

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070120\  
 Data File : BF120755.D  
 Acq On : 1 Jul 2020 17:11  
 Operator : JU/CG  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Quant Time: Jul 01 17:32:40 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070120.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 01 16:25:01 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.67  | 152  | 162902   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.95  | 136  | 581894   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.70  | 164  | 294870   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.18 | 188  | 535042   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.82 | 240  | 327308   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.20 | 264  | 368991   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.32  | 112 | 1187865 | 125.02 | ng | 0.00 |
| 7) Phenol-d6             | 6.36  | 99  | 1472031 | 124.39 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.25  | 82  | 1506997 | 144.76 | ng | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.50 | 330 | 478111  | 139.46 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.03  | 172 | 2287979 | 118.72 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.77 | 244 | 2529110 | 170.68 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.27 | 88  | 313584  | 69.633 | ng | 99     |
| 3) Pyridine                    | 2.96 | 79  | 875608  | 69.165 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.95 | 42  | 354292  | 67.435 | ng | 98     |
| 6) Aniline                     | 6.35 | 93  | 962510  | 63.552 | ng | 96     |
| 8) 2-Chlorophenol              | 6.47 | 128 | 640887  | 59.688 | ng | 97     |
| 9) Benzaldehyde                | 6.22 | 77  | 353345  | 47.205 | ng | 95     |
| 10) Phenol                     | 6.37 | 94  | 820589  | 64.989 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.42 | 93  | 676716  | 64.344 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.61 | 146 | 799163  | 70.011 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.69 | 146 | 794700  | 70.562 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.85 | 146 | 652538  | 59.479 | ng | 98     |
| 15) Benzyl Alcohol             | 6.83 | 79  | 497807  | 59.316 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.95 | 45  | 977405  | 64.544 | ng | 96     |
| 17) 2-Methylphenol             | 6.96 | 107 | 628539  | 68.635 | ng | 98     |
| 18) Hexachloroethane           | 7.17 | 117 | 302085  | 72.792 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.10 | 70  | 497254  | 72.437 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 832273  | 72.729 | ng | 94     |
| 22) Acetophenone               | 7.09 | 105 | 1015985 | 78.097 | ng | # 99   |
| 24) Nitrobenzene               | 7.26 | 77  | 783940  | 71.961 | ng | 97     |
| 25) Isophorone                 | 7.50 | 82  | 1448203 | 71.416 | ng | 100    |
| 26) 2-Nitrophenol              | 7.57 | 139 | 434013  | 75.307 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.63 | 122 | 611633  | 72.077 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.71 | 93  | 893872  | 76.043 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.83 | 162 | 619346  | 71.802 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.89 | 180 | 677555  | 70.880 | ng | 99     |
| 31) Naphthalene                | 7.97 | 128 | 2009058 | 70.313 | ng | 99     |
| 32) Benzoic acid               | 7.81 | 122 | 540696  | 83.046 | ng | 99     |
| 33) 4-Chloroaniline            | 8.04 | 127 | 970660  | 74.012 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.09 | 225 | 410867  | 73.737 | ng | 99     |
| 35) Caprolactam                | 8.43 | 113 | 181433  | 65.765 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 8.54 | 107 | 639438  | 74.200 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.66 | 142 | 1337014 | 71.680 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.76 | 142 | 1282905 | 73.093 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.83 | 216 | 618302  | 70.225 | ng | 98     |

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 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

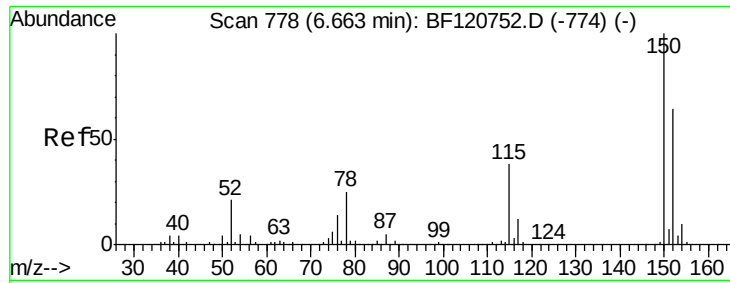
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Quant Time: Jul 01 17:32:40 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070120.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 01 16:25:01 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.82  | 237  | 372865   | 75.573 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 8.96  | 196  | 444684   | 71.199 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.00  | 196  | 475326   | 67.081 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 9.13  | 154  | 1496044  | 67.946 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.16  | 162  | 1262447  | 70.116 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.26  | 65   | 414056   | 73.221 | nq    | 92       |
| 49) Acenaphthylene             | 9.57  | 152  | 1893953  | 68.159 | nq    | 98       |
| 50) Dimethylphthalate          | 9.45  | 163  | 1587315  | 74.744 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.50  | 165  | 359098   | 74.613 | nq    | 96       |
| 52) Acenaphthene               | 9.74  | 154  | 1158819  | 69.924 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.67  | 138  | 444071   | 76.820 | nq    | 92       |
| 54) 2,4-Dinitrophenol          | 9.78  | 184  | 219661   | 85.138 | nq    | # 89     |
| 55) Dibenzofuran               | 9.91  | 168  | 1624978  | 63.948 | nq    | 97       |
| 56) 4-Nitrophenol              | 9.87  | 139  | 283238   | 65.057 | nq    | 94       |
| 57) 2,4-Dinitrotoluene         | 9.90  | 165  | 400972   | 62.786 | nq    | # 86     |
| 58) Fluorene                   | 10.25 | 166  | 1237661  | 63.181 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.04 | 232  | 391112   | 70.159 | nq    | 99       |
| 60) Diethylphthalate           | 10.14 | 149  | 1507445  | 72.073 | nq    | 97       |
| 61) 4-Chlorophenyl-phenylether | 10.25 | 204  | 613175   | 60.614 | nq    | 99       |
| 62) 4-Nitroaniline             | 10.30 | 138  | 417715   | 72.788 | nq    | 99       |
| 63) Azobenzene                 | 10.40 | 77   | 1379606  | 72.665 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.32 | 198  | 265977   | 82.847 | nq    | 92       |
| 66) n-Nitrosodiphenylamine     | 10.37 | 169  | 1215427  | 73.973 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.73 | 248  | 472042   | 77.737 | nq    | 96       |
| 68) Hexachlorobenzene          | 10.80 | 284  | 504820   | 77.324 | nq    | 99       |
| 69) Atrazine                   | 10.90 | 200  | 317702   | 62.485 | nq    | 99       |
| 70) Pentachlorophenol          | 11.00 | 266  | 237107   | 65.324 | nq    | 99       |
| 71) Phenanthrene               | 11.21 | 178  | 1883491  | 70.816 | nq    | 99       |
| 72) Anthracene                 | 11.26 | 178  | 1931069  | 72.031 | nq    | 98       |
| 73) Carbazole                  | 11.42 | 167  | 1933394  | 72.854 | nq    | 98       |
| 74) Di-n-butylphthalate        | 11.76 | 149  | 2185427  | 73.250 | nq    | 99       |
| 75) Fluoranthene               | 12.39 | 202  | 2139650  | 70.363 | nq    | 99       |
| 77) Benzidine                  | 12.52 | 184  | 717099   | 64.782 | nq    | 99       |
| 78) Pyrene                     | 12.62 | 202  | 2185302  | 94.247 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.24 | 149  | 926296   | 89.967 | nq    | 95       |
| 81) Benzo(a)anthracene         | 13.80 | 228  | 1525529  | 77.578 | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.78 | 252  | 595484   | 79.280 | nq    | 98       |
| 83) Chrysene                   | 13.85 | 228  | 1664727  | 82.532 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.81 | 149  | 1019124  | 81.105 | nq    | # 98     |
| 85) Di-n-octyl phthalate       | 14.42 | 149  | 2080541  | 86.759 | nq    | 98       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.55 | 276  | 1794798  | 79.964 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 14.83 | 252  | 1804044  | 82.077 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 14.85 | 252  | 1380695  | 70.989 | nq    | 100      |
| 90) Benzo(a)pyrene             | 15.16 | 252  | 1507313  | 76.625 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.56 | 278  | 1439367  | 79.971 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 16.95 | 276  | 1491909  | 82.235 | nq    | 97       |

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



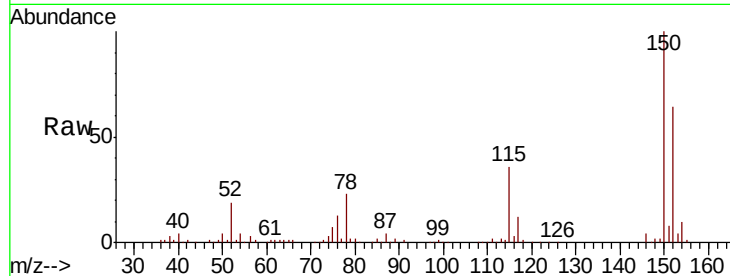


#1

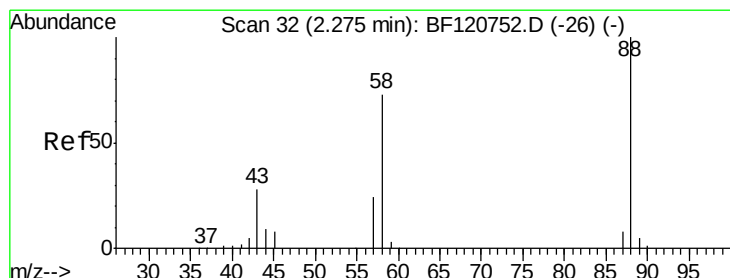
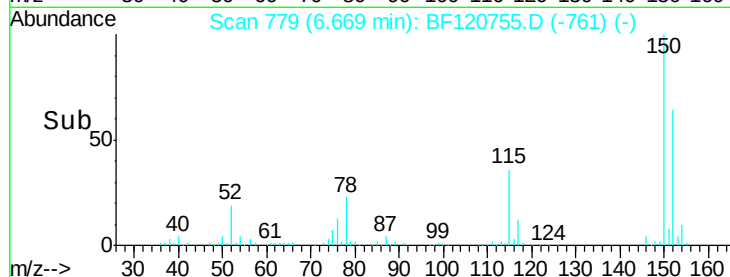
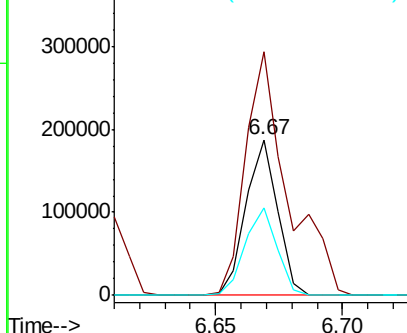
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.67 min Scan# 779  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:152 Resp: 162902  
Ion Ratio Lower Upper  
152 100  
150 156.1 124.7 187.1  
115 56.4 47.0 70.4



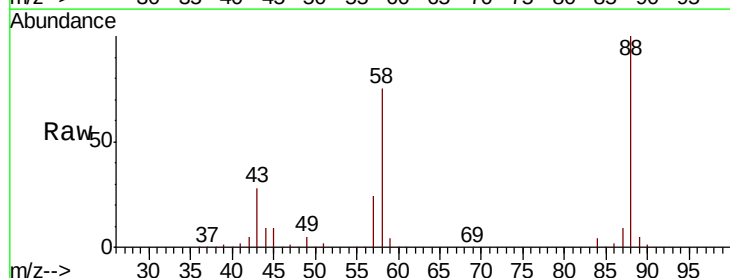
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



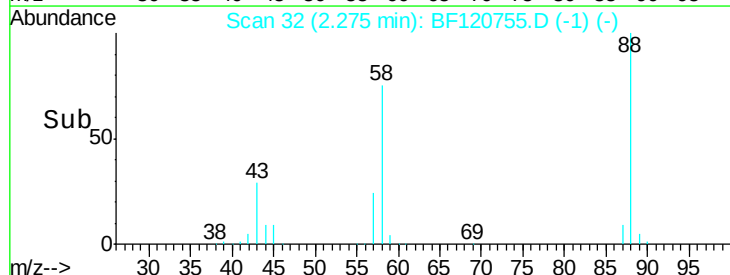
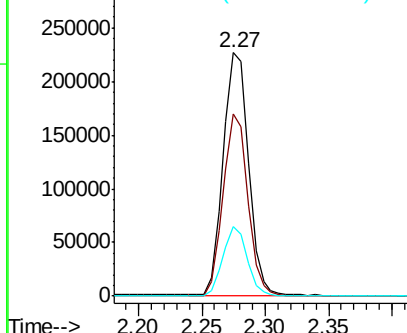
#2

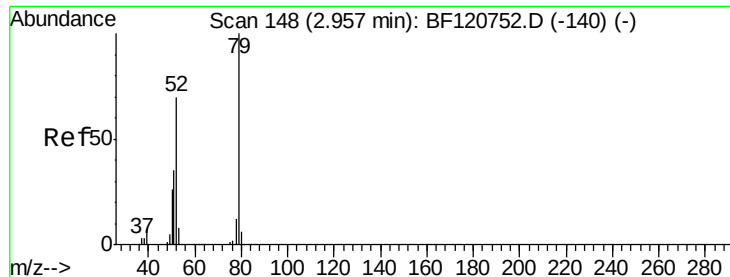
1,4-Dioxane  
Concen: 69.633 ng  
RT: 2.27 min Scan# 32  
Delta R.T. -0.00 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Tgt Ion: 88 Resp: 313584  
Ion Ratio Lower Upper  
88 100  
58 73.3 57.5 86.3  
43 27.5 21.9 32.9



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: 69.165 ng

RT: 2.96 min Scan# 149

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

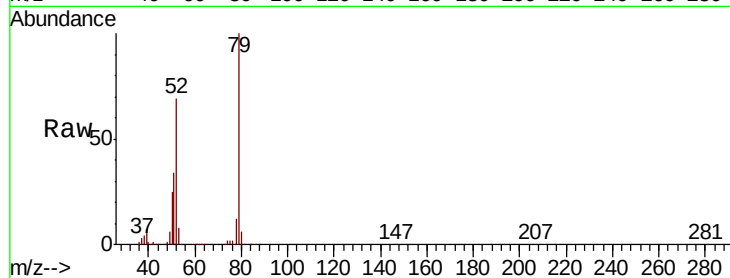
Tot Ion: 79 Resp: 875608

Ion Ratio Lower Upper

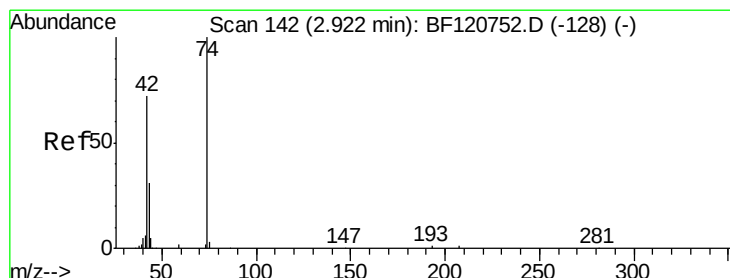
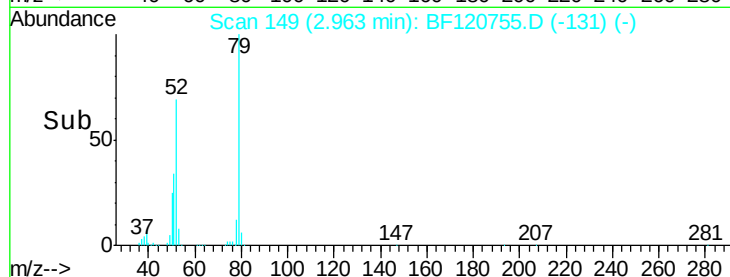
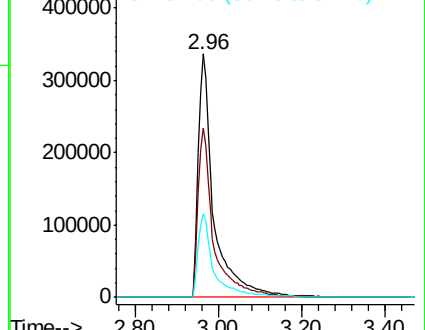
79 100

52 69.4 56.2 84.4

51 34.3 28.2 42.2



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: 67.435 ng

RT: 2.95 min Scan# 146

Delta R.T. 0.02 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

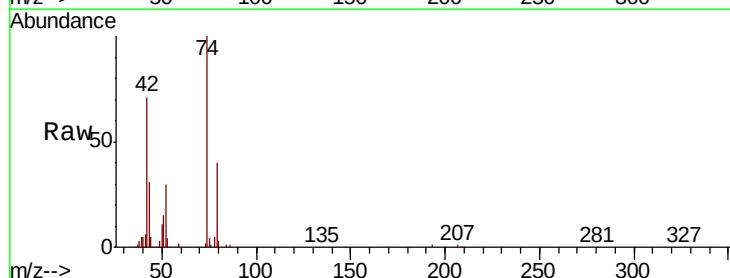
Tgt Ion: 42 Resp: 354292

Ion Ratio Lower Upper

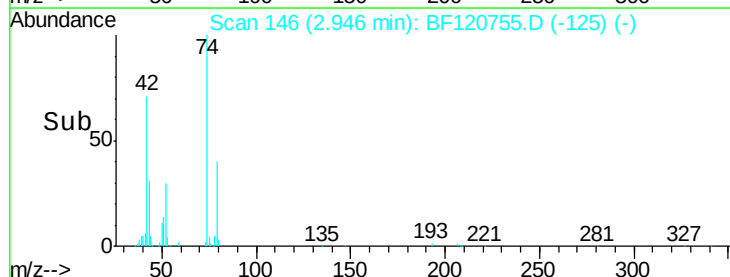
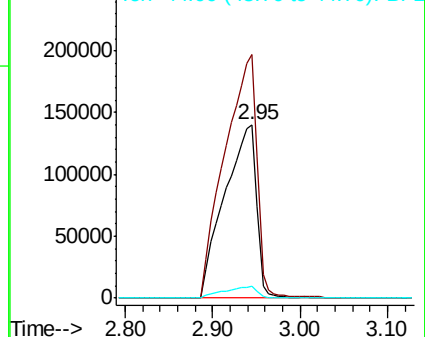
42 100

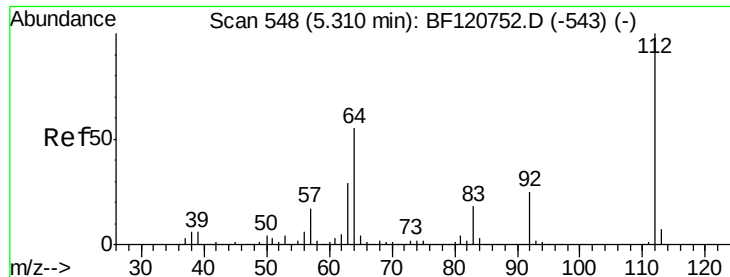
74 140.4 110.4 165.6

44 6.9 5.2 7.8



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: 125.016 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

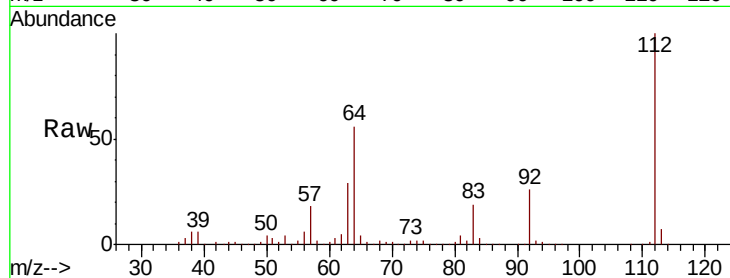
Tot Ion:112 Resp: 1187865

Ion Ratio Lower Upper

112 100

64 55.9 44.3 66.5

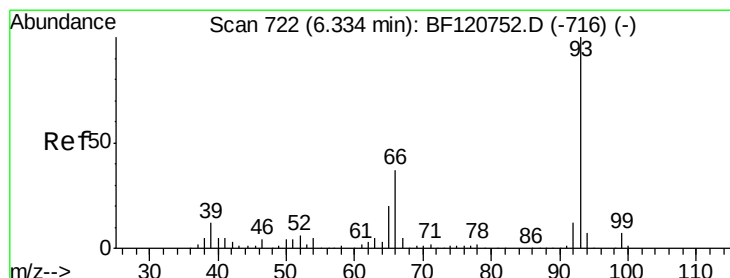
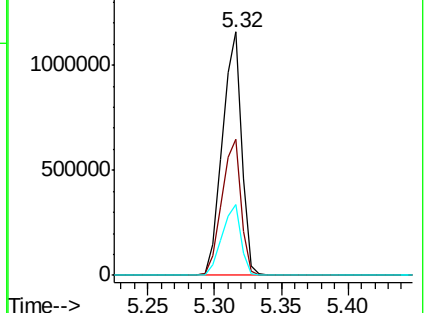
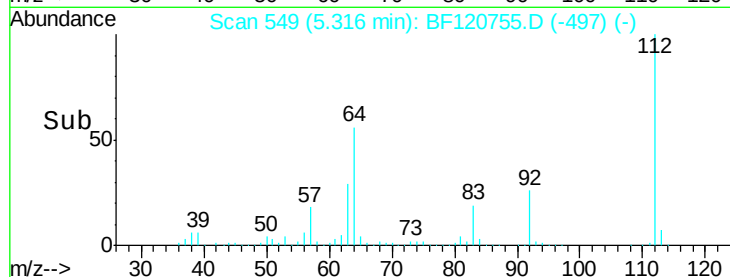
63 29.1 23.1 34.7



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: 63.552 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

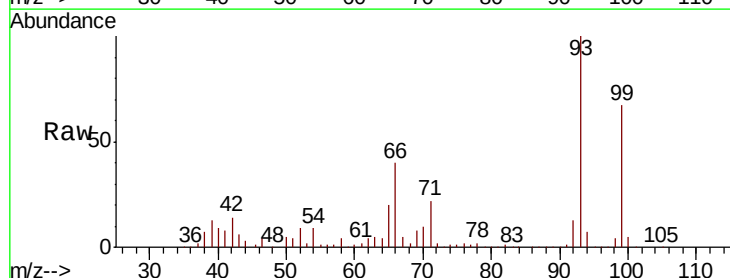
Tgt Ion: 93 Resp: 962510

Ion Ratio Lower Upper

93 100

66 40.3 29.8 44.6

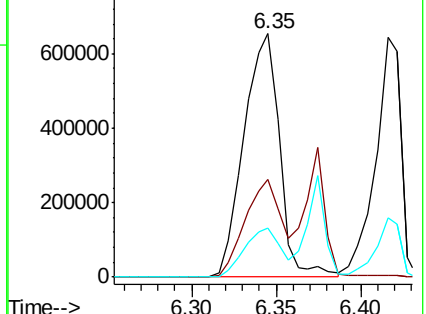
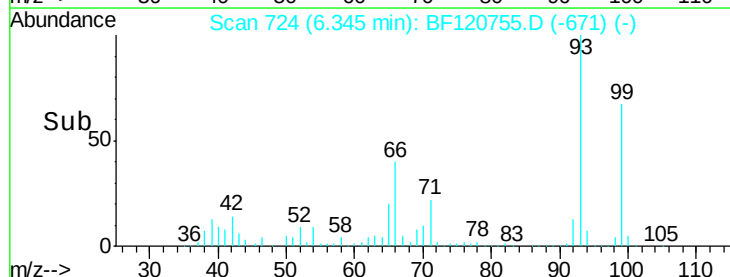
65 20.2 15.7 23.5

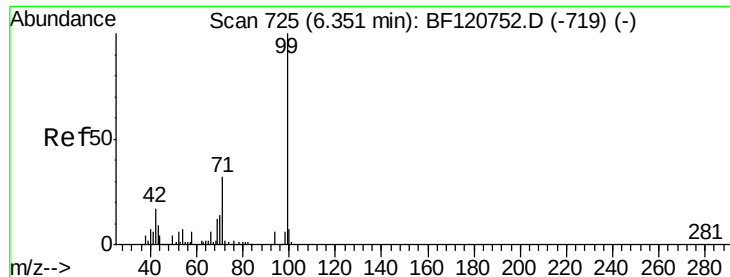


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.387 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

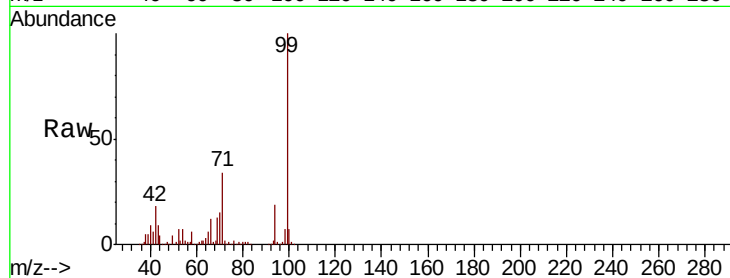
Tot Ion: 99 Resp: 1472031

Ion Ratio Lower Upper

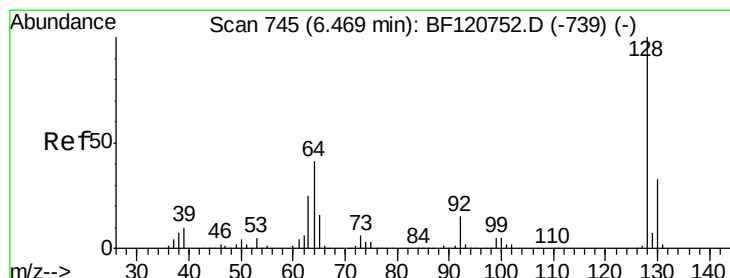
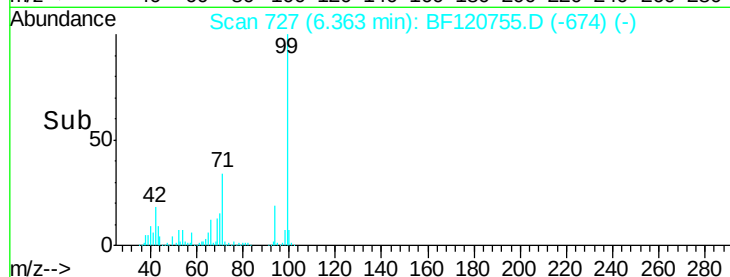
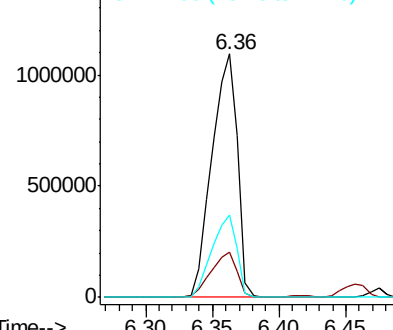
99 100

42 18.4 13.9 20.9

71 33.6 25.7 38.5



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: 59.688 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

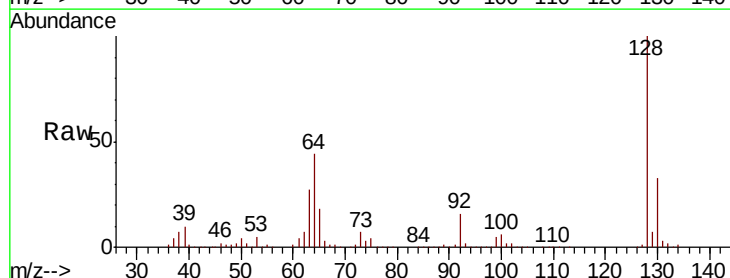
Tgt Ion: 128 Resp: 640887

Ion Ratio Lower Upper

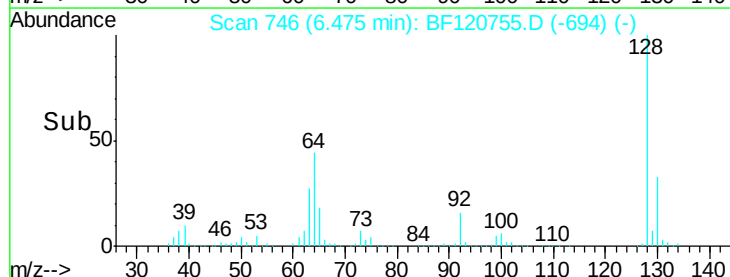
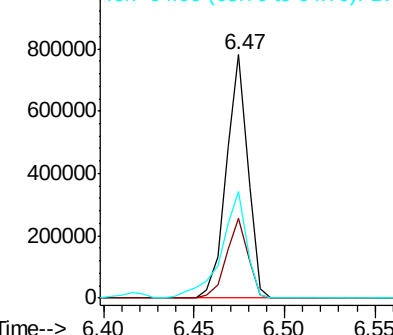
128 100

130 32.8 12.8 52.8

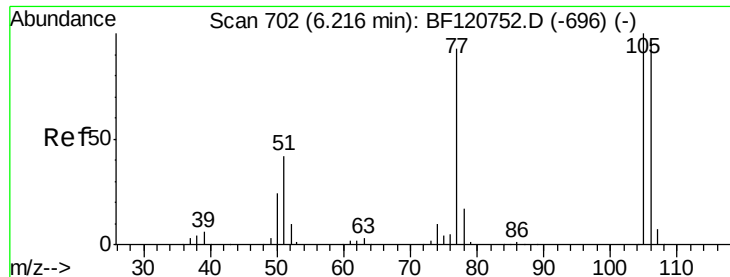
64 44.0 21.1 61.1



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: 47.205 ng

RT: 6.22 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

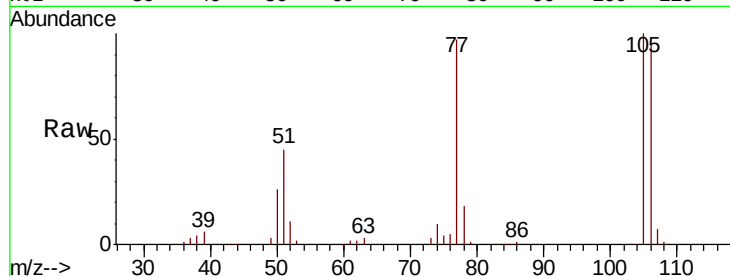
Tot Ion: 77 Resp: 353345

Ion Ratio Lower Upper

77 100

105 103.6 87.5 127.5

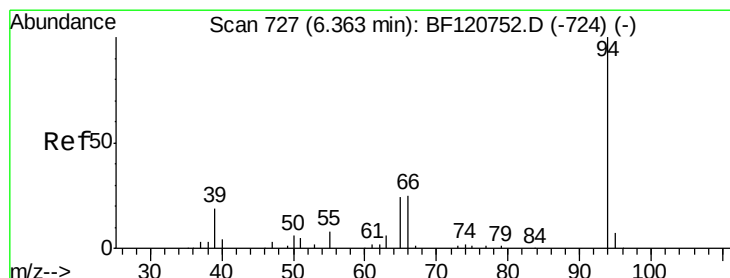
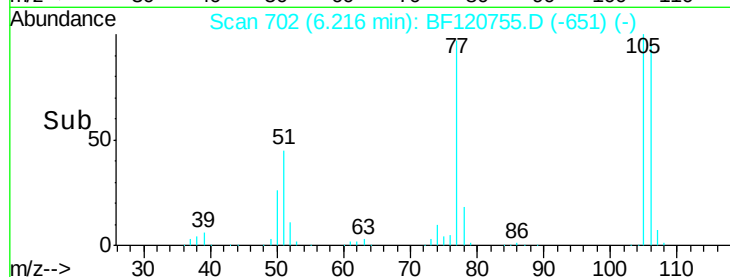
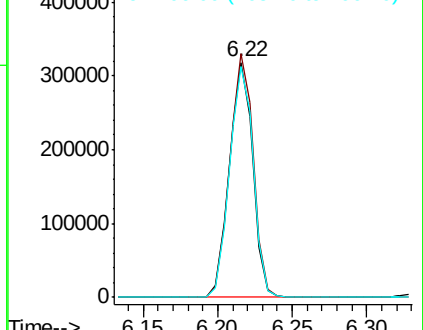
106 97.9 83.7 123.7



