

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\  
 Data File : BF120982.D  
 Acq On : 23 Jul 2020 15:10  
 Operator : JU/CG  
 Sample : PB130408BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 23 16:25:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 16 14:20:32 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 221020   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 855228   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.85  | 164  | 449197   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.34 | 188  | 830444   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.97 | 240  | 589687   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.42 | 264  | 556119   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.44  | 112 | 1334499 | 98.98  | ng | 0.02 |
| 7) Phenol-d6             | 6.46  | 99  | 1680790 | 96.51  | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.38  | 82  | 1091469 | 73.85  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.64 | 330 | 499355  | 101.56 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.17  | 172 | 1948439 | 64.76  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.92 | 244 | 2029489 | 74.81  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.64 | 88  | 215382  | 34.712 | ng | 99     |
| 3) Pyridine                    | 3.37 | 79  | 595957  | 36.105 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.33 | 42  | 279997  | 39.670 | ng | 96     |
| 6) Aniline                     | 6.48 | 93  | 656861  | 28.894 | ng | 98     |
| 8) 2-Chlorophenol              | 6.60 | 128 | 629074  | 42.355 | ng | 99     |
| 9) Benzaldehyde                | 6.36 | 77  | 162473  | 15.861 | ng | 98     |
| 10) Phenol                     | 6.47 | 94  | 731310  | 38.174 | ng | 86     |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 600706  | 40.914 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 621735  | 38.605 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.83 | 146 | 618273  | 38.607 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 567934  | 37.487 | ng | 99     |
| 15) Benzyl Alcohol             | 6.96 | 79  | 442716  | 35.946 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45  | 821797  | 38.833 | ng | 98     |
| 17) 2-Methylphenol             | 7.07 | 107 | 492223  | 37.391 | ng | 98     |
| 18) Hexachloroethane           | 7.33 | 117 | 236939  | 40.878 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70  | 387973  | 39.177 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.23 | 107 | 532547  | 31.802 | ng | 91     |
| 22) Acetophenone               | 7.23 | 105 | 738942  | 38.499 | ng | # 92   |
| 24) Nitrobenzene               | 7.40 | 77  | 619693  | 38.901 | ng | 99     |
| 25) Isophorone                 | 7.64 | 82  | 1165671 | 39.517 | ng | 99     |
| 26) 2-Nitrophenol              | 7.72 | 139 | 334228  | 44.176 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 518462  | 42.207 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 746233  | 41.443 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 519117  | 41.357 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.04 | 180 | 557515  | 40.033 | ng | 99     |
| 31) Naphthalene                | 8.12 | 128 | 1683997 | 38.387 | ng | 99     |
| 32) Benzoic acid               | 7.89 | 122 | 413111  | 44.801 | ng | 99     |
| 33) 4-Chloroaniline            | 8.17 | 127 | 471017  | 24.069 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.24 | 225 | 318543  | 38.801 | ng | 100    |
| 35) Caprolactam                | 8.55 | 113 | 124897  | 31.028 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107 | 534432  | 41.514 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.81 | 142 | 1162356 | 40.807 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.91 | 142 | 1106613 | 41.020 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 497043  | 37.978 | ng | 99     |

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 Sample : PB130408BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

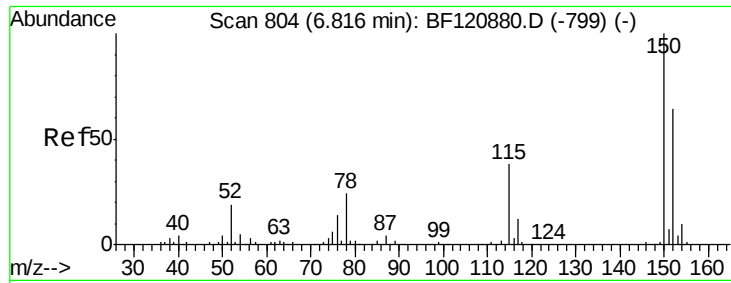
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 23 16:25:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 16 14:20:32 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.96  | 237  | 523782   | 72.413 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 9.09  | 196  | 380214   | 41.261 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.13  | 196  | 387408   | 37.063 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.27  | 154  | 1338351  | 39.059 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 1073876  | 38.440 | ng    | 100      |
| 48) 2-Nitroaniline             | 9.40  | 65   | 332295   | 39.360 | ng    | 93       |
| 49) Acenaphthylene             | 9.72  | 152  | 1663891  | 38.339 | ng    | 100      |
| 50) Dimethylphthalate          | 9.58  | 163  | 1299077  | 40.087 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.64  | 165  | 289181   | 41.535 | ng    | 94       |
| 52) Acenaphthene               | 9.89  | 154  | 1017818  | 36.888 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.81  | 138  | 233206   | 26.707 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 9.92  | 184  | 311207   | 77.856 | ng    | 88       |
| 55) Dibenzofuran               | 10.06 | 168  | 1497297  | 37.525 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.97  | 139  | 504213   | 76.015 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.04 | 165  | 381223   | 41.696 | ng    | 98       |
| 58) Fluorene                   | 10.40 | 166  | 1043605  | 35.068 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 338584   | 42.543 | ng    | 98       |
| 60) Diethylphthalate           | 10.28 | 149  | 1285563  | 39.219 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 518264   | 32.651 | ng    | 100      |
| 62) 4-Nitroaniline             | 10.43 | 138  | 303863   | 35.724 | ng    | 99       |
| 63) Azobenzene                 | 10.56 | 77   | 1174867  | 37.649 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 206950   | 43.454 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.52 | 169  | 1059519  | 40.557 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.88 | 248  | 371803   | 40.157 | ng    | 97       |
| 68) Hexachlorobenzene          | 10.94 | 284  | 412098   | 41.146 | ng    | 97       |
| 69) Atrazine                   | 11.04 | 200  | 297869   | 46.040 | ng    | 99       |
| 70) Pentachlorophenol          | 11.14 | 266  | 455358   | 79.361 | ng    | 99       |
| 71) Phenanthrene               | 11.36 | 178  | 1618331  | 37.891 | ng    | 100      |
| 72) Anthracene                 | 11.42 | 178  | 1659636  | 38.698 | ng    | 99       |
| 73) Carbazole                  | 11.57 | 167  | 1559746  | 36.647 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.90 | 149  | 1904925  | 38.784 | ng    | 99       |
| 75) Fluoranthene               | 12.55 | 202  | 1754296  | 37.057 | ng    | 98       |
| 77) Benzidine                  | 12.67 | 184  | 487668   | 31.454 | ng    | 99       |
| 78) Pyrene                     | 12.77 | 202  | 1770118  | 42.458 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.40 | 149  | 804457   | 43.285 | ng    | 96       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 1351897  | 37.859 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 485020   | 36.003 | ng    | 98       |
| 83) Chrysene                   | 14.00 | 228  | 1477648  | 39.377 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 957750   | 41.791 | ng    | # 99     |
| 85) Di-n-octyl phthalate       | 14.57 | 149  | 1847059  | 40.510 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.85 | 276  | 1475793  | 38.158 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.00 | 252  | 1488998  | 44.295 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.03 | 252  | 1379794  | 45.007 | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.36 | 252  | 1304349  | 42.529 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.87 | 278  | 1236311  | 39.133 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.27 | 276  | 1168604  | 37.515 | ng    | 100      |

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



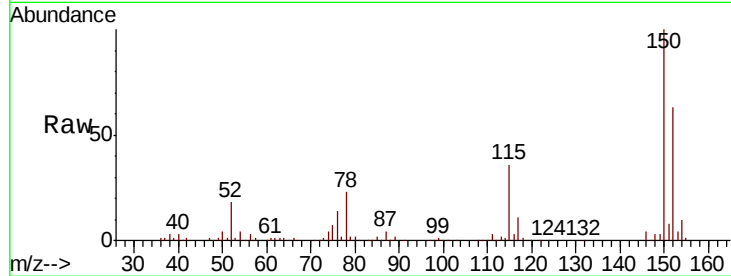


#1

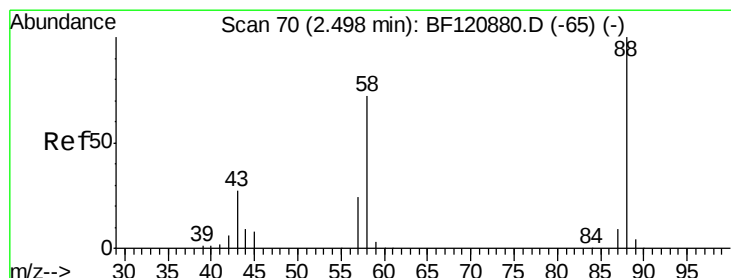
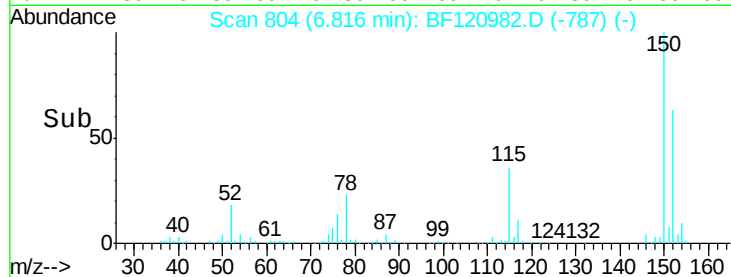
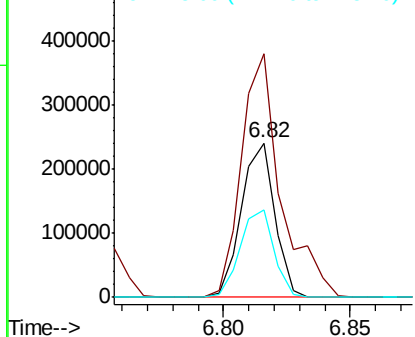
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.82 min Scan# 804  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 221020  
Ion Ratio Lower Upper  
152 100  
150 158.0 125.0 187.6  
115 56.6 47.0 70.4



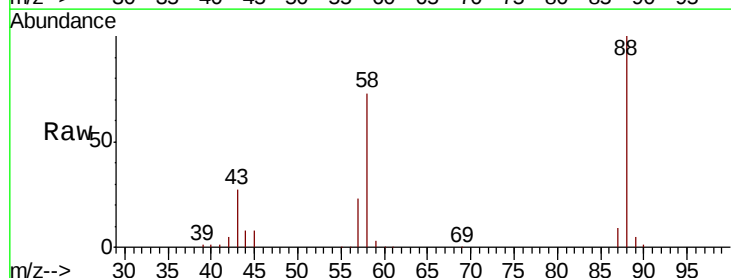
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



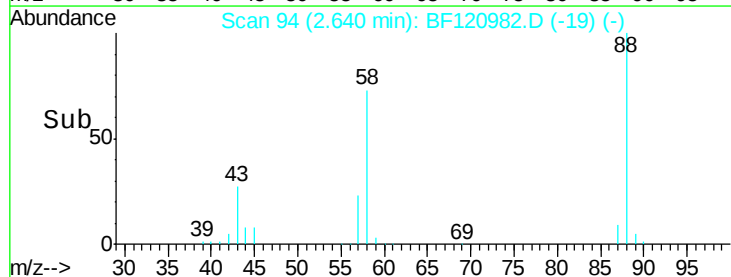
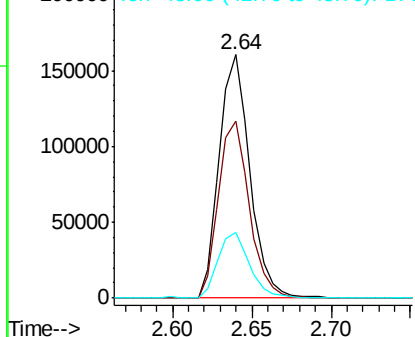
#2

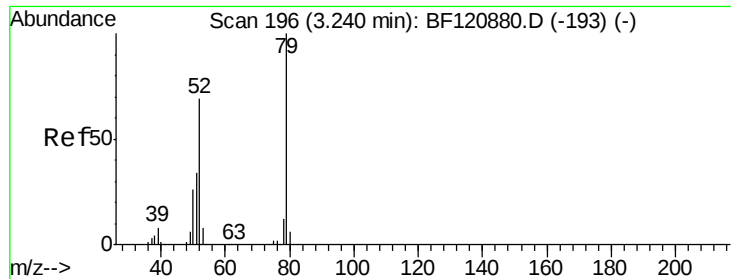
1,4-Dioxane  
Concen: 34.712 ng  
RT: 2.64 min Scan# 94  
Delta R.T. 0.14 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Tgt Ion: 88 Resp: 215382  
Ion Ratio Lower Upper  
88 100  
58 73.5 58.2 87.2  
43 28.5 22.1 33.1



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

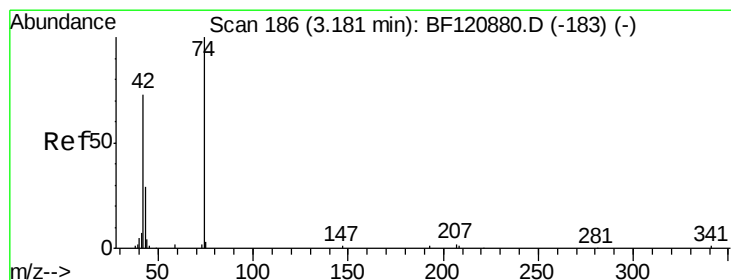
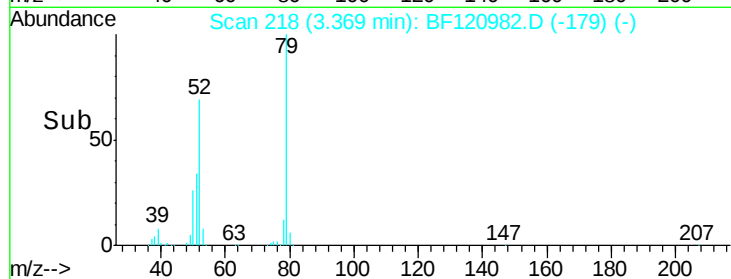
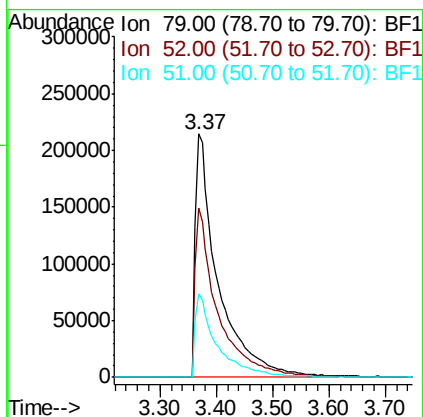
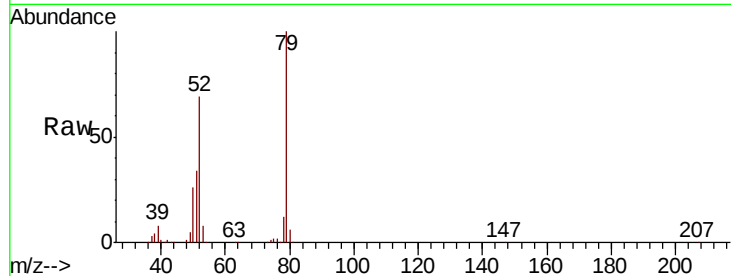




#3  
Pvrindine  
Concen: 36.105 ng  
RT: 3.37 min Scan# 218  
Delta R.T. 0.13 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

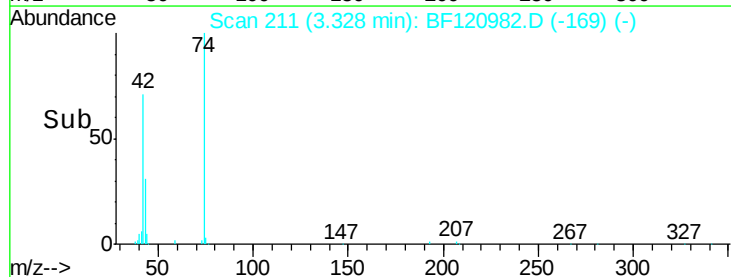
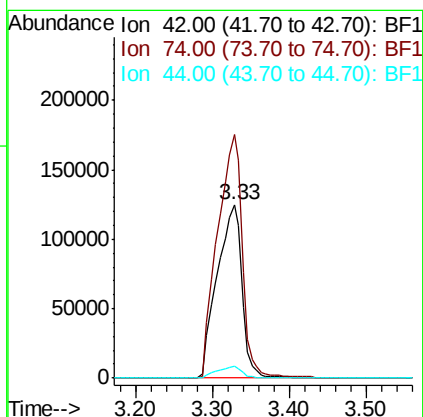
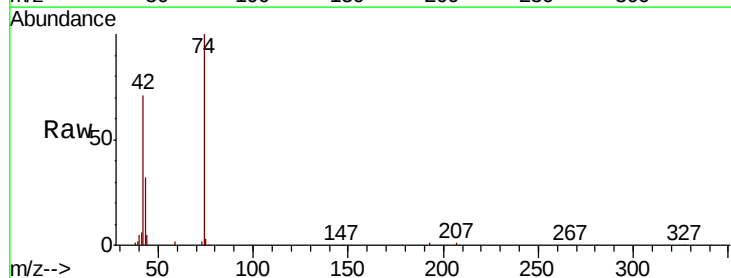
Instrument :  
BNA\_F  
ClientSampled :

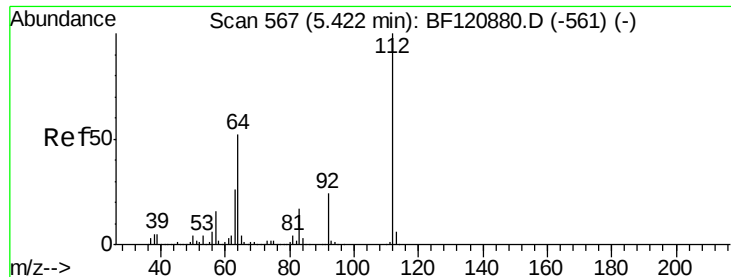
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 69.4  | 55.0  | 82.6  |
| 51      | 34.1  | 26.9  | 40.3  |



#4  
n-Nitrosodimethylamine  
Concen: 39.670 ng  
RT: 3.33 min Scan# 211  
Delta R.T. 0.15 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 140.6 | 108.7 | 163.1 |
| 44      | 6.7   | 5.2   | 7.8   |





#5

2-Fluorophenol

Concen: 98.983 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA\_F

ClientSampleId :

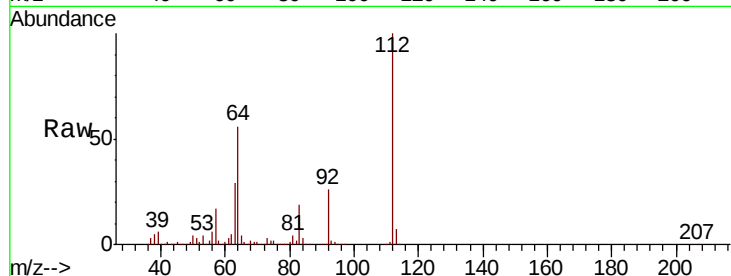
Tot Ion:112 Resp: 1334499

Ion Ratio Lower Upper

112 100

64 55.8 41.3 61.9

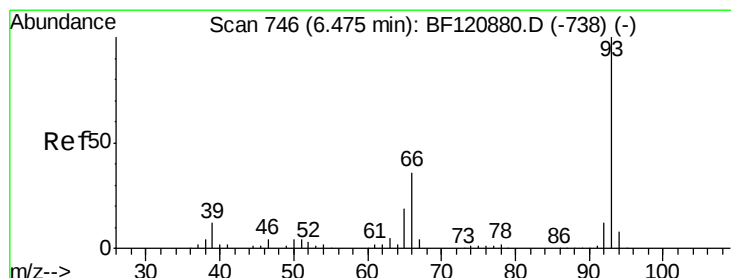
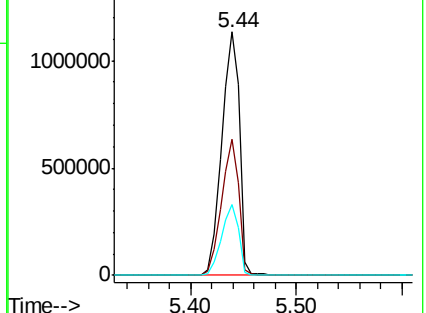
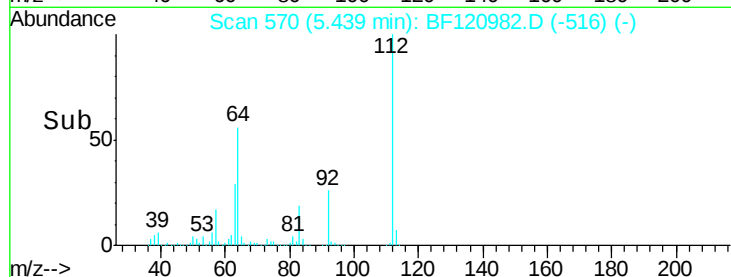
63 29.2 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.894 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

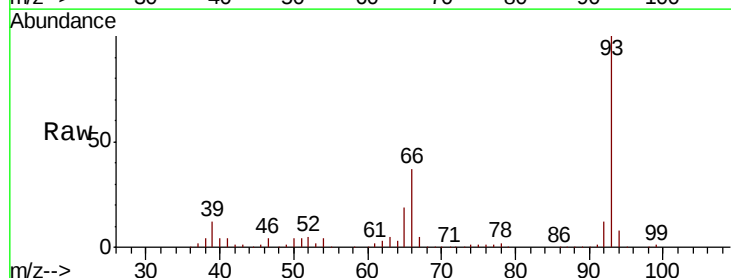
Tgt Ion: 93 Resp: 656861

Ion Ratio Lower Upper

93 100

66 36.5 30.2 45.4

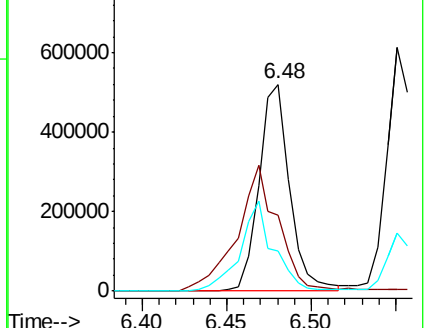
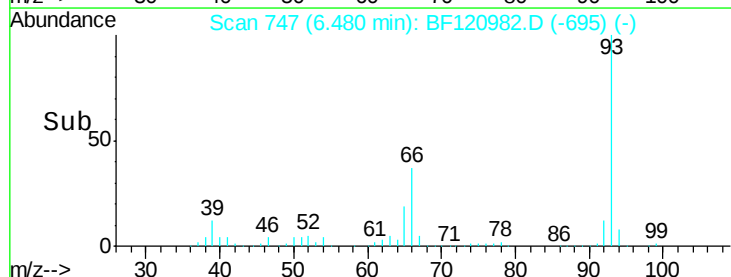
65 19.1 15.8 23.6



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: 96.511 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA\_F

ClientSampleId :

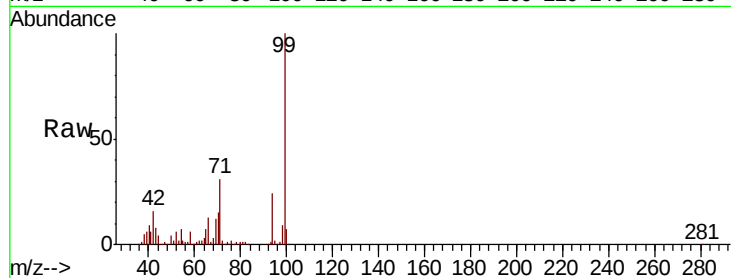
Tot Ion: 99 Resp: 1680790

Ion Ratio Lower Upper

99 100

42 16.4 13.1 19.7

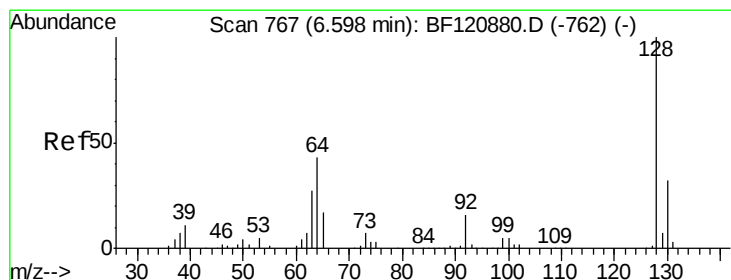
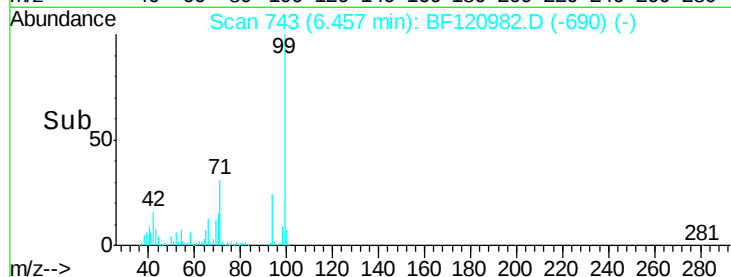
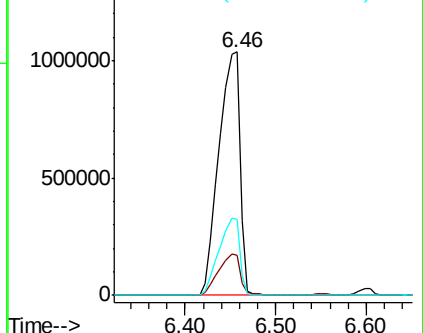
71 31.1 24.2 36.4



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: 42.355 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

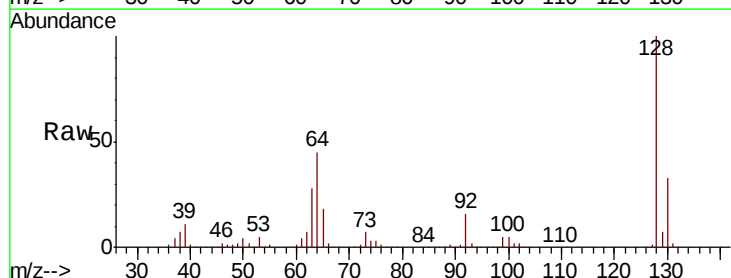
Tgt Ion: 128 Resp: 629074

Ion Ratio Lower Upper

128 100

130 32.8 12.1 52.1

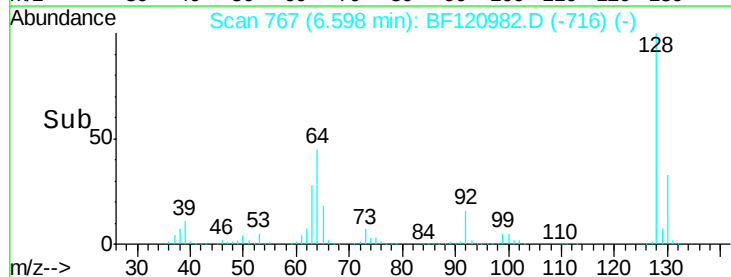
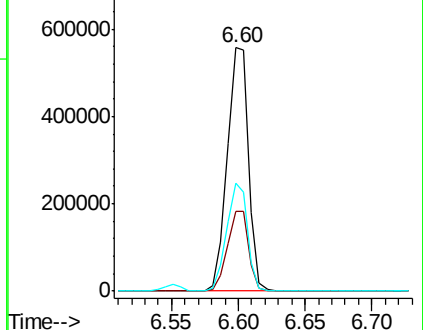
64 44.5 24.0 64.0

