

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\  
 Data File : BF118801.D  
 Acq On : 4 Feb 2020 14:59  
 Operator : CG/JU  
 Sample : PB126569BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Feb 04 16:13:20 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 03 16:26:03 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 282266   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 1087983  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.85  | 164  | 640793   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.33 | 188  | 1213786  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.97 | 240  | 825012   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.41 | 264  | 685097   | 20.00 | ng    | -0.02    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.45  | 112 | 1724790 | 115.67 | ng | 0.01  |
| 7) Phenol-d6                | 6.45  | 99  | 2143171 | 115.78 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.37  | 82  | 1257600 | 68.90  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol    | 10.64 | 330 | 846003  | 110.34 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 9.17  | 172 | 2620771 | 73.11  | ng | 0.00  |
| 79) Terphenyl-d14           | 12.92 | 244 | 3093420 | 77.02  | ng | -0.01 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.63 | 88  | 255008  | 37.525 | ng | 99   |
| 3) Pyridine                    | 3.38 | 79  | 610553  | 32.355 | ng | 99   |
| 4) n-Nitrosodimethylamine      | 3.31 | 42  | 279990  | 40.754 | ng | 97   |
| 6) Aniline                     | 6.47 | 93  | 754353  | 31.642 | ng | 98   |
| 8) 2-Chlorophenol              | 6.60 | 128 | 725675  | 43.692 | ng | 98   |
| 9) Benzaldehyde                | 6.36 | 77  | 362300  | 31.575 | ng | 98   |
| 10) Phenol                     | 6.46 | 94  | 862901  | 41.925 | ng | 96   |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 687150  | 43.638 | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 795254  | 40.226 | ng | 98   |
| 13) 1,4-Dichlorobenzene        | 6.83 | 146 | 803176  | 40.729 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 755781  | 40.120 | ng | 99   |
| 15) Benzyl Alcohol             | 6.96 | 79  | 624232  | 43.628 | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45  | 771995  | 40.034 | ng | 99   |
| 17) 2-Methylphenol             | 7.07 | 107 | 602060  | 43.600 | ng | 99   |
| 18) Hexachloroethane           | 7.33 | 117 | 283485  | 40.053 | ng | 100  |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 476623  | 42.083 | ng | 99   |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 716641  | 41.404 | ng | 95   |
| 22) Acetophenone               | 7.22 | 105 | 934463  | 39.532 | ng | # 97 |
| 24) Nitrobenzene               | 7.39 | 77  | 748528  | 41.049 | ng | 99   |
| 25) Isophorone                 | 7.64 | 82  | 1374734 | 41.906 | ng | 98   |
| 26) 2-Nitrophenol              | 7.71 | 139 | 410102  | 42.206 | ng | 99   |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 641994  | 48.639 | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 841566  | 39.562 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 7.95 | 162 | 659488  | 41.721 | ng | 100  |
| 30) 1,2,4-Trichlorobenzene     | 8.04 | 180 | 731048  | 39.567 | ng | 100  |
| 31) Naphthalene                | 8.12 | 128 | 2079216 | 41.785 | ng | 100  |
| 32) Benzoic acid               | 7.88 | 122 | 452880  | 41.441 | ng | 96   |
| 33) 4-Chloroaniline            | 8.16 | 127 | 543601  | 24.418 | ng | 98   |
| 34) Hexachlorobutadiene        | 8.24 | 225 | 427368  | 37.755 | ng | 99   |
| 35) Caprolactam                | 8.53 | 113 | 123589  | 24.118 | ng | 99   |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 674086  | 42.375 | ng | 97   |
| 37) 2-Methylnaphthalene        | 8.81 | 142 | 1473408 | 42.694 | ng | 98   |
| 38) 1-Methylnaphthalene        | 8.91 | 142 | 1382736 | 42.592 | ng | 100  |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 718896  | 37.172 | ng | 99   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\  
 Data File : BF118801.D  
 Acq On : 4 Feb 2020 14:59  
 Operator : CG/JU  
 Sample : PB126569BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

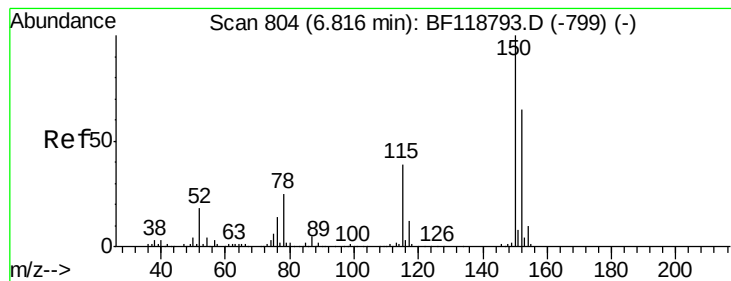
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Feb 04 16:13:20 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 03 16:26:03 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.97  | 237  | 687748   | 90.692 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.09  | 196  | 512701   | 39.644 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.13  | 196  | 533297   | 40.358 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.27  | 154  | 1772526  | 39.988 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 1412430  | 38.329 | ng    | 100      |
| 48) 2-Nitroaniline             | 9.39  | 65   | 396501   | 37.306 | ng    | 97       |
| 49) Acenaphthylene             | 9.72  | 152  | 2239269  | 42.086 | ng    | 100      |
| 50) Dimethylphthalate          | 9.57  | 163  | 1713055  | 39.261 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.63  | 165  | 404656   | 40.533 | ng    | 100      |
| 52) Acenaphthene               | 9.89  | 154  | 1549324  | 44.189 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.80  | 138  | 290744   | 26.260 | ng    | 91       |
| 54) 2,4-Dinitrophenol          | 9.91  | 184  | 401299   | 83.614 | ng    | 93       |
| 55) Dibenzofuran               | 10.06 | 168  | 2050197  | 40.462 | ng    | 100      |
| 56) 4-Nitrophenol              | 9.97  | 139  | 666852   | 83.219 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 10.04 | 165  | 548085   | 41.484 | ng    | 93       |
| 58) Fluorene                   | 10.40 | 166  | 1544358  | 40.514 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 480611   | 41.647 | ng    | 99       |
| 60) Diethylphthalate           | 10.27 | 149  | 1700062  | 40.070 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 814856   | 39.417 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.42 | 138  | 392575   | 35.407 | ng    | 98       |
| 63) Azobenzene                 | 10.55 | 77   | 1516645  | 41.871 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 299788   | 43.954 | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 10.51 | 169  | 1458712  | 41.489 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.88 | 248  | 568336   | 39.582 | ng    | 96       |
| 68) Hexachlorobenzene          | 10.95 | 284  | 638533   | 38.771 | ng    | 97       |
| 69) Atrazine                   | 11.03 | 200  | 524743   | 44.799 | ng    | 98       |
| 70) Pentachlorophenol          | 11.14 | 266  | 673852   | 77.490 | ng    | 98       |
| 71) Phenanthrene               | 11.36 | 178  | 2370829  | 39.699 | ng    | 99       |
| 72) Anthracene                 | 11.41 | 178  | 2397290  | 40.351 | ng    | 100      |
| 73) Carbazole                  | 11.56 | 167  | 2113752  | 40.540 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.90 | 149  | 2515390  | 37.871 | ng    | 100      |
| 75) Fluoranthene               | 12.54 | 202  | 2477524  | 37.997 | ng    | 99       |
| 77) Benzidine                  | 12.66 | 184  | 708915   | 28.410 | ng    | 99       |
| 78) Pyrene                     | 12.77 | 202  | 2513158  | 44.404 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.39 | 149  | 1037739  | 40.171 | ng    | 99       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 1994618  | 40.629 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 653068   | 32.525 | ng    | 99       |
| 83) Chrysene                   | 14.00 | 228  | 2000842  | 40.608 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 1275658  | 38.922 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.56 | 149  | 2006194  | 35.731 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.84 | 276  | 1835226  | 37.071 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 14.99 | 252  | 1955311  | 45.995 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.02 | 252  | 1657263  | 44.768 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.35 | 252  | 1602586  | 44.049 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.86 | 278  | 1539386  | 47.663 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.27 | 276  | 1580465  | 50.883 | ng    | 98       |

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



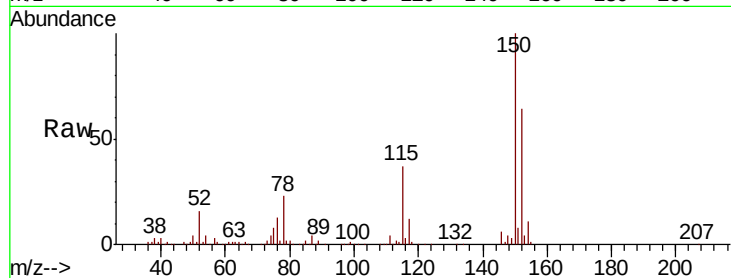


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.82 min Scan# 804  
Delta R.T. -0.00 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.2 | 123.6 | 185.4 |
| 115     | 57.7  | 48.2  | 72.2  |

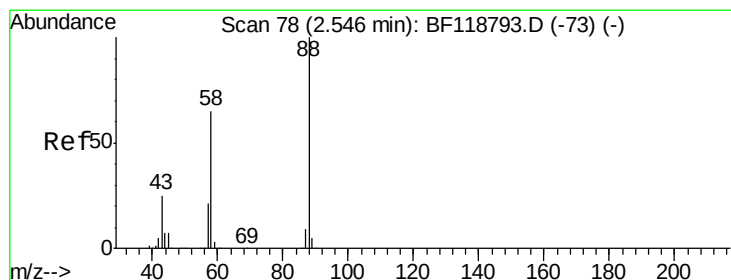
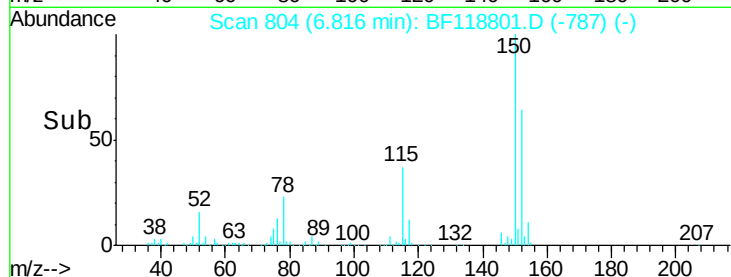
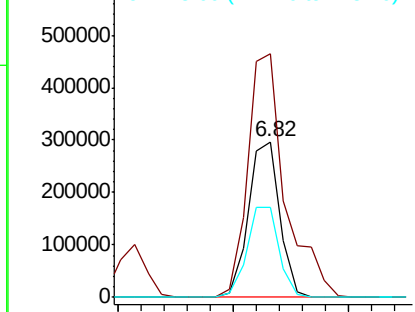


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

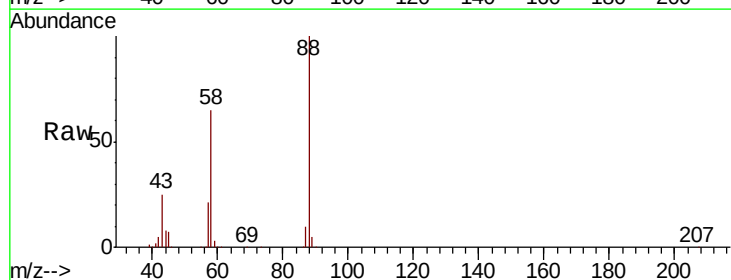
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 37.525 ng  
RT: 2.63 min Scan# 93  
Delta R.T. 0.09 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 63.6  | 51.6  | 77.4  |
| 43      | 24.5  | 19.8  | 29.6  |

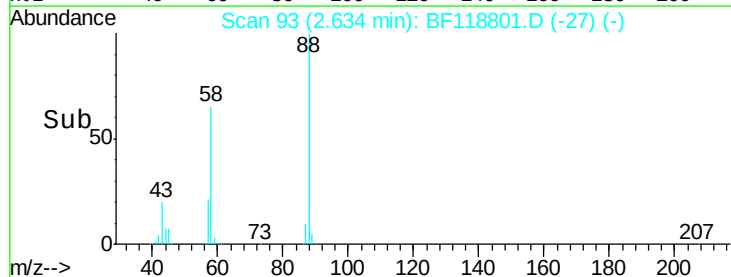
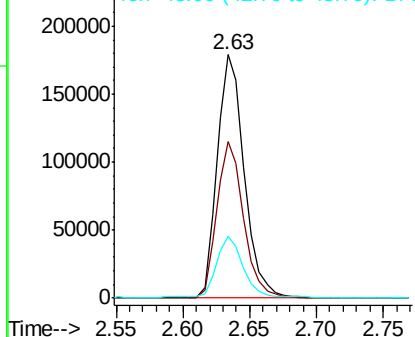


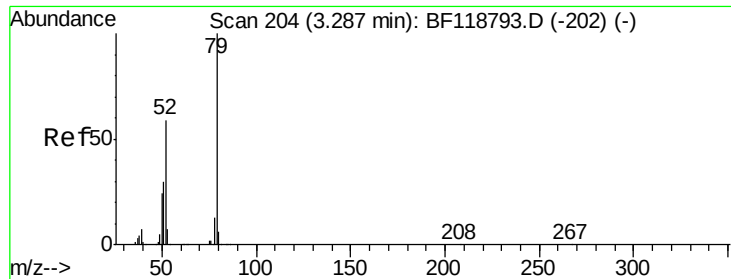
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.355 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.09 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampled :

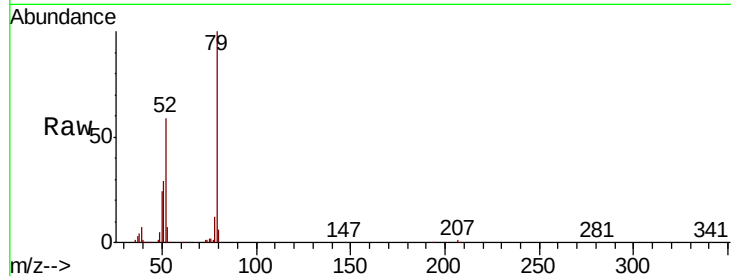
Tot Ion: 79 Resp: 610553

Ion Ratio Lower Upper

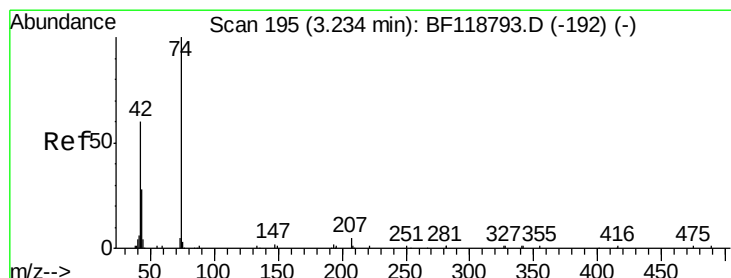
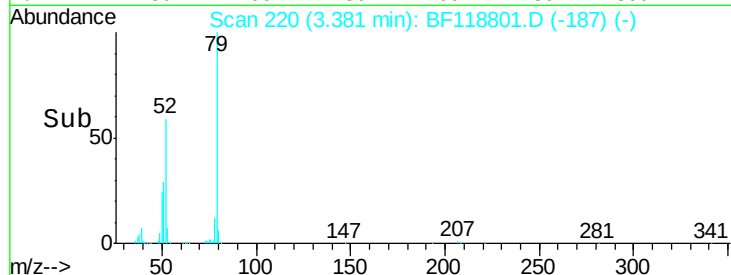
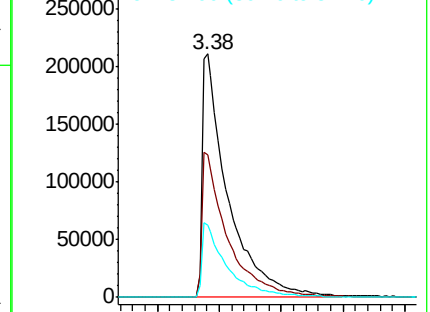
79 100

52 58.5 47.4 71.0

51 29.5 24.2 36.4



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.754 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.08 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

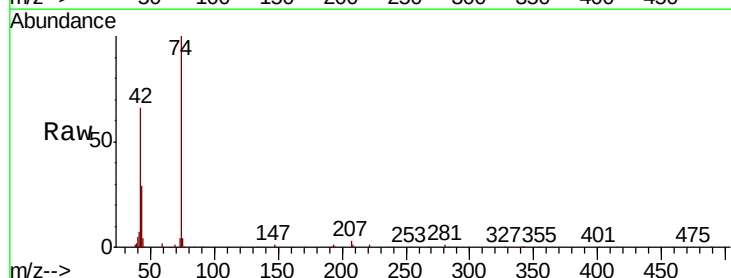
Tgt Ion: 42 Resp: 279990

Ion Ratio Lower Upper

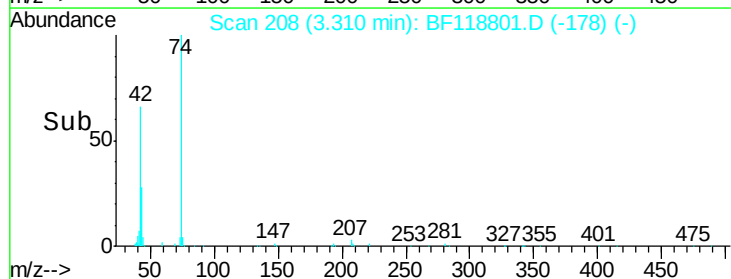
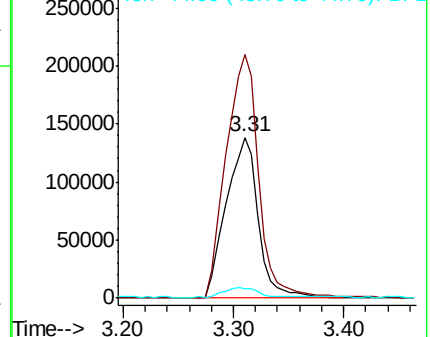
42 100

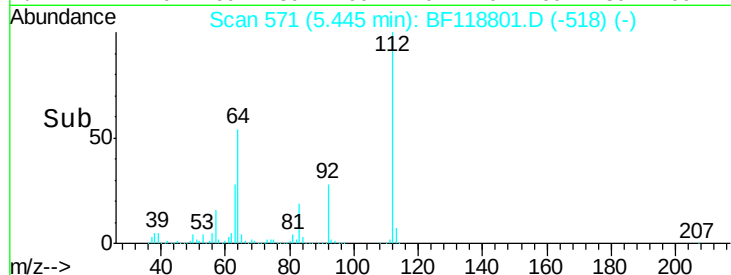
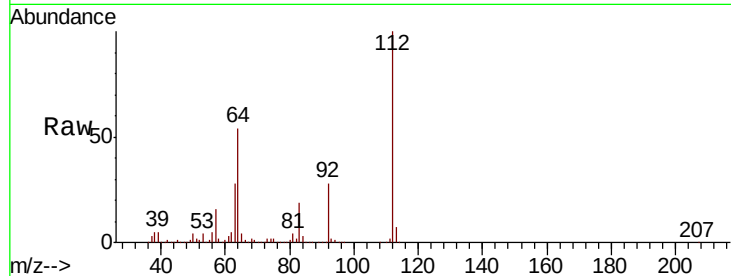
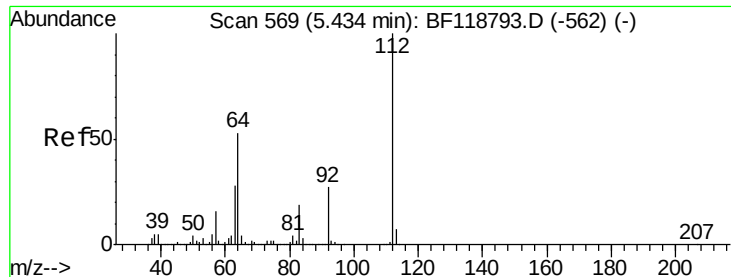
74 151.7 124.3 186.5

44 6.0 5.3 7.9



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 115.668 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampleId :

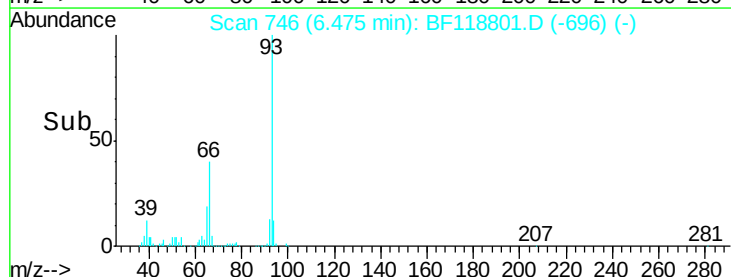
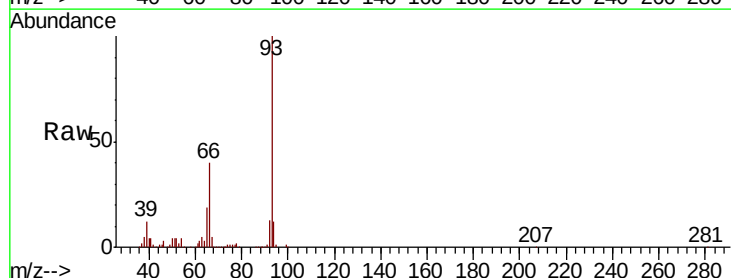
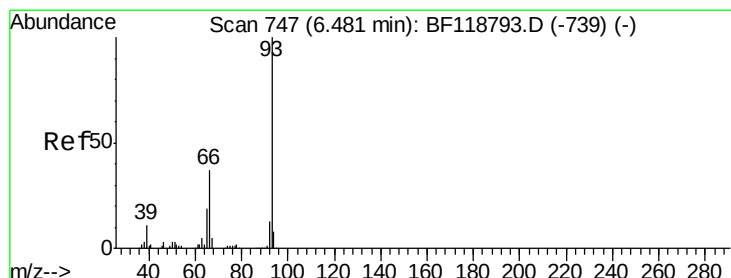
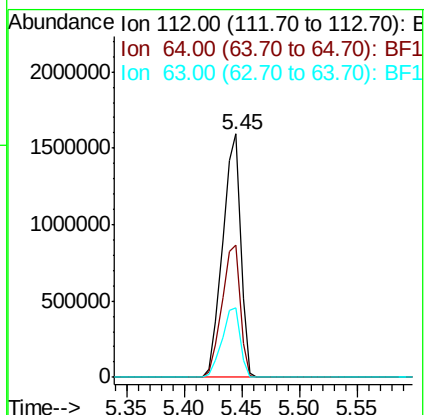
Tot Ion:112 Resp: 1724790

Ion Ratio Lower Upper

112 100

64 54.3 42.6 63.8

63 28.4 22.2 33.4



#6

Aniline

Concen: 31.642 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

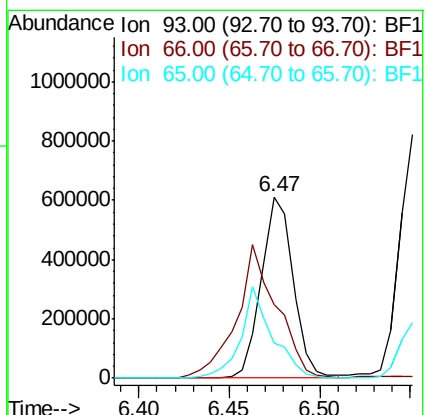
Tgt Ion: 93 Resp: 754353

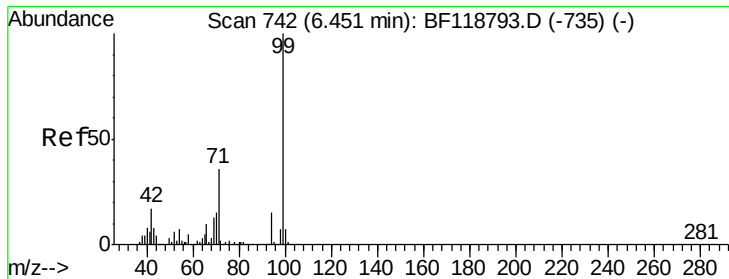
Ion Ratio Lower Upper

93 100

66 40.3 30.8 46.2

65 19.2 15.4 23.0





#7

Phenol-d6

Concen: 115.781 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampled :

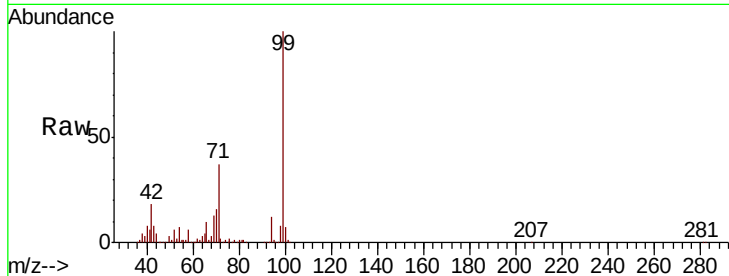
Tot Ion: 99 Resp: 2143171

Ion Ratio Lower Upper

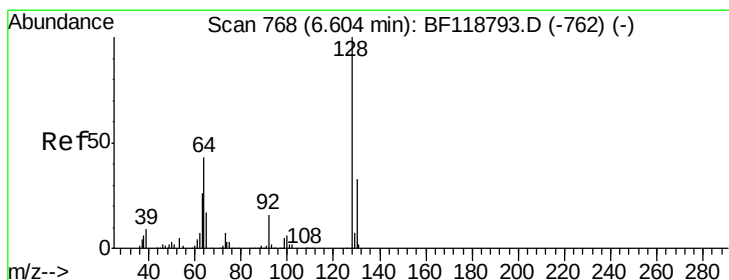
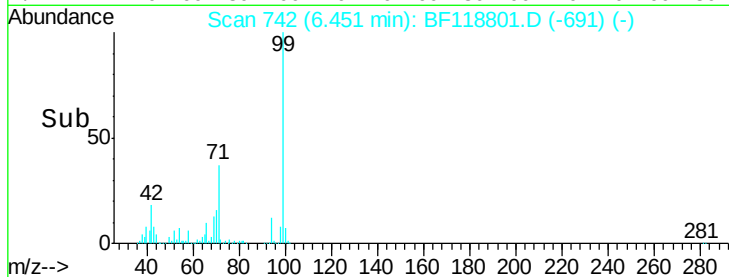
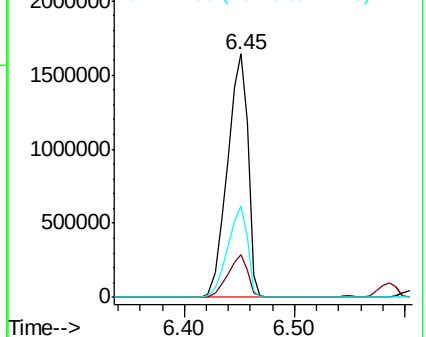
99 100

42 17.6 13.4 20.0

71 37.4 29.0 43.6



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: 43.692 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

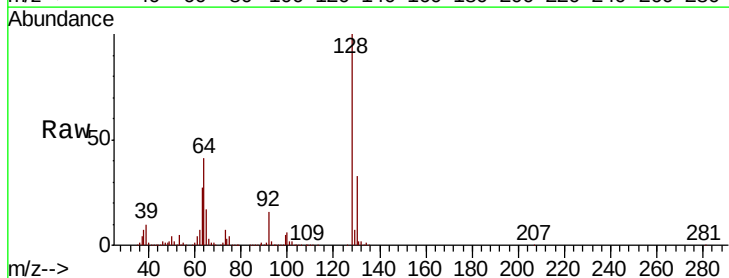
Tgt Ion: 128 Resp: 725675

Ion Ratio Lower Upper

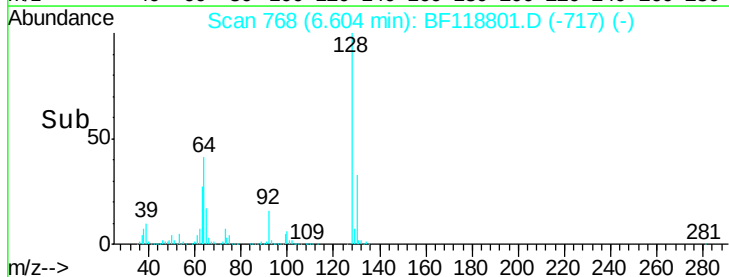
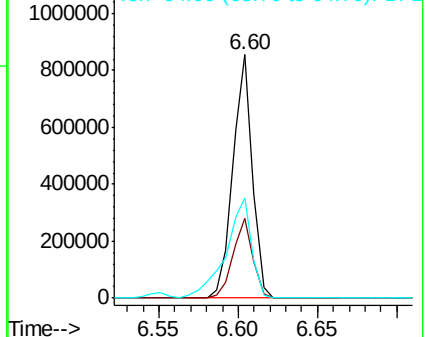
128 100

130 32.5 13.1 53.1

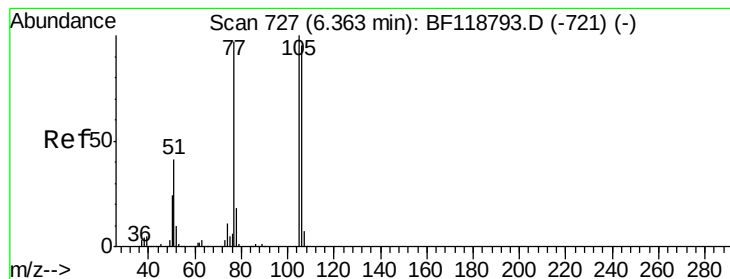
64 41.1 23.0 63.0



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







#9

Benzaldehyde

Concen: 31.575 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampleId :

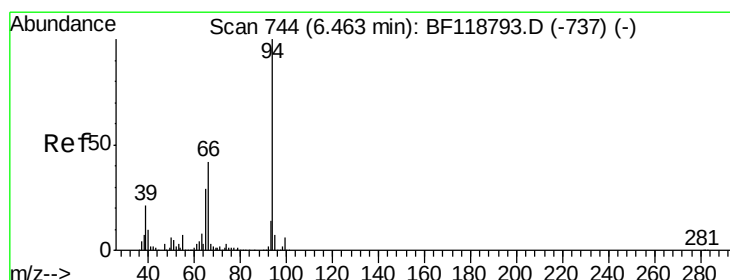
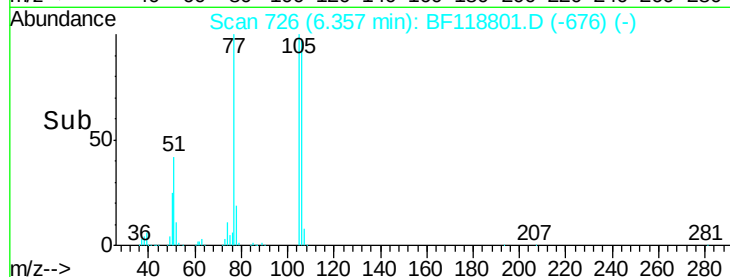
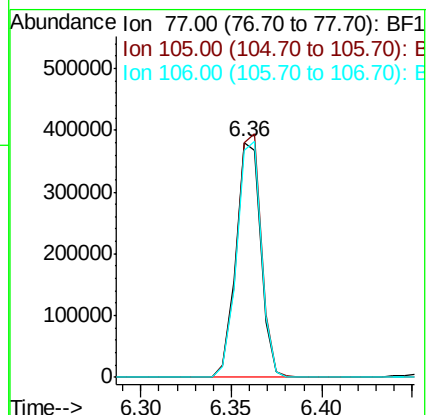
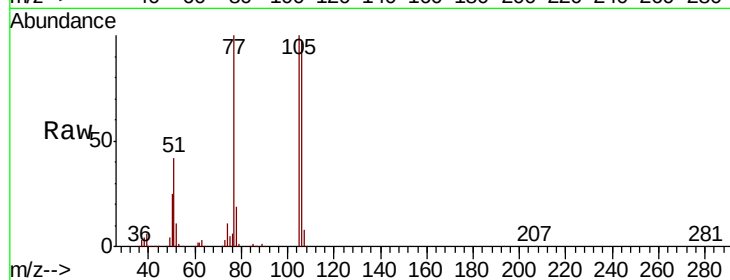
Tot Ion: 77 Resp: 362300

