

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\  
 Data File : BF117778.D  
 Acq On : 13 Nov 2019 16:23  
 Operator : JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Quant Time: Nov 13 16:51:05 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 16:36:34 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.93  | 152  | 278172   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.22  | 136  | 1052643  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.97  | 164  | 545220   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.47 | 188  | 1020091  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.12 | 240  | 586677   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.62 | 264  | 507400   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.53  | 112 | 1500093 | 97.62  | ng | 0.00 |
| 7) Phenol-d6             | 6.55  | 99  | 1791780 | 94.56  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.49  | 82  | 1786313 | 100.19 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.77 | 330 | 561471  | 105.27 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.29  | 172 | 3092907 | 111.92 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.06 | 244 | 3216135 | 112.85 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.72 | 88  | 362758  | 47.377 | ng | 99     |
| 3) Pyridine                    | 3.49 | 79  | 960216  | 45.591 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.44 | 42  | 416296  | 44.852 | ng | 98     |
| 6) Aniline                     | 6.59 | 93  | 1243468 | 46.760 | ng | 100    |
| 8) 2-Chlorophenol              | 6.71 | 128 | 846403  | 49.511 | ng | 98     |
| 9) Benzaldehyde                | 6.47 | 77  | 581442  | 44.102 | ng | 99     |
| 10) Phenol                     | 6.56 | 94  | 977954  | 47.898 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.66 | 93  | 784757  | 46.545 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.87 | 146 | 996808  | 50.303 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.95 | 146 | 1009849 | 50.909 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.10 | 146 | 932095  | 51.033 | ng | 99     |
| 15) Benzyl Alcohol             | 7.06 | 79  | 742137  | 49.121 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.20 | 45  | 1232348 | 46.228 | ng | 99     |
| 17) 2-Methylphenol             | 7.17 | 107 | 726030  | 49.449 | ng | 100    |
| 18) Hexachloroethane           | 7.45 | 117 | 376462  | 51.343 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.35 | 70  | 578362  | 46.421 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.33 | 107 | 858528  | 49.106 | ng | 90     |
| 22) Acetophenone               | 7.34 | 105 | 1148813 | 47.751 | ng | 97     |
| 24) Nitrobenzene               | 7.51 | 77  | 916272  | 49.214 | ng | 97     |
| 25) Isophorone                 | 7.75 | 82  | 1592687 | 46.704 | ng | 98     |
| 26) 2-Nitrophenol              | 7.83 | 139 | 459673  | 53.182 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.86 | 122 | 693281  | 47.569 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.96 | 93  | 1013758 | 46.311 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.07 | 162 | 748716  | 49.864 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.15 | 180 | 864413  | 50.289 | ng | 99     |
| 31) Naphthalene                | 8.24 | 128 | 2401018 | 49.902 | ng | 99     |
| 32) Benzoic acid               | 7.98 | 122 | 614513  | 53.266 | ng | 99     |
| 33) 4-Chloroaniline            | 8.28 | 127 | 1080342 | 48.323 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.35 | 225 | 505950  | 51.400 | ng | 98     |
| 35) Caprolactam                | 8.66 | 113 | 235304  | 47.281 | ng | 91     |
| 36) 4-Chloro-3-methylphenol    | 8.76 | 107 | 749933  | 49.495 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.93 | 142 | 1624507 | 49.595 | ng | 99     |
| 38) 1-Methylnaphthalene        | 9.03 | 142 | 1541625 | 49.561 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.10 | 216 | 791036  | 53.033 | ng | 100    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\  
 Data File : BF117778.D  
 Acq On : 13 Nov 2019 16:23  
 Operator : JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Quant Time: Nov 13 16:51:05 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 16:36:34 2019  
 Response via : Initial Calibration

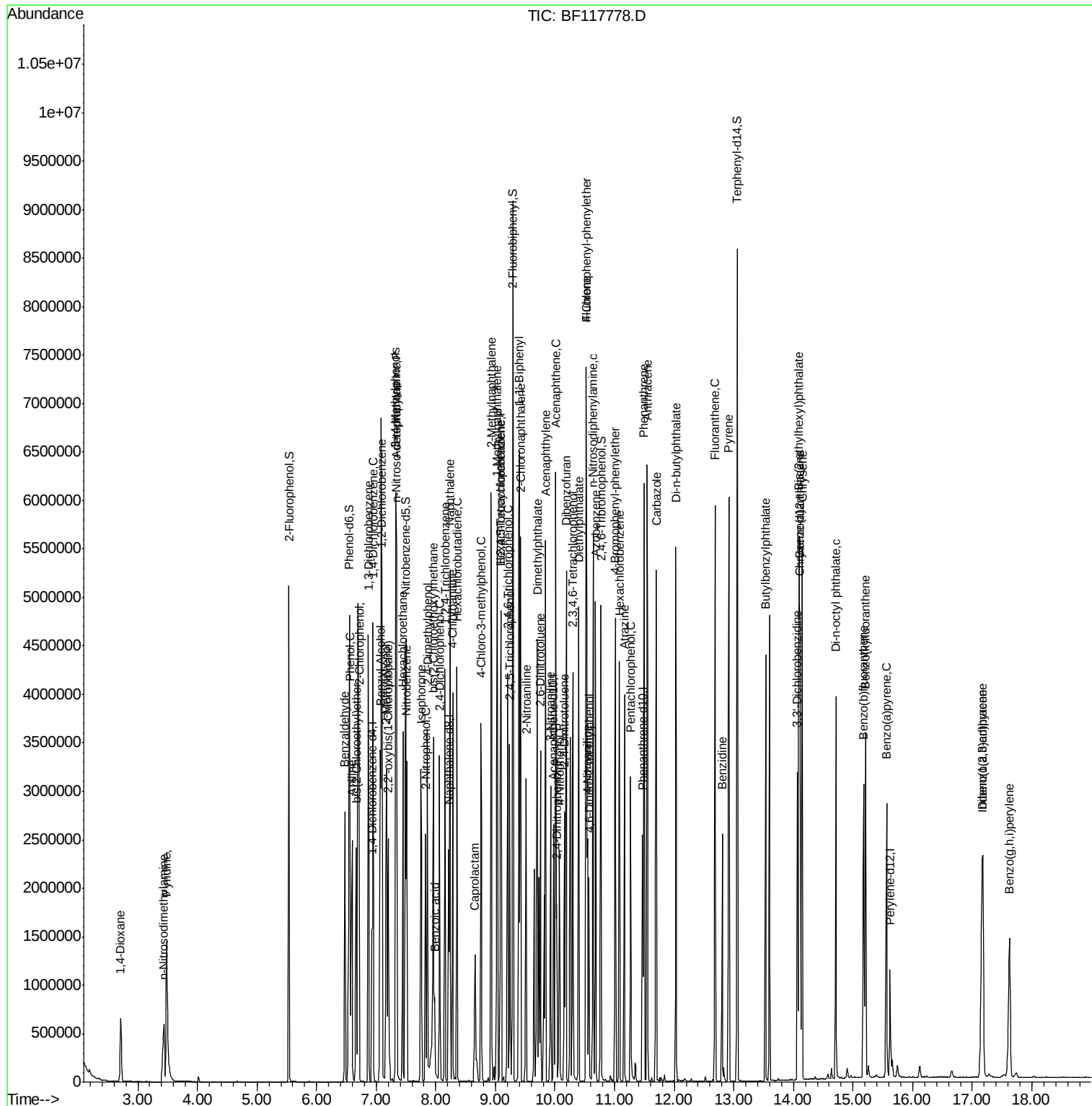
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.09  | 237  | 454075   | 56.429 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.20  | 196  | 572968   | 52.743 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.25  | 196  | 590430   | 53.620 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.40  | 154  | 1981823  | 51.901 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.42  | 162  | 1657023  | 52.291 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.52  | 65   | 511847   | 51.544 | ng    | 91       |
| 49) Acenaphthylene             | 9.84  | 152  | 2401428  | 52.037 | ng    | 98       |
| 50) Dimethylphthalate          | 9.70  | 163  | 1874937  | 50.868 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.76  | 165  | 422069   | 51.138 | ng    | 92       |
| 52) Acenaphthene               | 10.01 | 154  | 1531637  | 51.435 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.93  | 138  | 495228   | 49.734 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 10.03 | 184  | 195162   | 68.973 | ng    | # 89     |
| 55) Dibenzofuran               | 10.19 | 168  | 2104515  | 50.506 | ng    | 99       |
| 56) 4-Nitrophenol              | 10.07 | 139  | 368064   | 49.151 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 10.16 | 165  | 542719   | 51.260 | ng    | 90       |
| 58) Fluorene                   | 10.53 | 166  | 1573411  | 51.234 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.30 | 232  | 483065   | 52.773 | ng    | 99       |
| 60) Diethylphthalate           | 10.40 | 149  | 1851530  | 51.079 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.52 | 204  | 838220   | 52.432 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.55 | 138  | 493032   | 50.306 | ng    | 100      |
| 63) Azobenzene                 | 10.68 | 77   | 1669914  | 48.639 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.57 | 198  | 256848   | 63.057 | ng    | 83       |
| 66) n-Nitrosodiphenylamine     | 10.64 | 169  | 1466715  | 48.682 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 11.01 | 248  | 549813   | 49.352 | ng    | 95       |
| 68) Hexachlorobenzene          | 11.08 | 284  | 640027   | 49.731 | ng    | 92       |
| 69) Atrazine                   | 11.16 | 200  | 491451   | 49.501 | ng    | 98       |
| 70) Pentachlorophenol          | 11.27 | 266  | 385310   | 53.557 | ng    | 100      |
| 71) Phenanthrene               | 11.49 | 178  | 2404842  | 49.184 | ng    | 99       |
| 72) Anthracene                 | 11.55 | 178  | 2404740  | 49.435 | ng    | 99       |
| 73) Carbazole                  | 11.70 | 167  | 2170066  | 48.799 | ng    | 99       |
| 74) Di-n-butylphthalate        | 12.03 | 149  | 2643232  | 48.883 | ng    | 99       |
| 75) Fluoranthene               | 12.69 | 202  | 2373182  | 47.534 | ng    | 98       |
| 77) Benzidine                  | 12.80 | 184  | 970140   | 47.563 | ng    | 100      |
| 78) Pyrene                     | 12.92 | 202  | 2344431  | 54.742 | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.53 | 149  | 1055964  | 53.381 | ng    | 99       |
| 81) Benzo(a)anthracene         | 14.10 | 228  | 1919206  | 52.555 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.07 | 252  | 698616   | 51.223 | ng    | # 98     |
| 83) Chrysene                   | 14.14 | 228  | 1880146  | 52.134 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 14.09 | 149  | 1289866  | 50.549 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.71 | 149  | 1929507  | 48.052 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 17.16 | 276  | 1568116  | 46.717 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 15.18 | 252  | 1655300  | 51.798 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.21 | 252  | 1595096  | 55.964 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.56 | 252  | 1455238  | 52.531 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.18 | 278  | 1266804  | 50.987 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.63 | 276  | 1265278  | 52.548 | ng    | 98       |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\  
Data File : BF117778.D  
Acq On : 13 Nov 2019 16:23  
Operator : JU  
Sample : SSTDICC050  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC050

Quant Time: Nov 13 16:51:05 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 13 16:36:34 2019  
Response via : Initial Calibration



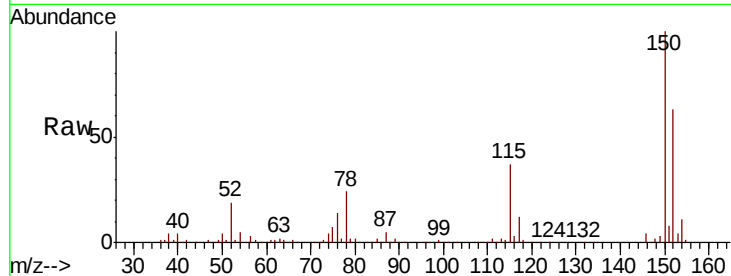


#1

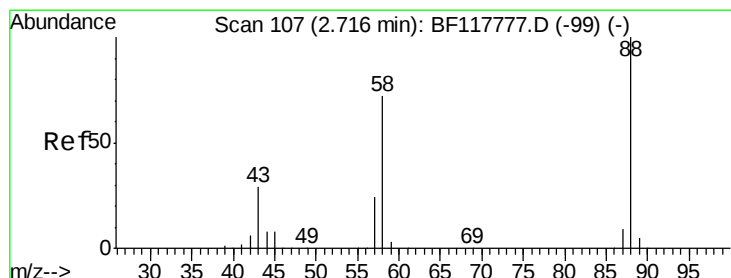
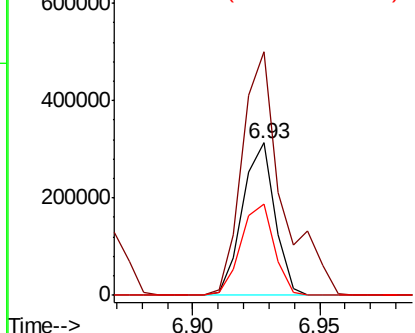
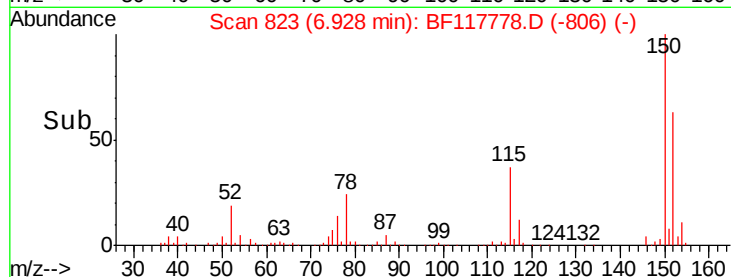
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.93 min Scan# 823  
 Delta R.T. 0.00 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion:152 Resp: 278172  
 Ion Ratio Lower Upper  
 152 100  
 150 159.9 125.3 187.9  
 115 59.7 47.0 70.4



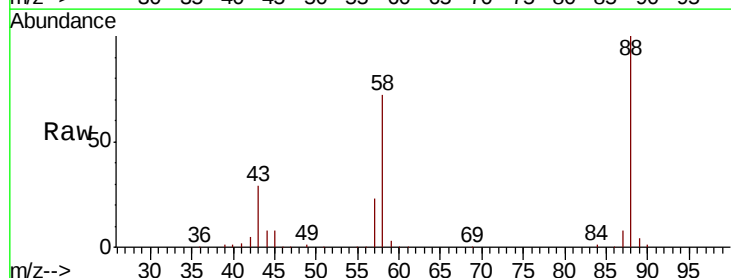
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



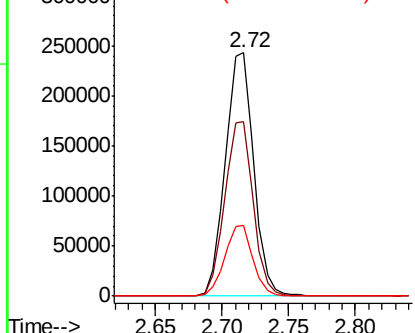
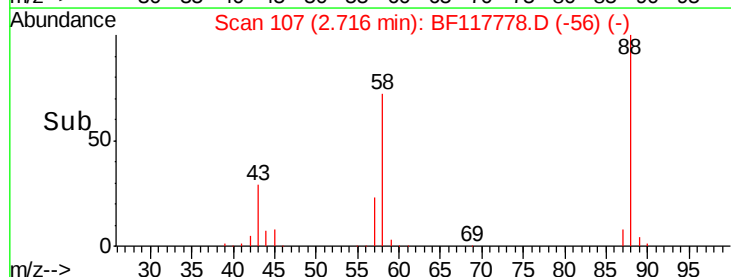
#2

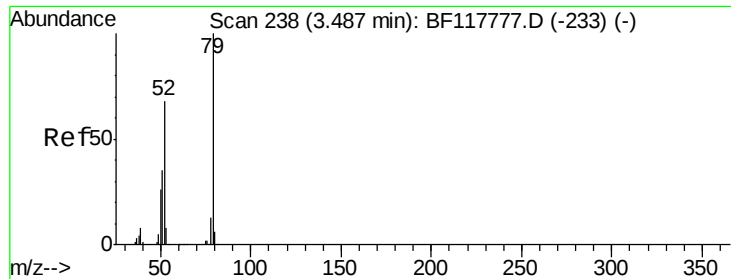
1,4-Dioxane  
 Concen: 47.377 ng  
 RT: 2.72 min Scan# 107  
 Delta R.T. 0.00 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

Tgt Ion: 88 Resp: 362758  
 Ion Ratio Lower Upper  
 88 100  
 58 71.9 58.2 87.2  
 43 28.8 23.3 34.9



Abundance Ion 88.00 (87.70 to 88.70): BF1  
 Ion 58.00 (57.70 to 58.70): BF1  
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 45.591 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

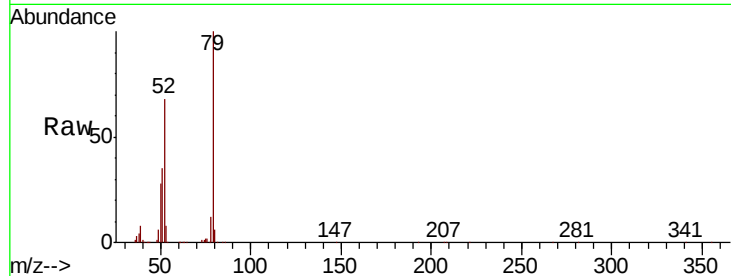
Tot Ion: 79 Resp: 960216

Ion Ratio Lower Upper

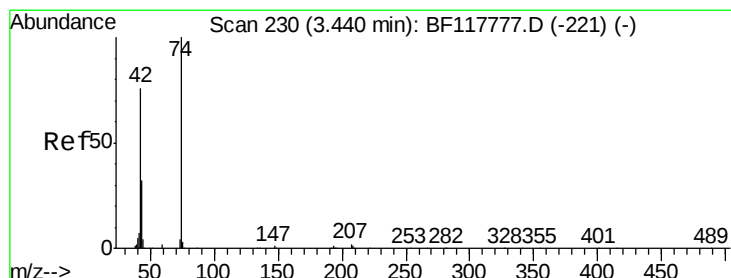
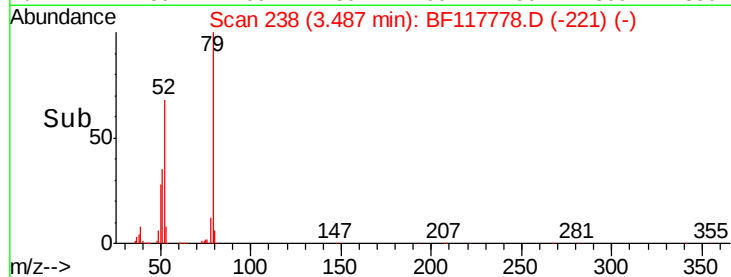
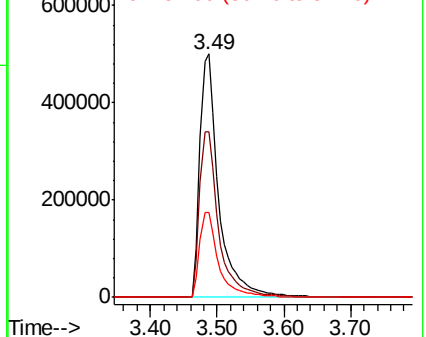
79 100

52 68.2 54.8 82.2

51 35.0 28.2 42.4



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



#4

n-Nitrosodimethylamine

Concen: 44.852 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

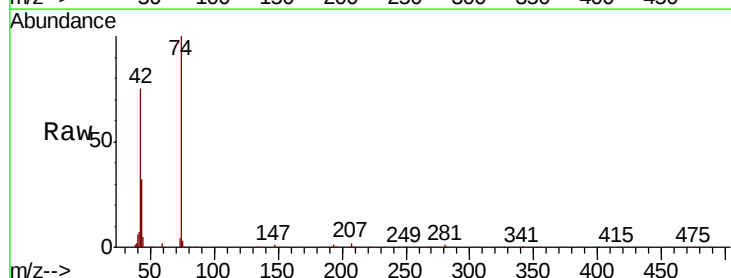
Tgt Ion: 42 Resp: 416296

Ion Ratio Lower Upper

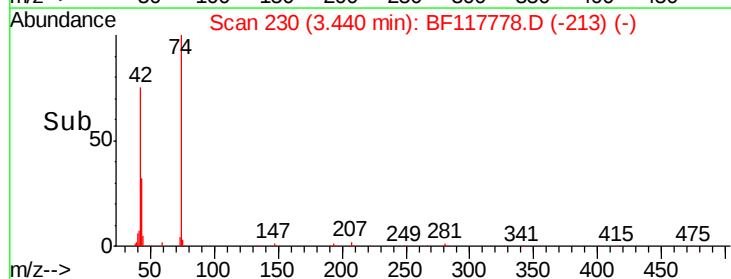
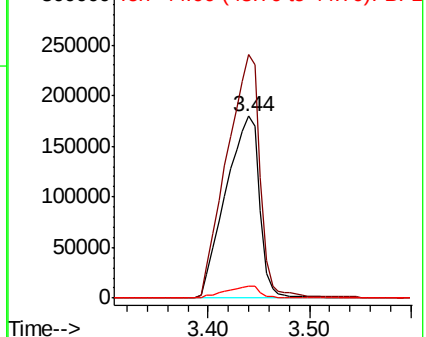
42 100

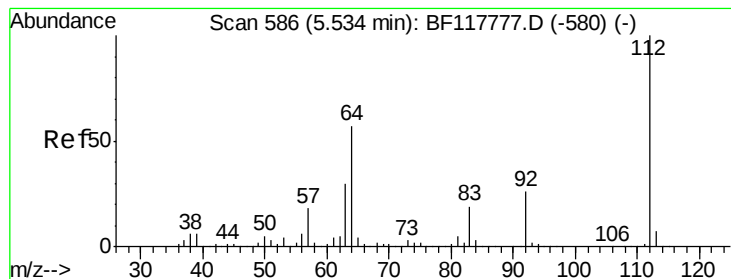
74 133.9 105.1 157.7

44 6.5 4.6 7.0



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

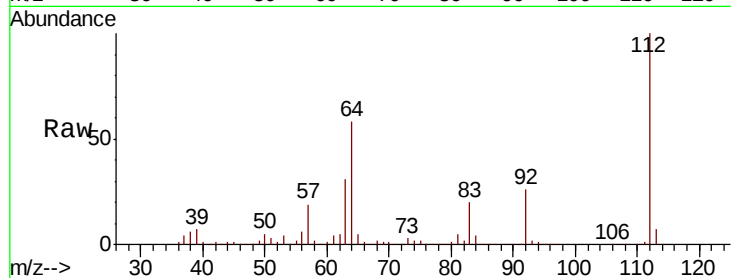




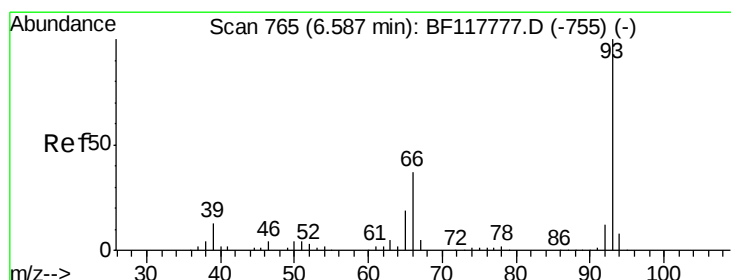
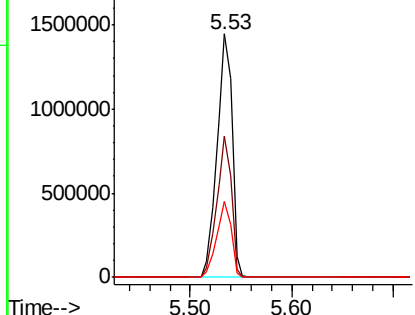
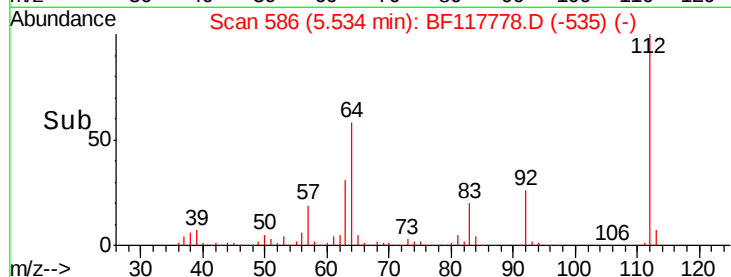
#5  
2-Fluorophenol  
Concen: 97.616 ng  
RT: 5.53 min Scan# 586  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:112 Resp: 1500093  
Ion Ratio Lower Upper  
112 100  
64 57.9 45.6 68.4  
63 31.2 24.1 36.1

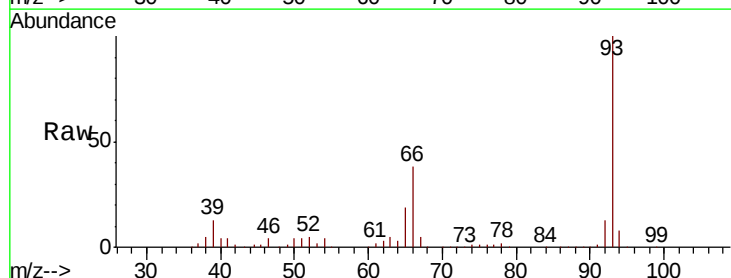


Abundance Ion 112.00 (111.70 to 112.70): BF1  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1

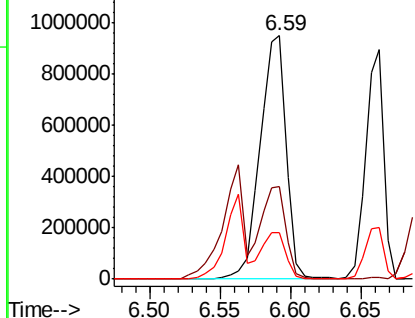
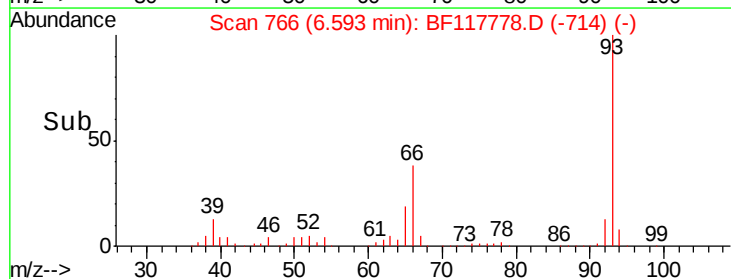


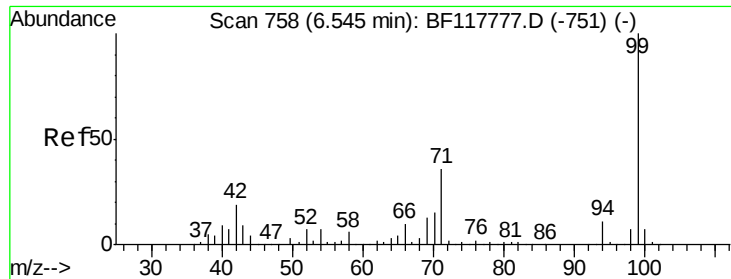
#6  
Aniline  
Concen: 46.760 ng  
RT: 6.59 min Scan# 766  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Tgt Ion: 93 Resp: 1243468  
Ion Ratio Lower Upper  
93 100  
66 38.2 30.6 45.8  
65 19.1 15.6 23.4



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: 94.561 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

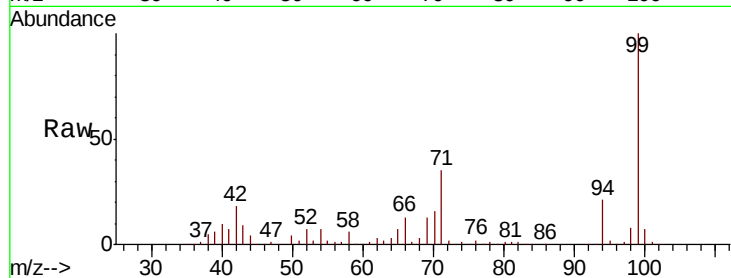
BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 1791780

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.4  | 14.9  | 22.3  |
| 71  | 35.3  | 28.6  | 43.0  |

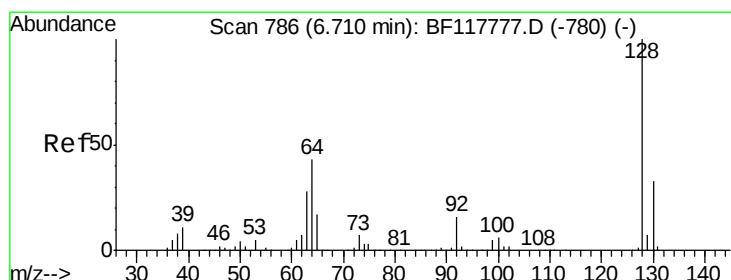
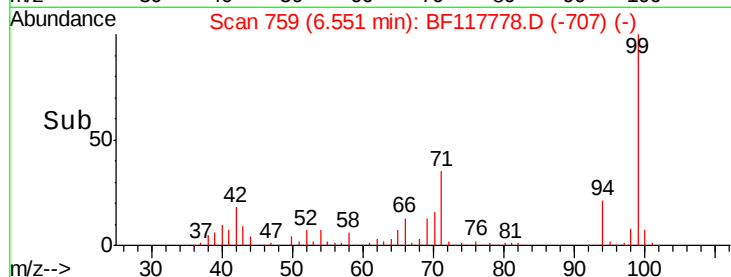
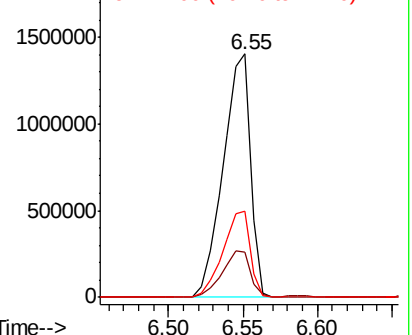


Abundance

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: 49.511 ng

RT: 6.71 min Scan# 786

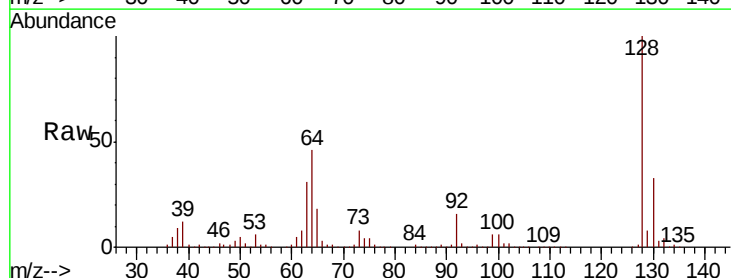
Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Tgt Ion: 128 Resp: 846403

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.9  | 13.2  | 53.2  |
| 64  | 45.9  | 23.7  | 63.7  |

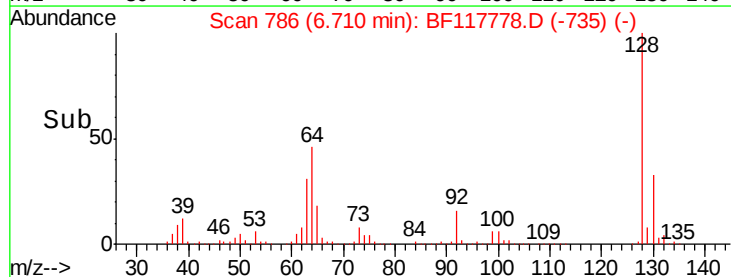
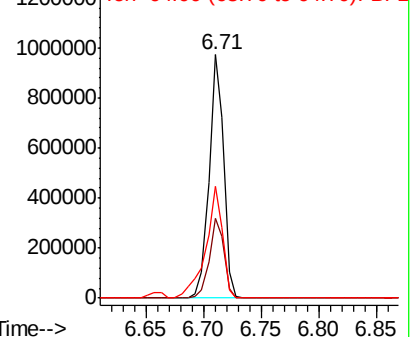