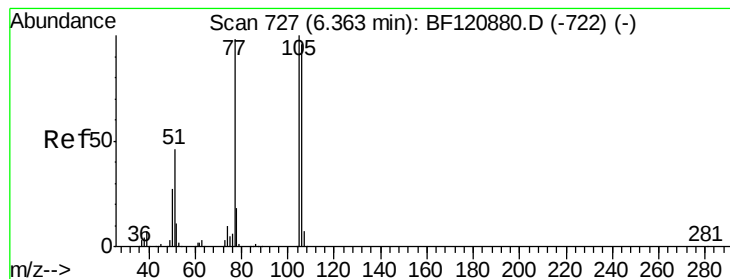


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.861 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA\_F

ClientSampled :

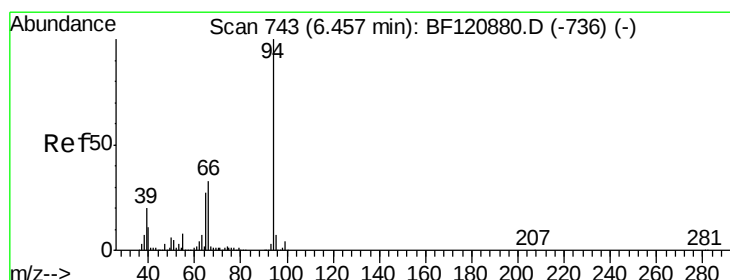
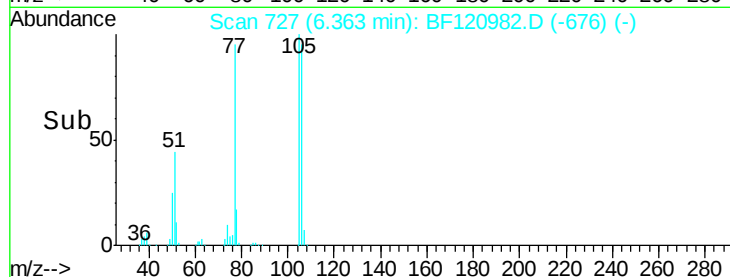
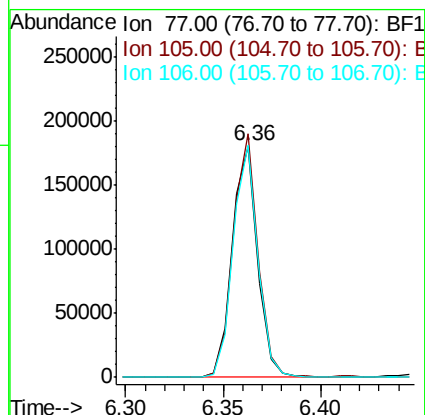
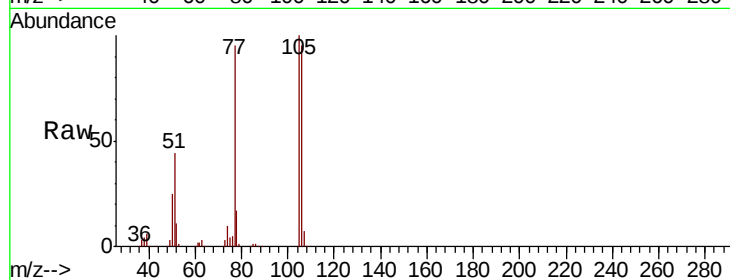
Tot Ion: 77 Resp: 162473

Ion Ratio Lower Upper

77 100

105 105.4 82.5 122.5

106 100.5 78.7 118.7



#10

Phenol

Concen: 38.174 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

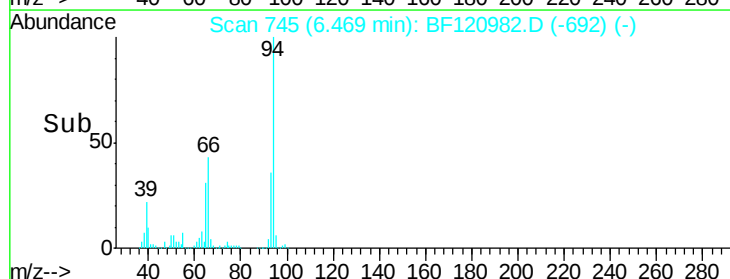
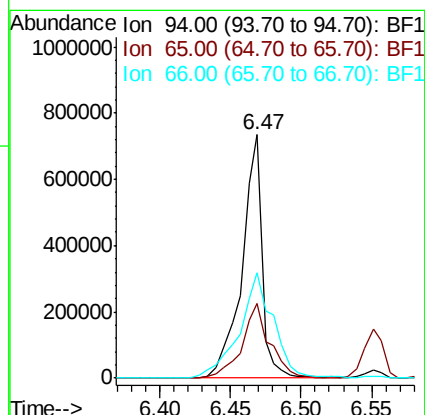
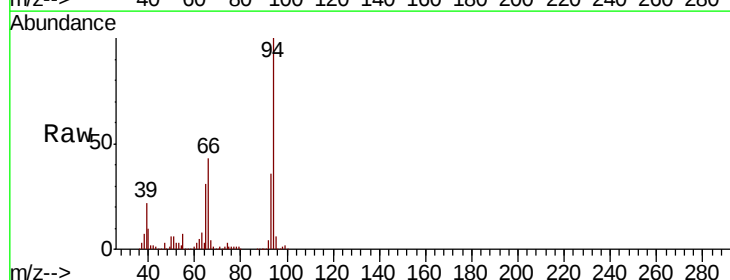
Tgt Ion: 94 Resp: 731310

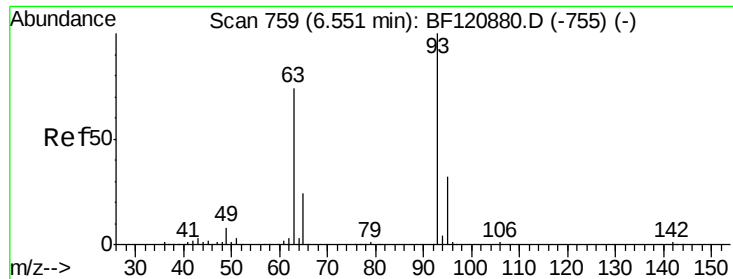
Ion Ratio Lower Upper

94 100

65 30.9 6.6 46.6

66 43.2 13.2 53.2

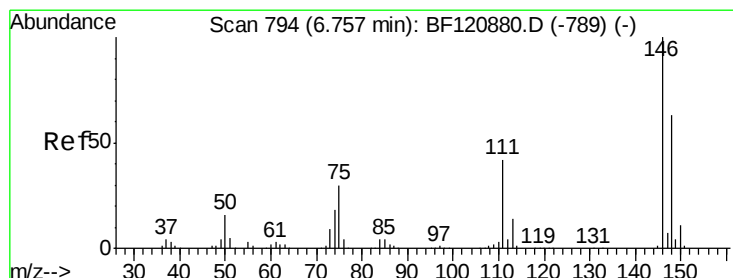
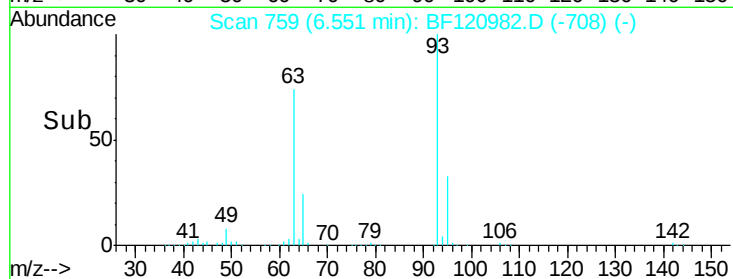
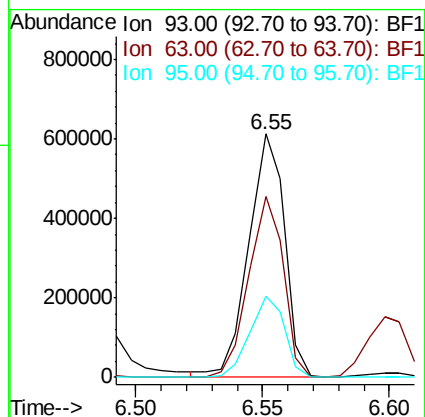
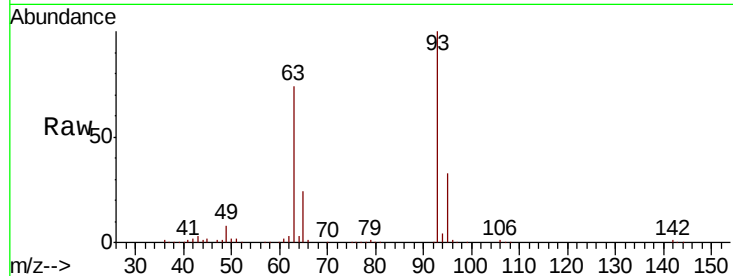




#11  
bis(2-Chloroethyl)ether  
Concen: 40.914 ng  
RT: 6.55 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

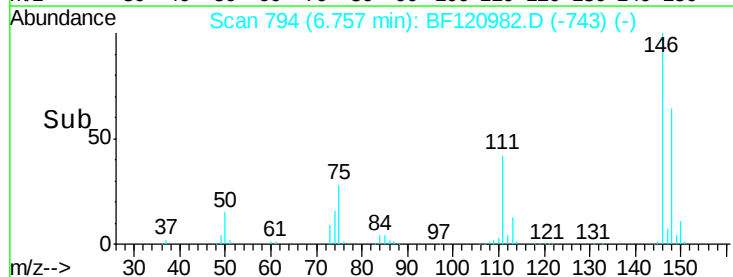
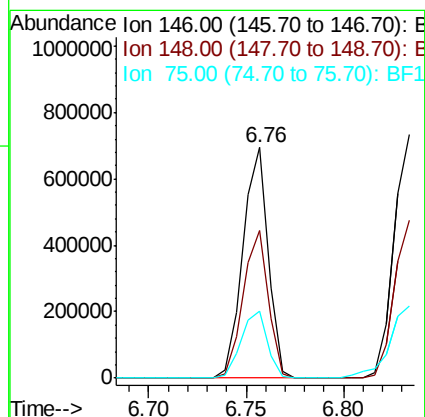
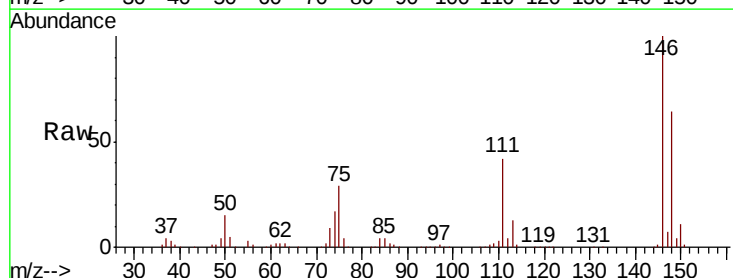
Instrument :  
BNA\_F  
ClientSampleId :

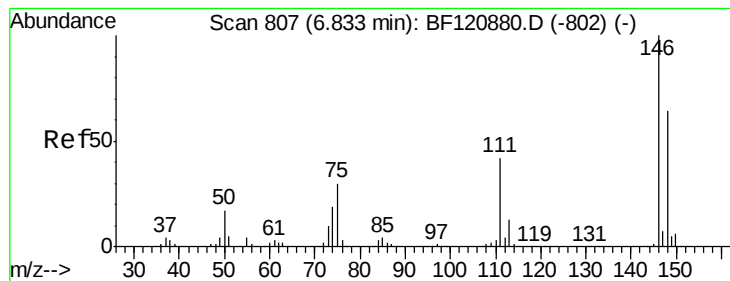
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 74.0  | 54.2  | 94.2  |
| 95      | 33.2  | 12.2  | 52.2  |



#12  
1,3-Dichlorobenzene  
Concen: 38.605 ng  
RT: 6.76 min Scan# 794  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 50.6  | 75.8  |
| 75      | 29.0  | 24.1  | 36.1  |





#13

1,4-Dichlorobenzene

Concen: 38.607 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA\_F

ClientSampled :

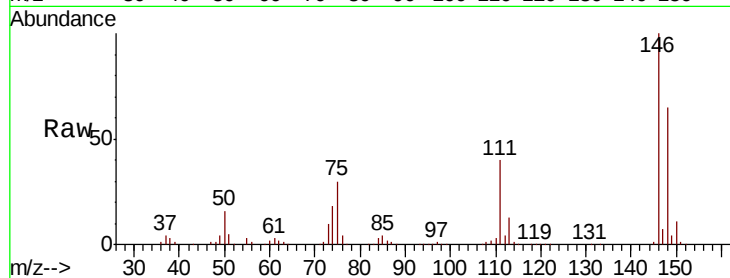
Tot Ion:146 Resp: 618273

Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

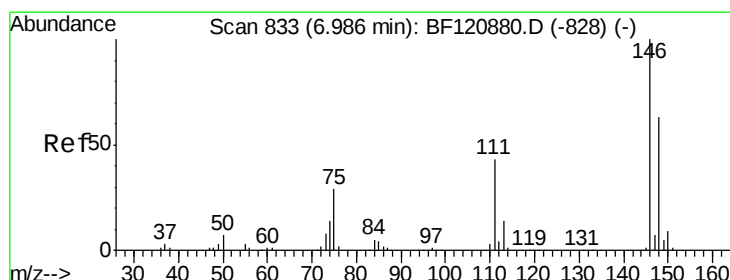
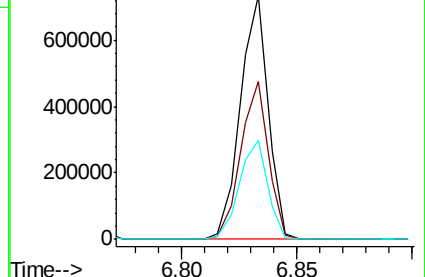
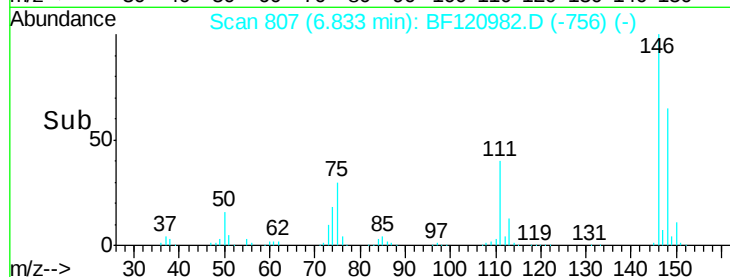
111 40.4 33.5 50.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.487 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

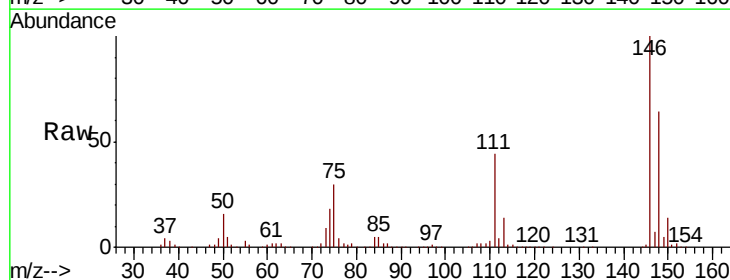
Tgt Ion:146 Resp: 567934

Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

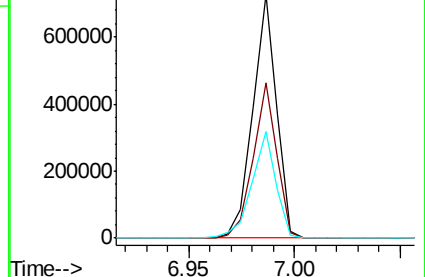
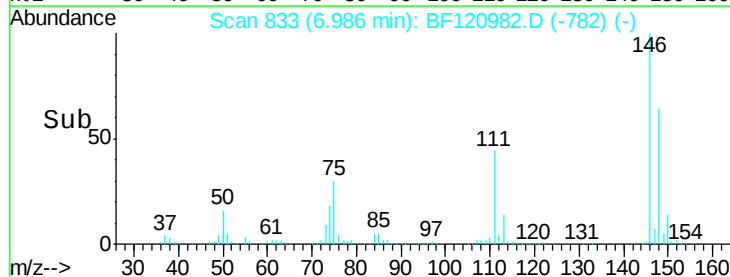
111 43.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.946 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA\_F

ClientSampled :

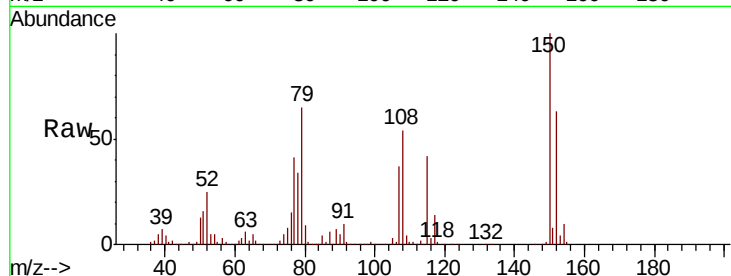
Tot Ion: 79 Resp: 442716

Ion Ratio Lower Upper

79 100

108 83.2 67.0 100.6

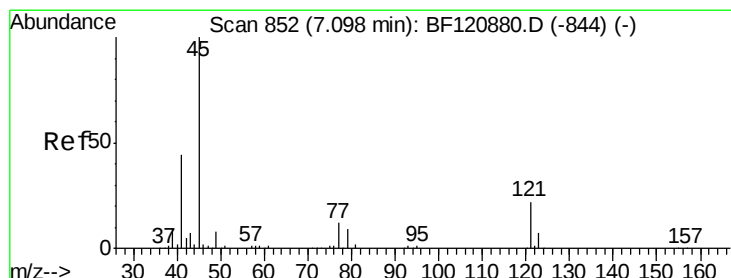
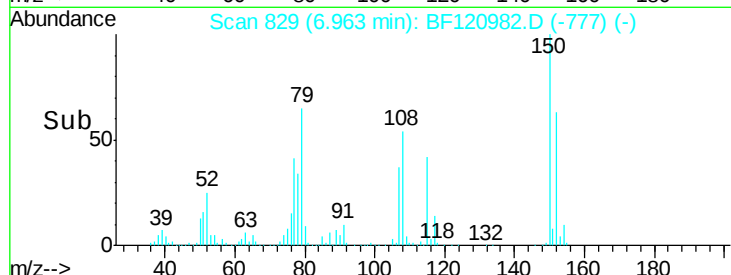
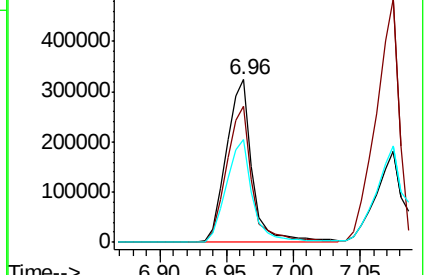
77 63.1 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.833 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

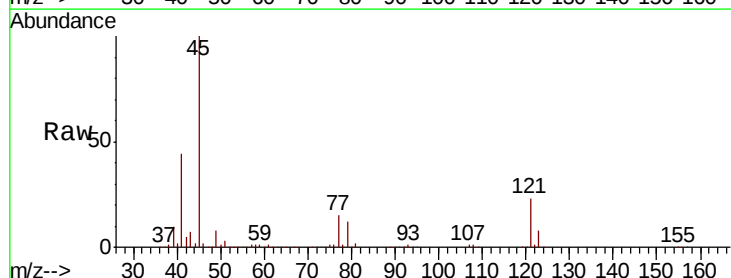
Tgt Ion: 45 Resp: 821797

Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.3

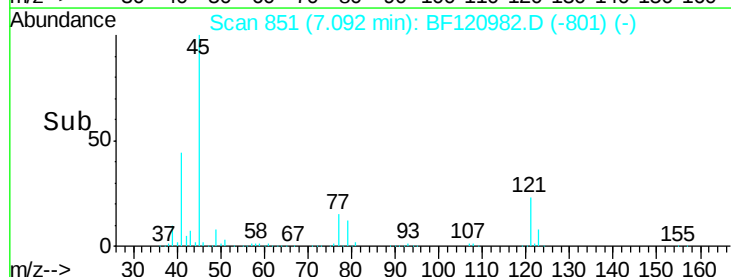
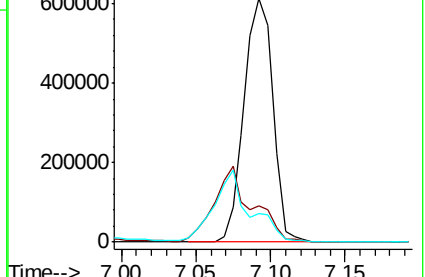
79 11.7 0.0 31.0

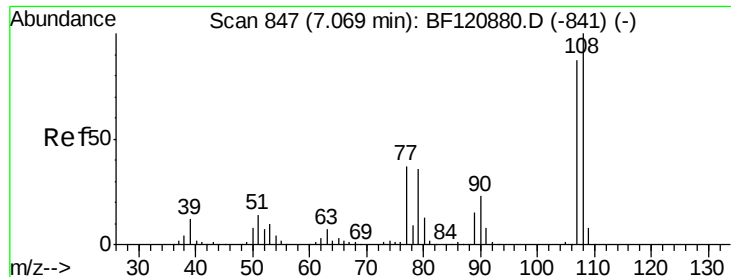


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

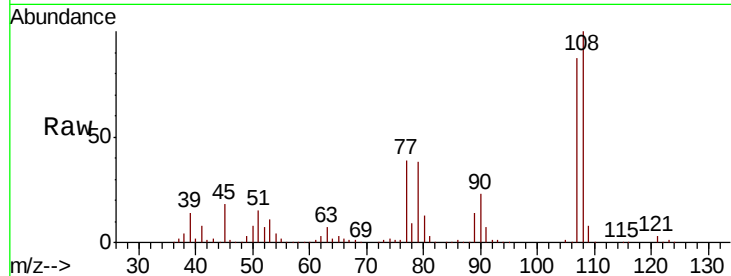




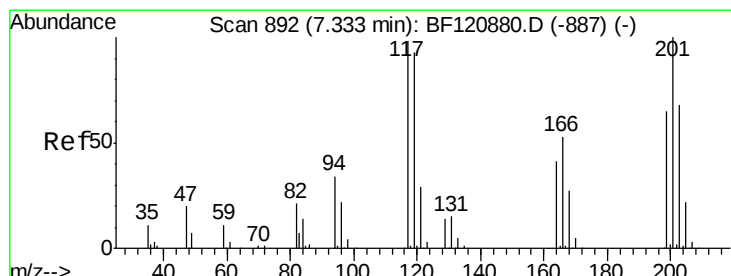
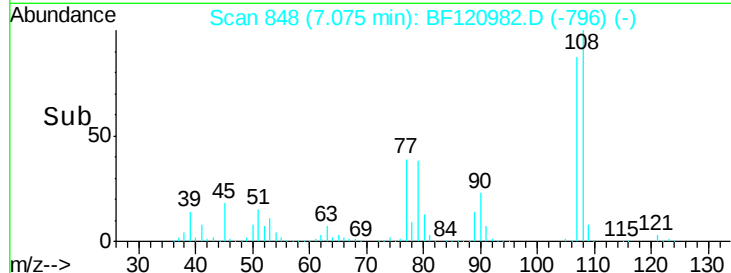
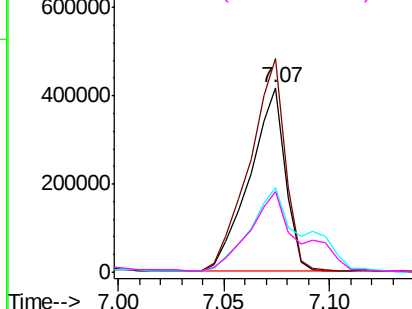
#17  
2-Methylphenol  
Concen: 37.391 ng  
RT: 7.07 min Scan# 848  
Delta R.T. 0.01 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:107 Resp: 492223  
Ion Ratio Lower Upper  
107 100  
108 115.5 92.0 138.0  
77 45.6 34.0 51.0  
79 43.4 33.3 49.9

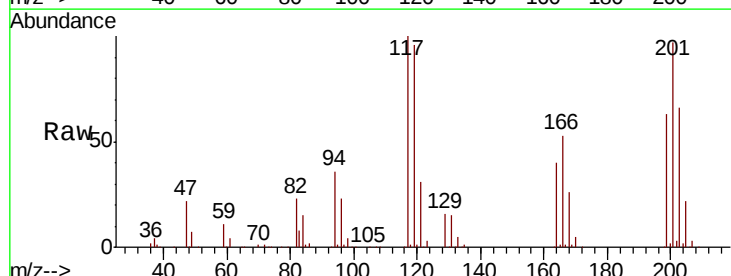


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

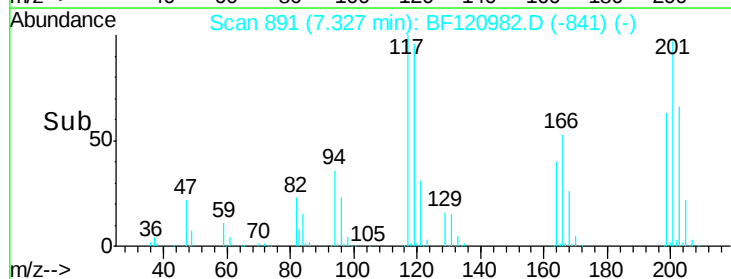
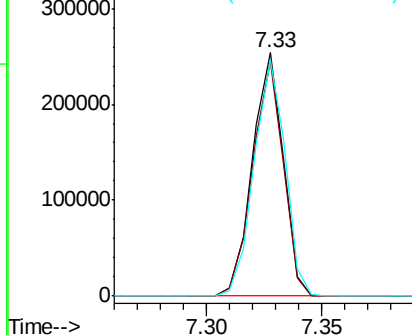


#18  
Hexachloroethane  
Concen: 40.878 ng  
RT: 7.33 min Scan# 891  
Delta R.T. -0.01 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Tgt Ion:117 Resp: 236939  
Ion Ratio Lower Upper  
117 100  
119 96.2 76.0 114.0  
201 96.8 81.7 122.5