Ion Ratio Lower Upper

77 100

105 99.7 82.8 122.8

106 96.5 78.1 118.1



#10

Phenol

Concen: 41.925 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

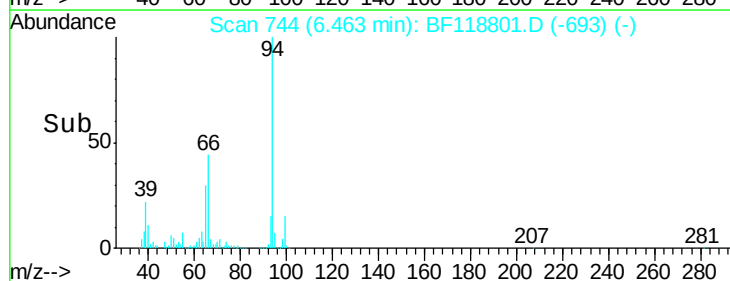
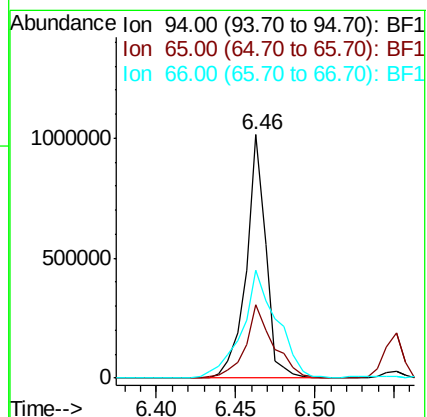
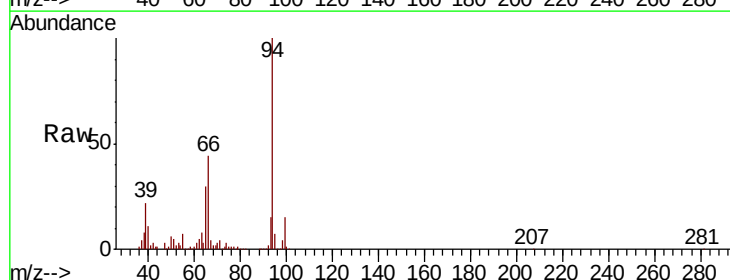
Tgt Ion: 94 Resp: 862901

Ion Ratio Lower Upper

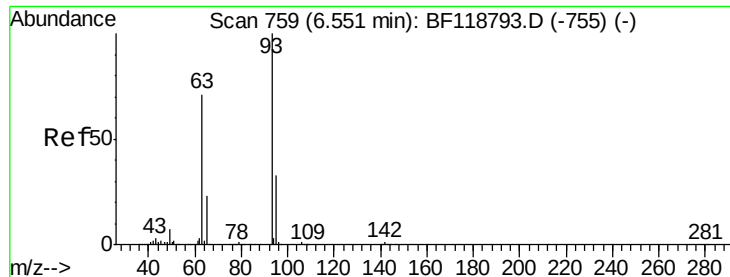
94 100

65 30.3 9.1 49.1

66 44.5 21.7 61.7



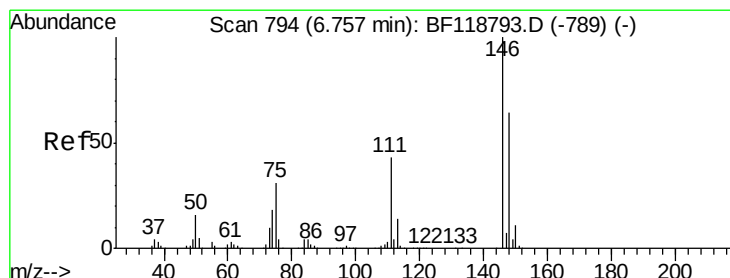
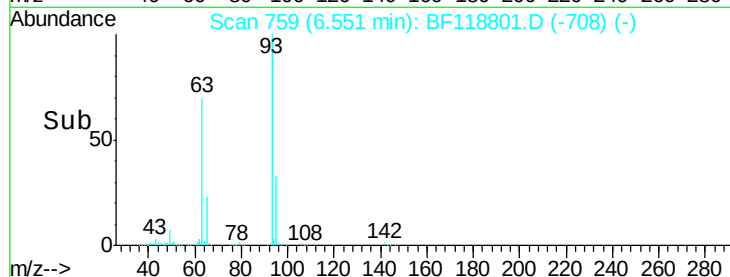
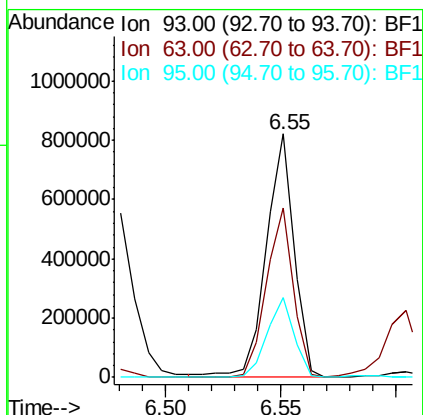
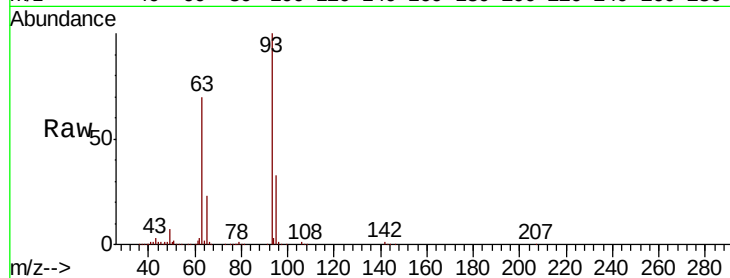




#11  
bis(2-Chloroethyl)ether  
Concen: 43.638 ng  
RT: 6.55 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

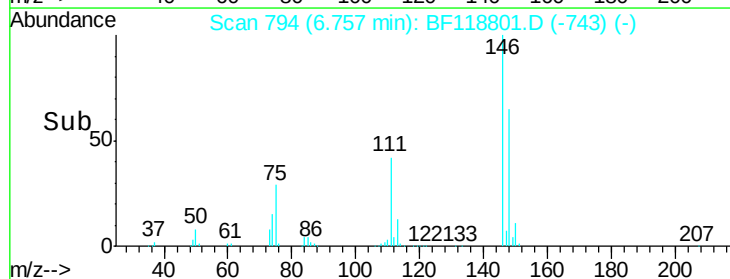
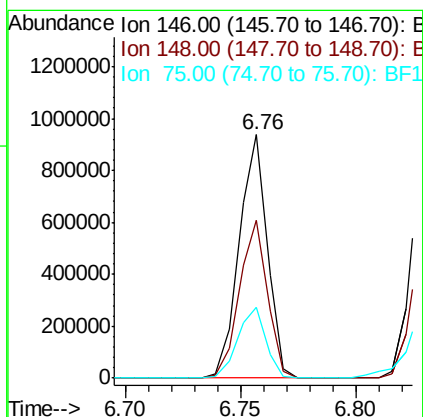
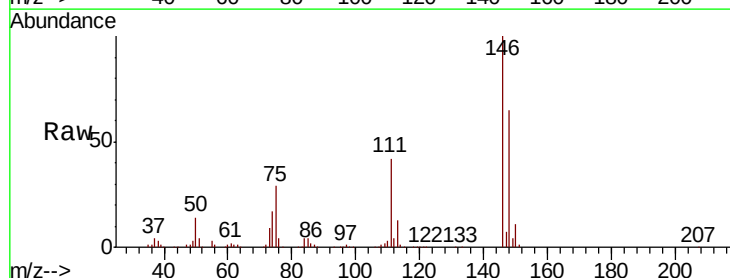
Instrument :  
BNA\_F  
ClientSampleId :

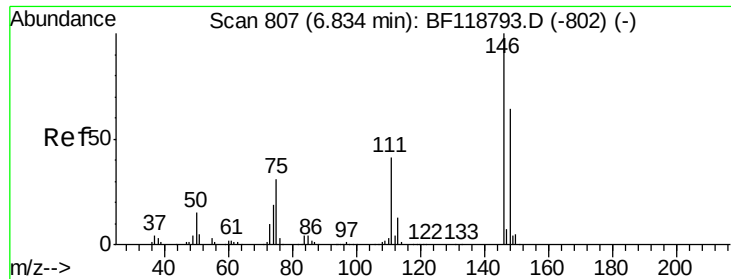
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 687150 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 69.7  | 50.7  | 90.7   |
| 95       | 32.7  | 12.6  | 52.6   |



#12  
1,3-Dichlorobenzene  
Concen: 40.226 ng  
RT: 6.76 min Scan# 794  
Delta R.T. -0.00 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 795254 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.9  | 51.1  | 76.7   |
| 75       | 29.2  | 25.0  | 37.4   |

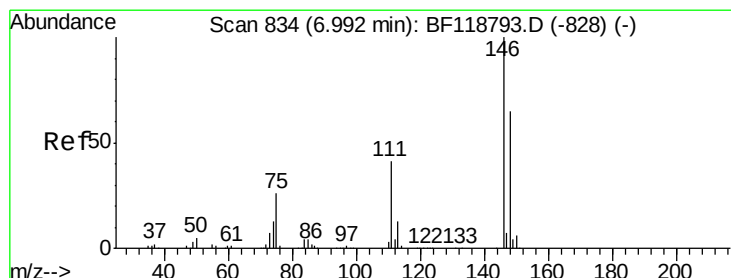
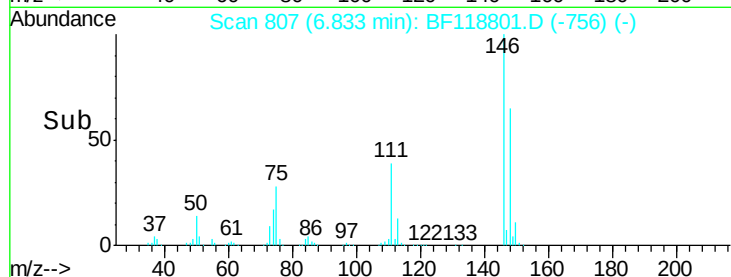
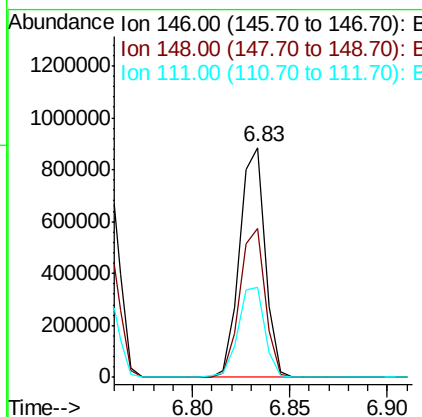
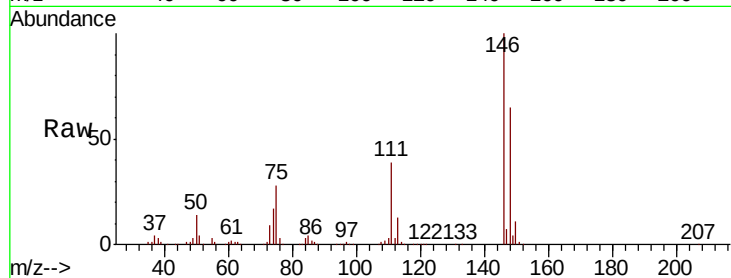




#13  
 1,4-Dichlorobenzene  
 Concen: 40.729 ng  
 RT: 6.83 min Scan# 807  
 Delta R.T. -0.00 min  
 Lab File: BF118801.D  
 Acq: 4 Feb 2020 14:59

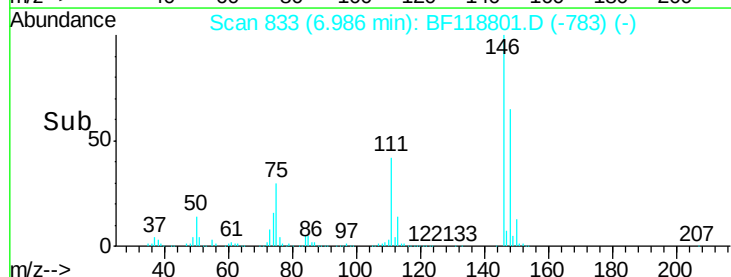
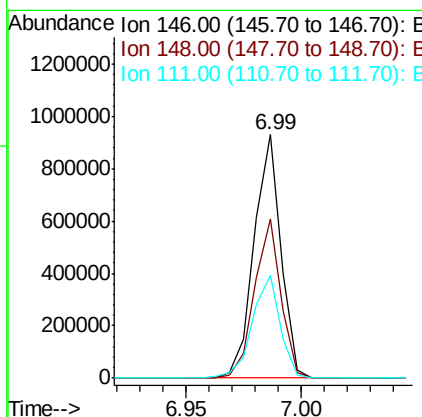
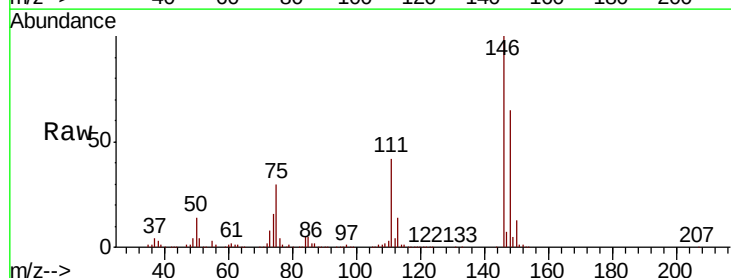
Instrument :  
 BNA\_F  
 ClientSampled :

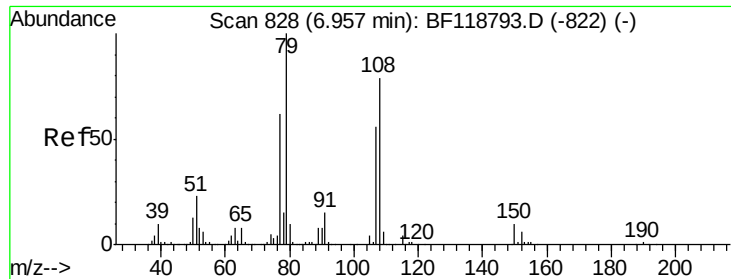
Tot Ion:146 Resp: 803176  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 51.6 77.4  
 111 39.3 32.9 49.3



#14  
 1,2-Dichlorobenzene  
 Concen: 40.120 ng  
 RT: 6.99 min Scan# 833  
 Delta R.T. -0.01 min  
 Lab File: BF118801.D  
 Acq: 4 Feb 2020 14:59

Tgt Ion:146 Resp: 755781  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 51.6 77.4  
 111 42.2 32.7 49.1





#15

Benzyl Alcohol

Concen: 43.628 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampled :

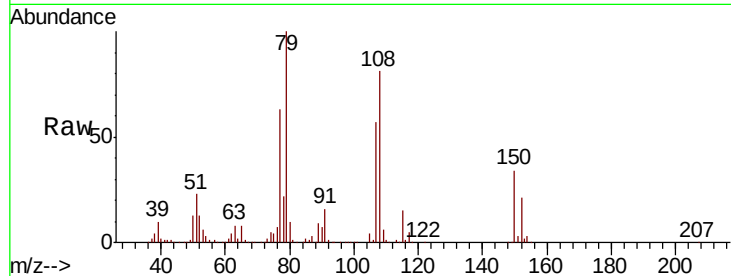
Tot Ion: 79 Resp: 624232

Ion Ratio Lower Upper

79 100

108 81.4 62.9 94.3

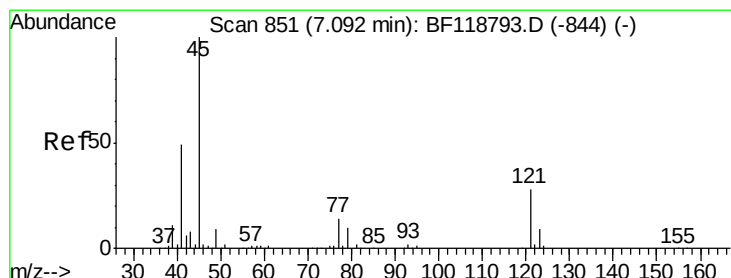
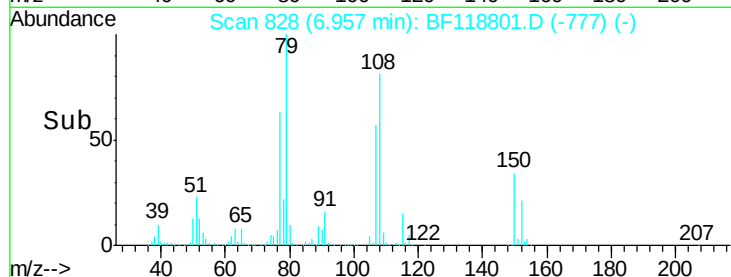
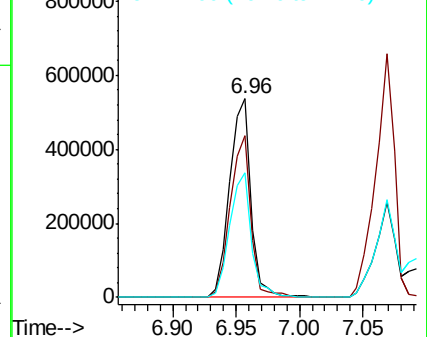
77 62.7 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.034 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

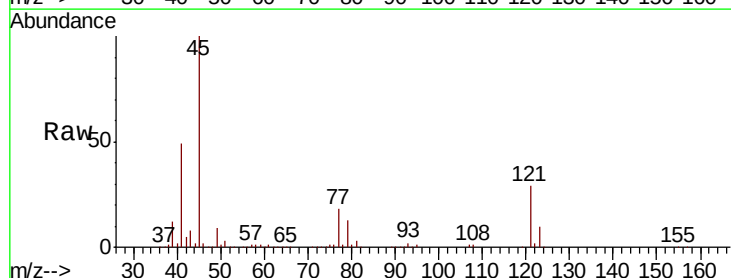
Tgt Ion: 45 Resp: 771995

Ion Ratio Lower Upper

45 100

77 17.7 0.0 37.1

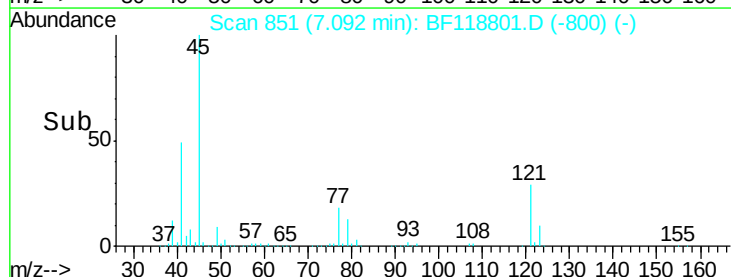
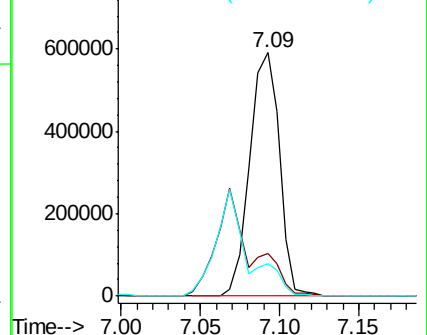
79 13.3 0.0 33.1

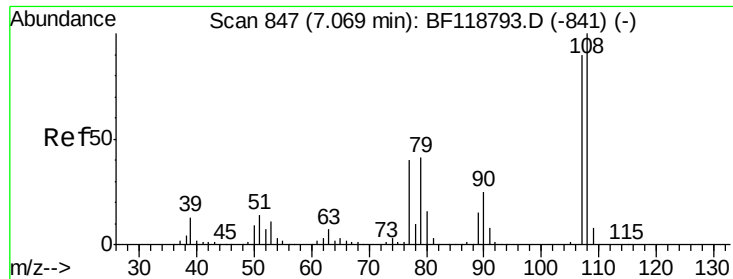


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

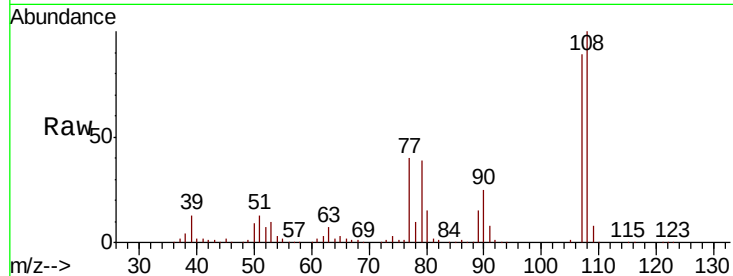




#17  
2-Methylphenol  
Concen: 43.600 ng  
RT: 7.07 min Scan# 847  
Delta R.T. -0.00 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 112.6 | 89.3  | 133.9 |
| 77      | 45.1  | 36.2  | 54.2  |
| 79      | 44.2  | 36.3  | 54.5  |



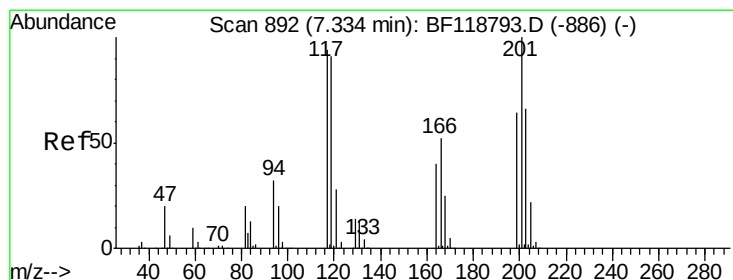
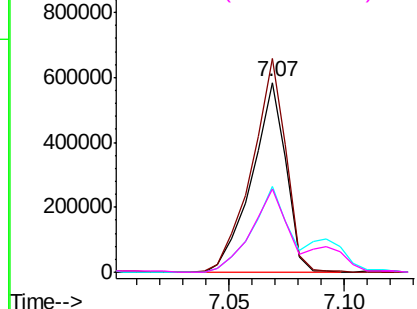
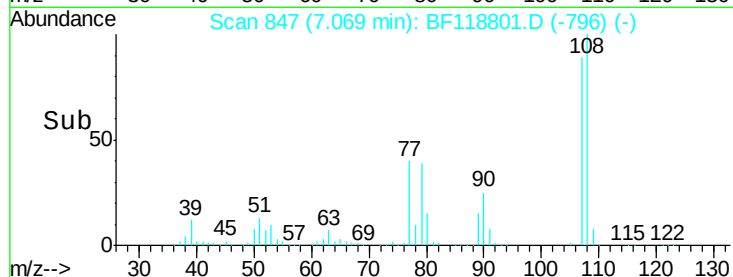
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

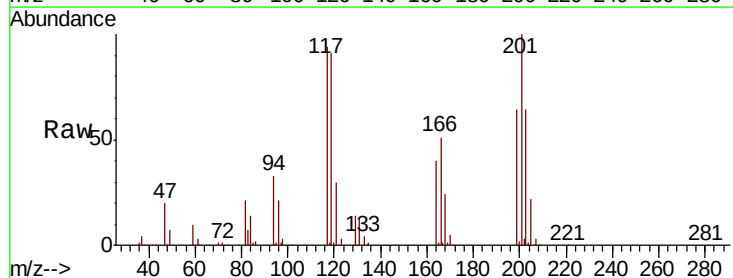
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 40.053 ng  
RT: 7.33 min Scan# 891  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.7  | 77.4  | 116.0 |
| 201     | 106.3 | 85.1  | 127.7 |

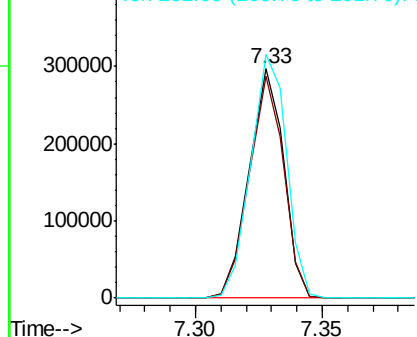
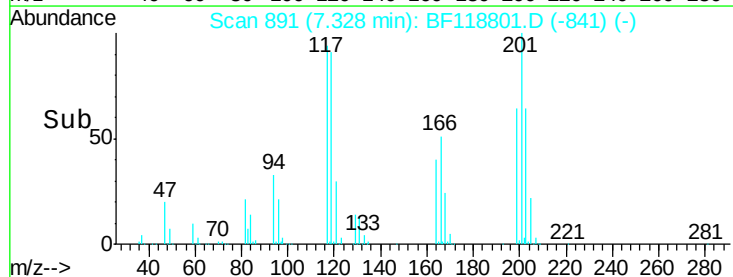


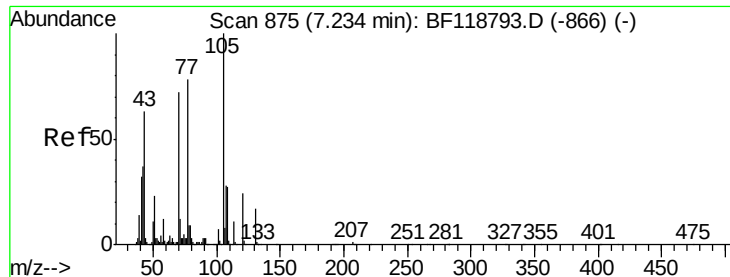
Abundance

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

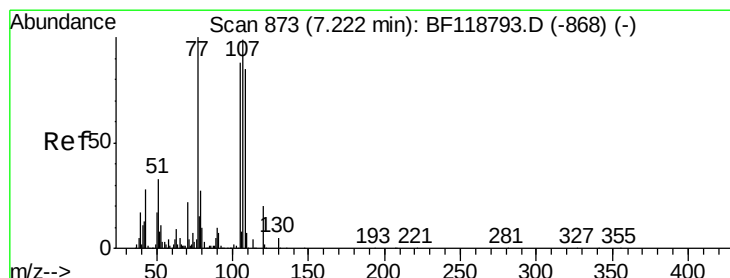
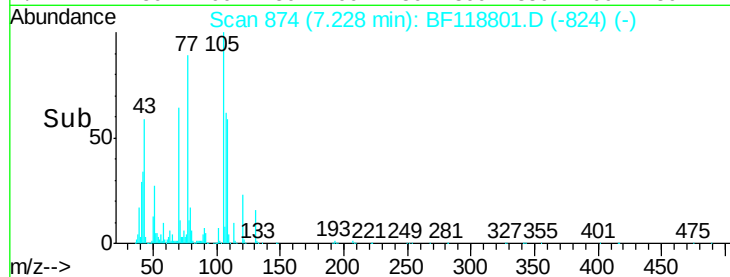
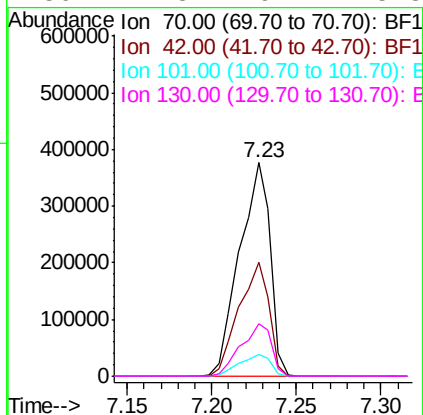
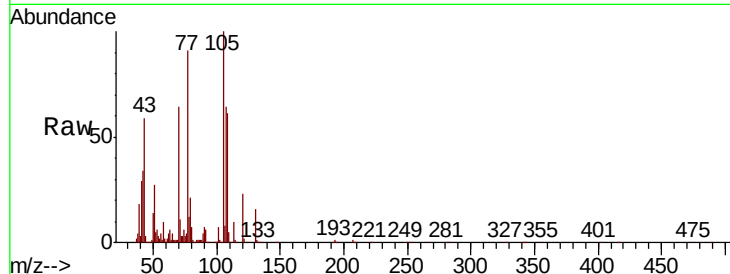




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.083 ng  
RT: 7.23 min Scan# 874  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

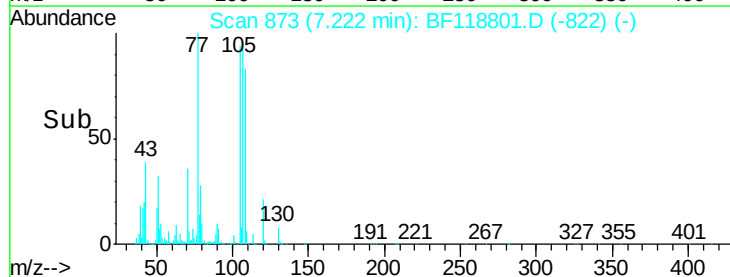
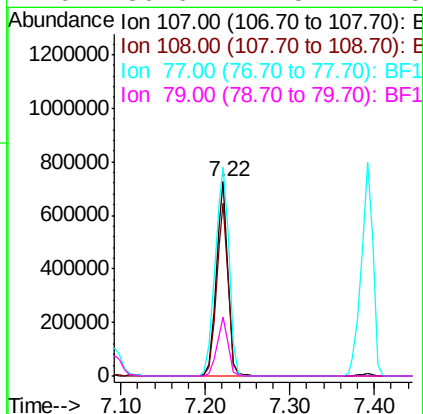
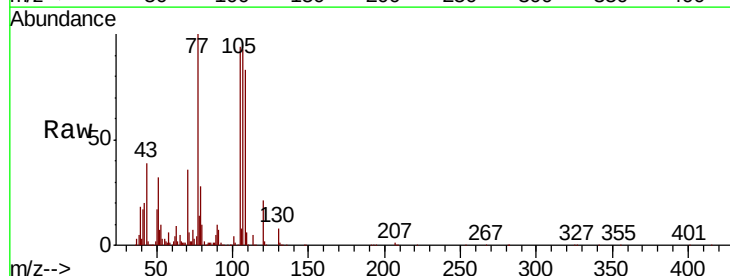
Instrument :  
BNA\_F  
ClientSampleId :

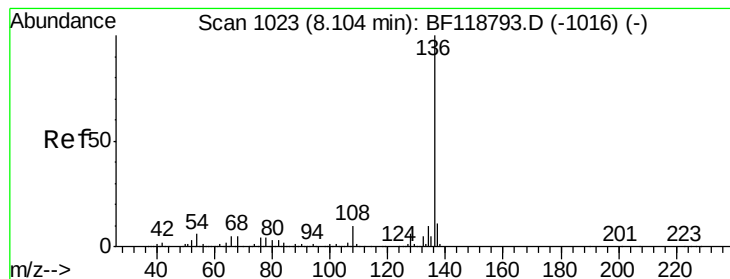
Tot Ion: 70 Resp: 476623  
Ion Ratio Lower Upper  
70 100  
42 53.3 41.5 62.3  
101 10.3 8.3 12.5  
130 24.3 19.2 28.8



#20  
3+4-Methylphenols  
Concen: 41.404 ng  
RT: 7.22 min Scan# 873  
Delta R.T. -0.00 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Tgt Ion: 107 Resp: 716641  
Ion Ratio Lower Upper  
107 100  
108 88.8 65.9 105.9  
77 107.2 80.9 120.9  
79 30.6 7.5 47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 1087983

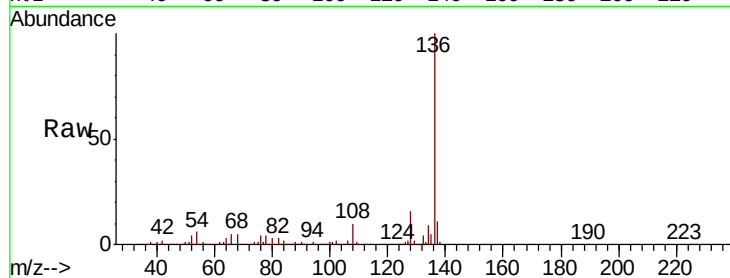
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 5.9 5.0 7.6

