

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\  
 Data File : BF117753.D  
 Acq On : 12 Nov 2019 11:00  
 Operator : JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Nov 12 13:33:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 06 17:27:10 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.93  | 152  | 306653   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.22  | 136  | 1133554  | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 9.98  | 164  | 592999   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.47 | 188  | 1125554  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.12 | 240  | 839112   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.63 | 264  | 876552   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.54  | 112  | 1385584  | 81.79 | ng    | 0.00     |
| 7) Phenol-d6                | 6.55  | 99   | 1696341  | 81.21 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.49  | 82   | 1554569  | 80.97 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.77 | 330  | 513650   | 88.55 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.29  | 172  | 2782582  | 92.58 | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.06 | 244  | 3170408  | 77.78 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.72 | 88   | 344446   | 40.807 | ng    | 98     |
| 3) Pyridine                    | 3.49 | 79   | 927128   | 39.931 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.45 | 42   | 399103   | 39.006 | ng    | 95     |
| 6) Aniline                     | 6.59 | 93   | 1164126  | 39.710 | ng    | 100    |
| 8) 2-Chlorophenol              | 6.71 | 128  | 780917   | 41.438 | ng    | 98     |
| 9) Benzaldehyde                | 6.47 | 77   | 558353   | 38.417 | ng    | 99     |
| 10) Phenol                     | 6.56 | 94   | 925144   | 41.103 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.66 | 93   | 738026   | 39.708 | ng    | 95     |
| 12) 1,3-Dichlorobenzene        | 6.87 | 146  | 905617   | 41.456 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 6.95 | 146  | 898920   | 41.108 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 7.10 | 146  | 844694   | 41.953 | ng    | 99     |
| 15) Benzyl Alcohol             | 7.06 | 79   | 665592   | 39.963 | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.20 | 45   | 1125475  | 38.298 | ng    | 98     |
| 17) 2-Methylphenol             | 7.17 | 107  | 654376   | 40.429 | ng    | 99     |
| 18) Hexachloroethane           | 7.45 | 117  | 326427   | 40.384 | ng    | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.34 | 70   | 512382   | 37.306 | ng    | 99     |
| 20) 3+4-Methylphenols          | 7.33 | 107  | 790175   | 40.999 | ng    | 91     |
| 22) Acetophenone               | 7.34 | 105  | 1047702  | 40.440 | ng    | # 96   |
| 24) Nitrobenzene               | 7.51 | 77   | 807878   | 40.295 | ng    | 97     |
| 25) Isophorone                 | 7.75 | 82   | 1409171  | 38.373 | ng    | 99     |
| 26) 2-Nitrophenol              | 7.83 | 139  | 387090   | 41.588 | ng    | 96     |
| 27) 2,4-Dimethylphenol         | 7.86 | 122  | 624860   | 39.814 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.96 | 93   | 907040   | 38.478 | ng    | 100    |
| 29) 2,4-Dichlorophenol         | 8.06 | 162  | 665840   | 41.179 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.16 | 180  | 768805   | 41.534 | ng    | 99     |
| 31) Naphthalene                | 8.24 | 128  | 2168580  | 41.854 | ng    | 99     |
| 32) Benzoic acid               | 7.97 | 122  | 514176   | 41.387 | ng    | 97     |
| 33) 4-Chloroaniline            | 8.28 | 127  | 991312   | 41.175 | ng    | 98     |
| 34) Hexachlorobutadiene        | 8.36 | 225  | 443784   | 41.866 | ng    | 99     |
| 35) Caprolactam                | 8.65 | 113  | 221993   | 41.422 | ng    | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.76 | 107  | 672190   | 41.198 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 8.93 | 142  | 1474584  | 41.805 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 9.03 | 142  | 1387360  | 41.418 | ng    | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.10 | 216  | 703613   | 43.371 | ng    | 99     |

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 ALS Vial : 2 Sample Multiplier: 1

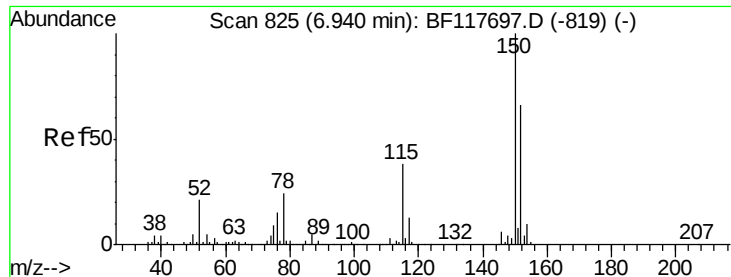
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Nov 12 13:33:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 06 17:27:10 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.09  | 237  | 375302   | 42.882 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.20  | 196  | 501082   | 42.409 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.24  | 196  | 514244   | 42.938 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.40  | 154  | 1797008  | 43.269 | ng    | 96       |
| 47) 2-Chloronaphthalene        | 9.42  | 162  | 1487106  | 43.148 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.51  | 65   | 451588   | 41.811 | ng    | 97       |
| 49) Acenaphthylene             | 9.84  | 152  | 2166331  | 43.161 | ng    | 100      |
| 50) Dimethylphthalate          | 9.69  | 163  | 1677909  | 41.855 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.76  | 165  | 371609   | 41.397 | ng    | 87       |
| 52) Acenaphthene               | 10.01 | 154  | 1379868  | 42.604 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.93  | 138  | 457555   | 42.249 | ng    | 91       |
| 54) 2,4-Dinitrophenol          | 10.03 | 184  | 144481   | 46.947 | ng    | # 79     |
| 55) Dibenzofuran               | 10.19 | 168  | 1939129  | 42.787 | ng    | 97       |
| 56) 4-Nitrophenol              | 10.07 | 139  | 350431   | 43.026 | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 10.16 | 165  | 479445   | 41.635 | ng    | 92       |
| 58) Fluorene                   | 10.53 | 166  | 1432371  | 42.883 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.30 | 232  | 432006   | 43.393 | ng    | 98       |
| 60) Diethylphthalate           | 10.40 | 149  | 1650641  | 41.868 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.52 | 204  | 751753   | 43.235 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.54 | 138  | 463963   | 43.526 | ng    | 96       |
| 63) Azobenzene                 | 10.68 | 77   | 1515036  | 40.573 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.57 | 198  | 200014   | 44.503 | ng    | 90       |
| 66) n-Nitrosodiphenylamine     | 10.63 | 169  | 1345672  | 40.479 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 11.01 | 248  | 498534   | 40.556 | ng    | 95       |
| 68) Hexachlorobenzene          | 11.08 | 284  | 589957   | 41.546 | ng    | 94       |
| 69) Atrazine                   | 11.16 | 200  | 406647   | 37.121 | ng    | 98       |
| 70) Pentachlorophenol          | 11.27 | 266  | 341473   | 43.016 | ng    | 100      |
| 71) Phenanthrene               | 11.49 | 178  | 2277425  | 42.214 | ng    | 98       |
| 72) Anthracene                 | 11.54 | 178  | 2261600  | 42.136 | ng    | 99       |
| 73) Carbazole                  | 11.70 | 167  | 2109548  | 42.994 | ng    | 100      |
| 74) Di-n-butylphthalate        | 12.03 | 149  | 2474304  | 41.471 | ng    | 100      |
| 75) Fluoranthene               | 12.69 | 202  | 2403764  | 43.635 | ng    | 97       |
| 77) Benzidine                  | 12.80 | 184  | 1228366  | 42.106 | ng    | 98       |
| 78) Pyrene                     | 12.92 | 202  | 2436248  | 39.773 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.53 | 149  | 1130913  | 39.971 | ng    | 96       |
| 81) Benzo(a)anthracene         | 14.11 | 228  | 2209638  | 42.305 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 14.07 | 252  | 881858   | 45.207 | ng    | 97       |
| 83) Chrysene                   | 14.15 | 228  | 2167378  | 42.019 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.10 | 149  | 1447340  | 39.656 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.72 | 149  | 2401244  | 41.810 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.17 | 276  | 2022987  | 42.138 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.19 | 252  | 2240977  | 40.593 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.22 | 252  | 2074721  | 42.136 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.57 | 252  | 2002394  | 41.841 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 17.19 | 278  | 1631138  | 38.003 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.63 | 276  | 1586335  | 38.136 | ng    | 99       |

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



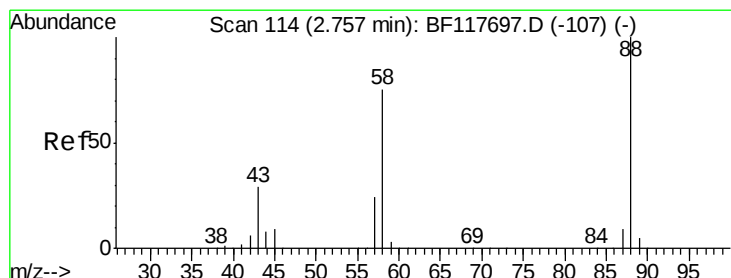
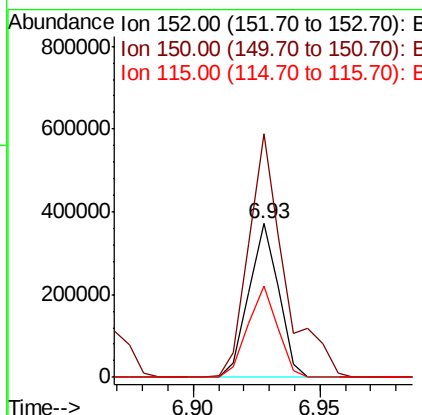
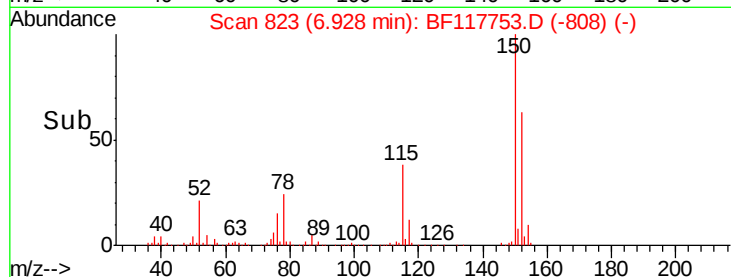
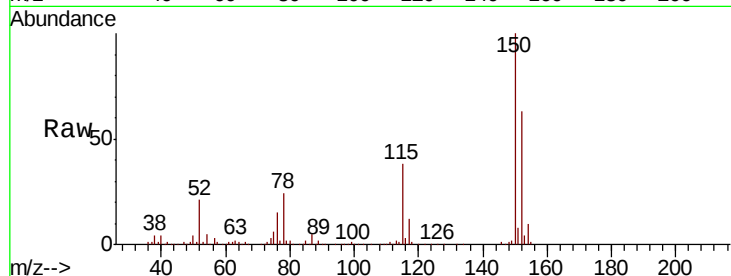


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.93 min Scan# 823  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Instrument :  
BNA\_F  
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SSTDCCC040

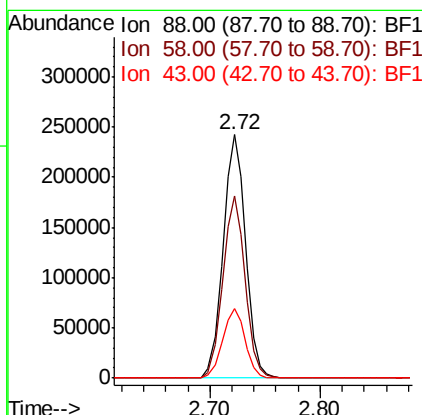
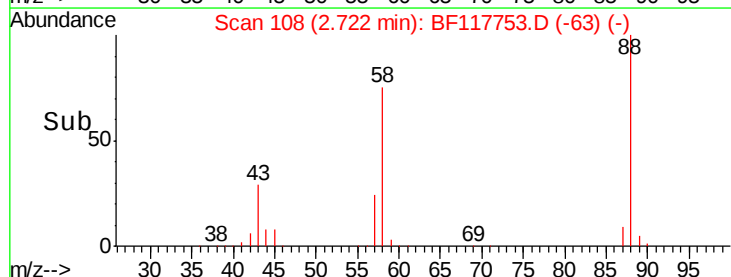
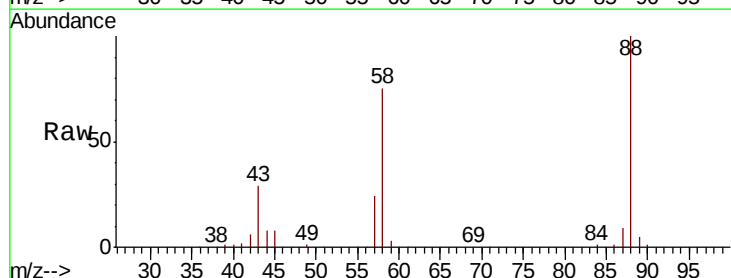
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Ion Ratio Lower Upper  
152 100  
150 158.3 121.4 182.2  
115 59.5 46.7 70.1

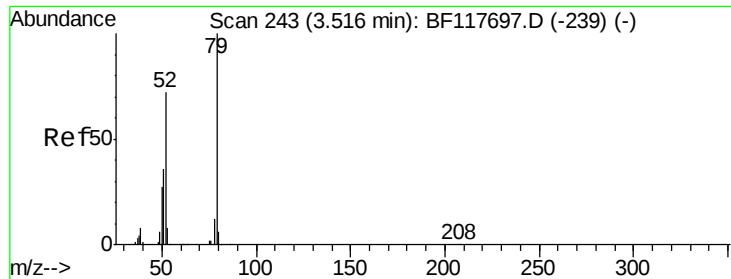


#2

1,4-Dioxane  
Concen: 40.807 ng  
RT: 2.72 min Scan# 108  
Delta R.T. -0.04 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion: 88 Resp: 344446  
Ion Ratio Lower Upper  
88 100  
58 74.0 60.1 90.1  
43 28.7 24.0 36.0





#3

Pvridine

Concen: 39.931 ng

RT: 3.49 min Scan# 239

Delta R.T. -0.02 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

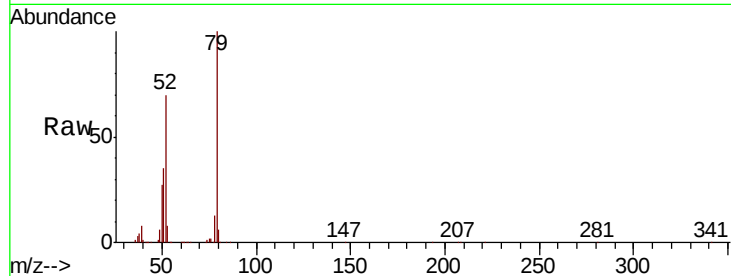
Tot Ion: 79 Resp: 927128

Ion Ratio Lower Upper

79 100

52 69.5 57.2 85.8

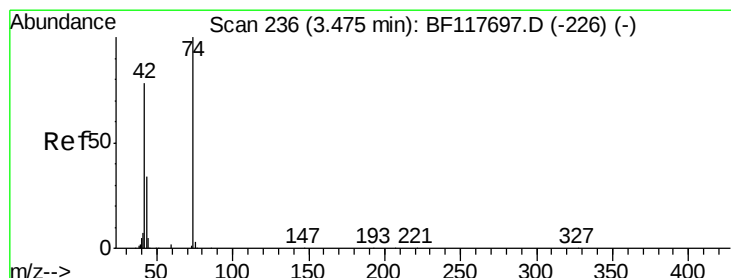
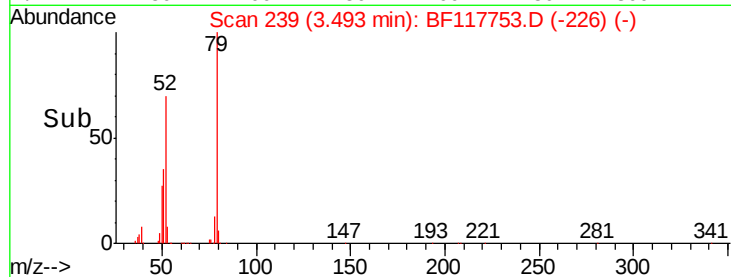
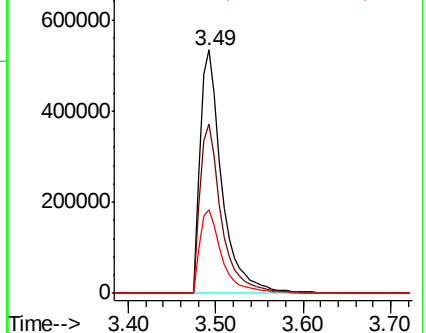
51 34.6 28.6 42.8



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: 39.006 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.03 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

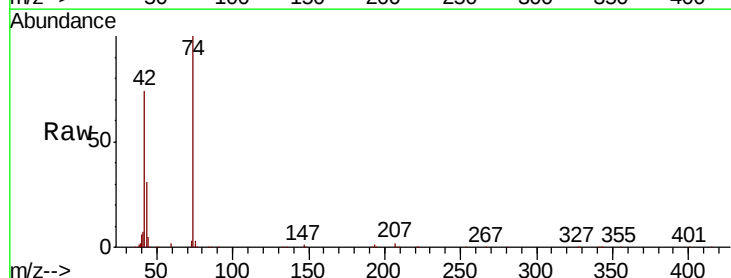
Tgt Ion: 42 Resp: 399103

Ion Ratio Lower Upper

42 100

74 135.6 103.1 154.7

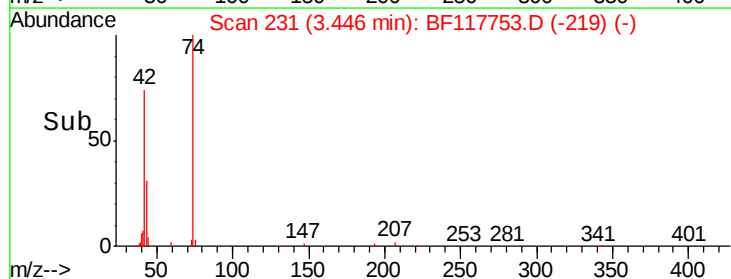
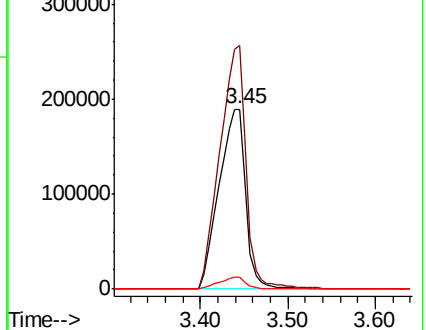
44 6.3 5.0 7.6

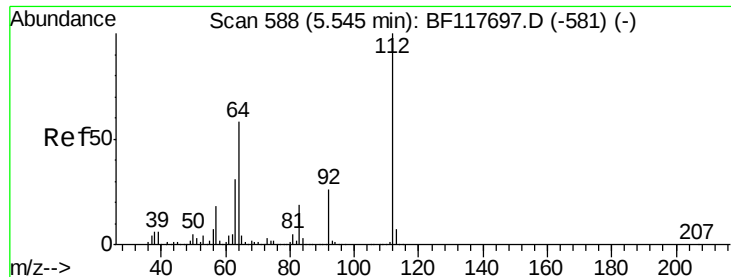


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.790 ng

RT: 5.54 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

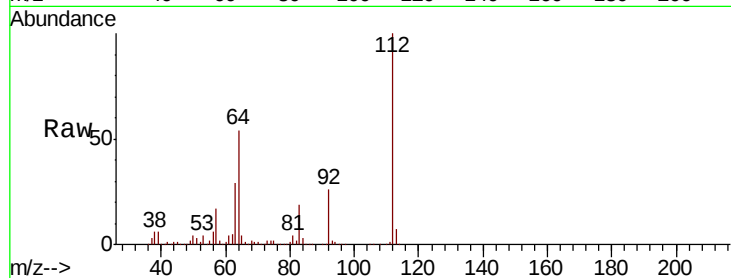
Tot Ion:112 Resp: 1385584

Ion Ratio Lower Upper

112 100

64 54.4 46.4 69.6

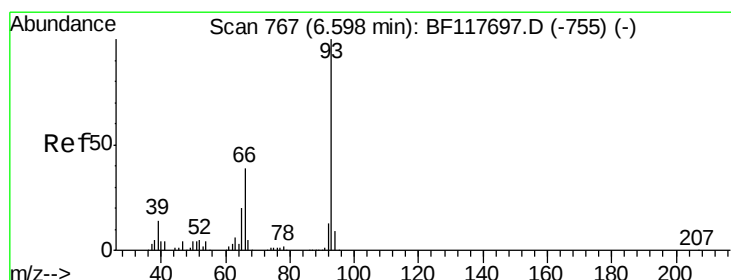
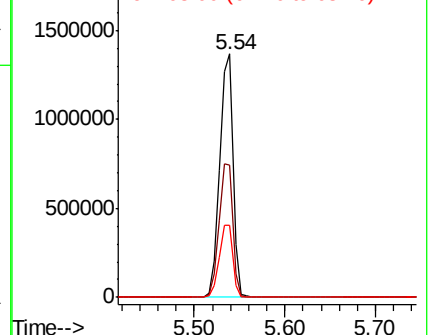
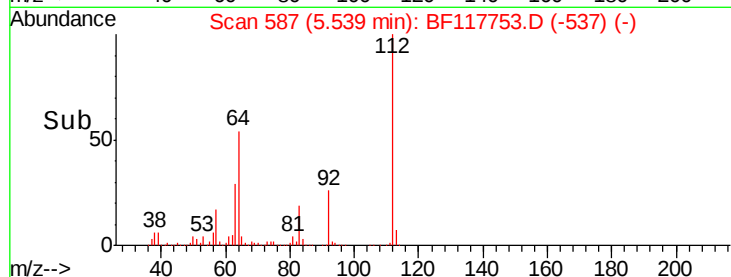
63 29.4 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.710 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

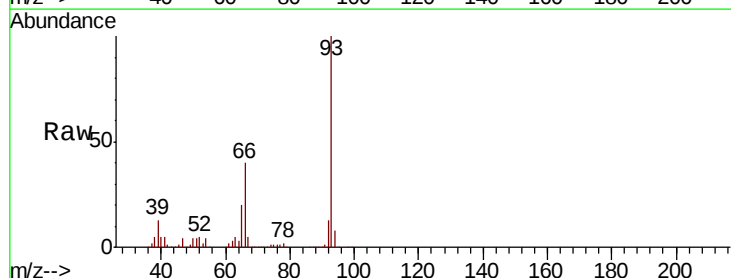
Tgt Ion: 93 Resp: 1164126

Ion Ratio Lower Upper

93 100

66 39.7 31.7 47.5

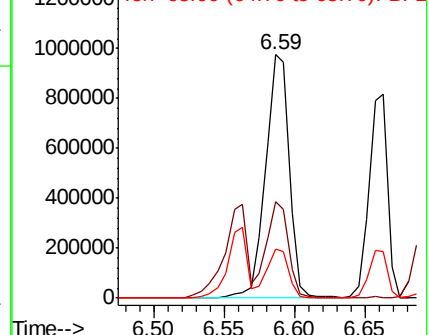
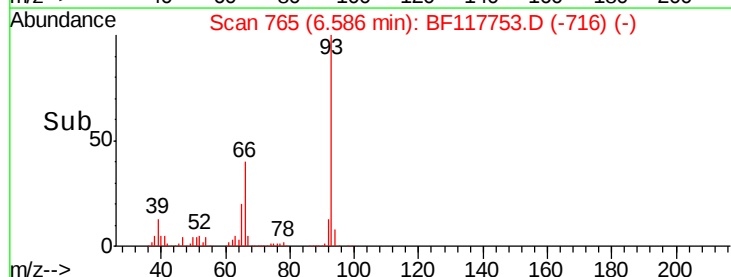
65 20.2 15.8 23.8

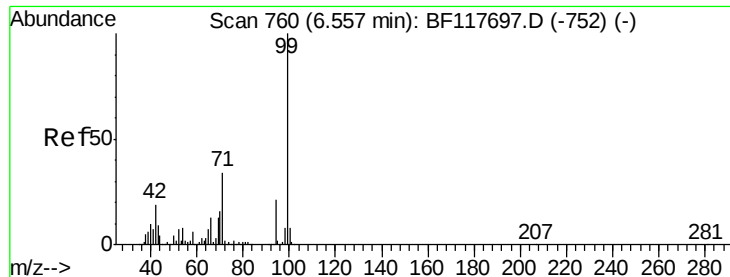


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.210 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117753.D

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Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

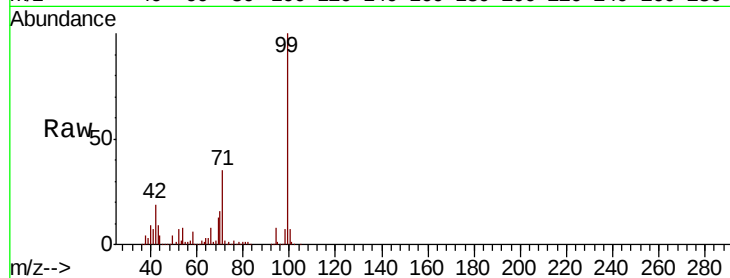
Tot Ion: 99 Resp: 1696341

Ion Ratio Lower Upper

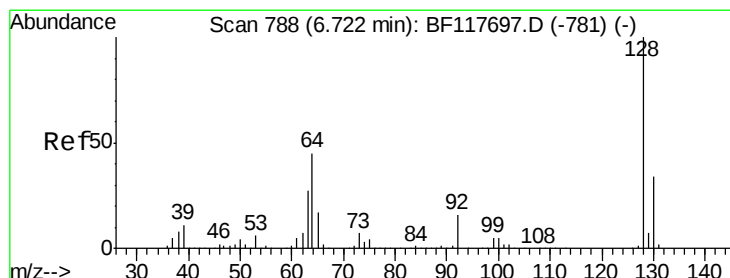
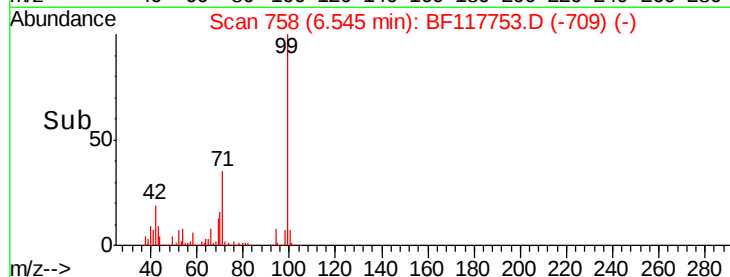
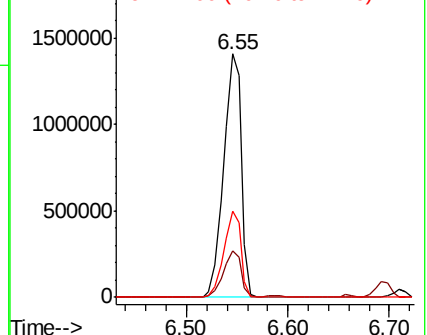
99 100

42 19.1 15.3 22.9

71 35.2 26.8 40.2



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: 41.438 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

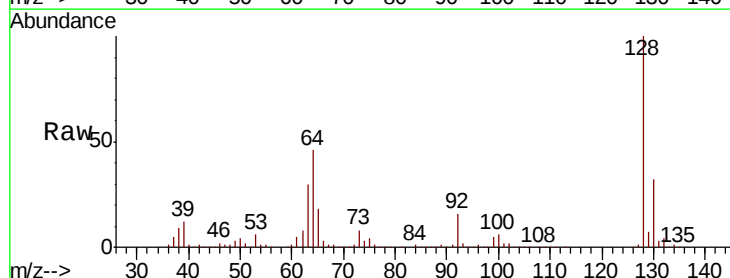
Tgt Ion: 128 Resp: 780917

Ion Ratio Lower Upper

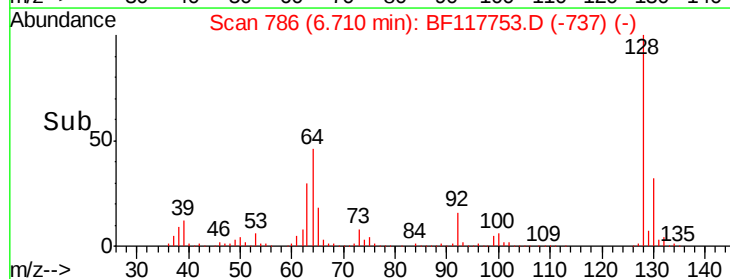
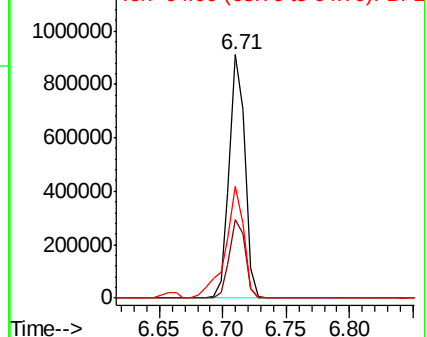
128 100

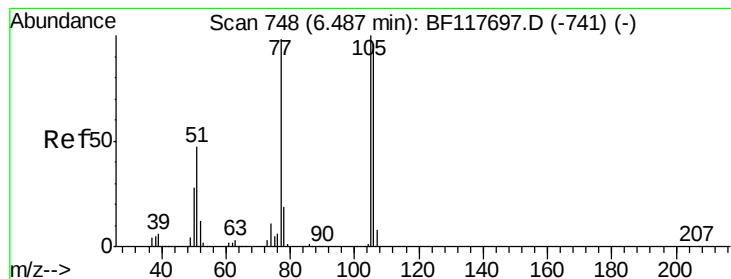
130 32.4 13.6 53.6

64 46.1 25.2 65.2



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: 38.417 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

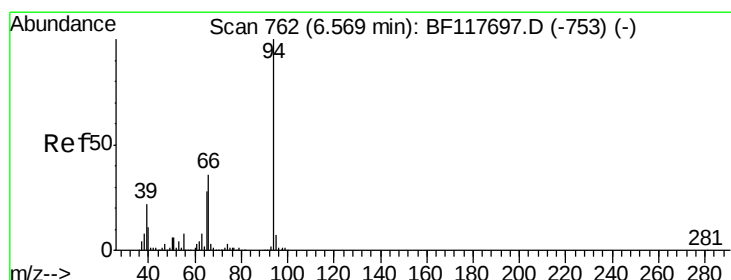
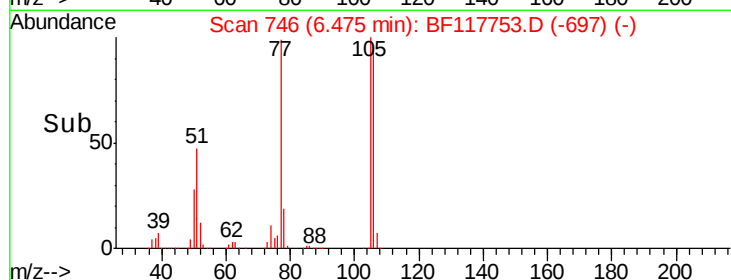
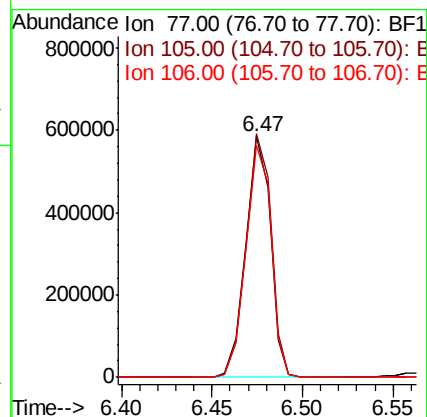
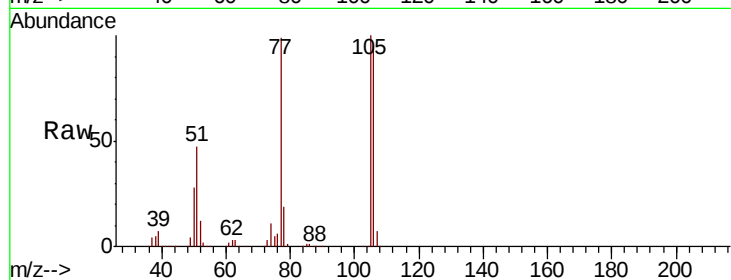
Tot Ion: 77 Resp: 558353