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

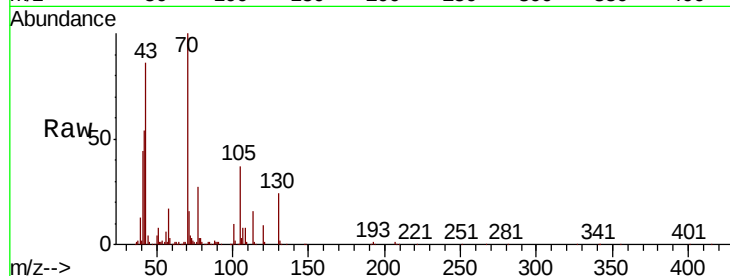




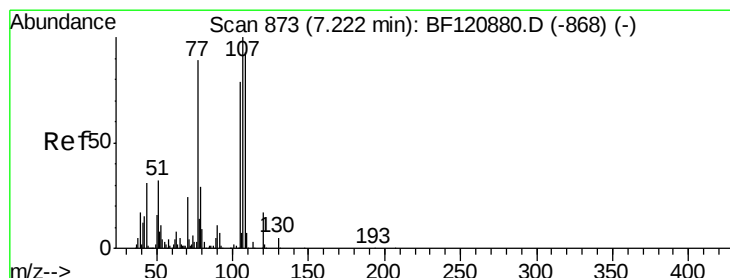
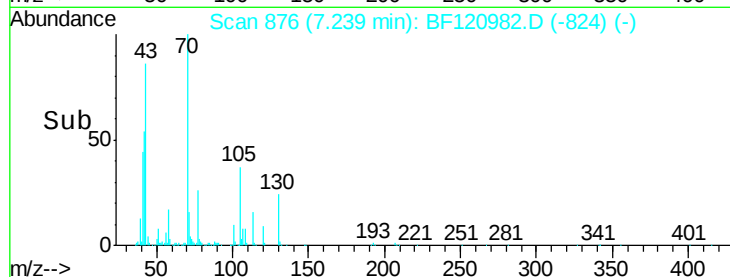
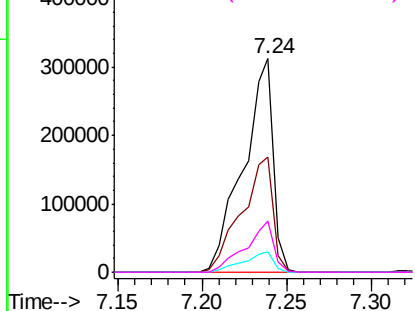
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.177 ng  
RT: 7.24 min Scan# 876  
Delta R.T. 0.01 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion: | 70    | Resp: | 387973 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 53.7  | 44.0  | 66.0   |
| 101      | 9.8   | 7.8   | 11.6   |
| 130      | 24.0  | 18.7  | 28.1   |

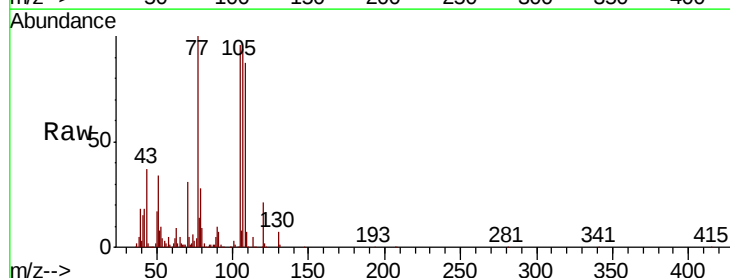


Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): BF1  
Ion 130.00 (129.70 to 130.70): BF1

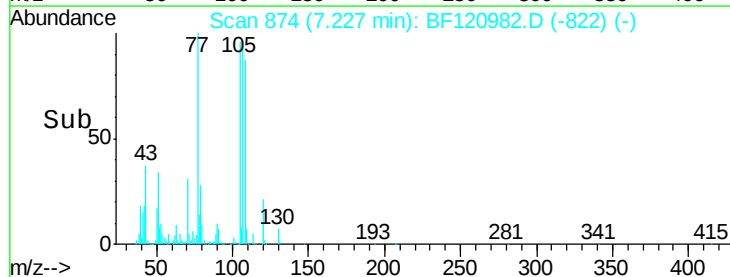
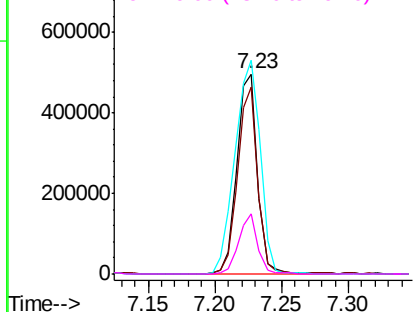


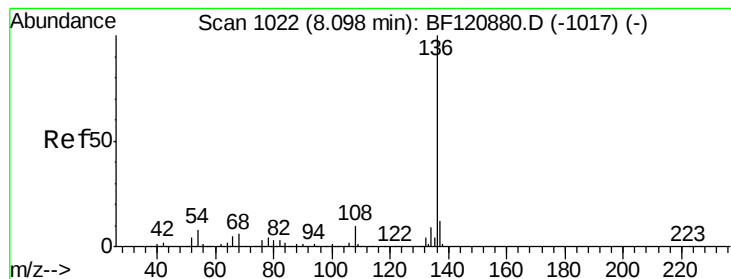
#20  
3+4-Methylphenols  
Concen: 31.802 ng  
RT: 7.23 min Scan# 874  
Delta R.T. 0.01 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

| Tgt Ion: | 107   | Resp: | 532547 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 93.5  | 72.8  | 112.8  |
| 77       | 106.9 | 68.7  | 108.7  |
| 79       | 29.9  | 8.5   | 48.5   |



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 855228

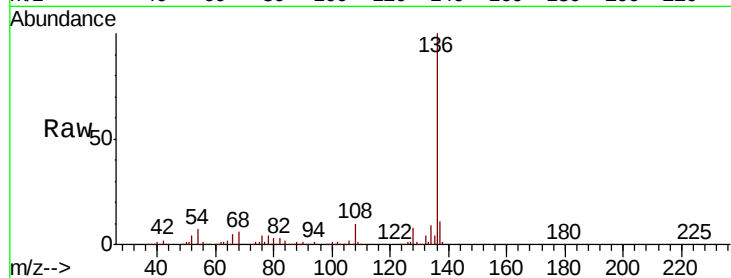
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.3 6.3 9.5

68 5.8 5.0 7.4

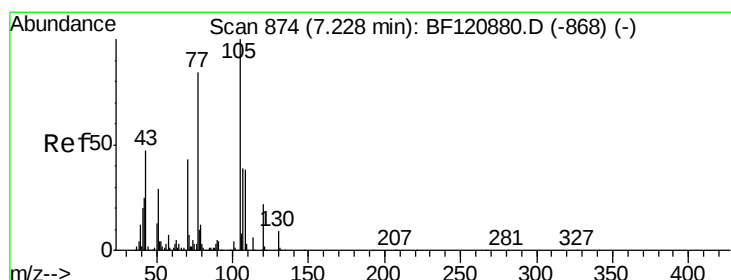
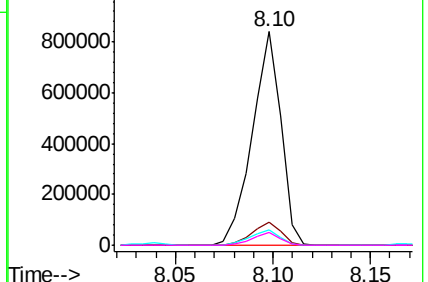
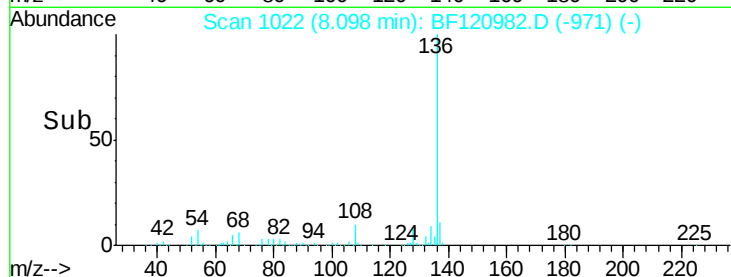


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.499 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Tgt Ion:105 Resp: 738942

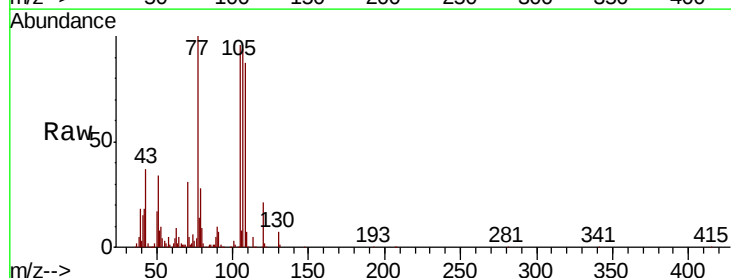
Ion Ratio Lower Upper

105 100

71 5.4 5.7 8.5#

51 35.9 22.9 34.3#

120 22.0 18.0 27.0

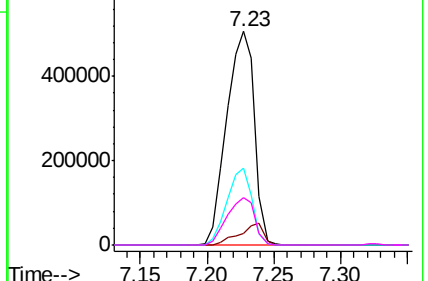
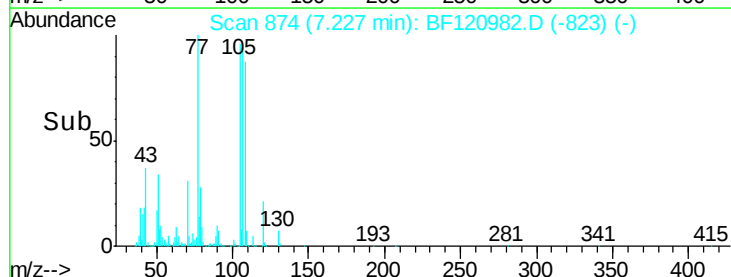


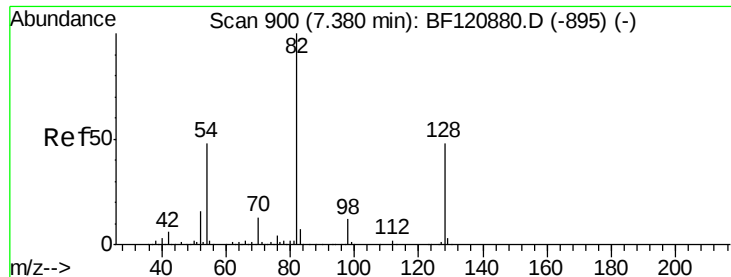
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

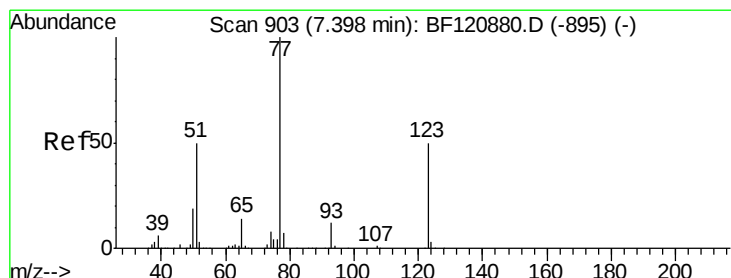
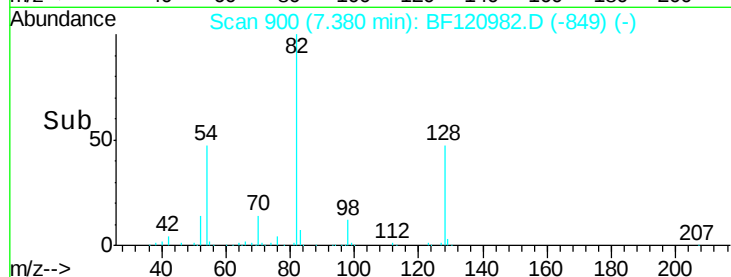
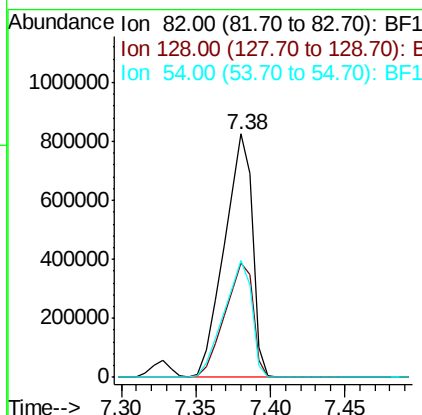
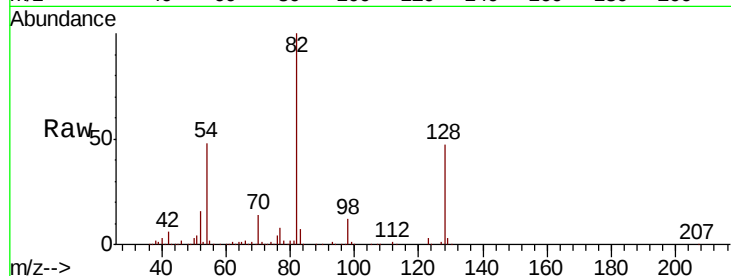




#23  
Nitrobenzene-d5  
Concen: 73.847 ng  
RT: 7.38 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

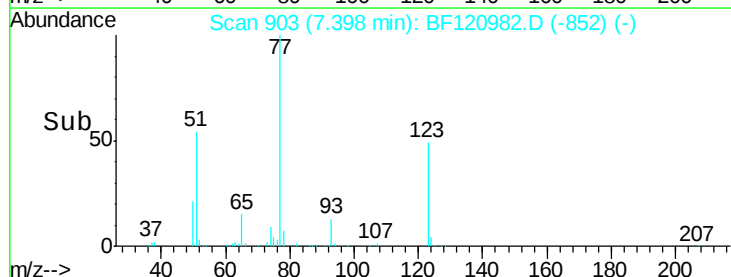
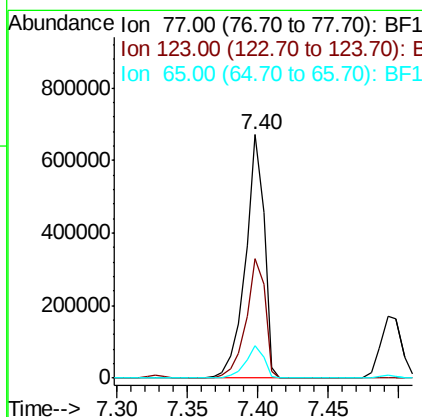
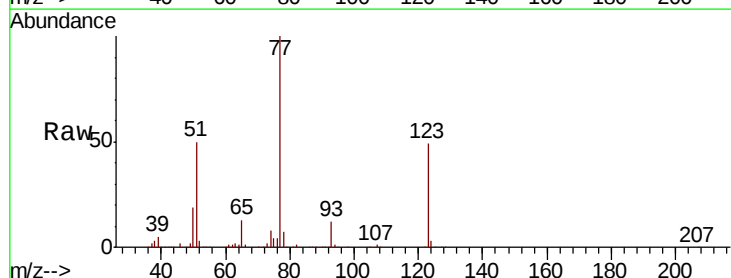
Instrument :  
BNA\_F  
ClientSampleId :

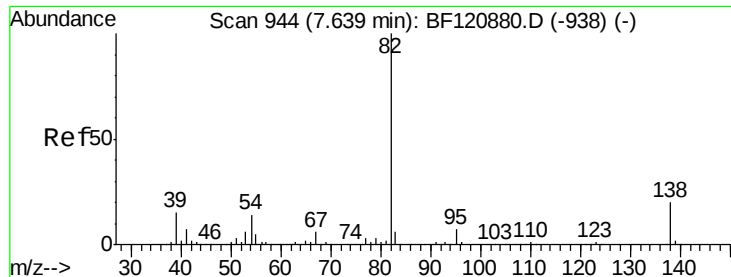
Tot Ion: 82 Resp: 1091469  
Ion Ratio Lower Upper  
82 100  
128 47.1 38.2 57.4  
54 48.1 38.7 58.1



#24  
Nitrobenzene  
Concen: 38.901 ng  
RT: 7.40 min Scan# 903  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Tgt Ion: 77 Resp: 619693  
Ion Ratio Lower Upper  
77 100  
123 49.1 40.1 60.1  
65 13.4 10.8 16.2





#25

Isophorone

Concen: 39.517 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA\_F

ClientSampleId :

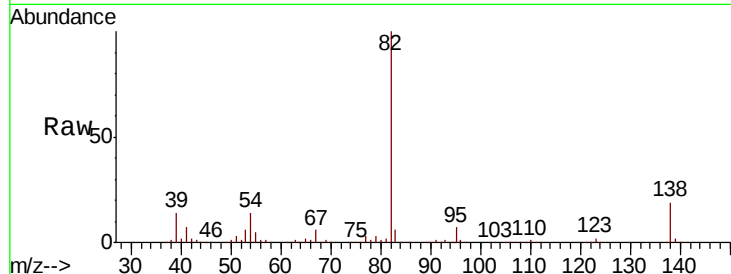
Tot Ion: 82 Resp: 1165671

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

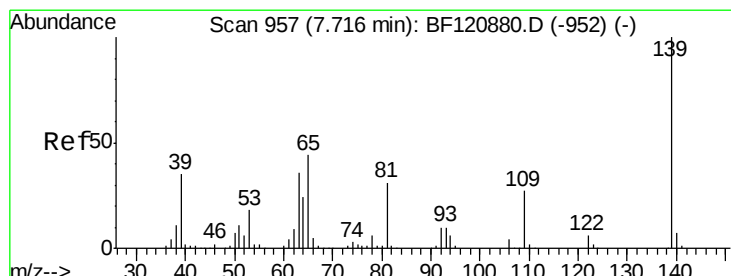
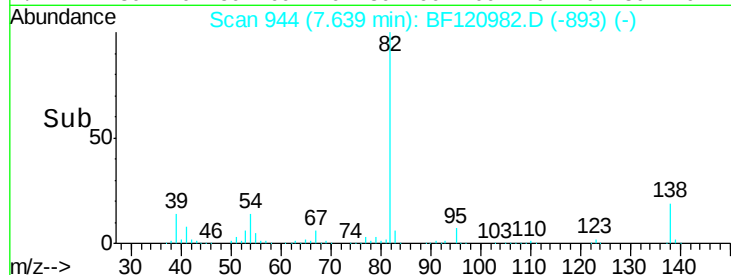
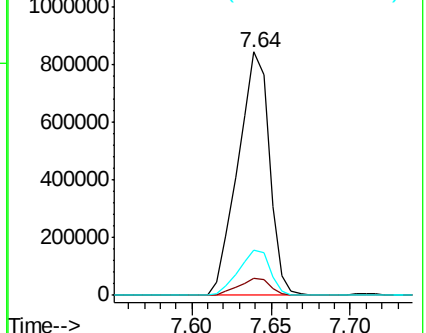
138 18.8 15.6 23.4



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: 44.176 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

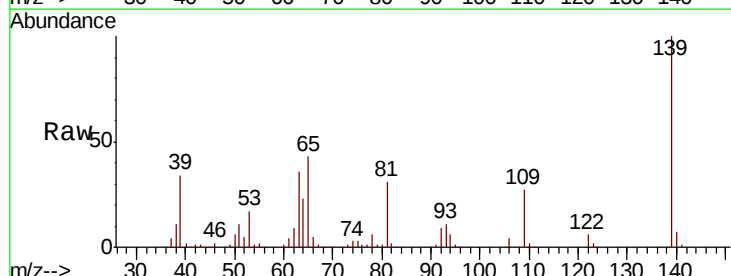
Tgt Ion: 139 Resp: 334228

Ion Ratio Lower Upper

139 100

109 26.8 21.6 32.4

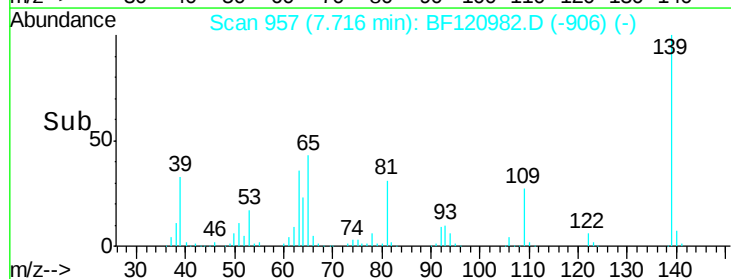
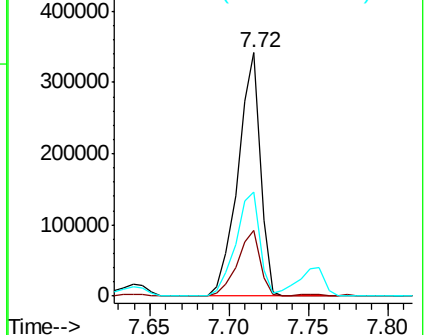
65 42.9 35.3 52.9

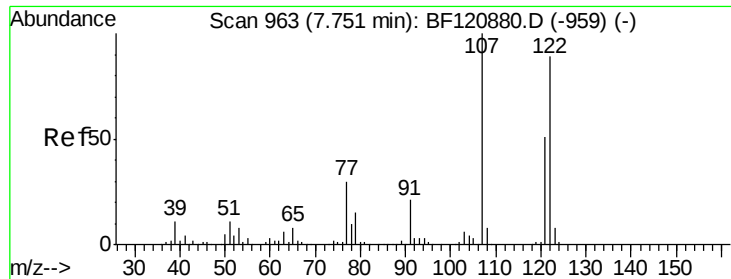


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.207 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA\_F

ClientSampleId :

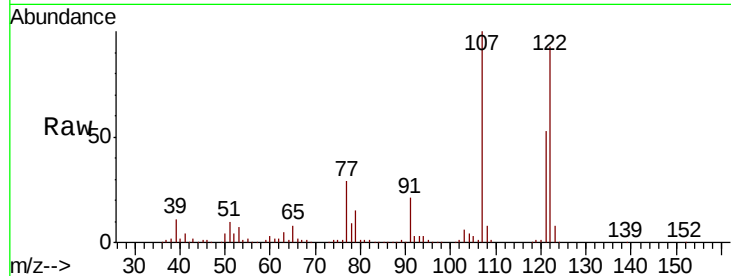
Tot Ion:122 Resp: 518462

Ion Ratio Lower Upper

122 100

107 107.5 89.4 134.0

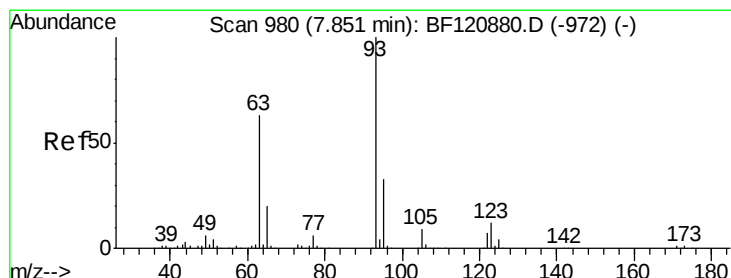
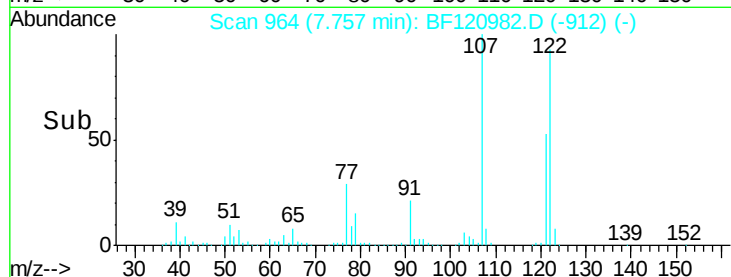
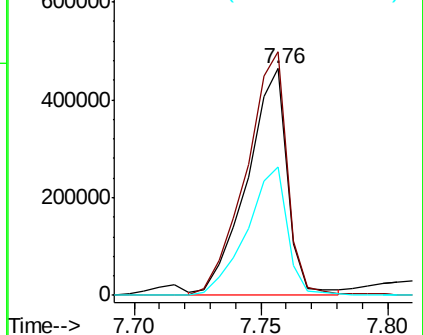
121 56.6 46.0 69.0



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: 41.443 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

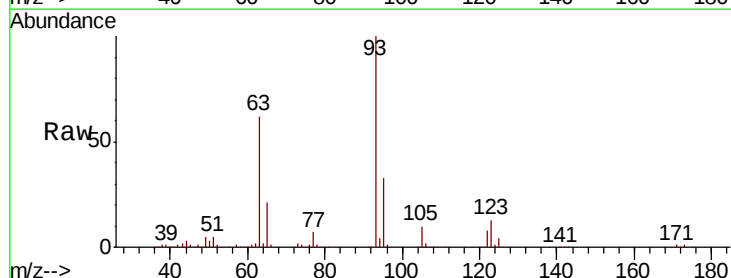
Tgt Ion: 93 Resp: 746233

Ion Ratio Lower Upper

93 100

95 32.9 26.6 39.8

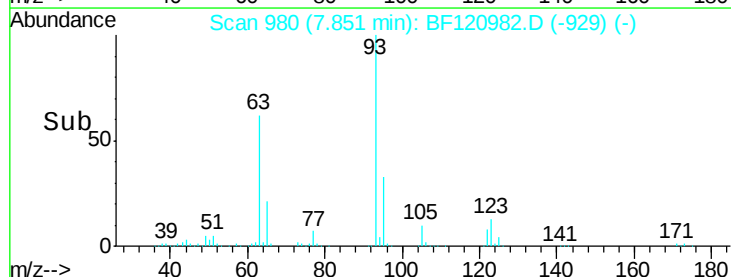
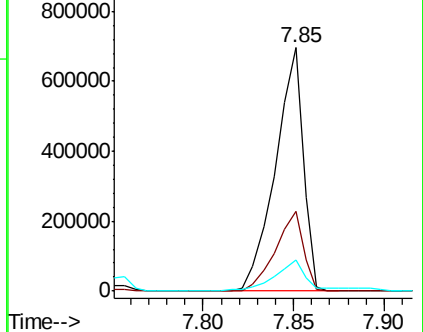
123 12.8 10.0 15.0

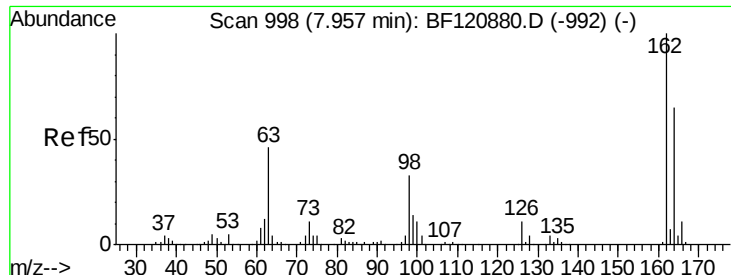


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

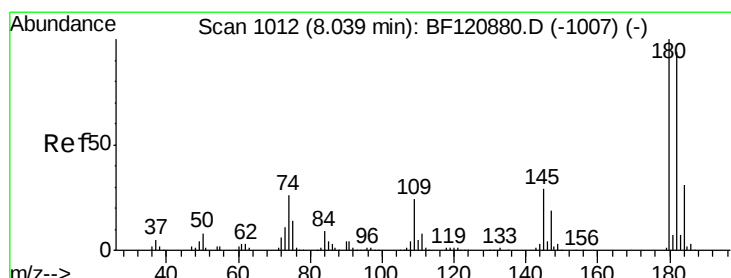
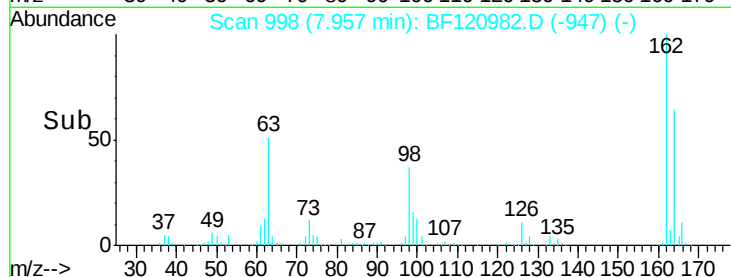
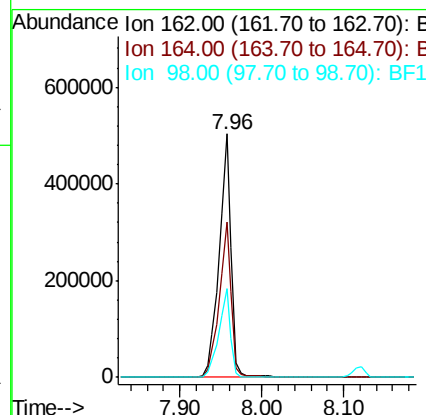
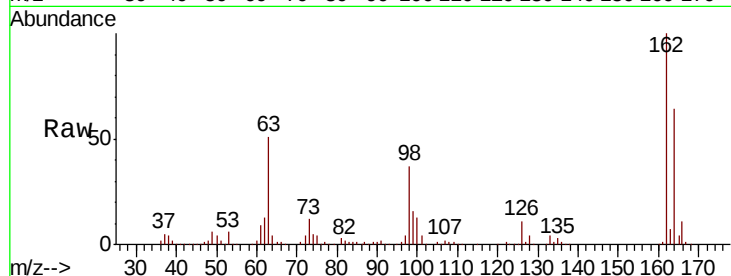