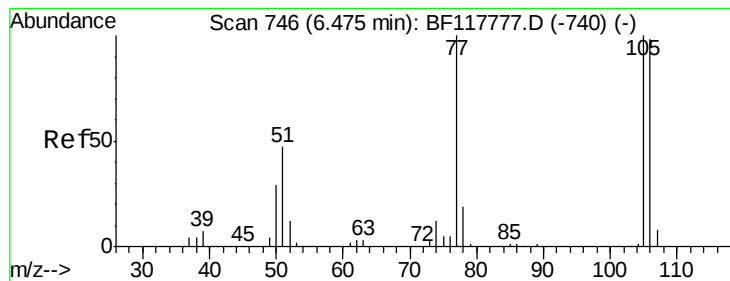
Abundance

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: 44.102 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

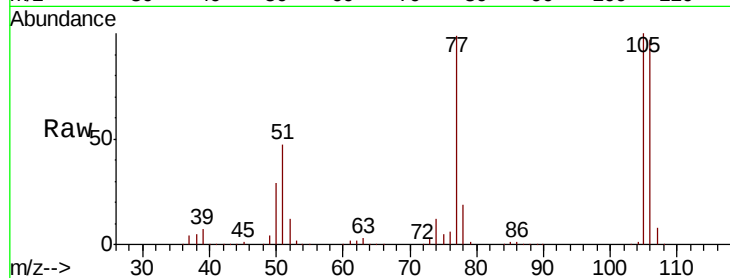
Tot Ion: 77 Resp: 581442

Ion Ratio Lower Upper

77 100

105 101.2 80.2 120.2

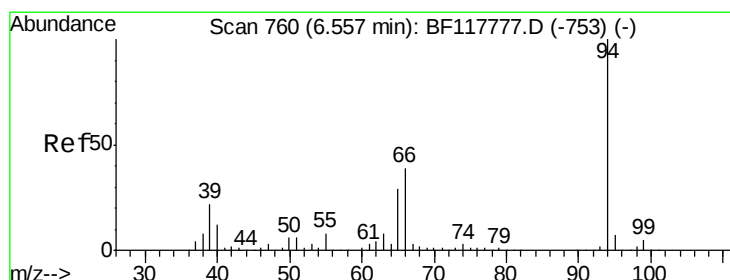
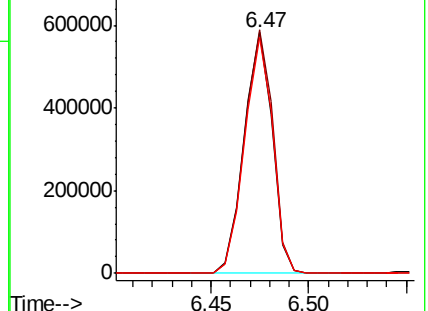
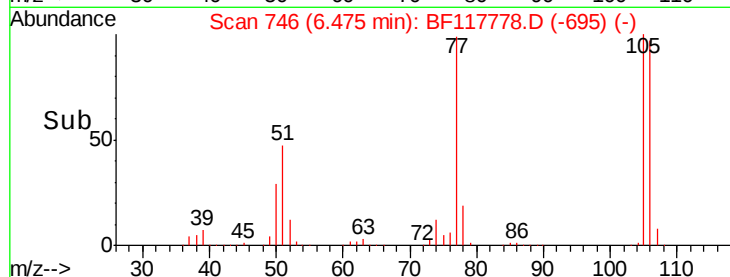
106 98.2 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 47.898 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

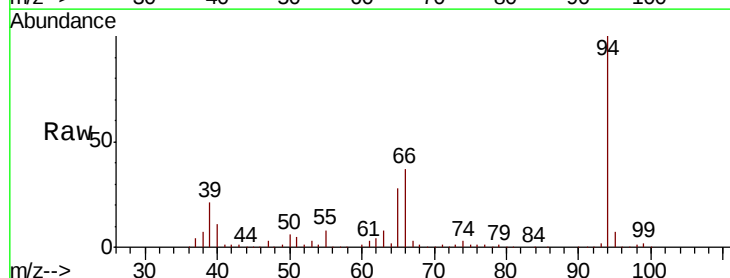
Tgt Ion: 94 Resp: 977954

Ion Ratio Lower Upper

94 100

65 27.9 8.9 48.9

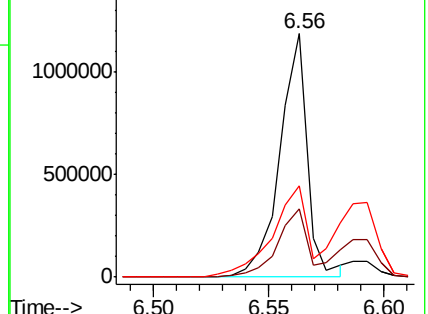
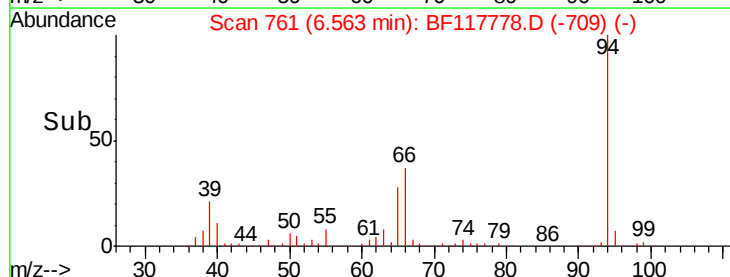
66 37.3 18.7 58.7

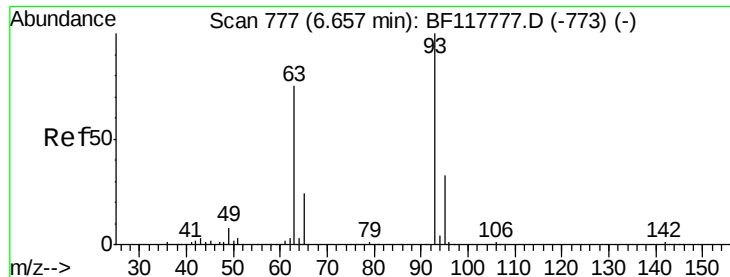


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

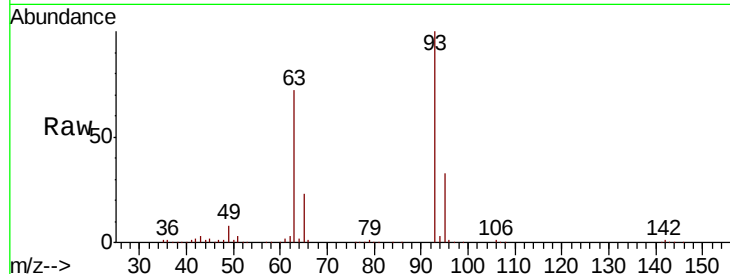




#11  
bis(2-Chloroethyl)ether  
Concen: 46.545 ng  
RT: 6.66 min Scan# 778  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 72.1  | 54.8  | 94.8  |
| 95      | 33.3  | 12.7  | 52.7  |

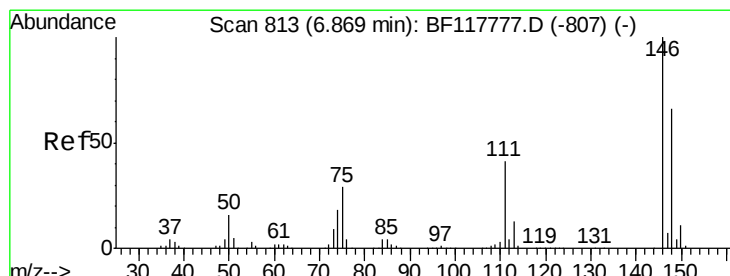
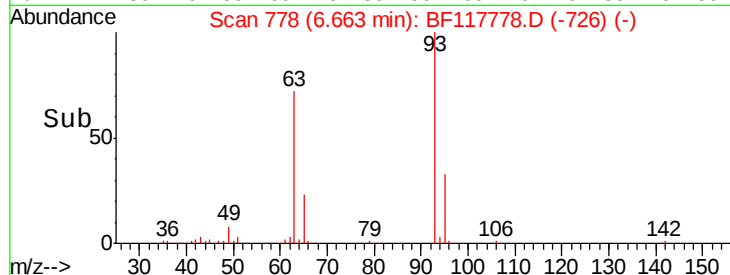
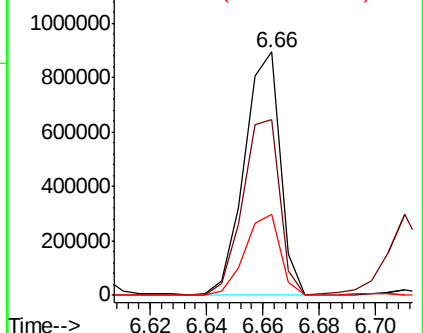


Abundance

Ion 93.00 (92.70 to 93.70): BF1

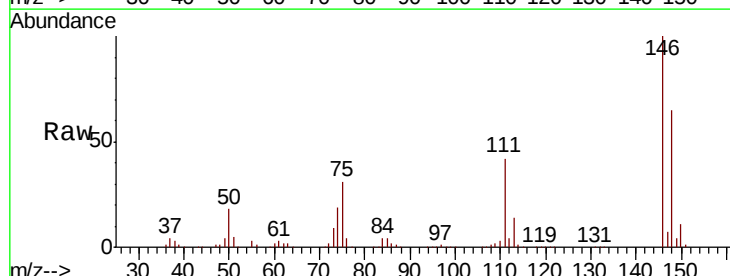
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12  
1,3-Dichlorobenzene  
Concen: 50.303 ng  
RT: 6.87 min Scan# 813  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.3  | 52.8  | 79.2  |
| 75      | 30.9  | 23.4  | 35.0  |

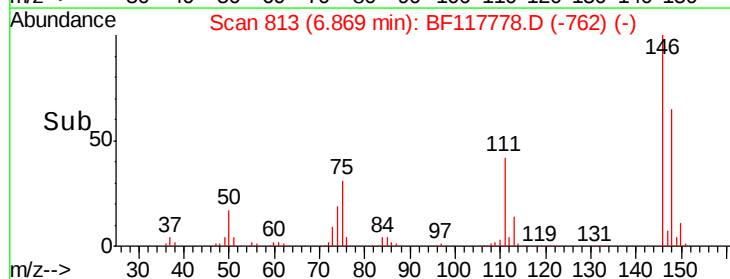
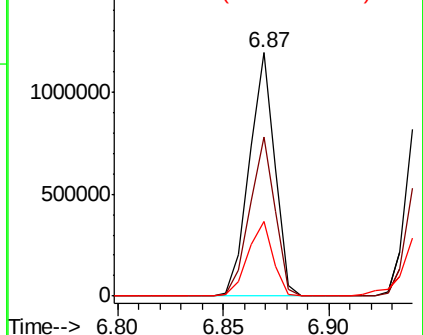


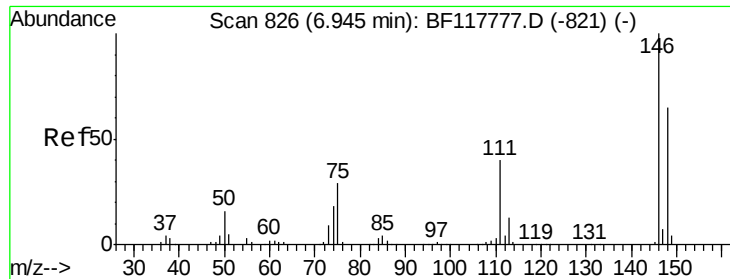
Abundance

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

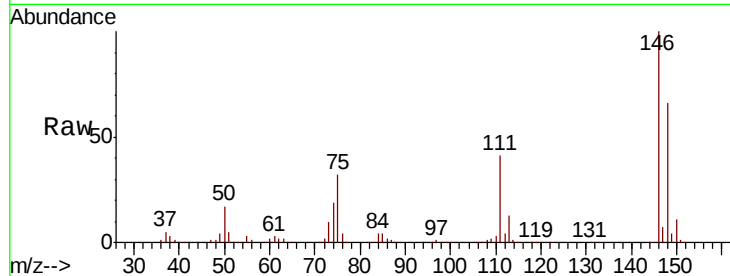




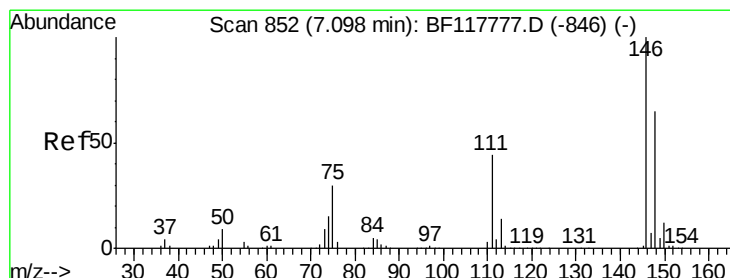
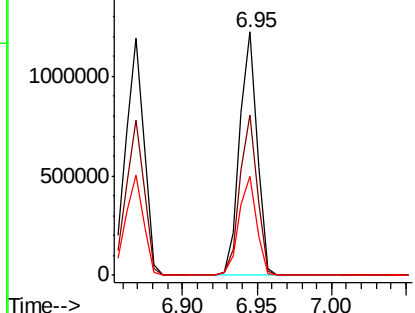
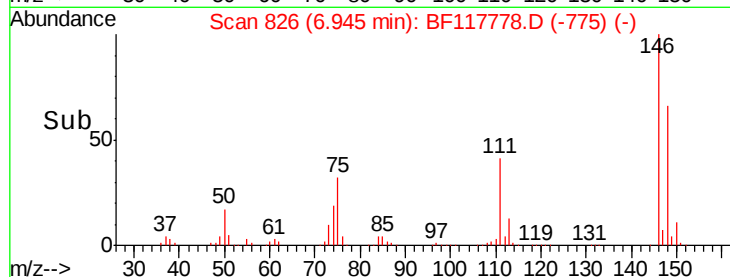
#13  
 1,4-Dichlorobenzene  
 Concen: 50.909 ng  
 RT: 6.95 min Scan# 826  
 Delta R.T. 0.00 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion:146 Resp: 1009849  
 Ion Ratio Lower Upper  
 146 100  
 148 65.8 52.3 78.5  
 111 40.9 32.2 48.4

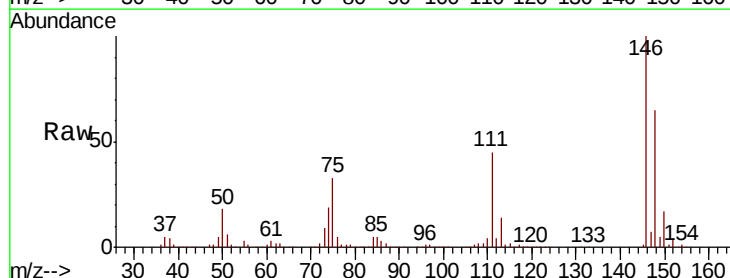


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

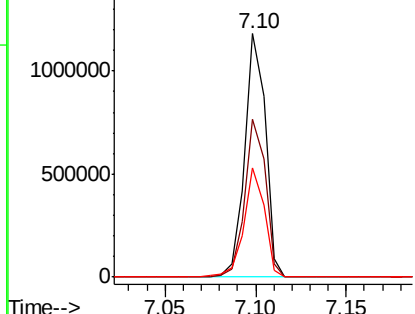
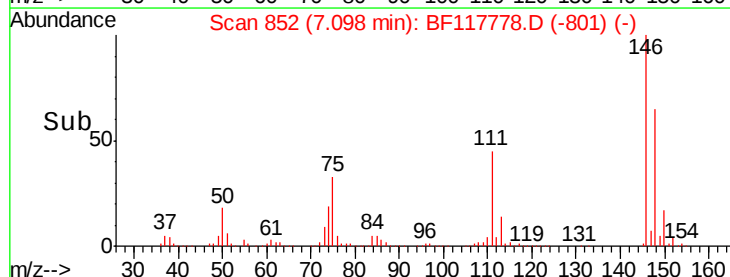


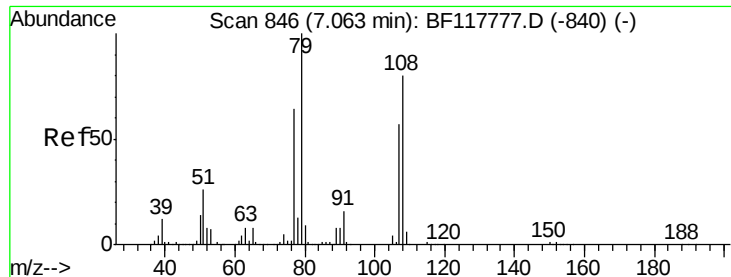
#14  
 1,2-Dichlorobenzene  
 Concen: 51.033 ng  
 RT: 7.10 min Scan# 852  
 Delta R.T. 0.00 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

Tgt Ion:146 Resp: 932095  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 51.8 77.8  
 111 44.7 35.0 52.6



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: 49.121 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

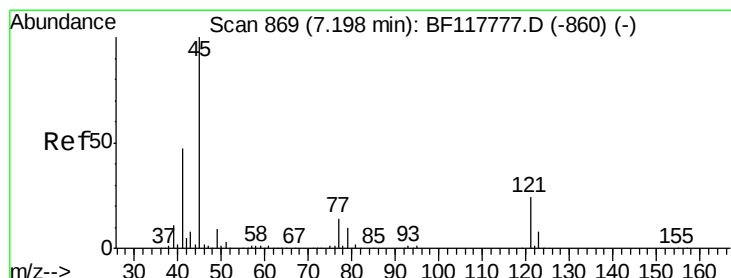
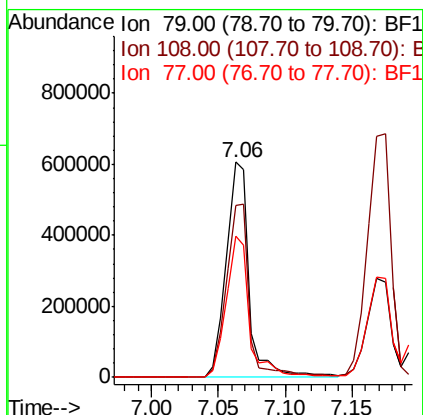
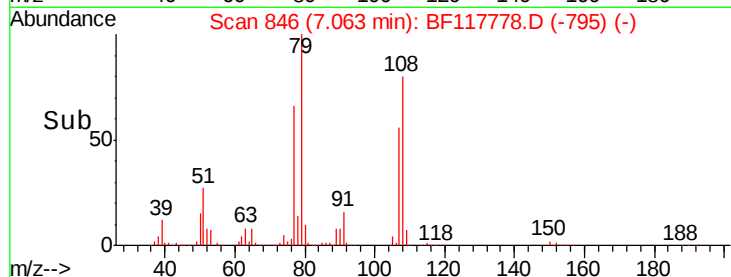
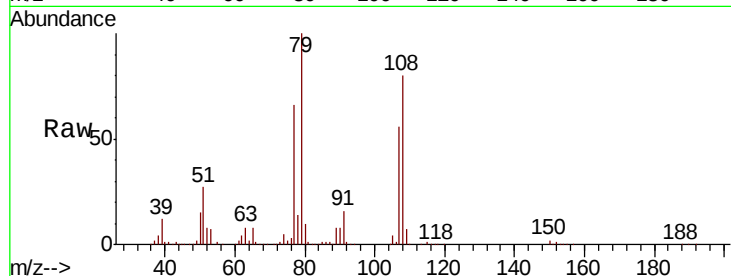
Tot Ion: 79 Resp: 742137

Ion Ratio Lower Upper

79 100

108 79.9 64.1 96.1

77 65.5 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.228 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.01 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

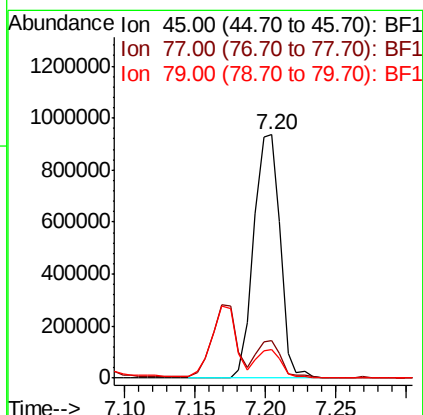
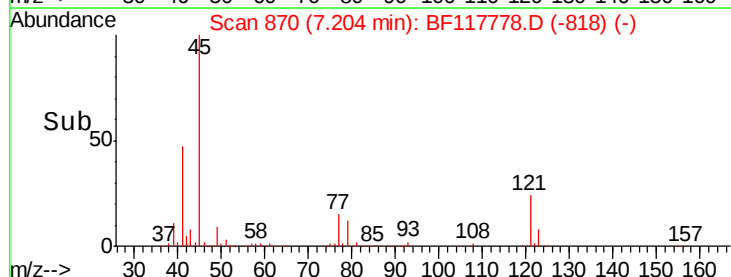
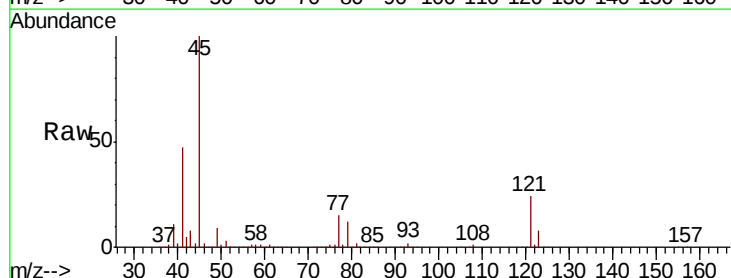
Tgt Ion: 45 Resp: 1232348

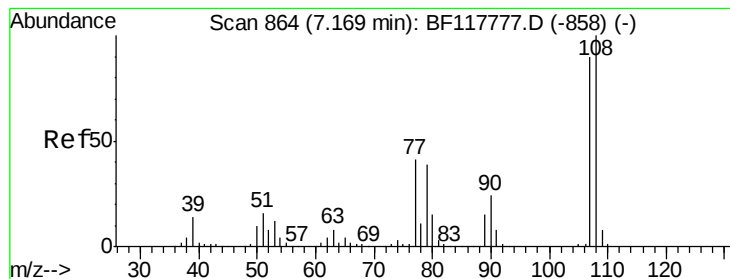
Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.0

79 11.8 0.0 31.1





#17

2-Methylphenol

Concen: 49.449 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.01 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:107 Resp: 726030

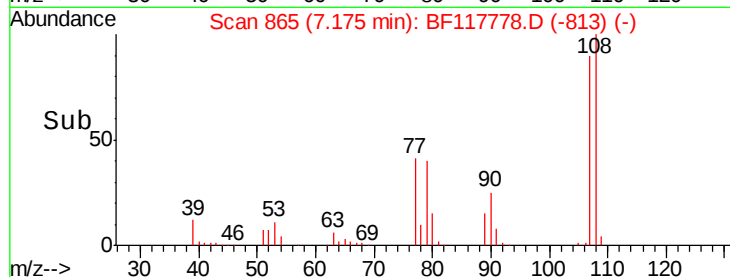
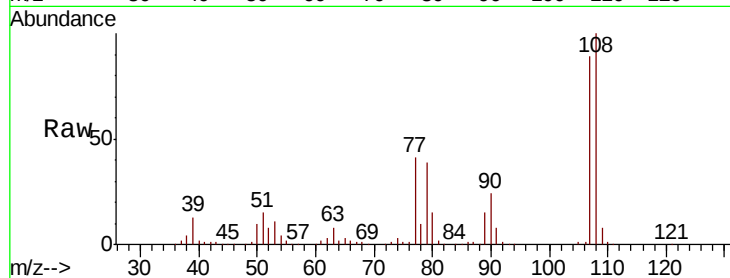
Ion Ratio Lower Upper

107 100

108 112.0 89.1 133.7

77 45.6 36.6 54.8

79 43.9 35.2 52.8

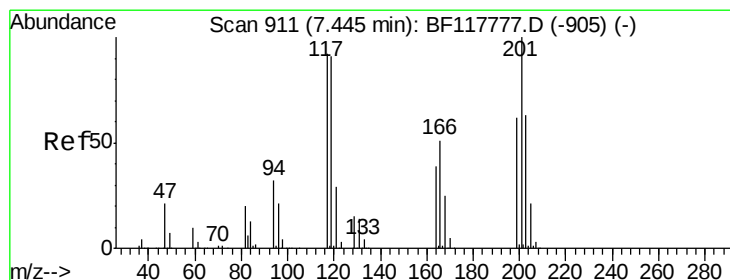
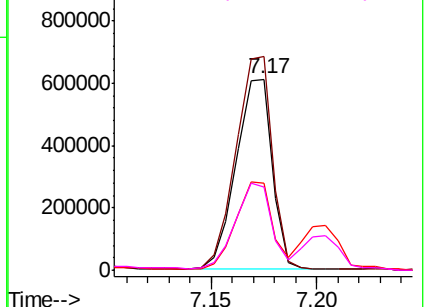


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 51.343 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

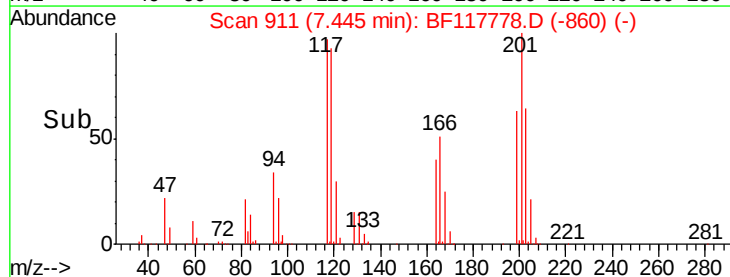
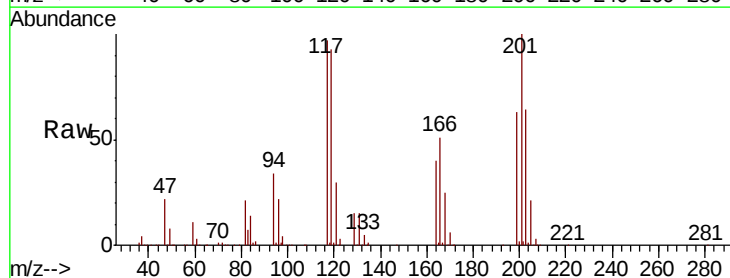
Tgt Ion:117 Resp: 376462

Ion Ratio Lower Upper

117 100

119 95.3 78.7 118.1

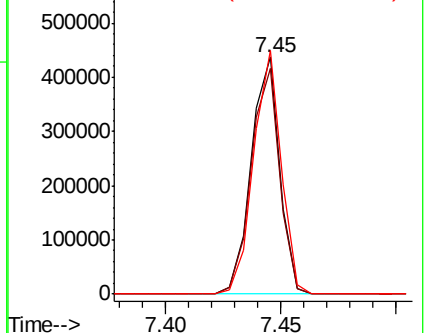
201 102.9 86.5 129.7

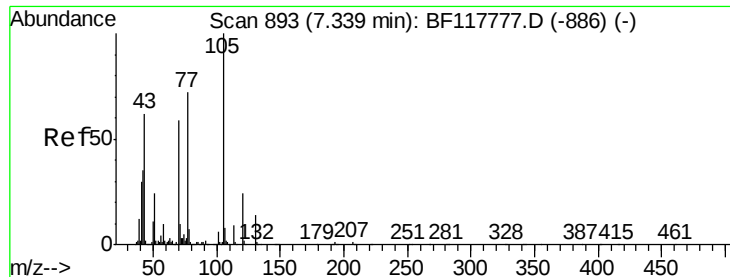


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

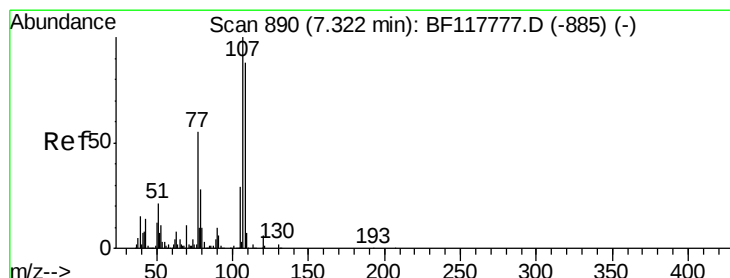
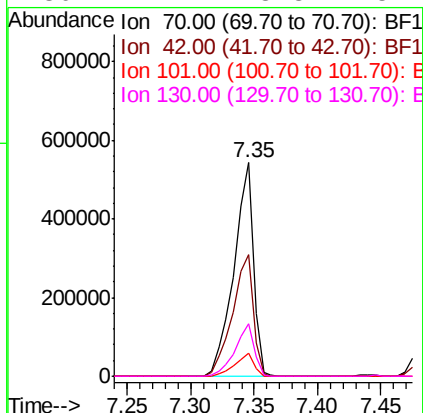
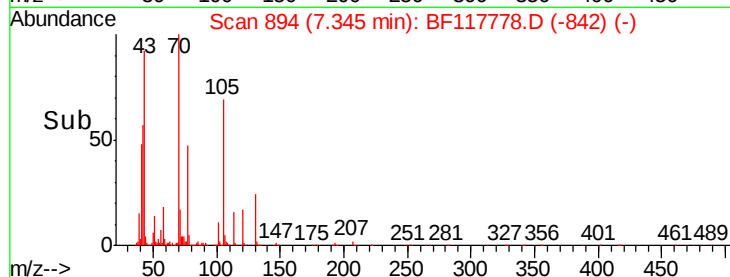
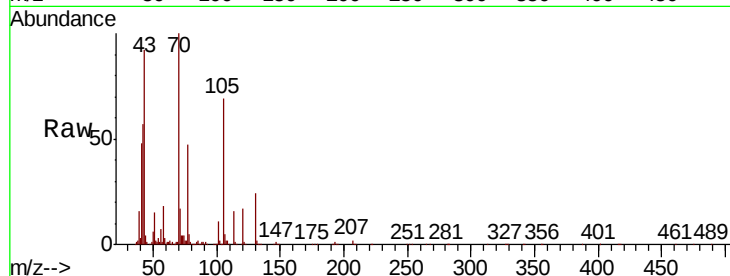




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.421 ng  
RT: 7.35 min Scan# 894  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

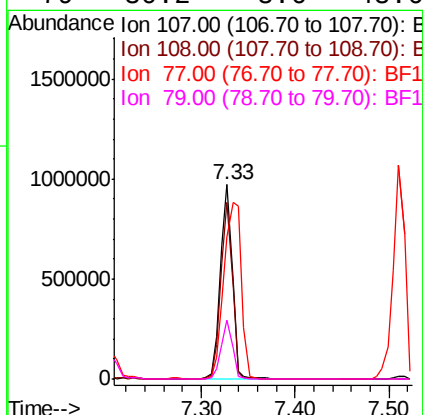
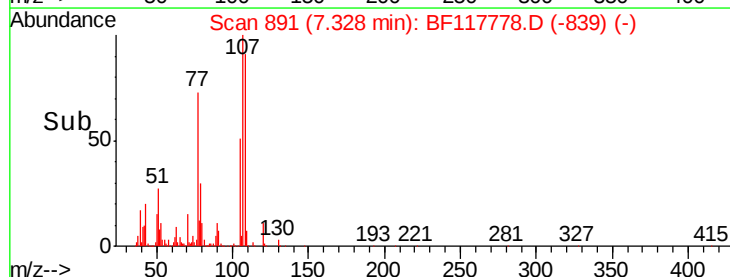
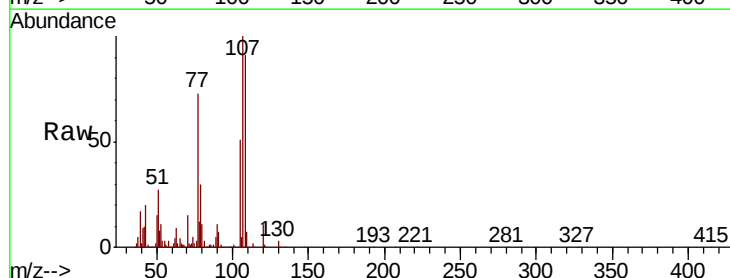
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