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: 64.989 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

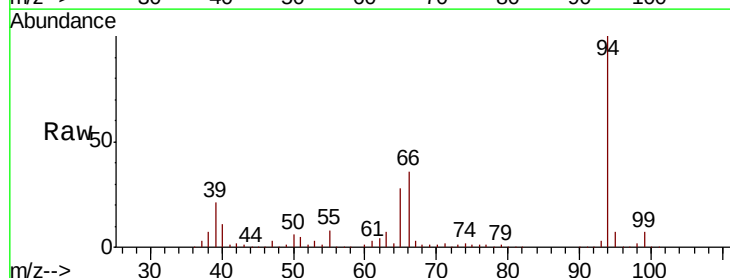
Tgt Ion: 94 Resp: 820589

Ion Ratio Lower Upper

94 100

65 28.2 7.5 47.5

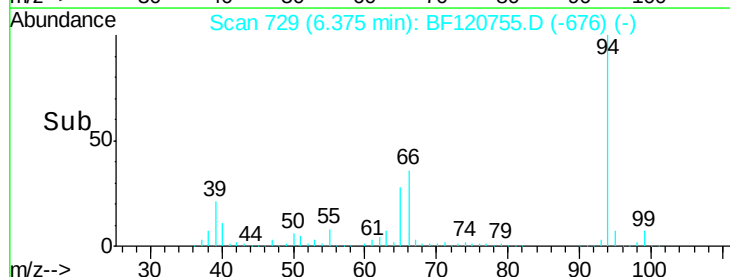
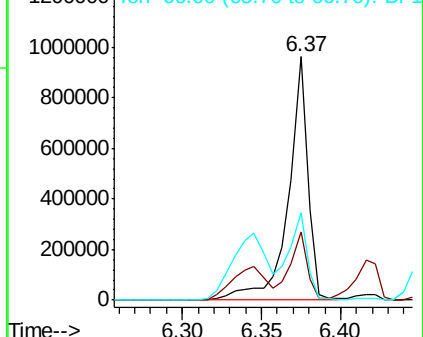
66 36.1 15.4 55.4



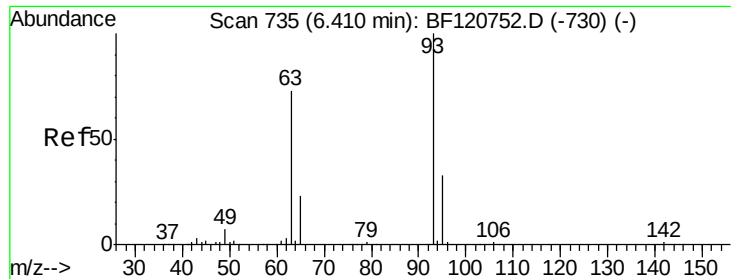
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







#11

bis(2-Chloroethyl)ether

Concen: 64.344 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

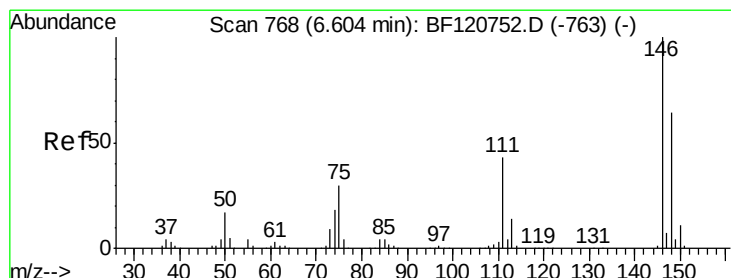
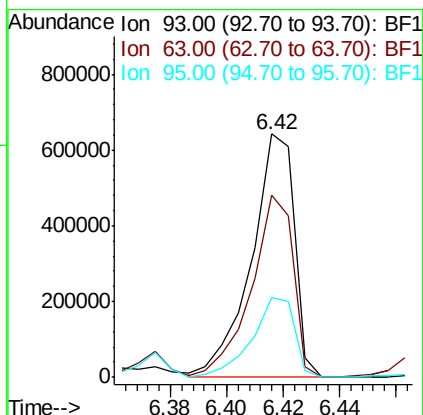
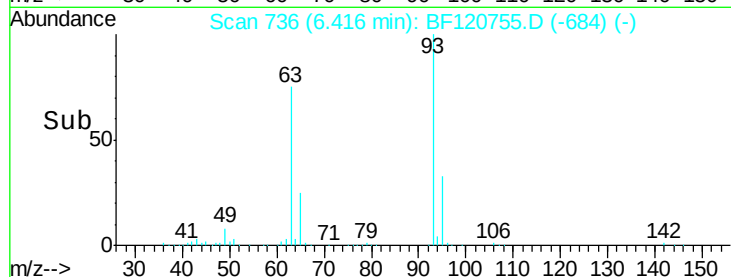
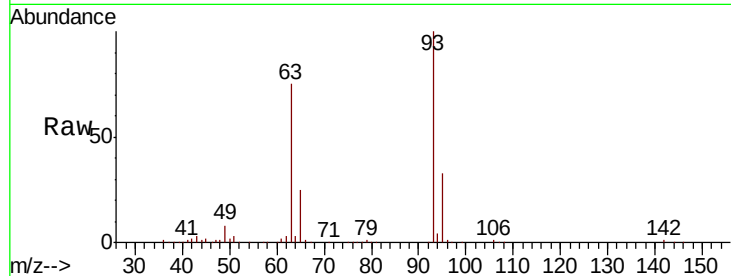
Tot Ion: 93 Resp: 676716

Ion Ratio Lower Upper

93 100

63 74.7 52.7 92.7

95 32.6 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 70.011 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

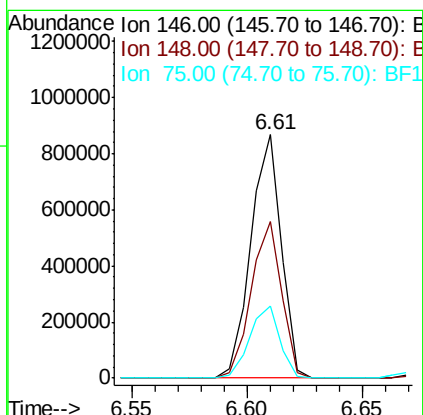
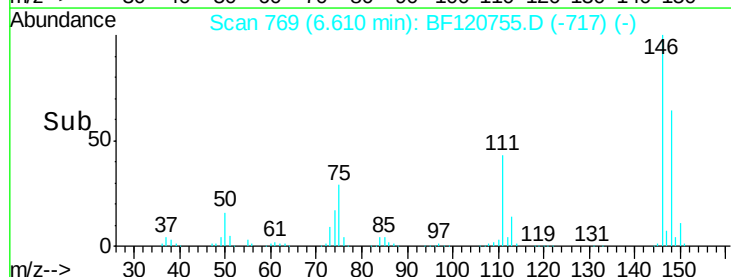
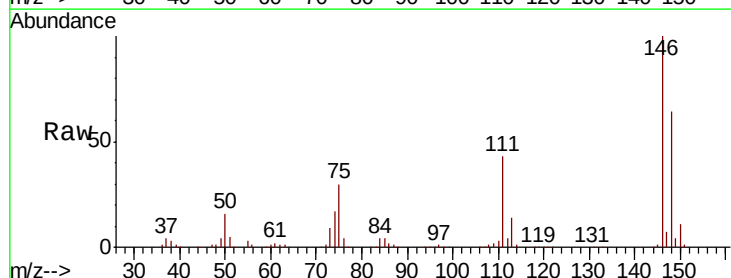
Tgt Ion: 146 Resp: 799163

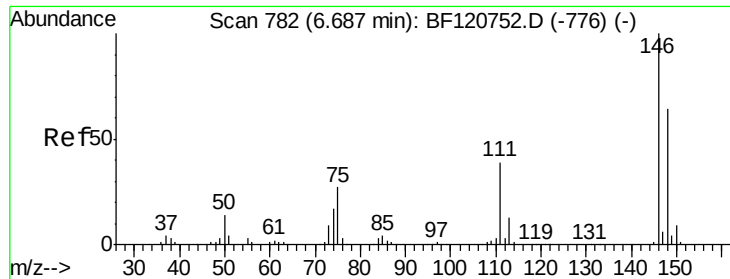
Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

75 29.6 24.2 36.4

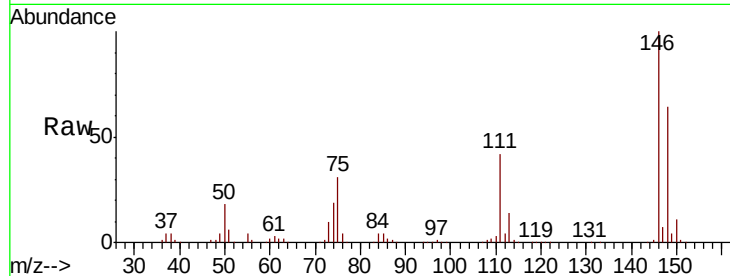




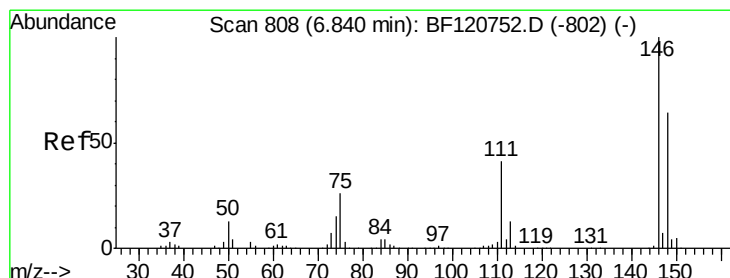
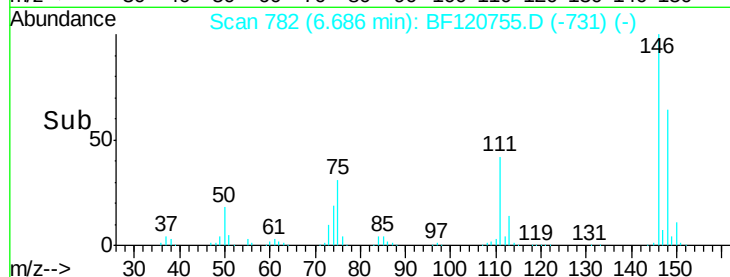
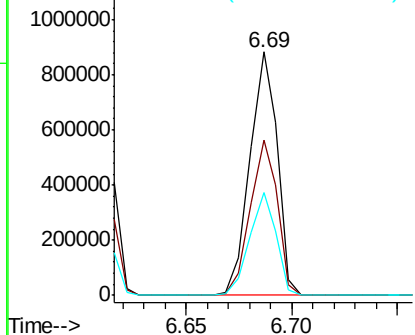
#13  
 1,4-Dichlorobenzene  
 Concen: 70.562 ng  
 RT: 6.69 min Scan# 782  
 Delta R.T. -0.00 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 51.1  | 76.7  |
| 111     | 42.5  | 31.1  | 46.7  |

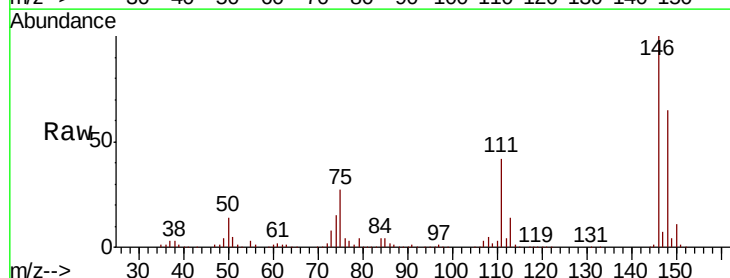


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

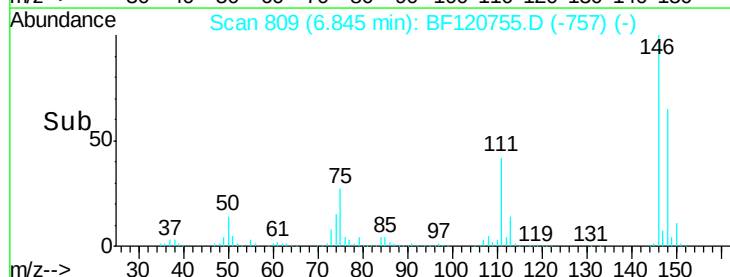
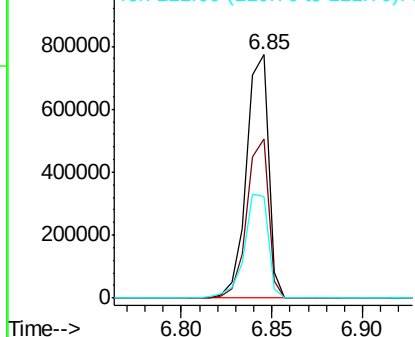


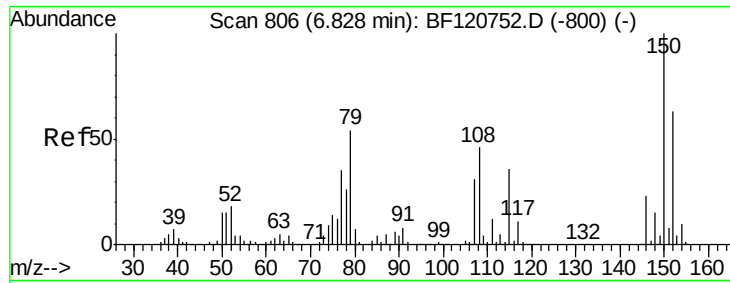
#14  
 1,2-Dichlorobenzene  
 Concen: 59.479 ng  
 RT: 6.85 min Scan# 809  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.3  | 51.3  | 76.9  |
| 111     | 41.9  | 32.6  | 49.0  |



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

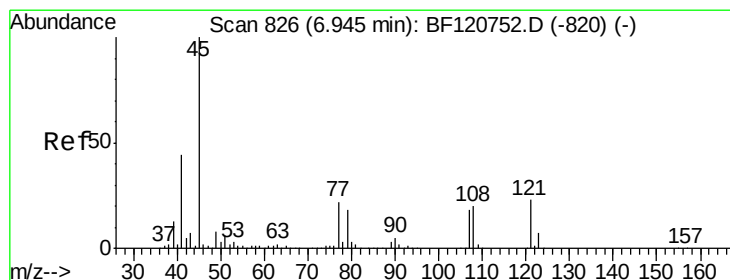
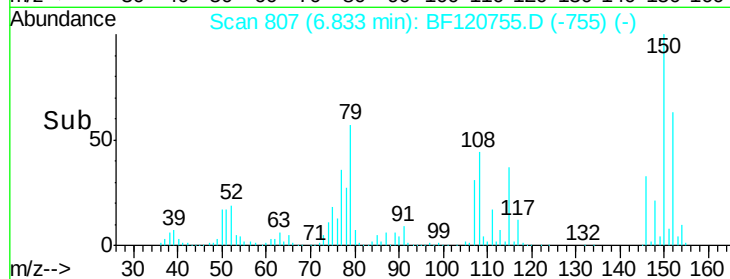
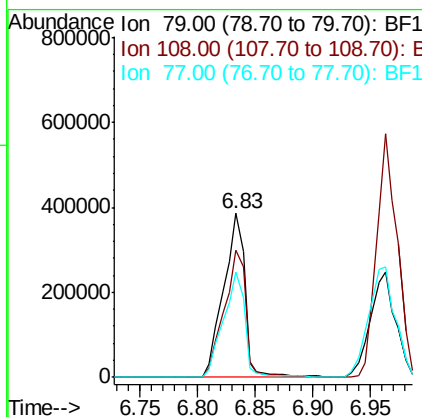
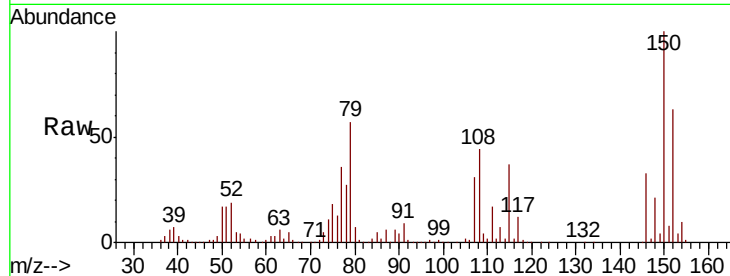




#15  
Benzyl Alcohol  
Concen: 59.316 ng  
RT: 6.83 min Scan# 807  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

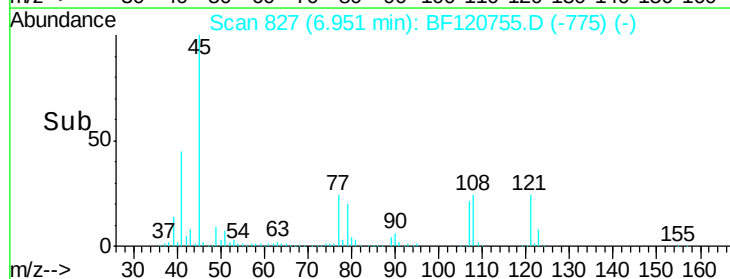
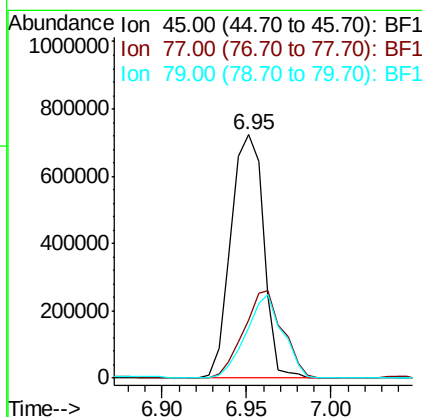
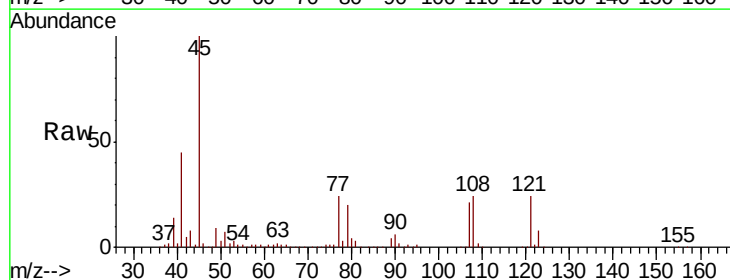
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

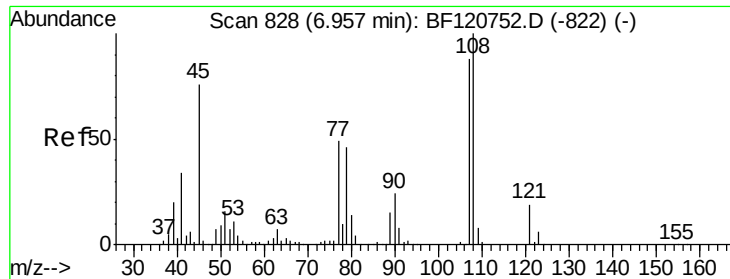
Tot Ion: 79 Resp: 497807  
Ion Ratio Lower Upper  
79 100  
108 77.6 67.5 101.3  
77 64.3 51.8 77.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 64.544 ng  
RT: 6.95 min Scan# 827  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Tgt Ion: 45 Resp: 977405  
Ion Ratio Lower Upper  
45 100  
77 23.8 2.2 42.2  
79 20.4 0.0 38.7

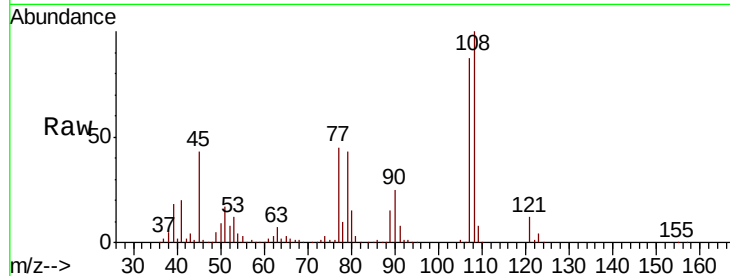




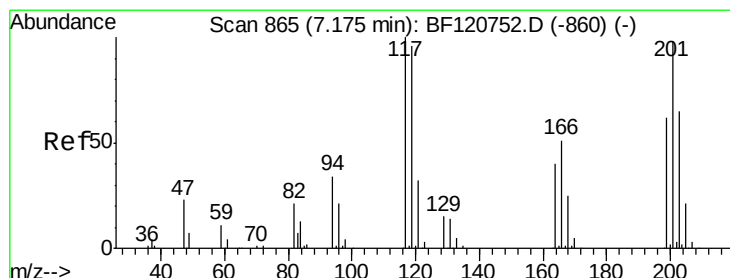
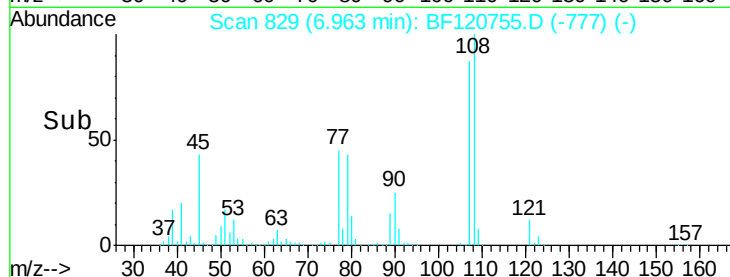
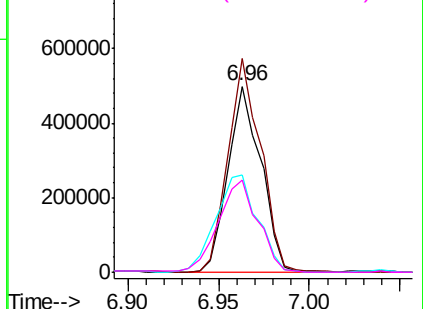
#17  
2-Methylphenol  
Concen: 68.635 ng  
RT: 6.96 min Scan# 829  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:107 Resp: 628539  
Ion Ratio Lower Upper  
107 100  
108 114.9 91.4 137.2  
77 52.2 44.6 67.0  
79 49.7 41.9 62.9

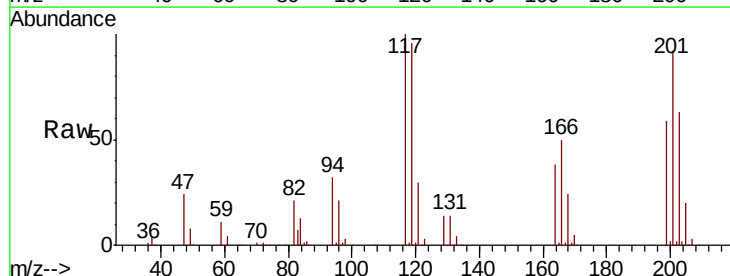


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

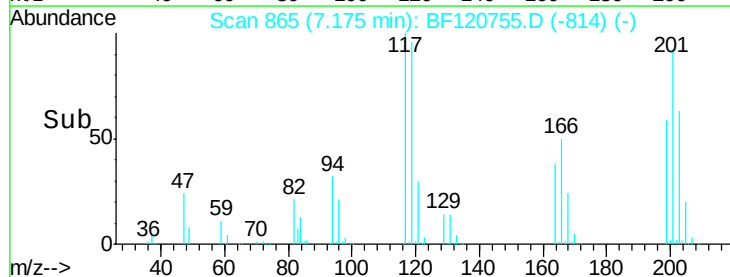
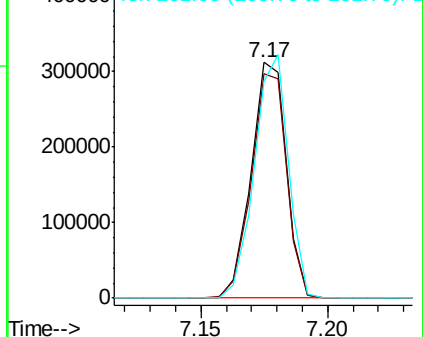


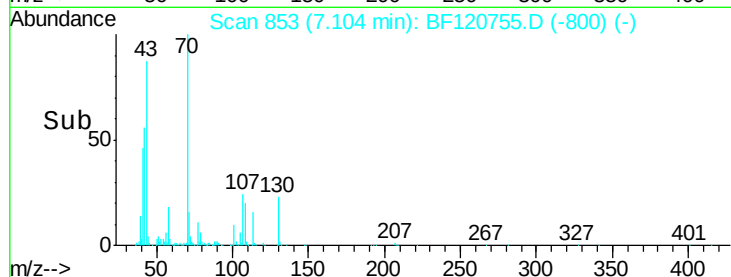
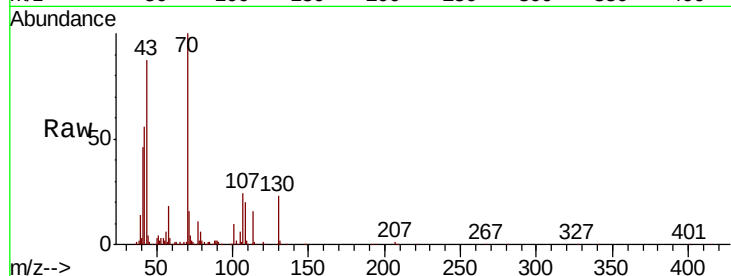
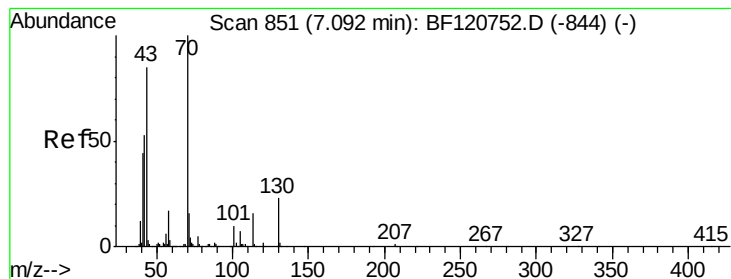
#18  
Hexachloroethane  
Concen: 72.792 ng  
RT: 7.17 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Tgt Ion:117 Resp: 302085  
Ion Ratio Lower Upper  
117 100  
119 95.6 77.0 115.6  
201 92.2 78.8 118.2



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: 72.437 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion: 70 Resp: 497254

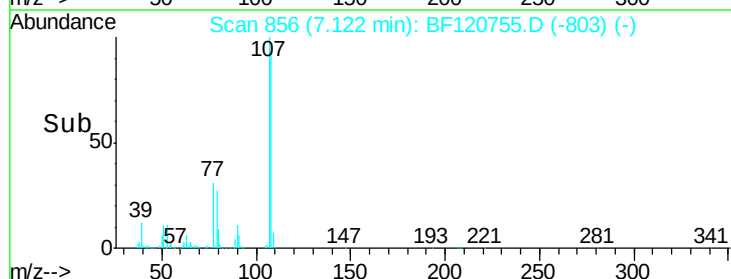
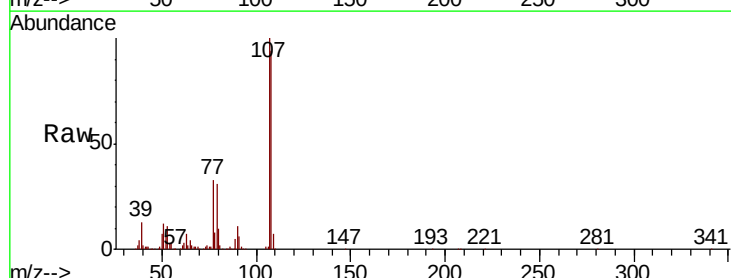
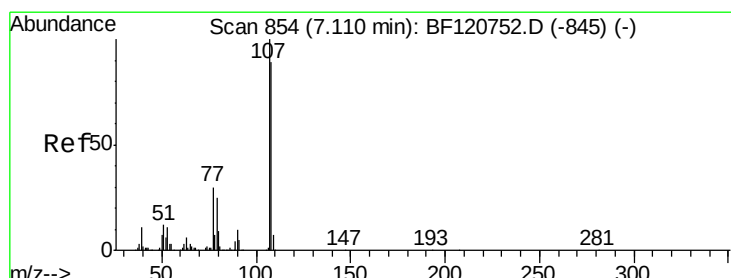
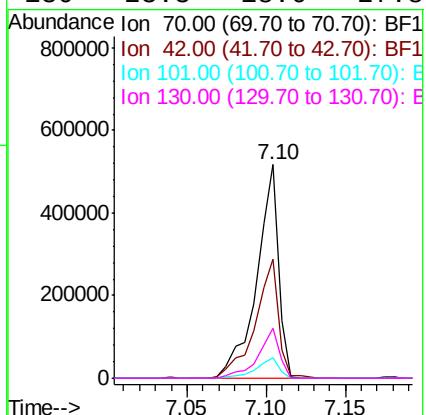
Ion Ratio Lower Upper

70 100

42 55.6 42.6 64.0

101 9.9 8.0 12.0

130 23.3 18.6 27.8



#20

3+4-Methylphenols

Concen: 72.729 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Tgt Ion: 107 Resp: 832273

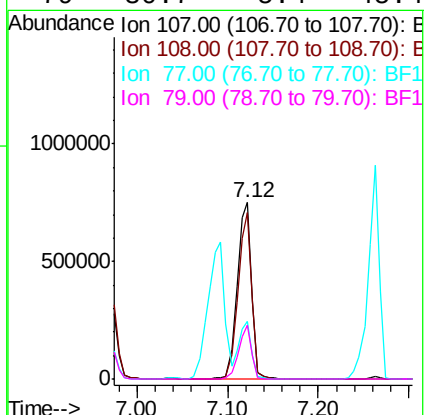
Ion Ratio Lower Upper

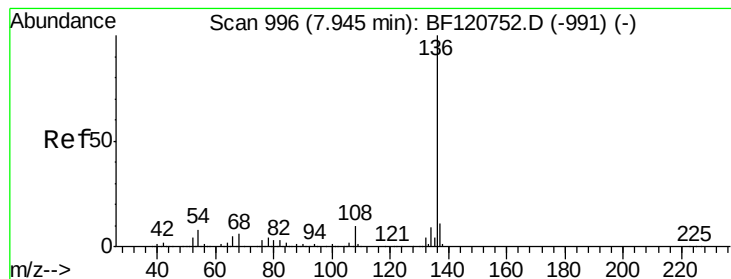
107 100

108 94.5 69.5 109.5

77 32.6 10.8 50.8

79 30.7 5.4 45.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:136 Resp: 581894

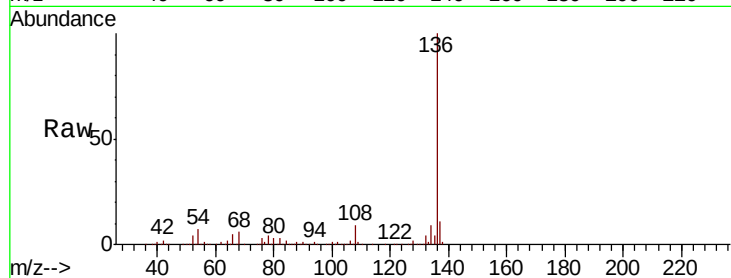
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.3 6.1 9.1

