

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\  
 Data File : BF117401.D  
 Acq On : 14 Oct 2019 14:49  
 Operator : JU  
 Sample : SSTDICC100  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Oct 14 15:20:42 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 14 14:19:53 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 53399    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.08  | 136  | 223514   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.83  | 164  | 114415   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.32 | 188  | 176935   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.97 | 240  | 109669   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.42 | 264  | 91244    | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.42  | 112  | 679064   | 198.54 | ng    | 0.00     |
| 7) Phenol-d6                | 6.46  | 99   | 875159   | 197.99 | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 868197   | 204.09 | ng    | 0.01     |
| 42) 2,4,6-Tribromophenol    | 10.63 | 330  | 170734   | 178.55 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl        | 9.16  | 172  | 1463216  | 199.96 | ng    | 0.01     |
| 79) Terphenyl-d14           | 12.91 | 244  | 1275188  | 217.35 | ng    | 0.01     |

| Target Compounds               | R.T. | QIon | Response | Conc    | Units | Qvalue |
|--------------------------------|------|------|----------|---------|-------|--------|
| 2) 1,4-Dioxane                 | 2.52 | 88   | 143878   | 100.529 | ng    | 99     |
| 3) Pyridine                    | 3.26 | 79   | 395458   | 100.950 | ng    | 97     |
| 4) n-Nitrosodimethylamine      | 3.25 | 42   | 141203   | 105.035 | ng    | 87     |
| 6) Aniline                     | 6.47 | 93   | 534243   | 93.874  | ng    | # 52   |
| 8) 2-Chlorophenol              | 6.60 | 128  | 368196   | 99.787  | ng    | 97     |
| 9) Benzaldehyde                | 6.35 | 77   | 160328   | 66.428  | ng    | 97     |
| 10) Phenol                     | 6.47 | 94   | 493139   | 101.200 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93   | 368948   | 103.017 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 6.74 | 146  | 412811   | 99.702  | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146  | 420929   | 99.619  | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146  | 386729   | 98.304  | ng    | 97     |
| 15) Benzyl Alcohol             | 6.96 | 79   | 337318   | 99.514  | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45   | 385449   | 108.934 | ng    | 69     |
| 17) 2-Methylphenol             | 7.07 | 107  | 305832   | 98.898  | ng    | # 88   |
| 18) Hexachloroethane           | 7.30 | 117  | 165314   | 101.699 | ng    | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70   | 285084   | 105.916 | ng    | 96     |
| 20) 3+4-Methylphenols          | 7.23 | 107  | 384446   | 99.807  | ng    | 95     |
| 22) Acetophenone               | 7.22 | 105  | 572561   | 100.824 | ng    | # 96   |
| 24) Nitrobenzene               | 7.39 | 77   | 429025   | 102.126 | ng    | 97     |
| 25) Isophorone                 | 7.63 | 82   | 772104   | 102.510 | ng    | 99     |
| 26) 2-Nitrophenol              | 7.70 | 139  | 196843   | 109.087 | ng    | 97     |
| 27) 2,4-Dimethylphenol         | 7.75 | 122  | 292365   | 102.172 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93   | 473322   | 101.997 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 7.95 | 162  | 298120   | 99.429  | ng    | 95     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180  | 319104   | 98.510  | ng    | 98     |
| 31) Naphthalene                | 8.10 | 128  | 1071870  | 99.712  | ng    | 99     |
| 32) Benzoic acid               | 7.95 | 122  | 220394   | 109.509 | ng    | 90     |
| 33) 4-Chloroaniline            | 8.16 | 127  | 436687   | 91.591  | ng    | 99     |
| 34) Hexachlorobutadiene        | 8.22 | 225  | 186520   | 101.490 | ng    | 99     |
| 35) Caprolactam                | 8.57 | 113  | 78257    | 77.111  | ng    | 99     |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107  | 339488   | 97.104  | ng    | 99     |
| 37) 2-Methylnaphthalene        | 8.79 | 142  | 725357   | 100.205 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 8.89 | 142  | 681544   | 100.528 | ng    | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216  | 291816   | 98.770  | ng    | 99     |

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 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 14 14:19:53 2019  
 Response via : Initial Calibration

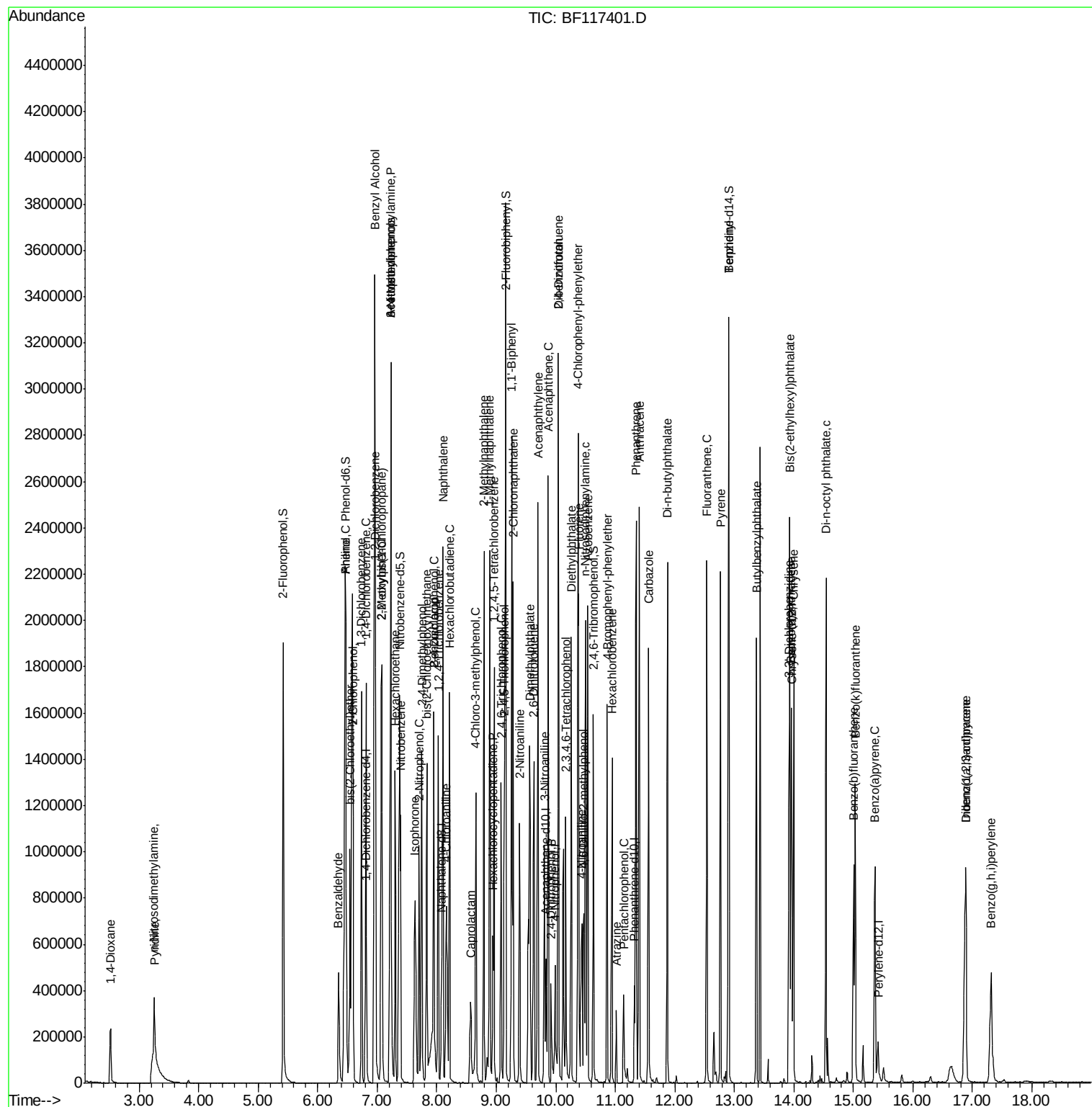
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.95  | 237  | 90199    | 81.167  | nq    | 94       |
| 43) 2,4,6-Trichlorophenol      | 9.08  | 196  | 184509   | 92.024  | nq    | 96       |
| 44) 2,4,5-Trichlorophenol      | 9.13  | 196  | 185932   | 86.796  | nq    | 95       |
| 46) 1,1'-Biphenyl              | 9.26  | 154  | 878793   | 97.919  | nq    | 97       |
| 47) 2-Chloronaphthalene        | 9.29  | 162  | 689635   | 97.365  | nq    | 98       |
| 48) 2-Nitroaniline             | 9.39  | 65   | 220817   | 97.196  | nq    | 99       |
| 49) Acenaphthylene             | 9.70  | 152  | 989763   | 93.280  | nq    | 99       |
| 50) Dimethylphthalate          | 9.56  | 163  | 775859   | 95.771  | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.64  | 165  | 167355   | 101.431 | nq    | 91       |
| 52) Acenaphthene               | 9.87  | 154  | 611502   | 97.220  | nq    | 99       |
| 53) 3-Nitroaniline             | 9.81  | 138  | 198235   | 95.226  | nq    | 96       |
| 54) 2,4-Dinitrophenol          | 9.93  | 184  | 74017    | 126.735 | nq    | 92       |
| 55) Dibenzofuran               | 10.05 | 168  | 875663   | 94.358  | nq    | 96       |
| 56) 4-Nitrophenol              | 9.99  | 139  | 95959    | 71.123  | nq    | 93       |
| 57) 2,4-Dinitrotoluene         | 10.05 | 165  | 218521   | 102.031 | nq    | 91       |
| 58) Fluorene                   | 10.39 | 166  | 731136   | 97.804  | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 134527   | 82.064  | nq    | 98       |
| 60) Diethylphthalate           | 10.26 | 149  | 772258   | 96.894  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204  | 321373   | 99.361  | nq    | 93       |
| 62) 4-Nitroaniline             | 10.44 | 138  | 178964   | 82.666  | nq    | 96       |
| 63) Azobenzene                 | 10.54 | 77   | 794481   | 97.600  | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.47 | 198  | 99409    | 133.866 | nq    | 95       |
| 66) n-Nitrosodiphenylamine     | 10.50 | 169  | 628493   | 102.853 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.86 | 248  | 187440   | 103.734 | nq    | 96       |
| 68) Hexachlorobenzene          | 10.95 | 284  | 200646   | 101.524 | nq    | # 91     |
| 69) Atrazine                   | 11.02 | 200  | 31381    | 20.907  | nq    | 98       |
| 70) Pentachlorophenol          | 11.14 | 266  | 62557    | 67.526  | nq    | 96       |
| 71) Phenanthrene               | 11.35 | 178  | 974033   | 96.920  | nq    | 99       |
| 72) Anthracene                 | 11.40 | 178  | 994674   | 96.946  | nq    | 99       |
| 73) Carbazole                  | 11.56 | 167  | 909762   | 93.415  | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.87 | 149  | 1247063  | 107.624 | nq    | 99       |
| 75) Fluoranthene               | 12.54 | 202  | 956986   | 92.676  | nq    | 98       |
| 77) Benzidine                  | 12.91 | 184  | 18647    | 5.278   | nq    | 98       |
| 78) Pyrene                     | 12.77 | 202  | 955956   | 103.885 | nq    | 100      |
| 80) Butylbenzylphthalate       | 13.37 | 149  | 486702   | 111.934 | nq    | 99       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 726775   | 99.190  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 172567   | 73.087  | nq    | 100      |
| 83) Chrysene                   | 14.00 | 228  | 687803   | 96.246  | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.93 | 149  | 681763   | 121.607 | nq    | # 96     |
| 85) Di-n-octyl phthalate       | 14.54 | 149  | 1000507  | 113.386 | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.89 | 276  | 521789   | 100.081 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 15.00 | 252  | 543980   | 98.423  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.03 | 252  | 517333   | 98.811  | nq    | 100      |
| 90) Benzo(a)pyrene             | 15.36 | 252  | 471637   | 97.244  | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.89 | 278  | 436238   | 112.907 | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 17.32 | 276  | 426443   | 110.761 | nq    | 97       |

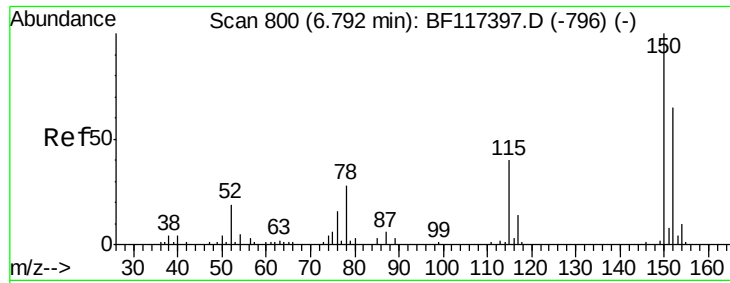
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\  
Data File : BF117401.D  
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Sample : SSTDICC100  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :

Quant Time: Oct 14 15:20:42 2019  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 14 14:19:53 2019  
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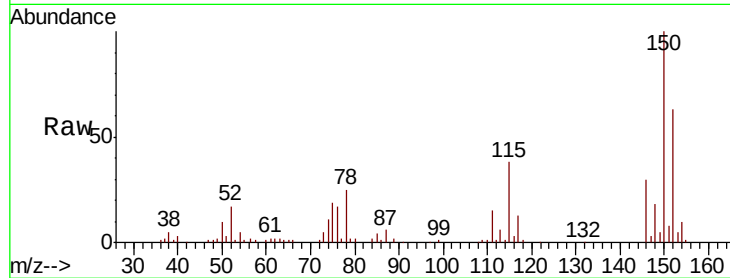


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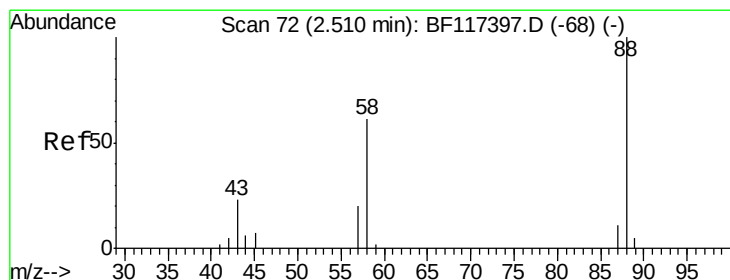
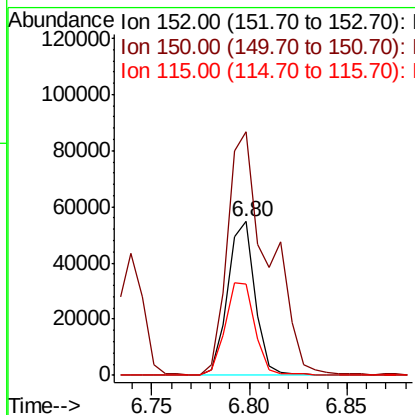
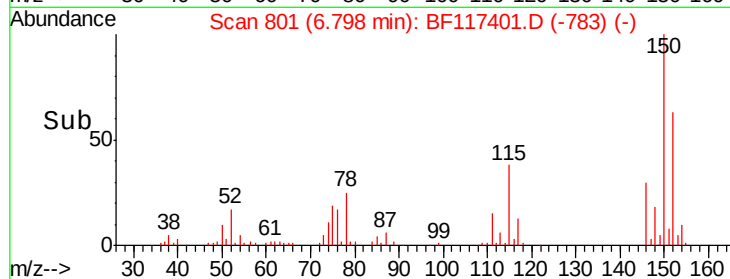
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 801  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:152 Resp: 53399  
Ion Ratio Lower Upper  
152 100  
150 158.4 122.7 184.1  
115 59.8 48.6 73.0



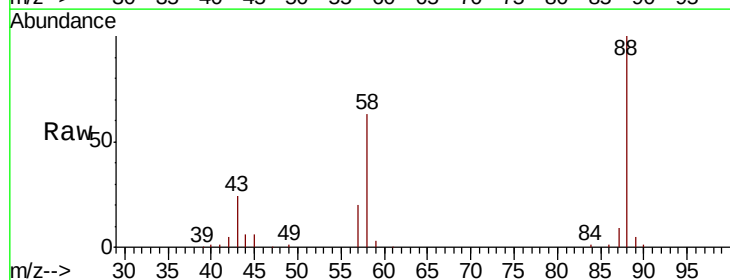
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



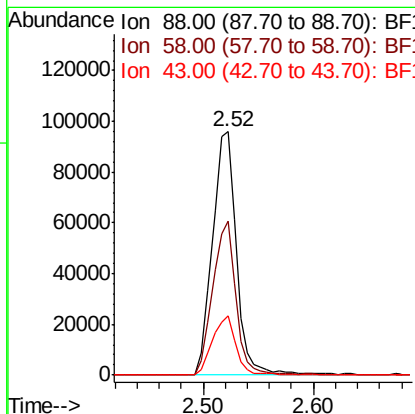
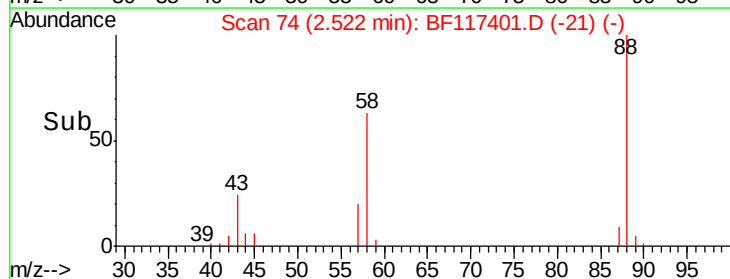
#2

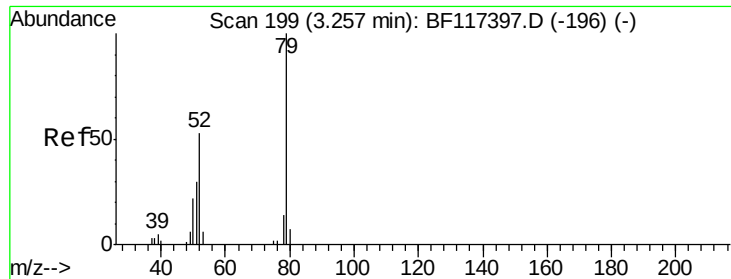
1,4-Dioxane  
Concen: 100.529 ng  
RT: 2.52 min Scan# 74  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Tgt Ion: 88 Resp: 143878  
Ion Ratio Lower Upper  
88 100  
58 61.2 49.4 74.2  
43 23.8 18.1 27.1



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

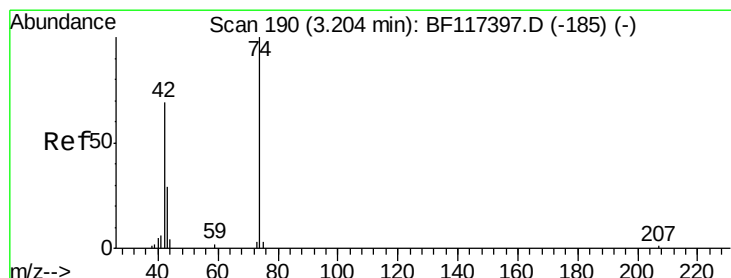
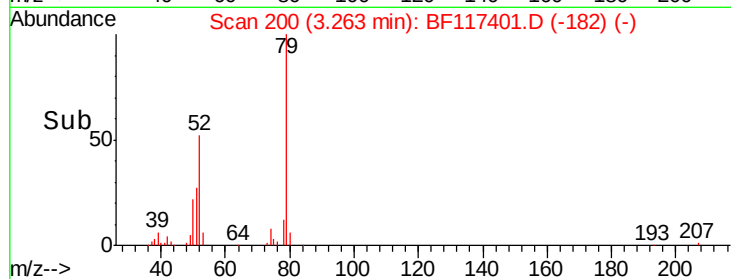
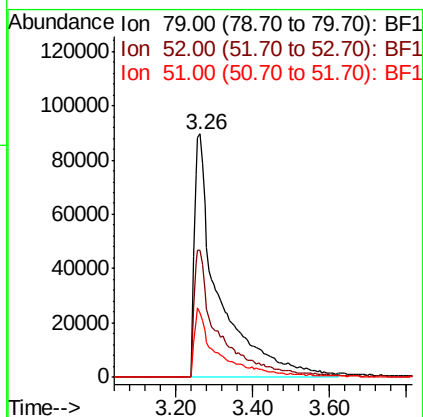
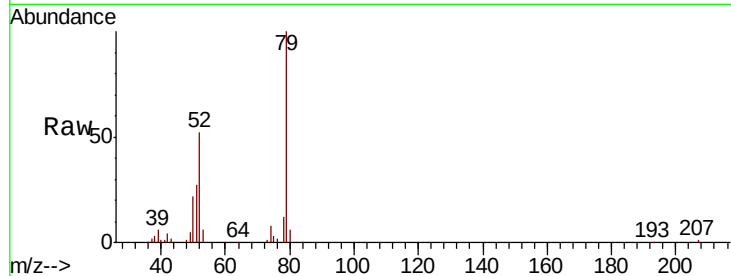




#3  
 Pvridine  
 Concen: 100.950 ng  
 RT: 3.26 min Scan# 200  
 Delta R.T. 0.01 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

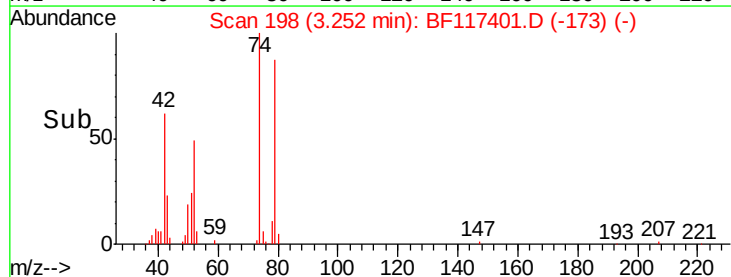
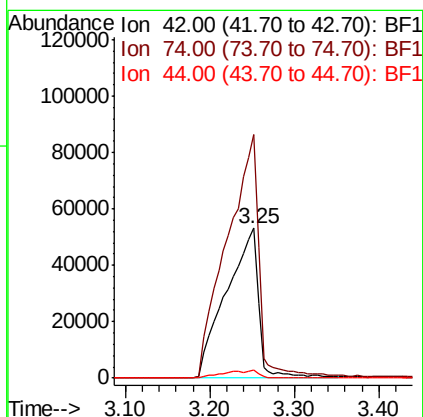
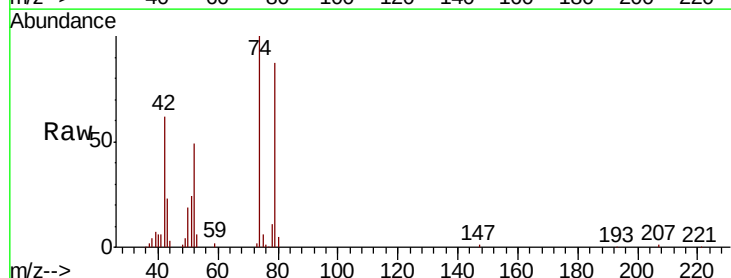
Instrument :  
 BNA\_F  
 ClientSampled :

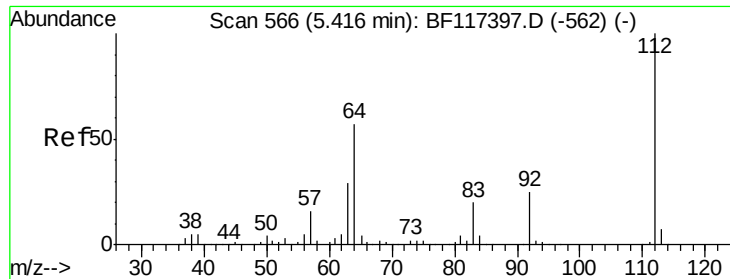
Tot Ion: 79 Resp: 395458  
 Ion Ratio Lower Upper  
 79 100  
 52 52.1 42.7 64.1  
 51 26.5 23.8 35.8



#4  
 n-Nitrosodimethylamine  
 Concen: 105.035 ng  
 RT: 3.25 min Scan# 198  
 Delta R.T. 0.05 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

Tgt Ion: 42 Resp: 141203  
 Ion Ratio Lower Upper  
 42 100  
 74 162.5 116.2 174.4  
 44 5.6 4.2 6.4





#5

2-Fluorophenol

Concen: 198.541 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

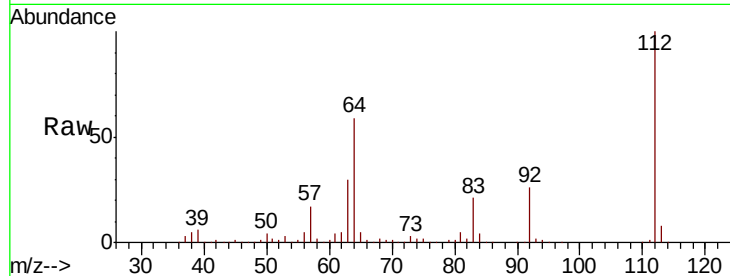
Tot Ion: 112 Resp: 679064

Ion Ratio Lower Upper

112 100

64 59.2 45.2 67.8

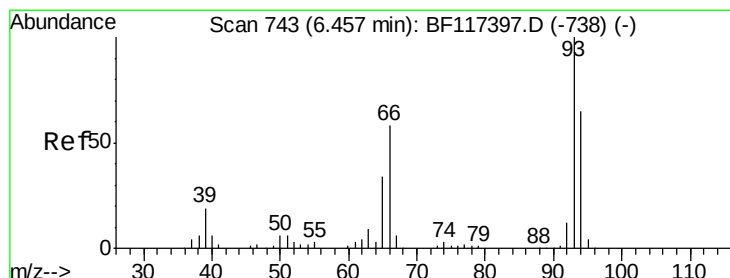
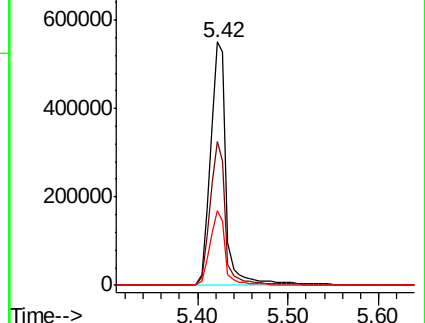
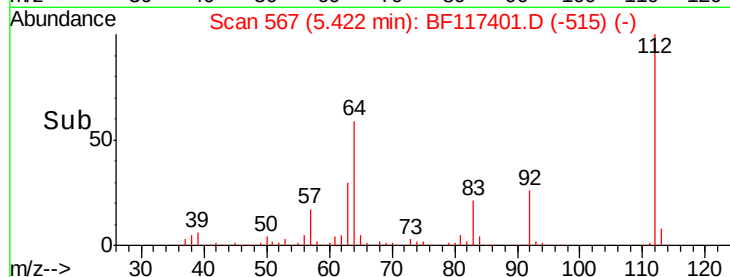
63 30.5 23.4 35.2



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: 93.874 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

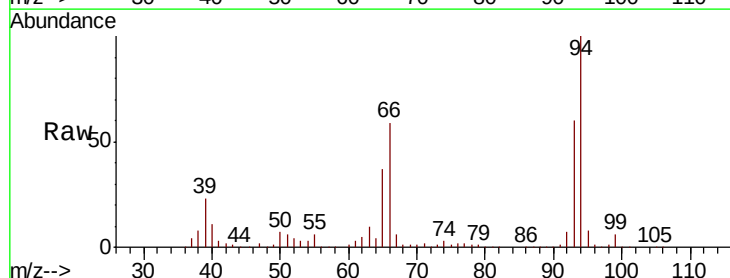
Tgt Ion: 93 Resp: 534243

Ion Ratio Lower Upper

93 100

66 97.9 48.4 72.6#

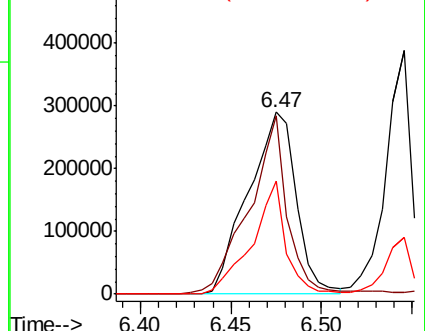
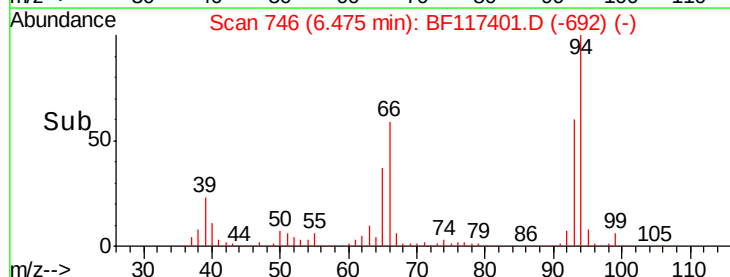
65 61.8 27.8 41.6#

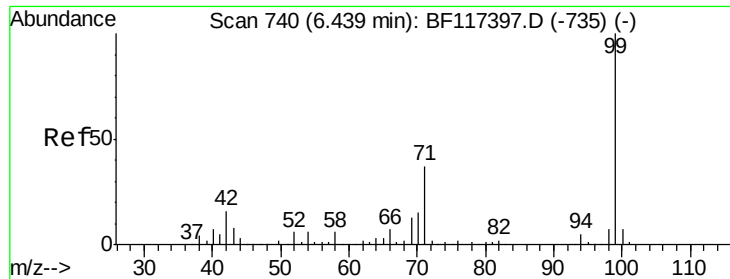


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 197.989 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.02 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

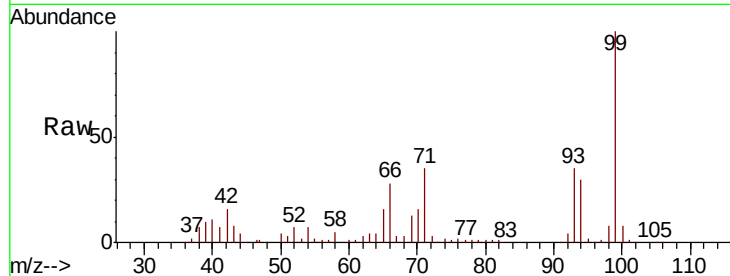
Tot Ion: 99 Resp: 875159

Ion Ratio Lower Upper

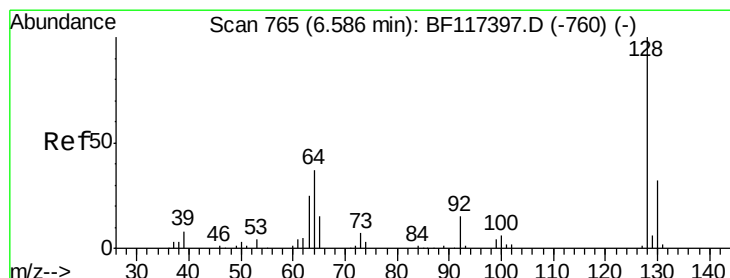
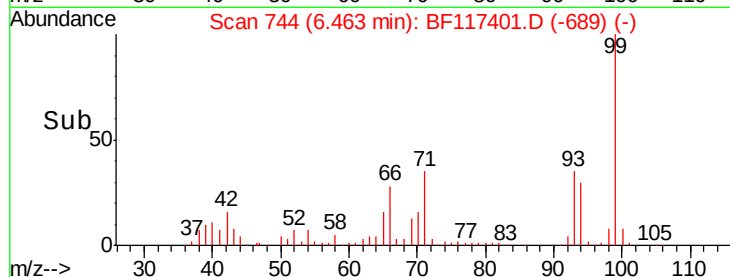
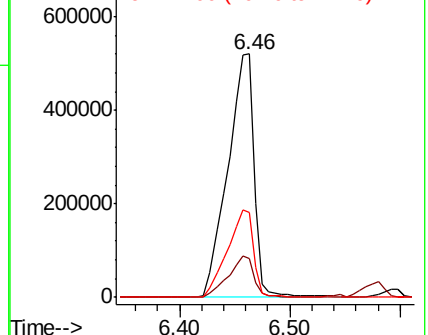
99 100

42 15.9 12.5 18.7

71 35.0 29.2 43.8



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: 99.787 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