68 5.2 4.2 6.4

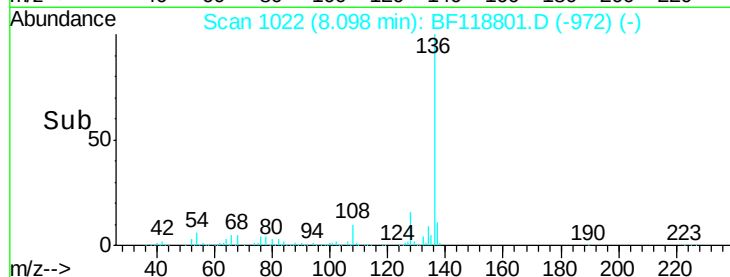


Abundance Ion 136.00 (135.70 to 136.70): E

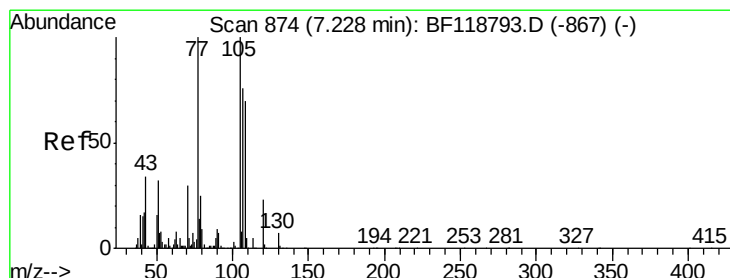
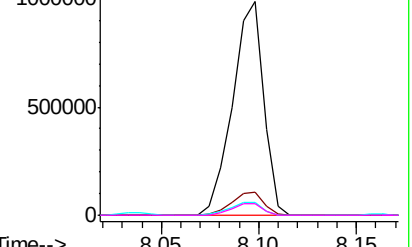
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 39.532 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Tgt Ion:105 Resp: 934463

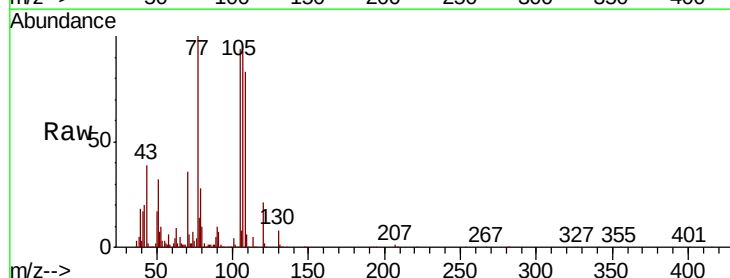
Ion Ratio Lower Upper

105 100

71 6.7 4.2 6.4#

51 34.5 25.5 38.3

120 22.6 18.6 28.0

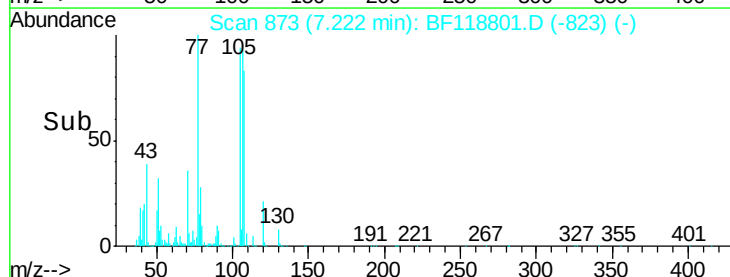


Abundance Ion 105.00 (104.70 to 105.70): E

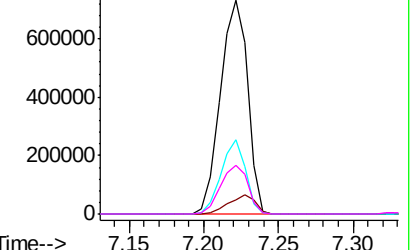
Ion 71.00 (70.70 to 71.70): BF1

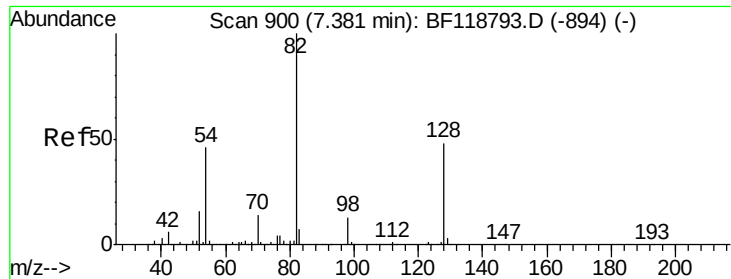
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

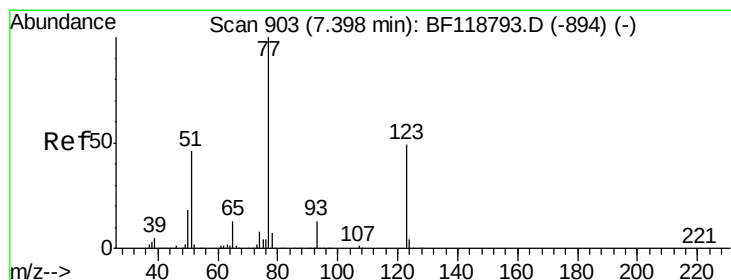
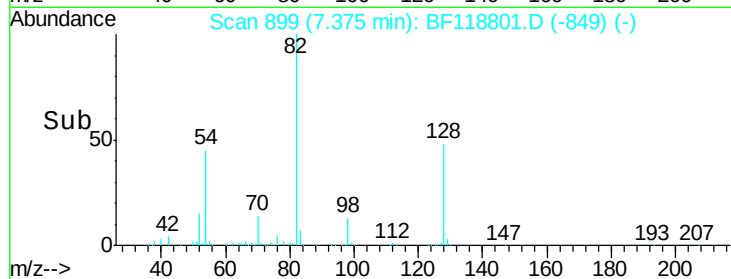
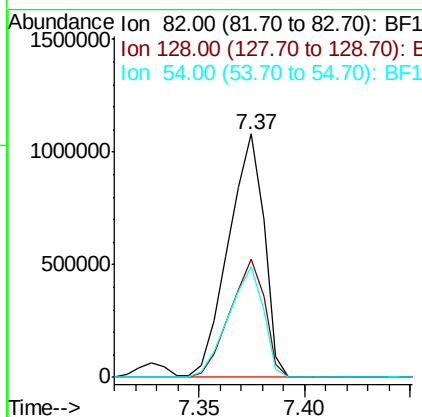
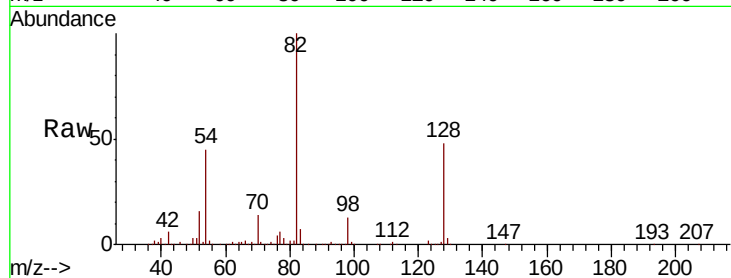




#23  
 Nitrobenzene-d5  
 Concen: 68.897 ng  
 RT: 7.37 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: BF118801.D  
 Acq: 4 Feb 2020 14:59

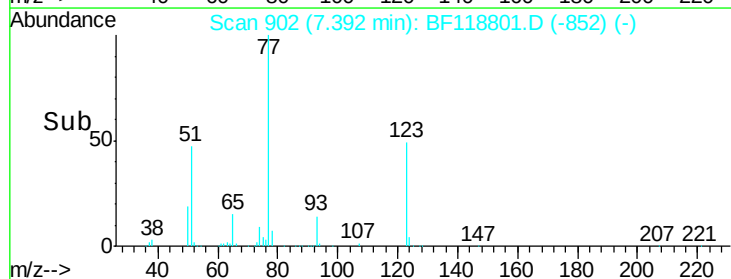
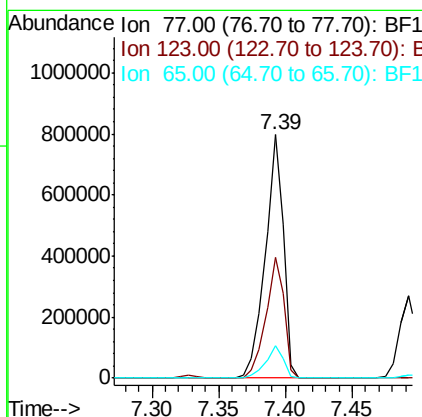
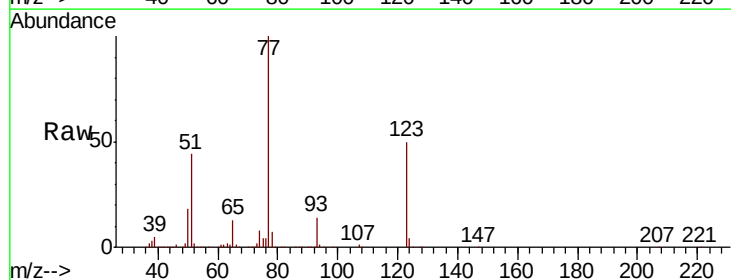
Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion: 82 Resp: 1257600  
 Ion Ratio Lower Upper  
 82 100  
 128 48.3 38.5 57.7  
 54 45.5 36.7 55.1

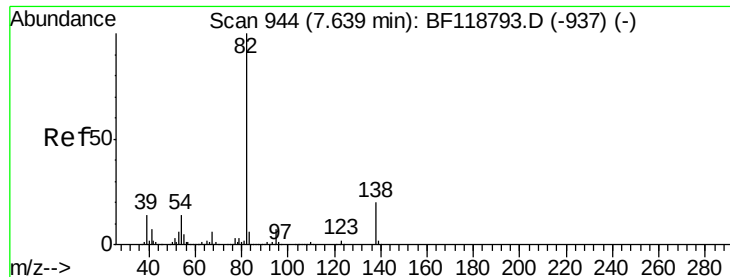


#24  
 Nitrobenzene  
 Concen: 41.049 ng  
 RT: 7.39 min Scan# 902  
 Delta R.T. -0.01 min  
 Lab File: BF118801.D  
 Acq: 4 Feb 2020 14:59

Tgt Ion: 77 Resp: 748528  
 Ion Ratio Lower Upper  
 77 100  
 123 49.5 39.0 58.4  
 65 13.2 10.6 15.8







#25

Isophorone

Concen: 41.906 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampleId :

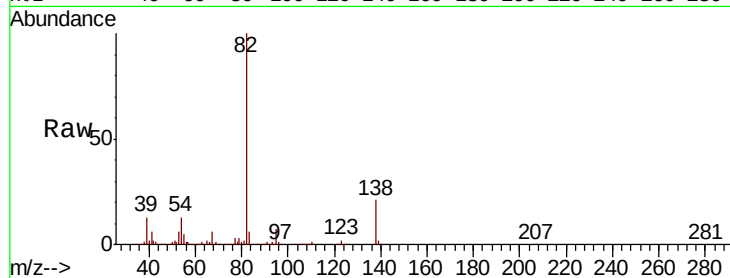
Tot Ion: 82 Resp: 1374734

Ion Ratio Lower Upper

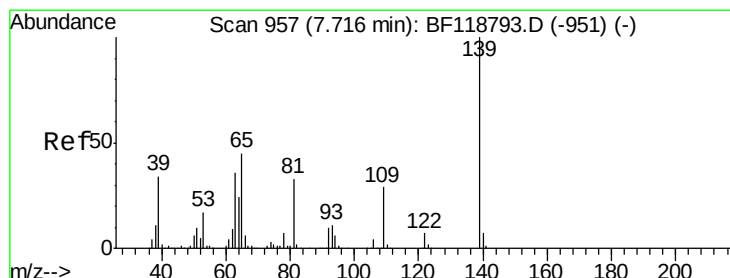
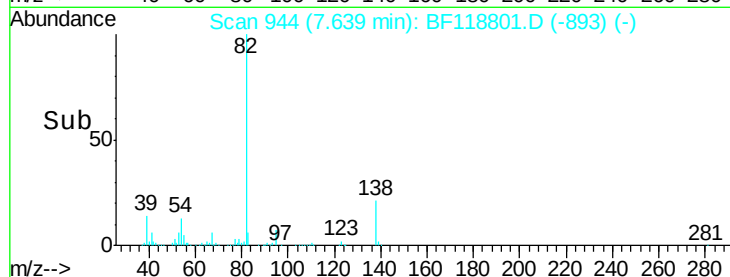
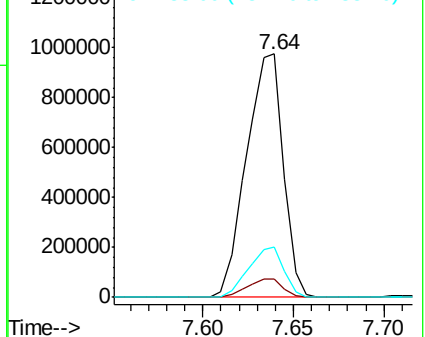
82 100

95 7.4 6.0 9.0

138 20.5 15.7 23.5



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: 42.206 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

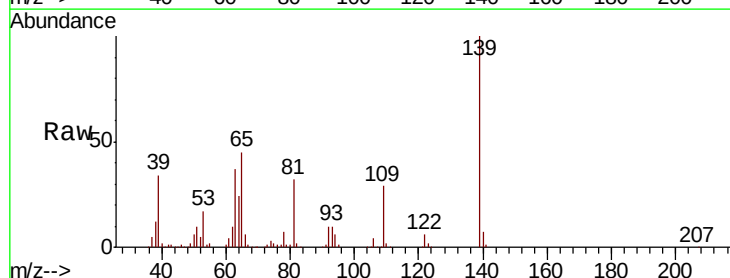
Tgt Ion:139 Resp: 410102

Ion Ratio Lower Upper

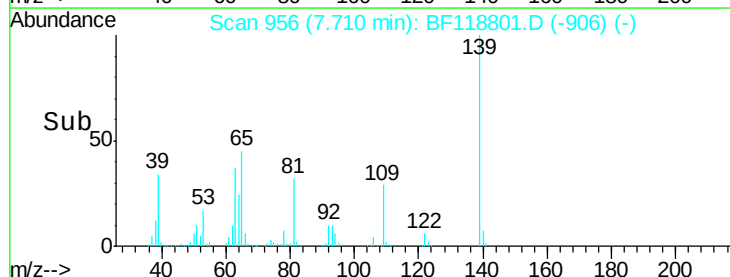
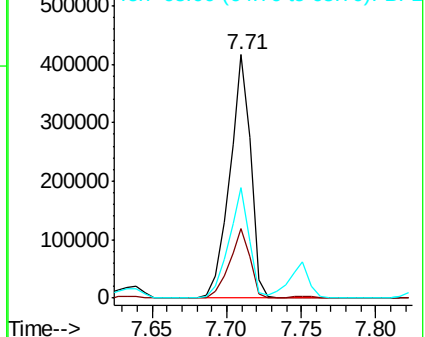
139 100

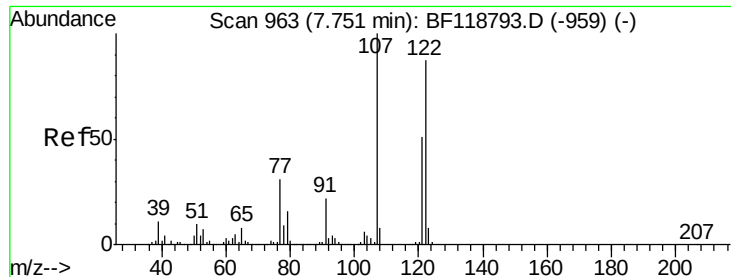
109 28.8 23.4 35.0

65 45.5 36.2 54.2



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





#27

2,4-Dimethylphenol

Concen: 48.639 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampleId :

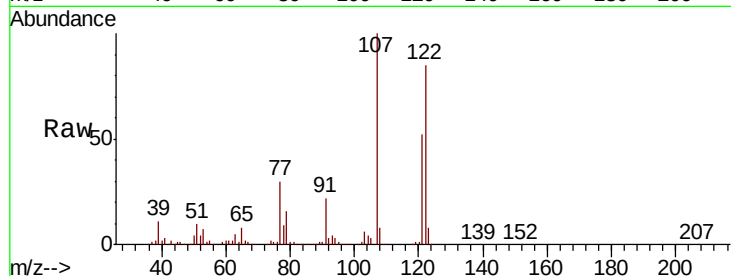
Tot Ion:122 Resp: 641994

Ion Ratio Lower Upper

122 100

107 117.4 92.2 138.2

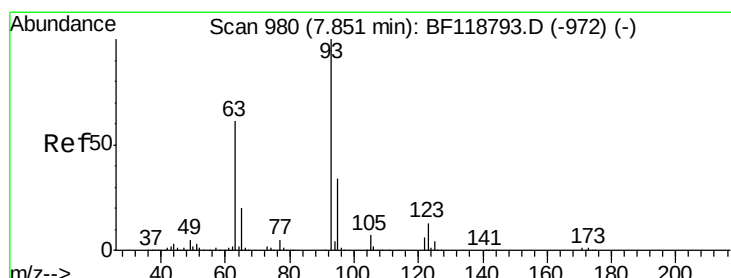
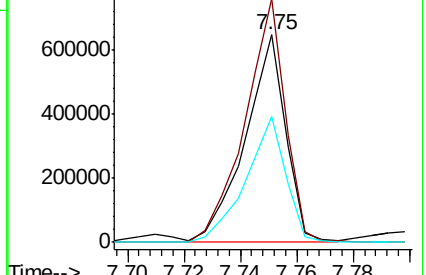
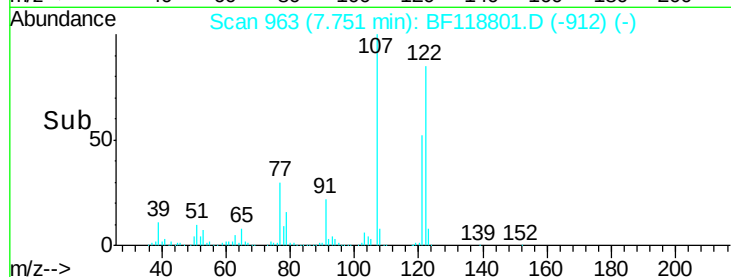
121 60.8 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.562 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

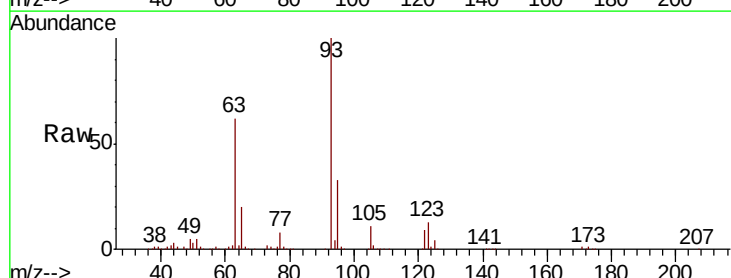
Tgt Ion: 93 Resp: 841566

Ion Ratio Lower Upper

93 100

95 33.0 27.0 40.4

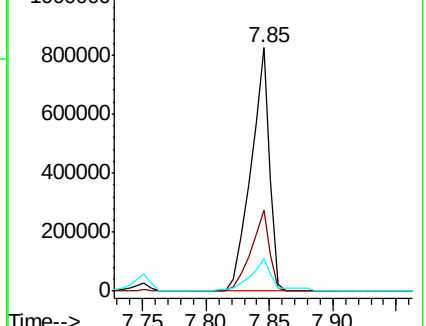
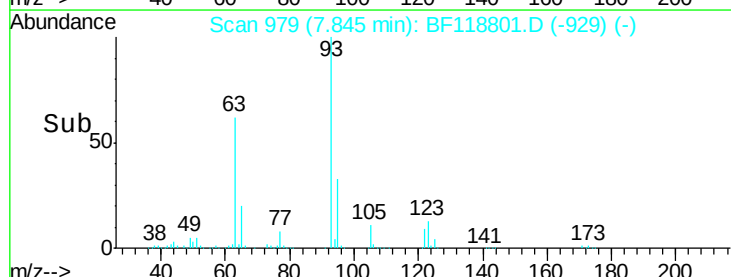
123 13.5 10.6 15.8

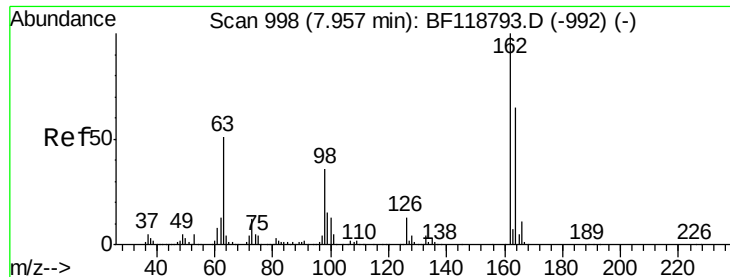


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

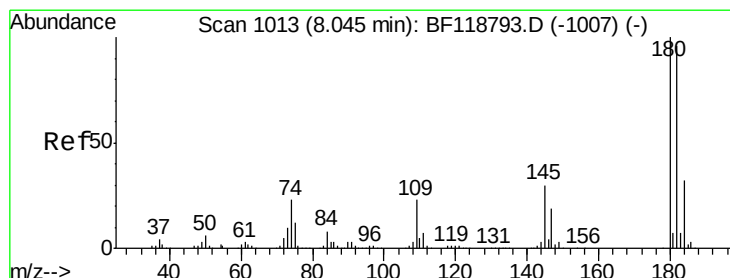
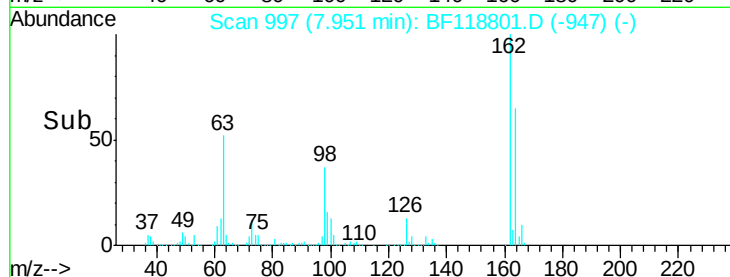
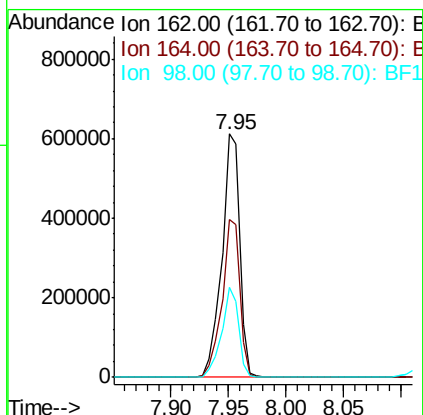
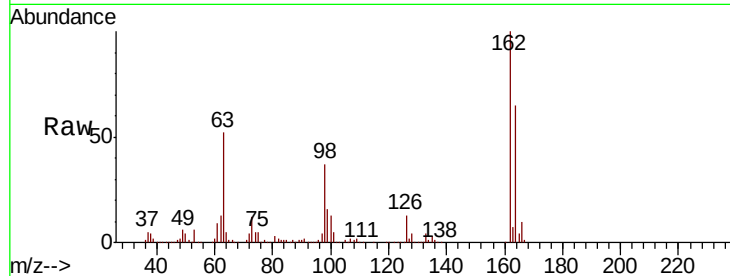




#29  
2,4-Dichlorophenol  
Concen: 41.721 ng  
RT: 7.95 min Scan# 997  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

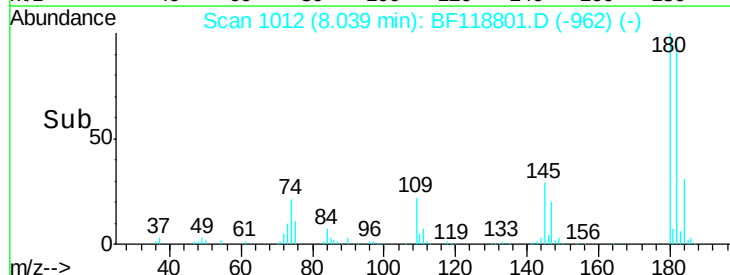
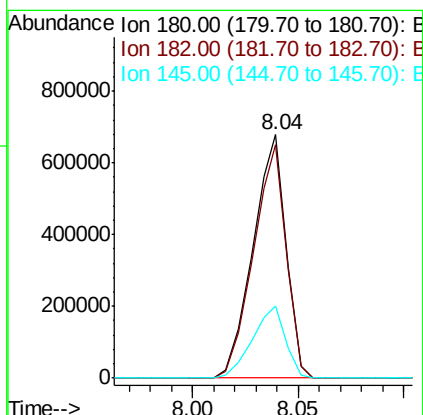
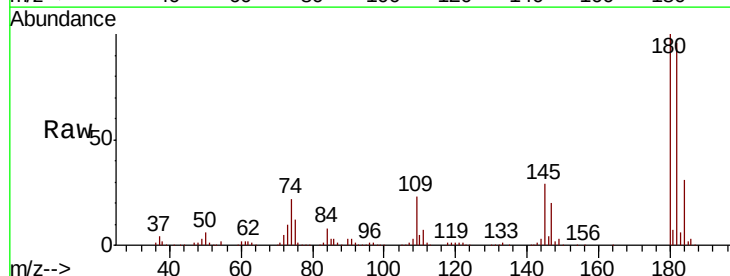
Instrument :  
BNA\_F  
ClientSampleId :

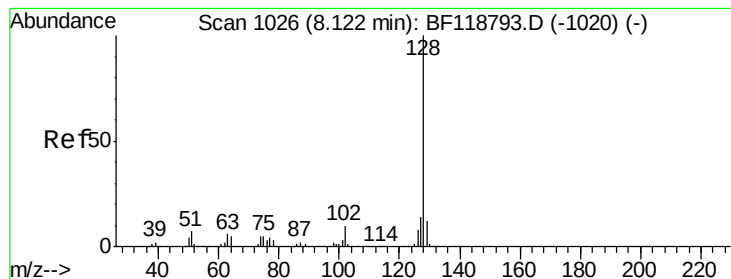
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.9  | 44.8  | 84.8  |
| 98      | 37.1  | 16.4  | 56.4  |



#30  
1,2,4-Trichlorobenzene  
Concen: 39.567 ng  
RT: 8.04 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.8  | 76.6  | 115.0 |
| 145     | 29.4  | 24.0  | 36.0  |





#31

Naphthalene

Concen: 41.785 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampled :

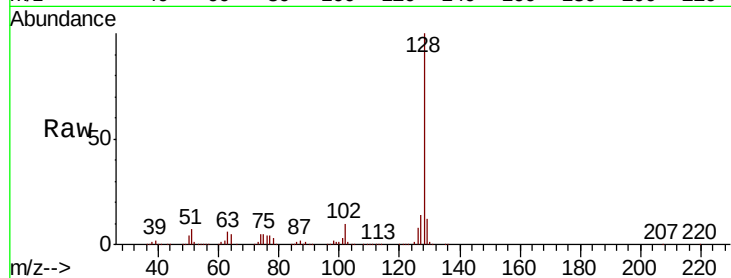
Tot Ion:128 Resp: 2079216

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

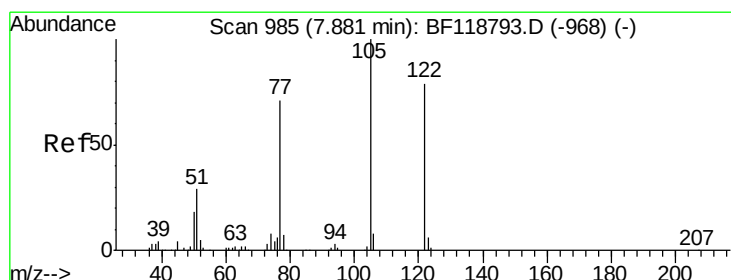
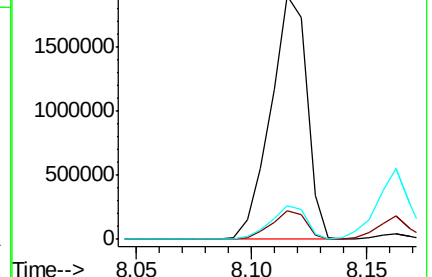
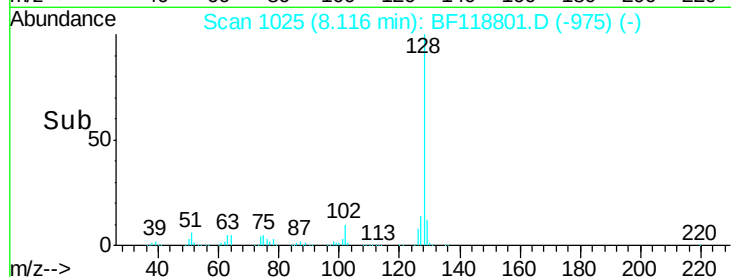
127 13.8 11.3 16.9



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: 41.441 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

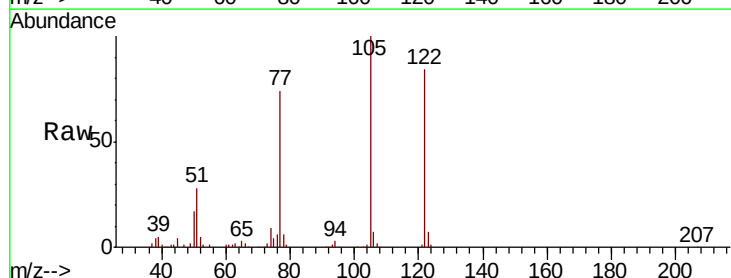
Tgt Ion:122 Resp: 452880

Ion Ratio Lower Upper

122 100

105 119.0 104.4 144.4

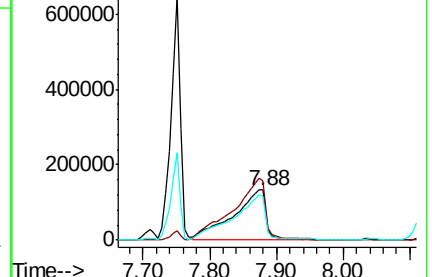
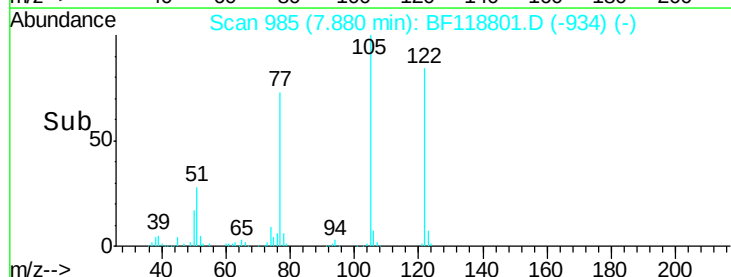
77 87.6 69.3 109.3