68 5.8 4.8 7.2

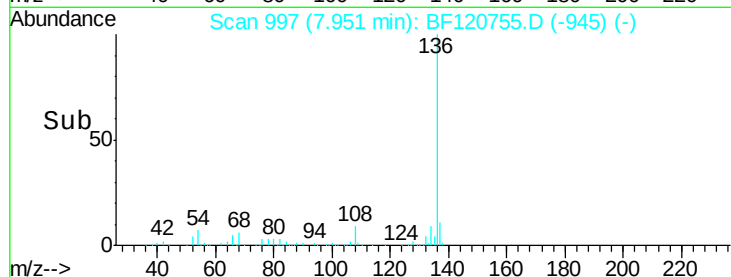


Abundance Ion 136.00 (135.70 to 136.70): E

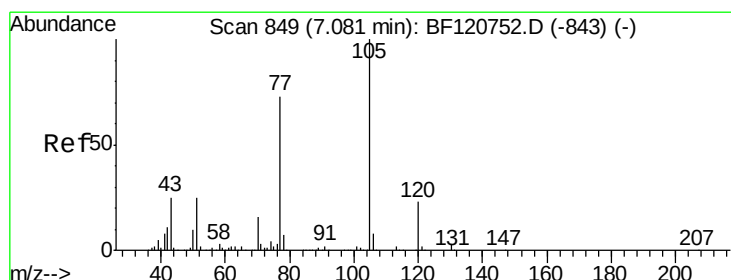
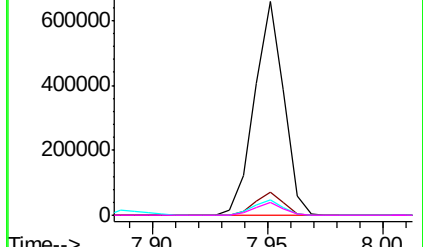
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 78.097 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Tgt Ion:105 Resp: 1015985

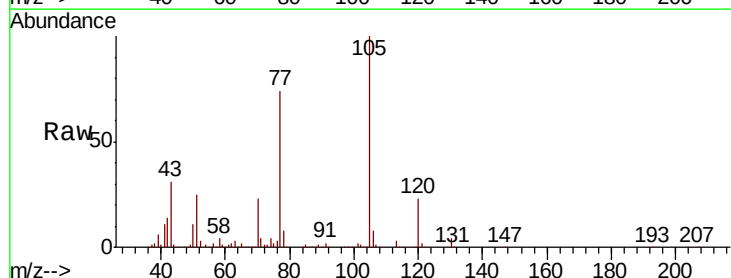
Ion Ratio Lower Upper

105 100

71 3.8 2.3 3.5#

51 25.4 19.8 29.6

120 23.3 18.3 27.5

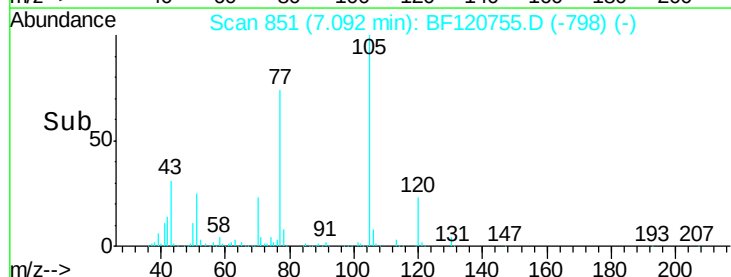


Abundance Ion 105.00 (104.70 to 105.70): E

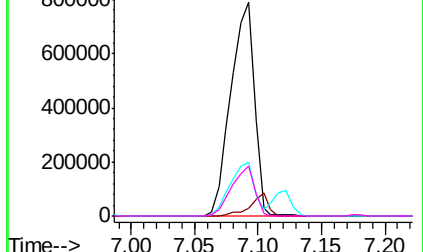
Ion 71.00 (70.70 to 71.70): BF1

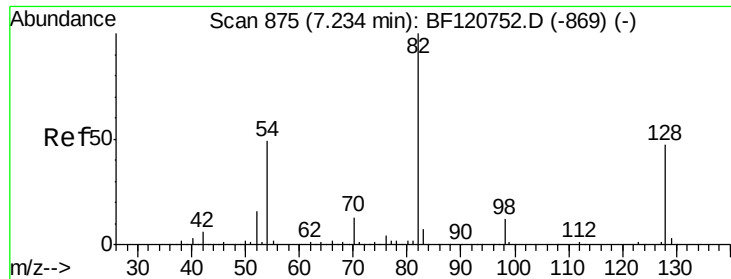
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->



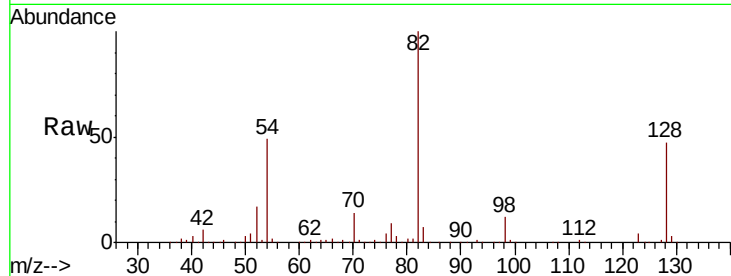


#23  
 Nitrobenzene-d5  
 Concen: 144.762 ng  
 RT: 7.25 min Scan# 877  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

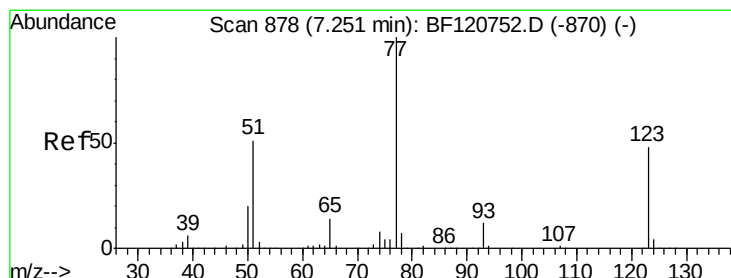
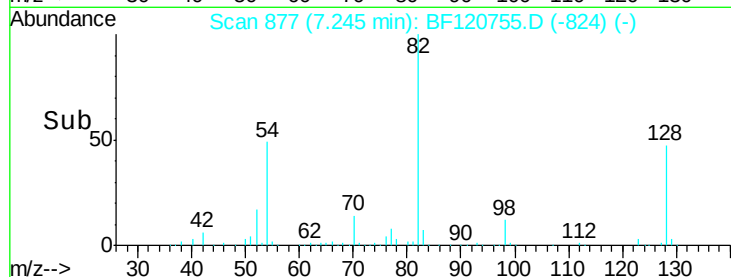
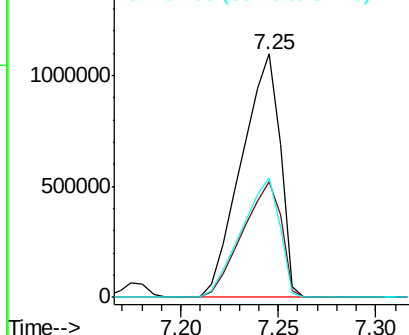
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tot Ion: 82 Resp: 1506997  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.5  | 37.3  | 55.9  |
| 54  | 48.9  | 39.0  | 58.6  |



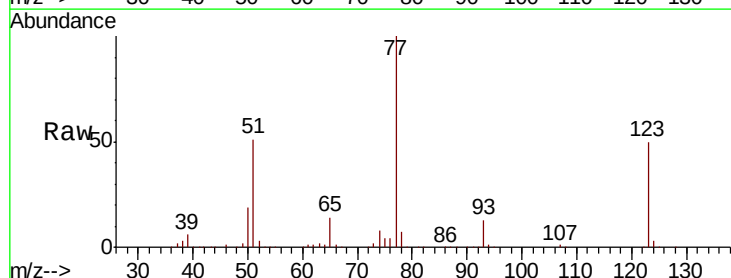
Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1



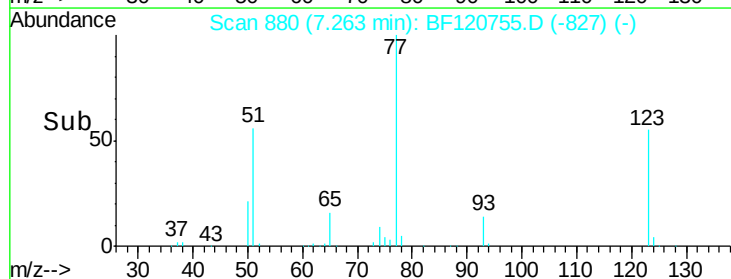
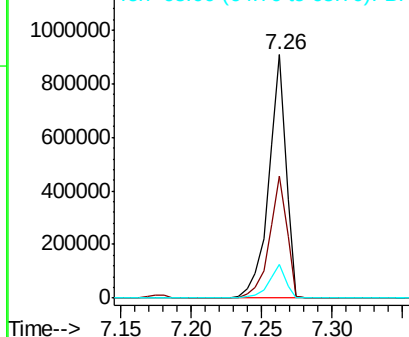
#24  
 Nitrobenzene  
 Concen: 71.961 ng  
 RT: 7.26 min Scan# 880  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

Tgt Ion: 77 Resp: 783940  

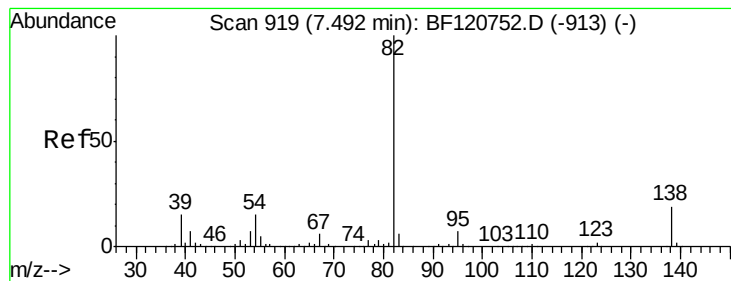
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 50.2  | 38.2  | 57.2  |
| 65  | 13.7  | 10.9  | 16.3  |



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







#25

Isophorone

Concen: 71.416 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

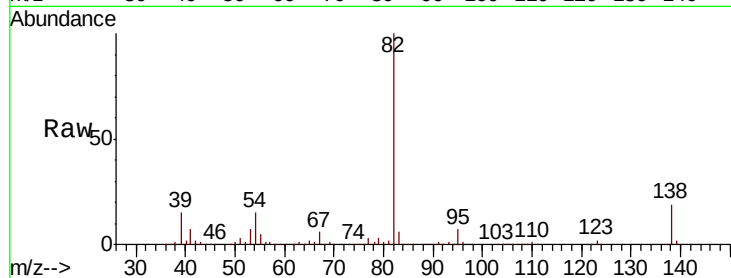
Tot Ion: 82 Resp: 1448203

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

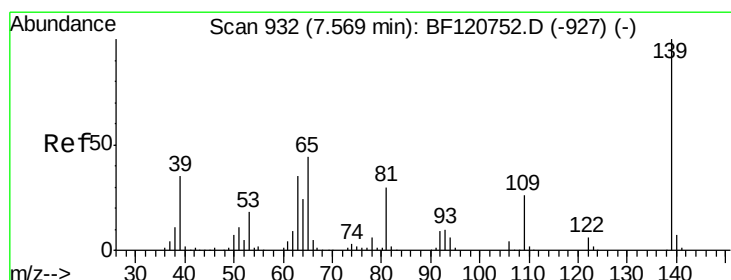
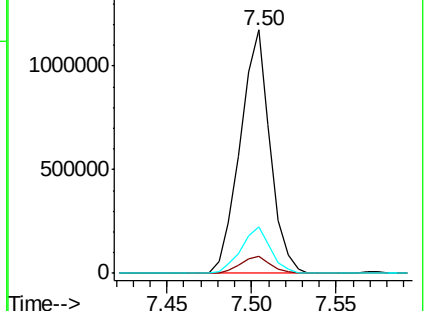
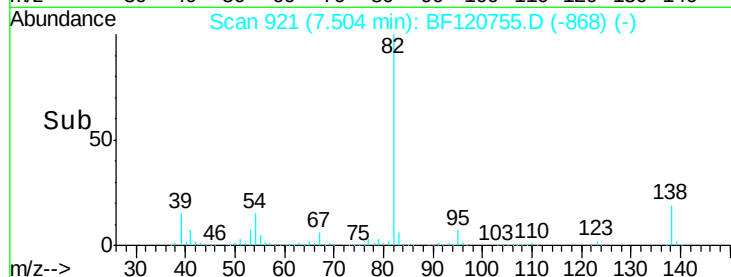
138 19.3 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 75.307 ng

RT: 7.57 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

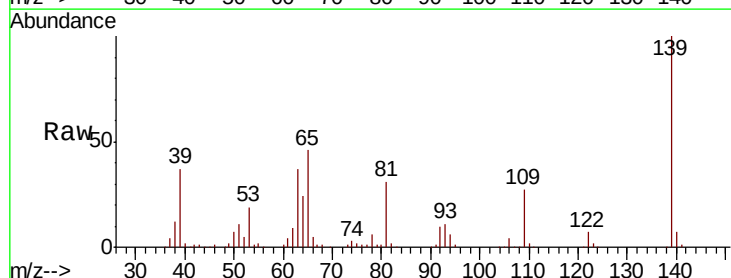
Tgt Ion: 139 Resp: 434013

Ion Ratio Lower Upper

139 100

109 27.5 20.8 31.2

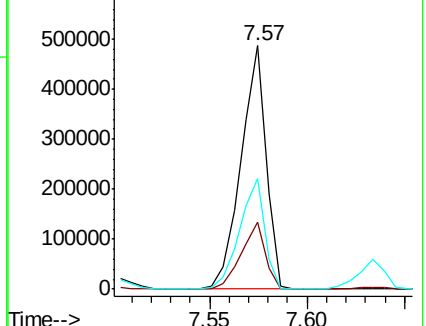
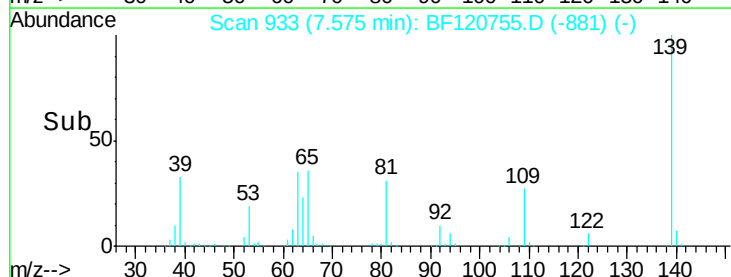
65 45.6 35.6 53.4

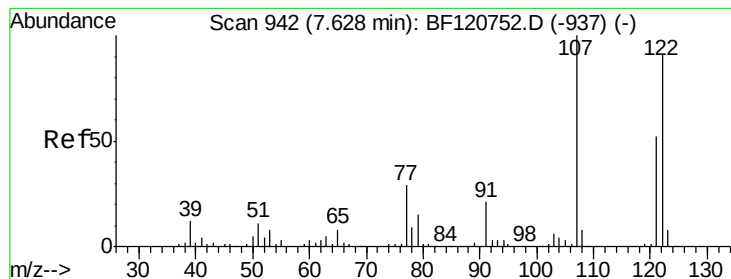


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 72.077 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

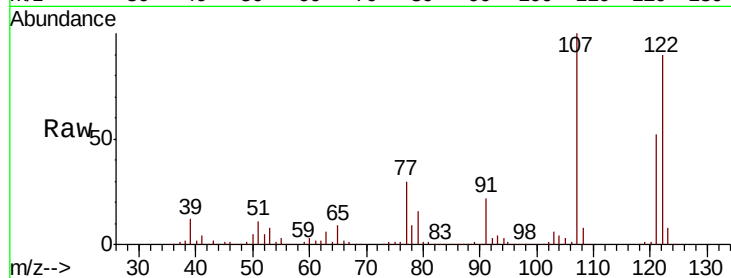
Tot Ion:122 Resp: 611633

Ion Ratio Lower Upper

122 100

107 111.7 87.9 131.9

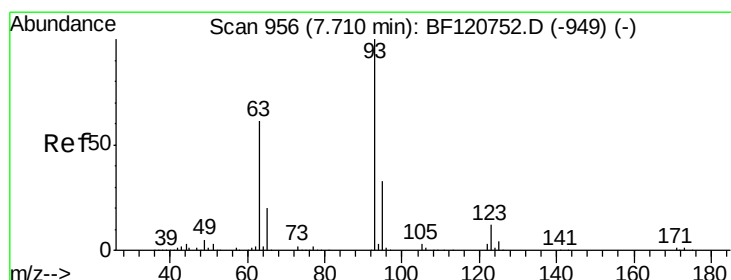
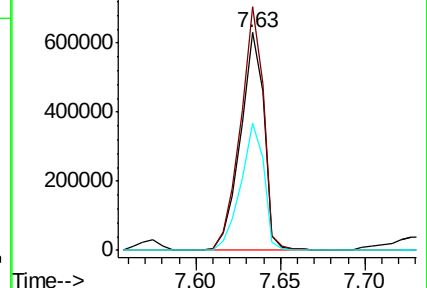
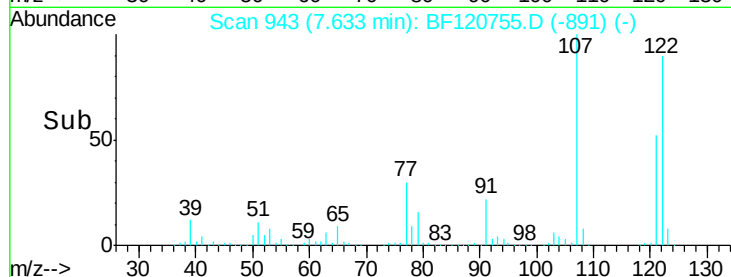
121 58.5 45.4 68.0



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: 76.043 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

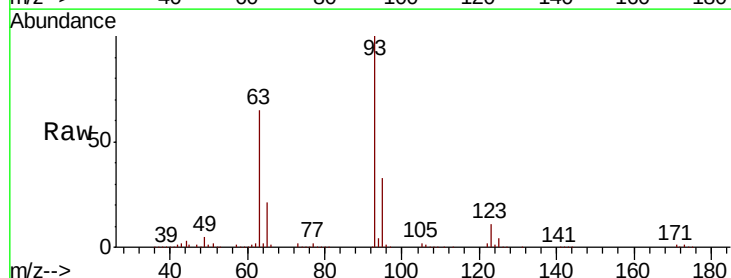
Tgt Ion: 93 Resp: 893872

Ion Ratio Lower Upper

93 100

95 33.3 26.7 40.1

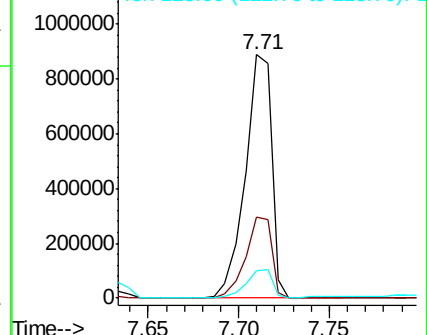
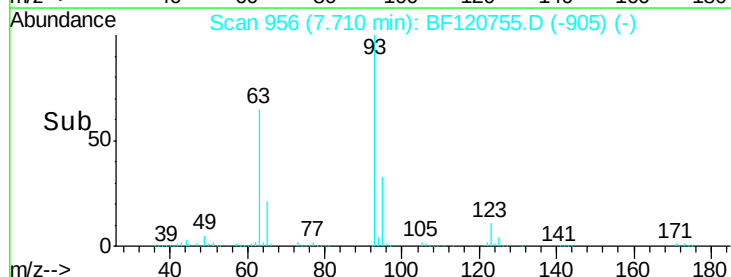
123 11.3 9.7 14.5

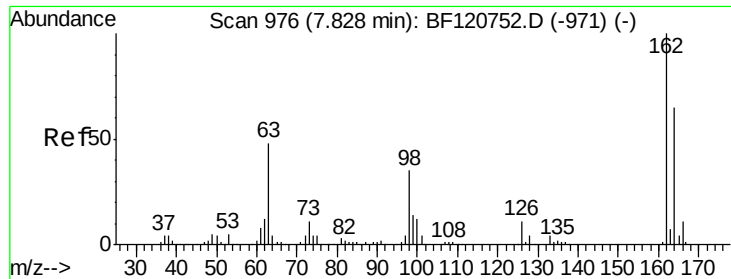


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

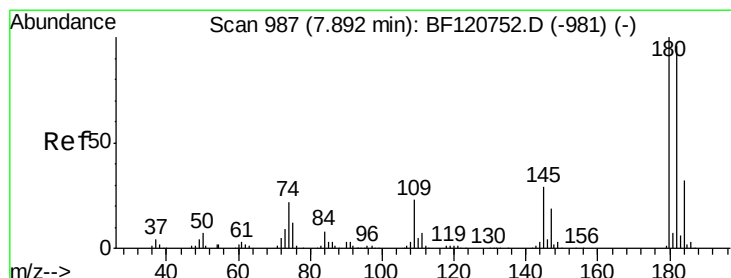
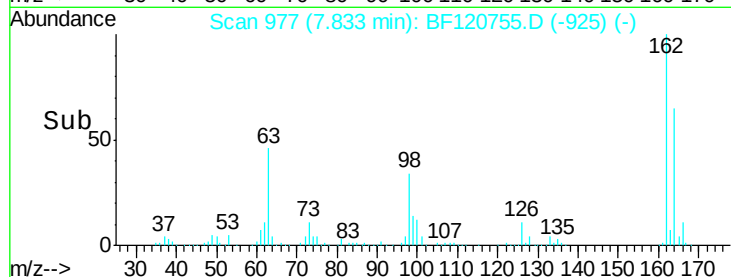
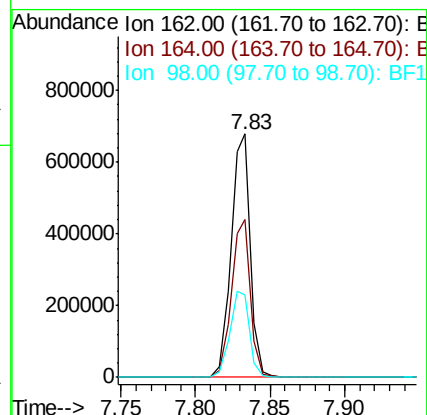
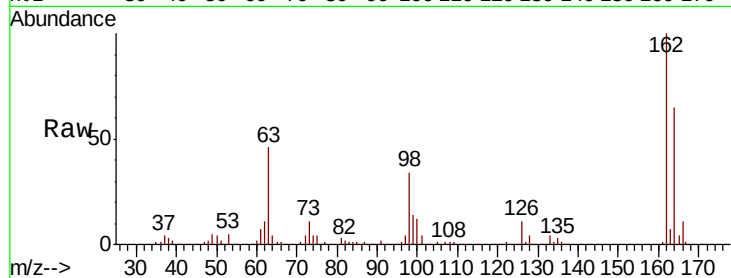




#29  
 2,4-Dichlorophenol  
 Concen: 71.802 ng  
 RT: 7.83 min Scan# 977  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

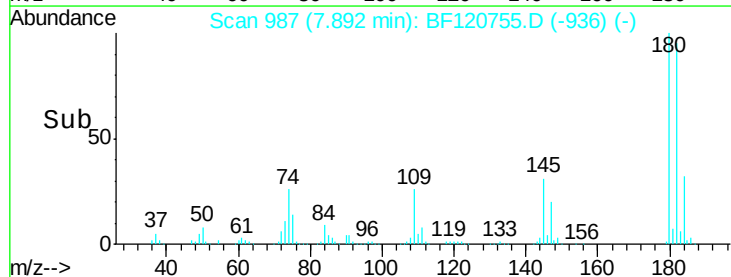
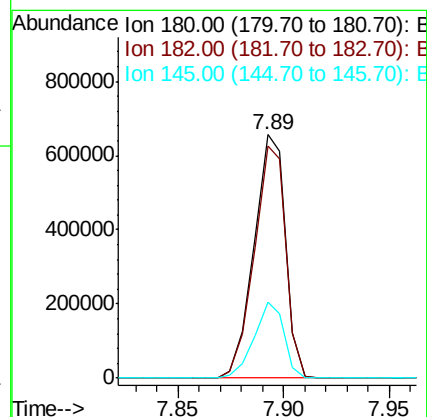
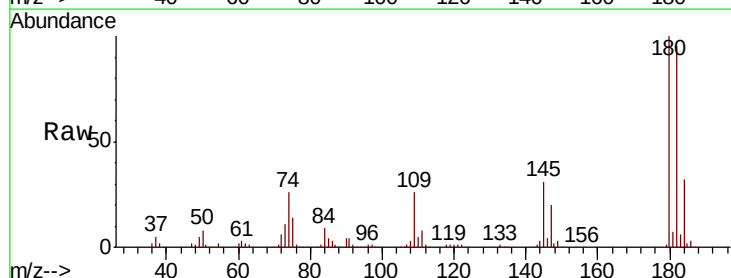
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

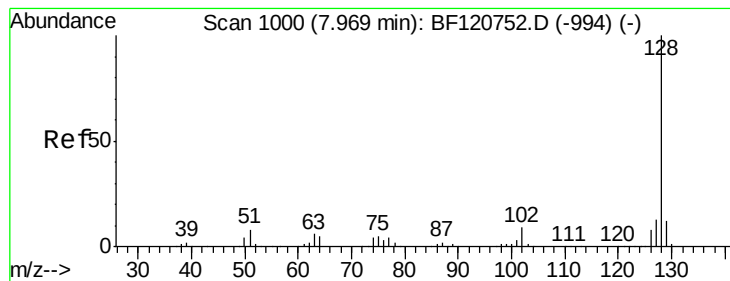
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.7  | 45.4  | 85.4  |
| 98      | 33.9  | 14.7  | 54.7  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 70.880 ng  
 RT: 7.89 min Scan# 987  
 Delta R.T. -0.00 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 76.4  | 114.6 |
| 145     | 31.4  | 23.0  | 34.4  |





#31

Naphthalene

Concen: 70.313 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

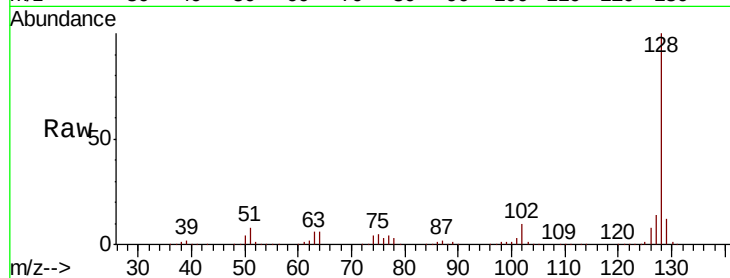
Tot Ion:128 Resp: 2009058

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.0

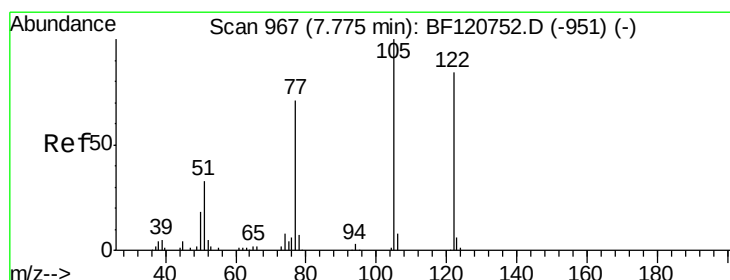
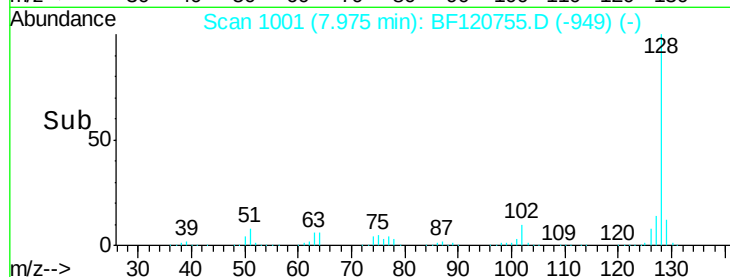
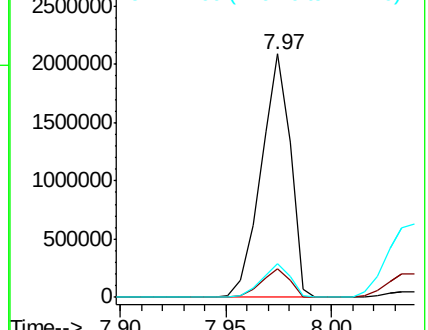
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 83.046 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.04 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

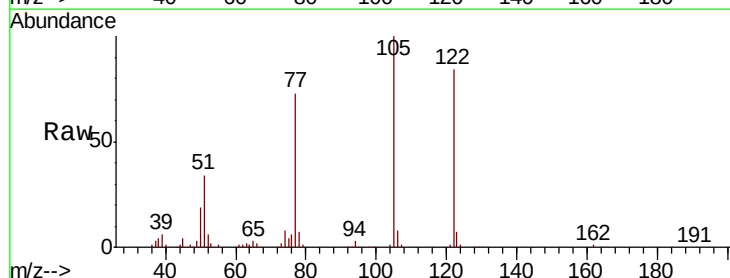
Tgt Ion:122 Resp: 540696

Ion Ratio Lower Upper

122 100

105 119.1 99.1 139.1

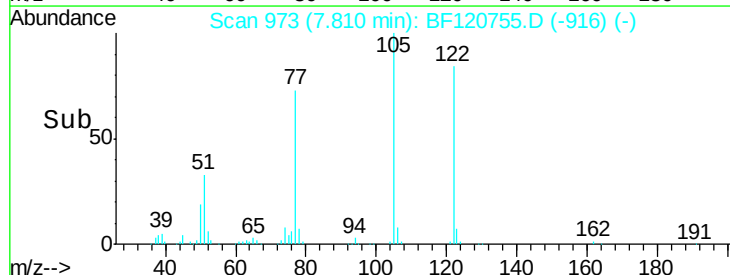
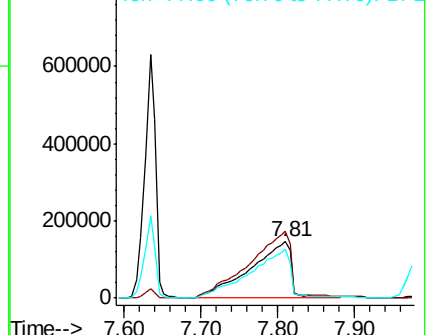
77 87.2 64.7 104.7

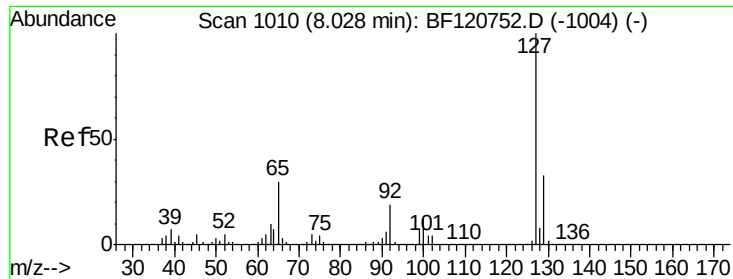


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

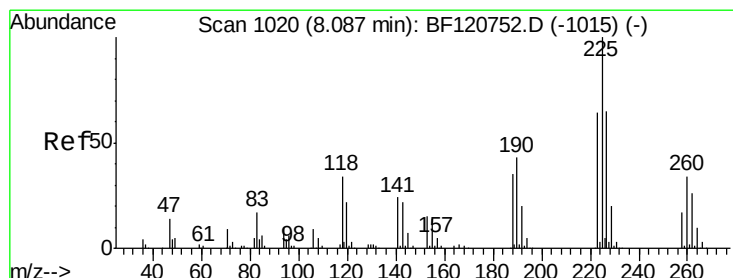
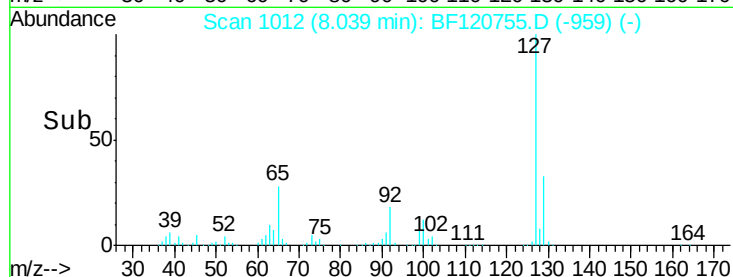
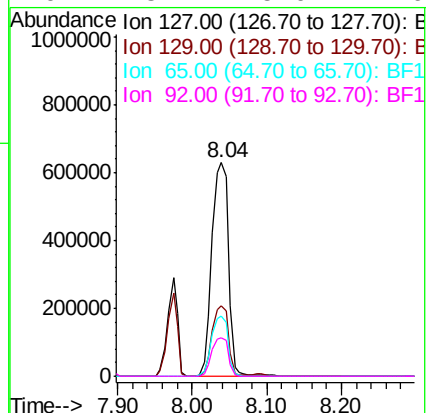
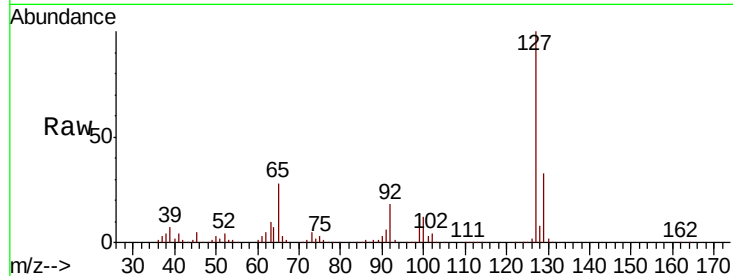