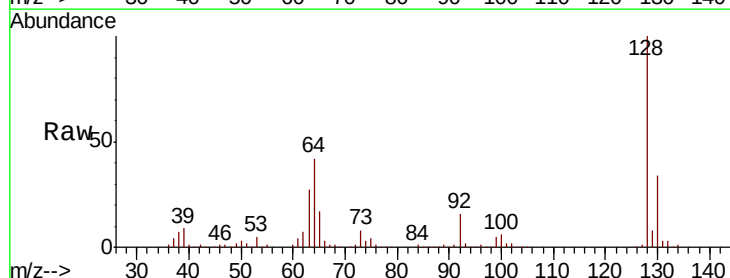
Tgt Ion: 128 Resp: 368196

Ion Ratio Lower Upper

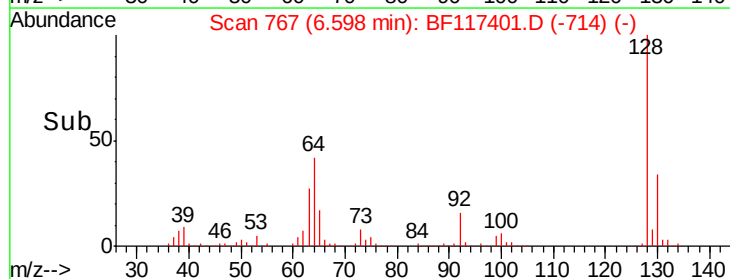
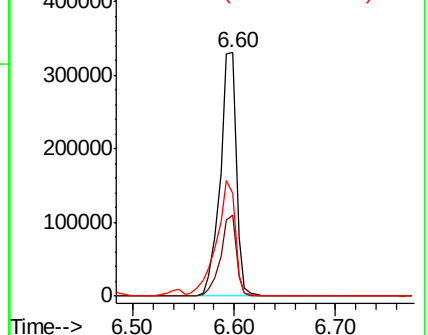
128 100

130 33.5 11.7 51.7

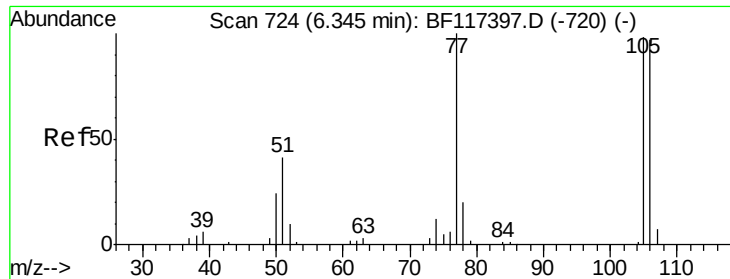
64 42.4 20.4 60.4



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







#9

Benzaldehyde

Concen: 66.428 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampled :

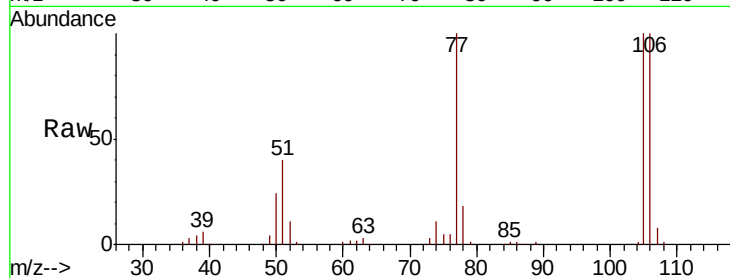
Tot Ion: 77 Resp: 160328

Ion Ratio Lower Upper

77 100

105 100.1 77.9 117.9

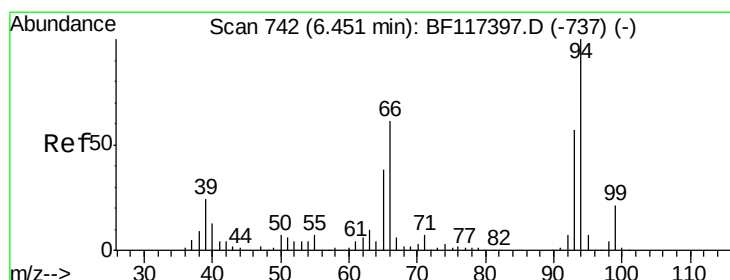
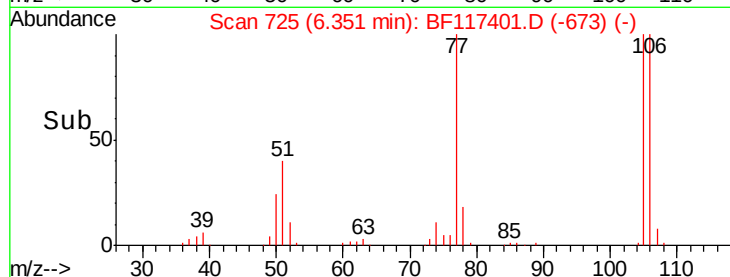
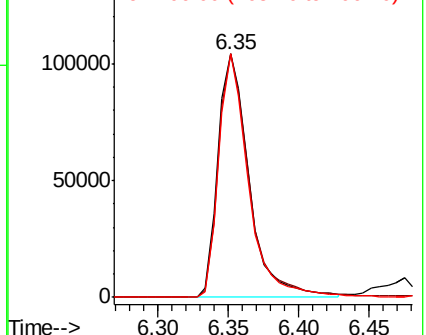
106 100.0 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 101.200 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

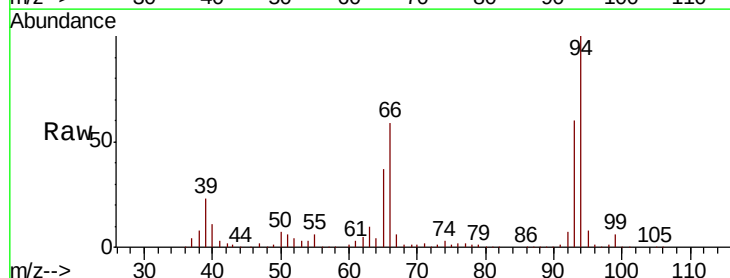
Tgt Ion: 94 Resp: 493139

Ion Ratio Lower Upper

94 100

65 37.2 18.2 58.2

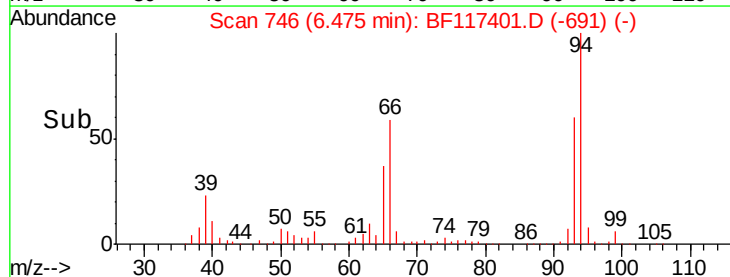
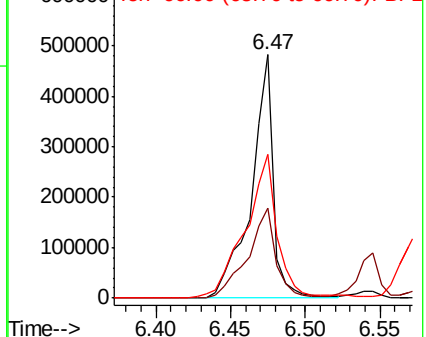
66 58.9 41.1 81.1



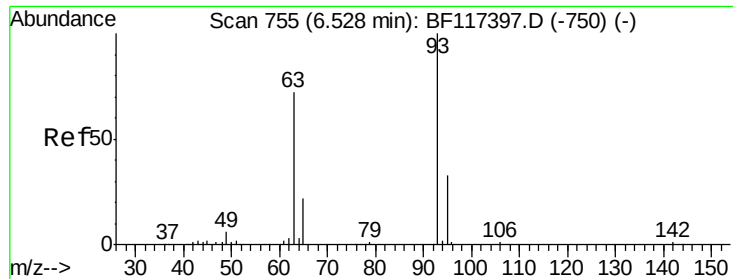
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



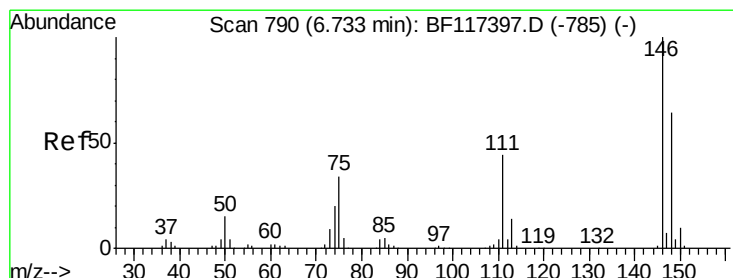
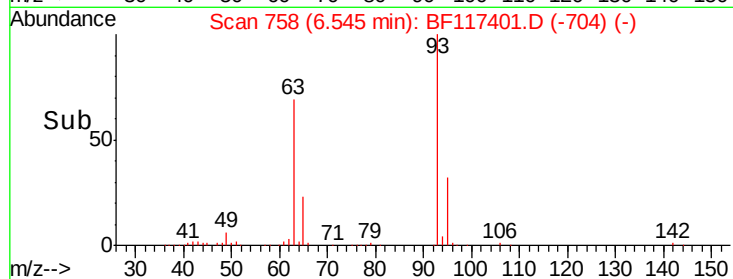
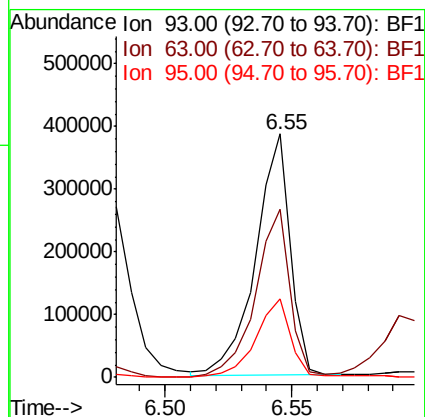
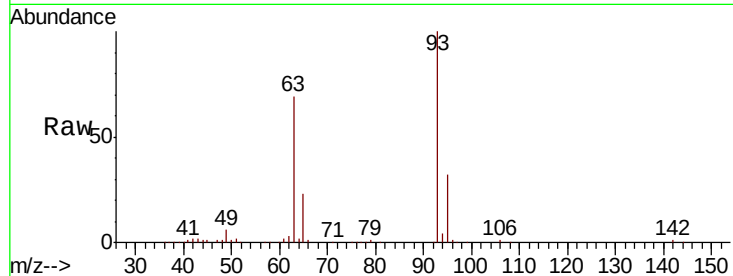




#11  
 bis(2-Chloroethyl)ether  
 Concen: 103.017 ng  
 RT: 6.55 min Scan# 758  
 Delta R.T. 0.02 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

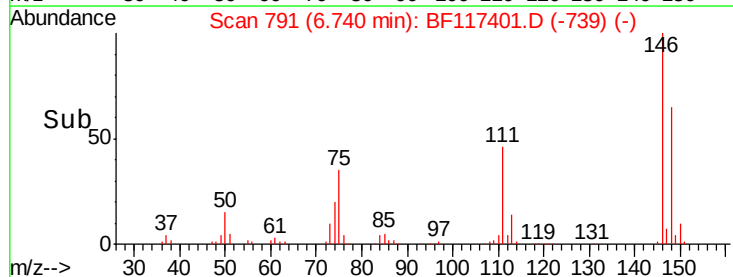
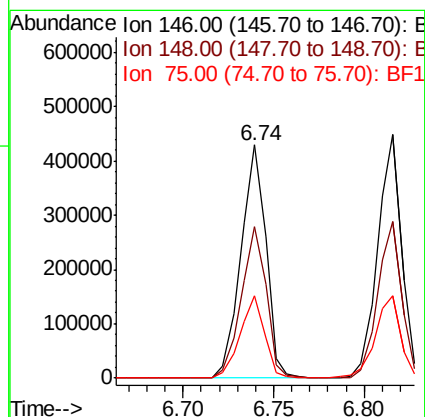
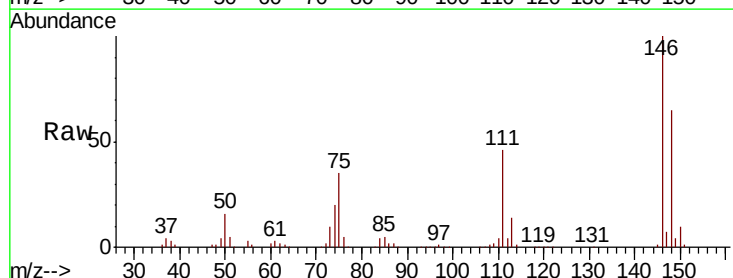
Instrument :  
 BNA\_F  
 ClientSampled :

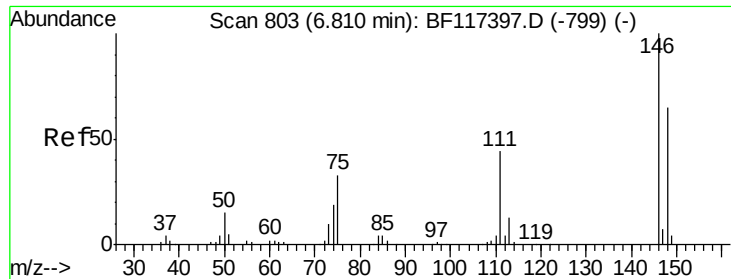
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 68.8  | 50.9  | 90.9  |
| 95      | 32.0  | 12.4  | 52.4  |



#12  
 1,3-Dichlorobenzene  
 Concen: 99.702 ng  
 RT: 6.74 min Scan# 791  
 Delta R.T. 0.01 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 51.0  | 76.6  |
| 75      | 35.4  | 27.4  | 41.2  |

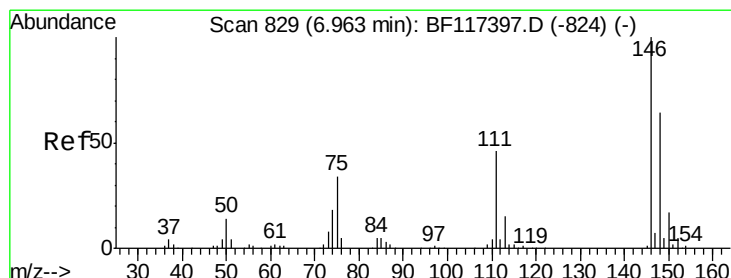
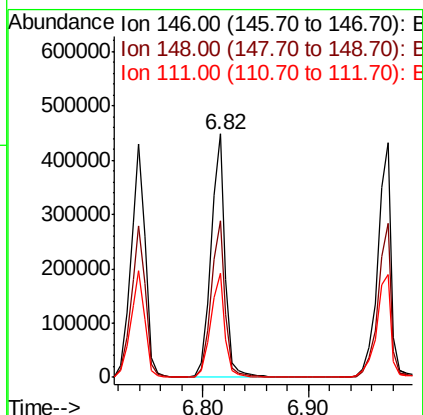
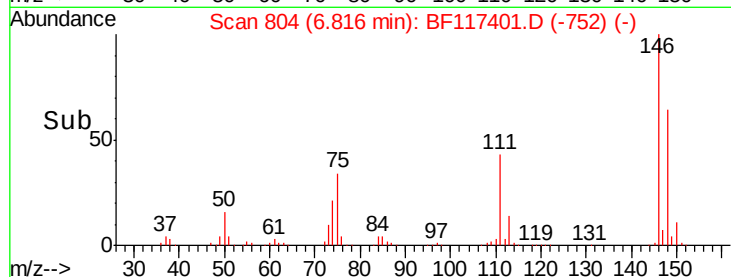
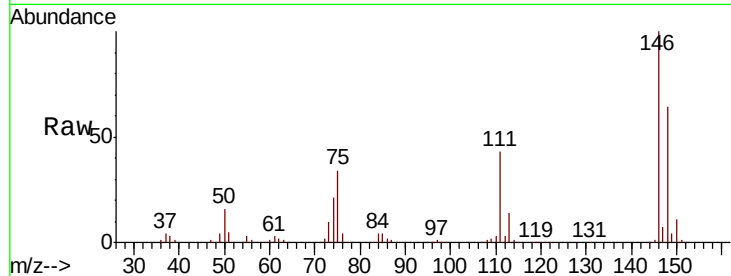




#13  
 1,4-Dichlorobenzene  
 Concen: 99.619 ng  
 RT: 6.82 min Scan# 804  
 Delta R.T. 0.01 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

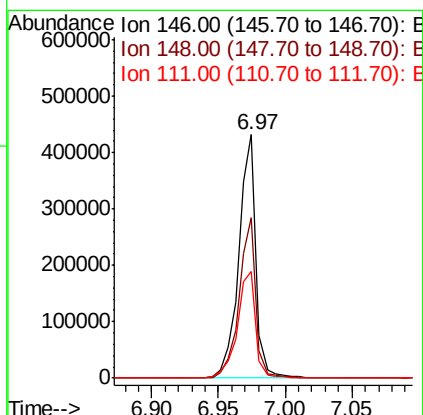
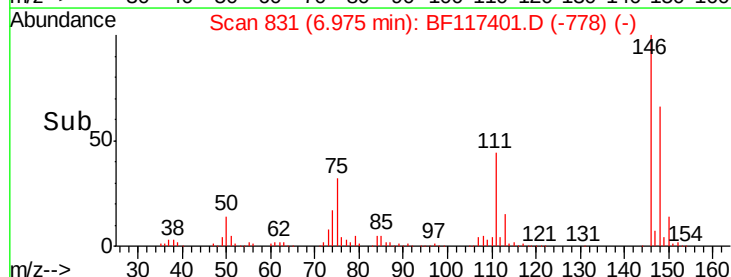
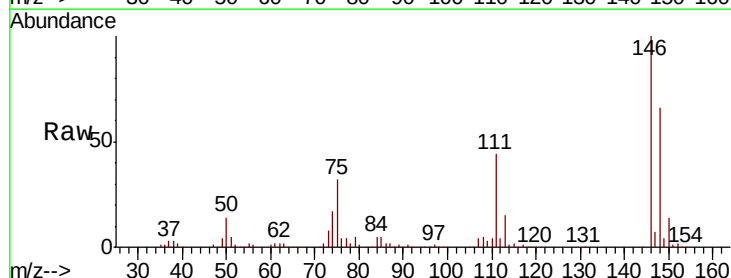
Instrument :  
 BNA\_F  
 ClientSampled :

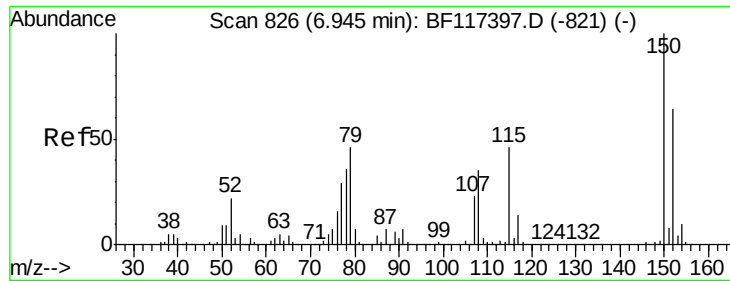
Tot Ion:146 Resp: 420929  
 Ion Ratio Lower Upper  
 146 100  
 148 64.2 52.2 78.2  
 111 42.7 35.7 53.5



#14  
 1,2-Dichlorobenzene  
 Concen: 98.304 ng  
 RT: 6.97 min Scan# 831  
 Delta R.T. 0.01 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

Tgt Ion:146 Resp: 386729  
 Ion Ratio Lower Upper  
 146 100  
 148 65.9 51.0 76.6  
 111 44.0 36.5 54.7

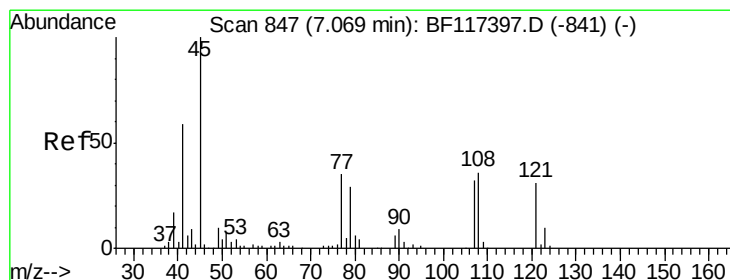
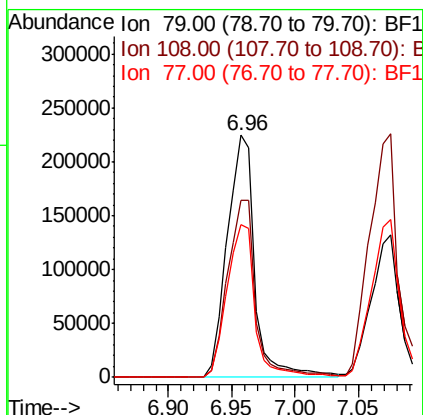
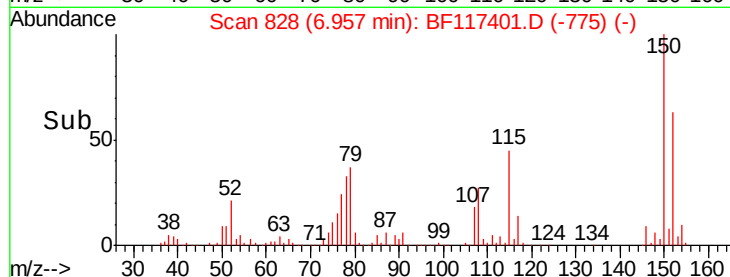
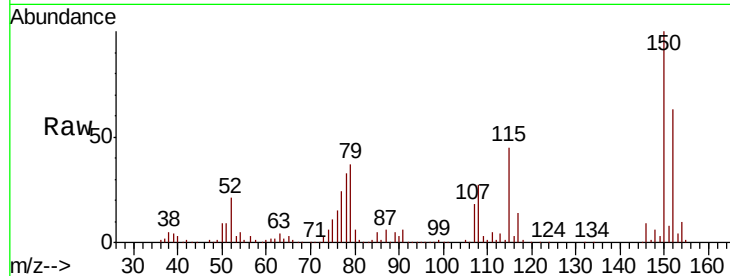




#15  
Benzyl Alcohol  
Concen: 99.514 ng  
RT: 6.96 min Scan# 828  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

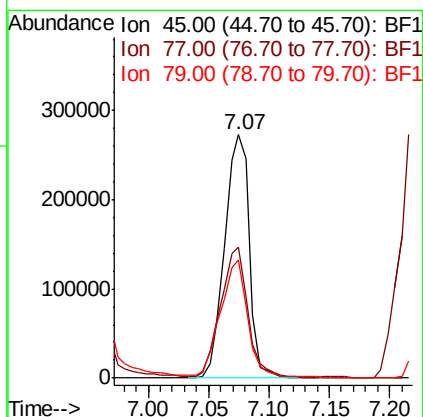
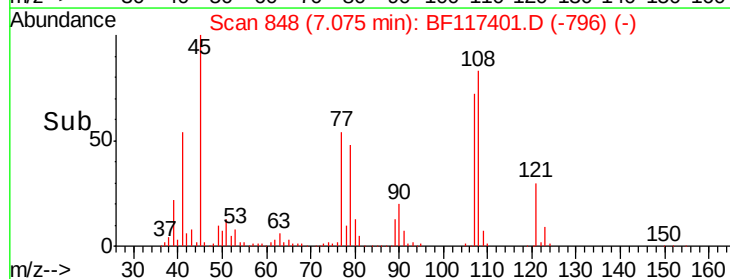
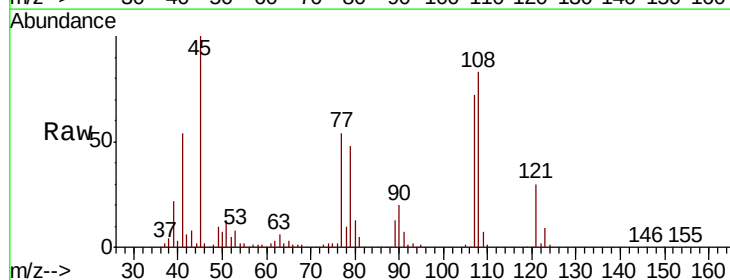
Instrument :  
BNA\_F  
ClientSampleId :

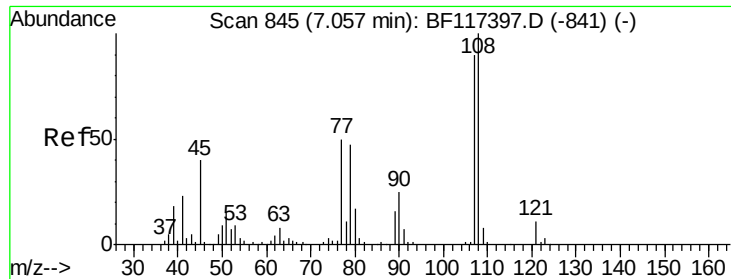
Tot Ion: 79 Resp: 337318  
Ion Ratio Lower Upper  
79 100  
108 73.0 60.4 90.6  
77 63.2 50.6 76.0



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 108.934 ng  
RT: 7.07 min Scan# 848  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Tgt Ion: 45 Resp: 385449  
Ion Ratio Lower Upper  
45 100  
77 53.9 15.9 55.9  
79 48.3 10.7 50.7

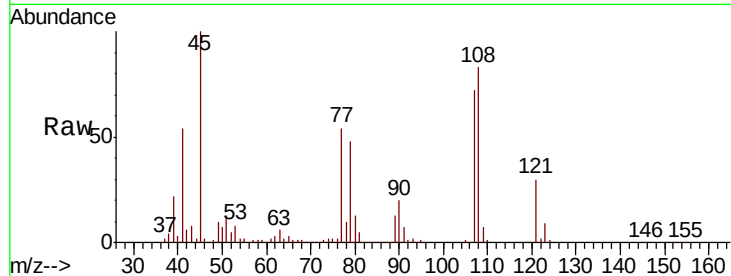




#17  
2-Methylphenol  
Concen: 98.898 ng  
RT: 7.07 min Scan# 848  
Delta R.T. 0.02 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 114.4 | 89.4  | 134.2 |
| 77      | 74.4  | 45.1  | 67.7  |
| 79      | 66.8  | 42.3  | 63.5  |



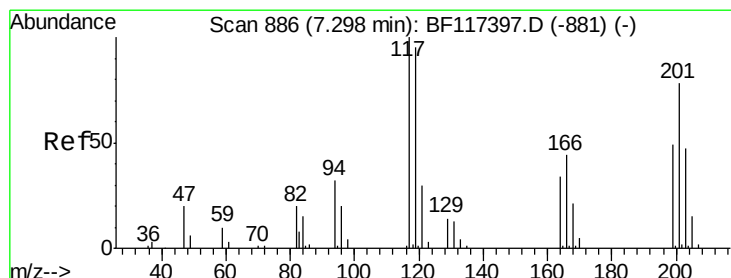
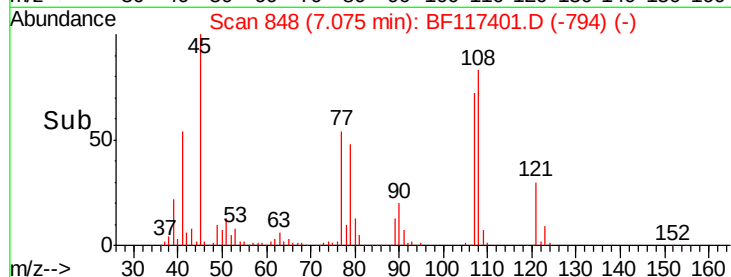
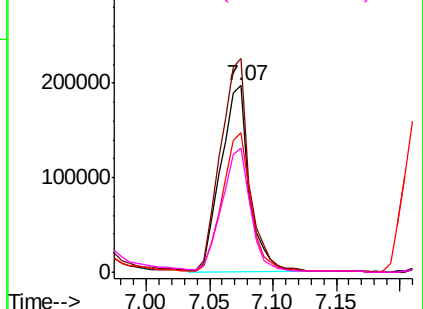
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

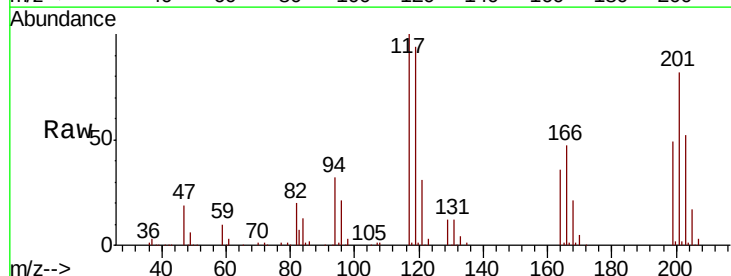
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 101.699 ng  
RT: 7.30 min Scan# 887  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.8  | 75.7  | 113.5 |
| 201     | 82.3  | 62.2  | 93.4  |

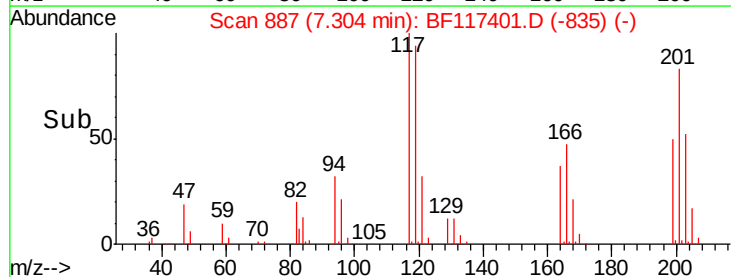
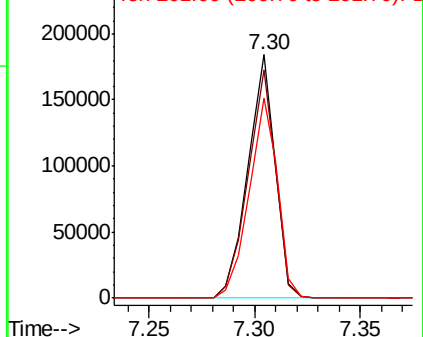


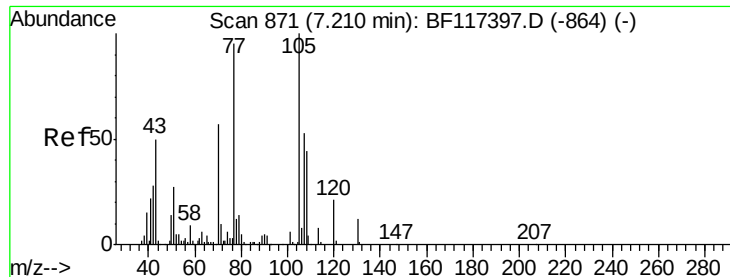
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

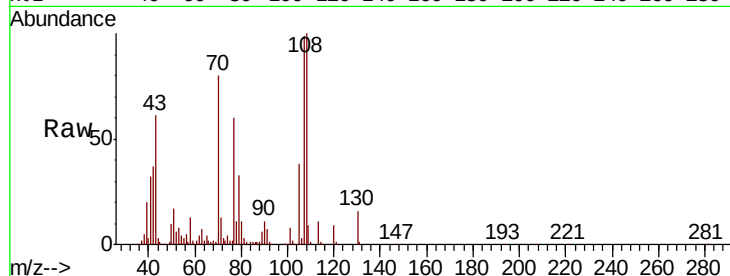




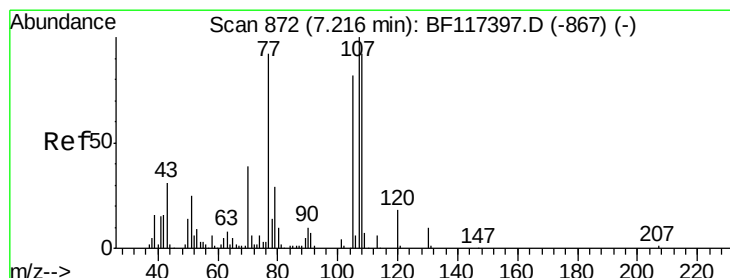
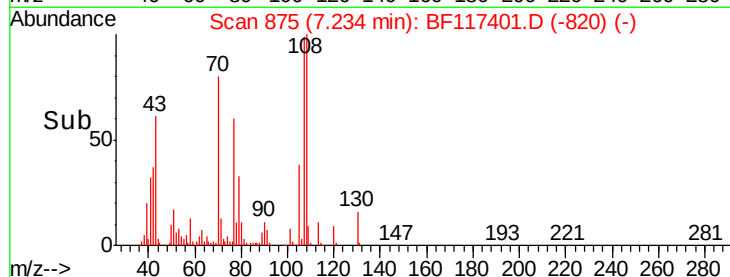
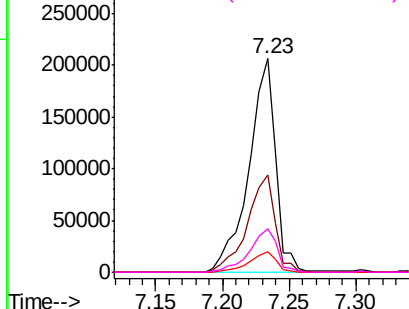
#19  
n-Nitroso-di-n-propylamine  
Concen: 105.916 ng  
RT: 7.23 min Scan# 875  
Delta R.T. 0.02 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 70 Resp: 285084  
Ion Ratio Lower Upper  
70 100  
42 45.6 39.8 59.8  
101 9.6 8.1 12.1  
130 20.4 16.4 24.6