Ion Ratio Lower Upper

77 100

105 101.2 82.3 122.3

106 96.4 78.0 118.0



#10

Phenol

Concen: 41.103 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

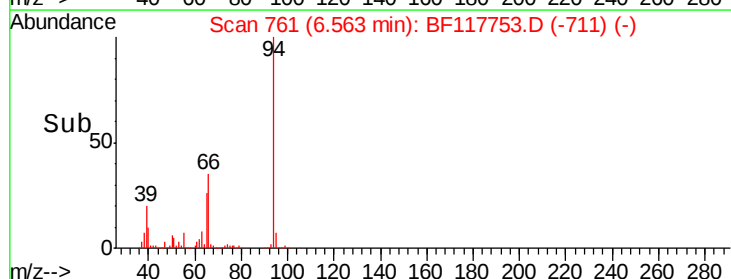
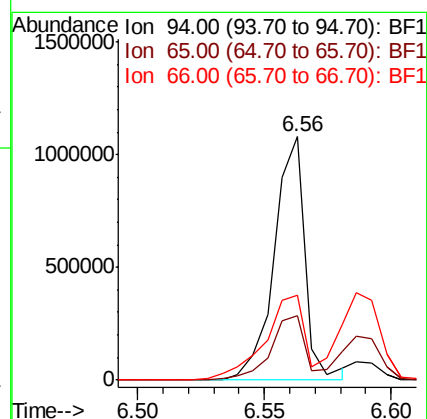
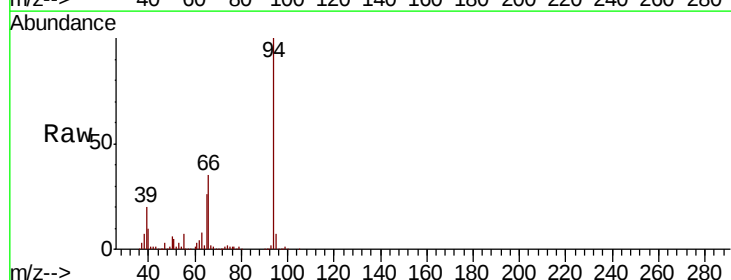
Tgt Ion: 94 Resp: 925144

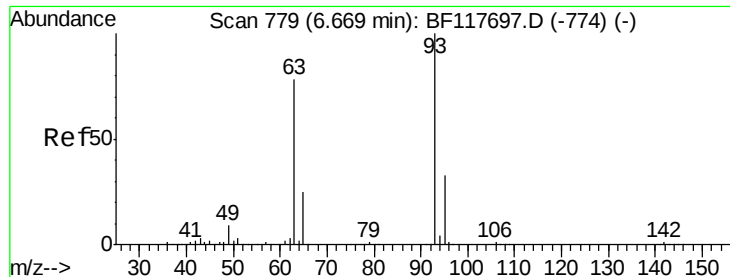
Ion Ratio Lower Upper

94 100

65 26.4 7.6 47.6

66 34.9 16.1 56.1

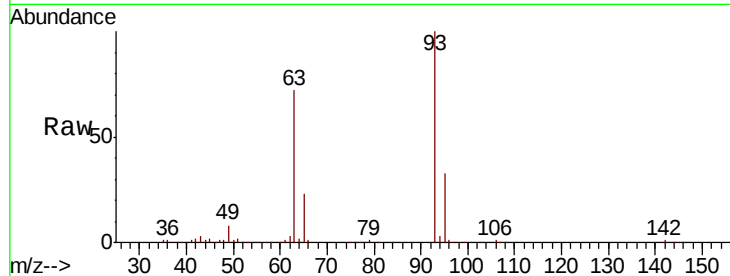




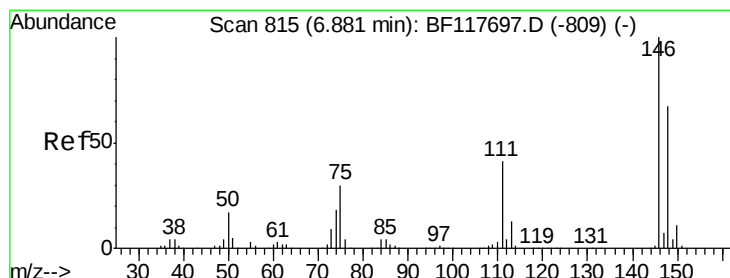
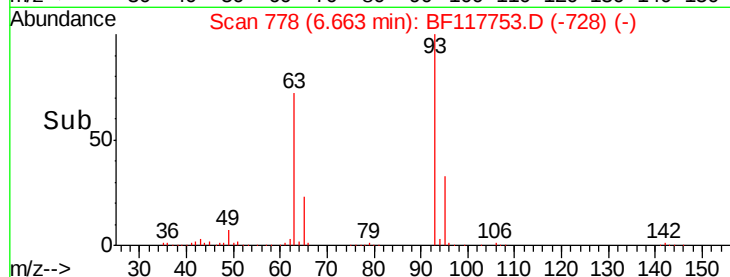
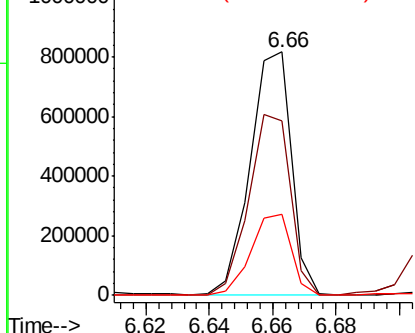
#11  
 bis(2-Chloroethyl)ether  
 Concen: 39.708 ng  
 RT: 6.66 min Scan# 778  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion: 93 Resp: 738026  
 Ion Ratio Lower Upper  
 93 100  
 63 71.6 57.6 97.6  
 95 33.1 12.7 52.7

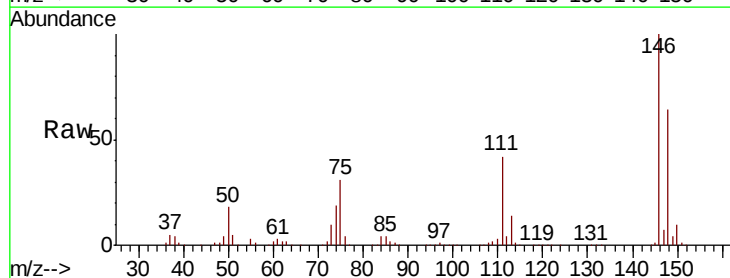


Abundance Ion 93.00 (92.70 to 93.70): BF1  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 95.00 (94.70 to 95.70): BF1

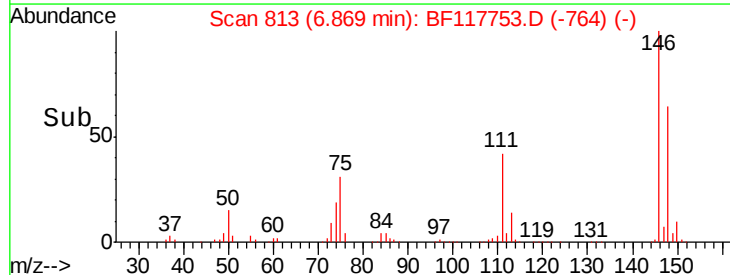
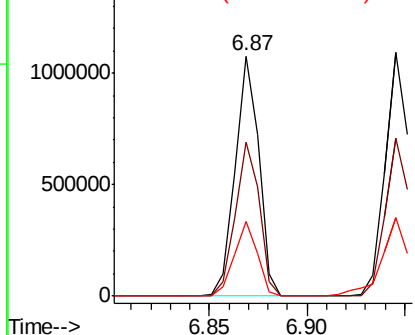


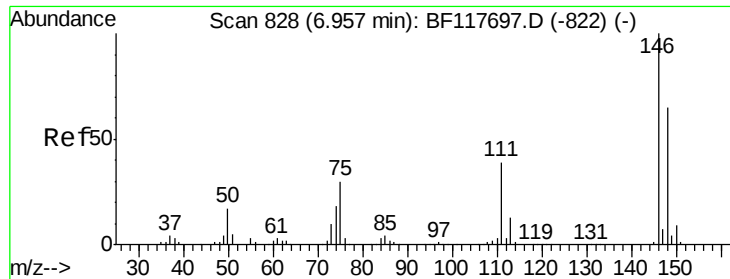
#12  
 1,3-Dichlorobenzene  
 Concen: 41.456 ng  
 RT: 6.87 min Scan# 813  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

Tgt Ion: 146 Resp: 905617  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 53.4 80.2  
 75 31.0 24.0 36.0



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

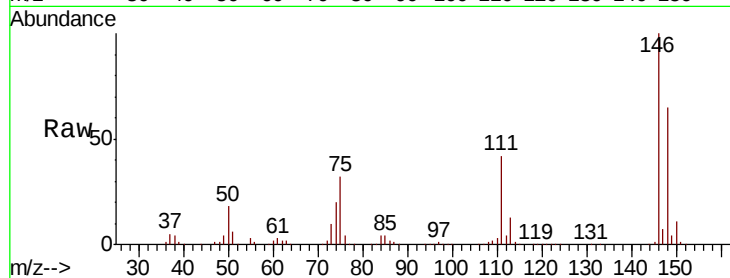




#13  
 1,4-Dichlorobenzene  
 Concen: 41.108 ng  
 RT: 6.95 min Scan# 826  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 51.9  | 77.9  |
| 111     | 41.6  | 31.6  | 47.4  |

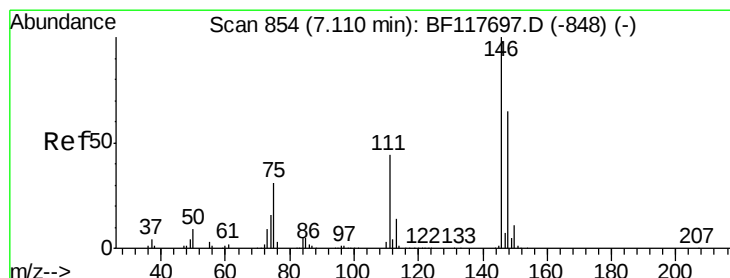
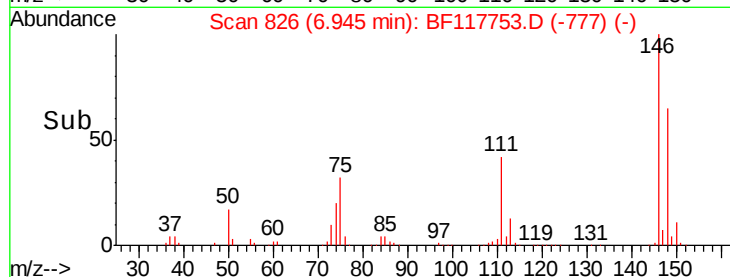
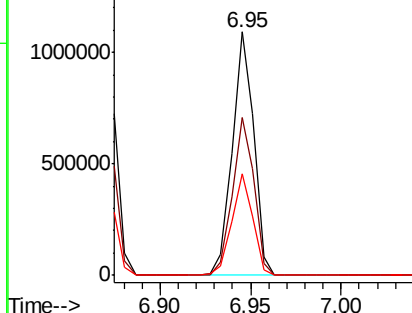


Abundance

Ion 146.00 (145.70 to 146.70): E

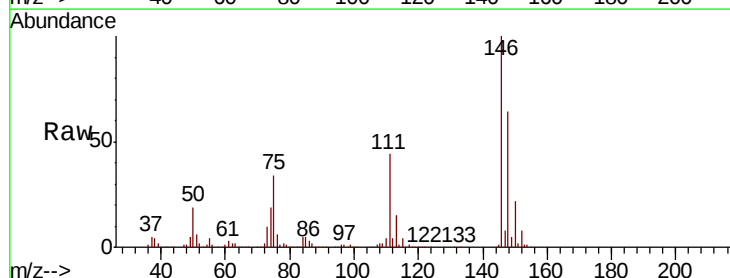
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 41.953 ng  
 RT: 7.10 min Scan# 852  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 52.1  | 78.1  |
| 111     | 44.0  | 35.1  | 52.7  |

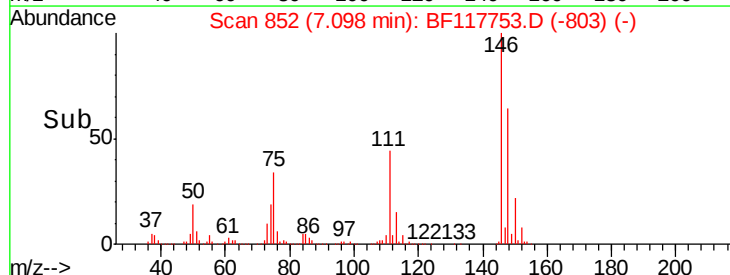
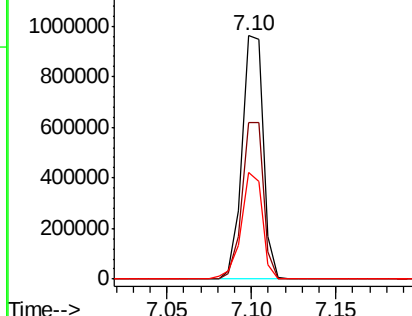


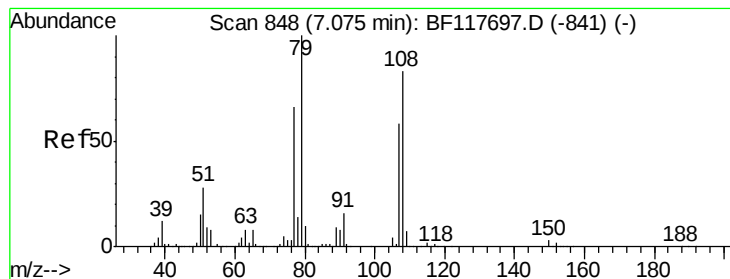
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.963 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

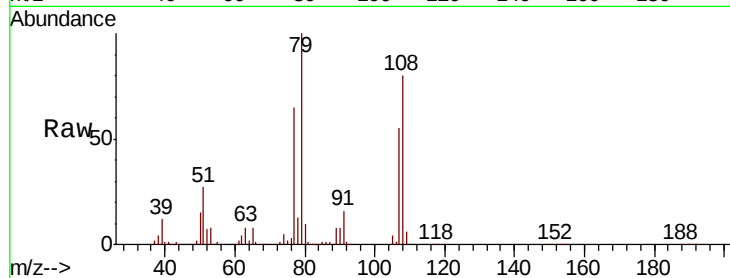
Tot Ion: 79 Resp: 665592

Ion Ratio Lower Upper

79 100

108 80.1 66.5 99.7

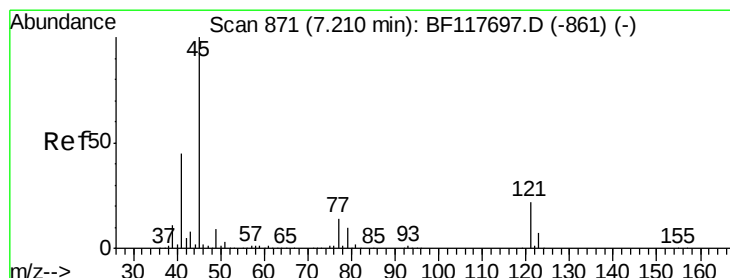
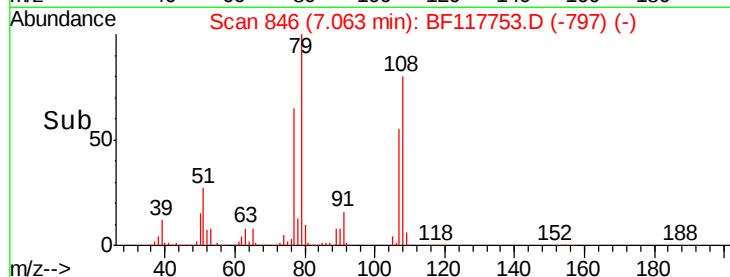
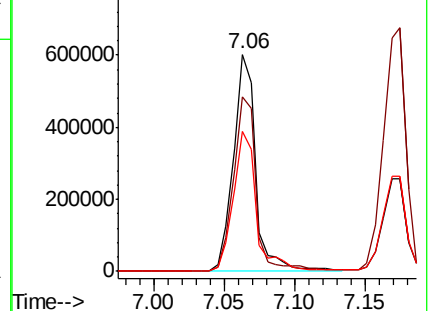
77 64.5 52.9 79.3



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: 38.298 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

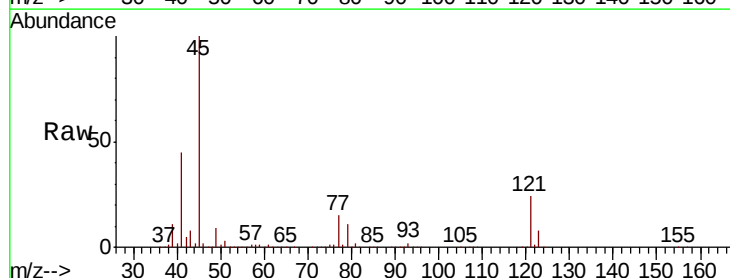
Tgt Ion: 45 Resp: 1125475

Ion Ratio Lower Upper

45 100

77 14.6 0.0 33.8

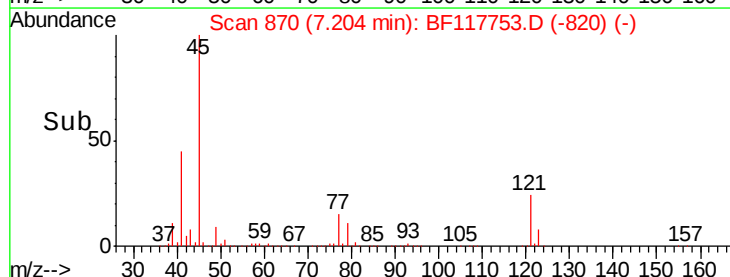
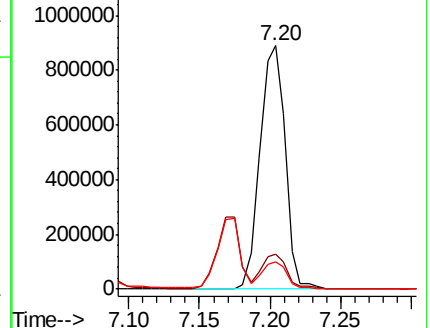
79 11.3 0.0 30.5

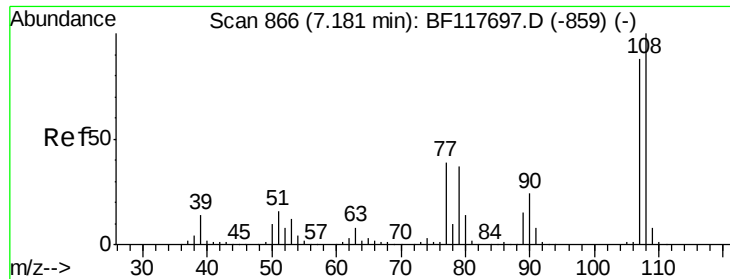


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

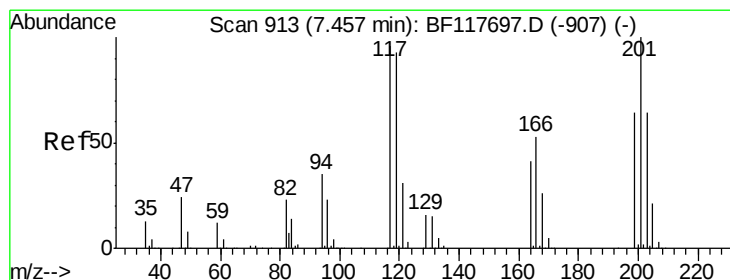
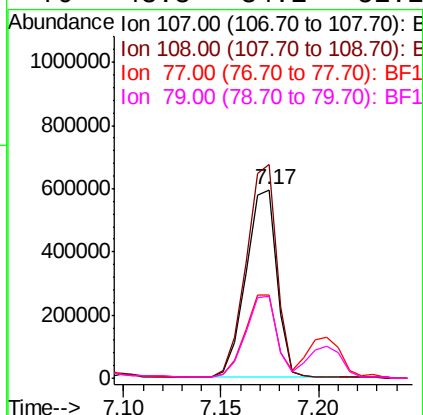
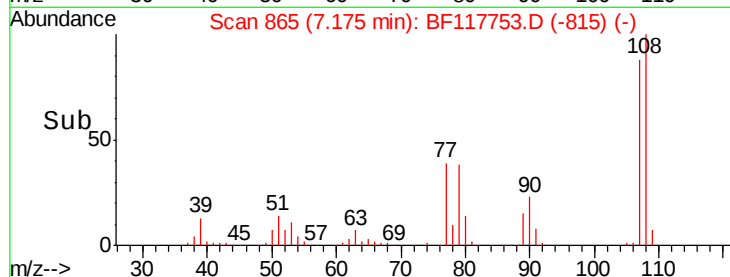
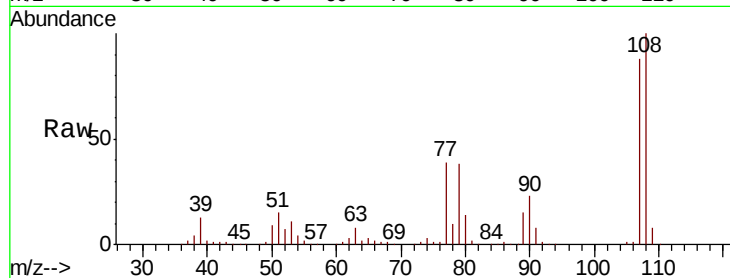




#17  
2-Methylphenol  
Concen: 40.429 ng  
RT: 7.17 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

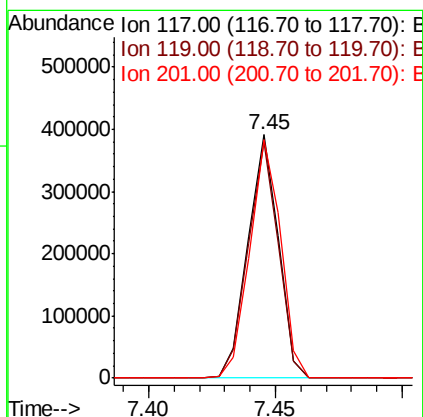
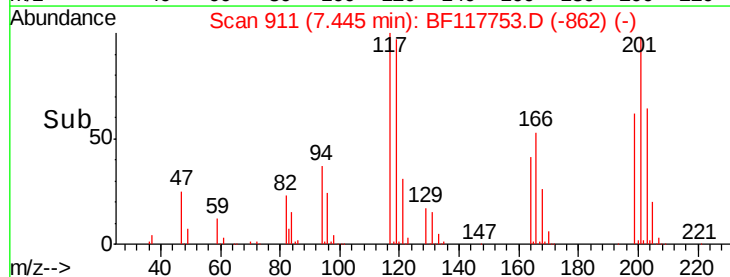
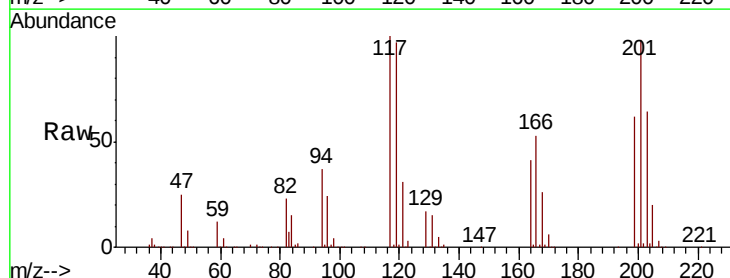
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

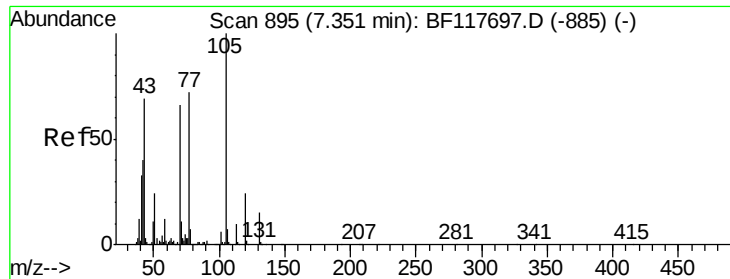
Tot Ion:107 Resp: 654376  
Ion Ratio Lower Upper  
107 100  
108 113.4 91.1 136.7  
77 44.1 35.8 53.8  
79 43.3 34.1 51.1



#18  
Hexachloroethane  
Concen: 40.384 ng  
RT: 7.45 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion:117 Resp: 326427  
Ion Ratio Lower Upper  
117 100  
119 96.7 77.7 116.5  
201 98.0 83.2 124.8

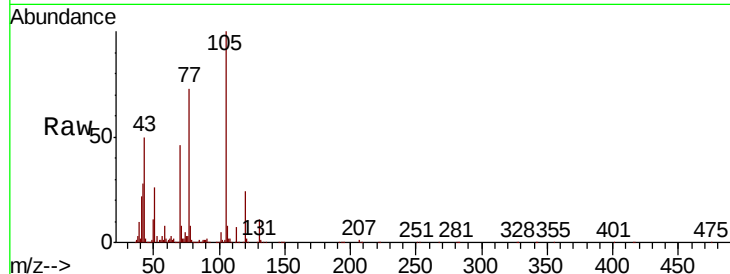




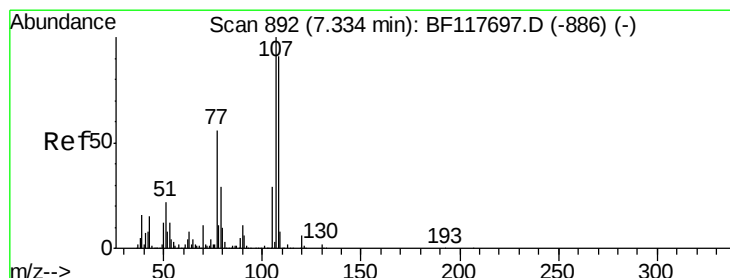
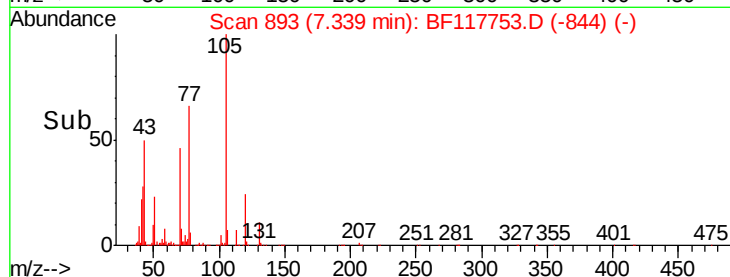
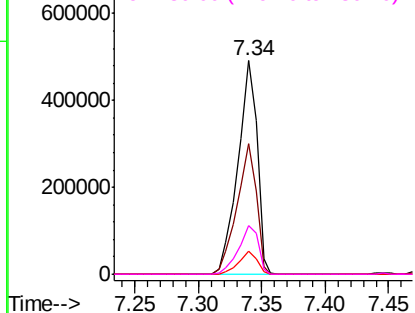
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.306 ng  
RT: 7.34 min Scan# 893  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 512382 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 60.9  | 49.1  | 73.7   |
| 101      | 10.5  | 7.8   | 11.8   |
| 130      | 23.0  | 17.9  | 26.9   |

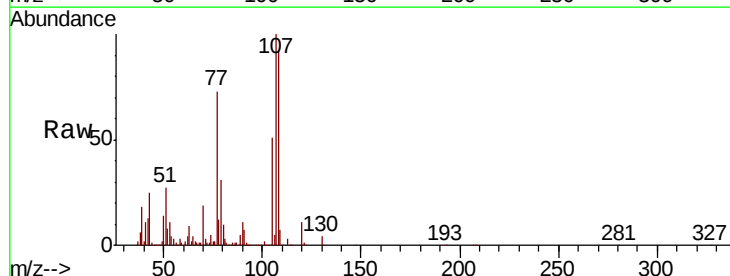


Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

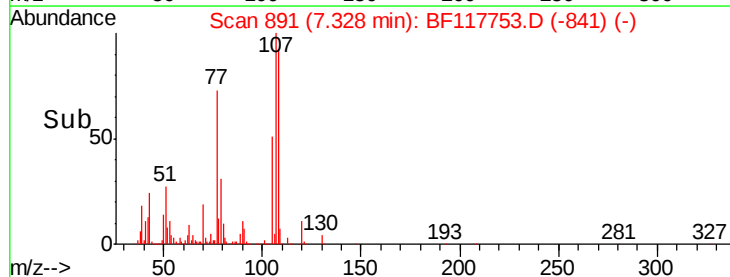
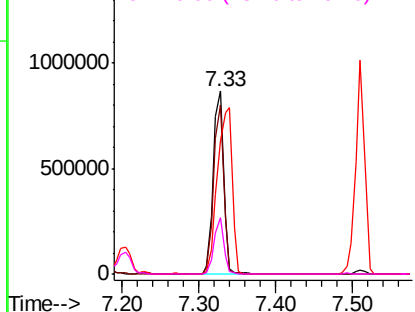


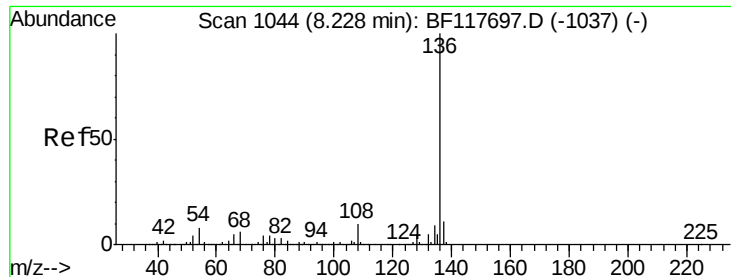
#20  
3+4-Methylphenols  
Concen: 40.999 ng  
RT: 7.33 min Scan# 891  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 790175 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 92.4  | 70.5  | 110.5  |
| 77       | 72.8  | 35.6  | 75.6   |
| 79       | 30.6  | 8.7   | 48.7   |



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1133554

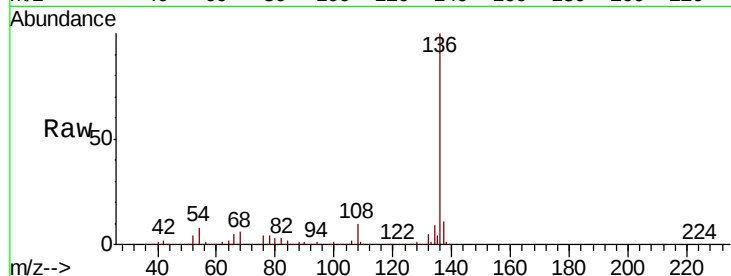
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.6 6.0 9.0