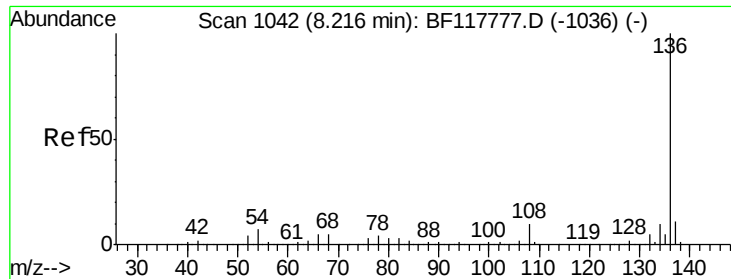
Tot Ion: 70 Resp: 578362  
Ion Ratio Lower Upper  
70 100  
42 57.0 47.4 71.2  
101 10.6 8.4 12.6  
130 24.4 18.8 28.2



#20  
3+4-Methylphenols  
Concen: 49.106 ng  
RT: 7.33 min Scan# 891  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Tgt Ion: 107 Resp: 858528  
Ion Ratio Lower Upper  
107 100  
108 91.1 68.4 108.4  
77 73.2 35.2 75.2  
79 30.2 8.6 48.6

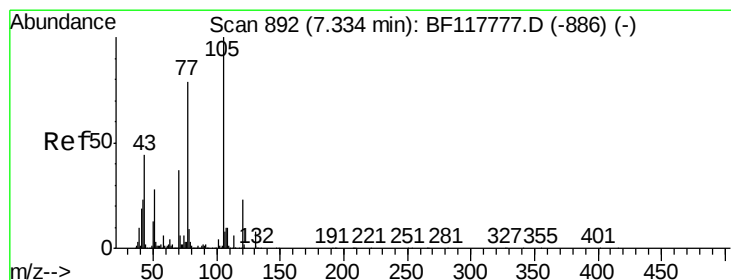
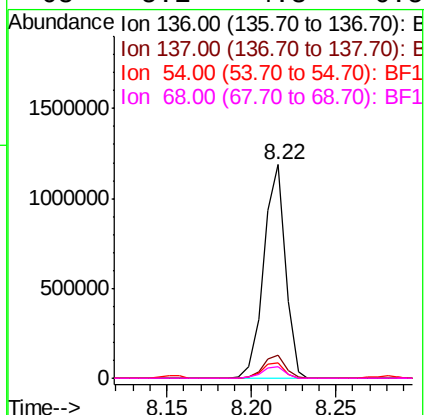
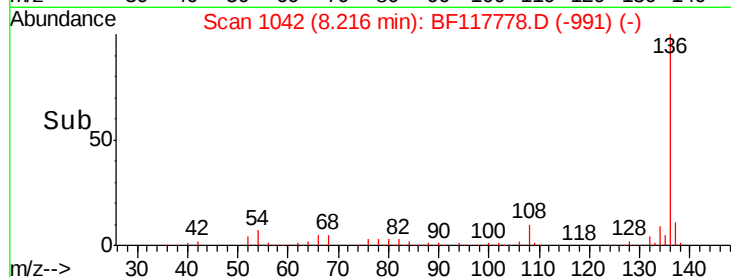
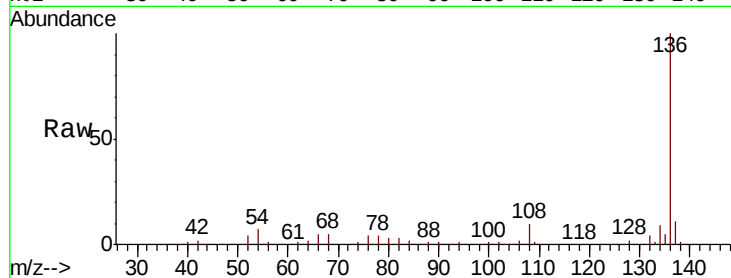




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.22 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

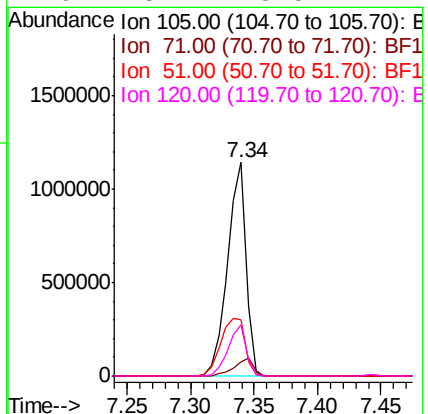
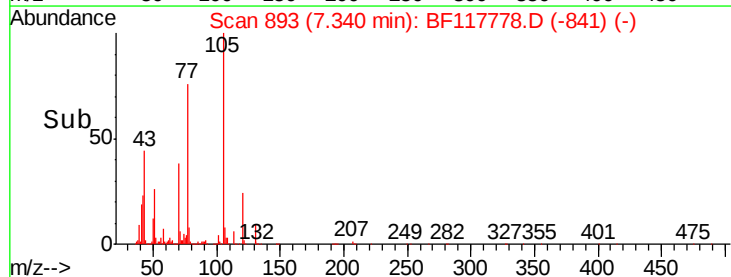
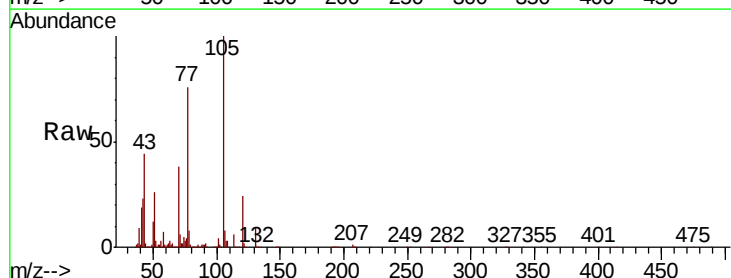
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

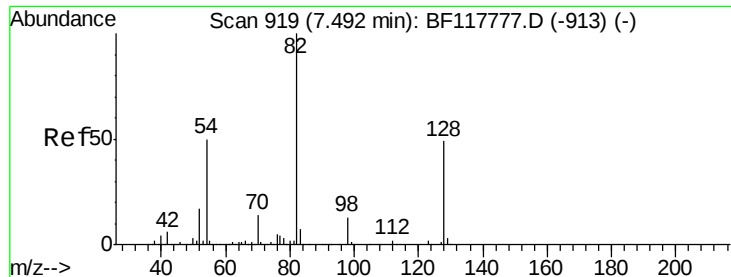
|             |               |
|-------------|---------------|
| Tot Ion:136 | Resp: 1052643 |
| Ion Ratio   | Lower Upper   |
| 136 100     |               |
| 137 11.0    | 9.0 13.4      |
| 54 7.1      | 5.4 8.2       |
| 68 5.1      | 4.3 6.5       |



#22  
Acetophenone  
Concen: 47.751 ng  
RT: 7.34 min Scan# 893  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:105 | Resp: | 1148813 |
| Ion | Ratio   | Lower | Upper   |
| 105 | 100     |       |         |
| 71  | 6.5     | 4.9   | 7.3     |
| 51  | 26.3    | 22.7  | 34.1    |
| 120 | 23.7    | 18.5  | 27.7    |

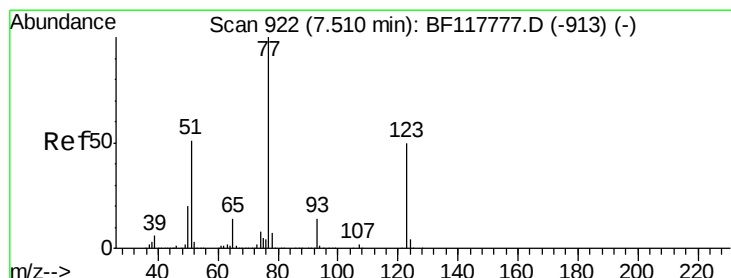
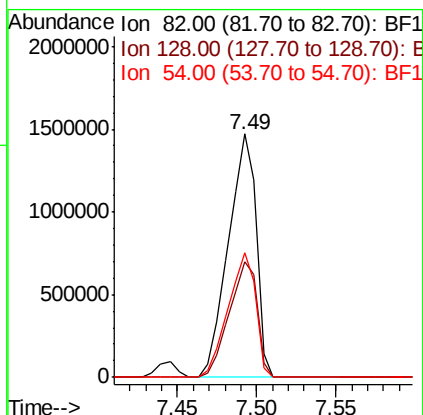
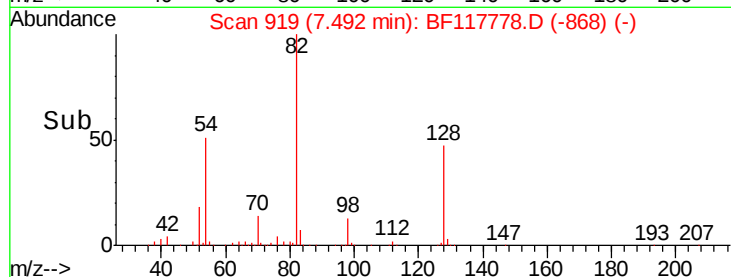
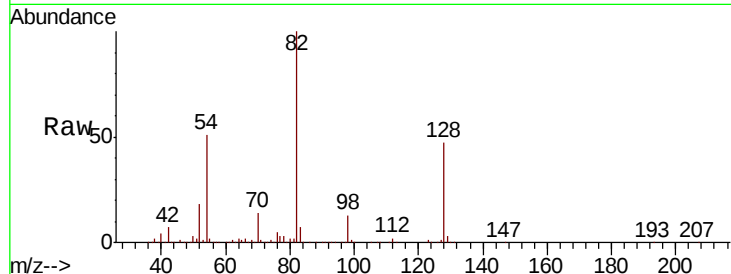




#23  
Nitrobenzene-d5  
Concen: 100.188 ng  
RT: 7.49 min Scan# 919  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

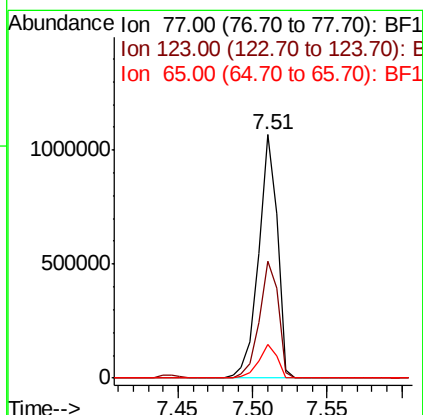
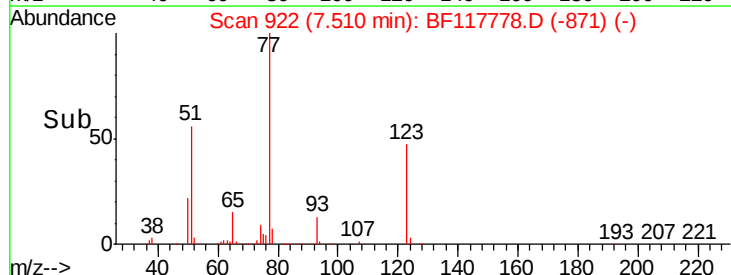
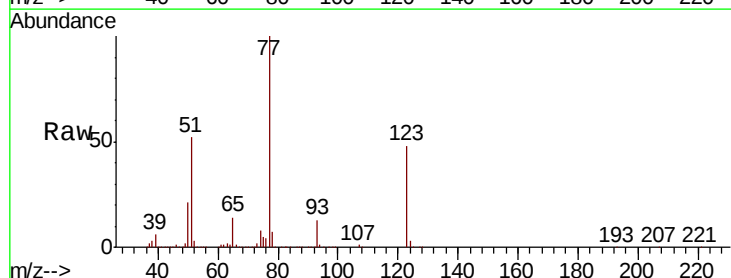
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

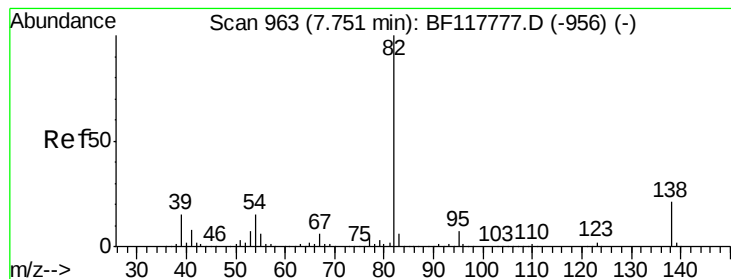
Tot Ion: 82 Resp: 1786313  
Ion Ratio Lower Upper  
82 100  
128 47.3 38.9 58.3  
54 51.3 39.8 59.6



#24  
Nitrobenzene  
Concen: 49.214 ng  
RT: 7.51 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Tgt Ion: 77 Resp: 916272  
Ion Ratio Lower Upper  
77 100  
123 47.9 40.3 60.5  
65 13.7 10.9 16.3





#25

Isophorone

Concen: 46.704 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

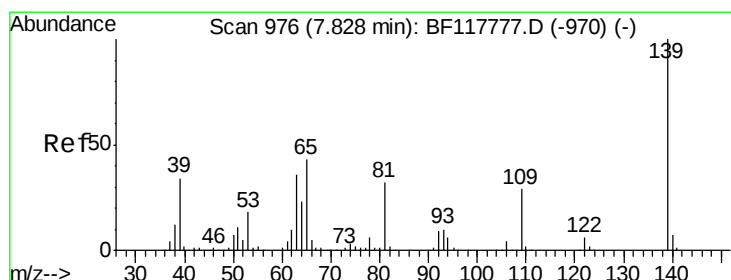
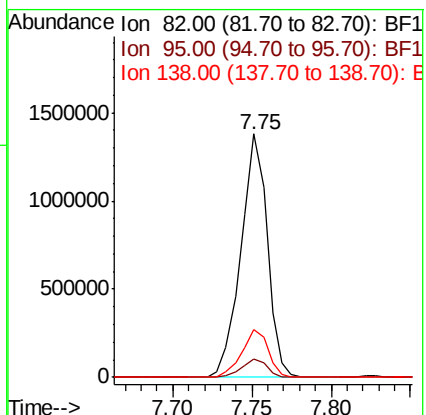
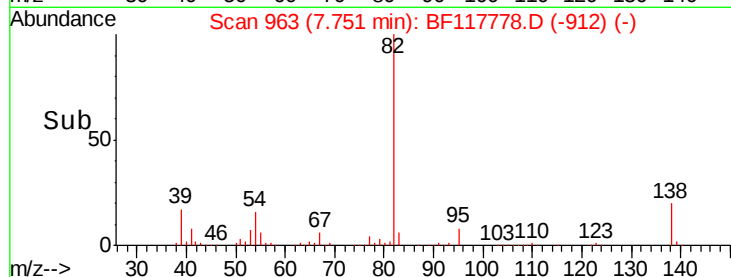
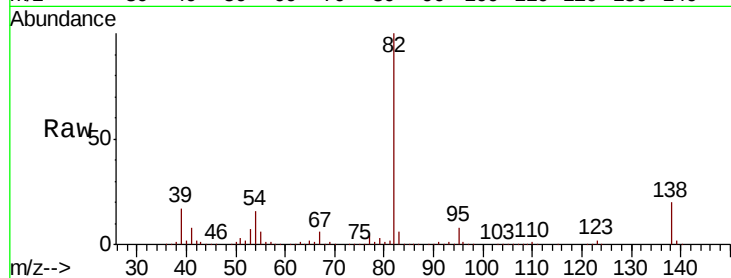
Tot Ion: 82 Resp: 1592687

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

138 19.6 16.5 24.7



#26

2-Nitrophenol

Concen: 53.182 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

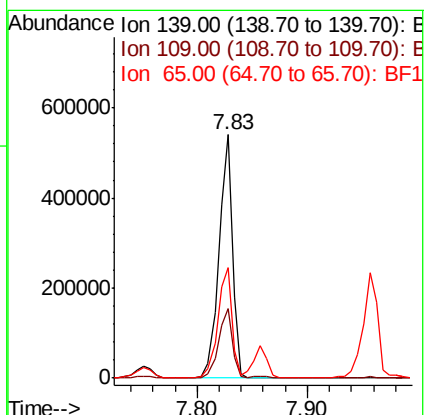
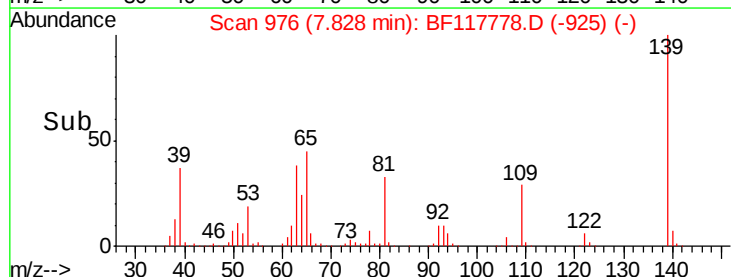
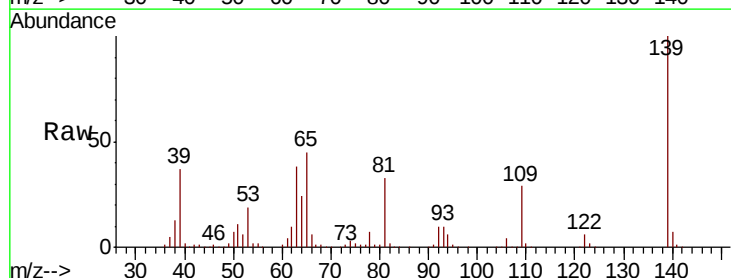
Tgt Ion: 139 Resp: 459673

Ion Ratio Lower Upper

139 100

109 28.6 23.0 34.4

65 45.5 34.7 52.1

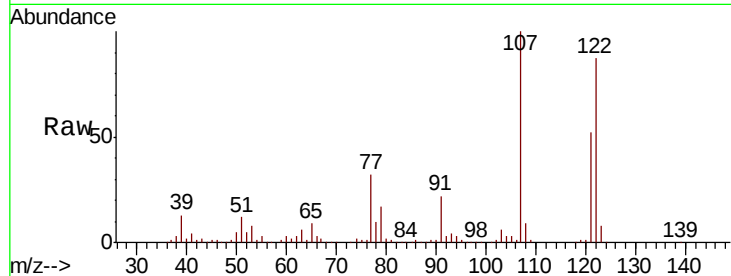




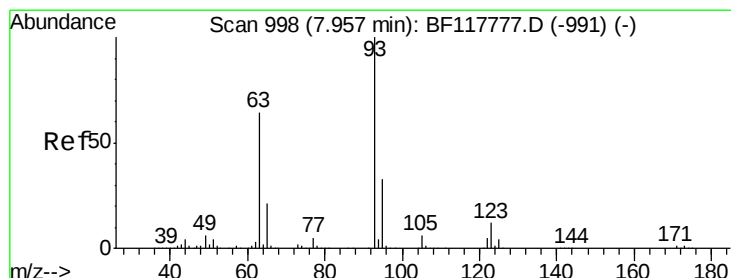
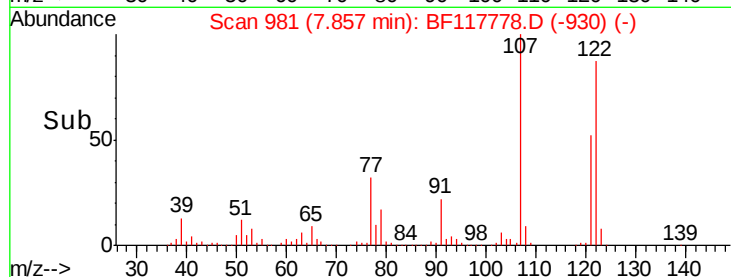
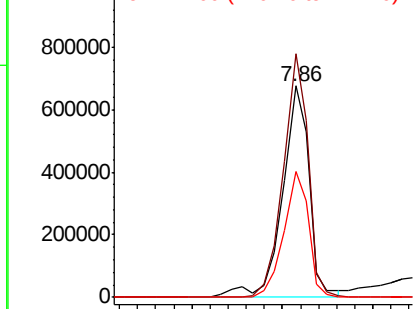
#27  
 2,4-Dimethylphenol  
 Concen: 47.569 ng  
 RT: 7.86 min Scan# 981  
 Delta R.T. 0.00 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion:122 Resp: 693281  
 Ion Ratio Lower Upper  
 122 100  
 107 115.2 90.0 135.0  
 121 59.8 46.7 70.1

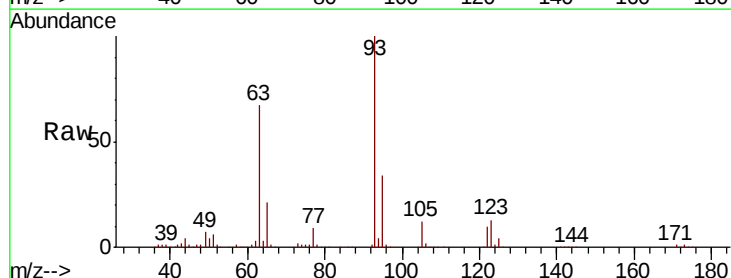


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

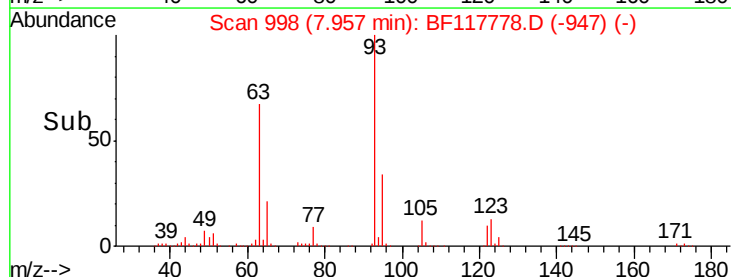
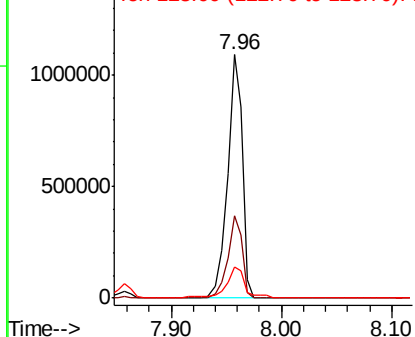


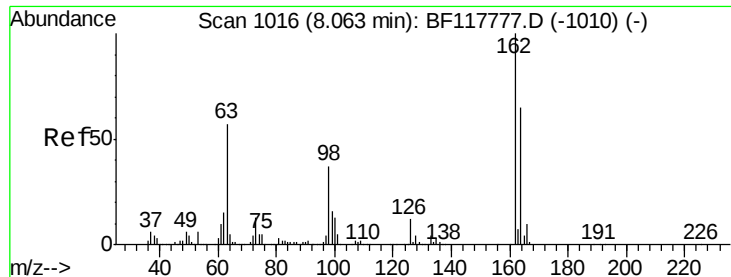
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 46.311 ng  
 RT: 7.96 min Scan# 998  
 Delta R.T. 0.00 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

Tgt Ion: 93 Resp: 1013758  
 Ion Ratio Lower Upper  
 93 100  
 95 33.8 26.6 40.0  
 123 12.6 10.3 15.5



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

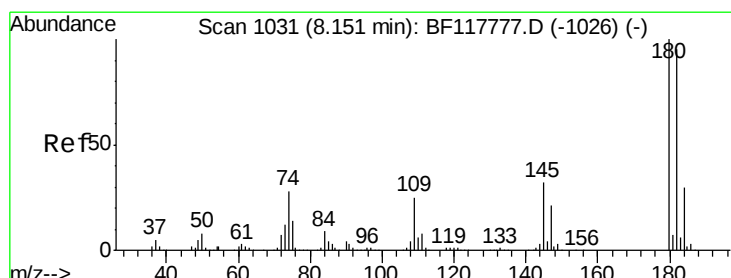
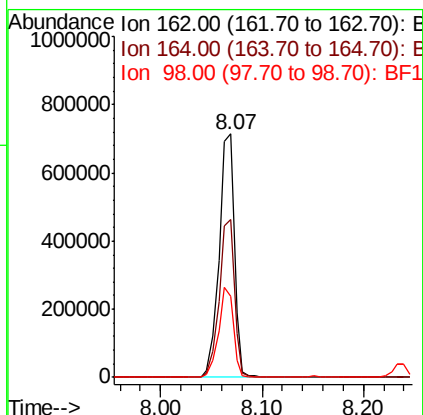
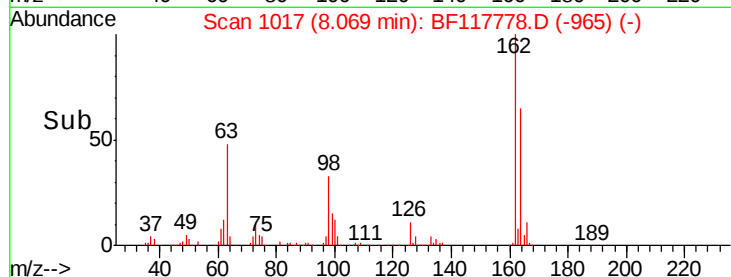
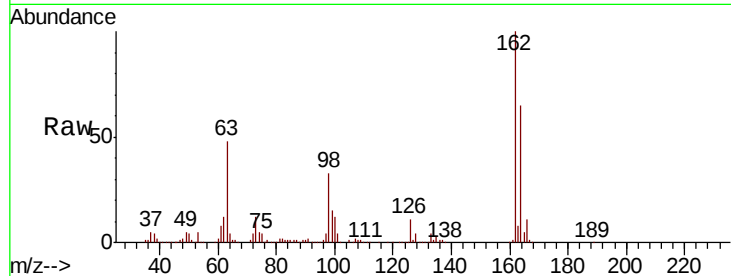




#29  
 2,4-Dichlorophenol  
 Concen: 49.864 ng  
 RT: 8.07 min Scan# 1017  
 Delta R.T. 0.01 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

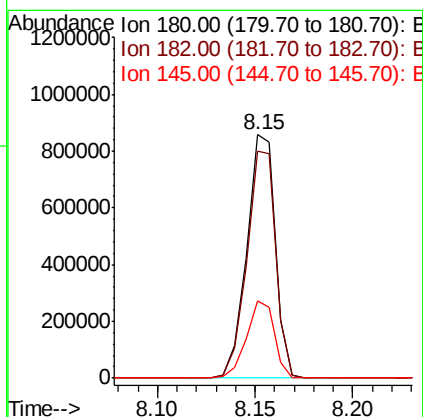
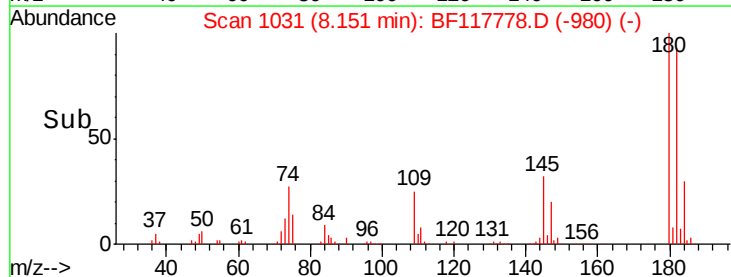
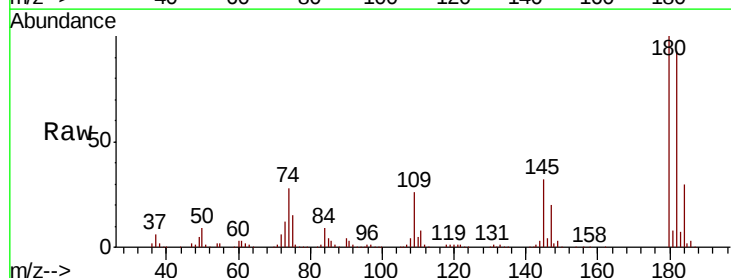
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

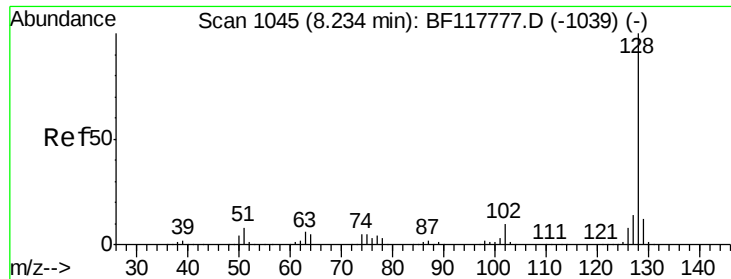
Tot Ion:162 Resp: 748716  
 Ion Ratio Lower Upper  
 162 100  
 164 64.7 45.1 85.1  
 98 33.4 17.2 57.2



#30  
 1,2,4-Trichlorobenzene  
 Concen: 50.289 ng  
 RT: 8.15 min Scan# 1031  
 Delta R.T. 0.00 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

Tgt Ion:180 Resp: 864413  
 Ion Ratio Lower Upper  
 180 100  
 182 93.2 75.8 113.6  
 145 31.6 25.5 38.3

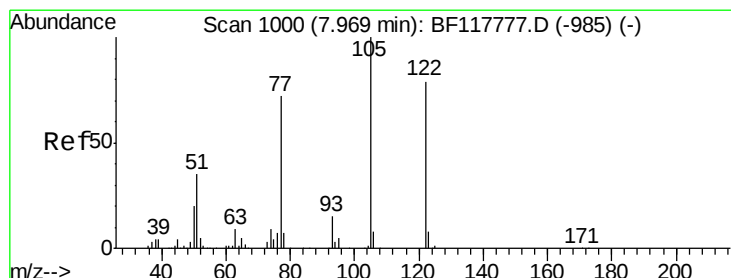
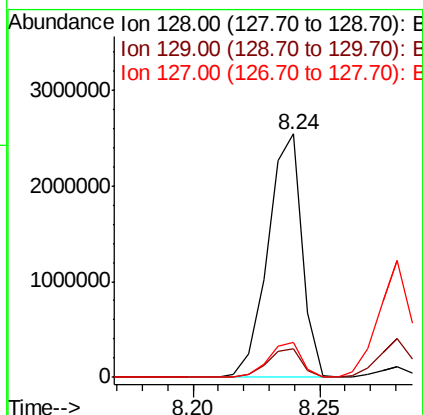
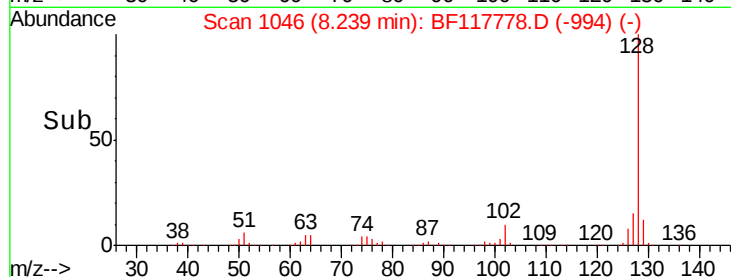
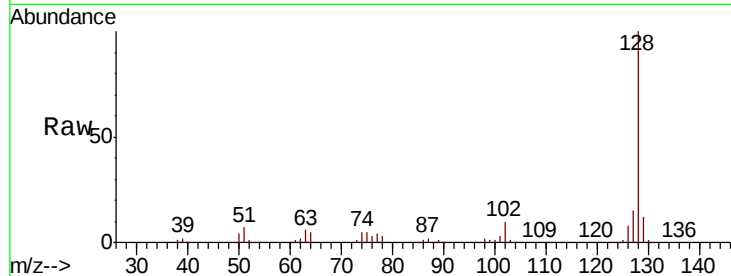




