

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\  
 Data File : BF118958.D  
 Acq On : 20 Feb 2020 13:43  
 Operator : CG/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Quant Time: Feb 20 15:27:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 20 15:19:38 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.76  | 152  | 161997   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.04  | 136  | 609169   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.79  | 164  | 337828   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.27 | 188  | 630357   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.91 | 240  | 496168   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.33 | 264  | 487545   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.37  | 112 | 418675  | 49.22 | ng | 0.00  |
| 7) Phenol-d6             | 6.39  | 99  | 510625  | 47.49 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.32  | 82  | 466518  | 42.59 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 10.58 | 330 | 184471  | 44.08 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.12  | 172 | 993013  | 47.48 | ng | 0.00  |
| 79) Terphenyl-d14        | 12.85 | 244 | 1243577 | 49.33 | ng | 0.00  |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.45 | 88  | 87437  | 22.939 | ng | 99     |
| 3) Pyridine                    | 3.18 | 79  | 230231 | 21.875 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.10 | 42  | 68687  | 21.191 | ng | 96     |
| 6) Aniline                     | 6.42 | 93  | 315938 | 22.468 | ng | 99     |
| 8) 2-Chlorophenol              | 6.55 | 128 | 225667 | 21.952 | ng | 98     |
| 9) Benzaldehyde                | 6.31 | 77  | 175975 | 27.404 | ng | 98     |
| 10) Phenol                     | 6.41 | 94  | 281536 | 22.902 | ng | 85     |
| 11) bis(2-Chloroethyl)ether    | 6.49 | 93  | 203802 | 21.111 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.70 | 146 | 270639 | 21.946 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.77 | 146 | 266759 | 21.576 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.93 | 146 | 251678 | 22.167 | ng | 99     |
| 15) Benzyl Alcohol             | 6.90 | 79  | 183902 | 21.927 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.04 | 45  | 177732 | 20.418 | ng | 99     |
| 17) 2-Methylphenol             | 7.02 | 107 | 180076 | 21.385 | ng | 98     |
| 18) Hexachloroethane           | 7.27 | 117 | 94199  | 21.208 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.17 | 70  | 149006 | 21.720 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.17 | 107 | 228325 | 23.234 | ng | 91     |
| 22) Acetophenone               | 7.17 | 105 | 295071 | 22.257 | ng | # 96   |
| 24) Nitrobenzene               | 7.34 | 77  | 229077 | 20.655 | ng | 99     |
| 25) Isophorone                 | 7.58 | 82  | 399479 | 20.369 | ng | 100    |
| 26) 2-Nitrophenol              | 7.66 | 139 | 118070 | 19.934 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.70 | 122 | 162564 | 20.508 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.79 | 93  | 264357 | 20.606 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.90 | 162 | 196580 | 20.794 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.99 | 180 | 237252 | 21.391 | ng | 98     |
| 31) Naphthalene                | 8.06 | 128 | 664589 | 21.528 | ng | 100    |
| 32) Benzoic acid               | 7.81 | 122 | 90366  | 15.781 | ng | 98     |
| 33) 4-Chloroaniline            | 8.11 | 127 | 281401 | 21.291 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.19 | 225 | 144597 | 21.073 | ng | 98     |
| 35) Caprolactam                | 8.46 | 113 | 59102  | 20.663 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.59 | 107 | 196844 | 20.838 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.75 | 142 | 449956 | 21.850 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.85 | 142 | 422004 | 21.853 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.92 | 216 | 237835 | 21.945 | ng | 98     |

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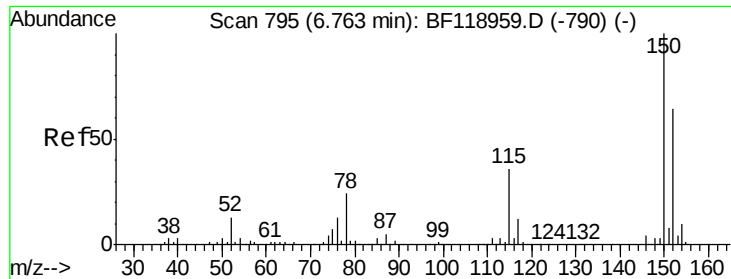
Instrument :  
 BNA\_F  
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
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 QLast Update : Thu Feb 20 15:19:38 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.91  | 237  | 45760    | 14.071 | nq    | 95       |
| 43) 2,4,6-Trichlorophenol      | 9.03  | 196  | 144212   | 20.163 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.07  | 196  | 152622   | 20.581 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 9.22  | 154  | 584788   | 22.516 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.24  | 162  | 457122   | 21.208 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.33  | 65   | 121535   | 20.152 | nq    | 98       |
| 49) Acenaphthylene             | 9.65  | 152  | 674439   | 21.915 | nq    | 99       |
| 50) Dimethylphthalate          | 9.52  | 163  | 533163   | 20.904 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.57  | 165  | 114605   | 20.117 | nq    | 100      |
| 52) Acenaphthene               | 9.83  | 154  | 405130   | 21.625 | nq    | 98       |
| 53) 3-Nitroaniline             | 9.75  | 138  | 129897   | 20.718 | nq    | 97       |
| 54) 2,4-Dinitrophenol          | 9.86  | 184  | 36123    | 14.256 | nq    | 96       |
| 55) Dibenzofuran               | 10.00 | 168  | 625470   | 22.366 | nq    | 97       |
| 56) 4-Nitrophenol              | 9.91  | 139  | 72936    | 18.884 | nq    | 96       |
| 57) 2,4-Dinitrotoluene         | 9.98  | 165  | 154594   | 20.978 | nq    | 97       |
| 58) Fluorene                   | 10.34 | 166  | 488969   | 22.561 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.12 | 232  | 128092   | 20.097 | nq    | 98       |
| 60) Diethylphthalate           | 10.21 | 149  | 515289   | 21.431 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.33 | 204  | 259651   | 22.515 | nq    | 99       |
| 62) 4-Nitroaniline             | 10.35 | 138  | 132994   | 20.605 | nq    | 99       |
| 63) Azobenzene                 | 10.49 | 77   | 448052   | 21.189 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.39 | 198  | 71359    | 18.369 | nq    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.45 | 169  | 432071   | 21.644 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.82 | 248  | 171552   | 21.199 | nq    | 97       |
| 68) Hexachlorobenzene          | 10.89 | 284  | 194780   | 21.024 | nq    | 93       |
| 69) Atrazine                   | 10.97 | 200  | 151460   | 22.668 | nq    | 98       |
| 70) Pentachlorophenol          | 11.09 | 266  | 67495    | 17.017 | nq    | 99       |
| 71) Phenanthrene               | 11.30 | 178  | 745921   | 22.535 | nq    | 99       |
| 72) Anthracene                 | 11.35 | 178  | 736532   | 22.240 | nq    | 99       |
| 73) Carbazole                  | 11.50 | 167  | 656775   | 22.126 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.83 | 149  | 808575   | 21.469 | nq    | 100      |
| 75) Fluoranthene               | 12.48 | 202  | 795775   | 21.582 | nq    | 100      |
| 77) Benzidine                  | 12.60 | 184  | 431375   | 27.156 | nq    | 98       |
| 78) Pyrene                     | 12.71 | 202  | 805136   | 22.486 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.33 | 149  | 322749   | 20.570 | nq    | 96       |
| 81) Benzo(a)anthracene         | 13.90 | 228  | 701485   | 23.071 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.86 | 252  | 268141   | 22.664 | nq    | 99       |
| 83) Chrysene                   | 13.93 | 228  | 699573   | 22.951 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.89 | 149  | 437800   | 22.019 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.50 | 149  | 676630   | 21.109 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.73 | 276  | 617127   | 20.571 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 14.92 | 252  | 684456   | 20.825 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 14.95 | 252  | 631804   | 21.632 | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.27 | 252  | 583295   | 20.599 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.74 | 278  | 511296   | 19.923 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.15 | 276  | 487722   | 19.261 | nq    | 98       |

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



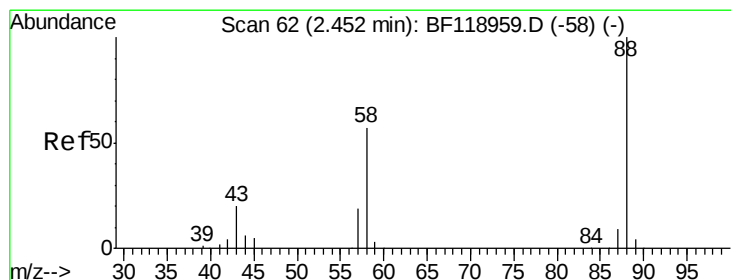
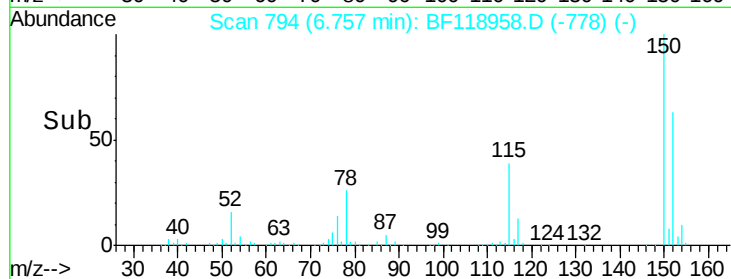
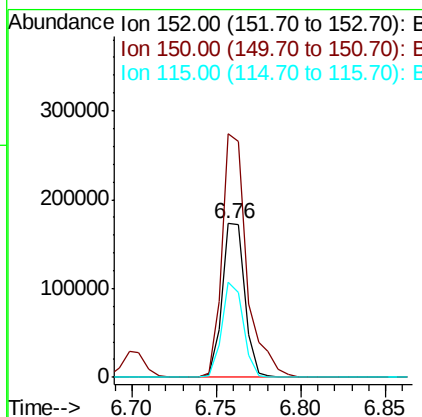
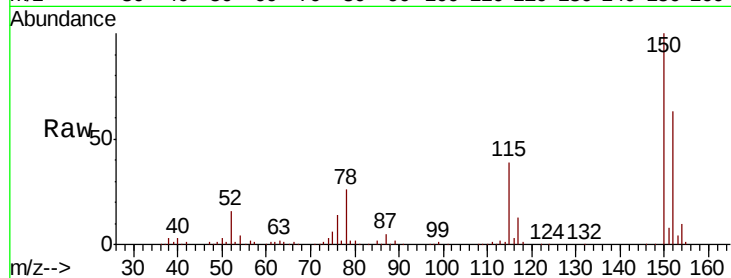


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.76 min Scan# 794  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Instrument :  
BNA\_F  
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SSTDIC020

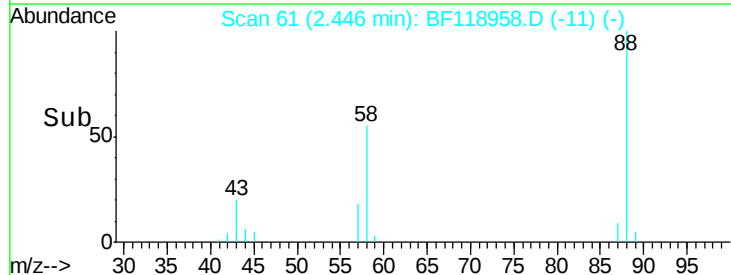
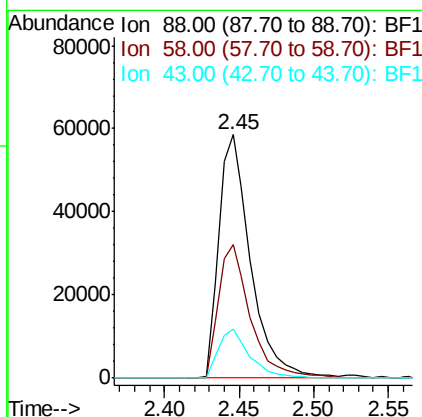
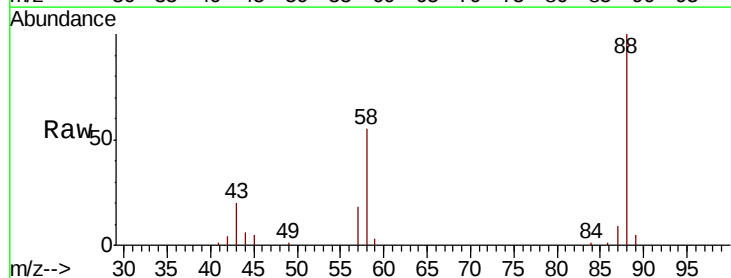
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.4 | 124.3 | 186.5 |
| 115     | 62.1  | 44.6  | 67.0  |



#2

1,4-Dioxane  
Concen: 22.939 ng  
RT: 2.45 min Scan# 61  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 54.7  | 44.6  | 66.8  |
| 43      | 19.7  | 16.0  | 24.0  |





#3

Pvridine

Concen: 21.875 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDIC020

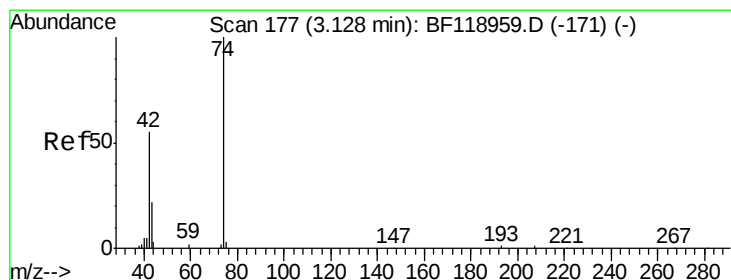
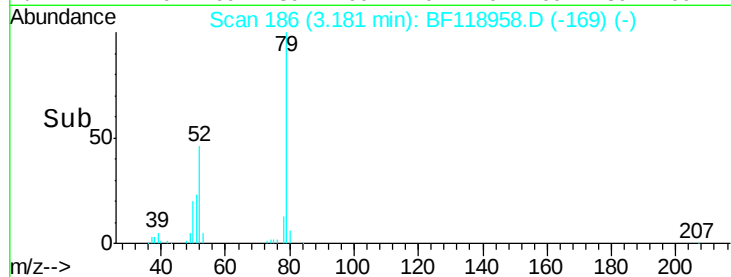
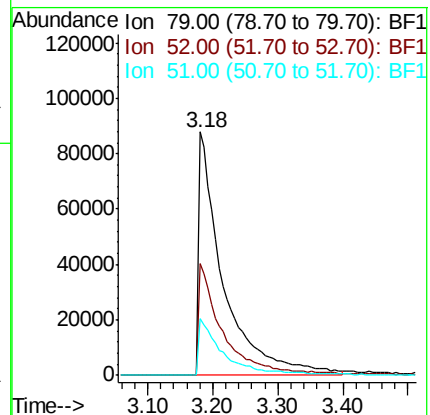
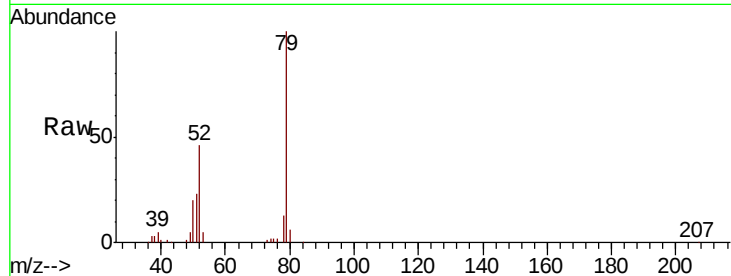
Tot Ion: 79 Resp: 230231

Ion Ratio Lower Upper

79 100

52 45.9 36.3 54.5

51 23.5 19.5 29.3



#4

n-Nitrosodimethylamine

Concen: 21.191 ng

RT: 3.10 min Scan# 173

Delta R.T. -0.02 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

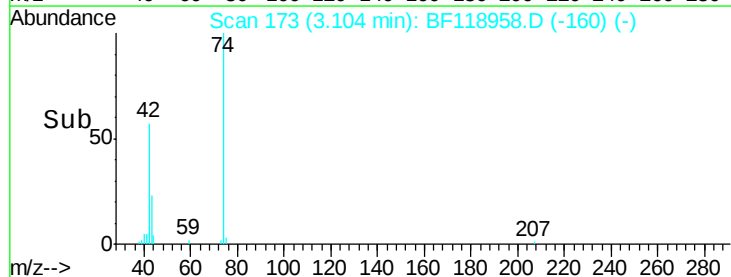
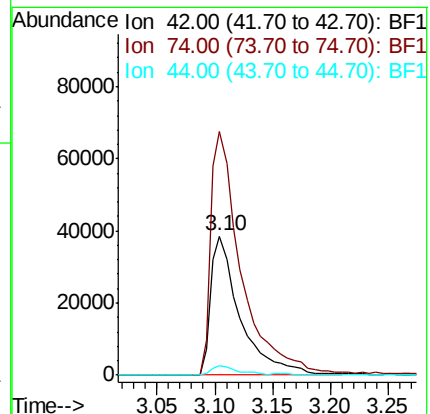
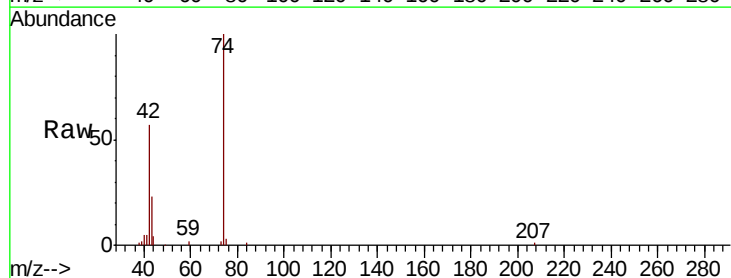
Tgt Ion: 42 Resp: 68687

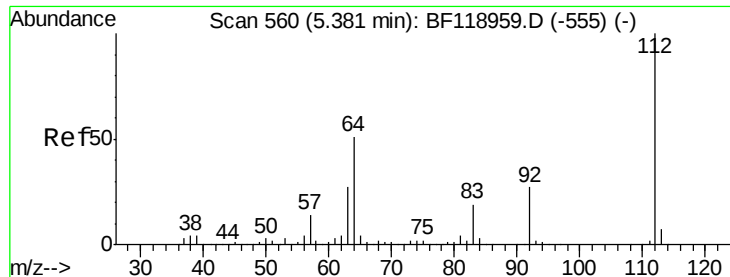
Ion Ratio Lower Upper

42 100

74 174.8 144.4 216.6

44 6.5 4.5 6.7





#5

2-Fluorophenol

Concen: 49.221 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

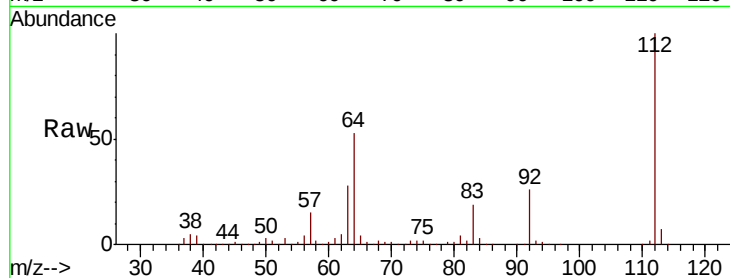
Tot Ion:112 Resp: 418675

Ion Ratio Lower Upper

112 100

64 52.7 40.4 60.6

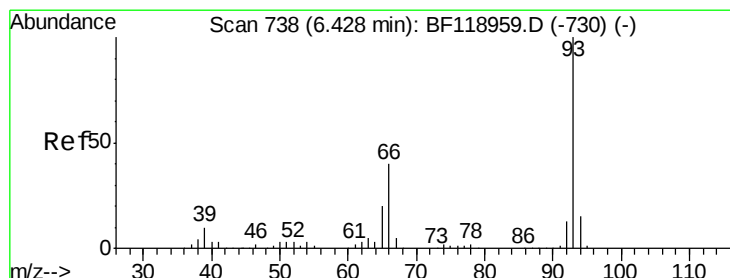
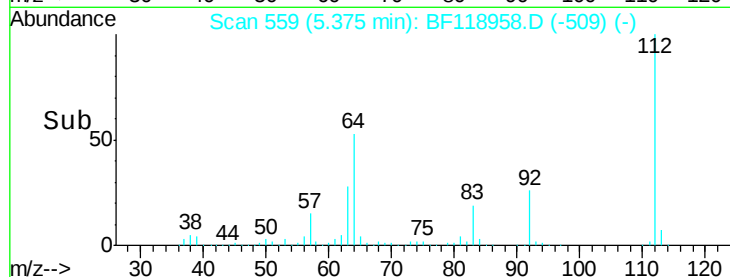
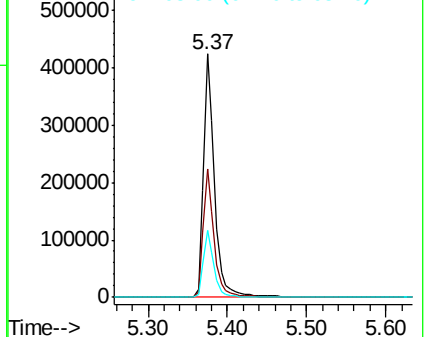
63 27.6 21.3 31.9



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: 22.468 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

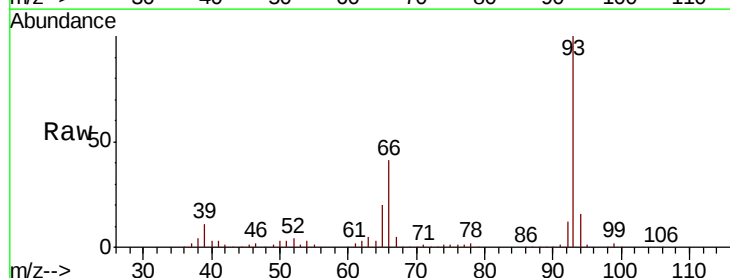
Tgt Ion: 93 Resp: 315938

Ion Ratio Lower Upper

93 100

66 41.0 32.2 48.2

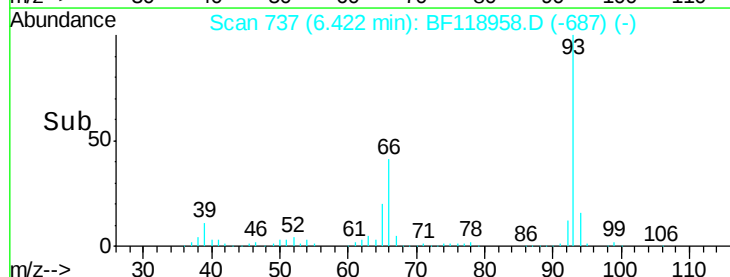
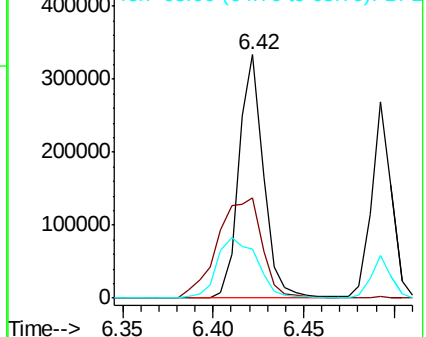
65 20.3 16.1 24.1



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: 47.488 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

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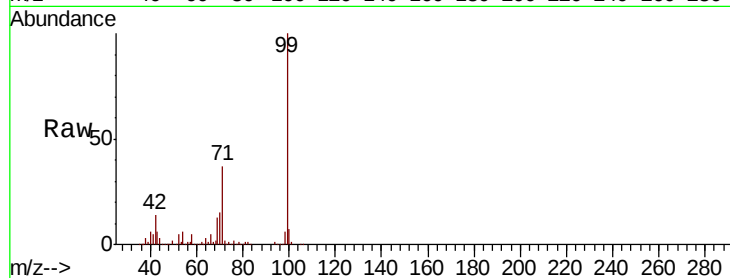
Tot Ion: 99 Resp: 510625

Ion Ratio Lower Upper

99 100

42 13.9 11.4 17.0

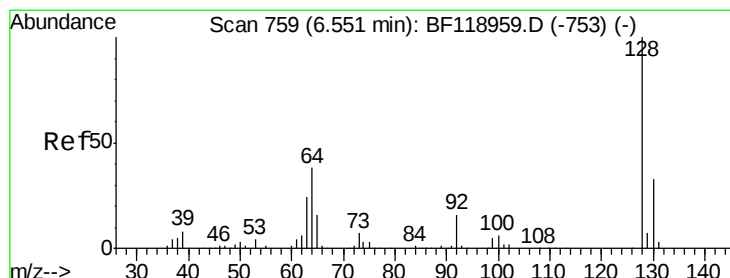
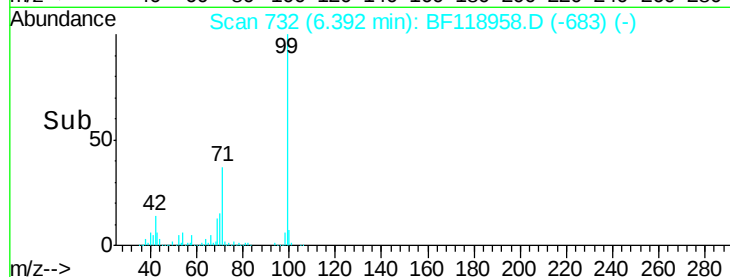
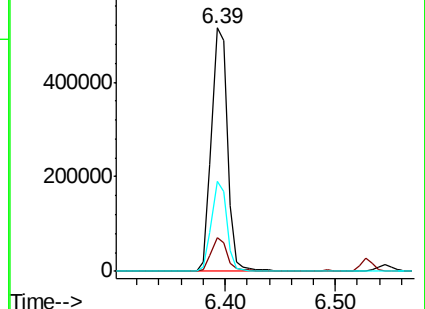
71 37.0 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 21.952 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

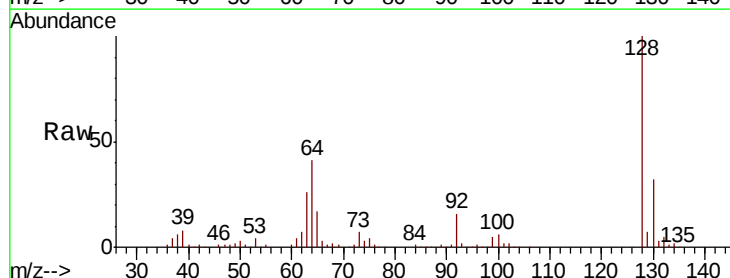
Tgt Ion: 128 Resp: 225667

Ion Ratio Lower Upper

128 100

130 32.3 12.7 52.7

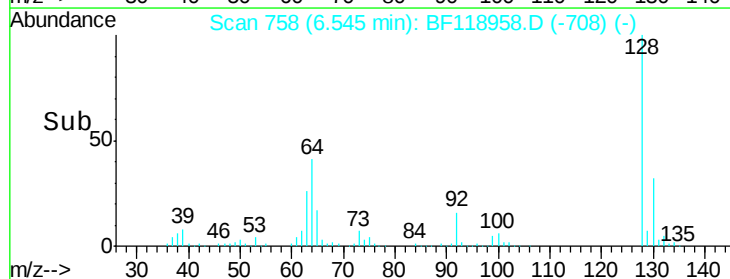
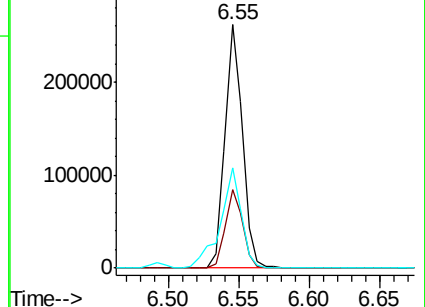
64 40.9 18.7 58.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.404 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

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SSTDIC020

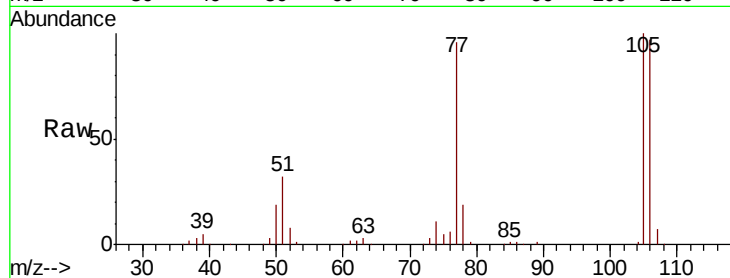
Tot Ion: 77 Resp: 175975

Ion Ratio Lower Upper

77 100

105 104.3 83.0 123.0

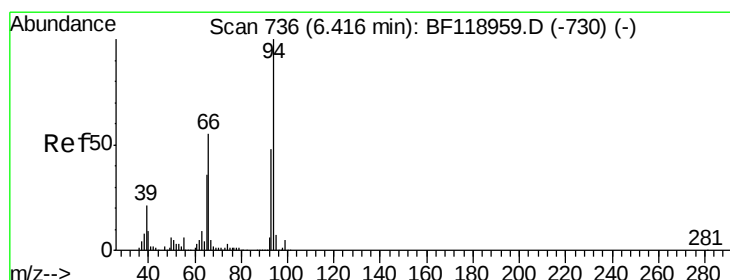
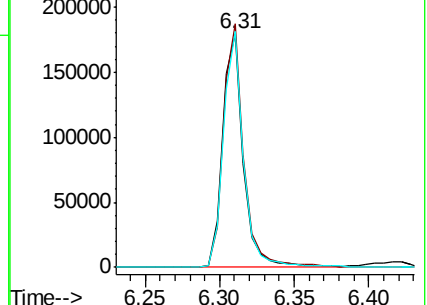
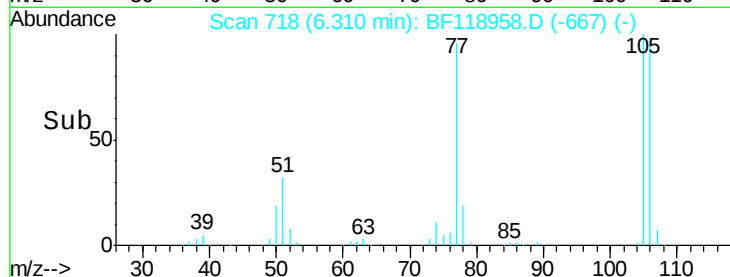
106 101.3 78.3 118.3



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: 22.902 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