#29  
2,4-Dichlorophenol  
Concen: 41.357 ng  
RT: 7.96 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

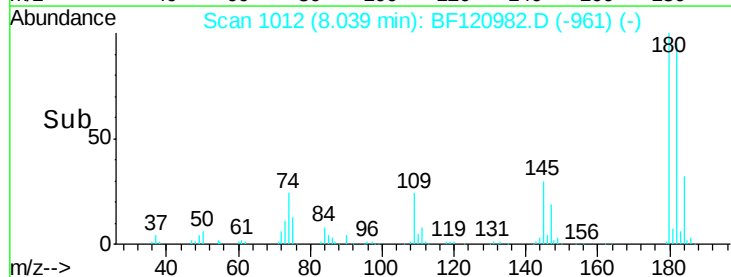
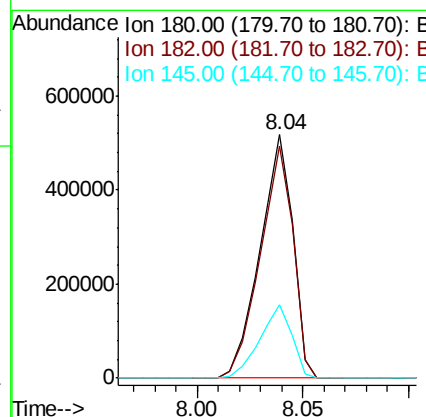
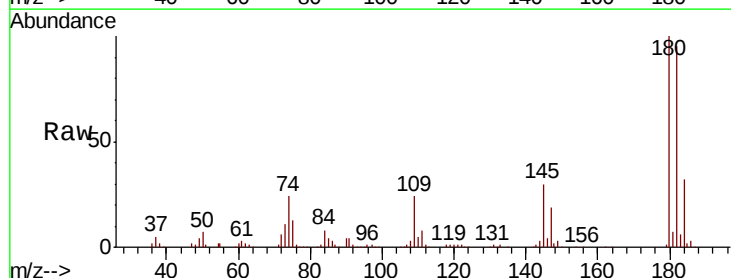
Instrument :  
BNA\_F  
ClientSampleId :

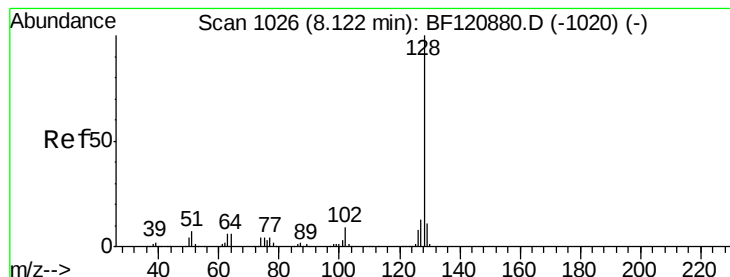
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.6  | 45.3  | 85.3  |
| 98      | 36.7  | 13.3  | 53.3  |



#30  
1,2,4-Trichlorobenzene  
Concen: 40.033 ng  
RT: 8.04 min Scan# 1012  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 75.0  | 112.6 |
| 145     | 29.9  | 23.5  | 35.3  |





#31

Naphthalene

Concen: 38.387 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

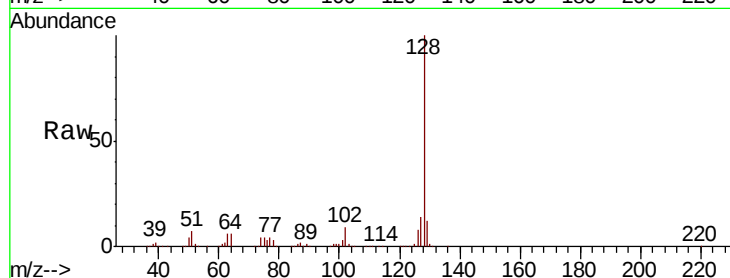
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:128 Resp: 1683997

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 11.6  | 9.1   | 13.7  |
| 127 | 13.8  | 10.7  | 16.1  |

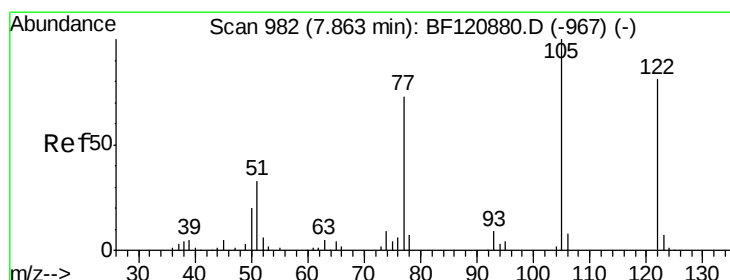
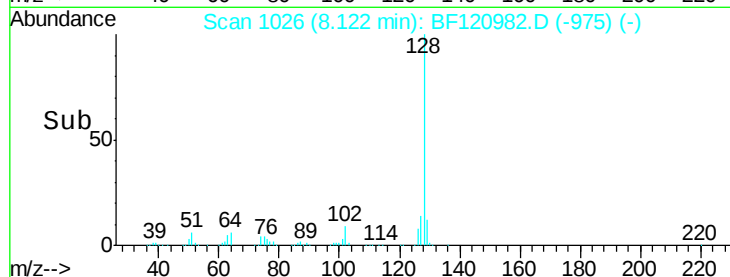
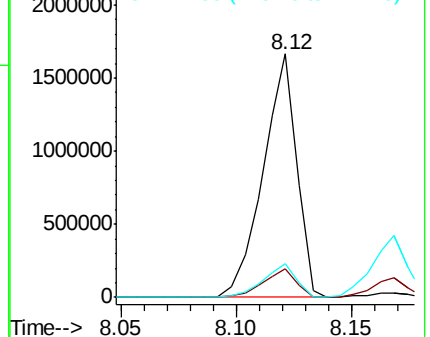


Abundance

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: 44.801 ng

RT: 7.89 min Scan# 987

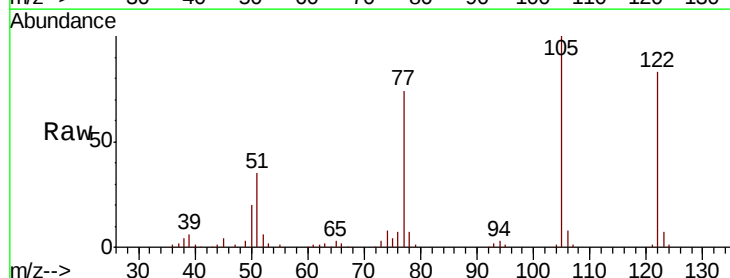
Delta R.T. 0.03 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Tgt Ion:122 Resp: 413111

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 119.8 | 101.3 | 141.3 |
| 77  | 88.1  | 69.1  | 109.1 |

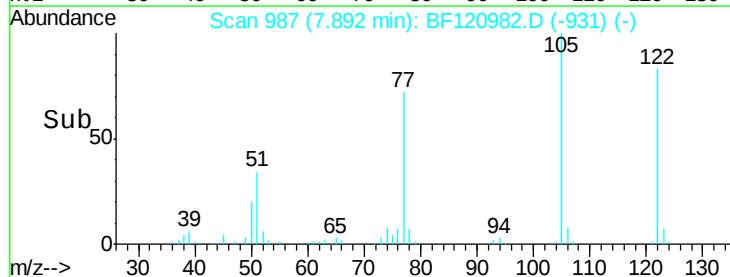
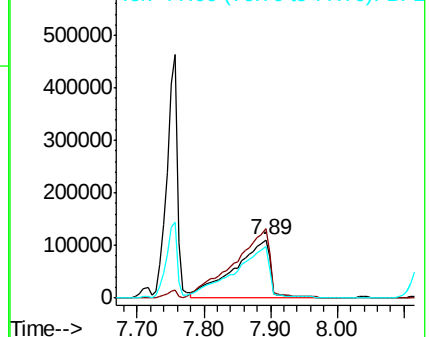


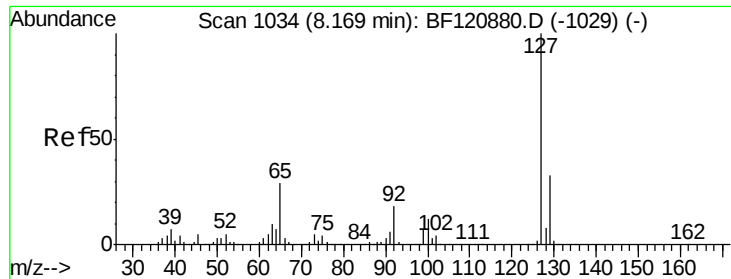
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

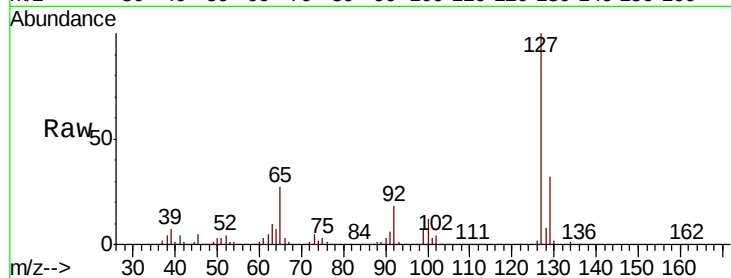




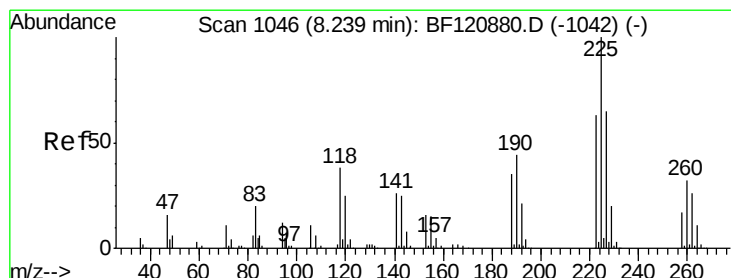
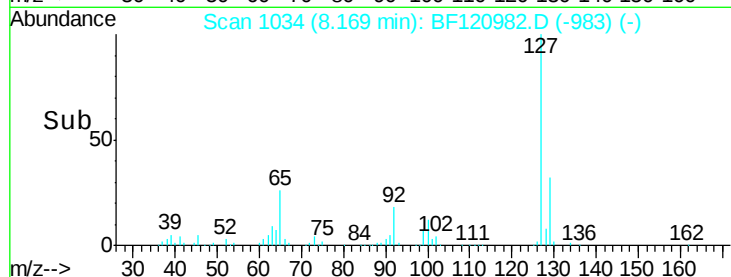
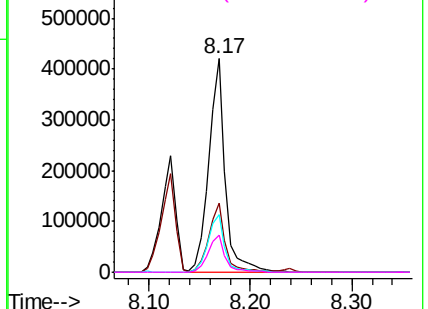
#33  
4-Chloroaniline  
Concen: 24.069 ng  
RT: 8.17 min Scan# 1034  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 471017 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 26.5  | 39.7   |
| 65       | 26.9  | 23.0  | 34.4   |
| 92       | 17.7  | 14.5  | 21.7   |

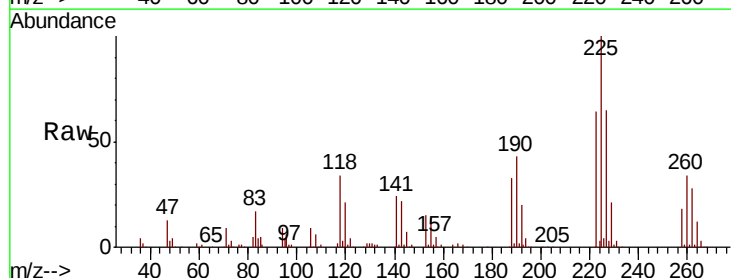


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

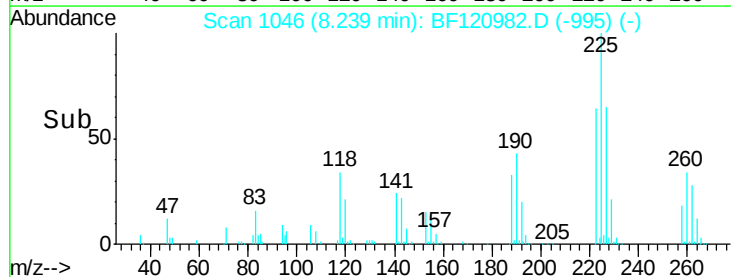
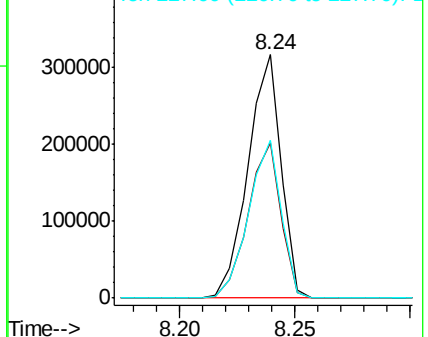


#34  
Hexachlorobutadiene  
Concen: 38.801 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 318543 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 50.6  | 76.0   |
| 227      | 65.0  | 52.2  | 78.2   |



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

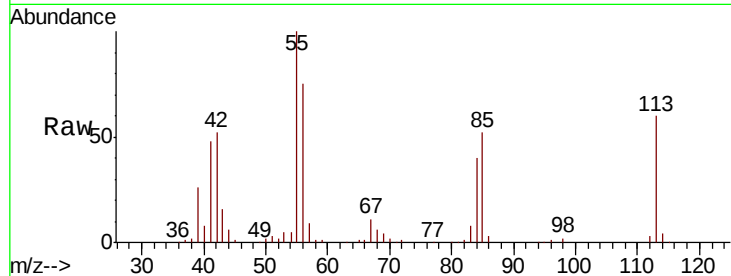




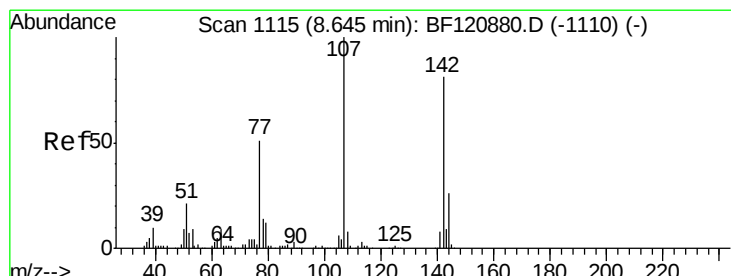
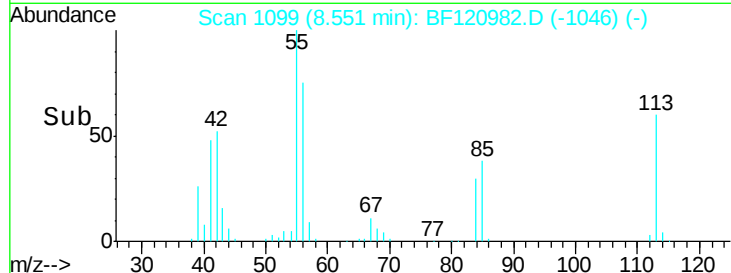
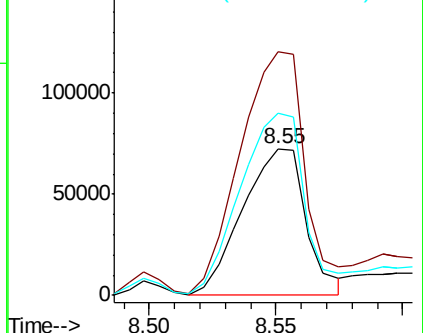
#35  
Caprolactam  
Concen: 31.028 ng  
RT: 8.55 min Scan# 1099  
Delta R.T. 0.01 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:113 Resp: 124897  
Ion Ratio Lower Upper  
113 100  
55 166.1 143.3 183.3  
56 124.3 99.4 139.4

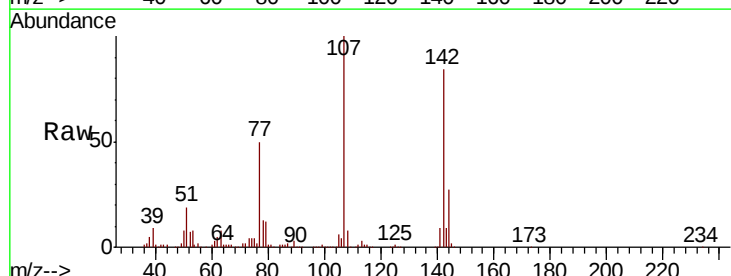


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

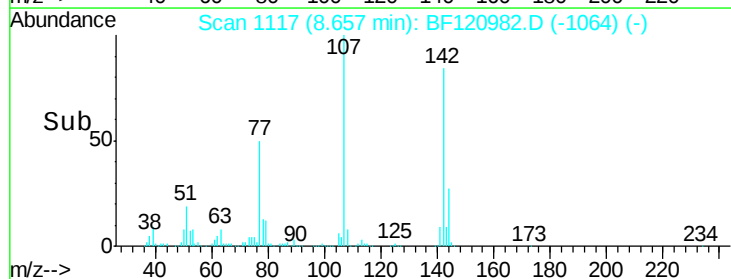
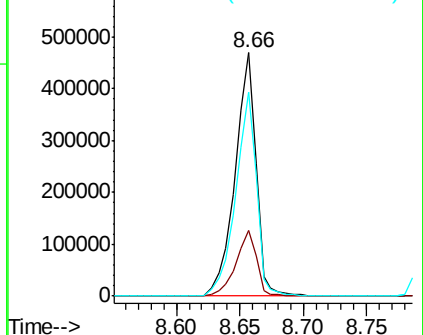


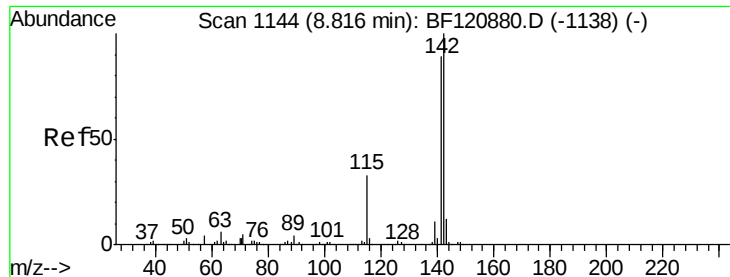
#36  
4-Chloro-3-methylphenol  
Concen: 41.514 ng  
RT: 8.66 min Scan# 1117  
Delta R.T. 0.01 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Tgt Ion:107 Resp: 534432  
Ion Ratio Lower Upper  
107 100  
144 27.0 21.0 31.6  
142 83.6 65.0 97.6



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

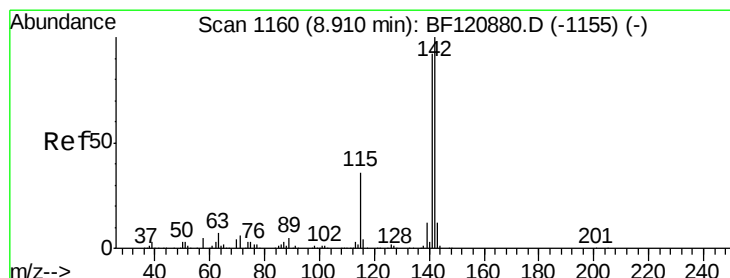
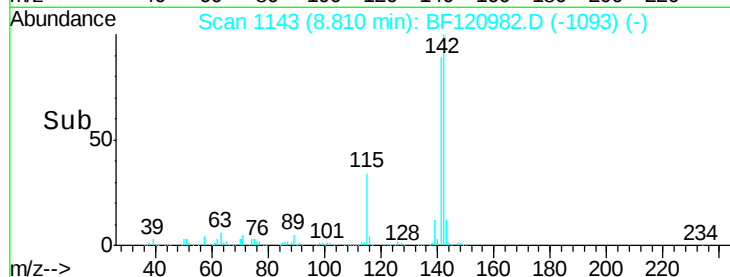
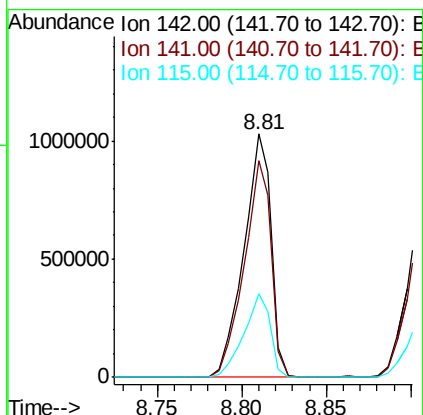
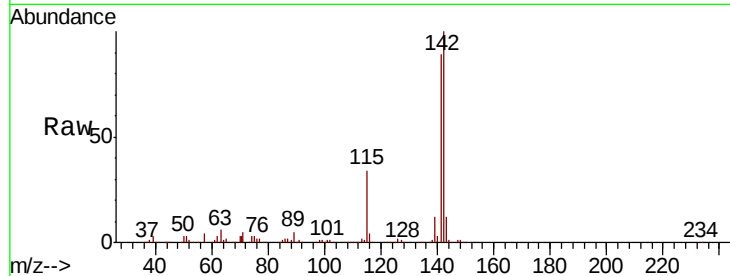




#37  
 2-Methylnaphthalene  
 Concen: 40.807 ng  
 RT: 8.81 min Scan# 1143  
 Delta R.T. -0.01 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

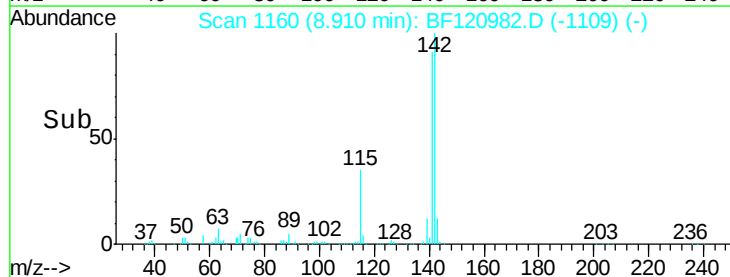
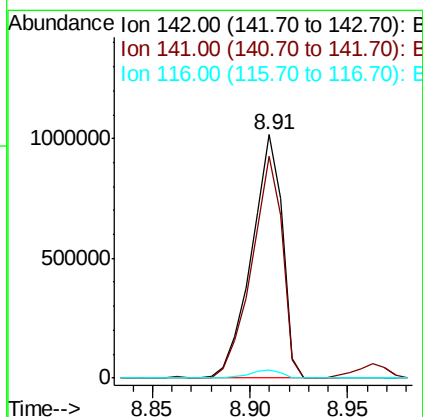
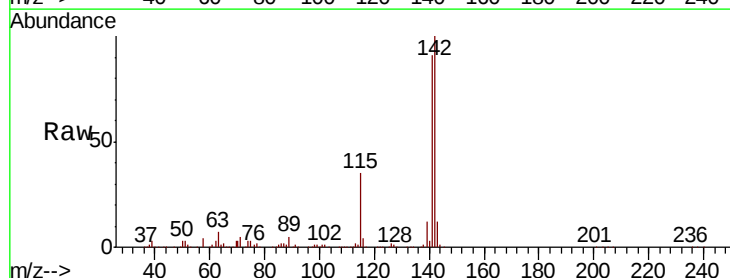
Instrument :  
 BNA\_F  
 ClientSampleId :

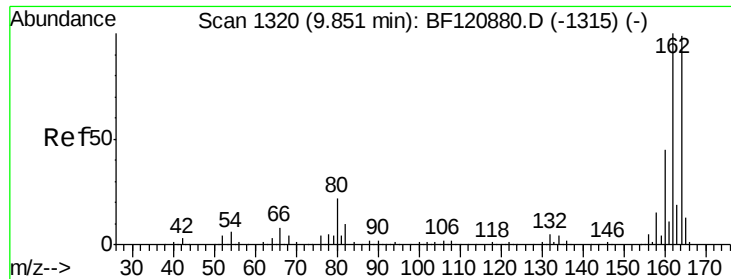
Tot Ion:142 Resp: 1162356  
 Ion Ratio Lower Upper  
 142 100  
 141 88.8 71.0 106.4  
 115 34.3 26.0 39.0



#38  
 1-Methylnaphthalene  
 Concen: 41.020 ng  
 RT: 8.91 min Scan# 1160  
 Delta R.T. -0.00 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

Tgt Ion:142 Resp: 1106613  
 Ion Ratio Lower Upper  
 142 100  
 141 90.9 73.7 110.5  
 116 3.5 3.0 4.6

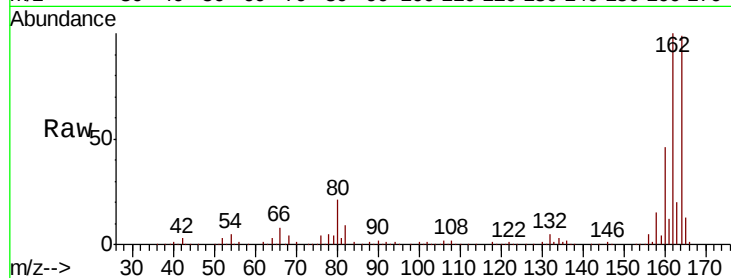




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.6 | 81.2  | 121.8 |
| 160     | 46.0  | 36.9  | 55.3  |

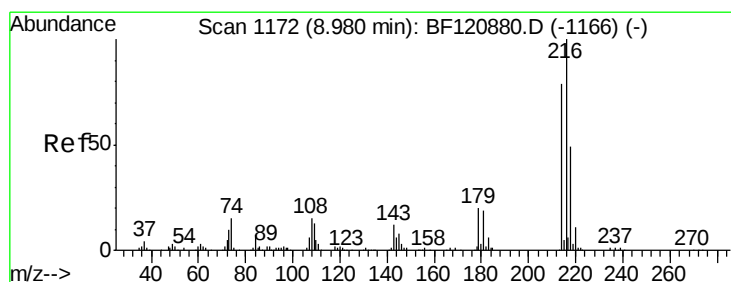
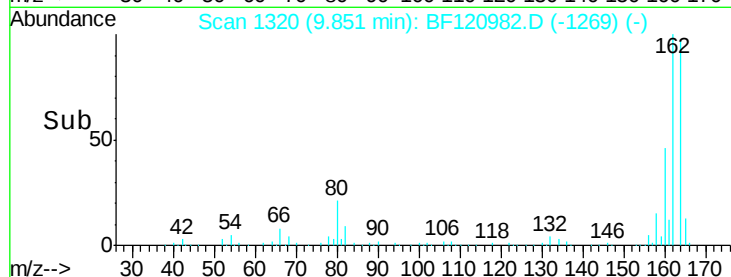
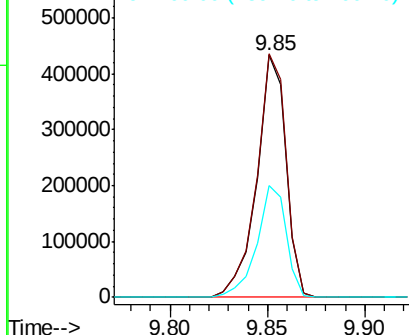