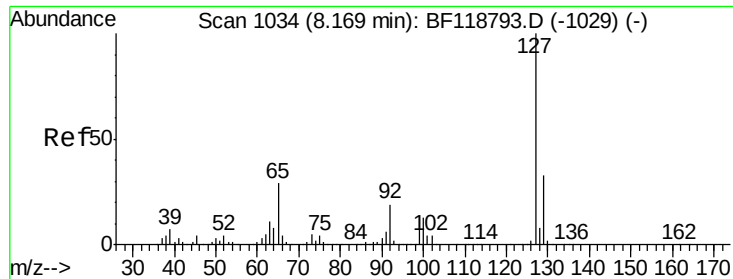


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

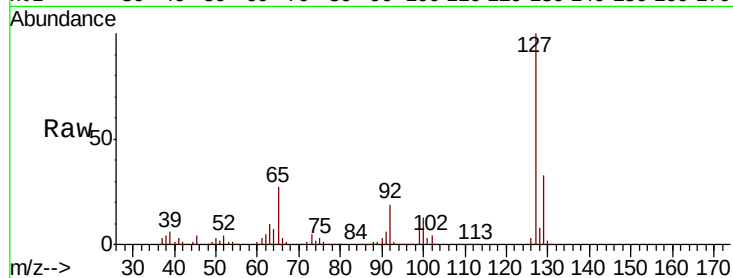




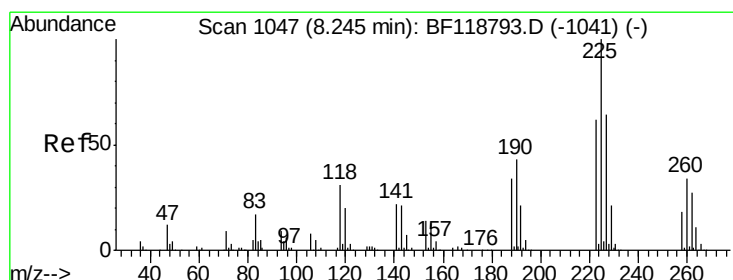
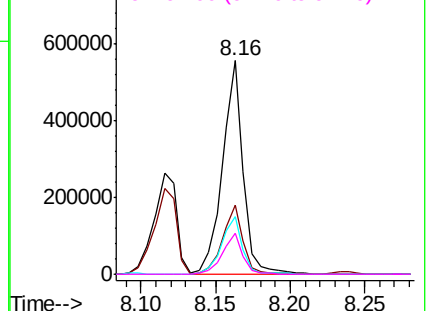
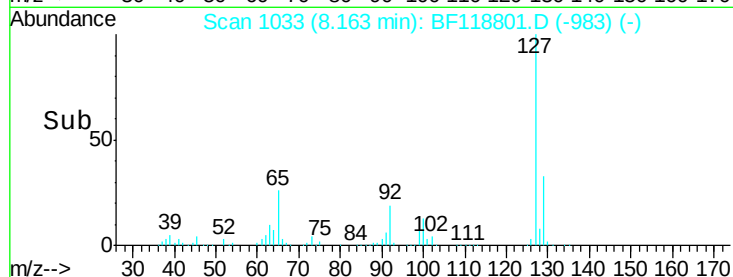
#33  
4-Chloroaniline  
Concen: 24.418 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 543601 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 26.7  | 40.1   |
| 65       | 26.7  | 22.9  | 34.3   |
| 92       | 18.9  | 15.4  | 23.0   |

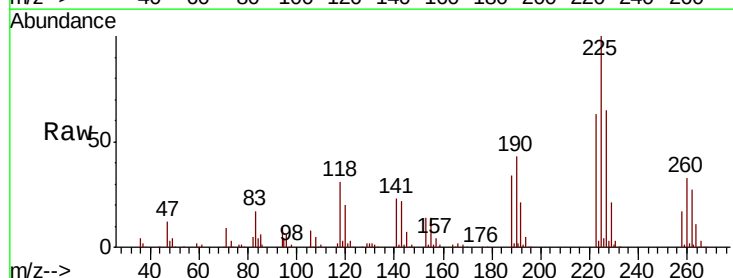


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

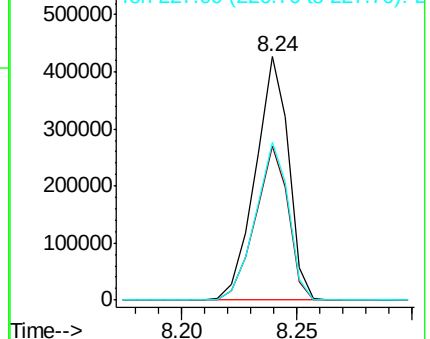
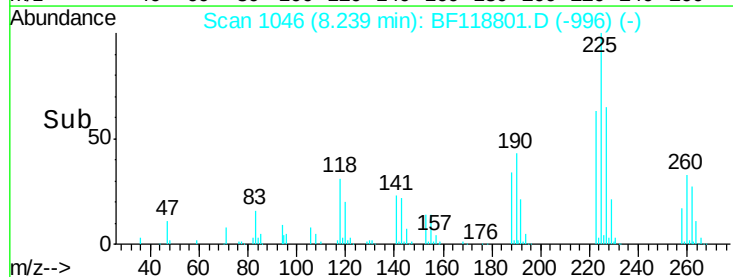


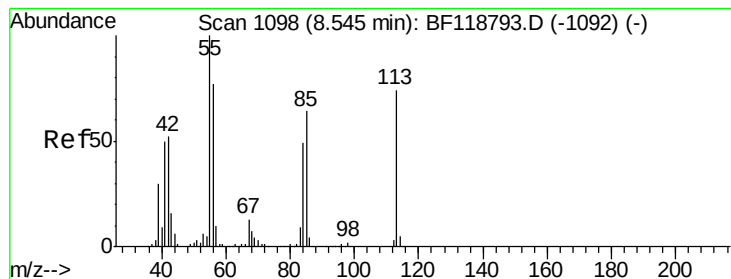
#34  
Hexachlorobutadiene  
Concen: 37.755 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 427368 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 49.8  | 74.8   |
| 227      | 65.1  | 51.0  | 76.4   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.118 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampleId :

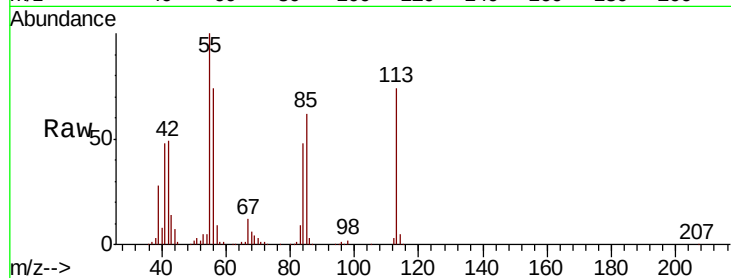
Tot Ion:113 Resp: 123589

Ion Ratio Lower Upper

113 100

55 135.8 115.5 155.5

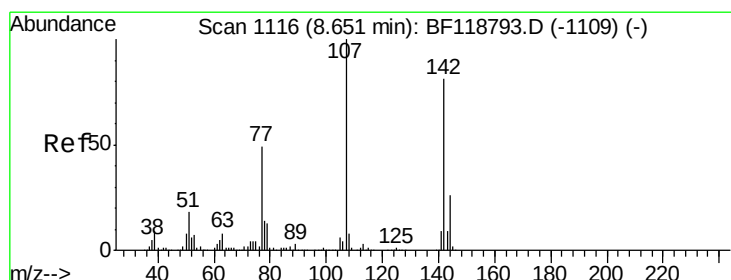
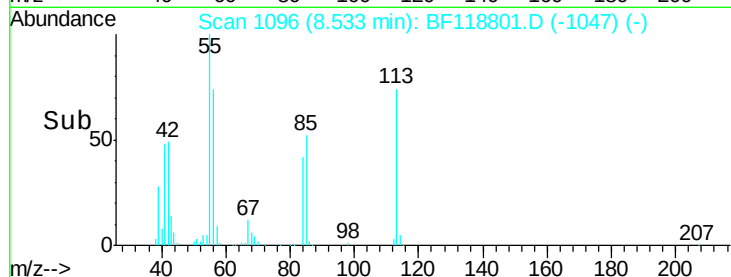
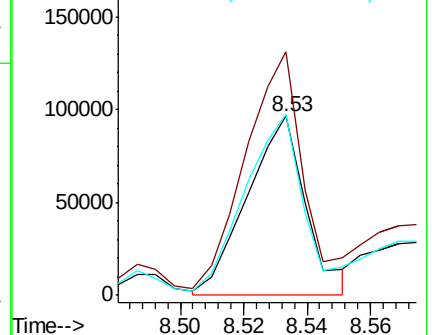
56 100.6 83.7 123.7



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: 42.375 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

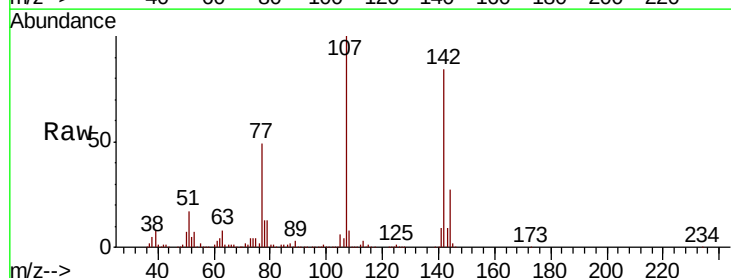
Tgt Ion:107 Resp: 674086

Ion Ratio Lower Upper

107 100

144 27.4 21.0 31.6

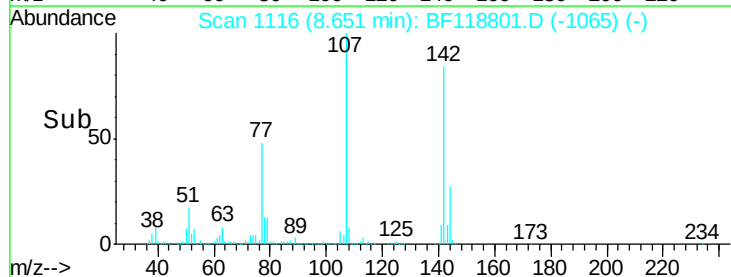
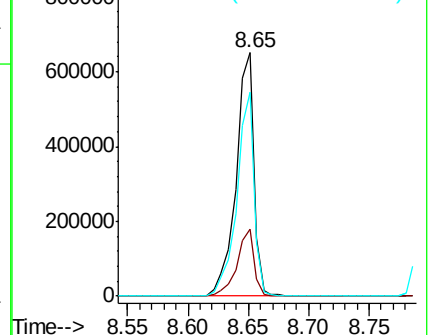
142 83.9 64.8 97.2

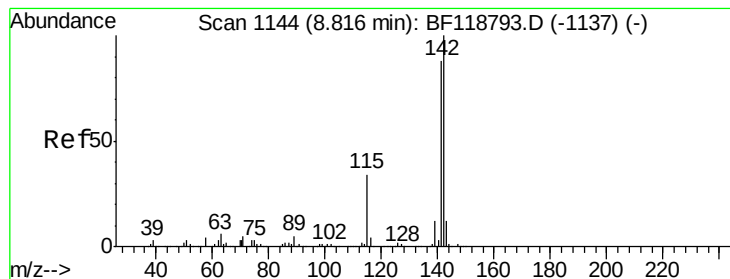


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.694 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampleId :

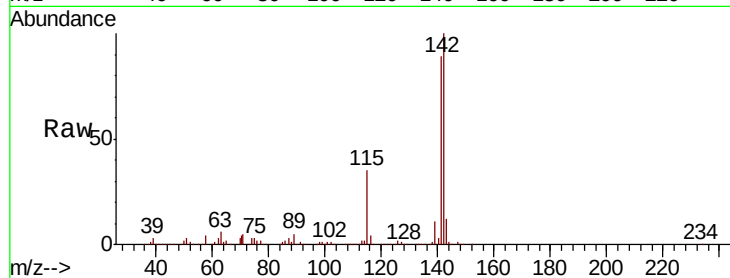
Tot Ion:142 Resp: 1473408

Ion Ratio Lower Upper

142 100

141 89.3 70.1 105.1

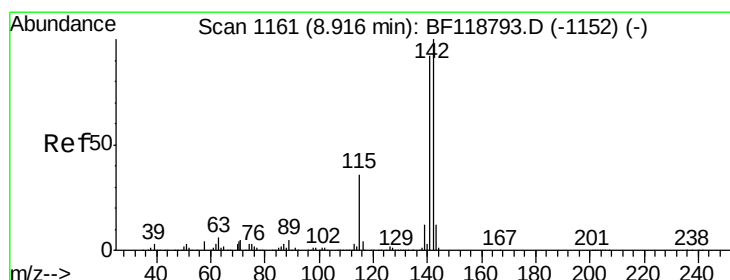
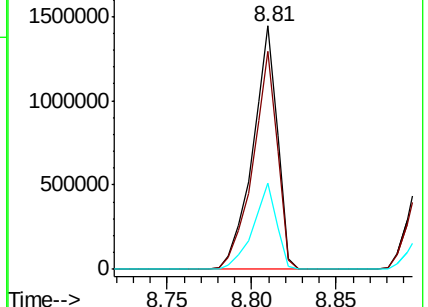
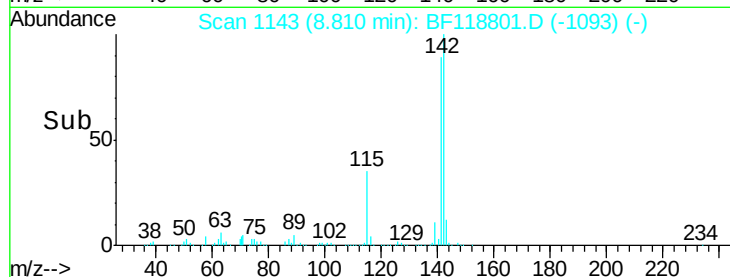
115 35.2 27.3 40.9



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: 42.592 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

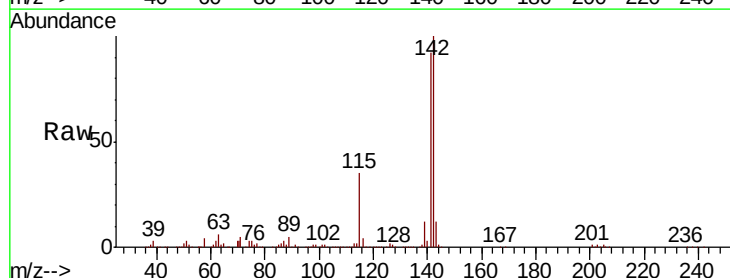
Tgt Ion:142 Resp: 1382736

Ion Ratio Lower Upper

142 100

141 92.0 73.8 110.6

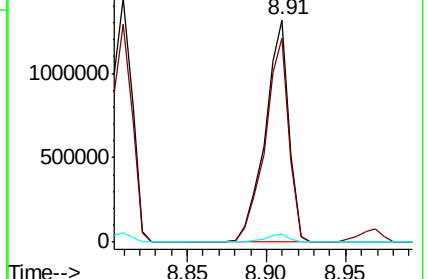
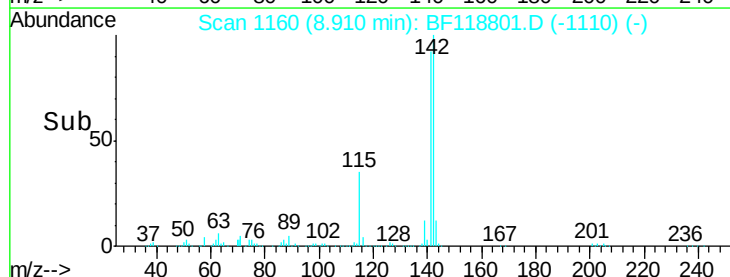
116 3.8 3.0 4.4

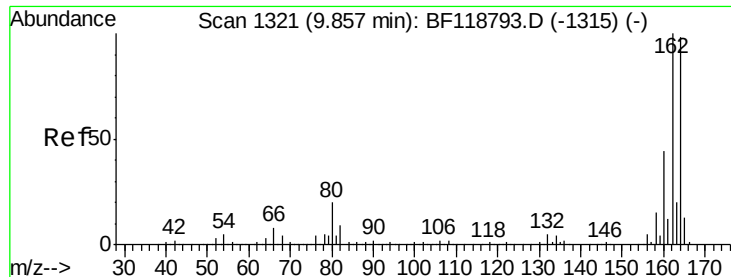


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampleId :

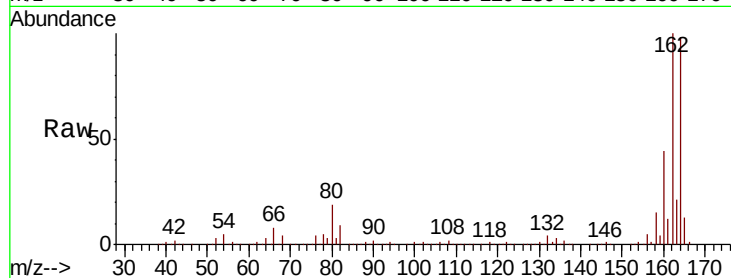
Tot Ion:164 Resp: 640793

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.2

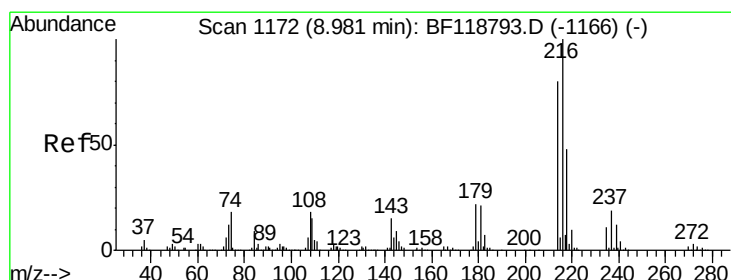
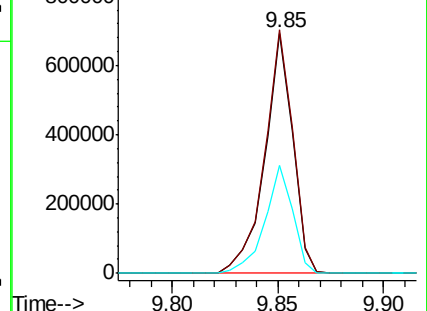
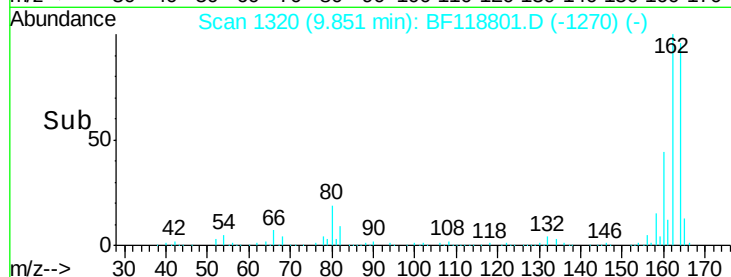
160 44.9 35.6 53.4



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: 37.172 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Tgt Ion:216 Resp: 718896

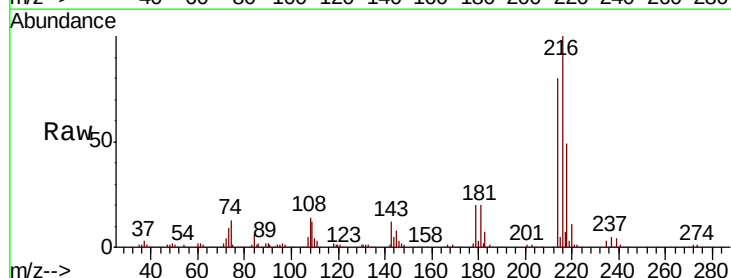
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 20.8 17.0 25.6

108 18.1 13.5 20.3

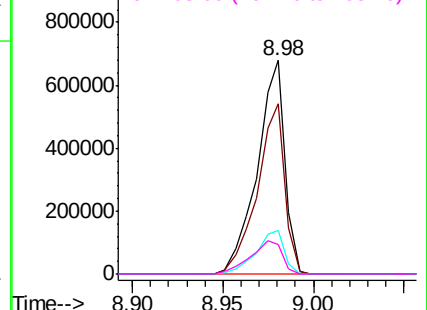
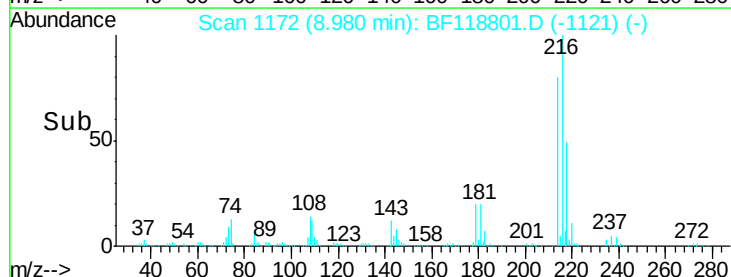


Abundance Ion 216.00 (215.70 to 216.70): E

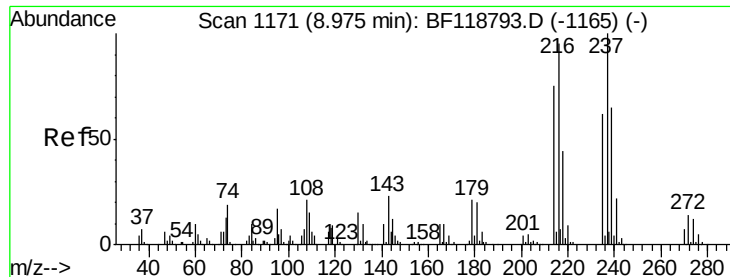
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 90.692 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampleId :

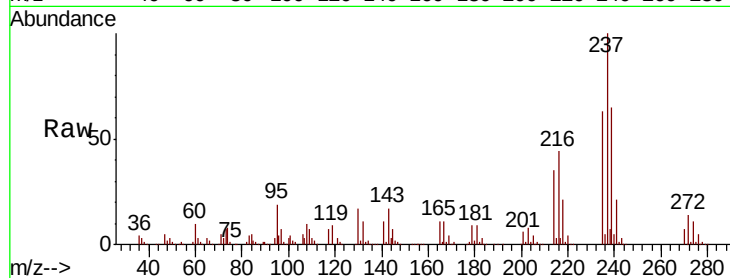
Tot Ion:237 Resp: 687748

Ion Ratio Lower Upper

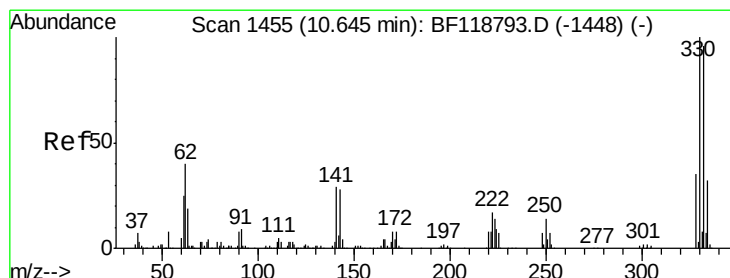
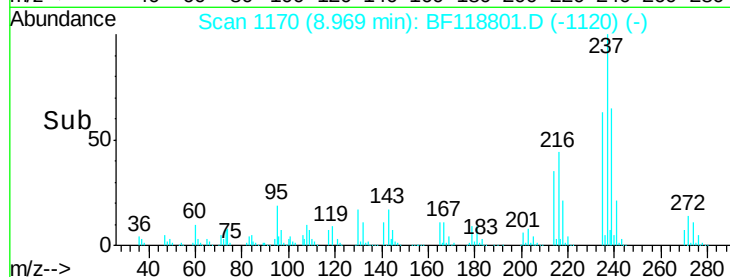
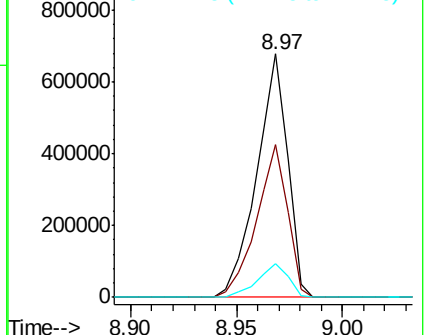
237 100

235 63.0 42.1 82.1

272 14.0 0.0 34.4



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: 110.340 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

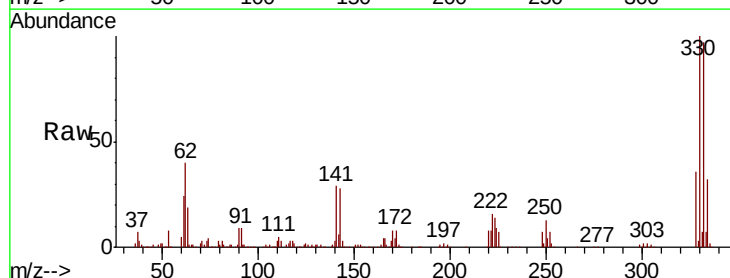
Tgt Ion:330 Resp: 846003

Ion Ratio Lower Upper

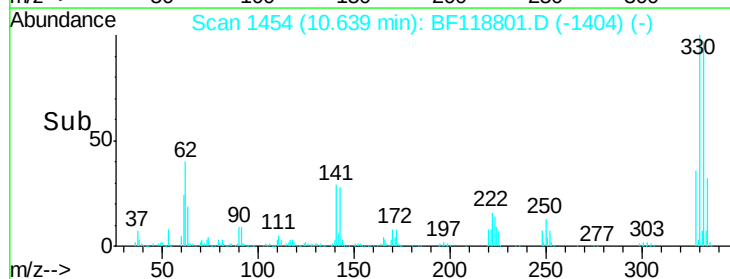
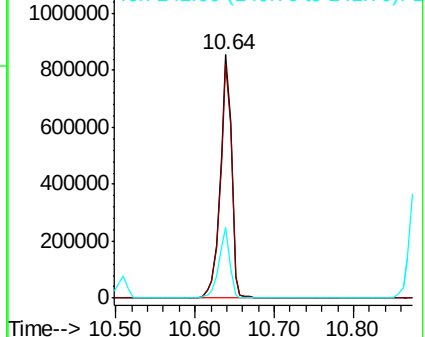
330 100

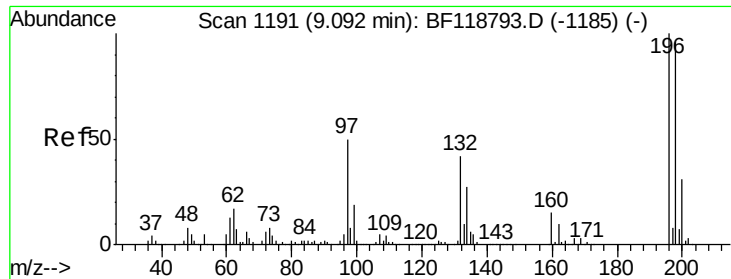
332 96.6 77.3 115.9

141 28.2 22.4 33.6



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

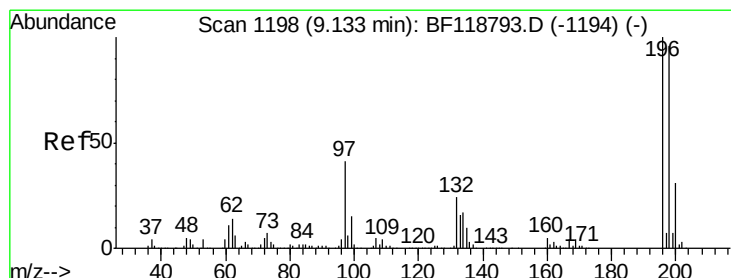
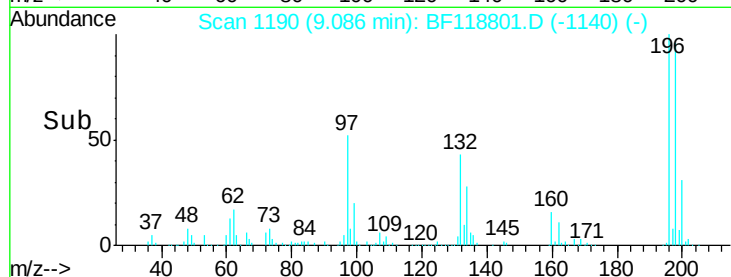
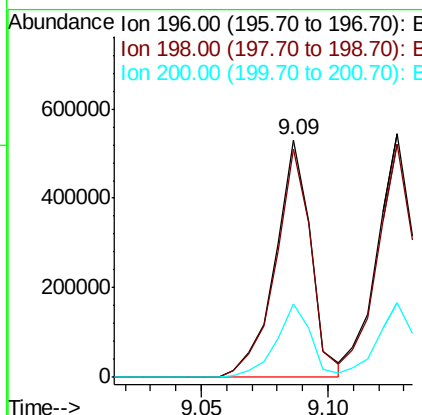
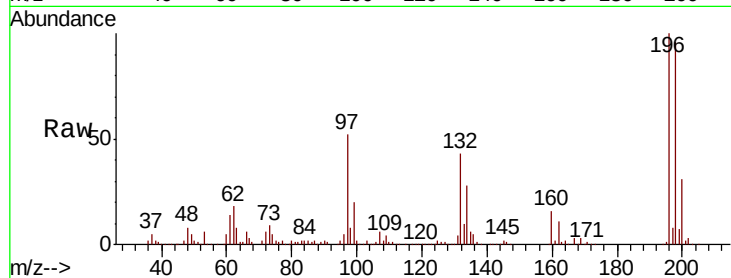




#43  
 2,4,6-Trichlorophenol  
 Concen: 39.644 ng  
 RT: 9.09 min Scan# 1190  
 Delta R.T. -0.01 min  
 Lab File: BF118801.D  
 Acq: 4 Feb 2020 14:59

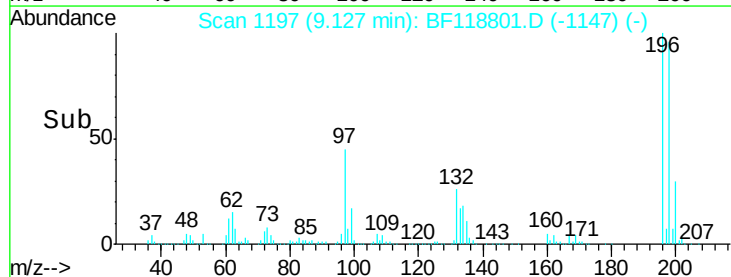
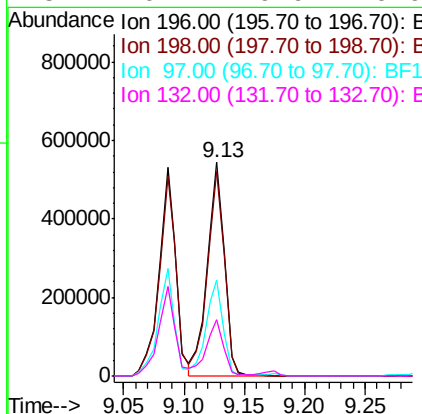
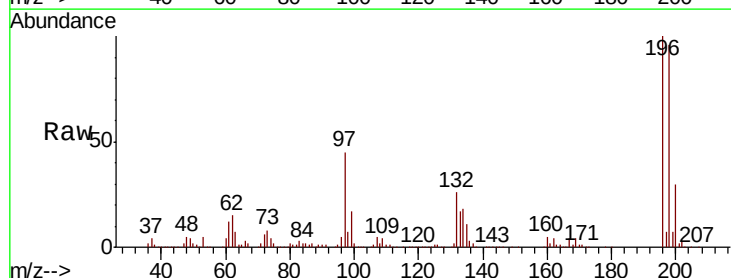
Instrument :  
 BNA\_F  
 ClientSampled :

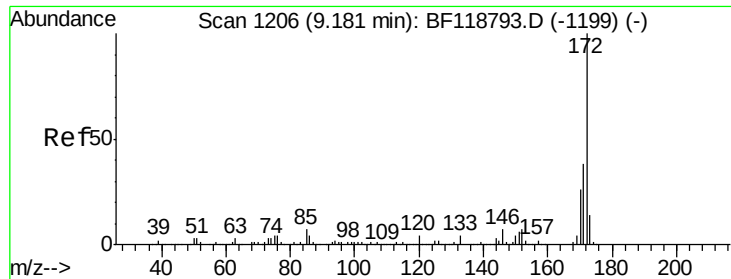
Tot Ion:196 Resp: 512701  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 76.7 115.1  
 200 30.7 24.9 37.3



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.358 ng  
 RT: 9.13 min Scan# 1197  
 Delta R.T. -0.01 min  
 Lab File: BF118801.D  
 Acq: 4 Feb 2020 14:59

Tgt Ion:196 Resp: 533297  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 77.0 115.4  
 97 45.1 32.9 49.3  
 132 26.4 19.9 29.9

