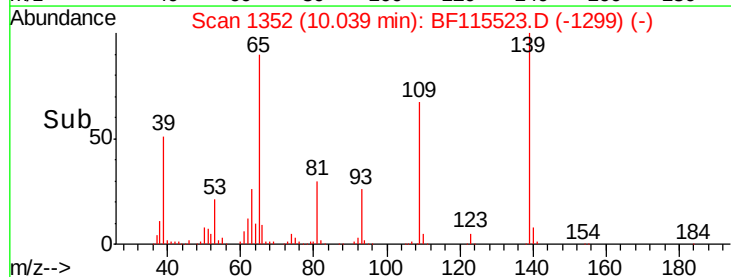
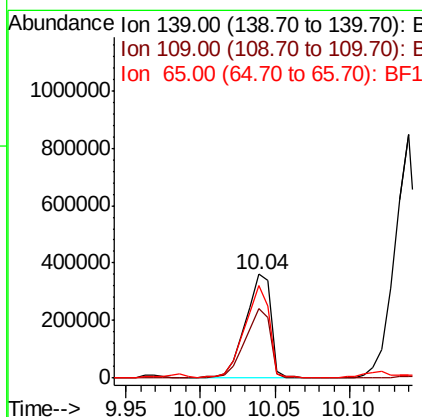
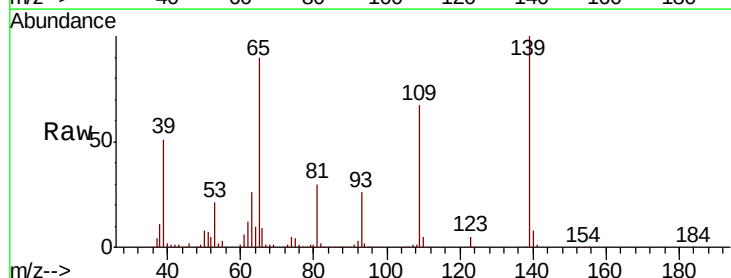
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 2179976  
Ion Ratio Lower Upper  
168 100  
139 41.6 31.1 46.7  
169 14.9 11.1 16.7

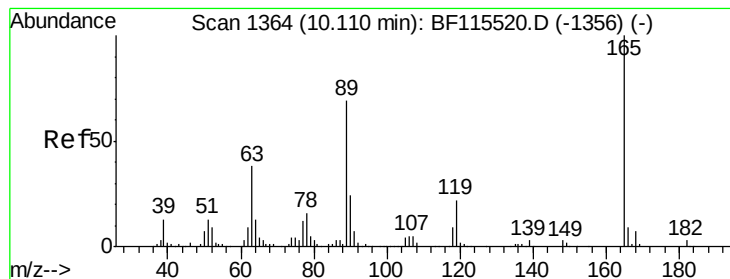


#56  
4-Nitrophenol  
Concen: 79.552 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Tgt Ion:139 Resp: 425532  
Ion Ratio Lower Upper  
139 100  
109 66.9 45.5 85.5  
65 89.8 70.7 110.7







#57

2,4-Dinitrotoluene

Concen: 81.265 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:165 Resp: 614780

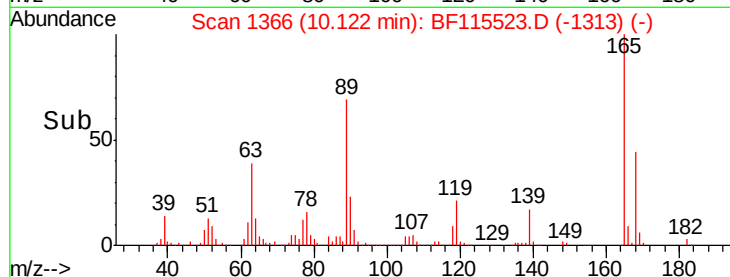
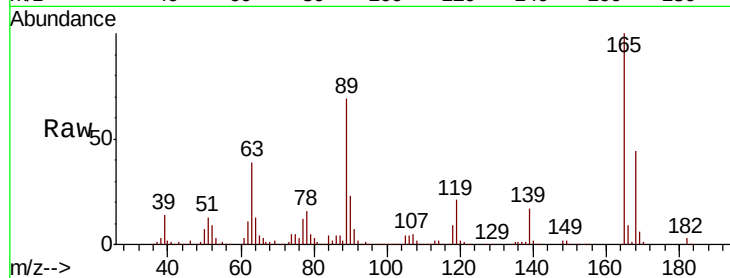
Ion Ratio Lower Upper

165 100

63 39.1 31.0 46.4

89 68.6 55.3 82.9

182 2.8 2.3 3.5

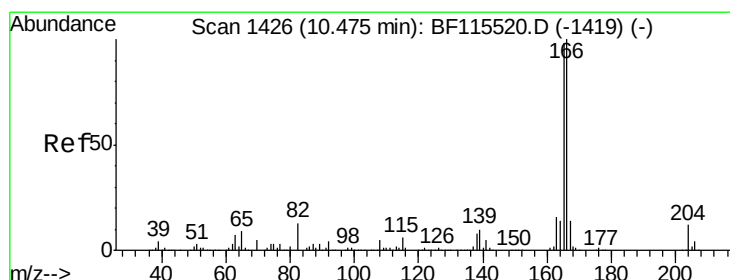
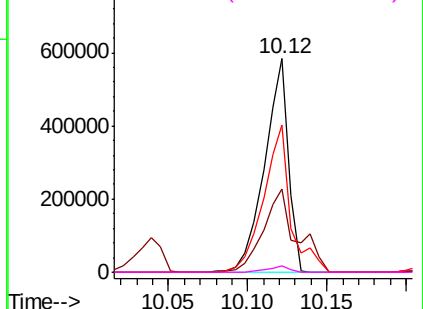


Abundance Ion 165.00 (164.70 to 165.70): E

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: 62.890 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

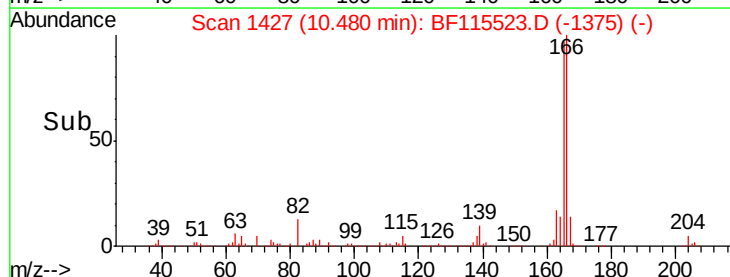
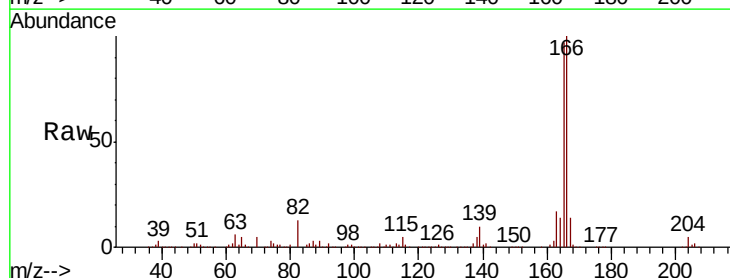
Tgt Ion:166 Resp: 1581104

Ion Ratio Lower Upper

166 100

165 96.6 78.7 118.1

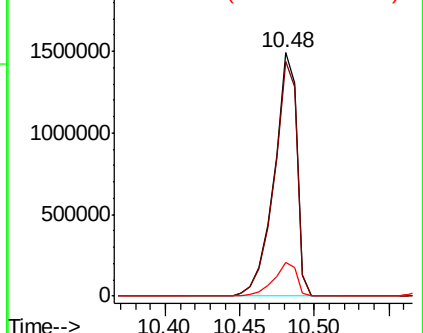
167 13.8 11.2 16.8

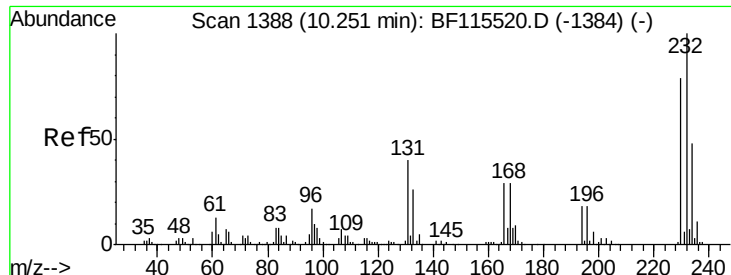


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

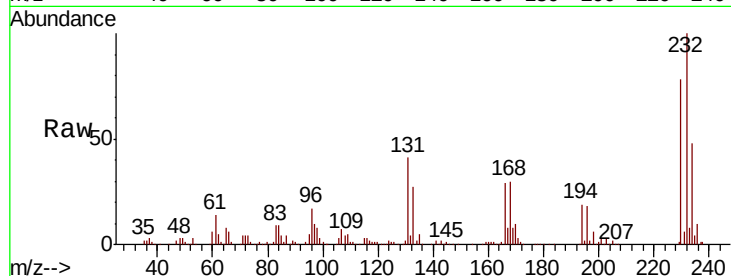




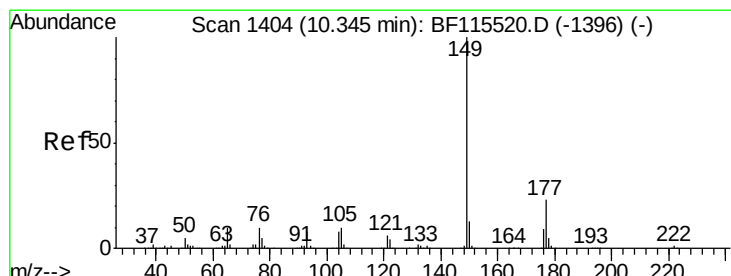
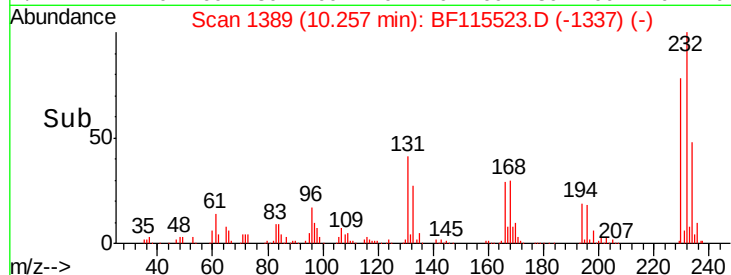
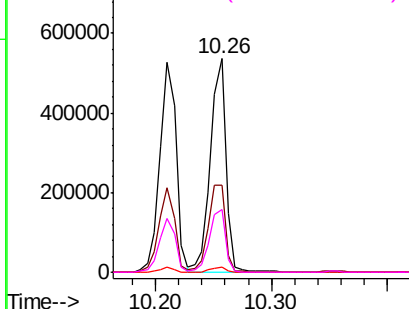
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 73.721 ng  
RT: 10.26 min Scan# 1389  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:232 Resp: 505780  
Ion Ratio Lower Upper  
232 100  
131 44.3 35.6 53.4  
130 2.2 1.7 2.5  
166 30.4 24.5 36.7

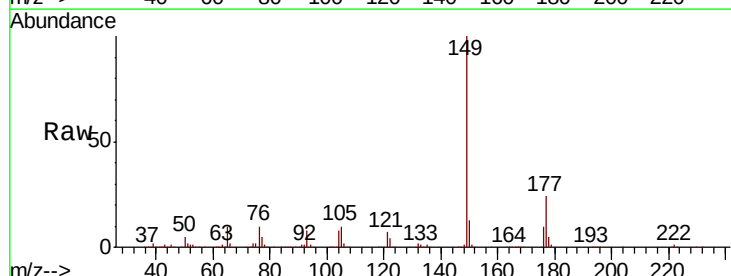


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

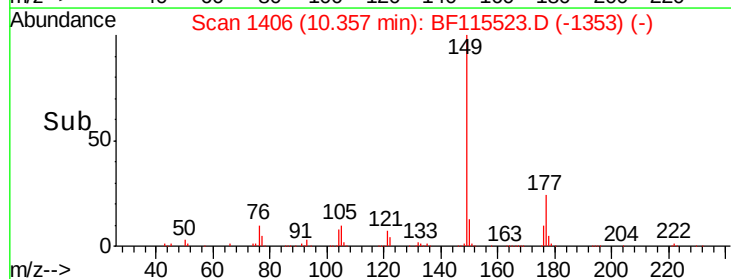
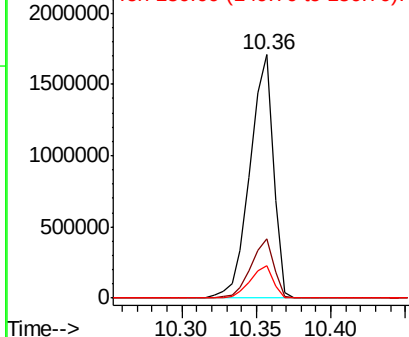