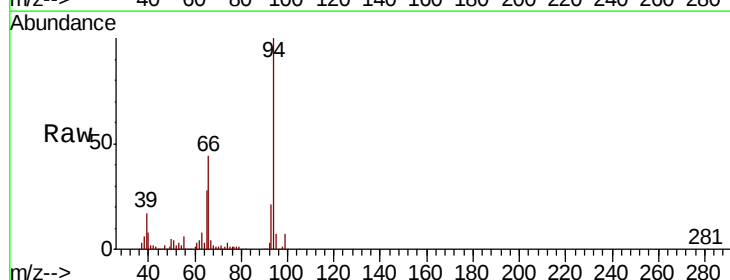
Tgt Ion: 94 Resp: 281536

Ion Ratio Lower Upper

94 100

65 28.3 15.5 55.5

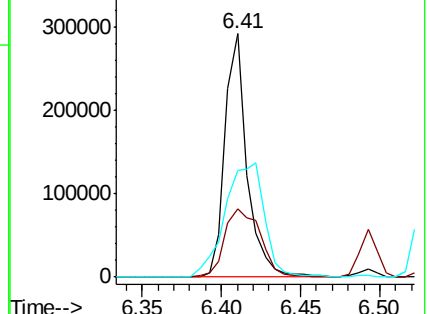
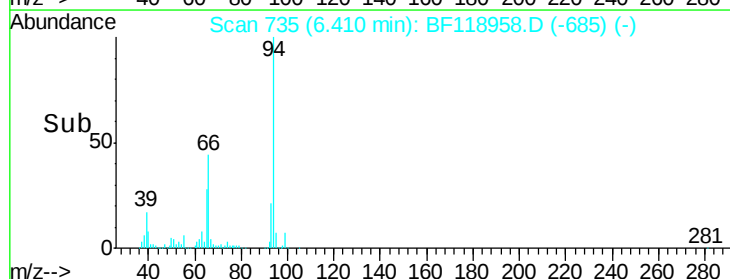
66 43.6 35.6 75.6



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

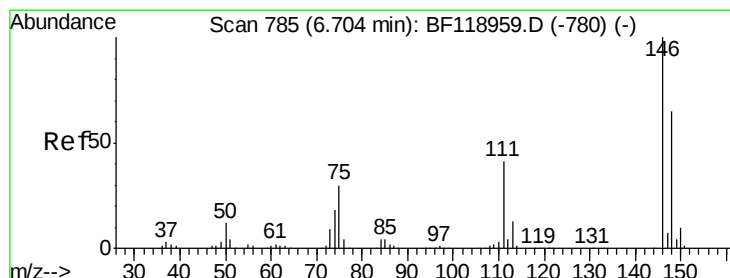
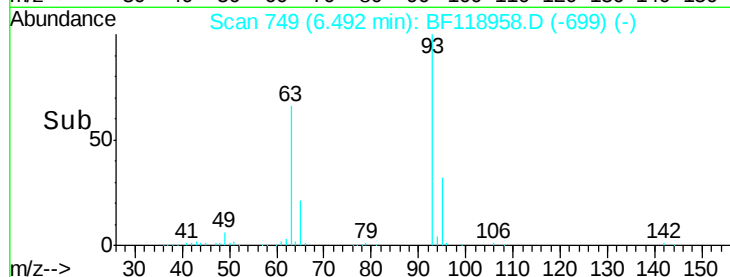
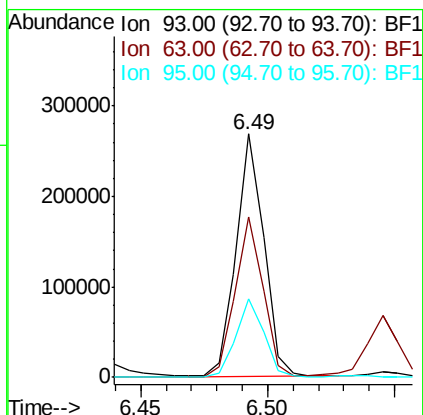
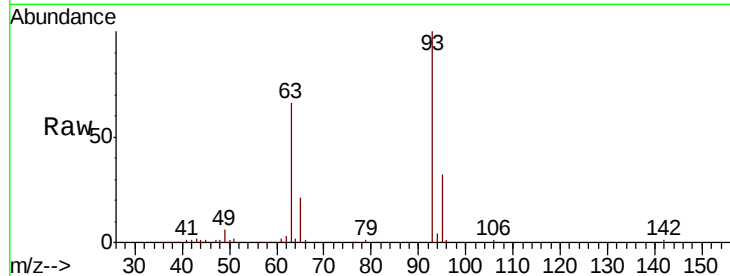




#11  
bis(2-Chloroethyl)ether  
Concen: 21.111 ng  
RT: 6.49 min Scan# 749  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

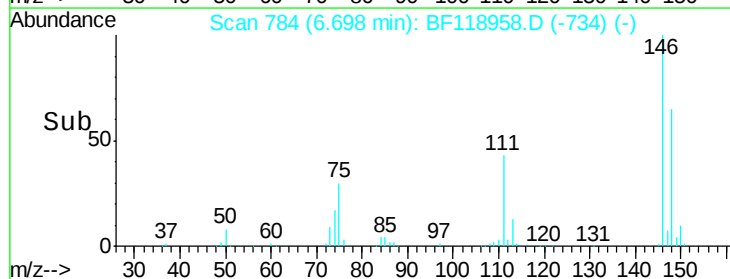
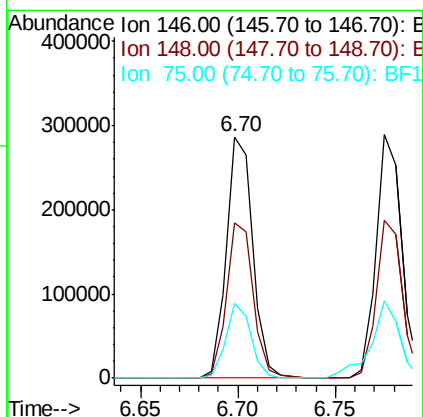
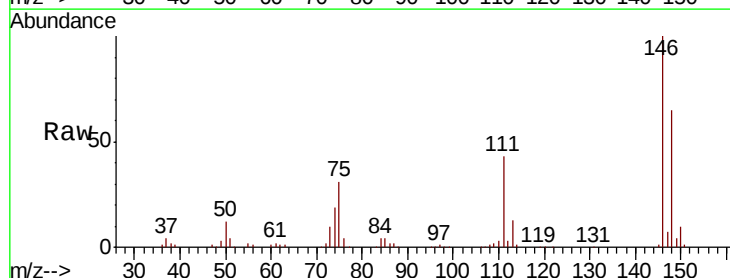
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

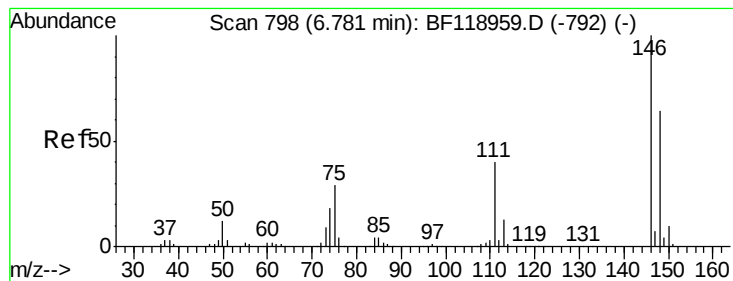
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 203802 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 66.0  | 46.8  | 86.8   |
| 95       | 32.1  | 12.7  | 52.7   |



#12  
1,3-Dichlorobenzene  
Concen: 21.946 ng  
RT: 6.70 min Scan# 784  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 270639 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.5  | 51.7  | 77.5   |
| 75       | 30.7  | 23.6  | 35.4   |





#13

1,4-Dichlorobenzene

Concen: 21.576 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDIC020

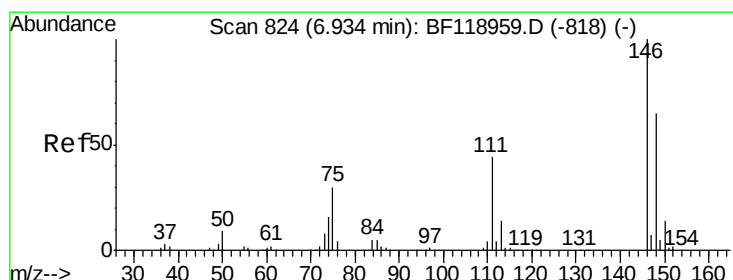
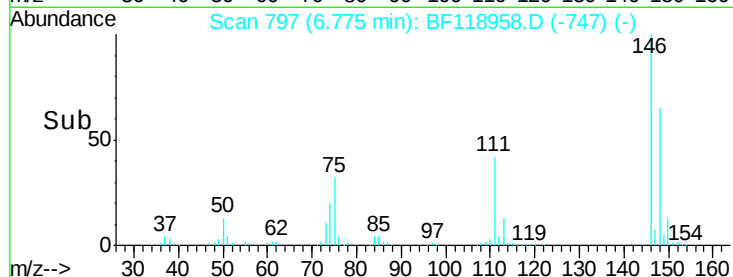
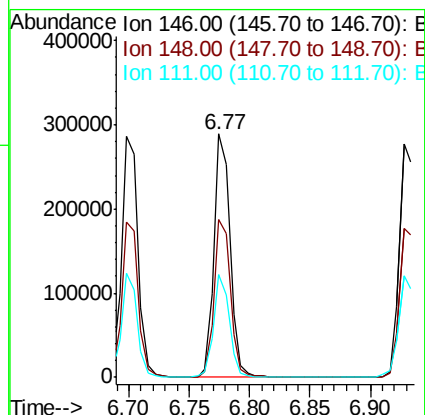
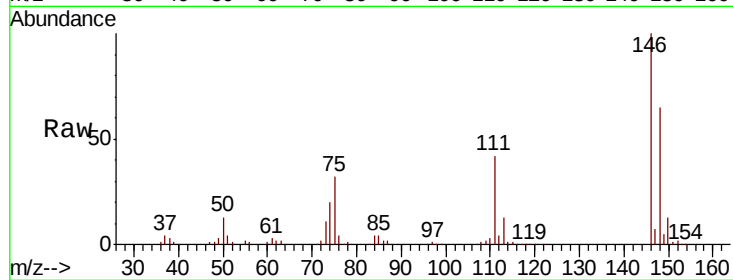
Tot Ion:146 Resp: 266759

Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.2

111 42.2 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 22.167 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

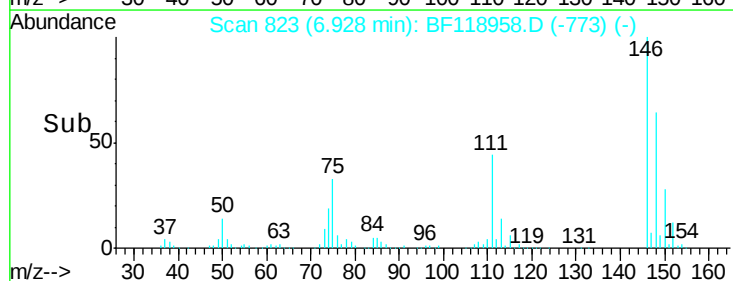
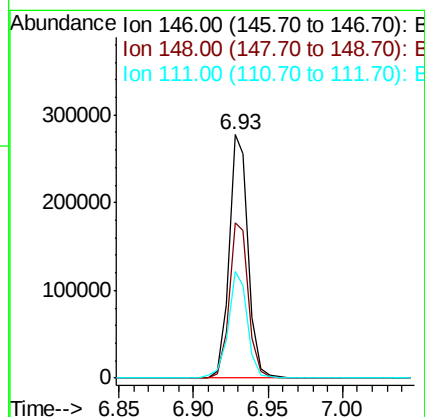
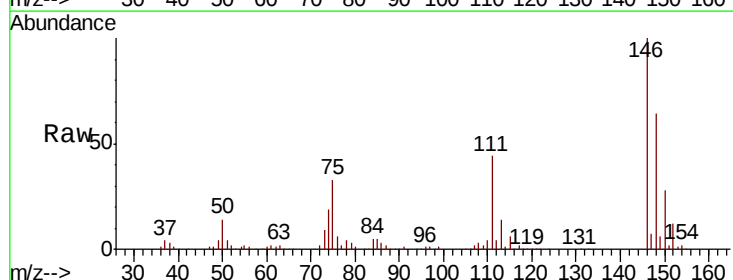
Tgt Ion:146 Resp: 251678

Ion Ratio Lower Upper

146 100

148 63.9 52.1 78.1

111 43.6 35.5 53.3





#15

Benzyl Alcohol

Concen: 21.927 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDIC020

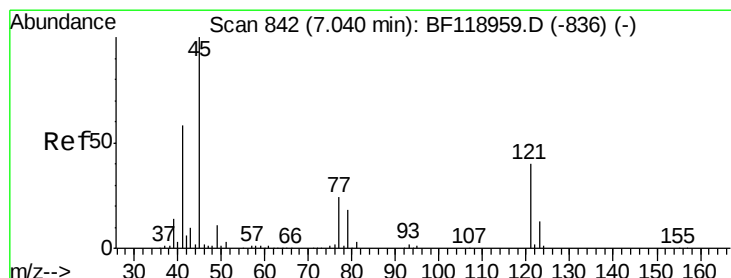
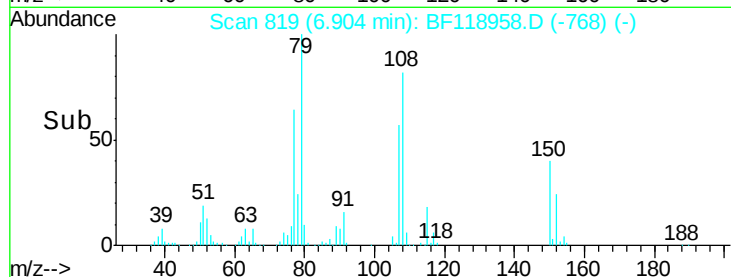
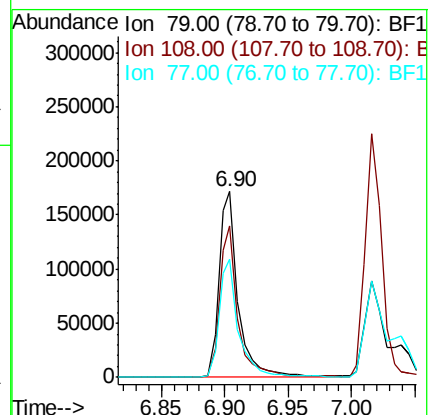
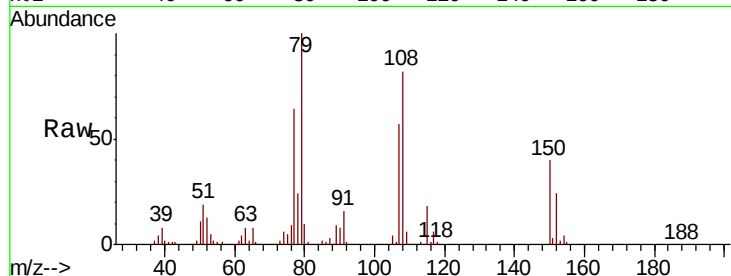
Tot Ion: 79 Resp: 183902

Ion Ratio Lower Upper

79 100

108 81.6 61.1 91.7

77 63.7 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.418 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

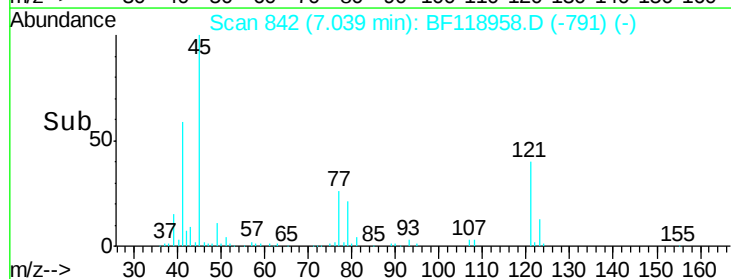
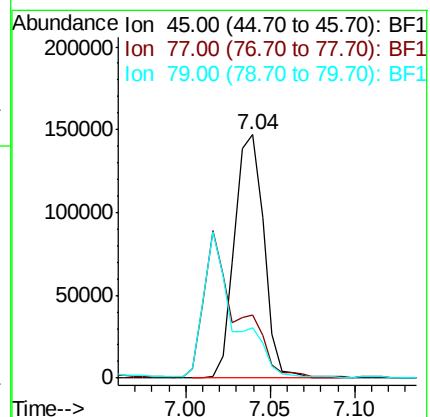
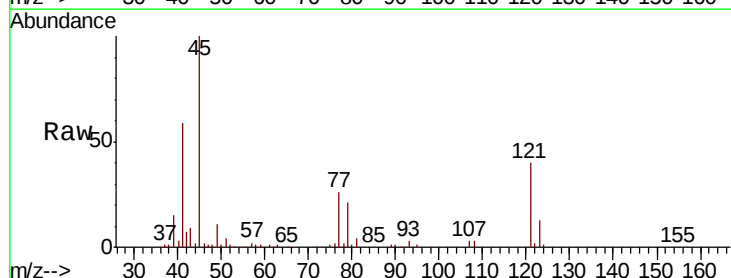
Tgt Ion: 45 Resp: 177732

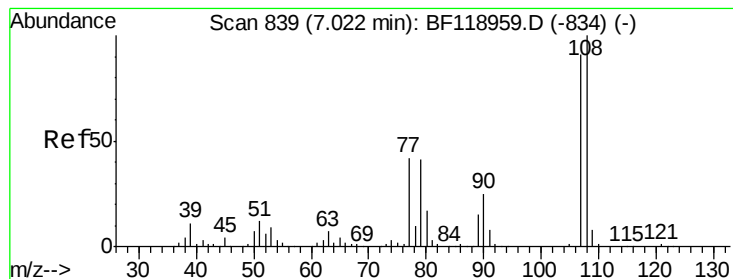
Ion Ratio Lower Upper

45 100

77 25.7 6.1 46.1

79 20.6 0.5 40.5

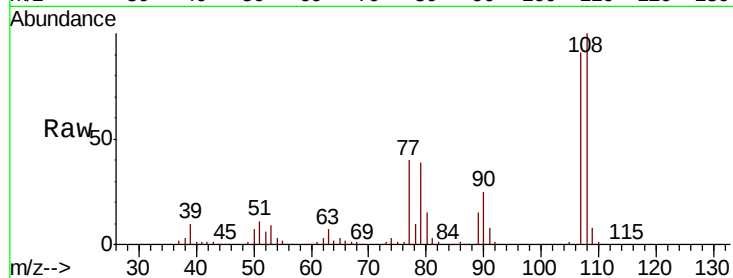




#17  
2-Methylphenol  
Concen: 21.385 ng  
RT: 7.02 min Scan# 838  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 110.3 | 87.7  | 131.5 |
| 77      | 43.9  | 36.8  | 55.2  |
| 79      | 43.5  | 36.4  | 54.6  |



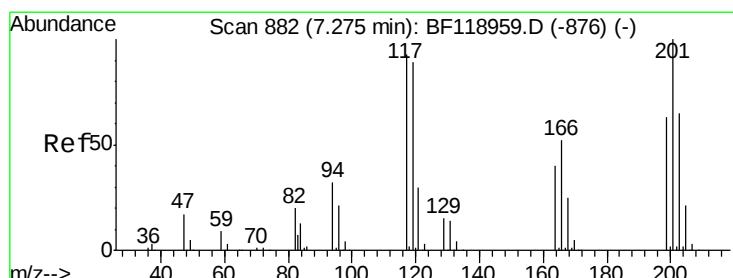
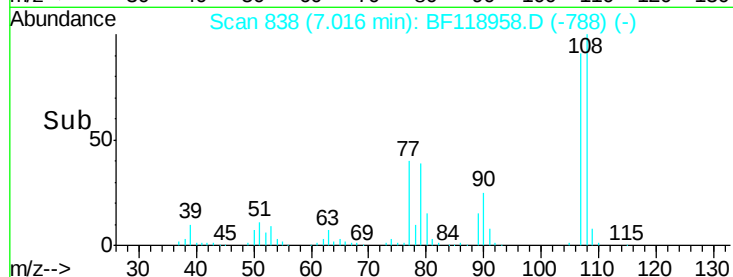
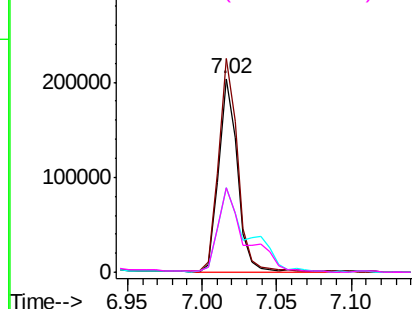
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

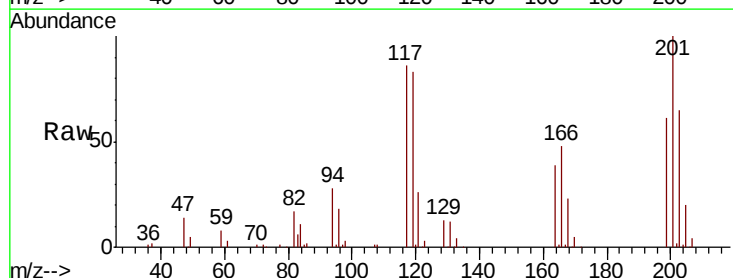
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 21.208 ng  
RT: 7.27 min Scan# 882  
Delta R.T. -0.00 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.2  | 77.0  | 115.6 |
| 201     | 115.8 | 86.4  | 129.6 |

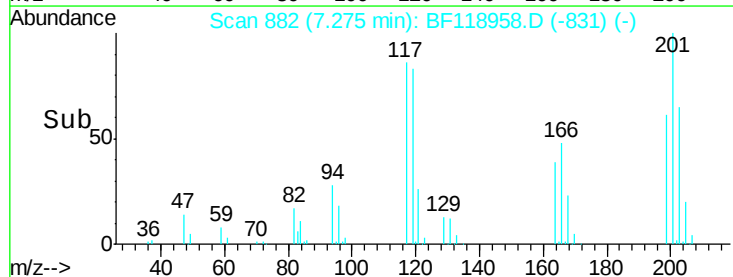
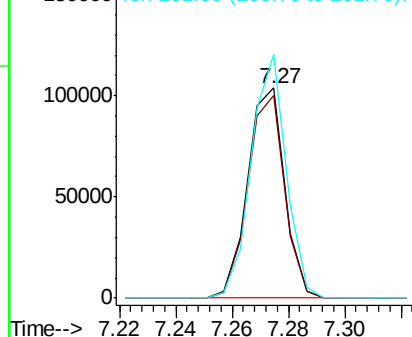


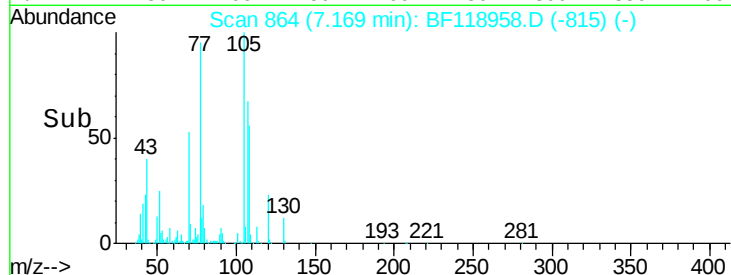
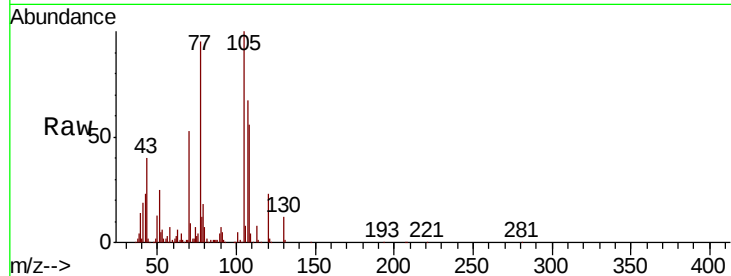
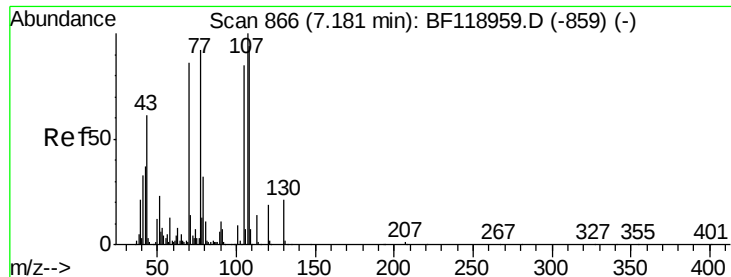
Abundance

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

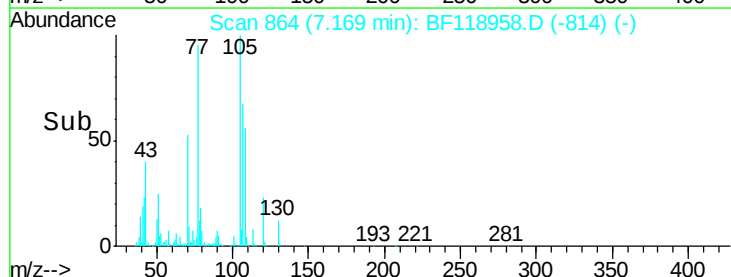
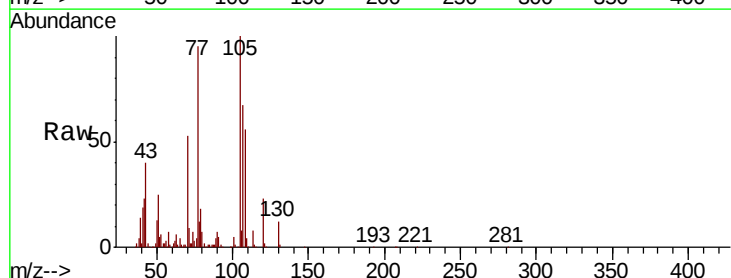
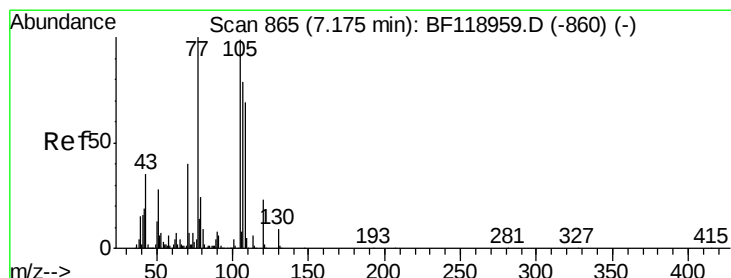
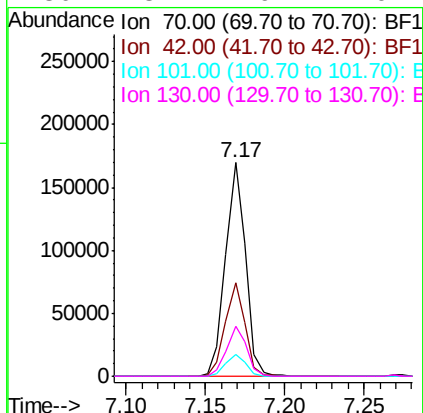




#19  
n-Nitroso-di-n-propylamine  
Concen: 21.720 ng  
RT: 7.17 min Scan# 864  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

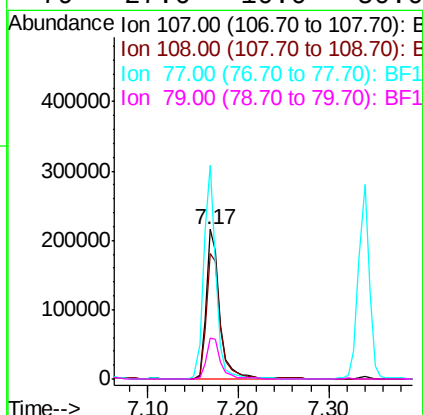
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

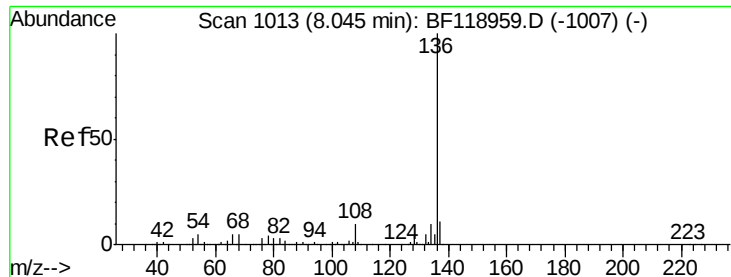
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 149006 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 44.0  | 34.6  | 51.8   |
| 101      | 10.1  | 8.1   | 12.1   |
| 130      | 23.4  | 19.4  | 29.2   |



#20  
3+4-Methylphenols  
Concen: 23.234 ng  
RT: 7.17 min Scan# 864  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 228325 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 84.3  | 67.0  | 107.0  |
| 77       | 143.0 | 106.2 | 146.2  |
| 79       | 27.6  | 10.0  | 50.0   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tot Ion:136 Resp: 609169

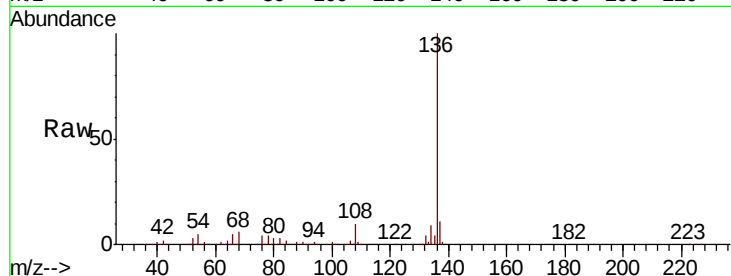
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 5.3 3.8 5.6

68 5.5 4.2 6.2

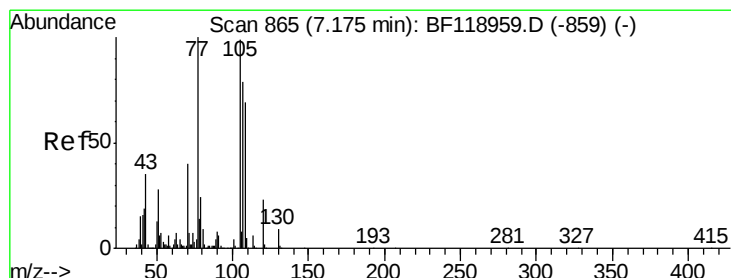
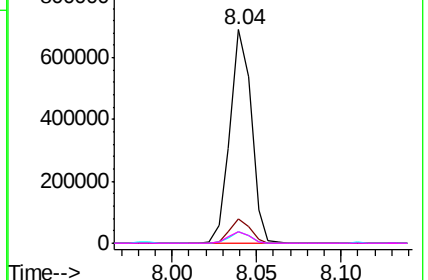
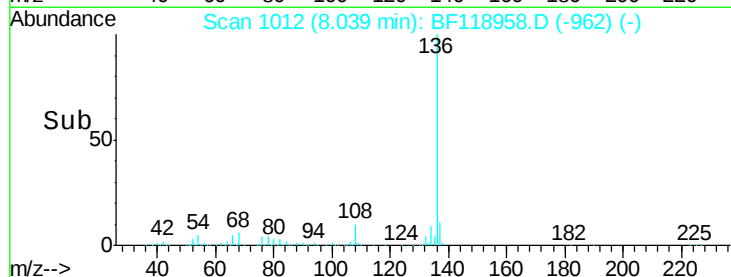