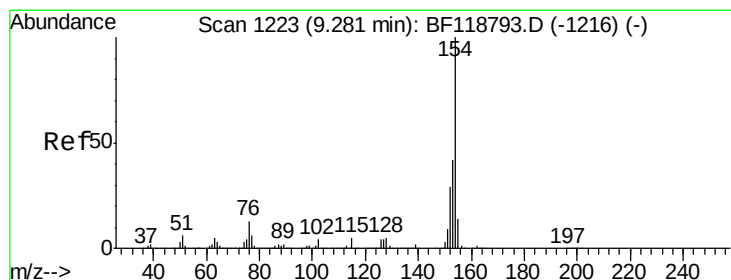
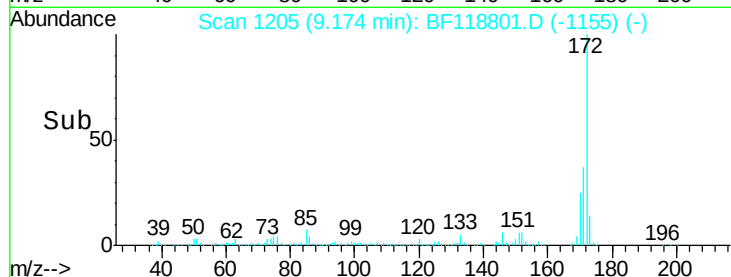
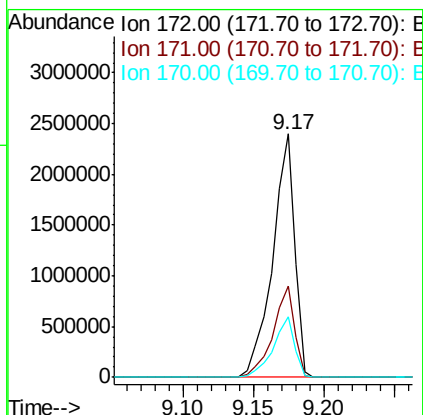
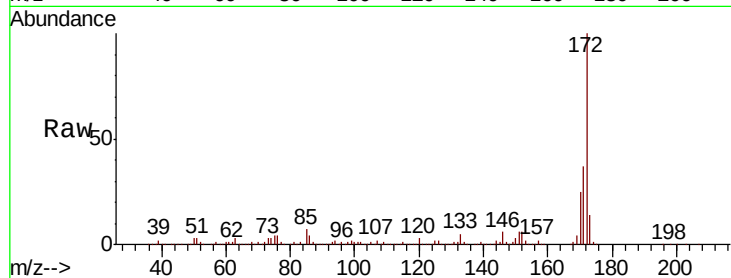




#45  
2-Fluorobiphenyl  
Concen: 73.115 ng  
RT: 9.17 min Scan# 1205  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

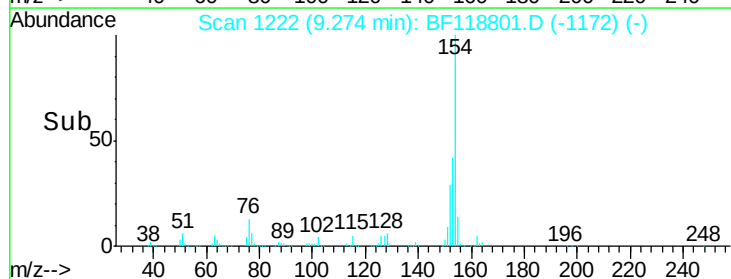
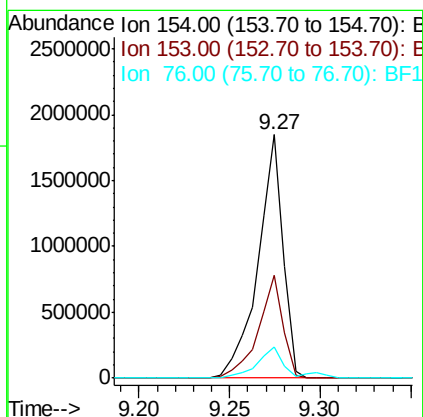
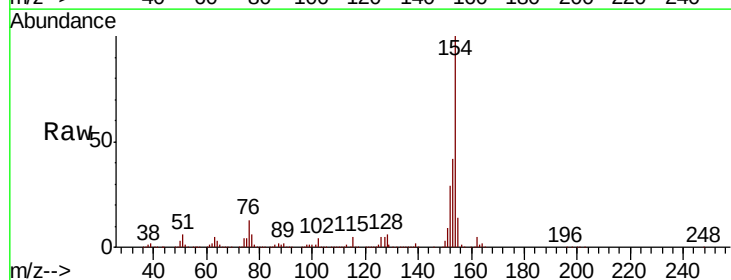
Instrument :  
BNA\_F  
ClientSampleId :

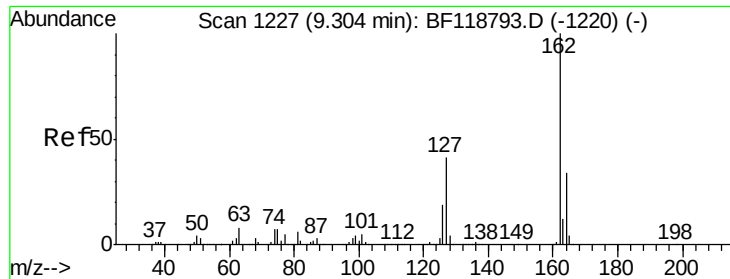
Tot Ion:172 Resp: 2620771  
Ion Ratio Lower Upper  
172 100  
171 37.3 30.8 46.2  
170 24.8 20.5 30.7



#46  
1,1'-Biphenyl  
Concen: 39.988 ng  
RT: 9.27 min Scan# 1222  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Tgt Ion:154 Resp: 1772526  
Ion Ratio Lower Upper  
154 100  
153 42.3 22.4 62.4  
76 12.8 0.0 32.7

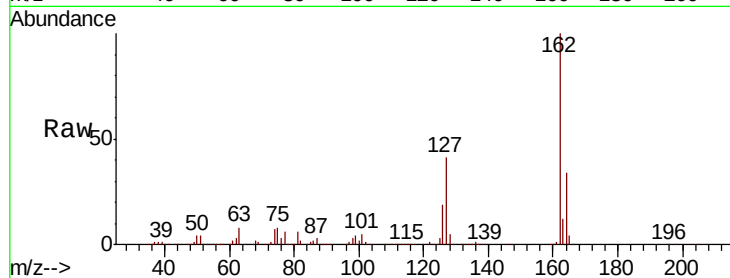




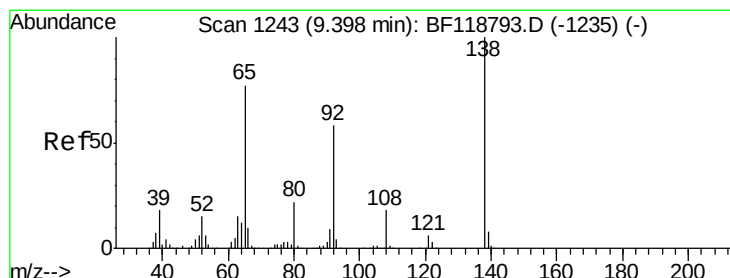
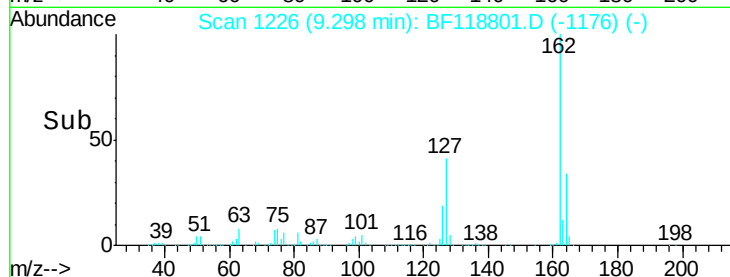
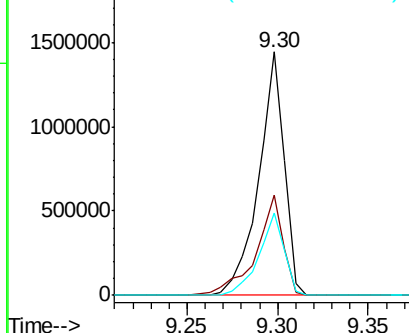
#47  
2-Chloronaphthalene  
Concen: 38.329 ng  
RT: 9.30 min Scan# 1226  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:162 Resp: 1412430  
Ion Ratio Lower Upper  
162 100  
127 41.3 33.3 49.9  
164 33.9 27.1 40.7

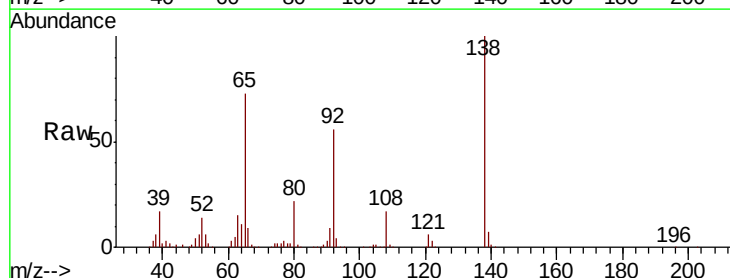


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

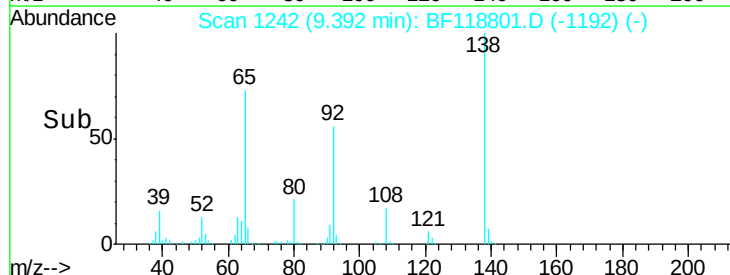
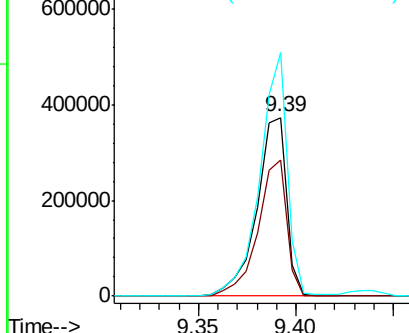


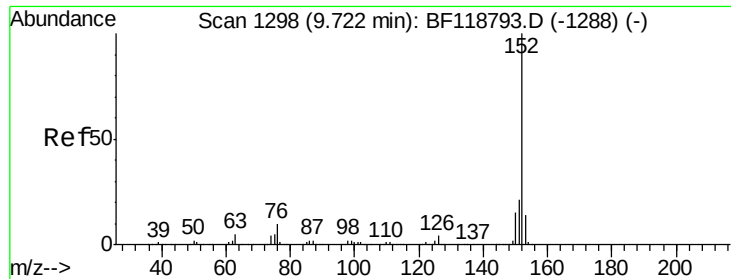
#48  
2-Nitroaniline  
Concen: 37.306 ng  
RT: 9.39 min Scan# 1242  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Tgt Ion: 65 Resp: 396501  
Ion Ratio Lower Upper  
65 100  
92 75.9 60.6 91.0  
138 136.1 104.6 156.8



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: 42.086 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampleId :

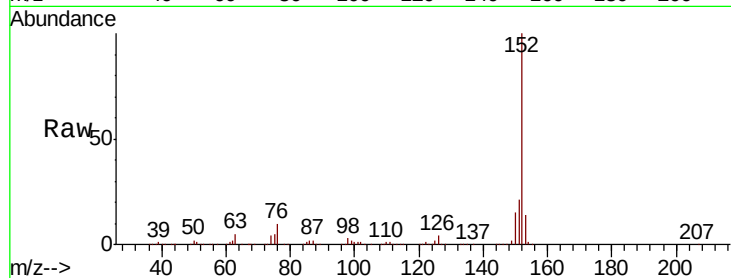
Tot Ion:152 Resp: 2239269

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

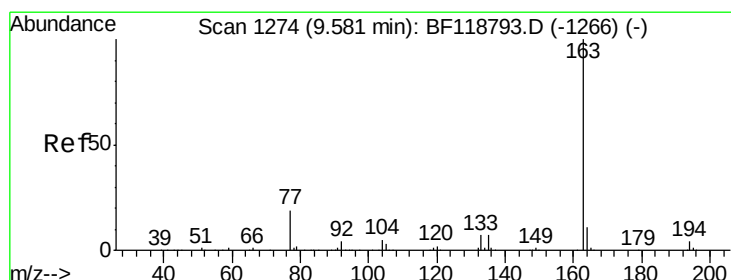
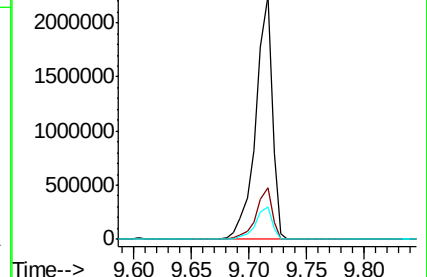
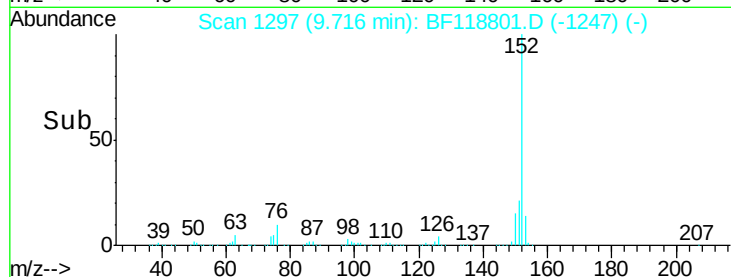
153 13.6 11.0 16.4



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: 39.261 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

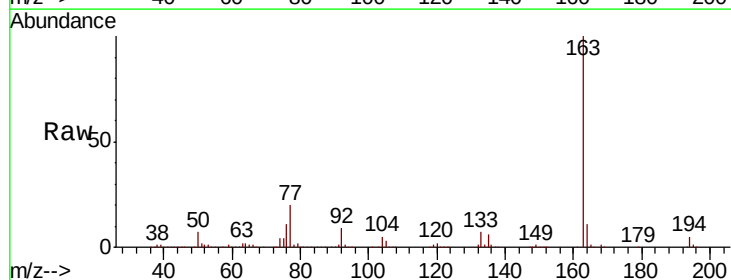
Tgt Ion:163 Resp: 1713055

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

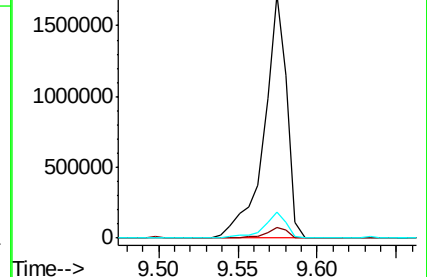
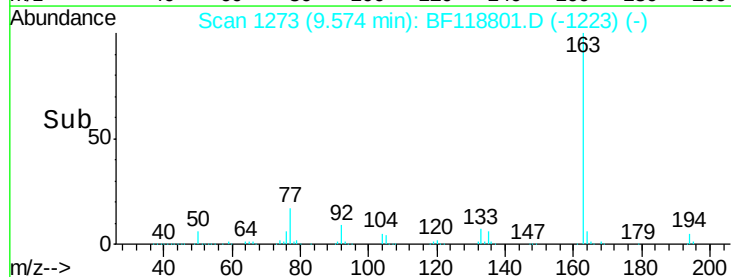
164 10.6 8.7 13.1

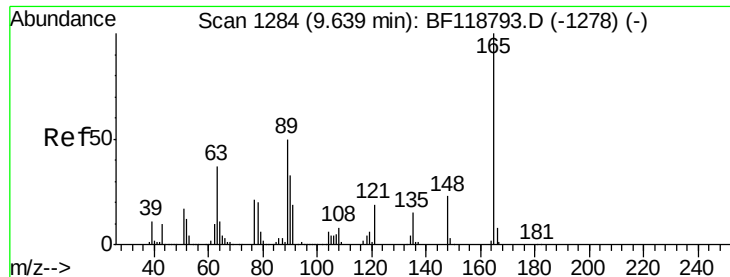


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.533 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampleId :

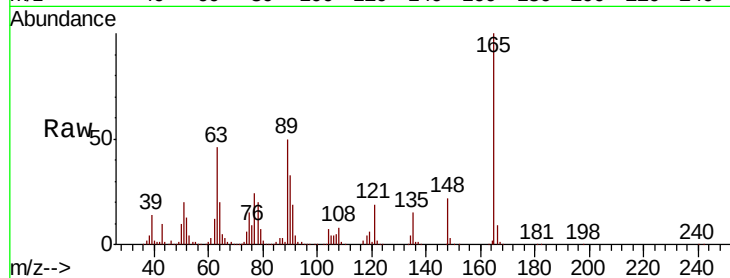
Tot Ion:165 Resp: 404656

Ion Ratio Lower Upper

165 100

63 46.1 37.4 56.0

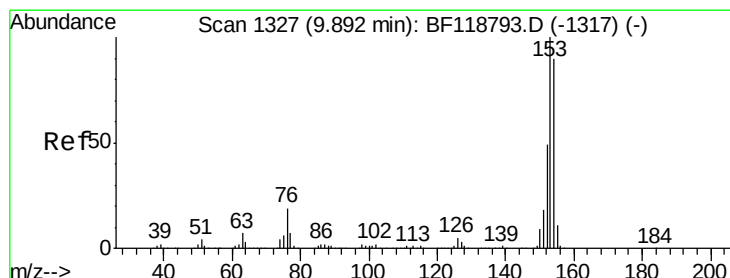
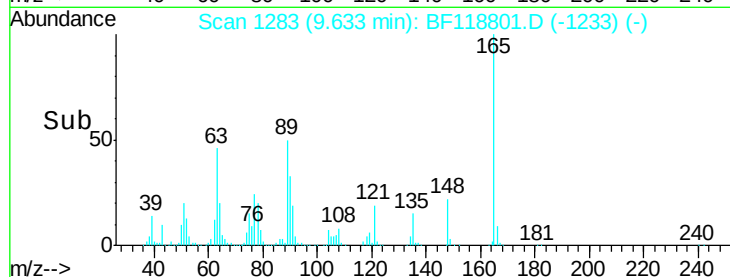
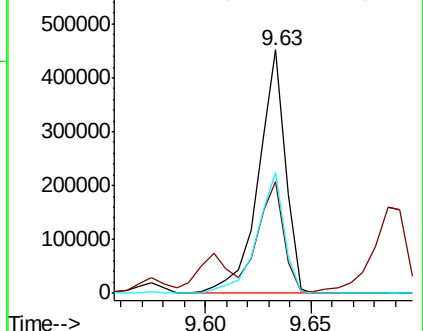
89 49.6 39.7 59.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 44.189 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

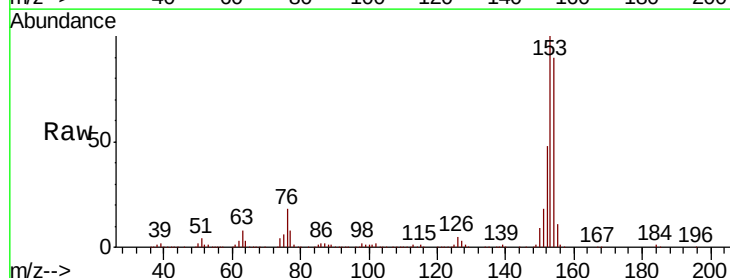
Tgt Ion:154 Resp: 1549324

Ion Ratio Lower Upper

154 100

153 110.6 89.4 134.0

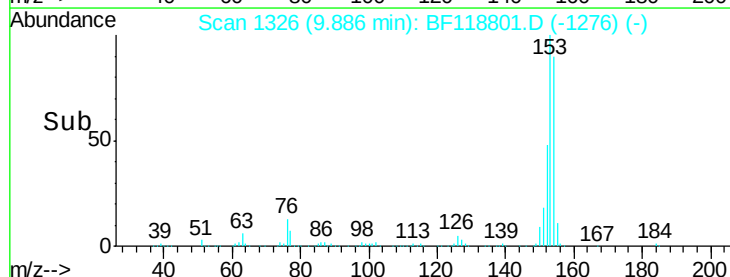
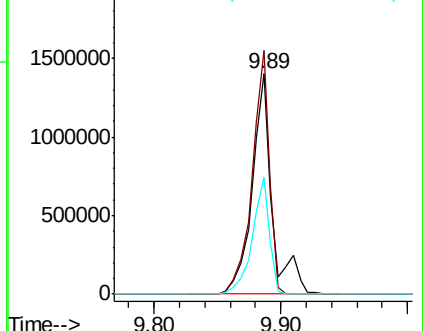
152 53.4 43.6 65.4

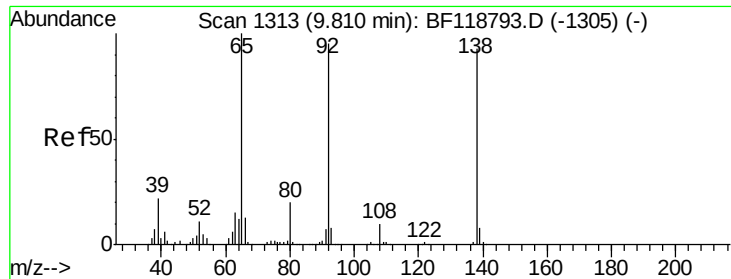


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

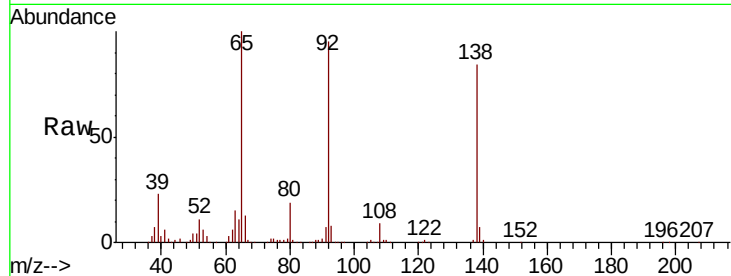




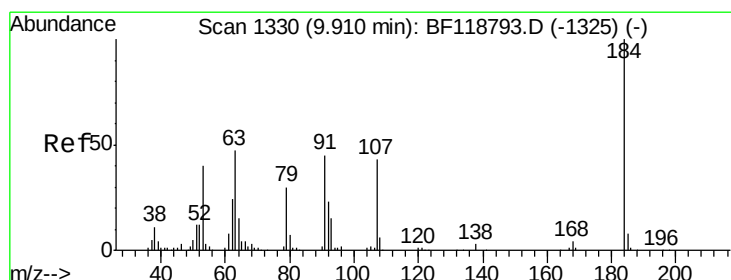
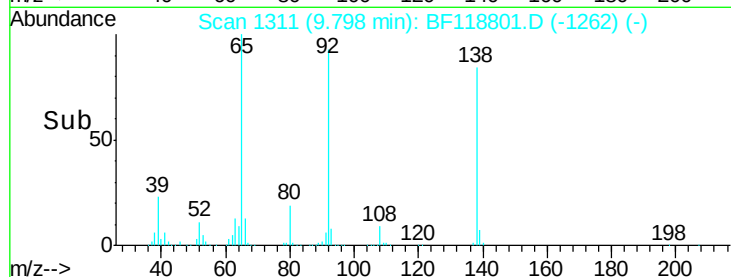
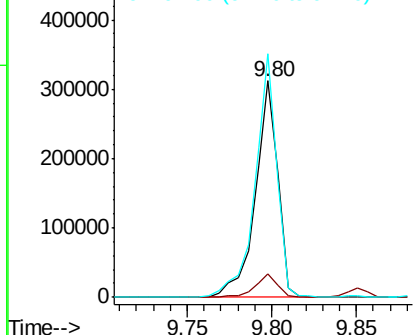
#53  
 3-Nitroaniline  
 Concen: 26.260 ng  
 RT: 9.80 min Scan# 1311  
 Delta R.T. -0.01 min  
 Lab File: BF118801.D  
 Acq: 4 Feb 2020 14:59

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:138 Resp: 290744  
 Ion Ratio Lower Upper  
 138 100  
 108 11.1 8.5 12.7  
 92 112.6 82.2 123.4

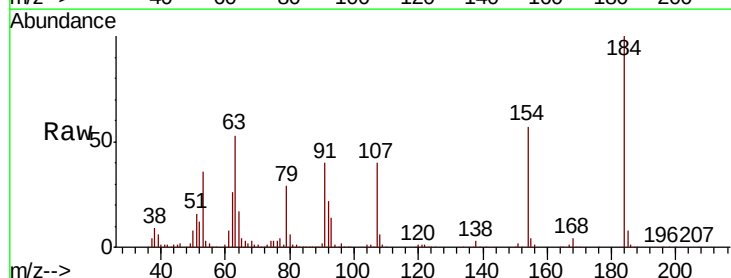


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BF1

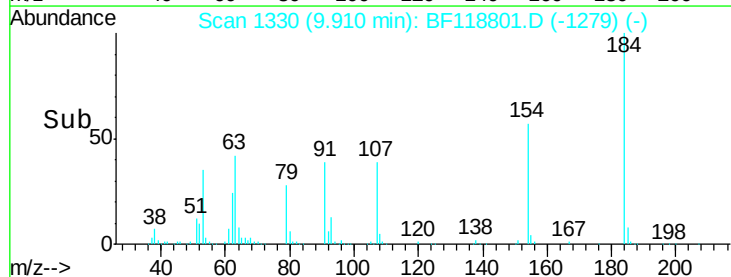
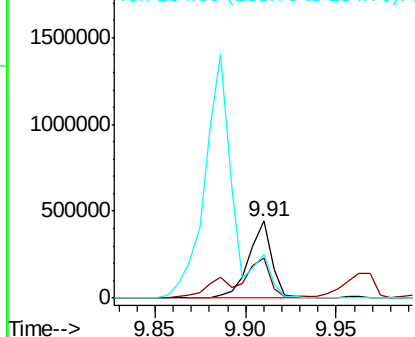


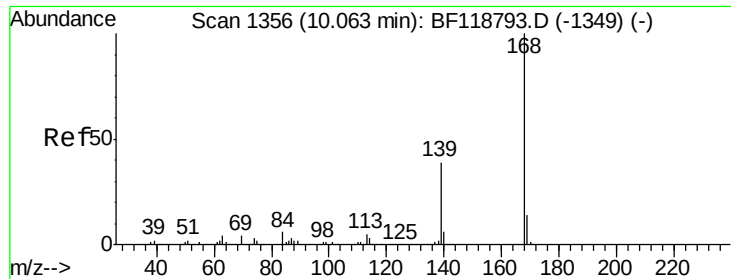
#54  
 2,4-Dinitrophenol  
 Concen: 83.614 ng  
 RT: 9.91 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: BF118801.D  
 Acq: 4 Feb 2020 14:59

Tgt Ion:184 Resp: 401299  
 Ion Ratio Lower Upper  
 184 100  
 63 52.8 47.5 71.3  
 154 56.7 48.6 72.8



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

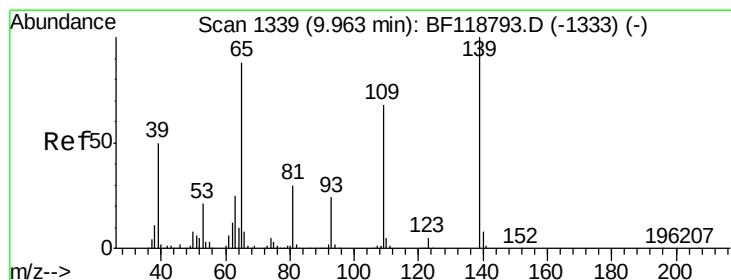
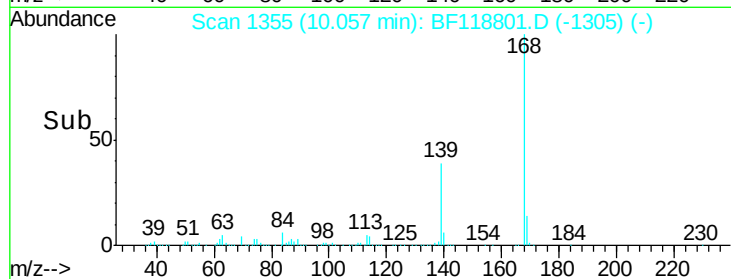
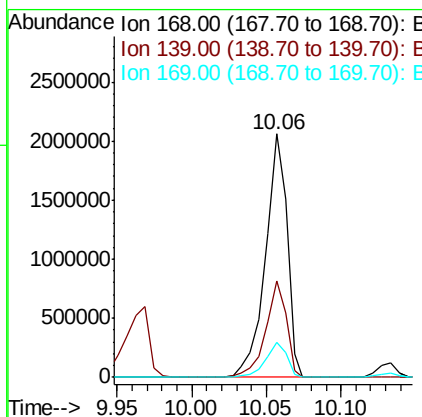
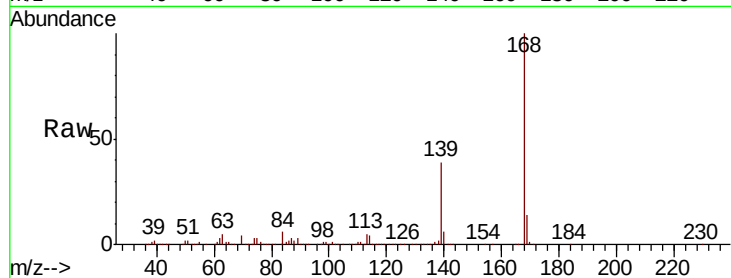




#55  
Dibenzofuran  
Concen: 40.462 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

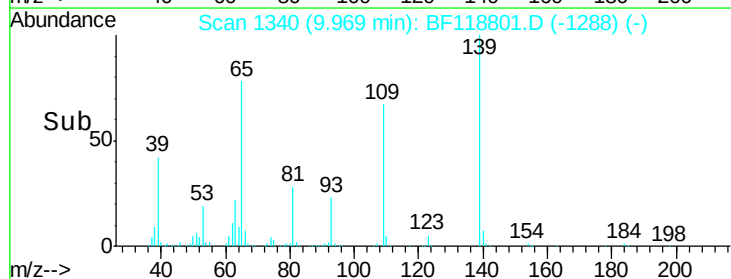
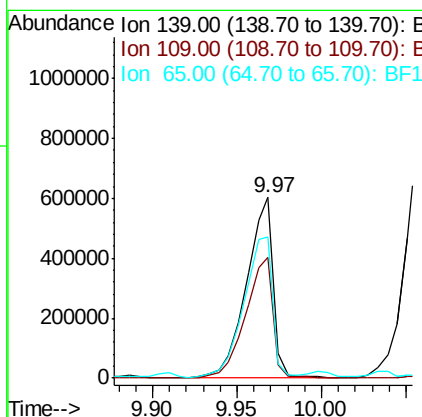
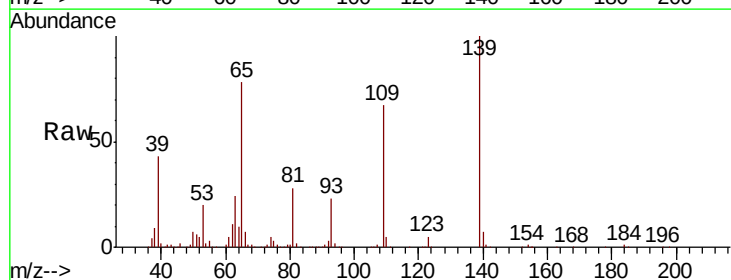
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 2050197  
Ion Ratio Lower Upper  
168 100  
139 39.4 31.6 47.4  
169 14.2 11.4 17.2

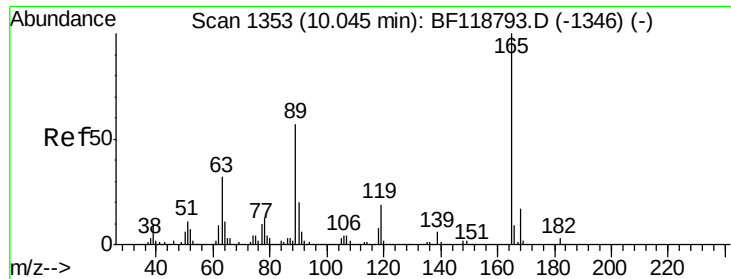


#56  
4-Nitrophenol  
Concen: 83.219 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. 0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Tgt Ion:139 Resp: 666852  
Ion Ratio Lower Upper  
139 100  
109 67.2 48.0 88.0  
65 78.3 68.3 108.3