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.978 ng  
RT: 8.98 min Scan# 1172  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.6  | 63.8  | 95.8  |
| 179     | 20.6  | 16.6  | 24.8  |
| 108     | 20.5  | 15.4  | 23.0  |

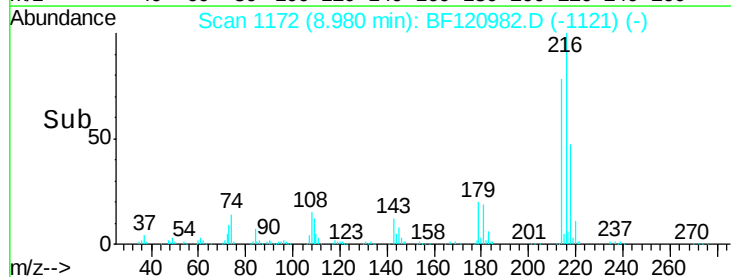
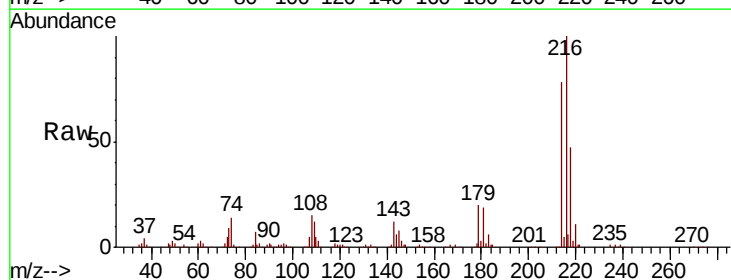
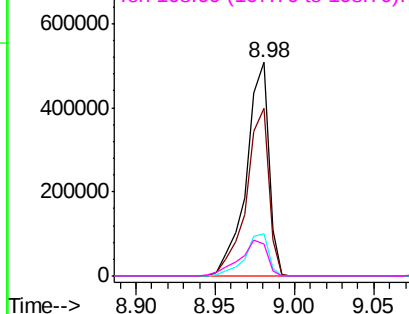
Abundance

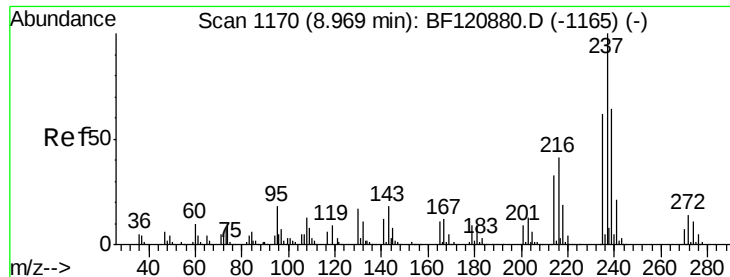
Ion 216.00 (215.70 to 216.70): E

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: 72.413 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA\_F

ClientSampleId :

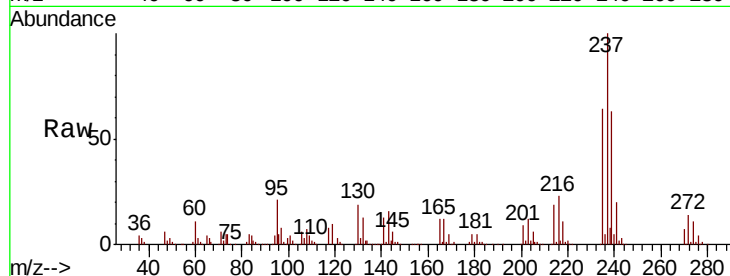
Tot Ion:237 Resp: 523782

Ion Ratio Lower Upper

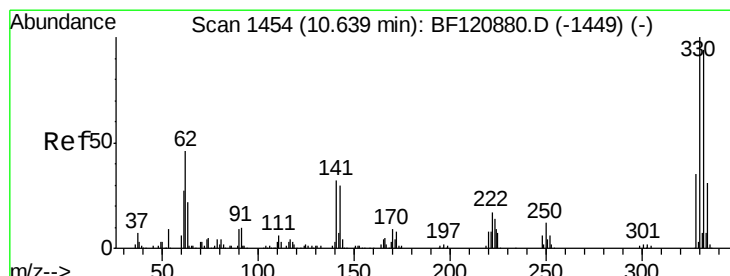
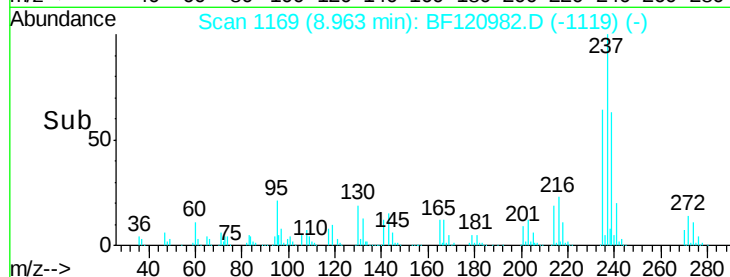
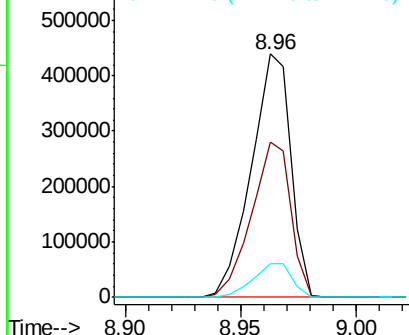
237 100

235 63.9 41.6 81.6

272 13.9 0.0 33.7



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: 101.559 ng

RT: 10.64 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

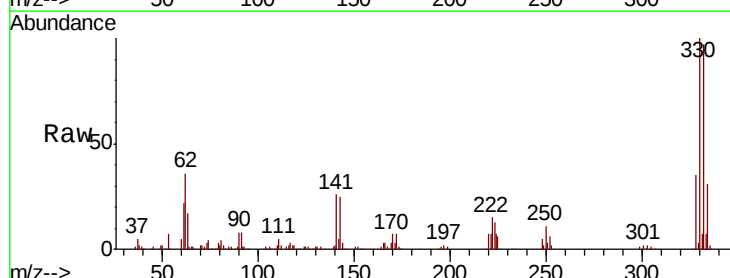
Tgt Ion:330 Resp: 499355

Ion Ratio Lower Upper

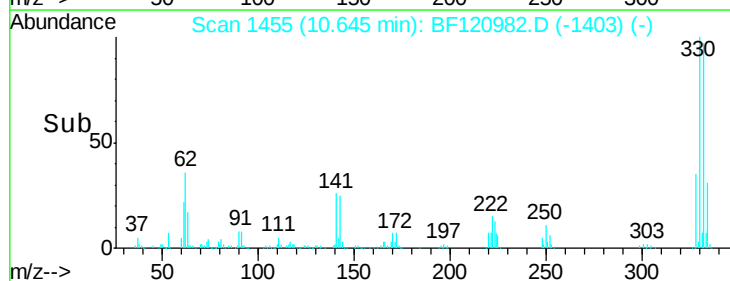
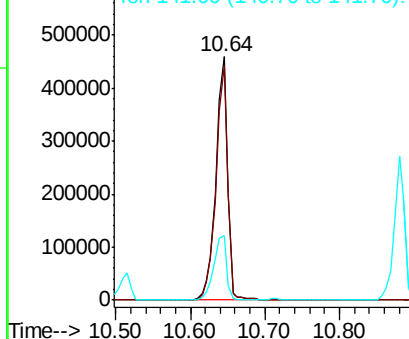
330 100

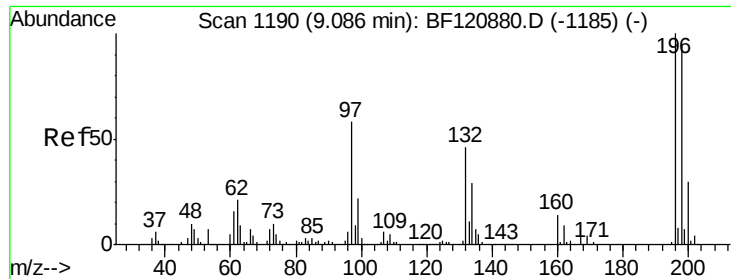
332 95.7 75.5 113.3

141 29.2 25.7 38.5



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

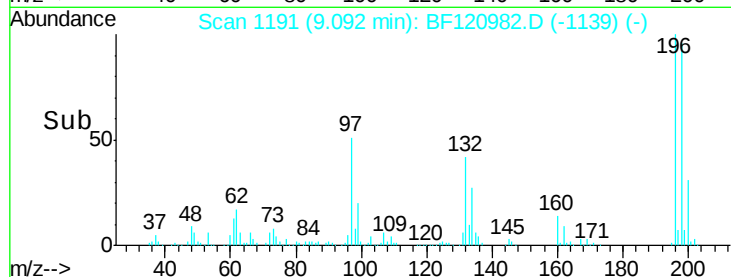
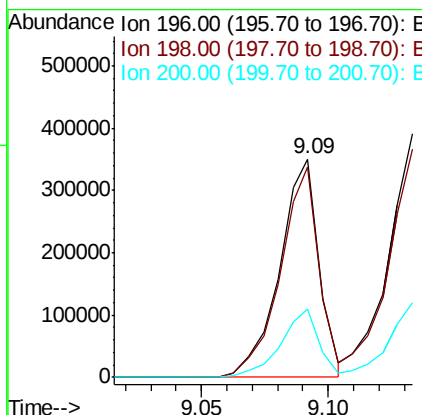
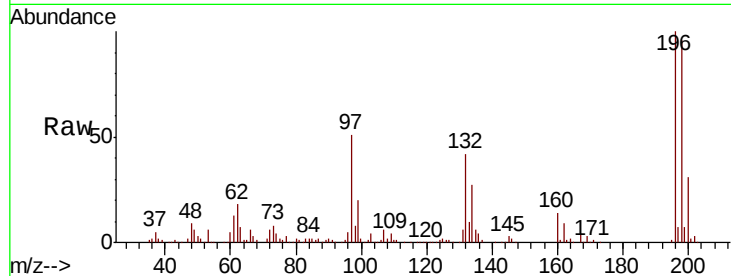




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.261 ng  
 RT: 9.09 min Scan# 1191  
 Delta R.T. 0.01 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

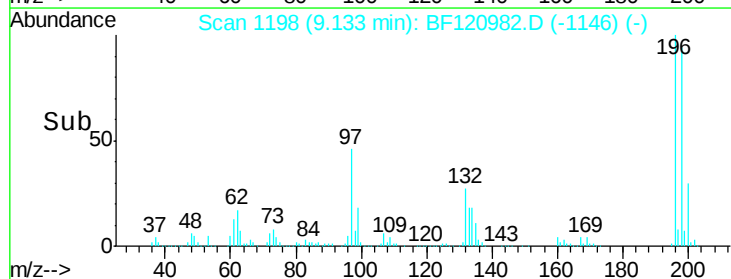
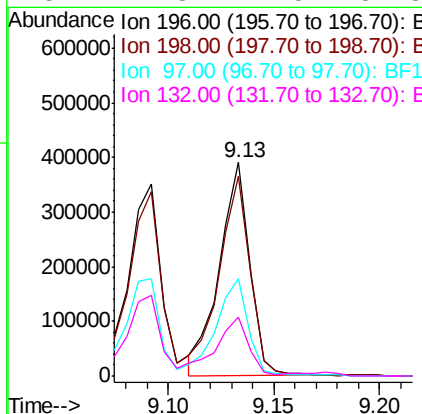
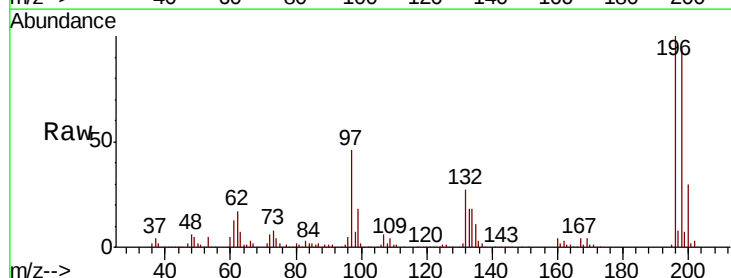
Instrument :  
 BNA\_F  
 ClientSampled :

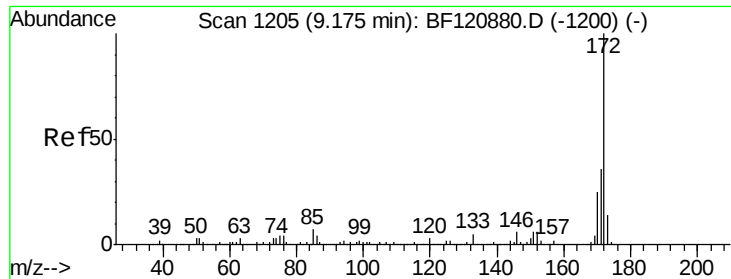
Tot Ion:196 Resp: 380214  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 75.7 113.5  
 200 31.1 24.4 36.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 37.063 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. 0.01 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

Tgt Ion:196 Resp: 387408  
 Ion Ratio Lower Upper  
 196 100  
 198 93.8 77.6 116.4  
 97 45.8 35.6 53.4  
 132 27.3 21.5 32.3

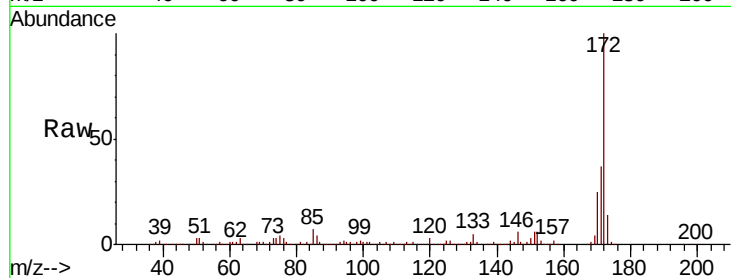




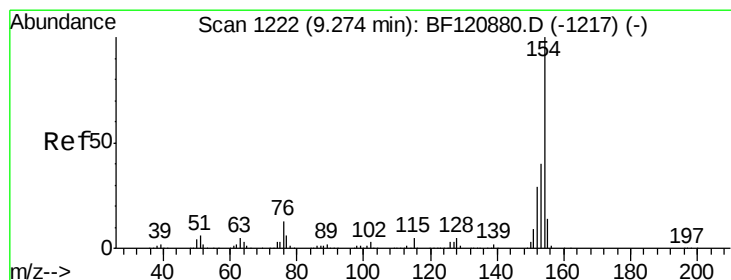
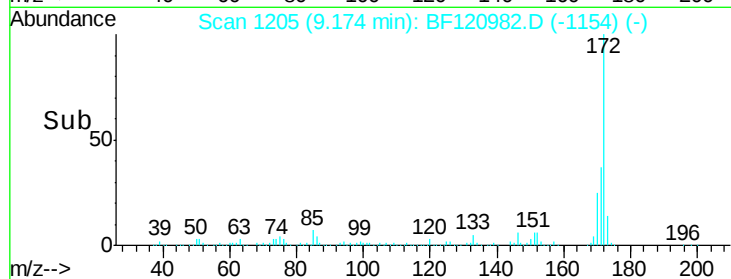
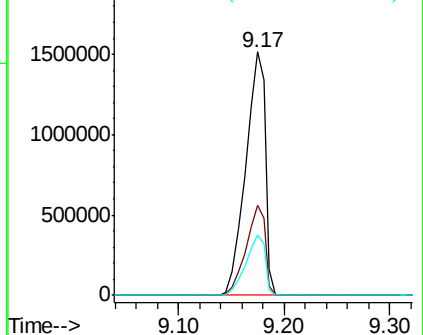
#45  
 2-Fluorobiphenyl  
 Concen: 64.762 ng  
 RT: 9.17 min Scan# 1205  
 Delta R.T. -0.00 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:172 Resp: 1948439  
 Ion Ratio Lower Upper  
 172 100  
 171 36.7 29.0 43.4  
 170 24.6 19.6 29.4

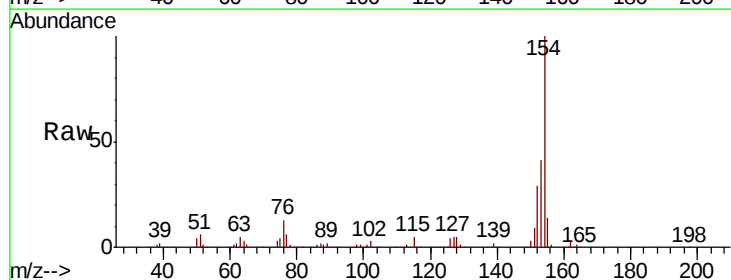


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

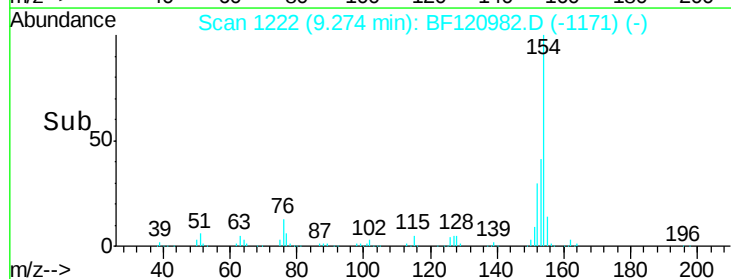
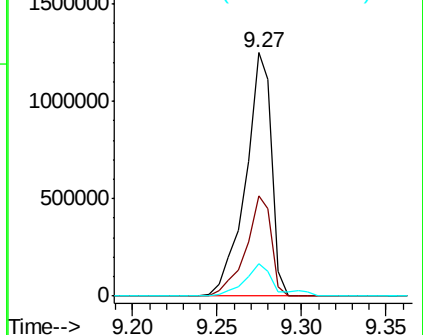


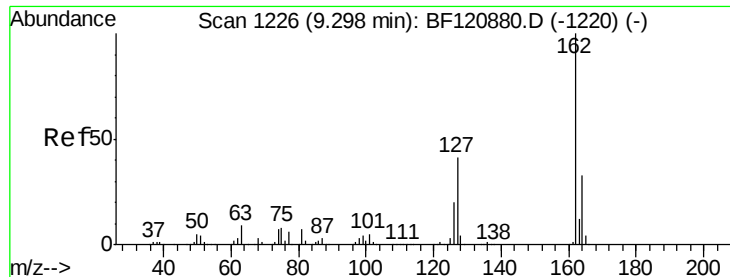
#46  
 1,1'-Biphenyl  
 Concen: 39.059 ng  
 RT: 9.27 min Scan# 1222  
 Delta R.T. -0.00 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

Tgt Ion:154 Resp: 1338351  
 Ion Ratio Lower Upper  
 154 100  
 153 41.0 20.4 60.4  
 76 13.2 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1



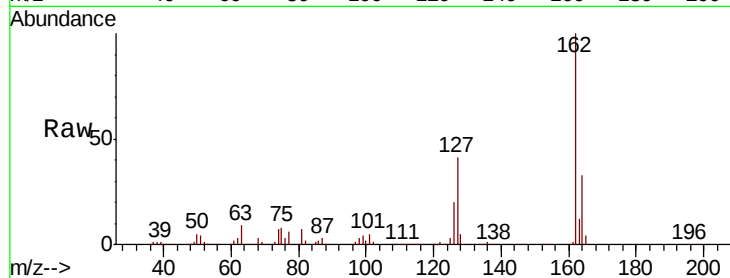


#47  
 2-Chloronaphthalene  
 Concen: 38.440 ng  
 RT: 9.30 min Scan# 1226  
 Delta R.T. -0.00 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

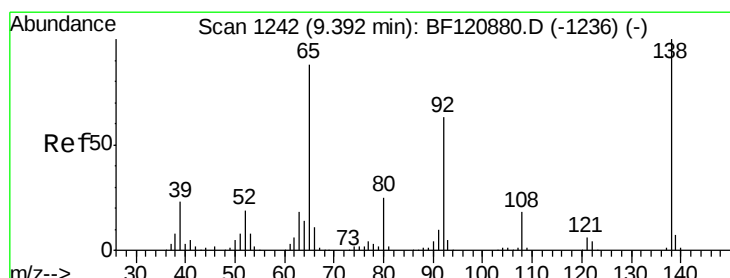
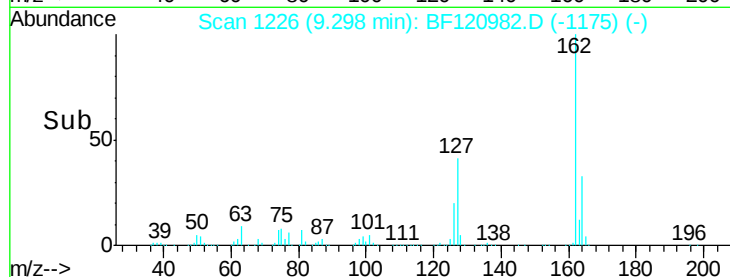
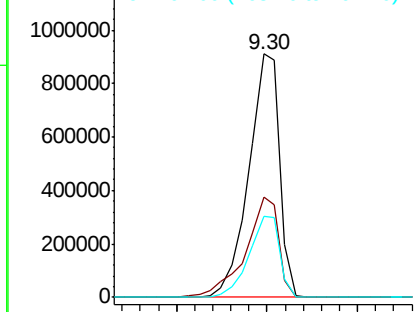
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:162 Resp: 1073876  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 41.2  | 33.3  | 49.9  |
| 164 | 33.2  | 26.6  | 39.8  |



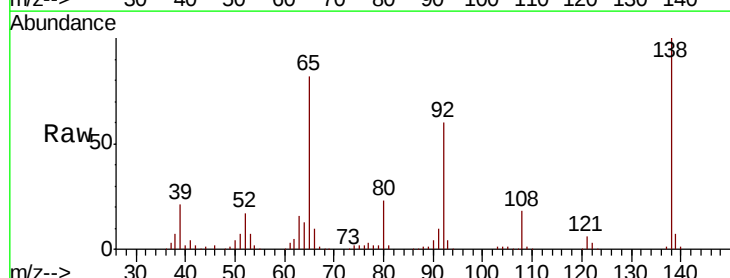
Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E



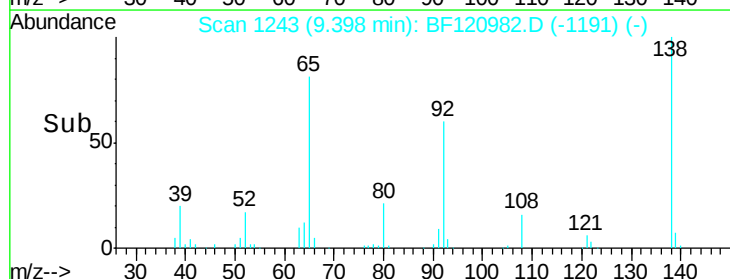
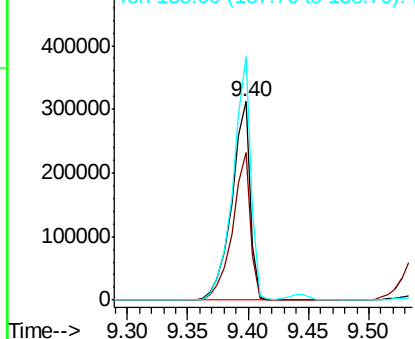
#48  
 2-Nitroaniline  
 Concen: 39.360 ng  
 RT: 9.40 min Scan# 1243  
 Delta R.T. 0.01 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

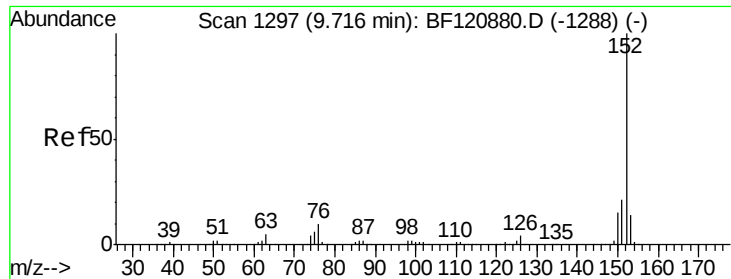
Tgt Ion: 65 Resp: 332295  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 74.1  | 57.0  | 85.4  |
| 138 | 122.5 | 90.4  | 135.6 |



Abundance Ion 65.00 (64.70 to 65.70): BF1  
 Ion 92.00 (91.70 to 92.70): BF1  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.339 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA\_F

ClientSampleId :

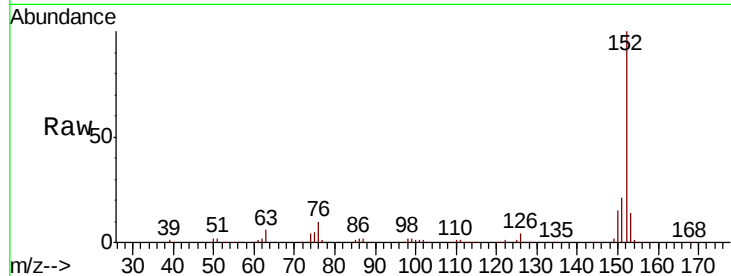
Tot Ion:152 Resp: 1663891

Ion Ratio Lower Upper

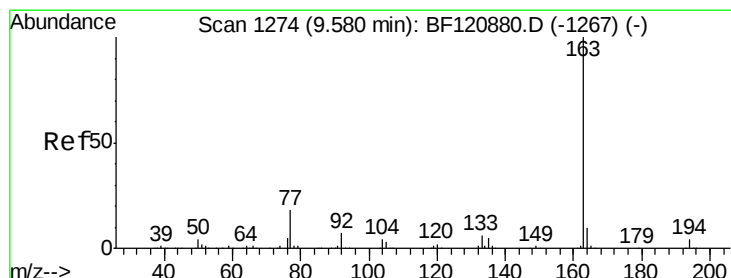
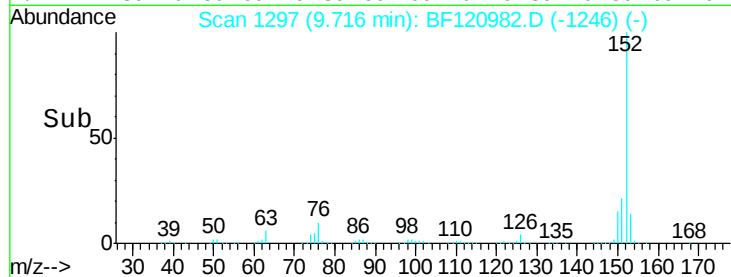
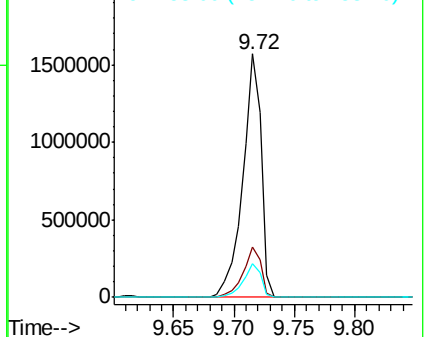
152 100