#33  
4-Chloroaniline  
Concen: 74.012 ng  
RT: 8.04 min Scan# 1012  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

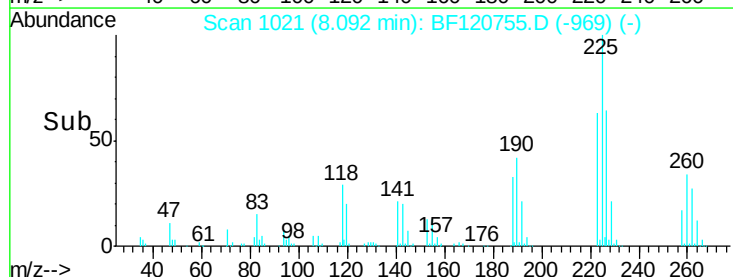
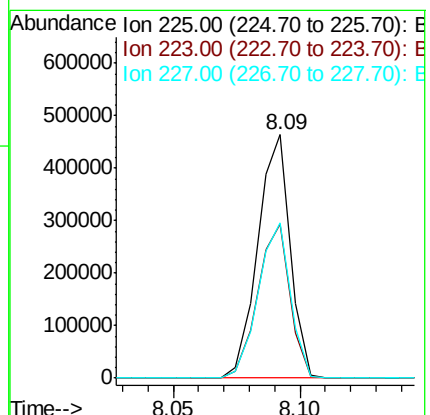
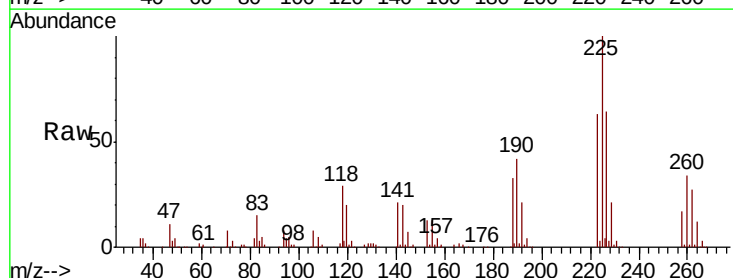
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

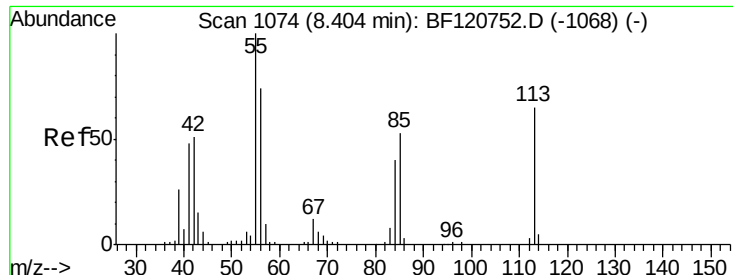
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 970660 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 26.3  | 39.5   |
| 65       | 28.0  | 23.6  | 35.4   |
| 92       | 18.1  | 15.0  | 22.6   |



#34  
Hexachlorobutadiene  
Concen: 73.737 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 410867 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.4  | 51.2  | 76.8   |
| 227      | 63.9  | 52.4  | 78.6   |

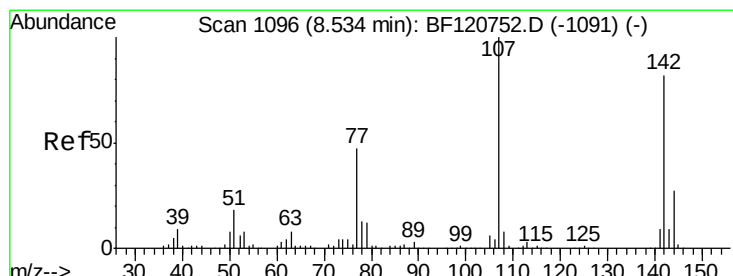
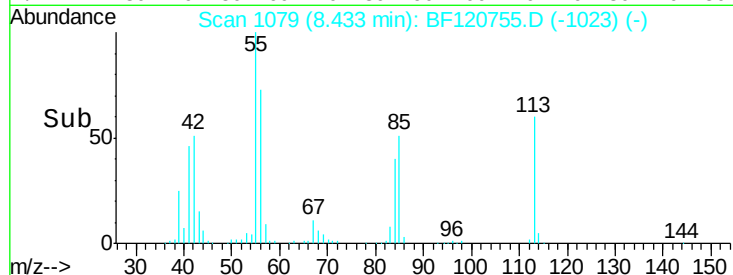
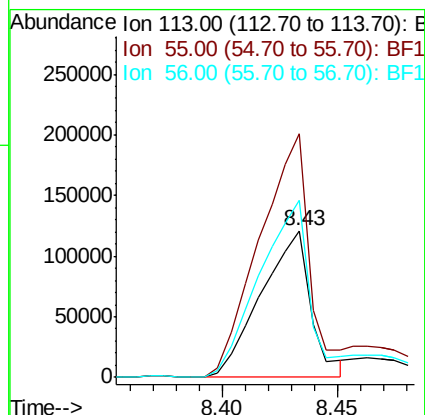
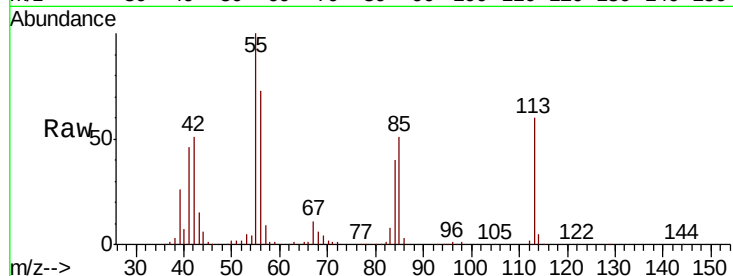




#35  
 Caprolactam  
 Concen: 65.765 ng  
 RT: 8.43 min Scan# 1079  
 Delta R.T. 0.03 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

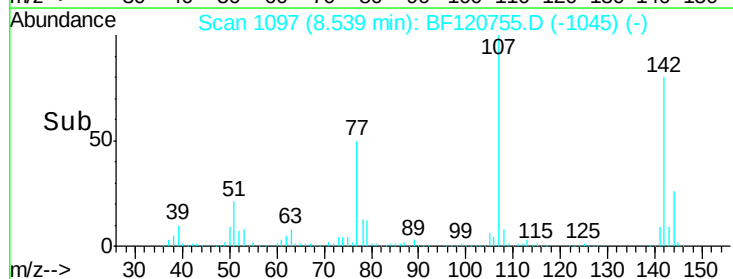
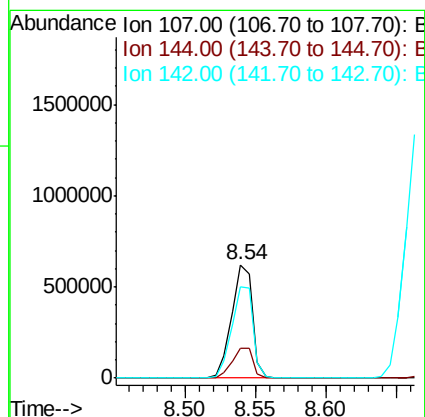
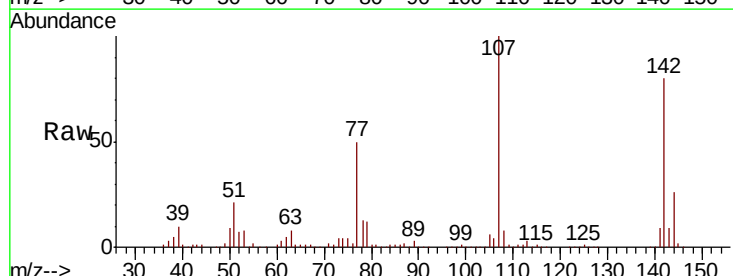
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

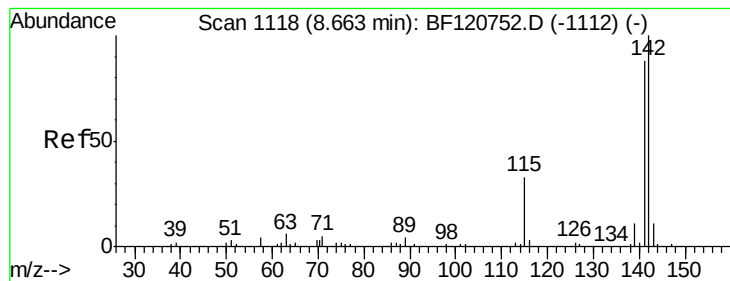
Tot Ion:113 Resp: 181433  
 Ion Ratio Lower Upper  
 113 100  
 55 166.1 134.6 174.6  
 56 121.2 94.6 134.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 74.200 ng  
 RT: 8.54 min Scan# 1097  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

Tgt Ion:107 Resp: 639438  
 Ion Ratio Lower Upper  
 107 100  
 144 26.4 21.4 32.2  
 142 80.4 65.4 98.0





#37

2-Methylnaphthalene

Concen: 71.680 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

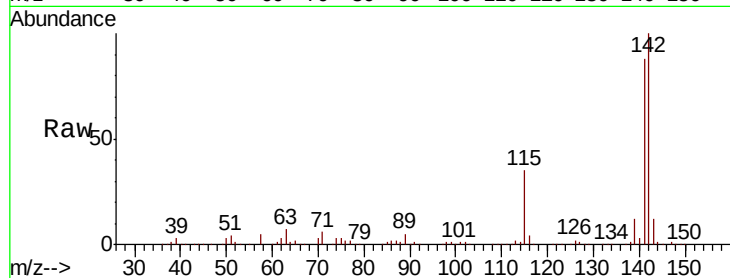
Tot Ion:142 Resp: 1337014

Ion Ratio Lower Upper

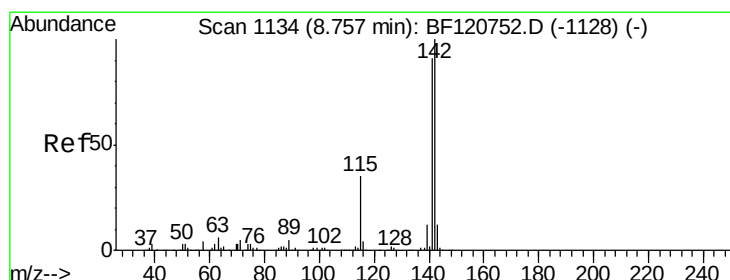
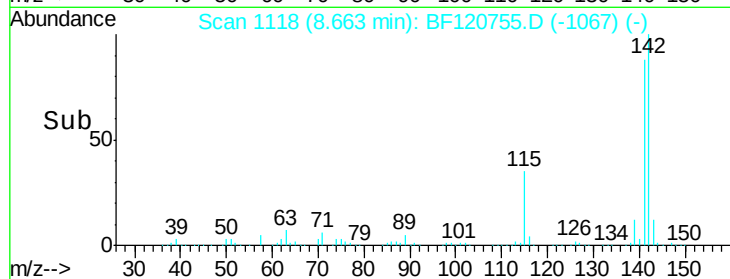
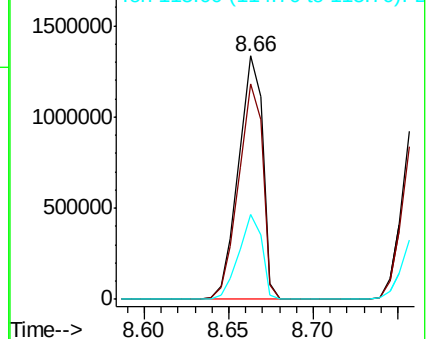
142 100

141 88.3 70.2 105.2

115 34.9 26.1 39.1



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: 73.093 ng

RT: 8.76 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

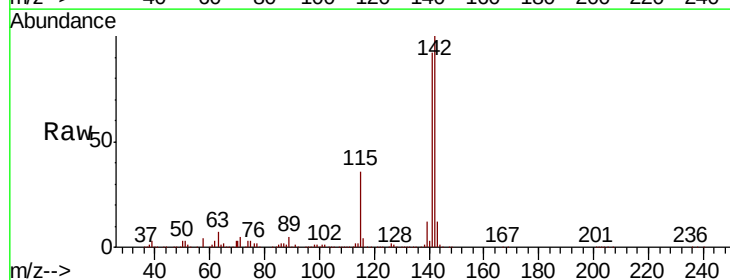
Tgt Ion:142 Resp: 1282905

Ion Ratio Lower Upper

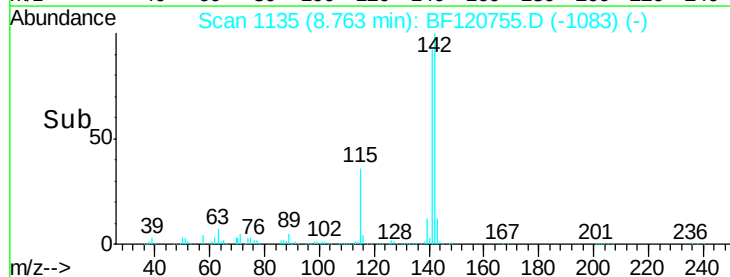
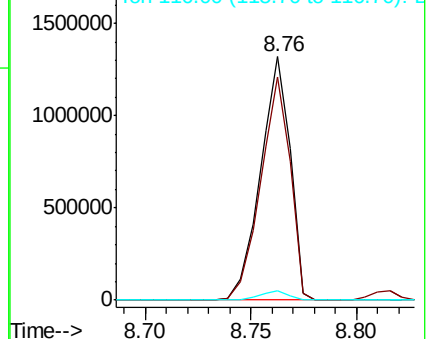
142 100

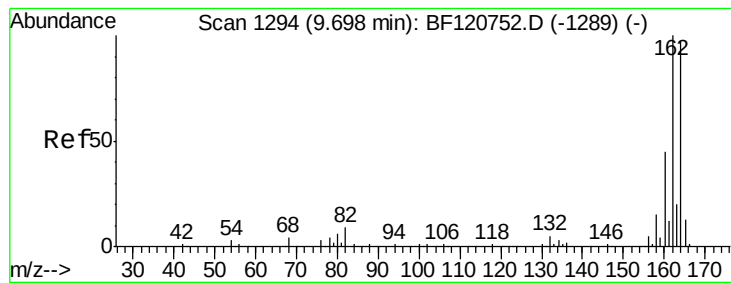
141 91.5 72.9 109.3

116 3.9 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

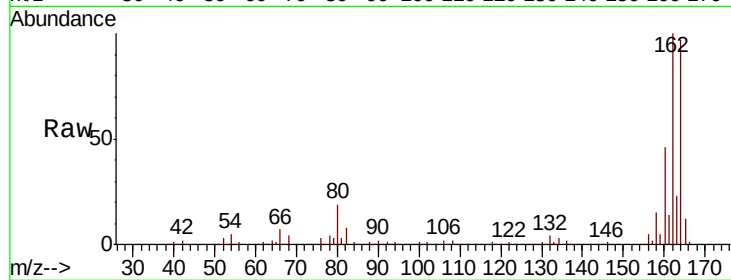
Tot Ion:164 Resp: 294870

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.2

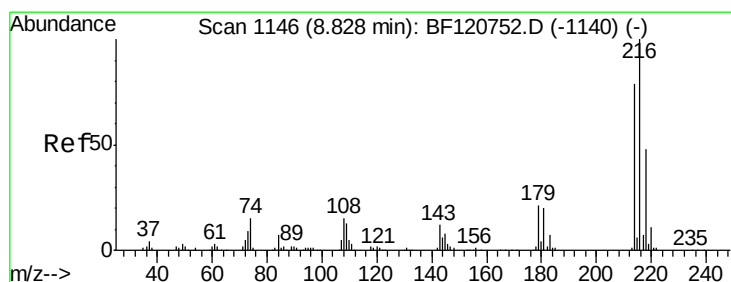
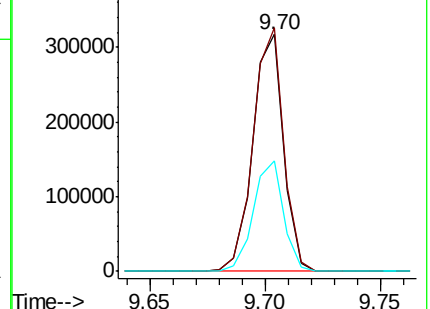
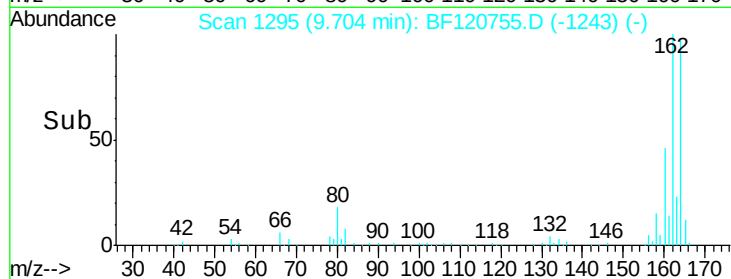
160 46.8 37.3 55.9



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: 70.225 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Tgt Ion:216 Resp: 618302

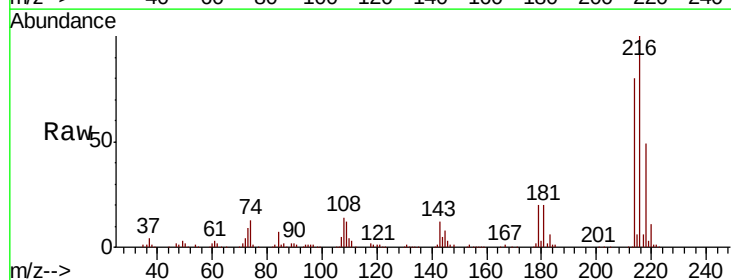
Ion Ratio Lower Upper

216 100

214 80.5 63.2 94.8

179 21.1 16.6 24.8

108 18.0 13.8 20.8

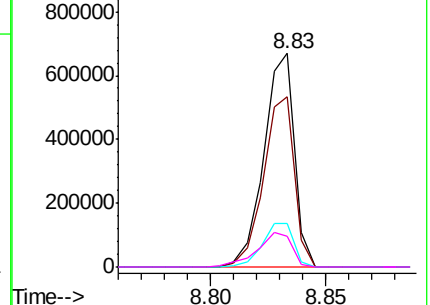
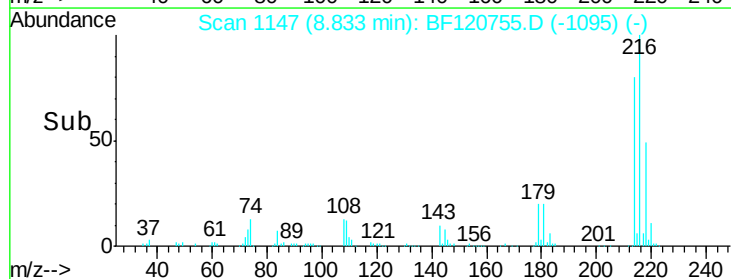


Abundance Ion 216.00 (215.70 to 216.70): E

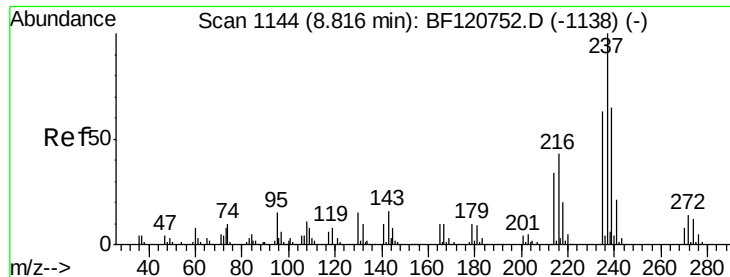
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



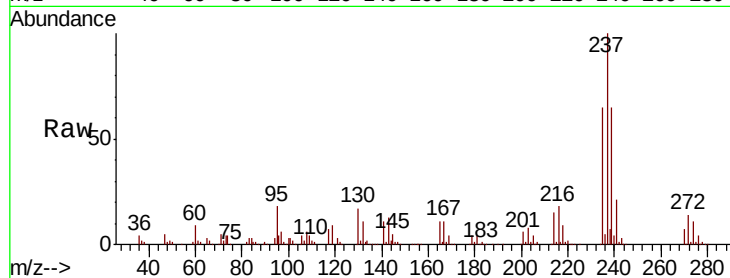




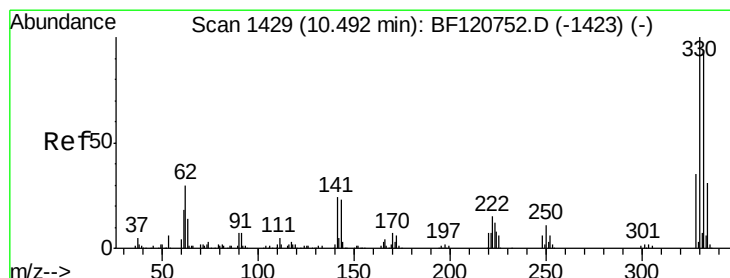
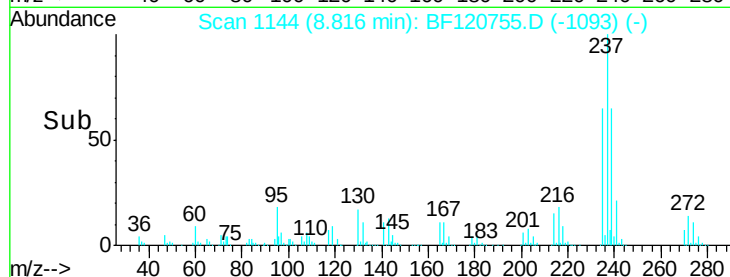
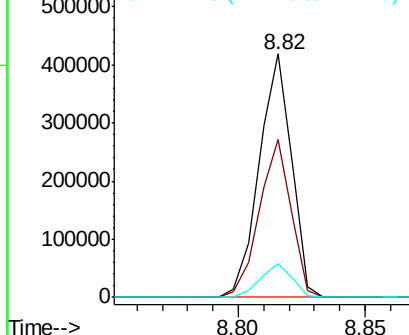
#41  
Hexachlorocyclopentadiene  
Concen: 75.573 ng  
RT: 8.82 min Scan# 1144  
Delta R.T. -0.00 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tot Ion:237 Resp: 372865  
Ion Ratio Lower Upper  
237 100  
235 64.6 43.1 83.1  
272 13.9 0.0 34.1

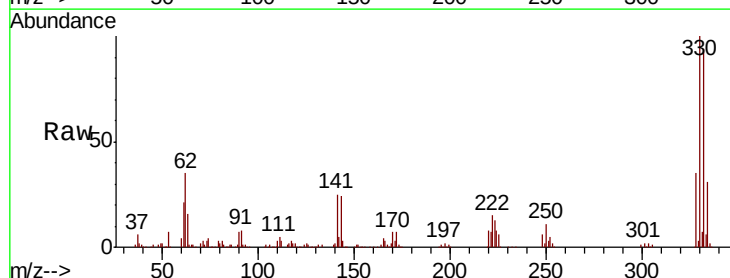


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

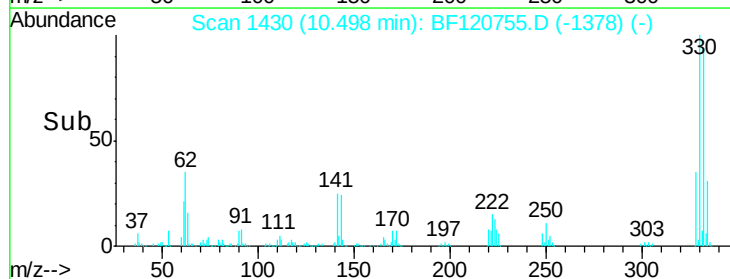
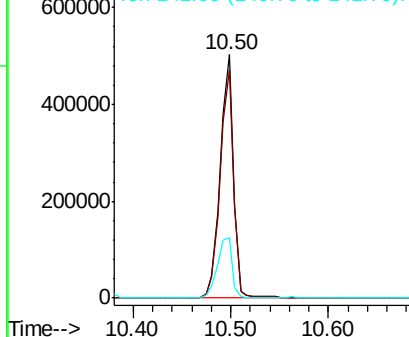


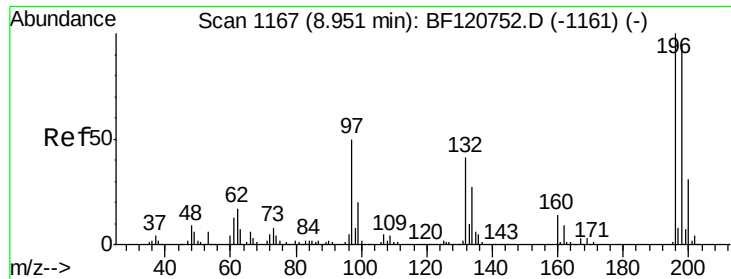
#42  
2,4,6-Tribromophenol  
Concen: 139.461 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Tgt Ion:330 Resp: 478111  
Ion Ratio Lower Upper  
330 100  
332 95.4 76.6 114.8  
141 27.9 22.7 34.1



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

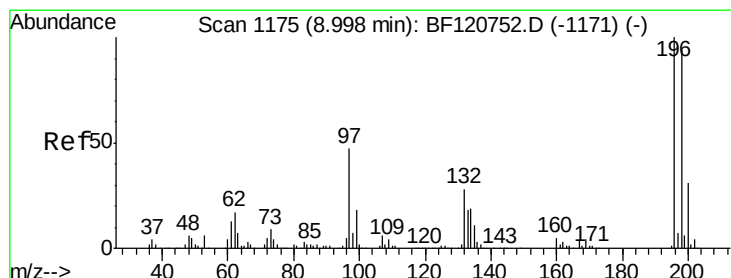
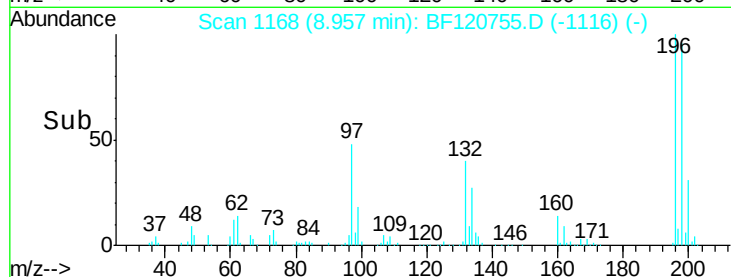
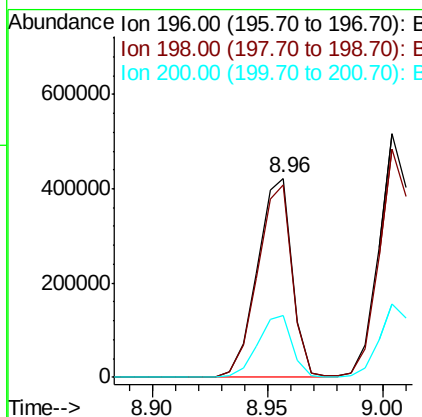
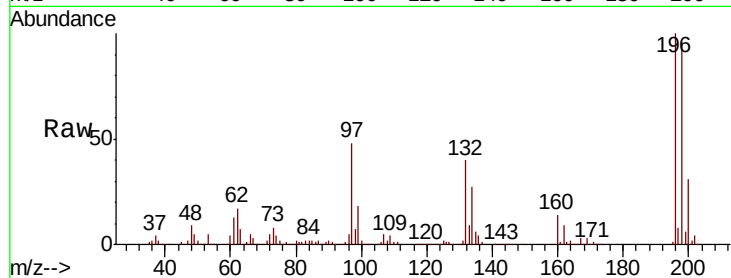




#43  
 2,4,6-Trichlorophenol  
 Concen: 71.199 ng  
 RT: 8.96 min Scan# 1168  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

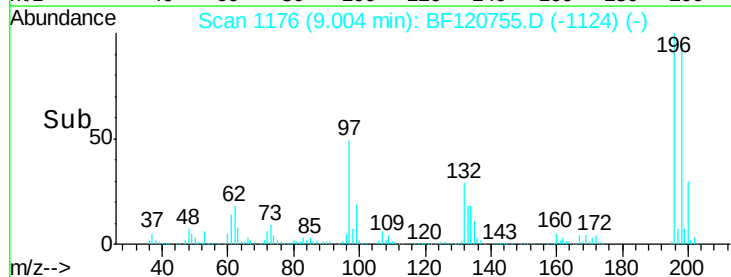
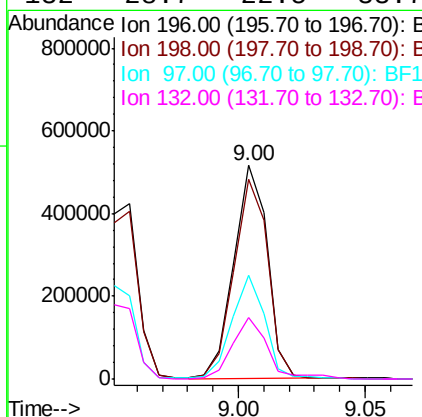
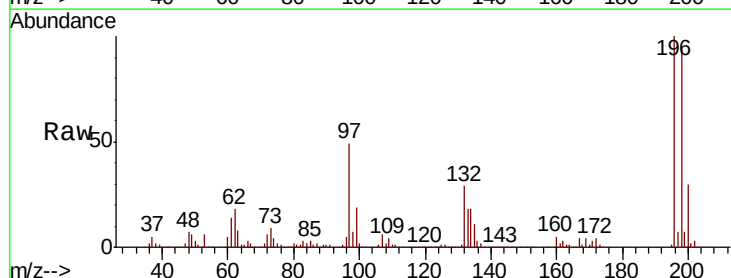
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

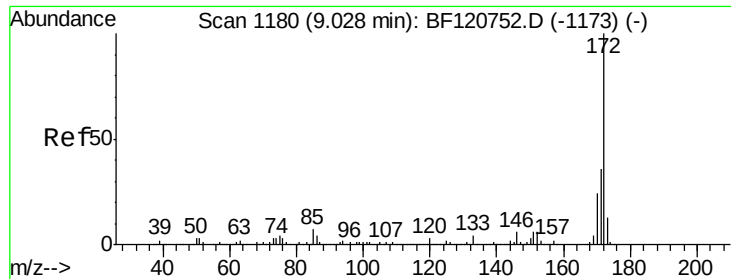
Tot Ion:196 Resp: 444684  
 Ion Ratio Lower Upper  
 196 100  
 198 96.3 76.2 114.4  
 200 30.8 25.0 37.4



#44  
 2,4,5-Trichlorophenol  
 Concen: 67.081 ng  
 RT: 9.00 min Scan# 1176  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