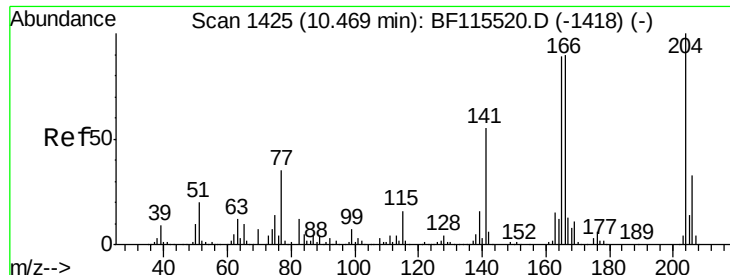
#60  
Diethylphthalate  
Concen: 68.392 ng  
RT: 10.36 min Scan# 1406  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Tgt Ion:149 Resp: 1847700  
Ion Ratio Lower Upper  
149 100  
177 24.3 18.7 28.1  
150 13.3 10.3 15.5



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

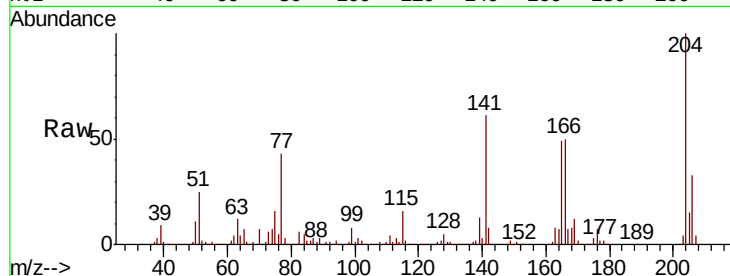




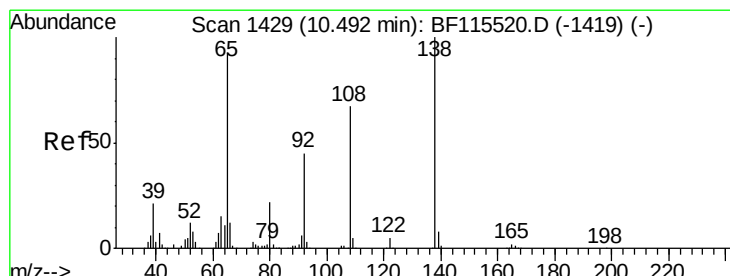
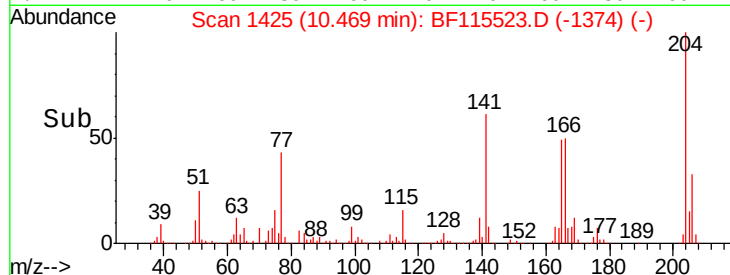
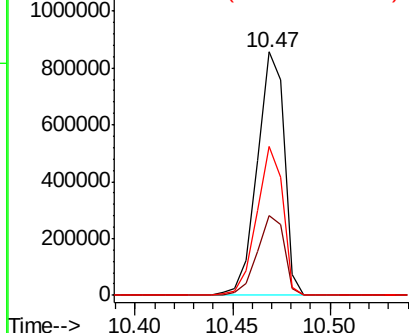
#61  
 4-Chlorophenyl-phenylether  
 Concen: 66.812 ng  
 RT: 10.47 min Scan# 1425  
 Delta R.T. 0.00 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:204 Resp: 819830  
 Ion Ratio Lower Upper  
 204 100  
 206 32.6 26.7 40.1  
 141 60.9 44.2 66.2

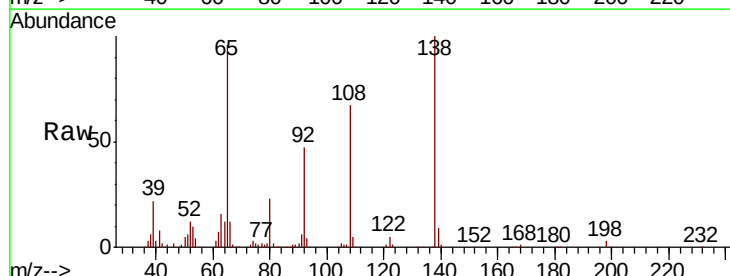


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

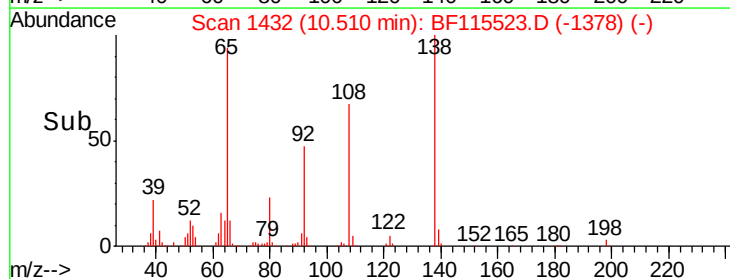
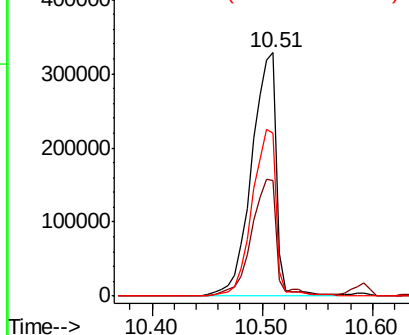


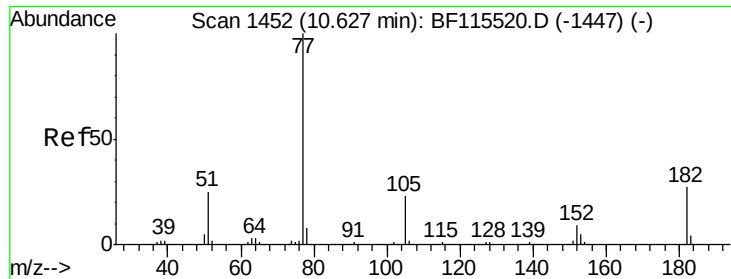
#62  
 4-Nitroaniline  
 Concen: 76.718 ng  
 RT: 10.51 min Scan# 1432  
 Delta R.T. 0.02 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

Tgt Ion:138 Resp: 520645  
 Ion Ratio Lower Upper  
 138 100  
 92 47.5 25.1 65.1  
 108 67.0 46.7 86.7



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





#63

Azobenzene

Concen: 63.805 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 1776895

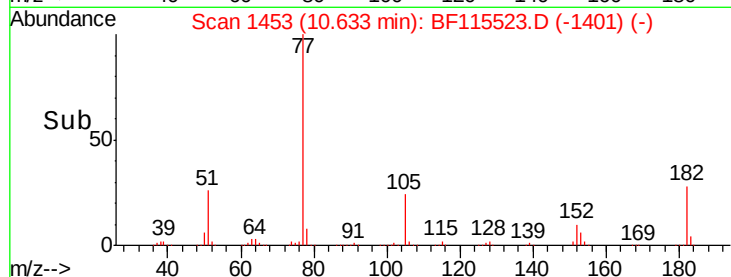
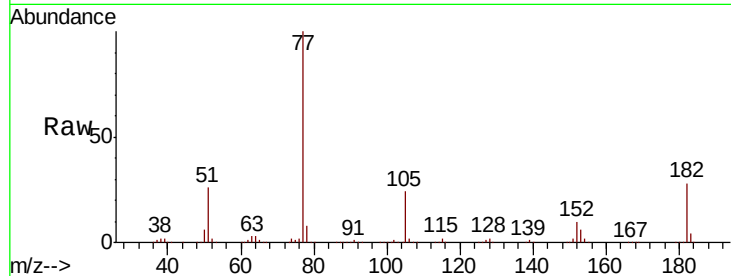
Ion Ratio Lower Upper

77 100

182 28.3 6.6 46.6

105 24.1 3.2 43.2

51 26.2 5.4 45.4

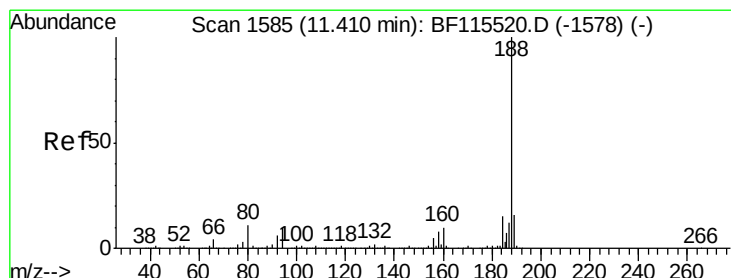
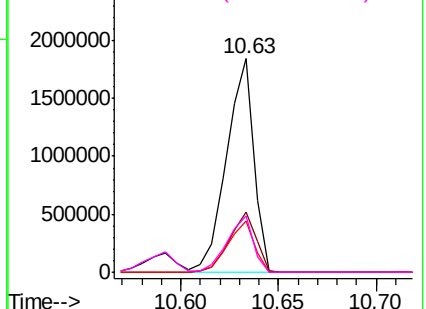


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

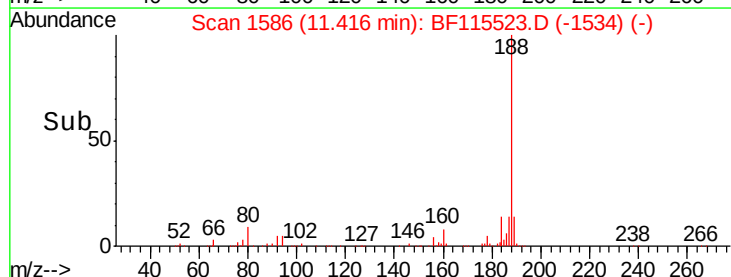
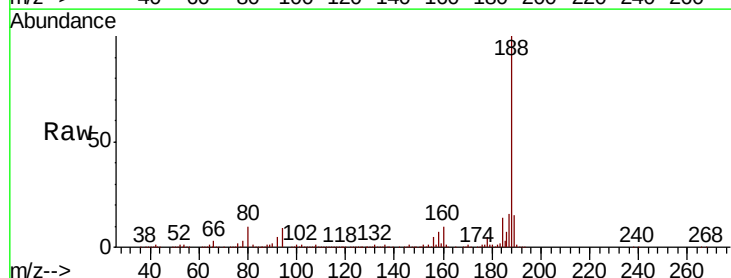
Tgt Ion: 188 Resp: 672623

Ion Ratio Lower Upper

188 100

94 9.2 8.3 12.5

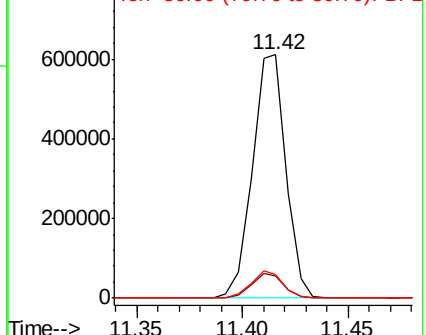
80 9.6 9.0 13.4

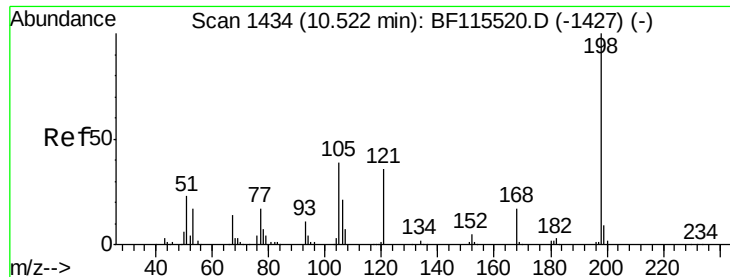


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 117.726 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