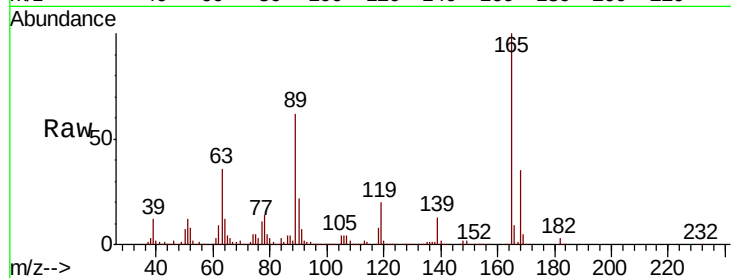




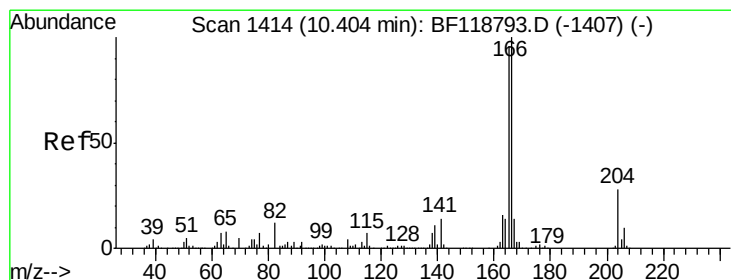
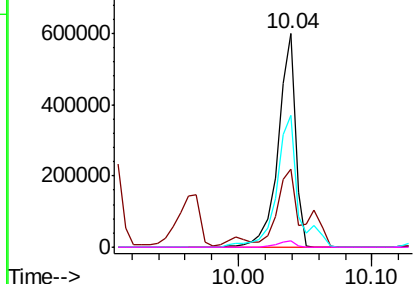
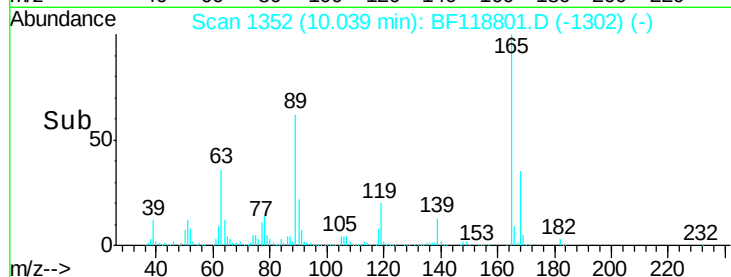
#57  
2,4-Dinitrotoluene  
Concen: 41.484 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:165 Resp: 548085  
Ion Ratio Lower Upper  
165 100  
63 36.4 25.5 38.3  
89 61.9 45.4 68.0  
182 3.2 2.4 3.6

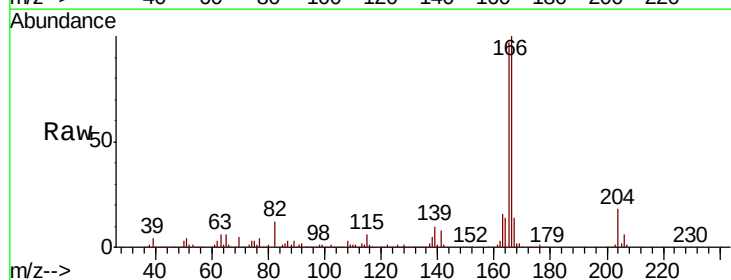


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

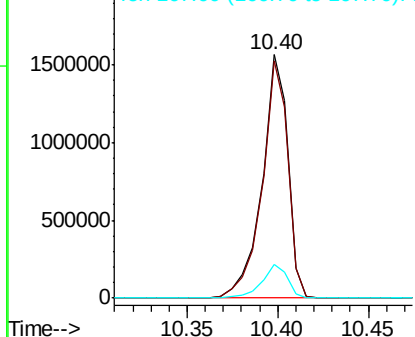
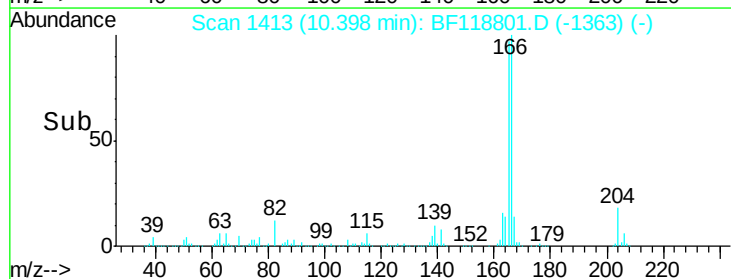


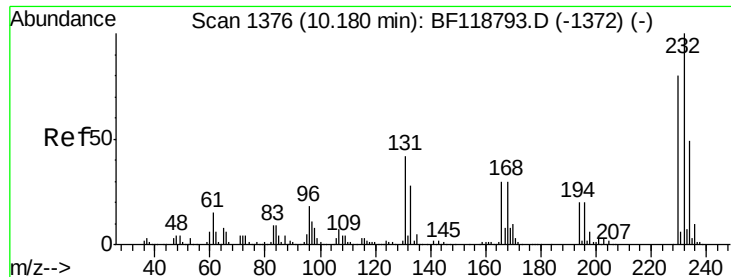
#58  
Fluorene  
Concen: 40.514 ng  
RT: 10.40 min Scan# 1413  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Tgt Ion:166 Resp: 1544358  
Ion Ratio Lower Upper  
166 100  
165 97.3 77.0 115.6  
167 13.9 11.1 16.7



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

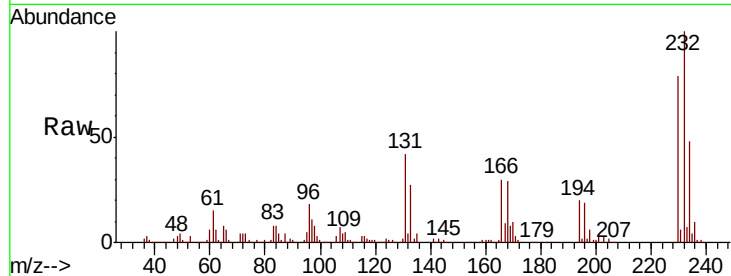




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.647 ng  
 RT: 10.17 min Scan# 1375  
 Delta R.T. -0.01 min  
 Lab File: BF118801.D  
 Acq: 4 Feb 2020 14:59

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 480611 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 40.8  | 31.8  | 47.6   |
| 130      | 1.9   | 1.6   | 2.4    |
| 166      | 28.5  | 23.1  | 34.7   |



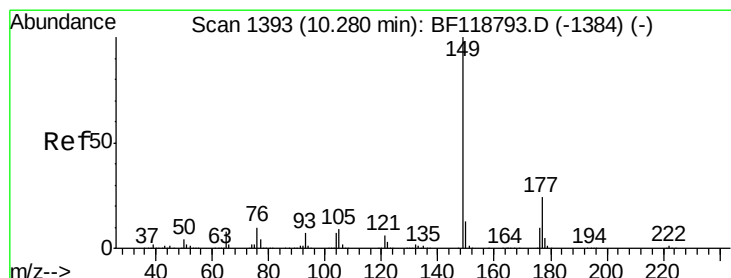
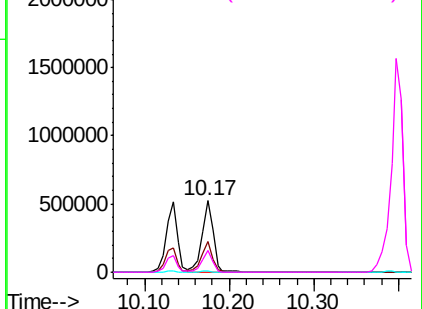
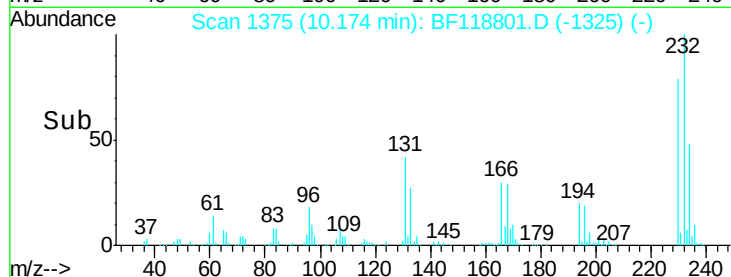
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

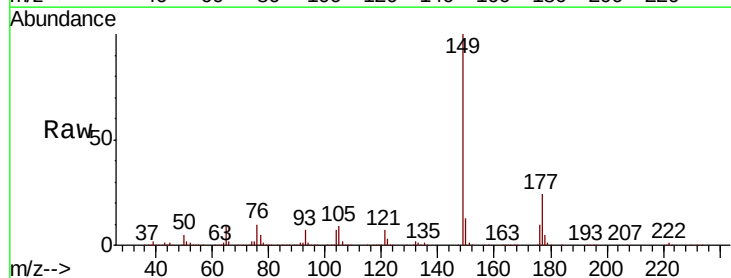
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 40.070 ng  
 RT: 10.27 min Scan# 1392  
 Delta R.T. -0.01 min  
 Lab File: BF118801.D  
 Acq: 4 Feb 2020 14:59

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1700062 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 23.8  | 19.3  | 28.9    |
| 150      | 13.1  | 10.4  | 15.6    |

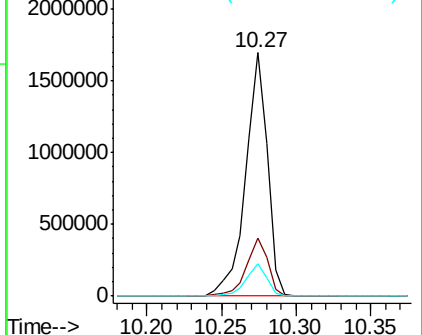
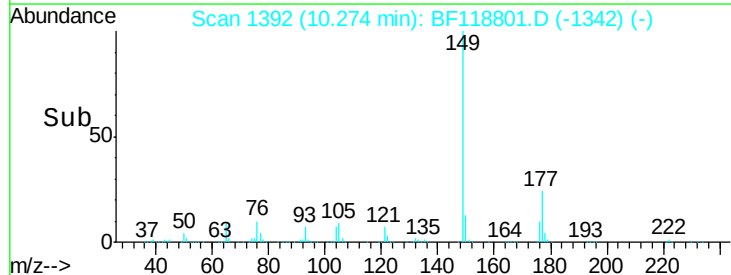


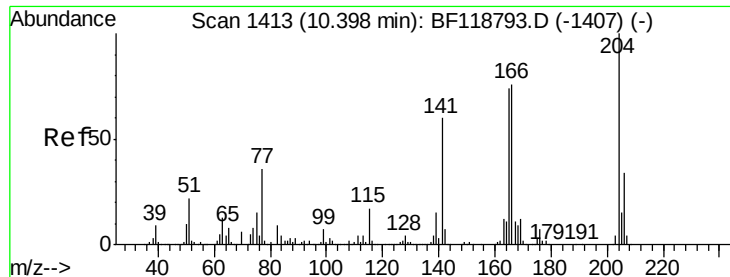
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

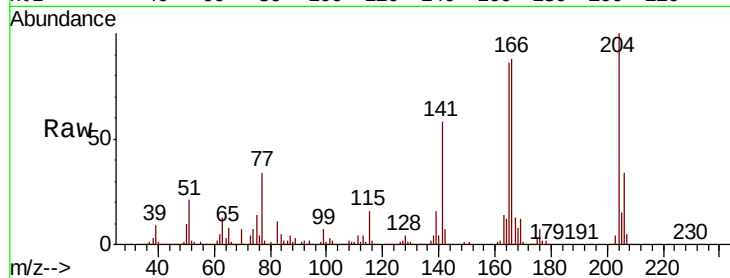




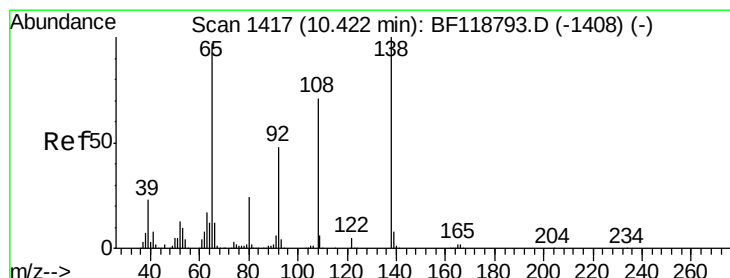
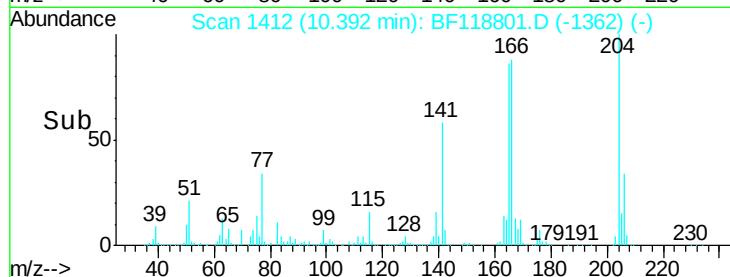
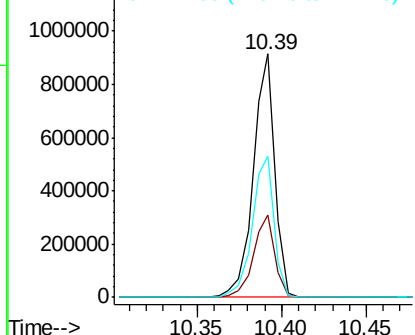
#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.417 ng  
 RT: 10.39 min Scan# 1412  
 Delta R.T. -0.01 min  
 Lab File: BF118801.D  
 Acq: 4 Feb 2020 14:59

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:204 Resp: 814856  
 Ion Ratio Lower Upper  
 204 100  
 206 34.0 27.4 41.2  
 141 57.8 47.8 71.6

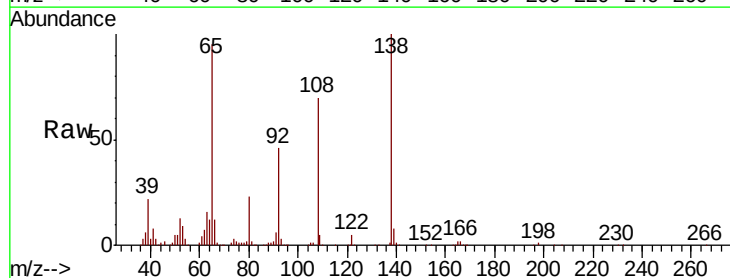


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

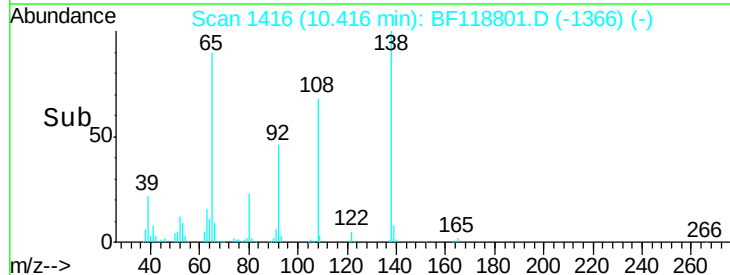
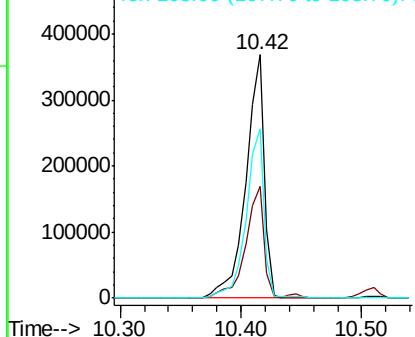


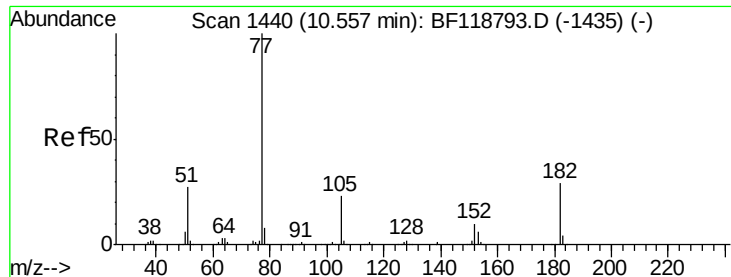
#62  
 4-Nitroaniline  
 Concen: 35.407 ng  
 RT: 10.42 min Scan# 1416  
 Delta R.T. -0.01 min  
 Lab File: BF118801.D  
 Acq: 4 Feb 2020 14:59

Tgt Ion:138 Resp: 392575  
 Ion Ratio Lower Upper  
 138 100  
 92 46.0 27.6 67.6  
 108 69.6 51.3 91.3



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: 41.871 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampled :

Tot Ion: 77 Resp: 1516645

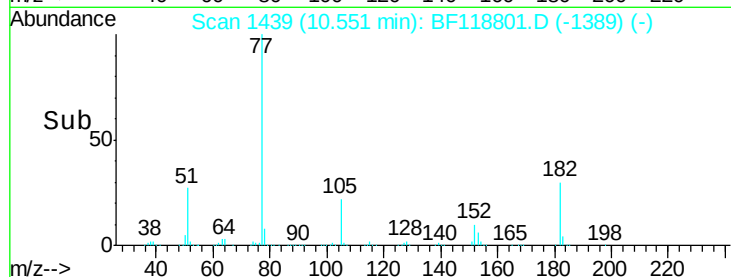
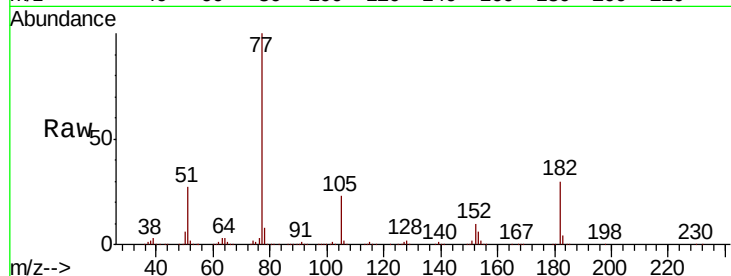
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 29.8  | 9.2   | 49.2  |
| 105 | 23.2  | 3.1   | 43.1  |
| 51  | 27.3  | 7.4   | 47.4  |

77 100

182 29.8 9.2 49.2

105 23.2 3.1 43.1

51 27.3 7.4 47.4

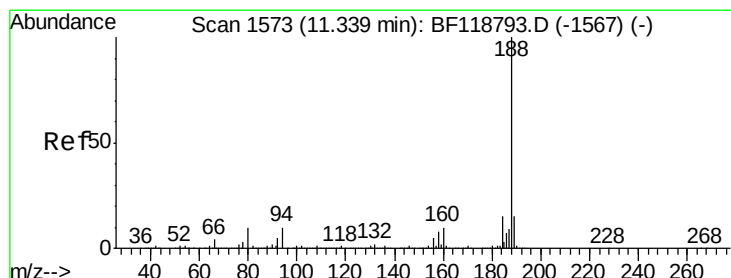
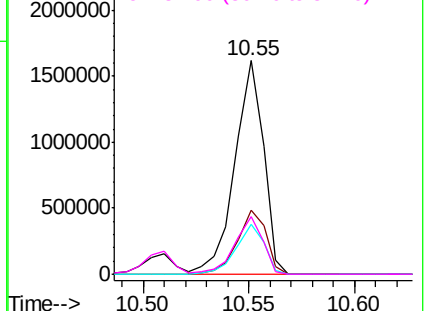


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

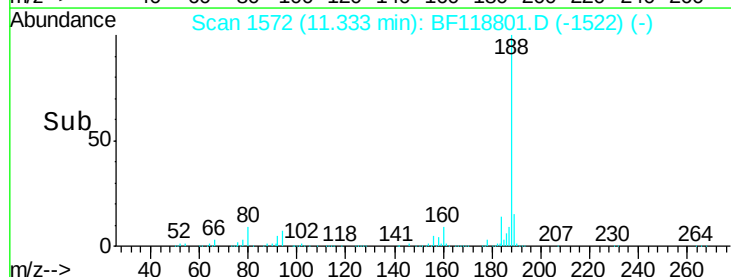
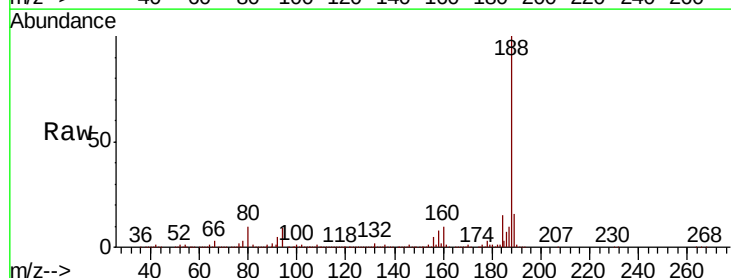
Tgt Ion: 188 Resp: 1213786

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.3   | 7.9   | 11.9  |
| 80  | 9.7   | 8.4   | 12.6  |

188 100

94 9.3 7.9 11.9

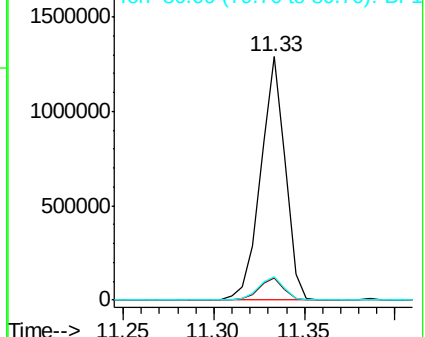
80 9.7 8.4 12.6

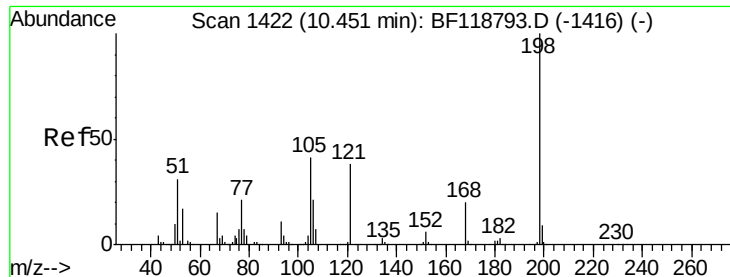


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 43.954 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampled :

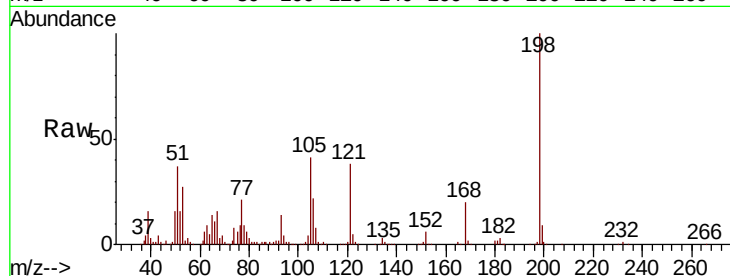
Tot Ion:198 Resp: 299788

Ion Ratio Lower Upper

198 100

51 37.2 16.7 56.7

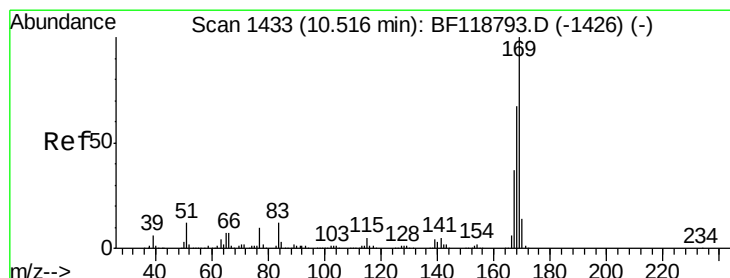
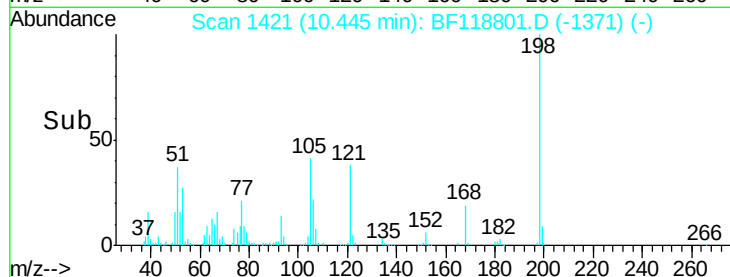
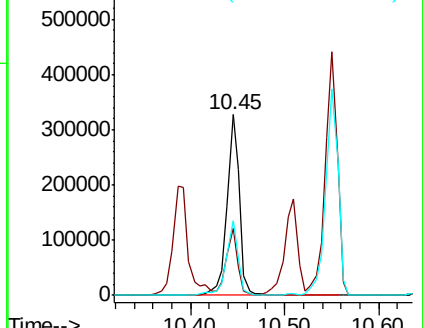
105 41.3 22.0 62.0



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: 41.489 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

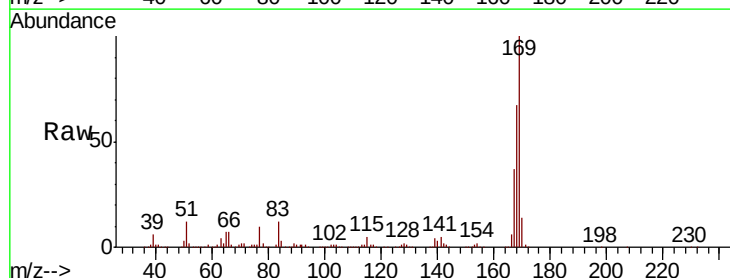
Tgt Ion:169 Resp: 1458712

Ion Ratio Lower Upper

169 100

168 67.3 53.5 80.3

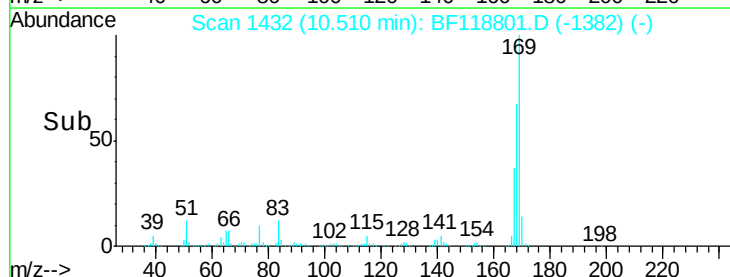
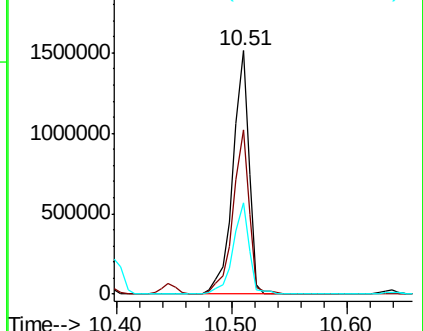
167 37.3 29.3 43.9

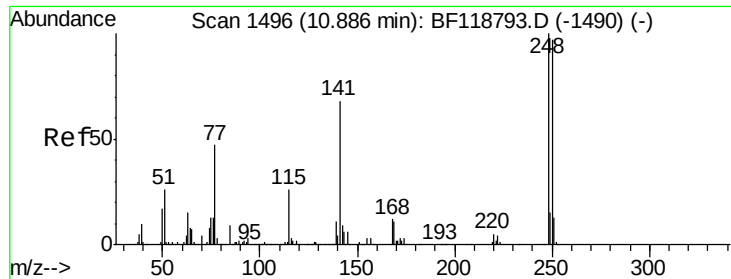


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

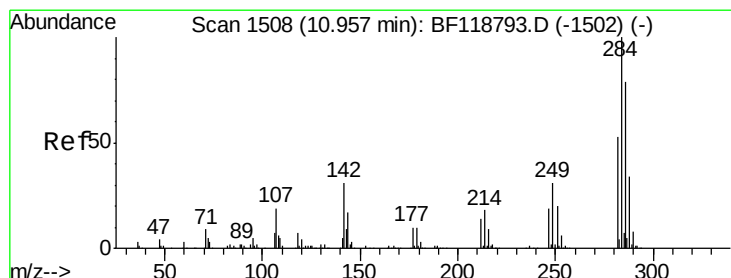
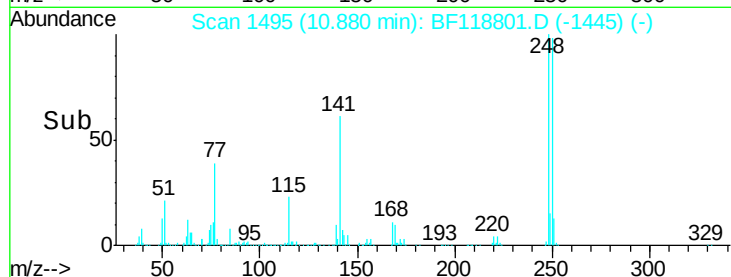
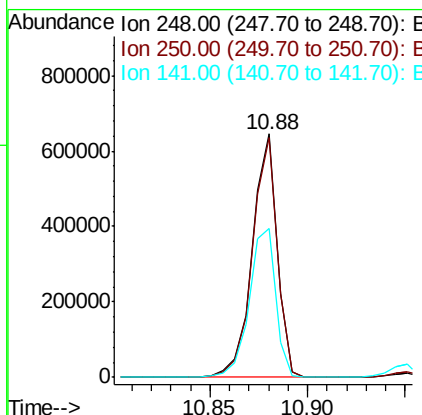
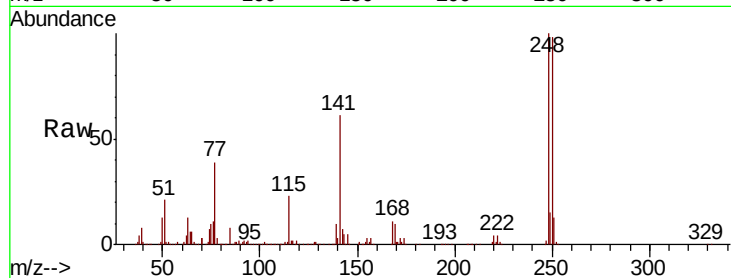




#67  
4-Bromophenyl-phenylether  
Concen: 39.582 ng  
RT: 10.88 min Scan# 1495  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

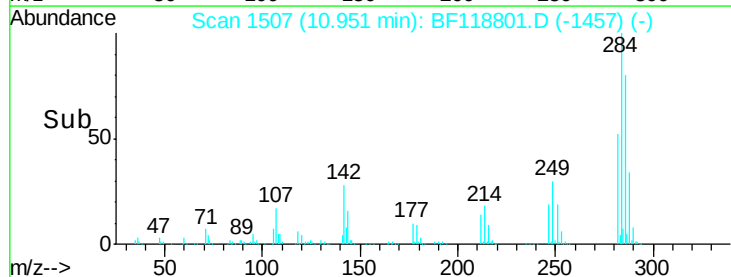
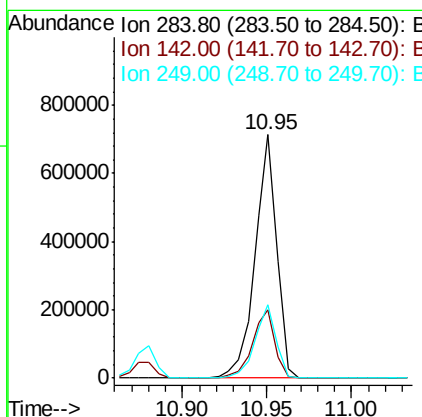
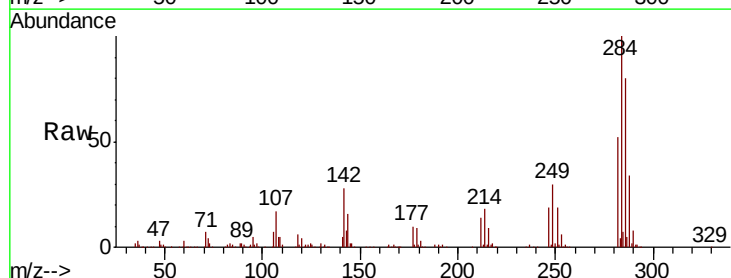
Instrument :  
BNA\_F  
ClientSampleId :