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 22.257 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Tgt Ion:105 Resp: 295071

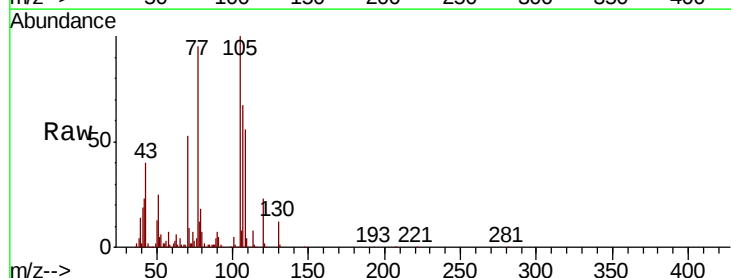
Ion Ratio Lower Upper

105 100

71 8.6 5.4 8.0#

51 25.3 22.5 33.7

120 23.4 18.4 27.6

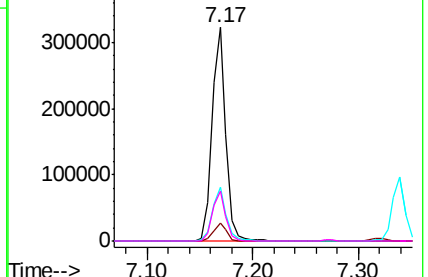
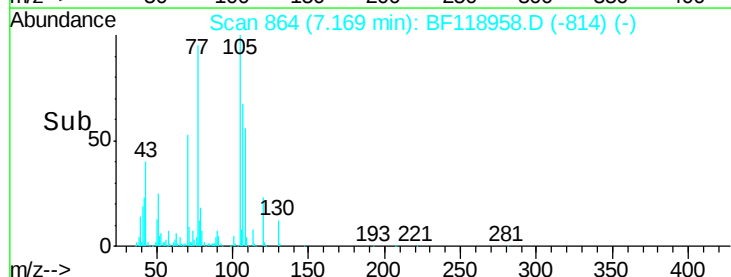


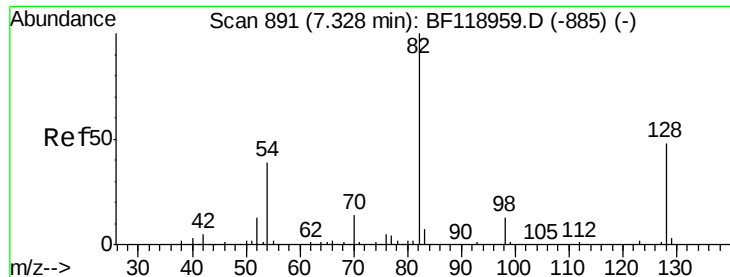
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

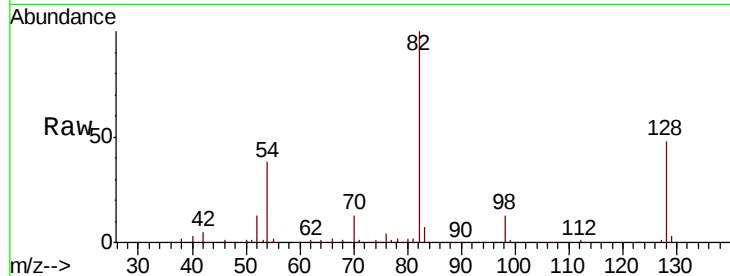




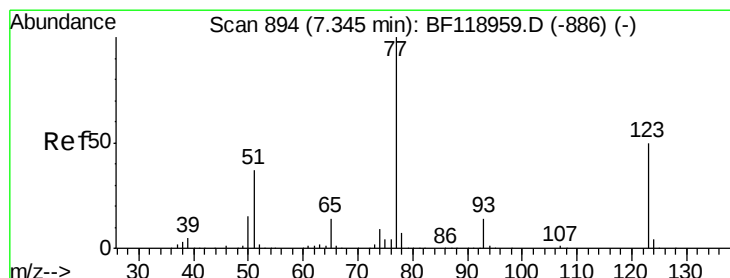
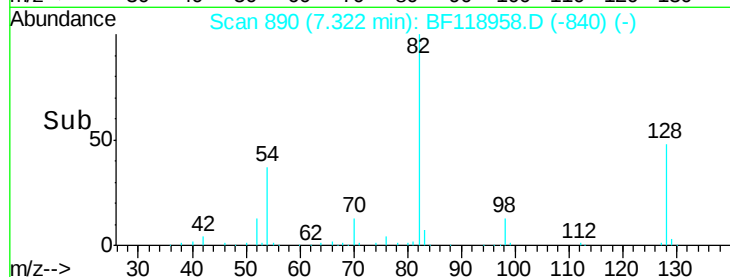
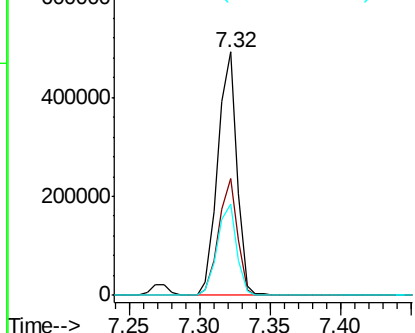
#23  
Nitrobenzene-d5  
Concen: 42.595 ng  
RT: 7.32 min Scan# 890  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

Tot Ion: 82 Resp: 466518  
Ion Ratio Lower Upper  
82 100  
128 48.1 38.2 57.2  
54 37.5 31.3 46.9

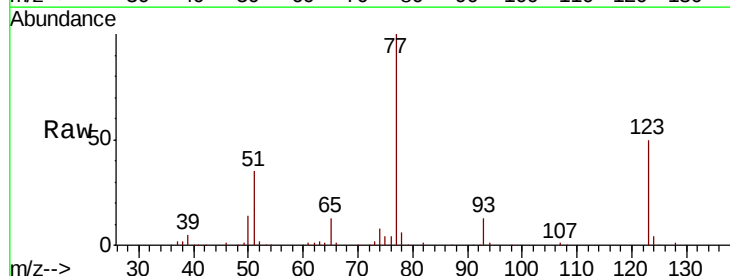


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

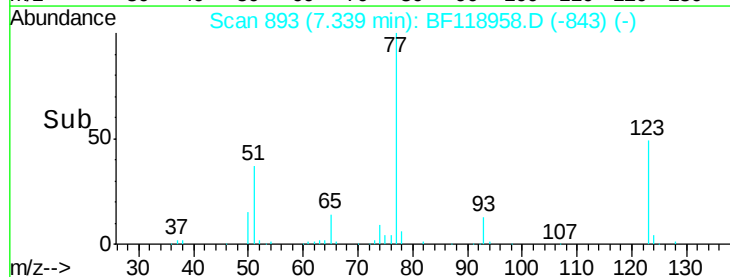
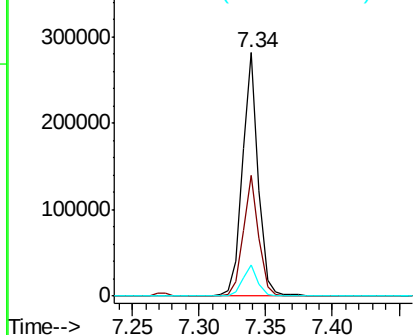


#24  
Nitrobenzene  
Concen: 20.655 ng  
RT: 7.34 min Scan# 893  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Tgt Ion: 77 Resp: 229077  
Ion Ratio Lower Upper  
77 100  
123 49.7 40.1 60.1  
65 12.7 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: 20.369 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDIC020

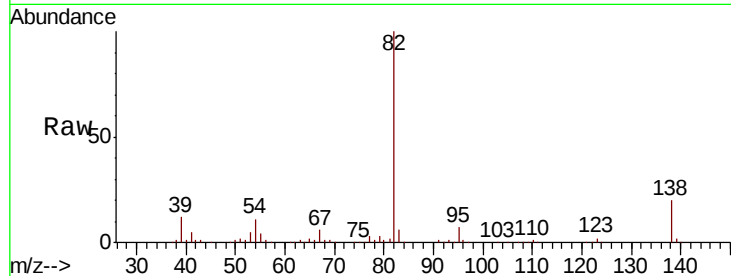
Tot Ion: 82 Resp: 399479

Ion Ratio Lower Upper

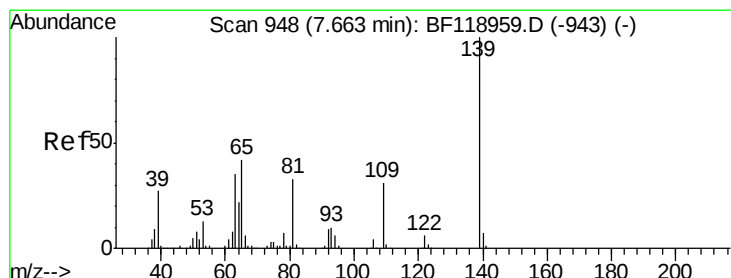
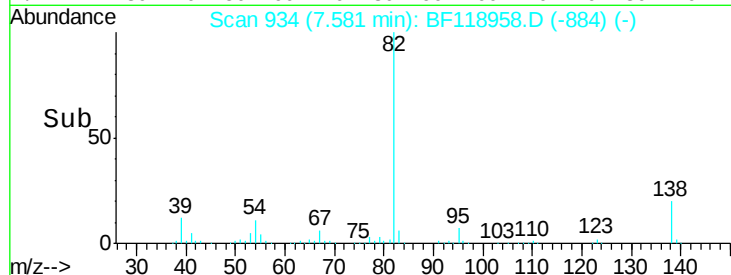
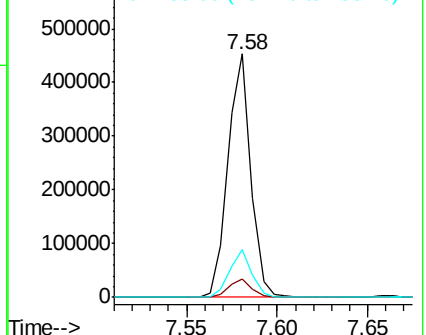
82 100

95 7.5 6.1 9.1

138 19.6 15.8 23.6



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: 19.934 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

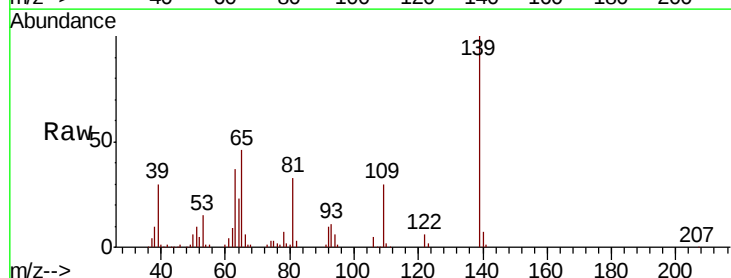
Tgt Ion: 139 Resp: 118070

Ion Ratio Lower Upper

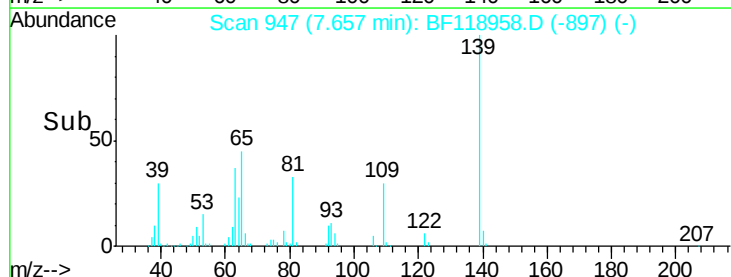
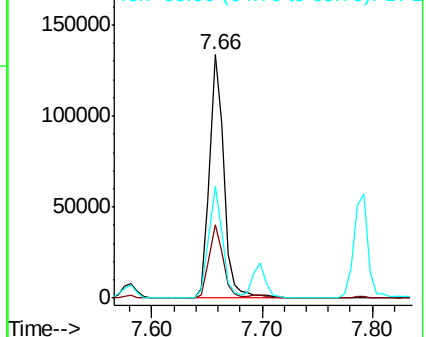
139 100

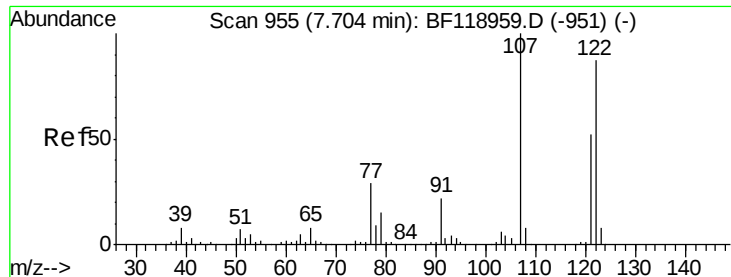
109 30.2 24.6 36.8

65 45.7 33.6 50.4



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

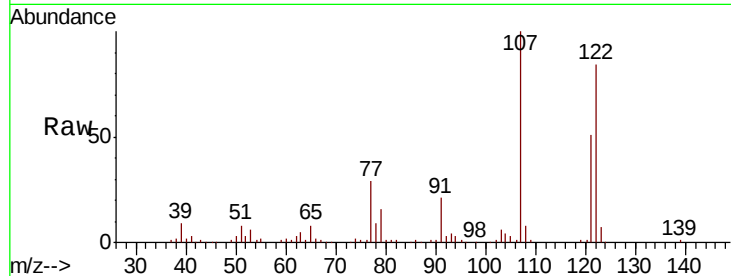




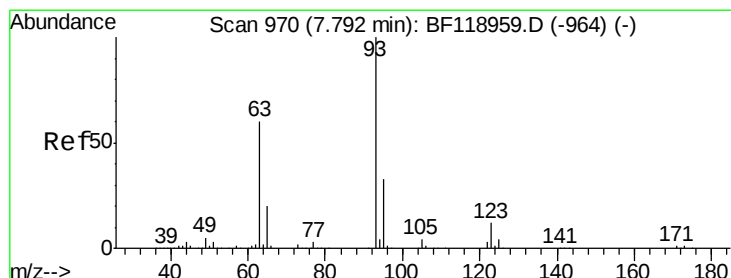
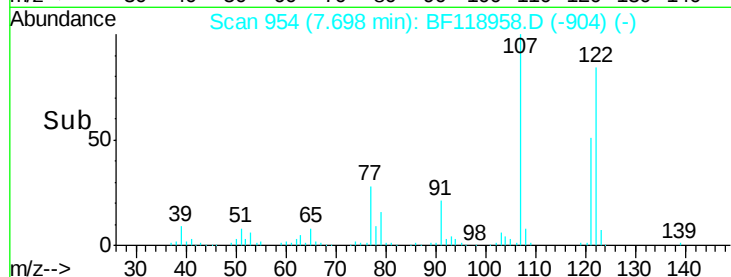
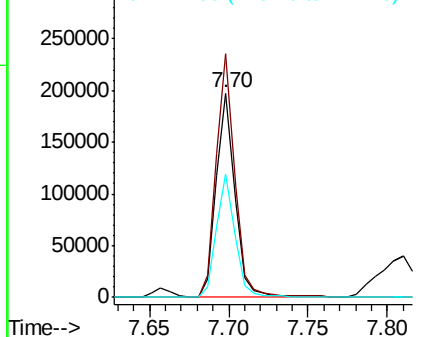
#27  
2,4-Dimethylphenol  
Concen: 20.508 ng  
RT: 7.70 min Scan# 954  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

Tot Ion:122 Resp: 162564  
Ion Ratio Lower Upper  
122 100  
107 119.0 91.8 137.8  
121 60.1 47.4 71.0

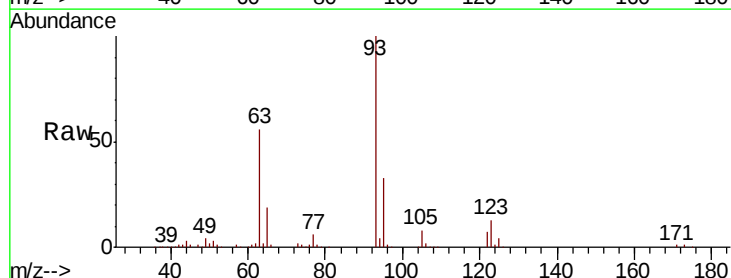


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

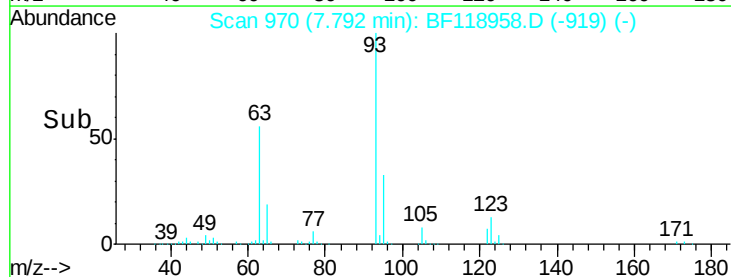
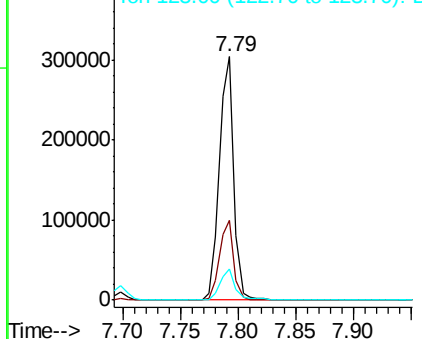


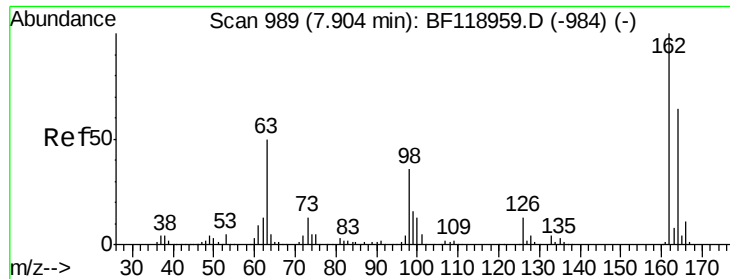
#28  
bis(2-Chloroethoxy)methane  
Concen: 20.606 ng  
RT: 7.79 min Scan# 970  
Delta R.T. -0.00 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Tgt Ion: 93 Resp: 264357  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.3 39.5  
123 12.6 9.8 14.8



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 123.00 (122.70 to 123.70): E

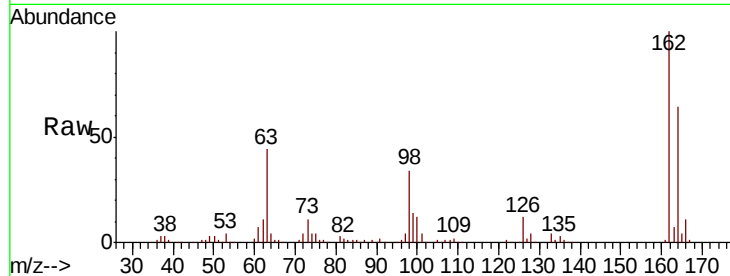




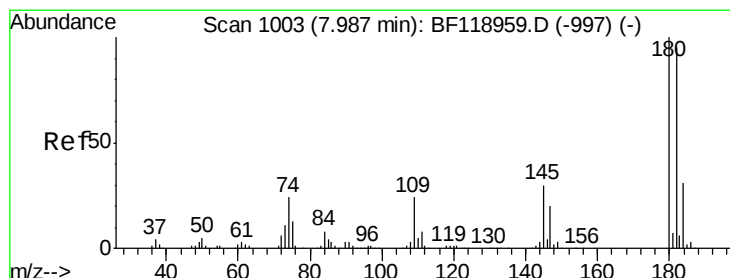
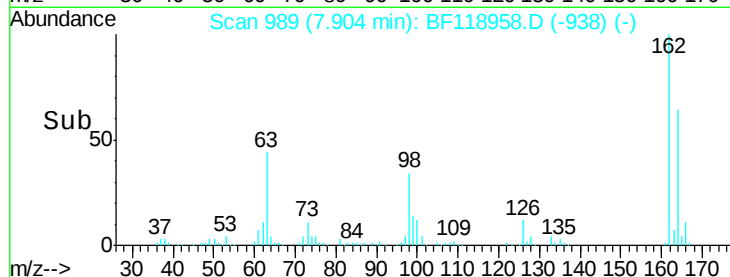
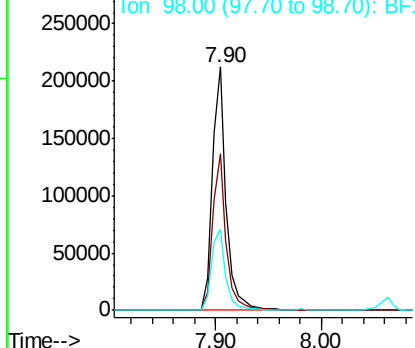
#29  
2,4-Dichlorophenol  
Concen: 20.794 ng  
RT: 7.90 min Scan# 989  
Delta R.T. -0.00 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.2  | 44.1  | 84.1  |
| 98      | 33.5  | 16.4  | 56.4  |

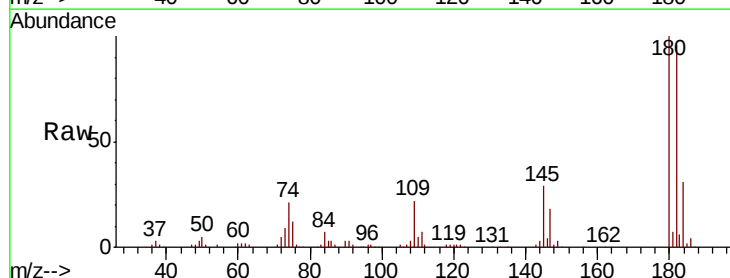


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

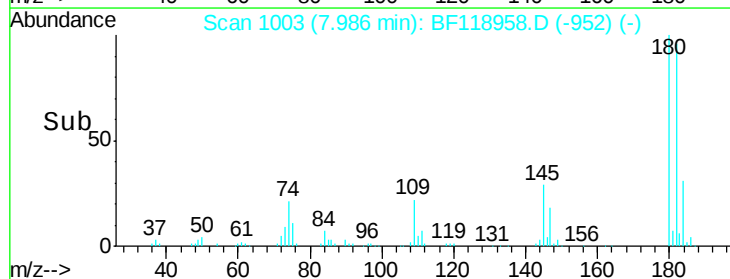
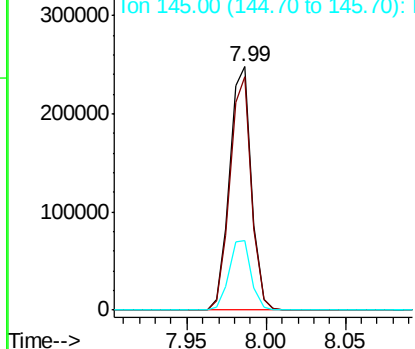


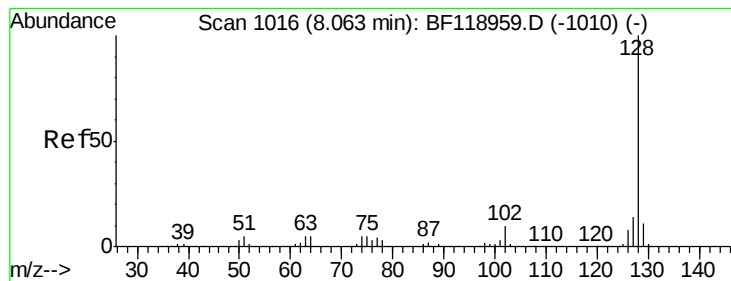
#30  
1,2,4-Trichlorobenzene  
Concen: 21.391 ng  
RT: 7.99 min Scan# 1003  
Delta R.T. -0.00 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 75.8  | 113.8 |
| 145     | 28.6  | 24.2  | 36.2  |



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





#31

Naphthalene

Concen: 21.528 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

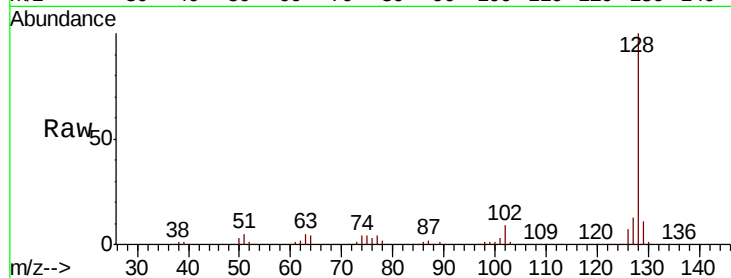
Tot Ion:128 Resp: 664589

Ion Ratio Lower Upper

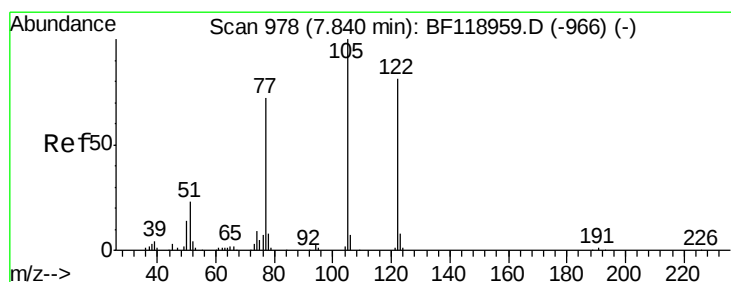
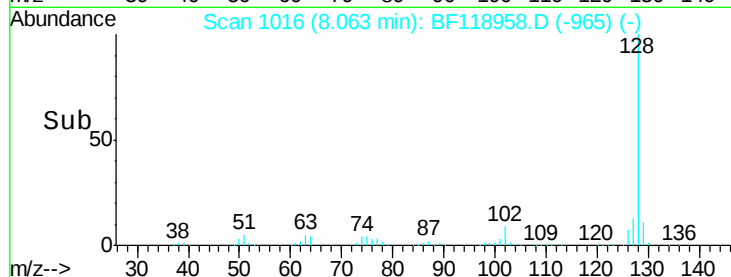
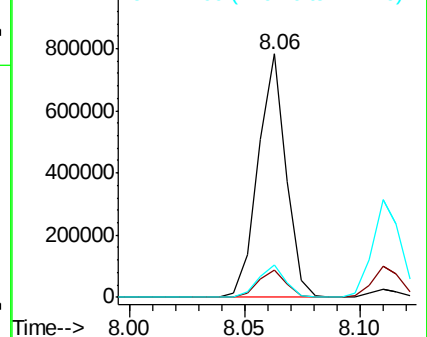
128 100

129 11.2 9.0 13.4

127 13.5 10.9 16.3



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: 15.781 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.03 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

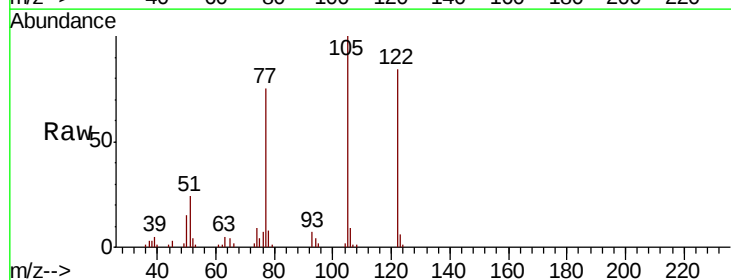
Tgt Ion:122 Resp: 90366

Ion Ratio Lower Upper

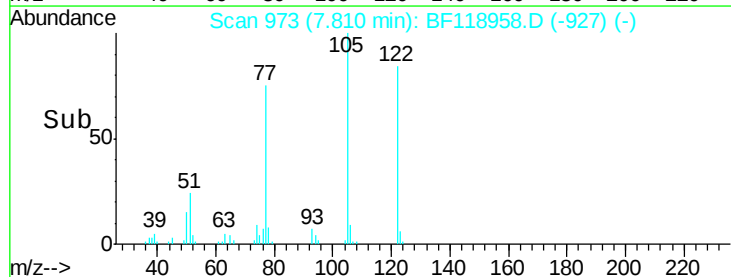
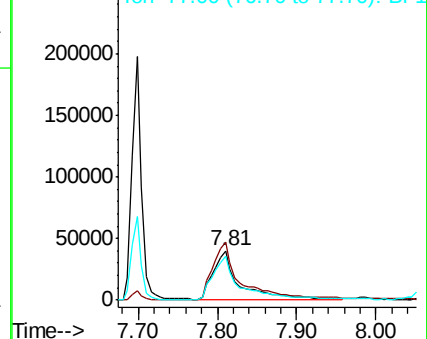
122 100

105 118.4 102.2 142.2

77 88.4 68.6 108.6



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

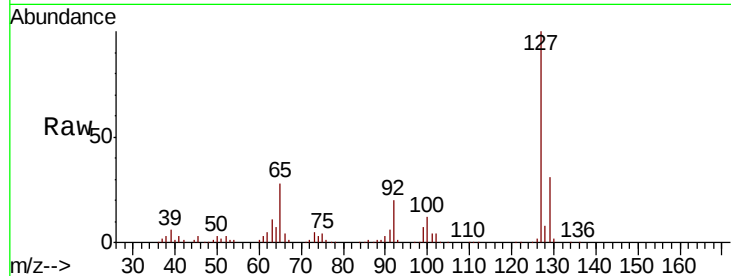




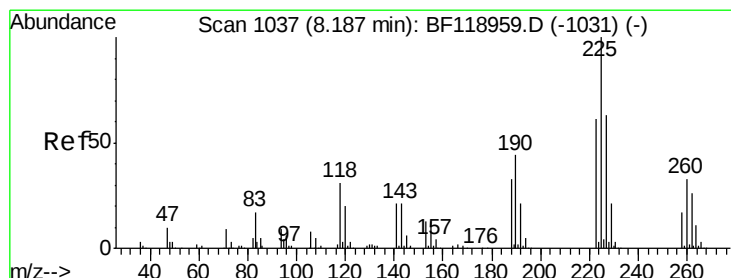
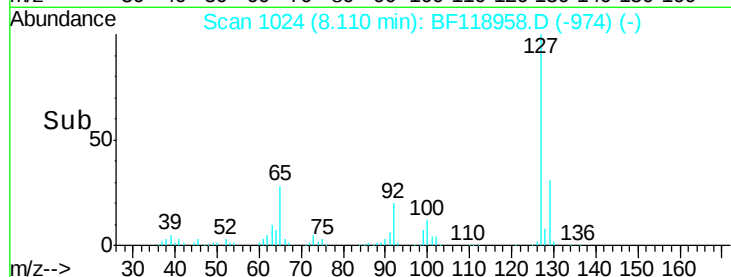
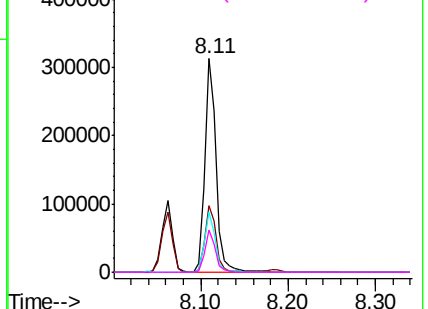
#33  
4-Chloroaniline  
Concen: 21.291 ng  
RT: 8.11 min Scan# 1024  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 281401 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.5  | 26.2  | 39.2   |
| 65       | 28.3  | 22.0  | 33.0   |
| 92       | 19.7  | 15.5  | 23.3   |