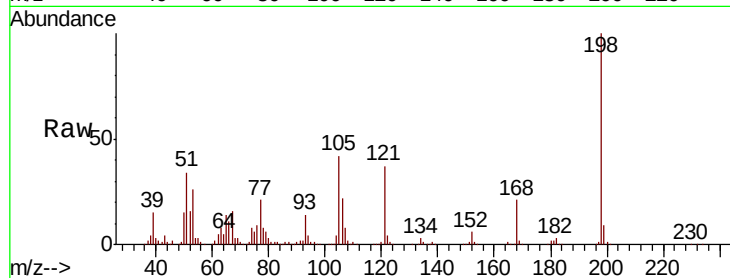
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:198 Resp: 344009

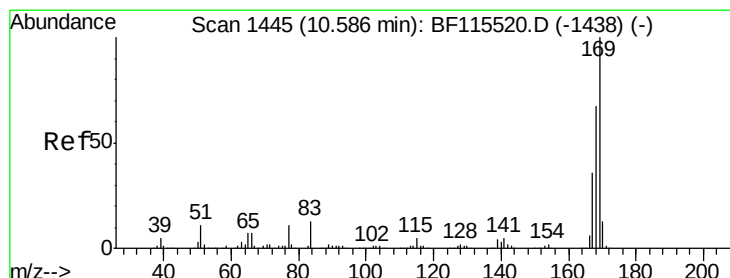
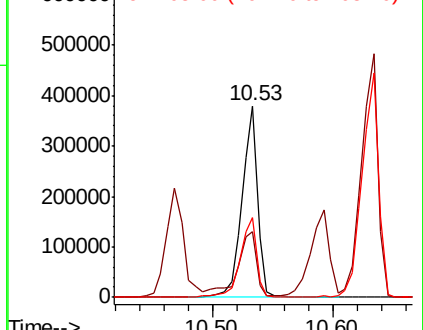
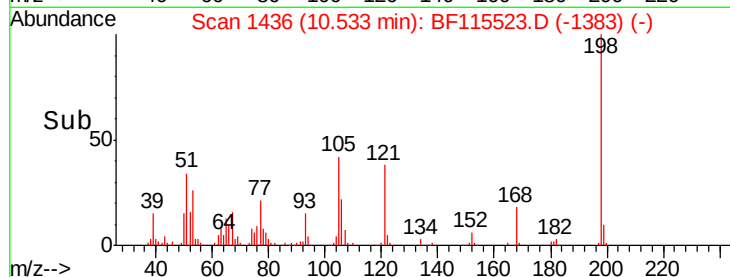
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 34.1  | 12.0  | 52.0  |
| 105 | 41.9  | 19.5  | 59.5  |



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 72.929 ng

RT: 10.59 min Scan# 1446

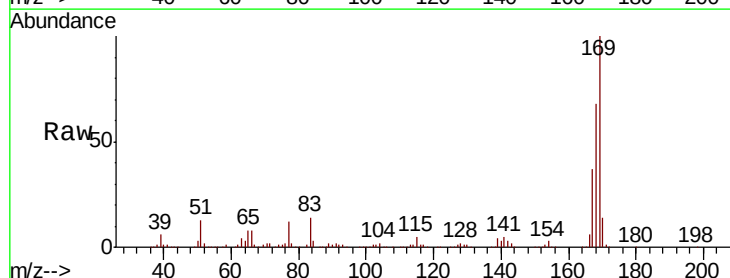
Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Tgt Ion:169 Resp: 1545601

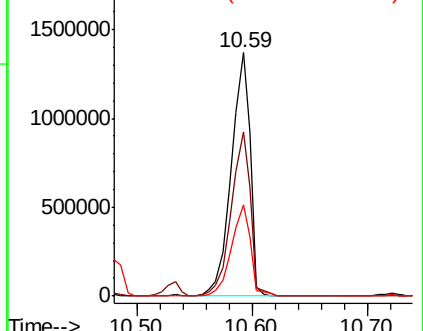
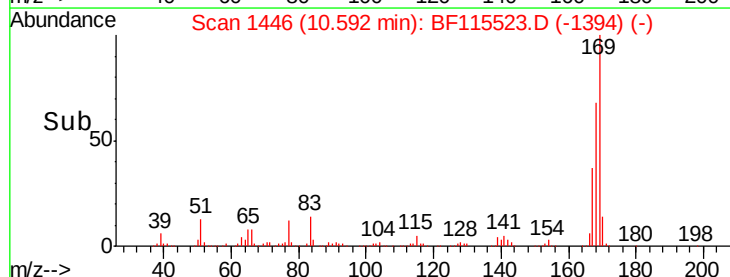
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 67.6  | 53.5  | 80.3  |
| 167 | 37.3  | 28.9  | 43.3  |

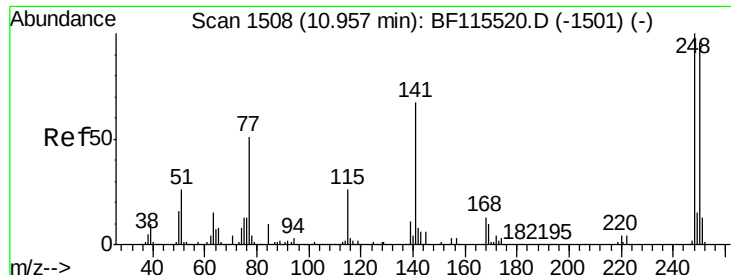


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

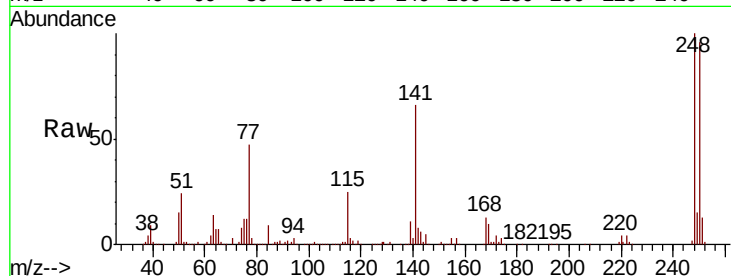




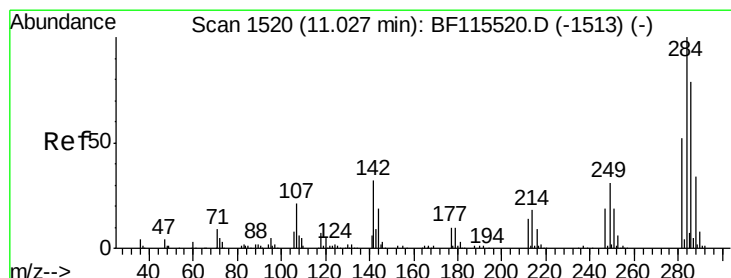
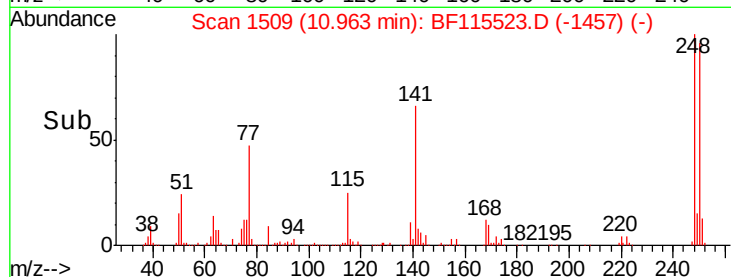
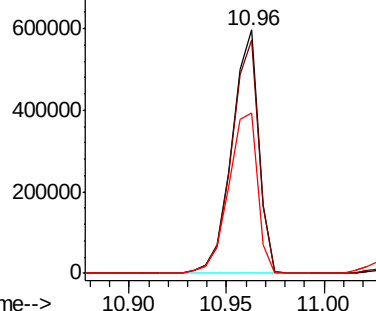
#67  
4-Bromophenyl-phenylether  
Concen: 75.267 ng  
RT: 10.96 min Scan# 1509  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:248 Resp: 568069  
Ion Ratio Lower Upper  
248 100  
250 96.0 76.6 115.0  
141 66.0 53.7 80.5

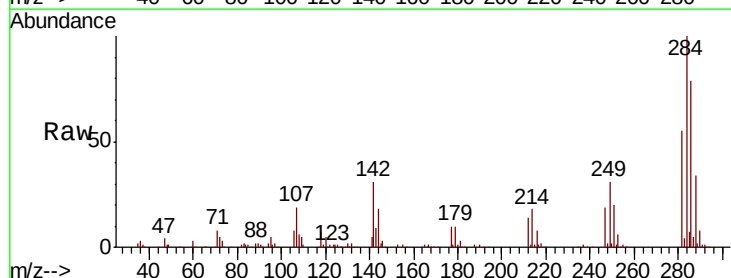


Abundance Ion 248.00 (247.70 to 248.70): E  
800000  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

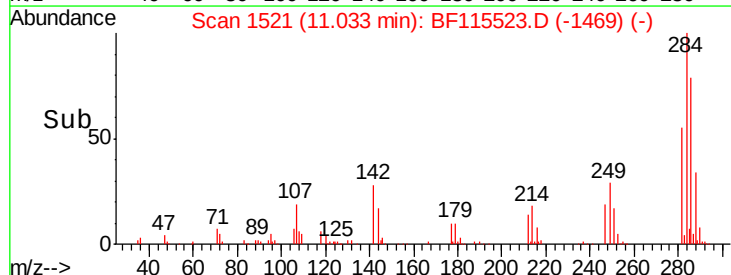
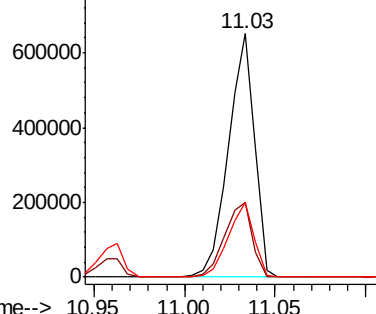


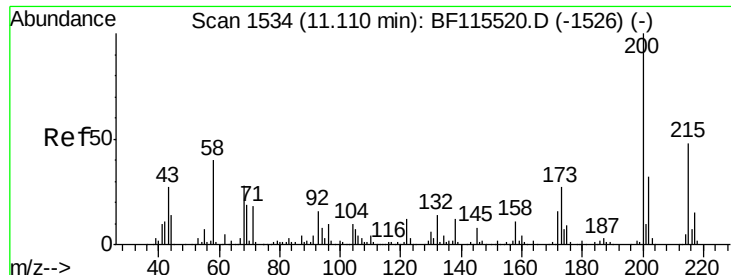
#68  
Hexachlorobenzene  
Concen: 77.037 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Tgt Ion:284 Resp: 652428  
Ion Ratio Lower Upper  
284 100  
142 30.9 25.8 38.8  
249 30.5 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E  
800000  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

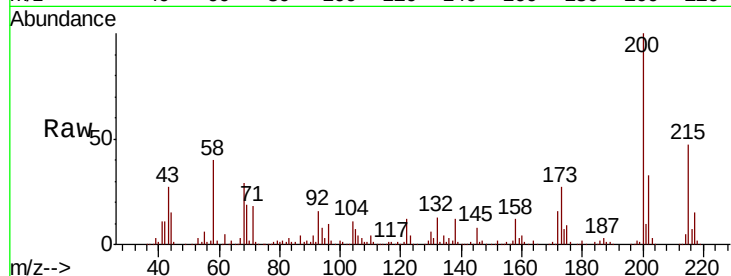




#69  
Atrazine  
Concen: 61.715 ng  
RT: 11.12 min Scan# 1535  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.1  | 6.9   | 46.9  |
| 215     | 47.3  | 27.9  | 67.9  |