Tgt Ion:196 Resp: 475326  
 Ion Ratio Lower Upper  
 196 100  
 198 93.7 75.7 113.5  
 97 48.7 37.5 56.3  
 132 28.7 22.5 33.7

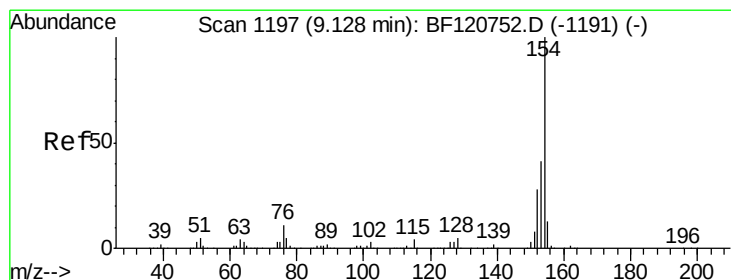
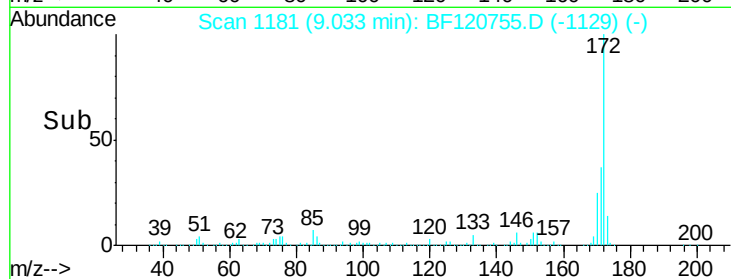
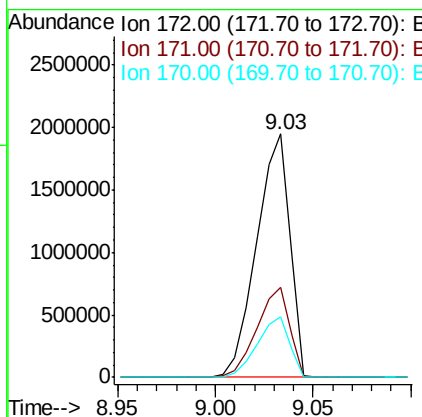
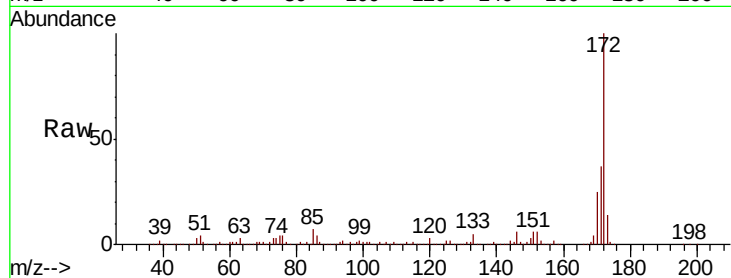




#45  
2-Fluorobiphenyl  
Concen: 118.716 ng  
RT: 9.03 min Scan# 1181  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

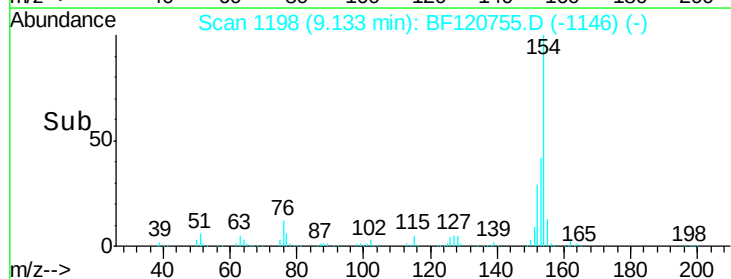
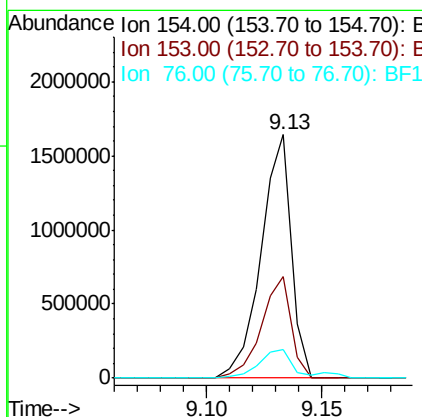
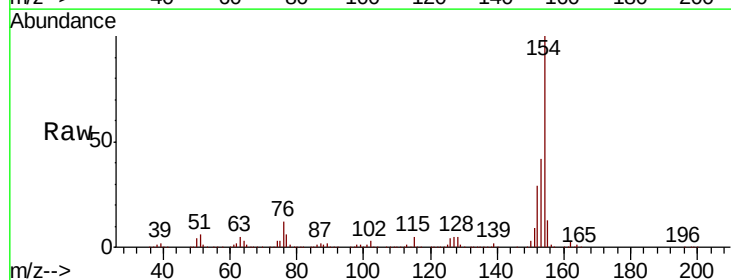
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

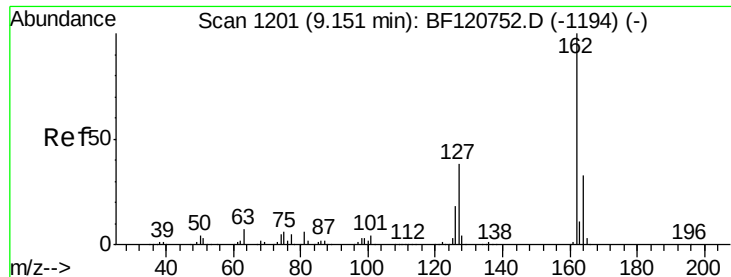
Tot Ion:172 Resp: 2287979  
Ion Ratio Lower Upper  
172 100  
171 36.8 29.0 43.4  
170 24.8 19.3 28.9



#46  
1,1'-Biphenyl  
Concen: 67.946 ng  
RT: 9.13 min Scan# 1198  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Tgt Ion:154 Resp: 1496044  
Ion Ratio Lower Upper  
154 100  
153 41.7 20.7 60.7  
76 12.0 0.0 31.5

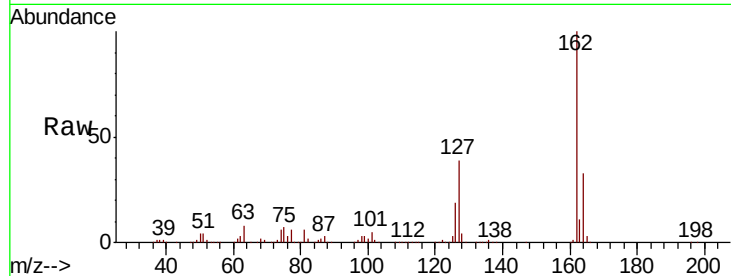




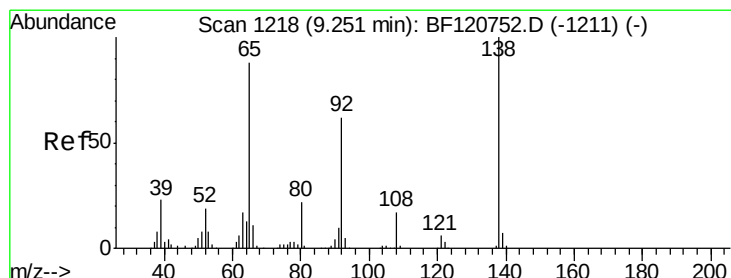
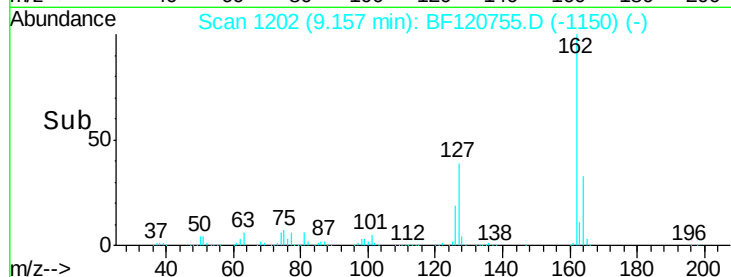
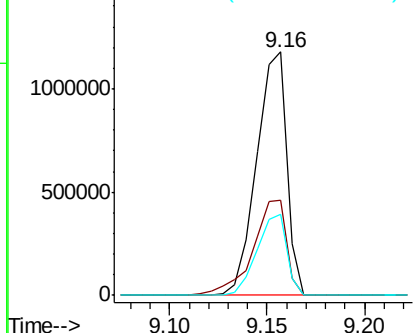
#47  
2-Chloronaphthalene  
Concen: 70.116 ng  
RT: 9.16 min Scan# 1202  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:162 Resp: 1262447  
Ion Ratio Lower Upper  
162 100  
127 38.9 30.7 46.1  
164 33.2 26.4 39.6

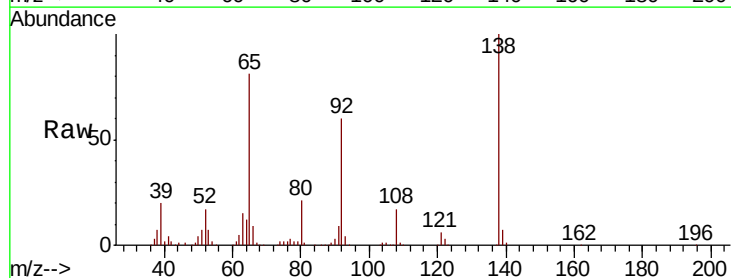


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

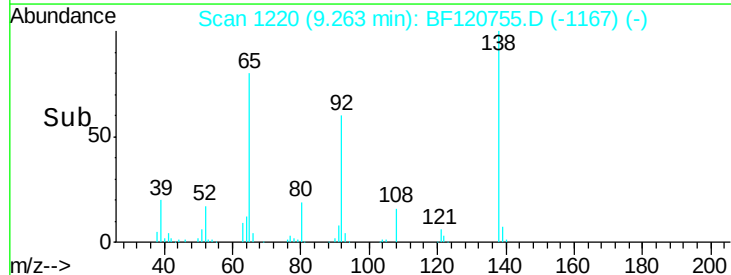
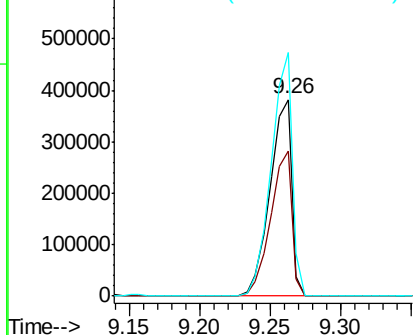


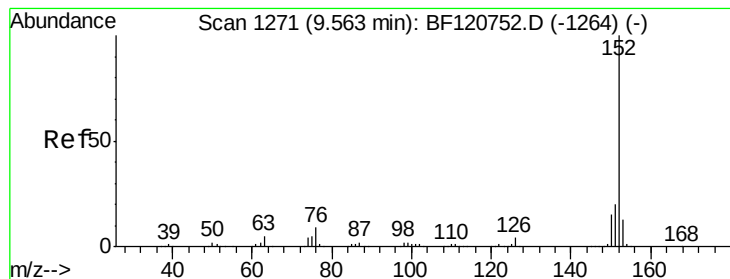
#48  
2-Nitroaniline  
Concen: 73.221 ng  
RT: 9.26 min Scan# 1220  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Tgt Ion: 65 Resp: 414056  
Ion Ratio Lower Upper  
65 100  
92 74.0 56.3 84.5  
138 124.1 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: 68.159 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

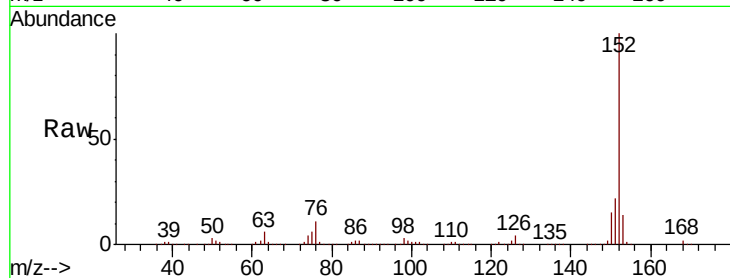
Tot Ion:152 Resp: 1893953

Ion Ratio Lower Upper

152 100

151 21.5 16.3 24.5

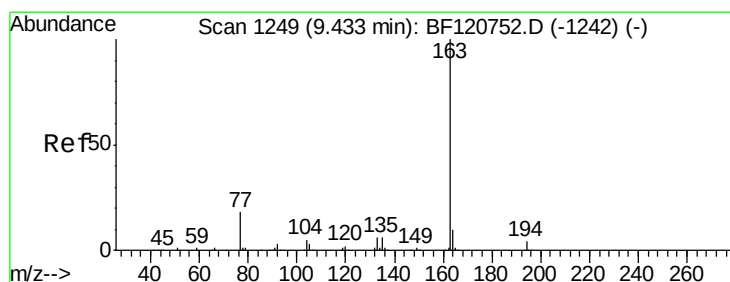
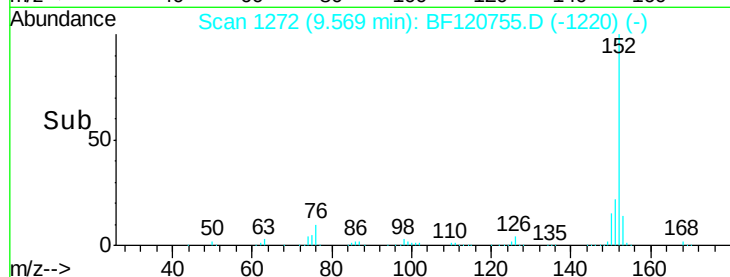
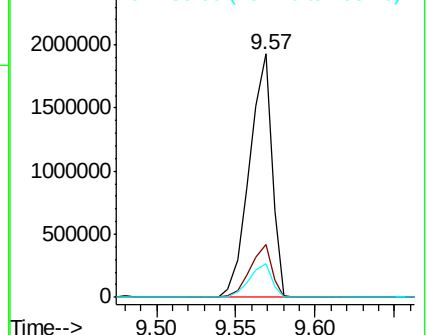
153 14.0 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 74.744 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

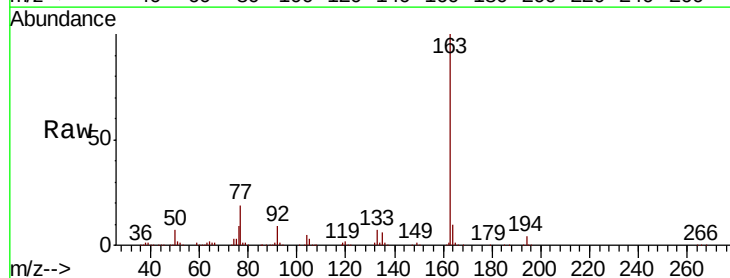
Tgt Ion:163 Resp: 1587315

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

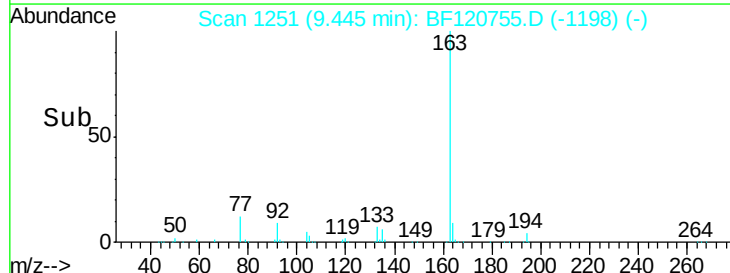
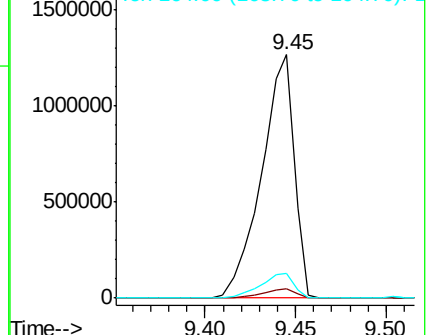
164 10.3 8.1 12.1

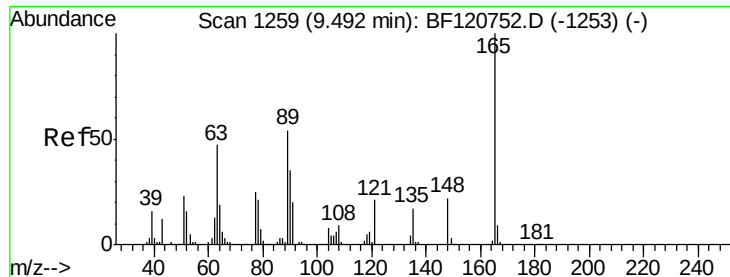


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 74.613 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

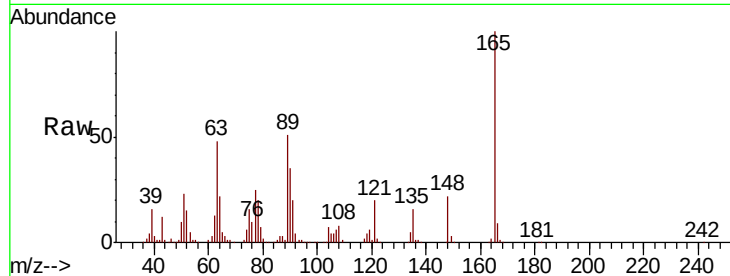
Tot Ion:165 Resp: 359098

Ion Ratio Lower Upper

165 100

63 48.4 41.3 61.9

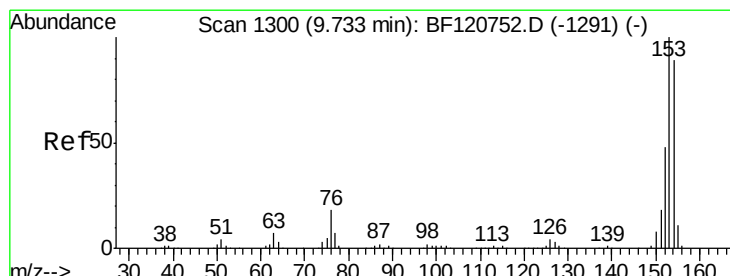
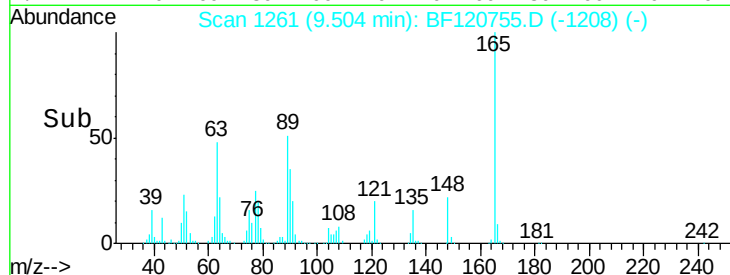
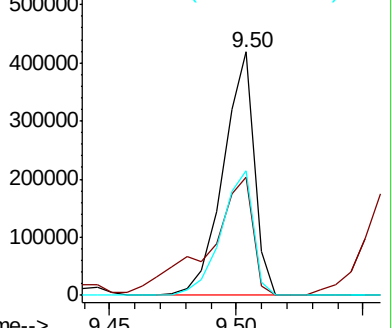
89 51.0 43.1 64.7



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: 69.924 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

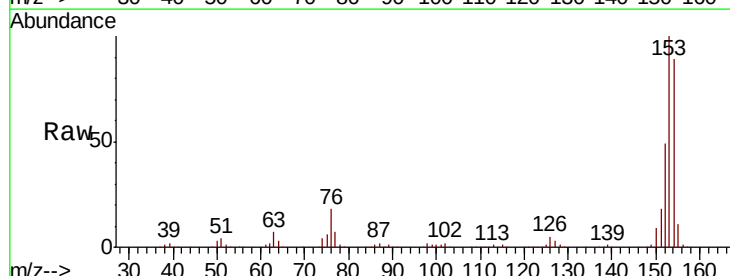
Tgt Ion:154 Resp: 1158819

Ion Ratio Lower Upper

154 100

153 112.5 90.3 135.5

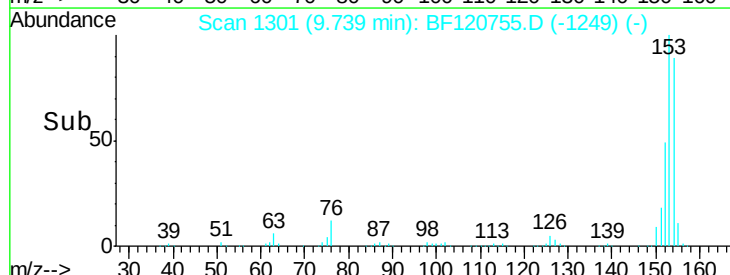
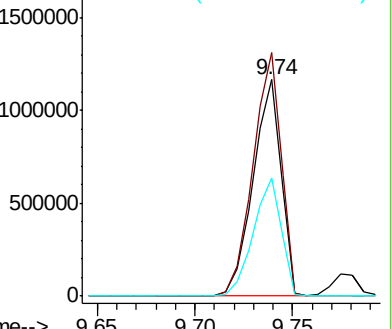
152 54.9 43.0 64.6

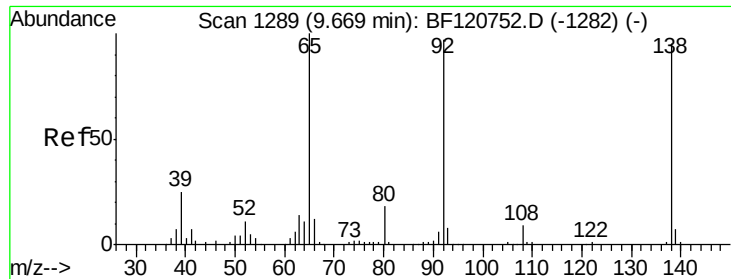


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

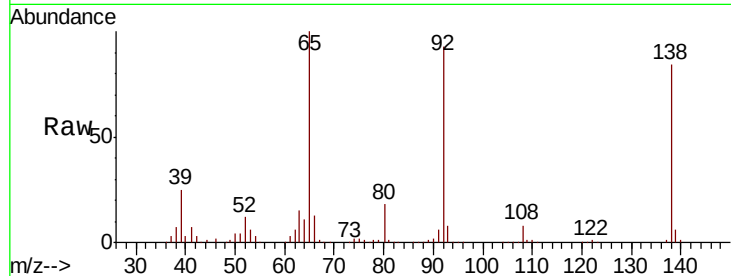




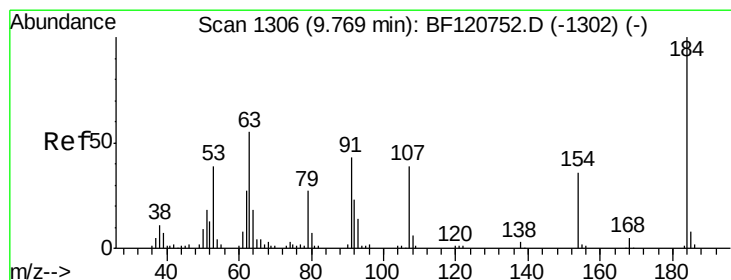
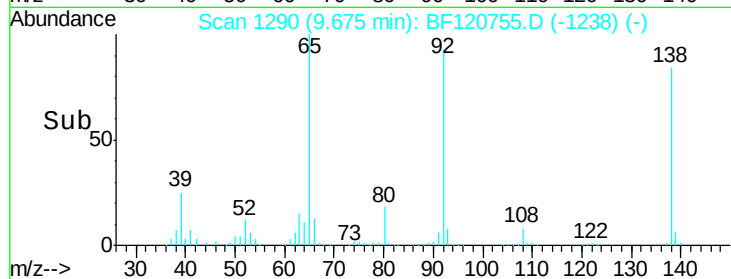
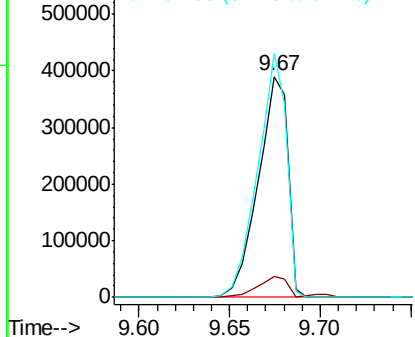
#53  
 3-Nitroaniline  
 Concen: 76.820 ng  
 RT: 9.67 min Scan# 1290  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tot Ion:138 Resp: 444071  
 Ion Ratio Lower Upper  
 138 100  
 108 9.7 7.4 11.2  
 92 110.3 81.7 122.5

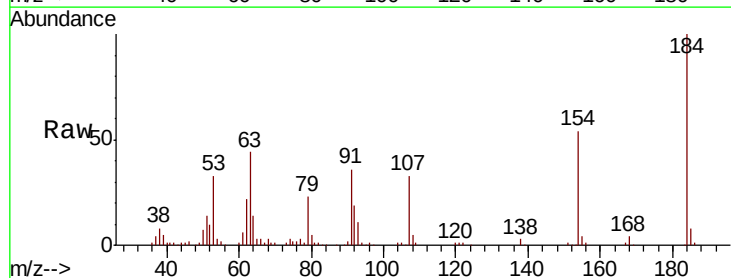


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BF1

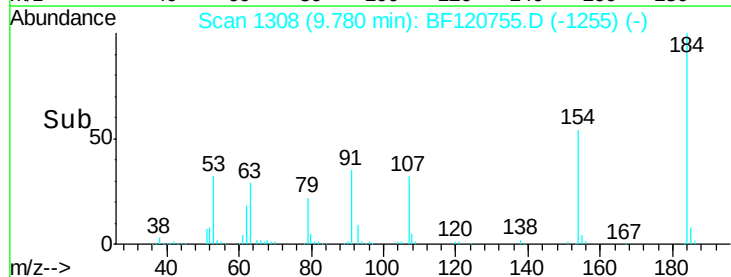
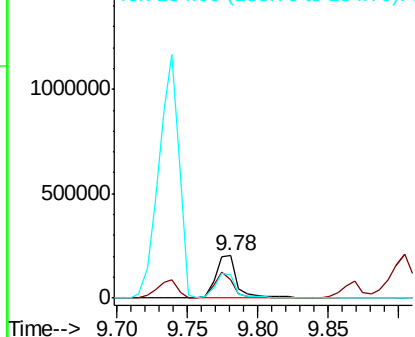


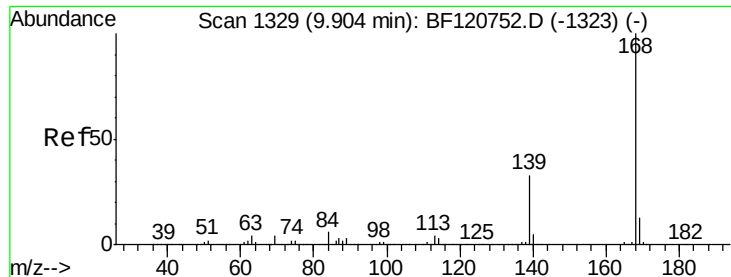
#54  
 2,4-Dinitrophenol  
 Concen: 85.138 ng  
 RT: 9.78 min Scan# 1308  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

Tgt Ion:184 Resp: 219661  
 Ion Ratio Lower Upper  
 184 100  
 63 44.4 44.7 67.1#  
 154 54.4 47.1 70.7



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

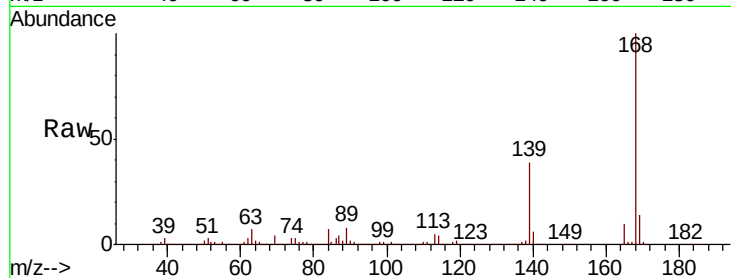




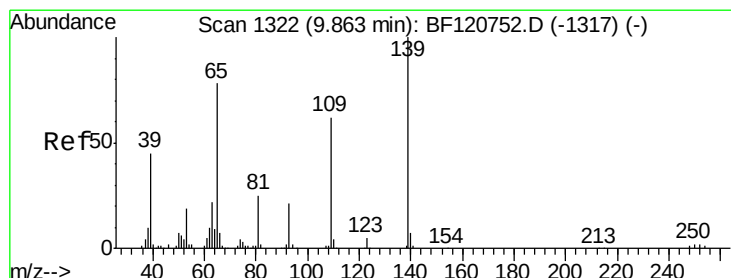
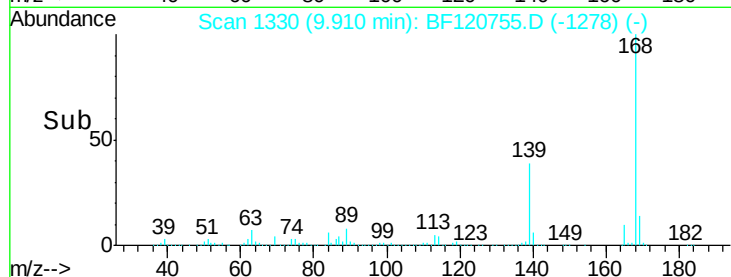
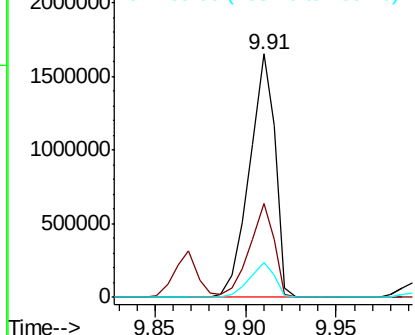
#55  
Dibenzofuran  
Concen: 63.948 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:168 Resp: 1624978  
Ion Ratio Lower Upper  
168 100  
139 38.7 29.4 44.2  
169 14.2 10.8 16.2

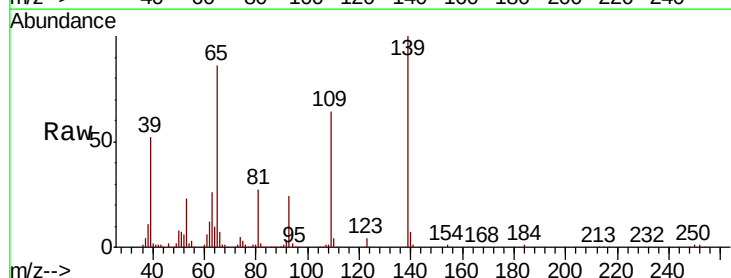


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

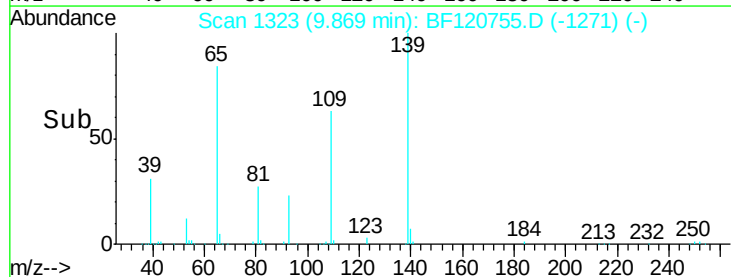
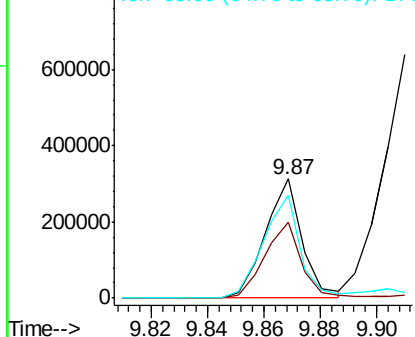


#56  
4-Nitrophenol  
Concen: 65.057 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