68 5.8 4.8 7.2

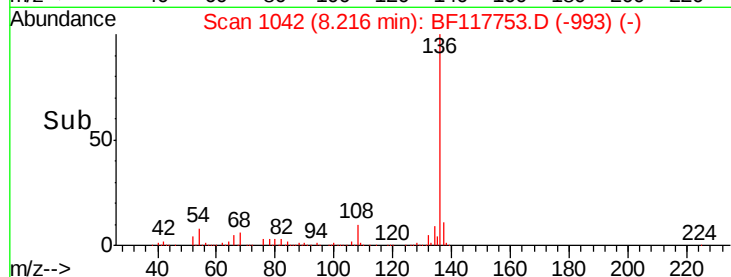


Abundance Ion 136.00 (135.70 to 136.70): E

2000000 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



8.22

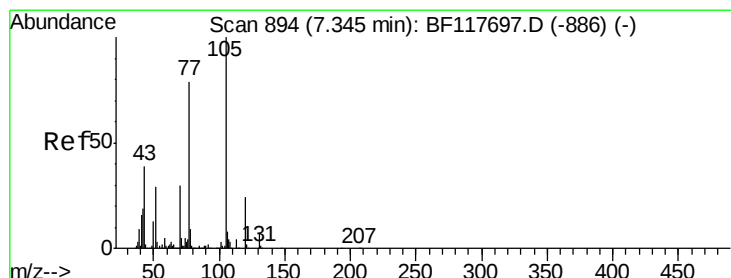
1500000

1000000

500000

0

Time--> 8.15 8.20 8.25



#22

Acetophenone

Concen: 40.440 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Tgt Ion:105 Resp: 1047702

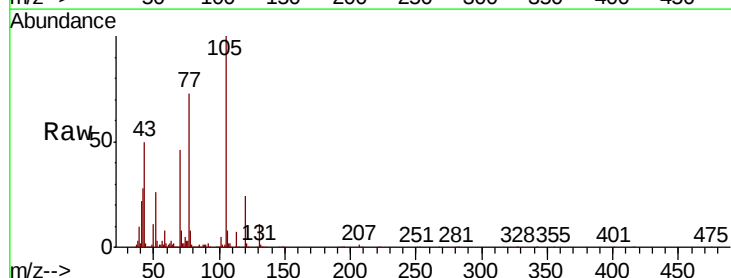
Ion Ratio Lower Upper

105 100

71 7.6 3.9 5.9#

51 25.8 23.0 34.4

120 23.5 19.1 28.7

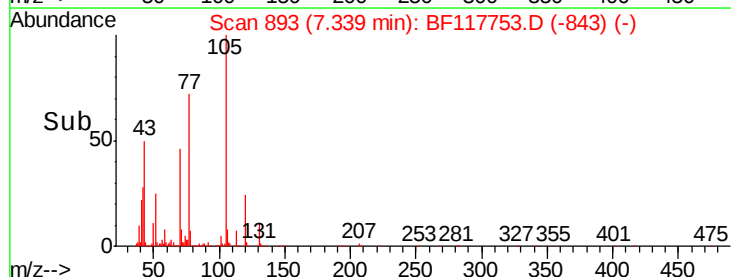


Abundance Ion 105.00 (104.70 to 105.70): E

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



7.34

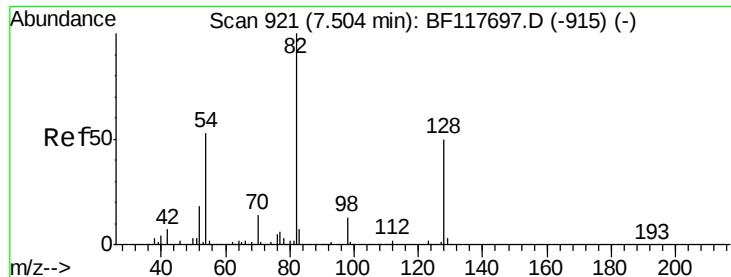
1500000

1000000

500000

0

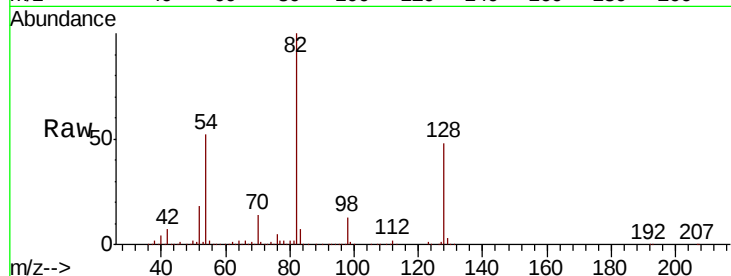
Time--> 7.30 7.35 7.40



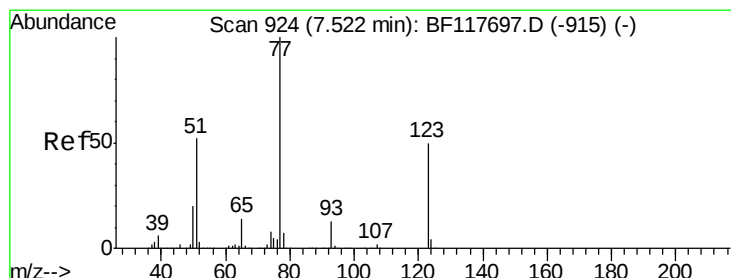
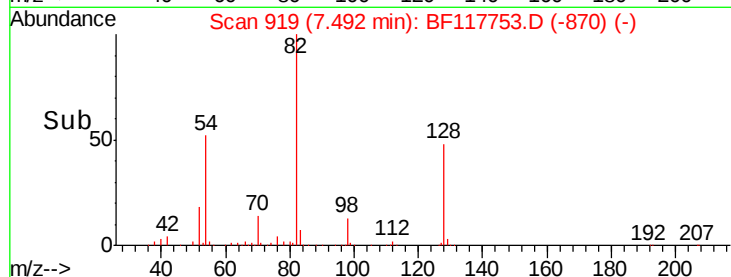
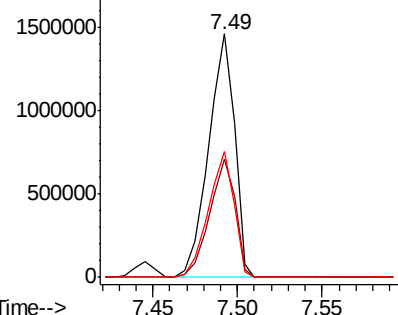
#23  
Nitrobenzene-d5  
Concen: 80.967 ng  
RT: 7.49 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion: 82 Resp: 1554569  
Ion Ratio Lower Upper  
82 100  
128 48.4 40.2 60.2  
54 51.8 42.0 63.0

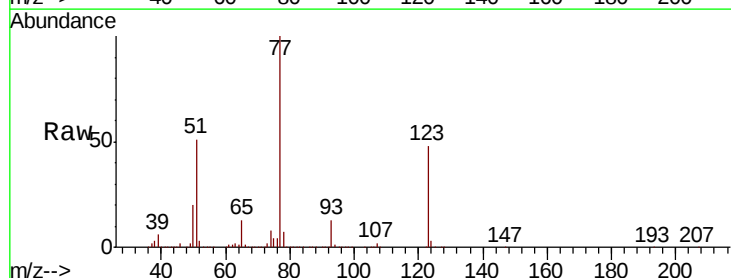


Abundance Ion 82.00 (81.70 to 82.70): BF1  
2000000 Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

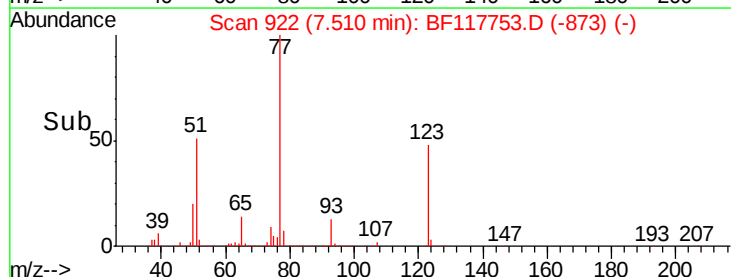
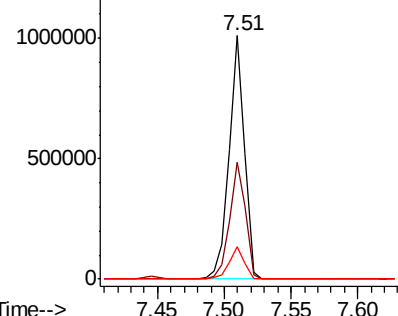


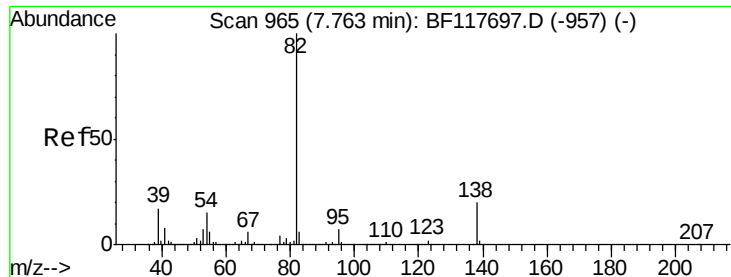
#24  
Nitrobenzene  
Concen: 40.295 ng  
RT: 7.51 min Scan# 922  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion: 77 Resp: 807878  
Ion Ratio Lower Upper  
77 100  
123 48.1 40.4 60.6  
65 13.5 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1  
1000000 Ion 123.00 (122.70 to 123.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1

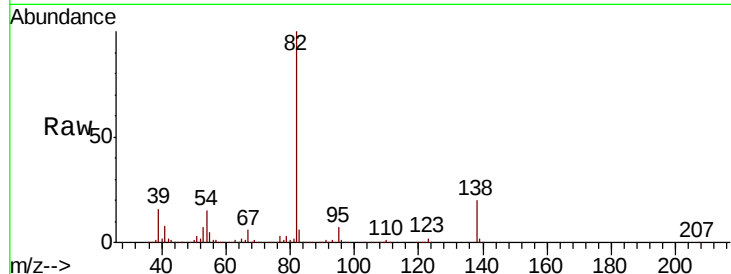




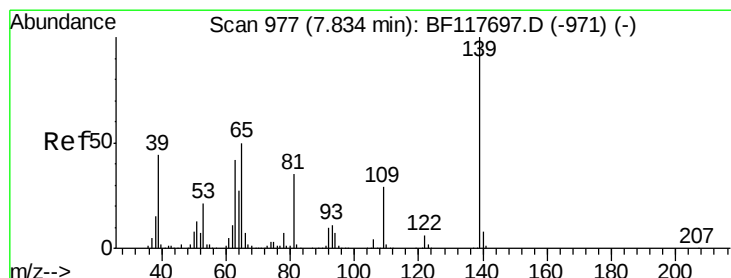
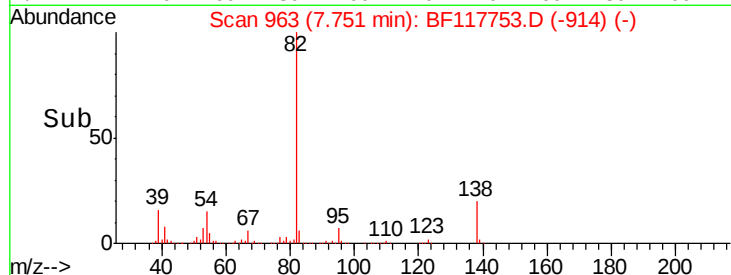
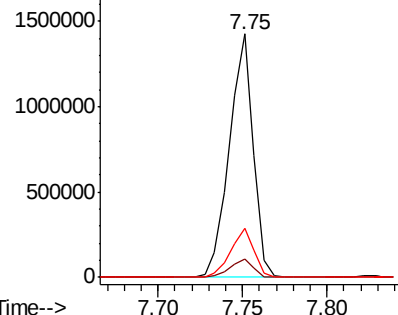
#25  
Isophorone  
Concen: 38.373 ng  
RT: 7.75 min Scan# 963  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion: 82 Resp: 1409171  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.8 8.6  
138 20.0 16.2 24.2

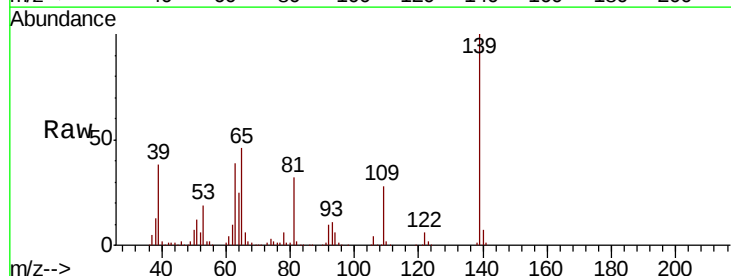


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1

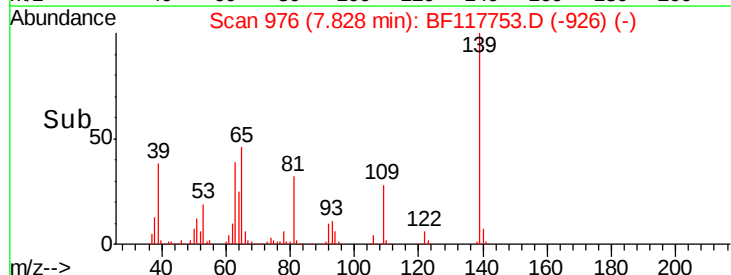
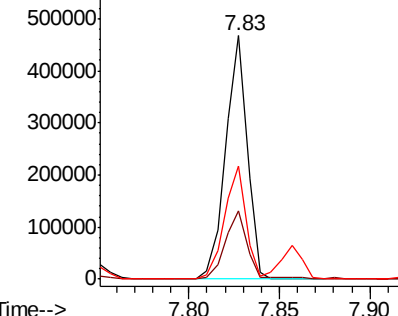


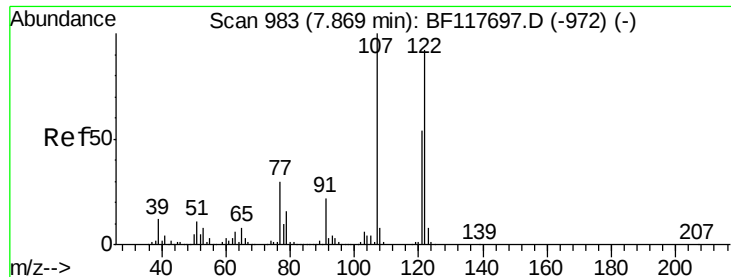
#26  
2-Nitrophenol  
Concen: 41.588 ng  
RT: 7.83 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion: 139 Resp: 387090  
Ion Ratio Lower Upper  
139 100  
109 27.9 22.8 34.2  
65 46.3 40.2 60.4



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: 39.814 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

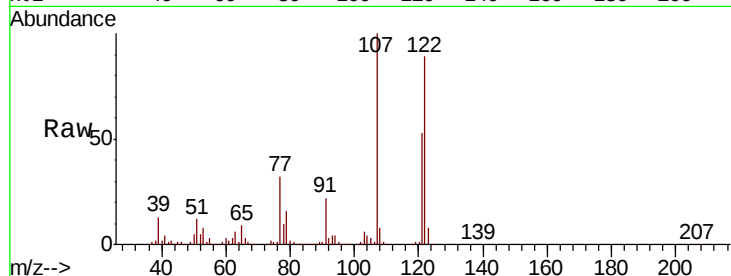
Tot Ion:122 Resp: 624860

Ion Ratio Lower Upper

122 100

107 112.2 87.1 130.7

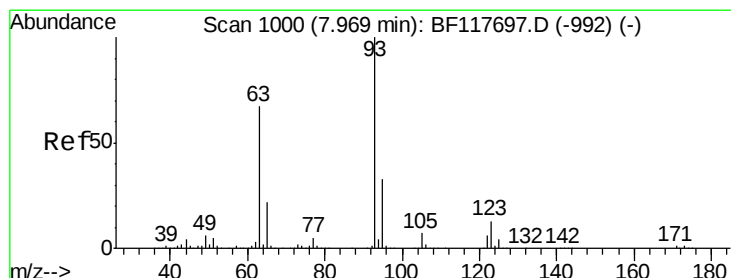
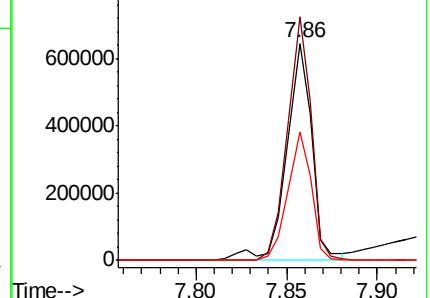
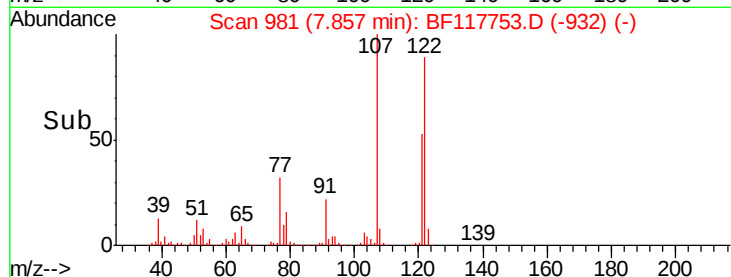
121 59.1 46.9 70.3



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: 38.478 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

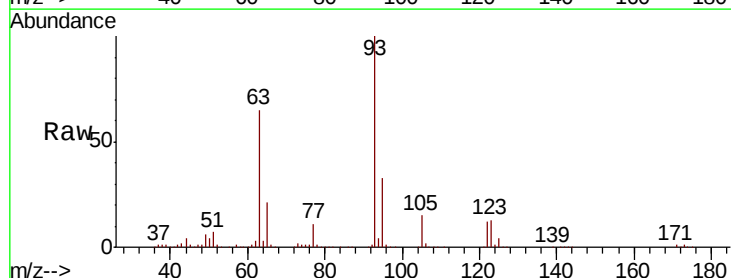
Tgt Ion: 93 Resp: 907040

Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

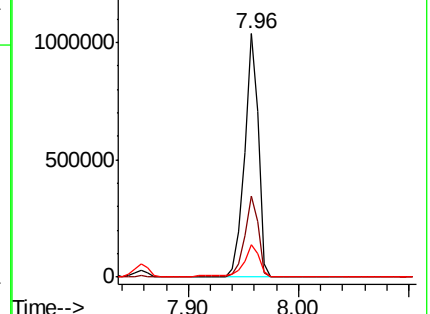
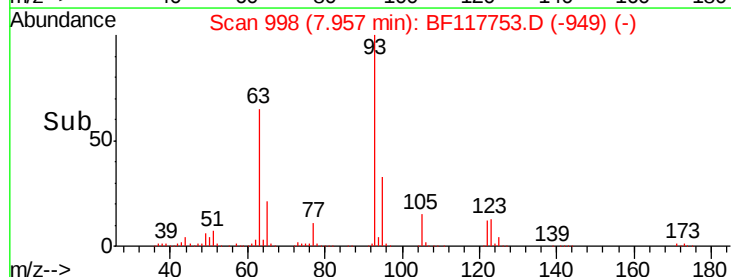
123 13.1 10.4 15.6

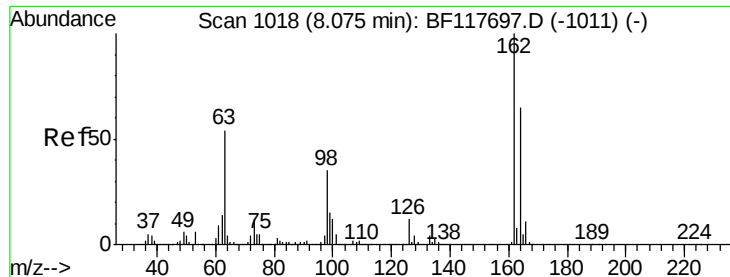


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

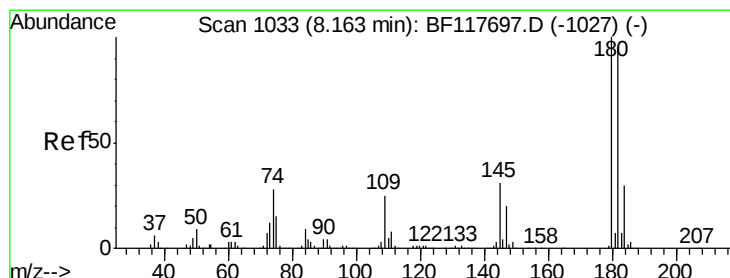
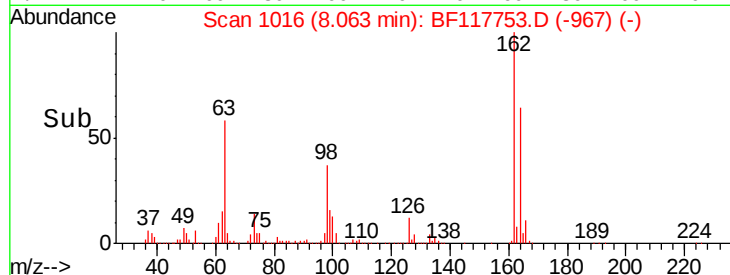
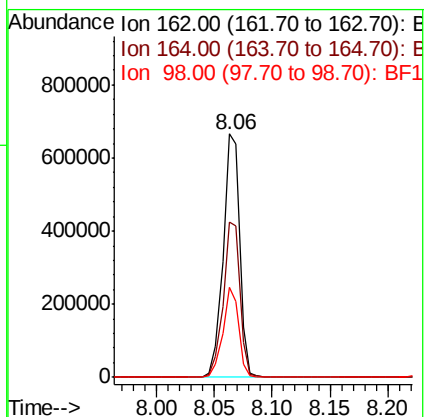
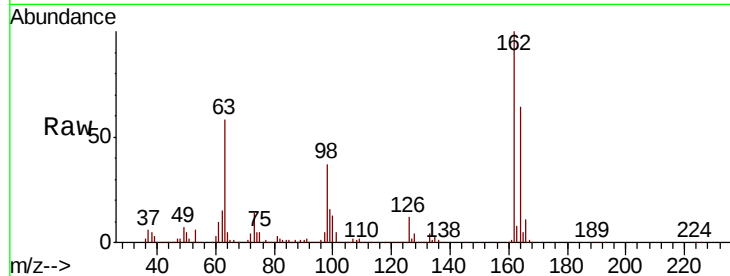




#29  
2,4-Dichlorophenol  
Concen: 41.179 ng  
RT: 8.06 min Scan# 1016  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

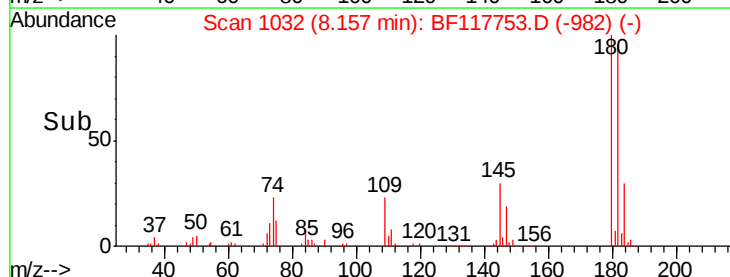
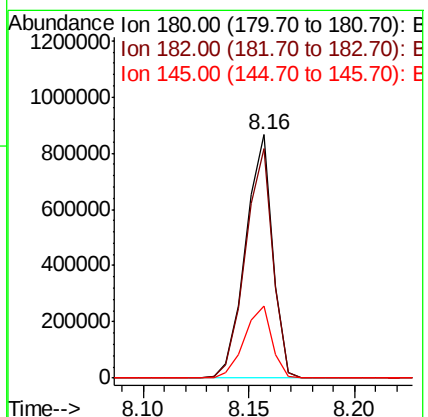
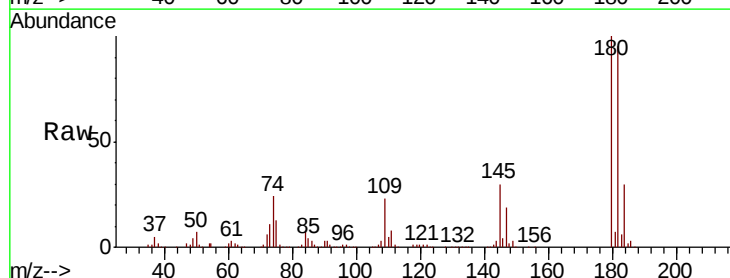
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

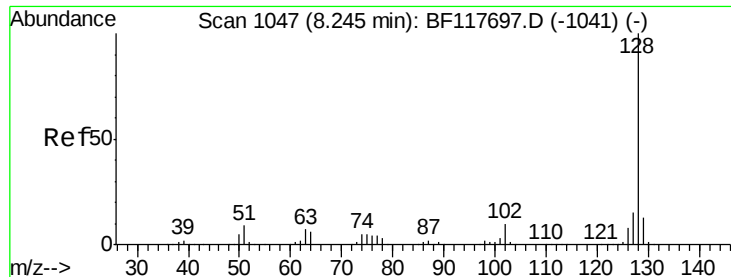
Tot Ion:162 Resp: 665840  
Ion Ratio Lower Upper  
162 100  
164 63.7 45.4 85.4  
98 37.1 15.5 55.5



#30  
1,2,4-Trichlorobenzene  
Concen: 41.534 ng  
RT: 8.16 min Scan# 1032  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion:180 Resp: 768805  
Ion Ratio Lower Upper  
180 100  
182 94.5 76.0 114.0  
145 29.8 25.0 37.4

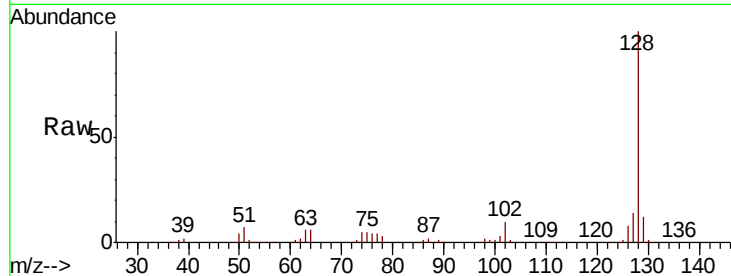




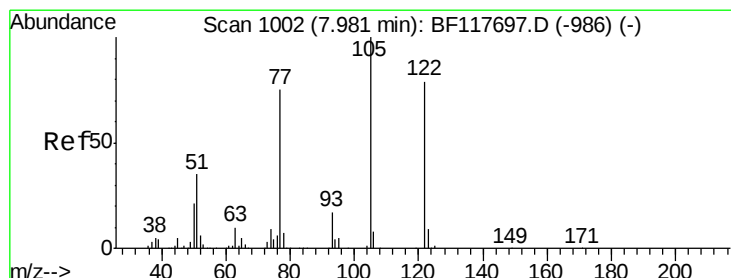
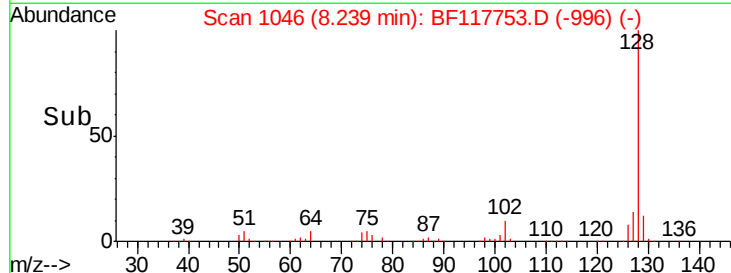
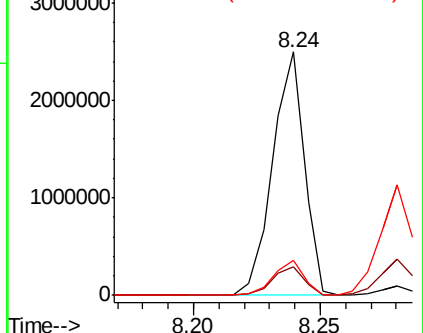
#31  
Naphthalene  
Concen: 41.854 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:128 Resp: 2168580  
Ion Ratio Lower Upper  
128 100  
129 12.0 10.1 15.1  
127 14.3 11.8 17.6

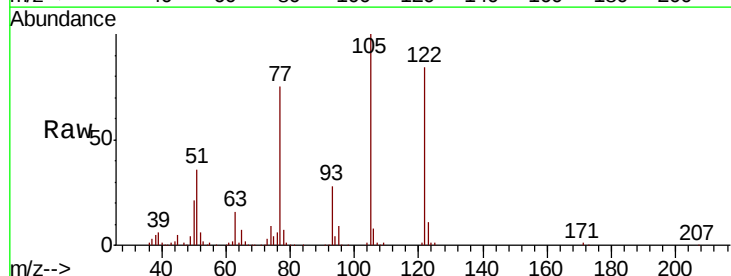


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

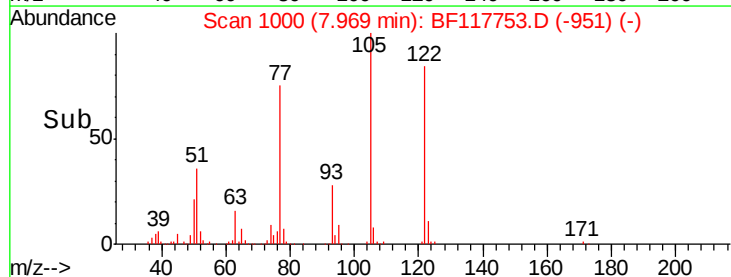
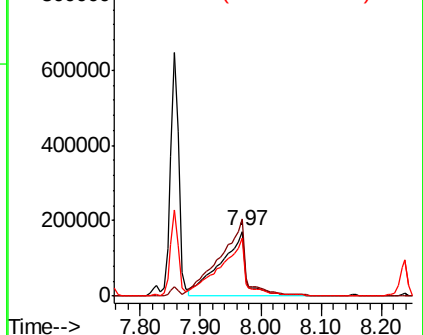


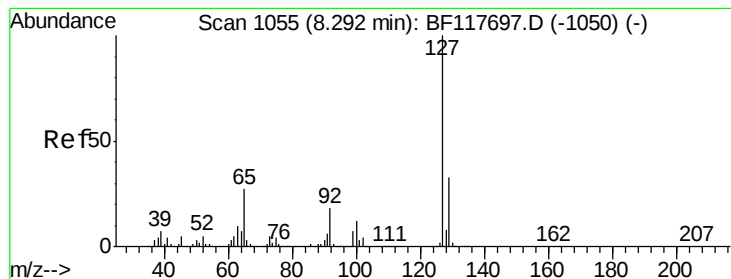
#32  
Benzoic acid  
Concen: 41.387 ng  
RT: 7.97 min Scan# 1000  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion:122 Resp: 514176  
Ion Ratio Lower Upper  
122 100  
105 119.4 102.8 142.8  
77 89.4 73.2 113.2



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

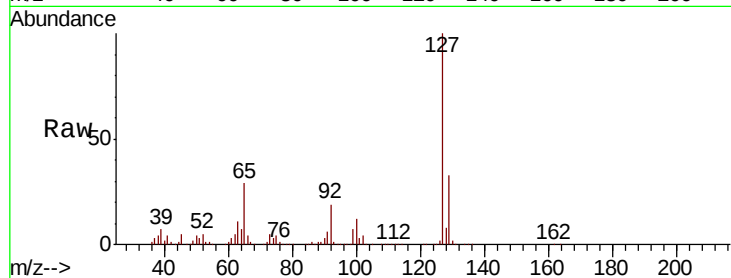




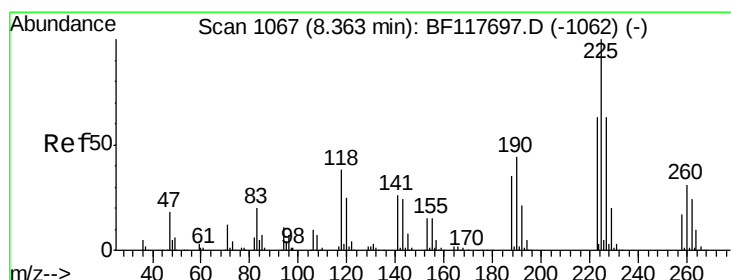
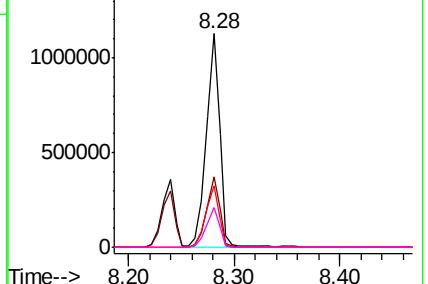
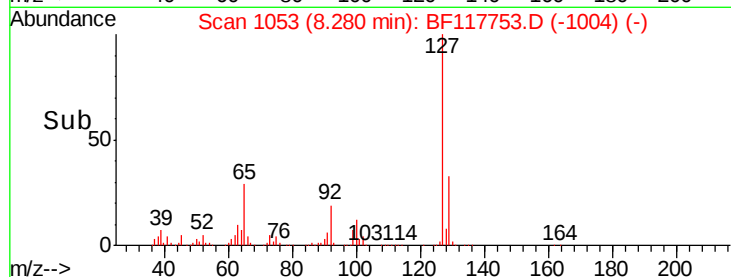
#33  
4-Chloroaniline  
Concen: 41.175 ng  
RT: 8.28 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 991312 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.2  | 26.6  | 39.8   |
| 65       | 28.8  | 21.7  | 32.5   |
| 92       | 18.6  | 14.1  | 21.1   |