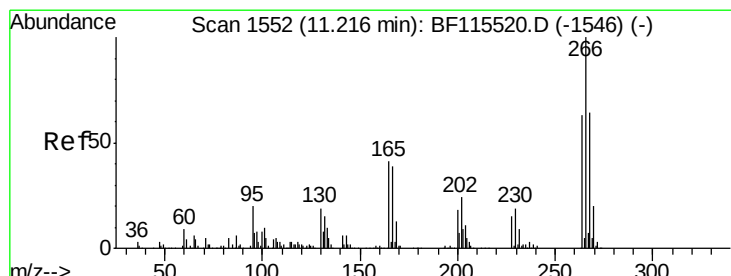
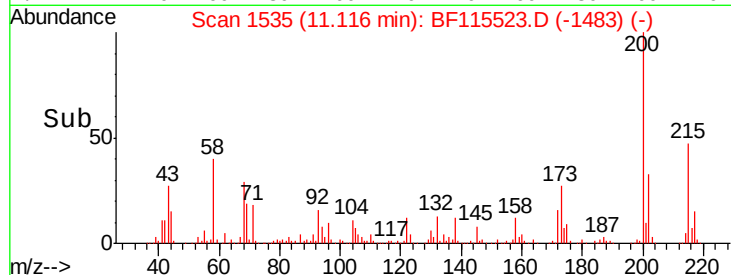
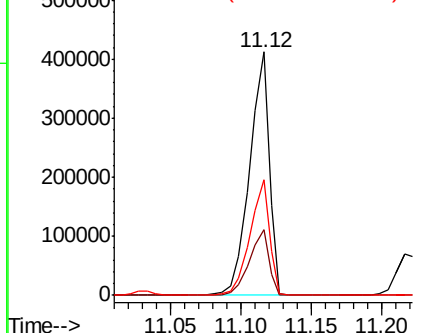


Abundance

Ion 200.00 (199.70 to 200.70): E

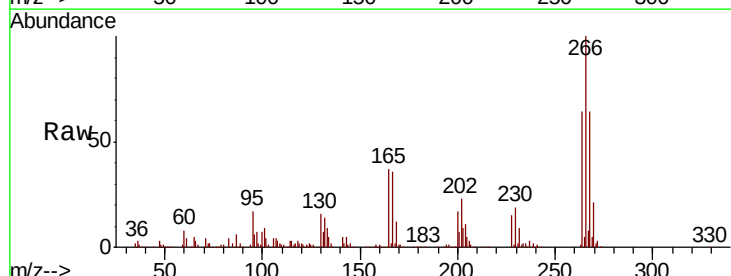
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 78.903 ng  
RT: 11.22 min Scan# 1553  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.2  | 51.0  | 76.6  |
| 264     | 63.6  | 50.2  | 75.2  |

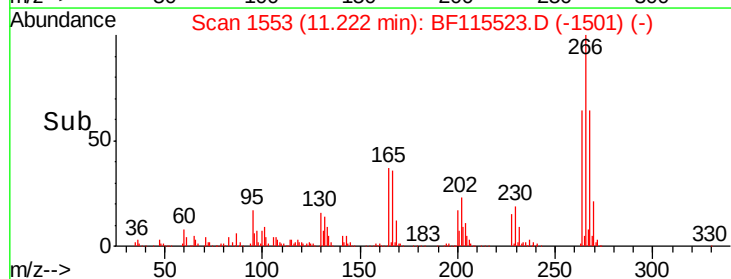
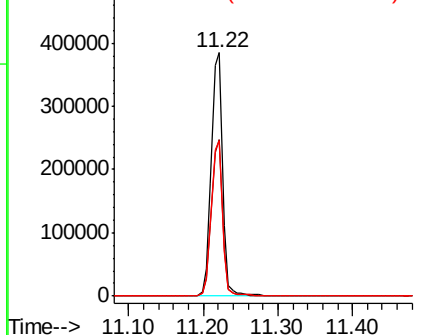


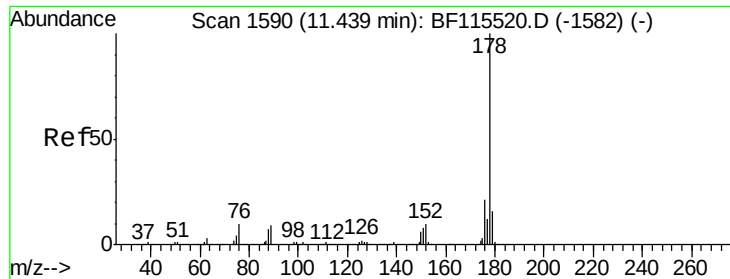
Abundance

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: 68.036 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Instrument :

BNA\_F

ClientSampled :

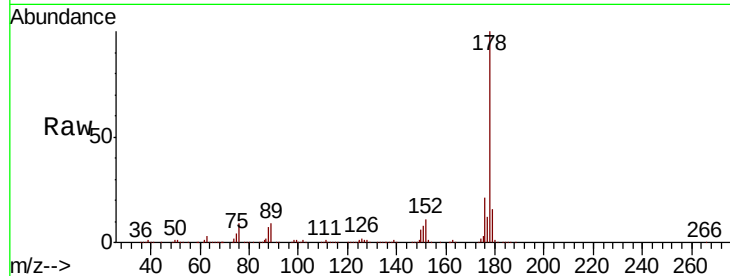
Tot Ion:178 Resp: 2406780

Ion Ratio Lower Upper

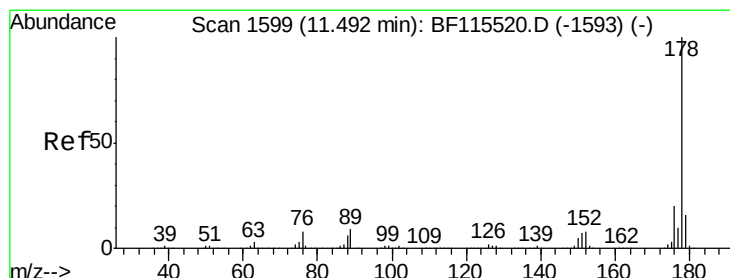
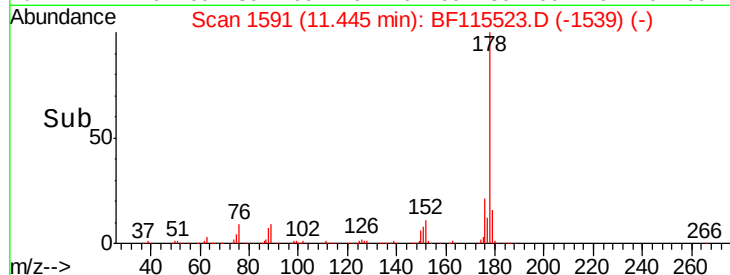
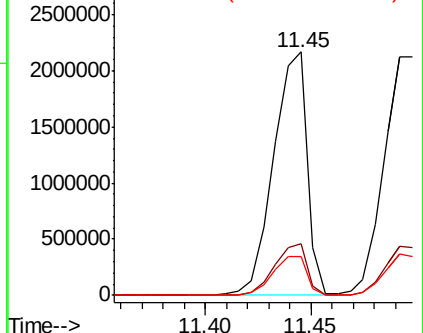
178 100

176 21.0 16.5 24.7

179 16.1 12.8 19.2



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: 68.347 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

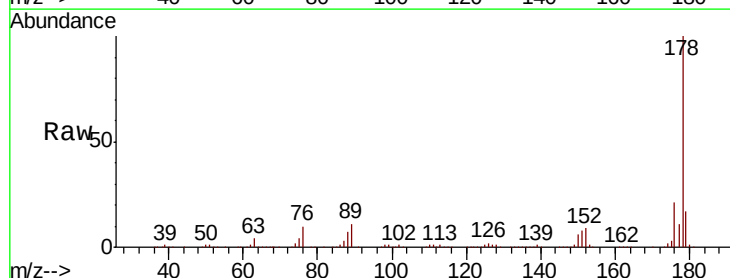
Tgt Ion:178 Resp: 2424486

Ion Ratio Lower Upper

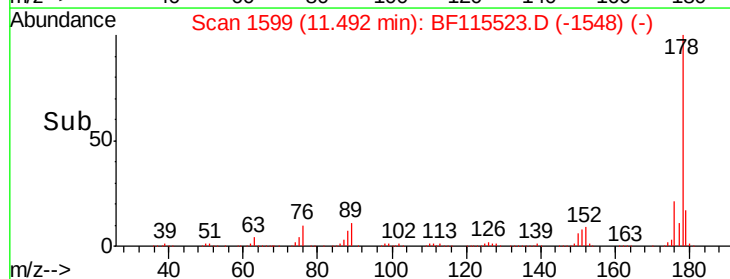
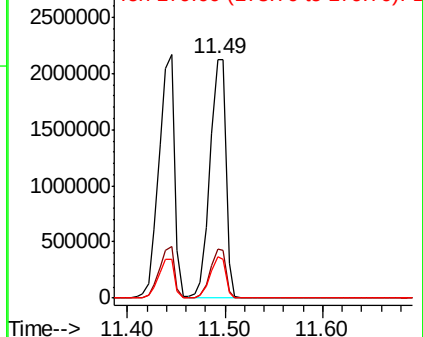
178 100

176 20.7 15.9 23.9

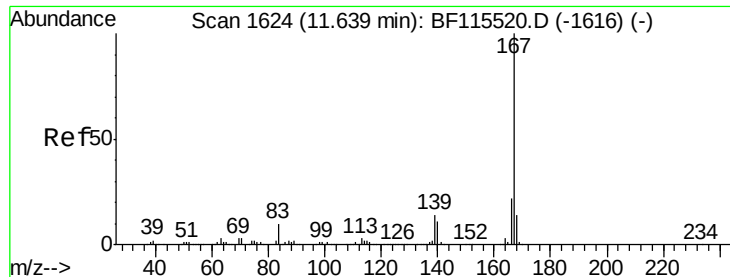
179 17.2 12.7 19.1



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



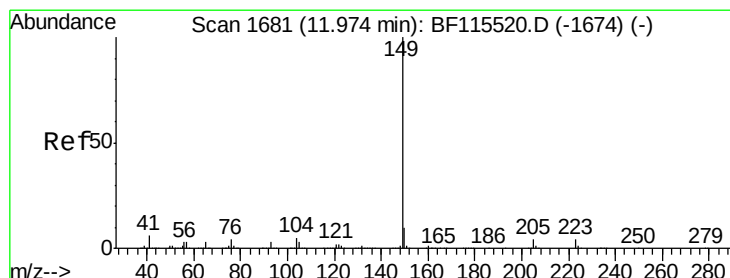
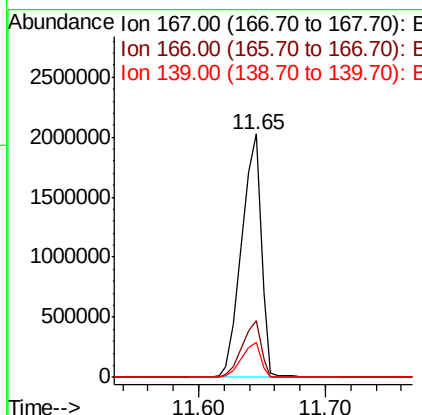
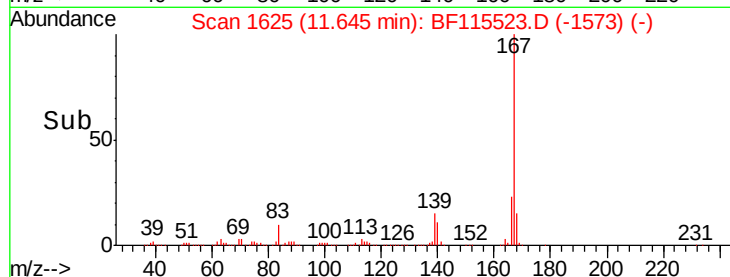
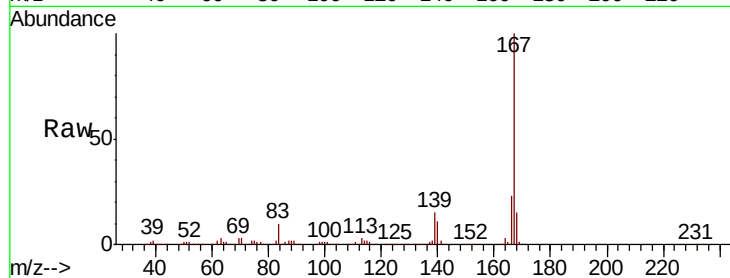




#73  
 Carbazole  
 Concen: 67.250 ng  
 RT: 11.65 min Scan# 1625  
 Delta R.T. 0.01 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