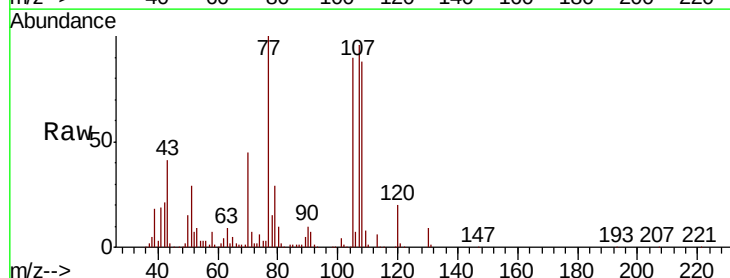


Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

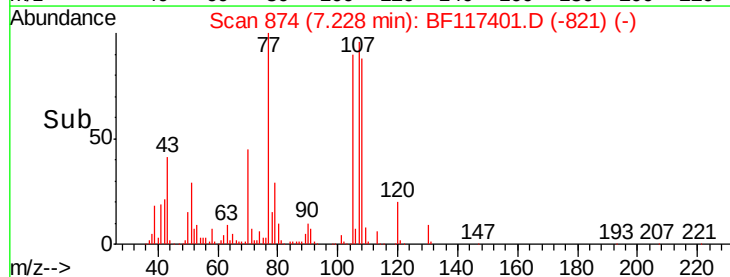
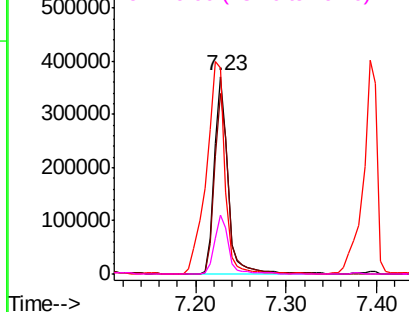


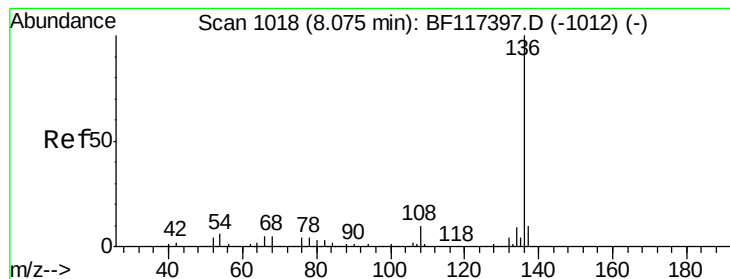
#20  
3+4-Methylphenols  
Concen: 99.807 ng  
RT: 7.23 min Scan# 874  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Tgt Ion:107 Resp: 384446  
Ion Ratio Lower Upper  
107 100  
108 91.7 71.8 111.8  
77 104.1 72.7 112.7  
79 30.0 9.5 49.5



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: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 223514

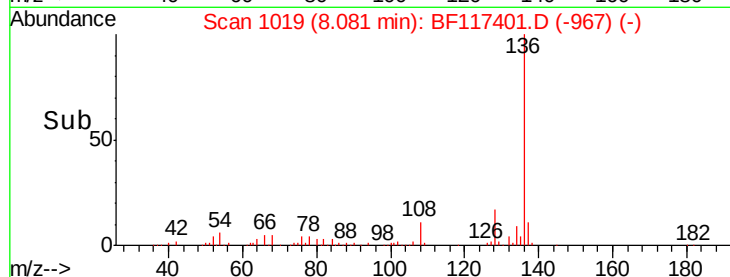
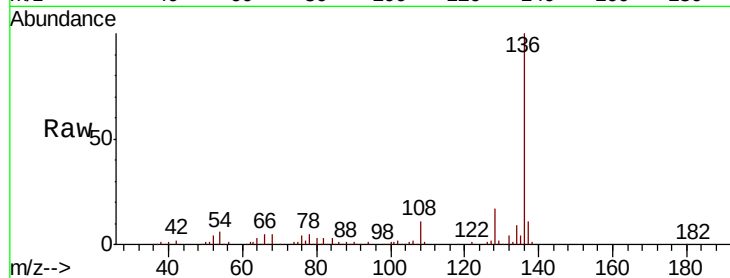
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 5.8 4.6 6.8

68 5.3 3.8 5.8

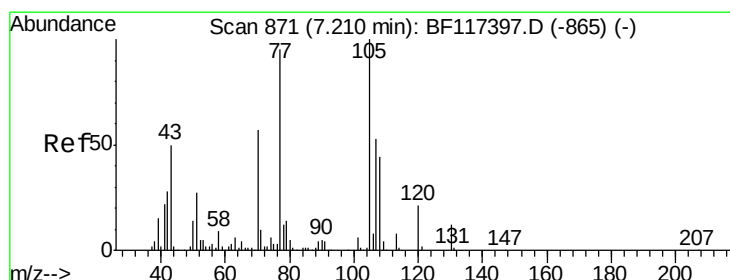
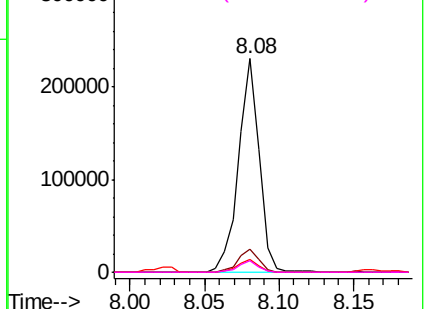


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.824 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Tgt Ion:105 Resp: 572561

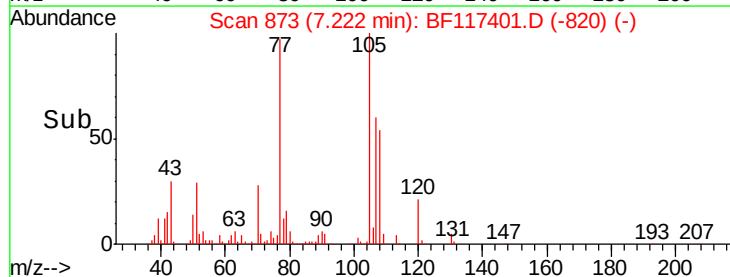
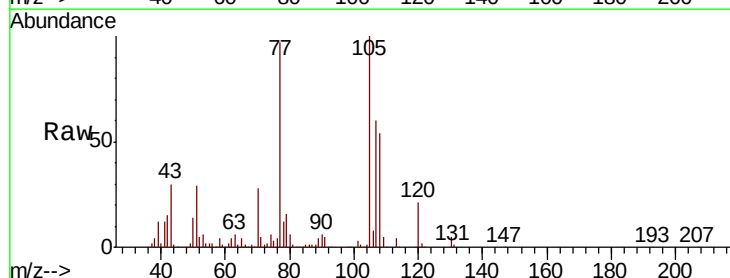
Ion Ratio Lower Upper

105 100

71 5.0 7.8 11.6#

51 28.6 21.5 32.3

120 21.2 16.7 25.1

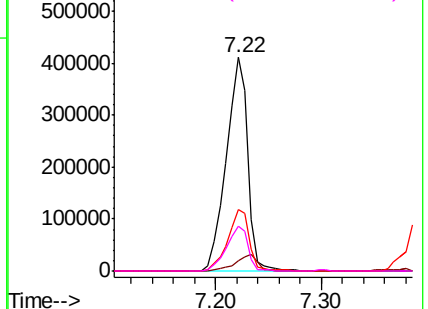


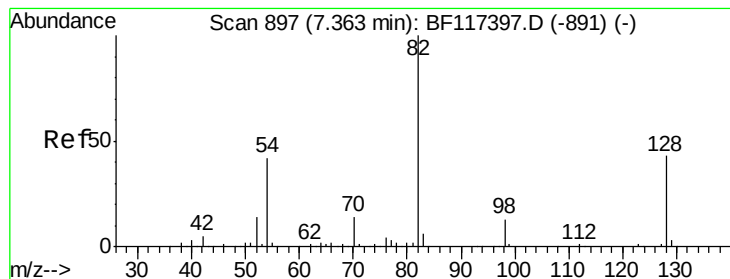
Abundance Ion 105.00 (104.70 to 105.70): E

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: 204.091 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

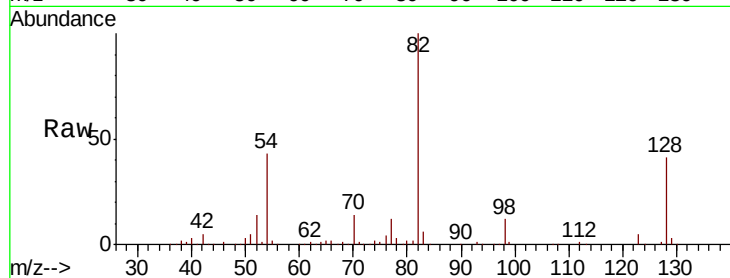
Tot Ion: 82 Resp: 868197

Ion Ratio Lower Upper

82 100

128 41.5 34.1 51.1

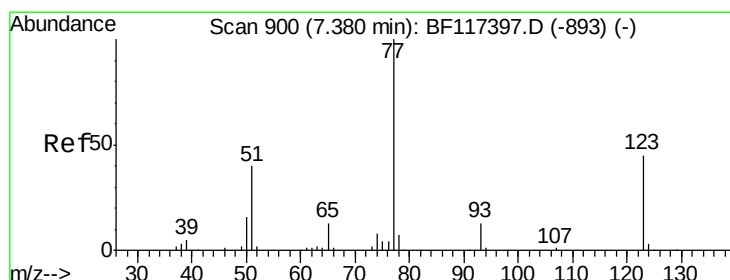
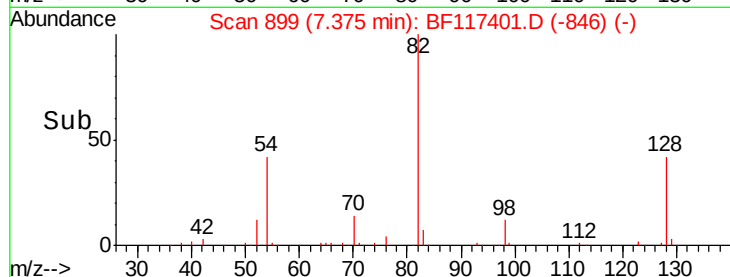
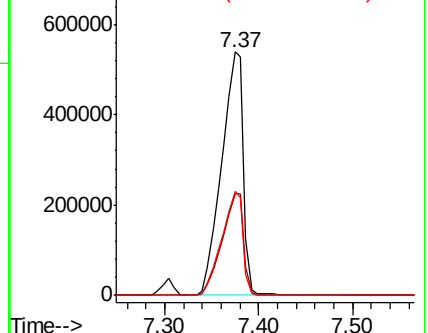
54 42.8 33.3 49.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 102.126 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

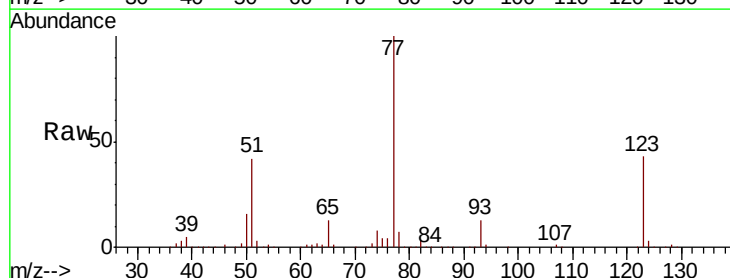
Tgt Ion: 77 Resp: 429025

Ion Ratio Lower Upper

77 100

123 42.7 35.8 53.8

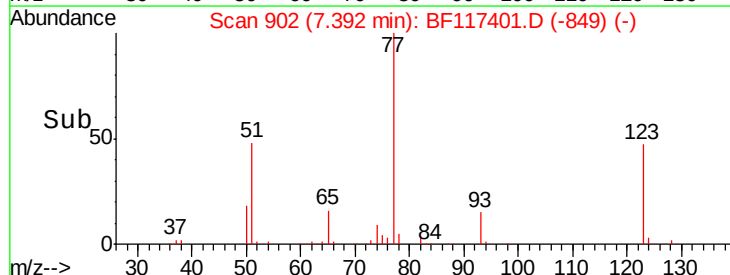
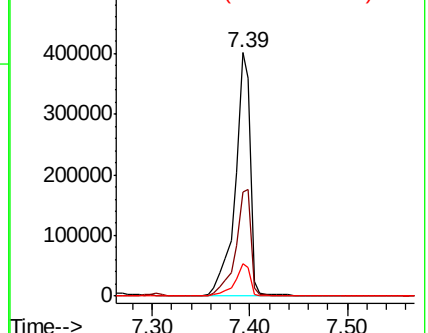
65 13.3 10.1 15.1



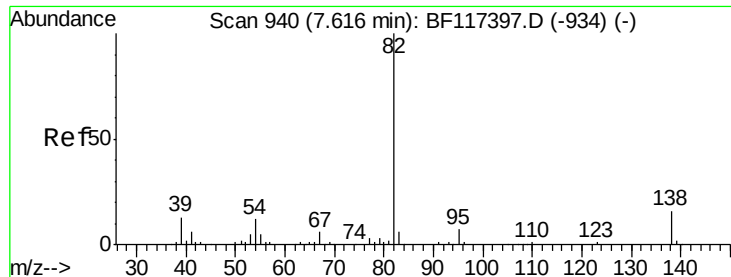
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1







#25

Isophorone

Concen: 102.510 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.02 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampled :

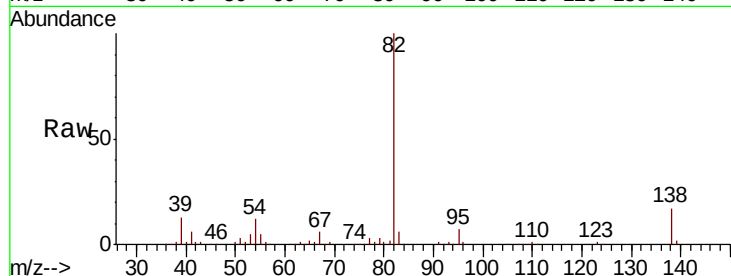
Tot Ion: 82 Resp: 772104

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

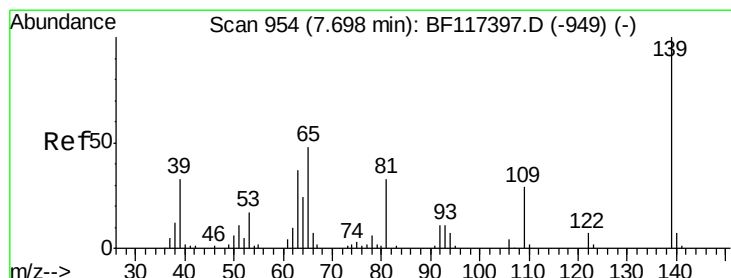
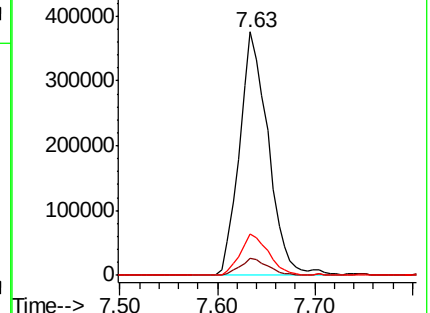
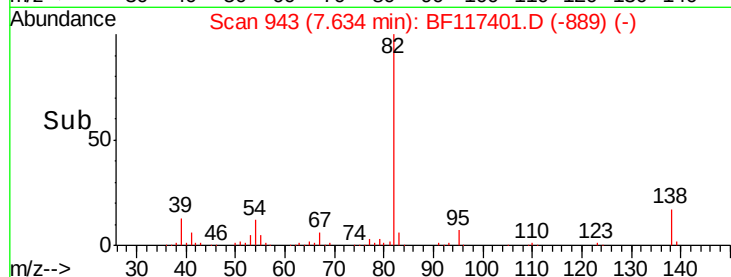
138 16.9 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 109.087 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

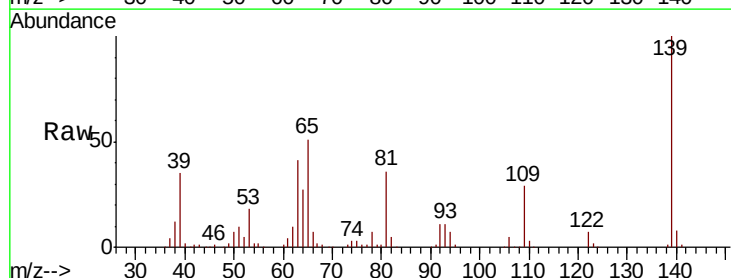
Tgt Ion: 139 Resp: 196843

Ion Ratio Lower Upper

139 100

109 28.6 23.1 34.7

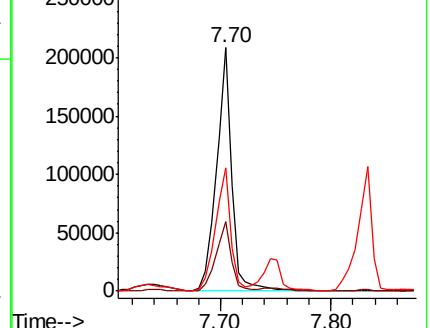
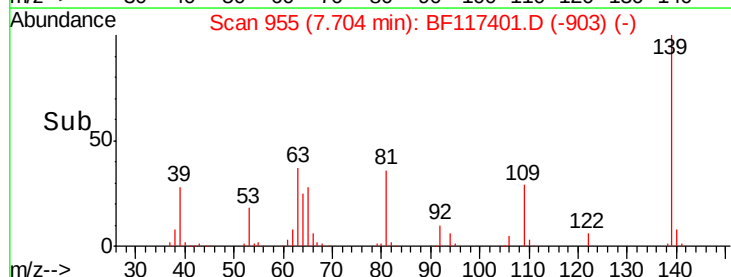
65 50.5 38.2 57.4

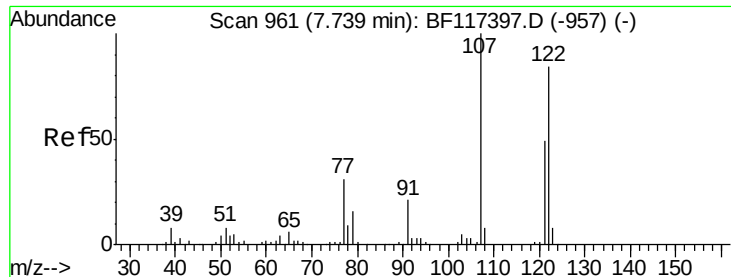


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

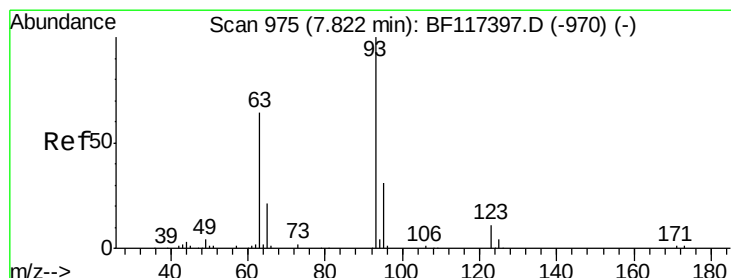
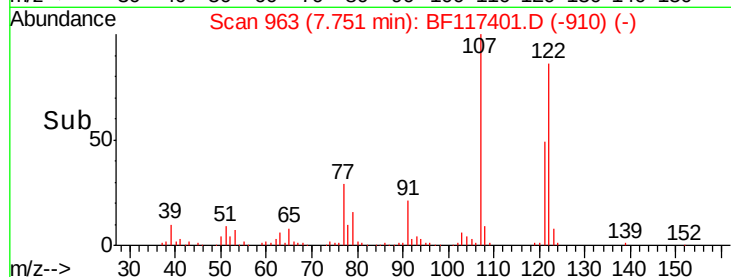
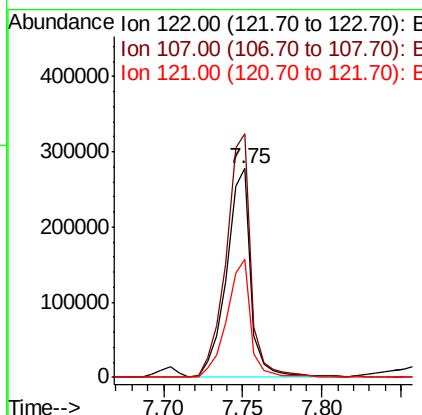
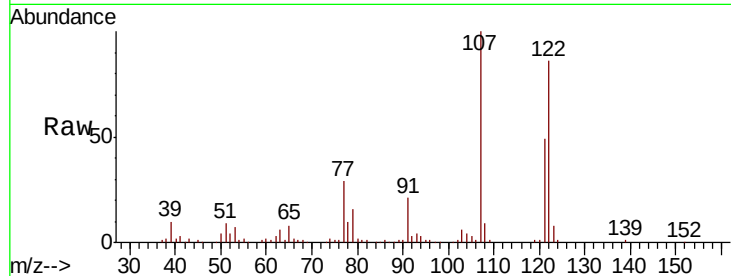




#27  
 2,4-Dimethylphenol  
 Concen: 102.172 ng  
 RT: 7.75 min Scan# 963  
 Delta R.T. 0.01 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

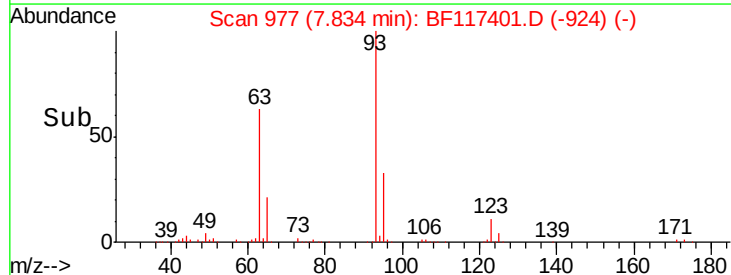
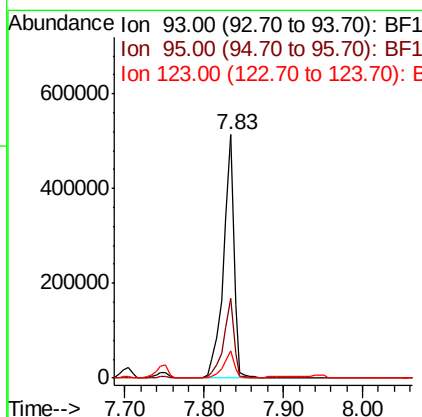
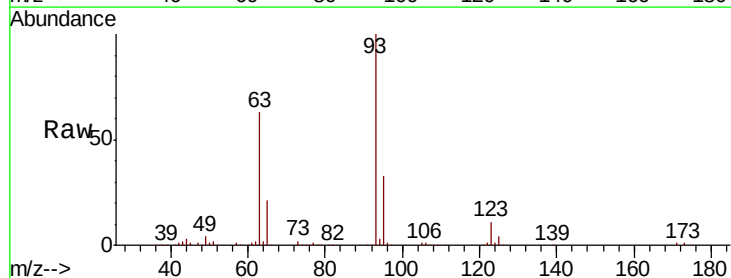
Instrument :  
 BNA\_F  
 ClientSampled :

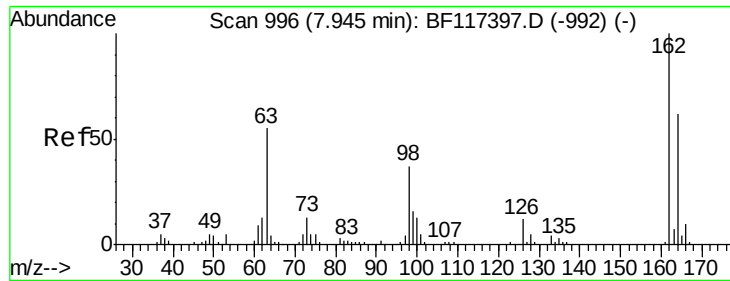
Tot Ion:122 Resp: 292365  
 Ion Ratio Lower Upper  
 122 100  
 107 116.7 95.0 142.6  
 121 56.6 46.6 69.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 101.997 ng  
 RT: 7.83 min Scan# 977  
 Delta R.T. 0.01 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

Tgt Ion: 93 Resp: 473322  
 Ion Ratio Lower Upper  
 93 100  
 95 32.8 25.1 37.7  
 123 11.2 8.6 12.8

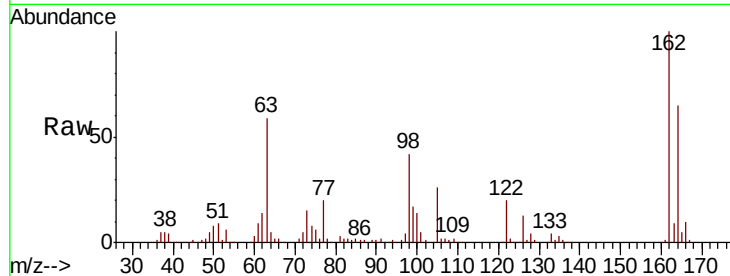




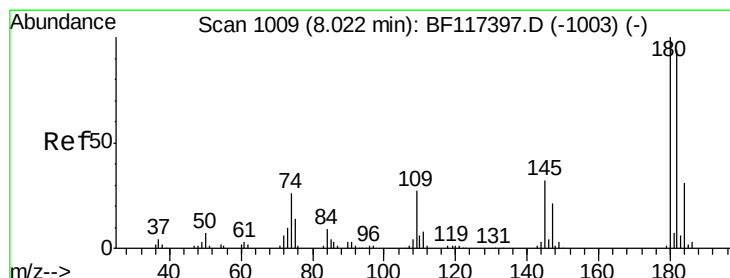
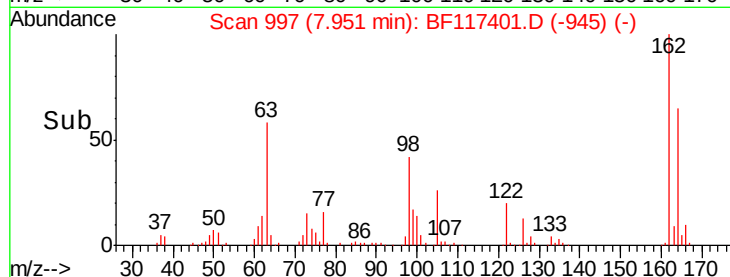
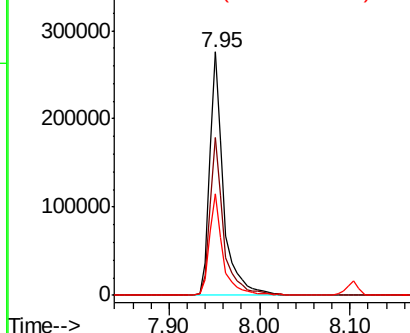
#29  
2,4-Dichlorophenol  
Concen: 99.429 ng  
RT: 7.95 min Scan# 997  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.7  | 42.2  | 82.2  |
| 98      | 41.9  | 17.4  | 57.4  |

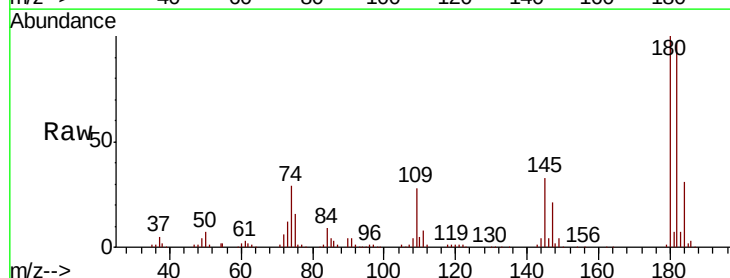


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

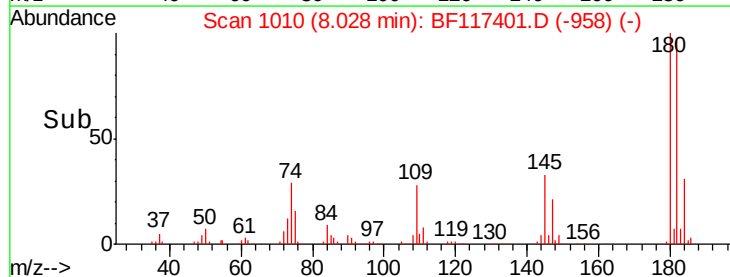
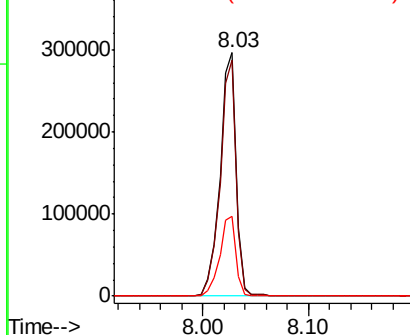


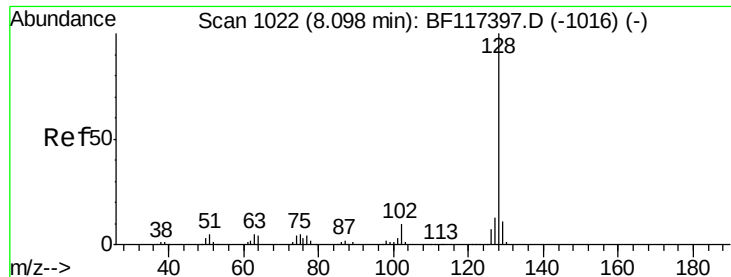
#30  
1,2,4-Trichlorobenzene  
Concen: 98.510 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.7  | 75.4  | 113.2 |
| 145     | 33.0  | 25.5  | 38.3  |



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

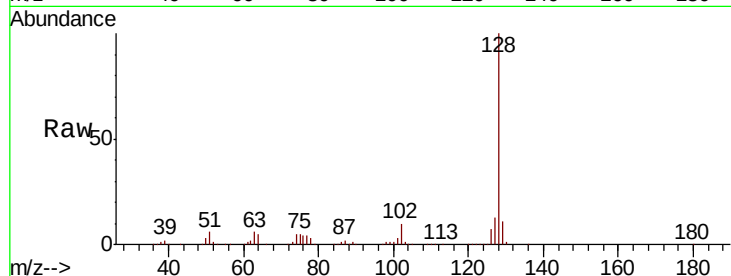




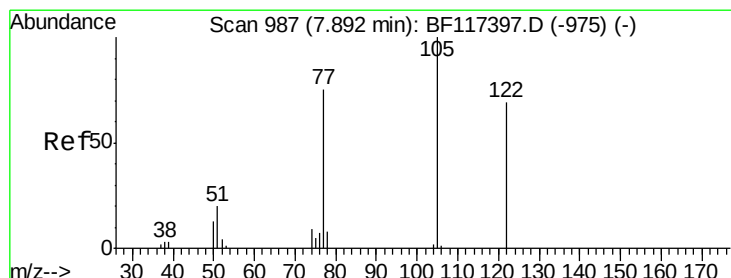
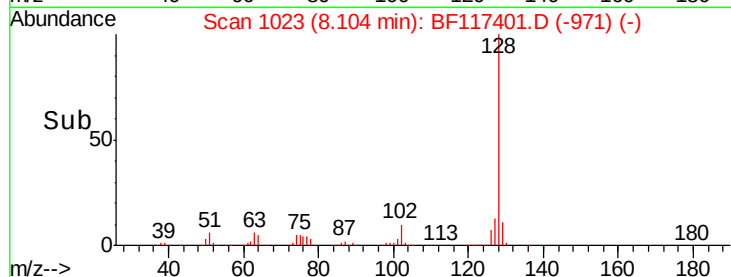
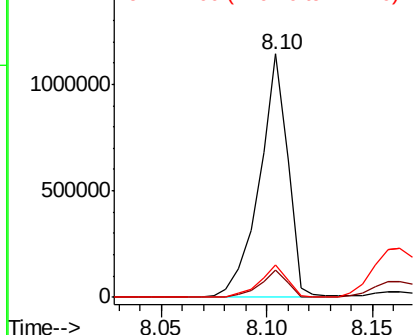
#31  
Naphthalene  
Concen: 99.712 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:128 Resp: 1071870  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.6 12.8  
127 13.4 10.4 15.6