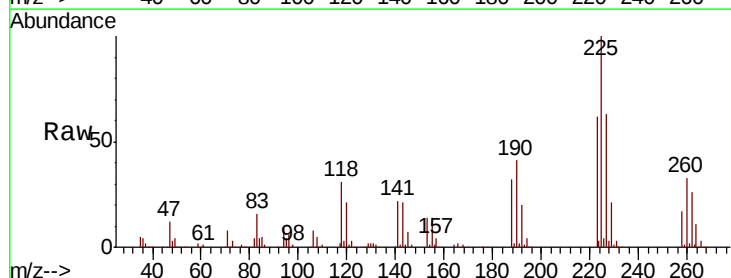


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

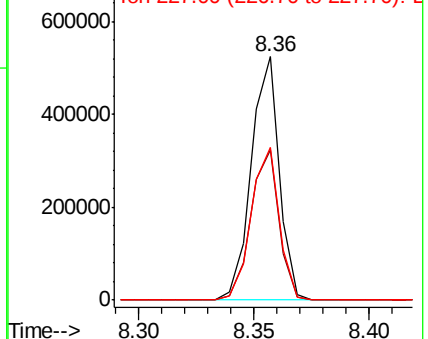
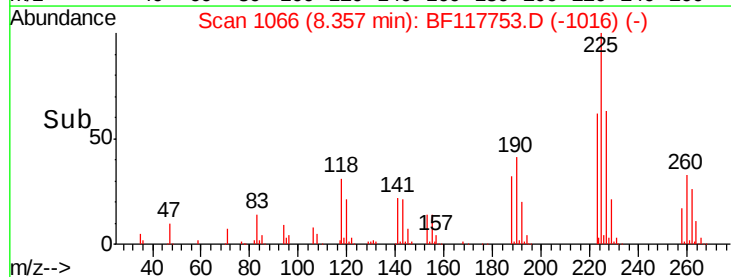


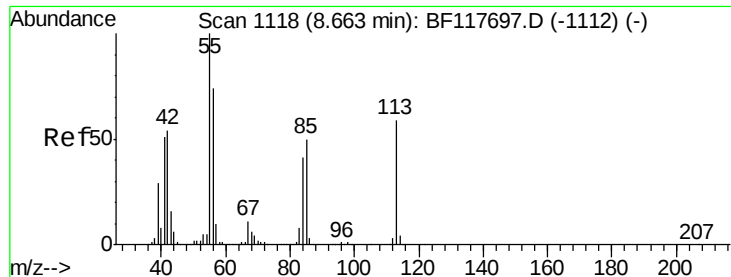
#34  
Hexachlorobutadiene  
Concen: 41.866 ng  
RT: 8.36 min Scan# 1066  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 443784 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.7  | 50.1  | 75.1   |
| 227      | 62.9  | 50.2  | 75.4   |



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

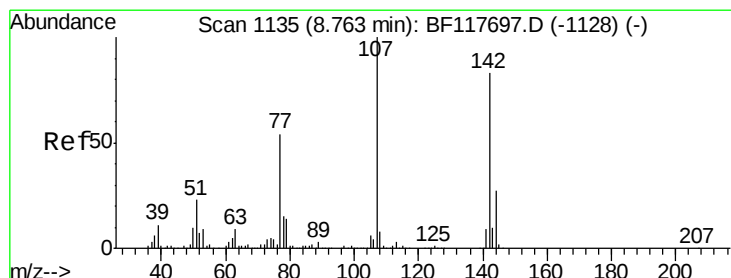
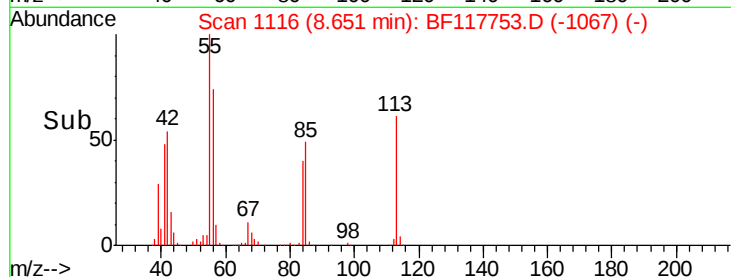
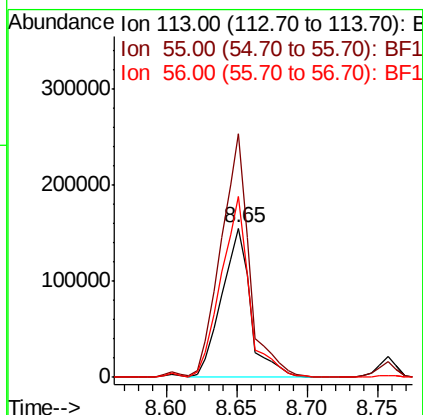
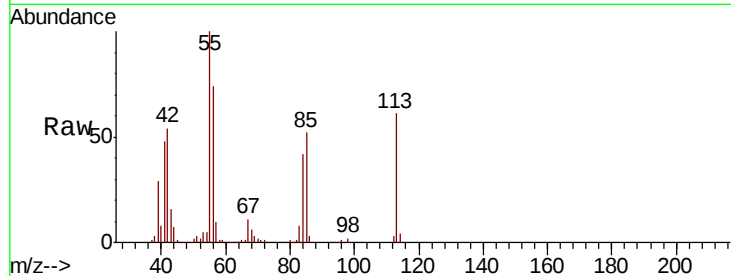




#35  
 Caprolactam  
 Concen: 41.422 ng  
 RT: 8.65 min Scan# 1116  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

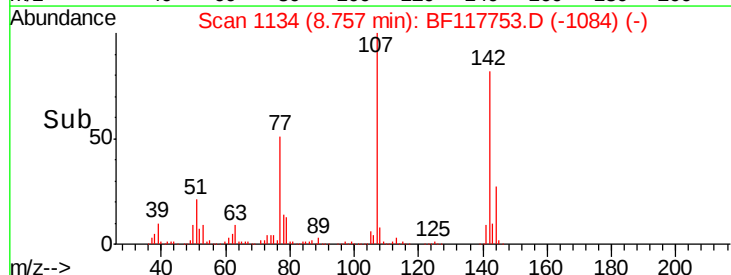
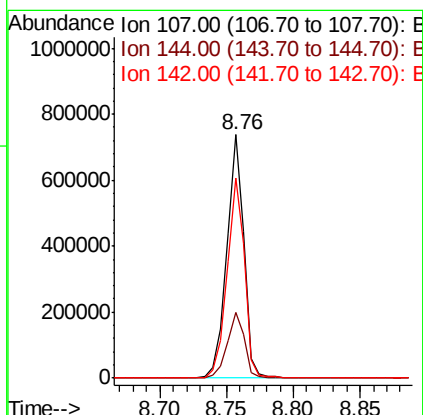
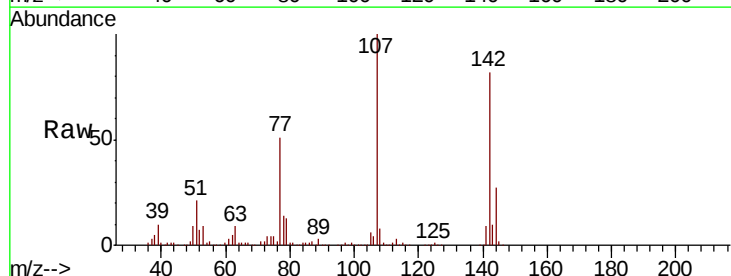
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

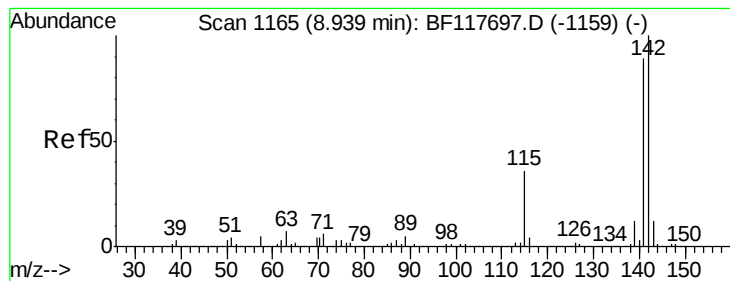
Tot Ion:113 Resp: 221993  
 Ion Ratio Lower Upper  
 113 100  
 55 163.2 150.5 190.5  
 56 121.2 106.2 146.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.198 ng  
 RT: 8.76 min Scan# 1134  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

Tgt Ion:107 Resp: 672190  
 Ion Ratio Lower Upper  
 107 100  
 144 27.1 21.5 32.3  
 142 82.4 66.7 100.1





#37

2-Methylnaphthalene

Concen: 41.805 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

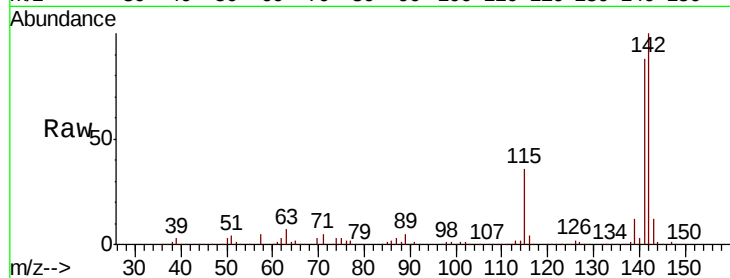
Tot Ion:142 Resp: 1474584

Ion Ratio Lower Upper

142 100

141 87.8 71.5 107.3

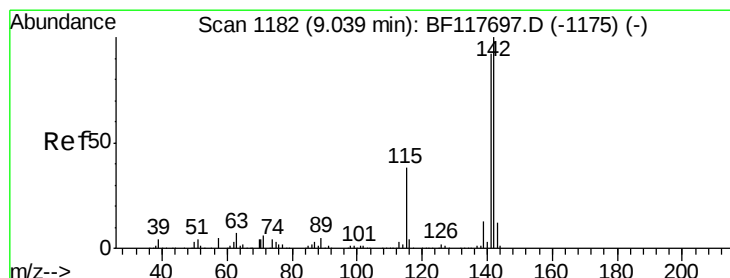
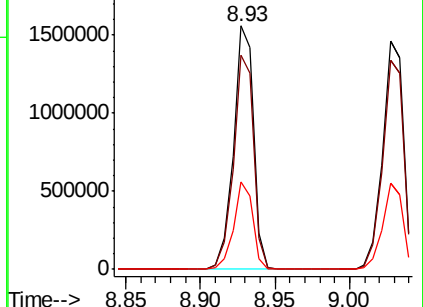
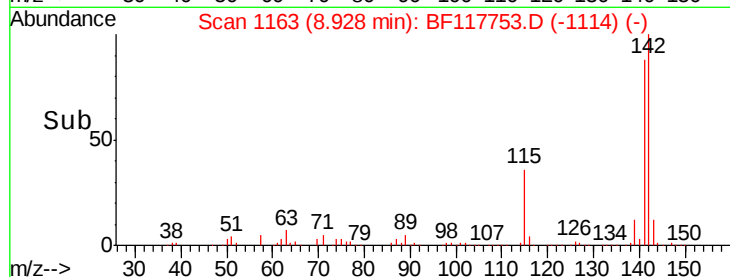
115 36.0 28.9 43.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.418 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

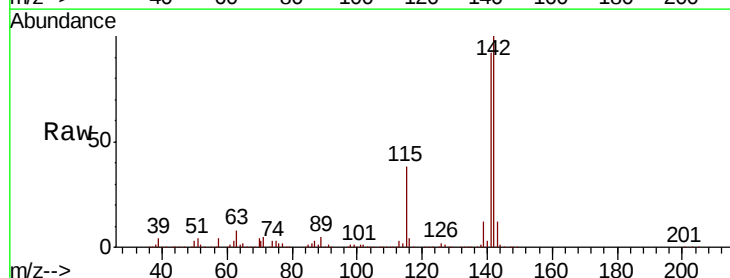
Tgt Ion:142 Resp: 1387360

Ion Ratio Lower Upper

142 100

141 91.9 73.3 109.9

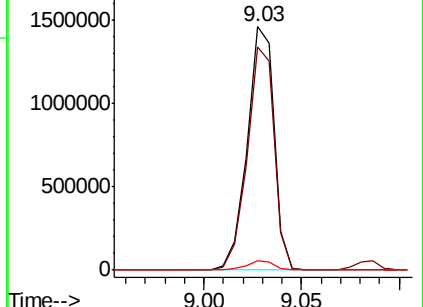
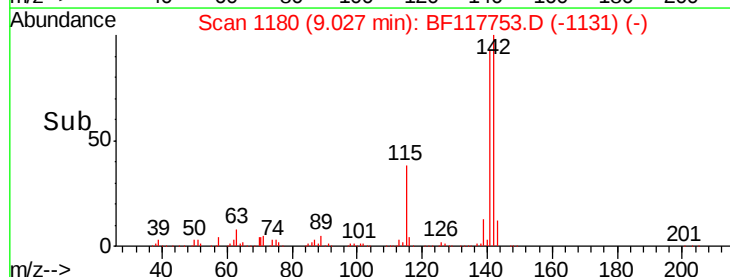
116 4.1 3.2 4.8

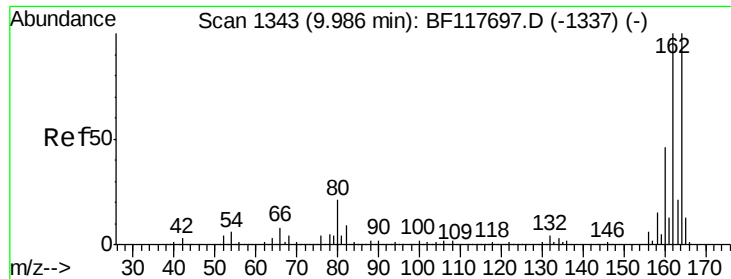


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

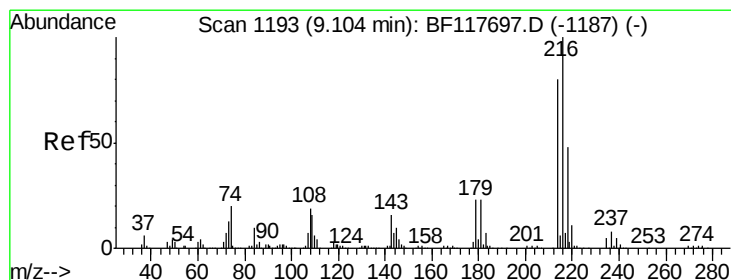
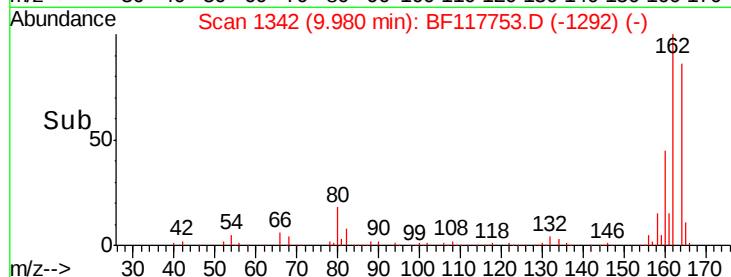
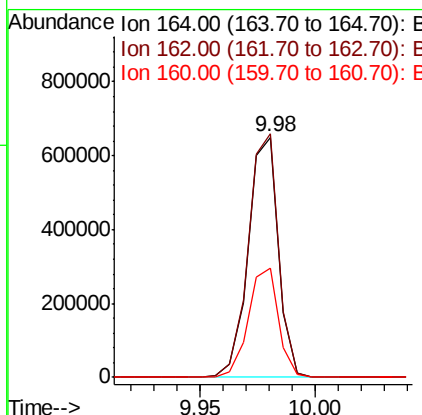
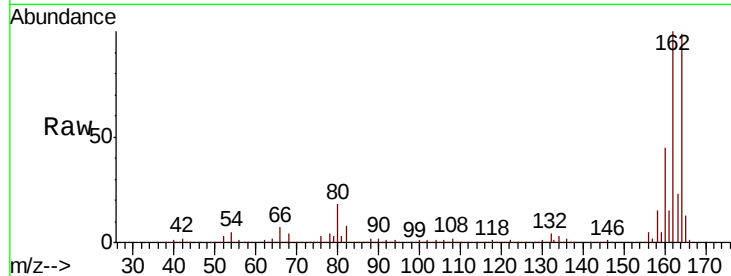




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

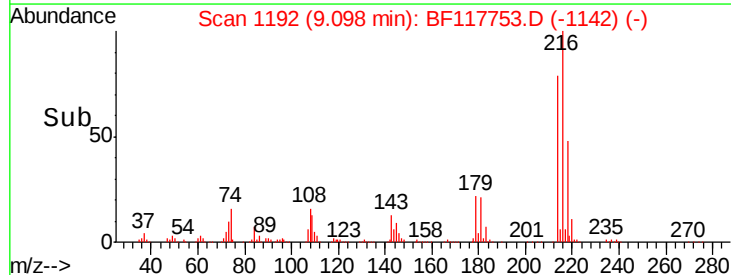
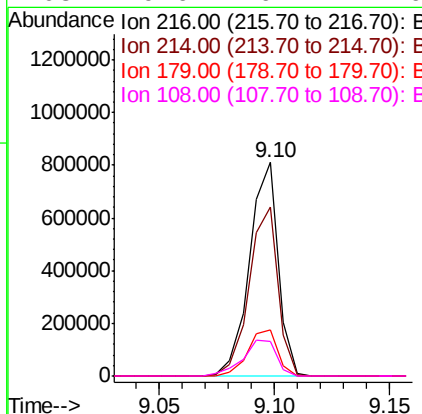
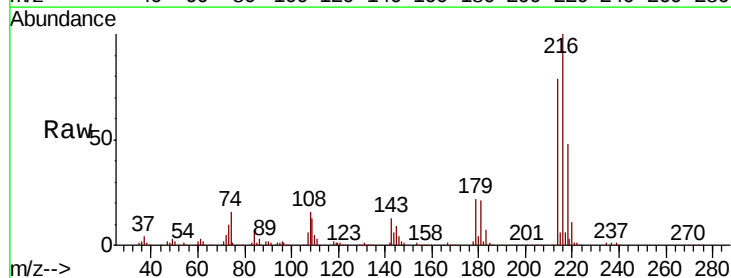
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

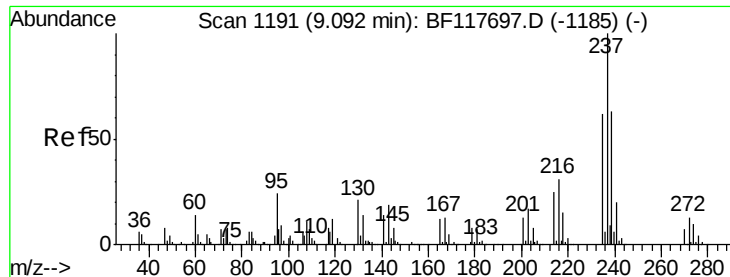
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.5 | 79.7  | 119.5 |
| 160     | 45.4  | 36.5  | 54.7  |



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.371 ng  
RT: 9.10 min Scan# 1192  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 80.0  | 63.6  | 95.4  |
| 179     | 22.6  | 18.1  | 27.1  |
| 108     | 19.6  | 16.4  | 24.6  |





#41

Hexachlorocyclopentadiene

Concen: 42.882 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

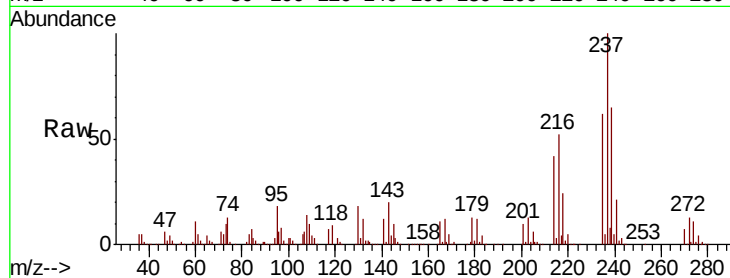
Tot Ion:237 Resp: 375302

Ion Ratio Lower Upper

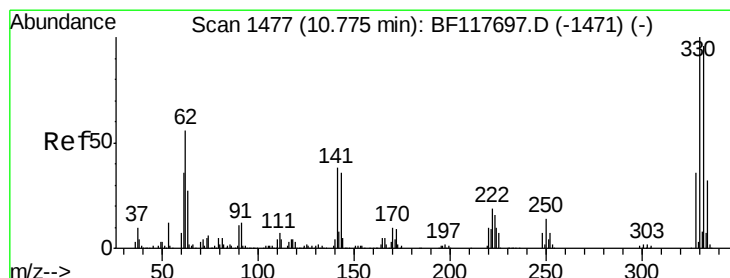
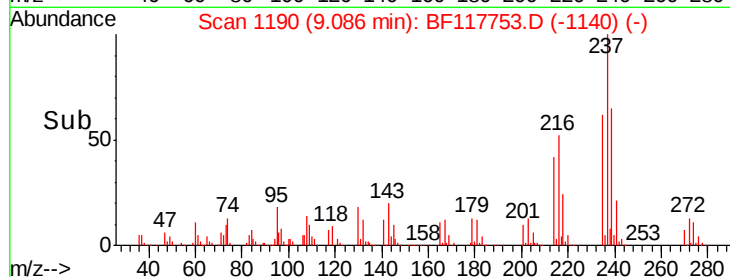
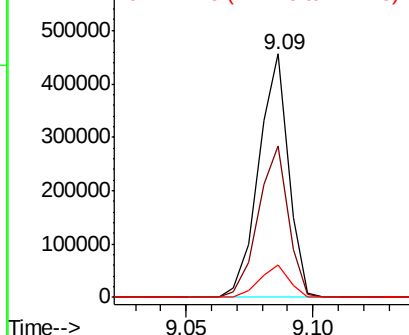
237 100

235 62.2 42.2 82.2

272 13.4 0.0 32.8



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



#42

2,4,6-Tribromophenol

Concen: 88.547 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

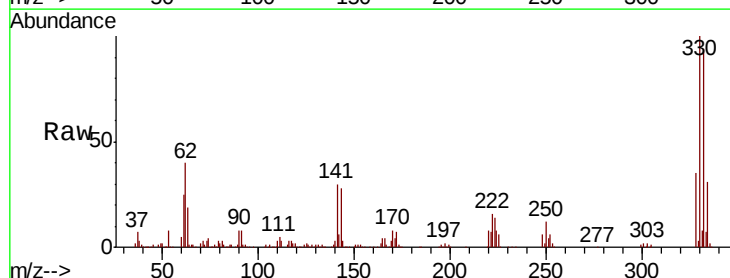
Tgt Ion:330 Resp: 513650

Ion Ratio Lower Upper

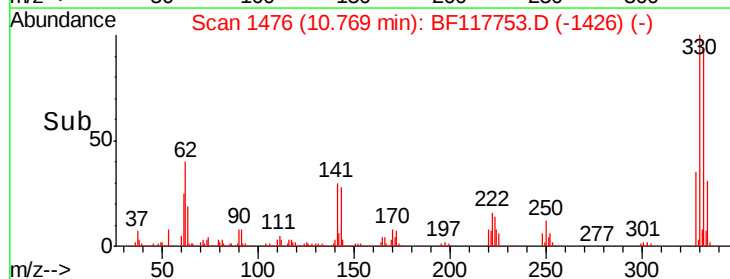
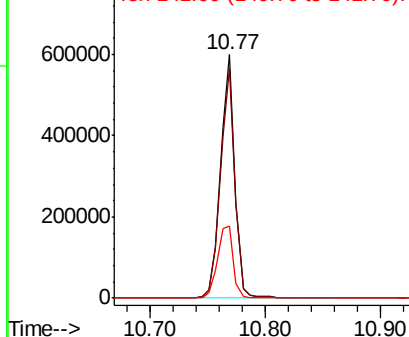
330 100

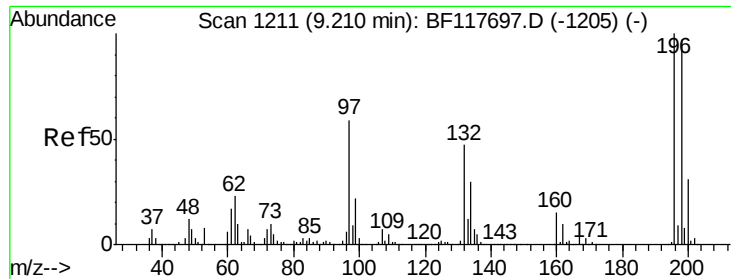
332 96.1 77.4 116.0

141 33.1 28.0 42.0



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

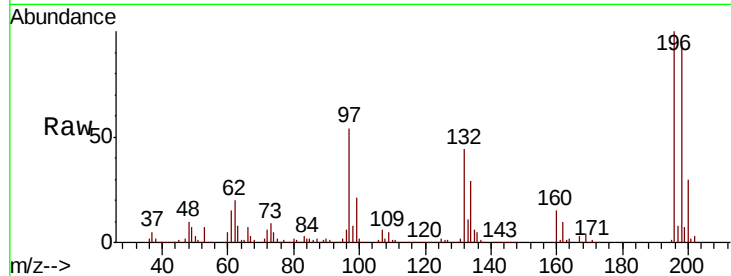




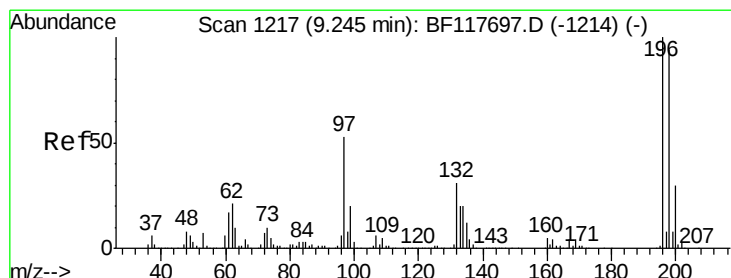
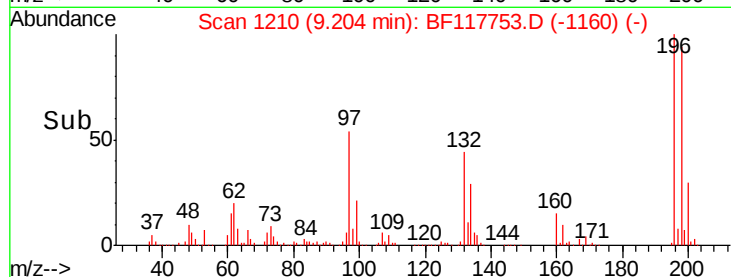
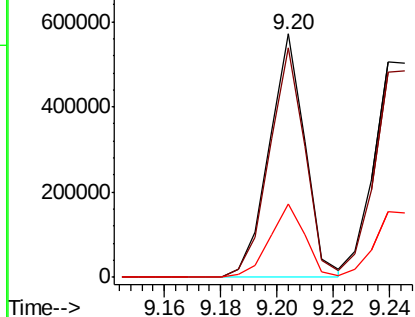
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.409 ng  
 RT: 9.20 min Scan# 1210  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.1  | 77.8  | 116.6 |
| 200     | 29.9  | 25.0  | 37.6  |



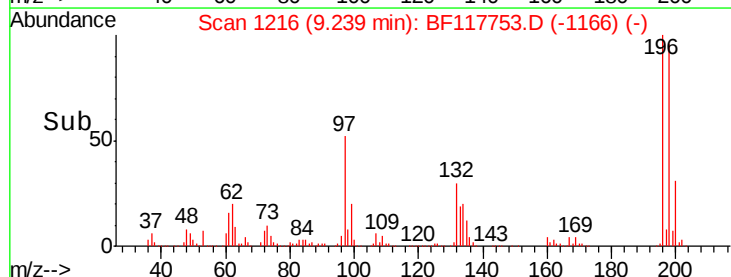
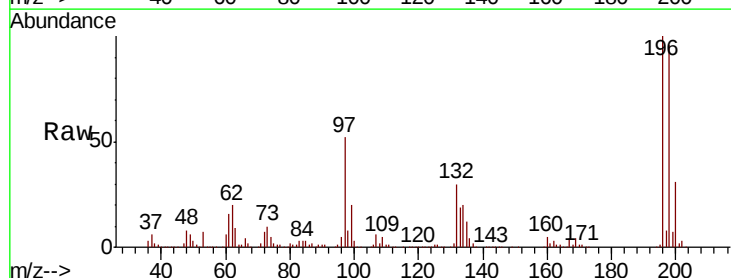
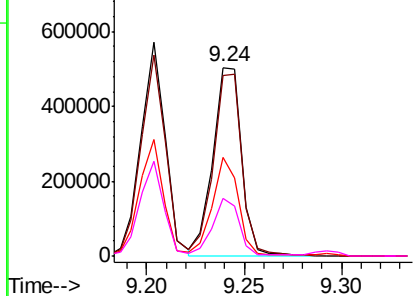
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

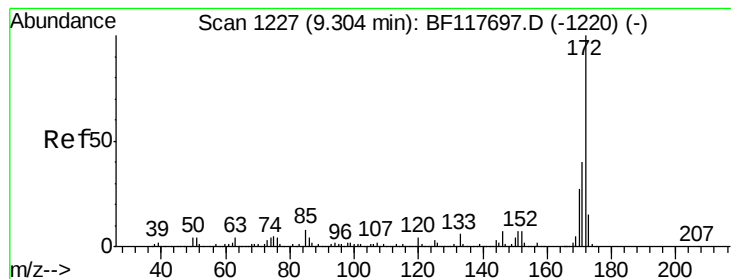


#44  
 2,4,5-Trichlorophenol  
 Concen: 42.938 ng  
 RT: 9.24 min Scan# 1216  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.5  | 75.4  | 113.0 |
| 97      | 52.3  | 42.5  | 63.7  |
| 132     | 30.4  | 24.7  | 37.1  |

Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 92.581 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