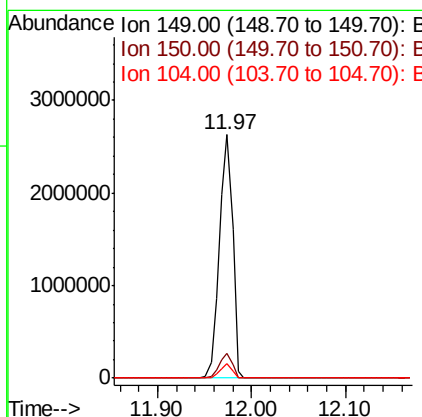
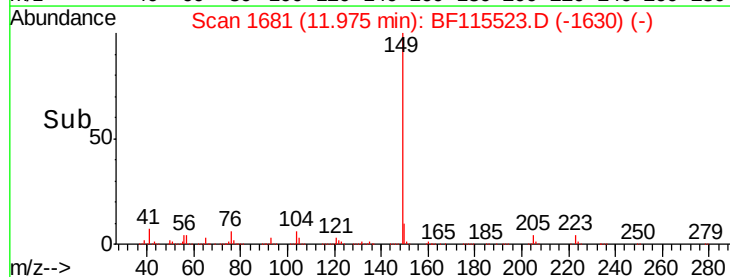
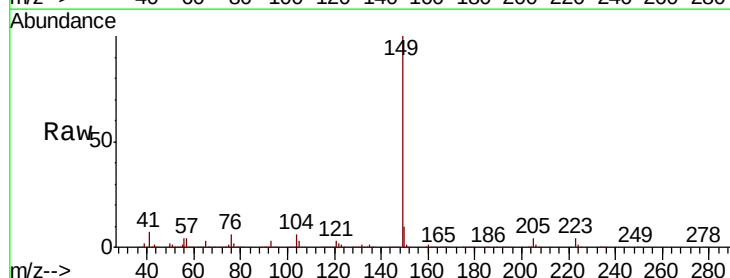
Instrument :  
 BNA\_F  
 ClientSampled :

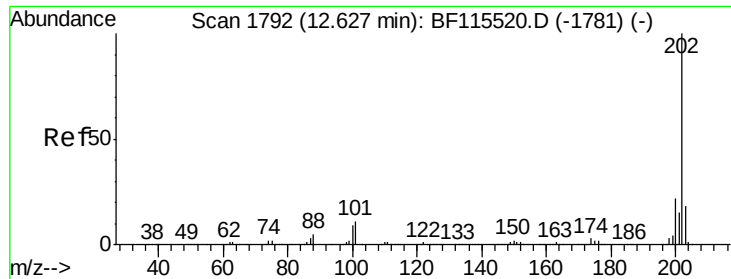
Tot Ion:167 Resp: 2182410  
 Ion Ratio Lower Upper  
 167 100  
 166 23.3 17.9 26.9  
 139 14.5 11.0 16.6



#74  
 Di-n-butylphthalate  
 Concen: 66.254 ng  
 RT: 11.97 min Scan# 1681  
 Delta R.T. 0.00 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

Tgt Ion:149 Resp: 2598507  
 Ion Ratio Lower Upper  
 149 100  
 150 10.3 7.7 11.5  
 104 5.7 3.8 5.8

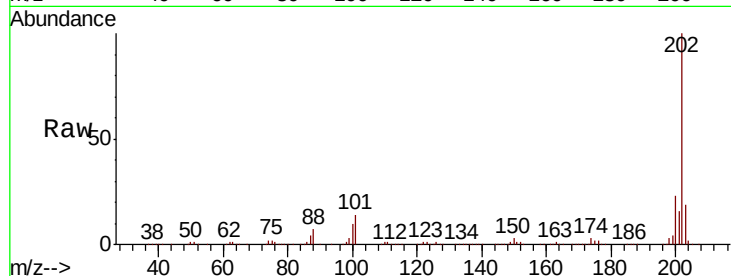




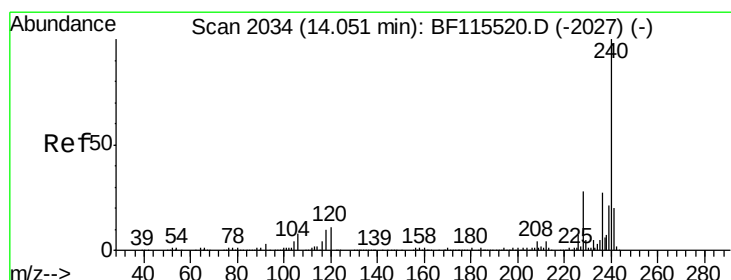
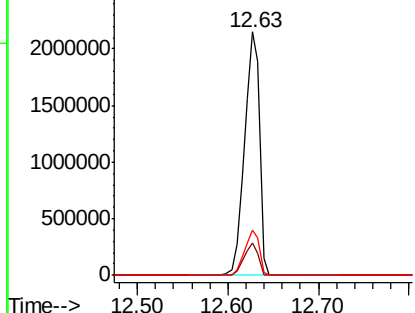
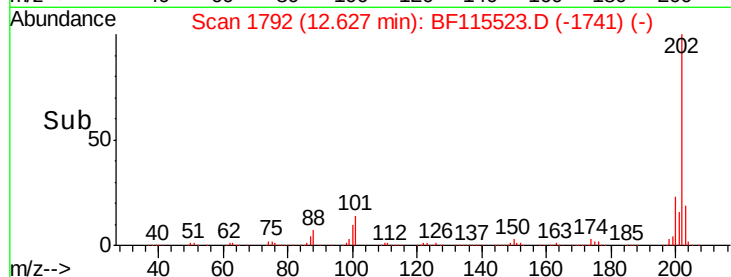
#75  
Fluoranthene  
Concen: 66.392 ng  
RT: 12.63 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:202 Resp: 2472873  
Ion Ratio Lower Upper  
202 100  
101 13.5 0.0 31.4  
203 18.8 0.0 38.1

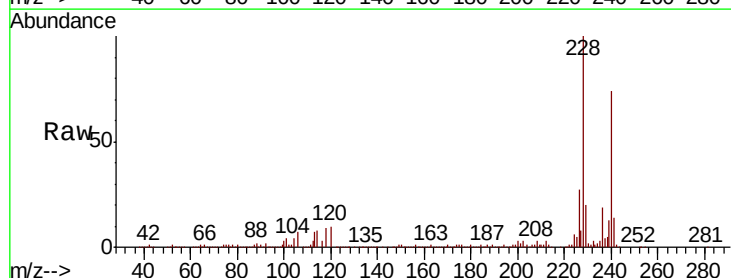


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

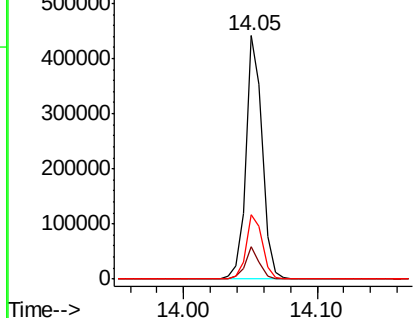
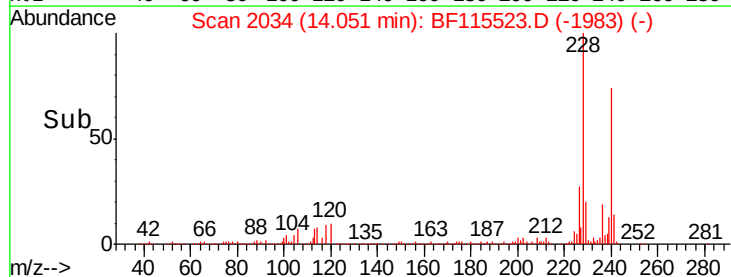


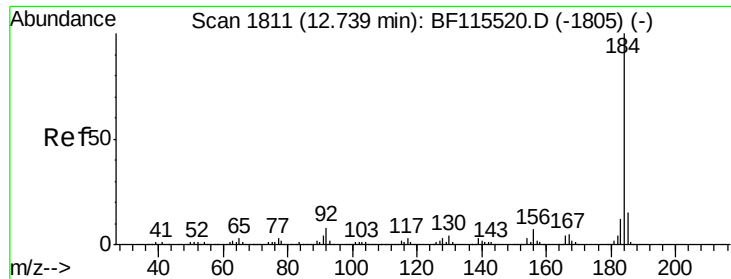
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.05 min Scan# 2034  
Delta R.T. 0.00 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Tgt Ion:240 Resp: 367584  
Ion Ratio Lower Upper  
240 100  
120 13.4 9.1 13.7  
236 26.2 21.4 32.2



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





#77

Benzidine

Concen: 53.323 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Instrument :

BNA\_F

ClientSampleId :

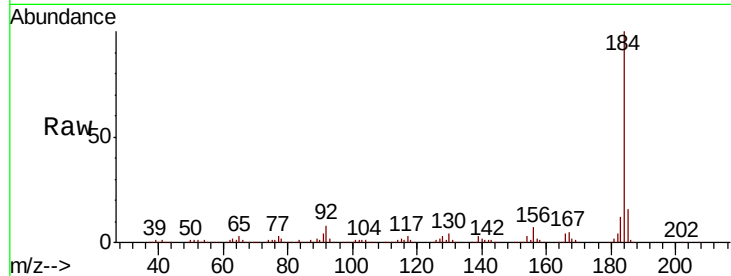
Tot Ion:184 Resp: 764354

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 16.4  | 12.0  | 18.0  |
| 183 | 12.1  | 9.3   | 13.9  |

184 100

185 16.4 12.0 18.0

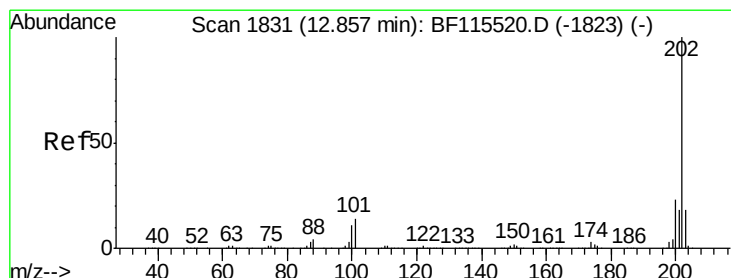
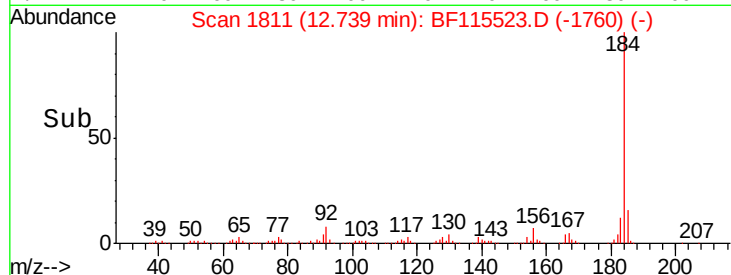
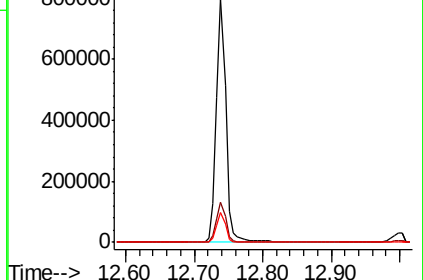
183 12.1 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 87.335 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

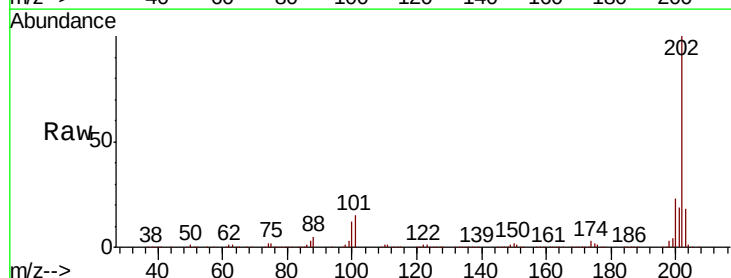
Tgt Ion:202 Resp: 2496485

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.0  | 18.0  | 27.0  |
| 203 | 18.4  | 14.6  | 21.8  |

202 100

200 23.0 18.0 27.0

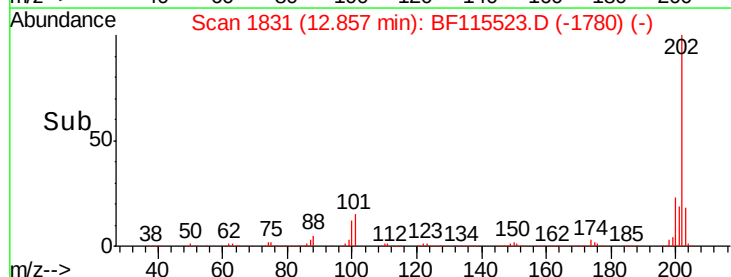
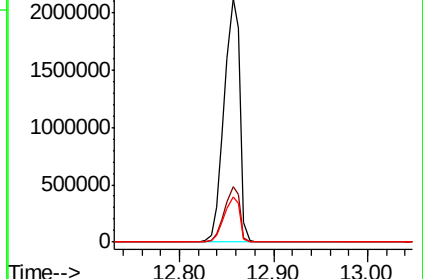
203 18.4 14.6 21.8