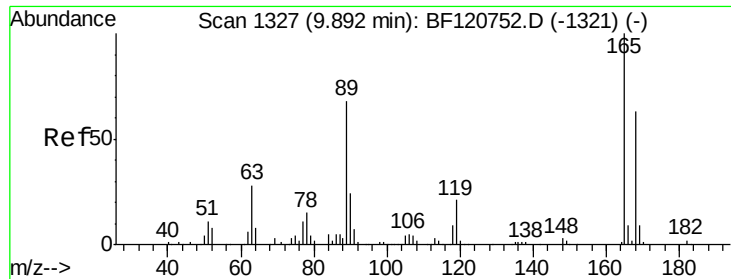
Tgt Ion:139 Resp: 283238  
Ion Ratio Lower Upper  
139 100  
109 63.8 42.3 82.3  
65 86.2 58.0 98.0



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



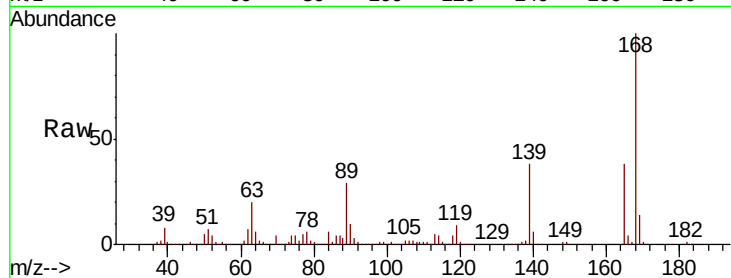




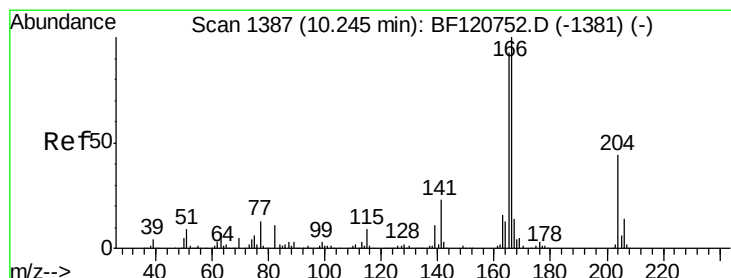
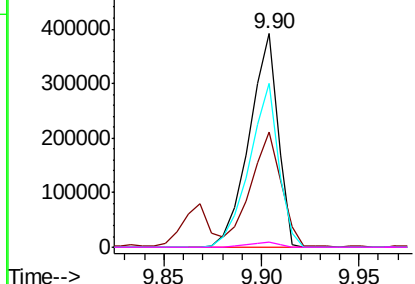
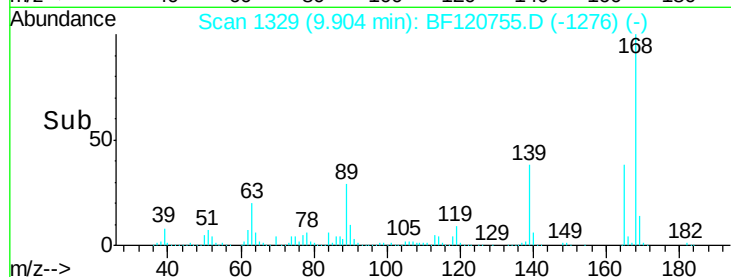
#57  
2,4-Dinitrotoluene  
Concen: 62.786 ng  
RT: 9.90 min Scan# 1329  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tot Ion:165 Resp: 400972  
Ion Ratio Lower Upper  
165 100  
63 54.0 33.6 50.4#  
89 76.8 54.3 81.5  
182 2.5 1.9 2.9

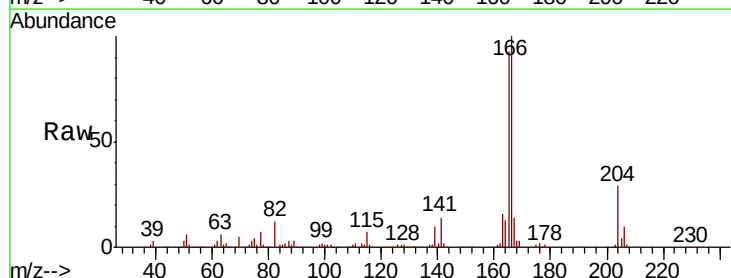


Abundance Ion 165.00 (164.70 to 165.70): E  
600000  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

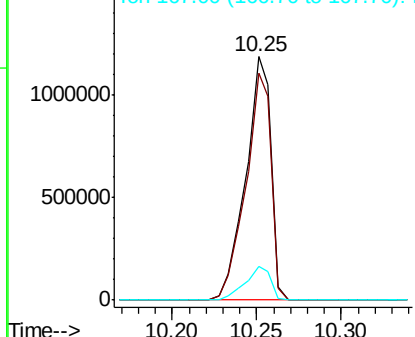
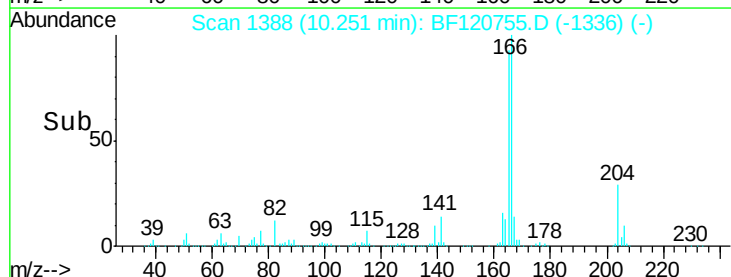


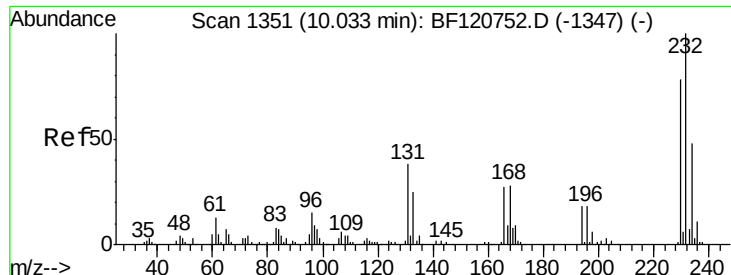
#58  
Fluorene  
Concen: 63.181 ng  
RT: 10.25 min Scan# 1388  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Tgt Ion:166 Resp: 1237661  
Ion Ratio Lower Upper  
166 100  
165 93.1 74.8 112.2  
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E  
1500000  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

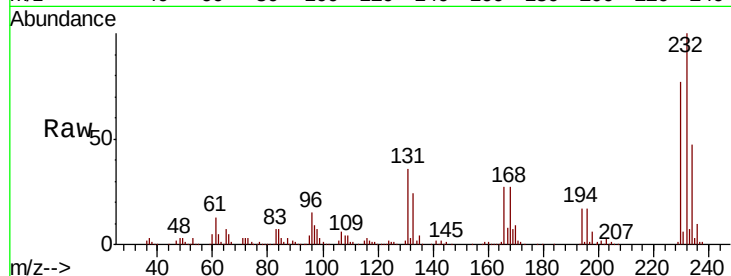




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 70.159 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 41.8  | 32.5  | 48.7  |
| 130     | 2.1   | 1.7   | 2.5   |
| 166     | 29.1  | 23.0  | 34.6  |



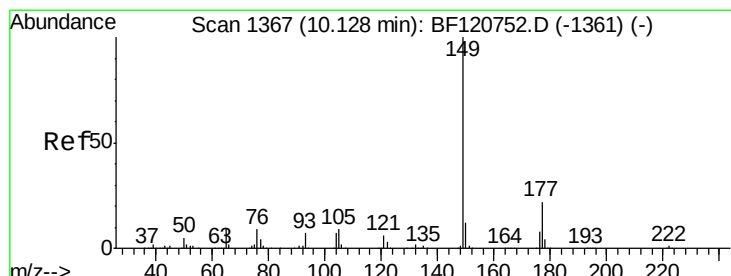
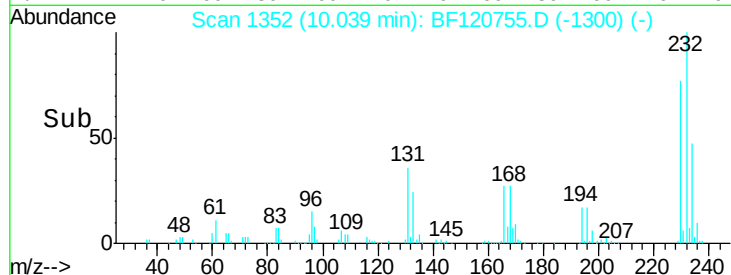
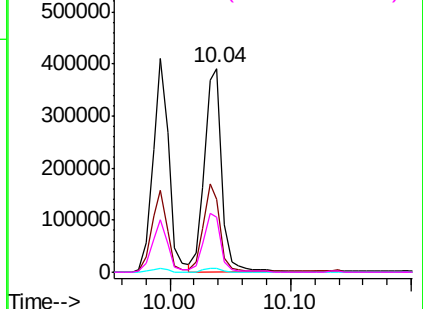
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

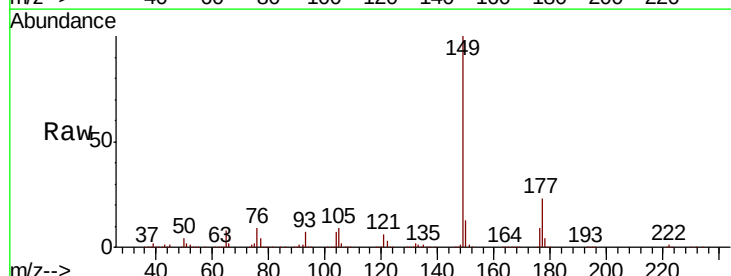
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
Diethylphthalate  
Concen: 72.073 ng  
RT: 10.14 min Scan# 1369  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.4  | 17.4  | 26.0  |
| 150     | 12.9  | 9.9   | 14.9  |

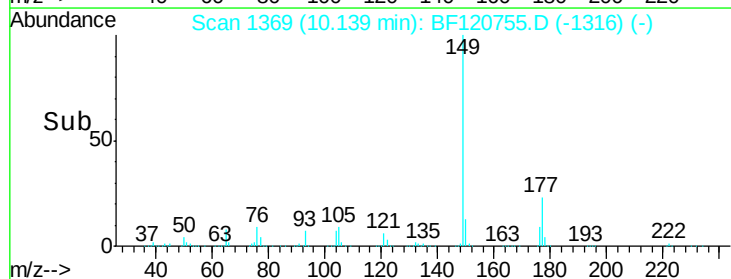
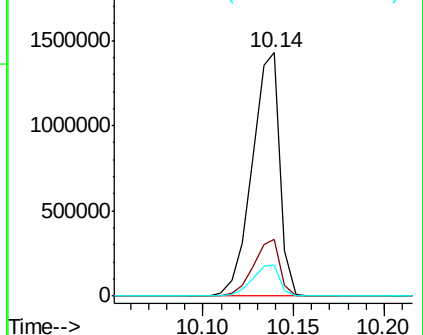


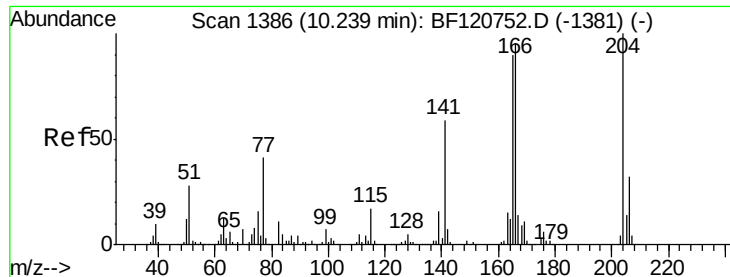
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

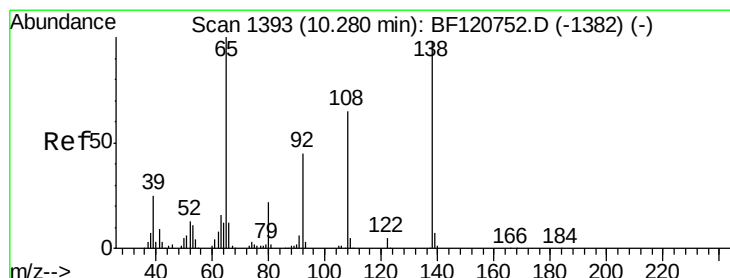
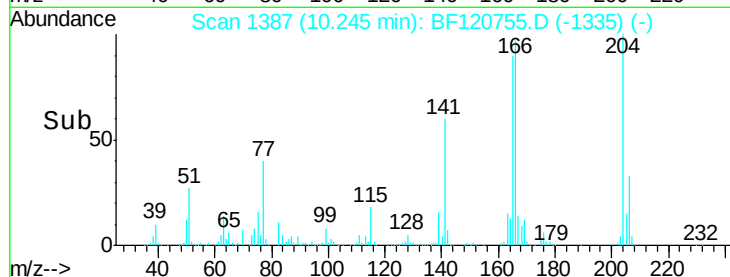
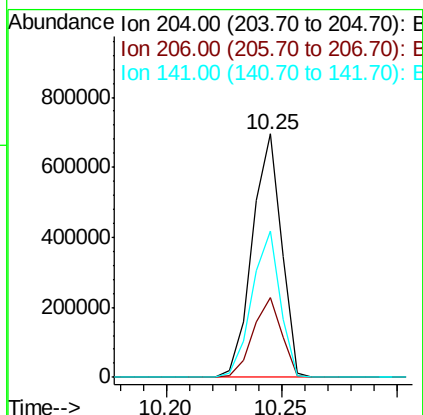
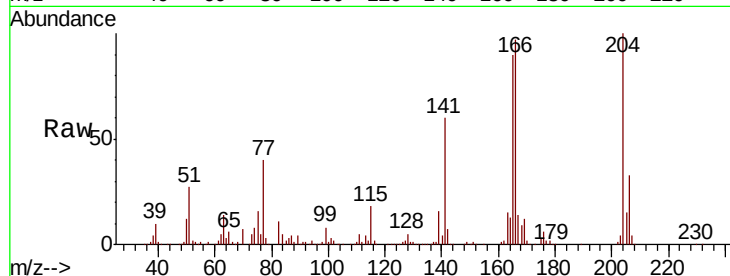




#61  
 4-Chlorophenyl-phenylether  
 Concen: 60.614 ng  
 RT: 10.25 min Scan# 1387  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

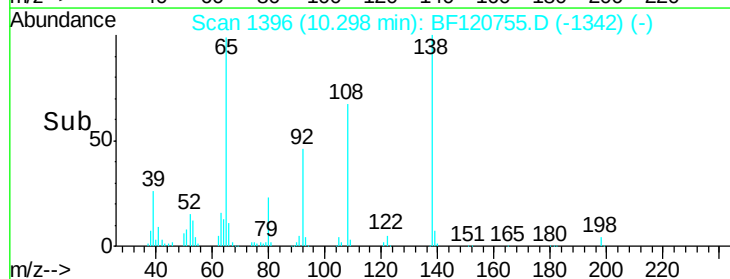
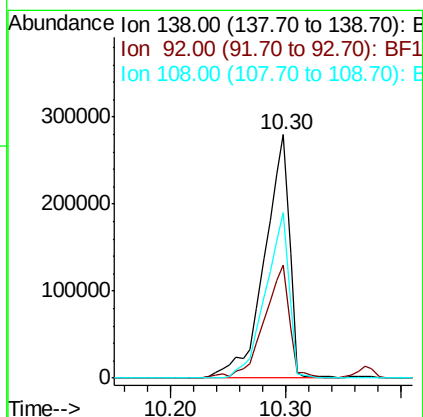
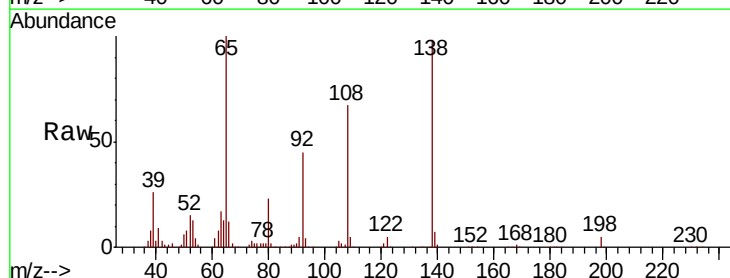
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

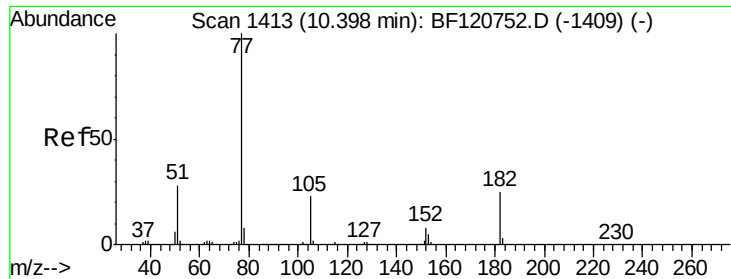
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.6  | 25.4  | 38.0  |
| 141     | 59.9  | 47.0  | 70.6  |



#62  
 4-Nitroaniline  
 Concen: 72.788 ng  
 RT: 10.30 min Scan# 1396  
 Delta R.T. 0.02 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.4  | 26.5  | 66.5  |
| 108     | 68.0  | 46.3  | 86.3  |





#63

Azobenzene

Concen: 72.665 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

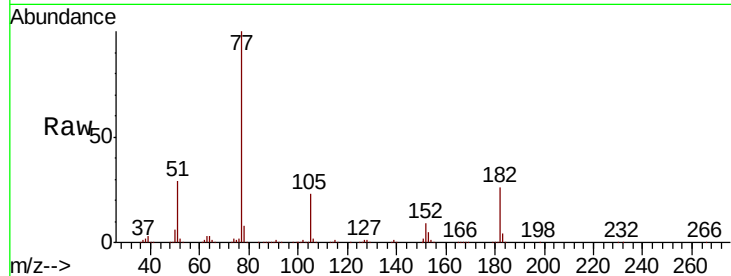
BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion: 77 Resp: 1379606

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.0  | 4.6   | 44.6  |
| 105 | 23.4  | 2.7   | 42.7  |
| 51  | 29.1  | 8.6   | 48.6  |

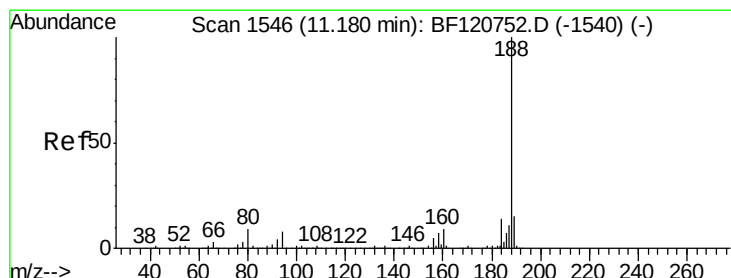
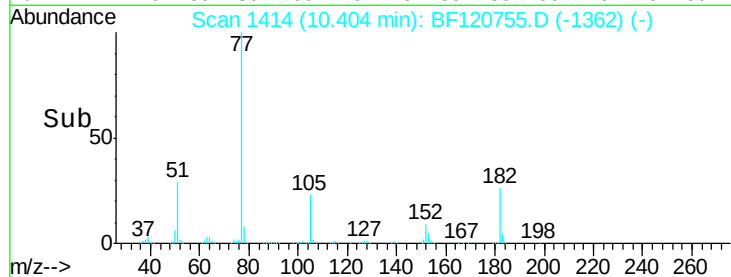


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.18 min Scan# 1546

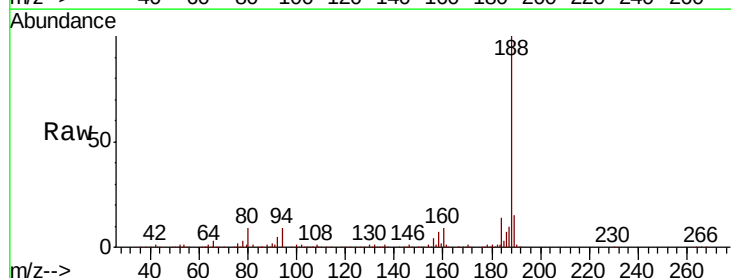
Delta R.T. -0.00 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Tgt Ion: 188 Resp: 535042

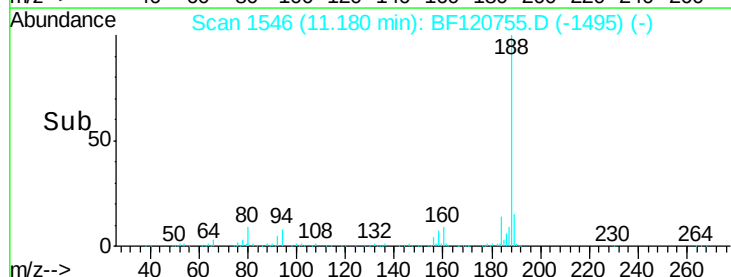
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.8   | 6.4   | 9.6   |
| 80  | 9.3   | 6.9   | 10.3  |

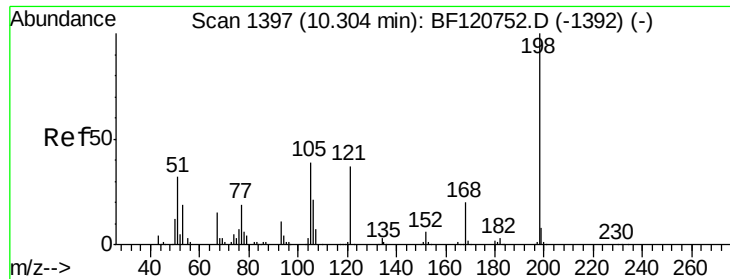


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

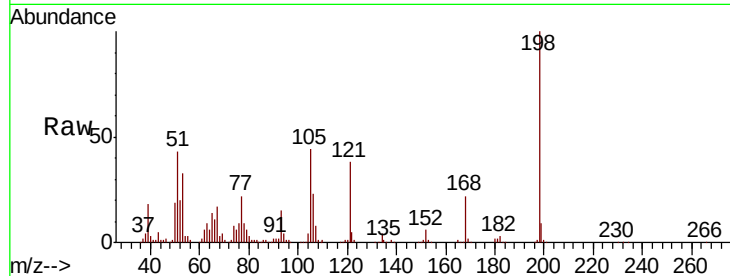




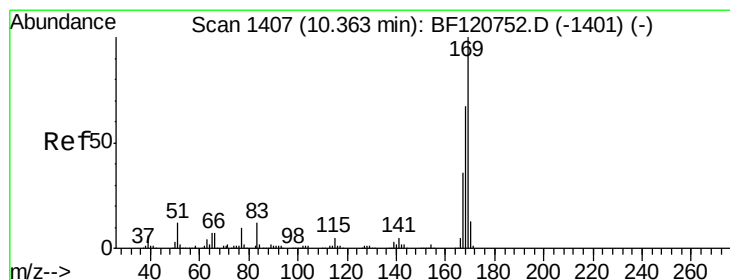
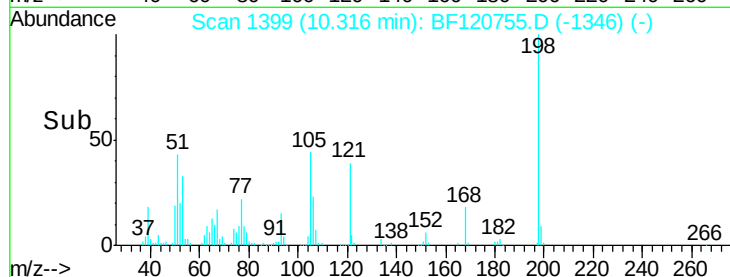
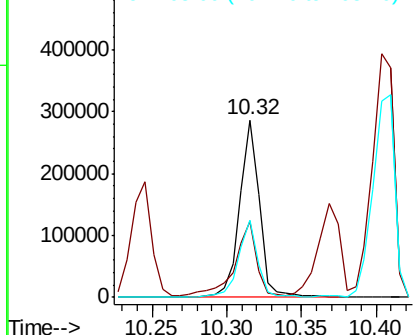
#65  
4,6-Dinitro-2-methylphenol  
Concen: 82.847 ng  
RT: 10.32 min Scan# 1399  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:198 Resp: 265977  
Ion Ratio Lower Upper  
198 100  
51 42.7 17.2 57.2  
105 43.7 19.6 59.6

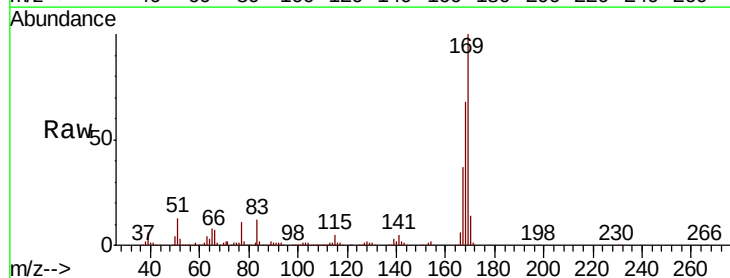


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

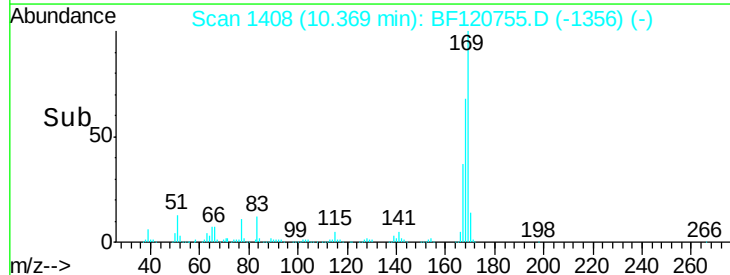
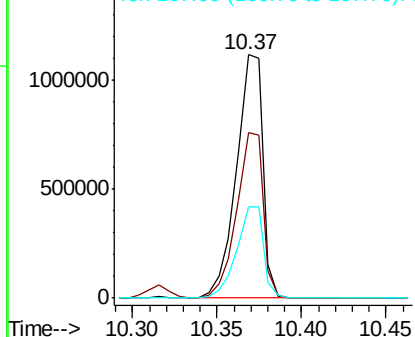


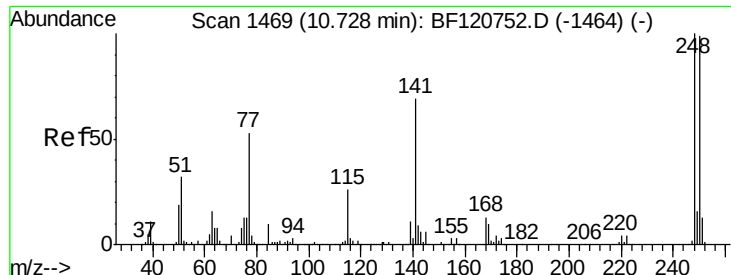
#66  
n-Nitrosodiphenylamine  
Concen: 73.973 ng  
RT: 10.37 min Scan# 1408  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Tgt Ion:169 Resp: 1215427  
Ion Ratio Lower Upper  
169 100  
168 67.8 53.4 80.2  
167 37.4 29.0 43.6



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

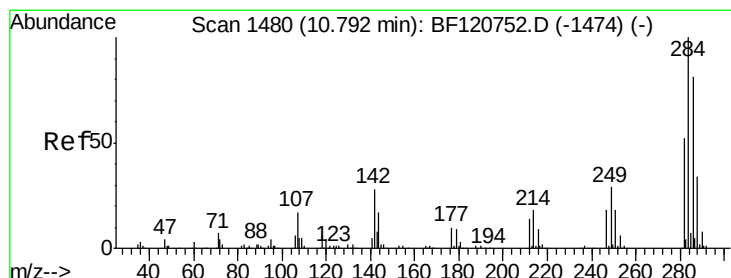
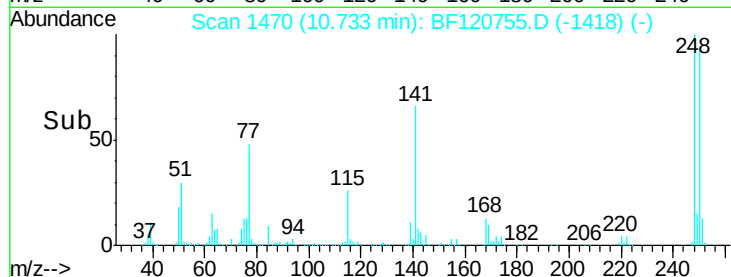
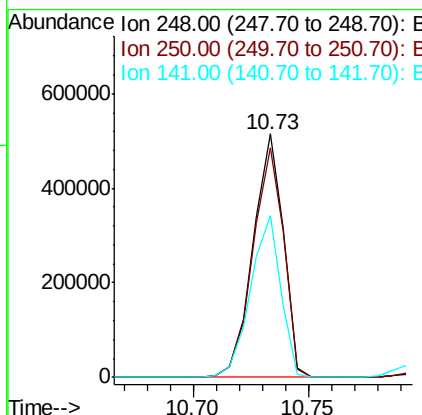
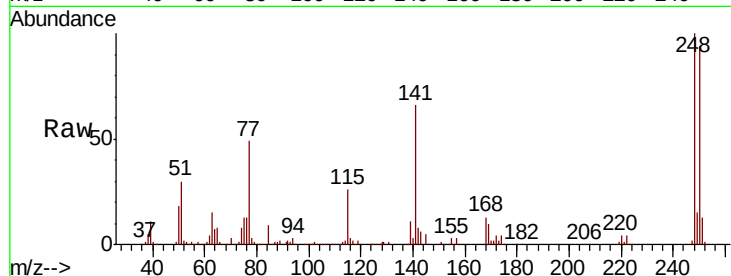




#67  
 4-Bromophenyl-phenylether  
 Concen: 77.737 ng  
 RT: 10.73 min Scan# 1470  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

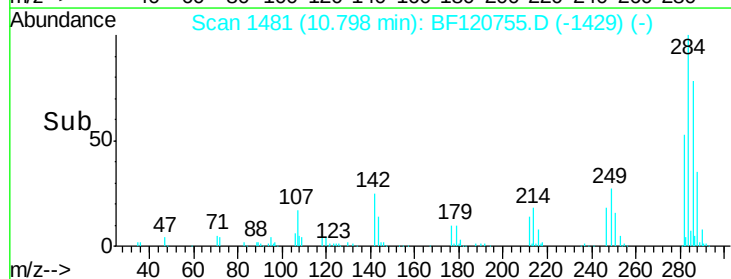
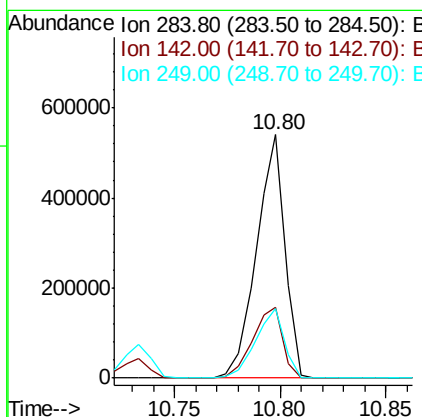
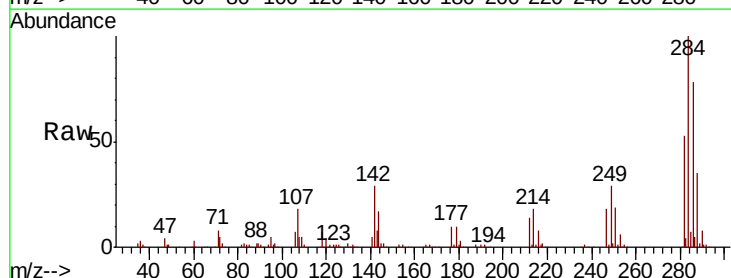
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