#31  
Naphthalene  
Concen: 49.902 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

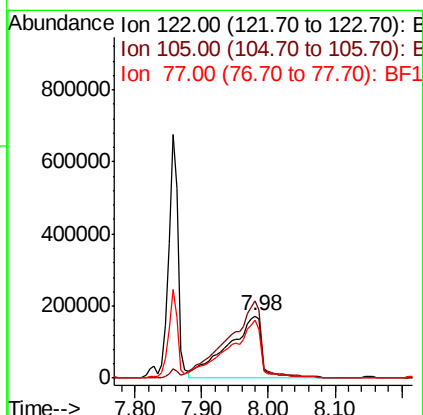
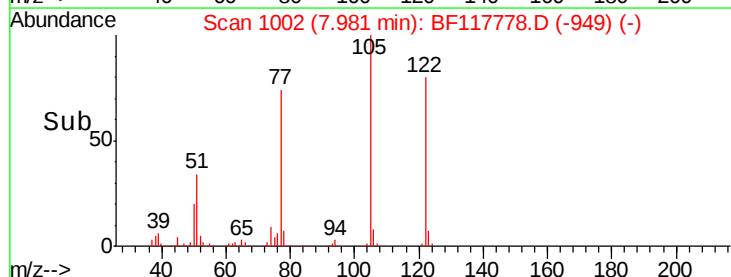
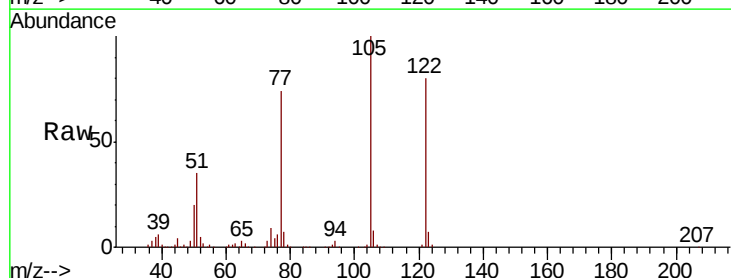
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

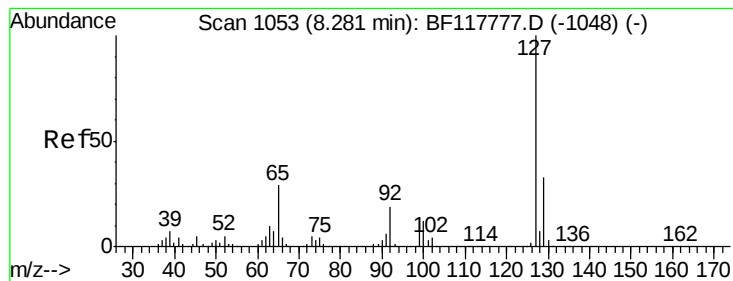
Tot Ion:128 Resp: 2401018  
Ion Ratio Lower Upper  
128 100  
129 12.0 9.5 14.3  
127 14.5 11.3 16.9



#32  
Benzoic acid  
Concen: 53.266 ng  
RT: 7.98 min Scan# 1002  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Tgt Ion:122 Resp: 614513  
Ion Ratio Lower Upper  
122 100  
105 124.3 102.7 142.7  
77 92.1 70.5 110.5





#33

4-Chloroaniline

Concen: 48.323 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tot Ion:127 Resp: 1080342

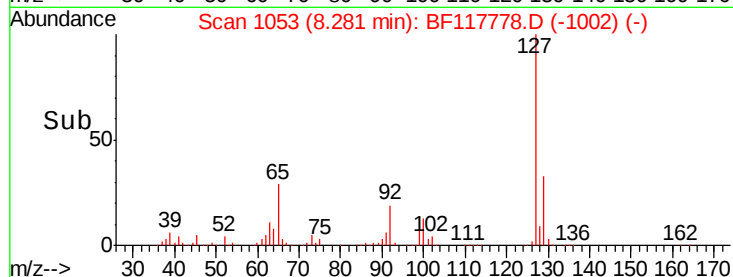
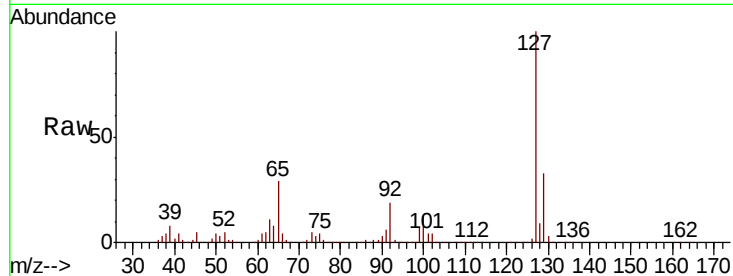
Ion Ratio Lower Upper

127 100

129 33.3 26.5 39.7

65 29.1 22.9 34.3

92 18.7 15.0 22.6

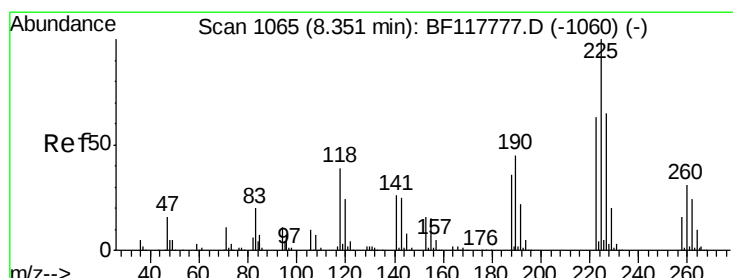
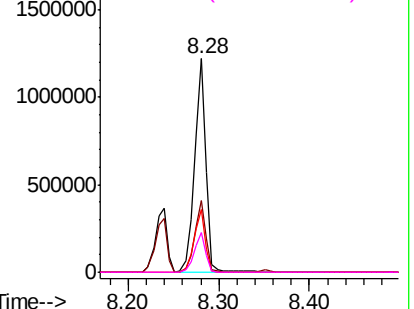


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 51.400 ng

RT: 8.35 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

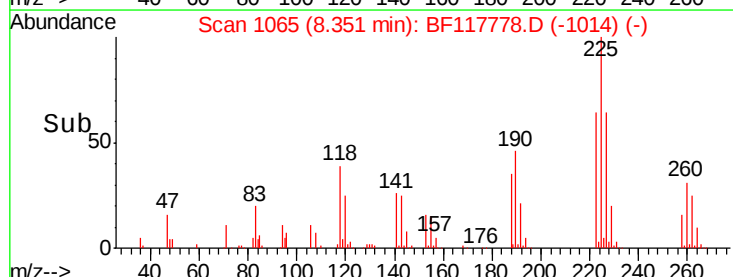
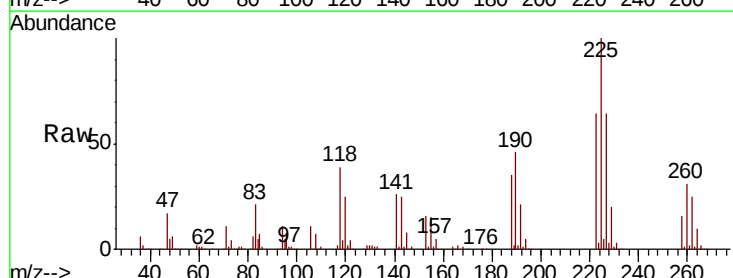
Tgt Ion:225 Resp: 505950

Ion Ratio Lower Upper

225 100

223 64.3 50.0 75.0

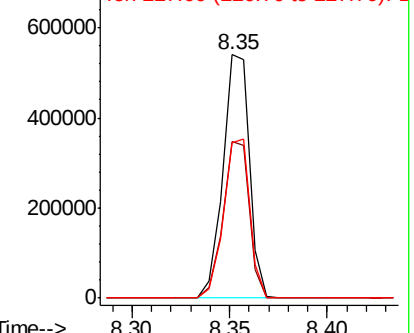
227 63.7 51.8 77.6

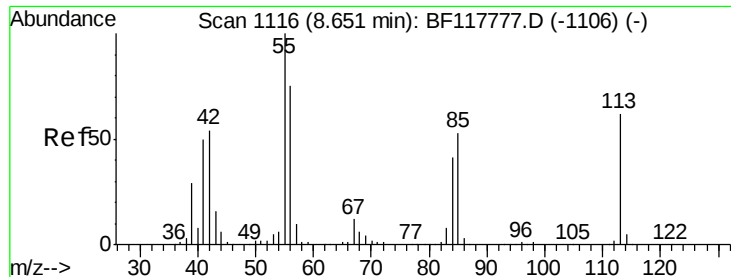


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

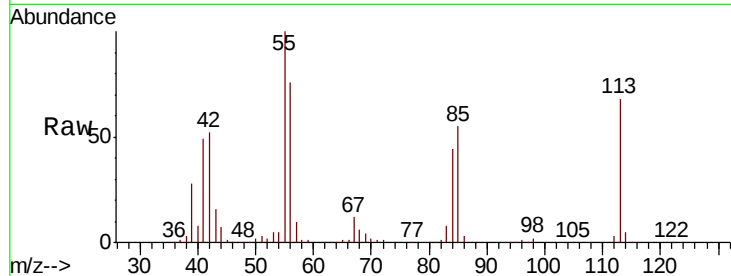




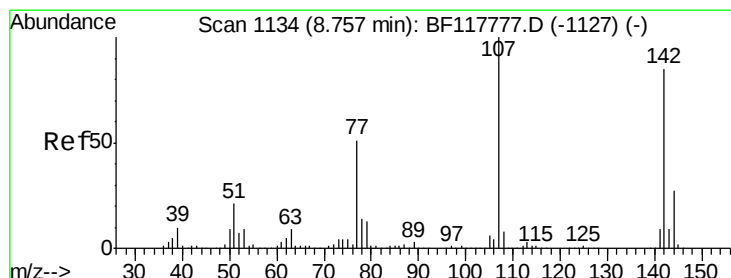
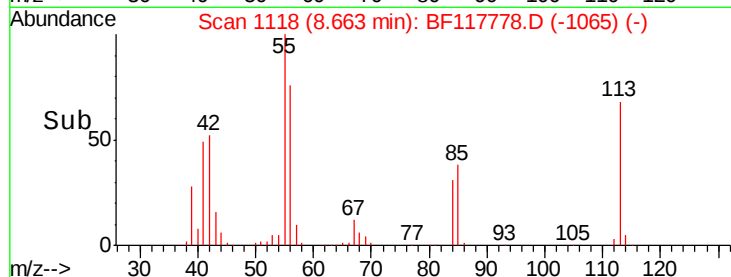
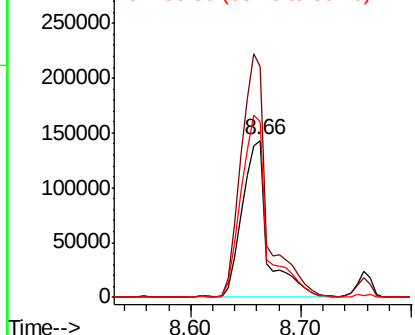
#35  
 Caprolactam  
 Concen: 47.281 ng  
 RT: 8.66 min Scan# 1118  
 Delta R.T. 0.01 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion:113 Resp: 235304  
 Ion Ratio Lower Upper  
 113 100  
 55 147.6 141.1 181.1  
 56 112.1 100.5 140.5

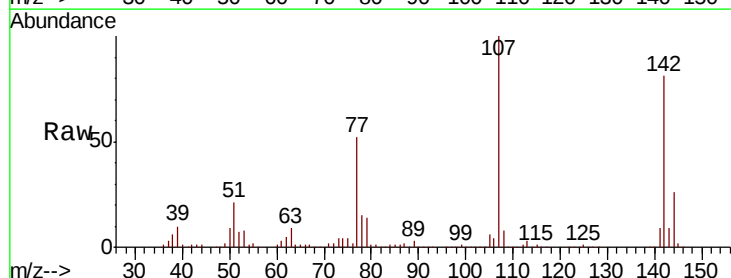


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

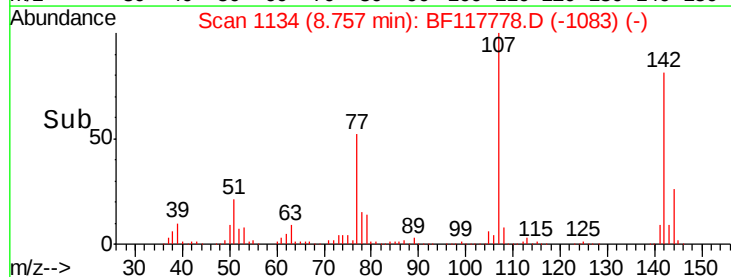
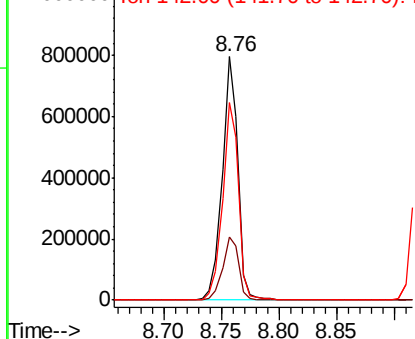


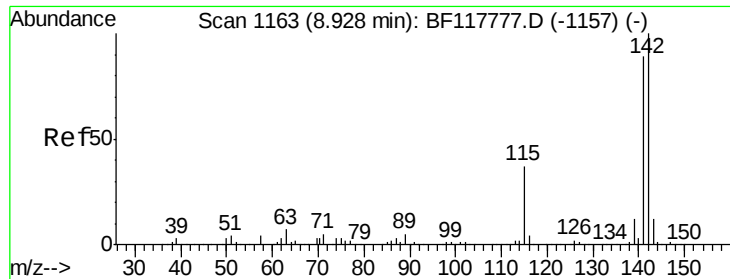
#36  
 4-Chloro-3-methylphenol  
 Concen: 49.495 ng  
 RT: 8.76 min Scan# 1134  
 Delta R.T. 0.00 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

Tgt Ion:107 Resp: 749933  
 Ion Ratio Lower Upper  
 107 100  
 144 25.9 21.9 32.9  
 142 81.2 67.7 101.5



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

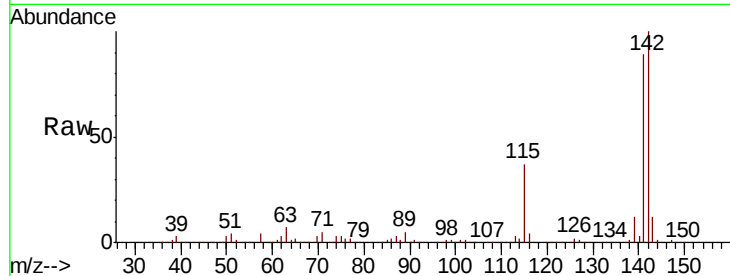




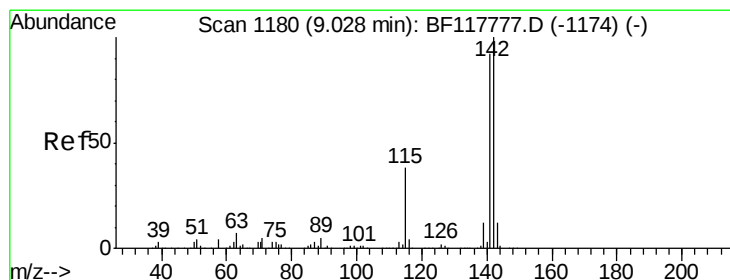
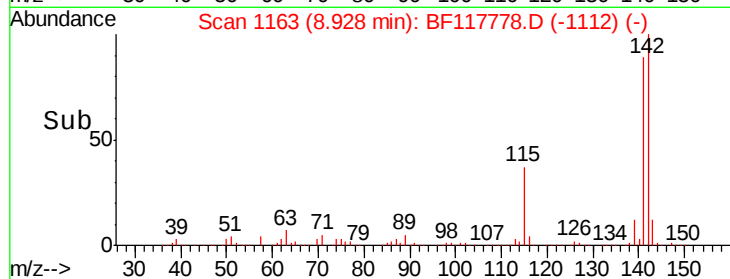
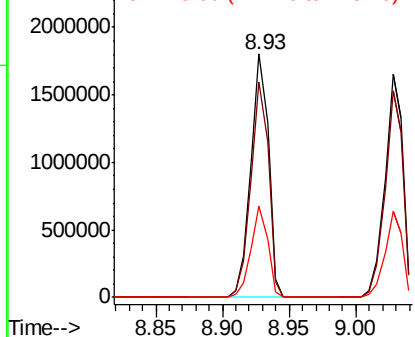
#37  
2-Methylnaphthalene  
Concen: 49.595 ng  
RT: 8.93 min Scan# 1163  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:142 Resp: 1624507  
Ion Ratio Lower Upper  
142 100  
141 88.5 71.1 106.7  
115 37.4 29.2 43.8

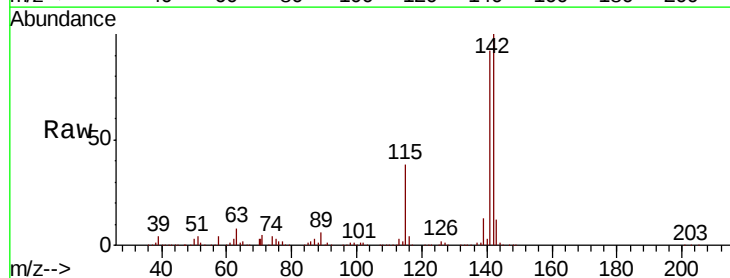


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

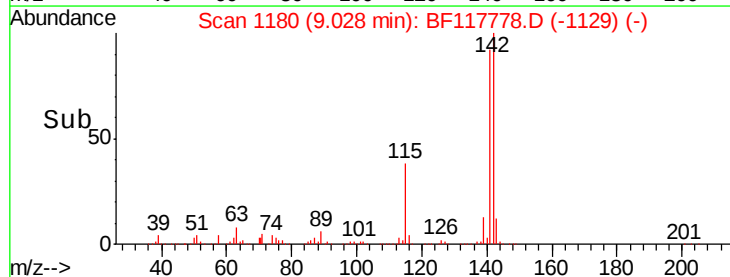
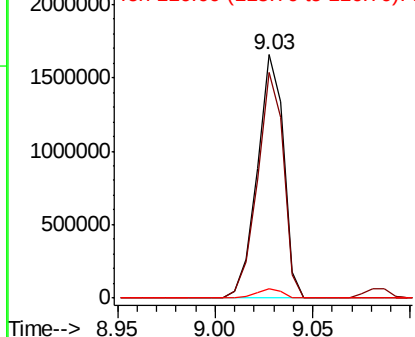


#38  
1-Methylnaphthalene  
Concen: 49.561 ng  
RT: 9.03 min Scan# 1180  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Tgt Ion:142 Resp: 1541625  
Ion Ratio Lower Upper  
142 100  
141 92.5 73.5 110.3  
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

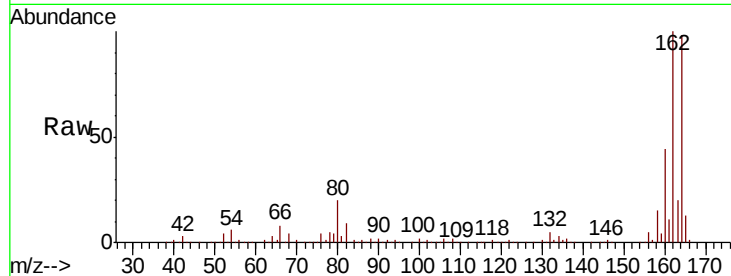




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.2 | 81.3  | 121.9 |
| 160     | 44.7  | 36.6  | 55.0  |

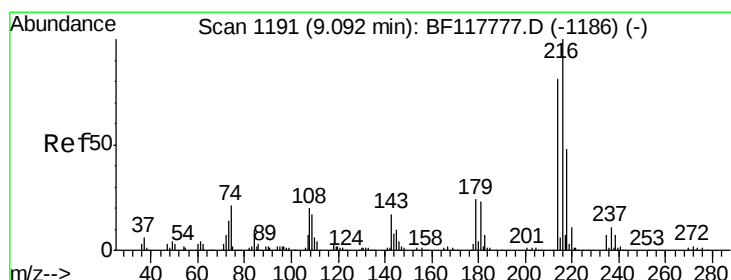
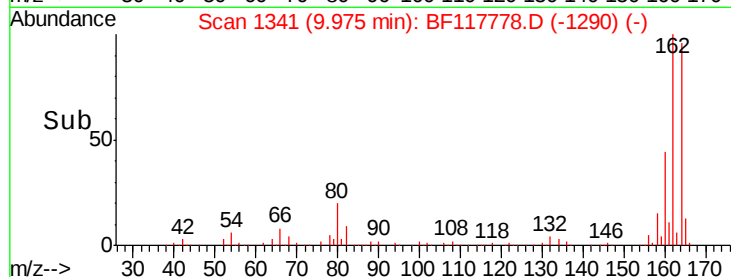
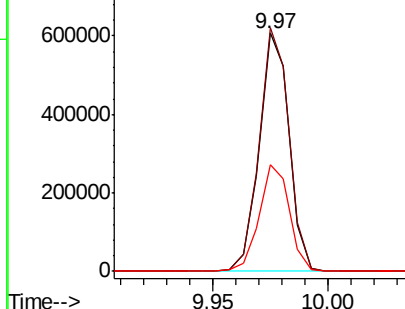


Abundance

Ion 164.00 (163.70 to 164.70): E

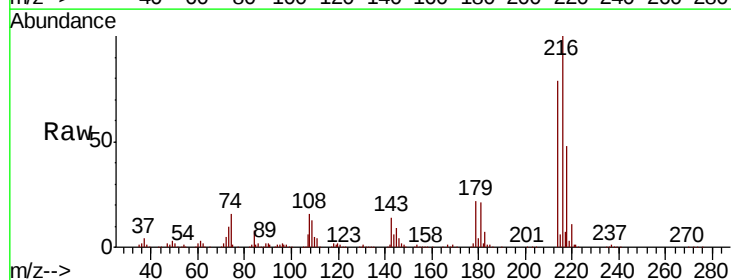
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 53.033 ng  
RT: 9.10 min Scan# 1192  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.0  | 63.4  | 95.0  |
| 179     | 22.5  | 18.2  | 27.4  |
| 108     | 19.7  | 16.0  | 24.0  |



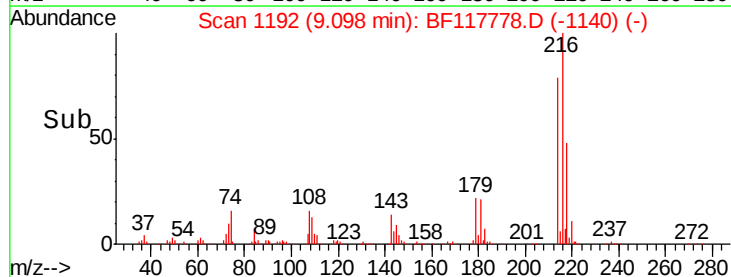
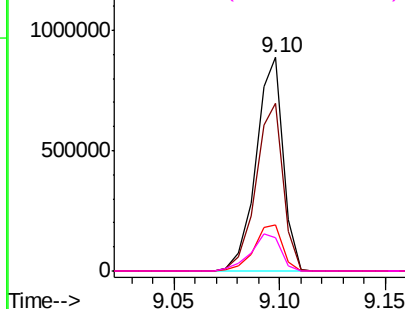
Abundance

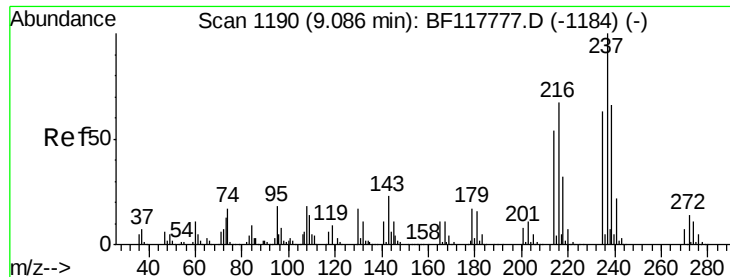
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 56.429 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

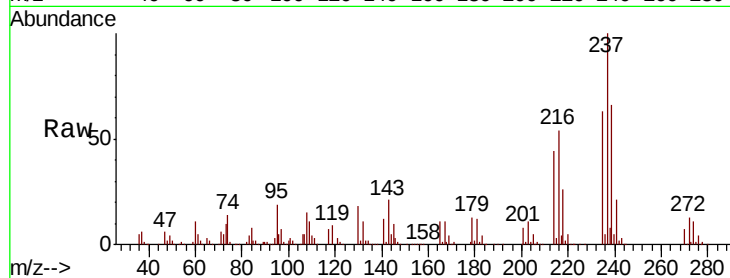
Tot Ion:237 Resp: 454075

Ion Ratio Lower Upper

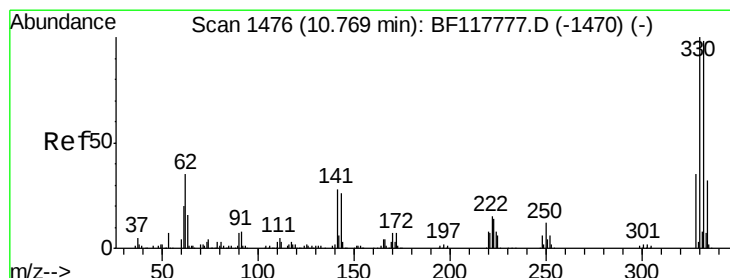
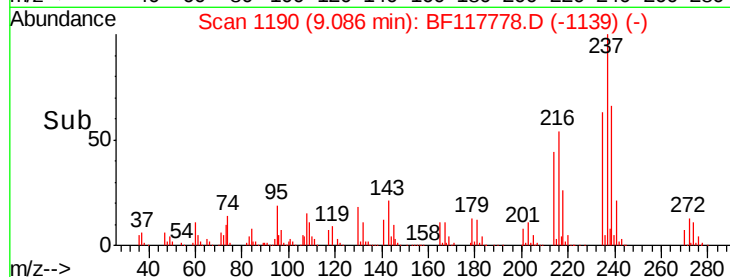
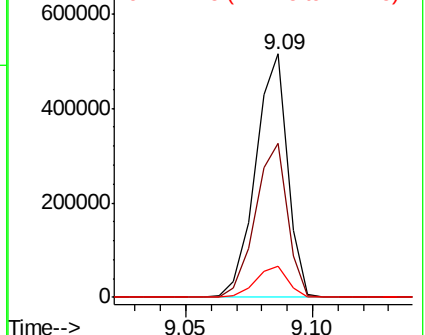
237 100

235 63.1 42.6 82.6

272 13.0 0.0 34.3



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: 105.273 ng

RT: 10.77 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

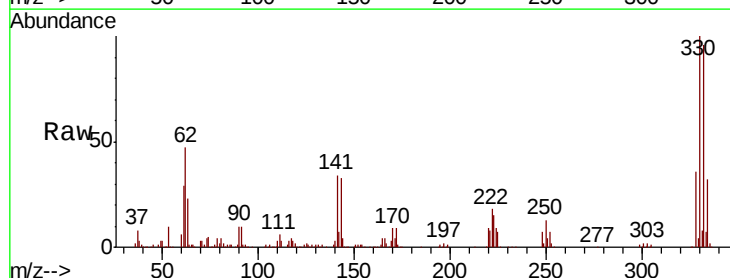
Tgt Ion:330 Resp: 561471

Ion Ratio Lower Upper

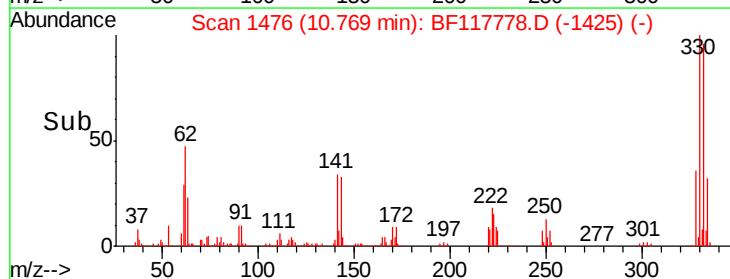
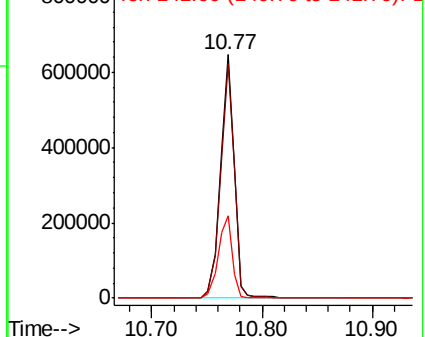
330 100

332 96.8 76.7 115.1

141 34.4 27.7 41.5



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

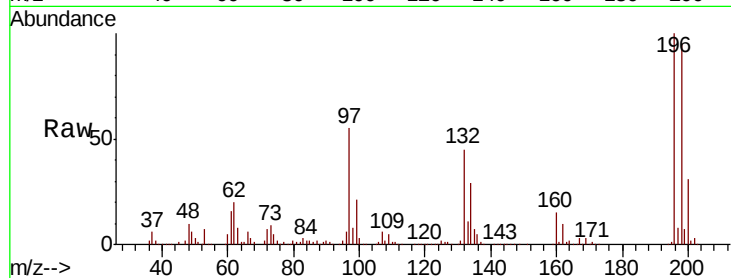




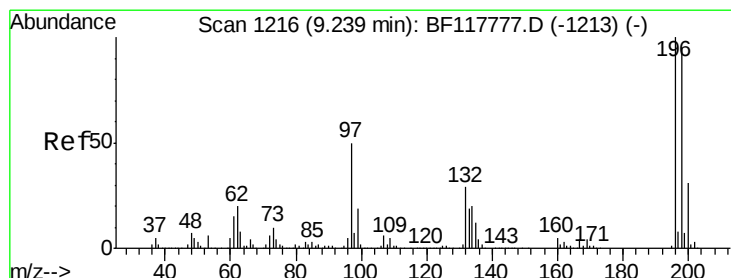
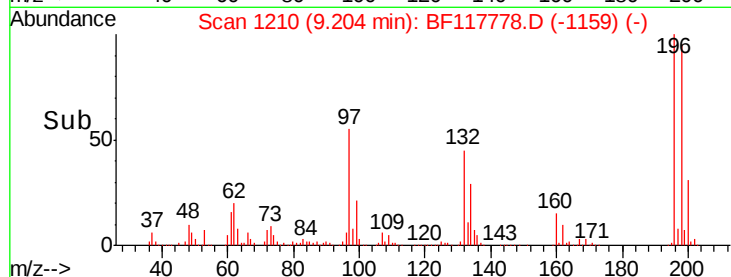
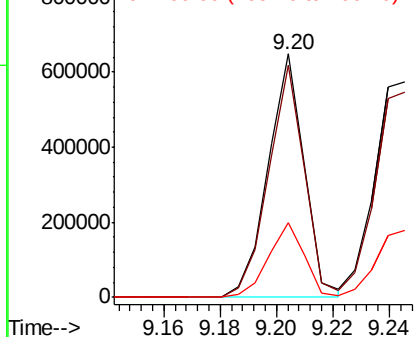
#43  
 2,4,6-Trichlorophenol  
 Concen: 52.743 ng  
 RT: 9.20 min Scan# 1210  
 Delta R.T. 0.00 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion:196 Resp: 572968  
 Ion Ratio Lower Upper  
 196 100  
 198 95.2 77.8 116.6  
 200 30.7 25.4 38.0