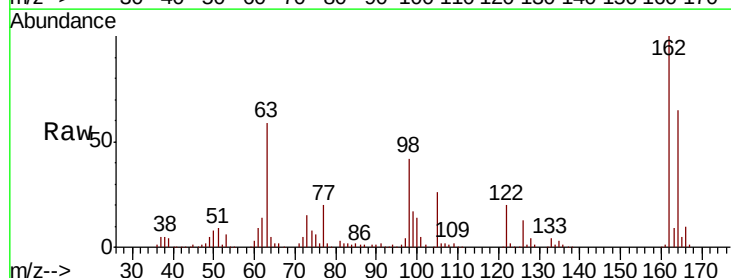


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

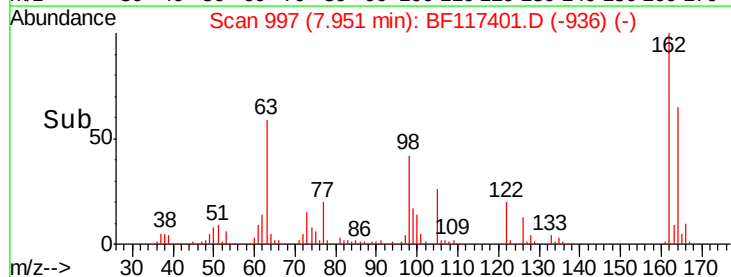
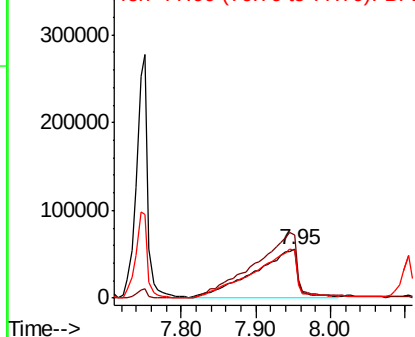


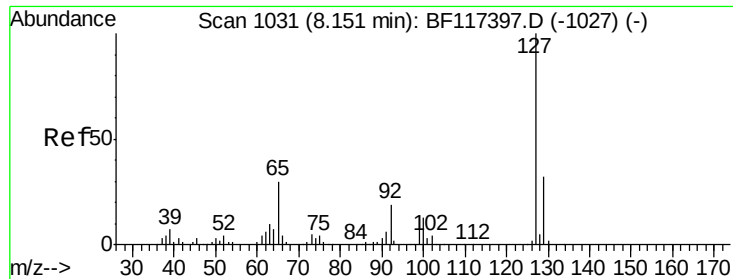
#32  
Benzoic acid  
Concen: 109.509 ng  
RT: 7.95 min Scan# 997  
Delta R.T. 0.06 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Tgt Ion:122 Resp: 220394  
Ion Ratio Lower Upper  
122 100  
105 128.6 121.5 161.5  
77 98.7 88.3 128.3



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

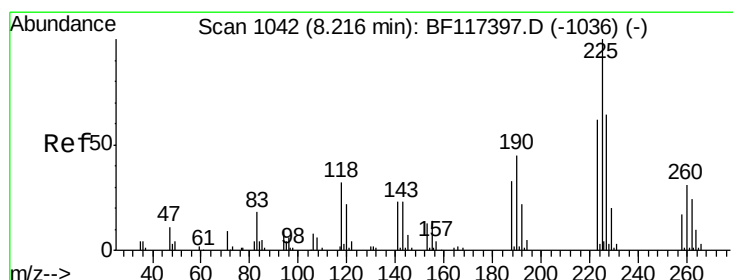
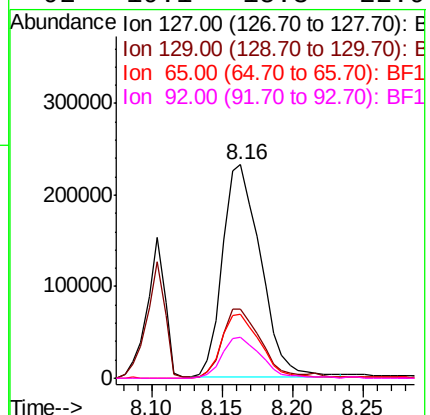
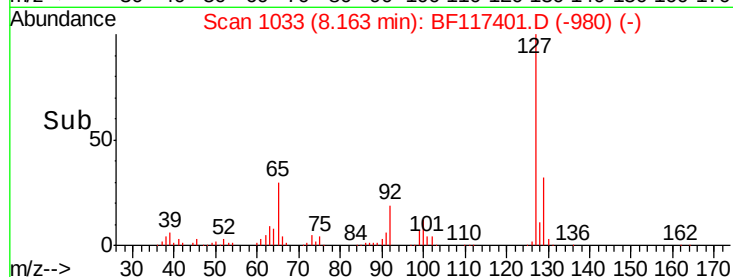
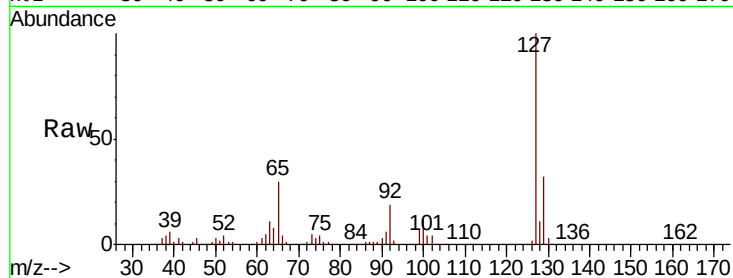




#33  
4-Chloroaniline  
Concen: 91.591 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

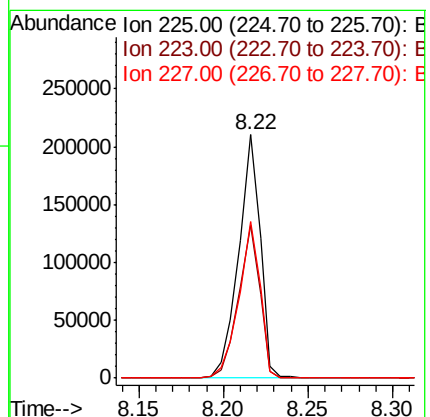
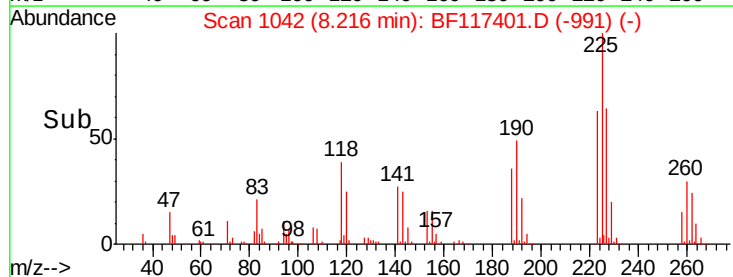
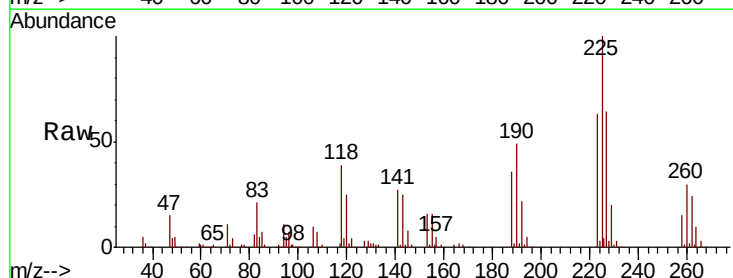
Instrument :  
BNA\_F  
ClientSampleId :

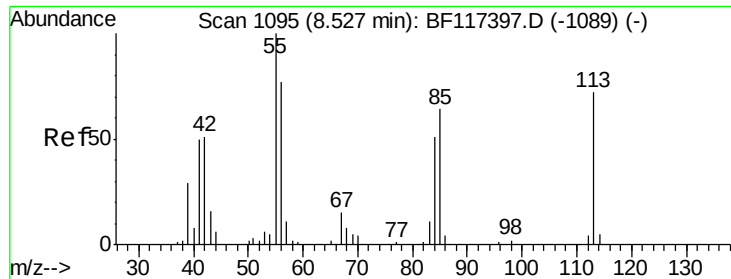
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 436687 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 25.4  | 38.0   |
| 65       | 30.2  | 23.8  | 35.8   |
| 92       | 19.1  | 15.3  | 22.9   |



#34  
Hexachlorobutadiene  
Concen: 101.490 ng  
RT: 8.22 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 186520 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.6  | 49.7  | 74.5   |
| 227      | 64.1  | 50.9  | 76.3   |

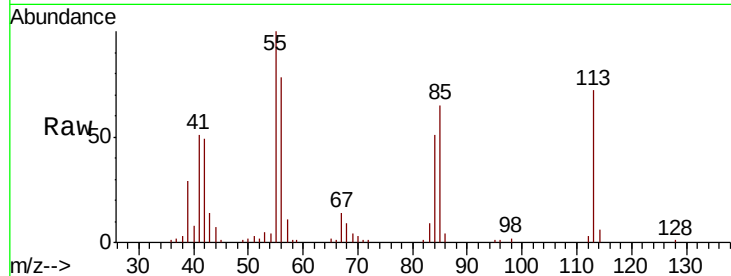




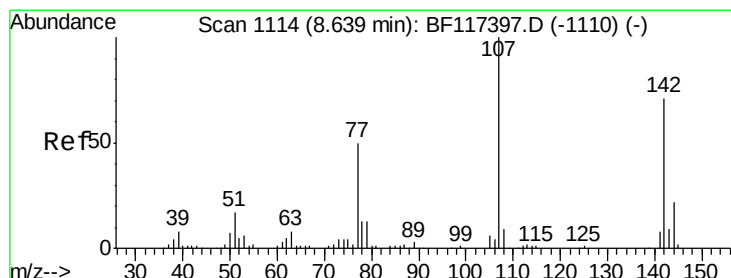
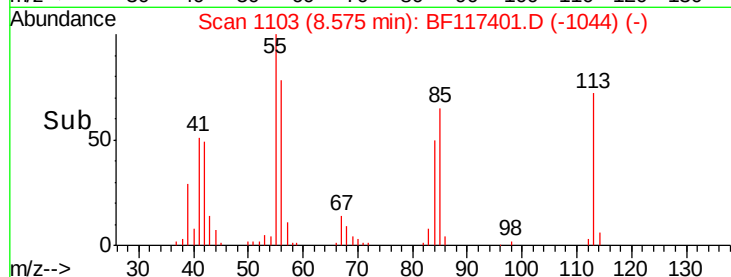
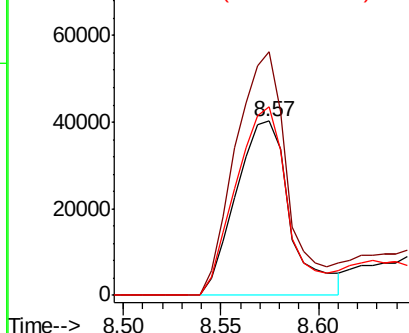
#35  
 Caprolactam  
 Concen: 77.111 ng  
 RT: 8.57 min Scan# 1103  
 Delta R.T. 0.05 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:113 Resp: 78257  
 Ion Ratio Lower Upper  
 113 100  
 55 139.6 118.5 158.5  
 56 108.3 86.7 126.7

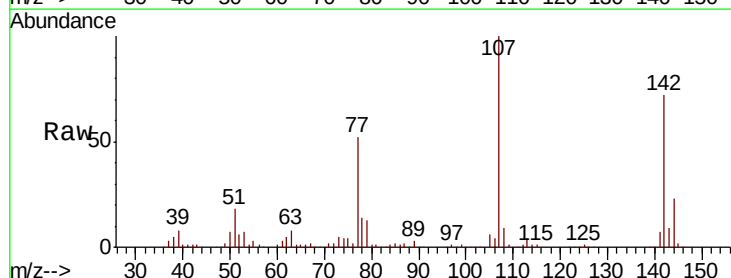


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

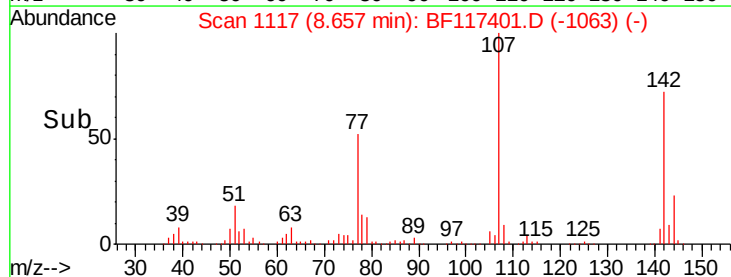
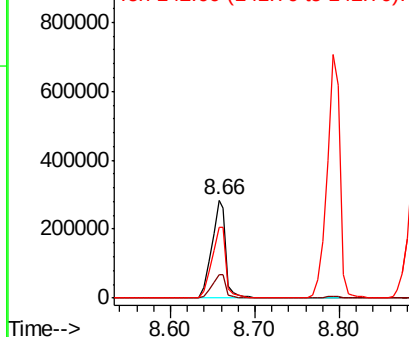


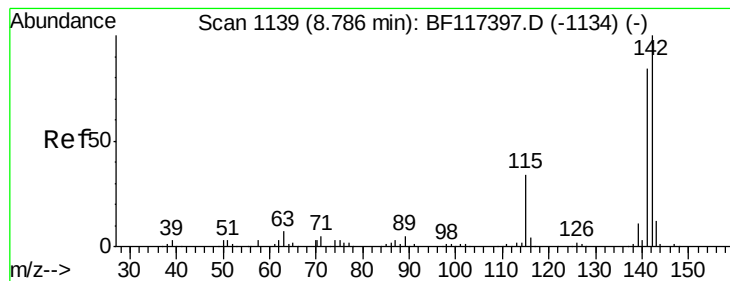
#36  
 4-Chloro-3-methylphenol  
 Concen: 97.104 ng  
 RT: 8.66 min Scan# 1117  
 Delta R.T. 0.02 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

Tgt Ion:107 Resp: 339488  
 Ion Ratio Lower Upper  
 107 100  
 144 23.4 17.9 26.9  
 142 72.0 56.9 85.3



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: 100.205 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

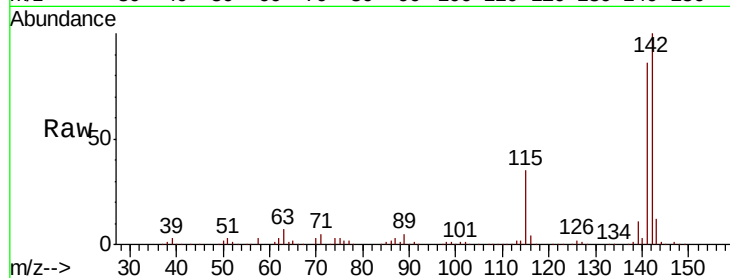
Tot Ion:142 Resp: 725357

Ion Ratio Lower Upper

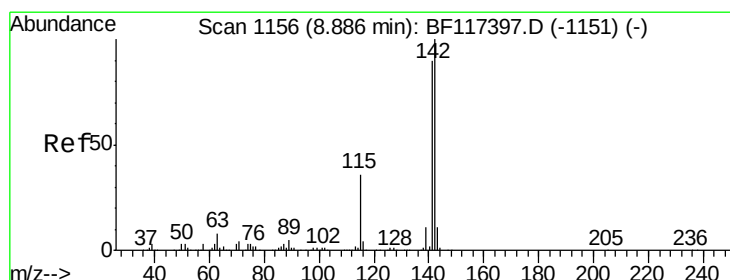
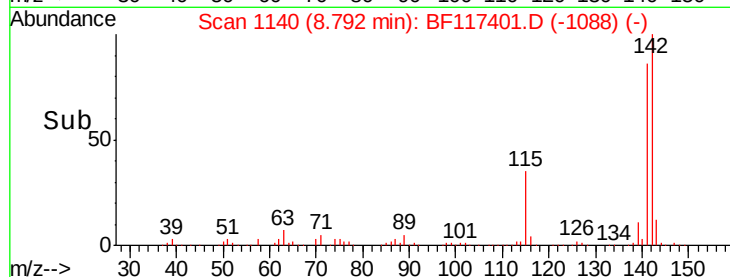
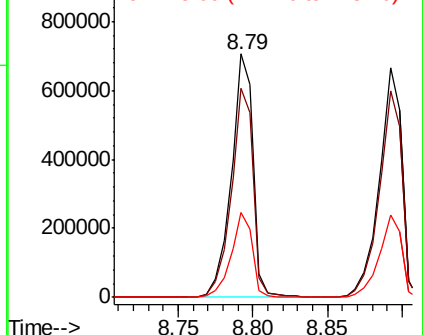
142 100

141 85.9 67.2 100.8

115 34.7 26.9 40.3



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: 100.528 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

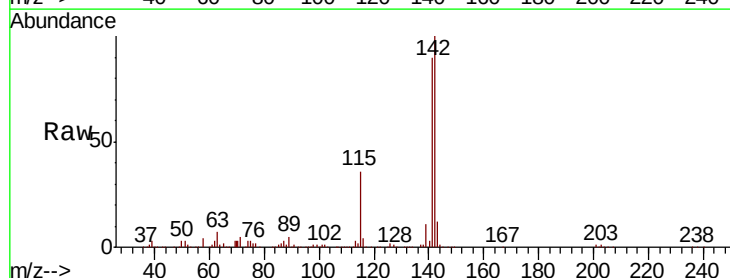
Tgt Ion:142 Resp: 681544

Ion Ratio Lower Upper

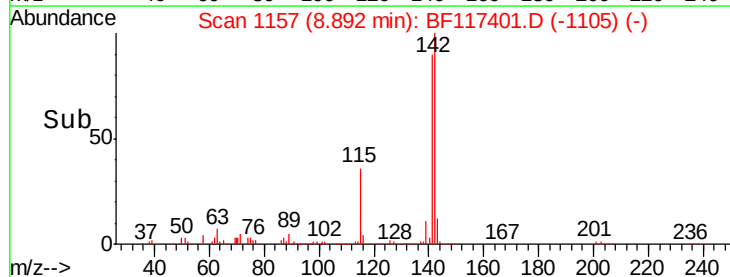
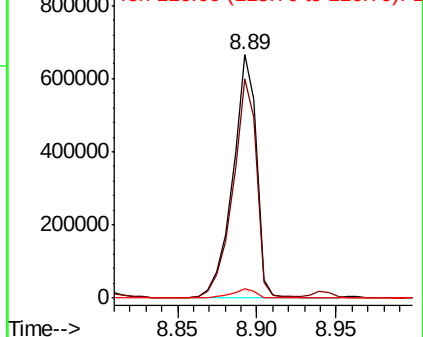
142 100

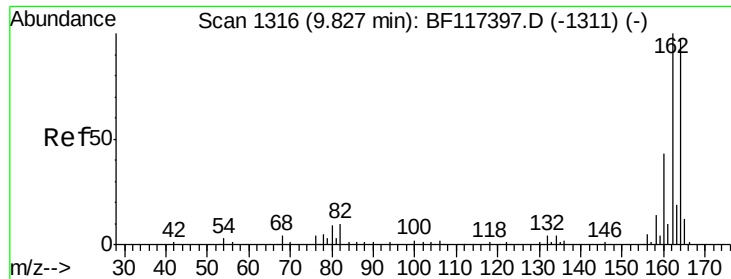
141 90.1 71.8 107.8

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: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

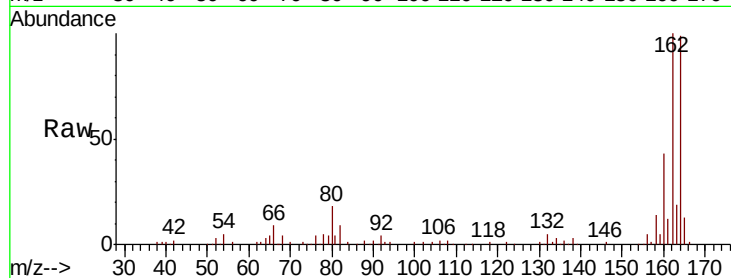
Tot Ion:164 Resp: 114415

Ion Ratio Lower Upper

164 100

162 101.5 82.4 123.6

160 43.4 35.4 53.0

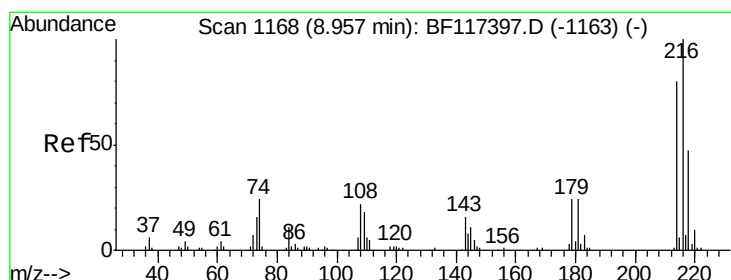
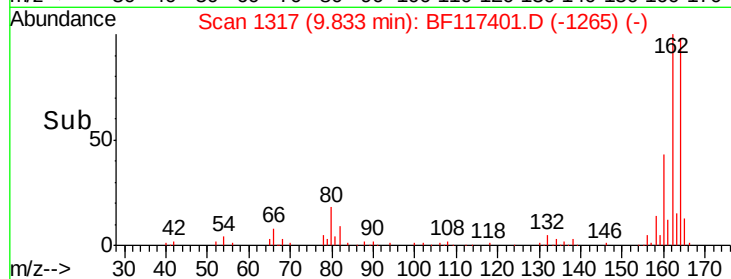
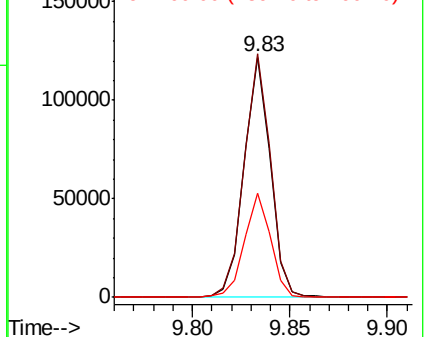


Abundance

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: 98.770 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Tgt Ion:216 Resp: 291816

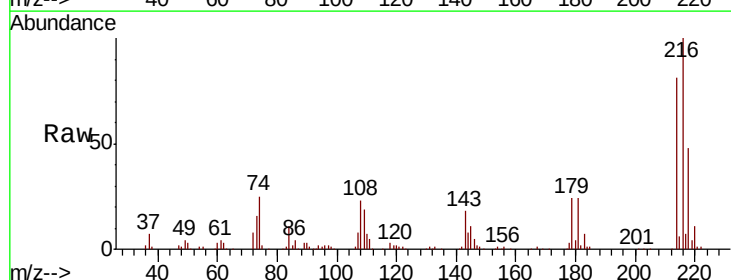
Ion Ratio Lower Upper

216 100

214 80.4 63.8 95.6

179 23.4 18.6 28.0

108 21.9 17.0 25.4



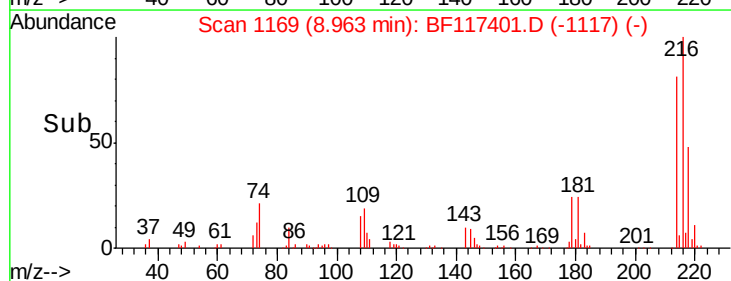
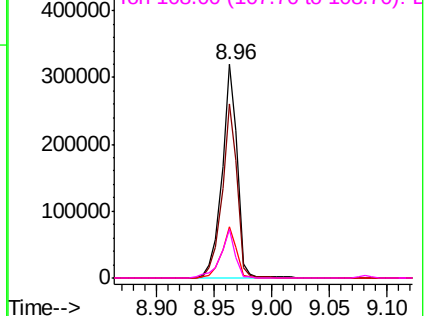
Abundance

Ion 216.00 (215.70 to 216.70): E

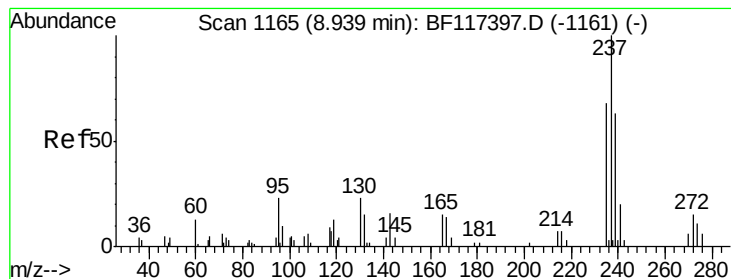
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 81.167 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

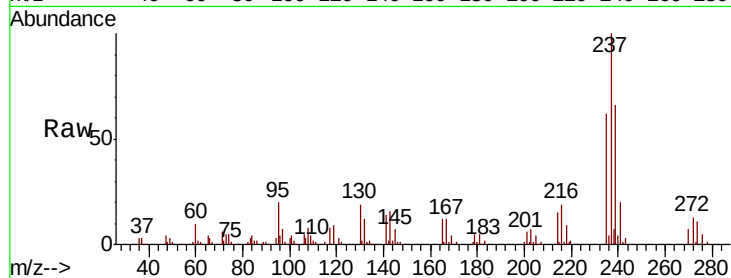
Tot Ion:237 Resp: 90199

Ion Ratio Lower Upper

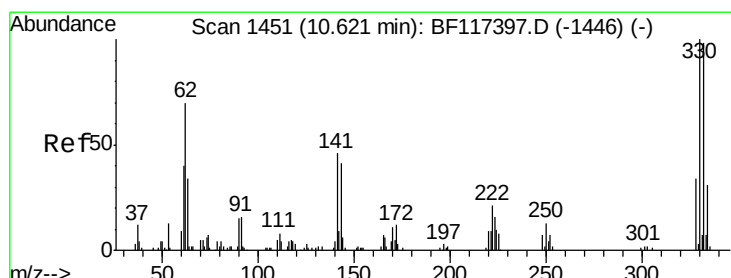
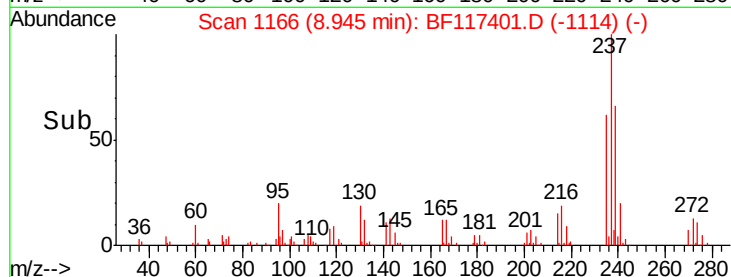
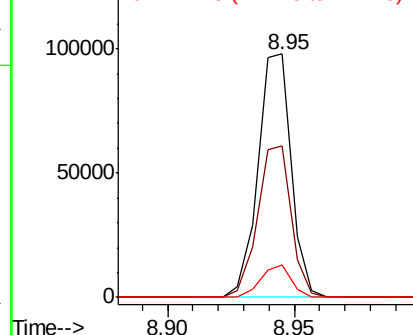
237 100

235 62.3 47.8 87.8

272 13.4 0.0 35.0



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: 178.546 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

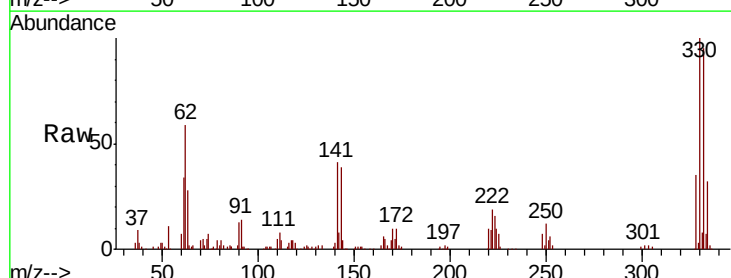
Tgt Ion:330 Resp: 170734

Ion Ratio Lower Upper

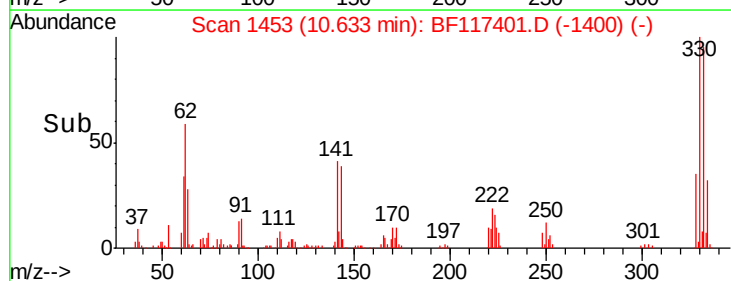
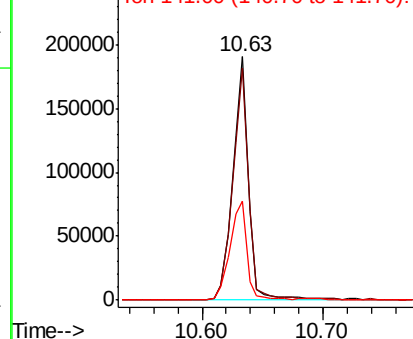
330 100

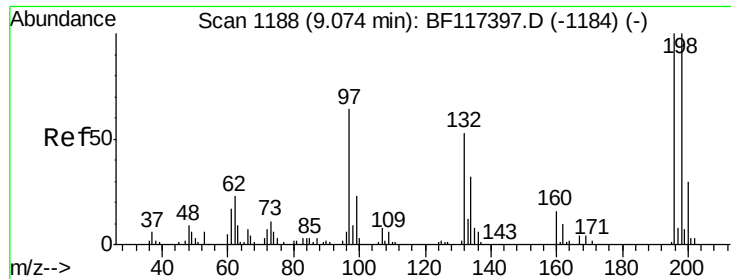
332 97.5 75.0 112.6

141 44.1 34.2 51.4



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

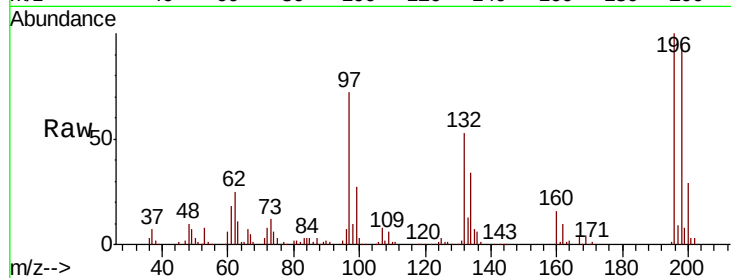




#43  
 2,4,6-Trichlorophenol  
 Concen: 92.024 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. 0.01 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.0  | 79.8  | 119.6 |
| 200     | 28.7  | 23.7  | 35.5  |

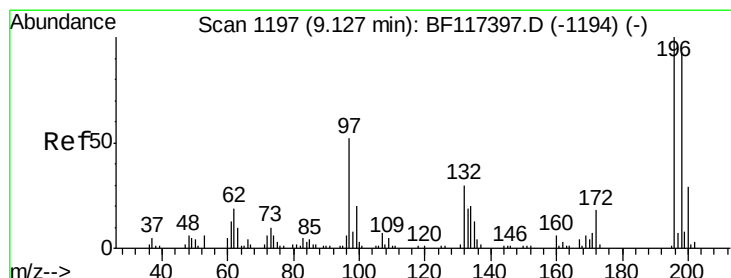
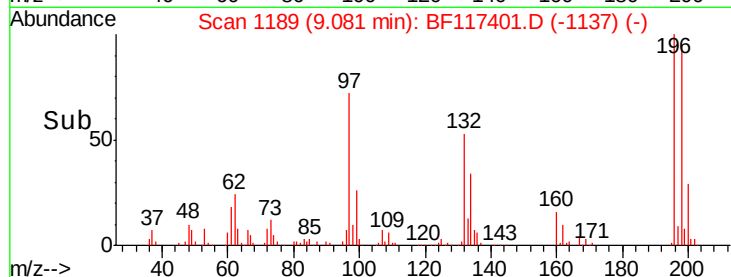
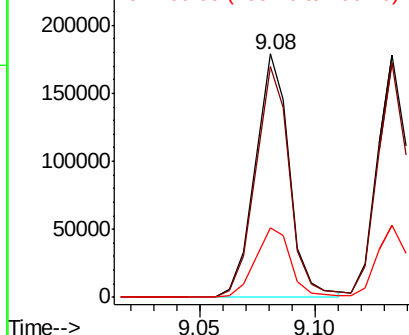


Abundance

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: 86.796 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. 0.01 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.9  | 74.9  | 112.3 |
| 97      | 59.6  | 42.5  | 63.7  |
| 132     | 33.2  | 24.7  | 37.1  |