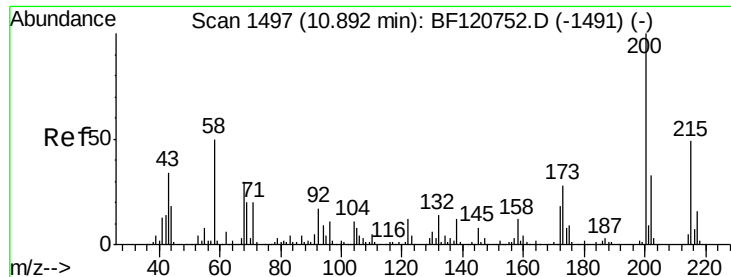
Tot Ion:248 Resp: 472042  
 Ion Ratio Lower Upper  
 248 100  
 250 94.3 79.1 118.7  
 141 66.4 55.4 83.2



#68  
 Hexachlorobenzene  
 Concen: 77.324 ng  
 RT: 10.80 min Scan# 1481  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

Tgt Ion:284 Resp: 504820  
 Ion Ratio Lower Upper  
 284 100  
 142 29.4 22.8 34.2  
 249 28.7 23.3 34.9

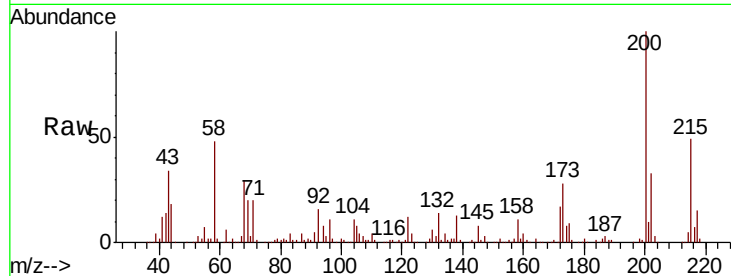




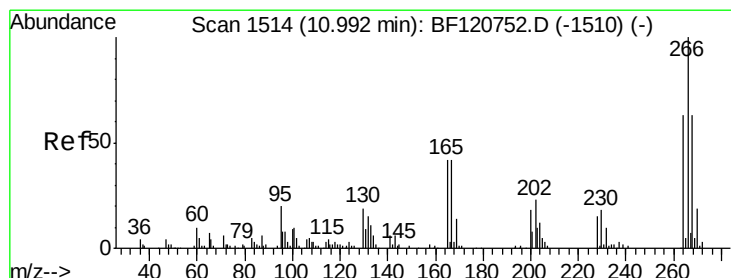
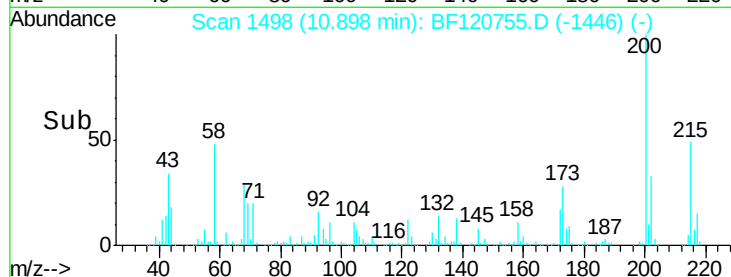
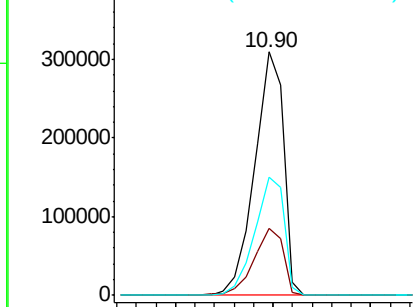
#69  
 Atrazine  
 Concen: 62.485 ng  
 RT: 10.90 min Scan# 1498  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.6  | 8.2   | 48.2  |
| 215     | 48.7  | 29.0  | 69.0  |

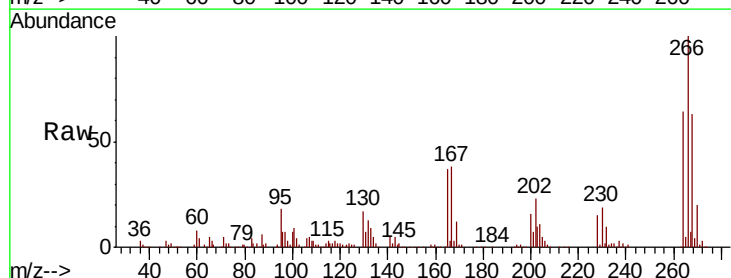


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

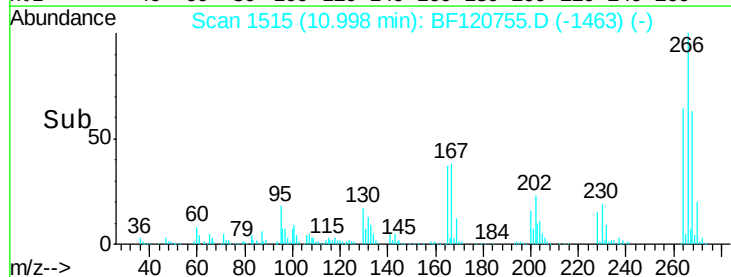
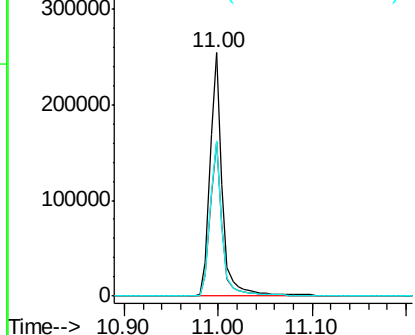


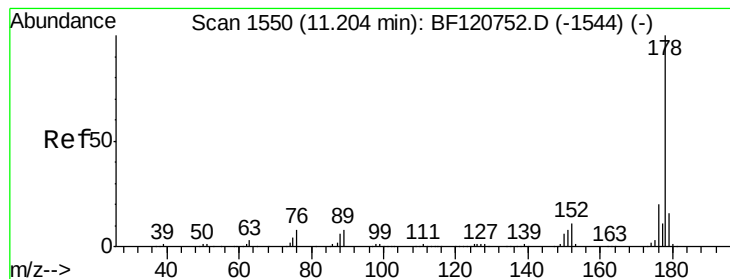
#70  
 Pentachlorophenol  
 Concen: 65.324 ng  
 RT: 11.00 min Scan# 1515  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.3  | 50.2  | 75.4  |
| 264     | 63.6  | 50.5  | 75.7  |



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





#71

Phenanthrene

Concen: 70.816 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

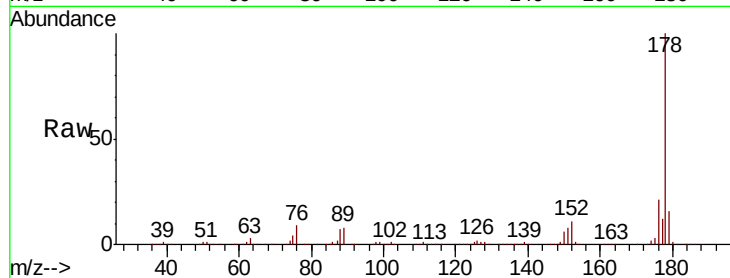
Tot Ion:178 Resp: 1883491

Ion Ratio Lower Upper

178 100

176 20.7 15.9 23.9

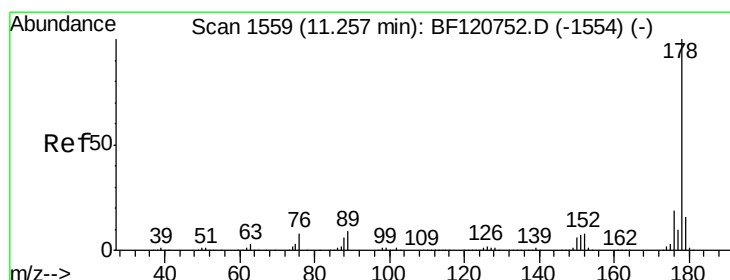
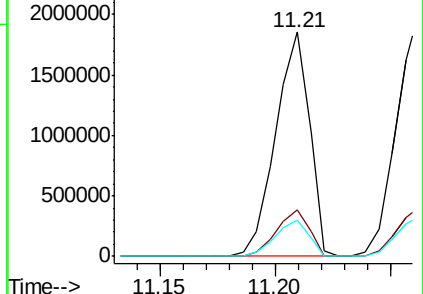
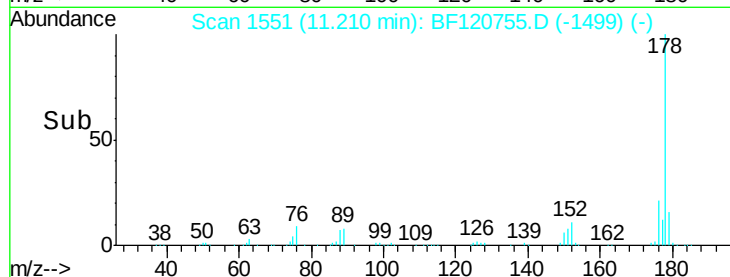
179 16.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 72.031 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

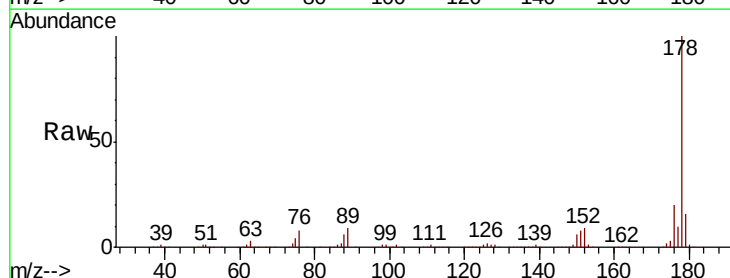
Tgt Ion:178 Resp: 1931069

Ion Ratio Lower Upper

178 100

176 20.2 15.2 22.8

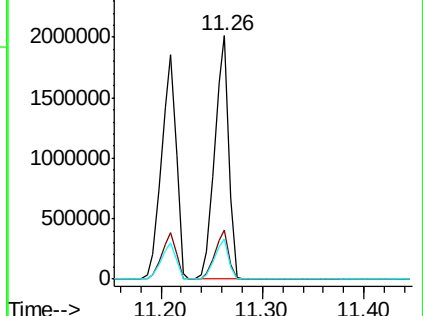
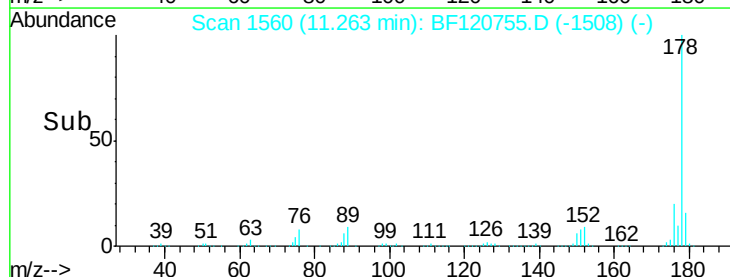
179 16.4 12.6 19.0



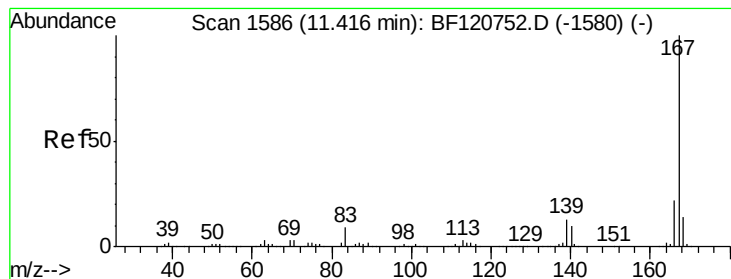
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#73

Carbazole

Concen: 72.854 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

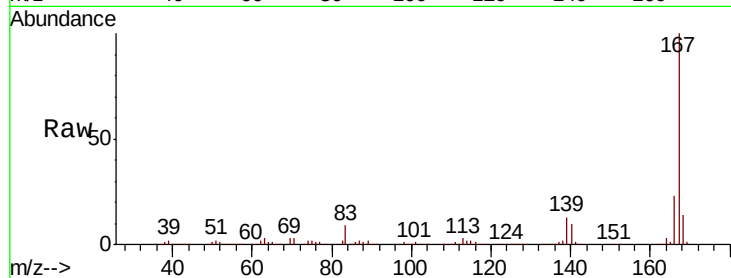
Tot Ion:167 Resp: 1933394

Ion Ratio Lower Upper

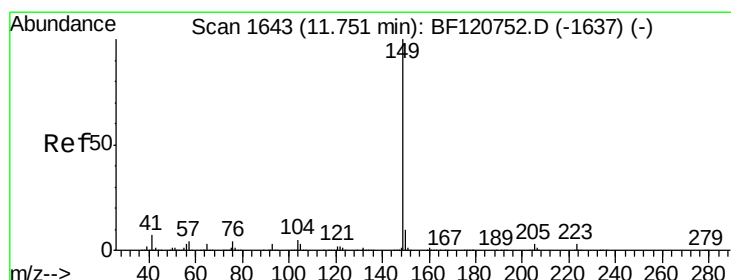
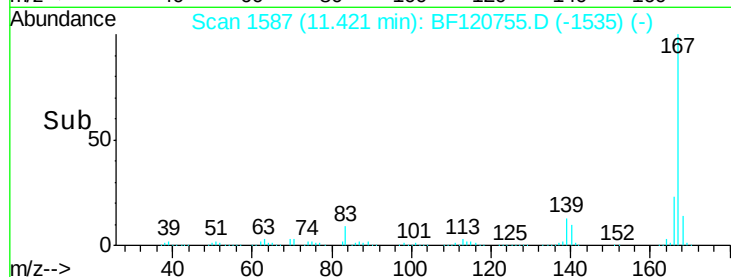
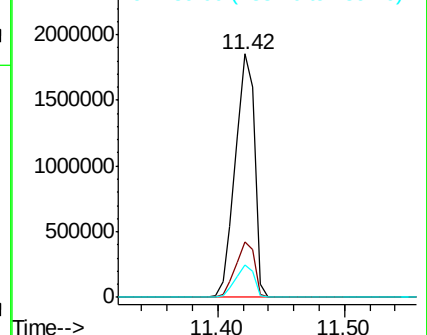
167 100

166 22.8 17.3 25.9

139 13.1 10.4 15.6



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



#74

Di-n-butylphthalate

Concen: 73.250 ng

RT: 11.76 min Scan# 1644

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

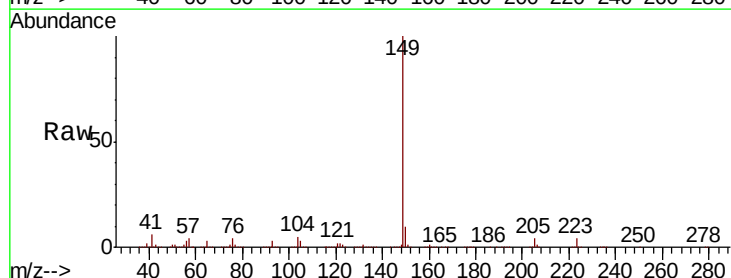
Tgt Ion:149 Resp: 2185427

Ion Ratio Lower Upper

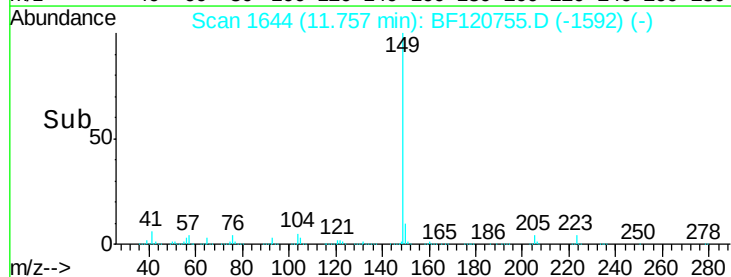
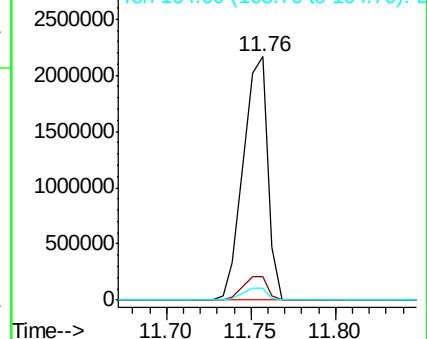
149 100

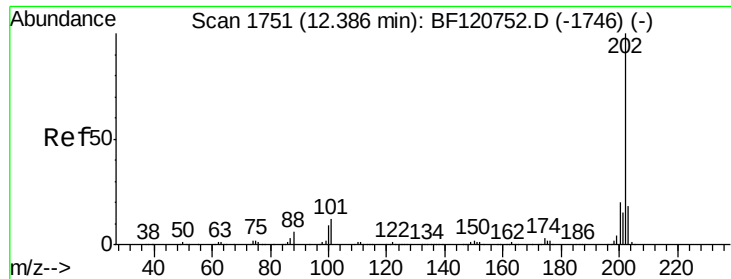
150 9.7 7.6 11.4

104 4.8 3.8 5.6



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





#75

Fluoranthene

Concen: 70.363 ng

RT: 12.39 min Scan# 1752

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

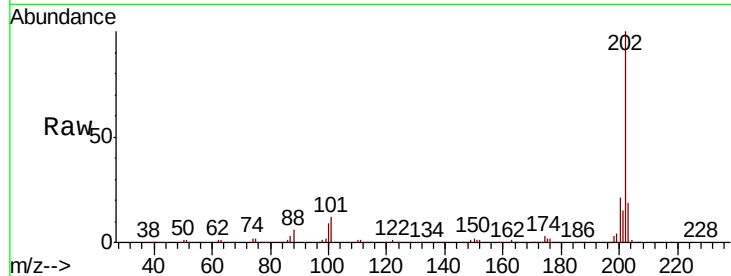
Tot Ion:202 Resp: 2139650

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.6

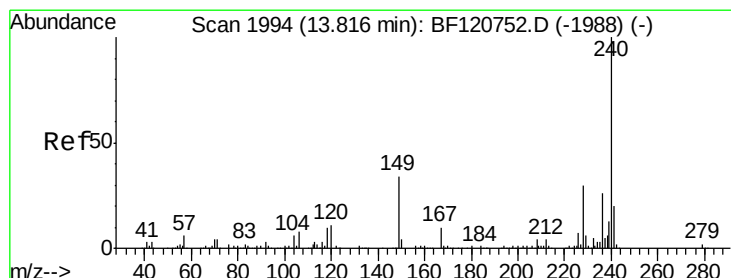
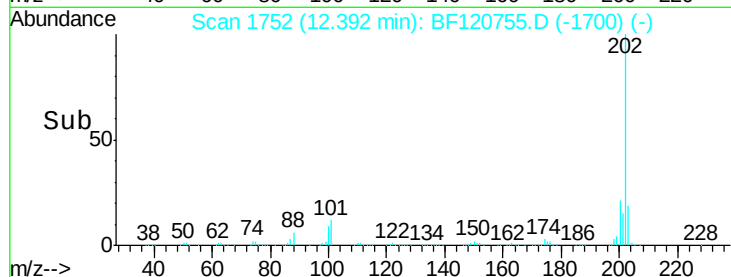
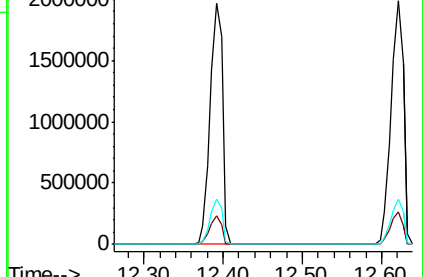
203 18.5 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

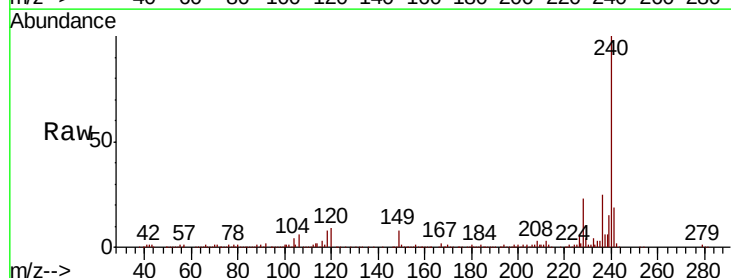
Tgt Ion:240 Resp: 327308

Ion Ratio Lower Upper

240 100

120 8.8 8.8 13.2#

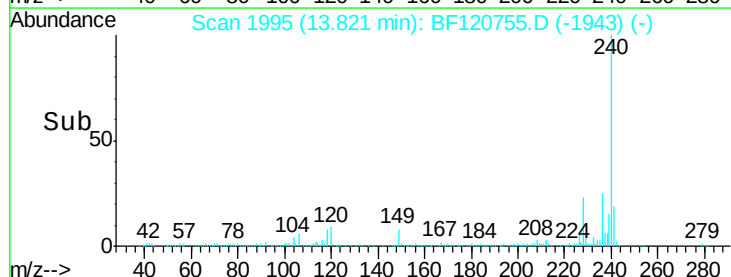
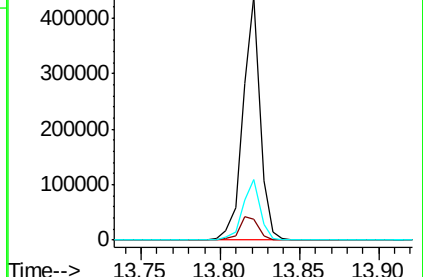
236 25.1 20.6 31.0

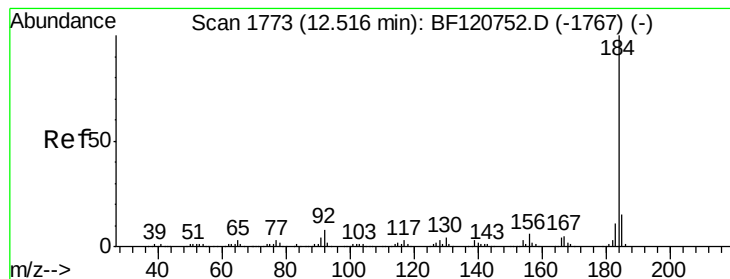


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 64.782 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

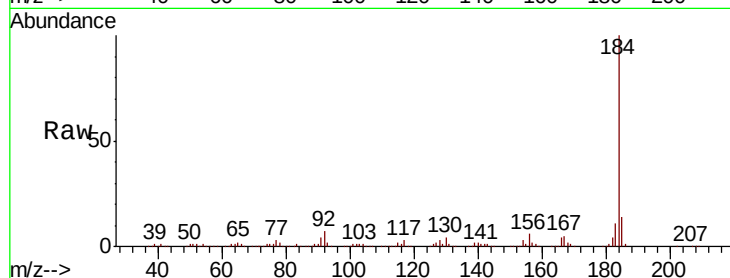
Tot Ion:184 Resp: 717099

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.3  | 11.8  | 17.6  |
| 183 | 10.8  | 8.7   | 13.1  |

184 100

185 14.3 11.8 17.6

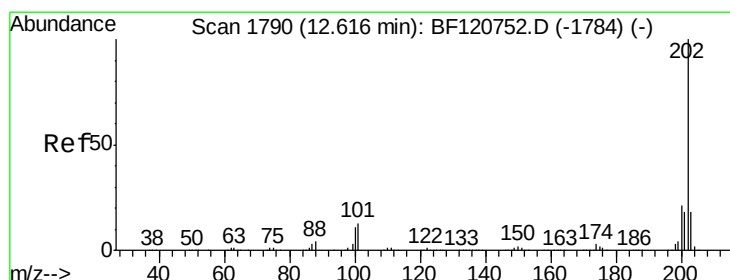
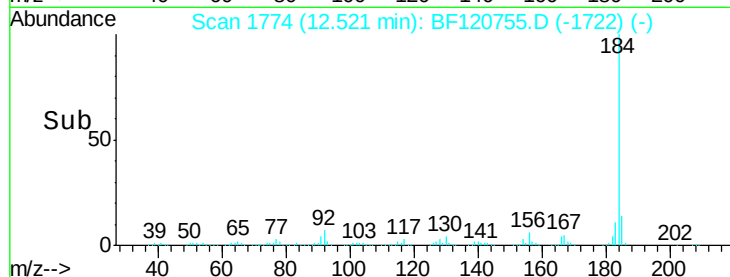
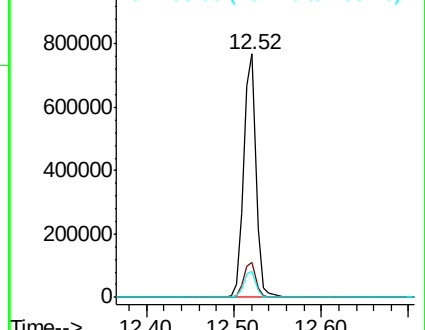
183 10.8 8.7 13.1



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: 94.247 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

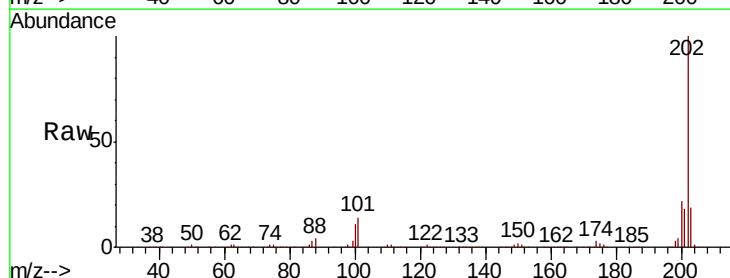
Tgt Ion:202 Resp: 2185302

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.0  | 17.0  | 25.6  |
| 203 | 18.6  | 14.5  | 21.7  |

202 100

200 22.0 17.0 25.6

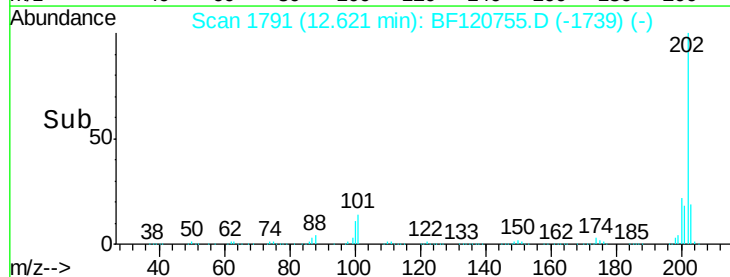
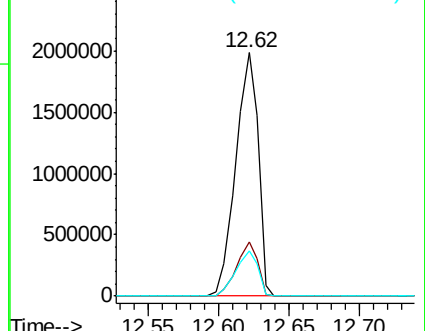
203 18.6 14.5 21.7

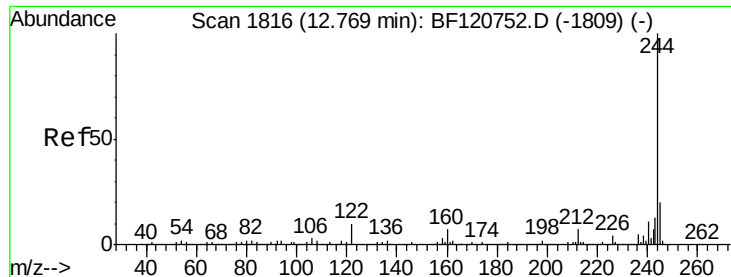


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



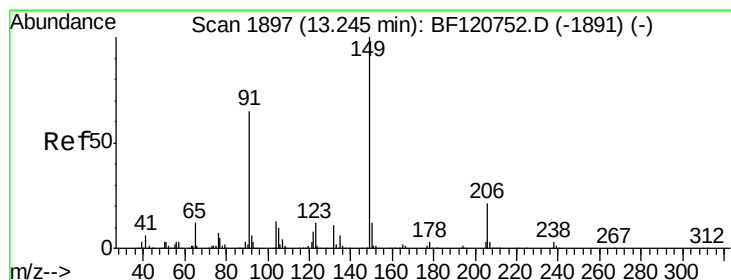
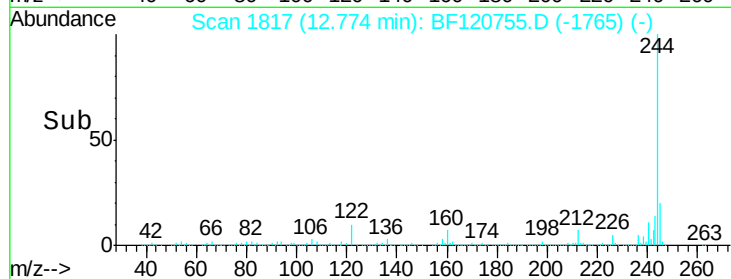
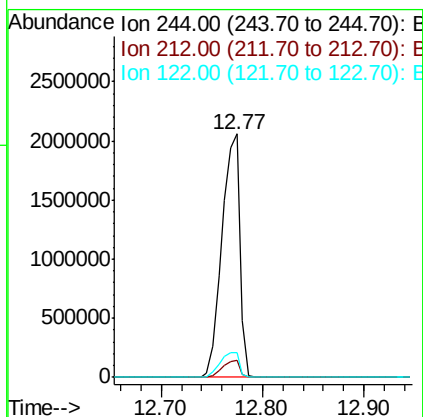
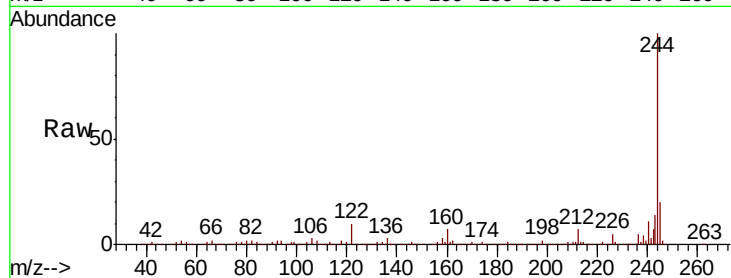


#79  
 Terphenyl-d14  
 Concen: 170.680 ng  
 RT: 12.77 min Scan# 1817  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tot Ion:244 Resp: 2529110  

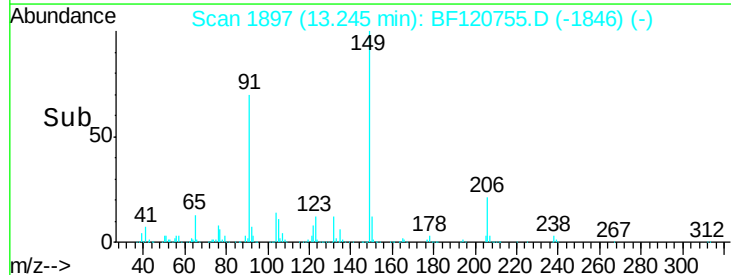
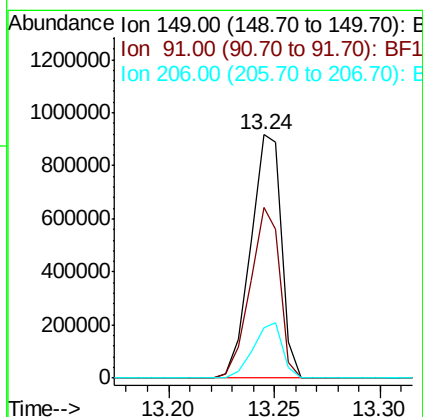
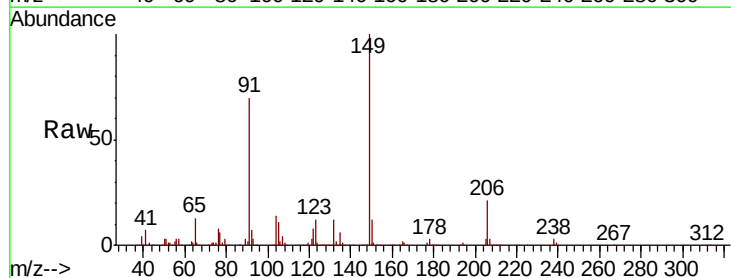
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.1   | 5.5   | 8.3   |
| 122 | 9.9   | 8.2   | 12.4  |