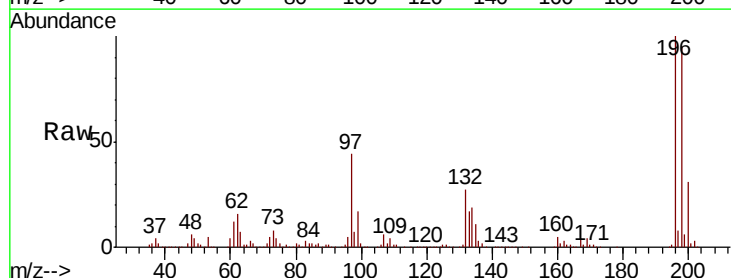


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

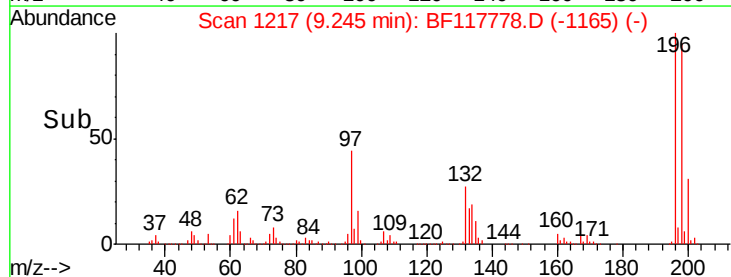
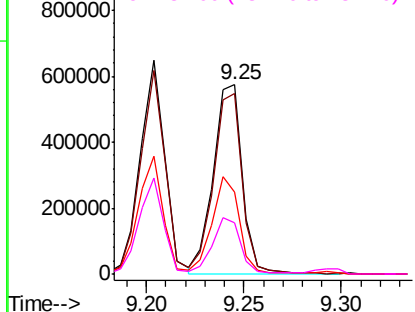


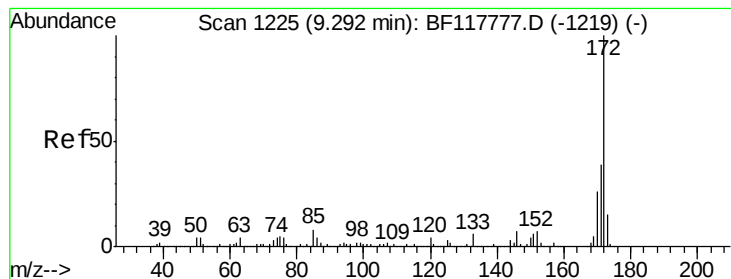
#44  
 2,4,5-Trichlorophenol  
 Concen: 53.620 ng  
 RT: 9.25 min Scan# 1217  
 Delta R.T. 0.01 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

Tgt Ion:196 Resp: 590430  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 76.3 114.5  
 97 43.7 40.0 60.0  
 132 27.1 23.6 35.4



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: 111.925 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

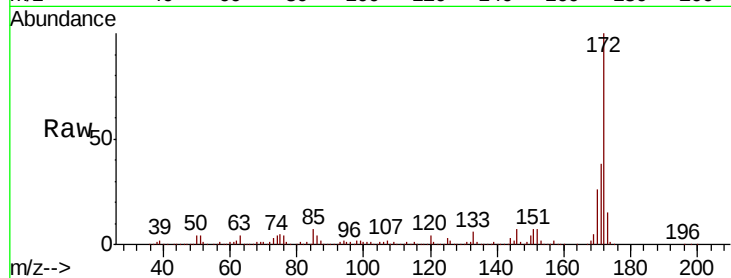
BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:172 Resp: 3092907

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 38.0  | 30.9  | 46.3  |
| 170 | 26.2  | 21.0  | 31.4  |

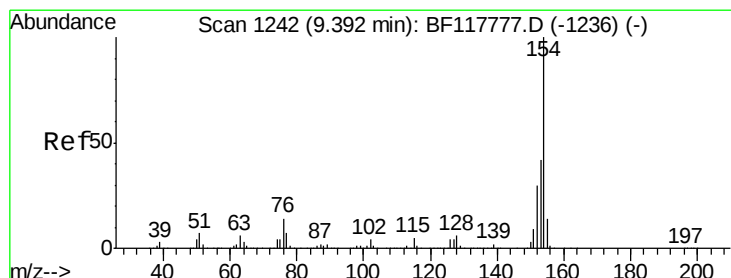
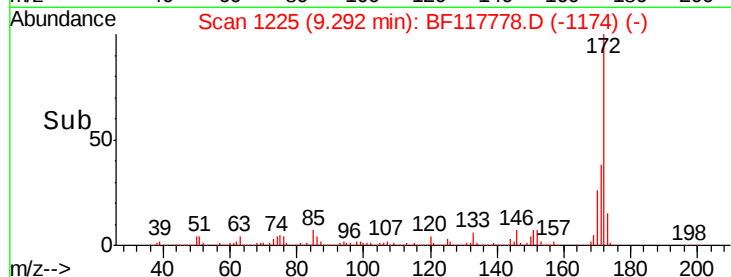
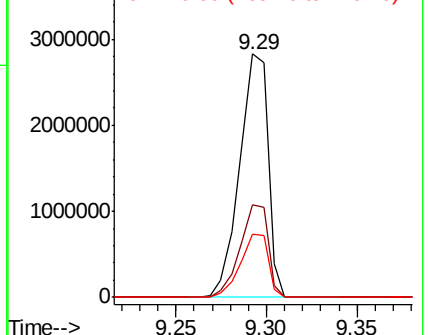


Abundance

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: 51.901 ng

RT: 9.40 min Scan# 1243

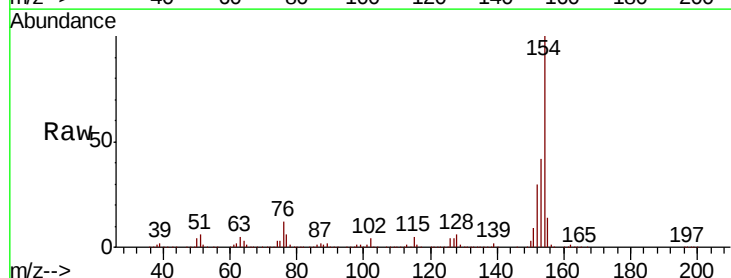
Delta R.T. 0.01 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Tgt Ion:154 Resp: 1981823

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 42.0  | 21.9  | 61.9  |
| 76  | 12.3  | 0.0   | 33.6  |

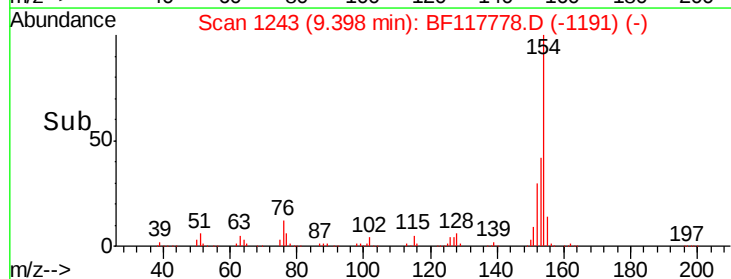
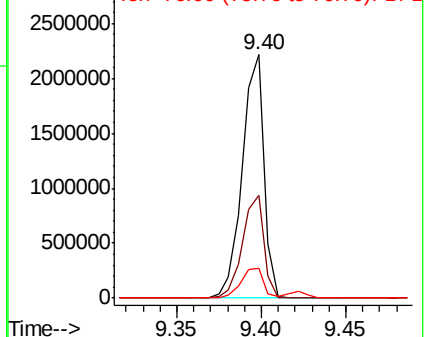


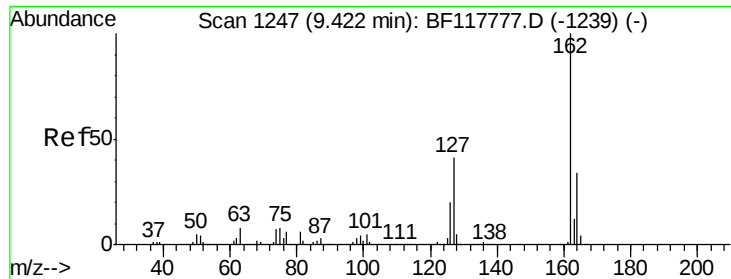
Abundance

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

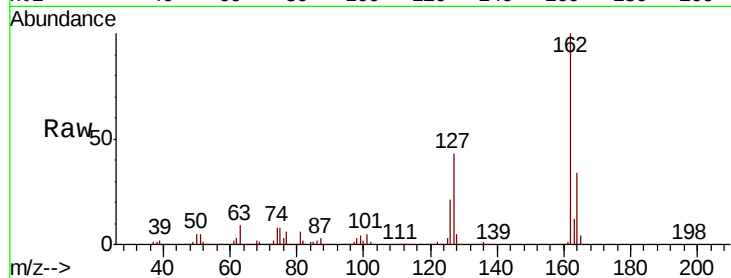




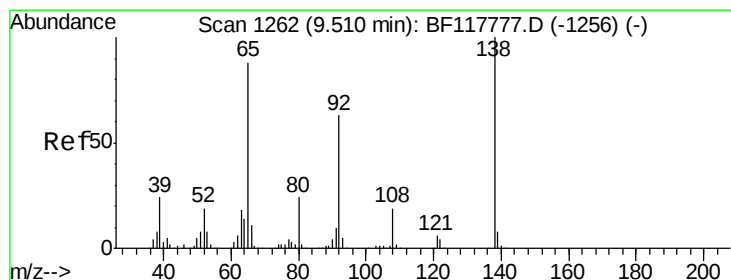
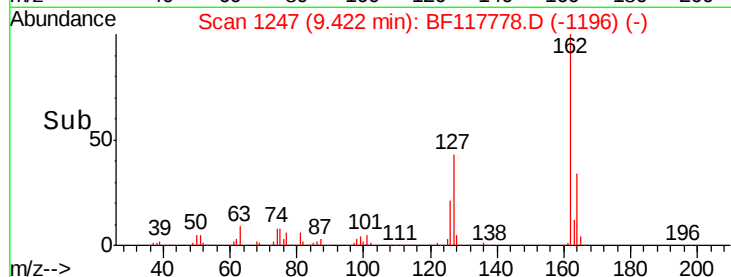
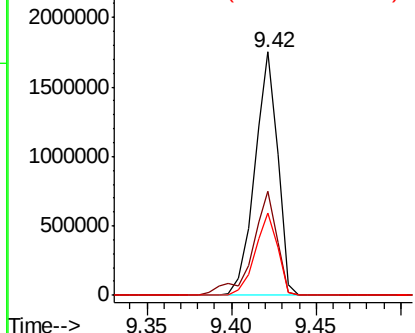
#47  
 2-Chloronaphthalene  
 Concen: 52.291 ng  
 RT: 9.42 min Scan# 1247  
 Delta R.T. 0.00 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion:162 Resp: 1657023  
 Ion Ratio Lower Upper  
 162 100  
 127 43.0 33.2 49.8  
 164 33.7 27.3 40.9

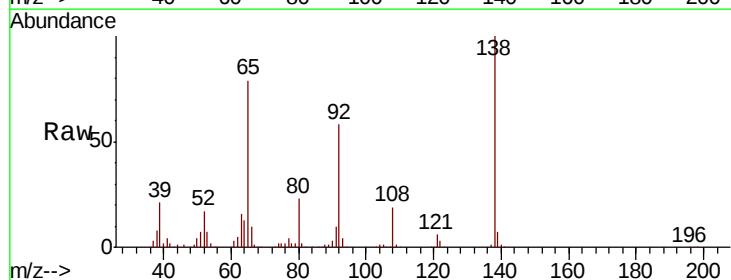


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

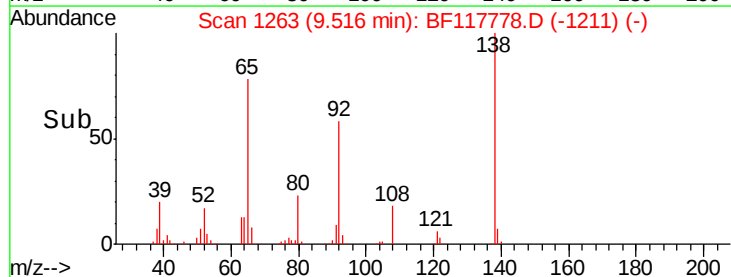
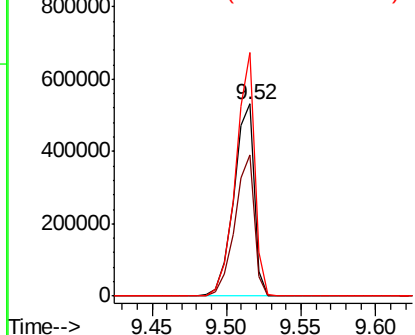


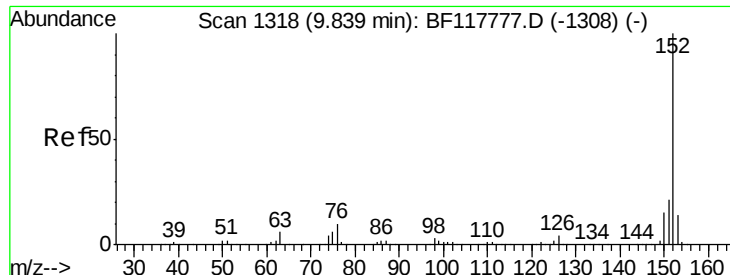
#48  
 2-Nitroaniline  
 Concen: 51.544 ng  
 RT: 9.52 min Scan# 1263  
 Delta R.T. 0.01 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

Tgt Ion: 65 Resp: 511847  
 Ion Ratio Lower Upper  
 65 100  
 92 73.6 56.6 84.8  
 138 126.9 90.5 135.7



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: 52.037 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

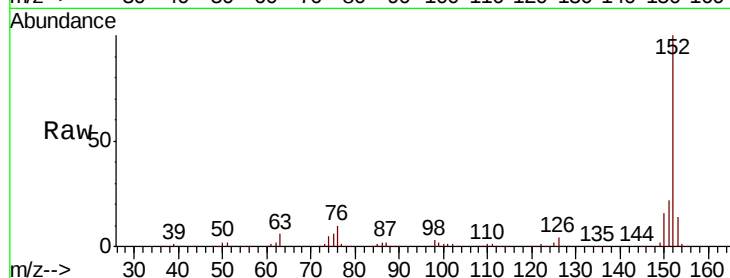
Tot Ion:152 Resp: 2401428

Ion Ratio Lower Upper

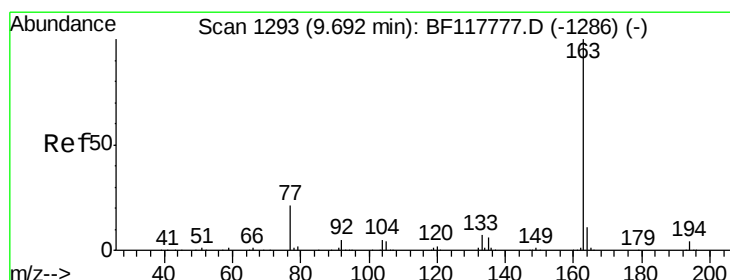
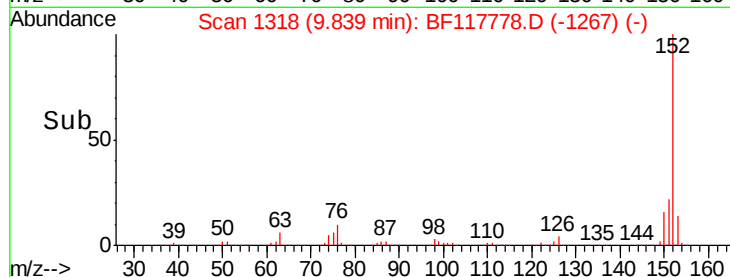
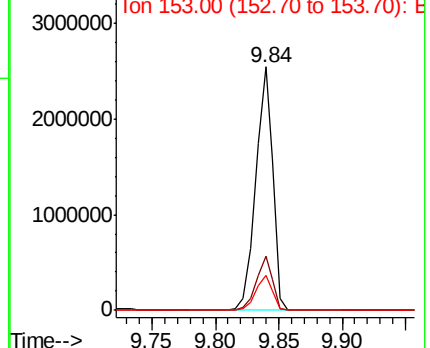
152 100

151 22.3 17.0 25.6

153 14.1 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.868 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

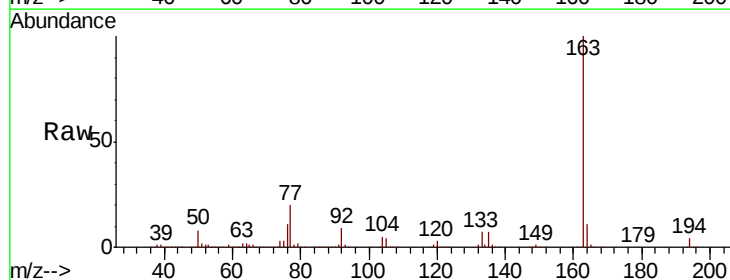
Tgt Ion:163 Resp: 1874937

Ion Ratio Lower Upper

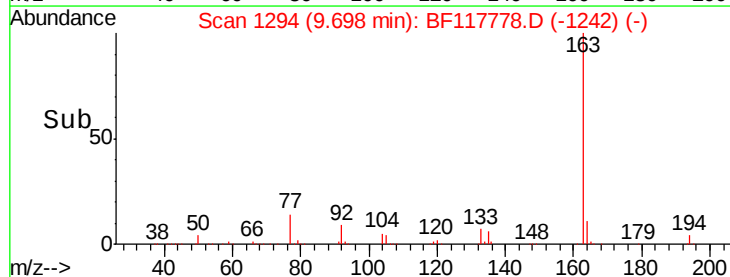
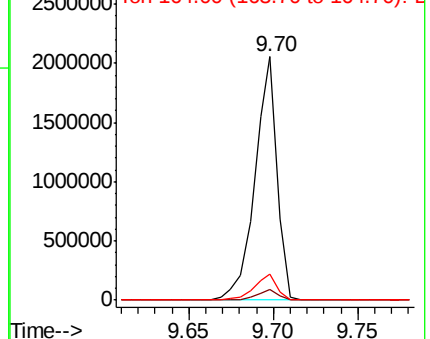
163 100

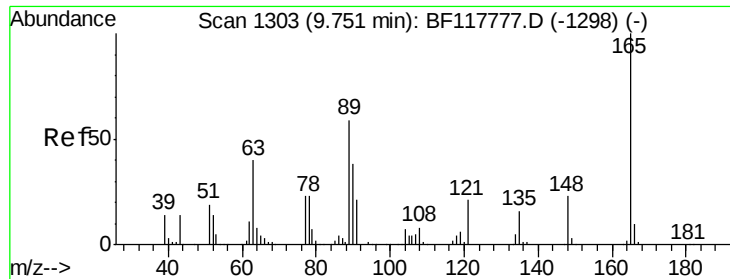
194 4.4 3.3 4.9

164 10.7 8.7 13.1



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

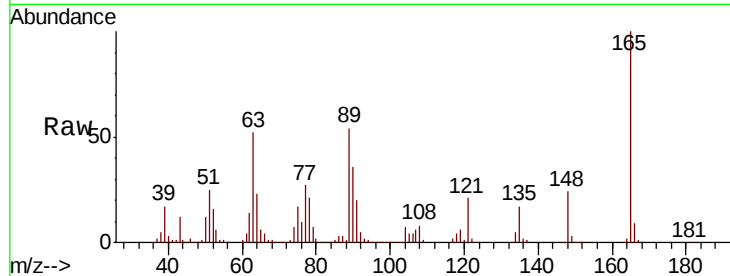




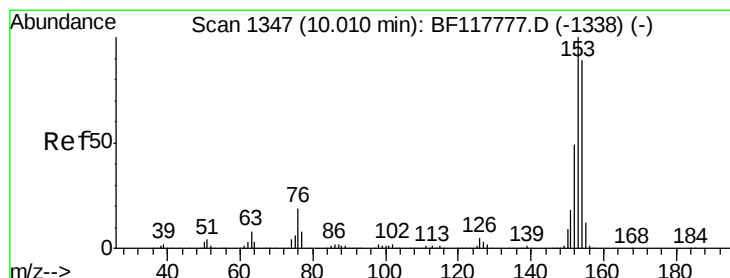
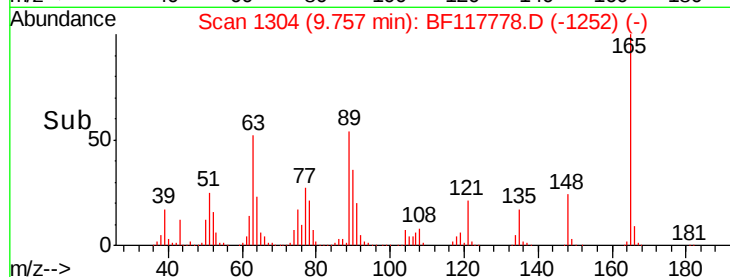
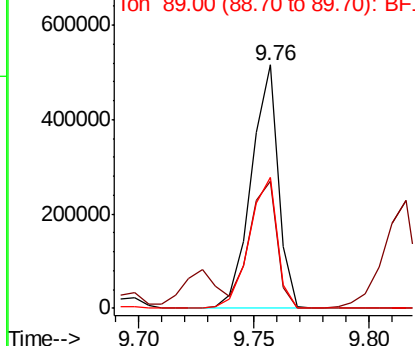
#51  
2,6-Dinitrotoluene  
Concen: 51.138 ng  
RT: 9.76 min Scan# 1304  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:165 Resp: 422069  
Ion Ratio Lower Upper  
165 100  
63 52.2 46.0 69.0  
89 53.5 47.7 71.5

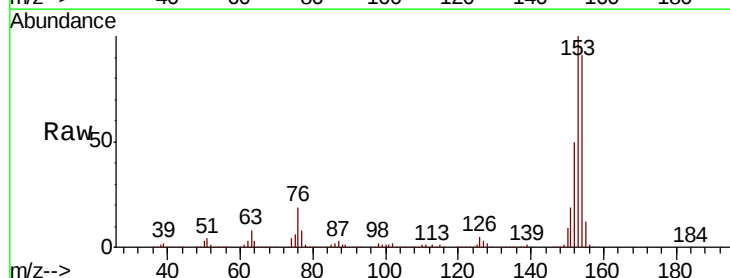


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

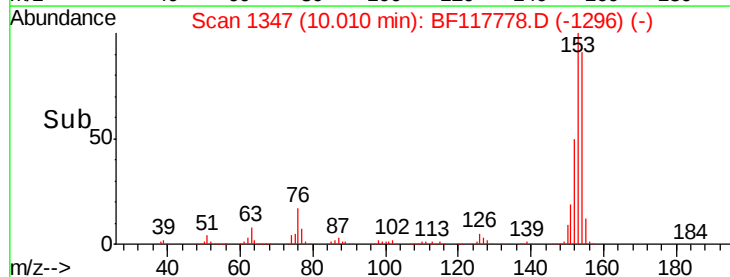
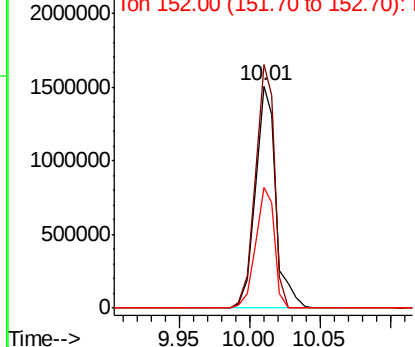


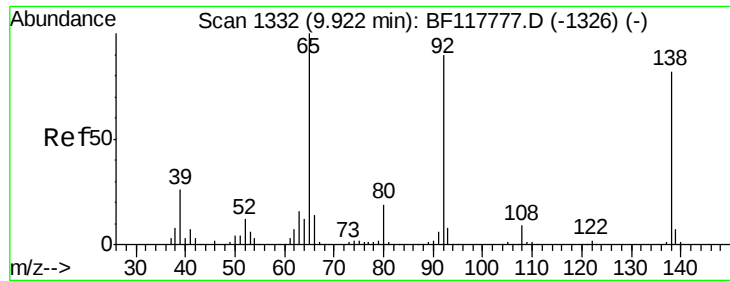
#52  
Acenaphthene  
Concen: 51.435 ng  
RT: 10.01 min Scan# 1347  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Tgt Ion:154 Resp: 1531637  
Ion Ratio Lower Upper  
154 100  
153 109.4 90.1 135.1  
152 54.4 44.0 66.0



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

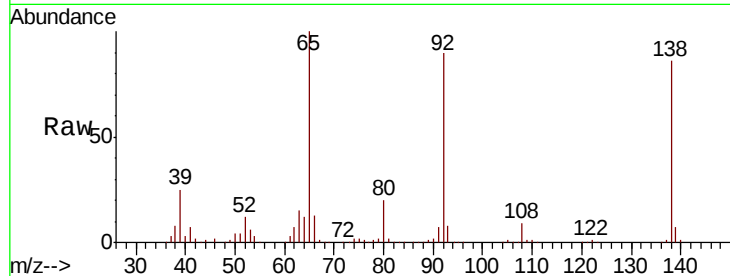




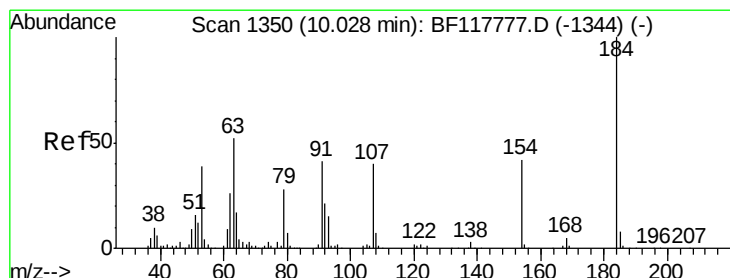
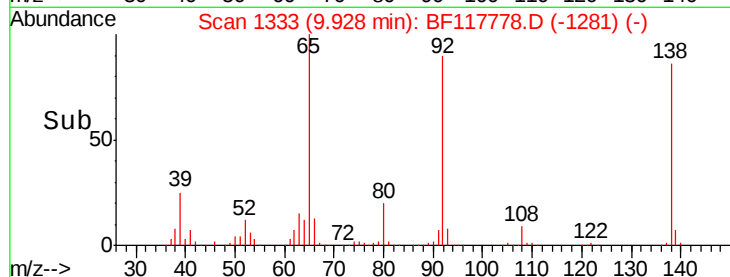
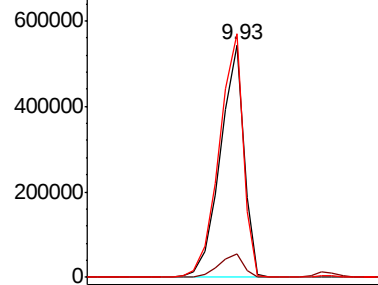
#53  
3-Nitroaniline  
Concen: 49.734 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:138 Resp: 495228  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.6 12.8  
92 104.7 87.9 131.9

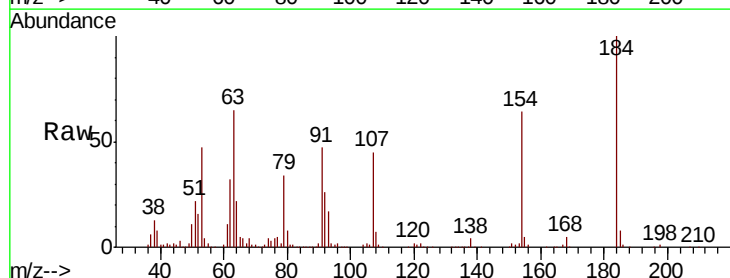


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

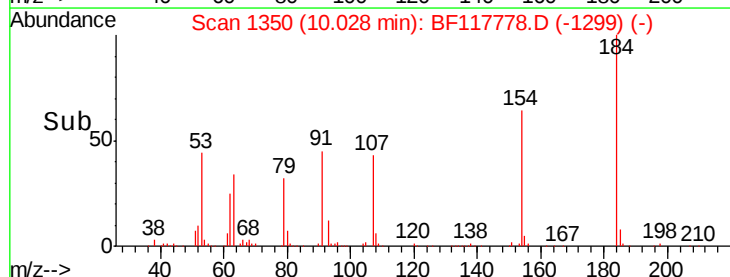
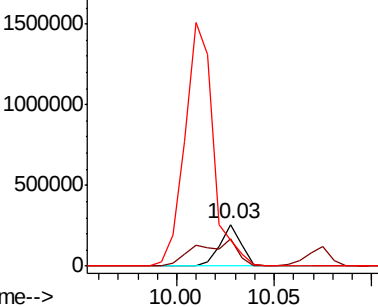


#54  
2,4-Dinitrophenol  
Concen: 68.973 ng  
RT: 10.03 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Tgt Ion:184 Resp: 195162  
Ion Ratio Lower Upper  
184 100  
63 65.4 43.0 64.6#  
154 64.4 48.0 72.0



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

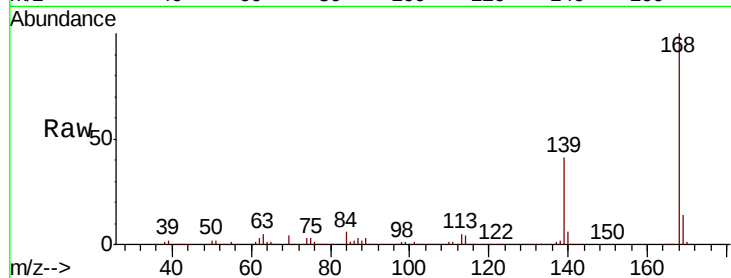




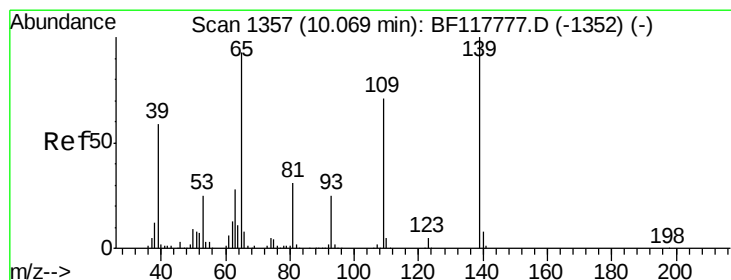
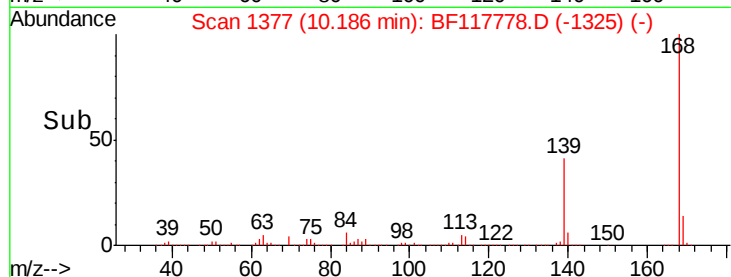
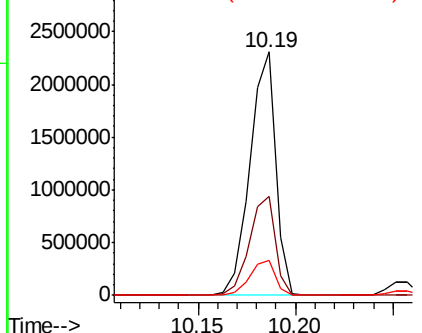
#55  
Dibenzofuran  
Concen: 50.506 ng  
RT: 10.19 min Scan# 1377  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:168 Resp: 2104515  
Ion Ratio Lower Upper  
168 100  
139 40.8 33.0 49.6  
169 14.3 11.5 17.3