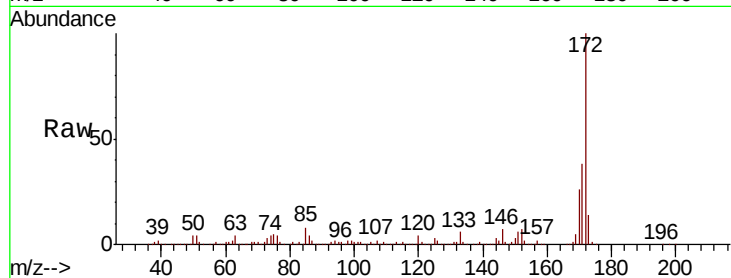
Tot Ion:172 Resp: 2782582

Ion Ratio Lower Upper

172 100

171 38.4 31.8 47.8

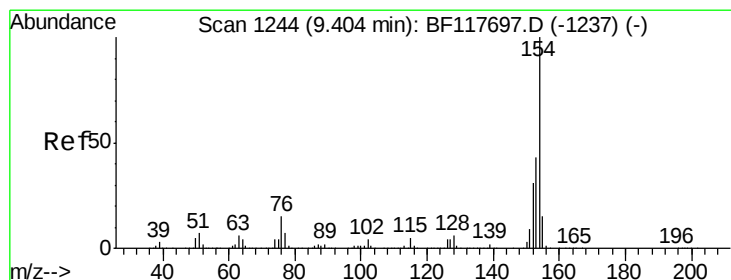
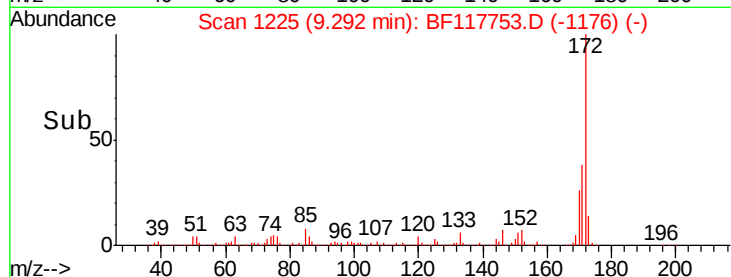
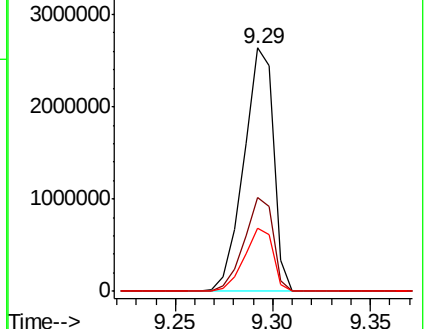
170 25.7 21.6 32.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 43.269 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

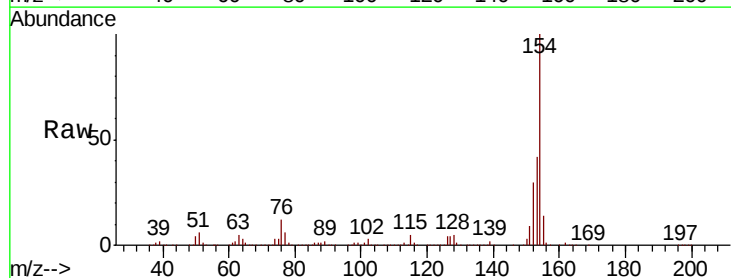
Tgt Ion:154 Resp: 1797008

Ion Ratio Lower Upper

154 100

153 41.6 23.2 63.2

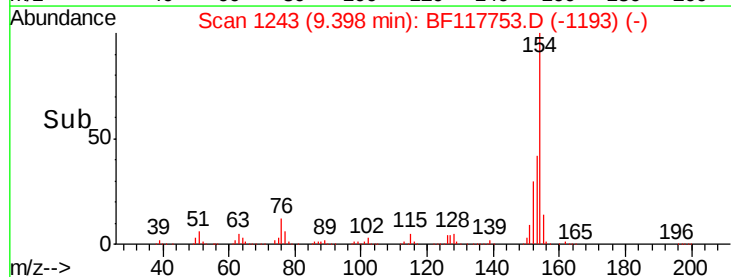
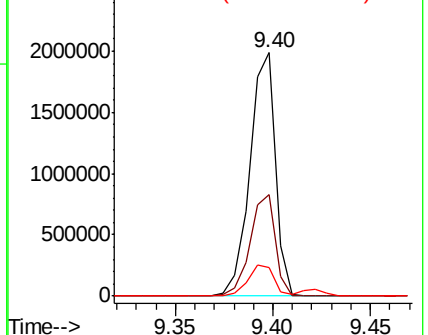
76 12.0 0.0 34.7

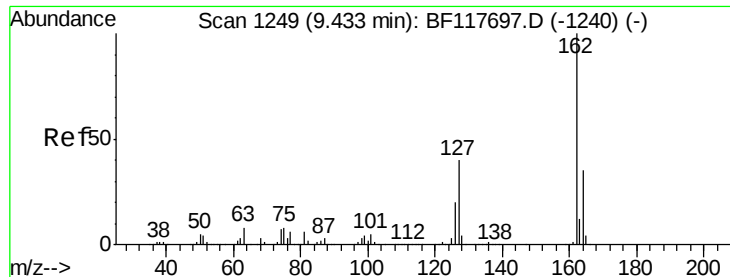


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

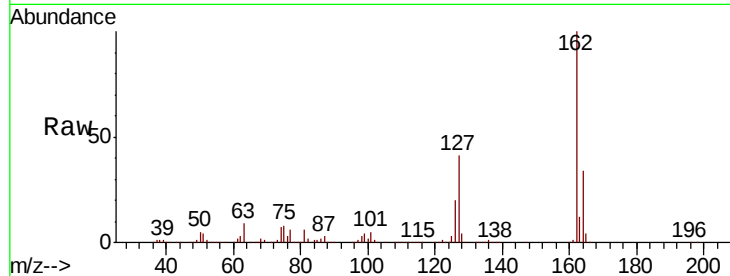




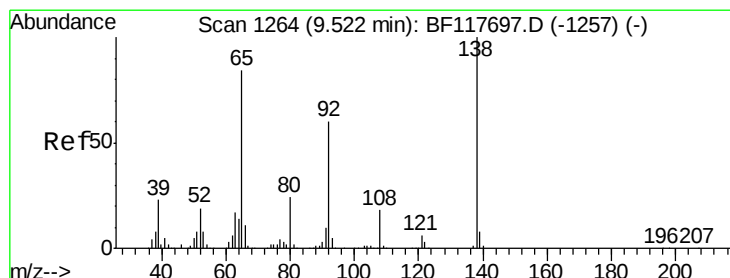
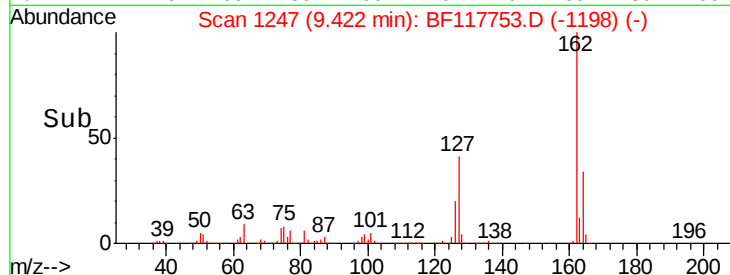
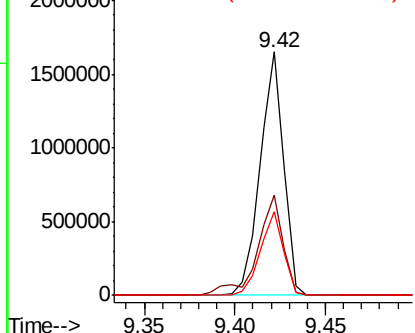
#47  
2-Chloronaphthalene  
Concen: 43.148 ng  
RT: 9.42 min Scan# 1247  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:162 Resp: 1487106  
Ion Ratio Lower Upper  
162 100  
127 41.3 32.2 48.4  
164 34.2 28.1 42.1

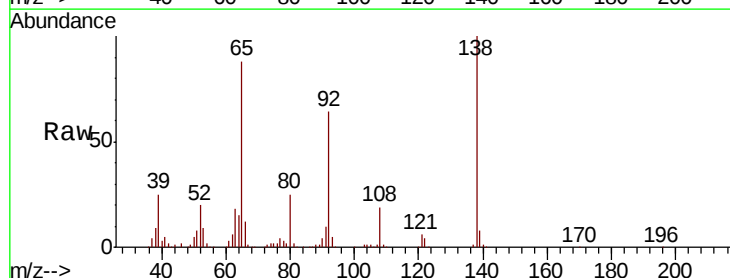


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

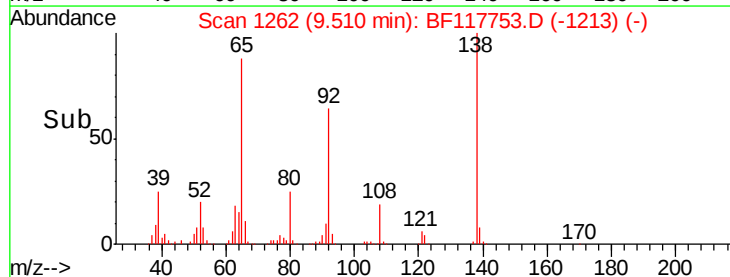
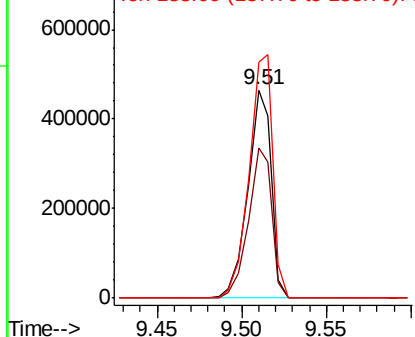


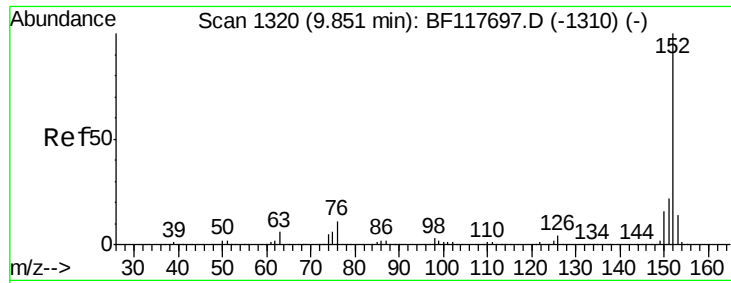
#48  
2-Nitroaniline  
Concen: 41.811 ng  
RT: 9.51 min Scan# 1262  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion: 65 Resp: 451588  
Ion Ratio Lower Upper  
65 100  
92 72.4 57.3 85.9  
138 113.4 95.0 142.6



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: 43.161 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

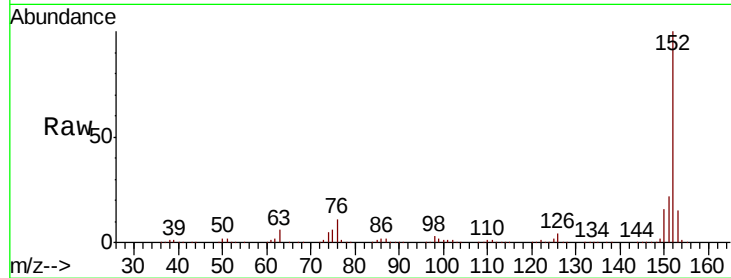
Tot Ion:152 Resp: 2166331

Ion Ratio Lower Upper

152 100

151 21.9 17.8 26.6

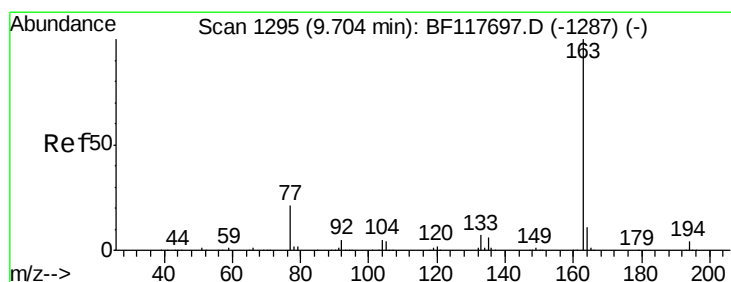
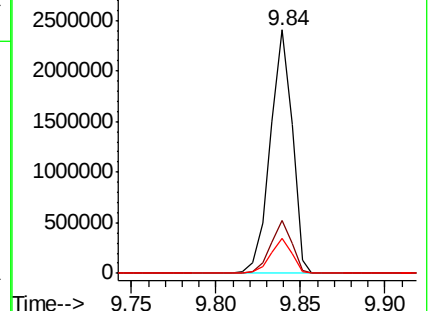
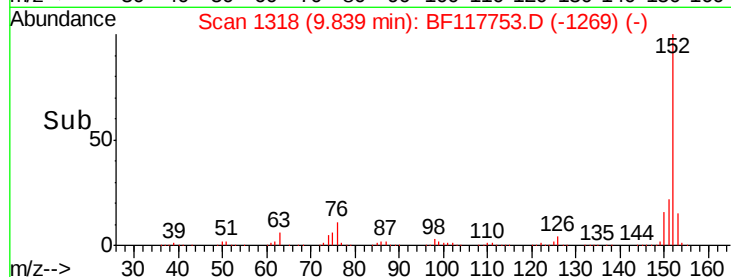
153 14.6 11.5 17.3



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: 41.855 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

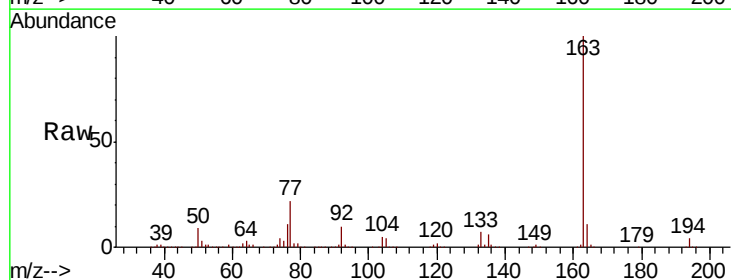
Tgt Ion:163 Resp: 1677909

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

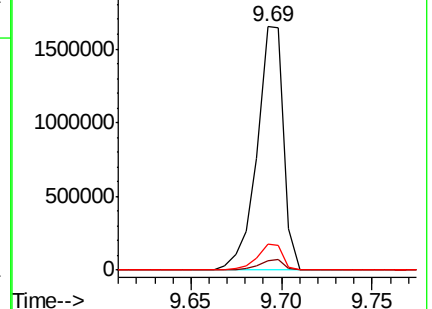
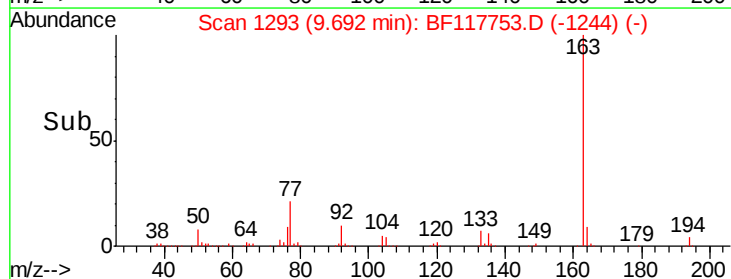
164 10.8 8.9 13.3

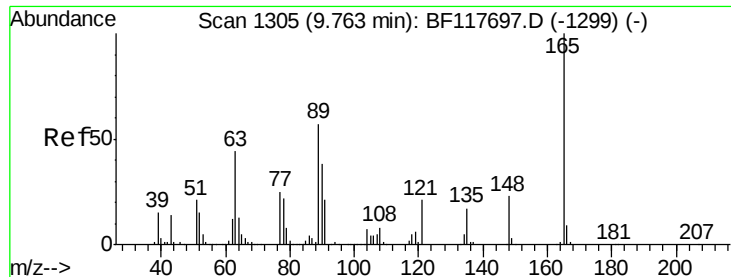


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

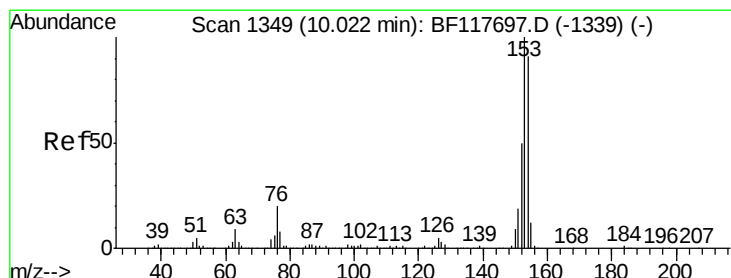
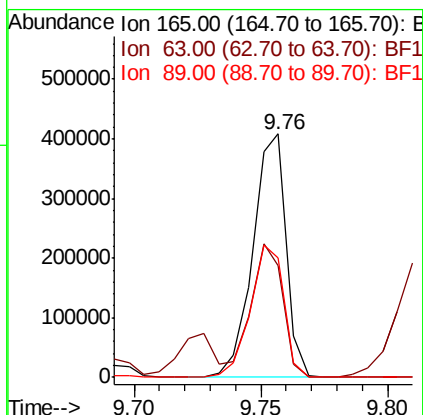
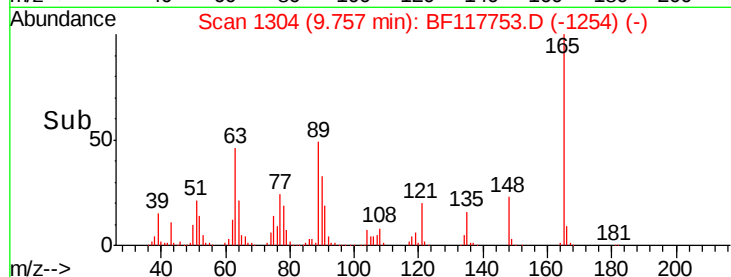
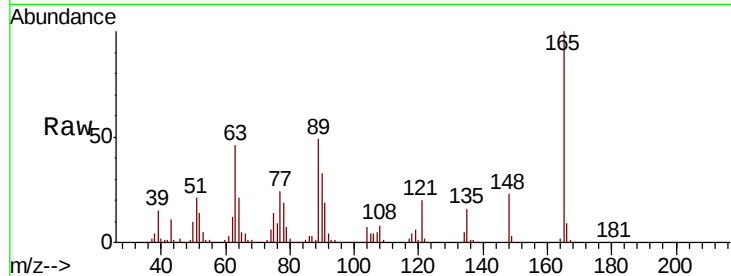




#51  
 2,6-Dinitrotoluene  
 Concen: 41.397 ng  
 RT: 9.76 min Scan# 1304  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

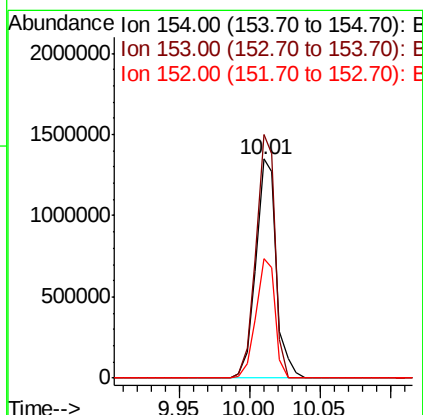
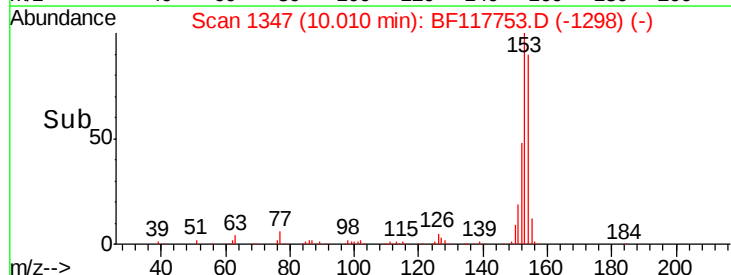
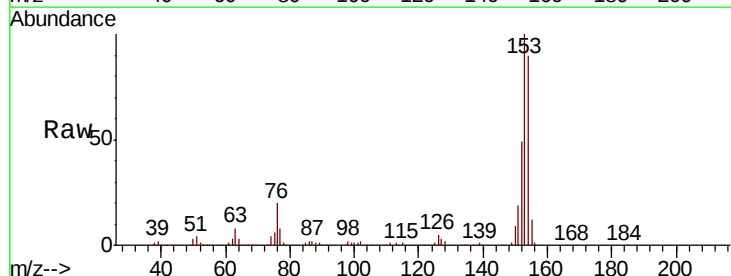
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

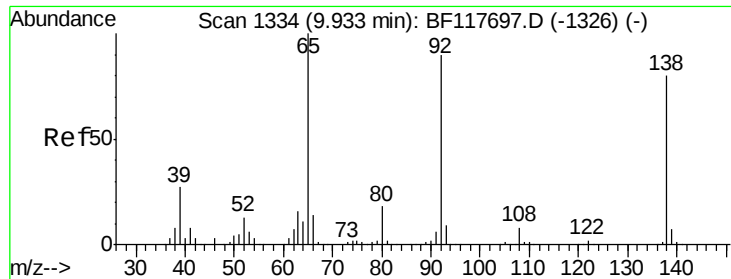
Tot Ion:165 Resp: 371609  
 Ion Ratio Lower Upper  
 165 100  
 63 45.8 45.6 68.4  
 89 49.0 45.8 68.6



#52  
 Acenaphthene  
 Concen: 42.604 ng  
 RT: 10.01 min Scan# 1347  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

Tgt Ion:154 Resp: 1379868  
 Ion Ratio Lower Upper  
 154 100  
 153 111.3 87.8 131.6  
 152 54.8 43.5 65.3

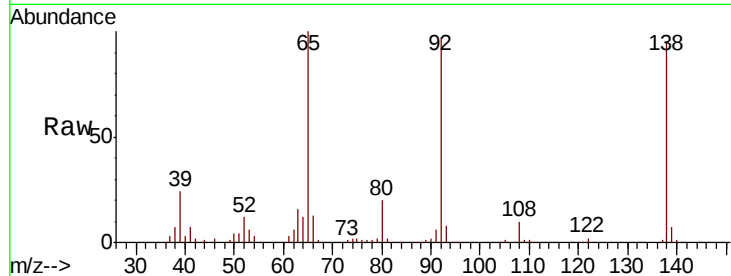




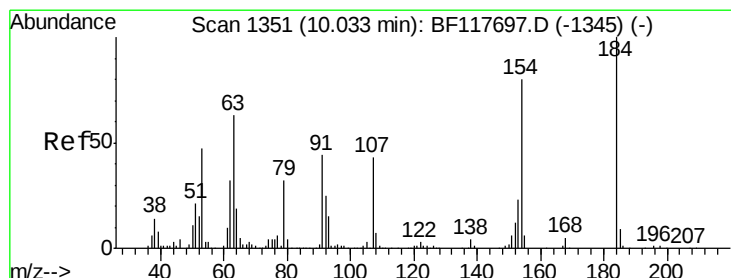
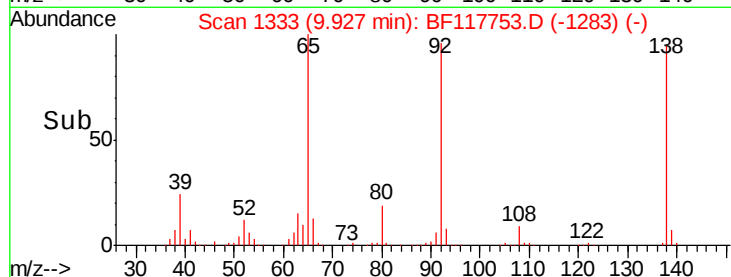
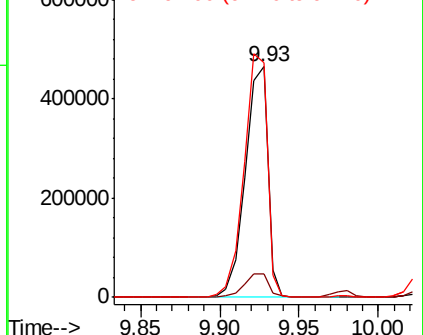
#53  
3-Nitroaniline  
Concen: 42.249 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:138 Resp: 457555  
Ion Ratio Lower Upper  
138 100  
108 10.2 8.5 12.7  
92 101.9 89.8 134.8

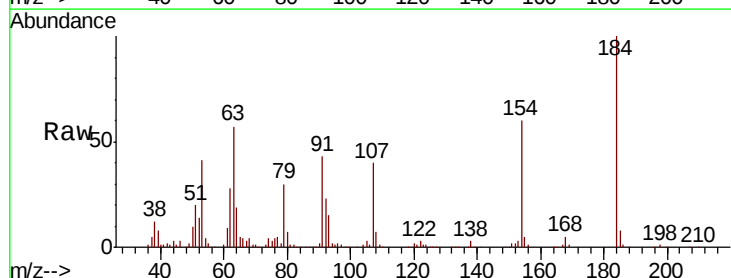


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

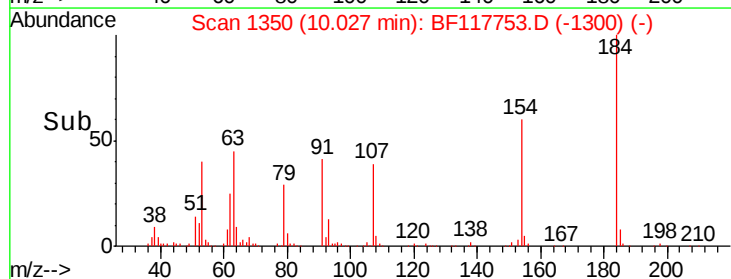
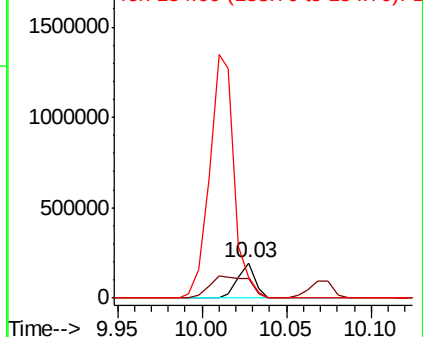


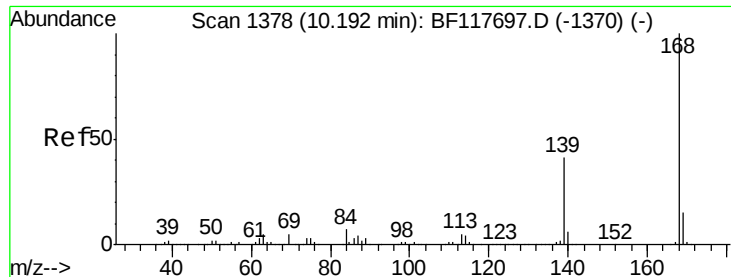
#54  
2,4-Dinitrophenol  
Concen: 46.947 ng  
RT: 10.03 min Scan# 1350  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion:184 Resp: 144481  
Ion Ratio Lower Upper  
184 100  
63 57.3 51.4 77.0  
154 60.5 70.2 105.2#



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

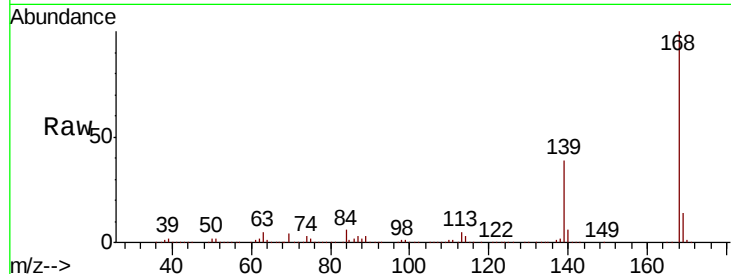




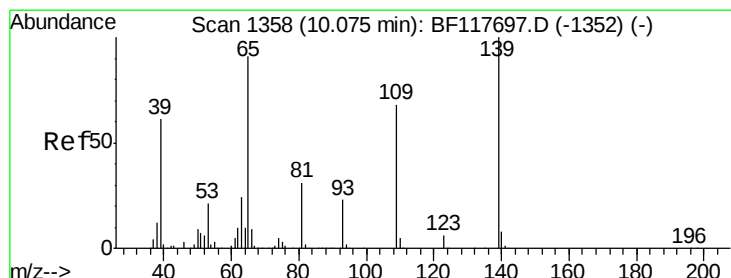
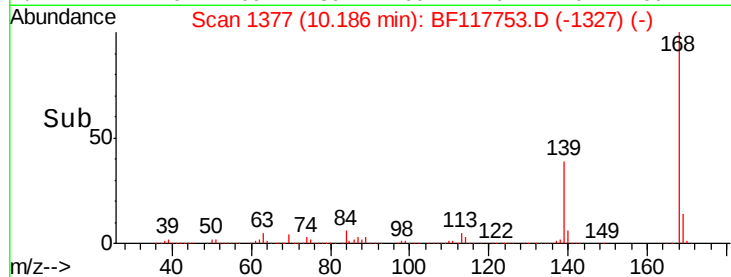
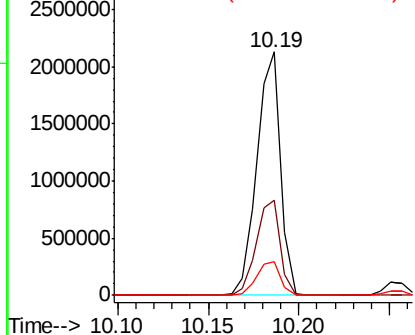
#55  
Dibenzenofuran  
Concen: 42.787 ng  
RT: 10.19 min Scan# 1377  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:168 Resp: 1939129  
Ion Ratio Lower Upper  
168 100  
139 39.3 33.2 49.8  
169 13.9 11.7 17.5

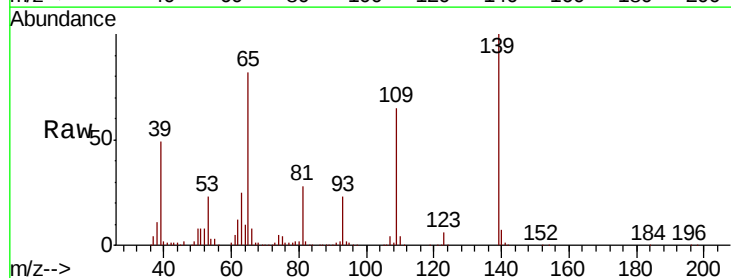


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

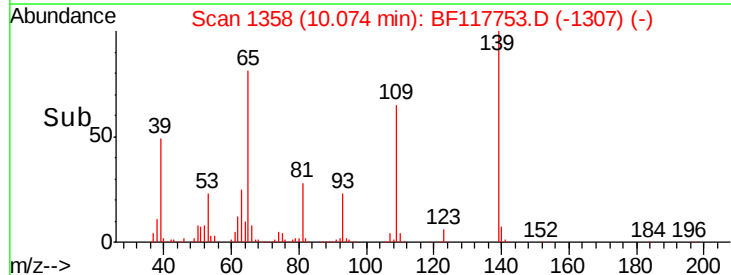
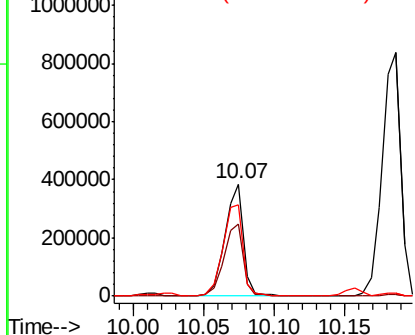


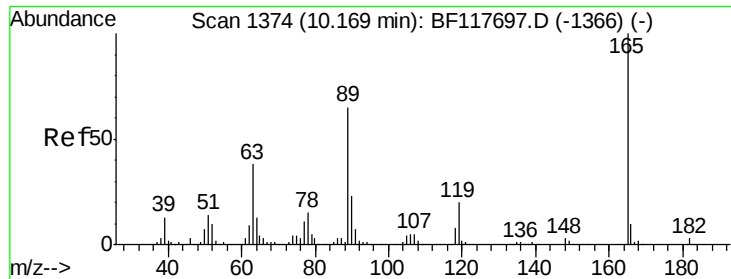
#56  
4-Nitrophenol  
Concen: 43.026 ng  
RT: 10.07 min Scan# 1358  
Delta R.T. -0.00 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion:139 Resp: 350431  
Ion Ratio Lower Upper  
139 100  
109 65.1 47.7 87.7  
65 81.7 71.9 111.9