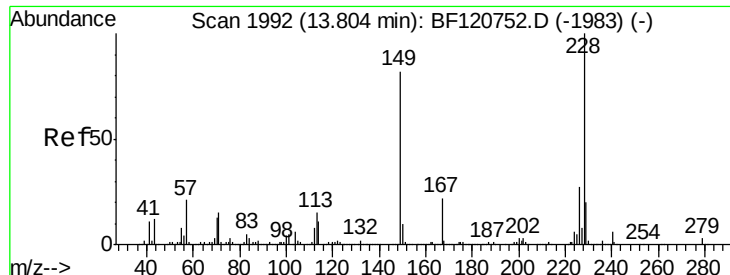


#80  
 Butylbenzylphthalate  
 Concen: 89.967 ng  
 RT: 13.24 min Scan# 1897  
 Delta R.T. -0.00 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

Tgt Ion:149 Resp: 926296  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 69.9  | 52.2  | 78.4  |
| 206 | 20.8  | 17.2  | 25.8  |





#81

Benzo(a)anthracene

Concen: 77.578 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

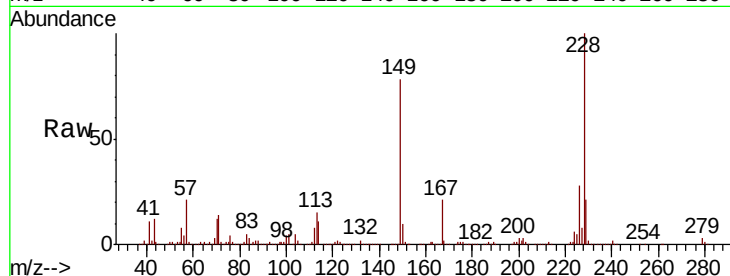
Tot Ion:228 Resp: 1525529

Ion Ratio Lower Upper

228 100

226 28.0 22.0 33.0

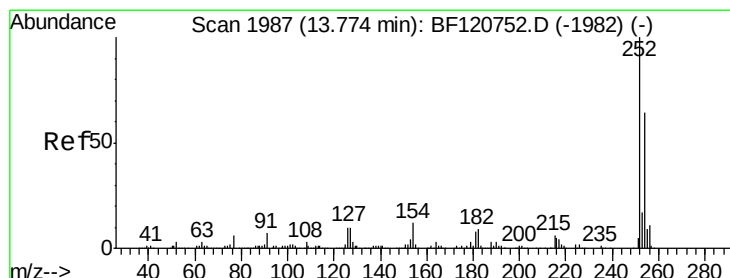
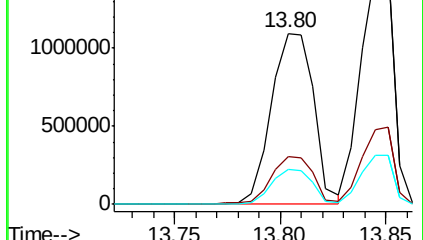
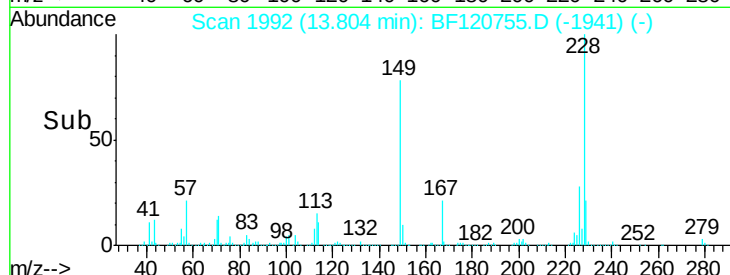
229 20.6 15.6 23.4



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: 79.280 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

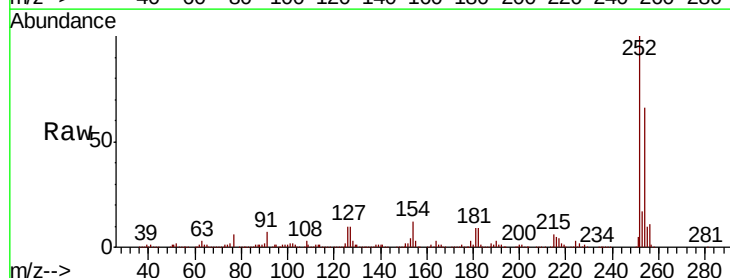
Tgt Ion:252 Resp: 595484

Ion Ratio Lower Upper

252 100

254 65.7 51.2 76.8

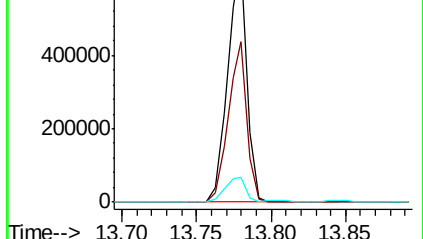
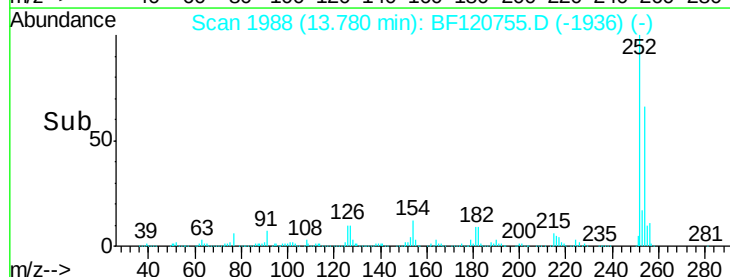
126 10.0 8.2 12.2

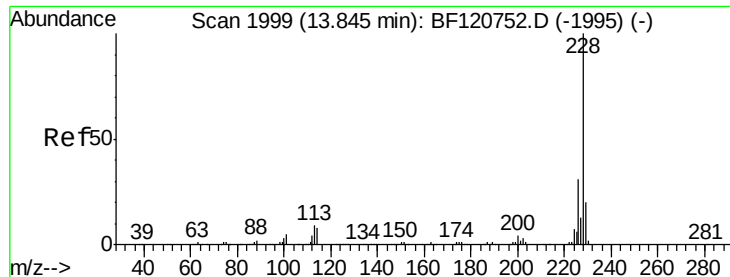


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

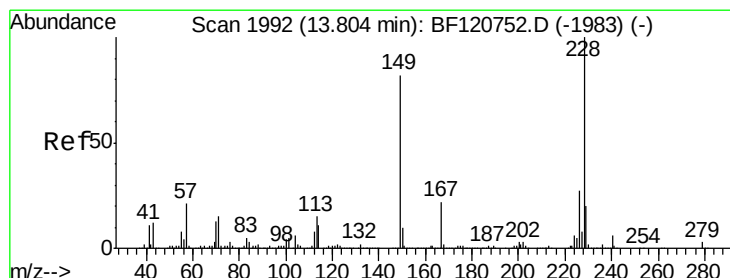
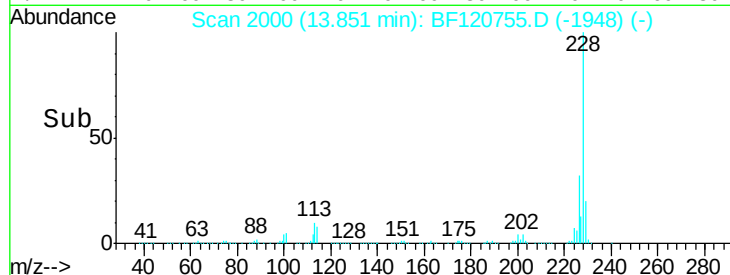
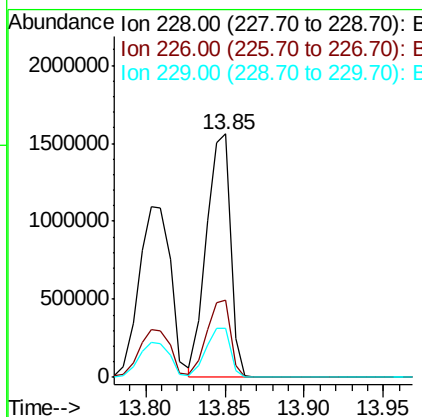
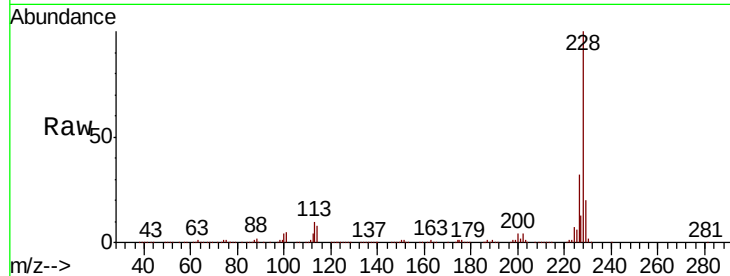




#83  
 Chrvsene  
 Concen: 82.532 ng  
 RT: 13.85 min Scan# 2000  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

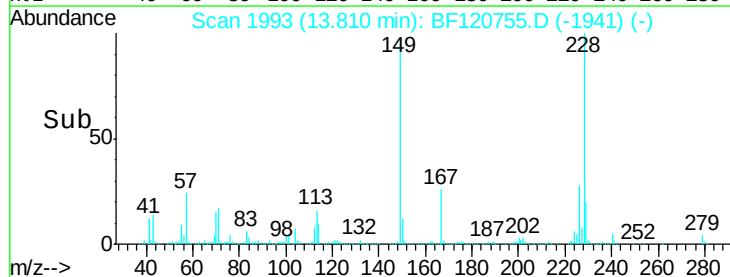
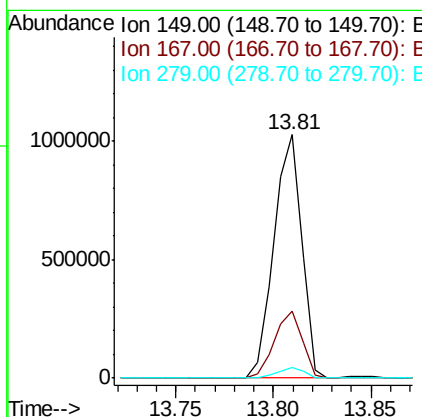
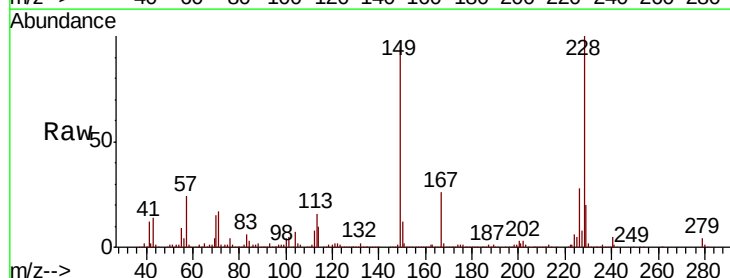
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

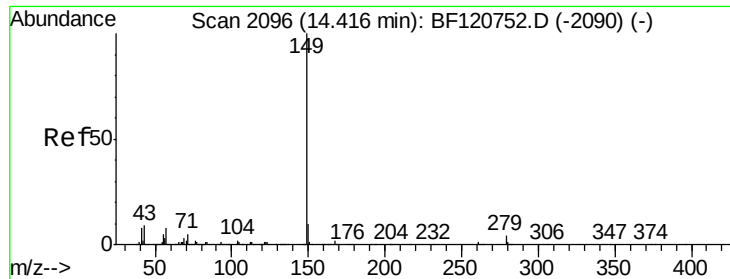
Tot Ion:228 Resp: 1664727  
 Ion Ratio Lower Upper  
 228 100  
 226 31.6 24.7 37.1  
 229 20.0 15.9 23.9



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 81.105 ng  
 RT: 13.81 min Scan# 1993  
 Delta R.T. 0.01 min  
 Lab File: BF120755.D  
 Acq: 1 Jul 2020 17:11

Tgt Ion:149 Resp: 1019124  
 Ion Ratio Lower Upper  
 149 100  
 167 27.3 21.3 31.9  
 279 4.6 2.9 4.3#

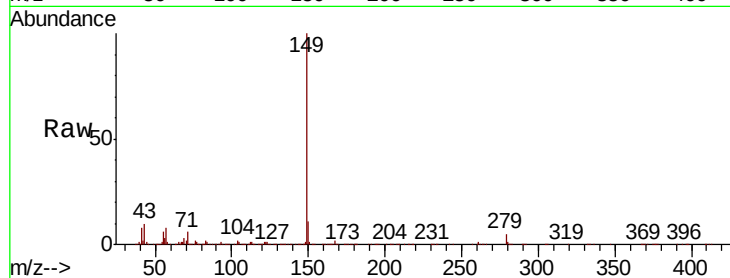




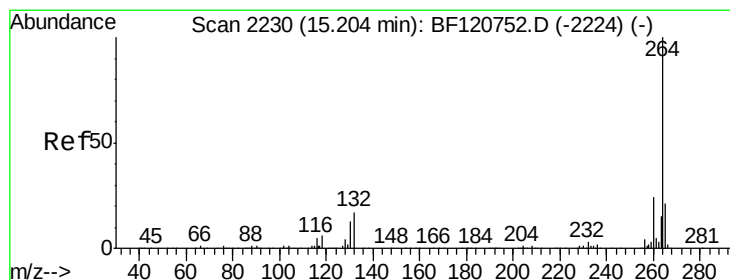
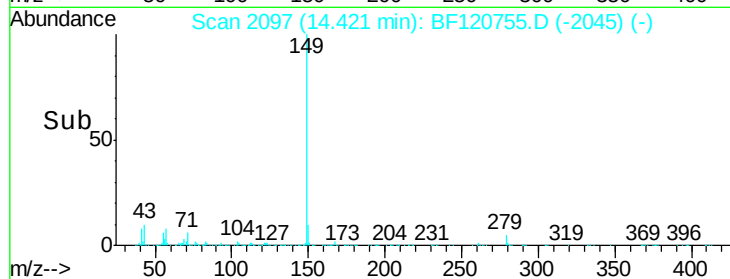
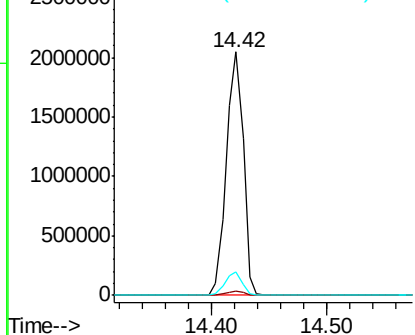
#85  
Di-n-octyl phthalate  
Concen: 86.759 ng  
RT: 14.42 min Scan# 2097  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:149 Resp: 2080541  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.7 7.1 10.7

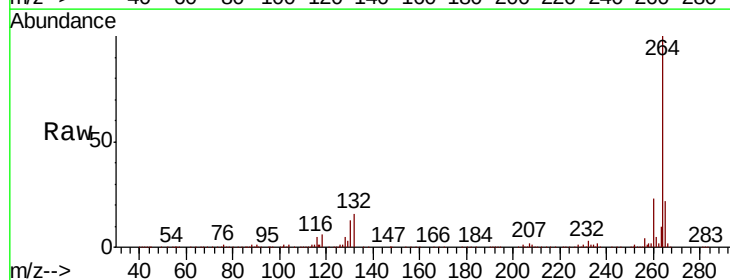


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

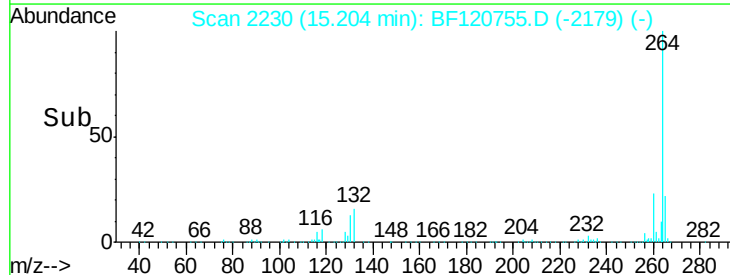
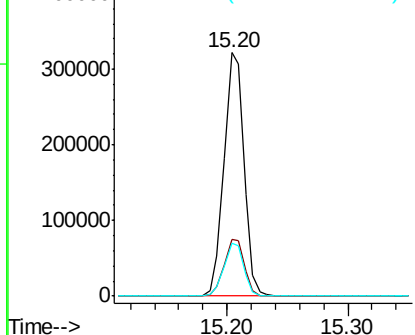


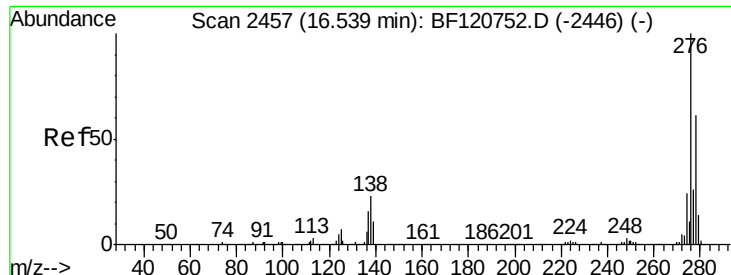
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.20 min Scan# 2230  
Delta R.T. -0.00 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Tgt Ion:264 Resp: 368991  
Ion Ratio Lower Upper  
264 100  
260 23.2 19.0 28.4  
265 21.7 17.0 25.6



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





#87

Indeno(1,2,3-cd)pyrene

Concen: 79.964 ng

RT: 16.55 min Scan# 2459

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

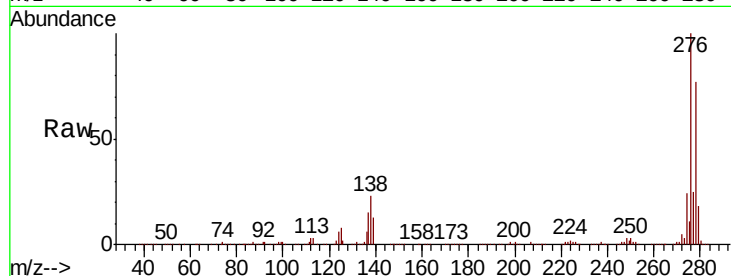
Tot Ion:276 Resp: 1794798

Ion Ratio Lower Upper

276 100

138 23.8 18.7 28.1

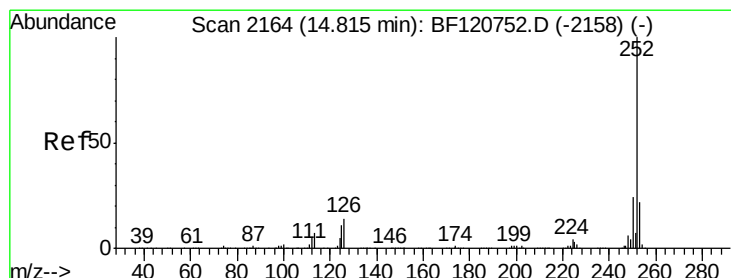
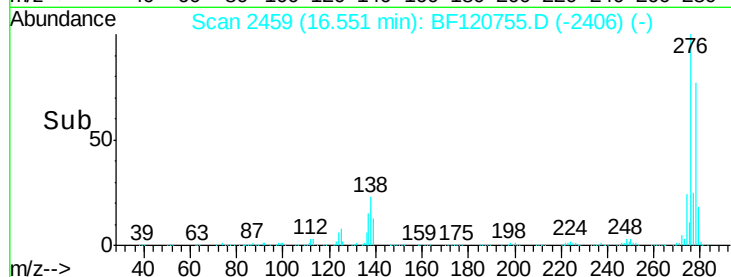
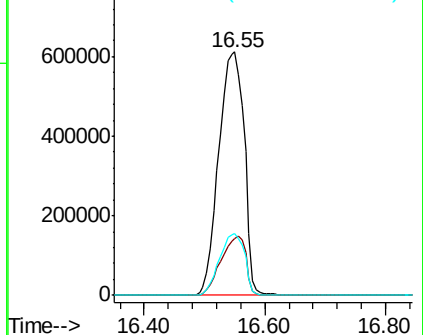
277 25.2 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 82.077 ng

RT: 14.83 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

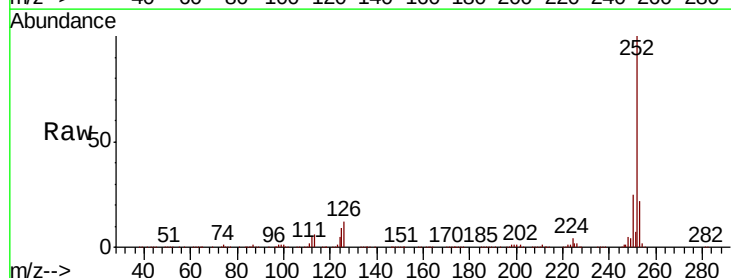
Tgt Ion:252 Resp: 1804044

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

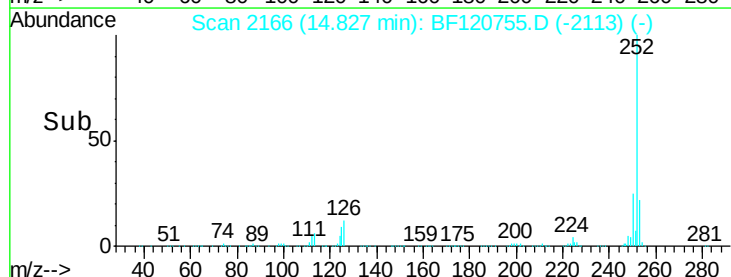
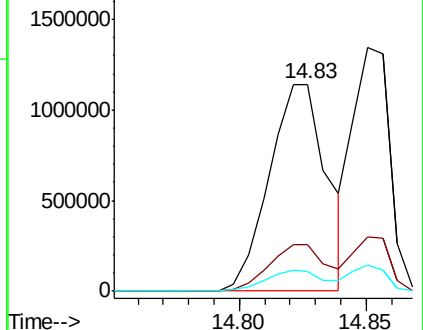
125 9.3 8.6 13.0



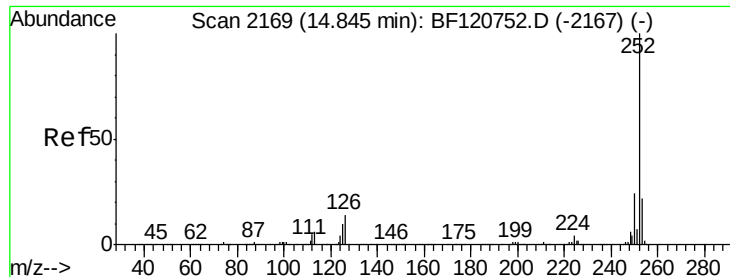
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



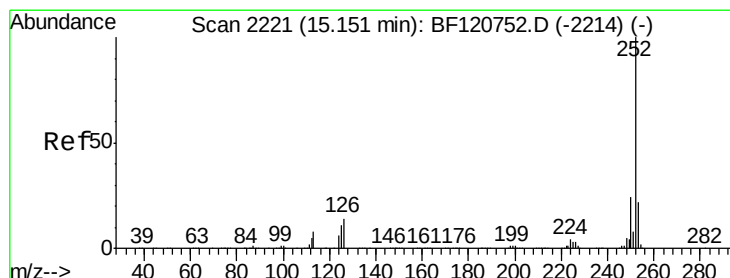
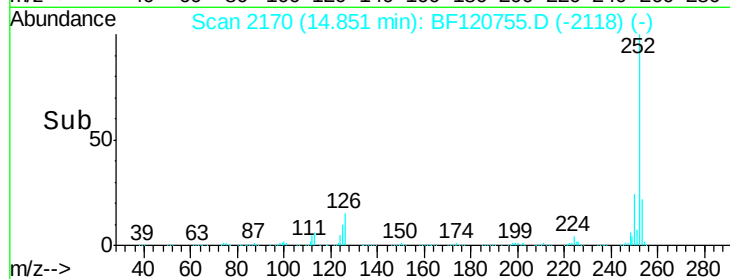
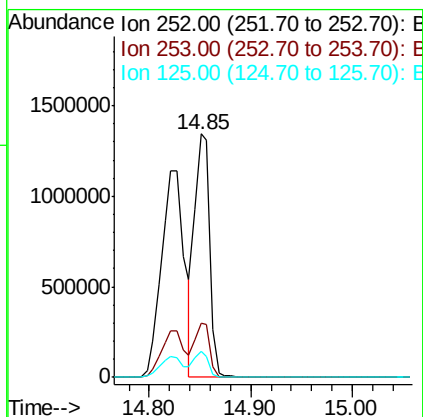
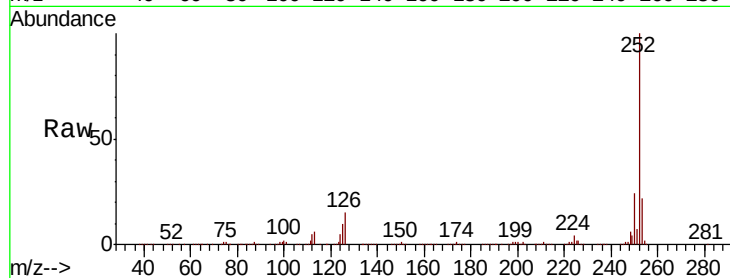




#89  
Benzo(k)fluoranthene  
Concen: 70.989 ng  
RT: 14.85 min Scan# 2170  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

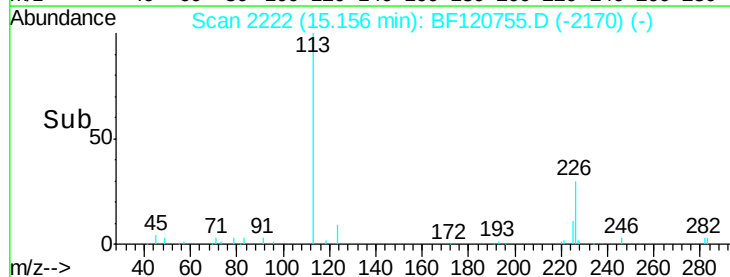
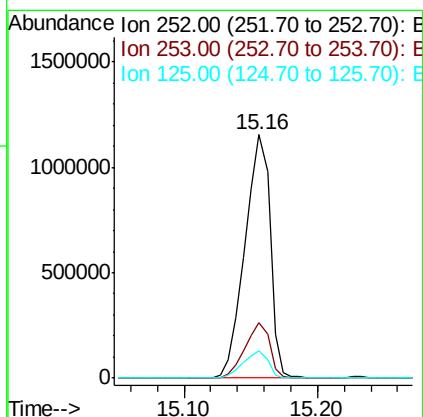
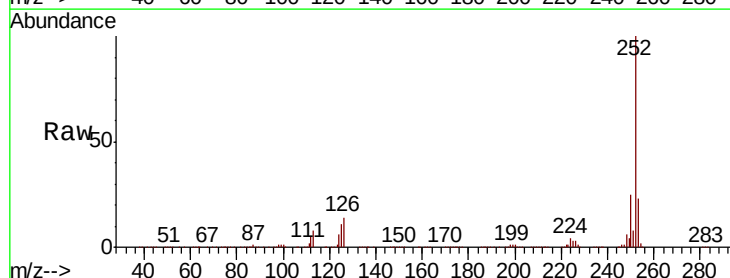
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

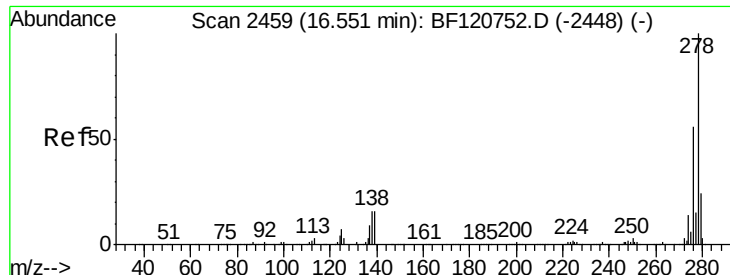
Tot Ion:252 Resp: 1380695  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.8 26.8  
125 10.4 8.4 12.6



#90  
Benzo(a)pyrene  
Concen: 76.625 ng  
RT: 15.16 min Scan# 2222  
Delta R.T. 0.01 min  
Lab File: BF120755.D  
Acq: 1 Jul 2020 17:11

Tgt Ion:252 Resp: 1507313  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.5 26.3  
125 11.1 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 79.971 ng

RT: 16.56 min Scan# 2461

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

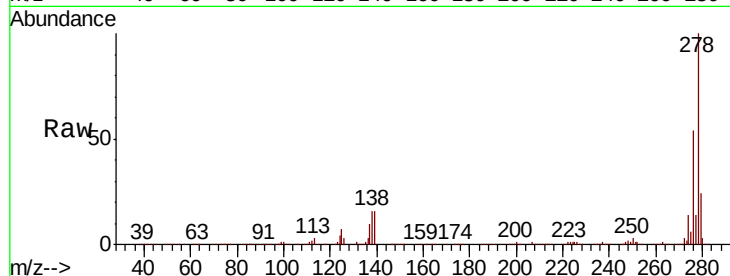
Tot Ion:278 Resp: 1439367

Ion Ratio Lower Upper

278 100

139 16.3 12.6 19.0

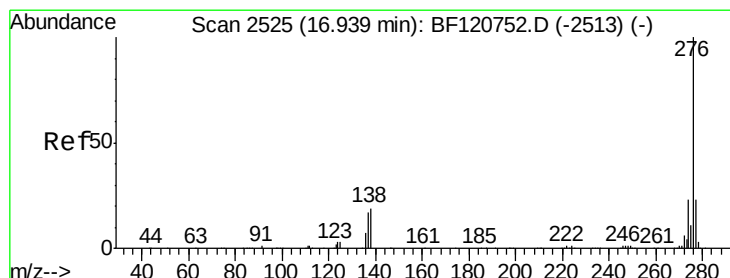
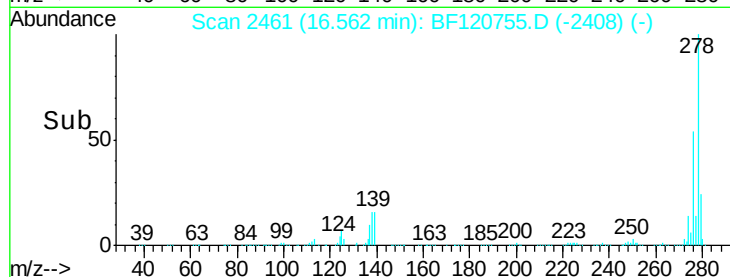
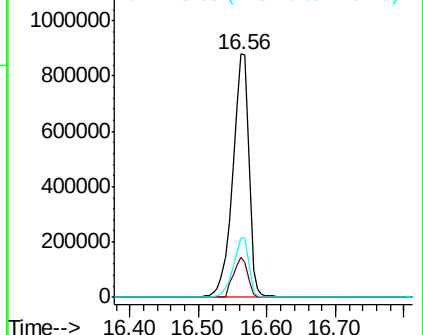
279 24.3 19.3 28.9



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: 82.235 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.01 min

Lab File: BF120755.D

Acq: 1 Jul 2020 17:11

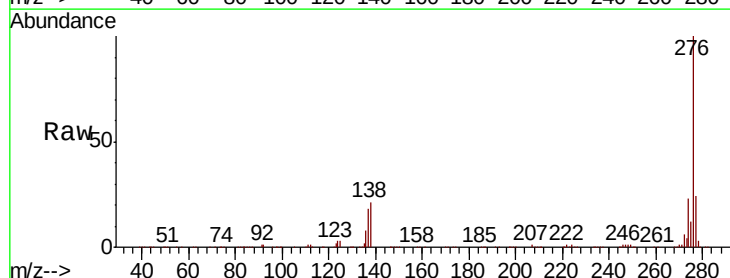
Tgt Ion:276 Resp: 1491909

Ion Ratio Lower Upper

276 100

277 24.3 18.6 27.8

138 21.5 15.5 23.3



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