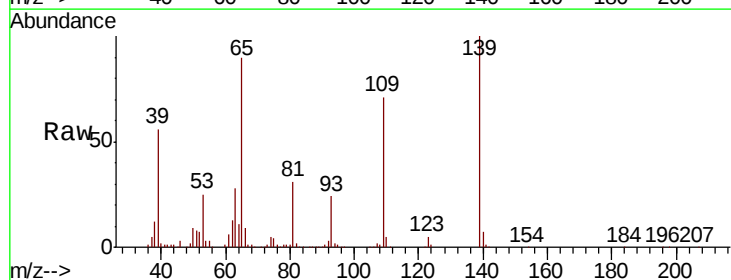


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

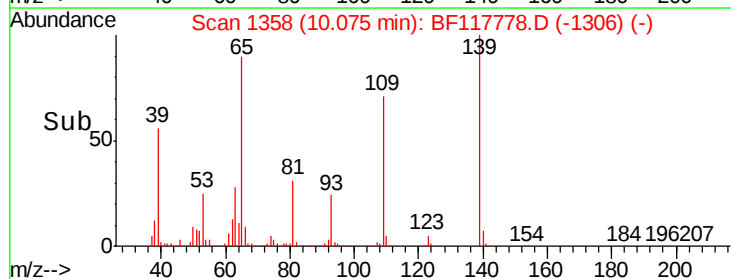
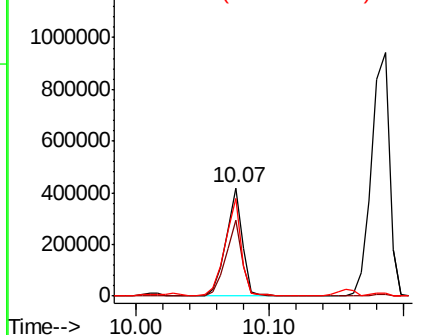


#56  
4-Nitrophenol  
Concen: 49.151 ng  
RT: 10.07 min Scan# 1358  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Tgt Ion:139 Resp: 368064  
Ion Ratio Lower Upper  
139 100  
109 70.9 50.8 90.8  
65 90.1 73.6 113.6



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

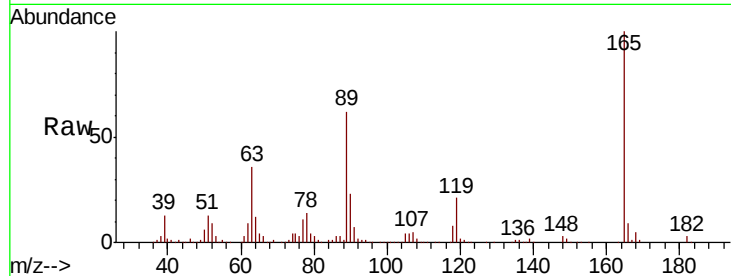




#57  
2,4-Dinitrotoluene  
Concen: 51.260 ng  
RT: 10.16 min Scan# 1373  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 36.0  | 33.7  | 50.5  |
| 89      | 62.3  | 57.3  | 85.9  |
| 182     | 2.8   | 2.3   | 3.5   |



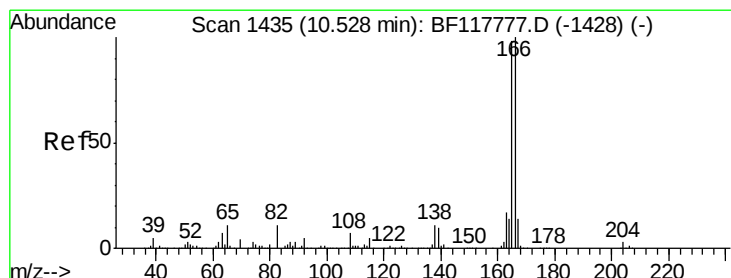
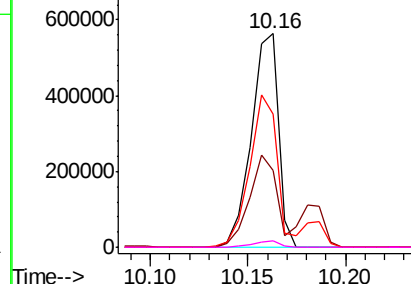
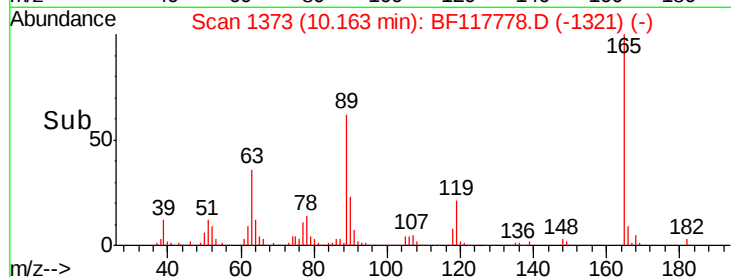
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

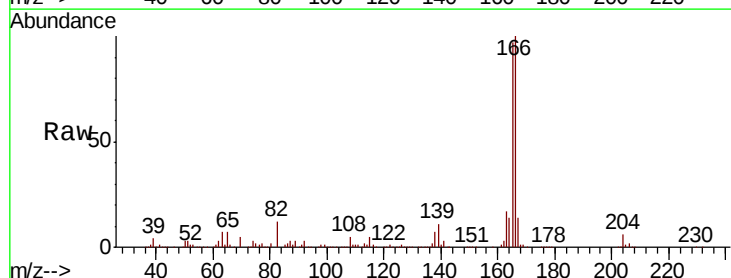
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 51.234 ng  
RT: 10.53 min Scan# 1435  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.0  | 78.4  | 117.6 |
| 167     | 13.9  | 11.0  | 16.4  |

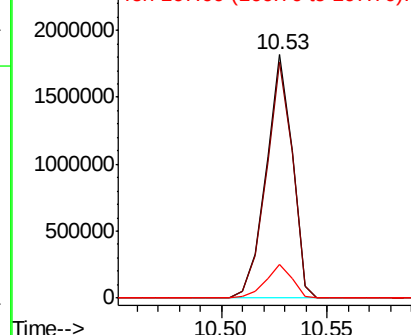
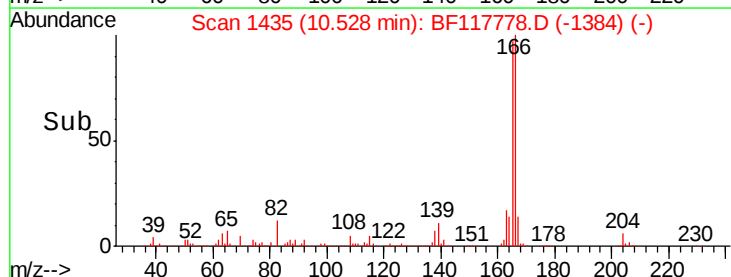


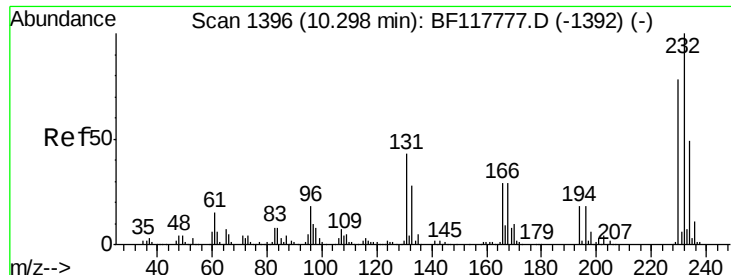
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

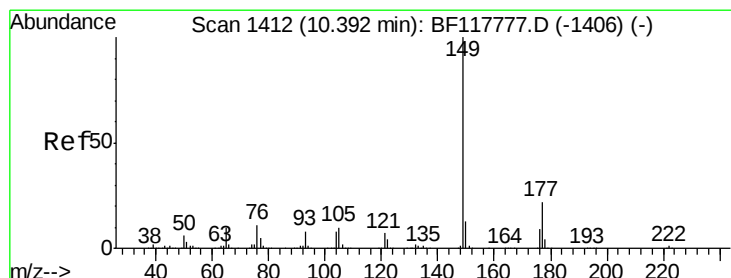
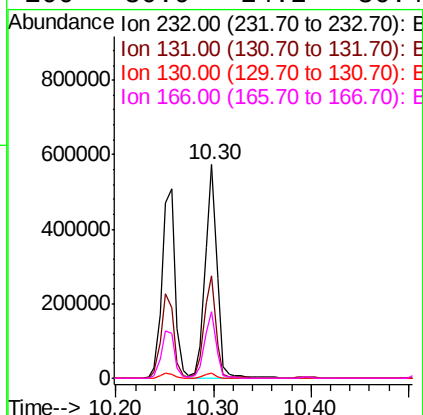
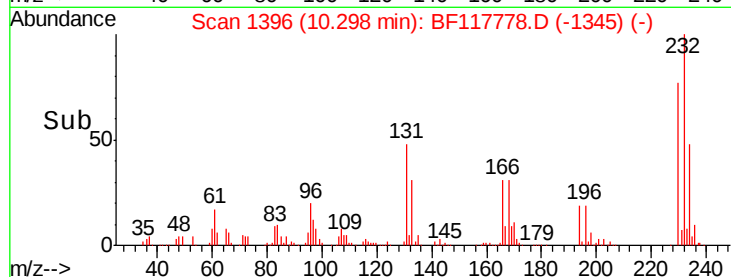
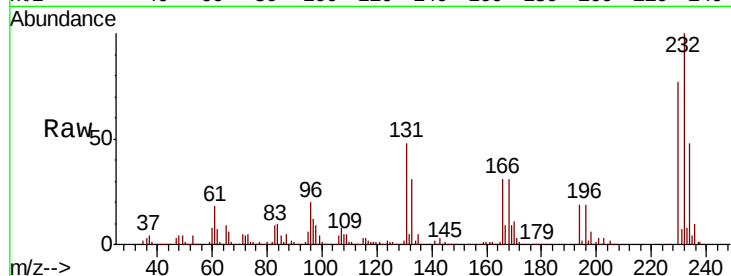




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.773 ng  
RT: 10.30 min Scan# 1396  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

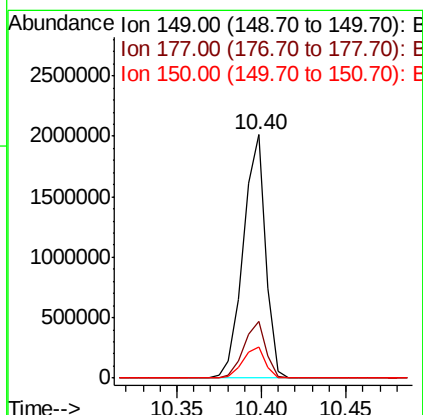
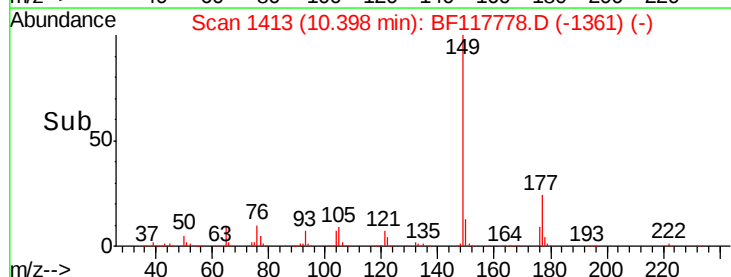
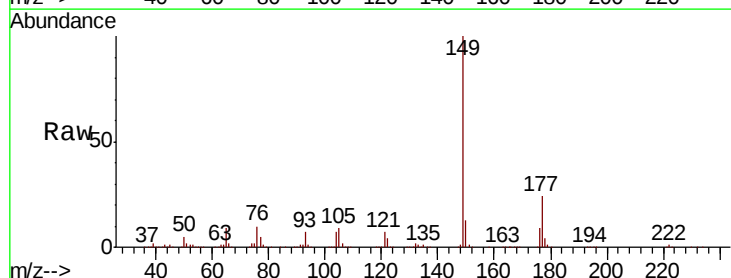
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

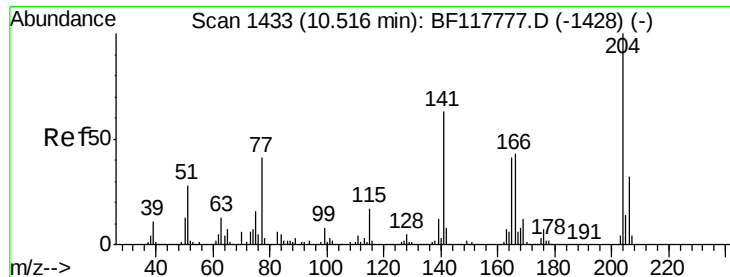
Tot Ion:232 Resp: 483065  
Ion Ratio Lower Upper  
232 100  
131 47.7 37.6 56.4  
130 2.4 1.9 2.9  
166 30.9 24.2 36.4



#60  
Diethylphthalate  
Concen: 51.079 ng  
RT: 10.40 min Scan# 1413  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Tgt Ion:149 Resp: 1851530  
Ion Ratio Lower Upper  
149 100  
177 23.5 18.0 27.0  
150 12.9 10.5 15.7

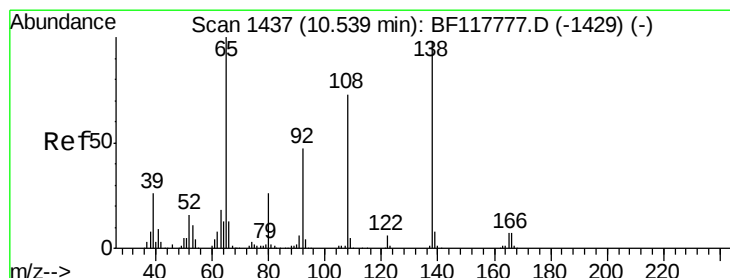
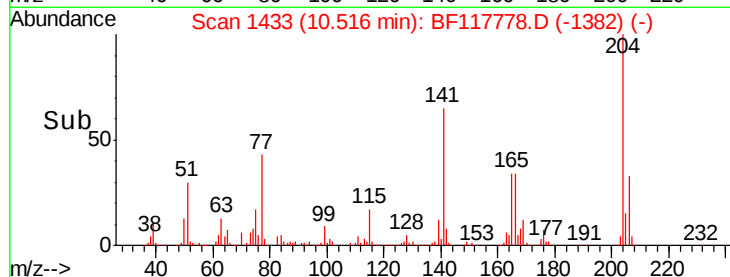
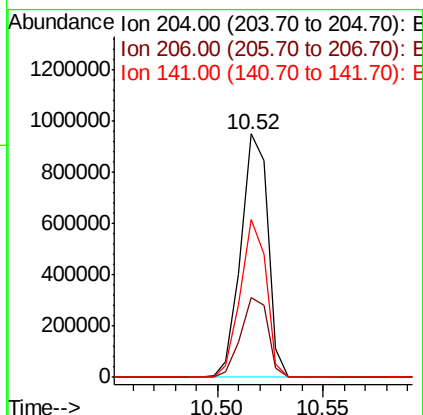
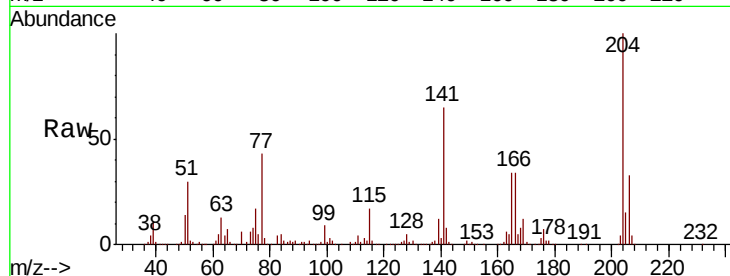




#61  
 4-Chlorophenyl-phenylether  
 Concen: 52.432 ng  
 RT: 10.52 min Scan# 1433  
 Delta R.T. 0.00 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

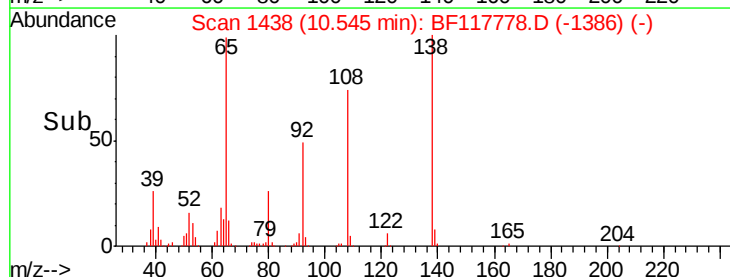
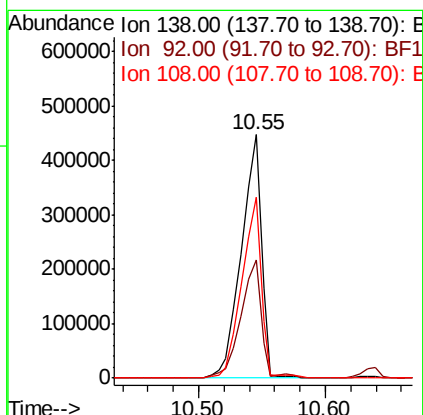
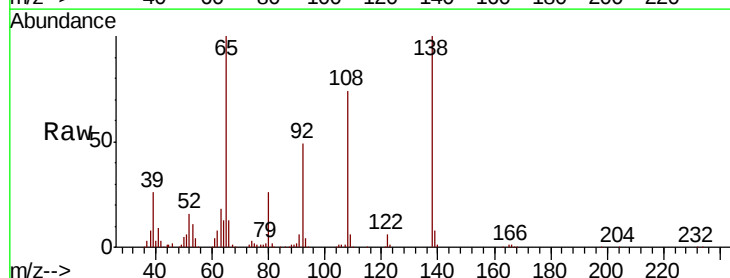
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

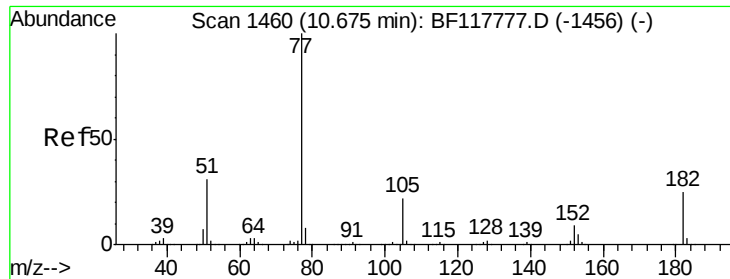
Tot Ion:204 Resp: 838220  
 Ion Ratio Lower Upper  
 204 100  
 206 32.8 25.6 38.4  
 141 64.6 50.7 76.1



#62  
 4-Nitroaniline  
 Concen: 50.306 ng  
 RT: 10.55 min Scan# 1438  
 Delta R.T. 0.01 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

Tgt Ion:138 Resp: 493032  
 Ion Ratio Lower Upper  
 138 100  
 92 48.5 28.3 68.3  
 108 74.3 54.3 94.3

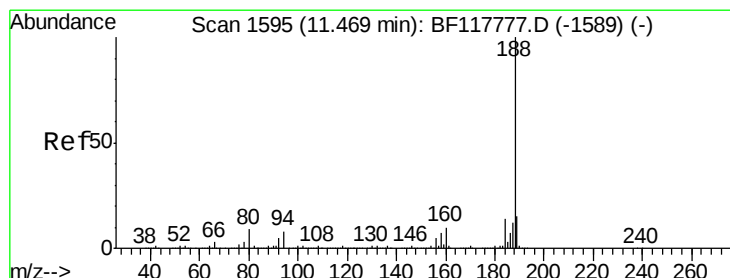
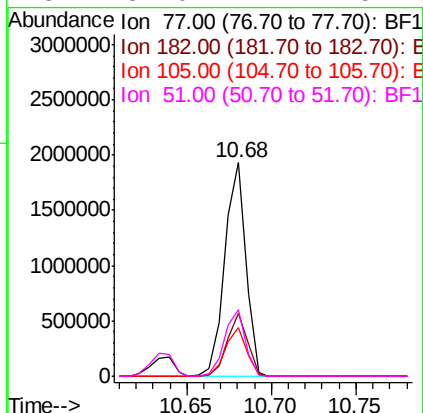
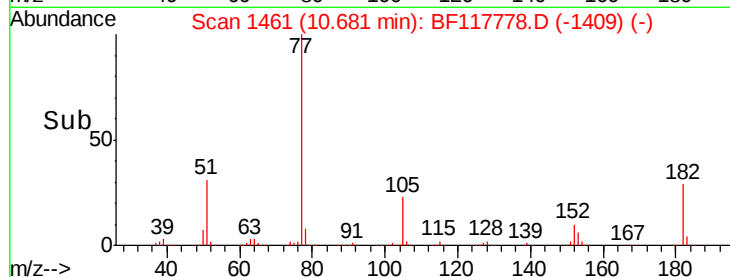
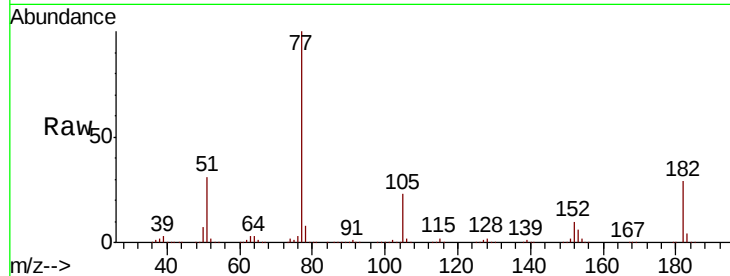




#63  
Azobenzene  
Concen: 48.639 ng  
RT: 10.68 min Scan# 1461  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

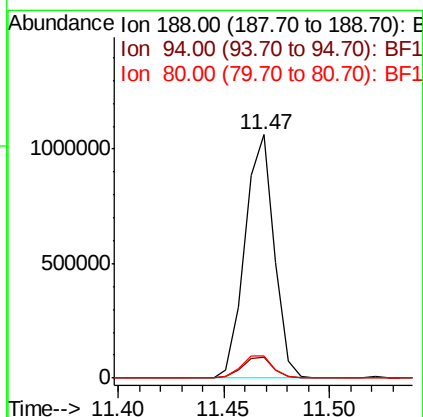
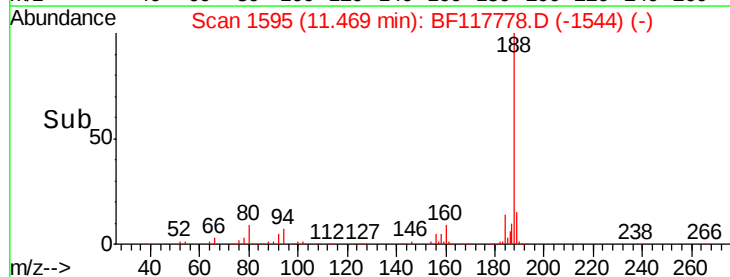
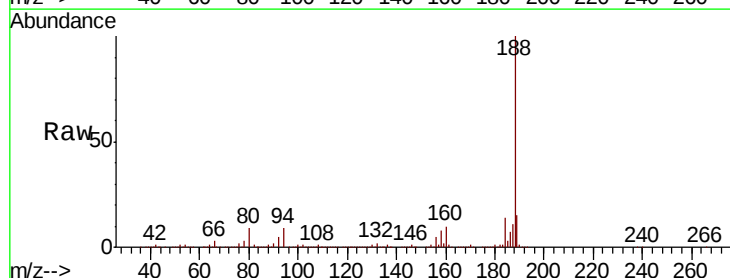
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion: 77 Resp: 1669914  
Ion Ratio Lower Upper  
77 100  
182 29.2 4.8 44.8  
105 23.0 2.1 42.1  
51 31.0 11.4 51.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.47 min Scan# 1595  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Tgt Ion: 188 Resp: 1020091  
Ion Ratio Lower Upper  
188 100  
94 8.6 6.6 10.0  
80 9.1 7.2 10.8

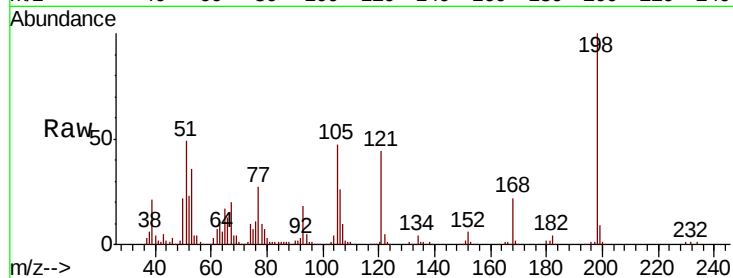




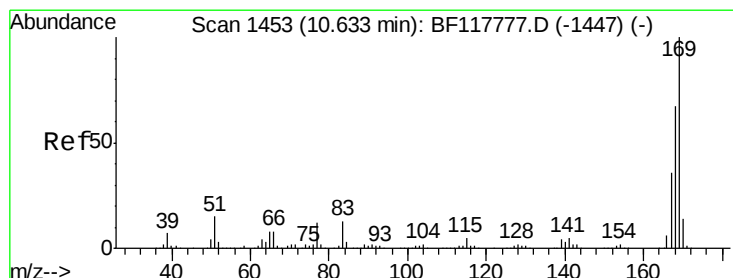
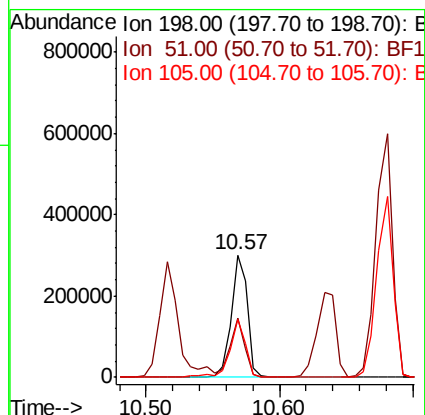
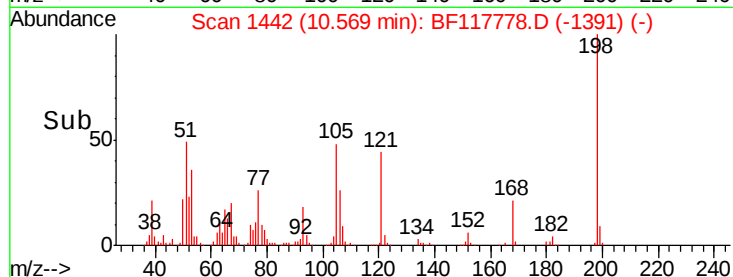
#65  
4,6-Dinitro-2-methylphenol  
Concen: 63.057 ng  
RT: 10.57 min Scan# 1442  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:198 Resp: 256848  
Ion Ratio Lower Upper  
198 100  
51 48.6 16.0 56.0  
105 47.5 19.1 59.1

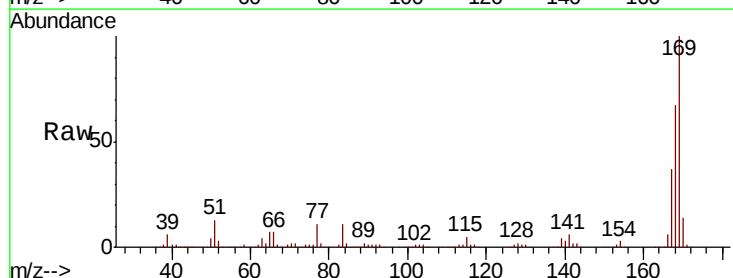


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

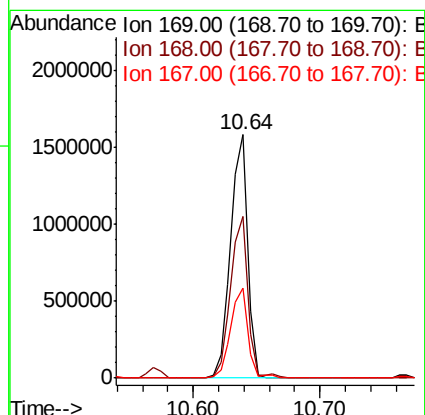
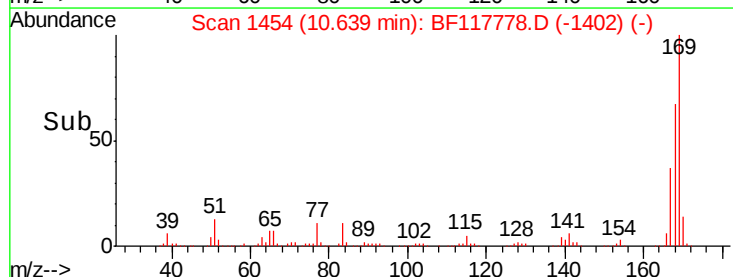


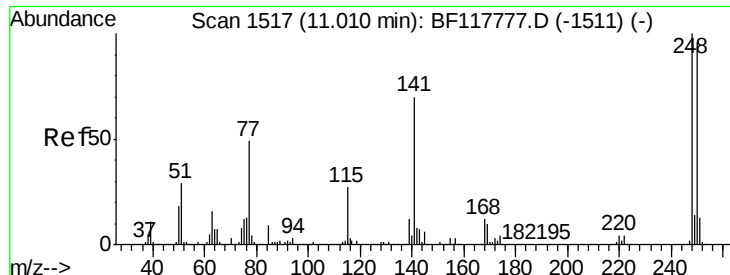
#66  
n-Nitrosodiphenylamine  
Concen: 48.682 ng  
RT: 10.64 min Scan# 1454  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Tgt Ion:169 Resp: 1466715  
Ion Ratio Lower Upper  
169 100  
168 66.6 53.5 80.3  
167 37.0 29.0 43.4



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

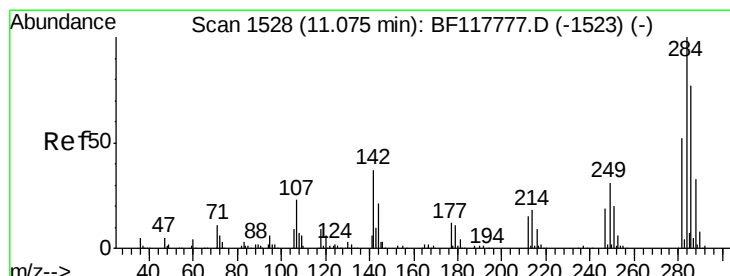
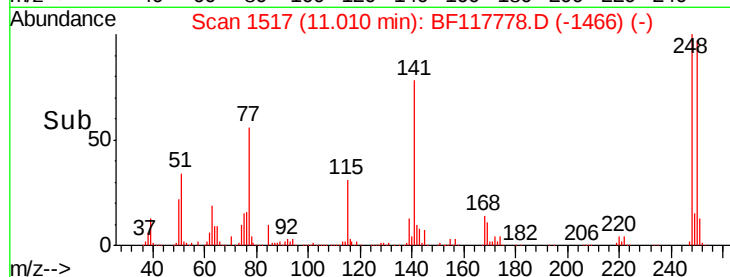
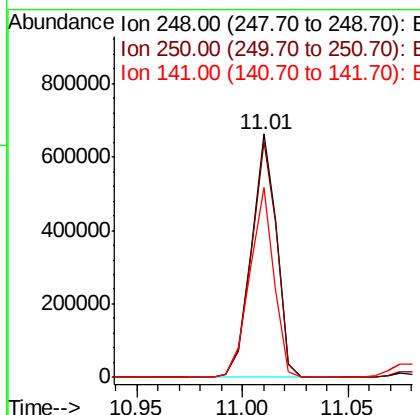
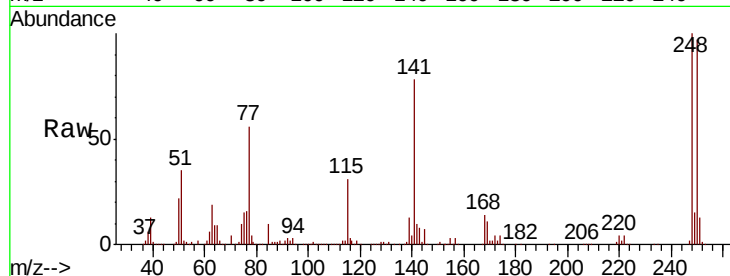