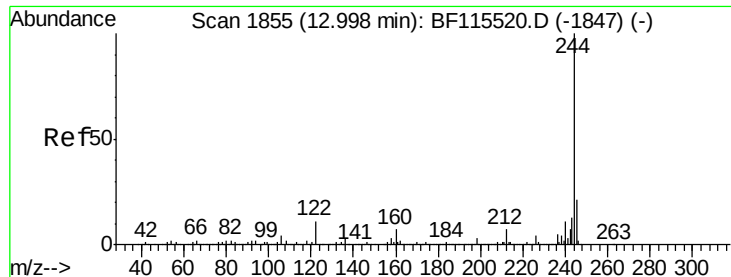


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 164.976 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

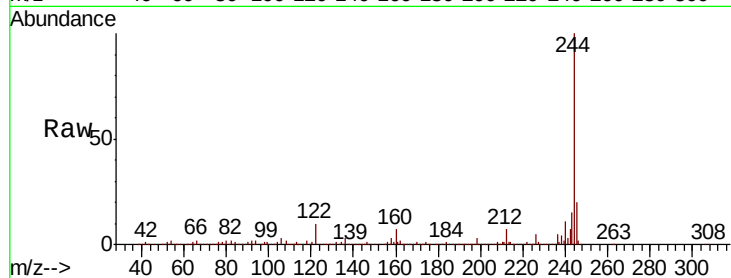
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:244 Resp: 2961780

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.2   | 5.6   | 8.4   |
| 122 | 10.3  | 9.0   | 13.4  |

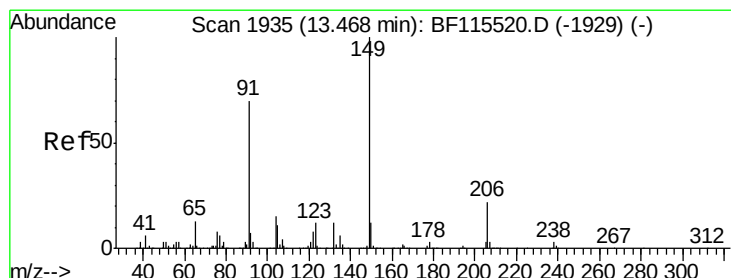
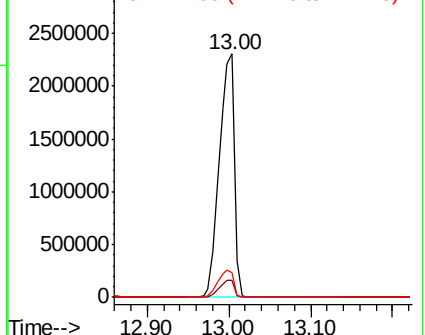
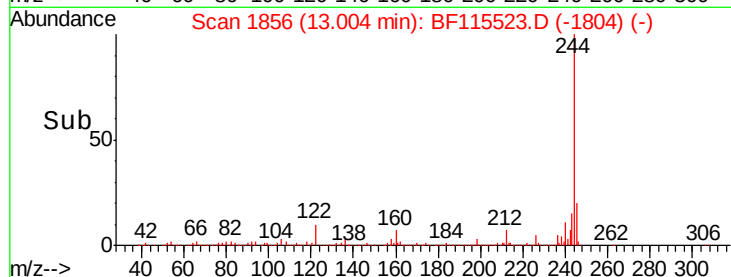


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 84.290 ng

RT: 13.47 min Scan# 1935

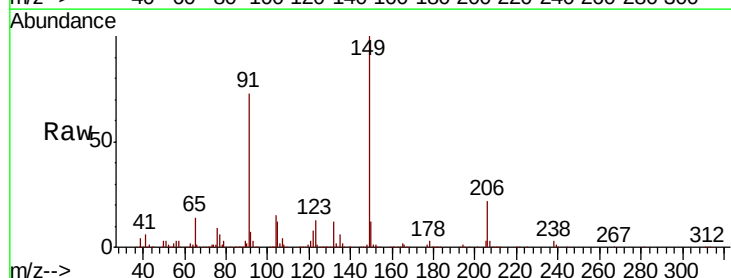
Delta R.T. 0.00 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Tgt Ion:149 Resp: 1052734

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 73.0  | 56.1  | 84.1  |
| 206 | 21.7  | 17.4  | 26.2  |

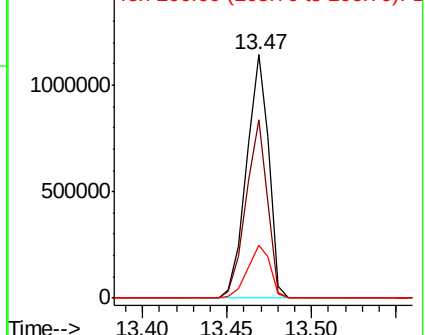
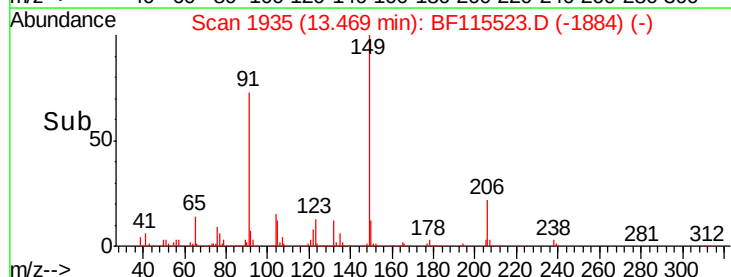


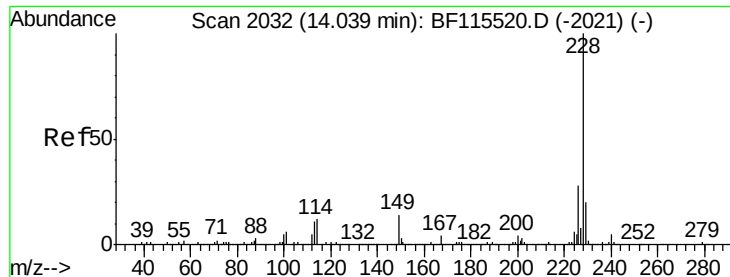
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 77.032 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

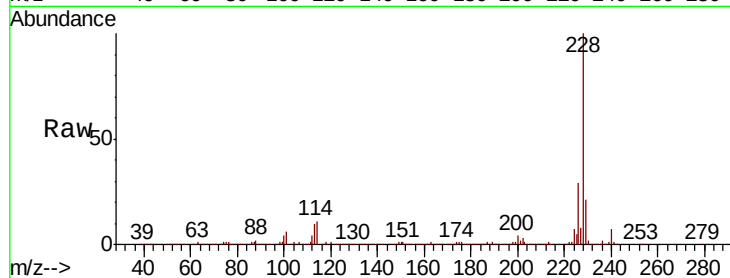
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:228 Resp: 1814283

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.9  | 22.2  | 33.4  |
| 229 | 20.5  | 16.1  | 24.1  |

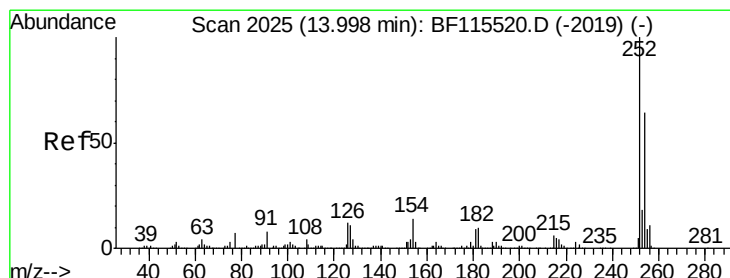
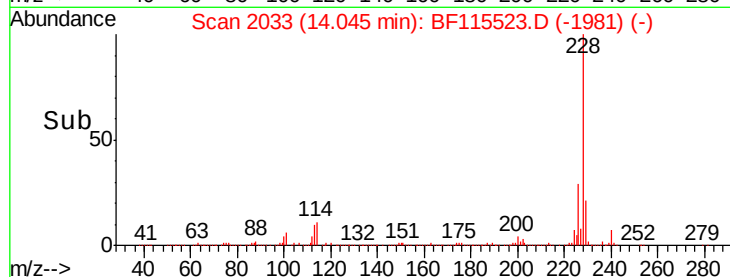
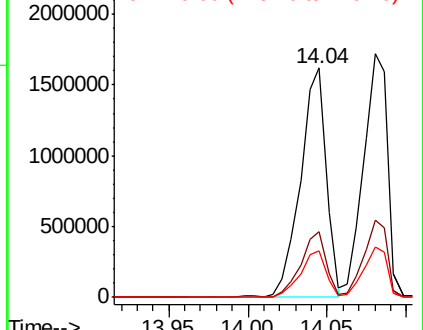


Abundance

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: 72.551 ng

RT: 14.00 min Scan# 2026

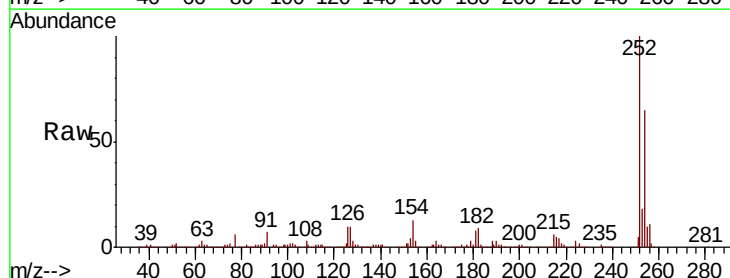
Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Tgt Ion:252 Resp: 620032

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.4  | 51.1  | 76.7  |
| 126 | 10.5  | 9.4   | 14.2  |

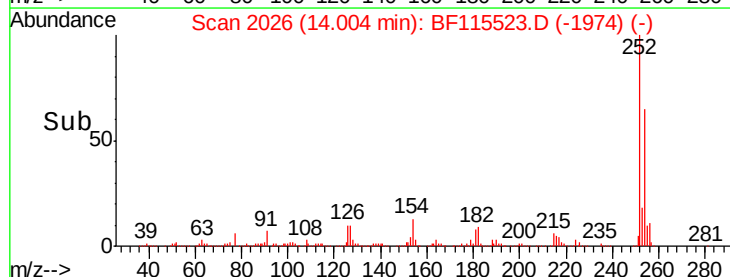
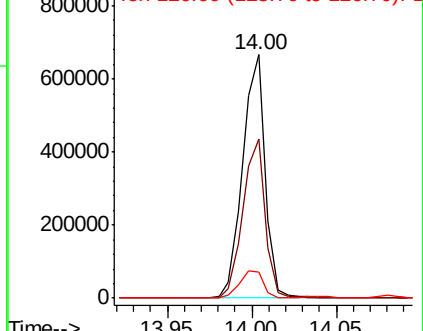


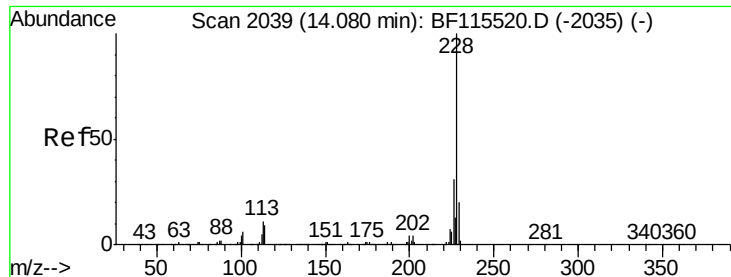
Abundance

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: 76.238 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Instrument :

BNA\_F

ClientSampleId :