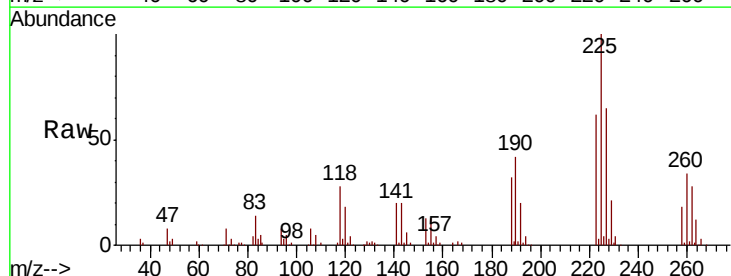


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

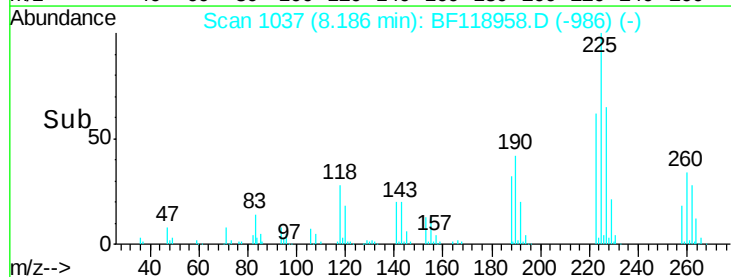
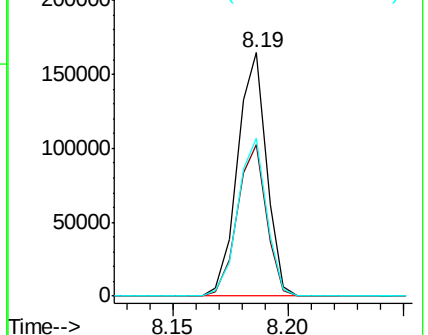


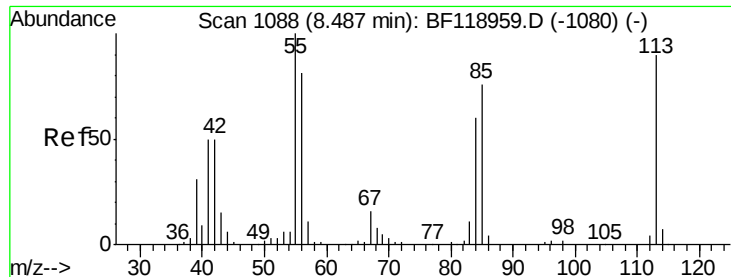
#34  
Hexachlorobutadiene  
Concen: 21.073 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. -0.00 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 144597 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 48.9  | 73.3   |
| 227      | 65.1  | 50.4  | 75.6   |



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

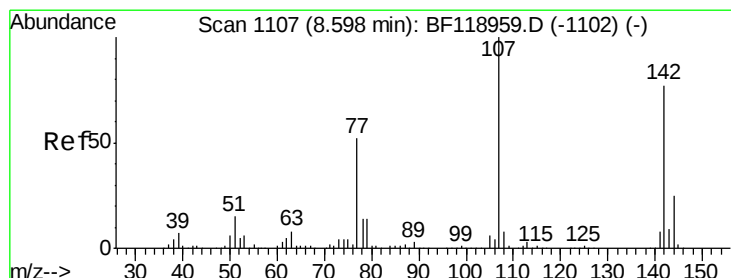
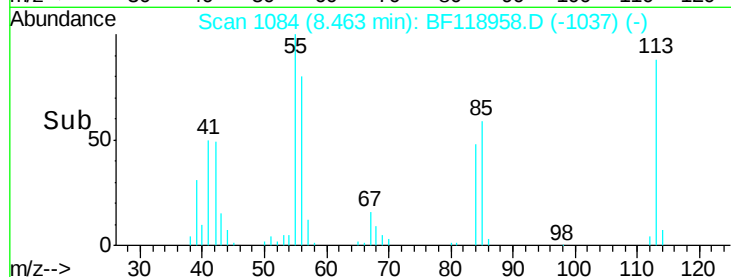
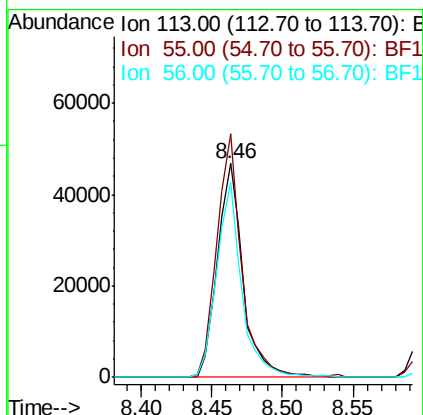
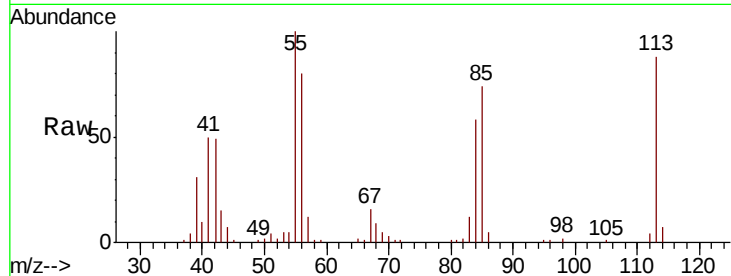




#35  
Caprolactam  
Concen: 20.663 ng  
RT: 8.46 min Scan# 1084  
Delta R.T. -0.02 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

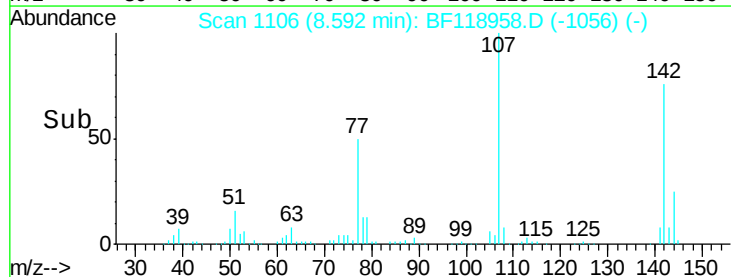
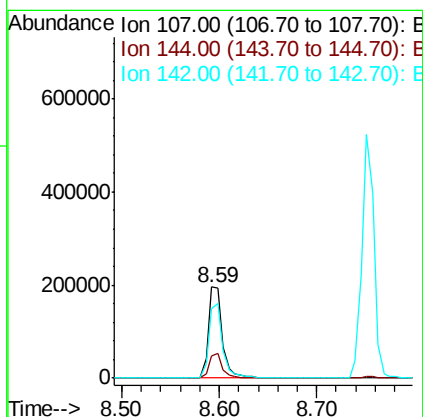
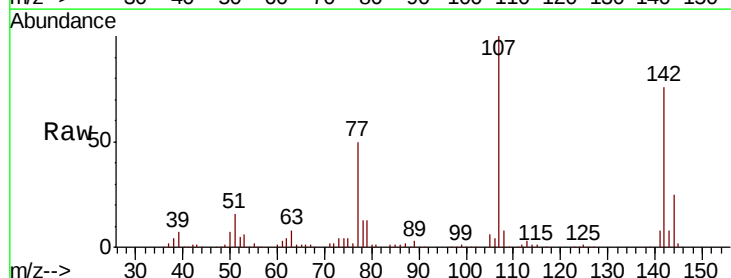
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

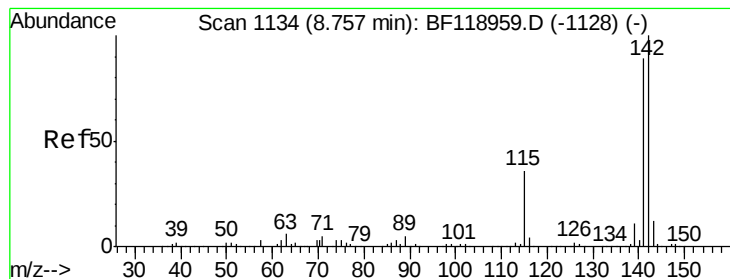
Tot Ion:113 Resp: 59102  
Ion Ratio Lower Upper  
113 100  
55 113.7 90.8 130.8  
56 90.9 70.0 110.0



#36  
4-Chloro-3-methylphenol  
Concen: 20.838 ng  
RT: 8.59 min Scan# 1106  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Tgt Ion:107 Resp: 196844  
Ion Ratio Lower Upper  
107 100  
144 24.6 19.8 29.8  
142 76.1 61.3 91.9





#37

2-Methylnaphthalene

Concen: 21.850 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDIC020

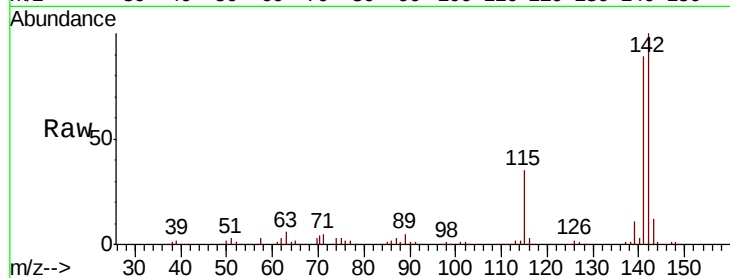
Tot Ion:142 Resp: 449956

Ion Ratio Lower Upper

142 100

141 89.1 71.0 106.4

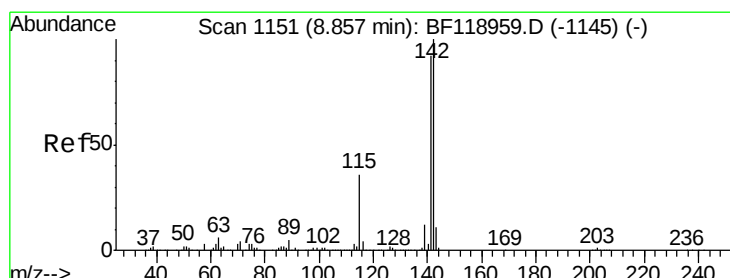
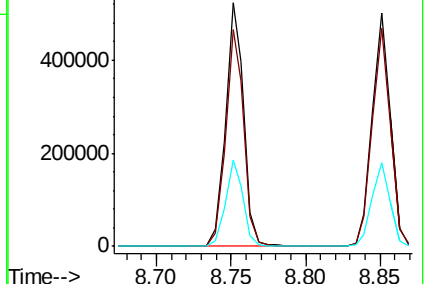
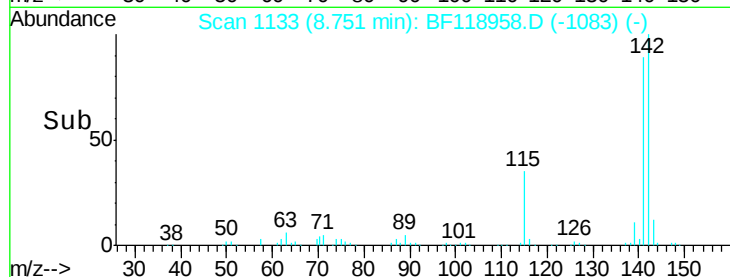
115 35.2 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 21.853 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

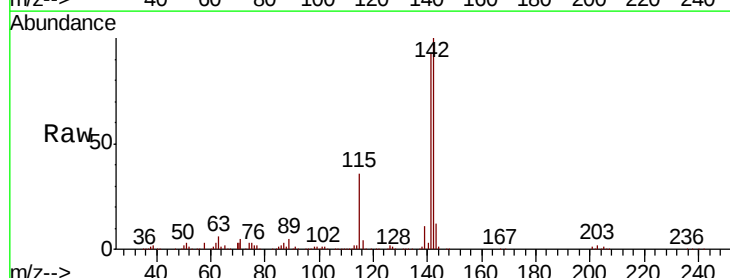
Tgt Ion:142 Resp: 422004

Ion Ratio Lower Upper

142 100

141 93.2 73.7 110.5

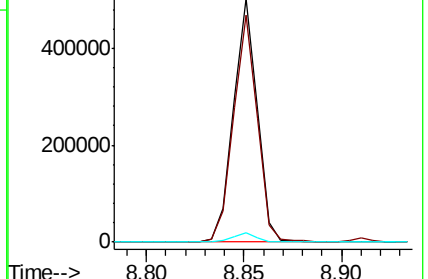
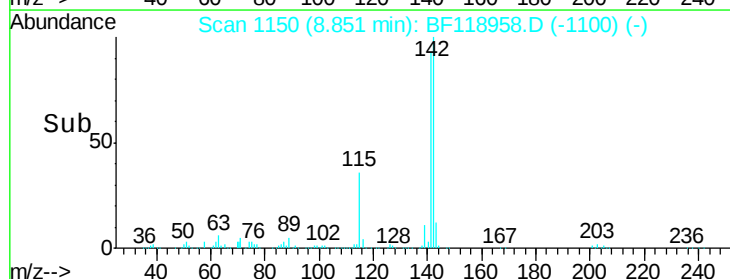
116 3.7 3.0 4.6

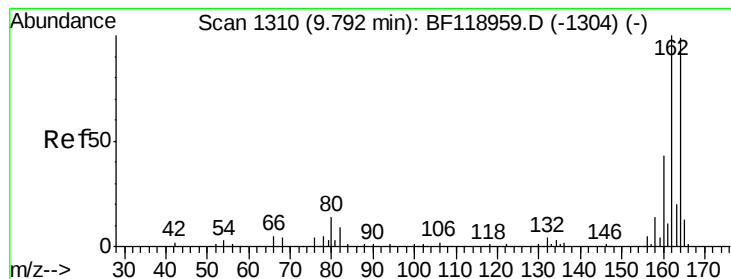


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

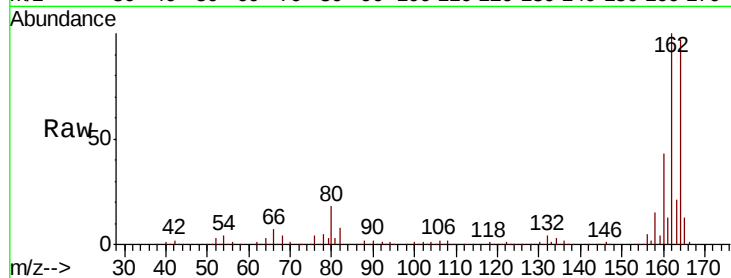
Tot Ion:164 Resp: 337828

Ion Ratio Lower Upper

164 100

162 103.1 81.2 121.8

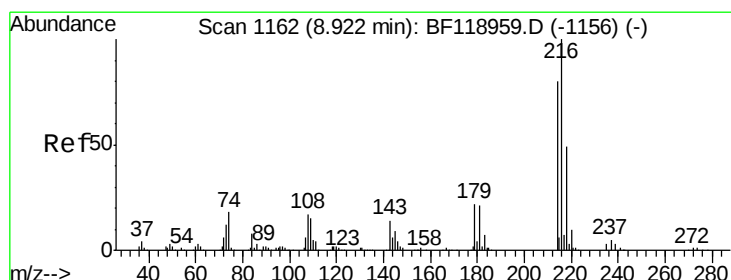
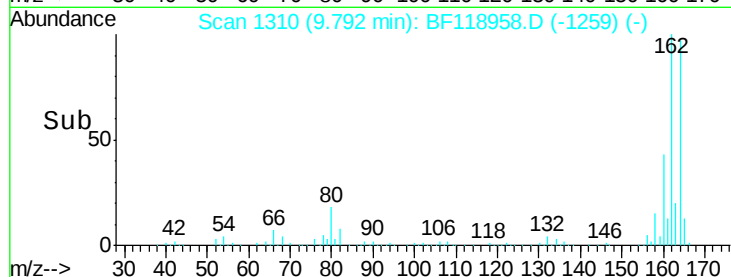
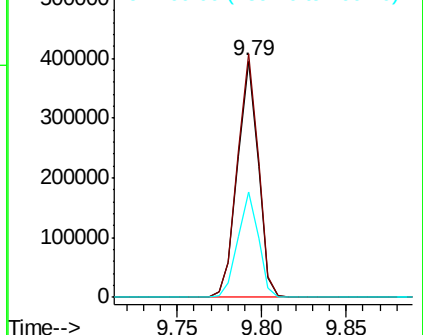
160 44.5 35.2 52.8



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: 21.945 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Tgt Ion:216 Resp: 237835

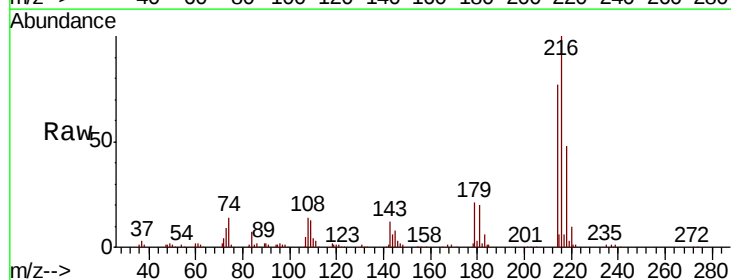
Ion Ratio Lower Upper

216 100

214 77.7 63.1 94.7

179 20.8 17.2 25.8

108 15.7 13.4 20.0

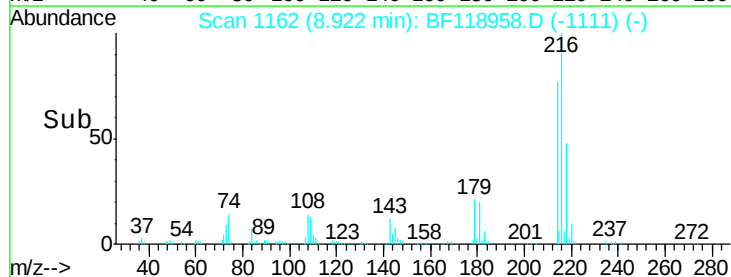
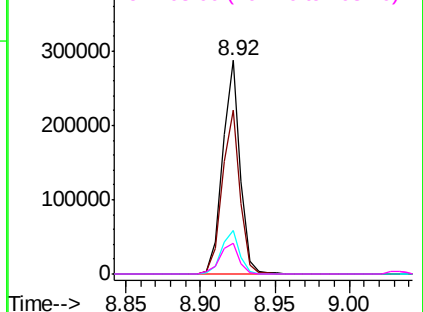


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 14.071 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDIC020

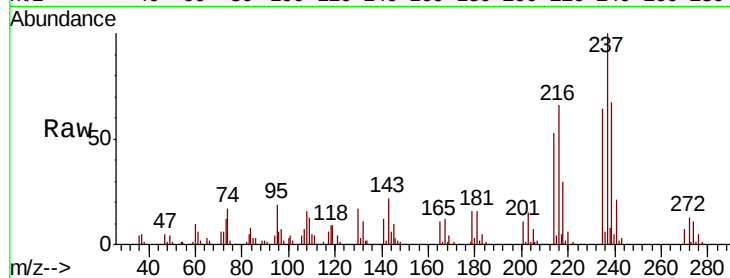
Tot Ion:237 Resp: 45760

Ion Ratio Lower Upper

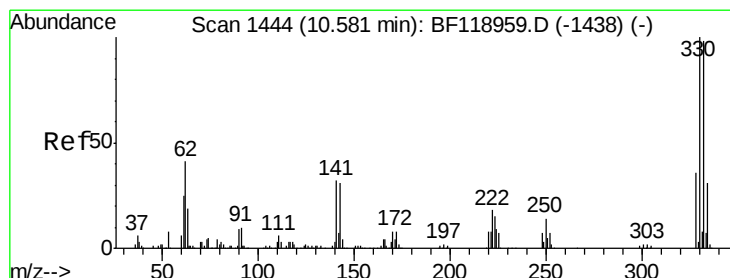
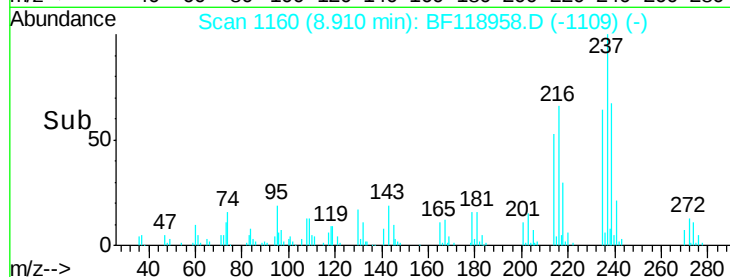
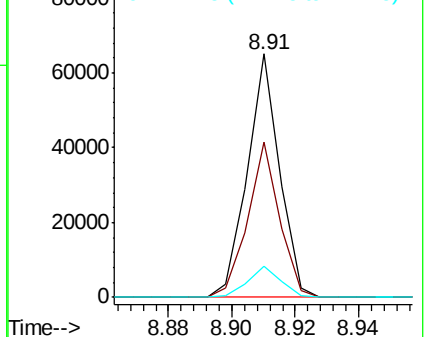
237 100

235 64.0 39.4 79.4

272 12.6 0.0 32.6



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: 44.078 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

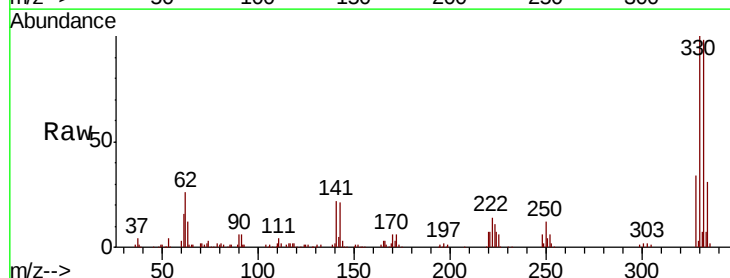
Tgt Ion:330 Resp: 184471

Ion Ratio Lower Upper

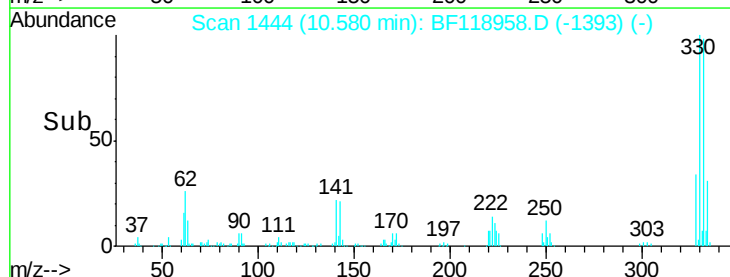
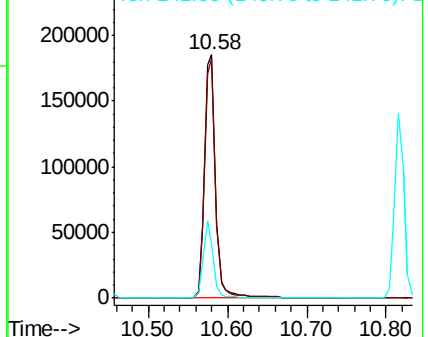
330 100

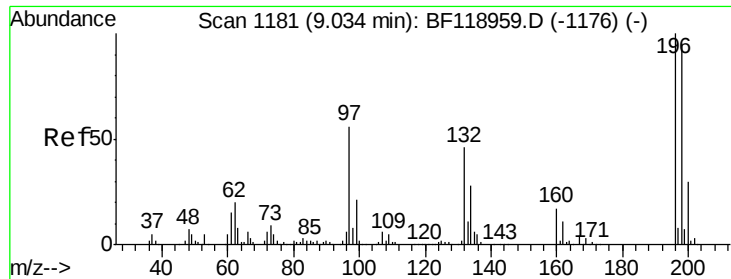
332 95.9 77.1 115.7

141 28.6 23.0 34.6



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

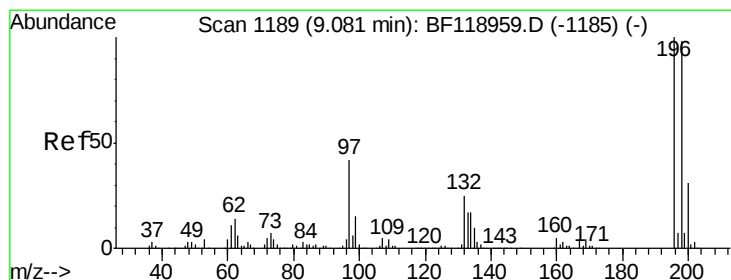
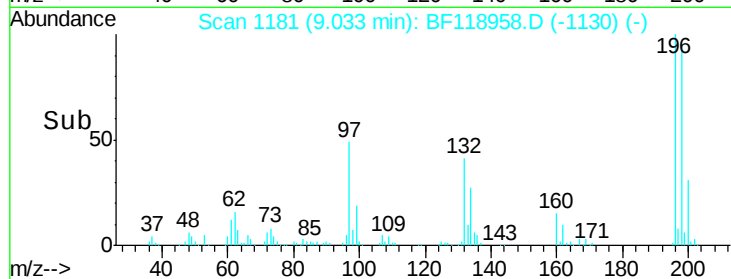
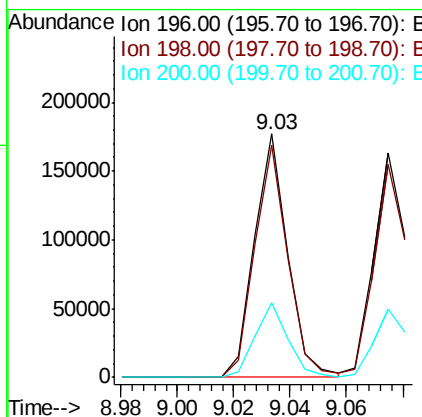
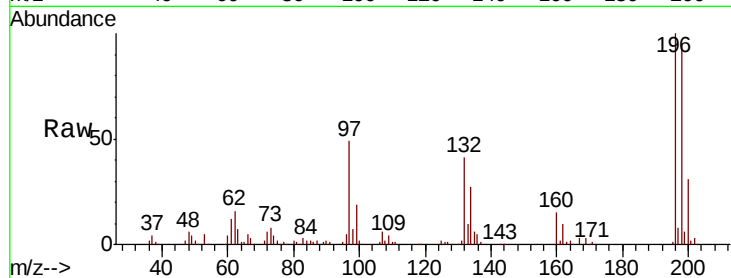




#43  
 2,4,6-Trichlorophenol  
 Concen: 20.163 ng  
 RT: 9.03 min Scan# 1181  
 Delta R.T. -0.00 min  
 Lab File: BF118958.D  
 Acq: 20 Feb 2020 13:43

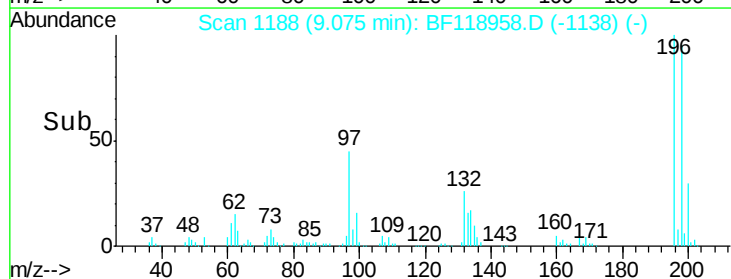
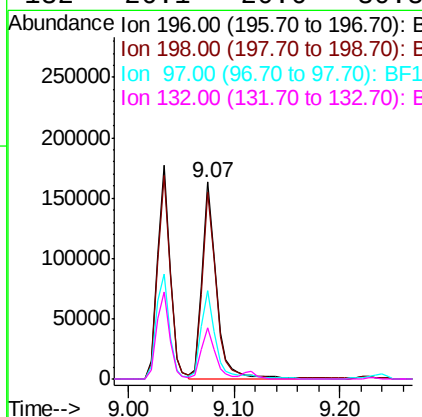
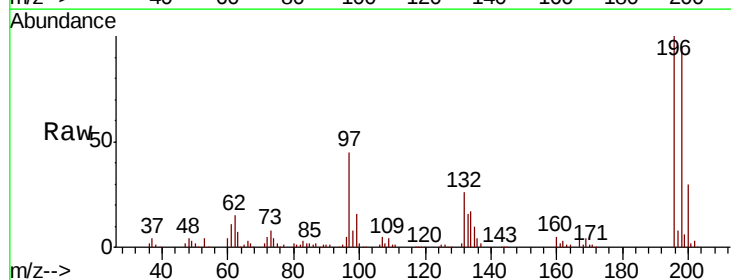
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

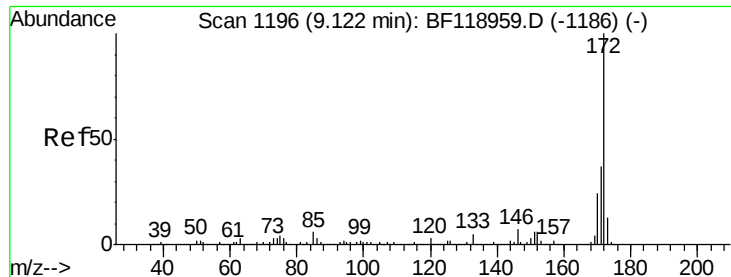
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:196 | Resp: | 144212      |
| Ion         | Ratio | Lower Upper |
| 196         | 100   |             |
| 198         | 95.4  | 75.8 113.6  |
| 200         | 30.6  | 24.1 36.1   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 20.581 ng  
 RT: 9.07 min Scan# 1188  
 Delta R.T. -0.01 min  
 Lab File: BF118958.D  
 Acq: 20 Feb 2020 13:43

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:196 | Resp: | 152622      |
| Ion         | Ratio | Lower Upper |
| 196         | 100   |             |
| 198         | 95.1  | 78.4 117.6  |
| 97          | 44.7  | 33.4 50.0   |
| 132         | 26.1  | 20.6 30.8   |