#67  
4-Bromophenyl-phenylether  
Concen: 49.352 ng  
RT: 11.01 min Scan# 1517  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

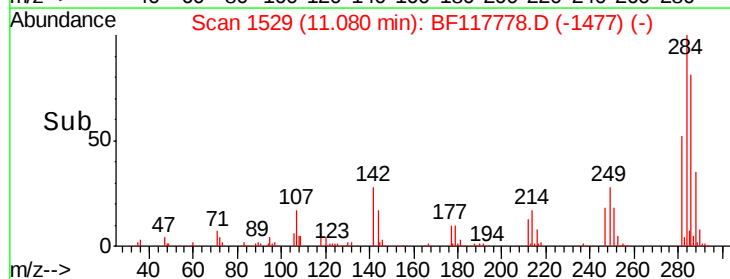
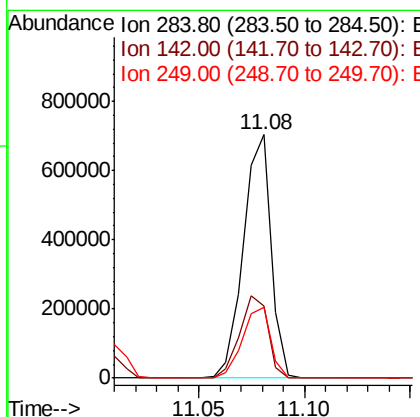
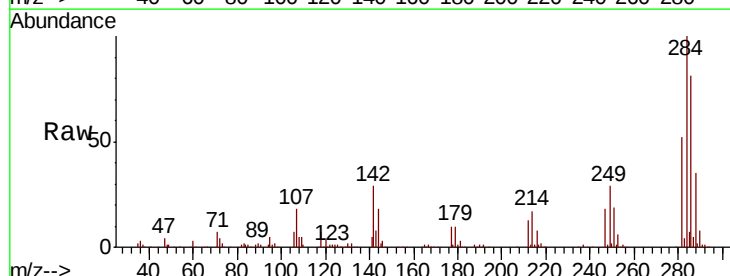
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tot Ion:248 Resp: 549813  
Ion Ratio Lower Upper  
248 100  
250 96.7 76.6 115.0  
141 77.9 55.9 83.9



#68  
Hexachlorobenzene  
Concen: 49.731 ng  
RT: 11.08 min Scan# 1529  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Tgt Ion:284 Resp: 640027  
Ion Ratio Lower Upper  
284 100  
142 29.5 29.4 44.2  
249 29.0 24.6 37.0

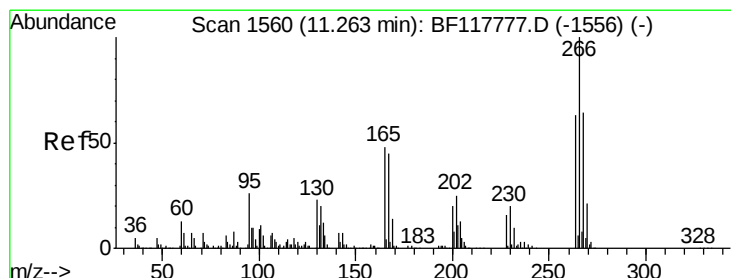
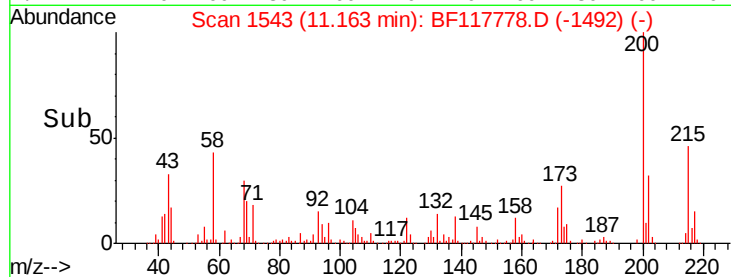
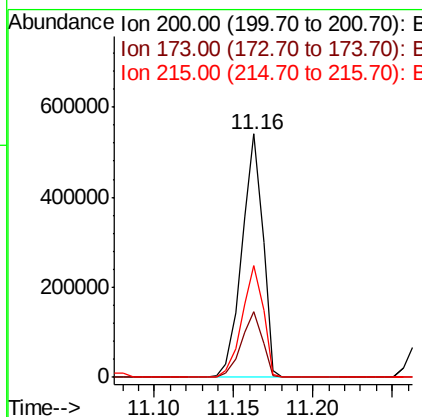
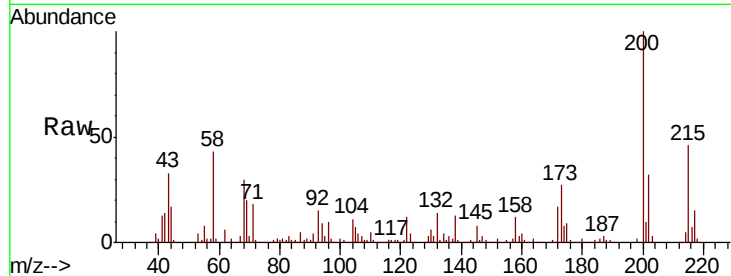




#69  
Atrazine  
Concen: 49.501 ng  
RT: 11.16 min Scan# 1543  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

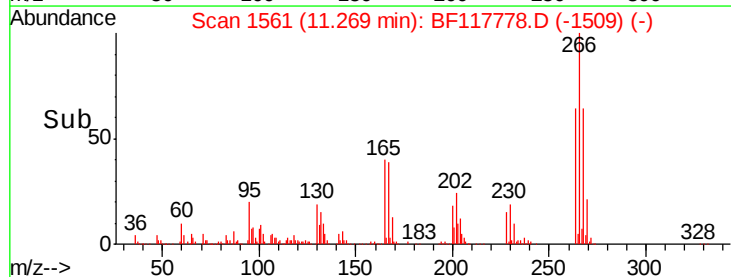
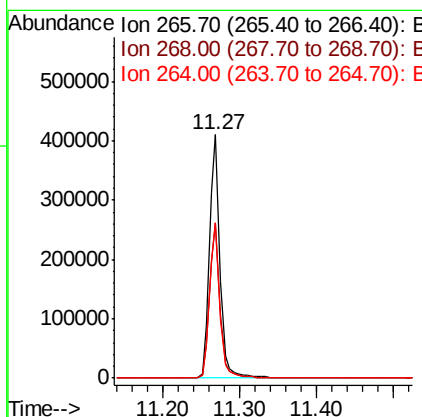
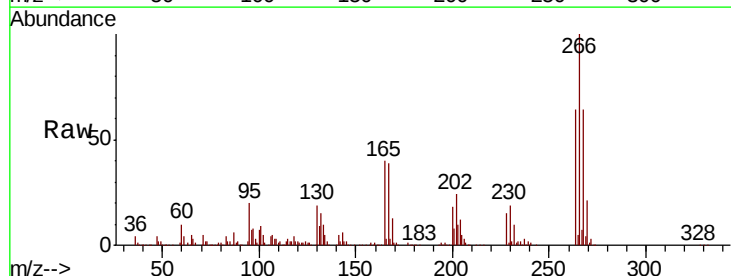
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

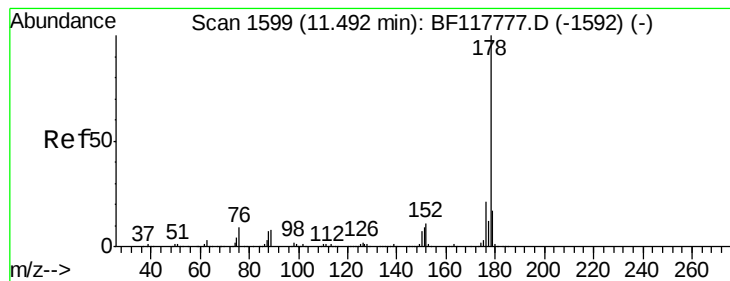
Tot Ion:200 Resp: 491451  
Ion Ratio Lower Upper  
200 100  
173 27.2 6.7 46.7  
215 45.7 27.5 67.5



#70  
Pentachlorophenol  
Concen: 53.557 ng  
RT: 11.27 min Scan# 1561  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Tgt Ion:266 Resp: 385310  
Ion Ratio Lower Upper  
266 100  
268 63.6 50.8 76.2  
264 64.0 50.7 76.1





#71

Phenanthrene

Concen: 49.184 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

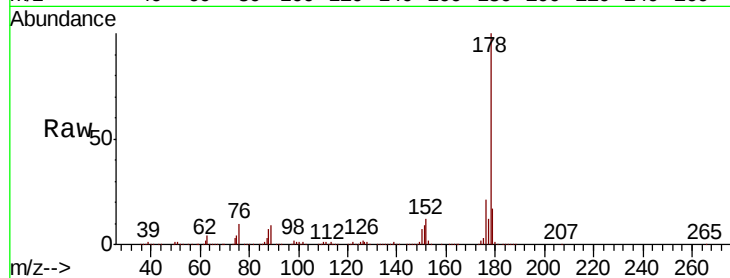
Tot Ion:178 Resp: 2404842

Ion Ratio Lower Upper

178 100

176 21.4 16.6 25.0

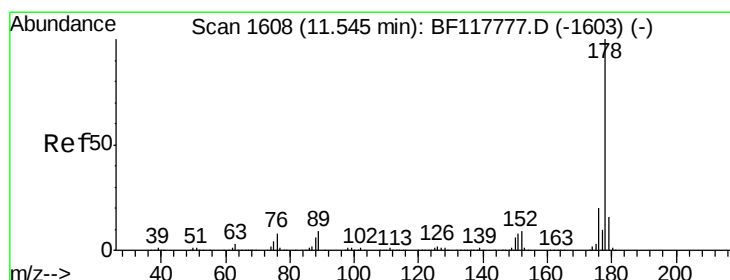
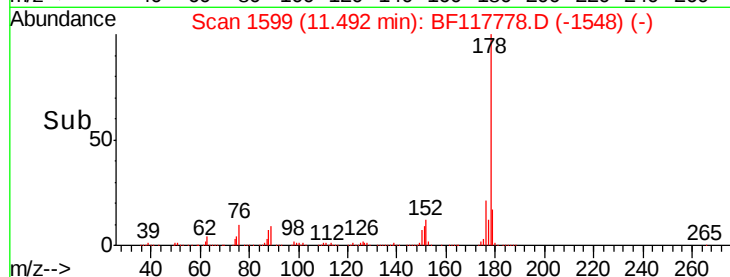
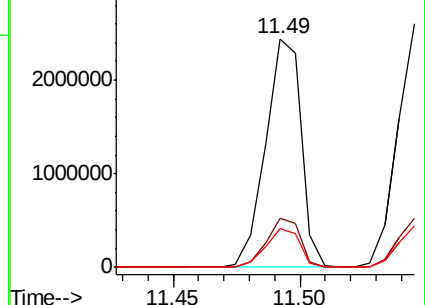
179 16.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.435 ng

RT: 11.55 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

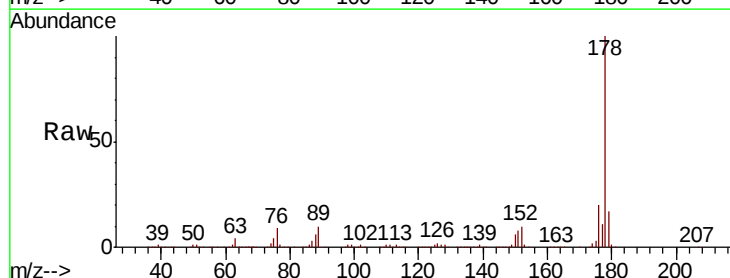
Tgt Ion:178 Resp: 2404740

Ion Ratio Lower Upper

178 100

176 20.4 16.1 24.1

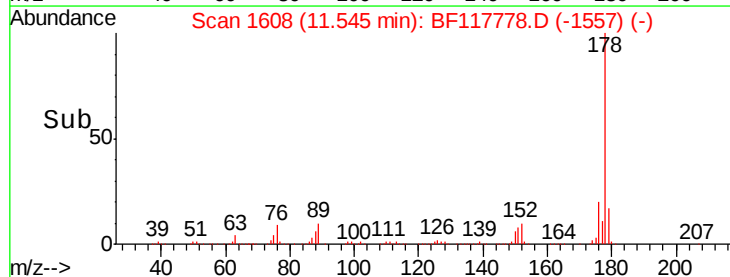
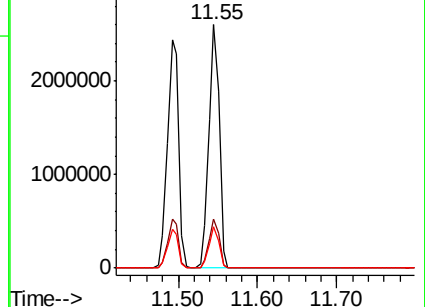
179 16.8 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

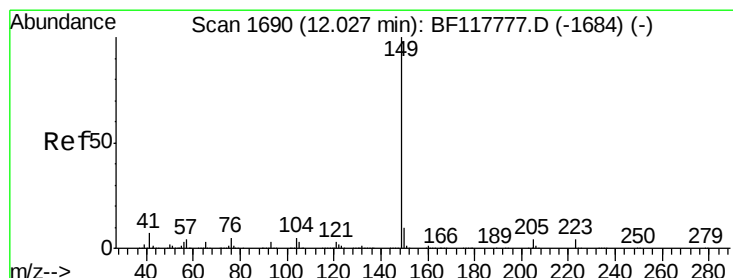
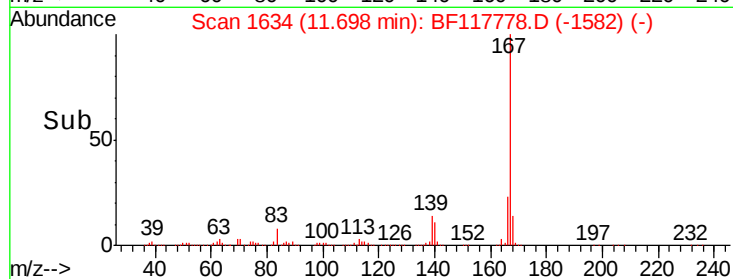
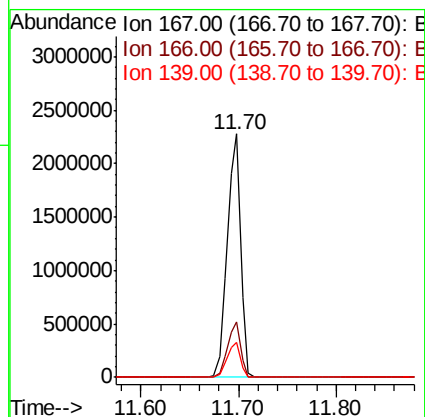
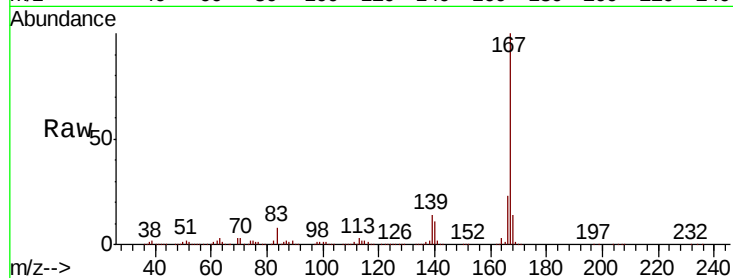




#73  
 Carbazole  
 Concen: 48.799 ng  
 RT: 11.70 min Scan# 1634  
 Delta R.T. 0.01 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

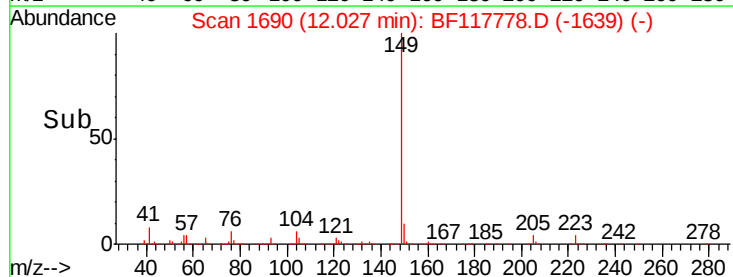
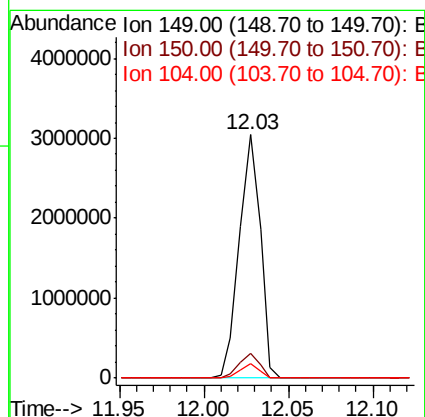
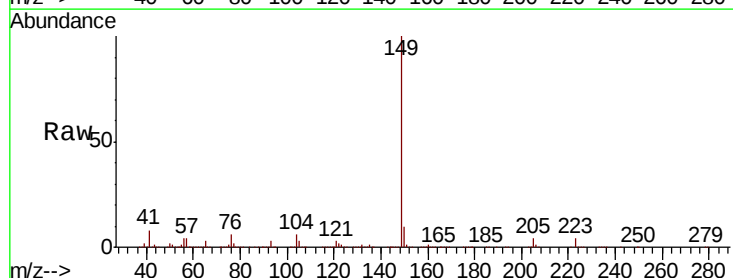
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

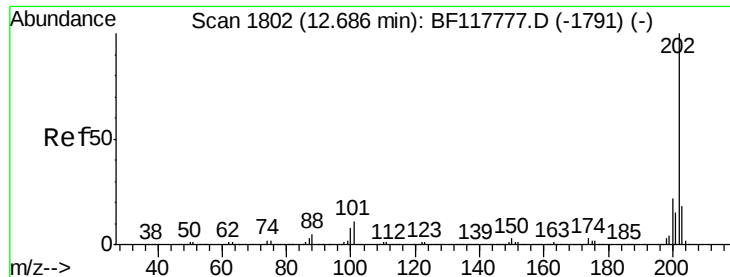
Tot Ion:167 Resp: 2170066  
 Ion Ratio Lower Upper  
 167 100  
 166 22.8 18.0 27.0  
 139 14.4 11.7 17.5



#74  
 Di-n-butylphthalate  
 Concen: 48.883 ng  
 RT: 12.03 min Scan# 1690  
 Delta R.T. 0.00 min  
 Lab File: BF117778.D  
 Acq: 13 Nov 2019 16:23

Tgt Ion:149 Resp: 2643232  
 Ion Ratio Lower Upper  
 149 100  
 150 10.4 7.9 11.9  
 104 5.7 4.2 6.4





#75

Fluoranthene

Concen: 47.534 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

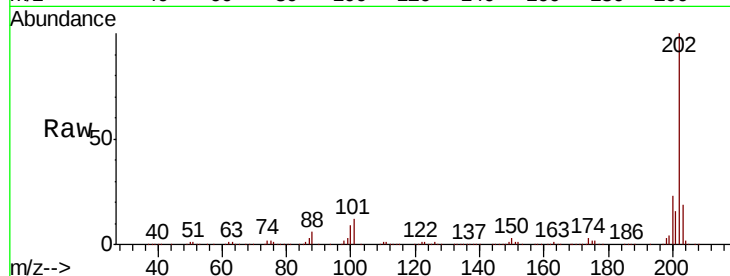
BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:202 Resp: 2373182

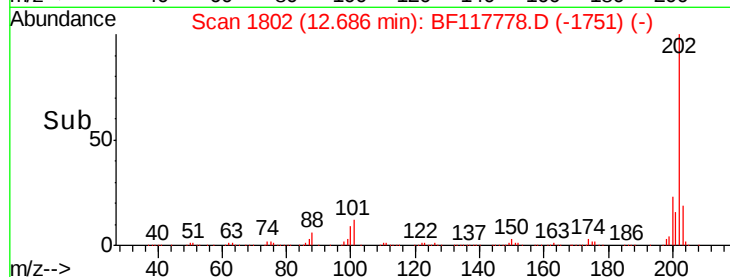
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 12.5  | 0.0   | 31.1  |
| 203 | 18.8  | 0.0   | 38.2  |



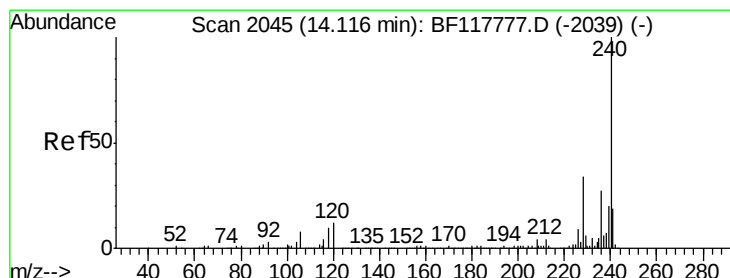
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2045

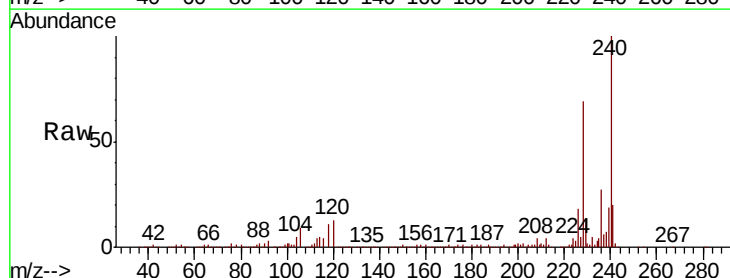
Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Tgt Ion:240 Resp: 586677

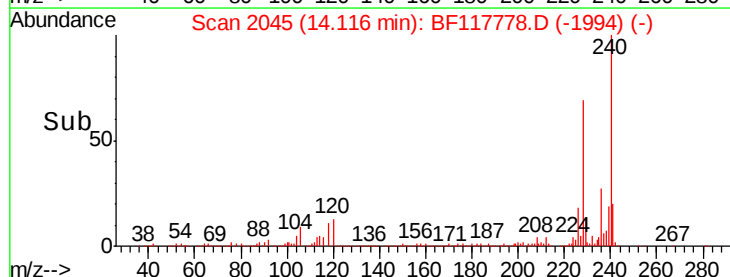
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 12.6  | 9.5   | 14.3  |
| 236 | 27.1  | 21.3  | 31.9  |



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



Time-->



#77

Benzidine

Concen: 47.563 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

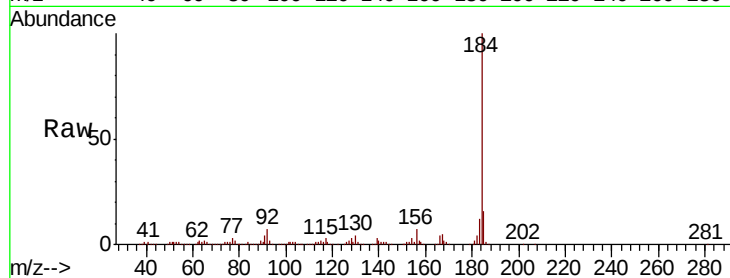
Tot Ion:184 Resp: 970140

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.4

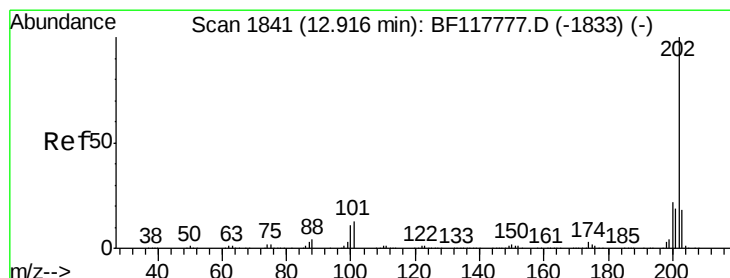
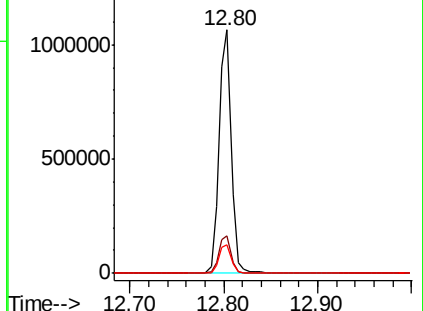
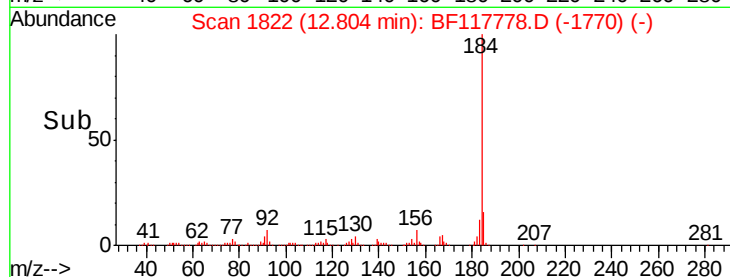
183 12.0 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 54.742 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

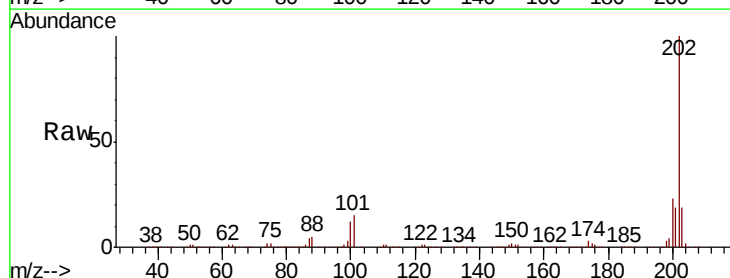
Tgt Ion:202 Resp: 2344431

Ion Ratio Lower Upper

202 100

200 23.5 17.8 26.8

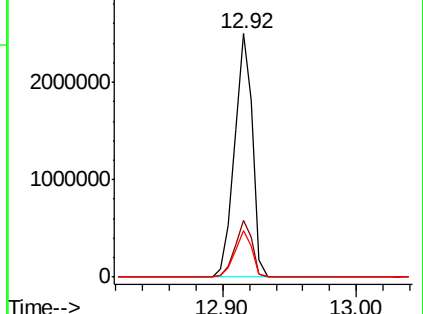
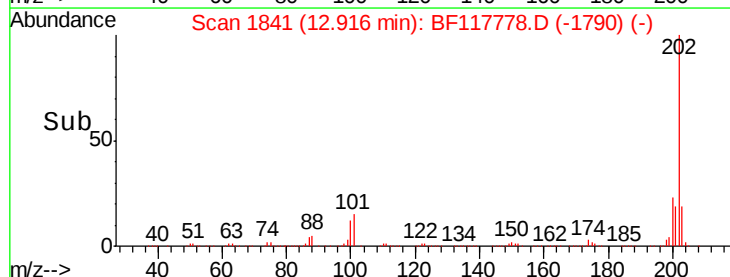
203 19.2 14.6 22.0

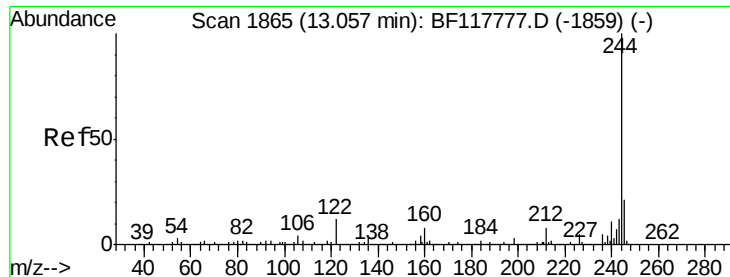


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 112.851 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

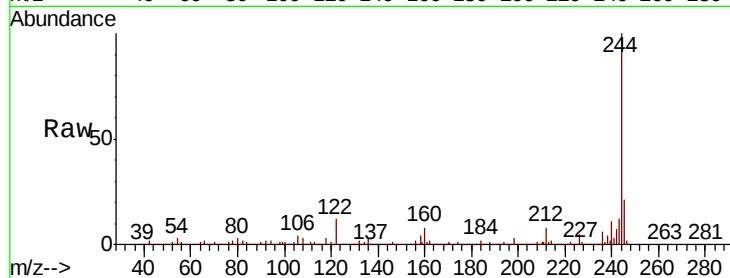
Tot Ion:244 Resp: 3216135

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

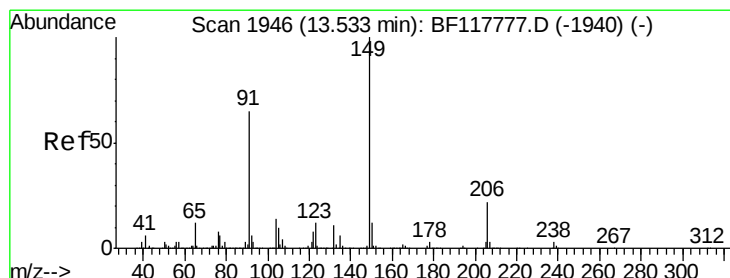
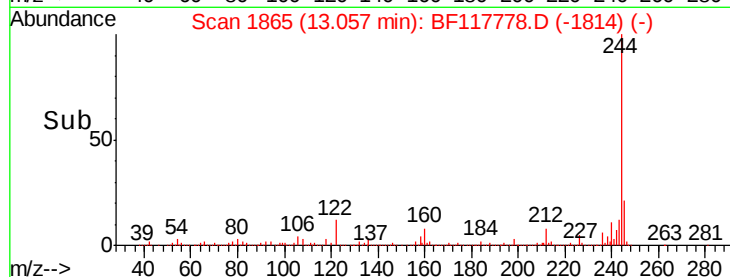
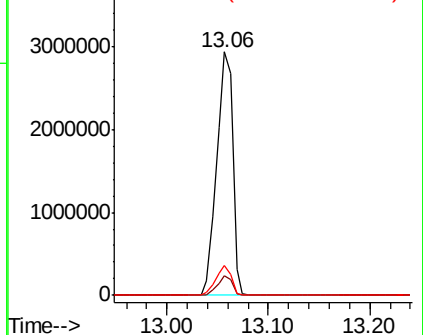
122 12.2 9.4 14.2