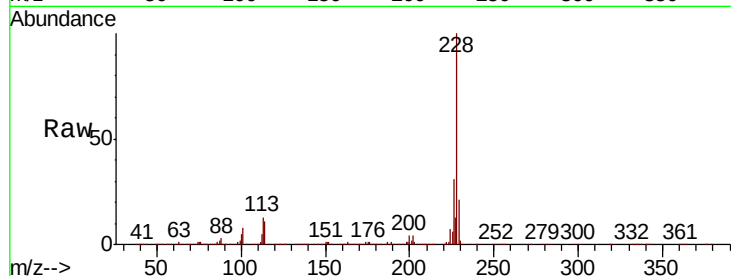
Tot Ion:228 Resp: 1844914

Ion Ratio Lower Upper

228 100

226 31.5 24.6 36.8

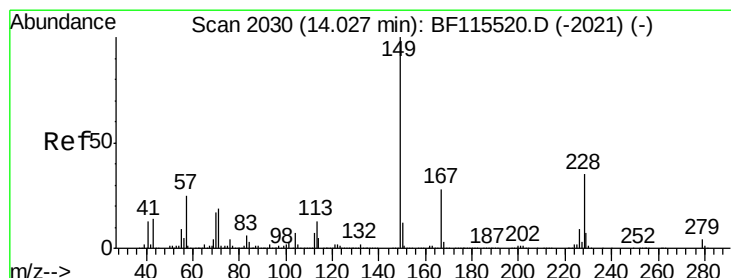
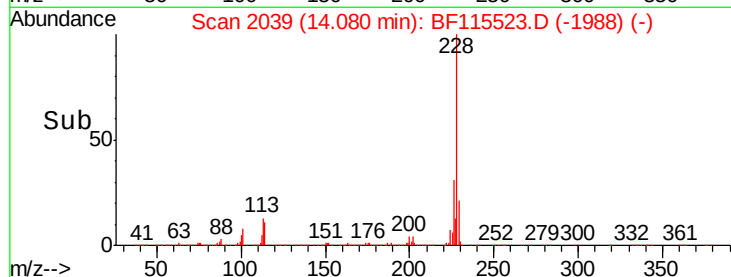
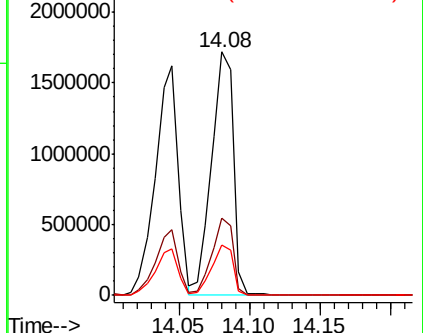
229 20.7 15.7 23.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 81.146 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

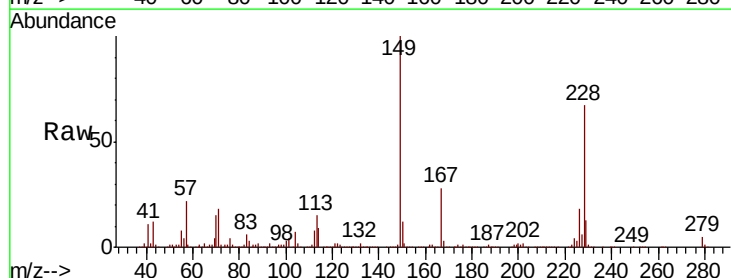
Tgt Ion:149 Resp: 1255081

Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

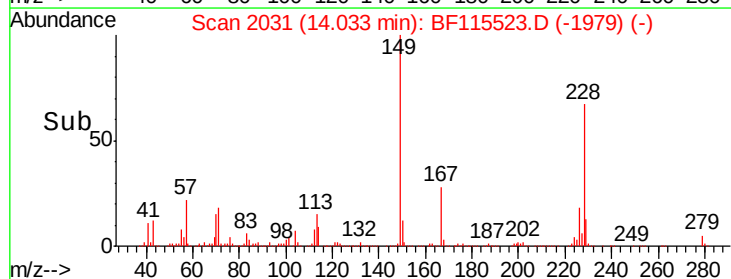
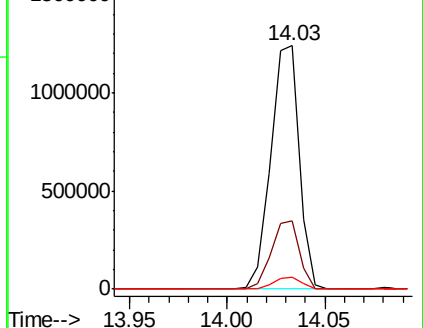
279 5.1 3.1 4.7#

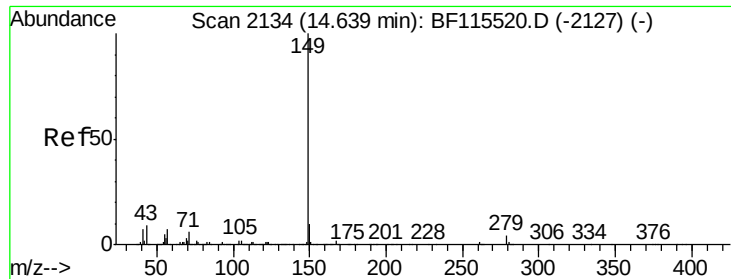


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 72.671 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

Instrument :

BNA\_F

ClientSampleId :

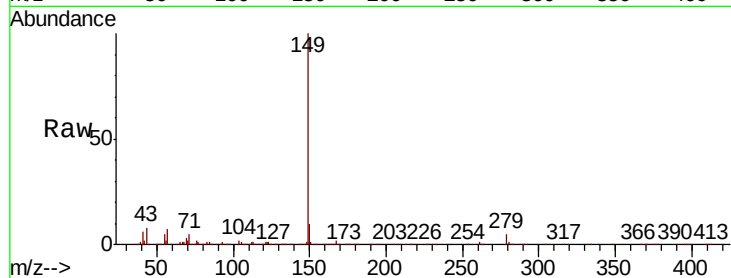
Tot Ion:149 Resp: 2000972

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

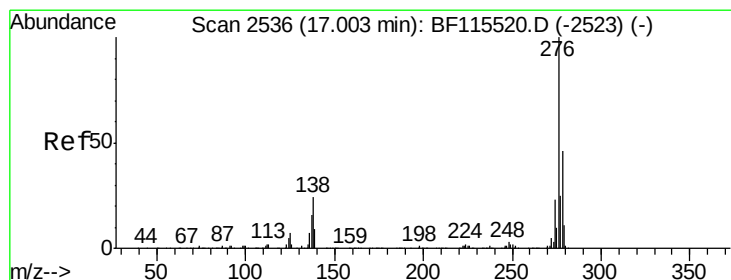
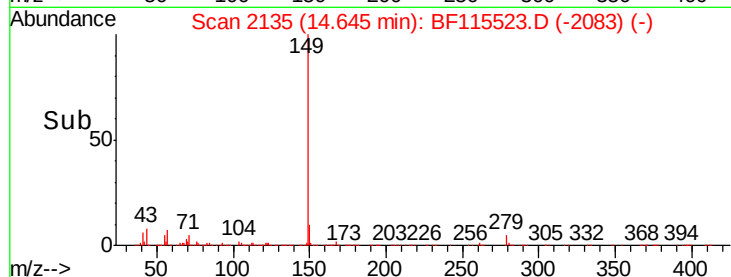
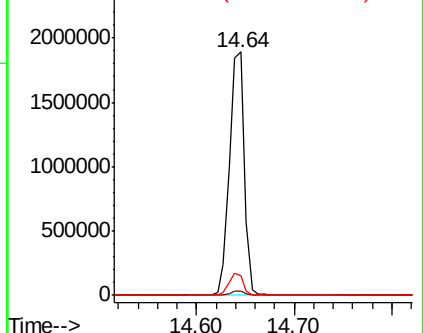
43 8.9 6.8 10.2



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: 83.343 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.01 min

Lab File: BF115523.D

Acq: 12 Jul 2019 11:47

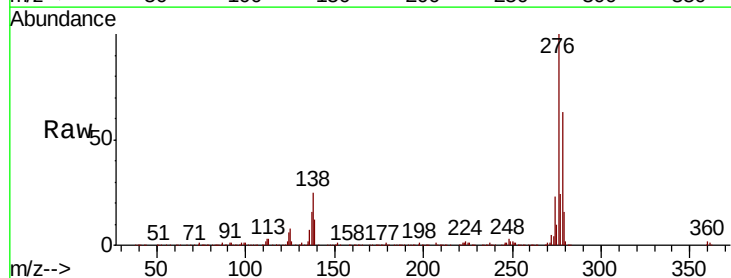
Tgt Ion:276 Resp: 1745505

Ion Ratio Lower Upper

276 100

138 25.5 20.0 30.0

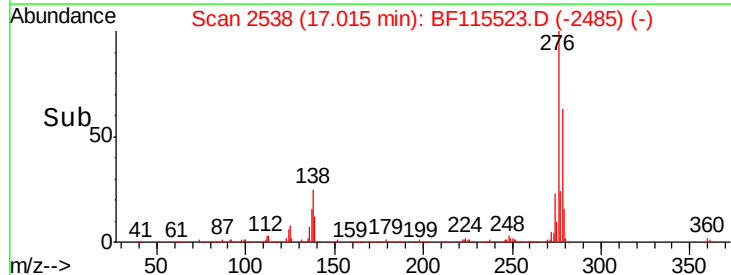
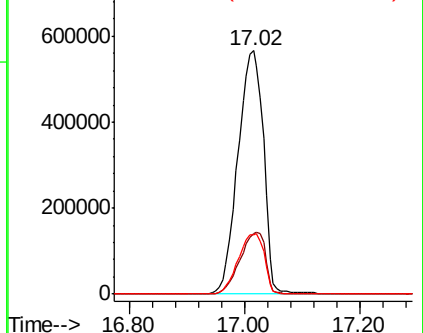
277 25.5 20.1 30.1

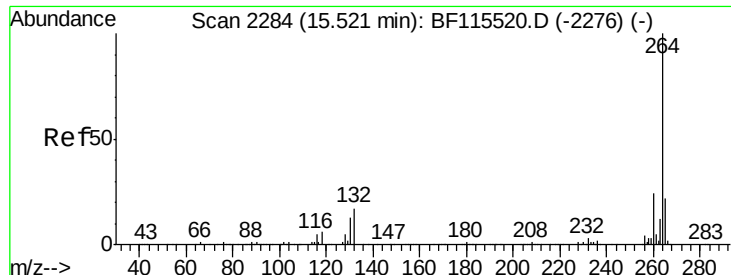


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

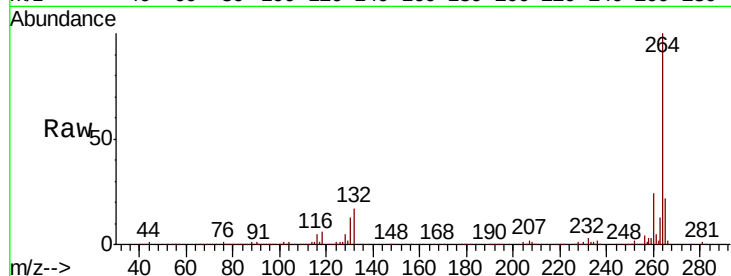




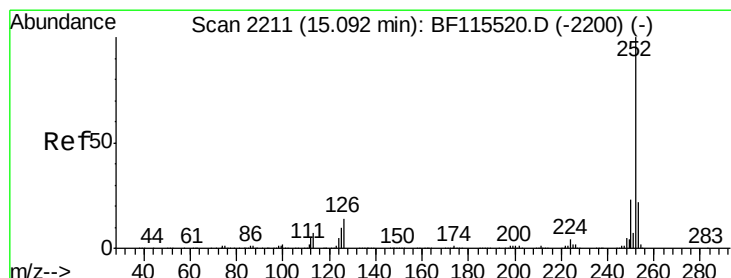
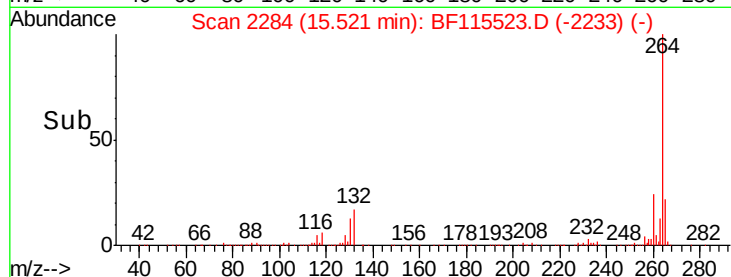
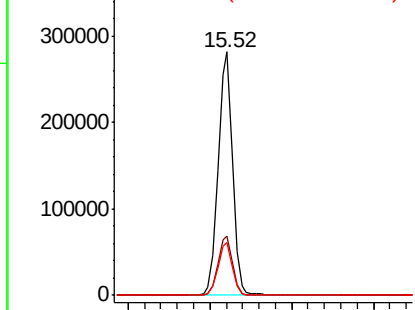
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.52 min Scan# 2284  
Delta R.T. 0.00 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 19.4  | 29.2  |
| 265     | 21.5  | 17.2  | 25.8  |