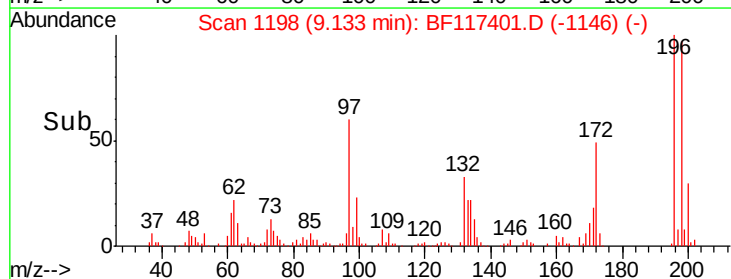
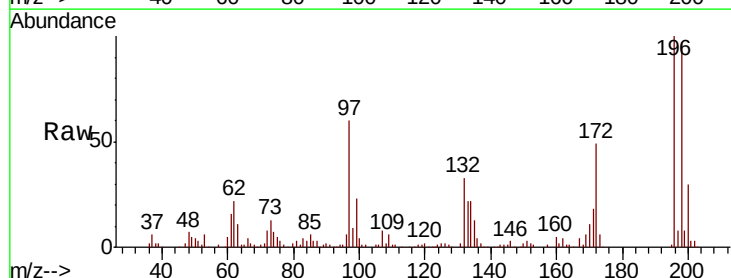
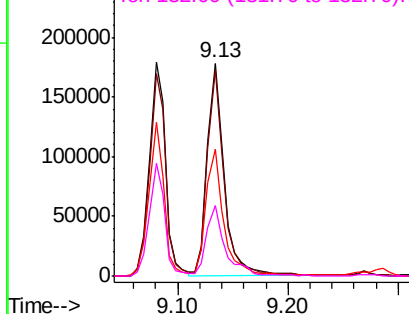
Abundance

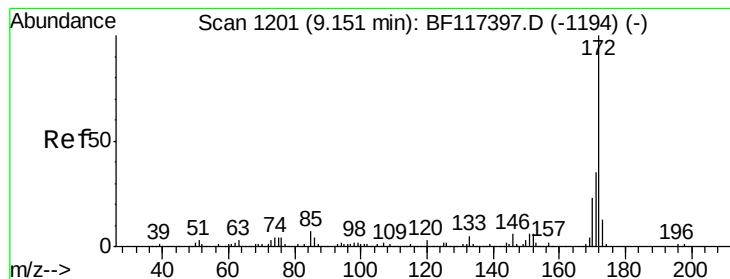
Ion 196.00 (195.70 to 196.70): E

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: 199.960 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

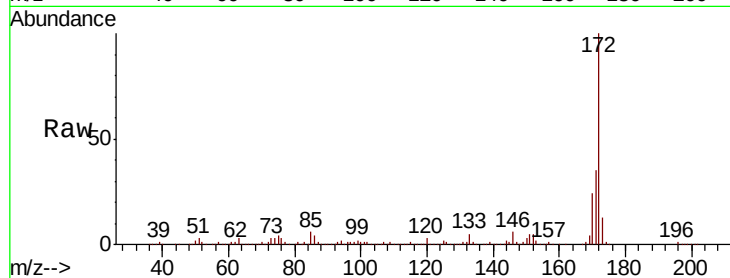
Tot Ion:172 Resp: 1463216

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

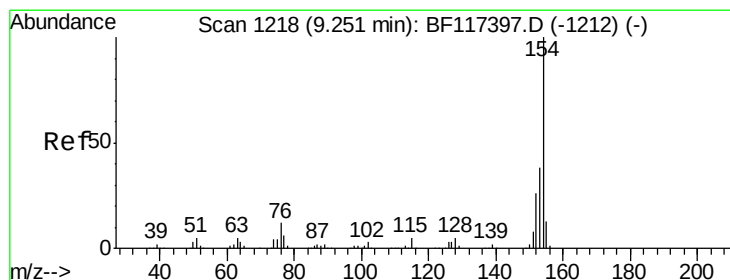
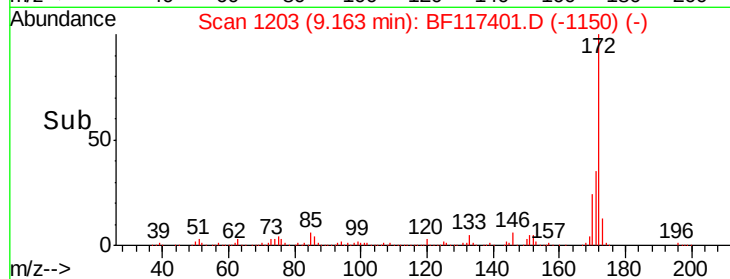
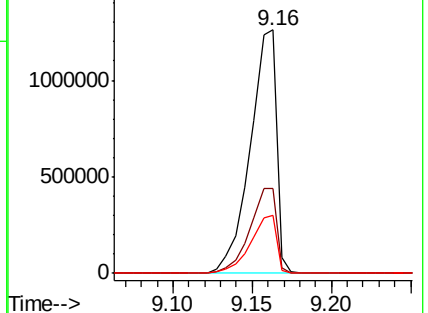
170 23.7 18.2 27.2



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: 97.919 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

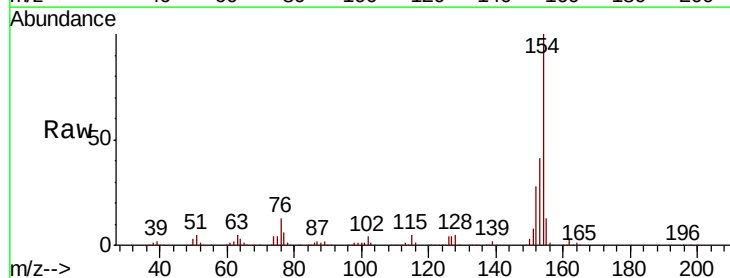
Tgt Ion:154 Resp: 878793

Ion Ratio Lower Upper

154 100

153 40.5 18.3 58.3

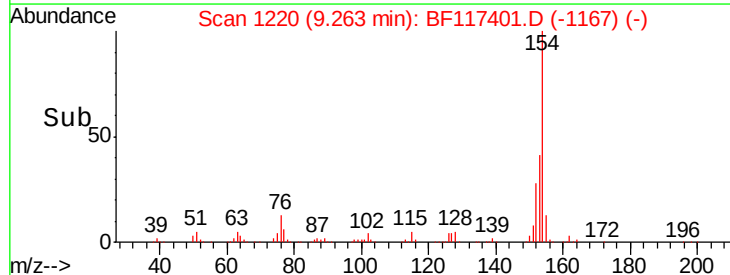
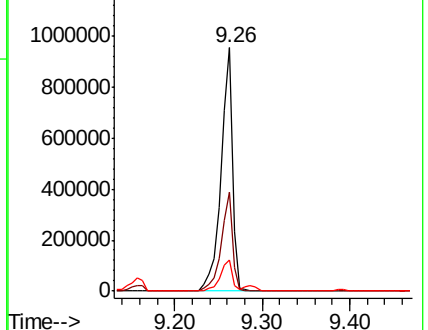
76 13.0 0.0 32.3

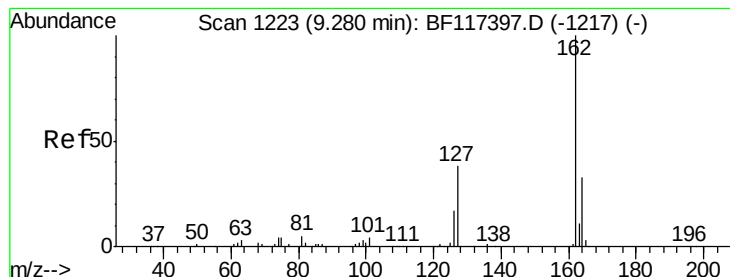


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 97.365 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

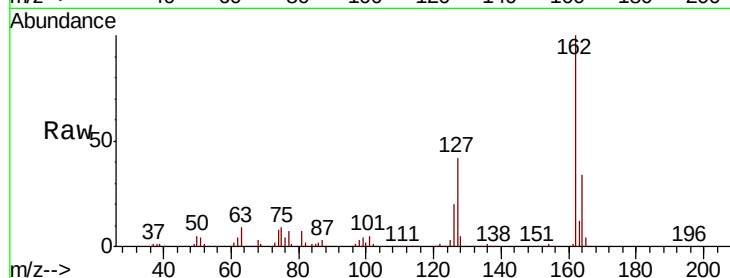
Tot Ion:162 Resp: 689635

Ion Ratio Lower Upper

162 100

127 42.3 32.6 48.8

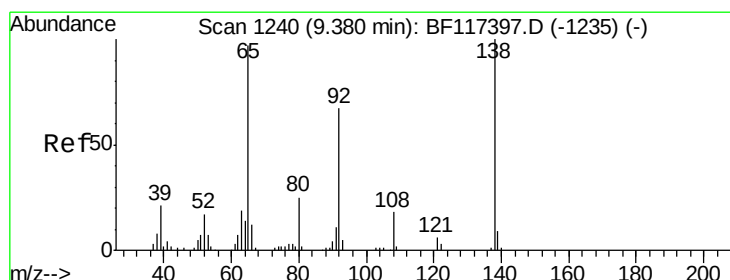
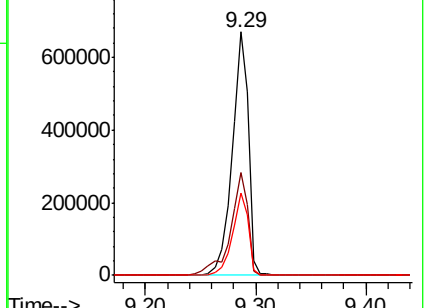
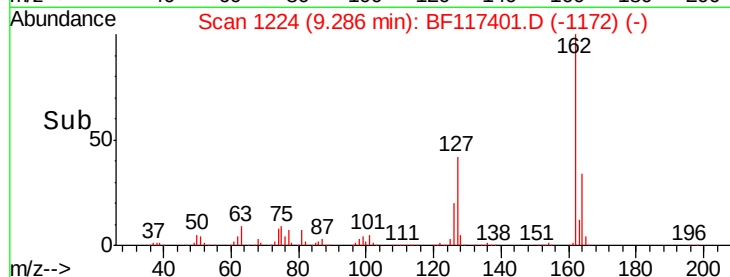
164 33.9 26.2 39.4



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: 97.196 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

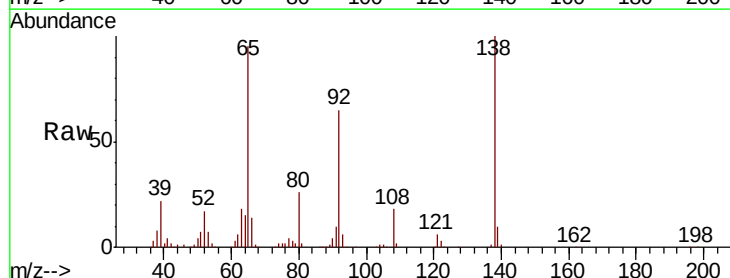
Tgt Ion: 65 Resp: 220817

Ion Ratio Lower Upper

65 100

92 68.9 55.4 83.0

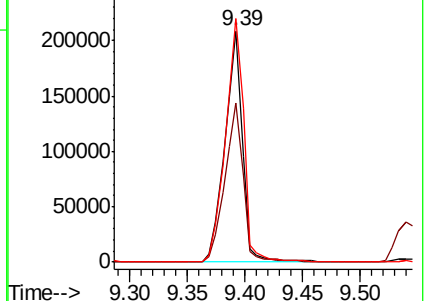
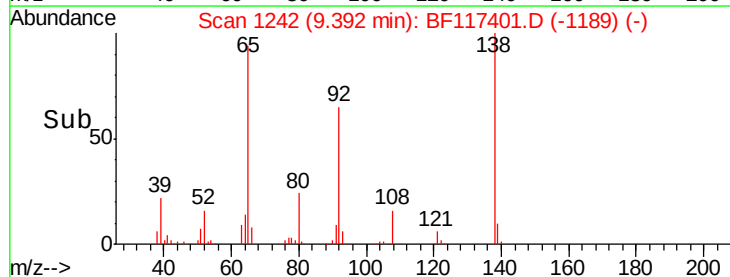
138 105.3 82.6 124.0

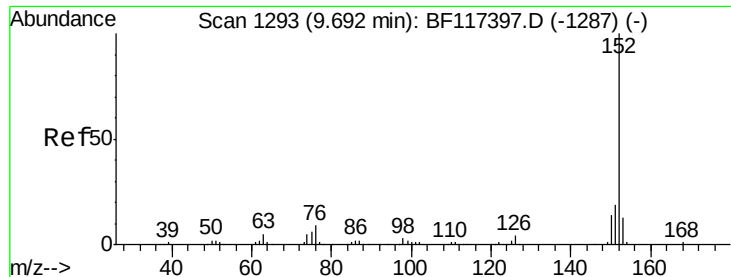


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 93.280 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

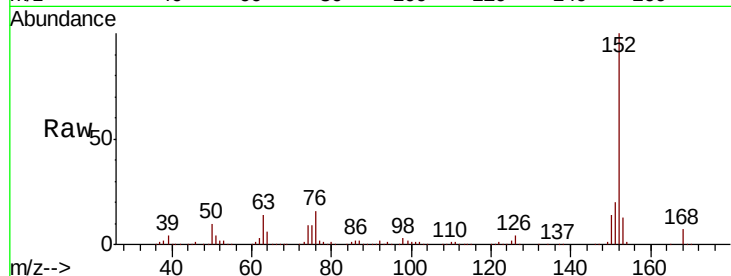
Tot Ion:152 Resp: 989763

Ion Ratio Lower Upper

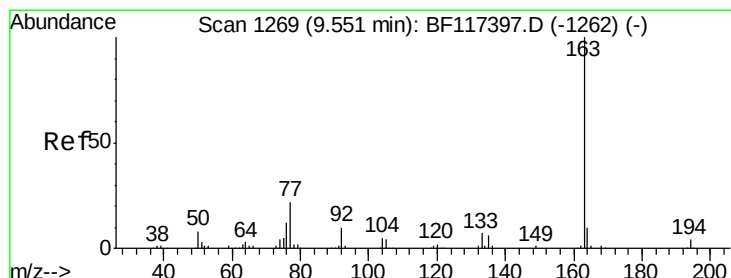
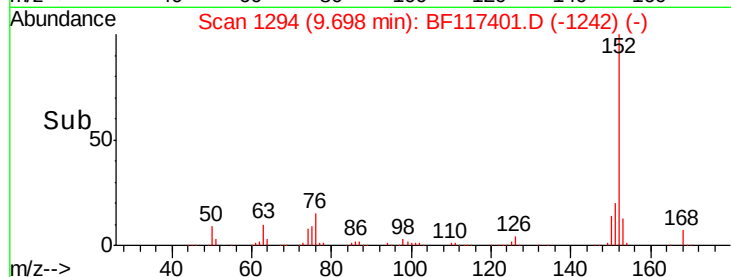
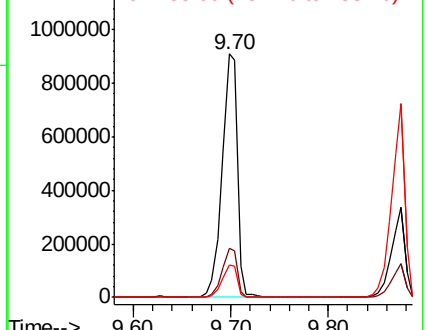
152 100

151 20.1 15.5 23.3

153 13.1 10.6 16.0



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: 95.771 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

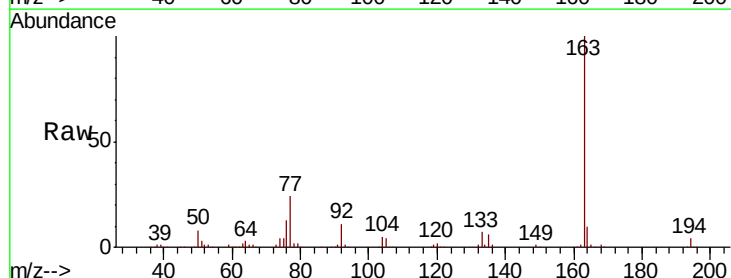
Tgt Ion:163 Resp: 775859

Ion Ratio Lower Upper

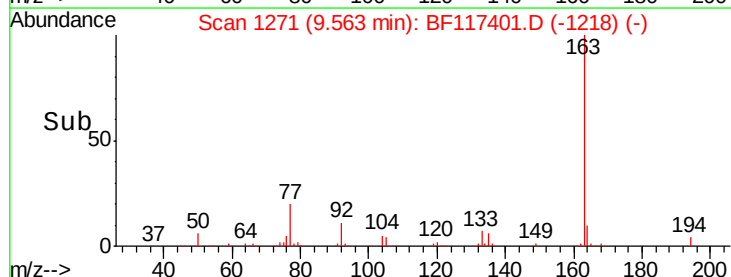
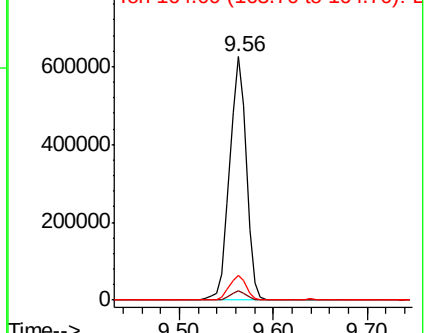
163 100

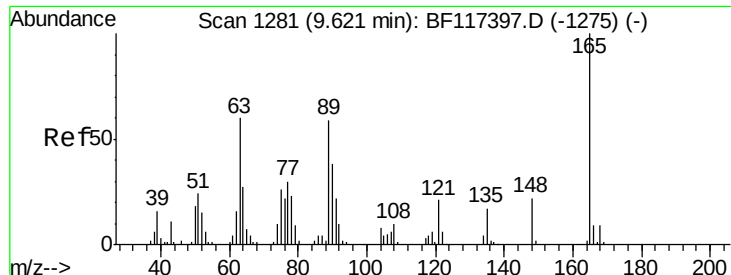
194 3.9 3.1 4.7

164 10.1 8.0 12.0



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

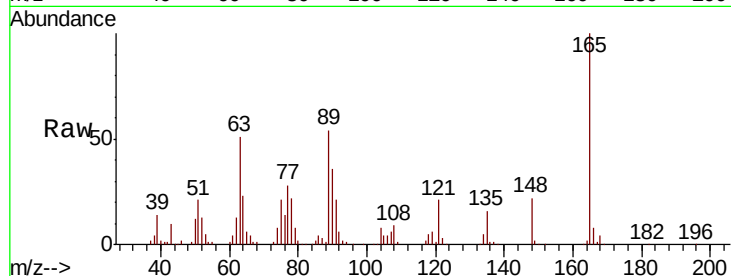




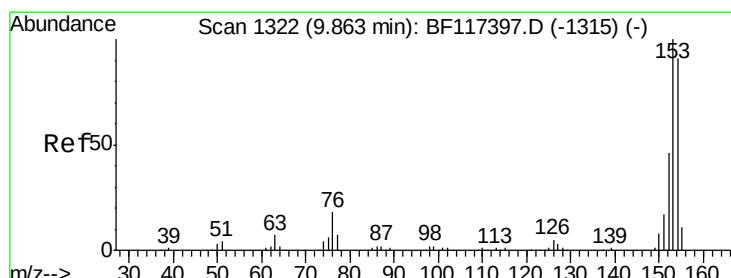
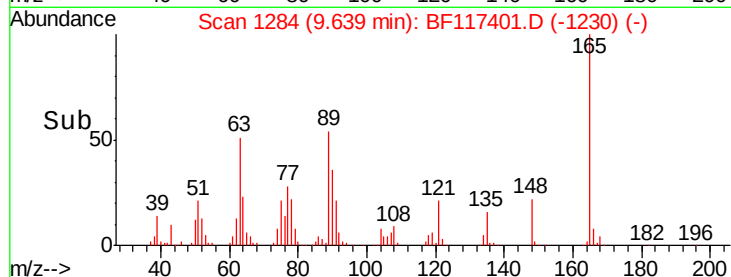
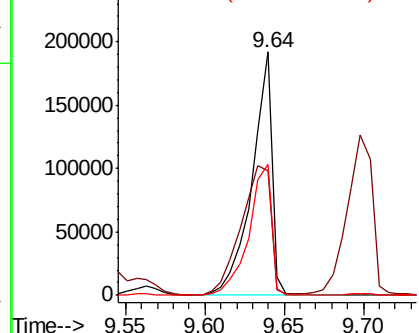
#51  
2,6-Dinitrotoluene  
Concen: 101.431 ng  
RT: 9.64 min Scan# 1284  
Delta R.T. 0.02 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:165 Resp: 167355  
Ion Ratio Lower Upper  
165 100  
63 51.0 47.8 71.6  
89 53.8 47.4 71.0

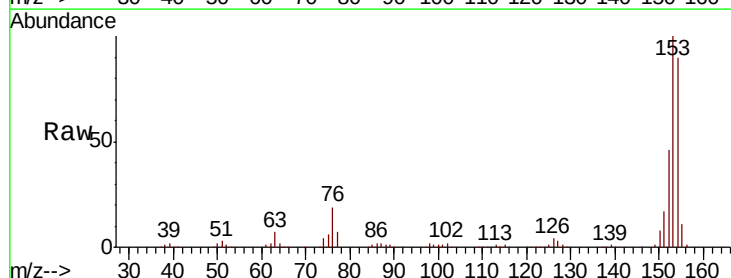


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

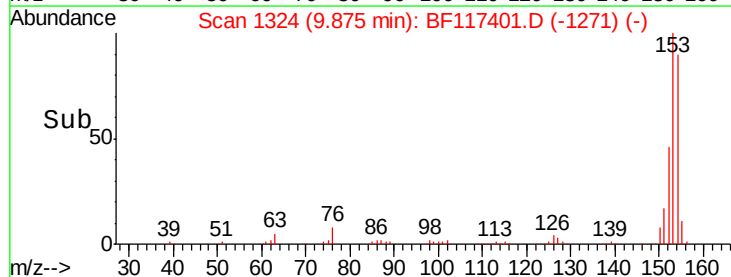
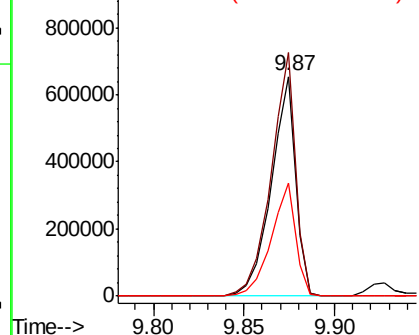


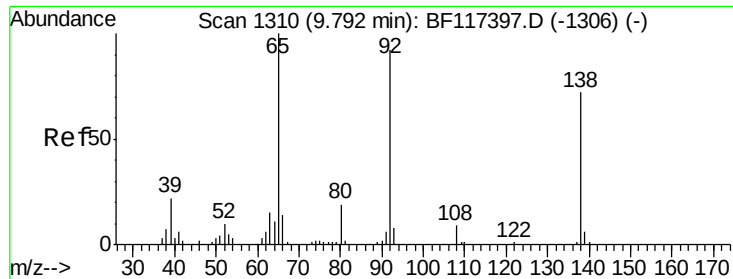
#52  
Acenaphthene  
Concen: 97.220 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Tgt Ion:154 Resp: 611502  
Ion Ratio Lower Upper  
154 100  
153 111.0 87.9 131.9  
152 51.5 40.8 61.2



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

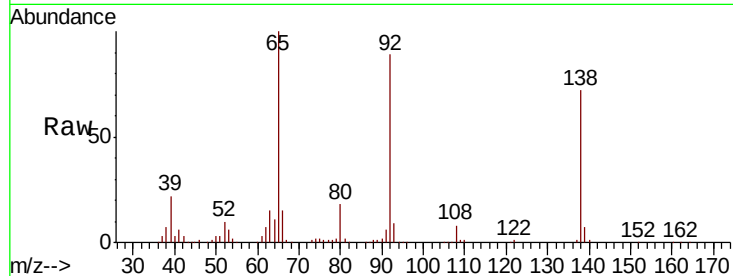




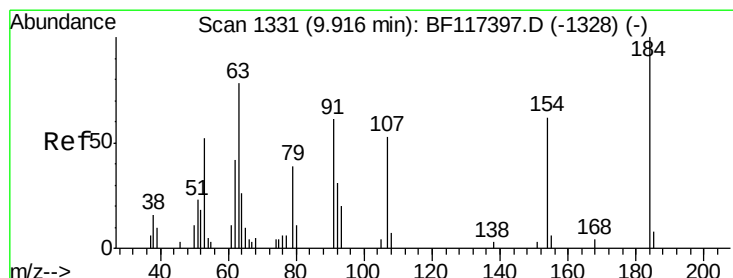
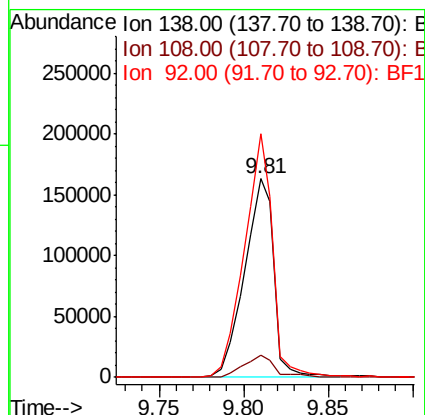
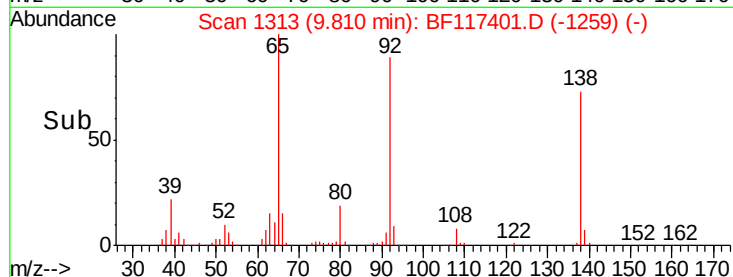
#53  
3-Nitroaniline  
Concen: 95.226 ng  
RT: 9.81 min Scan# 1313  
Delta R.T. 0.02 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 198235  
Ion Ratio Lower Upper  
138 100  
108 11.0 9.5 14.3  
92 122.7 102.2 153.4

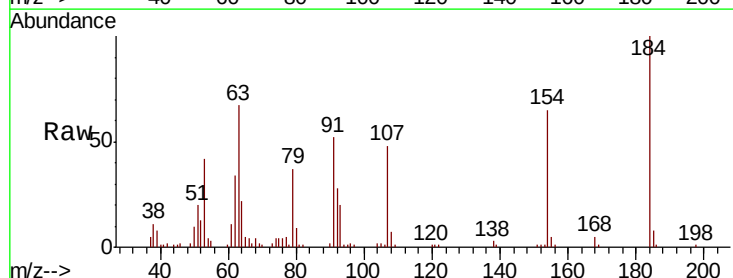


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

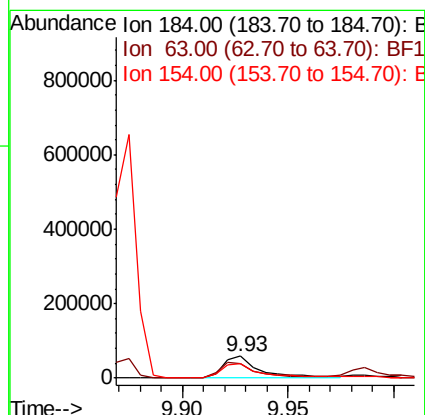
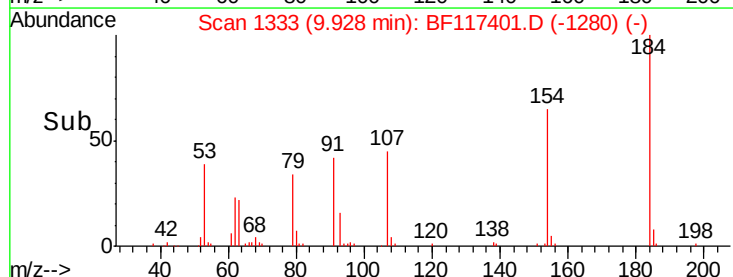


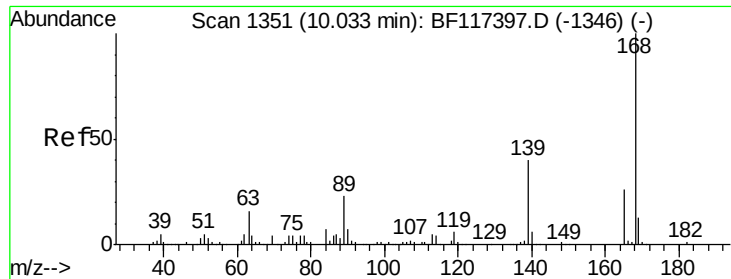
#54  
2,4-Dinitrophenol  
Concen: 126.735 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Tgt Ion:184 Resp: 74017  
Ion Ratio Lower Upper  
184 100  
63 67.5 62.4 93.6  
154 65.1 53.5 80.3



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

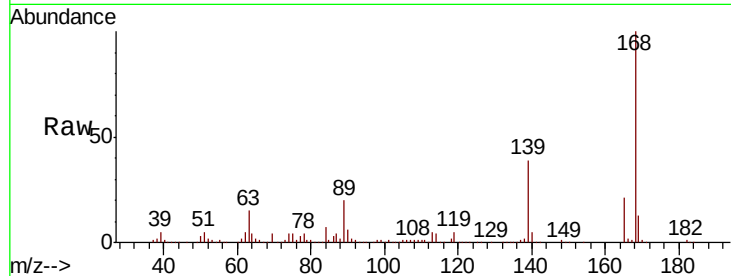




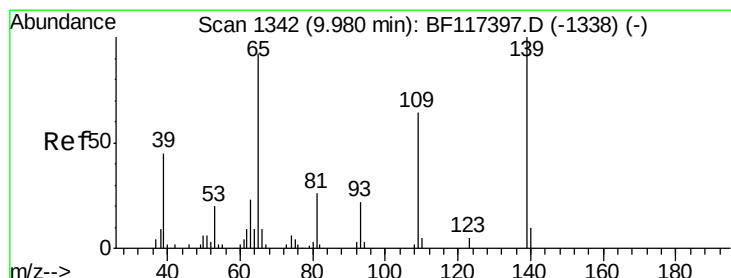
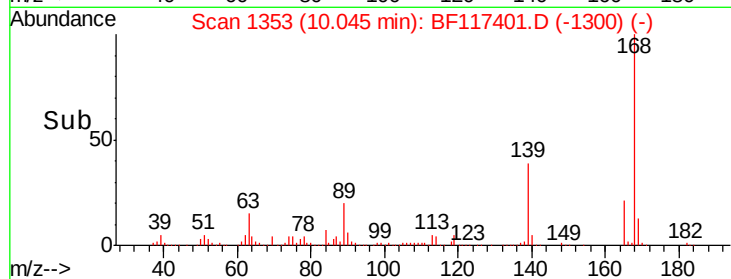
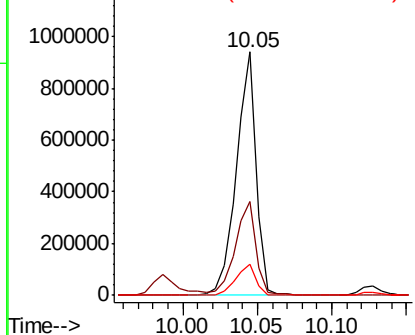
#55  
Dibenzofuran  
Concen: 94.358 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 875663  
Ion Ratio Lower Upper  
168 100  
139 38.7 33.3 49.9  
169 13.0 10.7 16.1

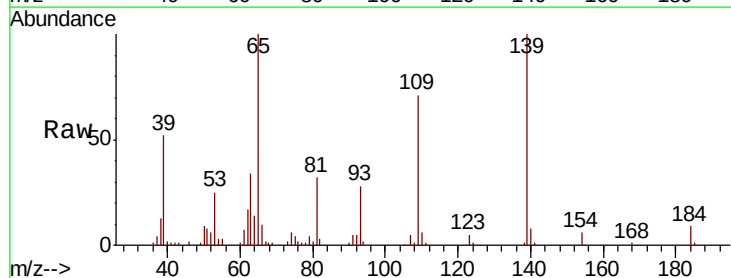


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

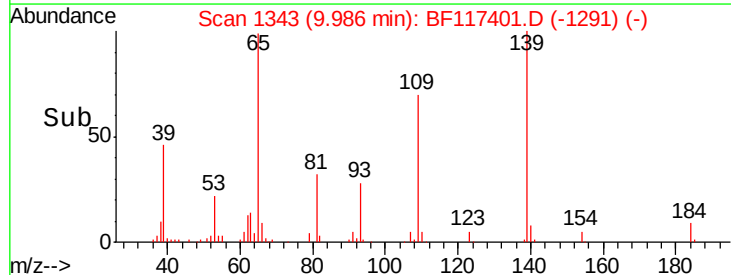
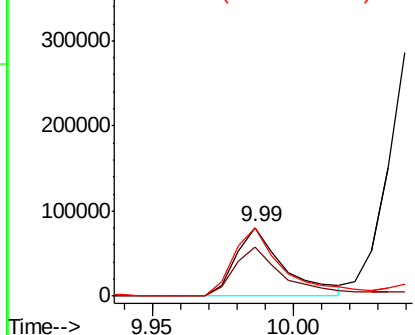