151 20.8 16.6 25.0

153 13.8 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: 40.087 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

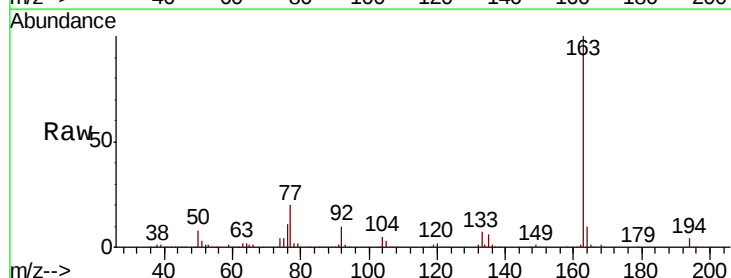
Tgt Ion:163 Resp: 1299077

Ion Ratio Lower Upper

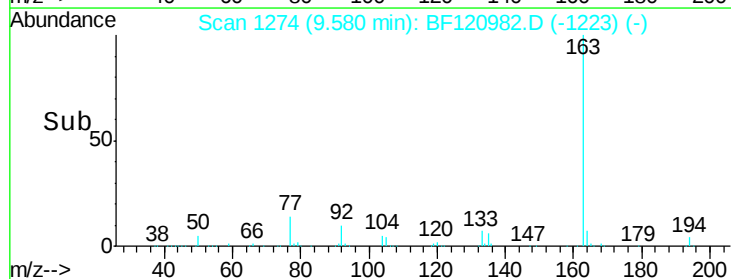
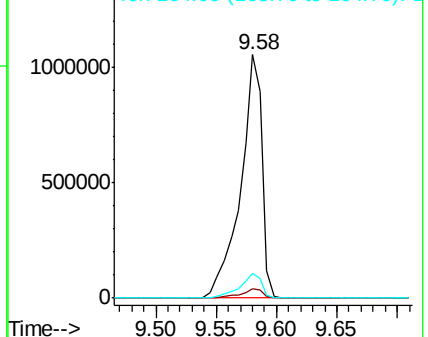
163 100

194 3.7 3.2 4.8

164 10.4 7.9 11.9



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

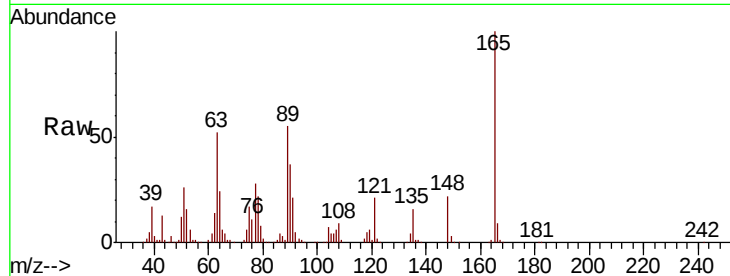




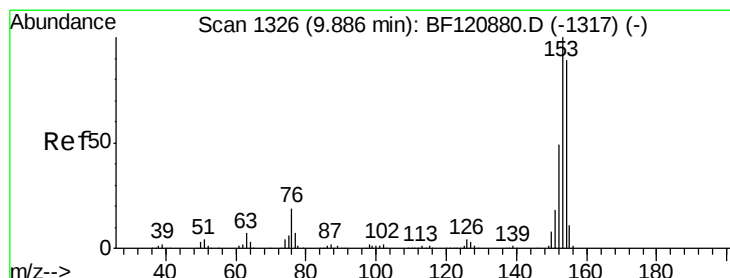
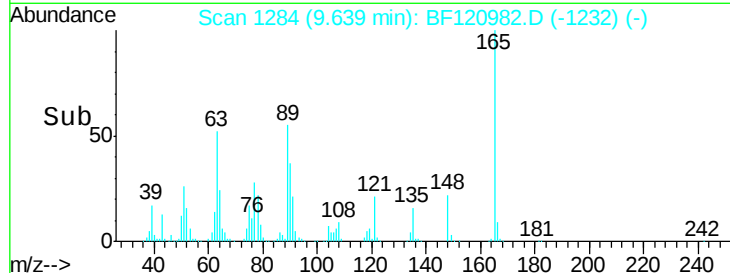
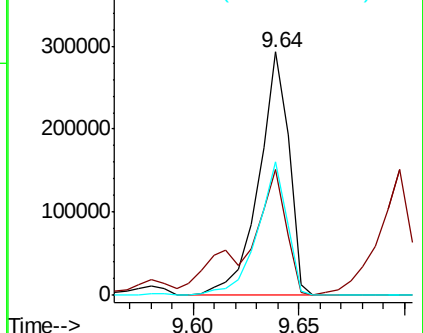
#51  
2,6-Dinitrotoluene  
Concen: 41.535 ng  
RT: 9.64 min Scan# 1284  
Delta R.T. 0.01 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:165 Resp: 289181  
Ion Ratio Lower Upper  
165 100  
63 51.6 45.4 68.2  
89 55.0 47.0 70.4

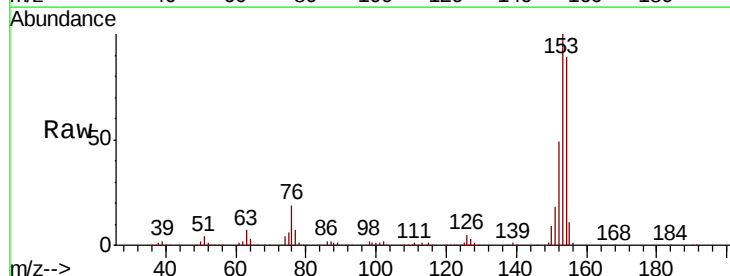


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

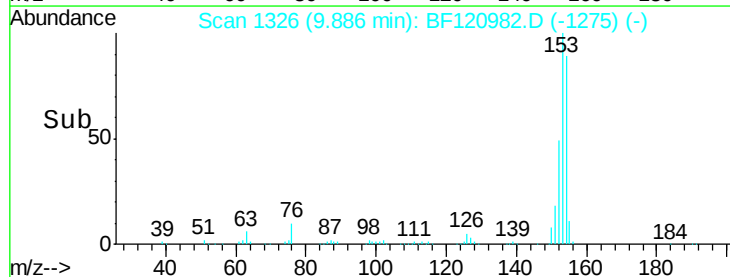
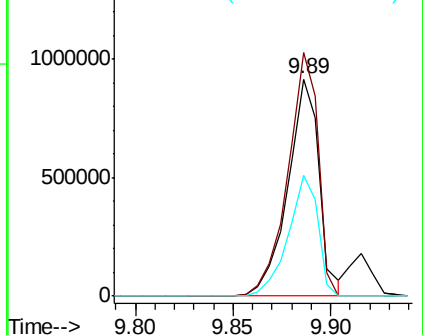


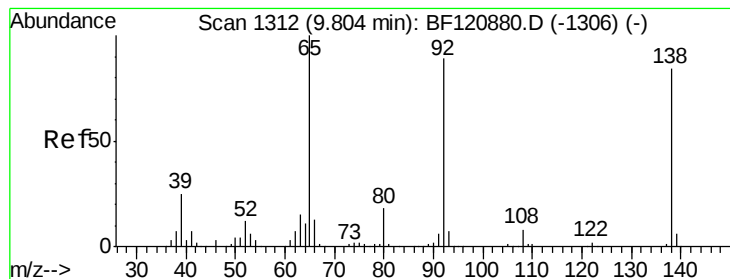
#52  
Acenaphthene  
Concen: 36.888 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Tgt Ion:154 Resp: 1017818  
Ion Ratio Lower Upper  
154 100  
153 112.3 89.5 134.3  
152 55.5 44.2 66.2



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





#53

3-Nitroaniline

Concen: 26.707 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA\_F

ClientSampleId :

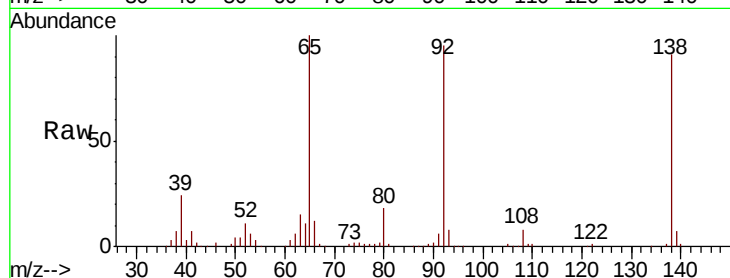
Tot Ion:138 Resp: 233206

Ion Ratio Lower Upper

138 100

108 9.2 7.9 11.9

92 104.0 85.3 127.9

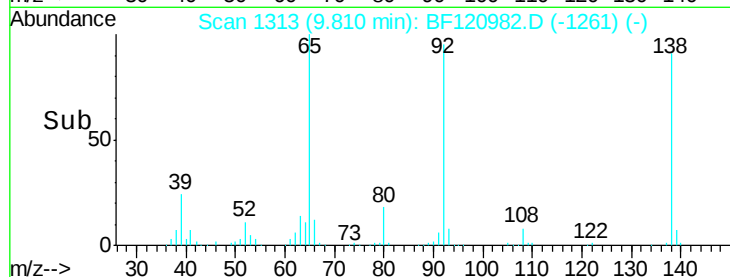


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

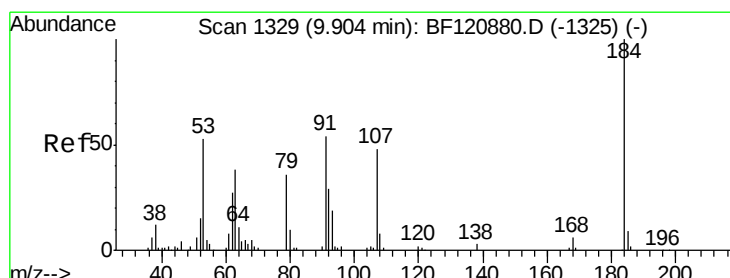
Ion 92.00 (91.70 to 92.70): BF1

Time-->



Abundance

Time-->



#54

2,4-Dinitrophenol

Concen: 77.856 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

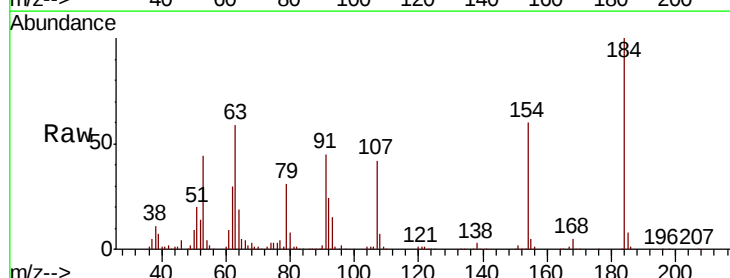
Tgt Ion:184 Resp: 311207

Ion Ratio Lower Upper

184 100

63 58.7 57.9 86.9

154 60.4 52.6 78.8

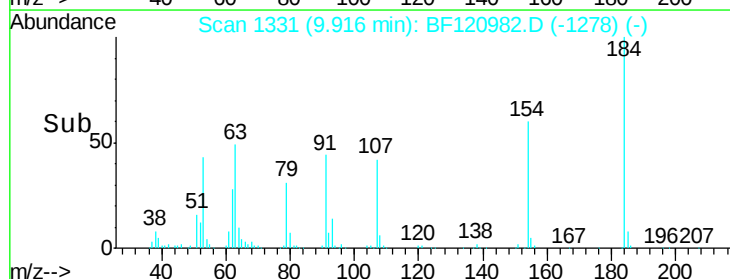


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

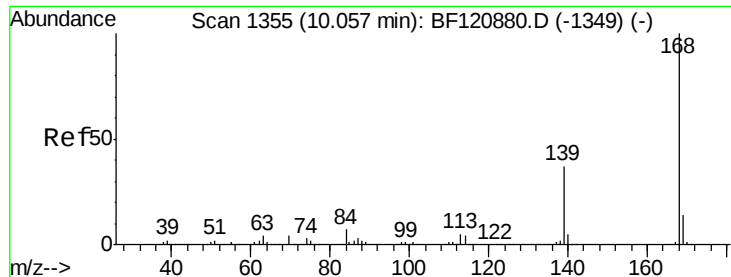
Ion 154.00 (153.70 to 154.70): E

Time-->



Abundance

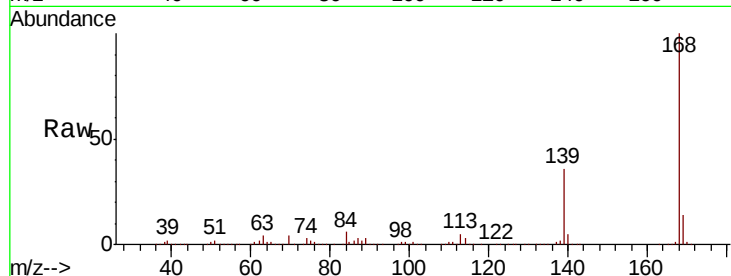
Time-->



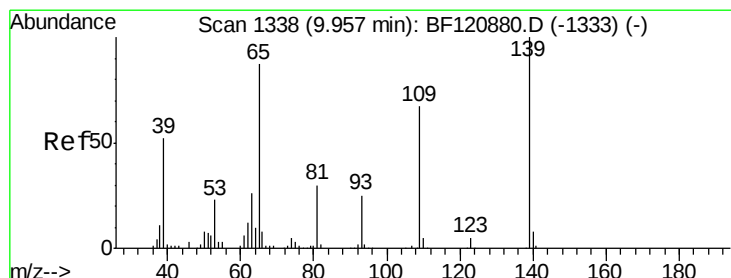
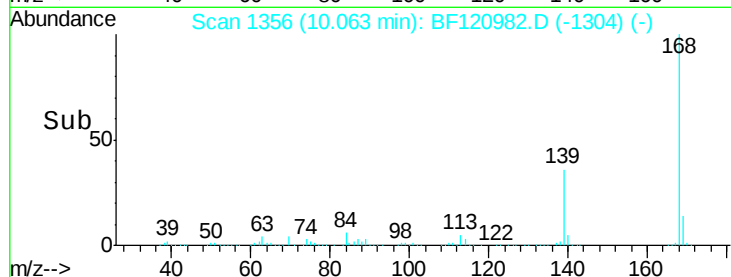
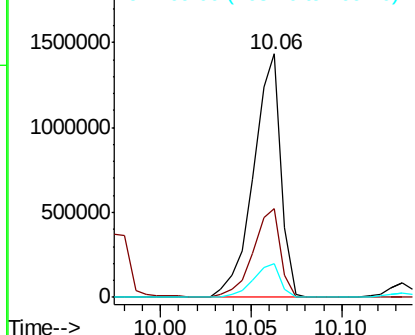
#55  
Dibenzofuran  
Concen: 37.525 ng  
RT: 10.06 min Scan# 1356  
Delta R.T. 0.01 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 1497297  
Ion Ratio Lower Upper  
168 100  
139 36.2 29.7 44.5  
169 13.8 11.1 16.7

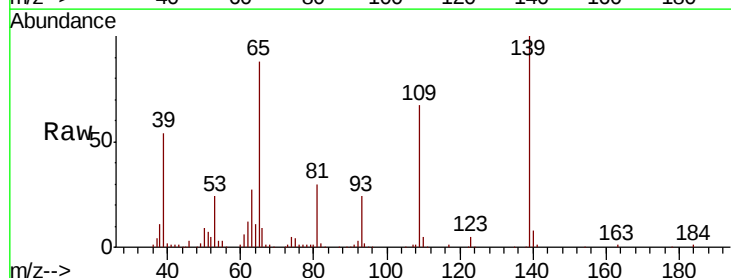


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

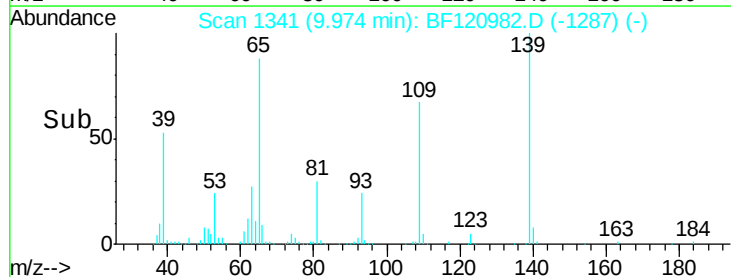
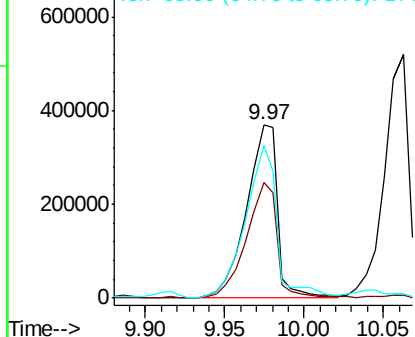


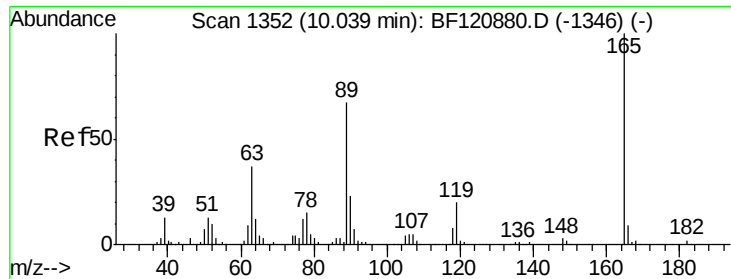
#56  
4-Nitrophenol  
Concen: 76.015 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. 0.02 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Tgt Ion:139 Resp: 504213  
Ion Ratio Lower Upper  
139 100  
109 66.6 47.3 87.3  
65 88.1 67.2 107.2



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

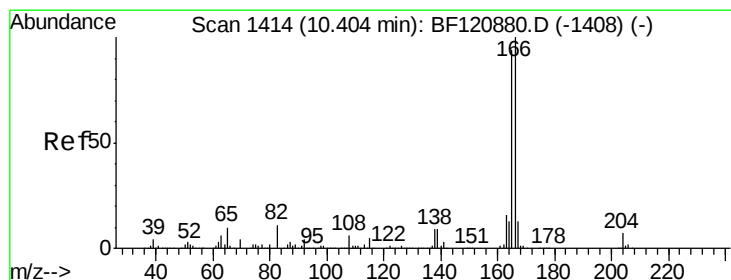
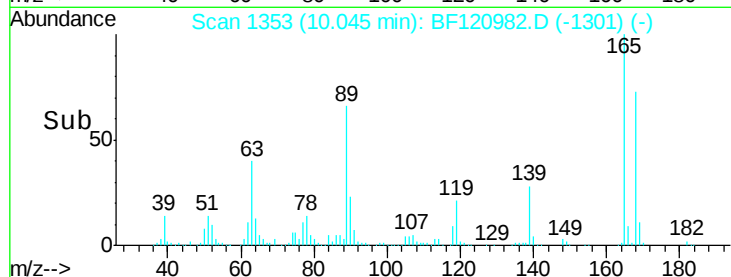
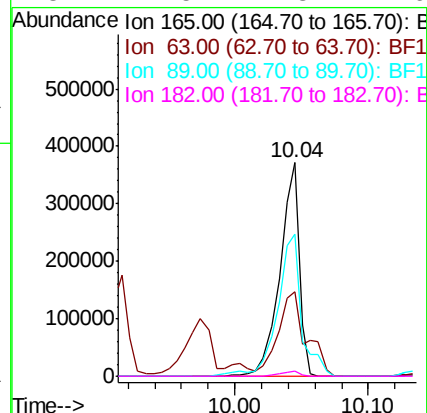
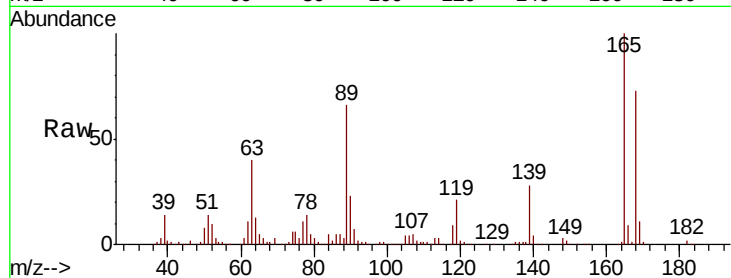




#57  
2,4-Dinitrotoluene  
Concen: 41.696 ng  
RT: 10.04 min Scan# 1353  
Delta R.T. 0.01 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

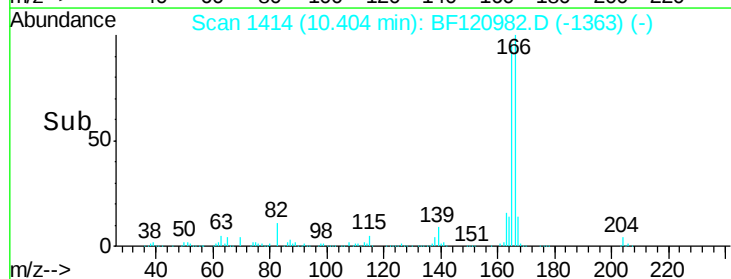
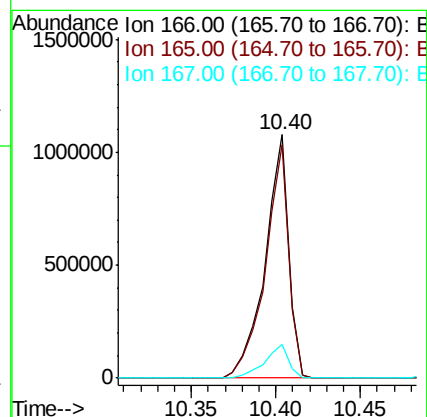
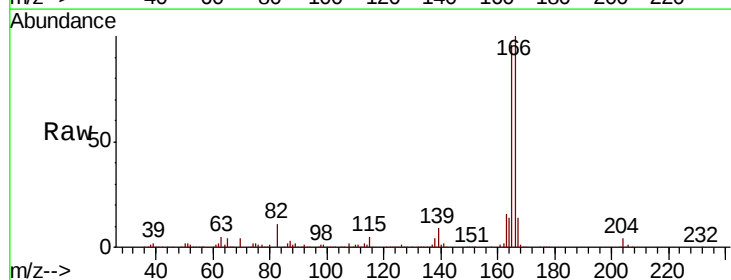
Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 39.8  | 29.4  | 44.2  |
| 89      | 66.4  | 53.4  | 80.0  |
| 182     | 2.5   | 1.8   | 2.6   |



#58  
Fluorene  
Concen: 35.068 ng  
RT: 10.40 min Scan# 1414  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 95.7  | 75.4  | 113.0 |
| 167     | 13.7  | 10.6  | 15.8  |

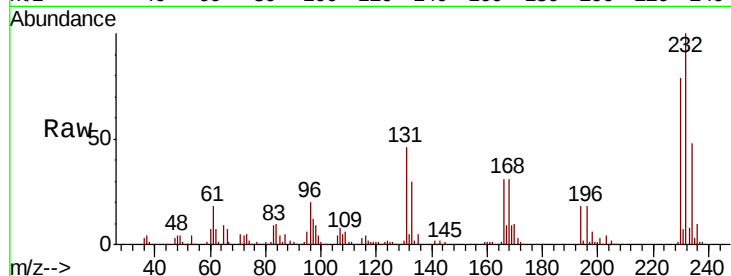




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.543 ng  
 RT: 10.17 min Scan# 1375  
 Delta R.T. -0.00 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 44.7  | 37.1  | 55.7  |
| 130     | 2.2   | 1.7   | 2.5   |
| 166     | 29.1  | 24.2  | 36.4  |



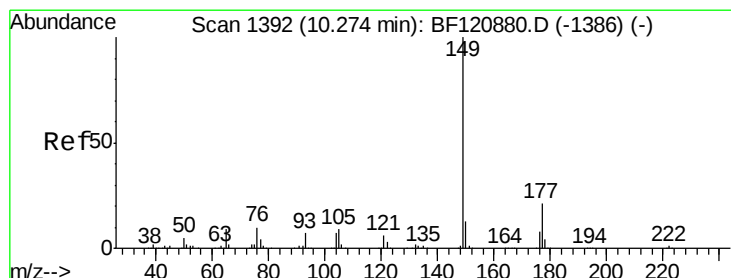
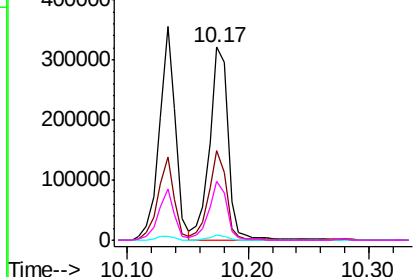
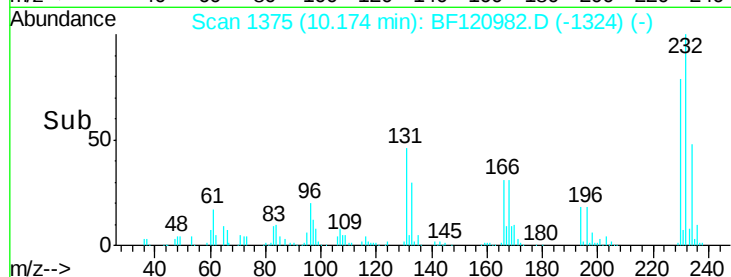
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

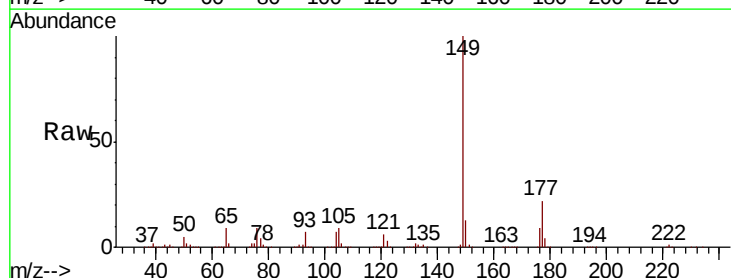
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 39.219 ng  
 RT: 10.28 min Scan# 1393  
 Delta R.T. 0.01 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.3  | 17.1  | 25.7  |
| 150     | 12.7  | 10.3  | 15.5  |

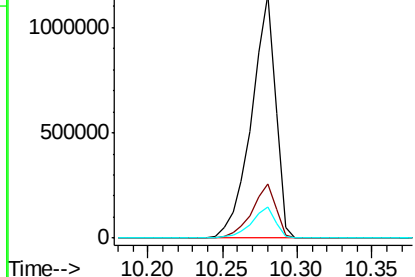
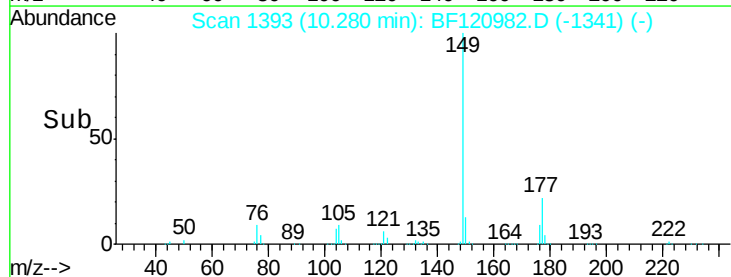