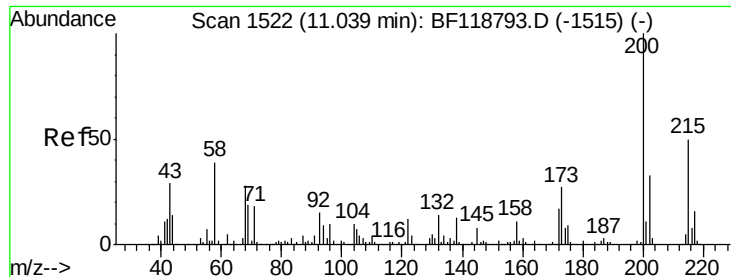
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.4  | 77.6  | 116.4 |
| 141     | 61.1  | 54.4  | 81.6  |



#68  
Hexachlorobenzene  
Concen: 38.771 ng  
RT: 10.95 min Scan# 1507  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.8  | 24.5  | 36.7  |
| 249     | 30.3  | 24.7  | 37.1  |

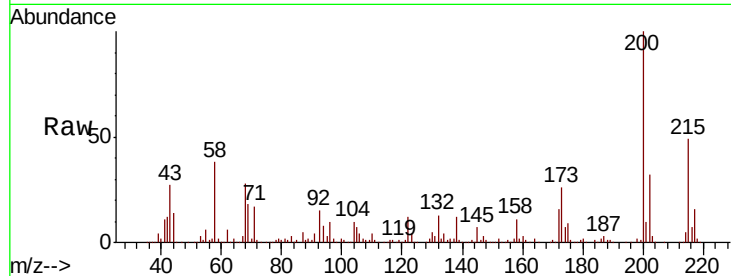




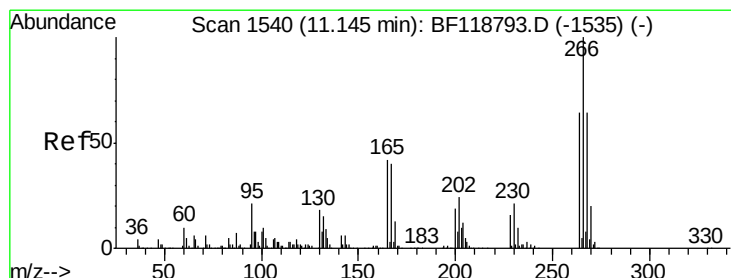
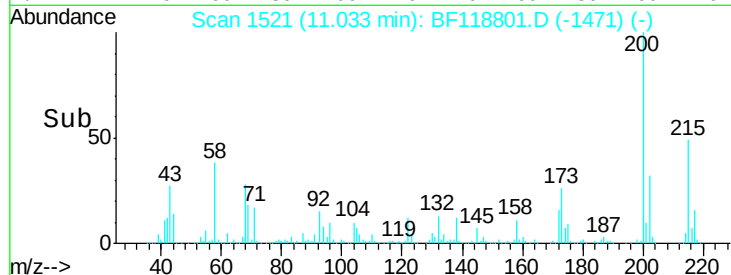
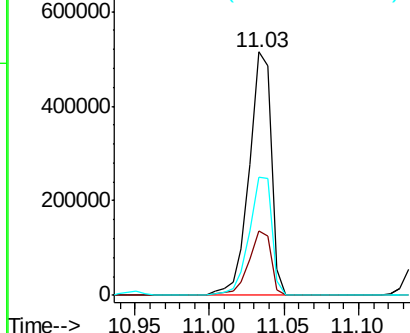
#69  
 Atrazine  
 Concen: 44.799 ng  
 RT: 11.03 min Scan# 1521  
 Delta R.T. -0.01 min  
 Lab File: BF118801.D  
 Acq: 4 Feb 2020 14:59

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:200 Resp: 524743  
 Ion Ratio Lower Upper  
 200 100  
 173 26.5 7.5 47.5  
 215 48.7 29.9 69.9

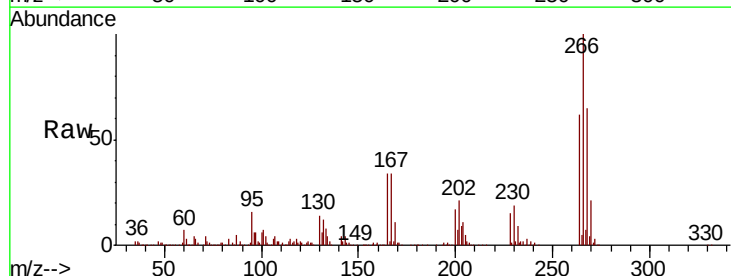


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

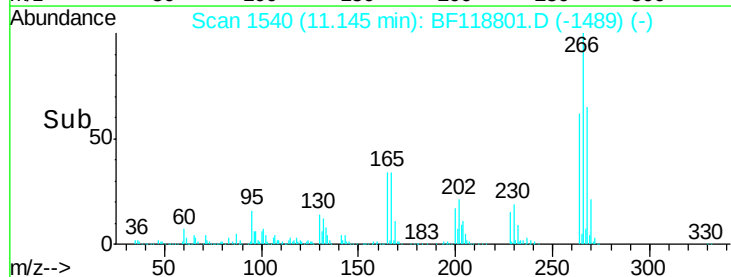
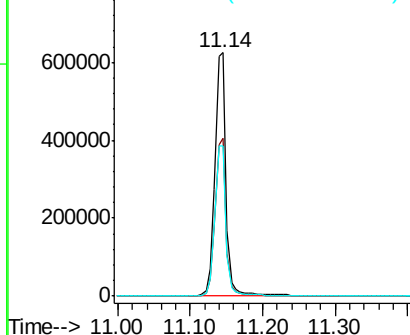


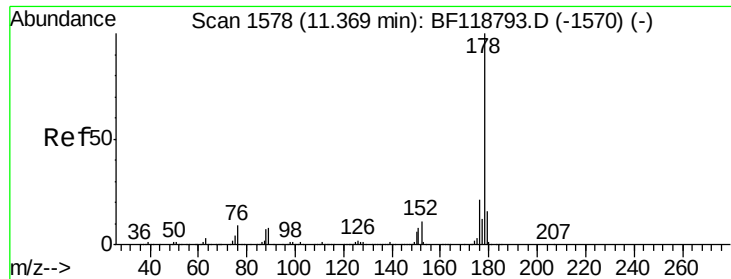
#70  
 Pentachlorophenol  
 Concen: 77.490 ng  
 RT: 11.14 min Scan# 1540  
 Delta R.T. -0.00 min  
 Lab File: BF118801.D  
 Acq: 4 Feb 2020 14:59

Tgt Ion:266 Resp: 673852  
 Ion Ratio Lower Upper  
 266 100  
 268 64.6 51.0 76.6  
 264 61.6 51.4 77.2



Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.699 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampleId :

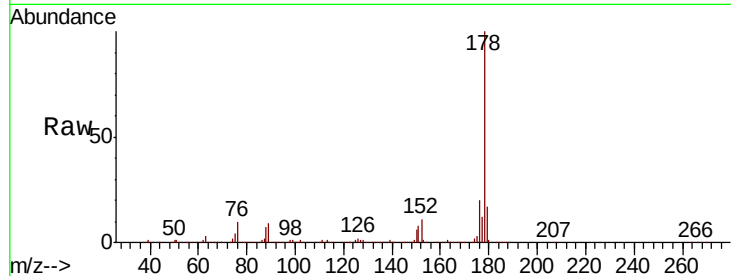
Tot Ion:178 Resp: 2370829

Ion Ratio Lower Upper

178 100

176 20.4 16.6 24.8

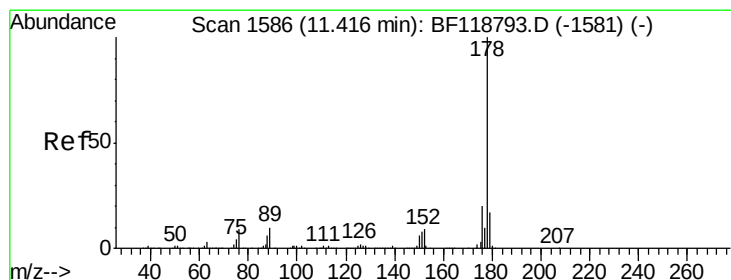
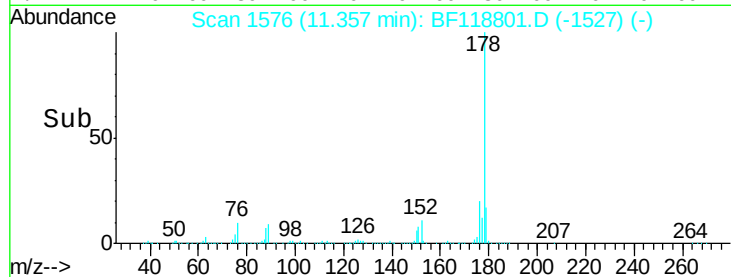
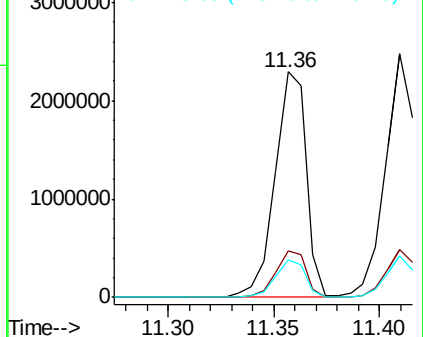
179 16.8 13.2 19.8



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: 40.351 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

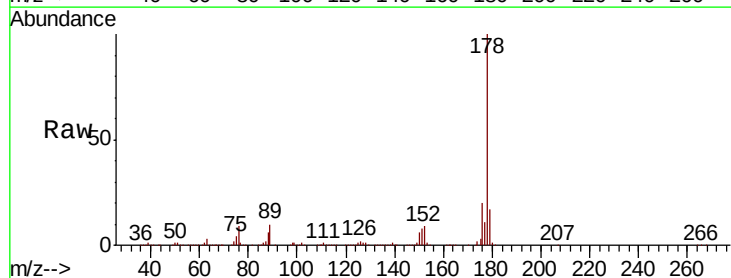
Tgt Ion:178 Resp: 2397290

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

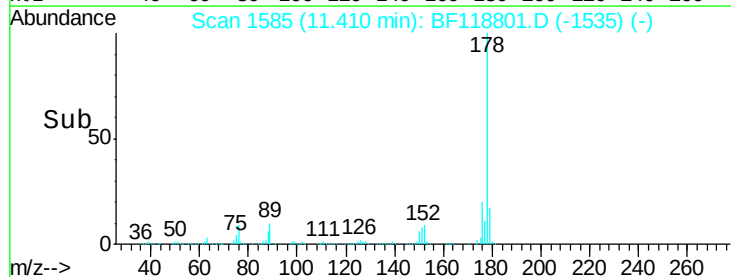
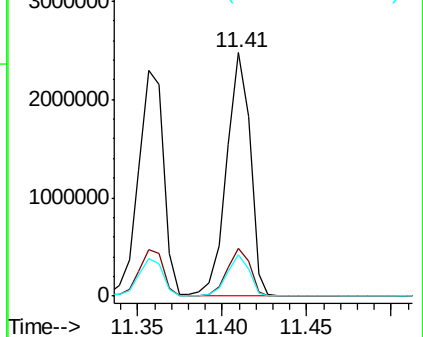
179 16.8 13.4 20.2



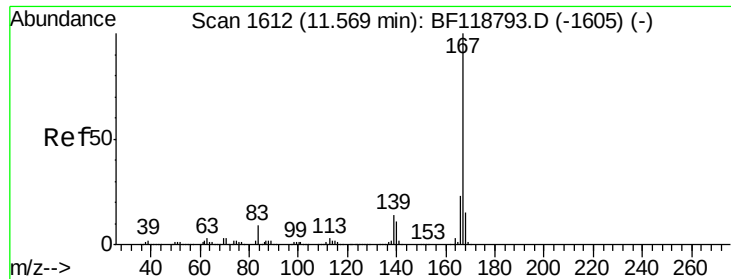
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#73

Carbazole

Concen: 40.540 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampleId :

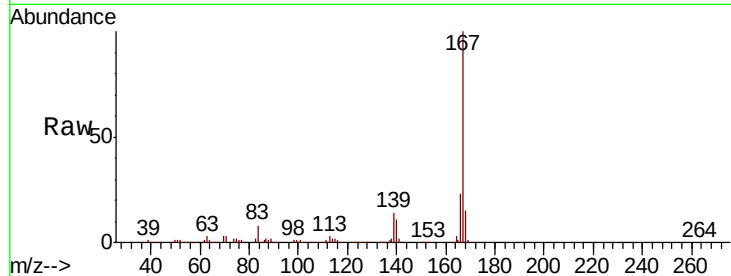
Tot Ion:167 Resp: 2113752

Ion Ratio Lower Upper

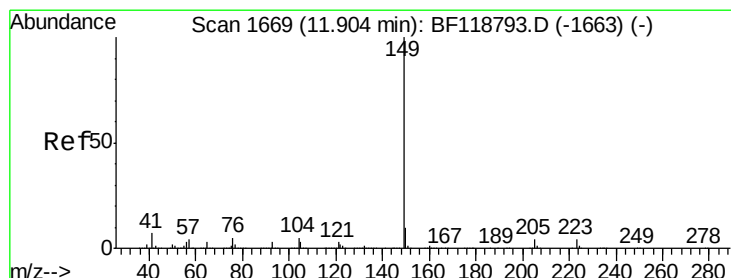
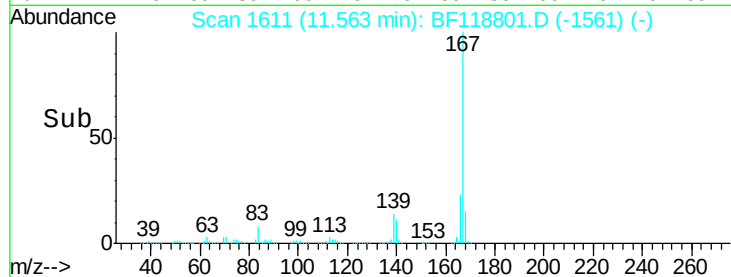
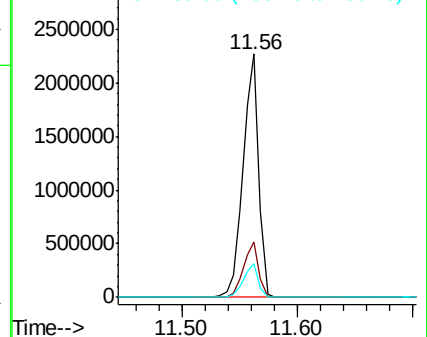
167 100

166 22.9 18.4 27.6

139 13.8 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.871 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

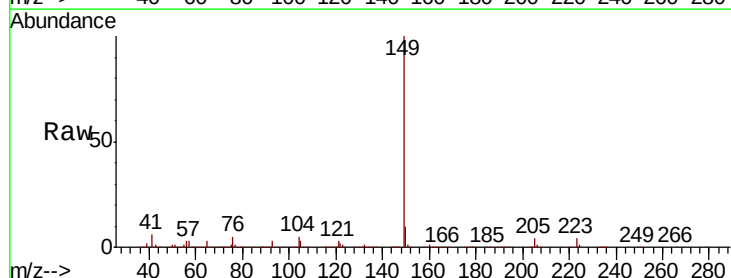
Tgt Ion:149 Resp: 2515390

Ion Ratio Lower Upper

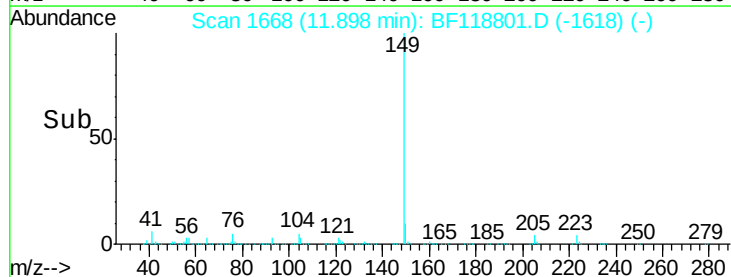
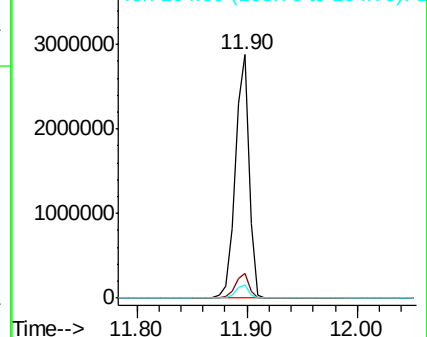
149 100

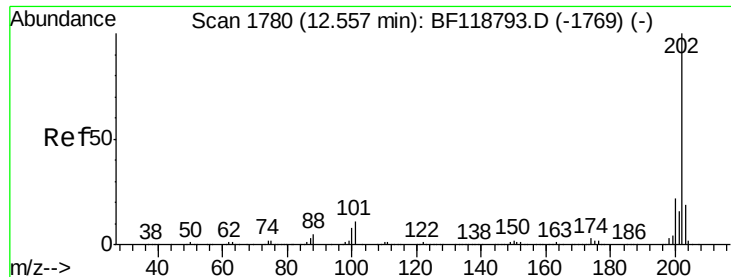
150 10.2 8.1 12.1

104 5.2 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E

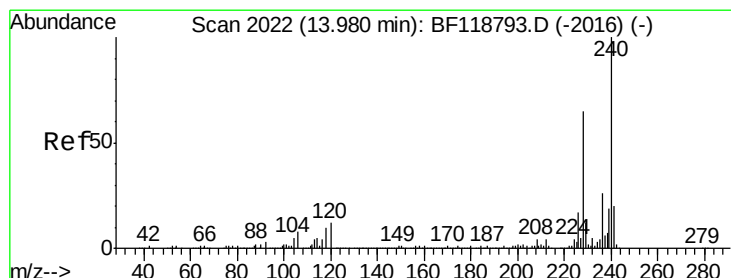
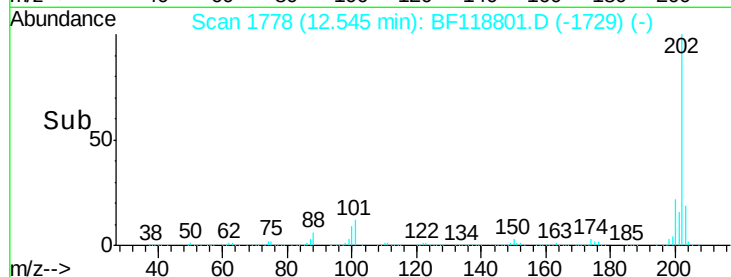
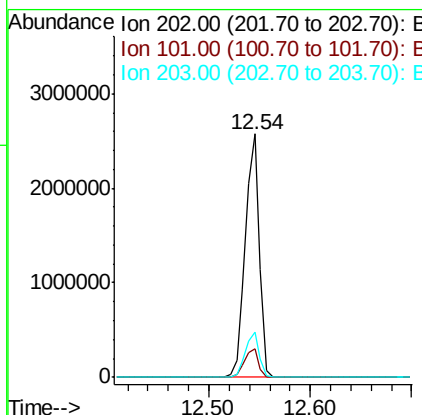
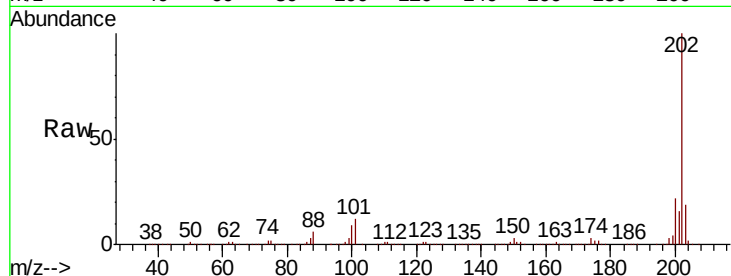




#75  
Fluoranthene  
Concen: 37.997 ng  
RT: 12.54 min Scan# 1778  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

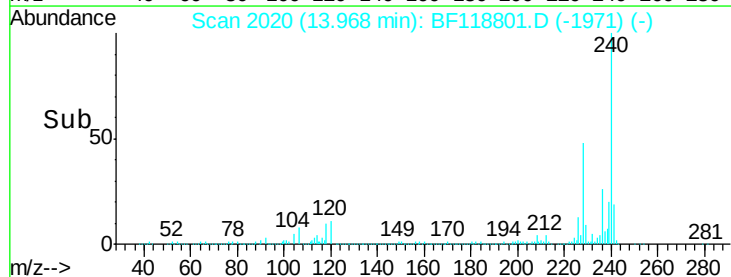
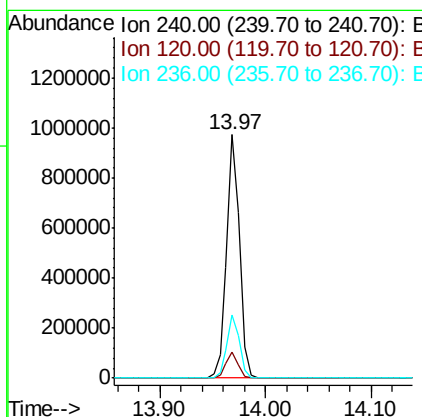
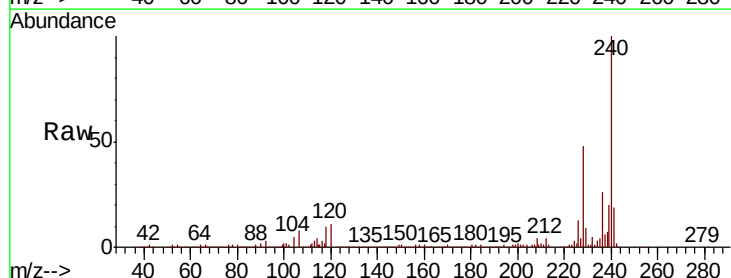
Instrument :  
BNA\_F  
ClientSampleId :

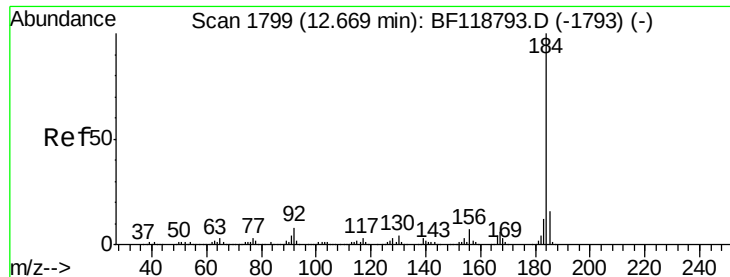
Tot Ion:202 Resp: 2477524  
Ion Ratio Lower Upper  
202 100  
101 11.7 0.0 31.0  
203 18.7 0.0 38.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.97 min Scan# 2020  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Tgt Ion:240 Resp: 825012  
Ion Ratio Lower Upper  
240 100  
120 10.8 9.4 14.0  
236 26.1 21.0 31.6





#77

Benzidine

Concen: 28.410 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

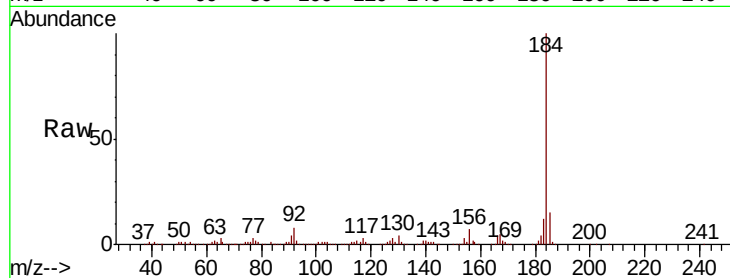
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:184 Resp: 708915

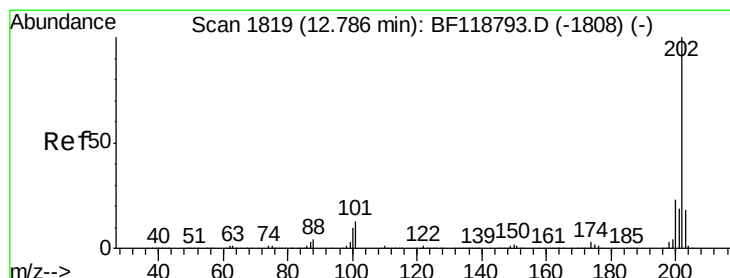
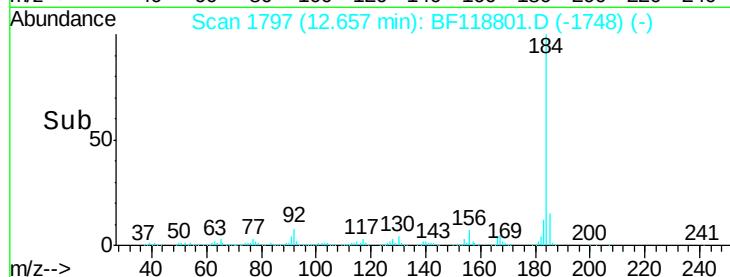
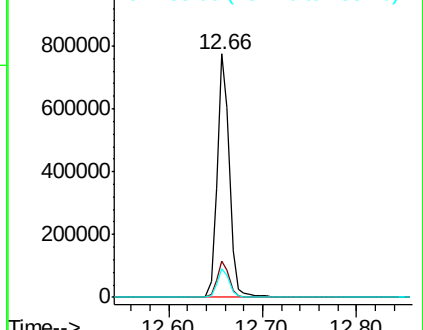
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.9  | 12.5  | 18.7  |
| 183 | 11.9  | 9.7   | 14.5  |



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.404 ng

RT: 12.77 min Scan# 1817

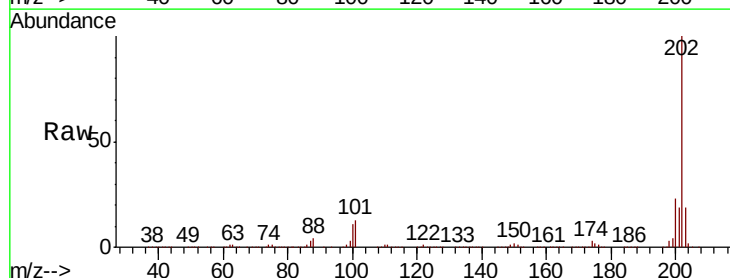
Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Tgt Ion:202 Resp: 2513158

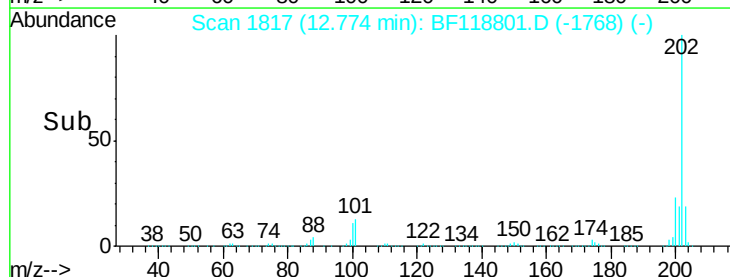
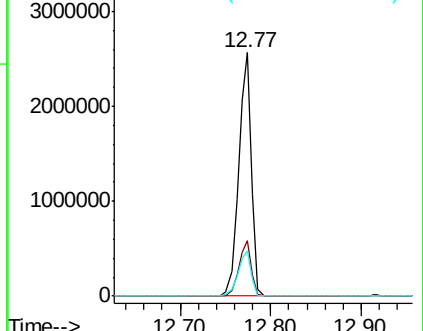
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.6  | 18.2  | 27.2  |
| 203 | 18.5  | 14.8  | 22.2  |

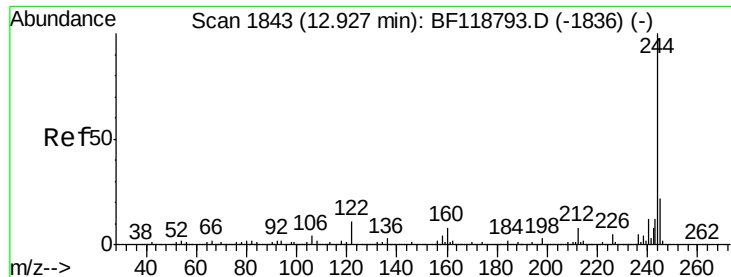


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.017 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampleId :

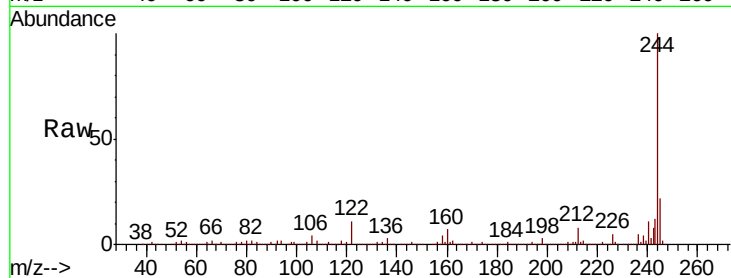
Tot Ion:244 Resp: 3093420

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

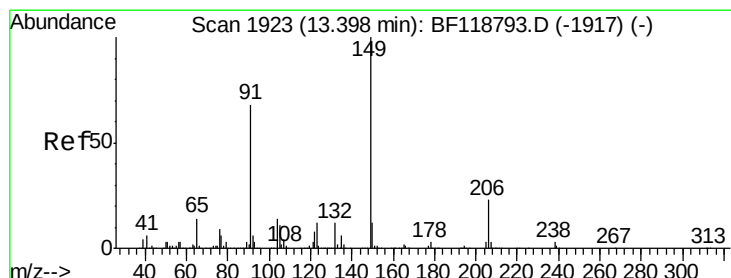
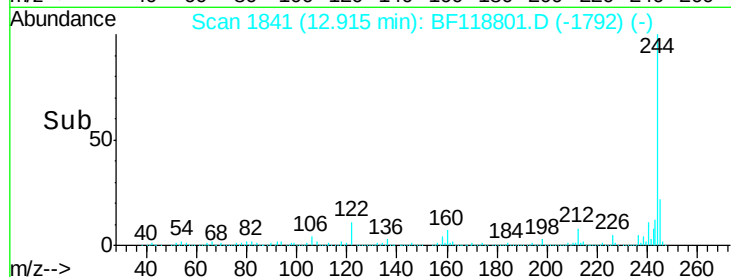
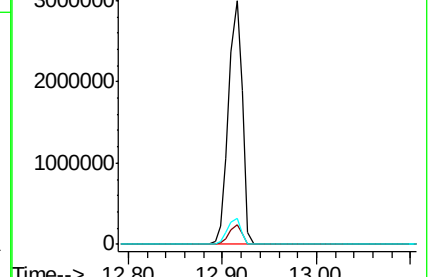
122 10.9 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.171 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

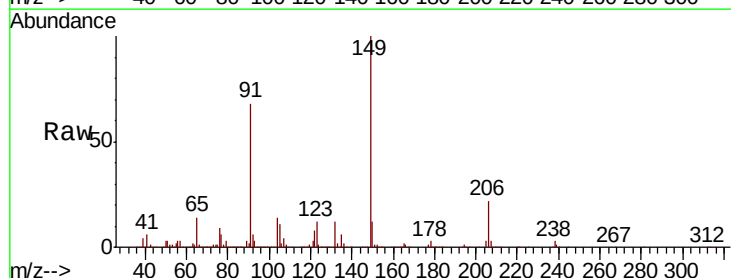
Tgt Ion:149 Resp: 1037739

Ion Ratio Lower Upper

149 100

91 68.1 54.7 82.1

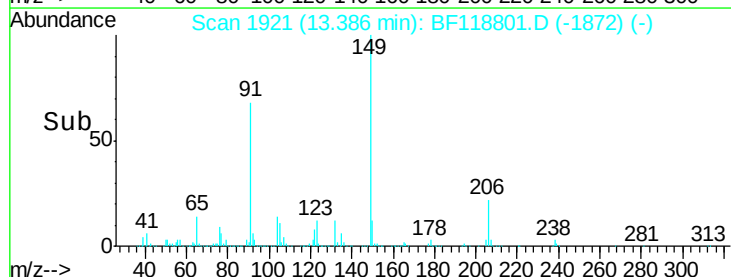
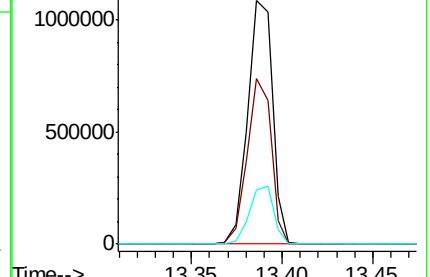
206 22.4 18.5 27.7