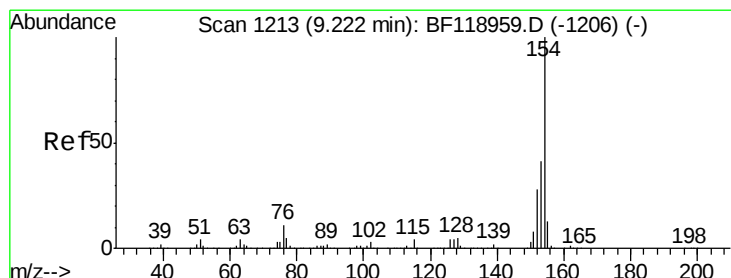
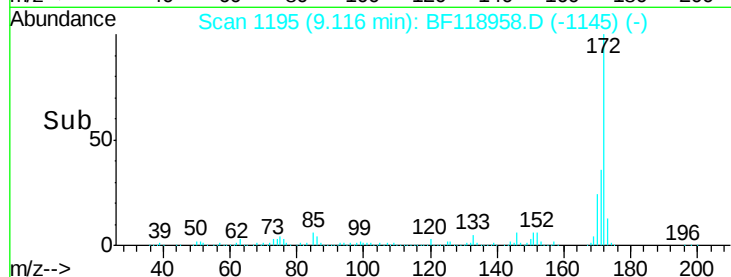
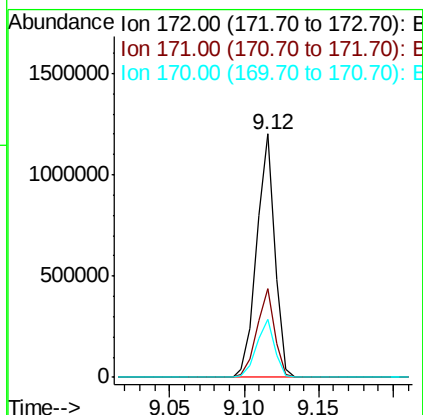
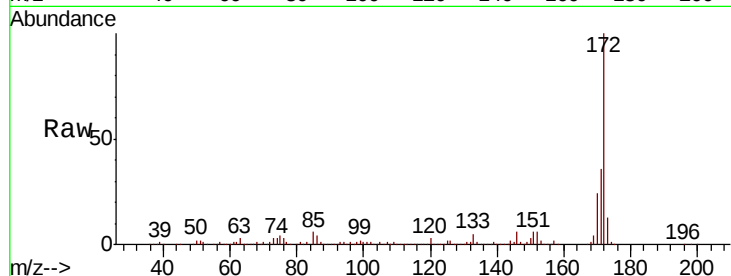




#45  
2-Fluorobiphenyl  
Concen: 47.480 ng  
RT: 9.12 min Scan# 1195  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

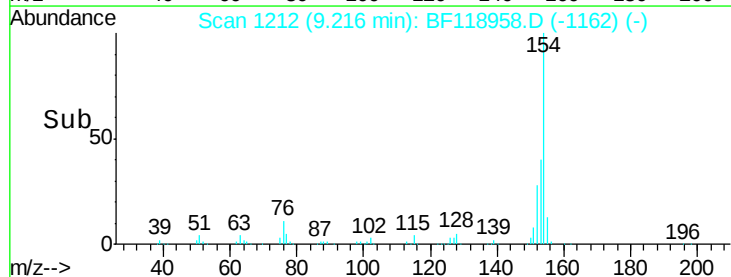
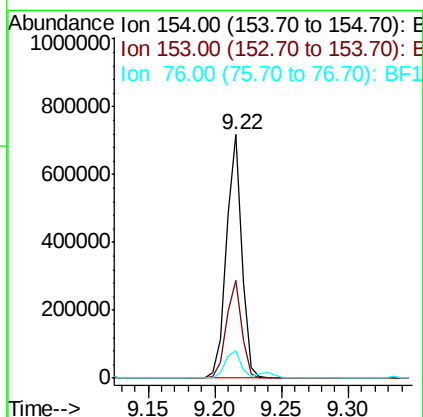
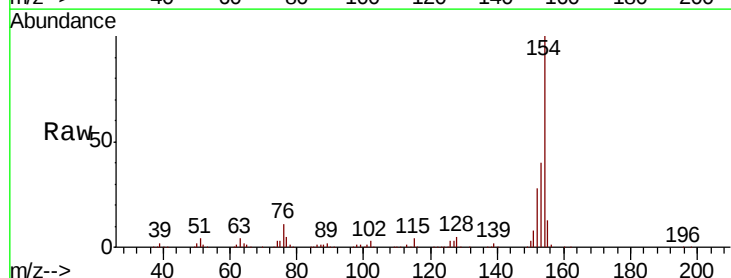
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

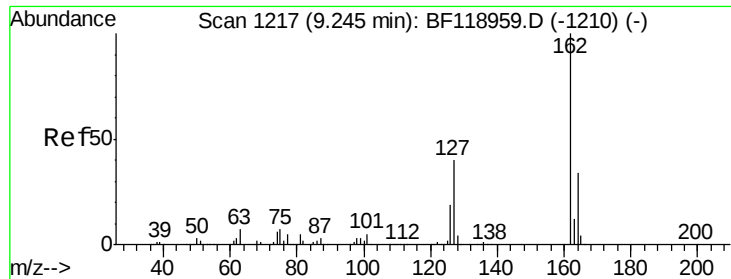
Tot Ion:172 Resp: 993013  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.4 44.2  
170 23.8 19.6 29.4



#46  
1,1'-Biphenyl  
Concen: 22.516 ng  
RT: 9.22 min Scan# 1212  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Tgt Ion:154 Resp: 584788  
Ion Ratio Lower Upper  
154 100  
153 40.3 21.2 61.2  
76 11.0 0.0 31.1

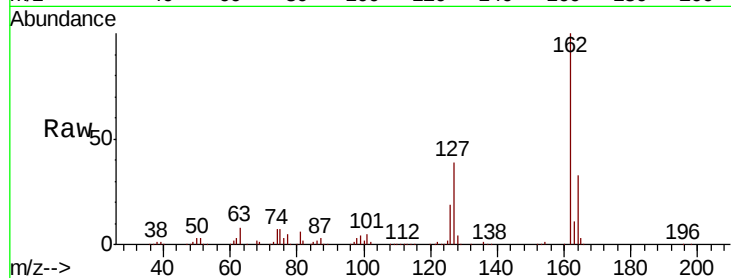




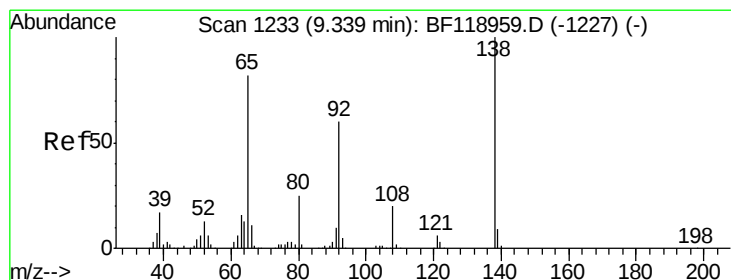
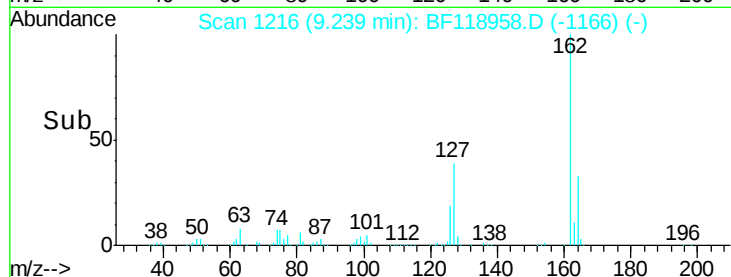
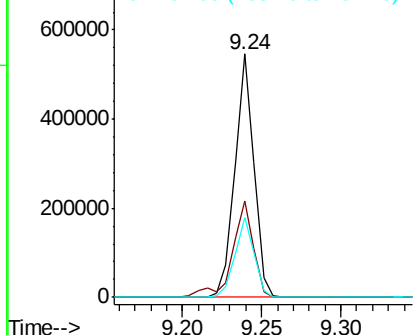
#47  
 2-Chloronaphthalene  
 Concen: 21.208 ng  
 RT: 9.24 min Scan# 1216  
 Delta R.T. -0.01 min  
 Lab File: BF118958.D  
 Acq: 20 Feb 2020 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.4  | 31.9  | 47.9  |
| 164     | 32.9  | 26.8  | 40.2  |

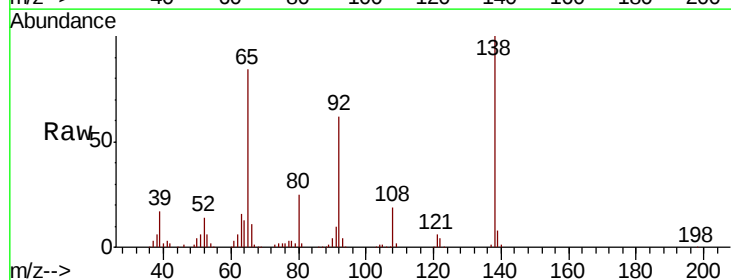


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

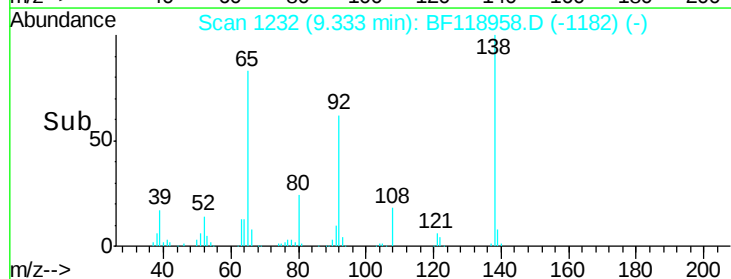
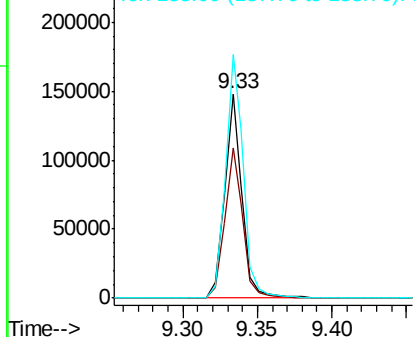


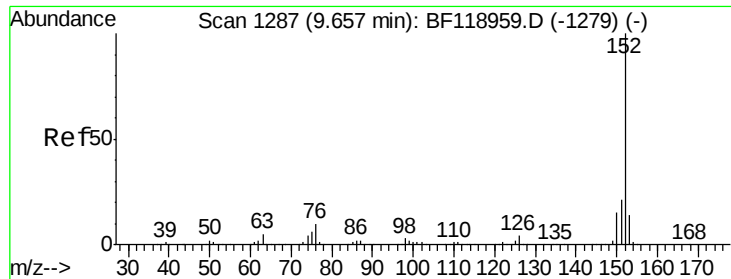
#48  
 2-Nitroaniline  
 Concen: 20.152 ng  
 RT: 9.33 min Scan# 1232  
 Delta R.T. -0.01 min  
 Lab File: BF118958.D  
 Acq: 20 Feb 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 73.6  | 58.6  | 87.8  |
| 138     | 119.4 | 97.5  | 146.3 |



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: 21.915 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

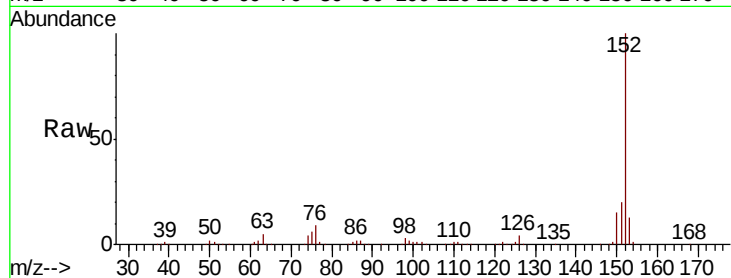
Tot Ion:152 Resp: 674439

Ion Ratio Lower Upper

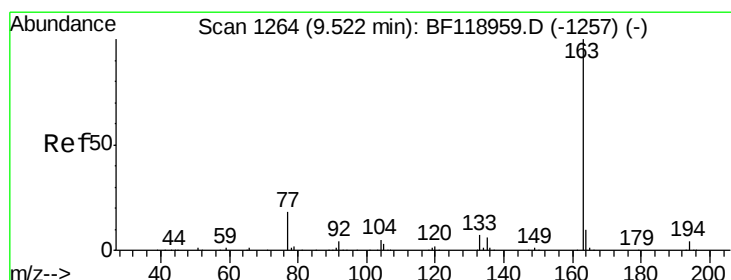
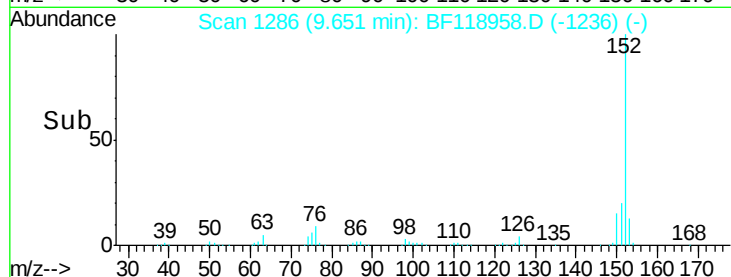
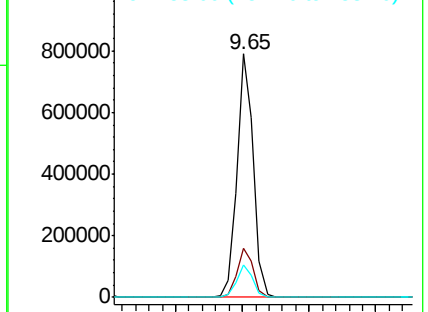
152 100

151 20.2 16.7 25.1

153 13.4 10.9 16.3



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



#50

Dimethylphthalate

Concen: 20.904 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

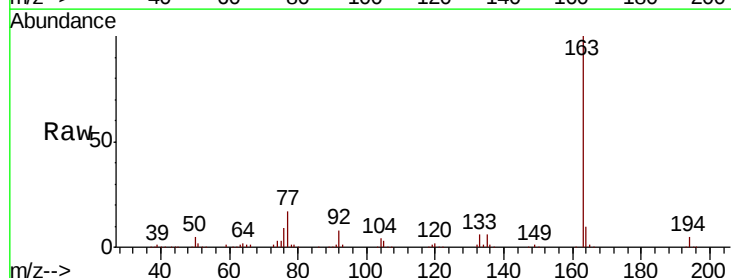
Tgt Ion:163 Resp: 533163

Ion Ratio Lower Upper

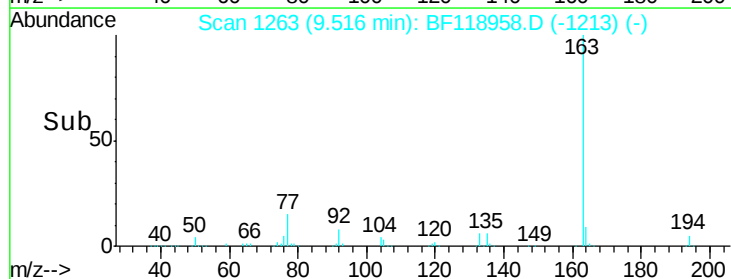
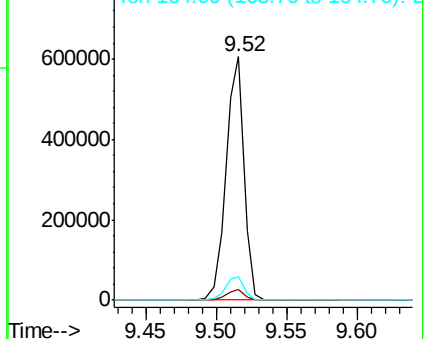
163 100

194 4.5 3.4 5.2

164 9.8 8.2 12.2



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: 20.117 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDIC020

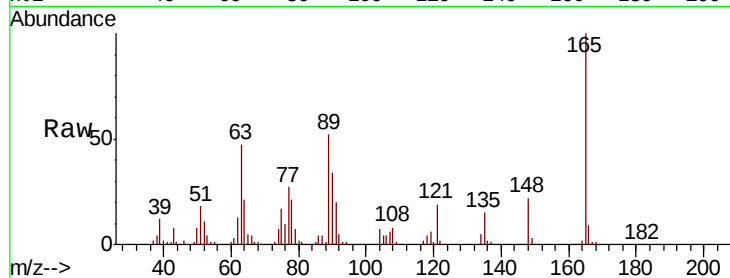
Tot Ion:165 Resp: 114605

Ion Ratio Lower Upper

165 100

63 46.9 37.9 56.9

89 51.7 41.4 62.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

200000

150000

100000

50000

0

9.55

9.60

9.65

9.70

9.75

9.80

9.85

9.90

9.95

10.00

10.05

10.10

10.15

10.20

10.25

10.30

10.35

10.40

10.45

10.50

10.55

10.60

10.65

10.70

10.75

10.80

10.85

10.90

10.95

11.00

11.05

11.10

11.15

11.20

11.25

11.30

11.35

11.40

11.45

11.50

11.55

11.60

11.65

11.70

11.75

11.80

11.85

11.90

11.95

12.00

12.05

12.10

12.15

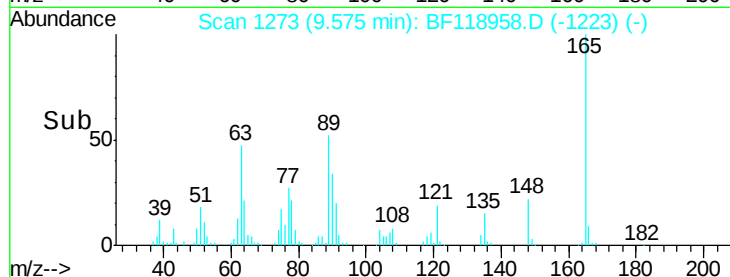
12.20

12.25

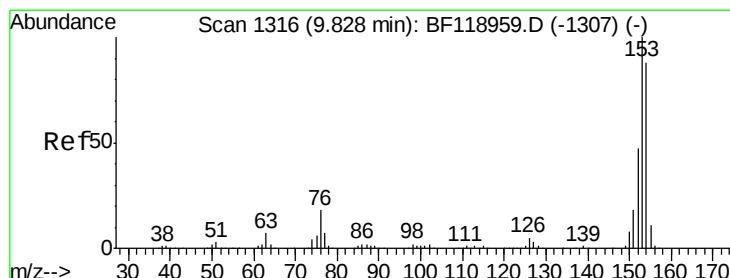
12.30

12.35

12.40



Time-->



#52

Acenaphthene

Concen: 21.625 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

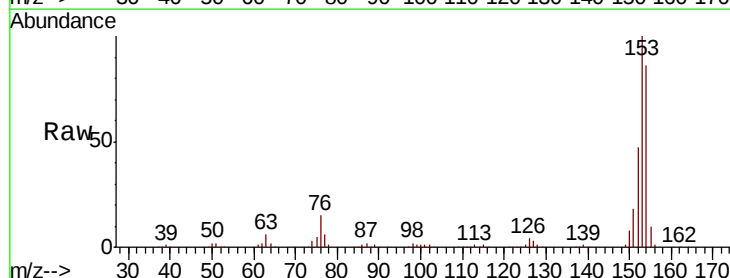
Tgt Ion:154 Resp: 405130

Ion Ratio Lower Upper

154 100

153 116.4 90.4 135.6

152 54.3 42.9 64.3



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

600000

400000

200000

0

9.75

9.80

9.85

9.90

9.95

10.00

10.05

10.10

10.15

10.20

10.25

10.30

10.35

10.40

10.45

10.50

10.55

10.60

10.65

10.70

10.75

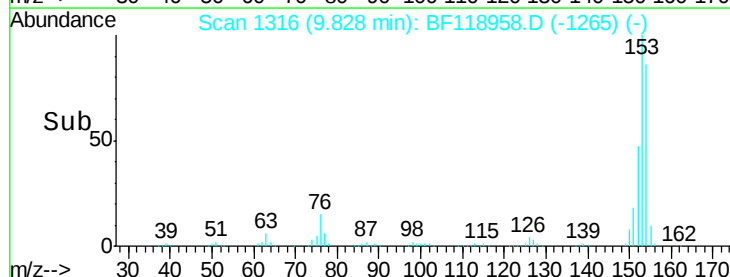
10.80

10.85

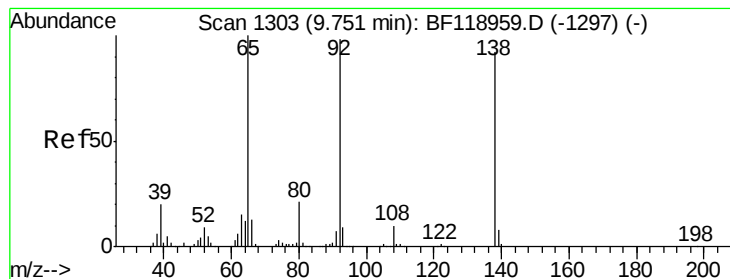
10.90

10.95

11.00



Time-->



#53

3-Nitroaniline

Concen: 20.718 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDIC020

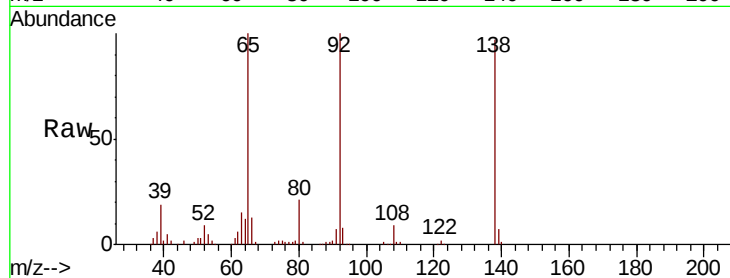
Tot Ion:138 Resp: 129897

Ion Ratio Lower Upper

138 100

108 9.7 8.6 13.0

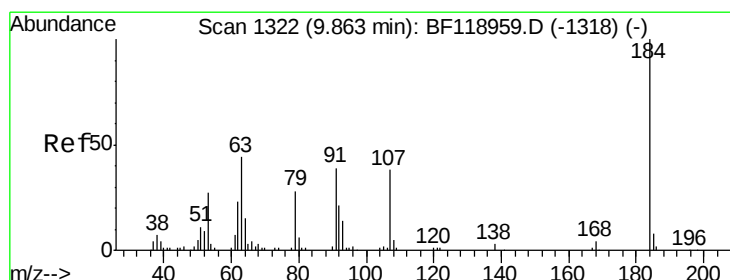
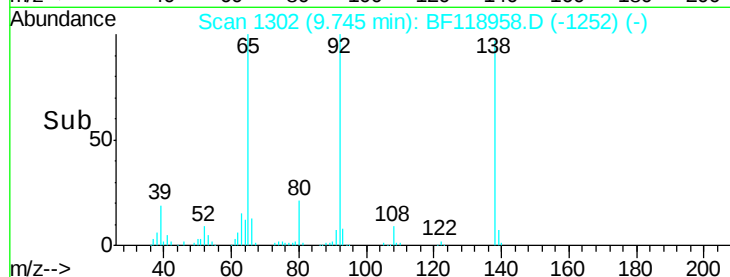
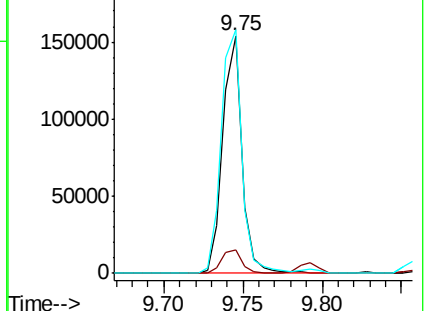
92 102.6 84.6 127.0



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: 14.256 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

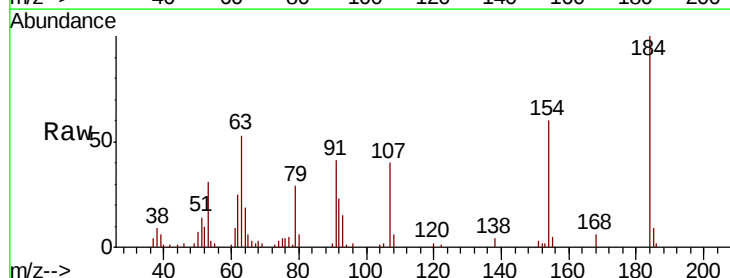
Tgt Ion:184 Resp: 36123

Ion Ratio Lower Upper

184 100

63 52.7 37.8 56.6

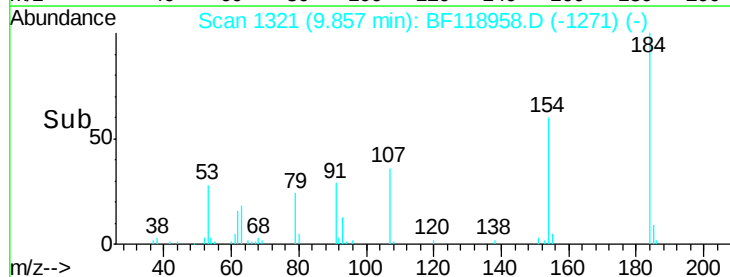
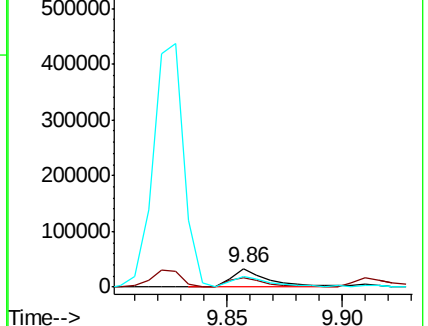
154 59.9 47.6 71.4

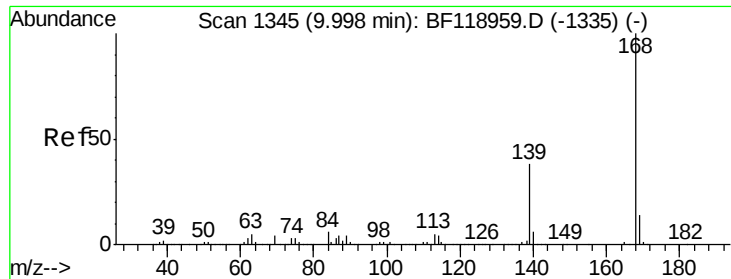


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

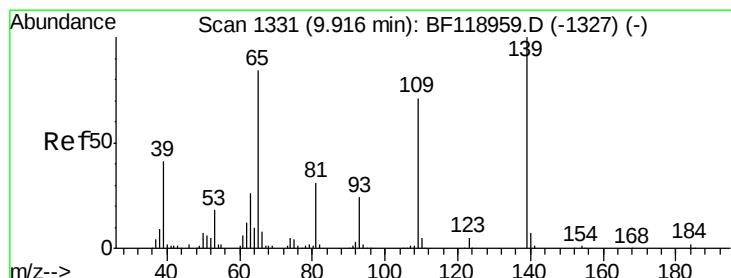
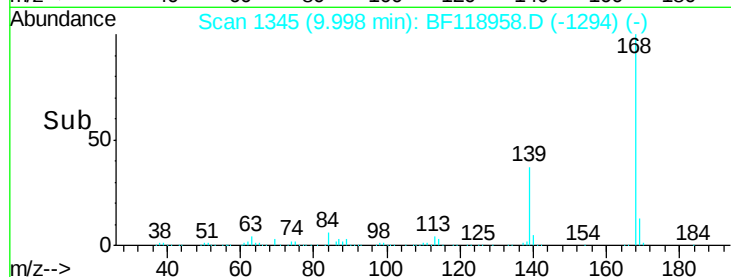
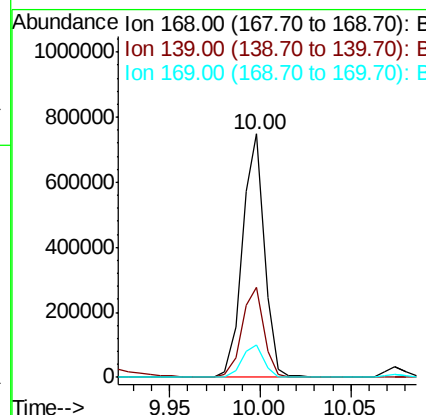
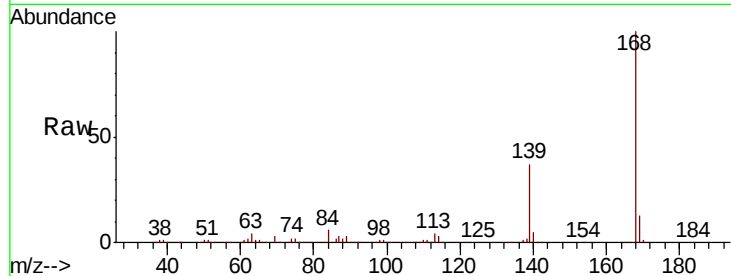




#55  
Dibenzofuran  
Concen: 22.366 ng  
RT: 10.00 min Scan# 1345  
Delta R.T. -0.00 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

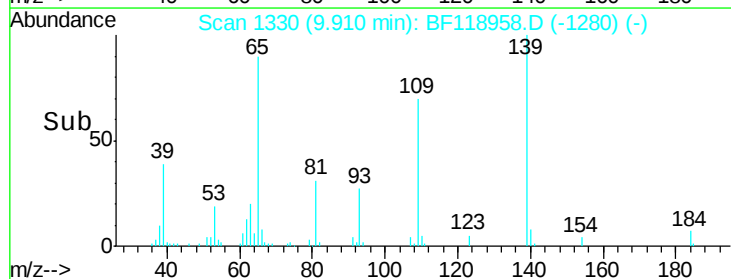
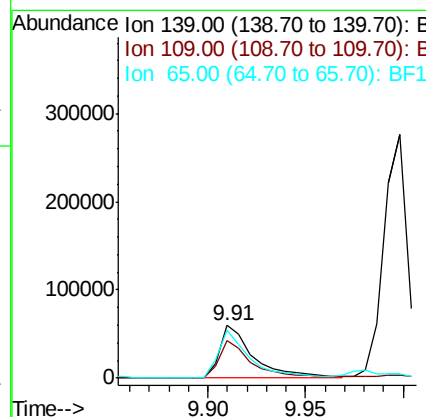
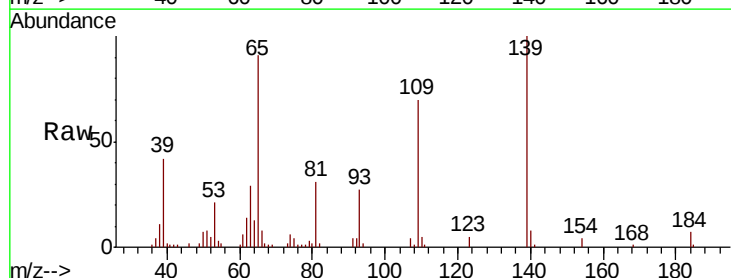
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