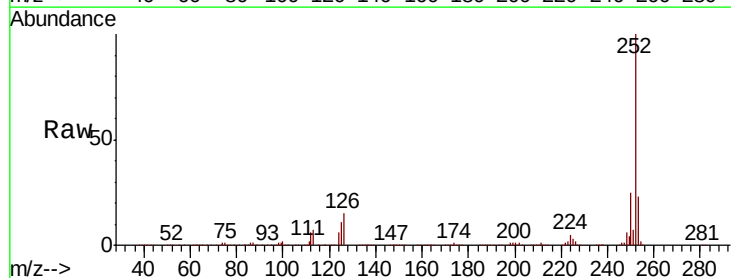


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

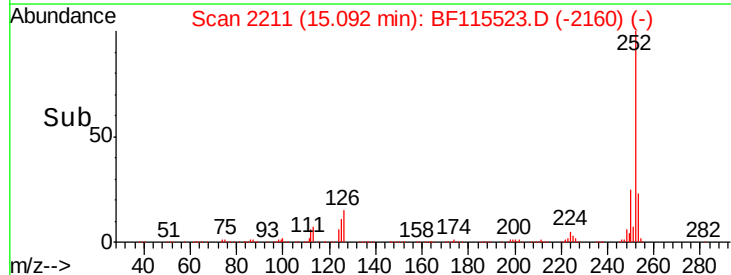
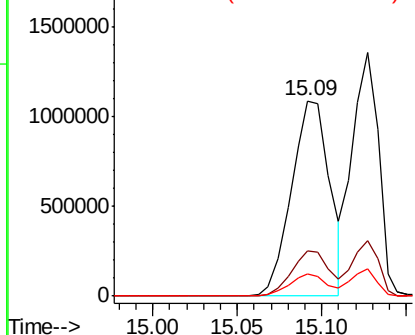


#88  
Benzo(b)fluoranthene  
Concen: 75.230 ng  
RT: 15.09 min Scan# 2211  
Delta R.T. 0.00 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

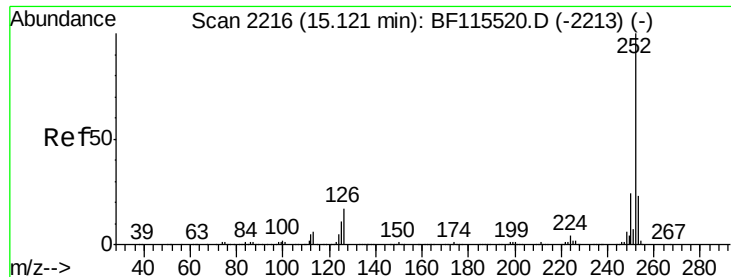
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.7  | 26.5  |
| 125     | 11.1  | 8.3   | 12.5  |



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



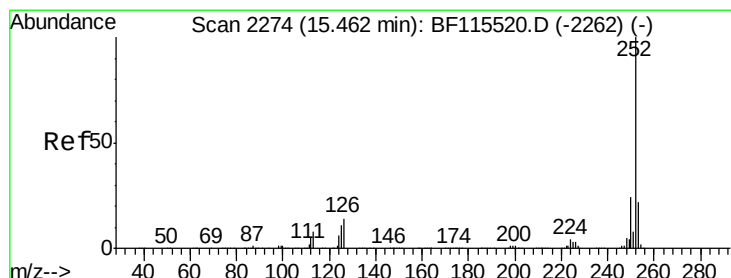
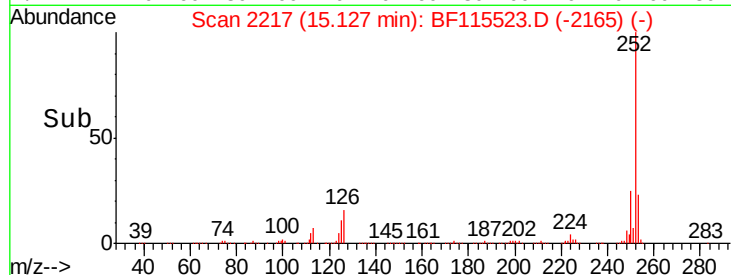
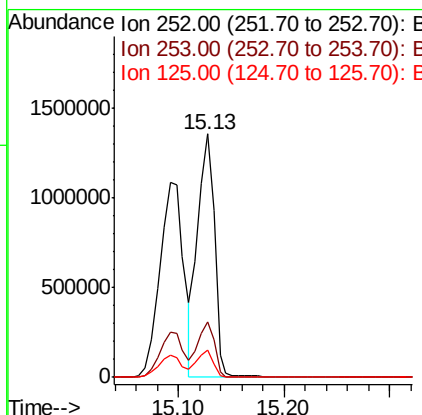
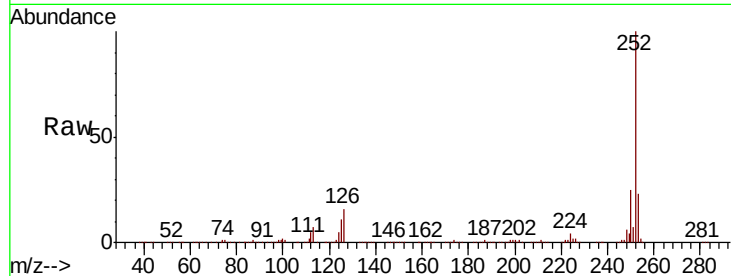




#89  
Benzo(k)fluoranthene  
Concen: 73.499 ng  
RT: 15.13 min Scan# 2217  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

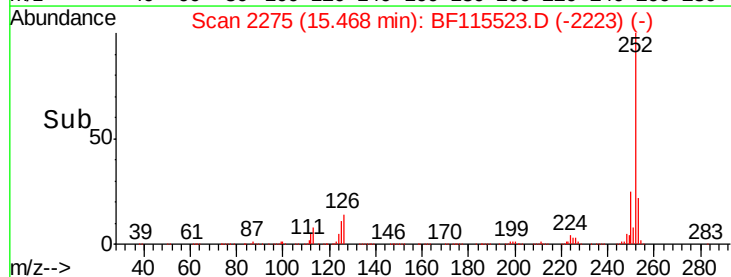
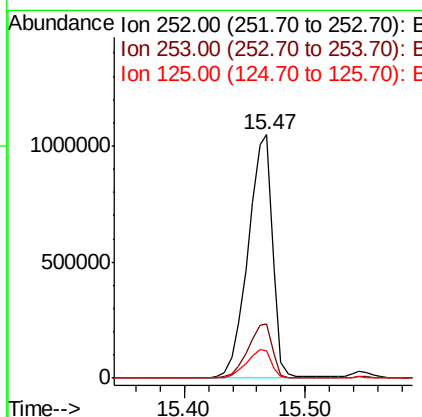
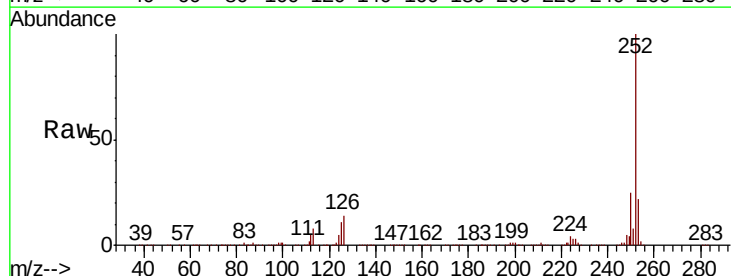
Instrument :  
BNA\_F  
ClientSampleId :

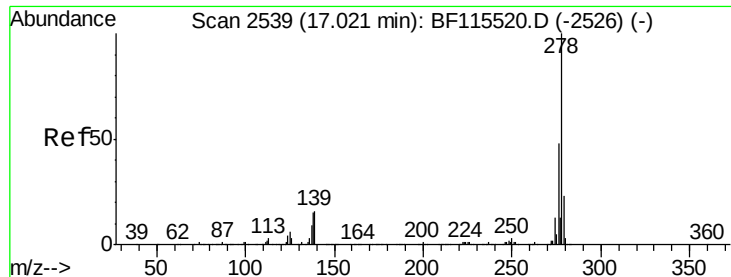
Tot Ion:252 Resp: 1482337  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.2 27.2  
125 11.3 8.7 13.1



#90  
Benzo(a)pyrene  
Concen: 75.725 ng  
RT: 15.47 min Scan# 2275  
Delta R.T. 0.01 min  
Lab File: BF115523.D  
Acq: 12 Jul 2019 11:47

Tgt Ion:252 Resp: 1481164  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.7 26.5  
125 11.1 8.9 13.3

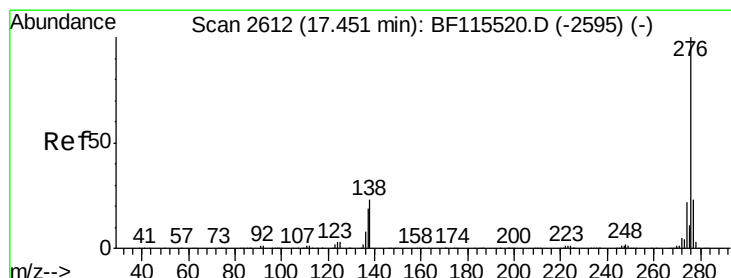
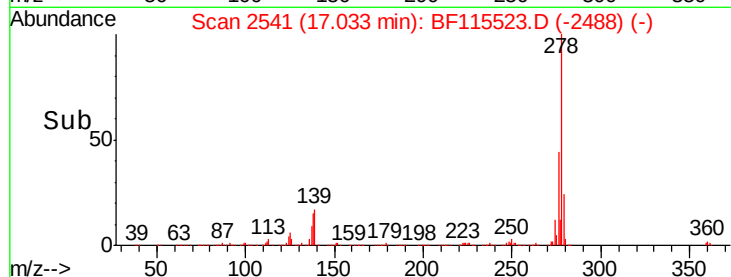
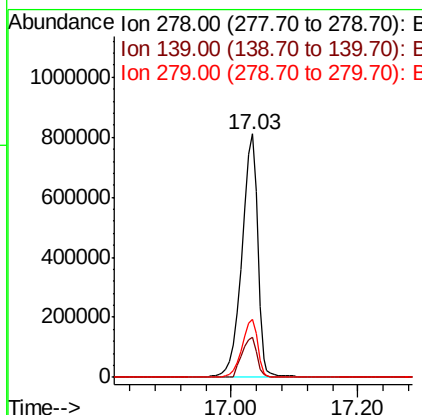
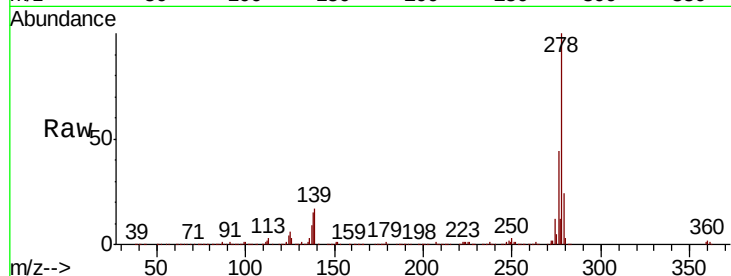




#91  
 Dibenzo(a,h)anthracene  
 Concen: 83.163 ng  
 RT: 17.03 min Scan# 2541  
 Delta R.T. 0.01 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:278 Resp: 1390007  
 Ion Ratio Lower Upper  
 278 100  
 139 16.6 12.8 19.2  
 279 24.0 18.8 28.2



#92  
 Benzo(g,h,i)perylene  
 Concen: 90.673 ng  
 RT: 17.46 min Scan# 2614  
 Delta R.T. 0.01 min  
 Lab File: BF115523.D  
 Acq: 12 Jul 2019 11:47

Tgt Ion:276 Resp: 1434478  
 Ion Ratio Lower Upper  
 276 100  
 277 24.1 18.5 27.7  
 138 22.4 18.0 27.0