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

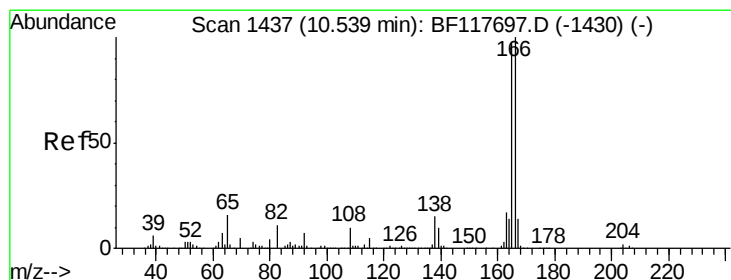
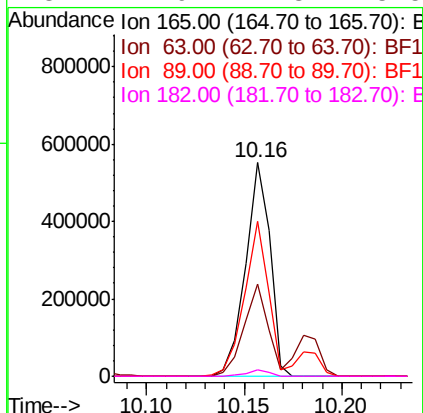
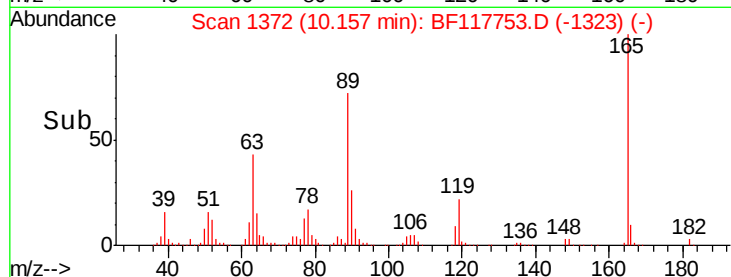
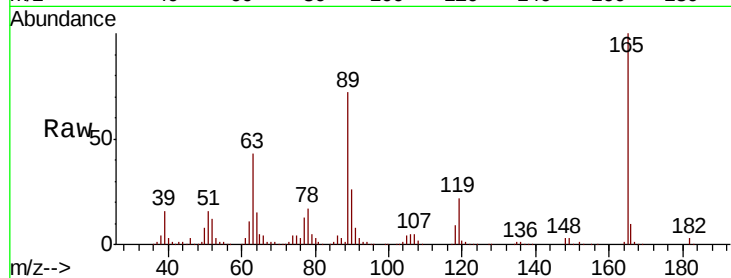




#57  
2,4-Dinitrotoluene  
Concen: 41.635 ng  
RT: 10.16 min Scan# 1372  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

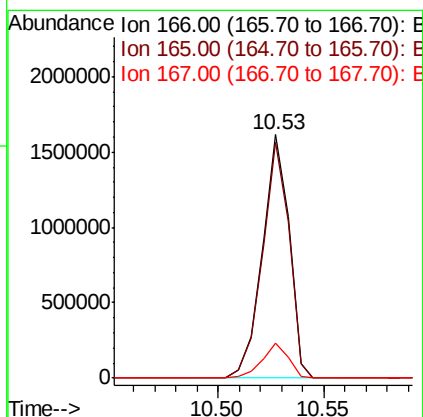
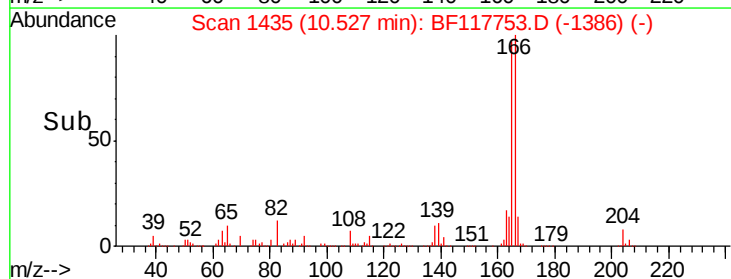
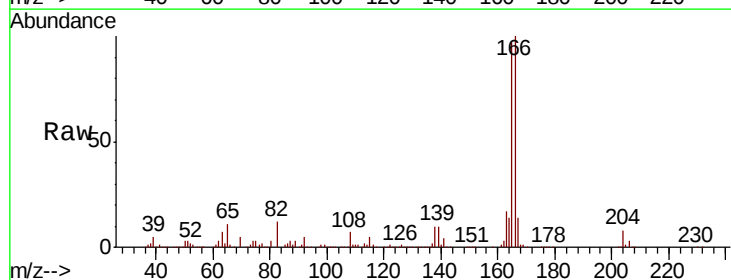
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

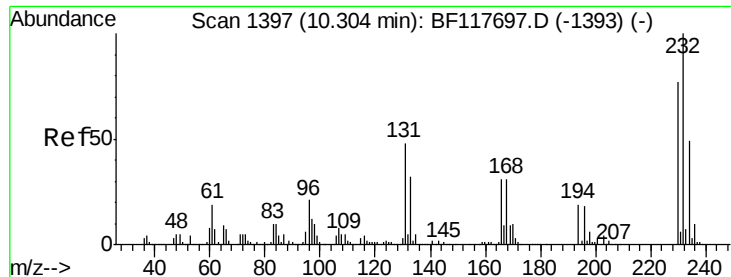
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.0  | 30.4  | 45.6  |
| 89      | 72.3  | 52.2  | 78.4  |
| 182     | 2.9   | 2.3   | 3.5   |



#58  
Fluorene  
Concen: 42.883 ng  
RT: 10.53 min Scan# 1435  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.9  | 77.4  | 116.0 |
| 167     | 14.1  | 11.0  | 16.4  |

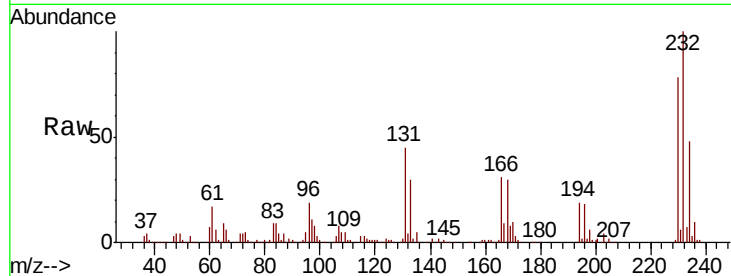




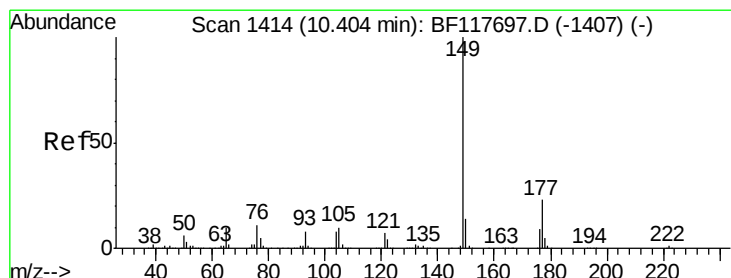
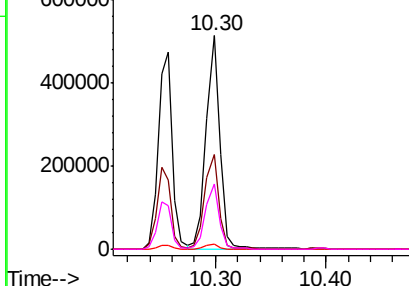
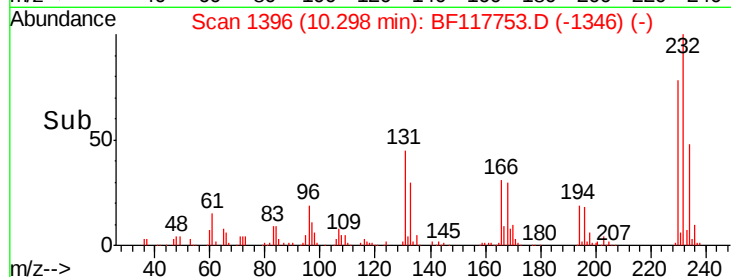
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.393 ng  
 RT: 10.30 min Scan# 1396  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.3  | 37.8  | 56.8  |
| 130     | 2.3   | 1.9   | 2.9   |
| 166     | 30.1  | 24.6  | 36.8  |

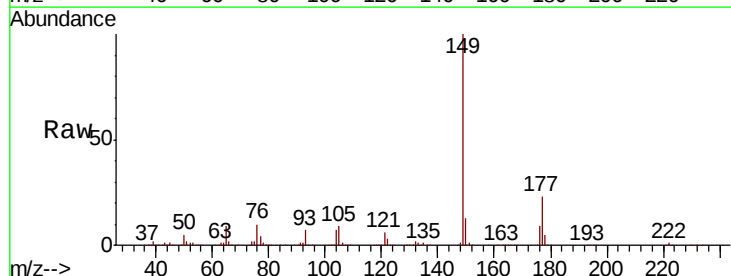


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

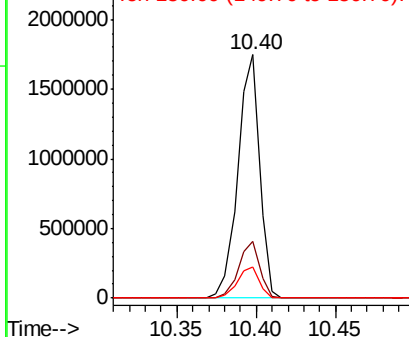
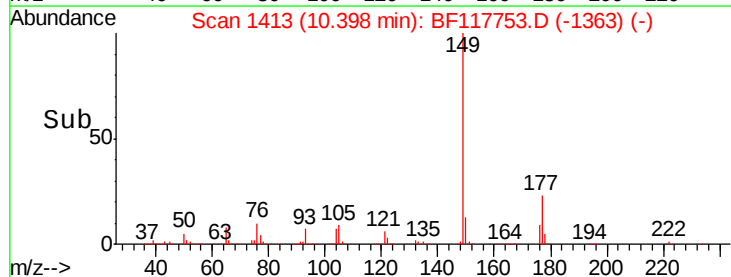


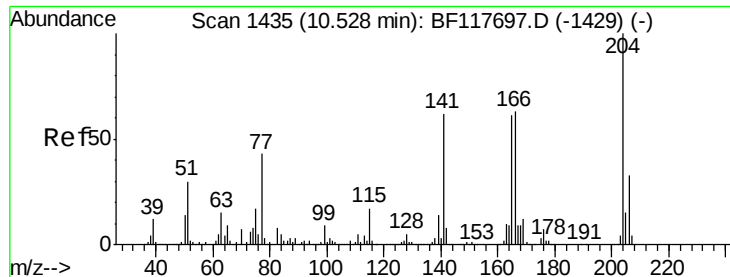
#60  
 Diethylphthalate  
 Concen: 41.868 ng  
 RT: 10.40 min Scan# 1413  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.4  | 18.8  | 28.2  |
| 150     | 12.7  | 10.8  | 16.2  |



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

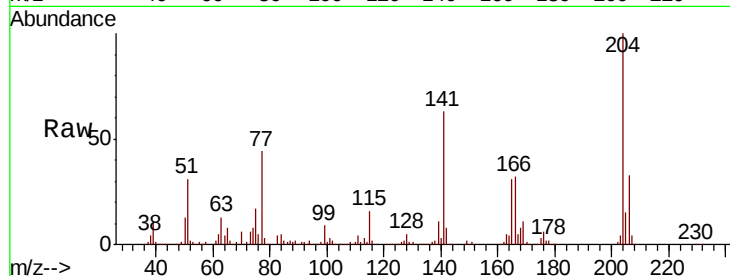




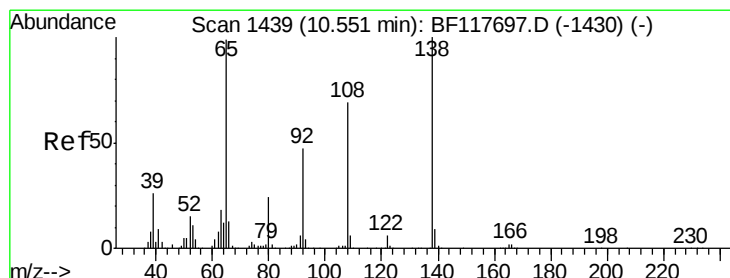
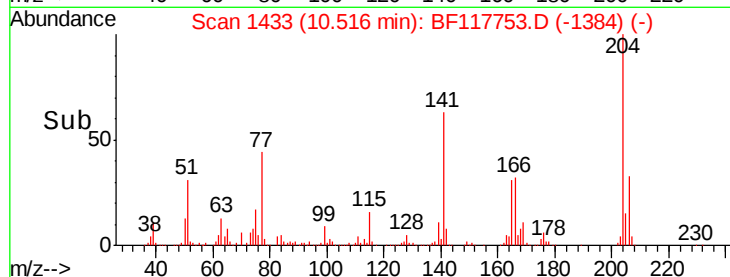
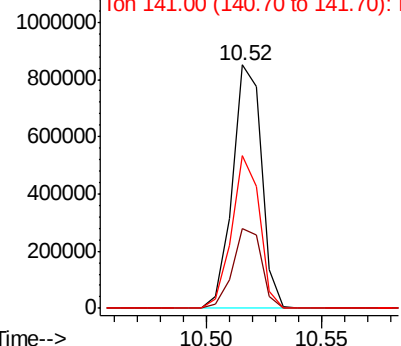
#61  
4-Chlorophenyl-phenylether  
Concen: 43.235 ng  
RT: 10.52 min Scan# 1433  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:204 Resp: 751753  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.2 39.4  
141 63.0 49.7 74.5

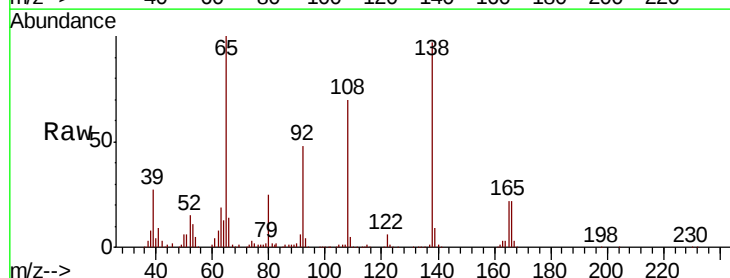


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

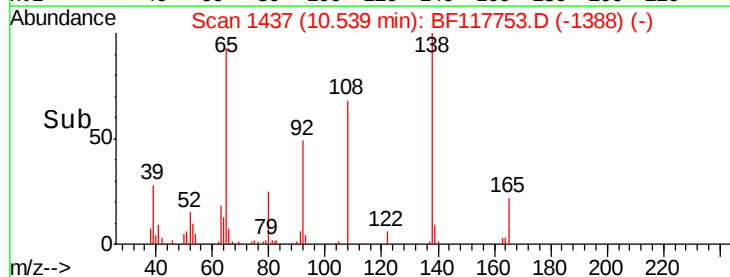
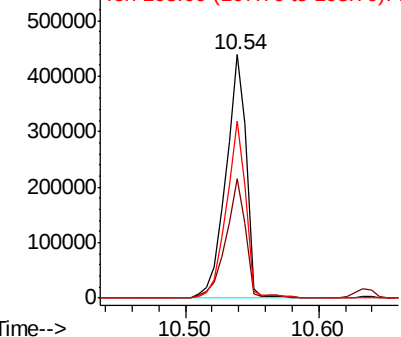


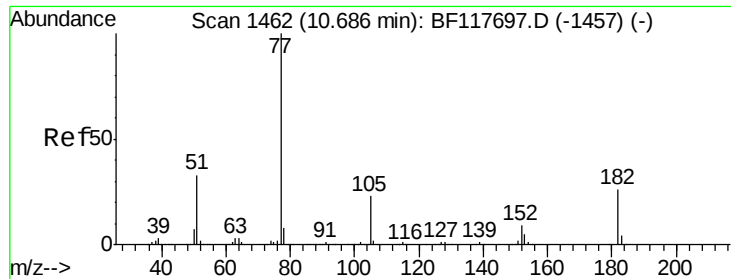
#62  
4-Nitroaniline  
Concen: 43.526 ng  
RT: 10.54 min Scan# 1437  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion:138 Resp: 463963  
Ion Ratio Lower Upper  
138 100  
92 49.3 26.9 66.9  
108 72.7 49.1 89.1



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

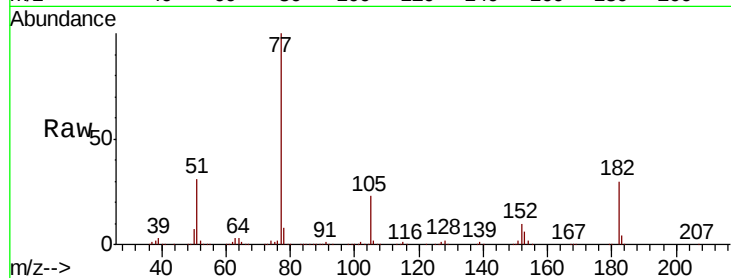




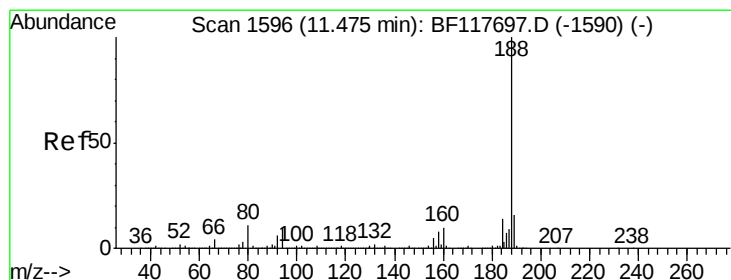
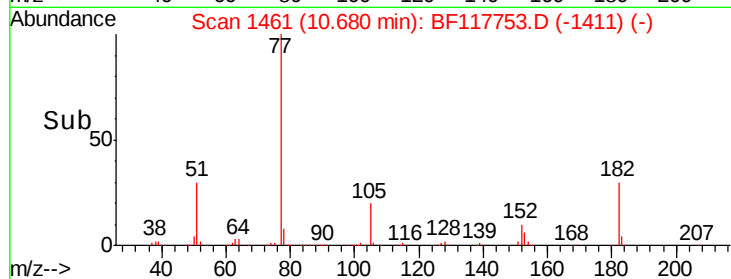
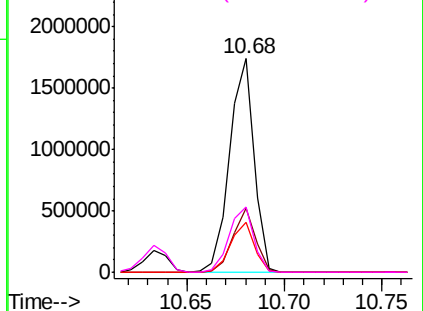
#63  
Azobenzene  
Concen: 40.573 ng  
RT: 10.68 min Scan# 1461  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion: 77 Resp: 1515036  
Ion Ratio Lower Upper  
77 100  
182 29.8 6.0 46.0  
105 23.3 2.8 42.8  
51 30.7 13.0 53.0

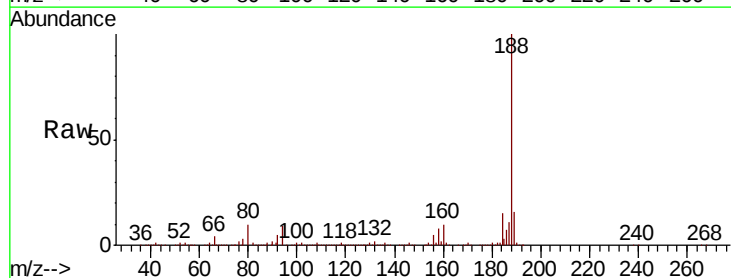


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

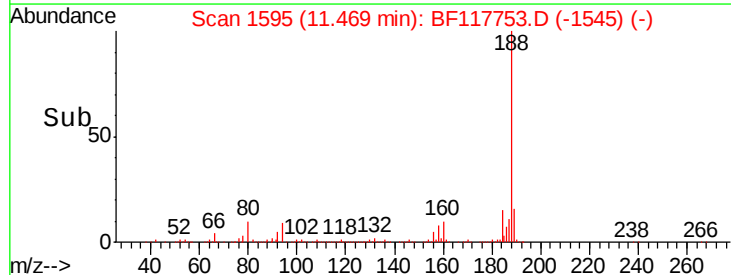
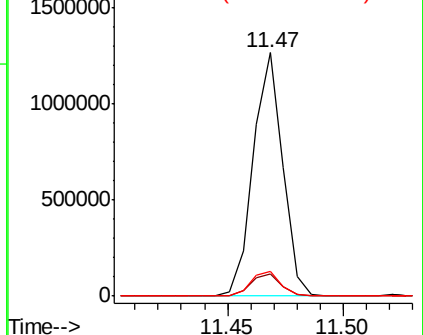


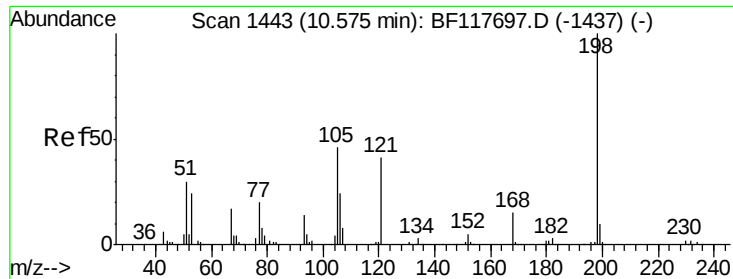
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.47 min Scan# 1595  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion: 188 Resp: 1125554  
Ion Ratio Lower Upper  
188 100  
94 9.3 8.2 12.4  
80 10.1 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

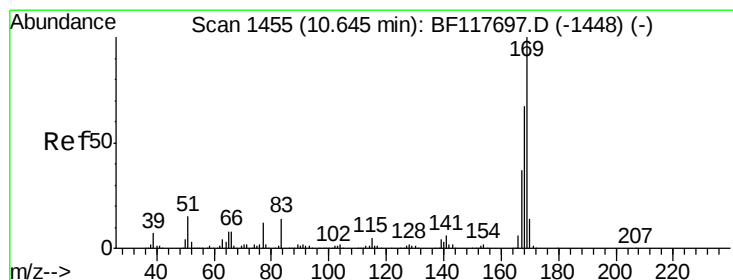
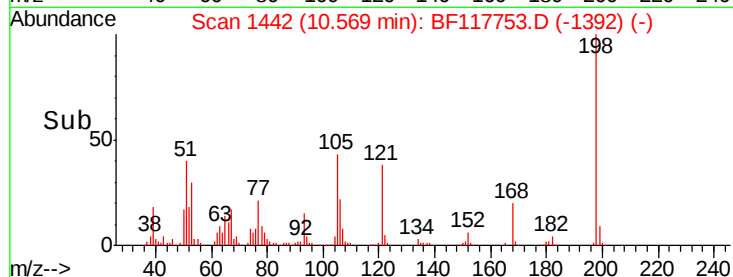
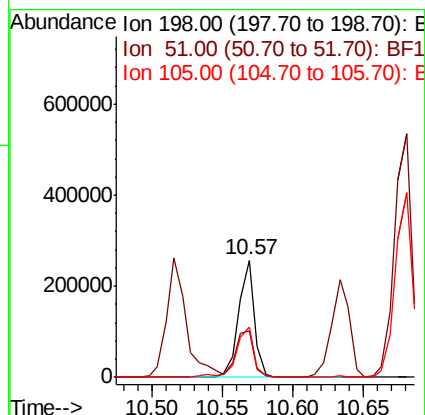
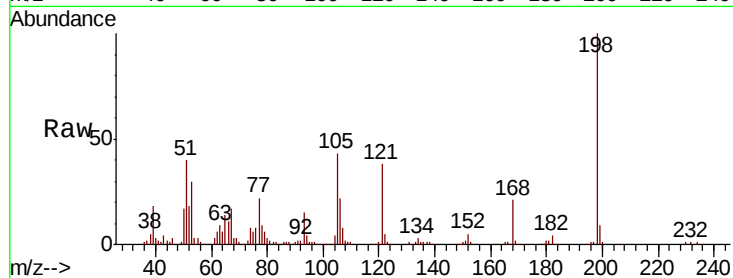




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 44.503 ng  
 RT: 10.57 min Scan# 1442  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

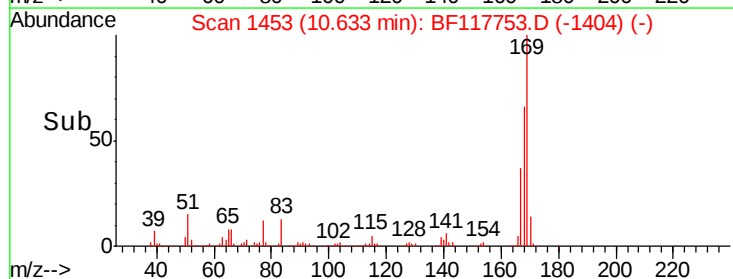
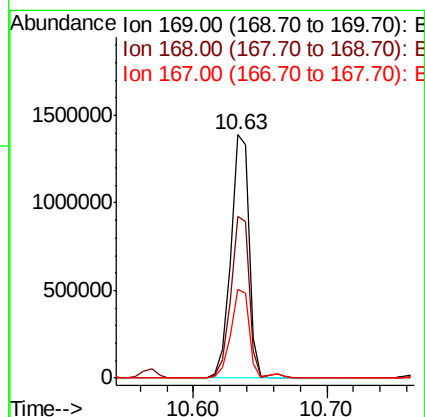
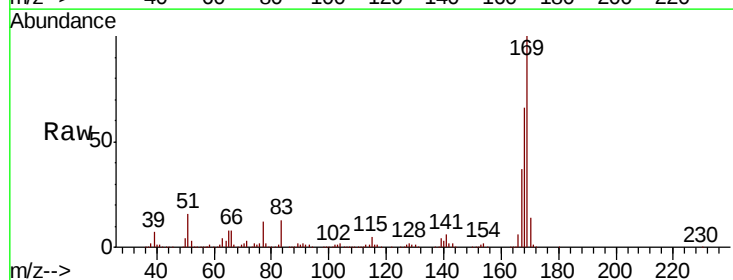
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

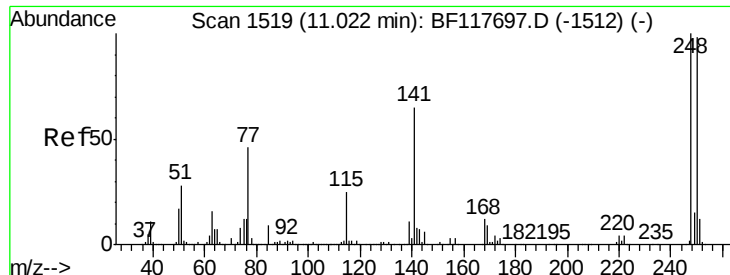
Tot Ion:198 Resp: 200014  
 Ion Ratio Lower Upper  
 198 100  
 51 39.9 28.1 68.1  
 105 42.6 27.3 67.3



#66  
 n-Nitrosodiphenylamine  
 Concen: 40.479 ng  
 RT: 10.63 min Scan# 1453  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

Tgt Ion:169 Resp: 1345672  
 Ion Ratio Lower Upper  
 169 100  
 168 66.4 53.8 80.8  
 167 36.6 29.9 44.9

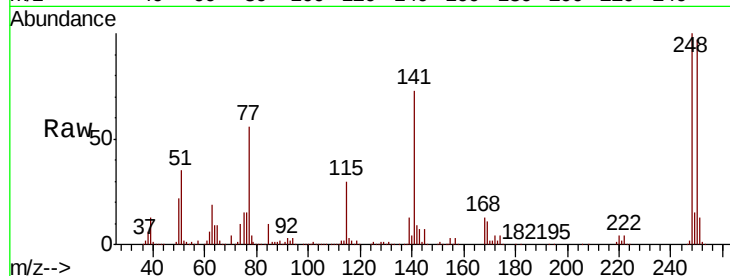




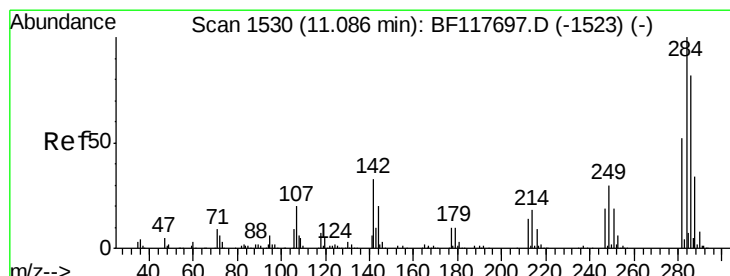
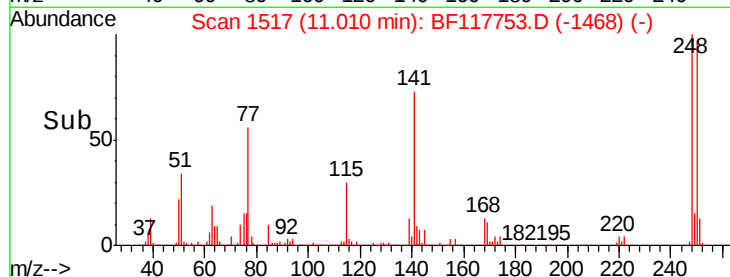
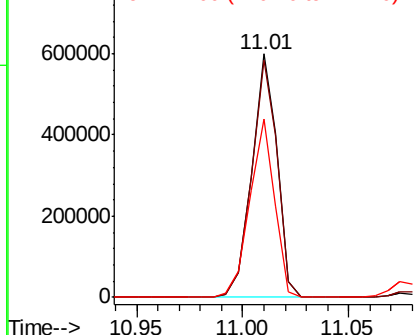
#67  
 4-Bromophenyl-phenylether  
 Concen: 40.556 ng  
 RT: 11.01 min Scan# 1517  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:248 Resp: 498534  
 Ion Ratio Lower Upper  
 248 100  
 250 97.2 78.7 118.1  
 141 73.3 51.8 77.8

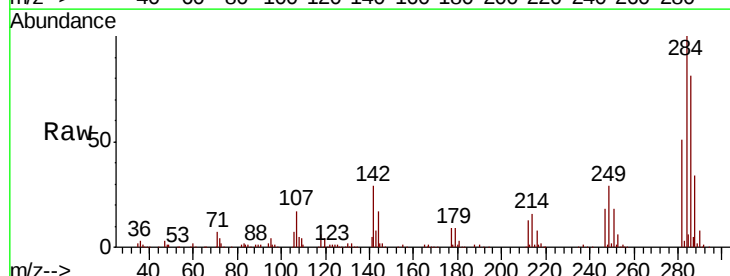


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

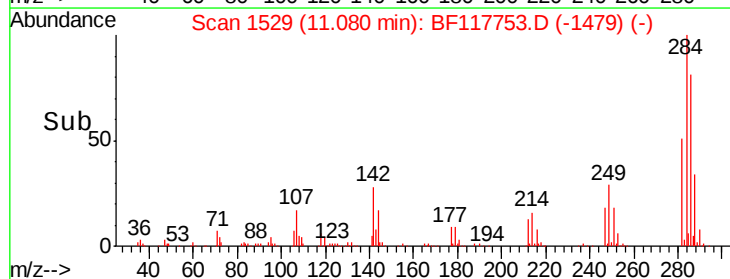
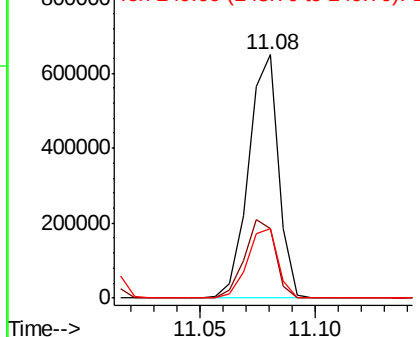