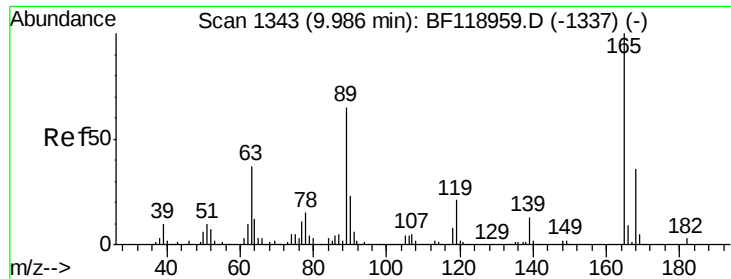
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.9  | 31.7  | 47.5  |
| 169     | 13.5  | 11.0  | 16.4  |



#56  
4-Nitrophenol  
Concen: 18.884 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 70.4  | 51.1  | 91.1  |
| 65      | 91.2  | 64.7  | 104.7 |

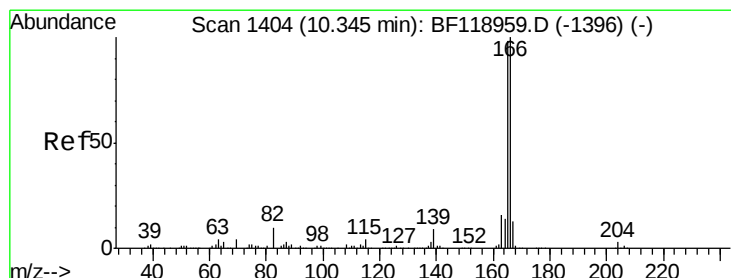
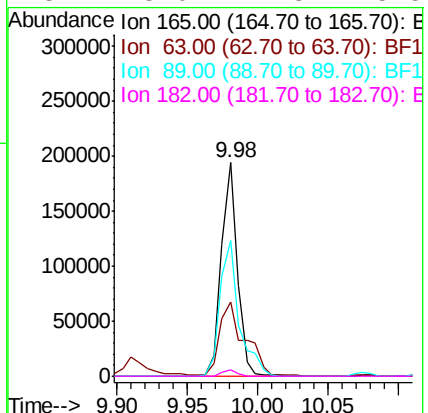
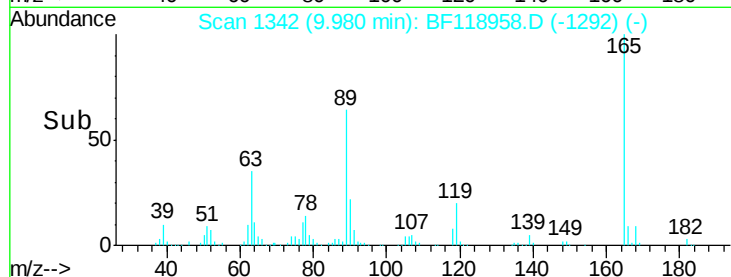
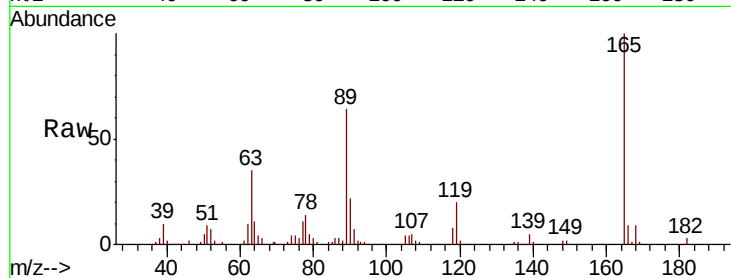




#57  
2,4-Dinitrotoluene  
Concen: 20.978 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

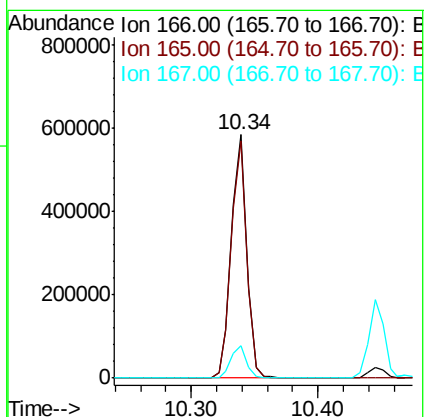
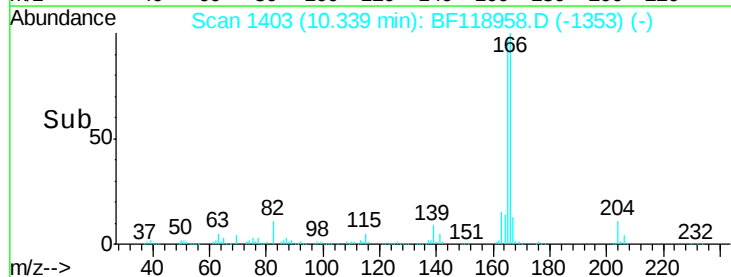
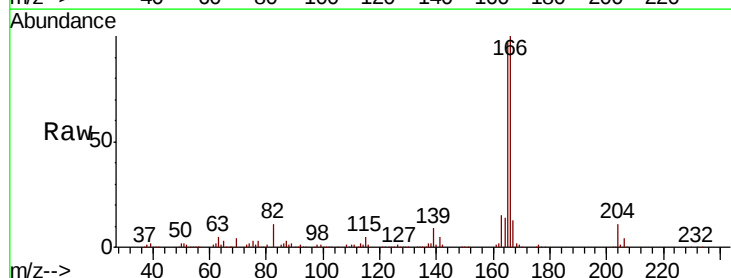
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 154594    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 34.6  | 29.8 44.8 |
| 89          | 63.5  | 51.9 77.9 |
| 182         | 3.0   | 2.3 3.5   |



#58  
Fluorene  
Concen: 22.561 ng  
RT: 10.34 min Scan# 1403  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 488969     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 97.5  | 78.2 117.4 |
| 167         | 13.4  | 10.6 16.0  |

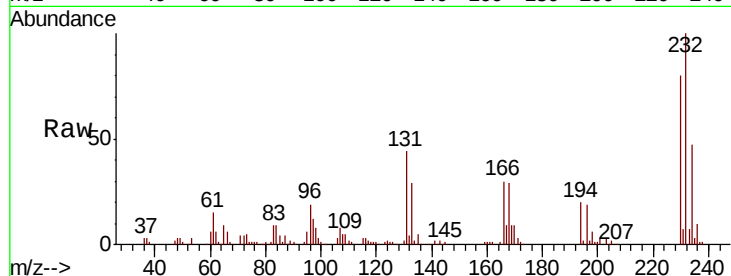




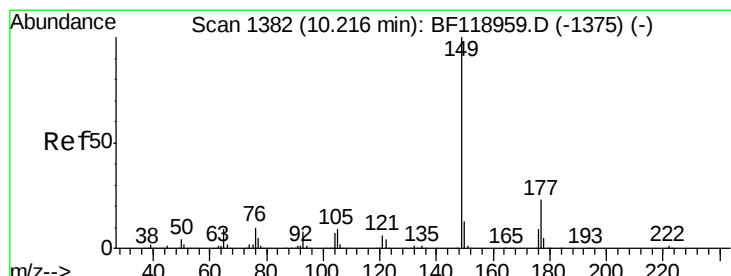
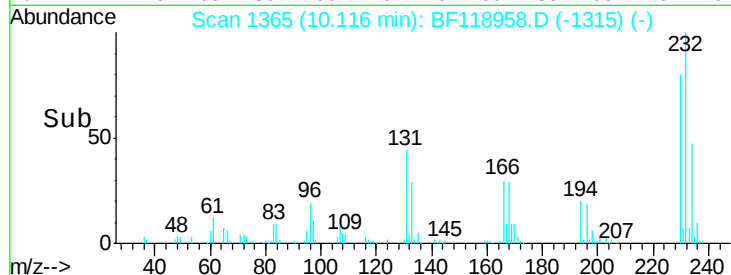
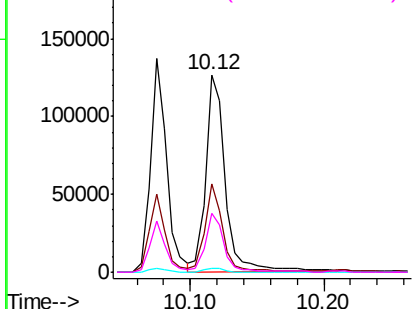
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 20.097 ng  
RT: 10.12 min Scan# 1365  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

Tot Ion:232 Resp: 128092  
Ion Ratio Lower Upper  
232 100  
131 41.6 34.0 51.0  
130 2.0 1.6 2.4  
166 28.0 23.6 35.4

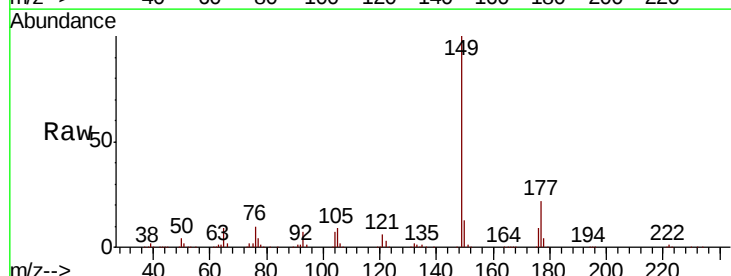


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

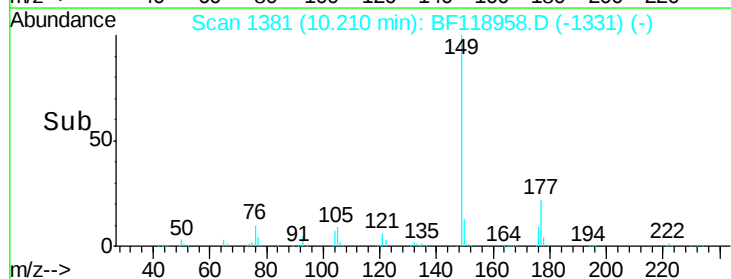
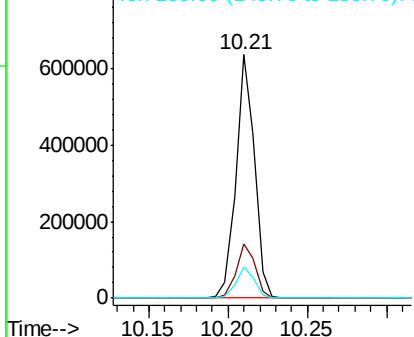


#60  
Diethylphthalate  
Concen: 21.431 ng  
RT: 10.21 min Scan# 1381  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Tgt Ion:149 Resp: 515289  
Ion Ratio Lower Upper  
149 100  
177 22.1 18.1 27.1  
150 12.8 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

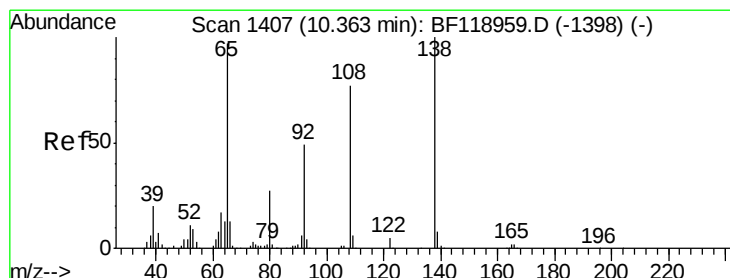
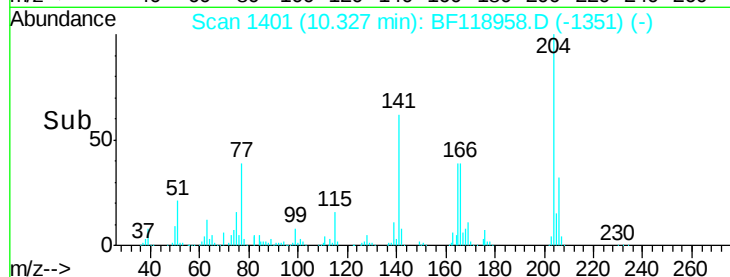
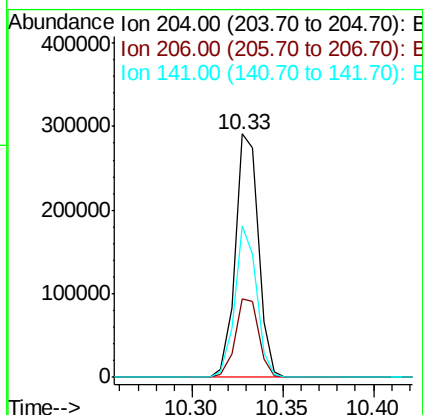
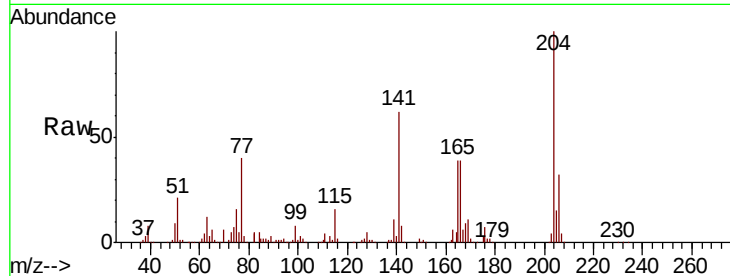




#61  
4-Chlorophenyl-phenylether  
Concen: 22.515 ng  
RT: 10.33 min Scan# 1401  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

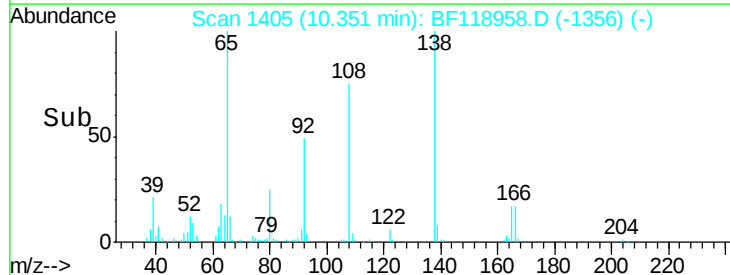
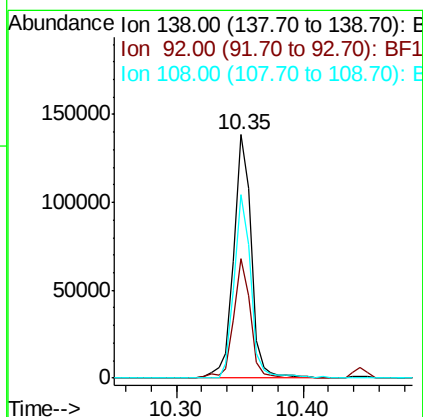
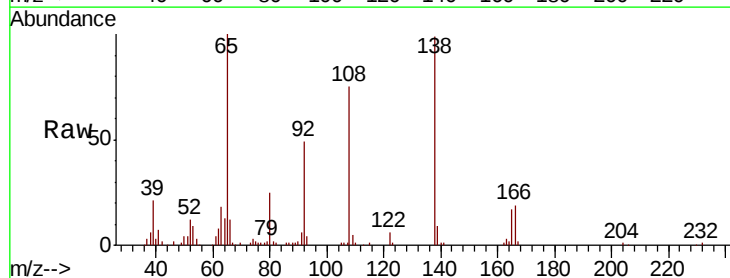
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

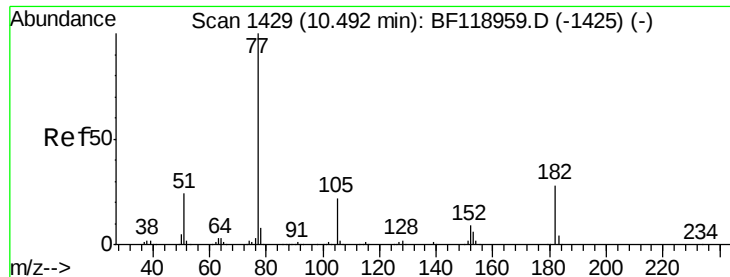
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.3  | 26.5  | 39.7  |
| 141     | 62.2  | 49.5  | 74.3  |



#62  
4-Nitroaniline  
Concen: 20.605 ng  
RT: 10.35 min Scan# 1405  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.2  | 28.7  | 68.7  |
| 108     | 75.2  | 56.8  | 96.8  |

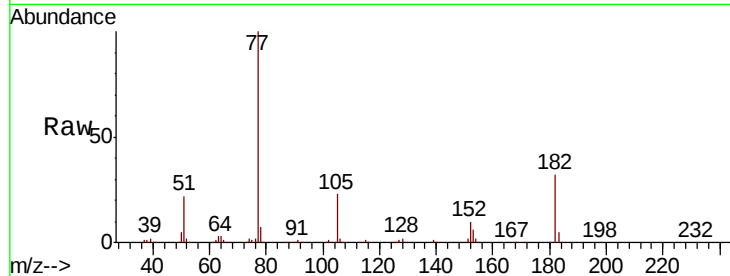




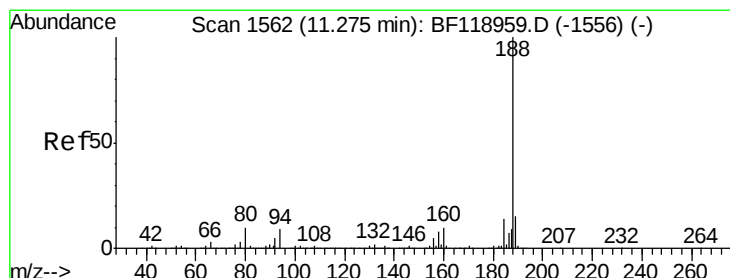
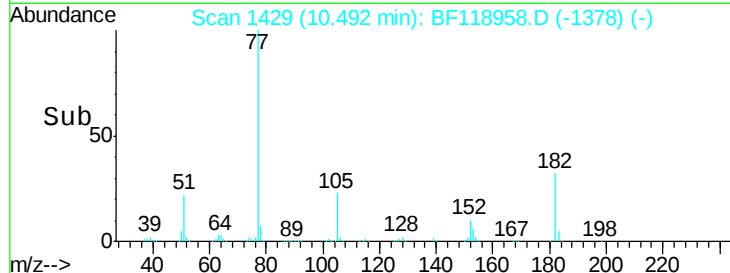
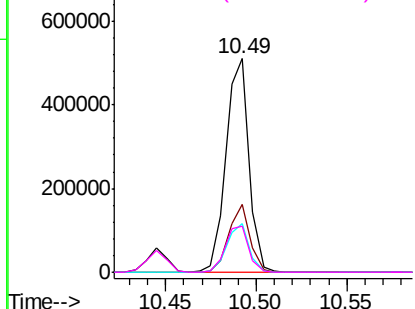
#63  
Azobenzene  
Concen: 21.189 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. -0.00 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 31.9  | 8.2   | 48.2  |
| 105     | 22.8  | 2.3   | 42.3  |
| 51      | 21.8  | 3.6   | 43.6  |

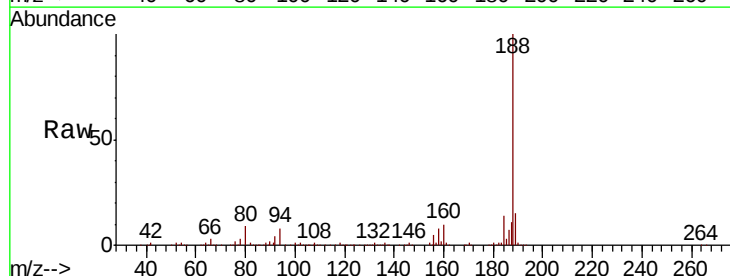


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

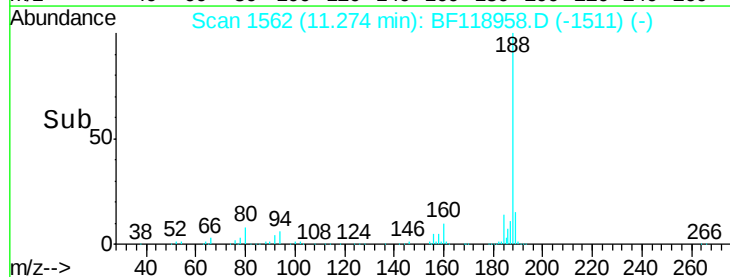
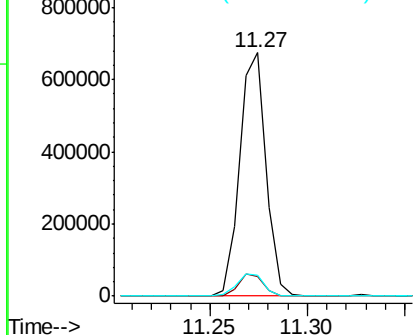


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.27 min Scan# 1562  
Delta R.T. -0.00 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.0   | 7.0   | 10.6  |
| 80      | 8.6   | 7.9   | 11.9  |



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





#65

4,6-Dinitro-2-methylphenol

Concen: 18.369 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDIC020

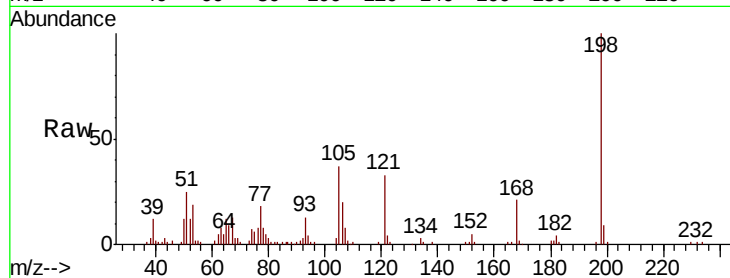
Tot Ion:198 Resp: 71359

Ion Ratio Lower Upper

198 100

51 25.2 7.1 47.1

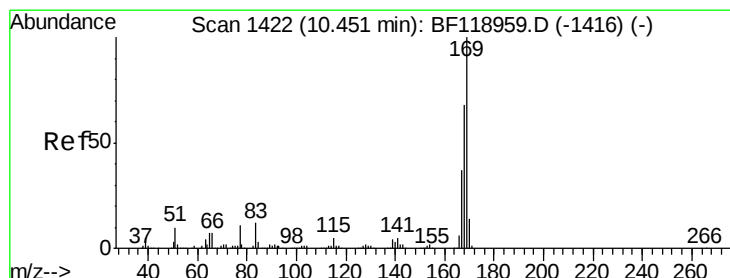
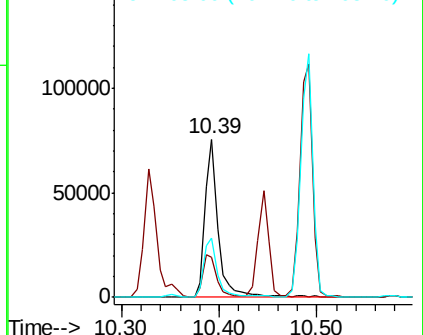
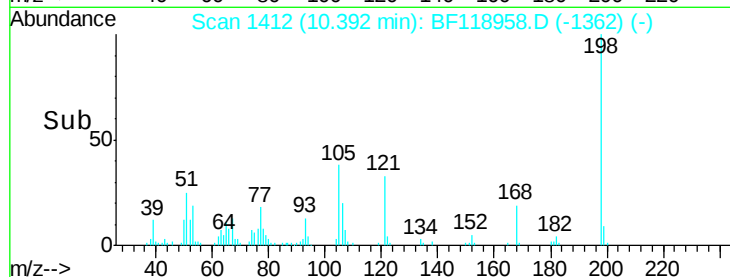
105 37.4 18.3 58.3



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: 21.644 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

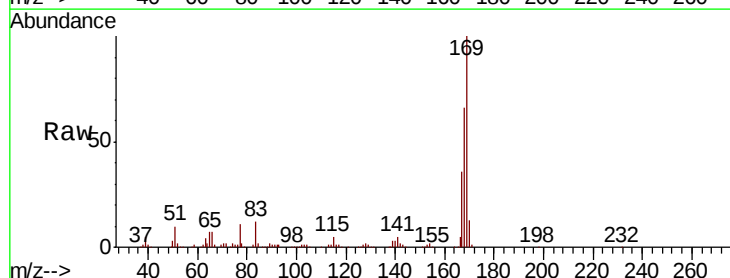
Tgt Ion:169 Resp: 432071

Ion Ratio Lower Upper

169 100

168 66.1 54.2 81.2

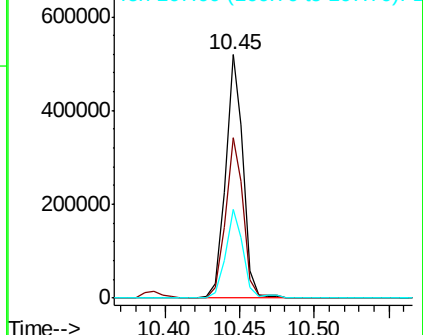
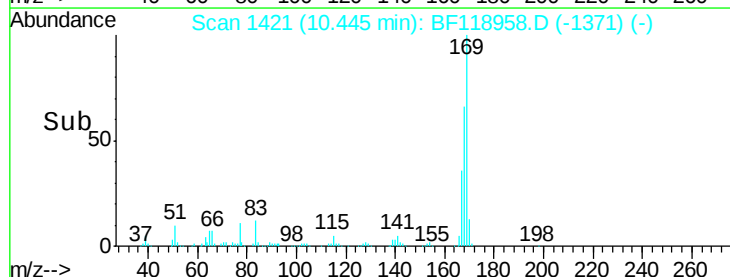
167 36.3 29.4 44.2

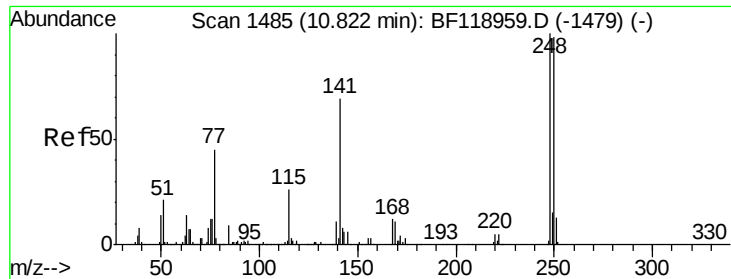


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

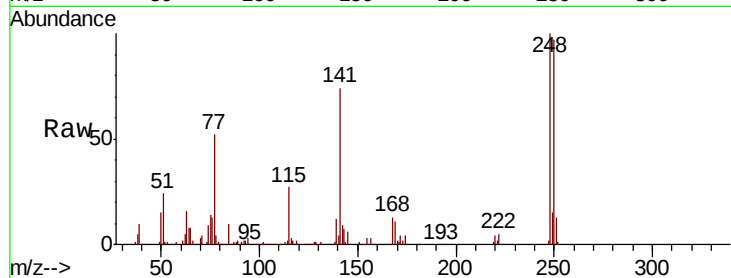




#67  
4-Bromophenyl-phenylether  
Concen: 21.199 ng  
RT: 10.82 min Scan# 1484  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.0  | 78.8  | 118.2 |
| 141     | 73.7  | 55.3  | 82.9  |

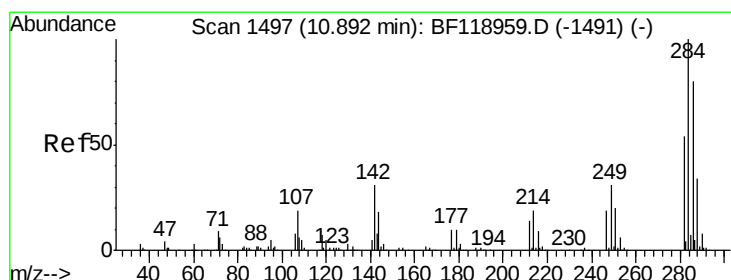
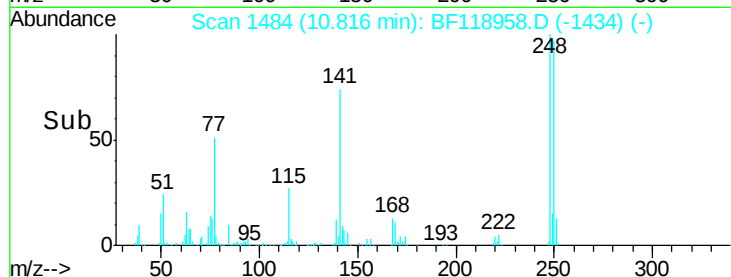
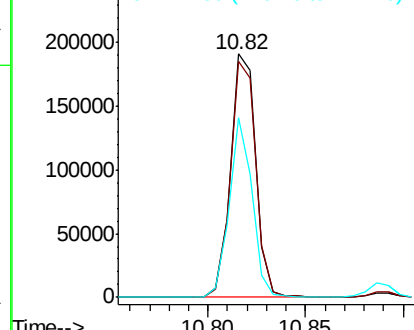


Abundance

Ion 248.00 (247.70 to 248.70): E

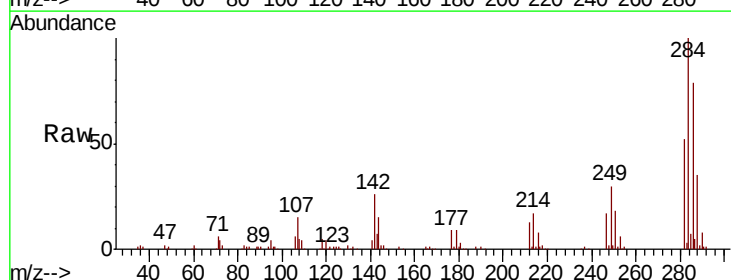
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 21.024 ng  
RT: 10.89 min Scan# 1497  
Delta R.T. -0.00 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 25.7  | 25.0  | 37.6  |
| 249     | 29.6  | 25.0  | 37.4  |

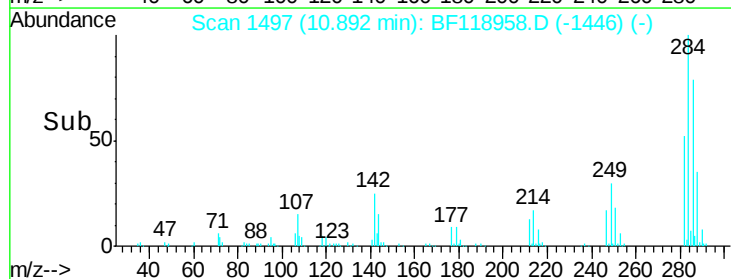
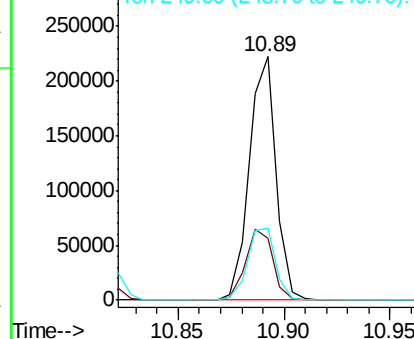