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: 53.381 ng

RT: 13.53 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

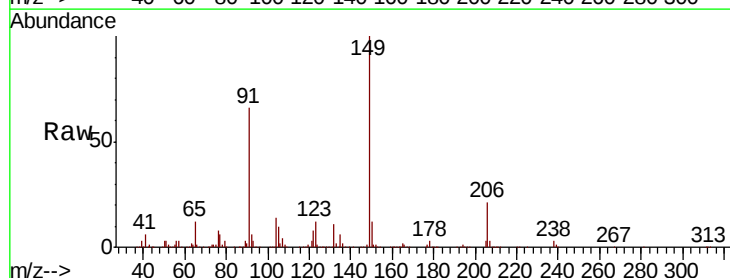
Tgt Ion:149 Resp: 1055964

Ion Ratio Lower Upper

149 100

91 65.8 51.9 77.9

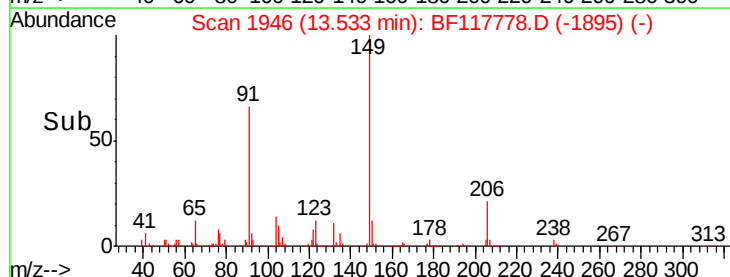
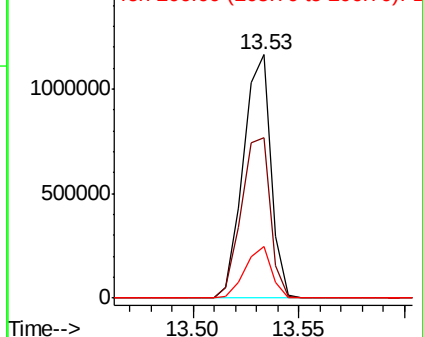
206 21.0 17.2 25.8



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: 52.555 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

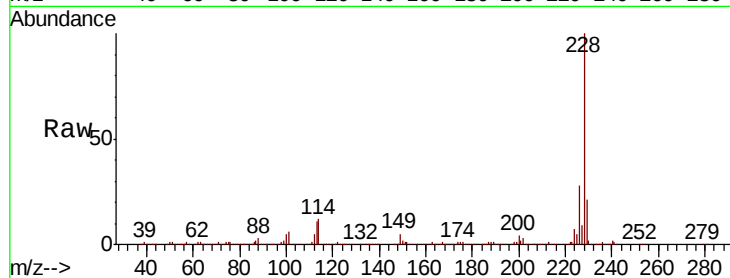
BNA\_F

ClientSampleId :

SSTDICC050

Tot Ion:228 Resp: 1919206

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.6  | 22.2  | 33.2  |
| 229 | 20.8  | 15.9  | 23.9  |

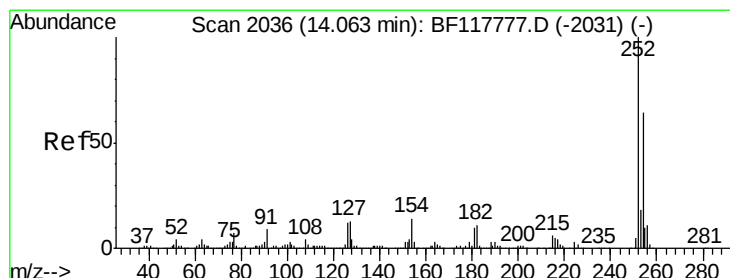
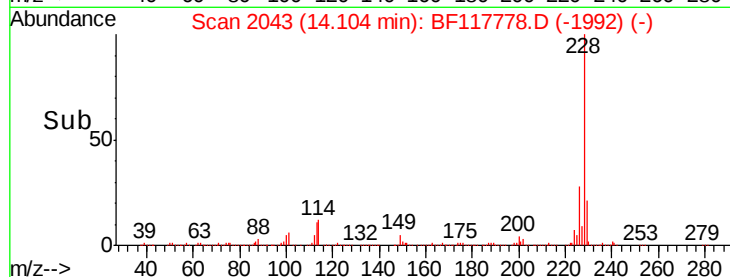
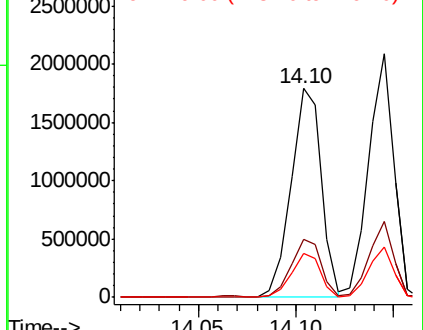


Abundance

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: 51.223 ng

RT: 14.07 min Scan# 2037

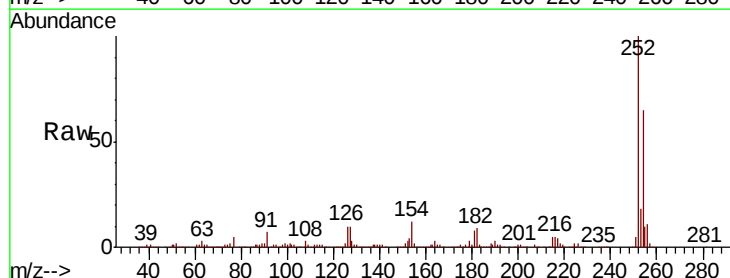
Delta R.T. 0.01 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Tgt Ion:252 Resp: 698616

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.6  | 51.0  | 76.6  |
| 126 | 9.6   | 9.7   | 14.5# |

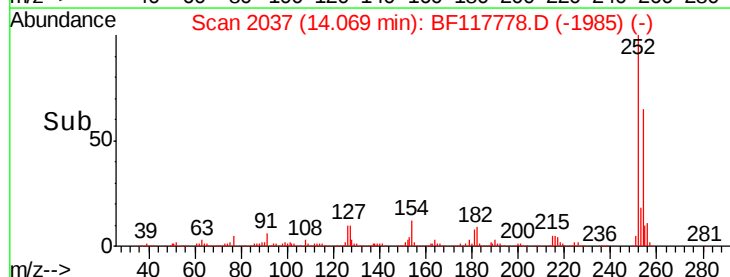
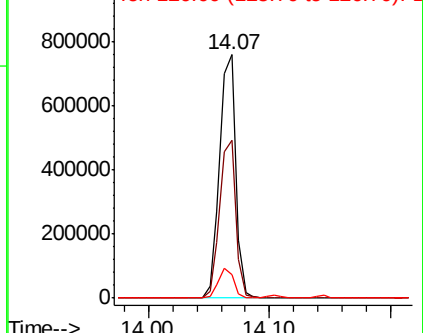


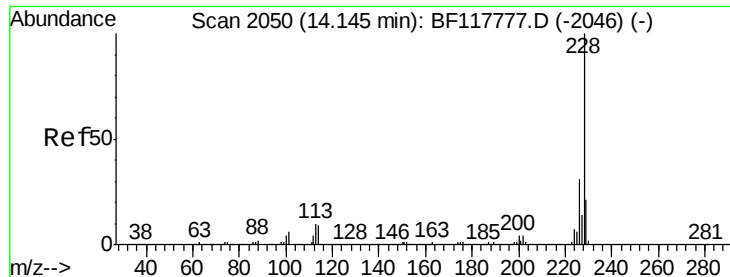
Abundance

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: 52.134 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

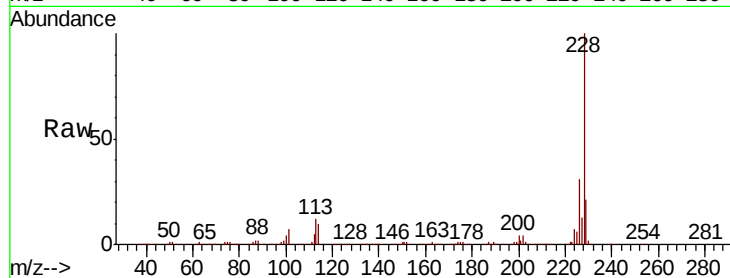
Tot Ion:228 Resp: 1880146

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.4

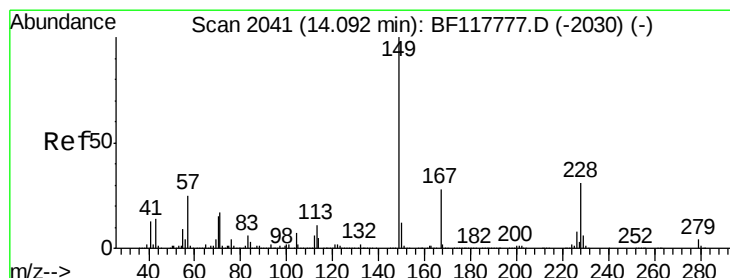
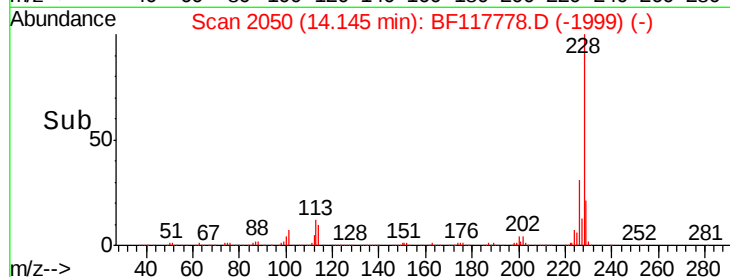
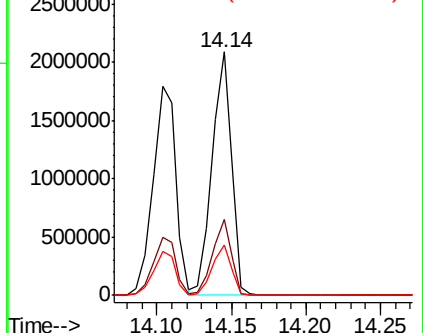
229 20.6 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.549 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

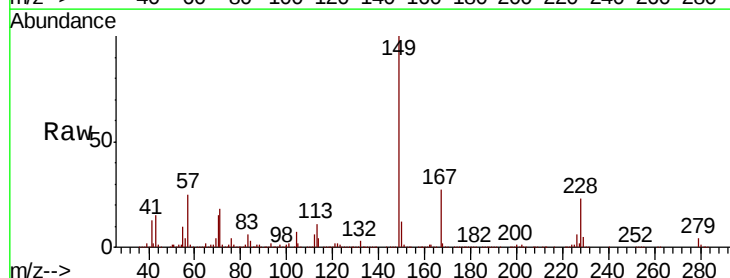
Tgt Ion:149 Resp: 1289866

Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.2

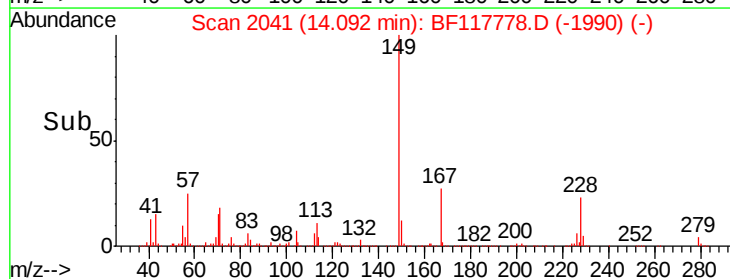
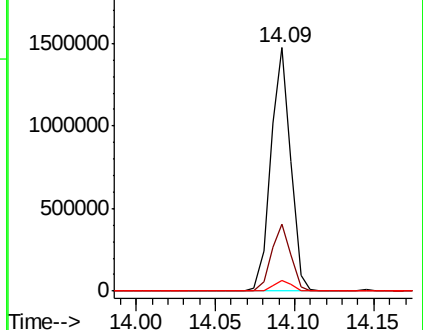
279 4.3 3.4 5.2

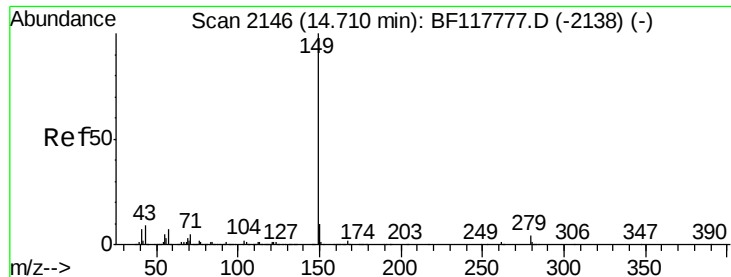


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.052 ng

RT: 14.71 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

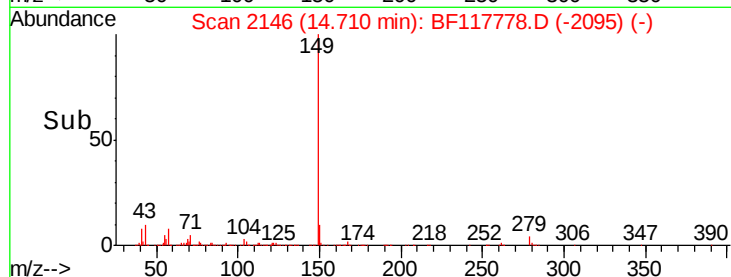
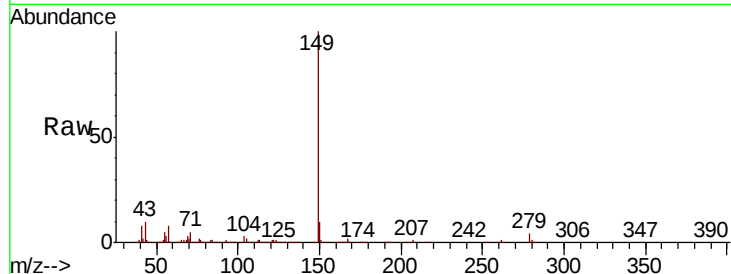
Tot Ion:149 Resp: 1929507

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

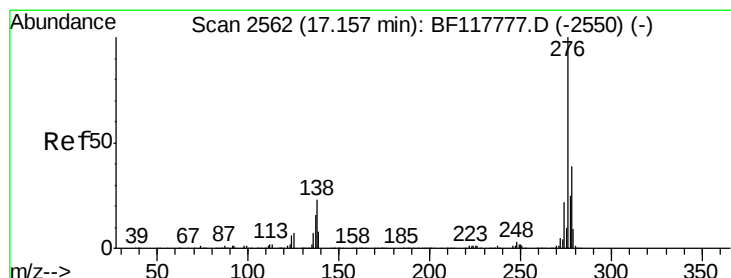
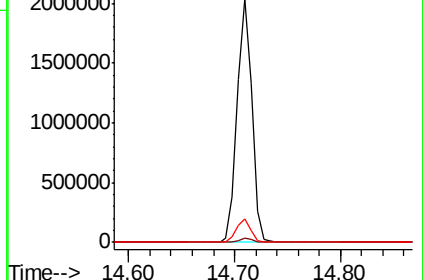
43 9.4 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.717 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

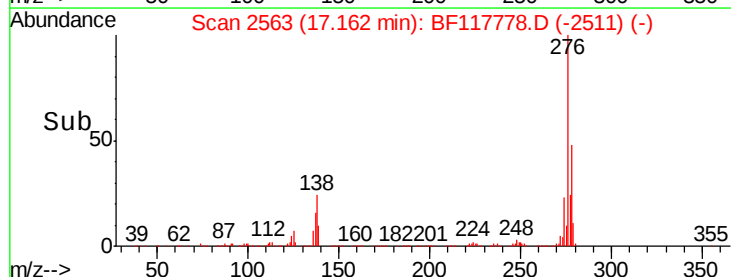
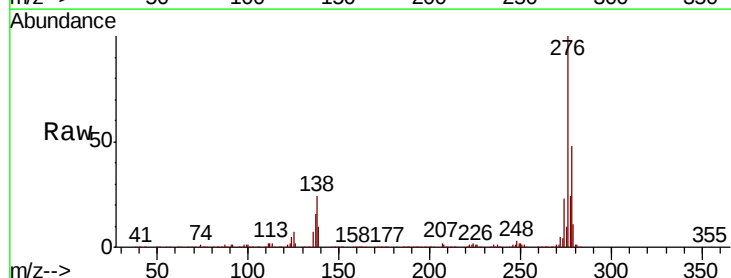
Tgt Ion:276 Resp: 1568116

Ion Ratio Lower Upper

276 100

138 25.9 20.9 31.3

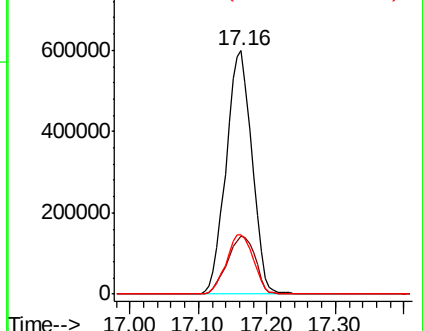
277 25.5 20.3 30.5

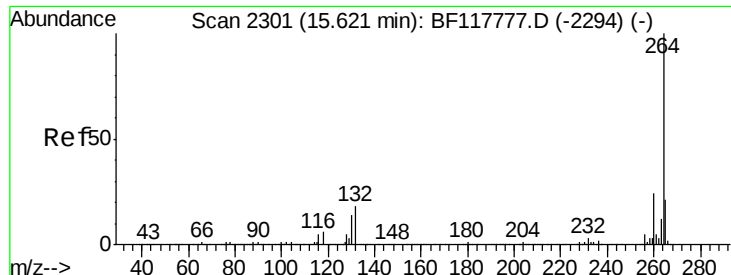


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



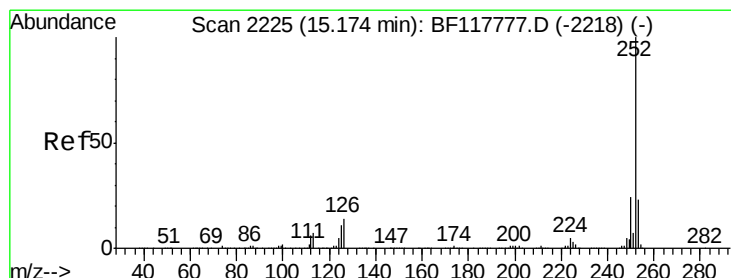
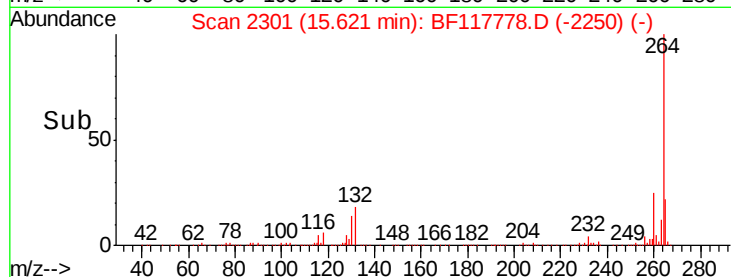
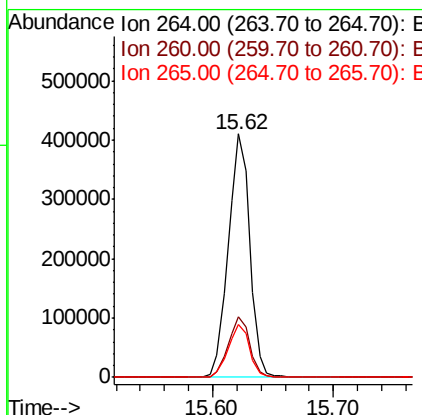
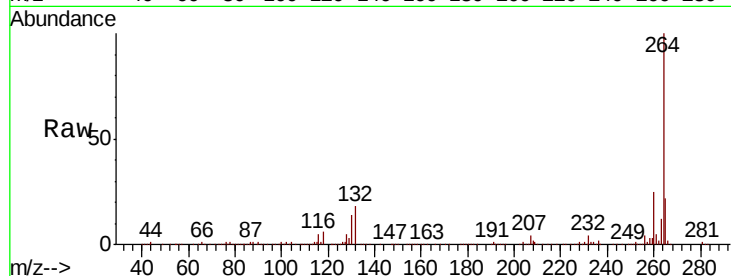


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.62 min Scan# 2301  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:264 Resp: 507400  

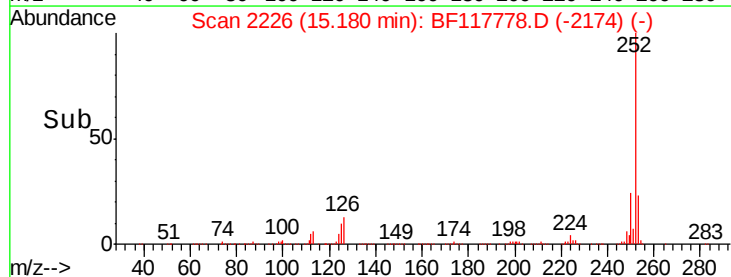
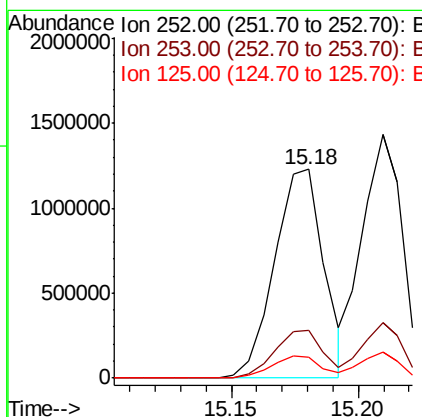
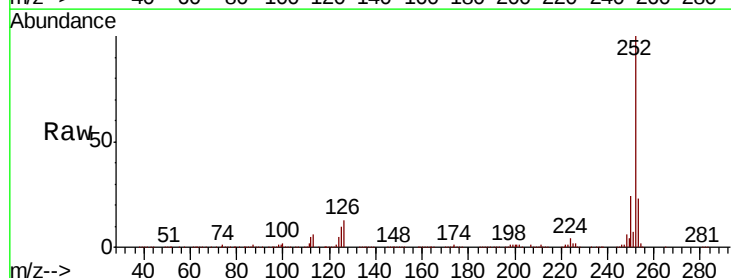
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.6  | 19.4  | 29.0  |
| 265 | 21.7  | 17.1  | 25.7  |

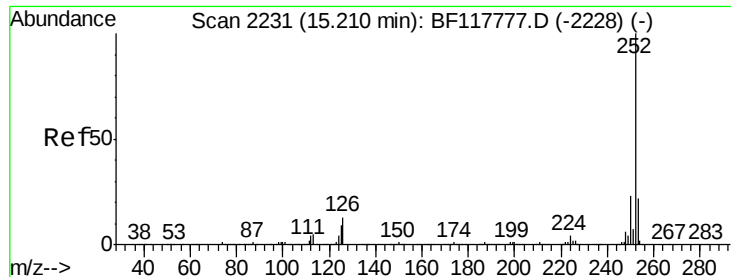


#88  
Benzo(b)fluoranthene  
Concen: 51.798 ng  
RT: 15.18 min Scan# 2226  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Tgt Ion:252 Resp: 1655300  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.6  | 18.0  | 27.0  |
| 125 | 10.3  | 8.6   | 13.0  |

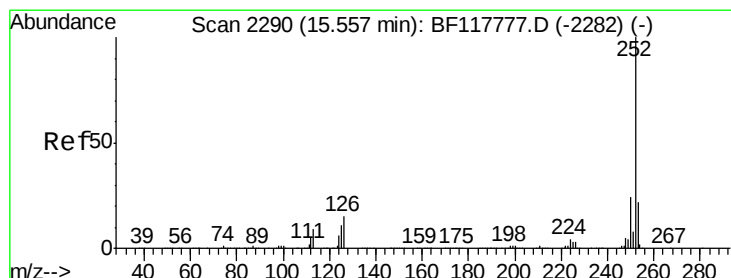
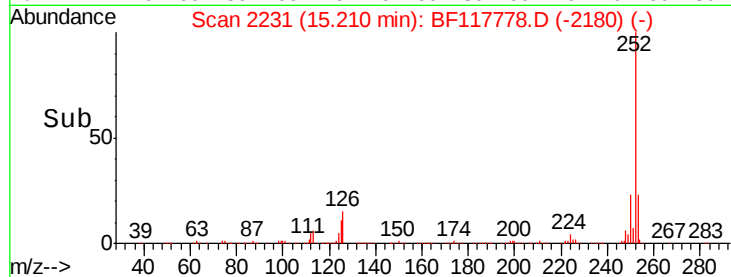
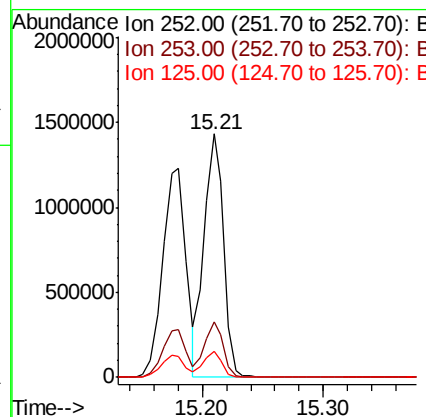
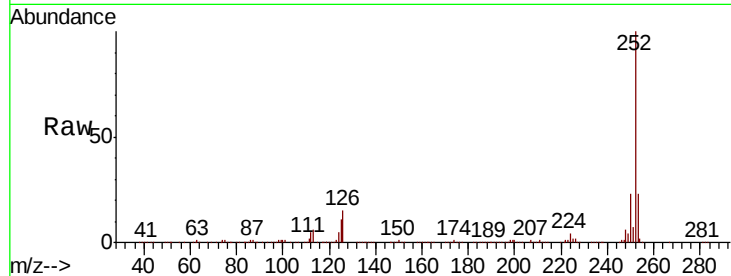




#89  
Benzo(k)fluoranthene  
Concen: 55.964 ng  
RT: 15.21 min Scan# 2231  
Delta R.T. 0.00 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

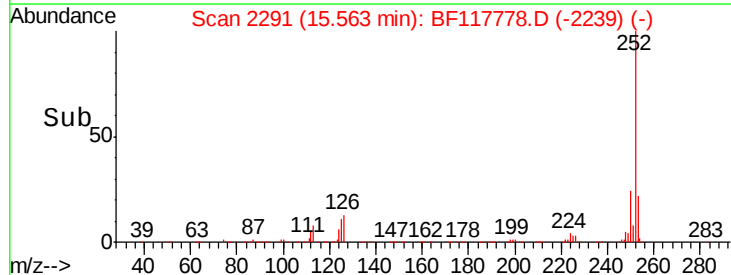
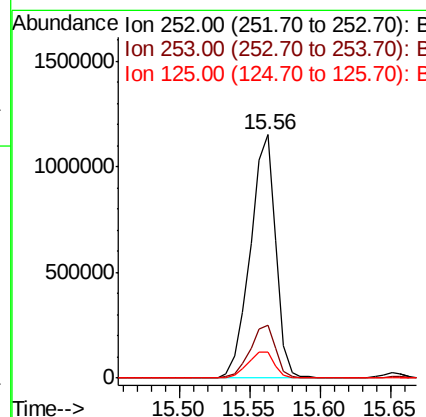
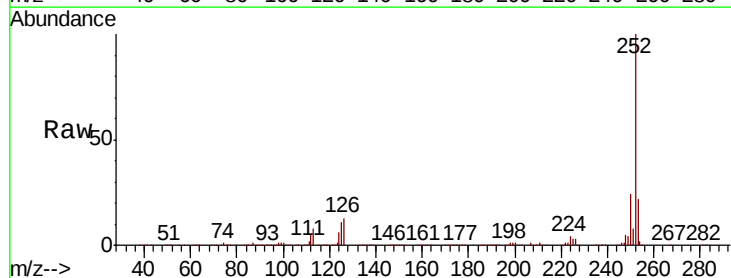
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

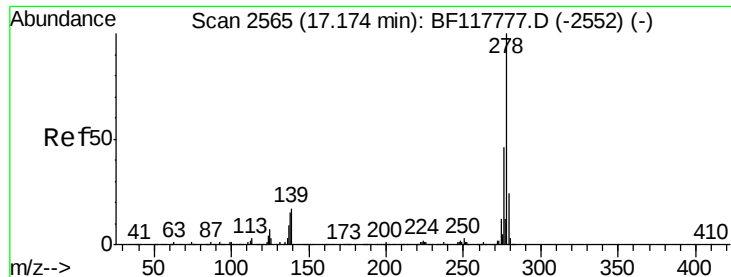
Tot Ion:252 Resp: 1595096  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.5 26.3  
125 10.6 7.9 11.9



#90  
Benzo(a)pyrene  
Concen: 52.531 ng  
RT: 15.56 min Scan# 2291  
Delta R.T. 0.01 min  
Lab File: BF117778.D  
Acq: 13 Nov 2019 16:23

Tgt Ion:252 Resp: 1455238  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.8 26.6  
125 10.7 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 50.987 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.01 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Instrument :

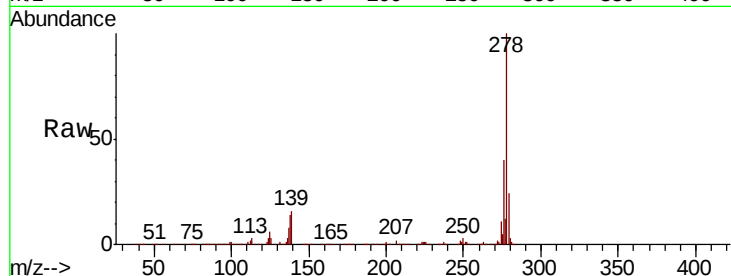
BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:278 Resp: 1266804

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.9  | 13.8  | 20.8  |
| 279 | 23.6  | 19.6  | 29.4  |

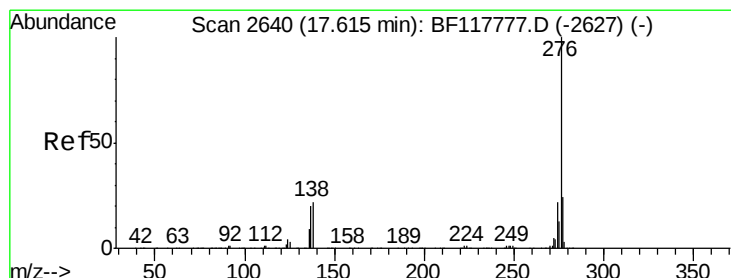
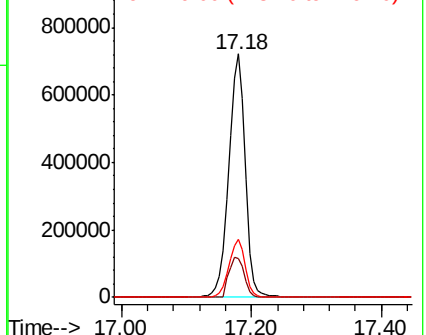
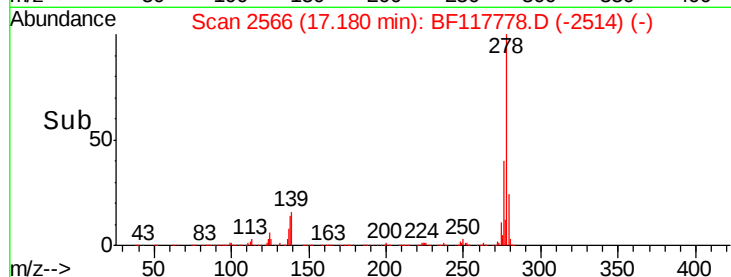


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.548 ng

RT: 17.63 min Scan# 2642

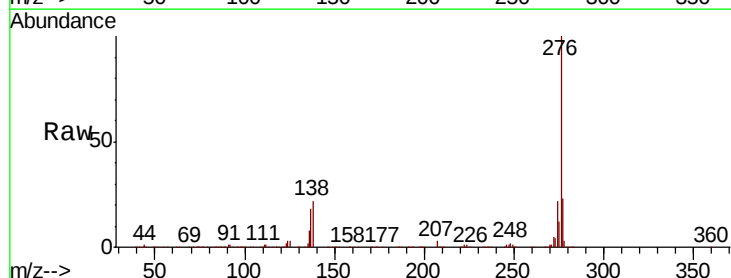
Delta R.T. 0.01 min

Lab File: BF117778.D

Acq: 13 Nov 2019 16:23

Tgt Ion:276 Resp: 1265278

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 22.7  | 18.9  | 28.3  |
| 138 | 22.4  | 17.4  | 26.2  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