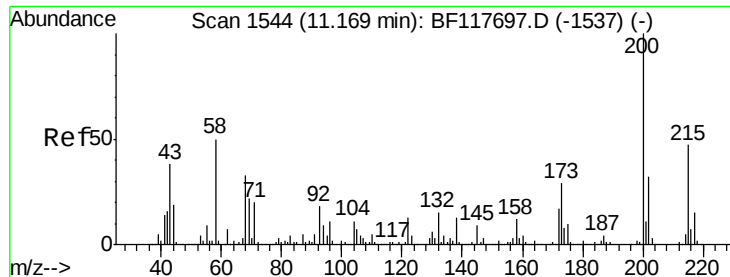
#68  
 Hexachlorobenzene  
 Concen: 41.546 ng  
 RT: 11.08 min Scan# 1529  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

Tgt Ion:284 Resp: 589957  
 Ion Ratio Lower Upper  
 284 100  
 142 28.5 26.6 39.8  
 249 28.8 24.4 36.6



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

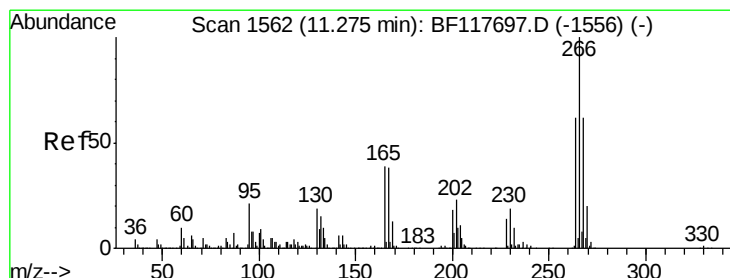
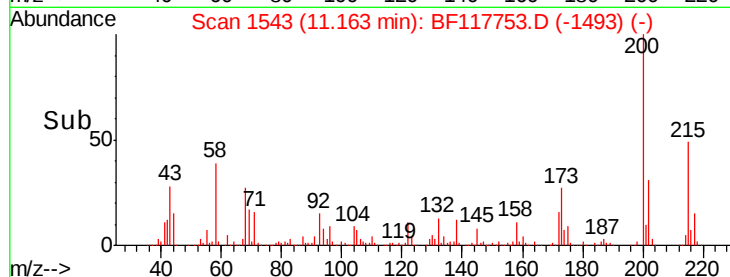
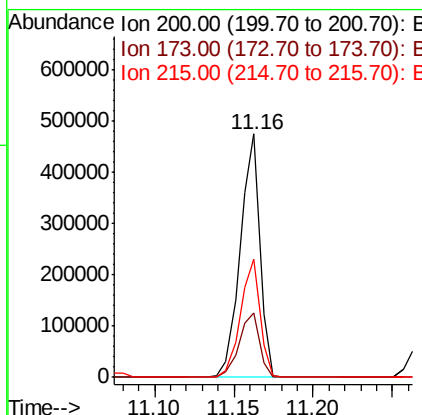
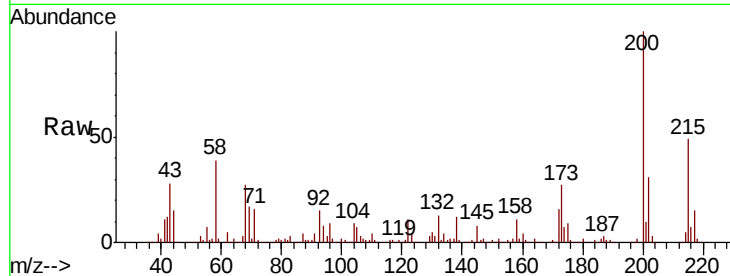




#69  
 Atrazine  
 Concen: 37.121 ng  
 RT: 11.16 min Scan# 1543  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

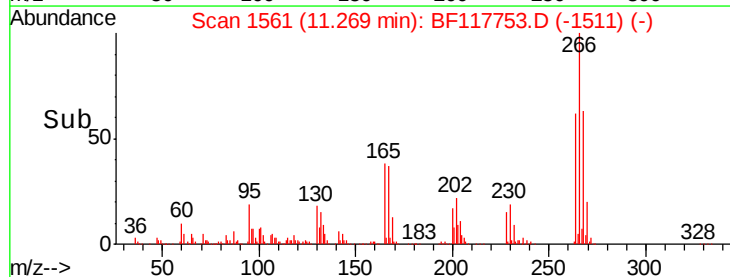
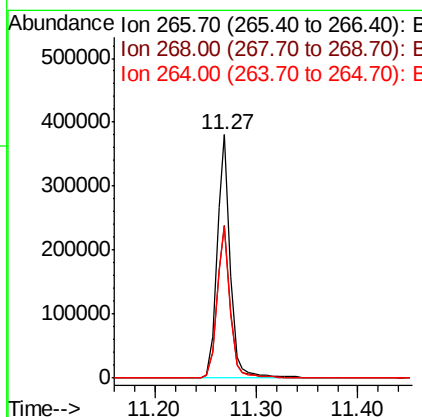
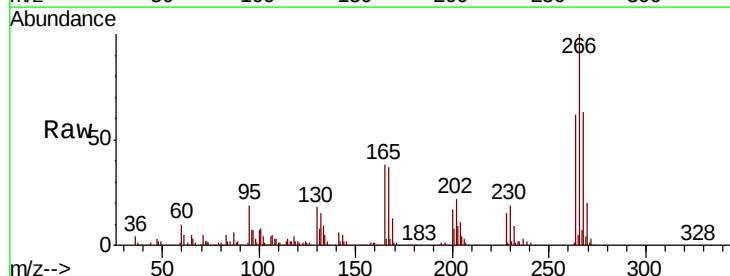
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

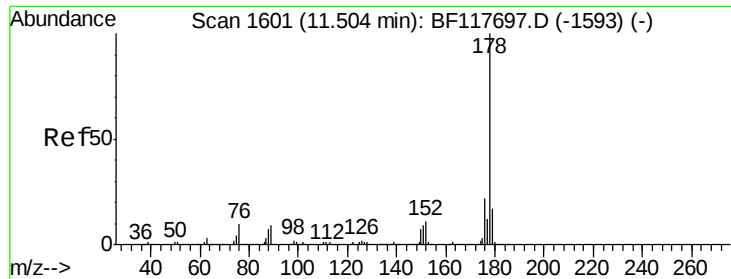
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.6  | 8.5   | 48.5  |
| 215     | 48.6  | 27.4  | 67.4  |



#70  
 Pentachlorophenol  
 Concen: 43.016 ng  
 RT: 11.27 min Scan# 1561  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.6  | 49.8  | 74.6  |
| 264     | 62.2  | 49.7  | 74.5  |

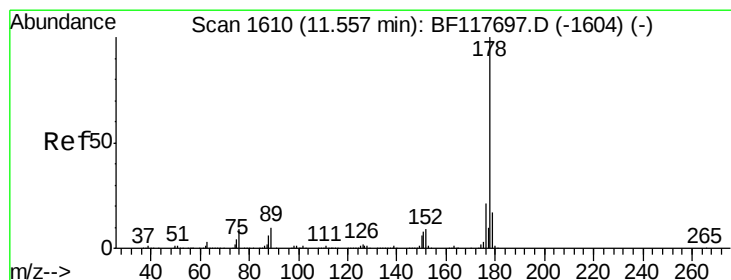
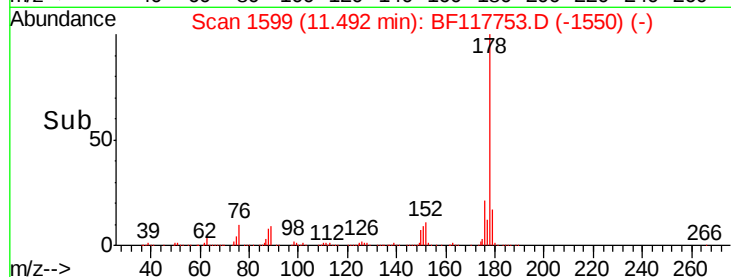
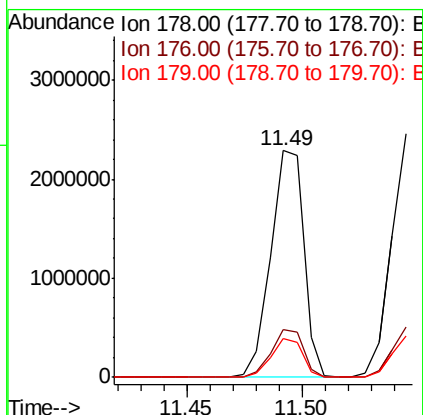
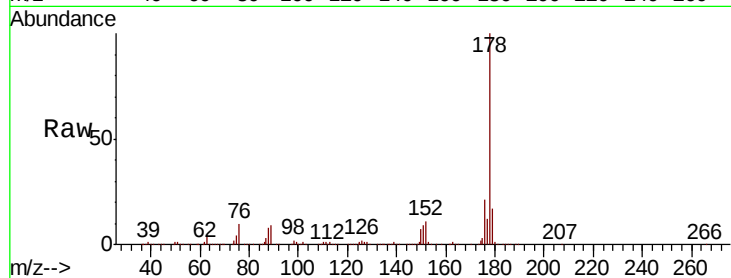




#71  
Phenanthrene  
Concen: 42.214 ng  
RT: 11.49 min Scan# 1599  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

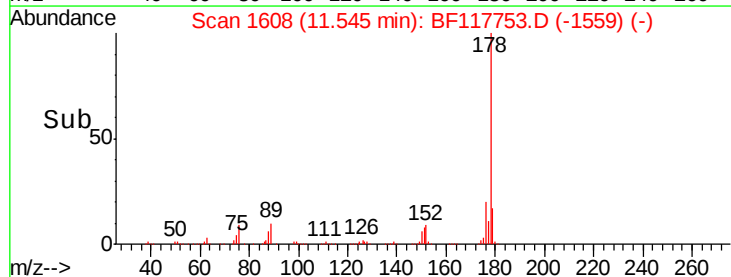
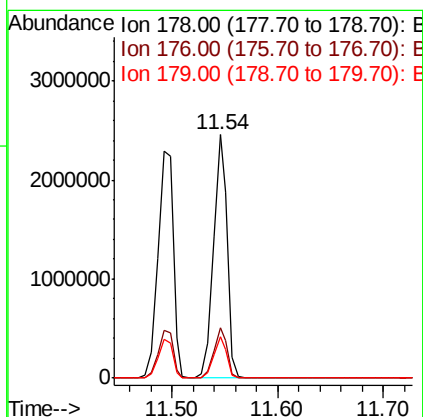
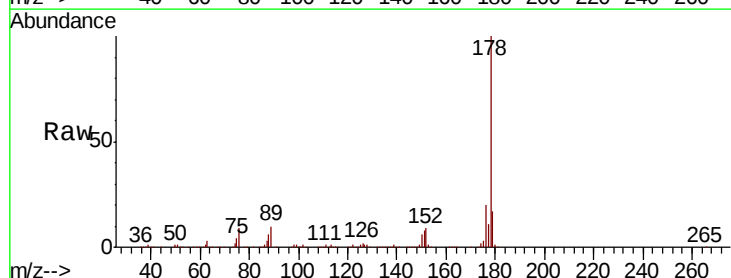
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

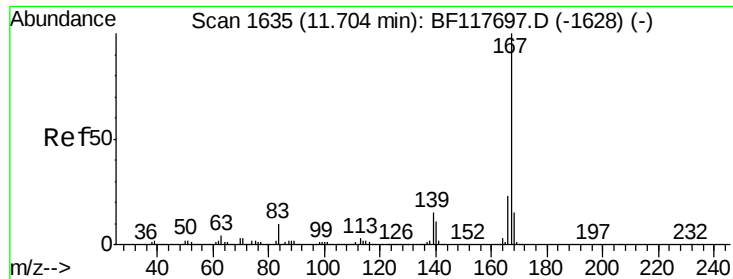
Tot Ion:178 Resp: 2277425  
Ion Ratio Lower Upper  
178 100  
176 21.0 17.7 26.5  
179 16.9 13.8 20.8



#72  
Anthracene  
Concen: 42.136 ng  
RT: 11.54 min Scan# 1608  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion:178 Resp: 2261600  
Ion Ratio Lower Upper  
178 100  
176 20.5 16.6 25.0  
179 17.0 13.5 20.3



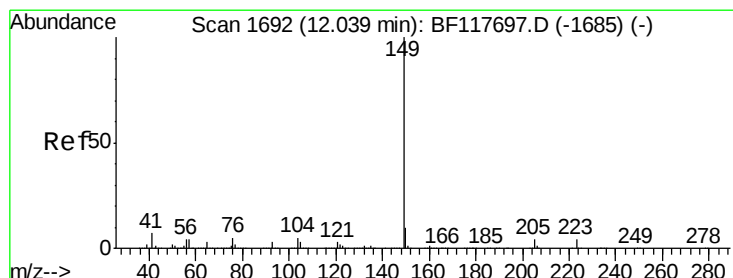
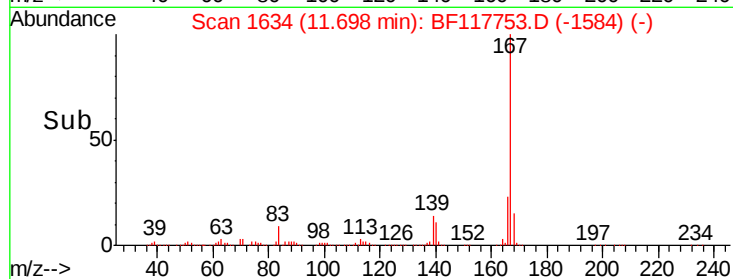
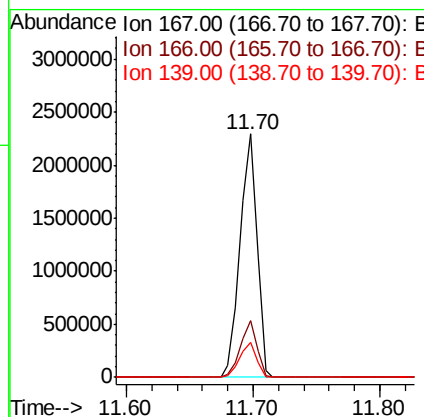
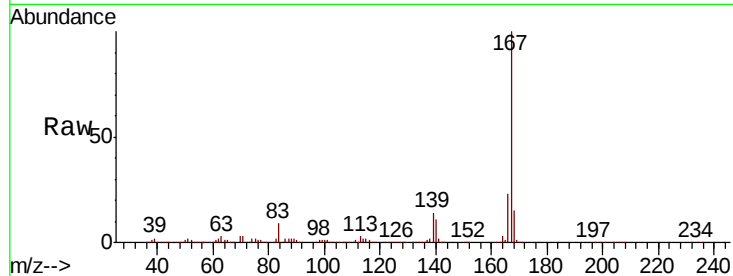


#73  
 Carbazole  
 Concen: 42.994 ng  
 RT: 11.70 min Scan# 1634  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:167 Resp: 2109548  

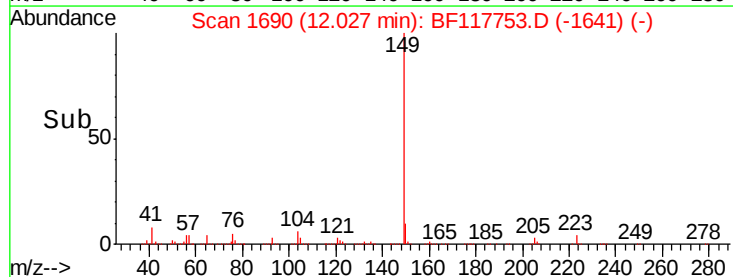
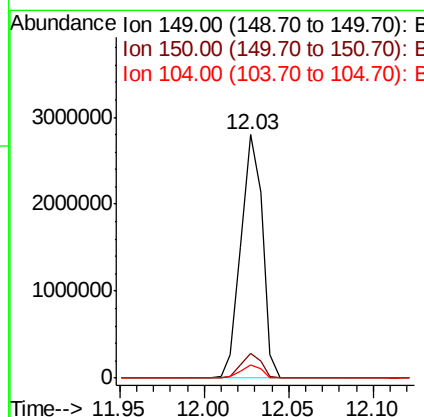
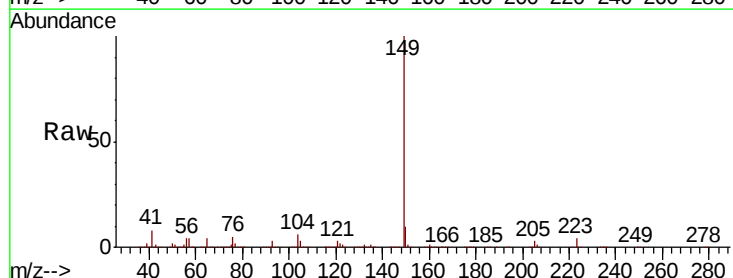
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.2  | 18.6  | 27.8  |
| 139 | 14.5  | 11.9  | 17.9  |

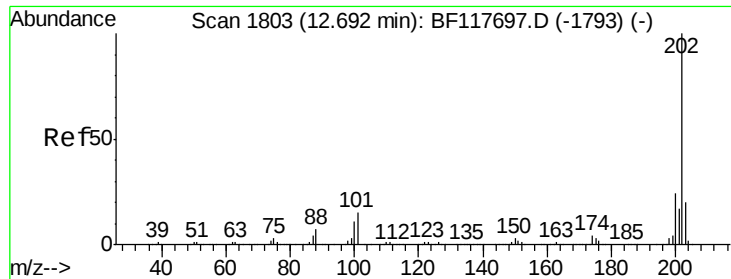


#74  
 Di-n-butylphthalate  
 Concen: 41.471 ng  
 RT: 12.03 min Scan# 1690  
 Delta R.T. -0.01 min  
 Lab File: BF117753.D  
 Acq: 12 Nov 2019 11:00

Tgt Ion:149 Resp: 2474304  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.3  | 8.3   | 12.5  |
| 104 | 5.5   | 4.2   | 6.4   |

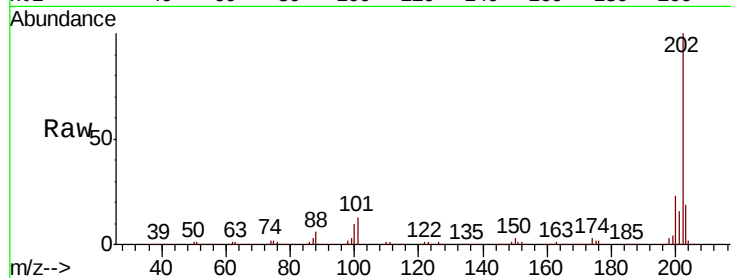




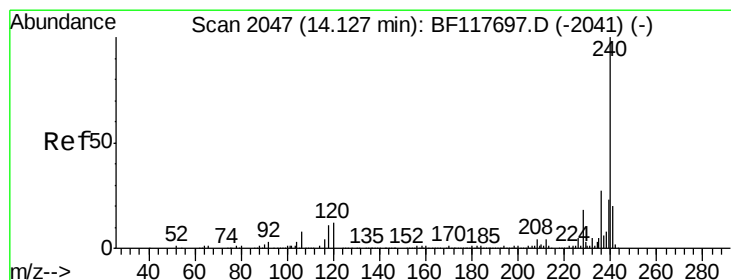
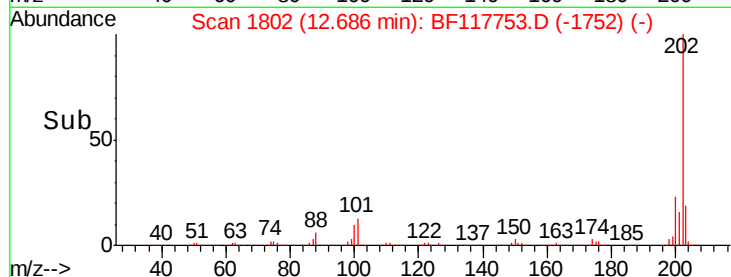
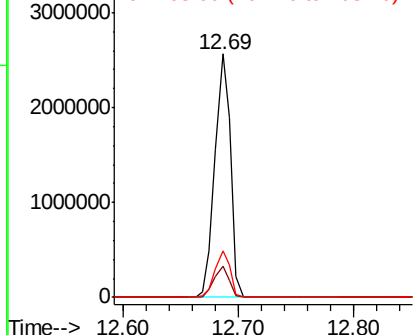
#75  
Fluoranthene  
Concen: 43.635 ng  
RT: 12.69 min Scan# 1802  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:202 Resp: 2403764  
Ion Ratio Lower Upper  
202 100  
101 12.5 0.0 34.5  
203 18.9 0.0 39.8

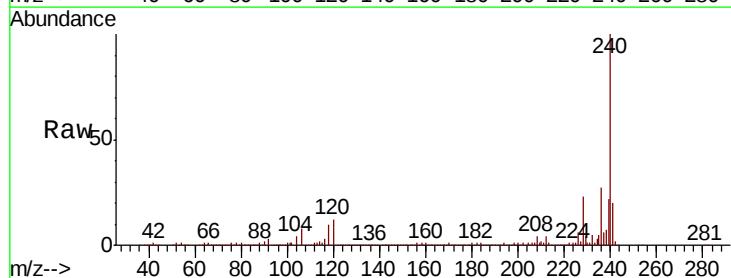


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

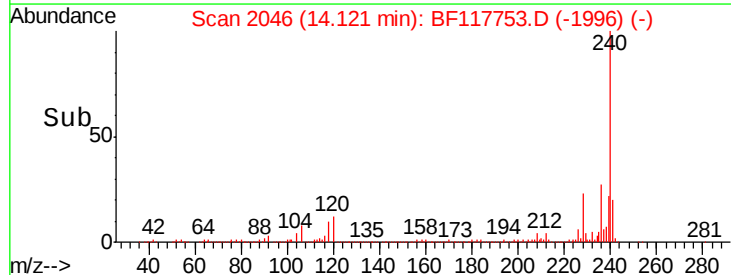
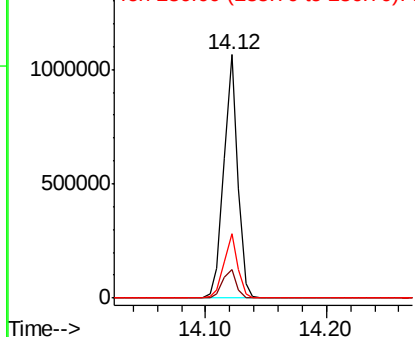


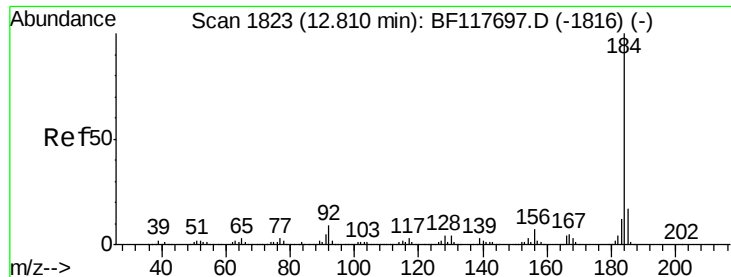
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.12 min Scan# 2046  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion:240 Resp: 839112  
Ion Ratio Lower Upper  
240 100  
120 11.6 9.7 14.5  
236 26.7 21.9 32.9



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





#77

Benzidine

Concen: 42.106 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

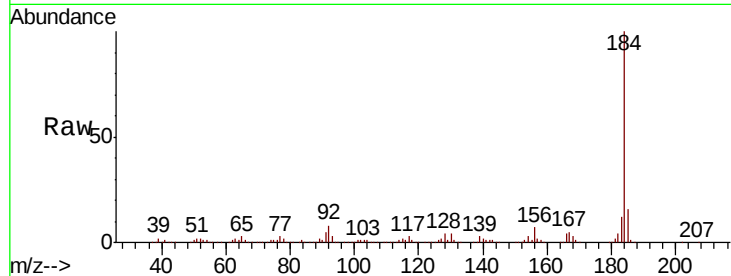
Tot Ion:184 Resp: 1228366

Ion Ratio Lower Upper

184 100

185 15.5 13.3 19.9

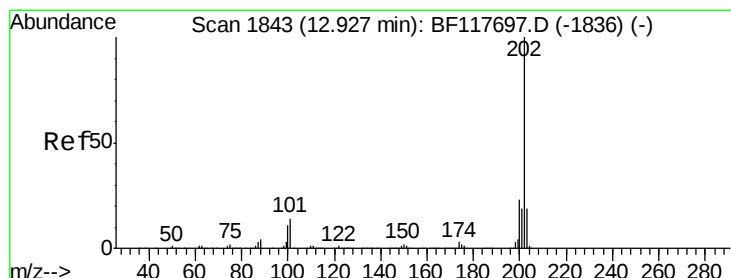
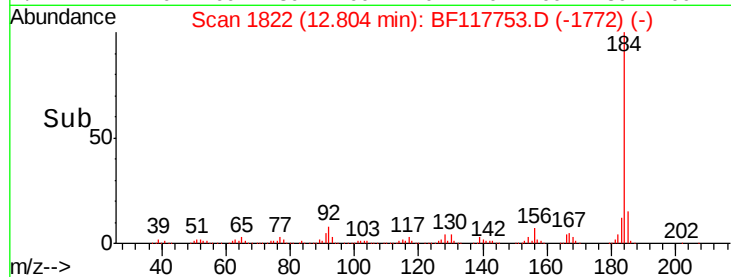
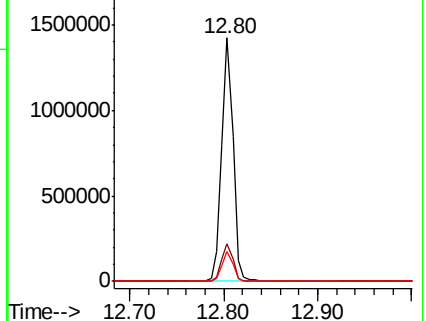
183 12.2 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.773 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

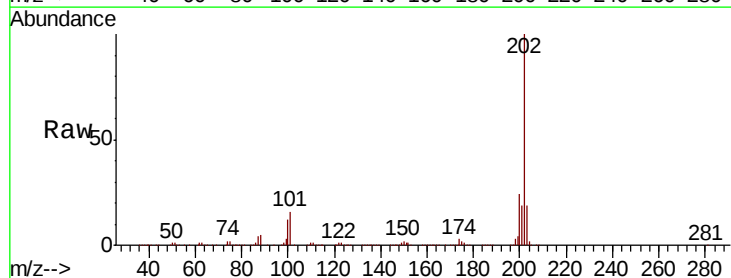
Tgt Ion:202 Resp: 2436248

Ion Ratio Lower Upper

202 100

200 23.6 18.8 28.2

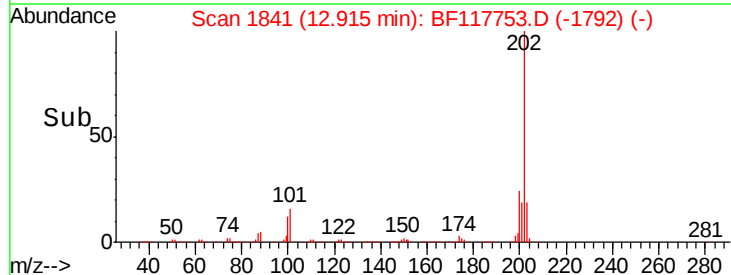
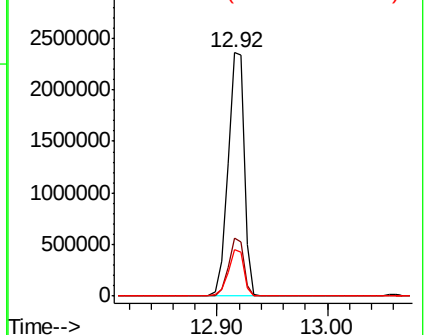
203 19.1 15.2 22.8

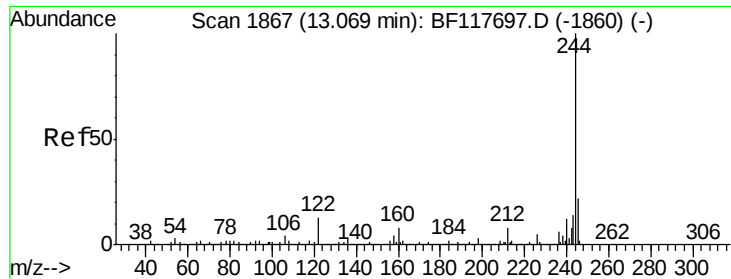


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.779 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

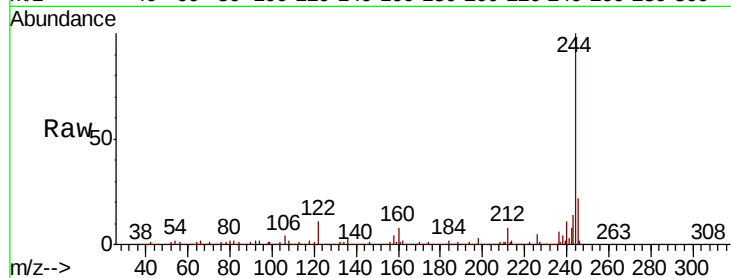
Tot Ion:244 Resp: 3170408

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

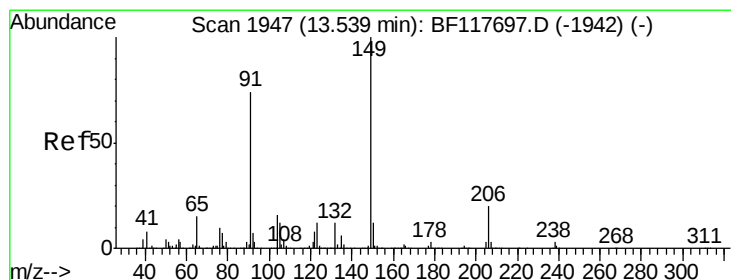
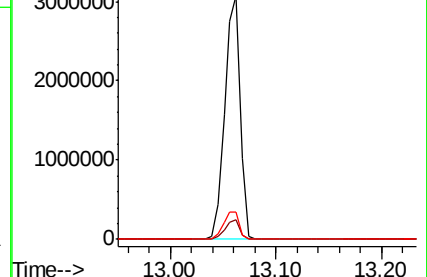
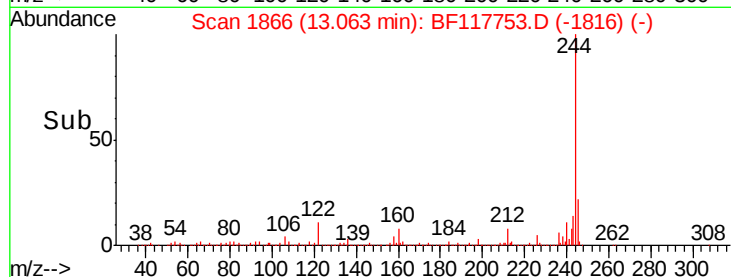
122 11.4 10.0 15.0



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: 39.971 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