Abundance

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

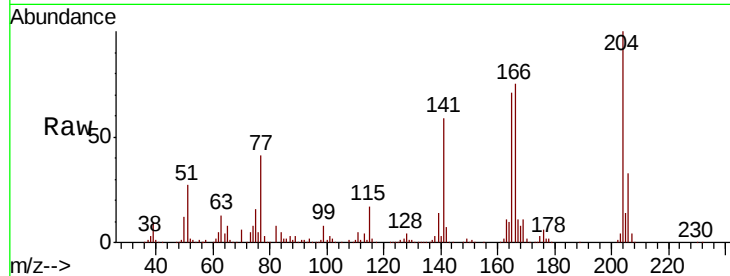




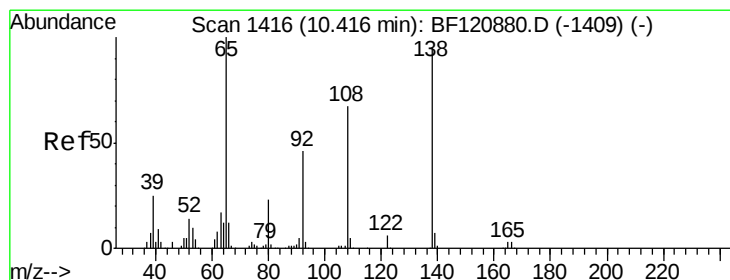
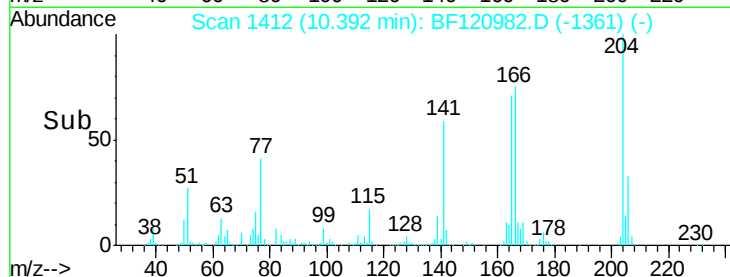
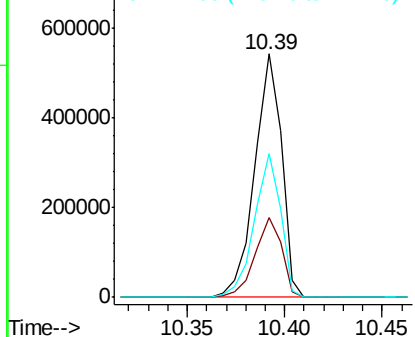
#61  
4-Chlorophenyl-phenylether  
Concen: 32.651 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:204 Resp: 518264  
Ion Ratio Lower Upper  
204 100  
206 32.7 25.9 38.9  
141 58.8 47.2 70.8

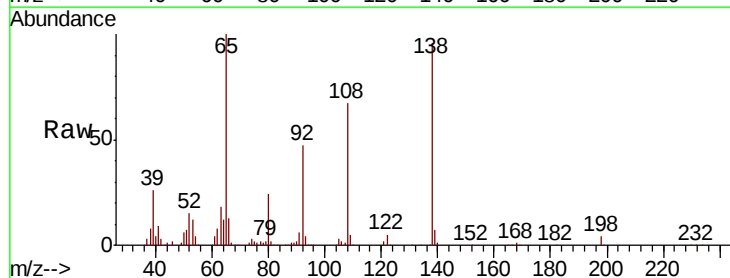


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

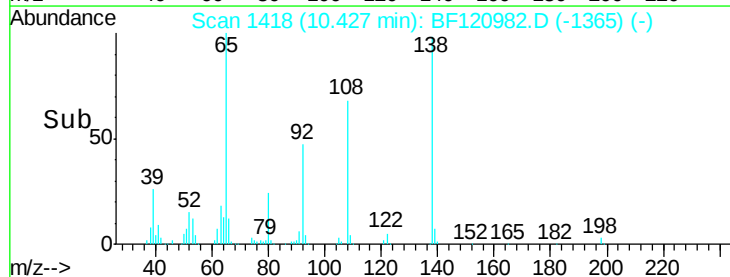
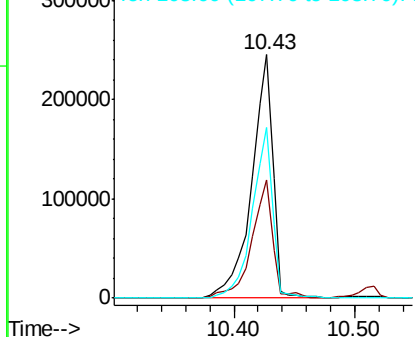


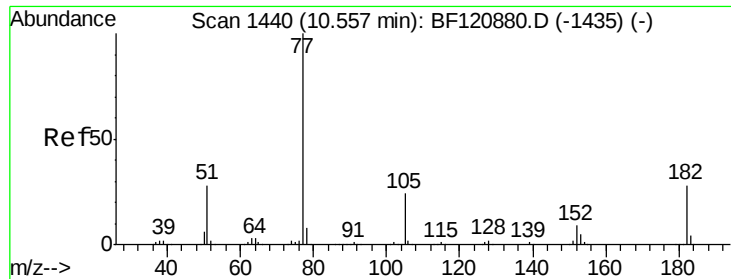
#62  
4-Nitroaniline  
Concen: 35.724 ng  
RT: 10.43 min Scan# 1418  
Delta R.T. 0.01 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Tgt Ion:138 Resp: 303863  
Ion Ratio Lower Upper  
138 100  
92 48.5 28.6 68.6  
108 69.9 51.1 91.1



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





#63

Azobenzene

Concen: 37.649 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 1174867

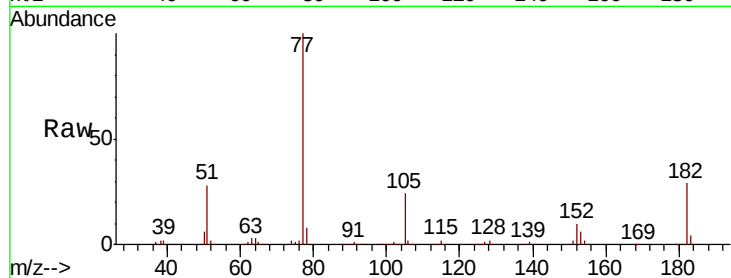
Ion Ratio Lower Upper

77 100

182 29.1 7.8 47.8

105 24.3 4.4 44.4

51 28.0 8.0 48.0

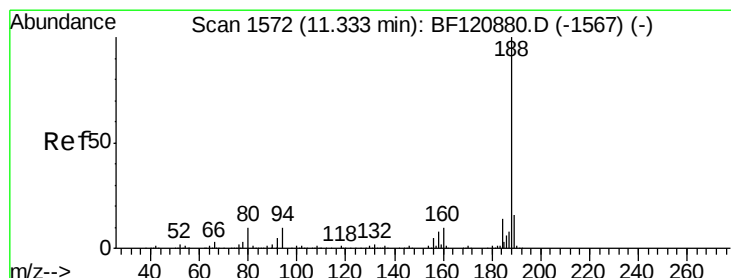
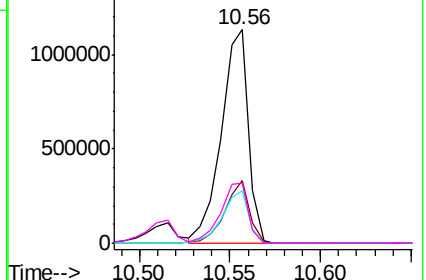
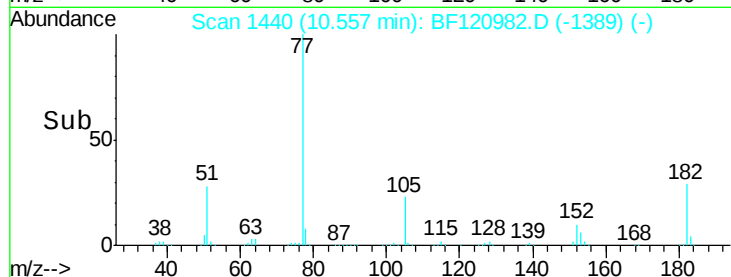


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

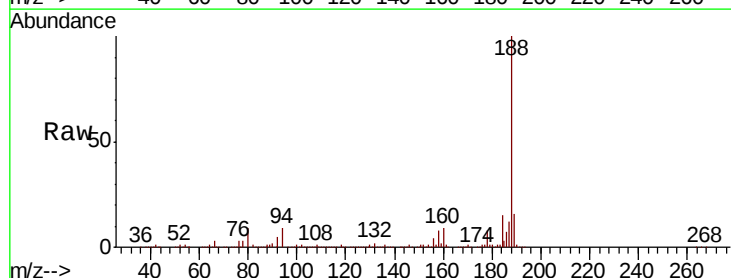
Tgt Ion: 188 Resp: 830444

Ion Ratio Lower Upper

188 100

94 8.6 8.0 12.0

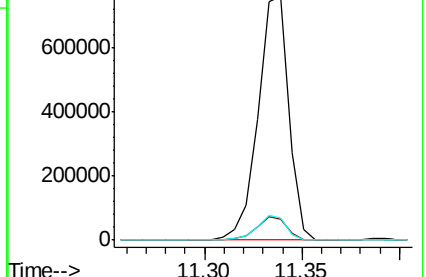
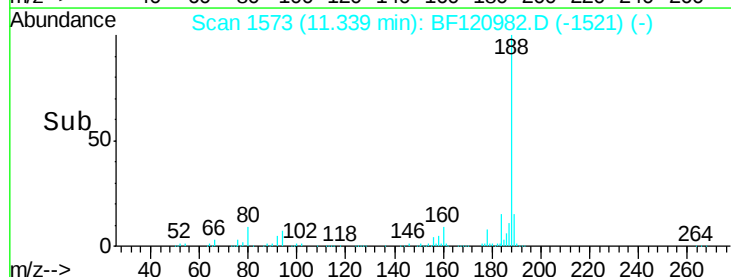
80 9.2 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.454 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

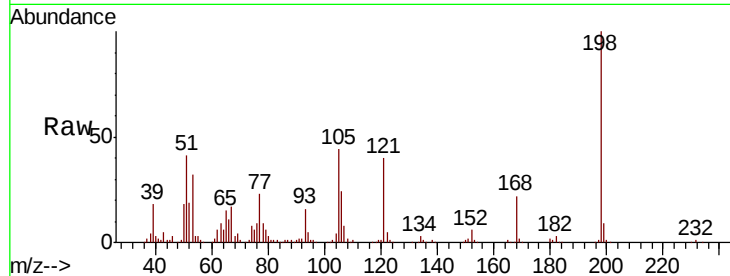
Instrument :

BNA\_F

ClientSampled :

Tot Ion:198 Resp: 206950

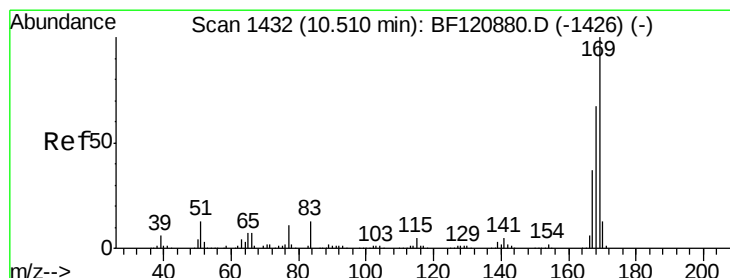
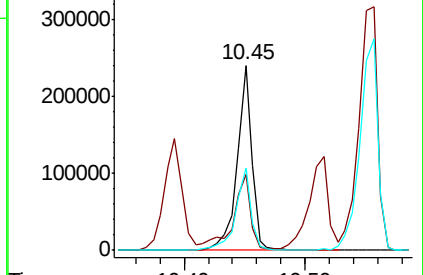
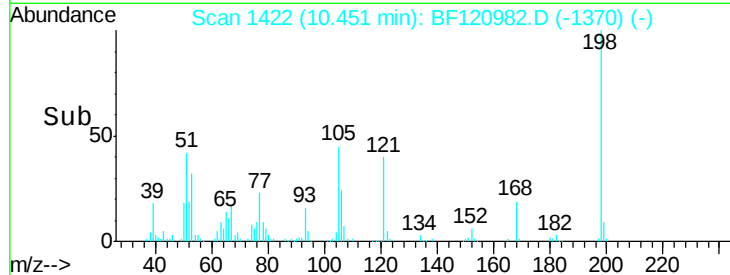
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 41.3  | 19.5  | 59.5  |
| 105 | 44.2  | 24.4  | 64.4  |



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: 40.557 ng

RT: 10.52 min Scan# 1433

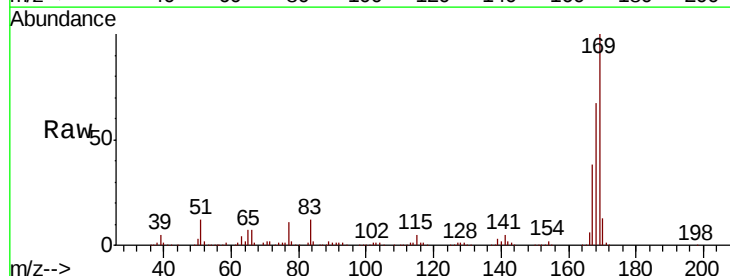
Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Tgt Ion:169 Resp: 1059519

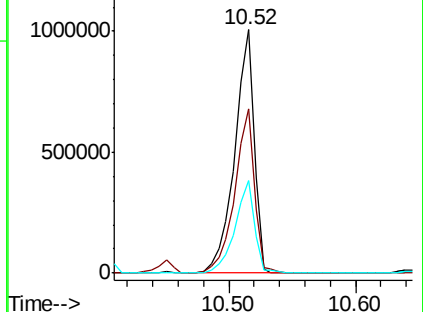
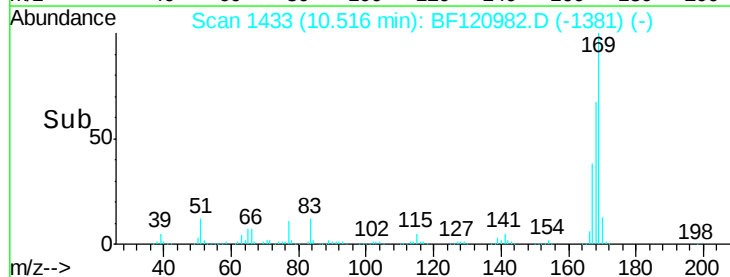
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 67.2  | 53.4  | 80.0  |
| 167 | 37.9  | 29.4  | 44.0  |



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

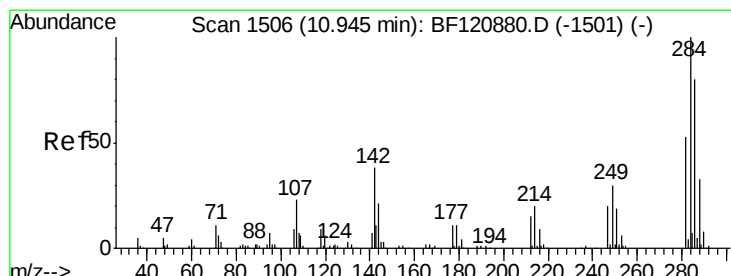
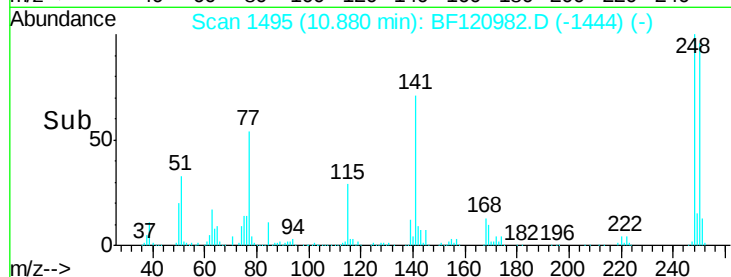
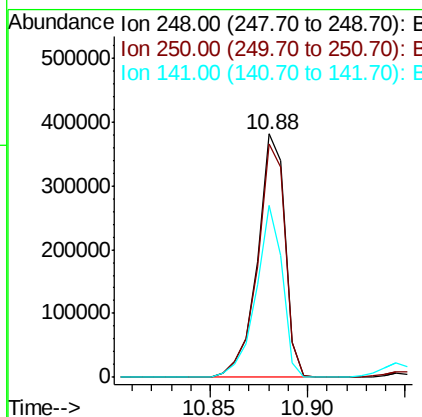
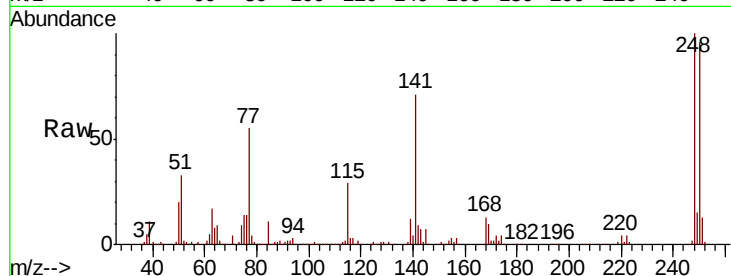




#67  
 4-Bromophenyl-phenylether  
 Concen: 40.157 ng  
 RT: 10.88 min Scan# 1495  
 Delta R.T. -0.00 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

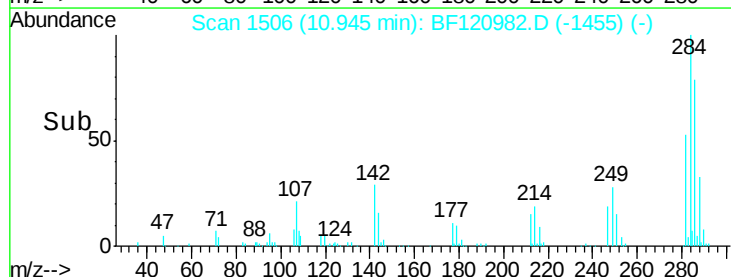
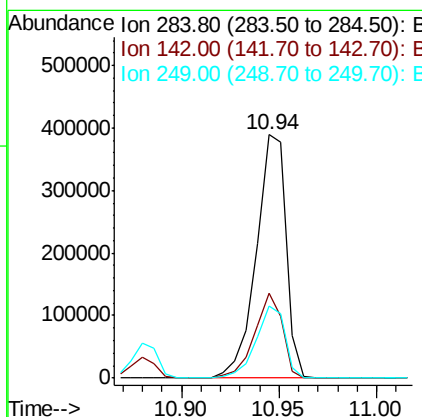
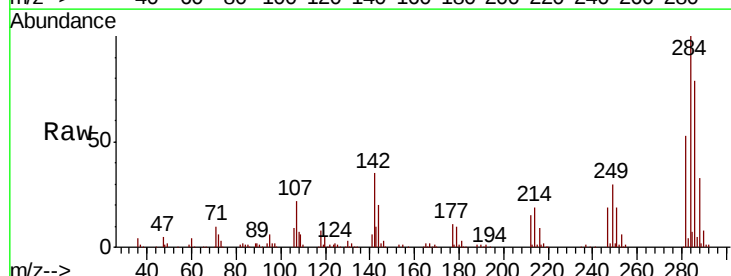
Instrument :  
 BNA\_F  
 ClientSampleId :

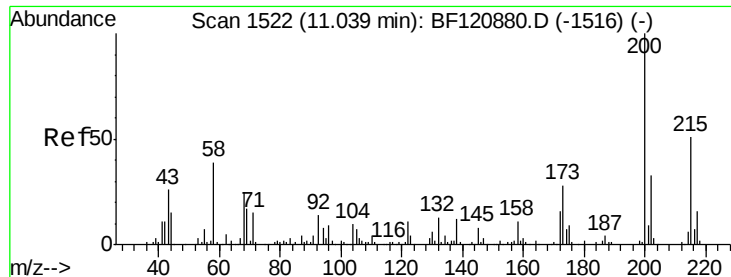
Tot Ion:248 Resp: 371803  
 Ion Ratio Lower Upper  
 248 100  
 250 95.7 77.1 115.7  
 141 70.9 61.2 91.8



#68  
 Hexachlorobenzene  
 Concen: 41.146 ng  
 RT: 10.94 min Scan# 1506  
 Delta R.T. -0.00 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

Tgt Ion:284 Resp: 412098  
 Ion Ratio Lower Upper  
 284 100  
 142 34.9 30.2 45.2  
 249 29.8 24.2 36.2





#69

Atrazine

Concen: 46.040 ng

RT: 11.04 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA\_F

ClientSampleId :

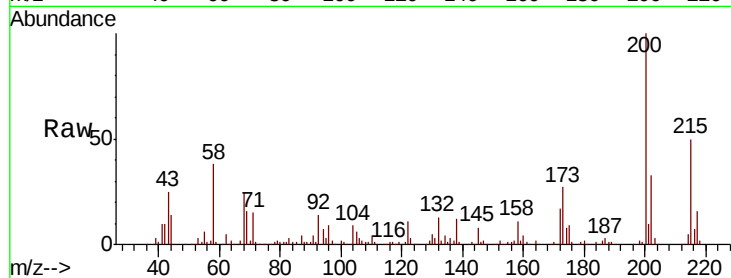
Tot Ion:200 Resp: 297869

Ion Ratio Lower Upper

200 100

173 27.3 8.0 48.0

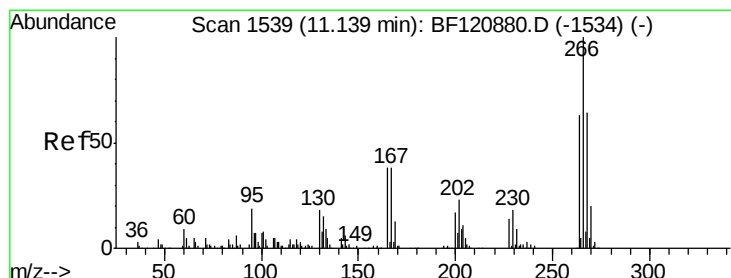
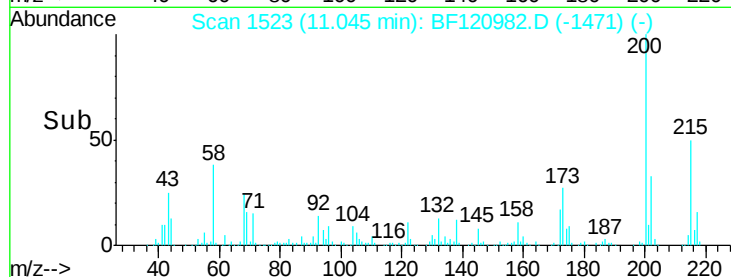
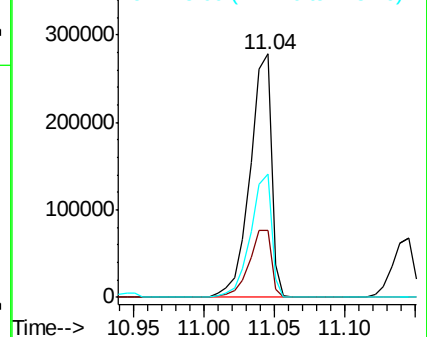
215 50.4 31.5 71.5



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: 79.361 ng

RT: 11.14 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

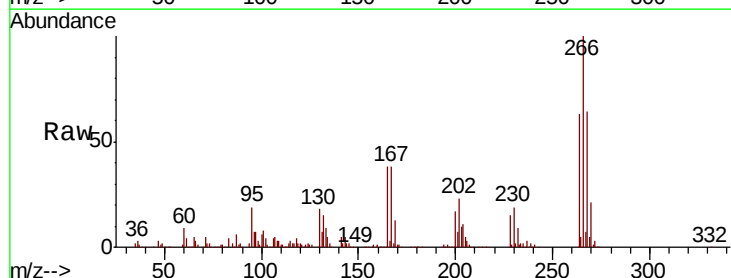
Tgt Ion:266 Resp: 455358

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

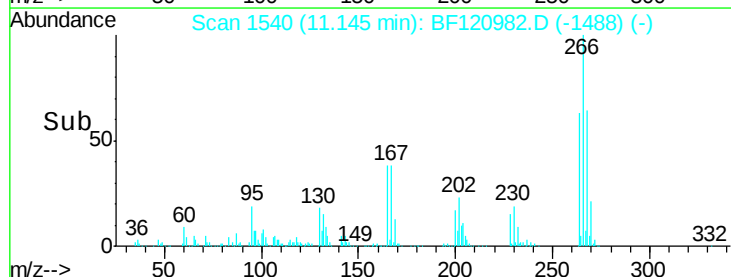
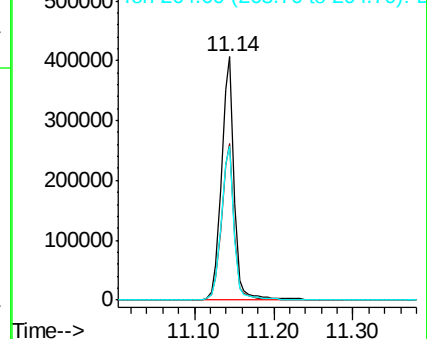
264 63.5 50.2 75.2

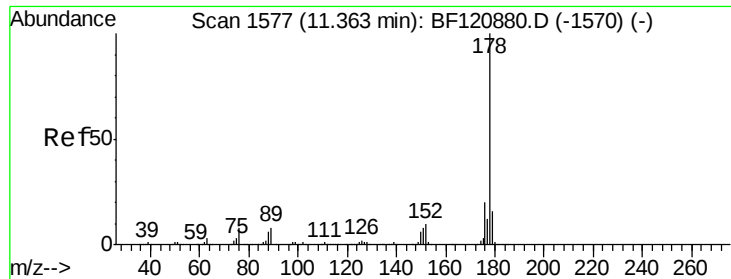


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

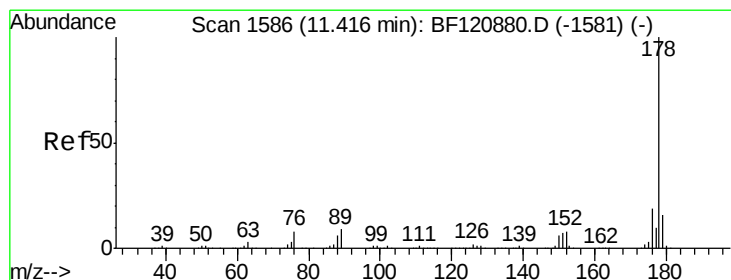
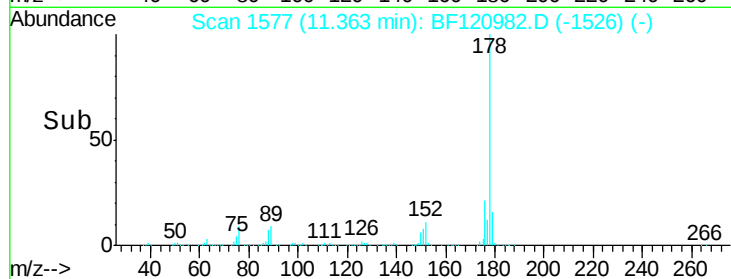
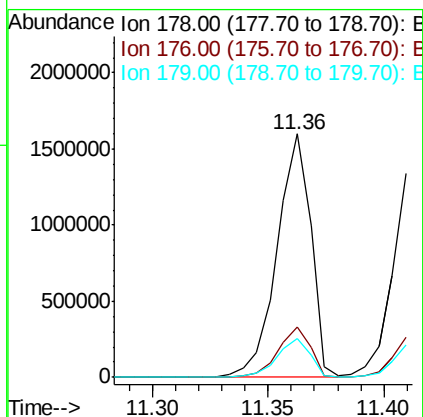
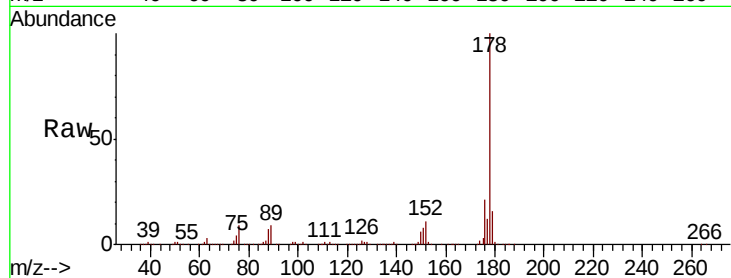