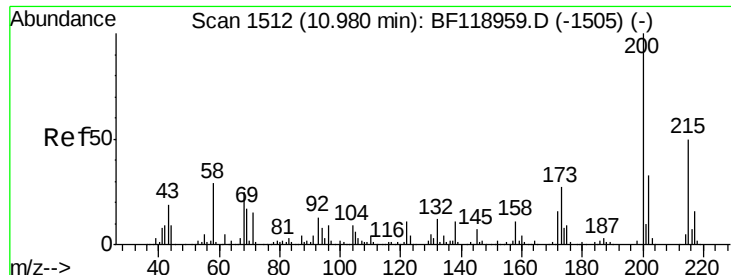
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

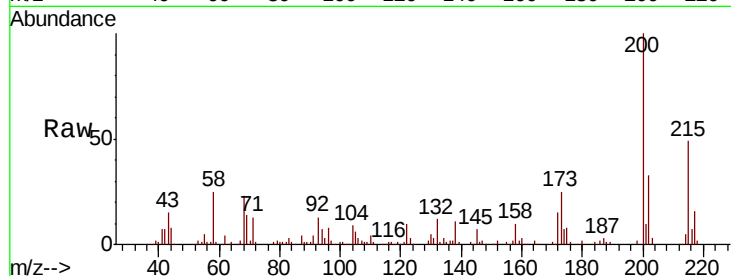




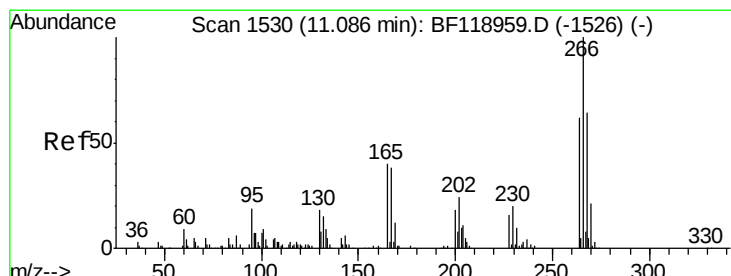
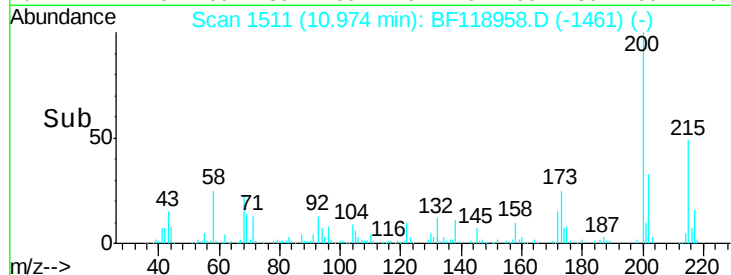
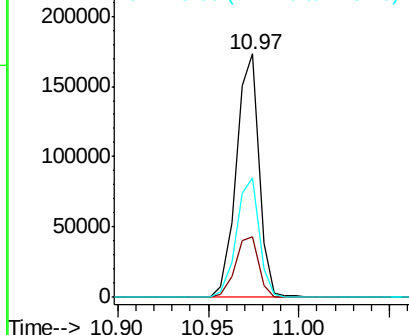
#69  
Atrazine  
Concen: 22.668 ng  
RT: 10.97 min Scan# 1511  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

Tot Ion:200 Resp: 151460  
Ion Ratio Lower Upper  
200 100  
173 24.7 6.9 46.9  
215 49.3 29.7 69.7

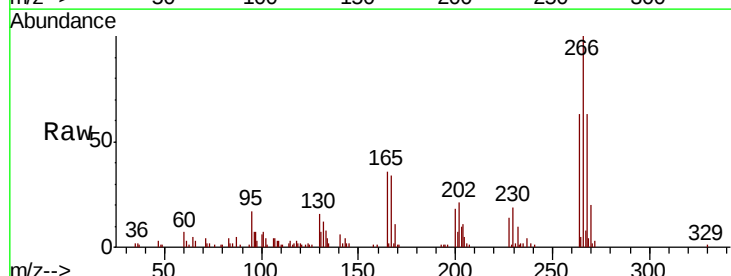


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

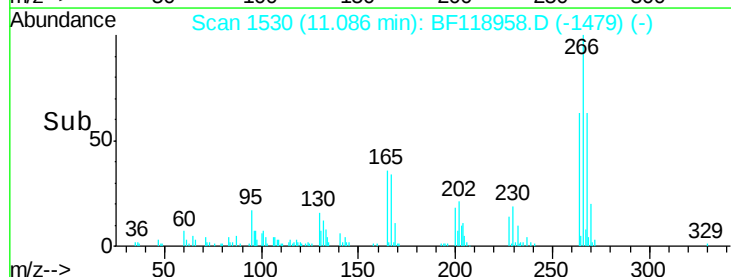
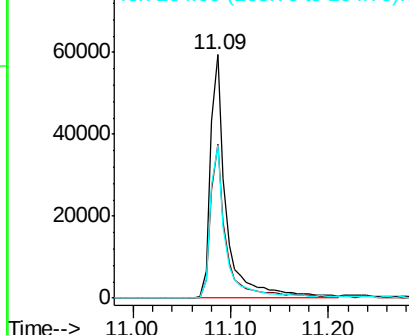


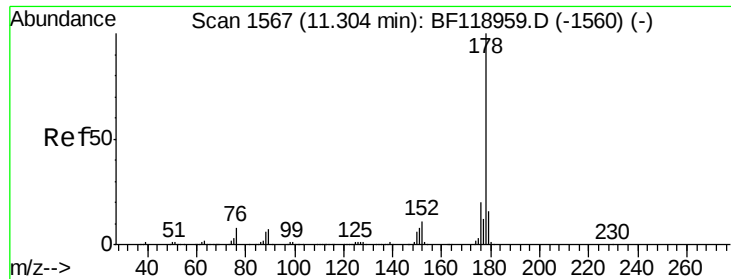
#70  
Pentachlorophenol  
Concen: 17.017 ng  
RT: 11.09 min Scan# 1530  
Delta R.T. -0.00 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Tgt Ion:266 Resp: 67495  
Ion Ratio Lower Upper  
266 100  
268 63.3 51.4 77.0  
264 62.9 49.5 74.3



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

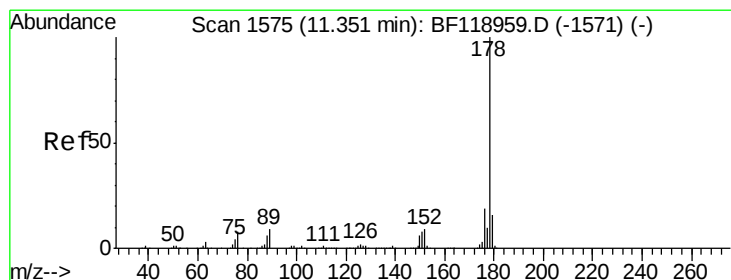
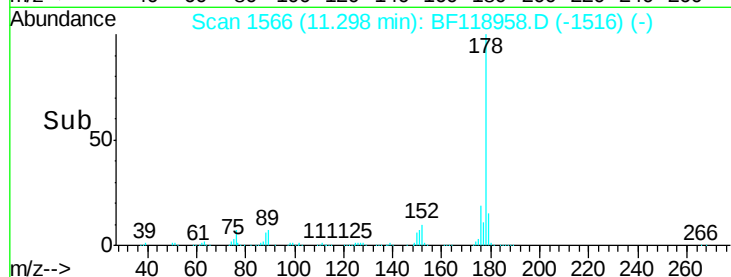
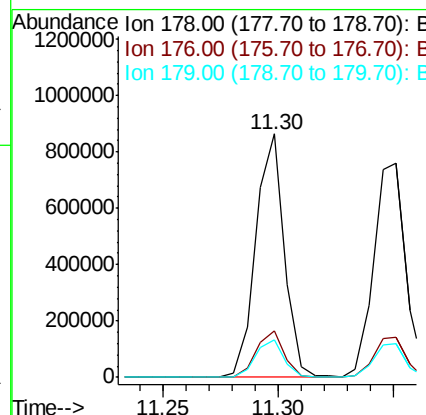
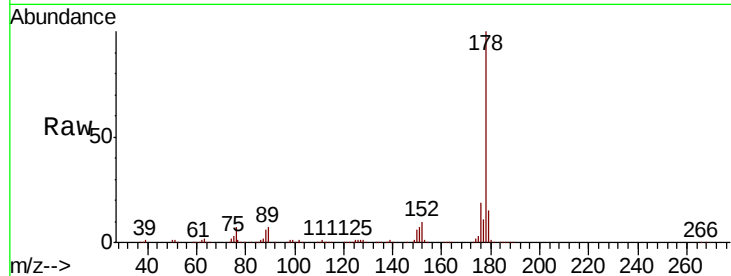




#71  
Phenanthrene  
Concen: 22.535 ng  
RT: 11.30 min Scan# 1566  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

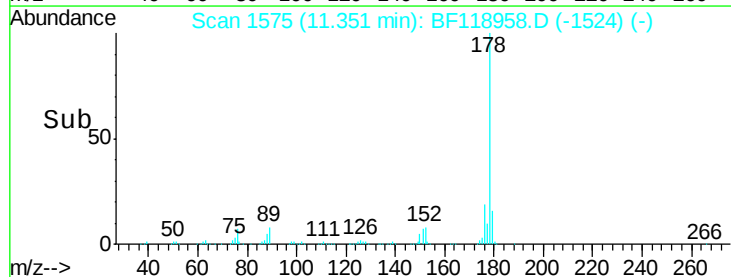
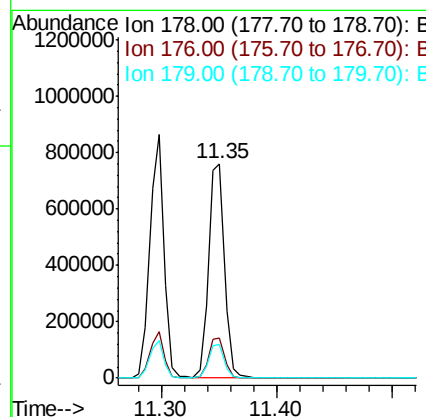
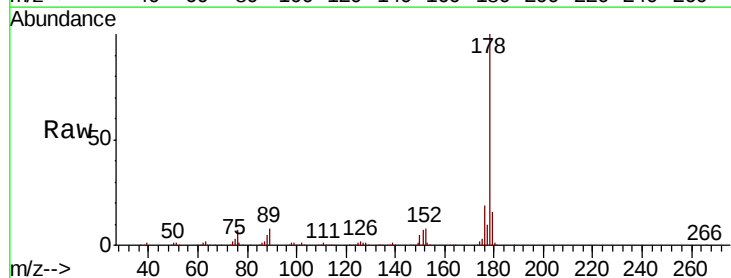
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

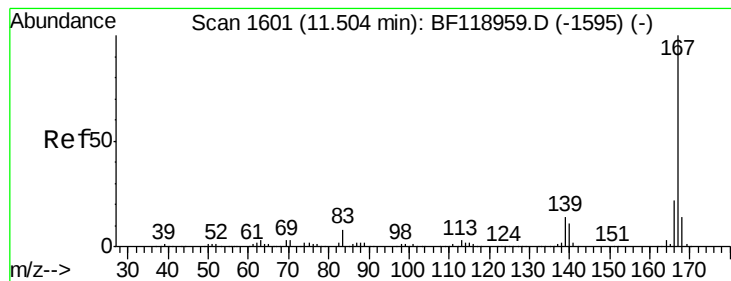
Tot Ion:178 Resp: 745921  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.6 23.4  
179 15.2 12.6 18.8



#72  
Anthracene  
Concen: 22.240 ng  
RT: 11.35 min Scan# 1575  
Delta R.T. -0.00 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Tgt Ion:178 Resp: 736532  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.4 23.2  
179 15.7 12.8 19.2





#73

Carbazole

Concen: 22.126 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

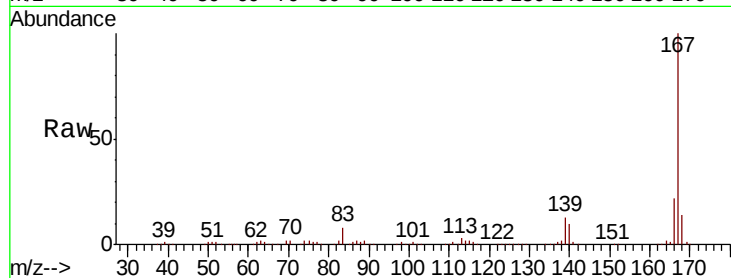
Tot Ion:167 Resp: 656775

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

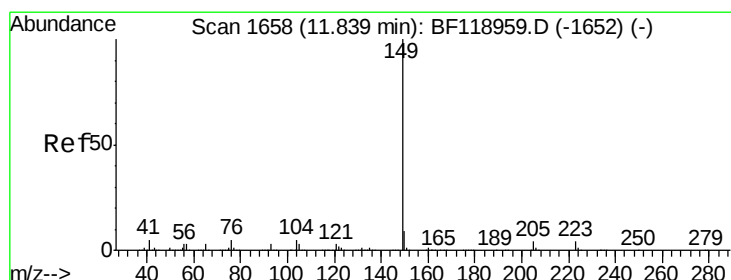
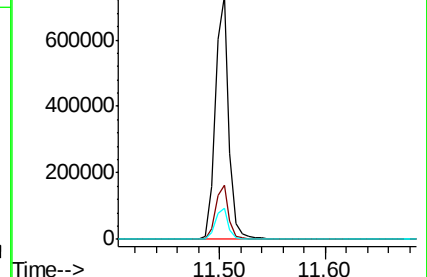
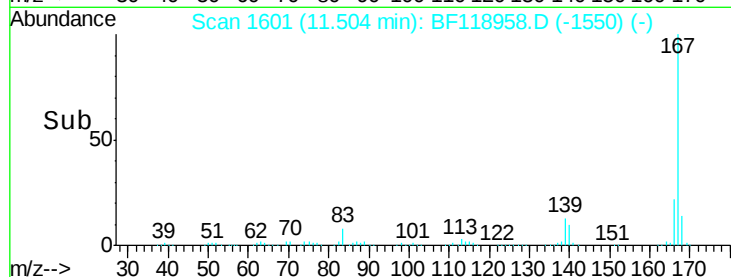
139 12.8 11.2 16.8



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: 21.469 ng

RT: 11.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

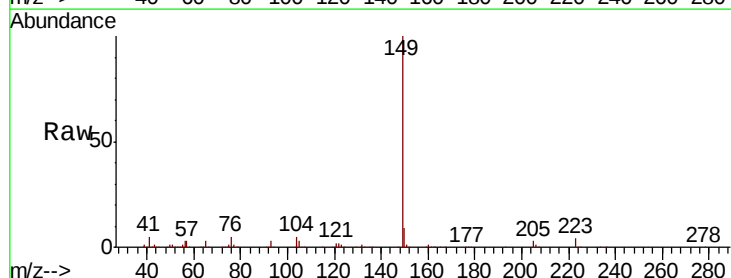
Tgt Ion:149 Resp: 808575

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

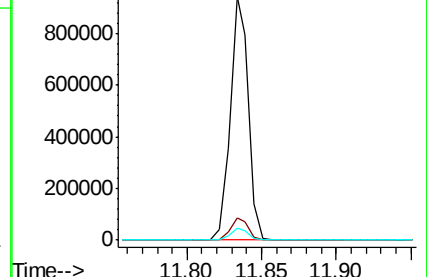
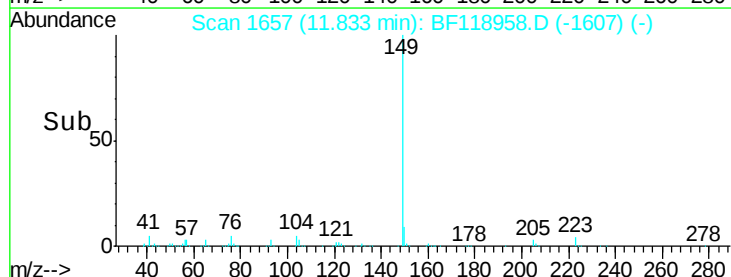
104 4.8 4.0 6.0



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

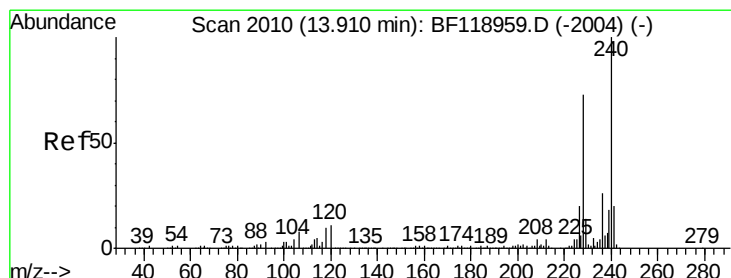
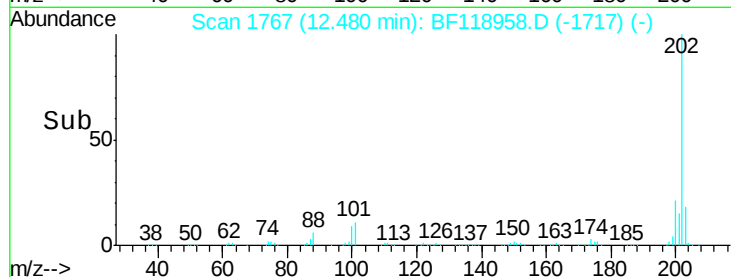
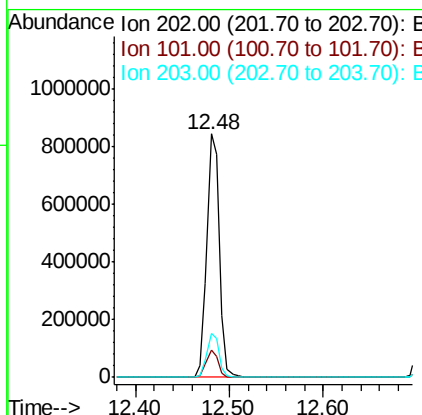
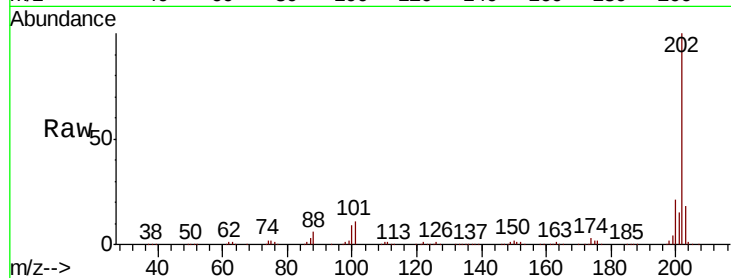




#75  
Fluoranthene  
Concen: 21.582 ng  
RT: 12.48 min Scan# 1767  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

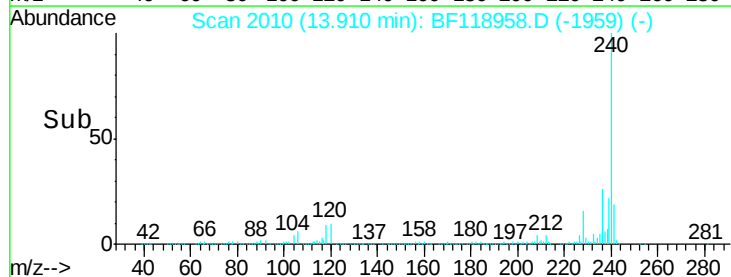
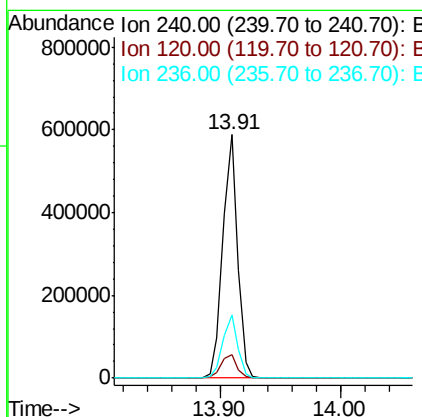
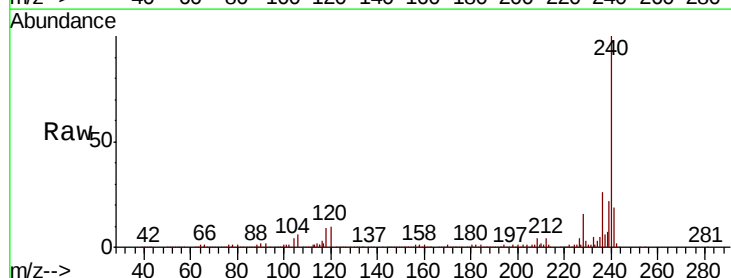
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

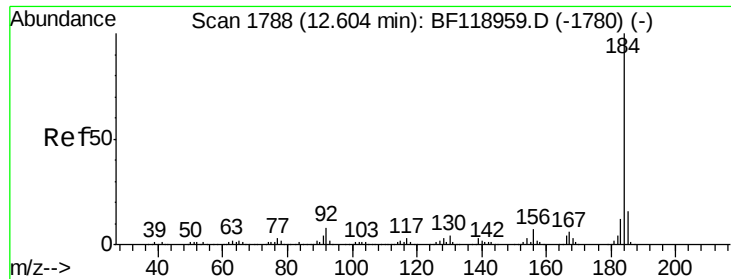
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.5  | 0.0   | 31.1  |
| 203     | 18.1  | 0.0   | 38.1  |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.91 min Scan# 2010  
Delta R.T. -0.00 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 9.7   | 8.9   | 13.3  |
| 236     | 25.8  | 20.6  | 30.8  |





#77

Benzidine

Concen: 27.156 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDIC020

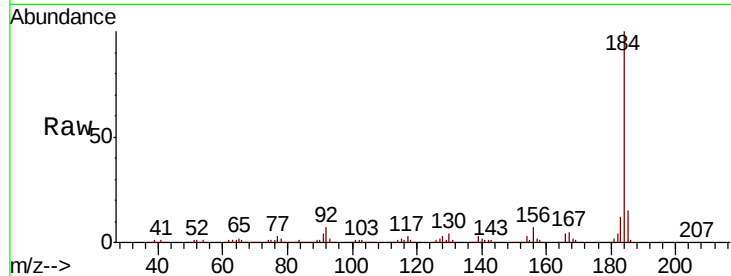
Tot Ion:184 Resp: 431375

Ion Ratio Lower Upper

184 100

185 14.7 12.6 19.0

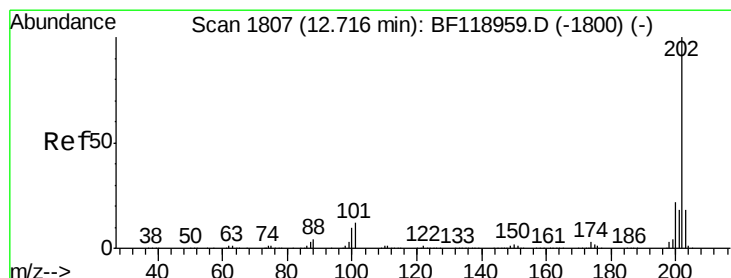
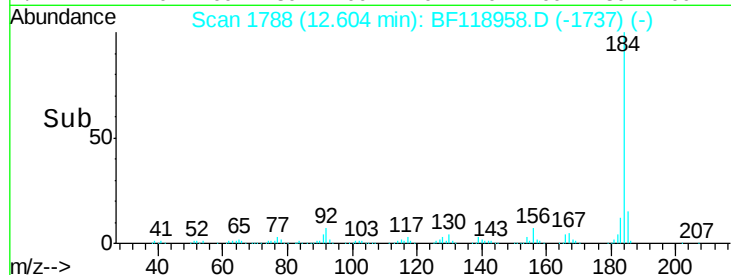
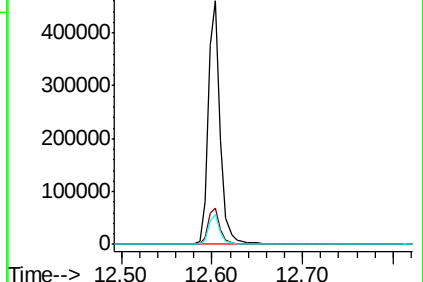
183 12.2 9.9 14.9



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: 22.486 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

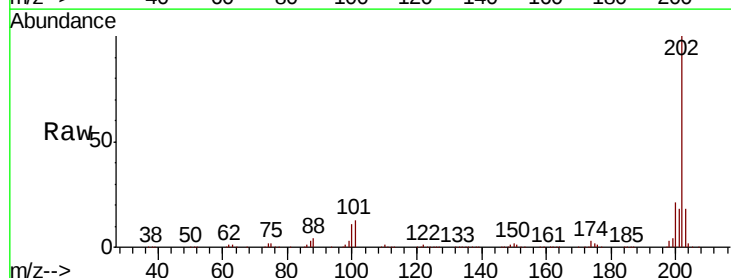
Tgt Ion:202 Resp: 805136

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.0

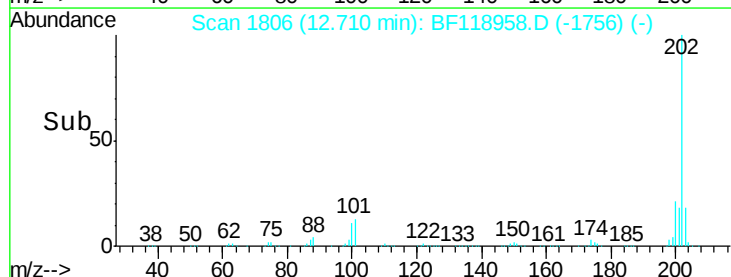
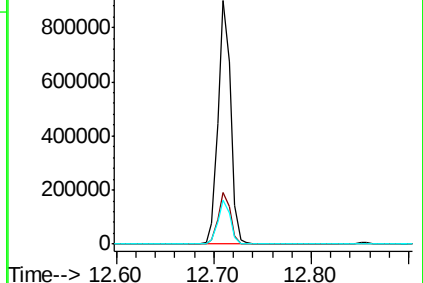
203 18.2 14.5 21.7

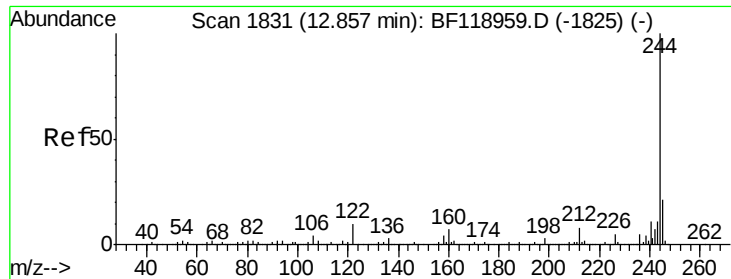


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



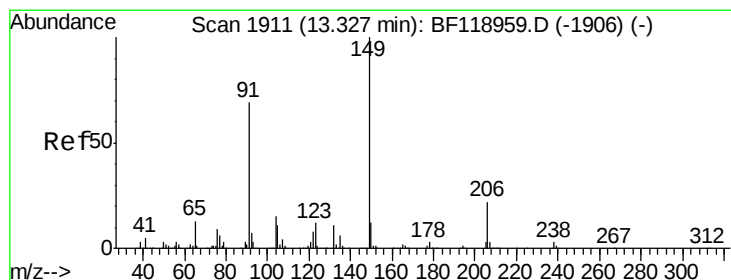
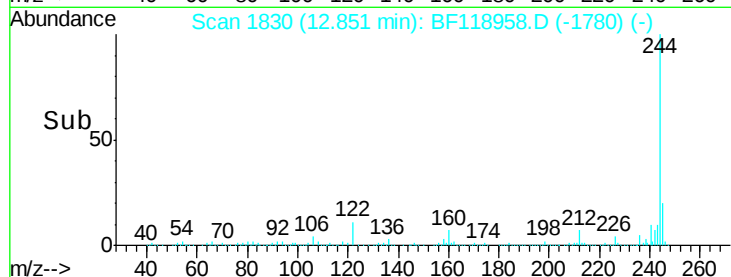
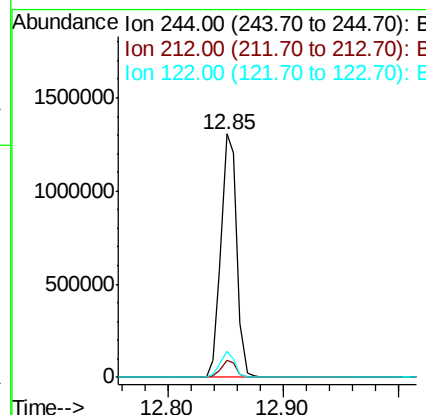
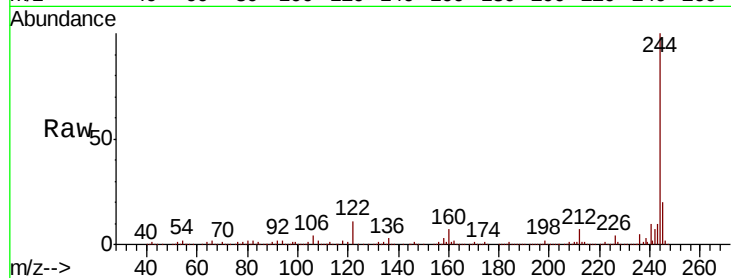


#79  
 Terphenyl-d14  
 Concen: 49.325 ng  
 RT: 12.85 min Scan# 1830  
 Delta R.T. -0.01 min  
 Lab File: BF118958.D  
 Acq: 20 Feb 2020 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Tot Ion:244 Resp: 1243577  