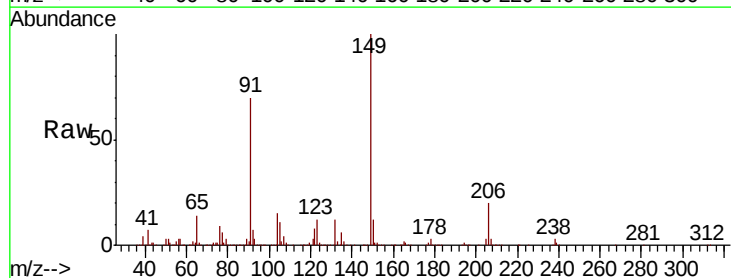
Tgt Ion:149 Resp: 1130913

Ion Ratio Lower Upper

149 100

91 69.6 59.1 88.7

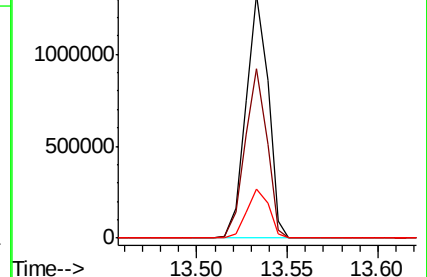
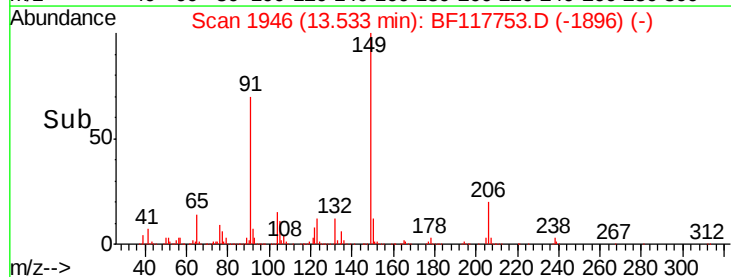
206 20.1 16.1 24.1

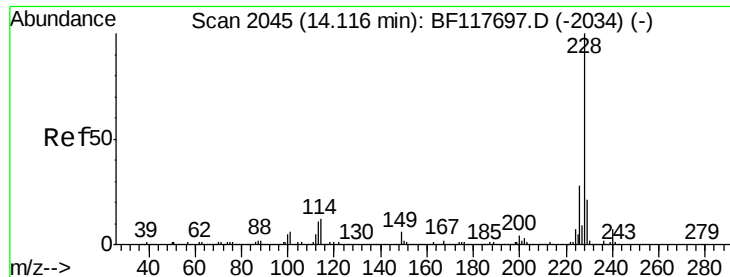


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.305 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

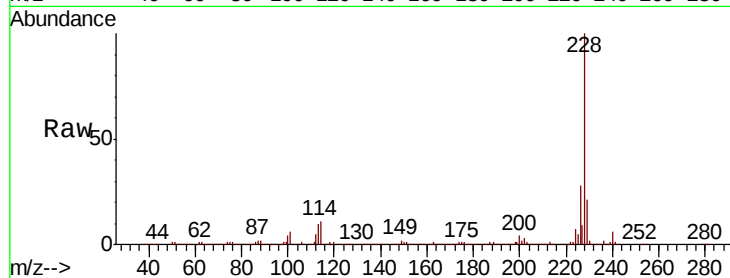
BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2209638

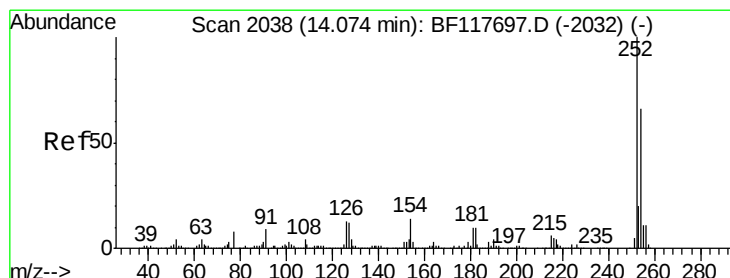
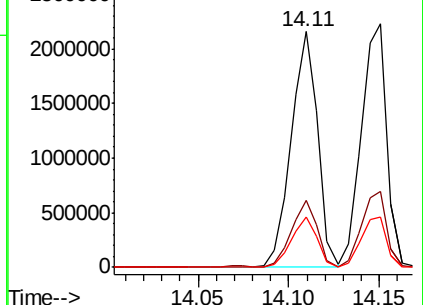
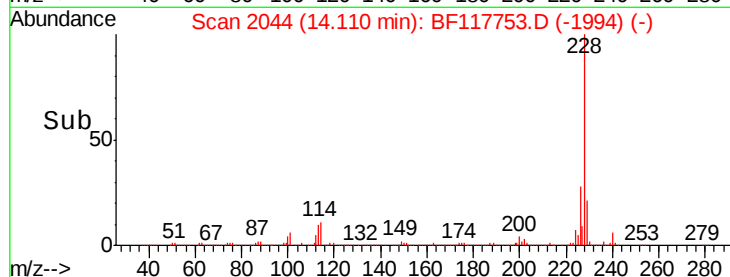
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.2  | 22.8  | 34.2  |
| 229 | 21.2  | 16.9  | 25.3  |



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: 45.207 ng

RT: 14.07 min Scan# 2037

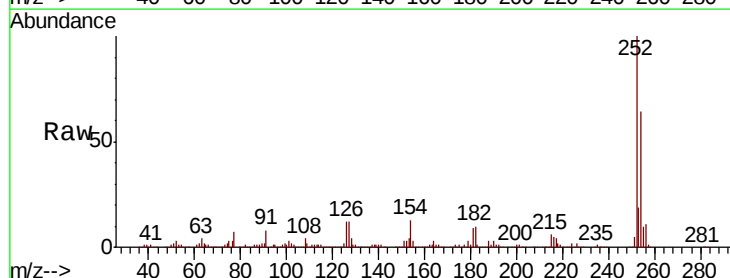
Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Tgt Ion:252 Resp: 881858

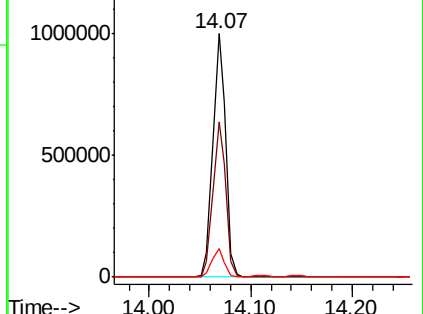
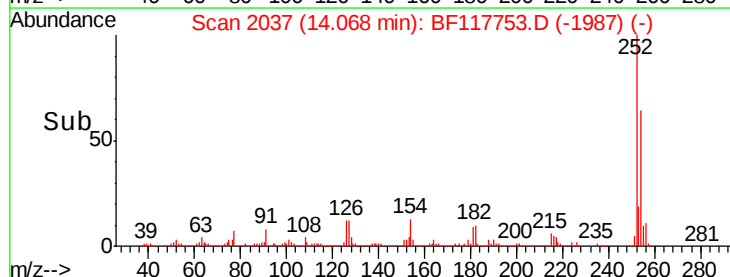
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.7  | 53.1  | 79.7  |
| 126 | 11.8  | 10.3  | 15.5  |

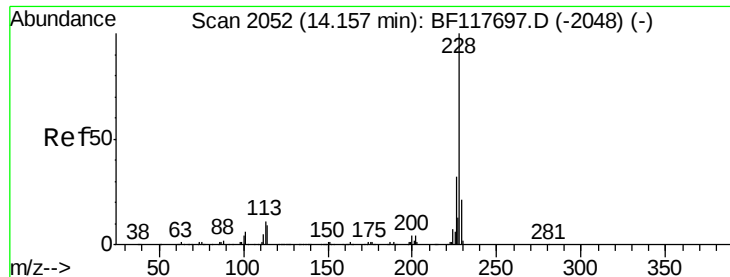


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

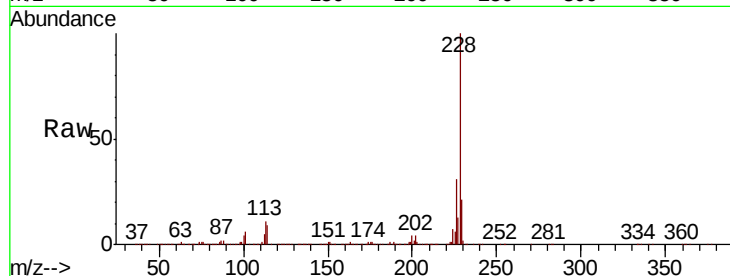




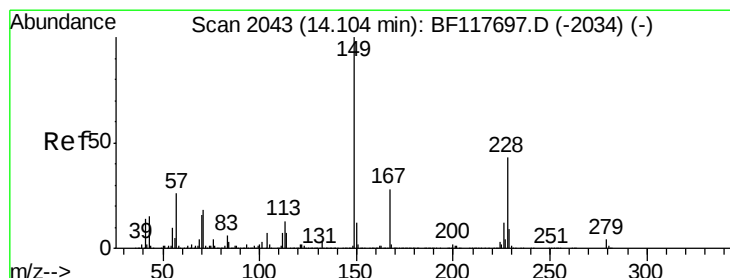
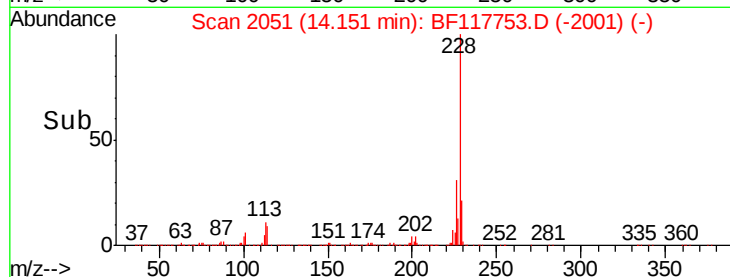
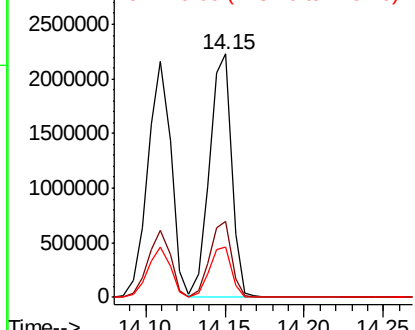
#83  
Chrysene  
Concen: 42.019 ng  
RT: 14.15 min Scan# 2051  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:228 Resp: 2167378  
Ion Ratio Lower Upper  
228 100  
226 31.4 25.4 38.2  
229 20.8 16.6 24.8

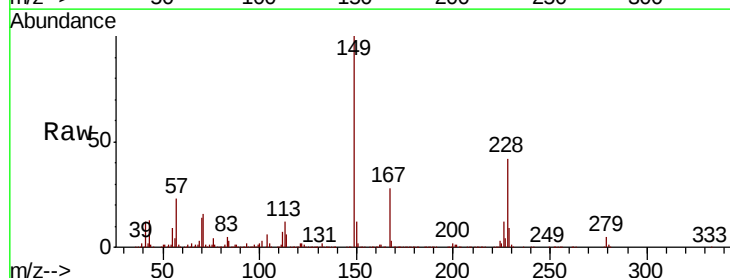


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

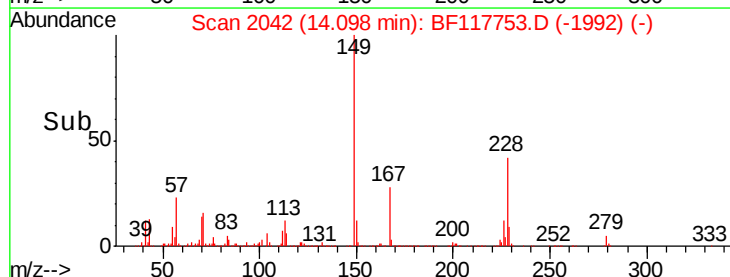
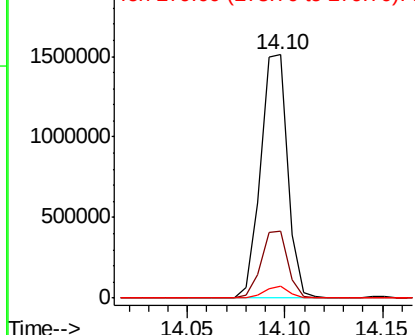


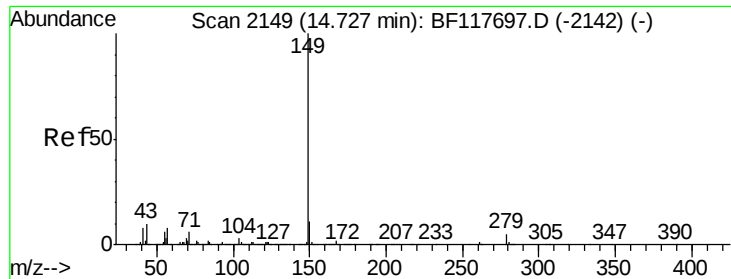
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 39.656 ng  
RT: 14.10 min Scan# 2042  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion:149 Resp: 1447340  
Ion Ratio Lower Upper  
149 100  
167 27.6 22.2 33.2  
279 4.8 3.4 5.2



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

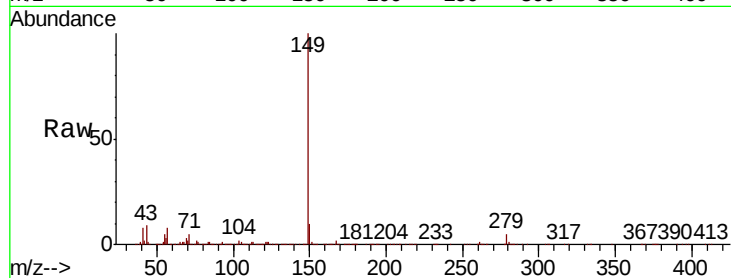




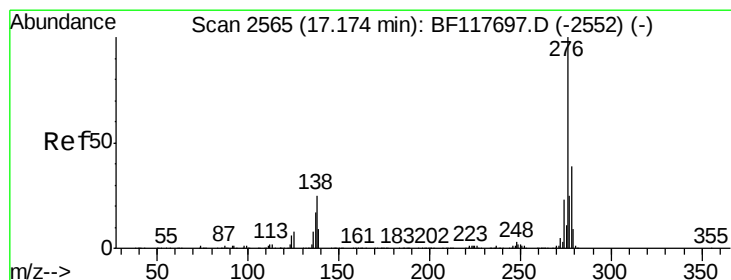
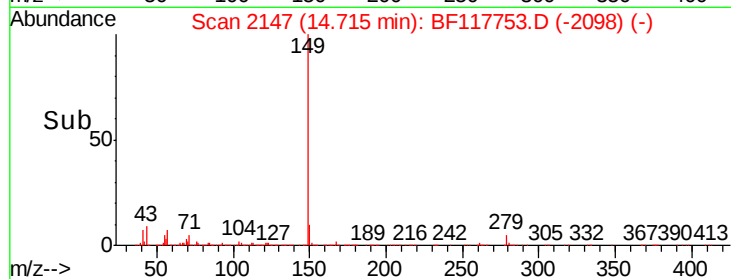
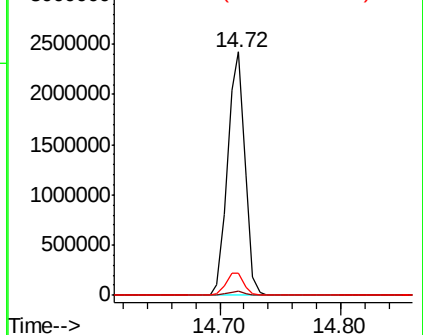
#85  
Di-n-octyl phthalate  
Concen: 41.810 ng  
RT: 14.72 min Scan# 2147  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:149 Resp: 2401244  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.7 8.4 12.6

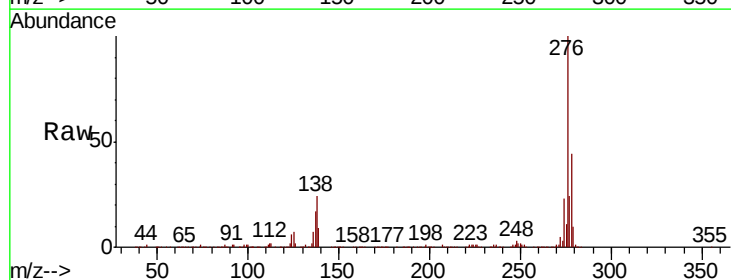


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

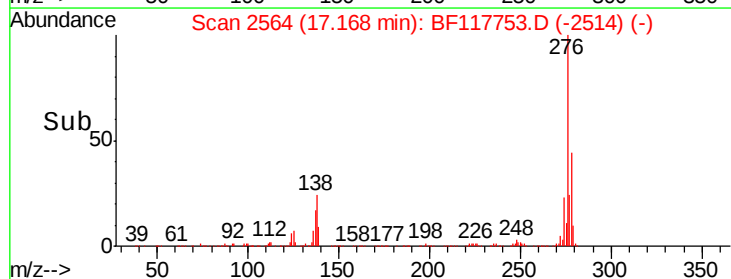
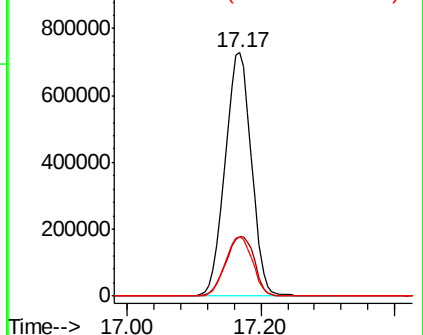


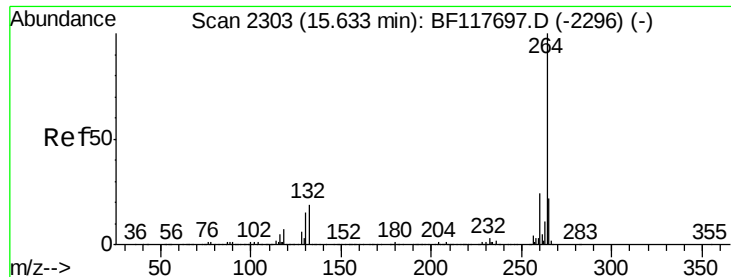
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 42.138 ng  
RT: 17.17 min Scan# 2564  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion:276 Resp: 2022987  
Ion Ratio Lower Upper  
276 100  
138 26.5 22.4 33.6  
277 25.1 20.6 30.8



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: 15.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

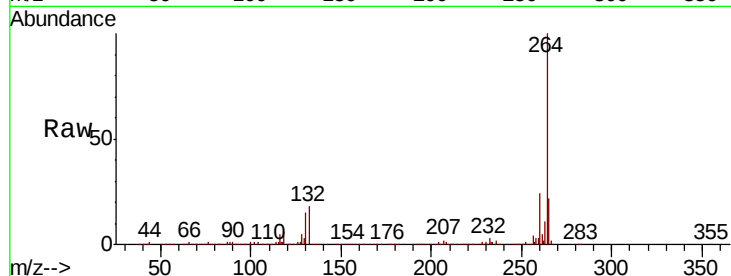
Tot Ion:264 Resp: 876552

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

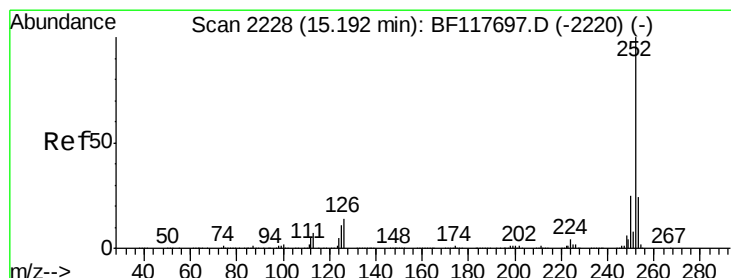
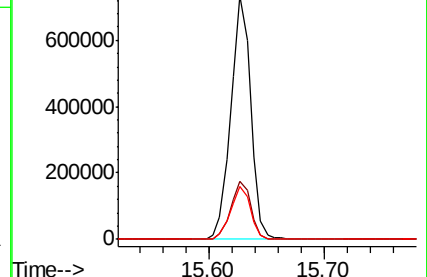
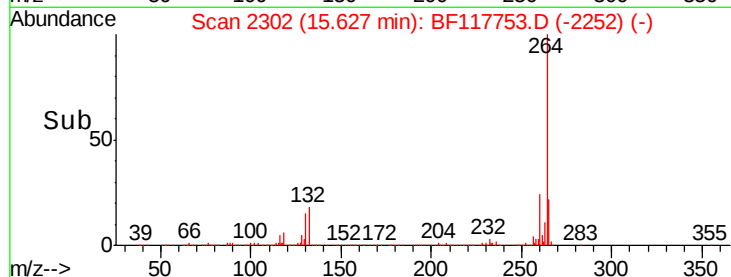
265 21.5 17.7 26.5



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: 40.593 ng

RT: 15.19 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BF117753.D

Acq: 12 Nov 2019 11:00

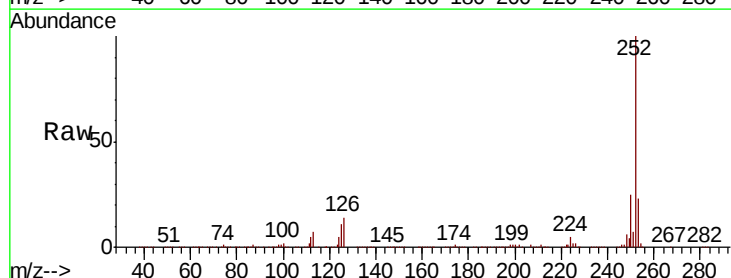
Tgt Ion:252 Resp: 2240977

Ion Ratio Lower Upper

252 100

253 22.9 18.9 28.3

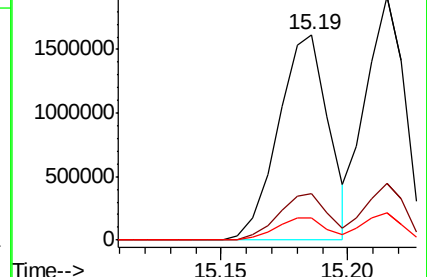
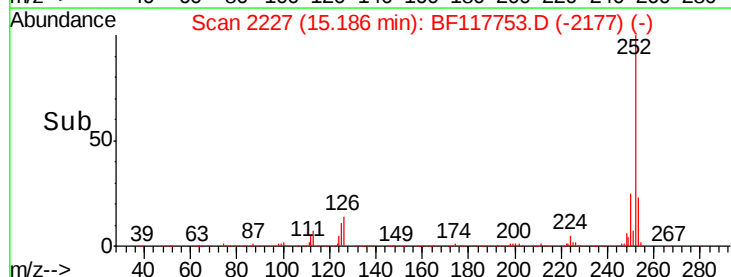
125 10.5 8.5 12.7

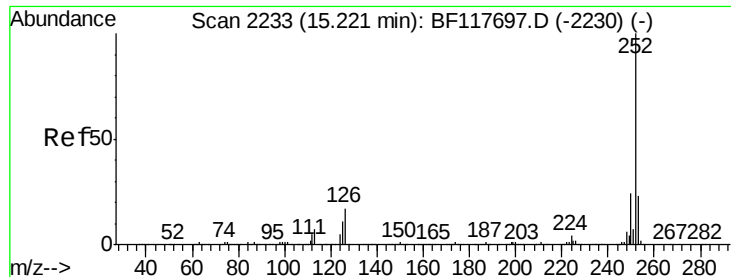


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

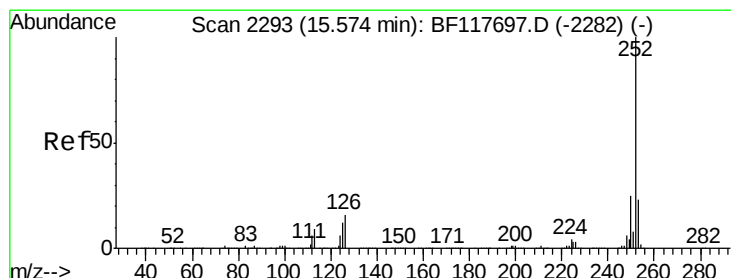
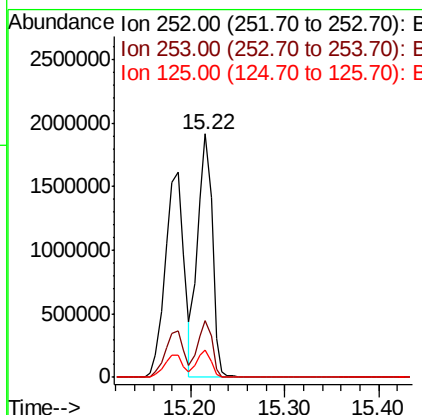
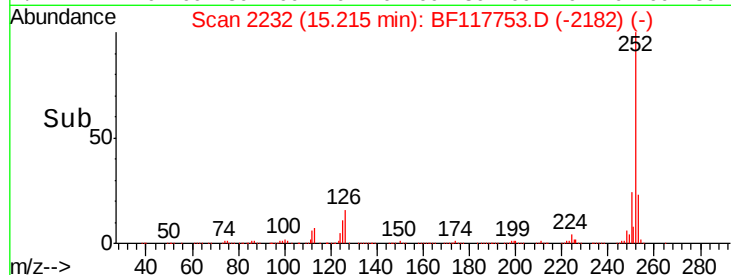
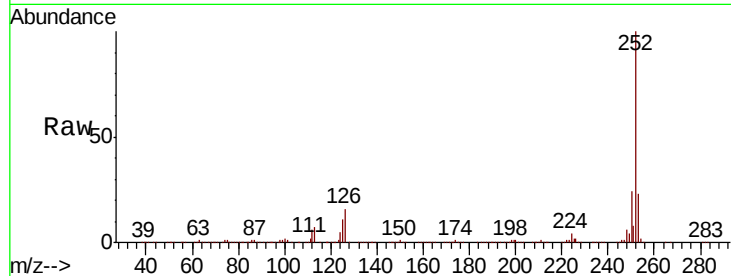




#89  
Benzo(k)fluoranthene  
Concen: 42.136 ng  
RT: 15.22 min Scan# 2232  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

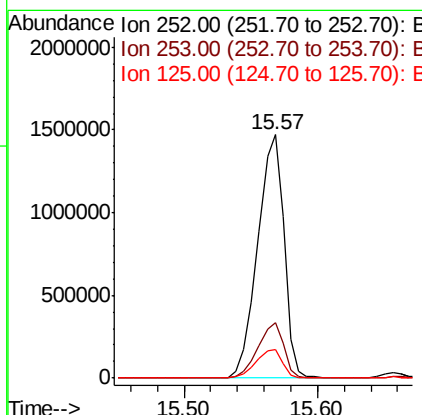
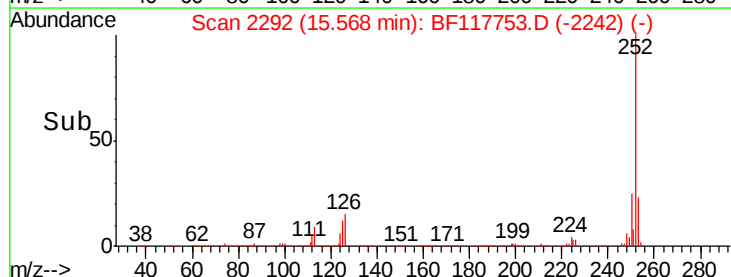
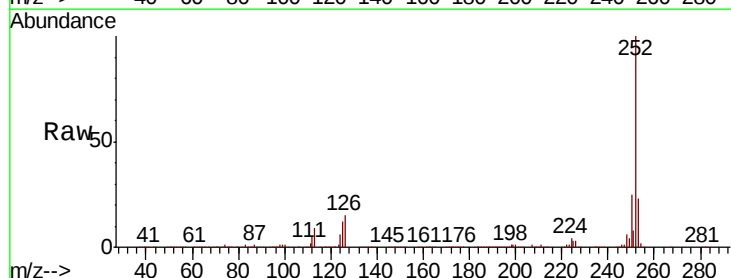
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

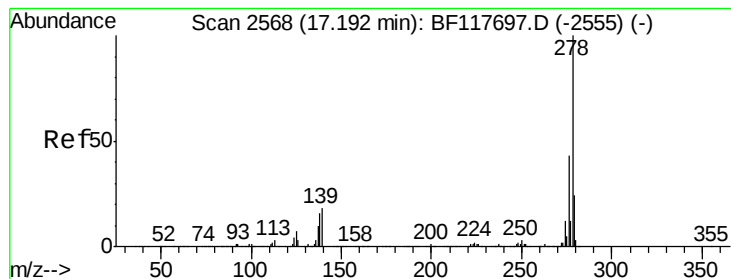
Tot Ion:252 Resp: 2074721  
Ion Ratio Lower Upper  
252 100  
253 23.3 17.9 26.9  
125 11.1 9.1 13.7



#90  
Benzo(a)pyrene  
Concen: 41.841 ng  
RT: 15.57 min Scan# 2292  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion:252 Resp: 2002394  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.0 27.0  
125 12.0 9.5 14.3



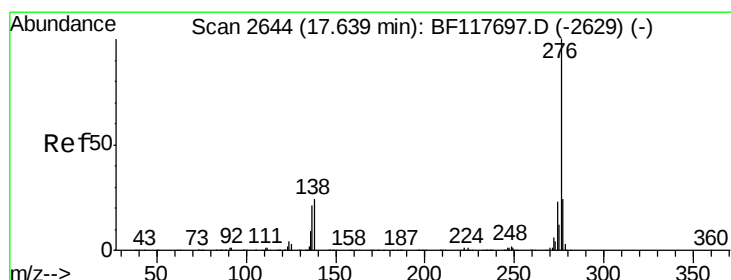
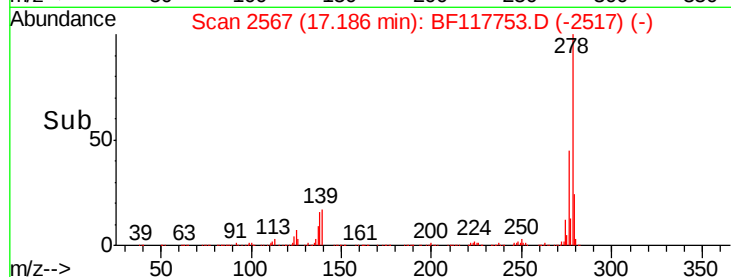
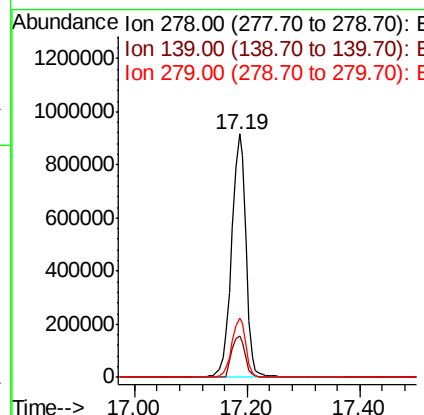
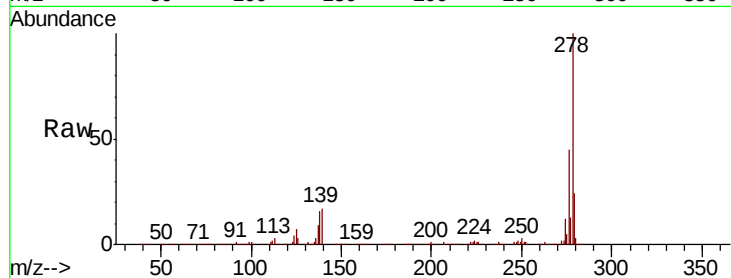


#91  
Dibenzo(a,h)anthracene  
Concen: 38.003 ng  
RT: 17.19 min Scan# 2567  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:278 Resp: 1631138  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 17.2  | 14.3  | 21.5  |
| 279 | 24.5  | 19.0  | 28.6  |



#92  
Benzo(g,h,i)perylene  
Concen: 38.136 ng  
RT: 17.63 min Scan# 2643  
Delta R.T. -0.01 min  
Lab File: BF117753.D  
Acq: 12 Nov 2019 11:00

Tgt Ion:276 Resp: 1586335  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.8  | 19.4  | 29.0  |
| 138 | 23.2  | 19.2  | 28.8  |