#56  
4-Nitrophenol  
Concen: 71.123 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

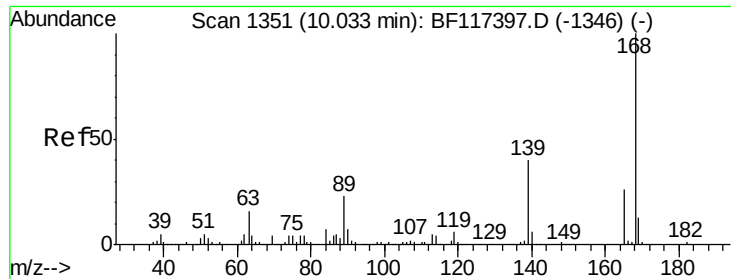
Tgt Ion:139 Resp: 95959  
Ion Ratio Lower Upper  
139 100  
109 70.9 43.8 83.8  
65 99.9 73.9 113.9



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



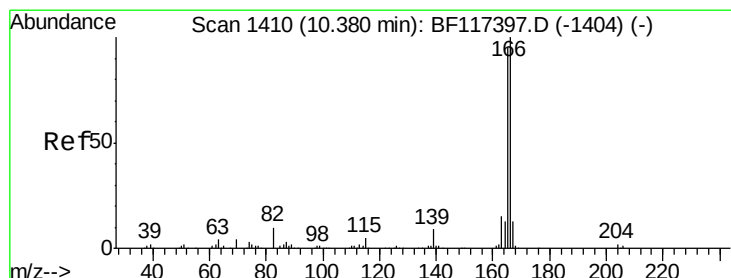
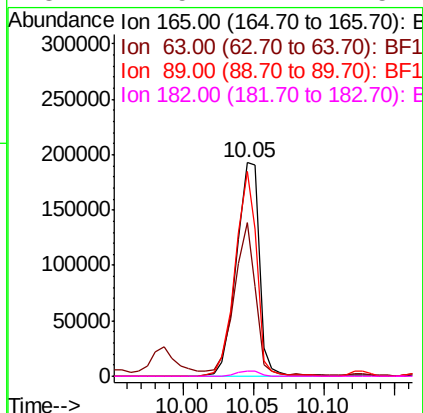
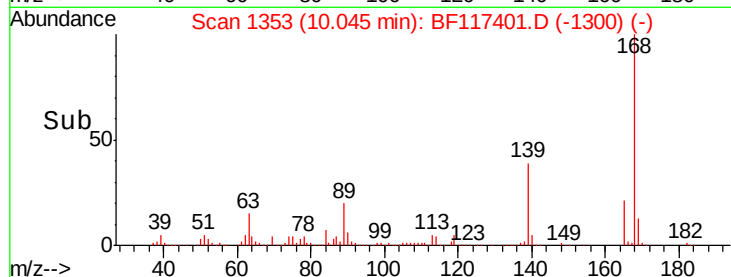
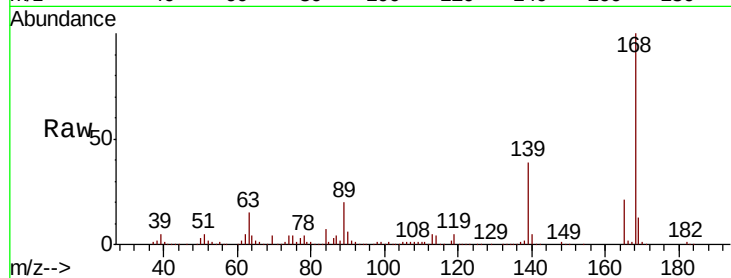




#57  
2,4-Dinitrotoluene  
Concen: 102.031 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

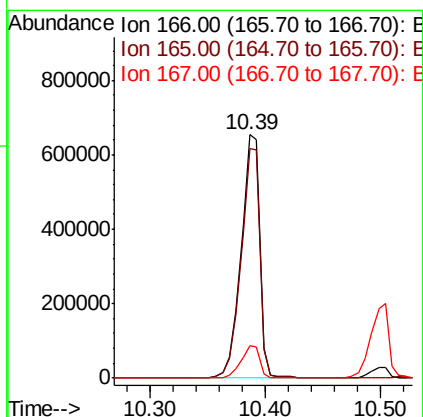
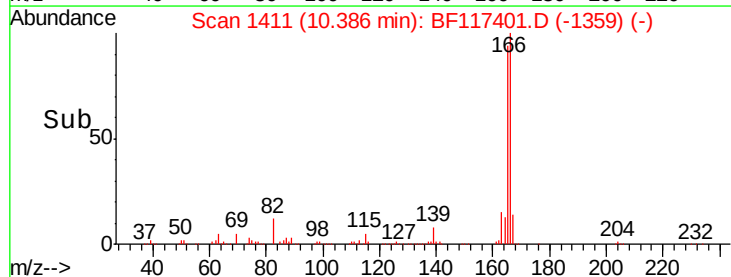
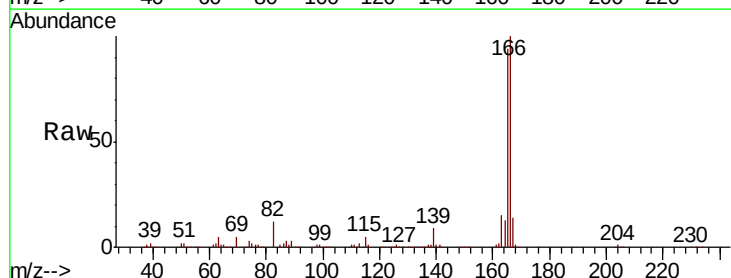
Instrument :  
BNA\_F  
ClientSampleId :

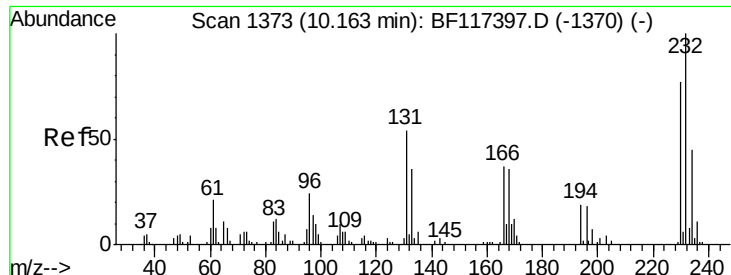
Tot Ion:165 Resp: 218521  
Ion Ratio Lower Upper  
165 100  
63 71.9 51.0 76.4  
89 95.6 70.7 106.1  
182 2.5 2.1 3.1



#58  
Fluorene  
Concen: 97.804 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Tgt Ion:166 Resp: 731136  
Ion Ratio Lower Upper  
166 100  
165 94.3 75.7 113.5  
167 13.5 10.4 15.6

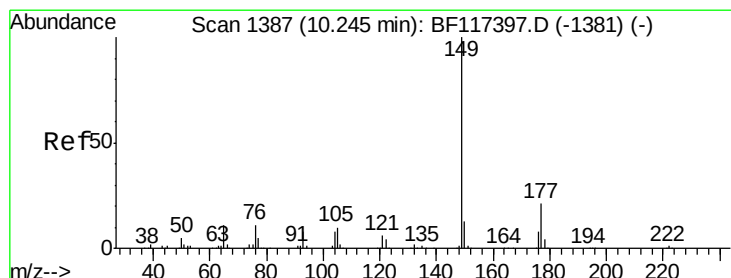
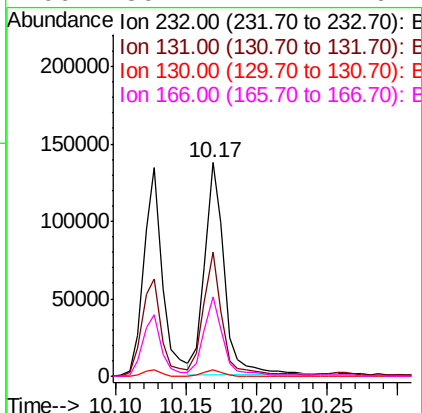
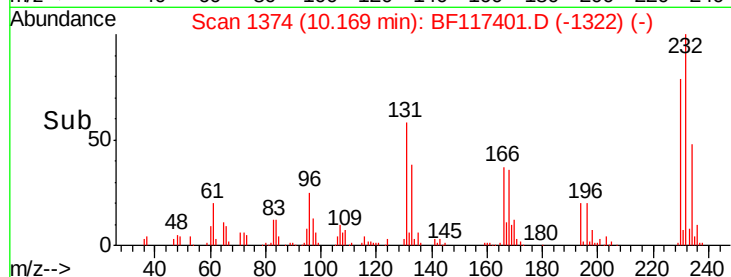
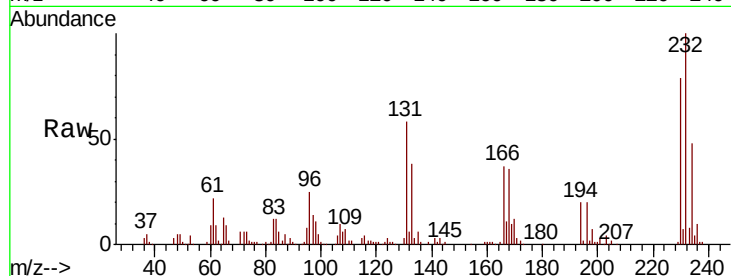




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 82.064 ng  
RT: 10.17 min Scan# 1374  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

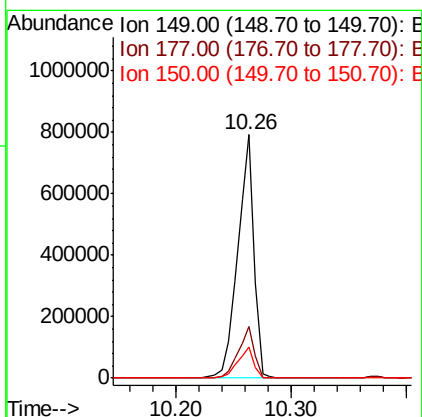
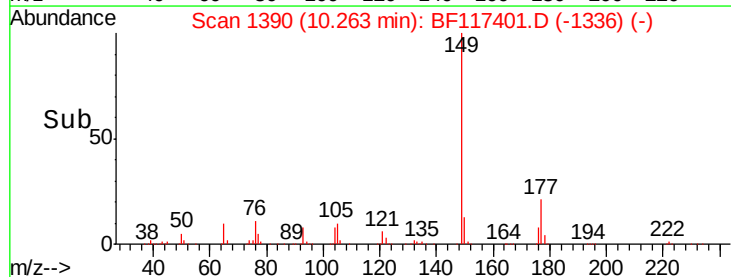
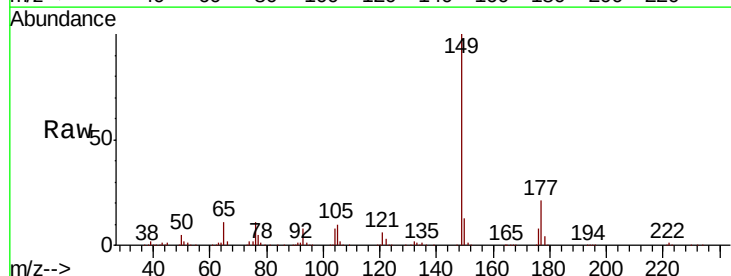
Instrument :  
BNA\_F  
ClientSampleId :

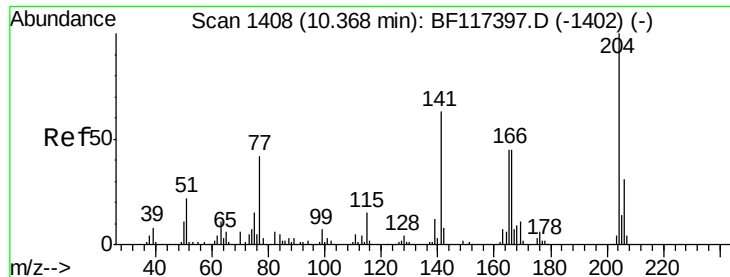
Tot Ion:232 Resp: 134527  
Ion Ratio Lower Upper  
232 100  
131 56.0 44.5 66.7  
130 2.8 2.0 3.0  
166 36.4 27.1 40.7



#60  
Diethylphthalate  
Concen: 96.894 ng  
RT: 10.26 min Scan# 1390  
Delta R.T. 0.02 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Tgt Ion:149 Resp: 772258  
Ion Ratio Lower Upper  
149 100  
177 21.0 16.5 24.7  
150 12.5 10.1 15.1

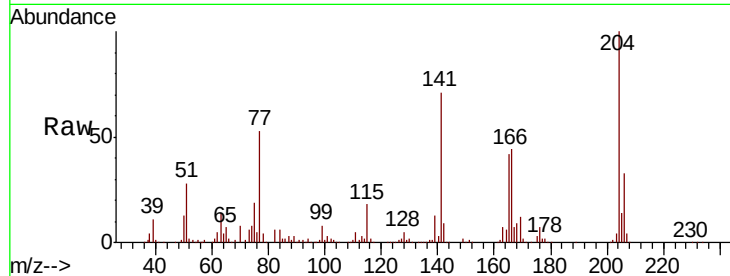




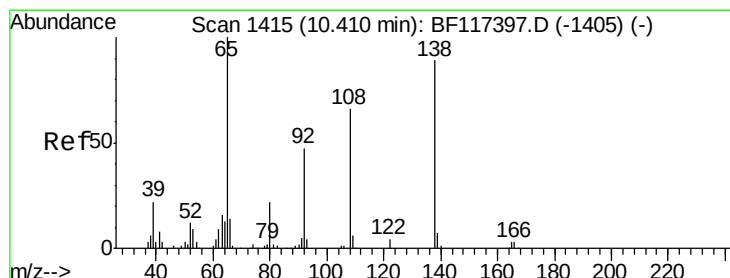
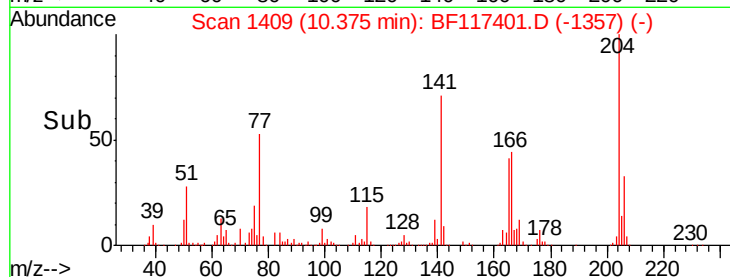
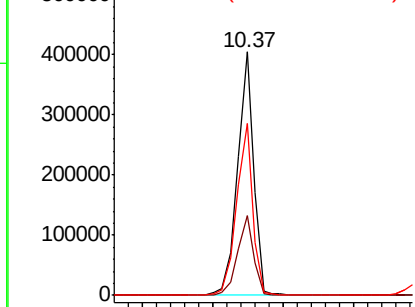
#61  
4-Chlorophenyl-phenylether  
Concen: 99.361 ng  
RT: 10.37 min Scan# 1409  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:204 Resp: 321373  
Ion Ratio Lower Upper  
204 100  
206 32.9 25.0 37.4  
141 70.8 50.7 76.1

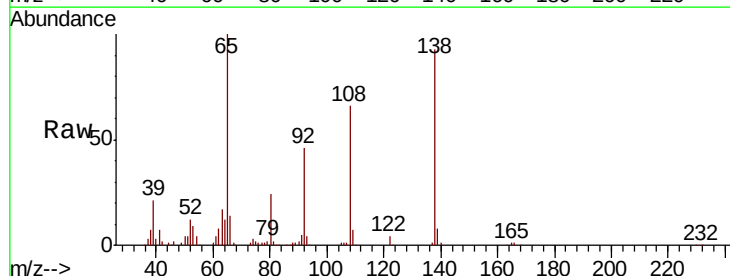


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

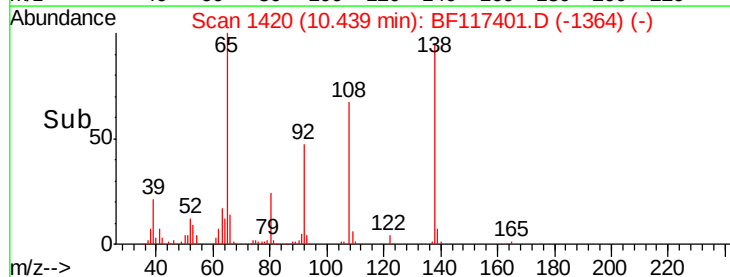
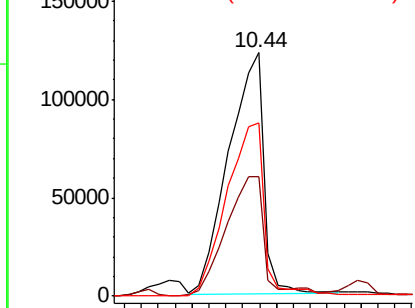


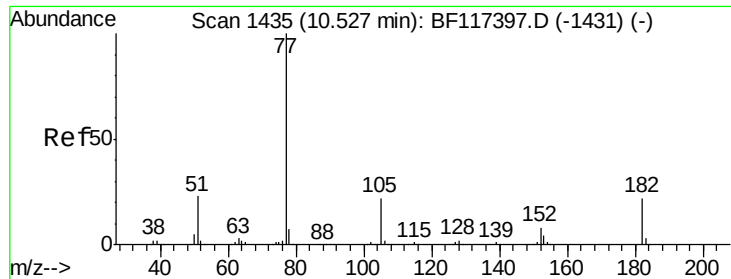
#62  
4-Nitroaniline  
Concen: 82.666 ng  
RT: 10.44 min Scan# 1420  
Delta R.T. 0.03 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Tgt Ion:138 Resp: 178964  
Ion Ratio Lower Upper  
138 100  
92 49.3 32.4 72.4  
108 71.0 53.8 93.8



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: 97.600 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 794481

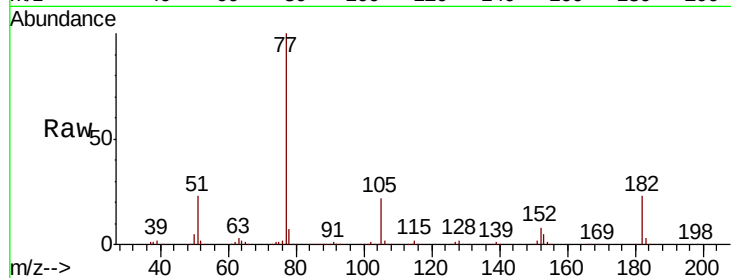
Ion Ratio Lower Upper

77 100

182 23.2 1.5 41.5

105 22.5 1.8 41.8

51 23.5 3.3 43.3

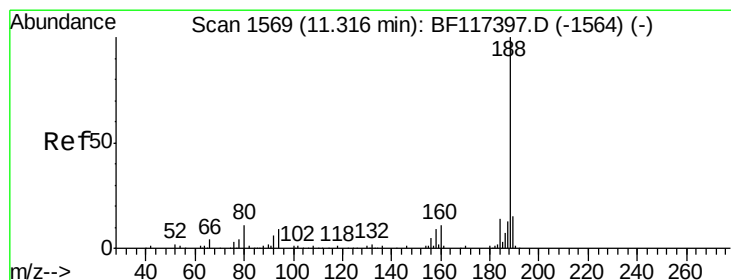
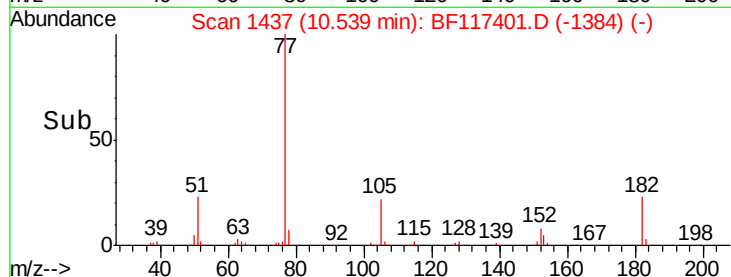
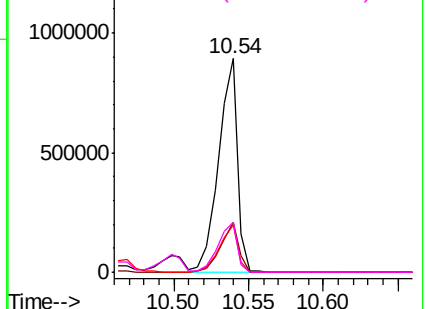


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

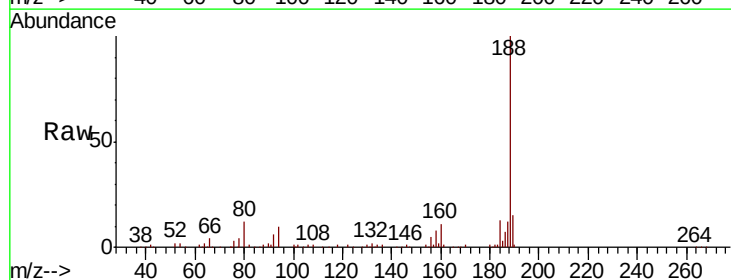
Tgt Ion: 188 Resp: 176935

Ion Ratio Lower Upper

188 100

94 10.3 7.5 11.3

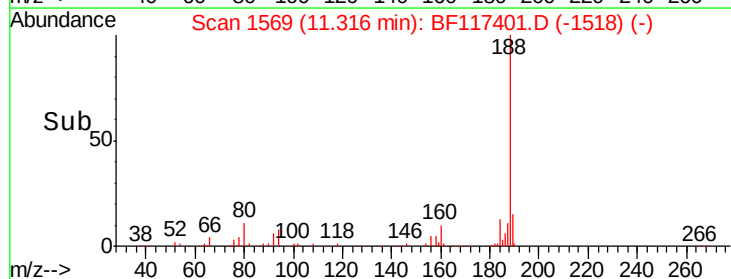
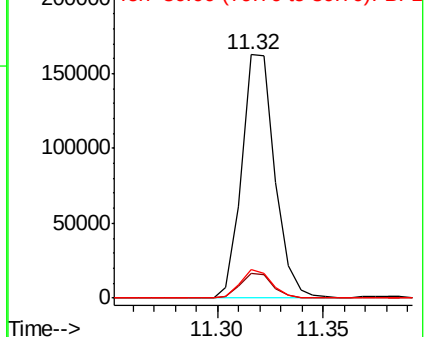
80 11.9 8.7 13.1

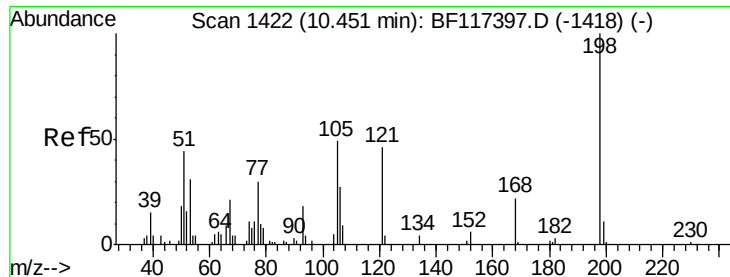


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

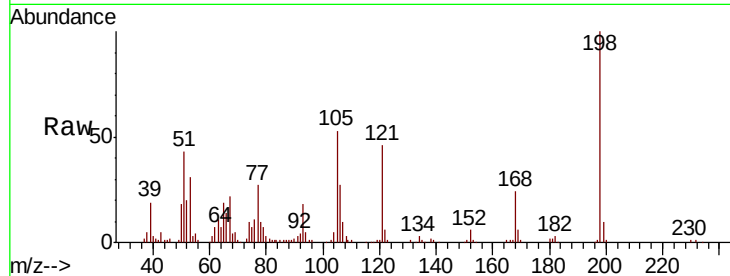




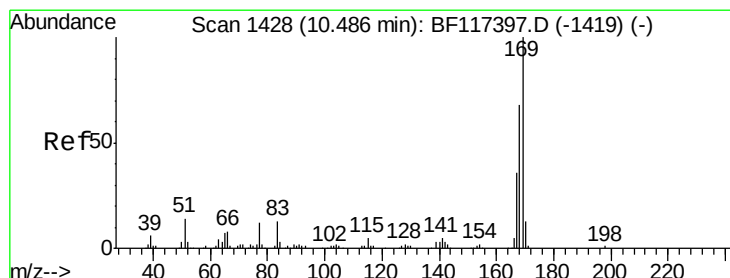
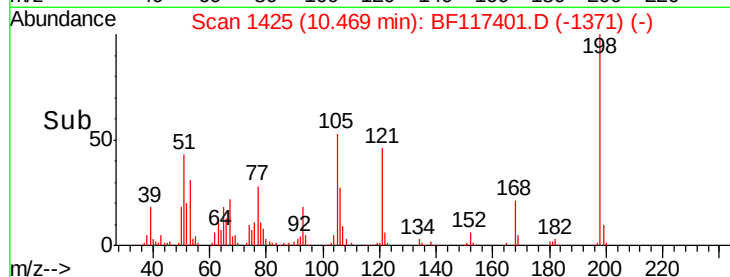
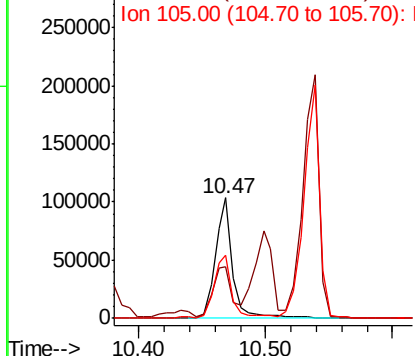
#65  
4,6-Dinitro-2-methylphenol  
Concen: 133.866 ng  
RT: 10.47 min Scan# 1425  
Delta R.T. 0.02 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:198 Resp: 99409  
Ion Ratio Lower Upper  
198 100  
51 42.5 25.9 65.9  
105 52.7 29.4 69.4

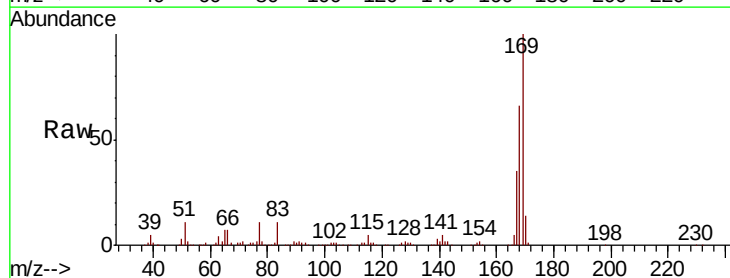


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

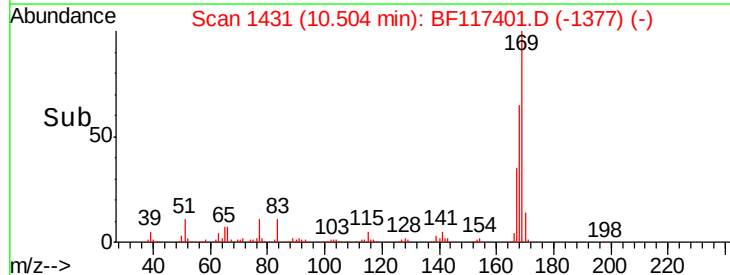
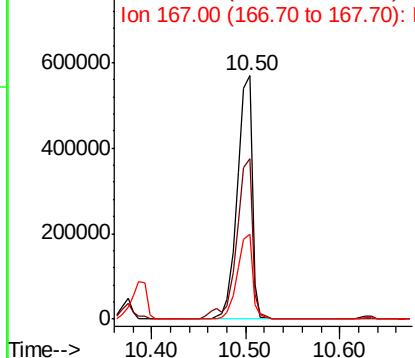


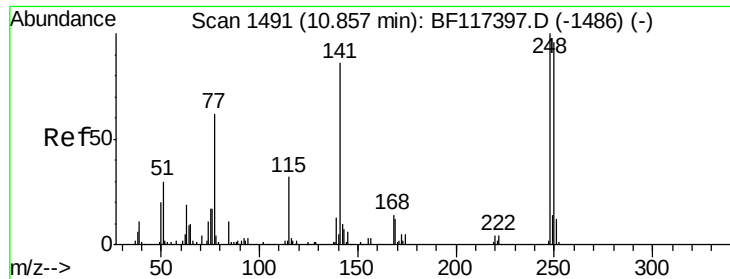
#66  
n-Nitrosodiphenylamine  
Concen: 102.853 ng  
RT: 10.50 min Scan# 1431  
Delta R.T. 0.02 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Tgt Ion:169 Resp: 628493  
Ion Ratio Lower Upper  
169 100  
168 65.9 54.1 81.1  
167 35.0 28.8 43.2



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

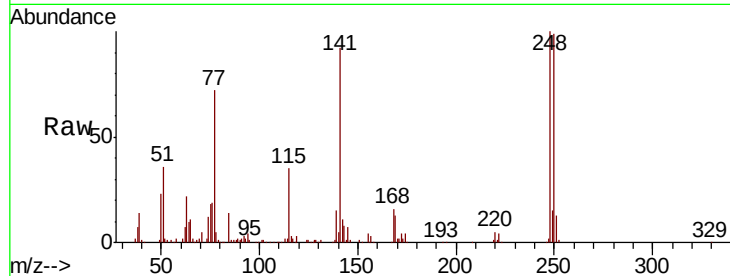




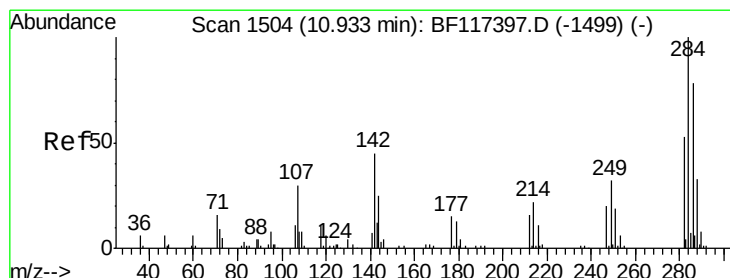
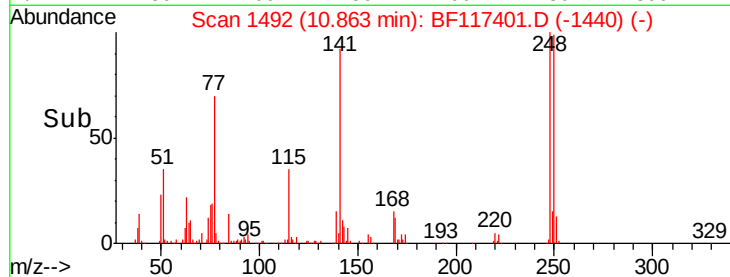
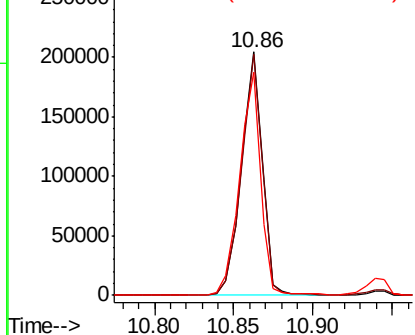
#67  
4-Bromophenyl-phenylether  
Concen: 103.734 ng  
RT: 10.86 min Scan# 1492  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:248 Resp: 187440  
Ion Ratio Lower Upper  
248 100  
250 99.0 77.1 115.7  
141 91.5 69.1 103.7