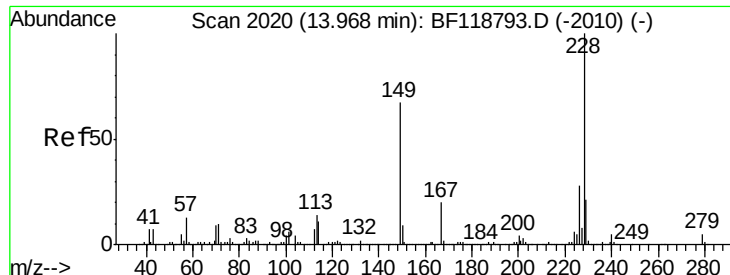


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

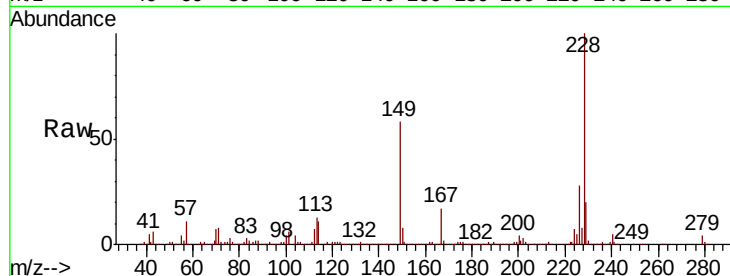




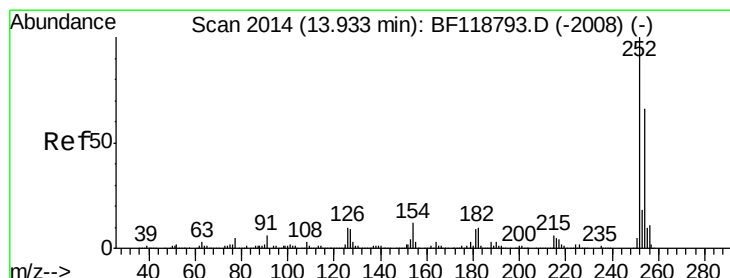
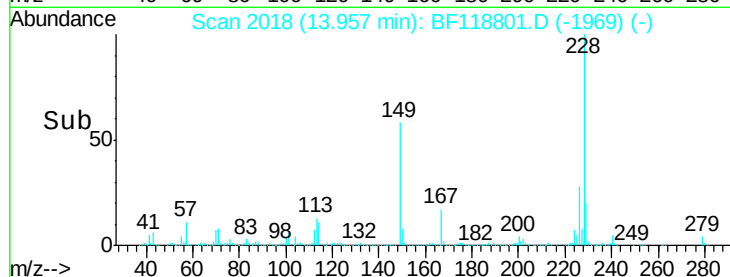
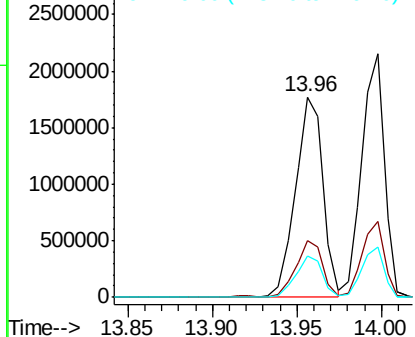
#81  
Benzo(a)anthracene  
Concen: 40.629 ng  
RT: 13.96 min Scan# 2018  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:228 Resp: 1994618  
Ion Ratio Lower Upper  
228 100  
226 28.0 22.7 34.1  
229 20.4 16.6 25.0

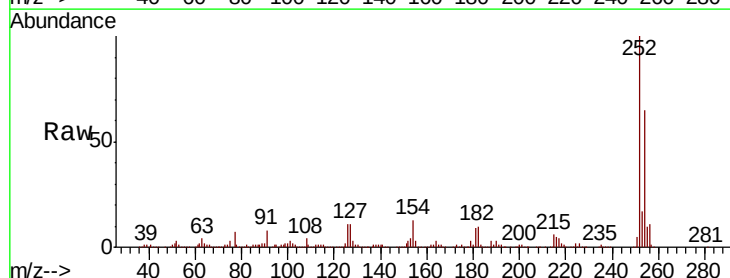


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

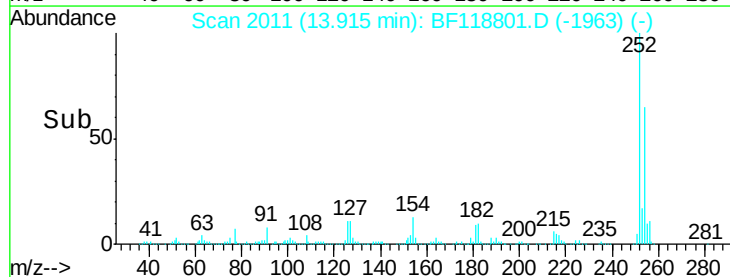
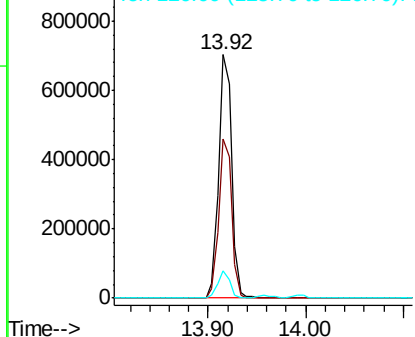


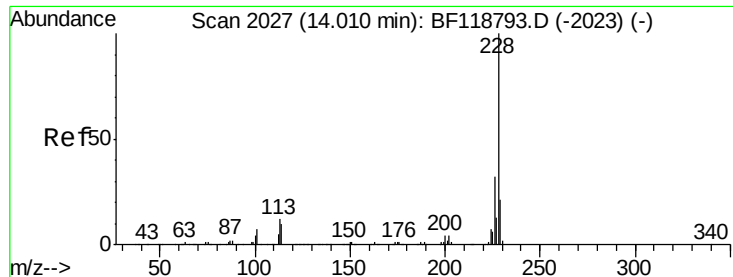
#82  
3,3'-Dichlorobenzidine  
Concen: 32.525 ng  
RT: 13.92 min Scan# 2011  
Delta R.T. -0.02 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Tgt Ion:252 Resp: 653068  
Ion Ratio Lower Upper  
252 100  
254 65.2 52.4 78.6  
126 11.0 7.8 11.8



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

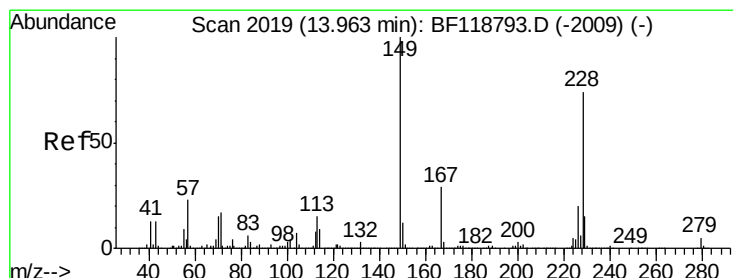
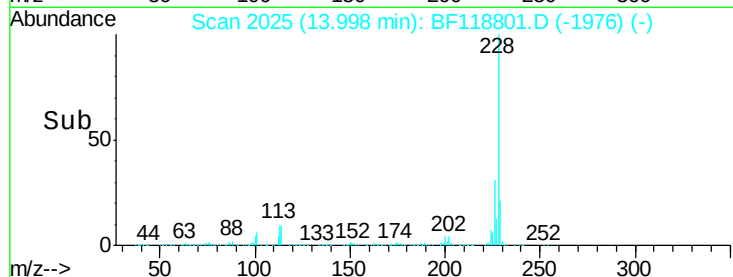
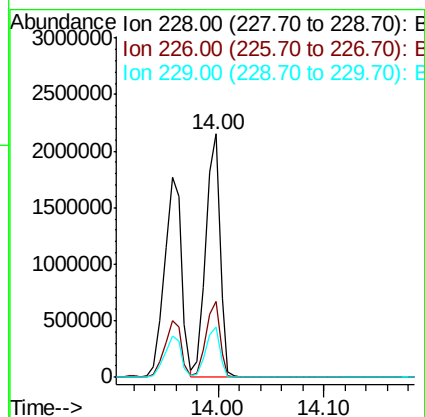
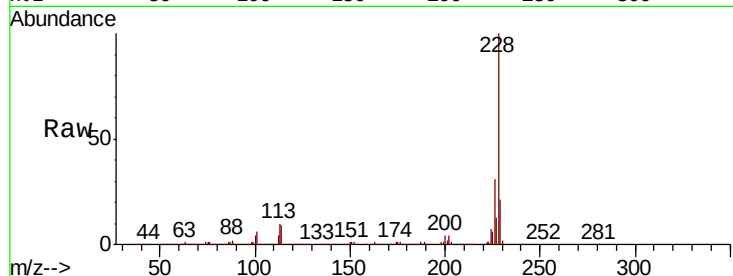




#83  
Chrysene  
Concen: 40.608 ng  
RT: 14.00 min Scan# 2025  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

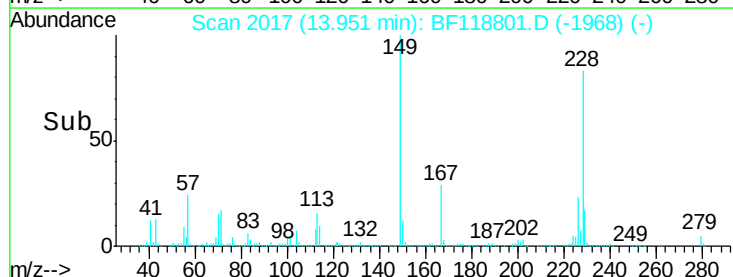
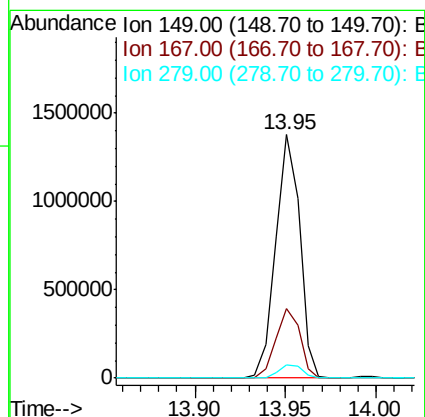
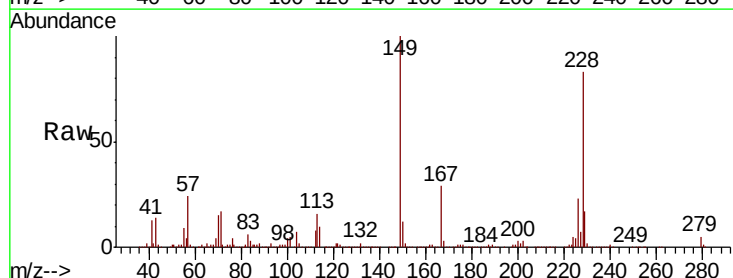
Instrument :  
BNA\_F  
ClientSampled :

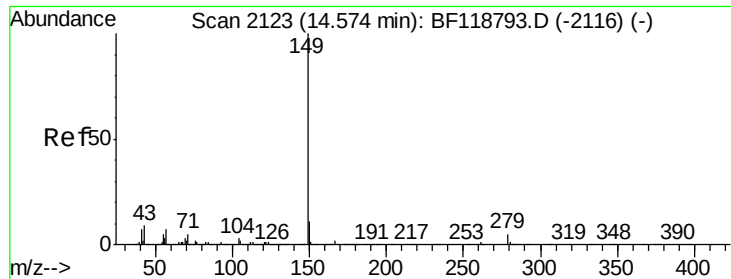
Tot Ion:228 Resp: 2000842  
Ion Ratio Lower Upper  
228 100  
226 31.4 25.4 38.0  
229 20.7 16.9 25.3



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 38.922 ng  
RT: 13.95 min Scan# 2017  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Tgt Ion:149 Resp: 1275658  
Ion Ratio Lower Upper  
149 100  
167 28.8 23.0 34.6  
279 5.2 4.4 6.6

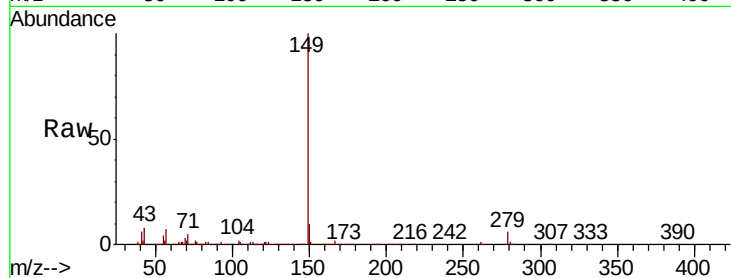




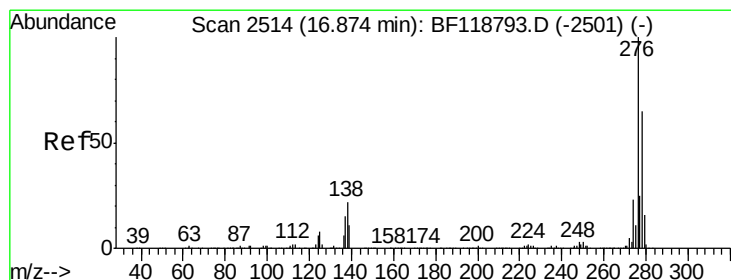
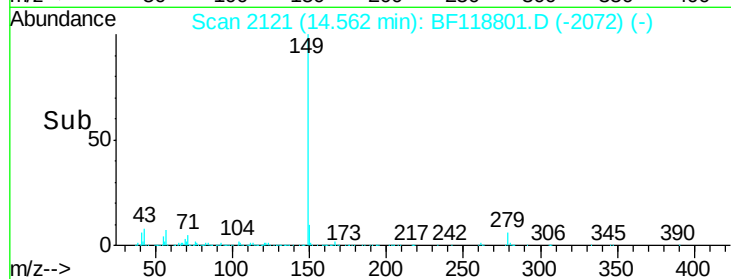
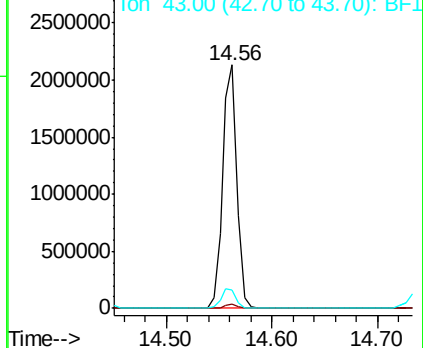
#85  
Di-n-octyl phthalate  
Concen: 35.731 ng  
RT: 14.56 min Scan# 2121  
Delta R.T. -0.01 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:149 Resp: 2006194  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 8.2 6.6 10.0

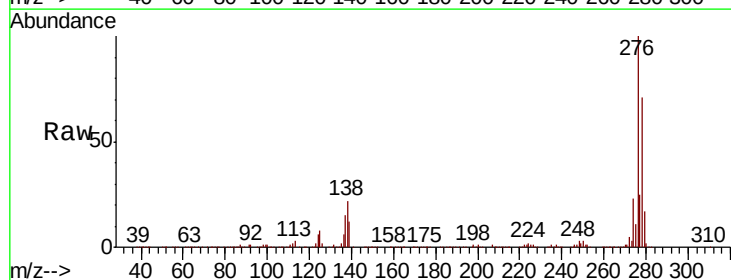


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

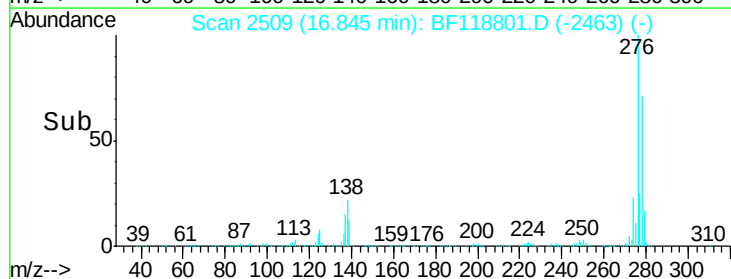
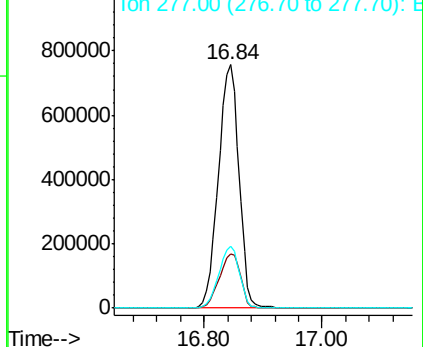


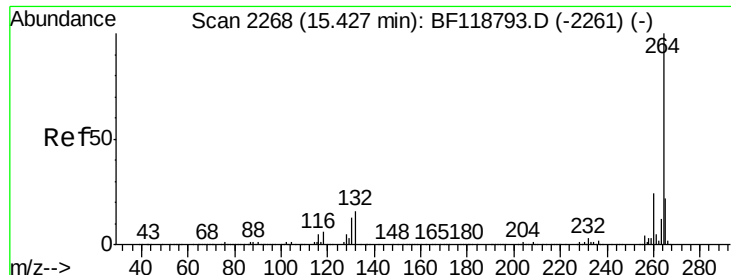
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 37.071 ng  
RT: 16.84 min Scan# 2509  
Delta R.T. -0.03 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Tgt Ion:276 Resp: 1835226  
Ion Ratio Lower Upper  
276 100  
138 23.1 18.3 27.5  
277 25.4 20.2 30.4



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

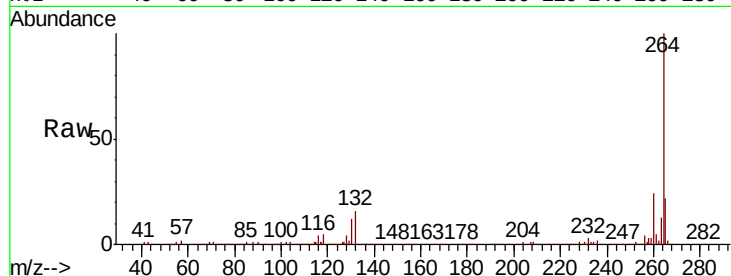




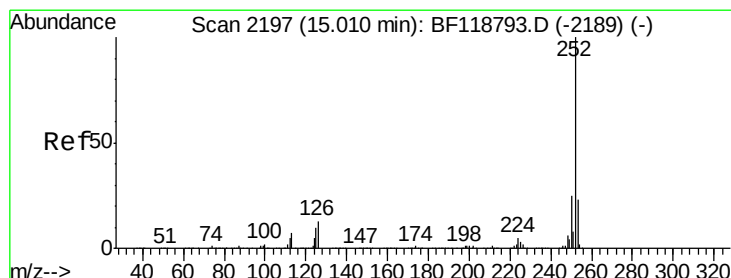
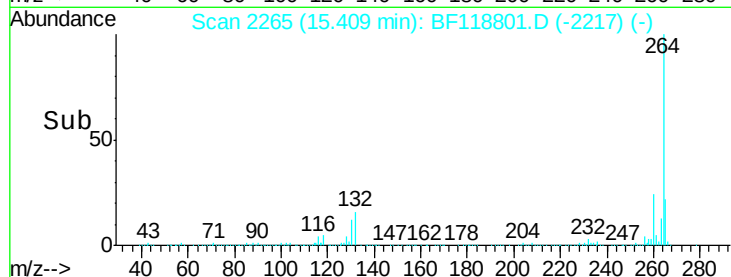
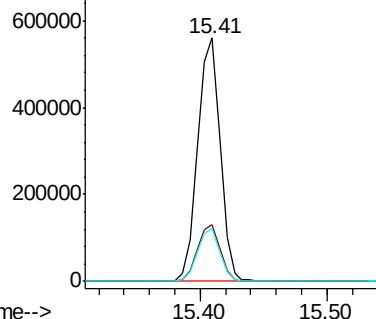
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.41 min Scan# 2265  
Delta R.T. -0.02 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 19.1  | 28.7  |
| 265     | 21.6  | 17.2  | 25.8  |

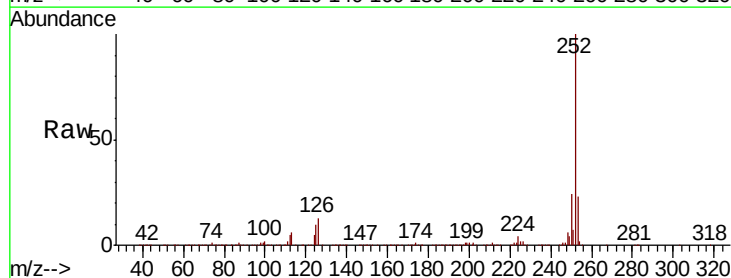


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

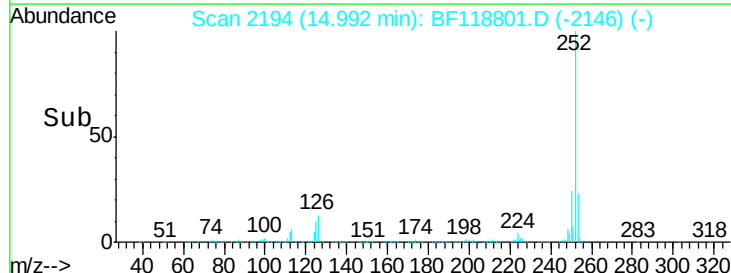
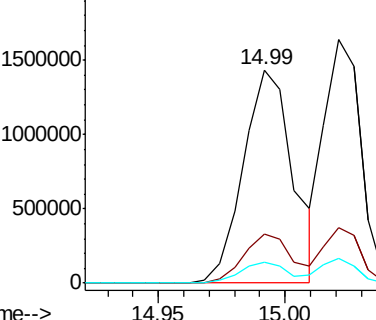


#88  
Benzo(b)fluoranthene  
Concen: 45.995 ng  
RT: 14.99 min Scan# 2194  
Delta R.T. -0.02 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

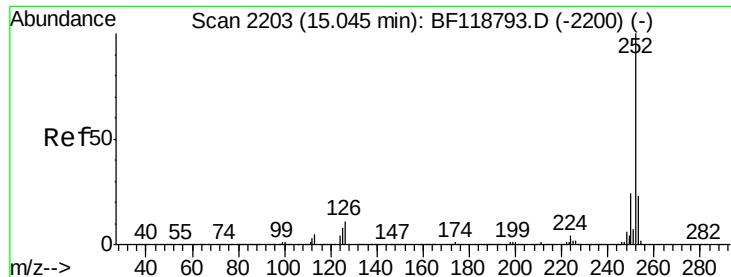
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 18.4  | 27.6  |
| 125     | 9.7   | 8.1   | 12.1  |



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



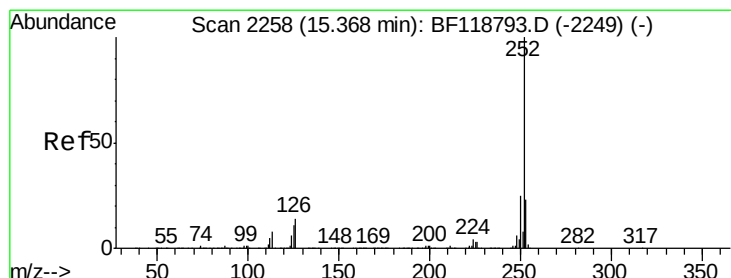
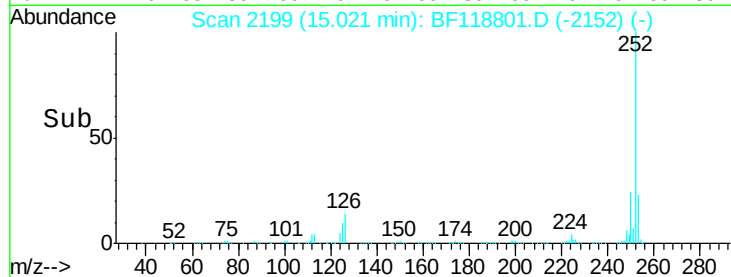
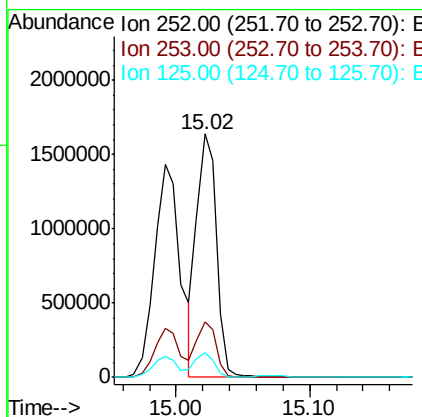
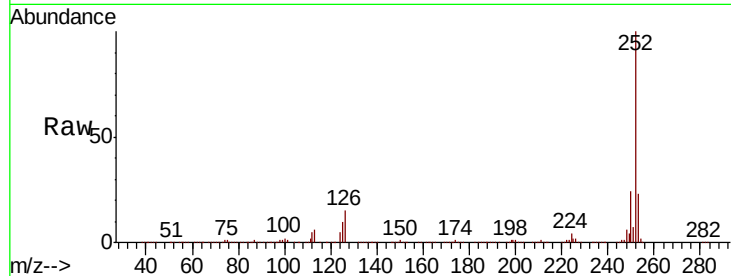




#89  
Benzo(k)fluoranthene  
Concen: 44.768 ng  
RT: 15.02 min Scan# 2199  
Delta R.T. -0.02 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

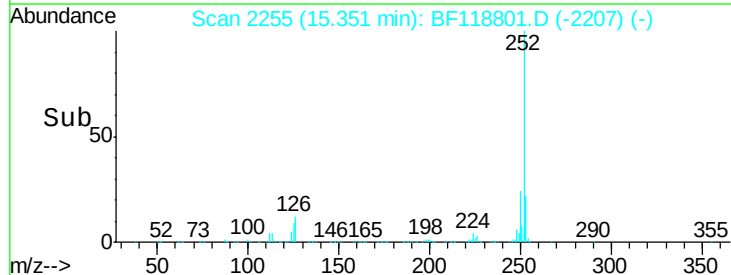
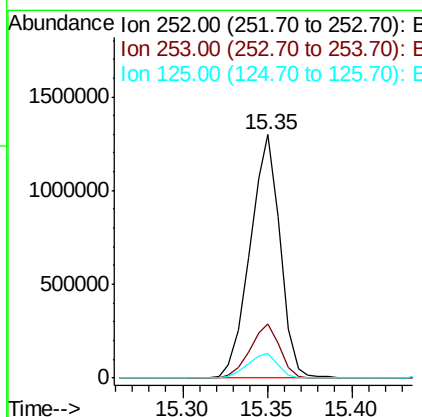
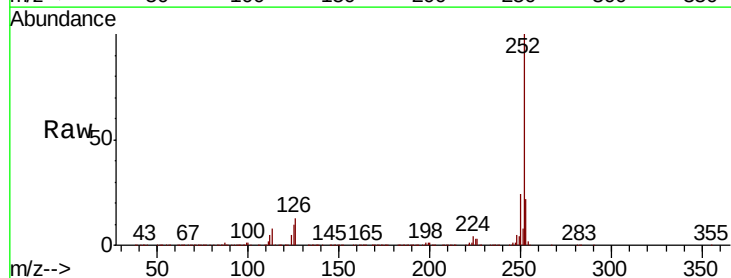
Instrument :  
BNA\_F  
ClientSampleId :

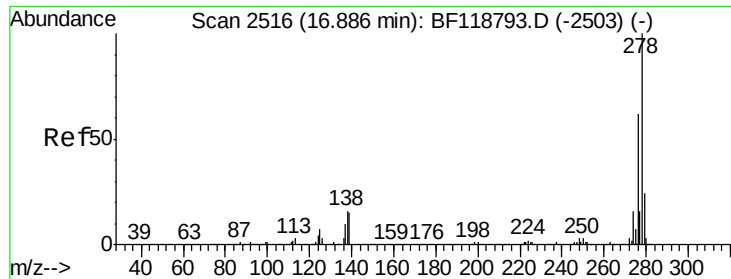
Tot Ion:252 Resp: 1657263  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.2 27.4  
125 10.2 7.0 10.6



#90  
Benzo(a)pyrene  
Concen: 44.049 ng  
RT: 15.35 min Scan# 2255  
Delta R.T. -0.02 min  
Lab File: BF118801.D  
Acq: 4 Feb 2020 14:59

Tgt Ion:252 Resp: 1602586  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.1 27.1  
125 10.0 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 47.663 ng

RT: 16.86 min Scan# 2511

Delta R.T. -0.03 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

Instrument :

BNA\_F

ClientSampleId :

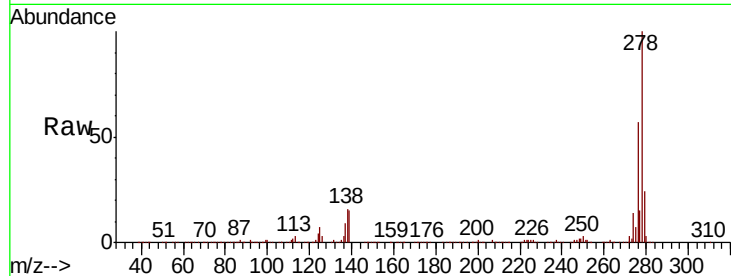
Tot Ion:278 Resp: 1539386

Ion Ratio Lower Upper

278 100

139 15.2 12.3 18.5

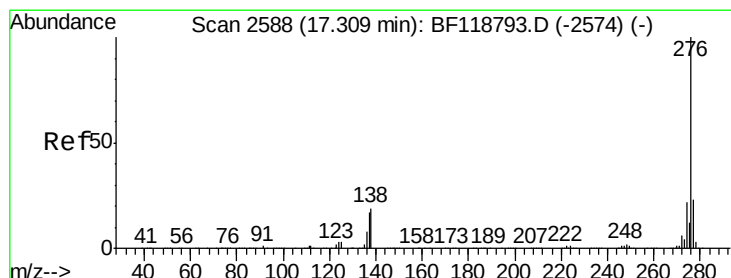
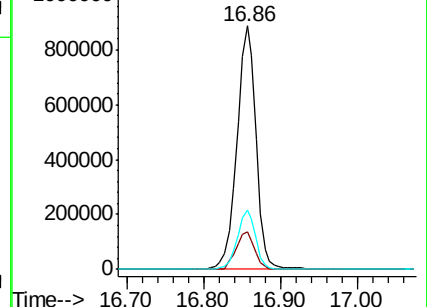
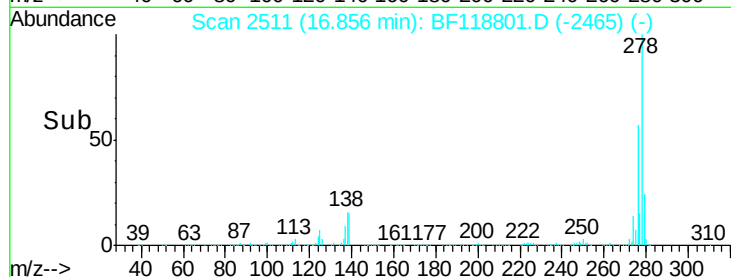
279 24.1 19.1 28.7



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: 50.883 ng

RT: 17.27 min Scan# 2582

Delta R.T. -0.04 min

Lab File: BF118801.D

Acq: 4 Feb 2020 14:59

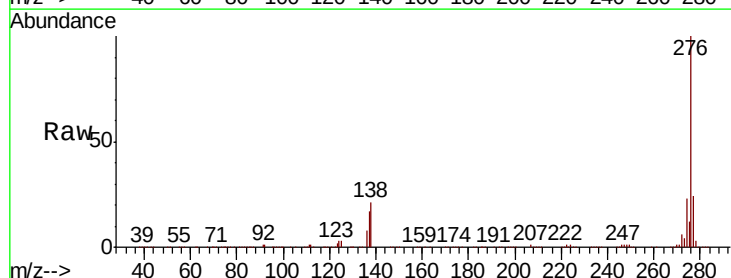
Tgt Ion:276 Resp: 1580465

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 20.6 15.4 23.2



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