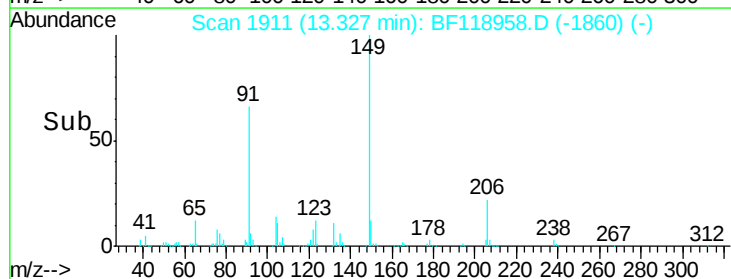
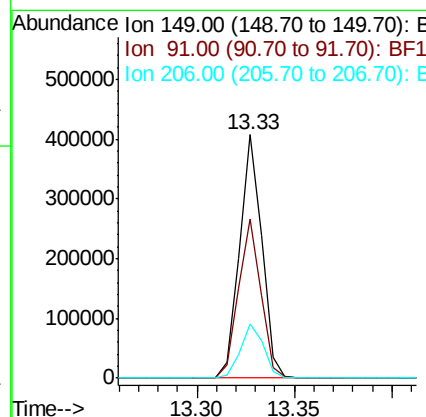
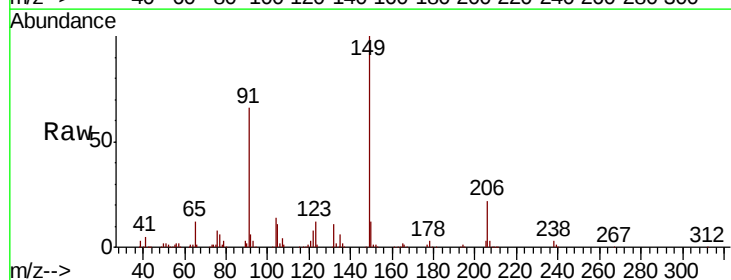
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.2   | 6.3   | 9.5   |
| 122 | 10.6  | 8.4   | 12.6  |



#80  
 Butylbenzylphthalate  
 Concen: 20.570 ng  
 RT: 13.33 min Scan# 1911  
 Delta R.T. -0.00 min  
 Lab File: BF118958.D  
 Acq: 20 Feb 2020 13:43

Tgt Ion:149 Resp: 322749  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 65.6  | 55.4  | 83.2  |
| 206 | 22.5  | 17.7  | 26.5  |





#81

Benzo(a)anthracene

Concen: 23.071 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

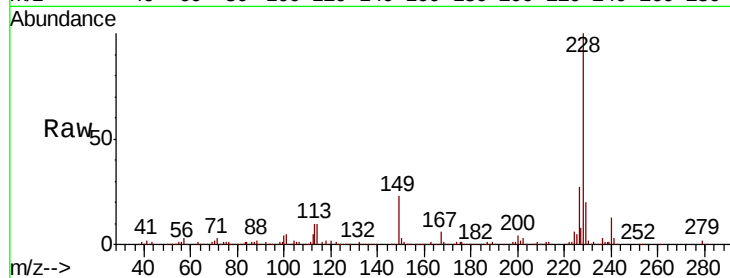
Tot Ion:228 Resp: 701485

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

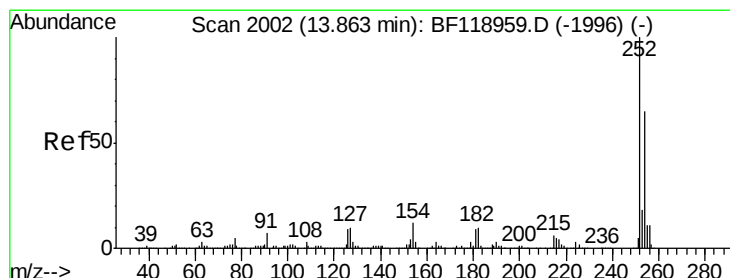
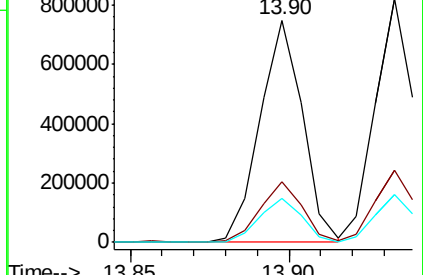
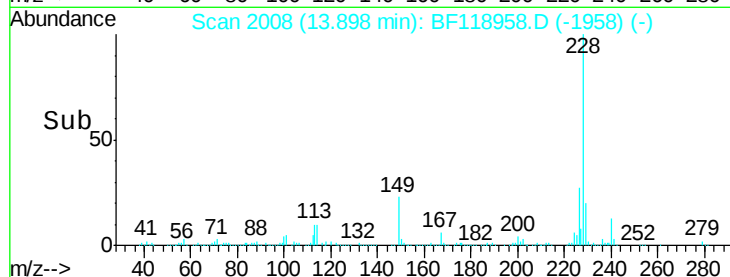
229 19.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.664 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

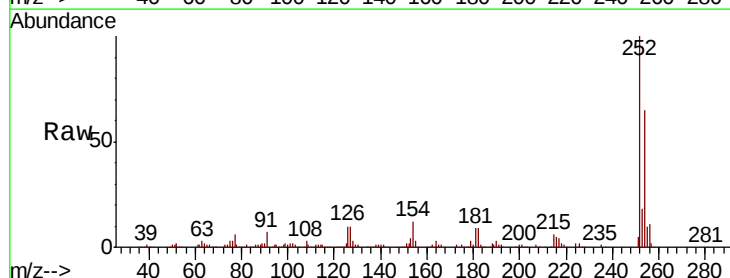
Tgt Ion:252 Resp: 268141

Ion Ratio Lower Upper

252 100

254 65.3 52.1 78.1

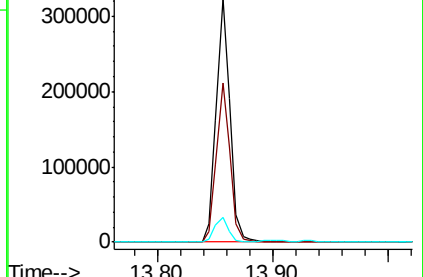
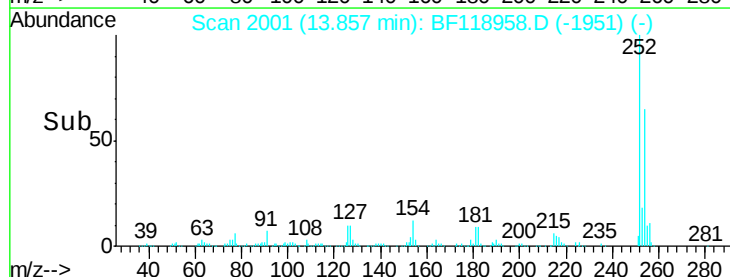
126 10.3 7.3 10.9

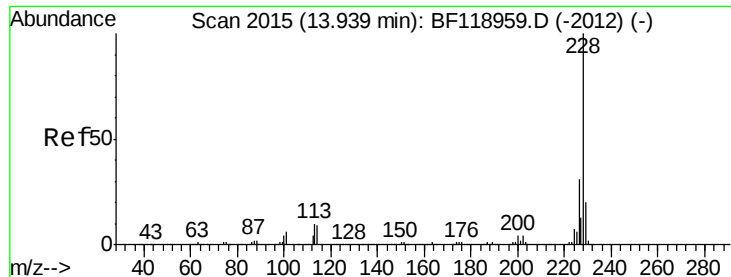


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

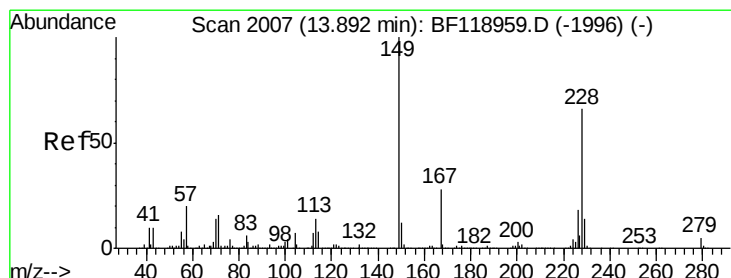
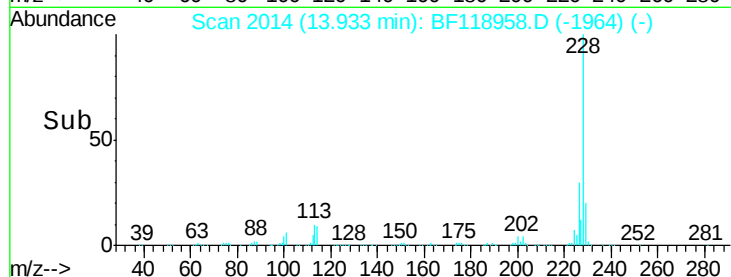
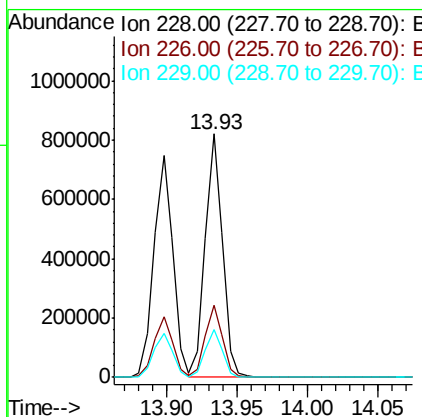
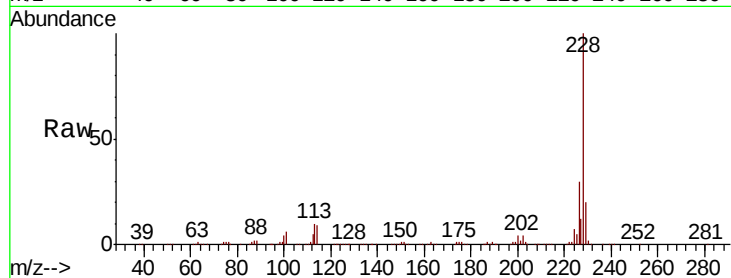




#83  
 Chrvsene  
 Concen: 22.951 ng  
 RT: 13.93 min Scan# 2014  
 Delta R.T. -0.01 min  
 Lab File: BF118958.D  
 Acq: 20 Feb 2020 13:43

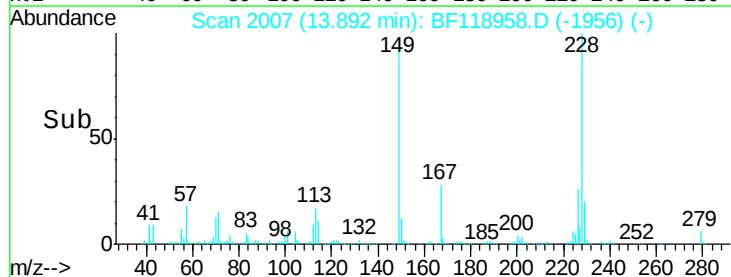
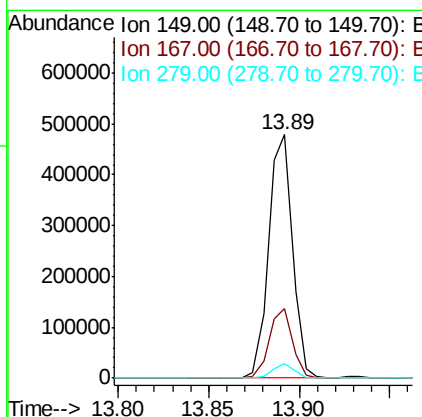
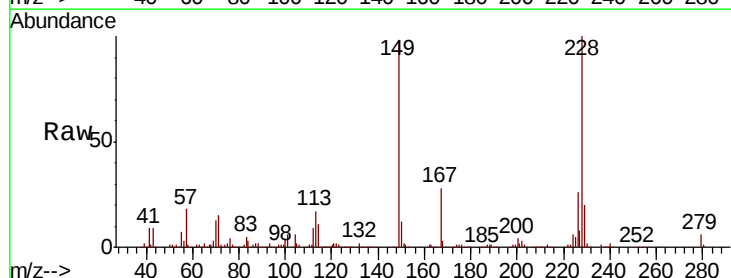
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Tot Ion:228 Resp: 699573  
 Ion Ratio Lower Upper  
 228 100  
 226 29.6 24.6 37.0  
 229 19.8 16.2 24.2



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 22.019 ng  
 RT: 13.89 min Scan# 2007  
 Delta R.T. -0.00 min  
 Lab File: BF118958.D  
 Acq: 20 Feb 2020 13:43

Tgt Ion:149 Resp: 437800  
 Ion Ratio Lower Upper  
 149 100  
 167 28.5 22.3 33.5  
 279 5.8 4.2 6.4

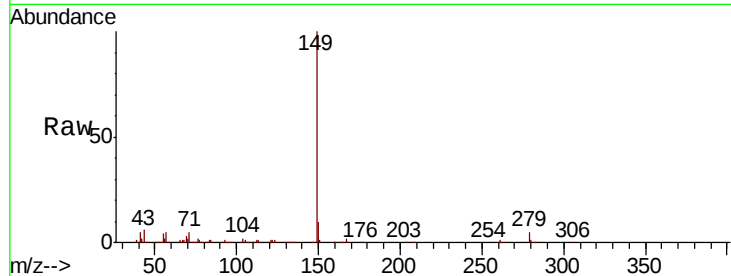




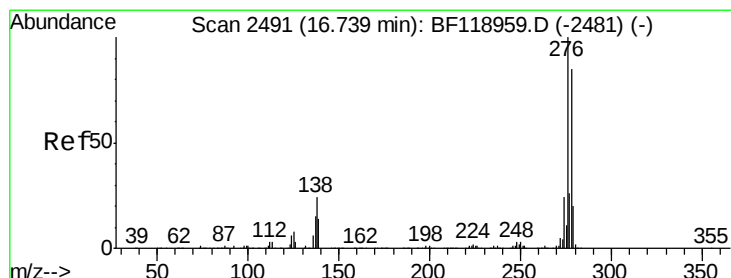
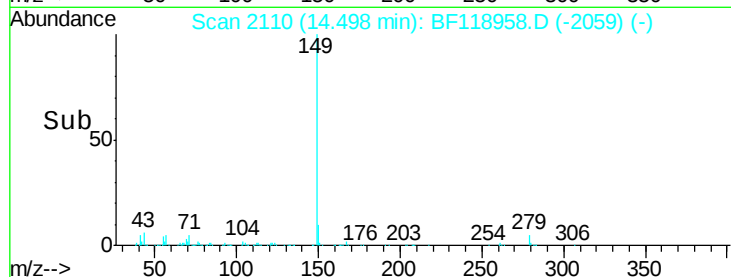
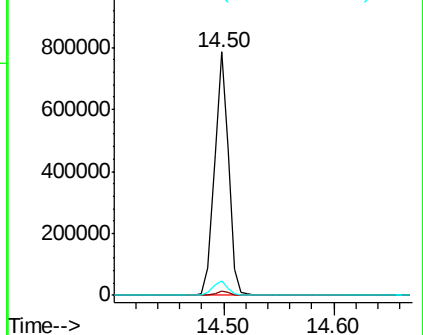
#85  
Di-n-octyl phthalate  
Concen: 21.109 ng  
RT: 14.50 min Scan# 2110  
Delta R.T. -0.00 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 6.1   | 5.2   | 7.8   |

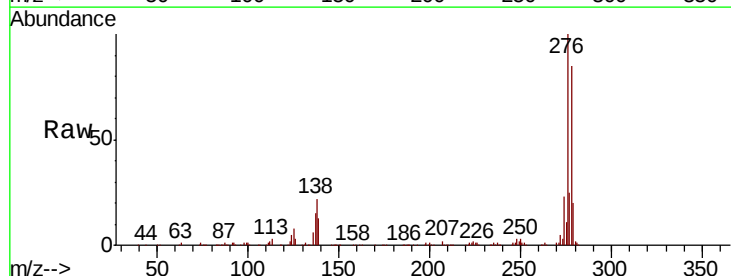


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

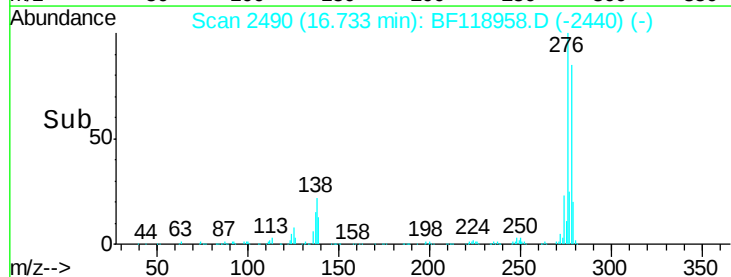
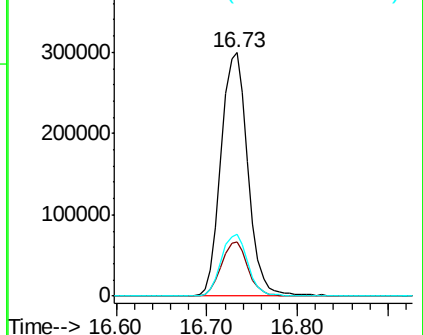


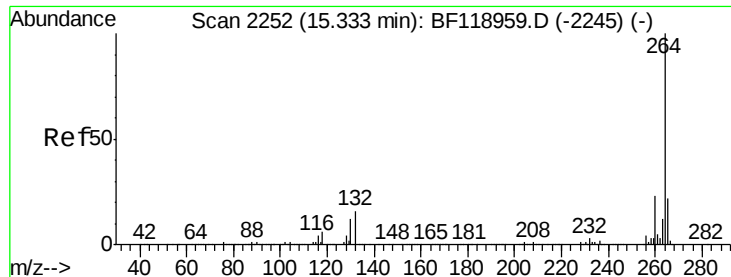
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 20.571 ng  
RT: 16.73 min Scan# 2490  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.2  | 18.7  | 28.1  |
| 277     | 25.4  | 20.3  | 30.5  |



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

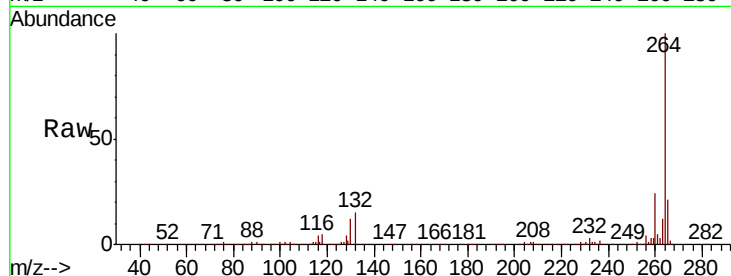
Tot Ion:264 Resp: 487545

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

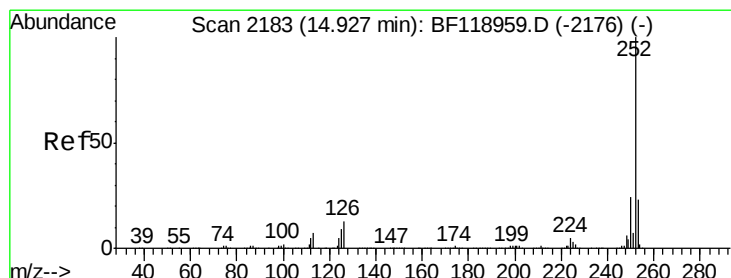
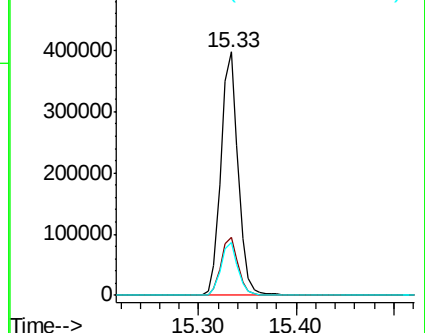
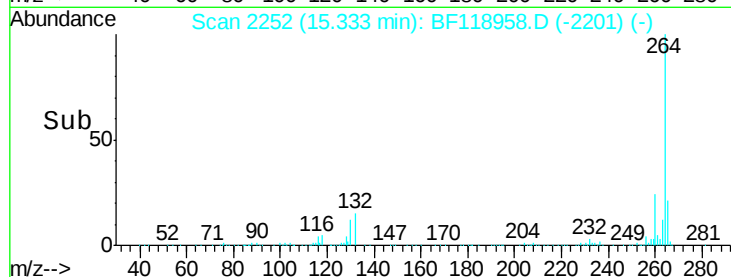
265 21.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 20.825 ng

RT: 14.92 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BF118958.D

Acq: 20 Feb 2020 13:43

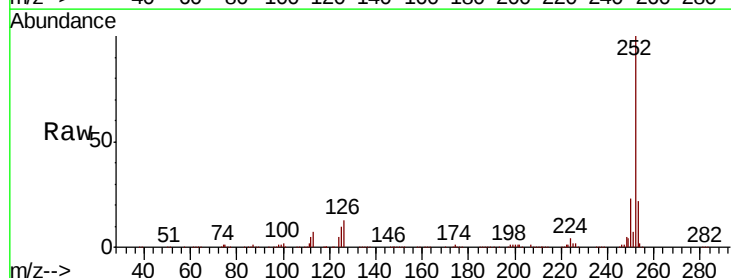
Tgt Ion:252 Resp: 684456

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

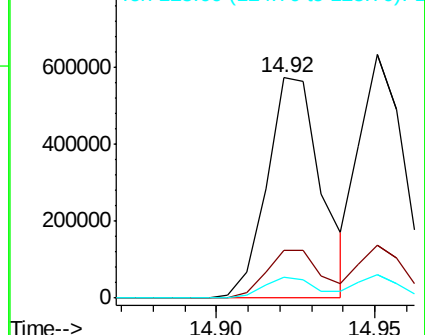
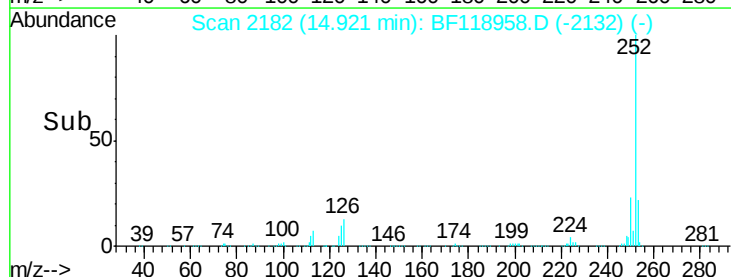
125 9.7 7.4 11.0

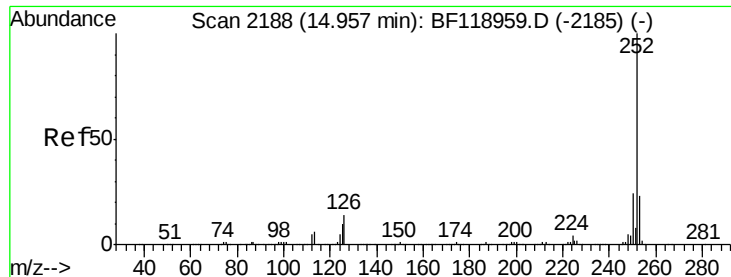


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

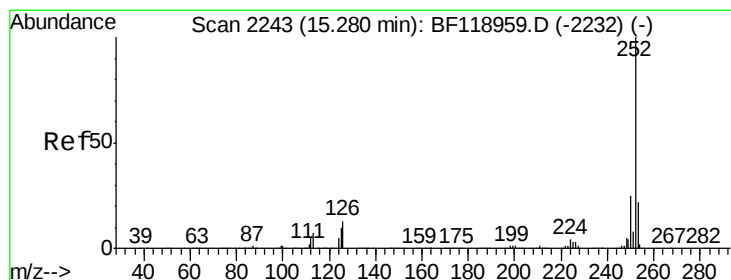
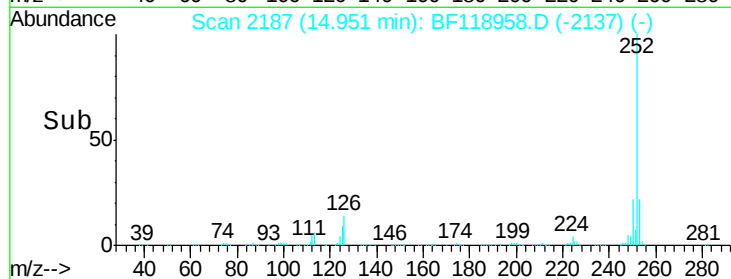
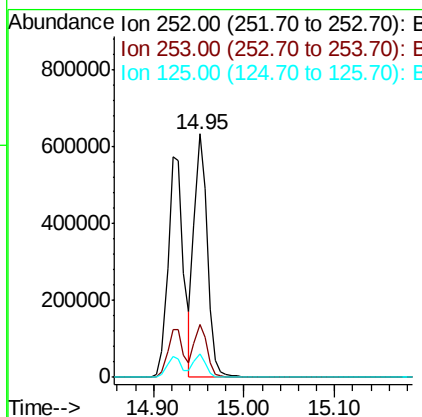
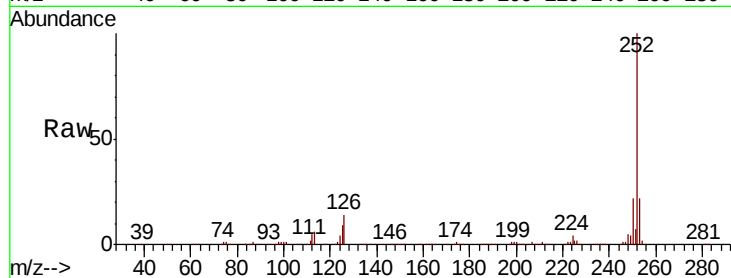




#89  
Benzo(k)fluoranthene  
Concen: 21.632 ng  
RT: 14.95 min Scan# 2187  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

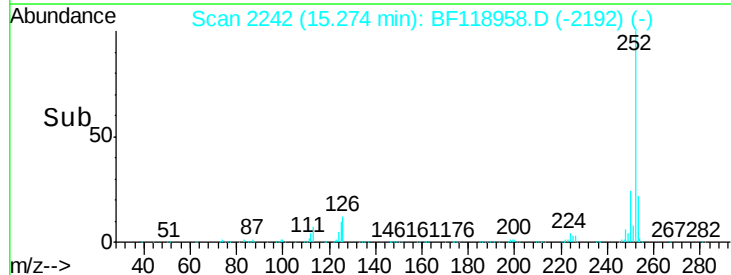
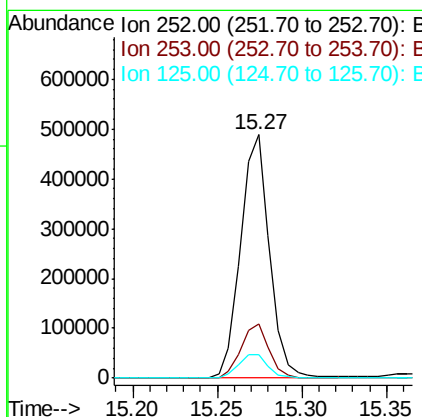
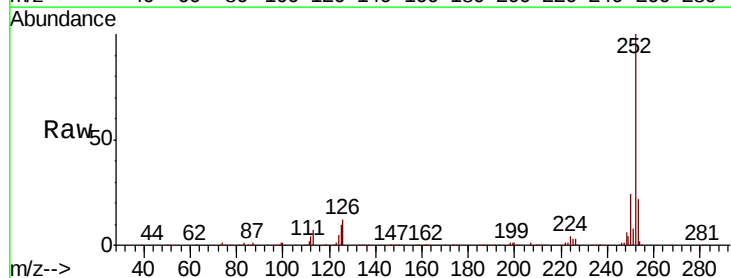
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

Tot Ion:252 Resp: 631804  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.9 26.9  
125 9.4 7.3 10.9



#90  
Benzo(a)pyrene  
Concen: 20.599 ng  
RT: 15.27 min Scan# 2242  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Tgt Ion:252 Resp: 583295  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.9 26.9  
125 9.6 7.8 11.6

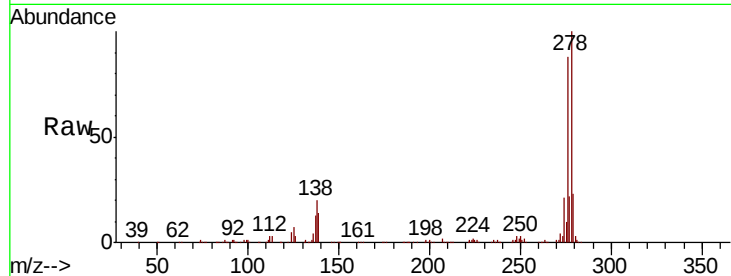




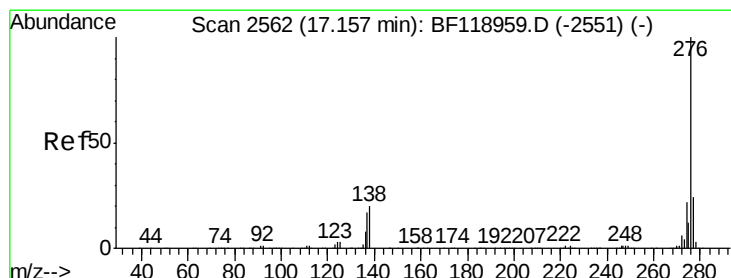
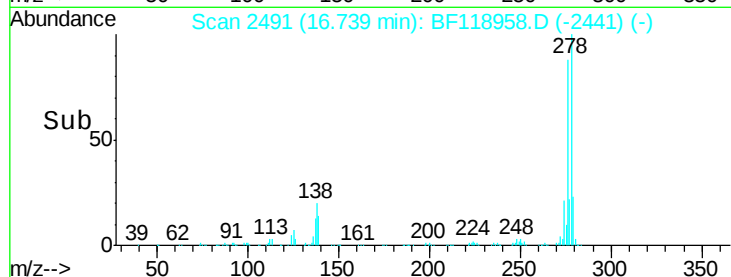
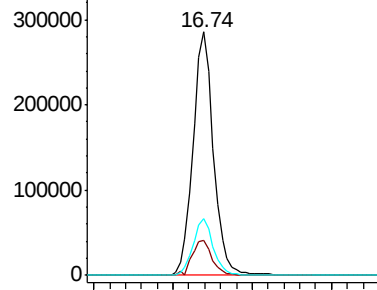
#91  
Dibenzo(a,h)anthracene  
Concen: 19.923 ng  
RT: 16.74 min Scan# 2491  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.4  | 12.6  | 18.8  |
| 279     | 23.3  | 19.0  | 28.6  |

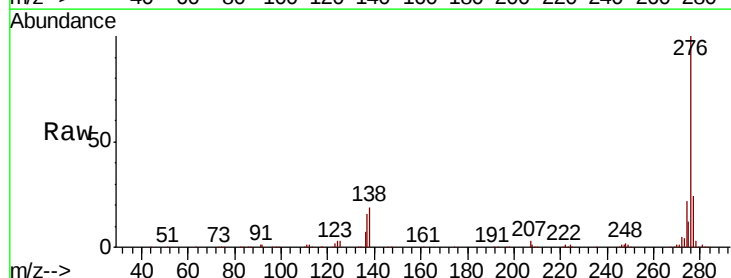


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 19.261 ng  
RT: 17.15 min Scan# 2561  
Delta R.T. -0.01 min  
Lab File: BF118958.D  
Acq: 20 Feb 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.9  | 19.2  | 28.8  |
| 138     | 18.8  | 16.2  | 24.4  |



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