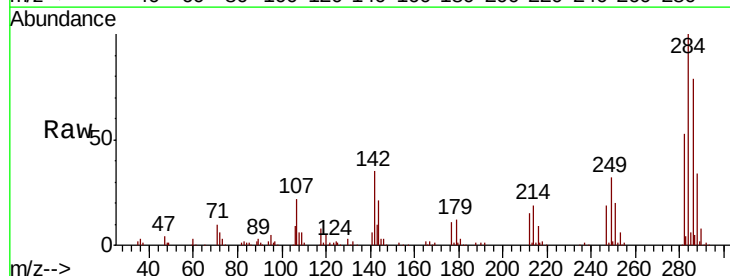


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

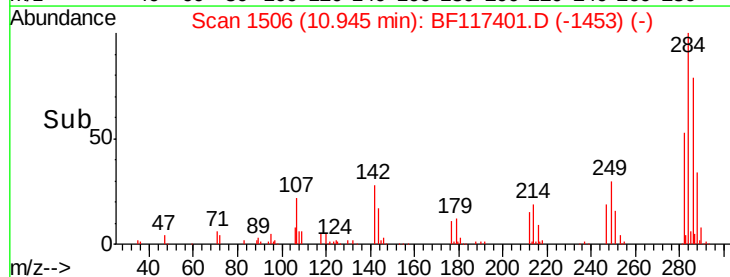
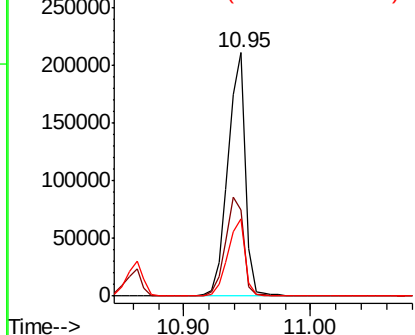


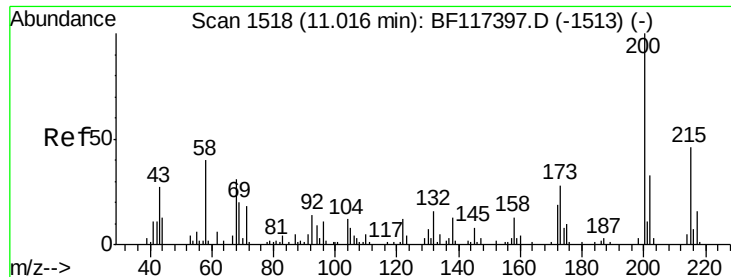
#68  
Hexachlorobenzene  
Concen: 101.524 ng  
RT: 10.95 min Scan# 1506  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Tgt Ion:284 Resp: 200646  
Ion Ratio Lower Upper  
284 100  
142 35.2 35.7 53.5#  
249 31.5 25.8 38.6



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

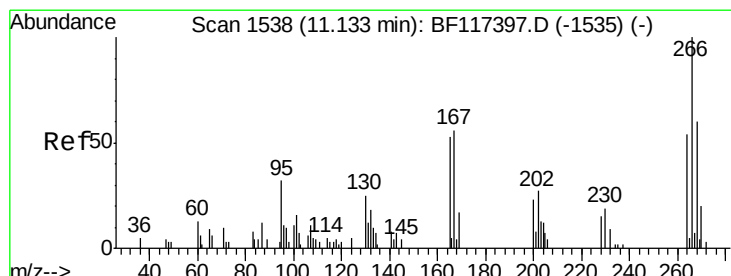
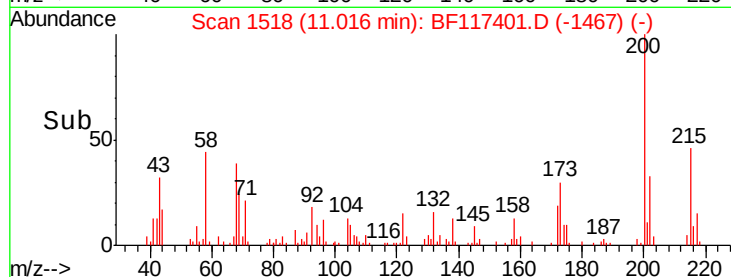
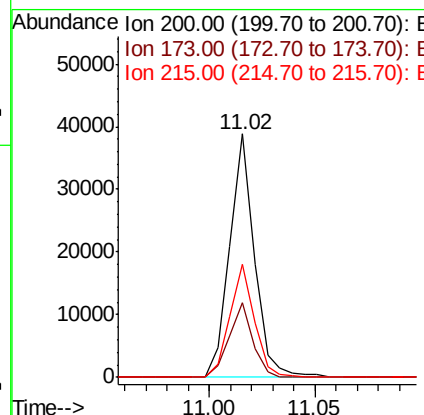
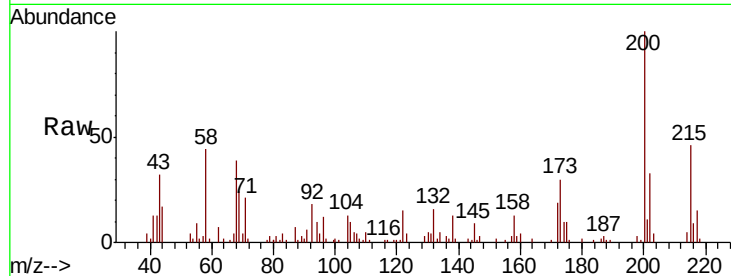




#69  
Atrazine  
Concen: 20.907 ng  
RT: 11.02 min Scan# 1518  
Delta R.T. 0.00 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

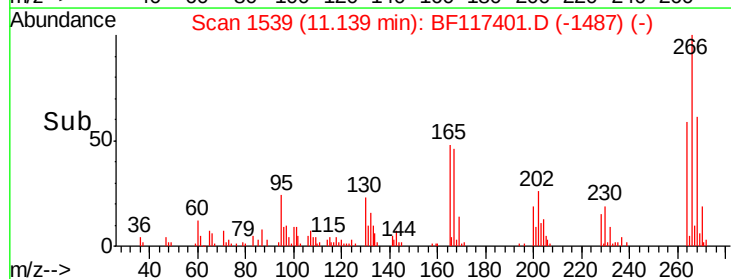
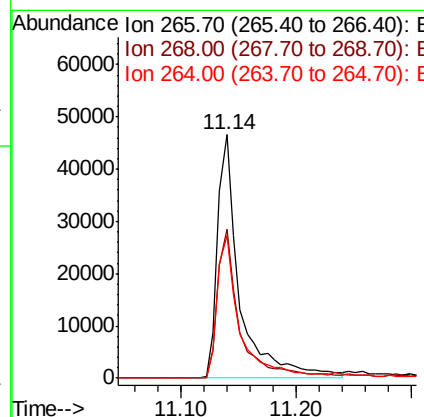
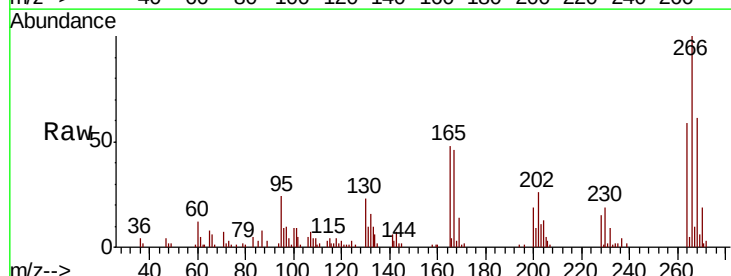
Instrument :  
BNA\_F  
ClientSampled :

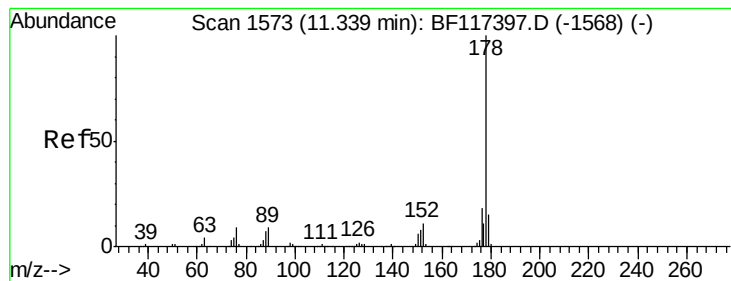
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 30.4  | 8.0   | 48.0  |
| 215     | 46.3  | 25.8  | 65.8  |



#70  
Pentachlorophenol  
Concen: 67.526 ng  
RT: 11.14 min Scan# 1539  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.3  | 47.8  | 71.6  |
| 264     | 58.6  | 42.9  | 64.3  |





#71

Phenanthrene

Concen: 96.920 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

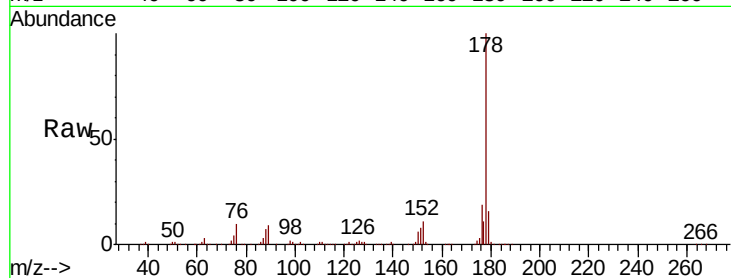
Tot Ion:178 Resp: 974033

Ion Ratio Lower Upper

178 100

176 18.9 14.6 22.0

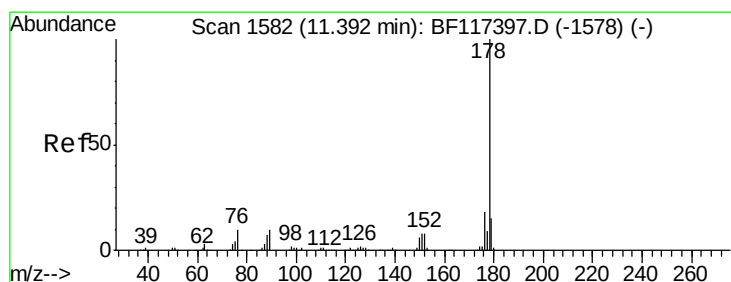
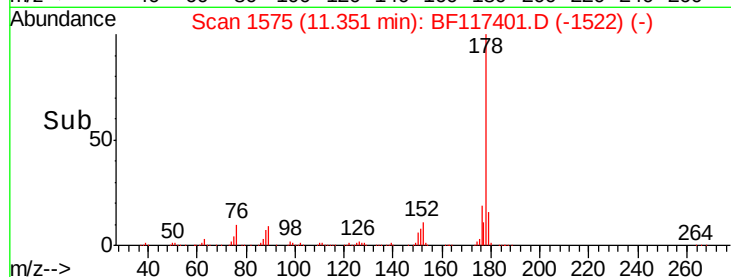
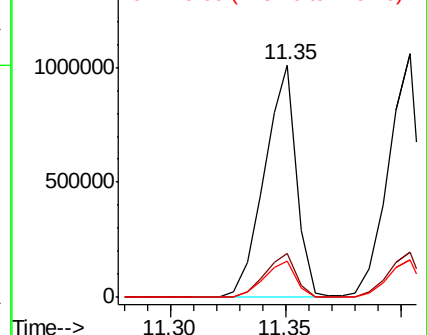
179 15.6 12.3 18.5



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: 96.946 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

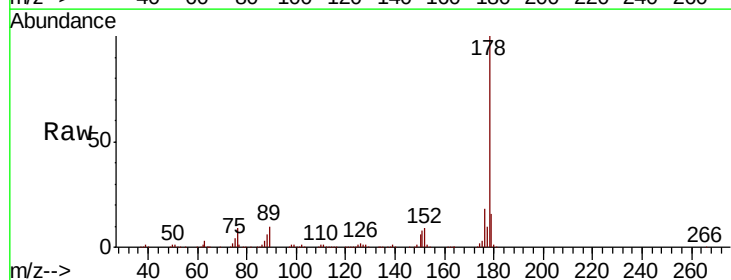
Tgt Ion:178 Resp: 994674

Ion Ratio Lower Upper

178 100

176 18.4 14.4 21.6

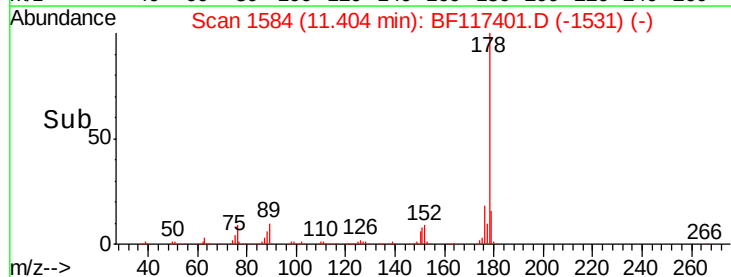
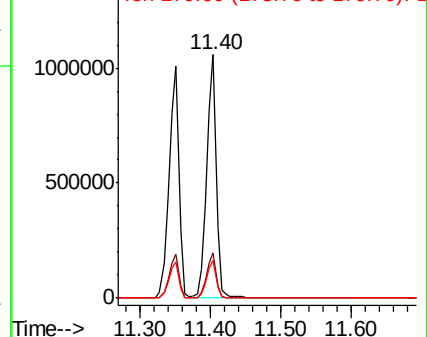
179 15.7 12.1 18.1



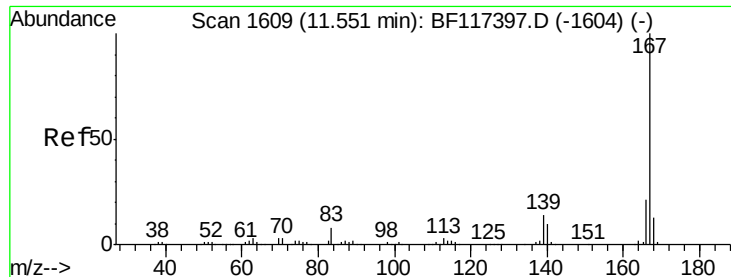
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



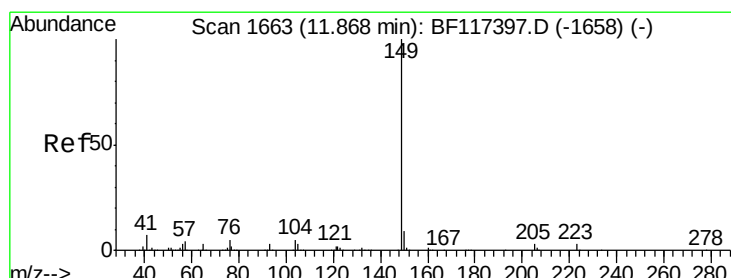
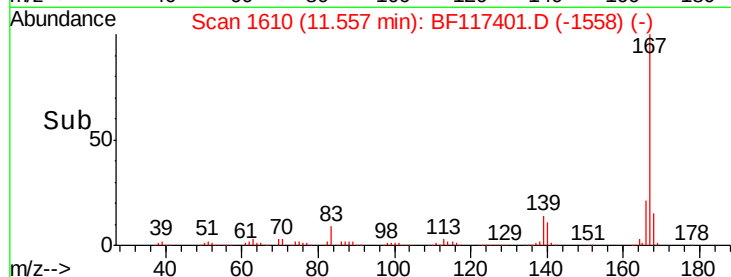
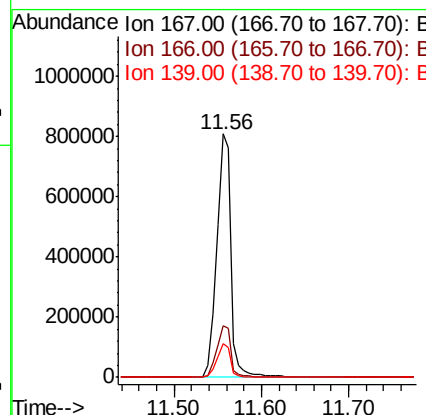
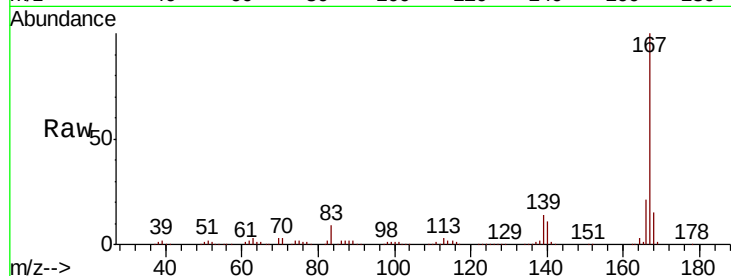




#73  
 Carbazole  
 Concen: 93.415 ng  
 RT: 11.56 min Scan# 1610  
 Delta R.T. 0.01 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

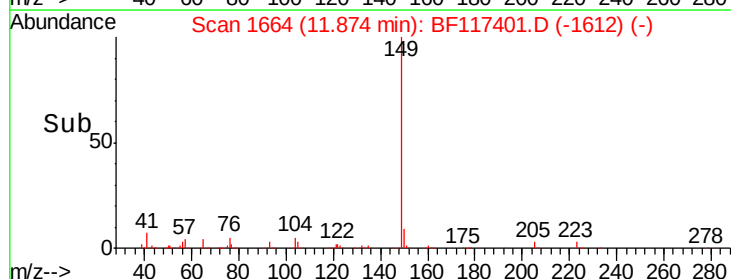
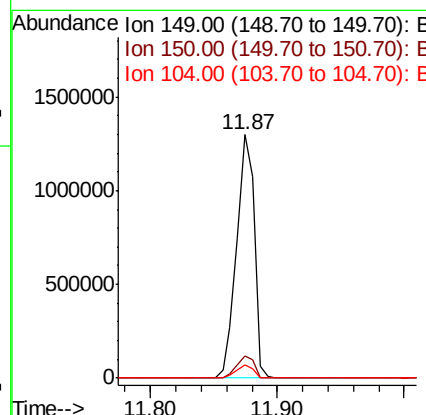
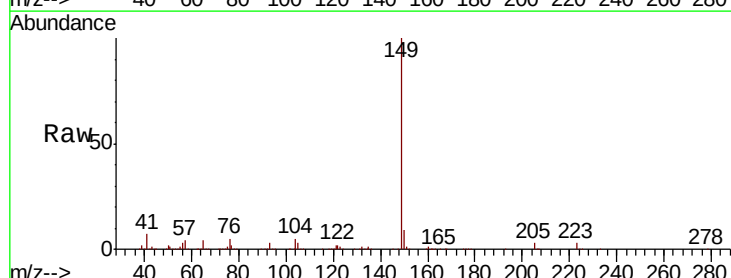
Instrument :  
 BNA\_F  
 ClientSampleId :

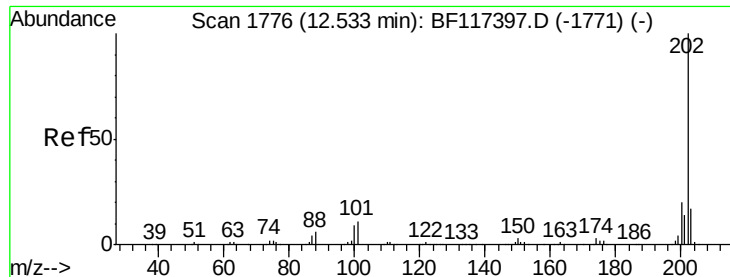
Tot Ion:167 Resp: 909762  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 17.0 25.4  
 139 13.8 10.8 16.2



#74  
 Di-n-butylphthalate  
 Concen: 107.624 ng  
 RT: 11.87 min Scan# 1664  
 Delta R.T. 0.01 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

Tgt Ion:149 Resp: 1247063  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.0 10.6  
 104 5.4 4.2 6.2

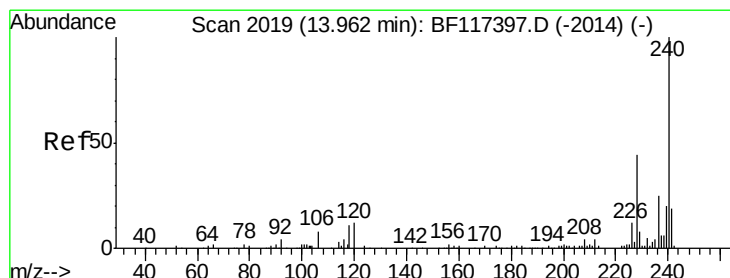
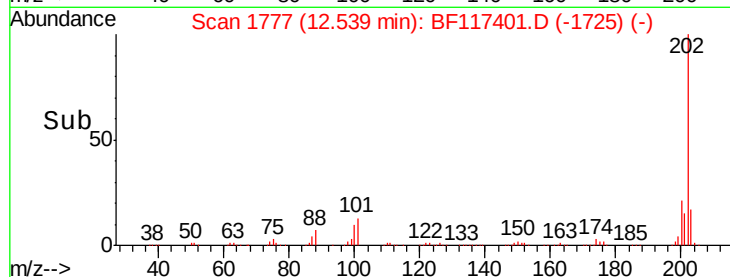
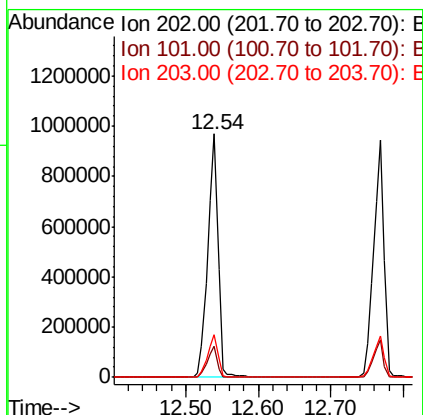
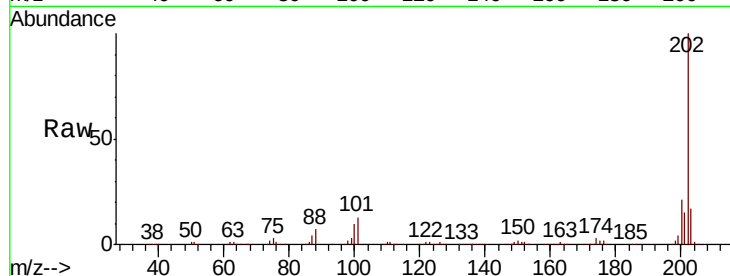




#75  
 Fluoranthene  
 Concen: 92.676 ng  
 RT: 12.54 min Scan# 1777  
 Delta R.T. 0.01 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

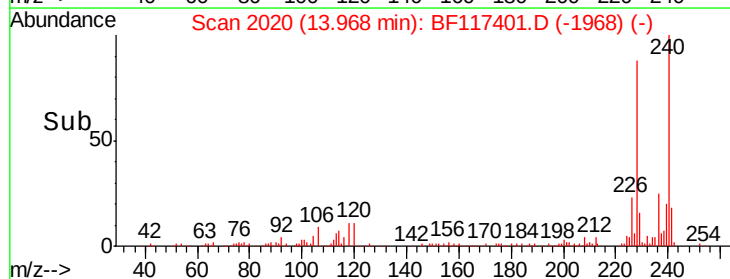
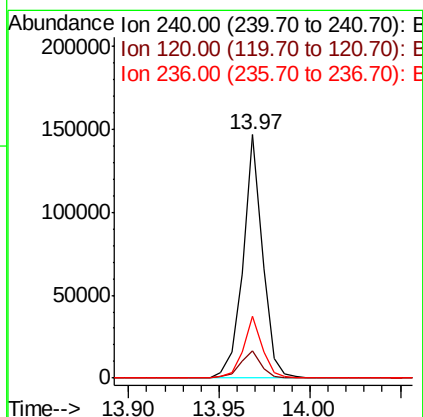
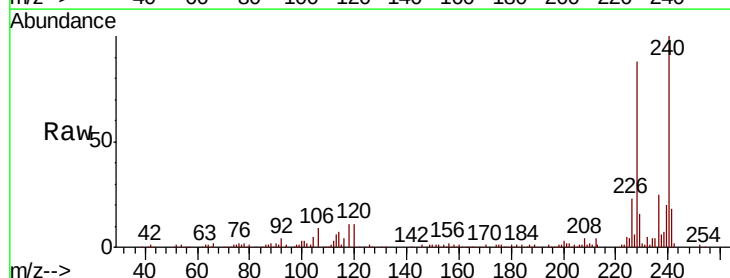
Instrument :  
 BNA\_F  
 ClientSampleId :

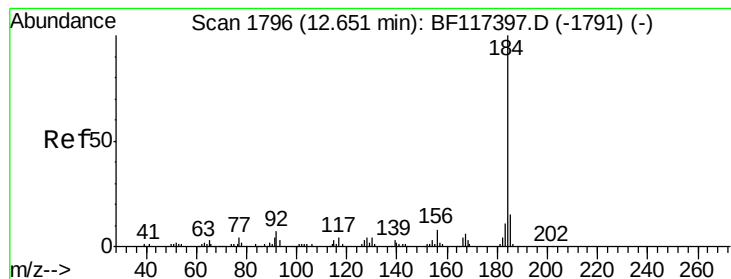
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.0  | 0.0   | 31.3  |
| 203     | 17.4  | 0.0   | 36.9  |



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.97 min Scan# 2020  
 Delta R.T. 0.01 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.1  | 9.4   | 14.0  |
| 236     | 25.2  | 19.8  | 29.6  |





#77

Benzidine

Concen: 5.278 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.26 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

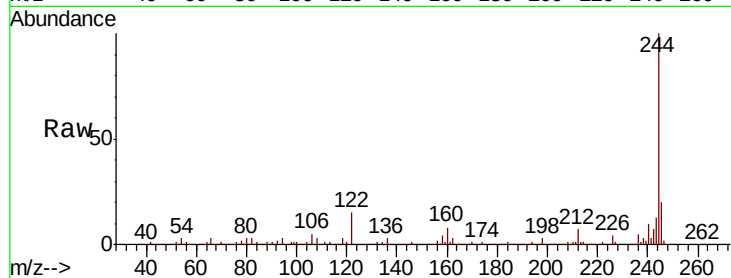
Tot Ion:184 Resp: 18647

Ion Ratio Lower Upper

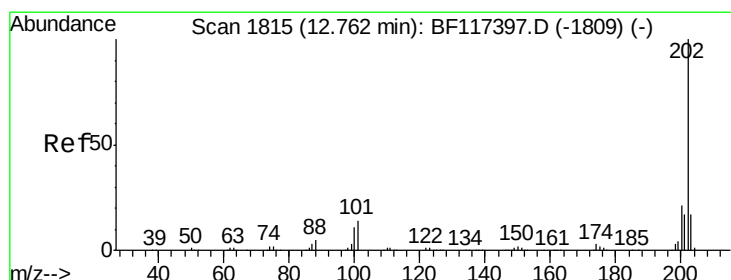
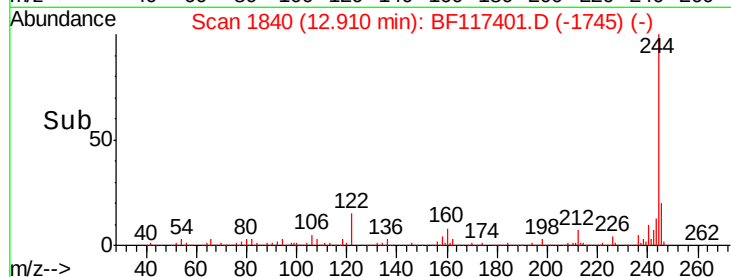
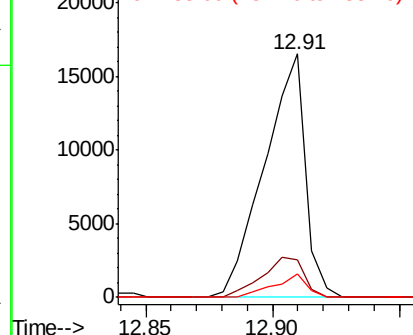
184 100

185 15.5 12.2 18.2

183 9.8 8.9 13.3



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: 103.885 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

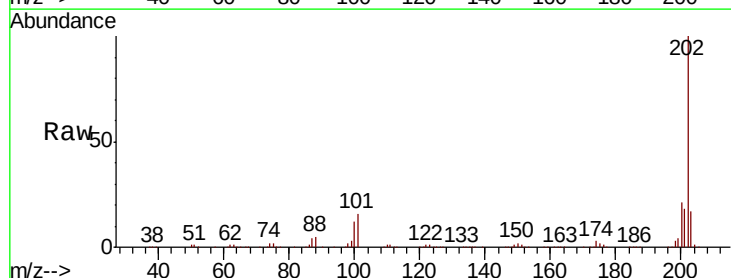
Tgt Ion:202 Resp: 955956

Ion Ratio Lower Upper

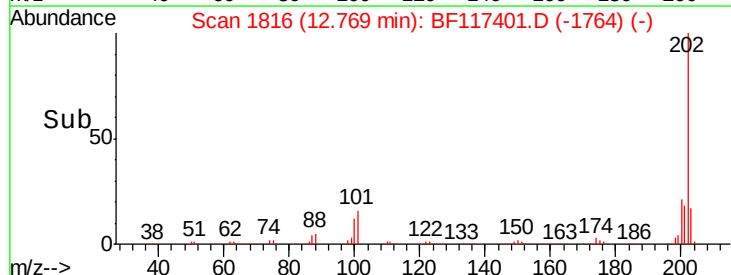
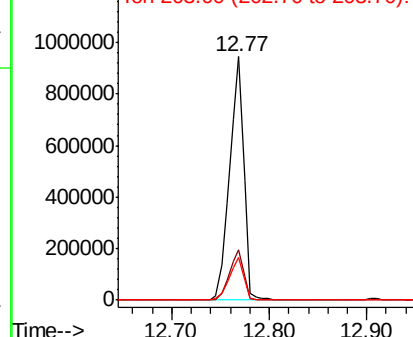
202 100

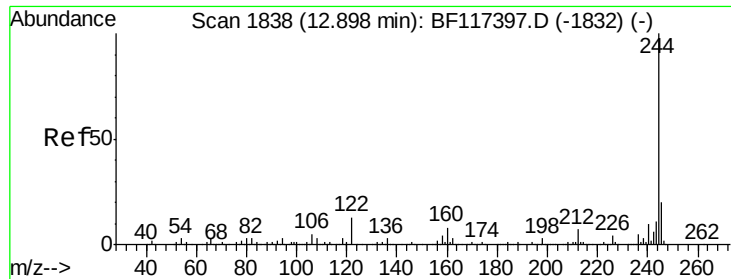
200 20.8 16.8 25.2

203 17.4 14.0 21.0



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

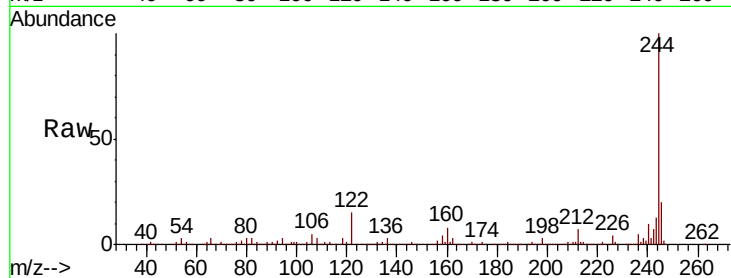




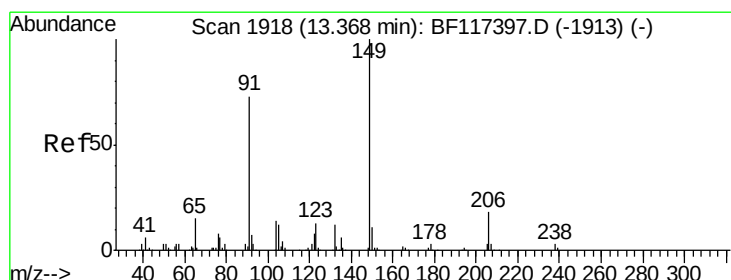
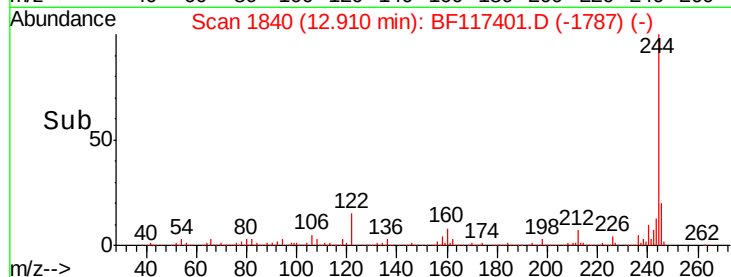
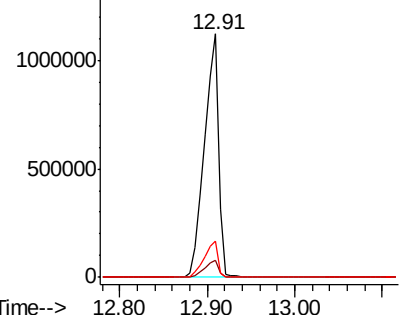
#79  
 Terphenyl-d14  
 Concen: 217.346 ng  
 RT: 12.91 min Scan# 1840  
 Delta R.T. 0.01 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:244 Resp: 1275188  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.7 8.5  
 122 14.8 10.7 16.1

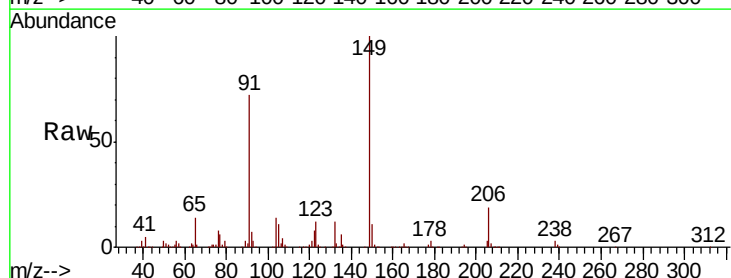


Abundance Ion 244.00 (243.70 to 244.70): E  
 1500000 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

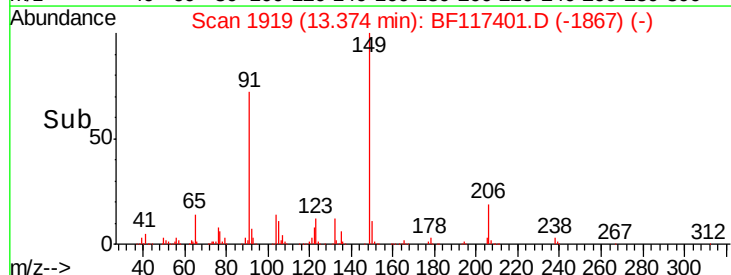
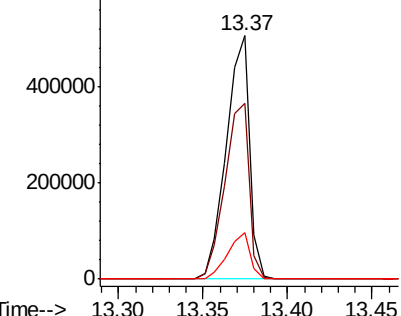


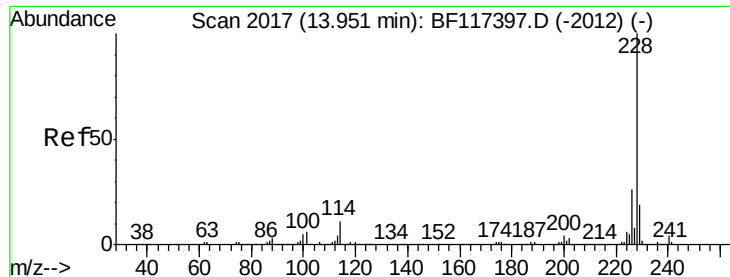
#80  
 Butylbenzylphthalate  
 Concen: 111.934 ng  
 RT: 13.37 min Scan# 1919  
 Delta R.T. 0.01 min  
 Lab File: BF117401.D  
 Acq: 14 Oct 2019 14:49

Tgt Ion:149 Resp: 486702  
 Ion Ratio Lower Upper  
 149 100  
 91 72.2 58.5 87.7  
 206 18.9 14.4 21.6



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: 99.190 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

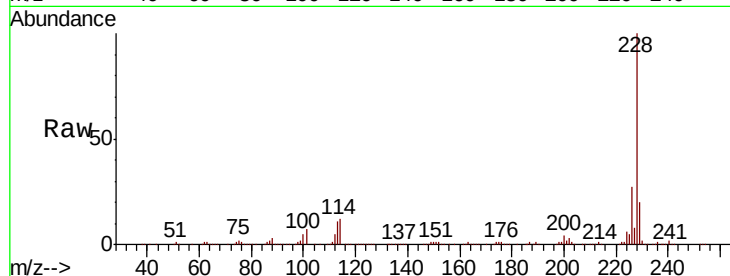
Tot Ion:228 Resp: 726775

Ion Ratio Lower Upper

228 100

226 26.6 20.9 31.3

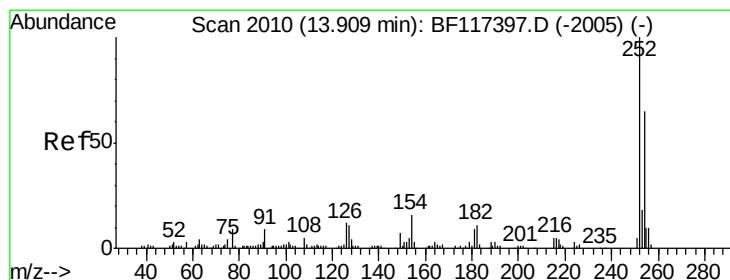
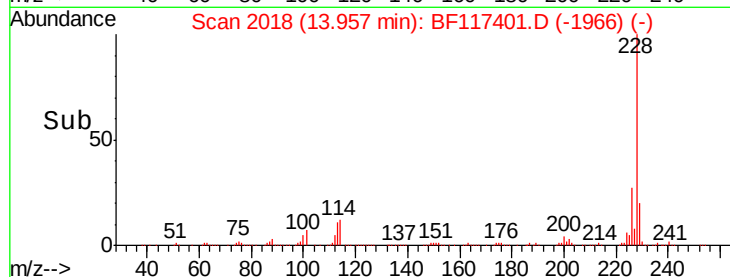
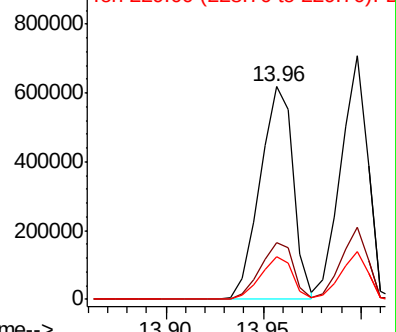
229 19.9 15.2 22.8



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: 73.087 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

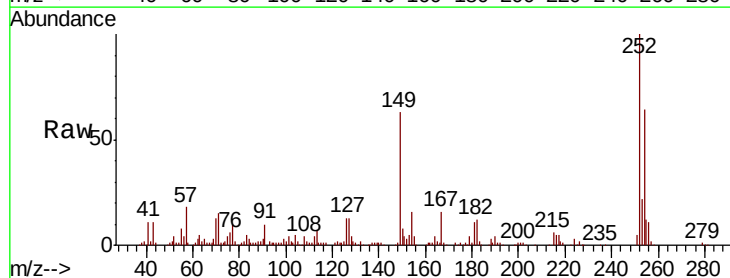
Tgt Ion:252 Resp: 172567

Ion Ratio Lower Upper

252 100

254 64.5 51.6 77.4

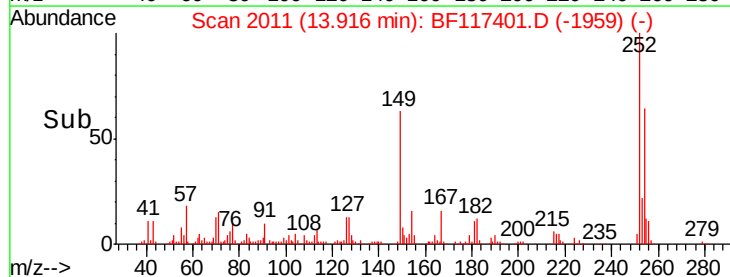
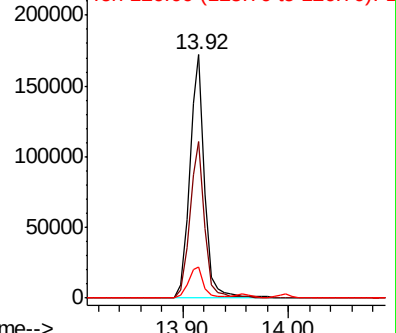
126 12.7 9.6 14.4

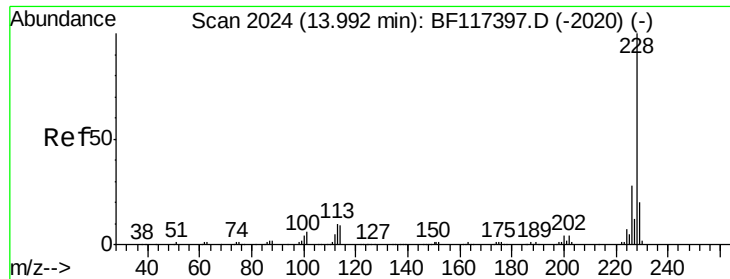


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 96.246 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

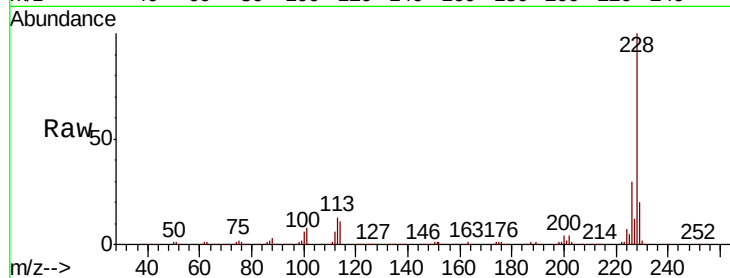
Tot Ion:228 Resp: 687803

Ion Ratio Lower Upper

228 100

226 29.7 22.8 34.2

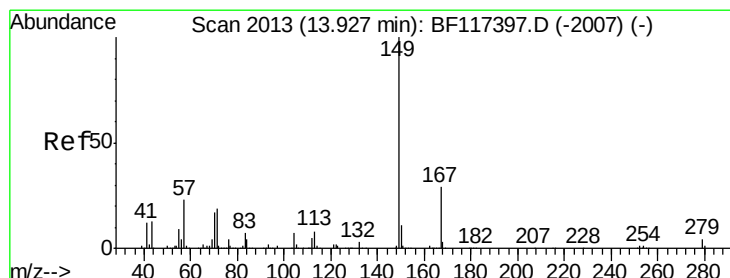
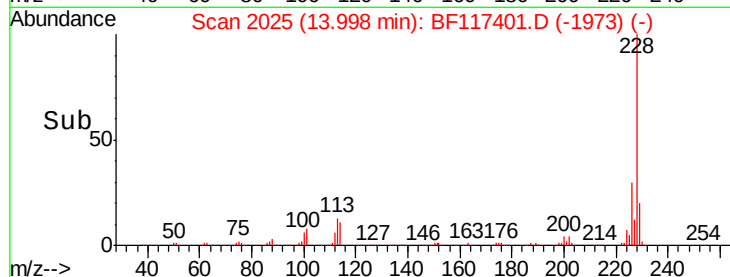
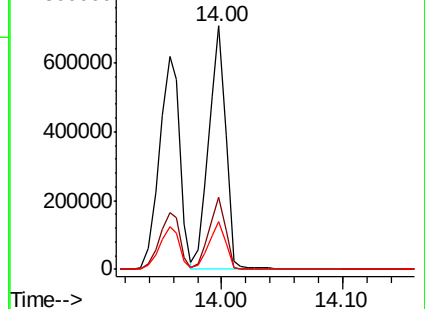
229 19.8 15.7 23.5



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: 121.607 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

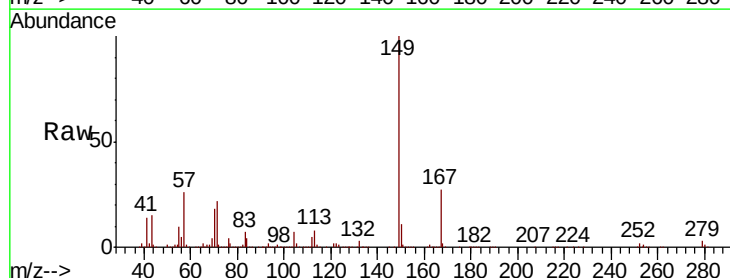
Tgt Ion:149 Resp: 681763

Ion Ratio Lower Upper

149 100

167 26.8 23.0 34.6

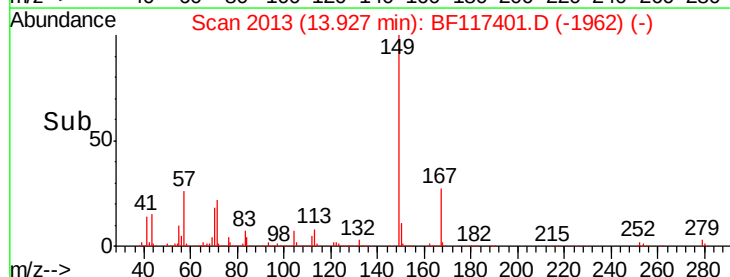
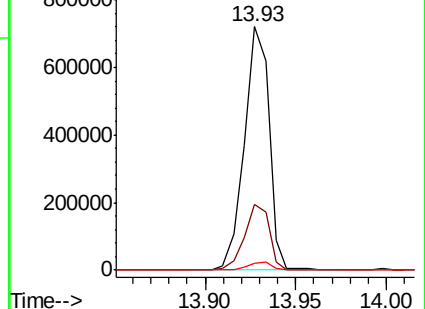
279 3.0 3.0 4.6#

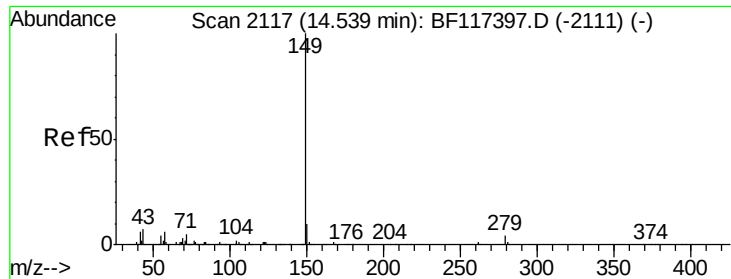


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 113.386 ng

RT: 14.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

Instrument :

BNA\_F

ClientSampleId :

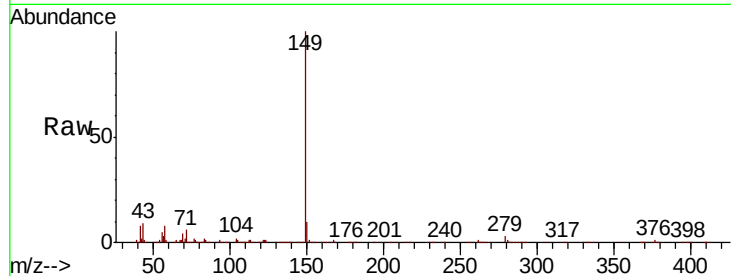
Tot Ion:149 Resp: 1000507

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

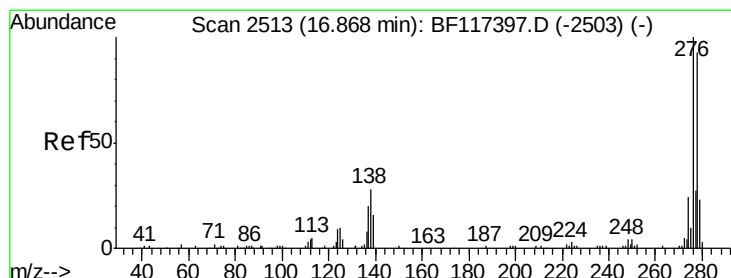
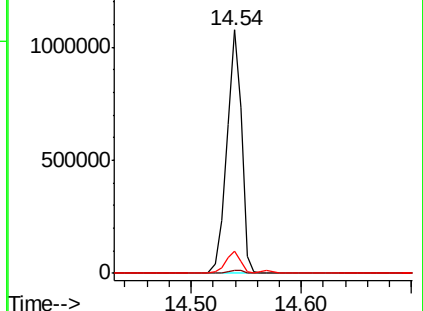
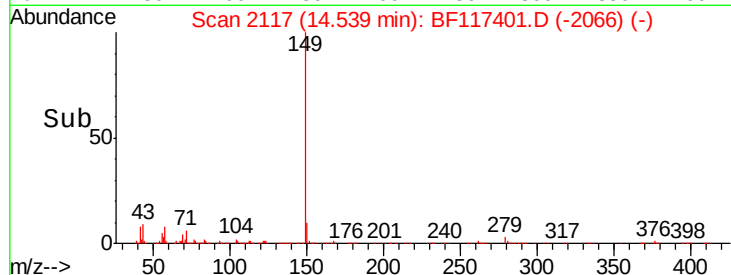
43 9.1 6.6 9.8



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: 100.081 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.02 min

Lab File: BF117401.D

Acq: 14 Oct 2019 14:49

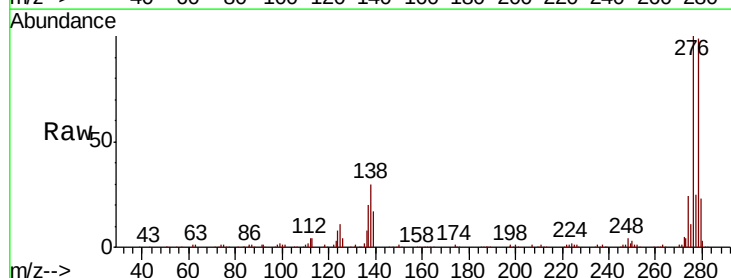
Tgt Ion:276 Resp: 521789

Ion Ratio Lower Upper

276 100

138 28.0 21.5 32.3

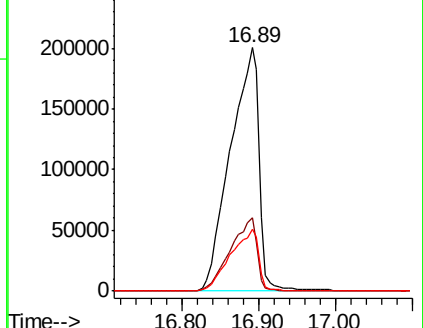
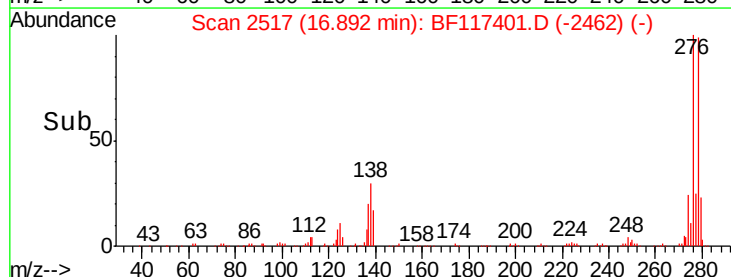
277 25.0 20.1 30.1

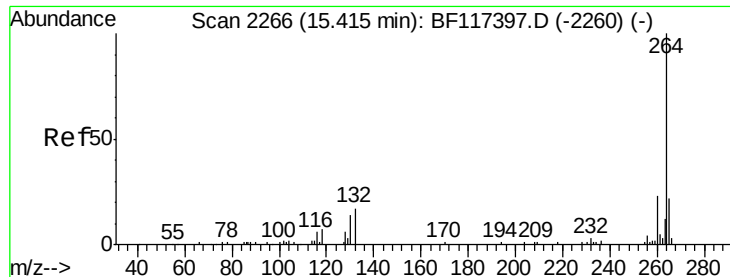


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

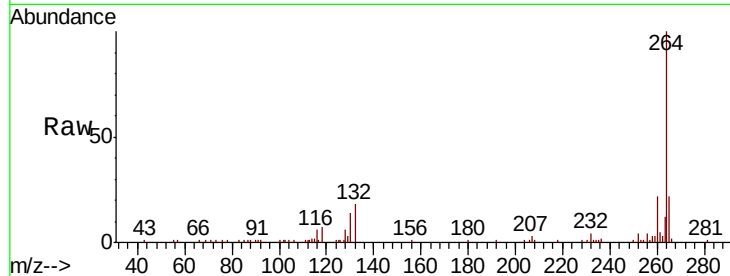




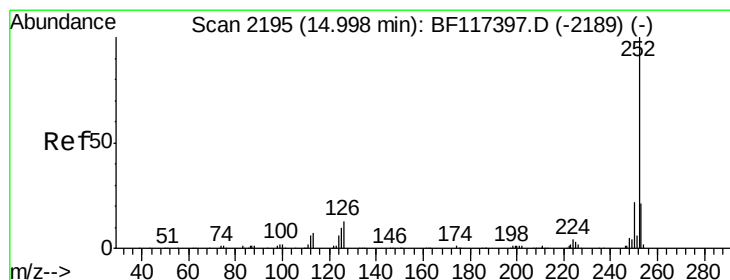
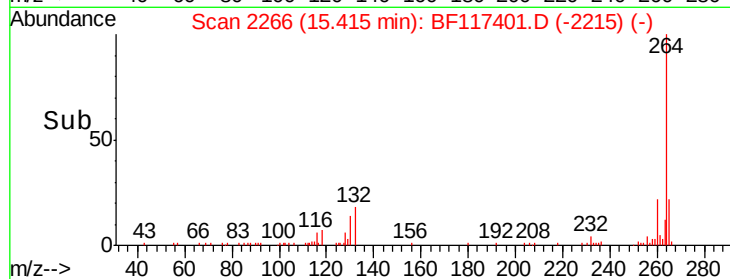
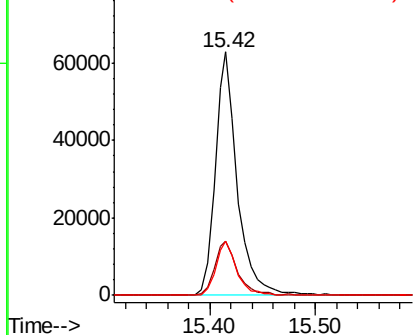
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.42 min Scan# 2266  
Delta R.T. 0.00 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:264 Resp: 91244  
Ion Ratio Lower Upper  
264 100  
260 22.3 18.6 27.8  
265 22.2 17.4 26.0

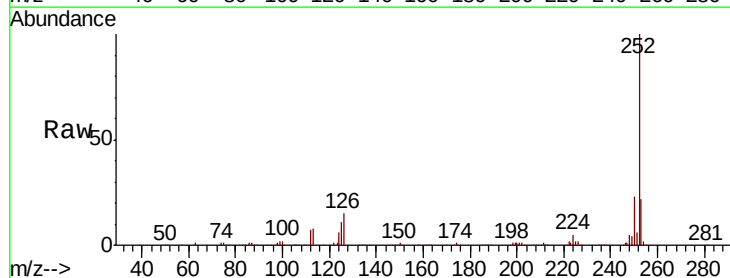


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

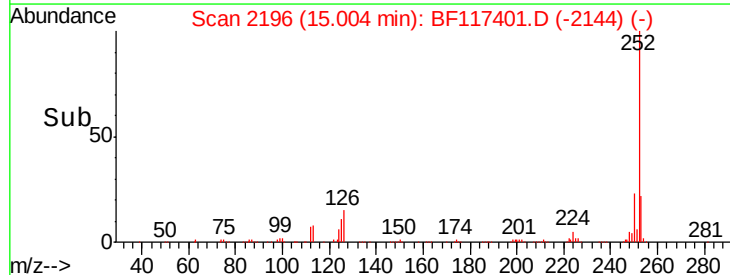
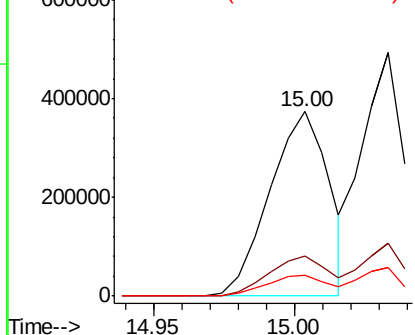


#88  
Benzo(b)fluoranthene  
Concen: 98.423 ng  
RT: 15.00 min Scan# 2196  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

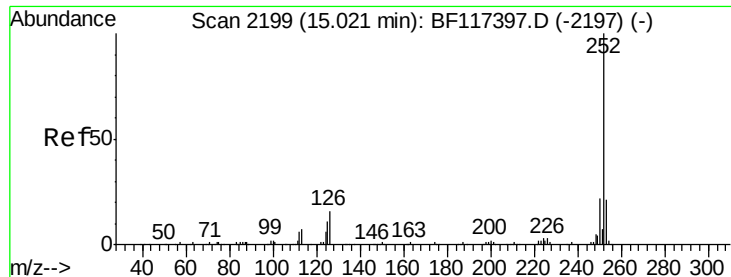
Tgt Ion:252 Resp: 543980  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.2 25.8  
125 11.1 8.2 12.2



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



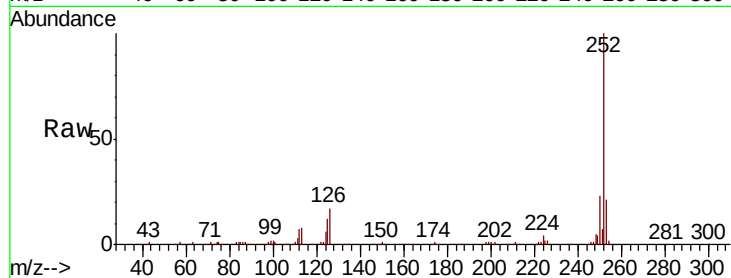




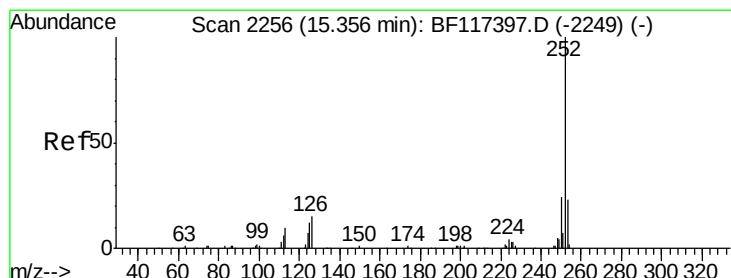
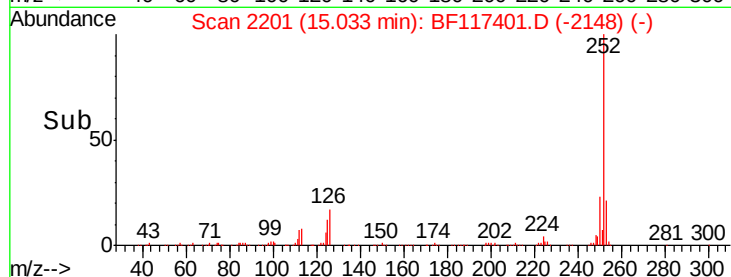
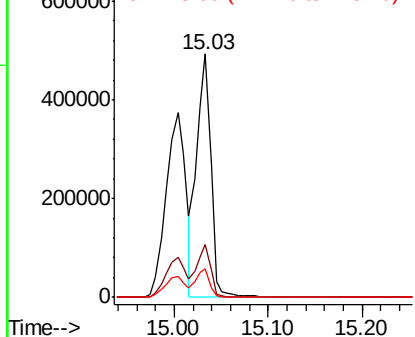
#89  
Benzo(k)fluoranthene  
Concen: 98.811 ng  
RT: 15.03 min Scan# 2201  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 517333  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.0 25.6  
125 11.9 9.4 14.2

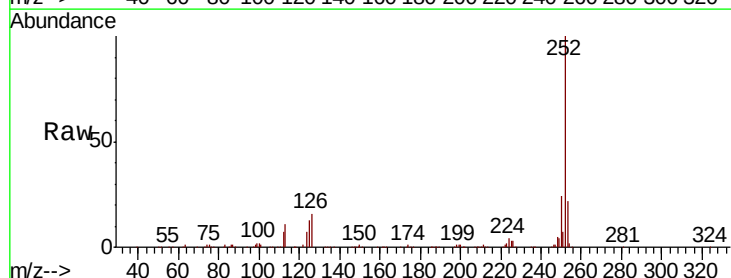


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

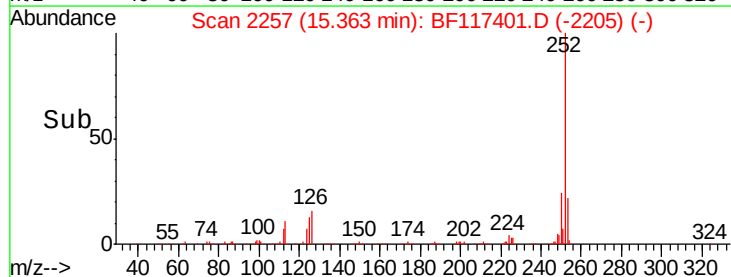
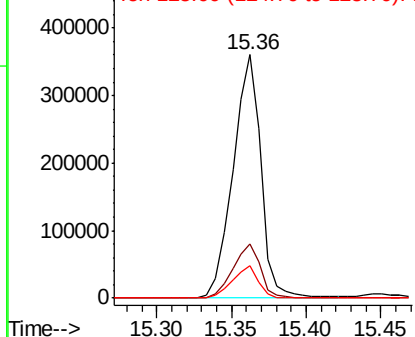


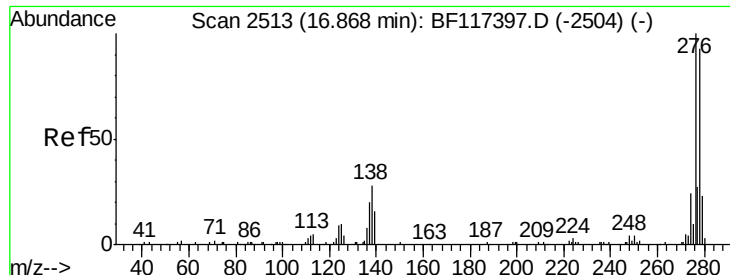
#90  
Benzo(a)pyrene  
Concen: 97.244 ng  
RT: 15.36 min Scan# 2257  
Delta R.T. 0.01 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Tgt Ion:252 Resp: 471637  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.0 27.0  
125 13.4 9.4 14.0



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



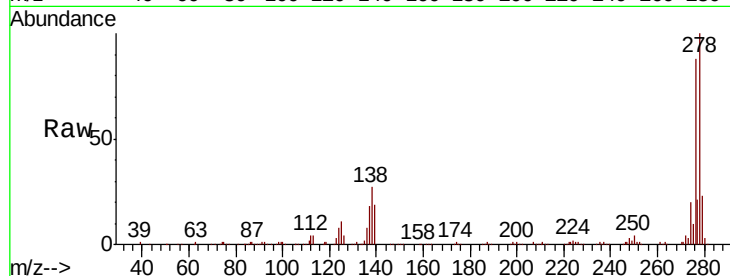


#91  
Dibenzo(a,h)anthracene  
Concen: 112.907 ng  
RT: 16.89 min Scan# 2516  
Delta R.T. 0.02 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

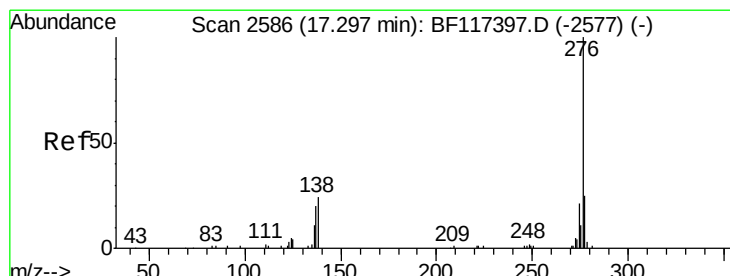
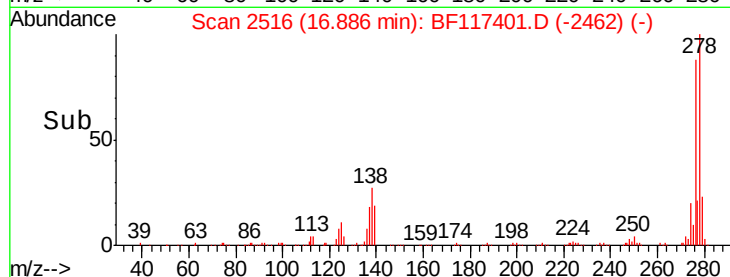
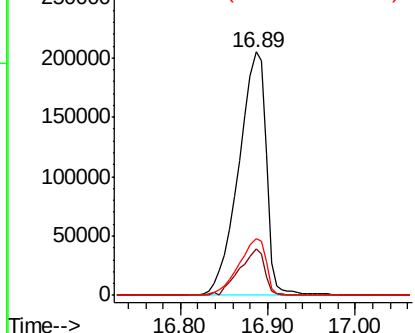
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 436238  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 19.1  | 14.1  | 21.1  |
| 279 | 23.1  | 19.8  | 29.6  |



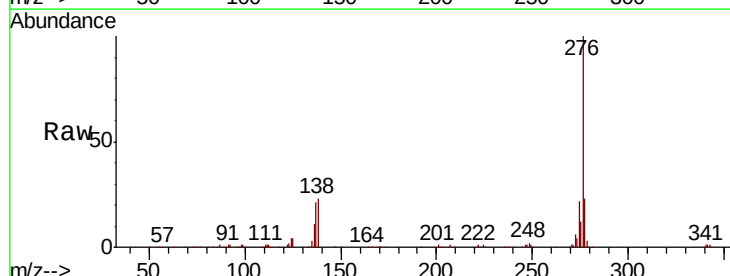
Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 110.761 ng  
RT: 17.32 min Scan# 2589  
Delta R.T. 0.02 min  
Lab File: BF117401.D  
Acq: 14 Oct 2019 14:49

Tgt Ion:276 Resp: 426443  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.3  | 19.9  | 29.9  |
| 138 | 23.2  | 19.3  | 28.9  |



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