#71  
Phenanthrene  
Concen: 37.891 ng  
RT: 11.36 min Scan# 1577  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

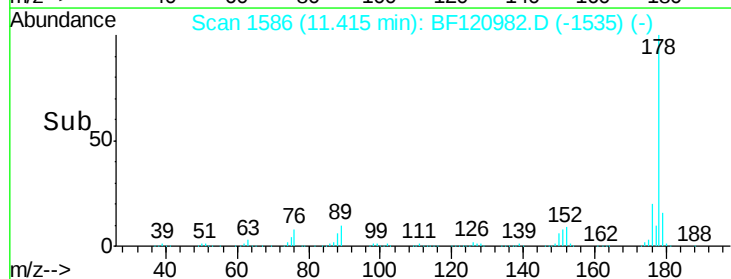
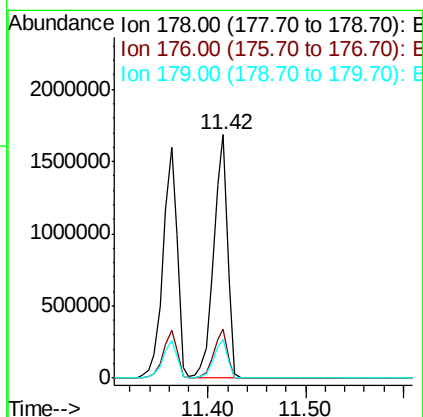
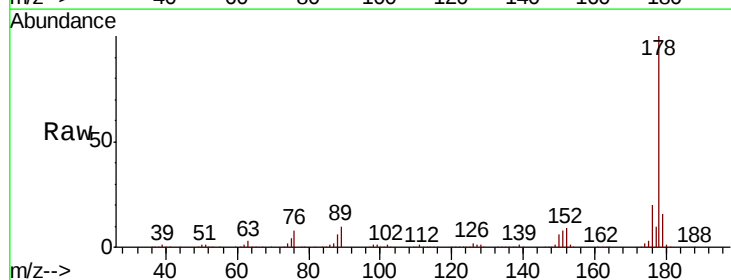
Instrument :  
BNA\_F  
ClientSampleId :

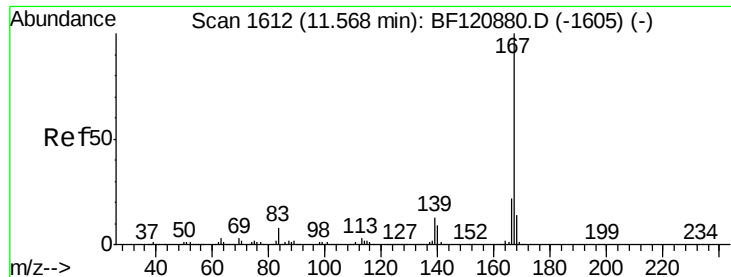
Tot Ion:178 Resp: 1618331  
Ion Ratio Lower Upper  
178 100  
176 20.6 16.2 24.4  
179 16.1 12.8 19.2



#72  
Anthracene  
Concen: 38.698 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Tgt Ion:178 Resp: 1659636  
Ion Ratio Lower Upper  
178 100  
176 20.3 15.5 23.3  
179 16.0 12.8 19.2

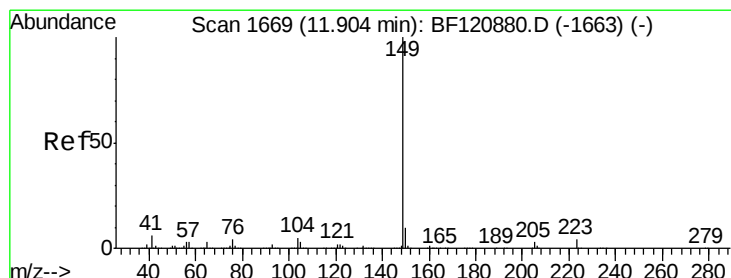
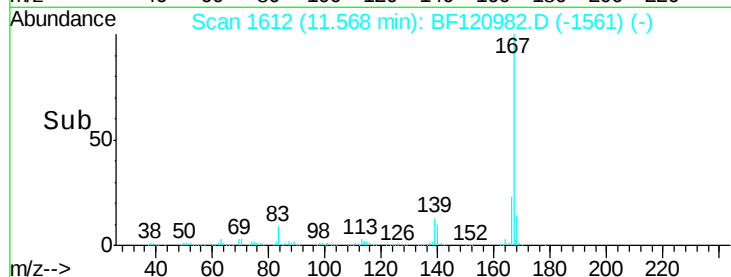
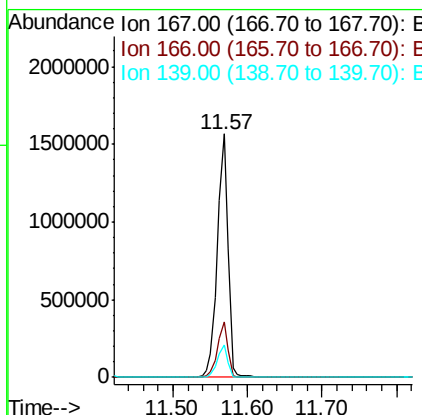
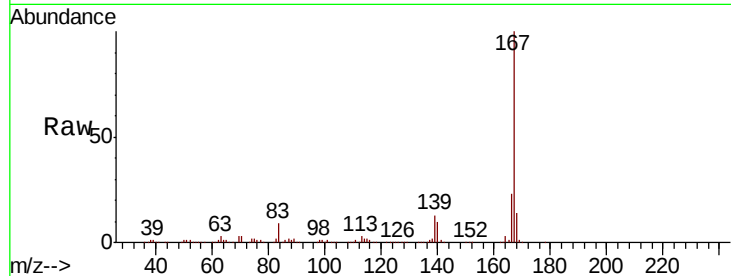




#73  
 Carbazole  
 Concen: 36.647 ng  
 RT: 11.57 min Scan# 1612  
 Delta R.T. -0.00 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

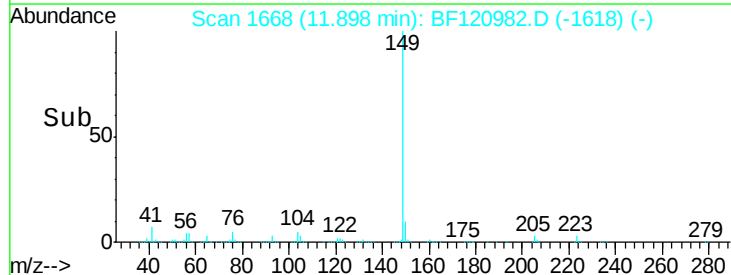
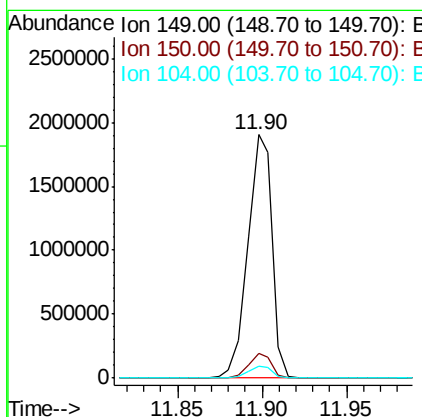
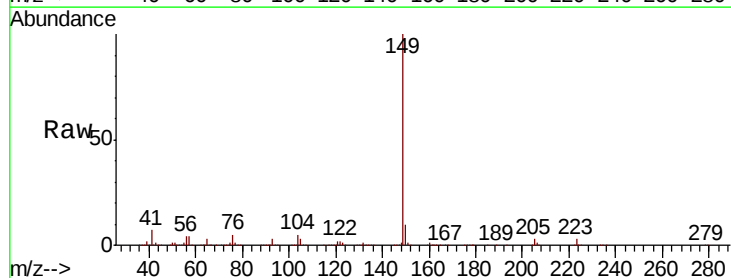
Instrument :  
 BNA\_F  
 ClientSampleId :

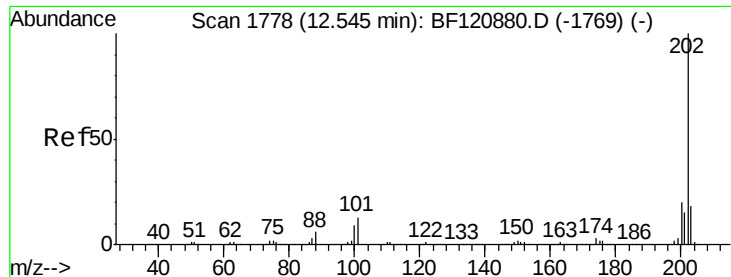
Tot Ion:167 Resp: 1559746  
 Ion Ratio Lower Upper  
 167 100  
 166 22.5 17.7 26.5  
 139 13.1 10.1 15.1



#74  
 Di-n-butylphthalate  
 Concen: 38.784 ng  
 RT: 11.90 min Scan# 1668  
 Delta R.T. -0.01 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

Tgt Ion:149 Resp: 1904925  
 Ion Ratio Lower Upper  
 149 100  
 150 10.2 7.8 11.6  
 104 5.0 3.8 5.6

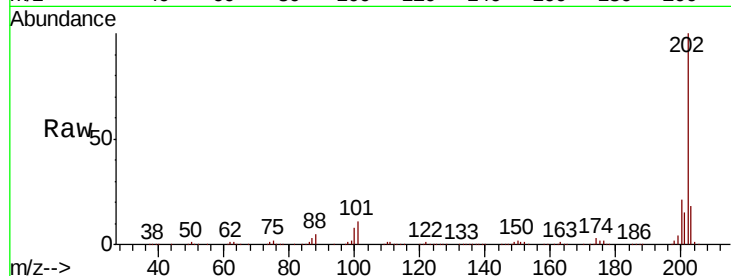




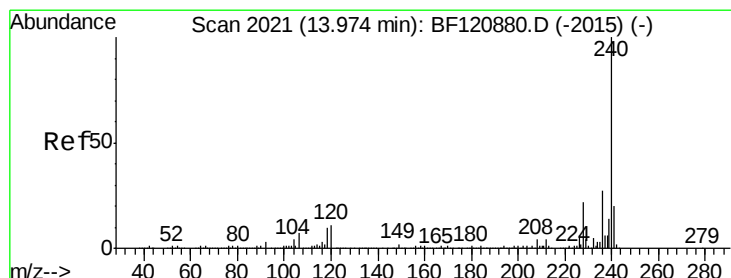
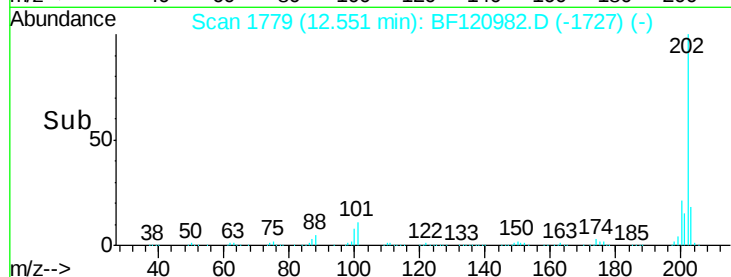
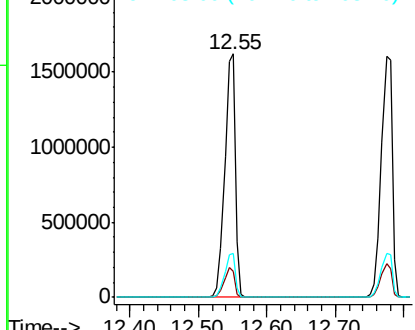
#75  
Fluoranthene  
Concen: 37.057 ng  
RT: 12.55 min Scan# 1779  
Delta R.T. 0.01 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:202 Resp: 1754296  
Ion Ratio Lower Upper  
202 100  
101 10.7 0.0 32.7  
203 18.2 0.0 38.0

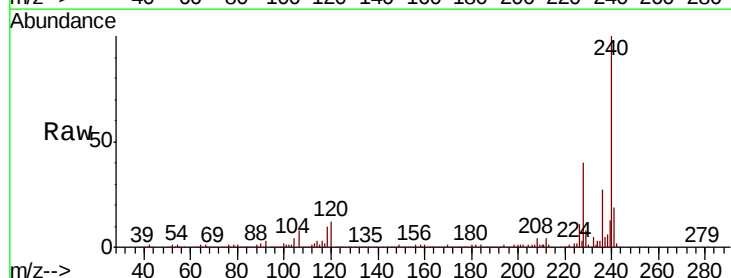


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

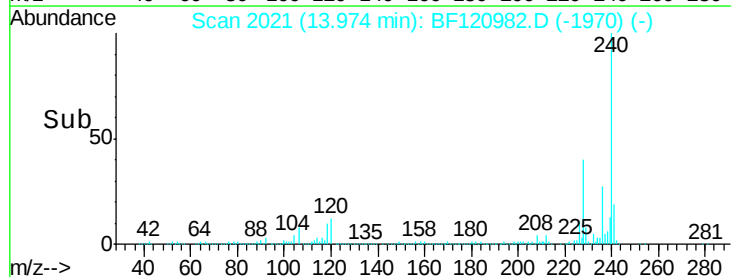
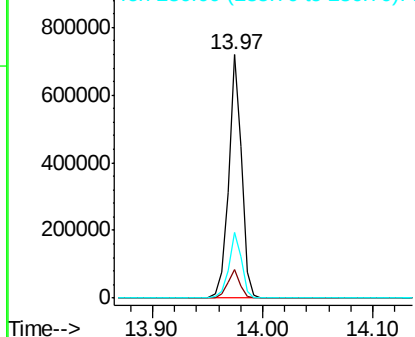


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.97 min Scan# 2021  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Tgt Ion:240 Resp: 589687  
Ion Ratio Lower Upper  
240 100  
120 11.6 9.0 13.4  
236 26.8 21.7 32.5



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





#77

Benzidine

Concen: 31.454 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA\_F

ClientSampleId :

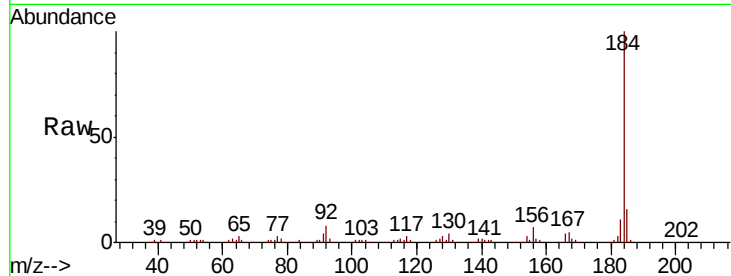
Tot Ion:184 Resp: 487668

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

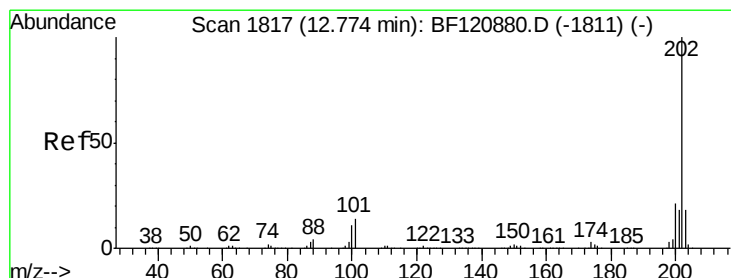
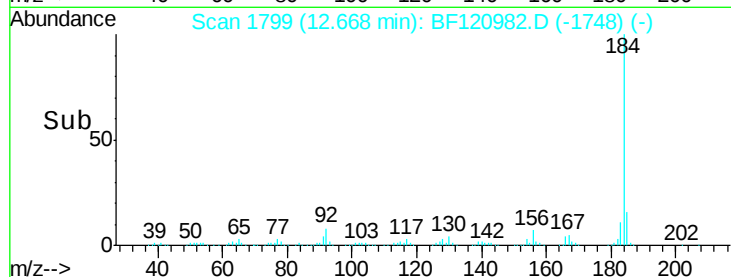
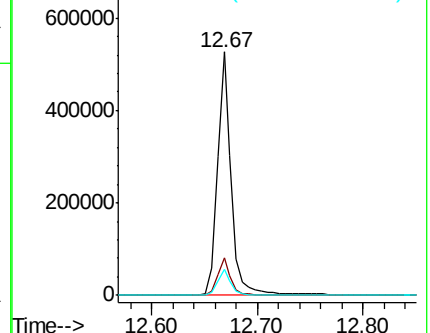
183 10.9 8.5 12.7



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: 42.458 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

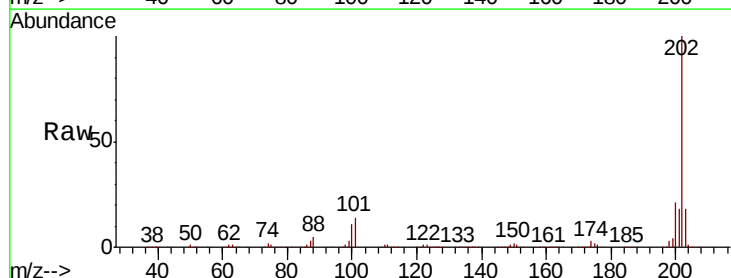
Tgt Ion:202 Resp: 1770118

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

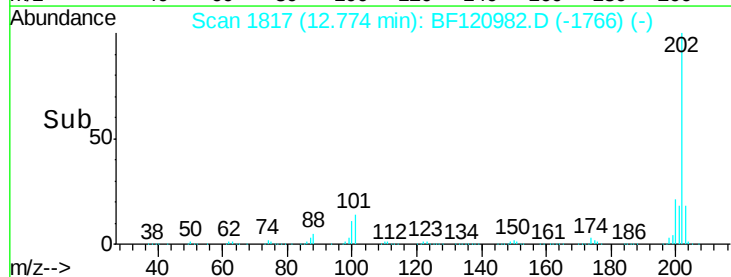
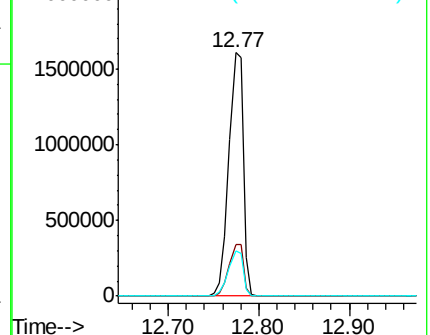
203 18.5 14.4 21.6

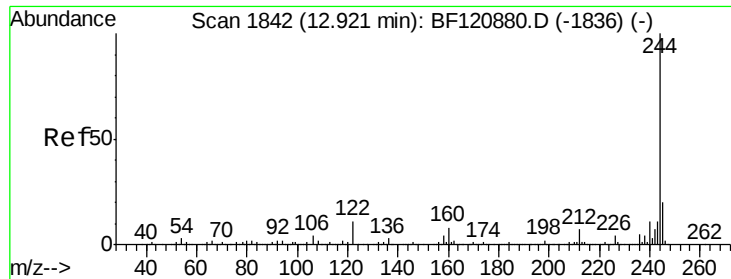


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

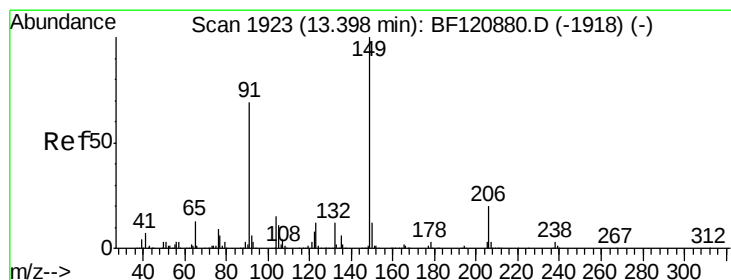
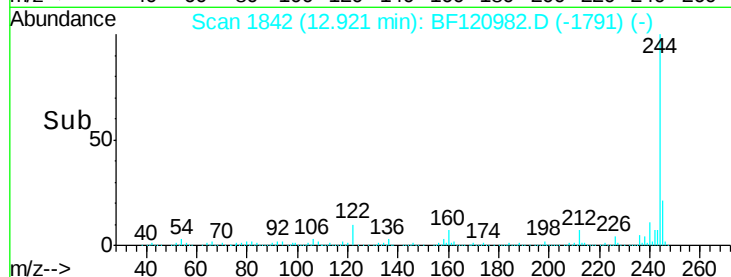
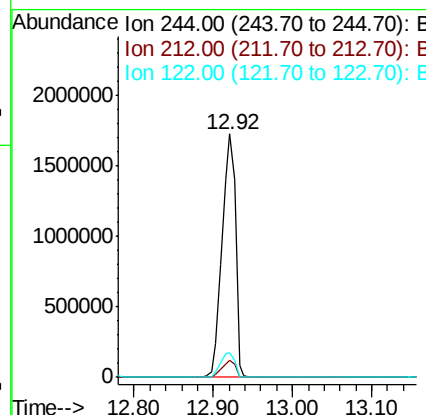
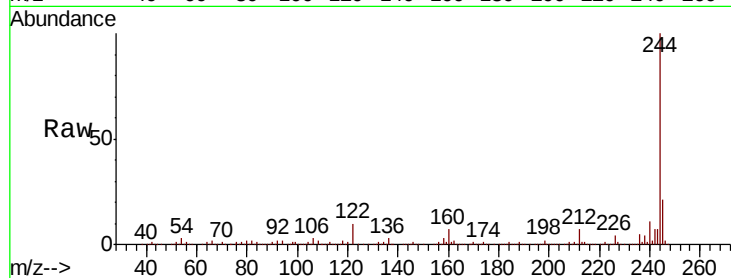




#79  
 Terphenyl-d14  
 Concen: 74.814 ng  
 RT: 12.92 min Scan# 1842  
 Delta R.T. -0.00 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

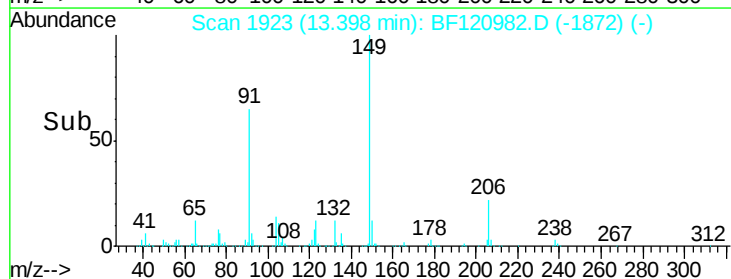
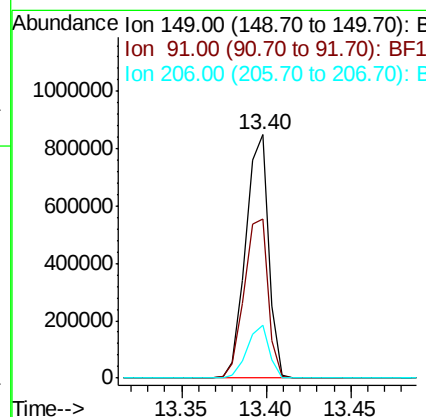
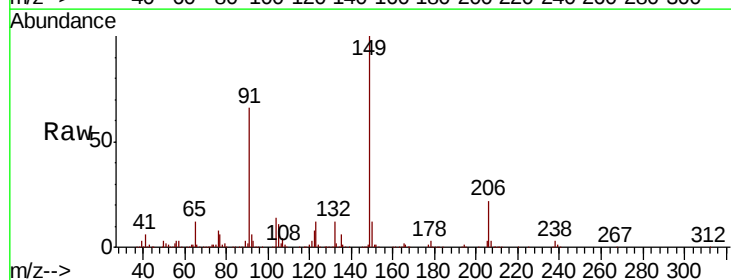
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:244 Resp: 2029489  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.6 8.4  
 122 10.0 8.9 13.3



#80  
 Butylbenzylphthalate  
 Concen: 43.285 ng  
 RT: 13.40 min Scan# 1923  
 Delta R.T. -0.00 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

Tgt Ion:149 Resp: 804457  
 Ion Ratio Lower Upper  
 149 100  
 91 65.5 55.1 82.7  
 206 22.0 16.1 24.1

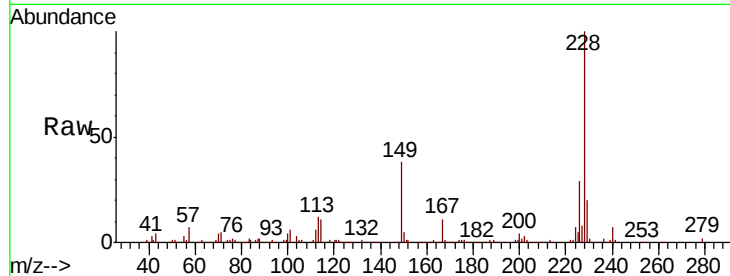




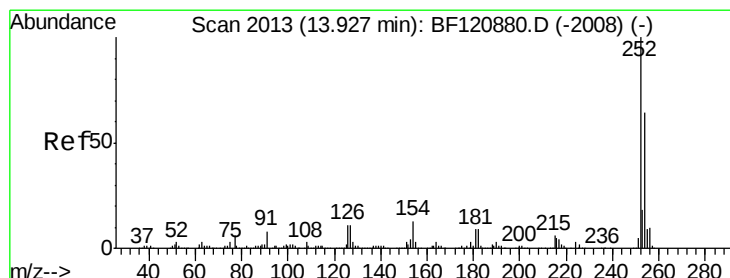
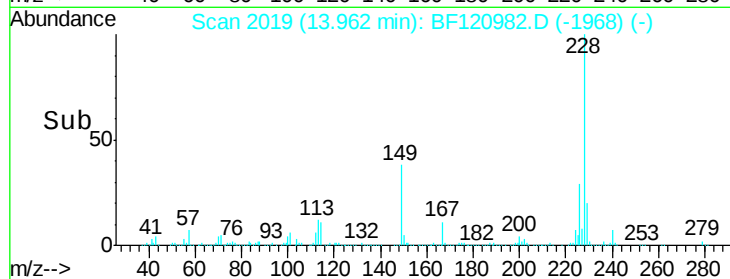
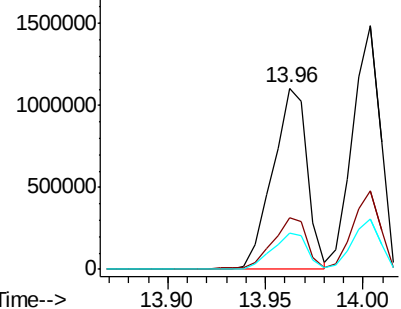
#81  
Benzo(a)anthracene  
Concen: 37.859 ng  
RT: 13.96 min Scan# 2019  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:228 Resp: 1351897  
Ion Ratio Lower Upper  
228 100  
226 28.5 22.3 33.5  
229 20.3 16.1 24.1

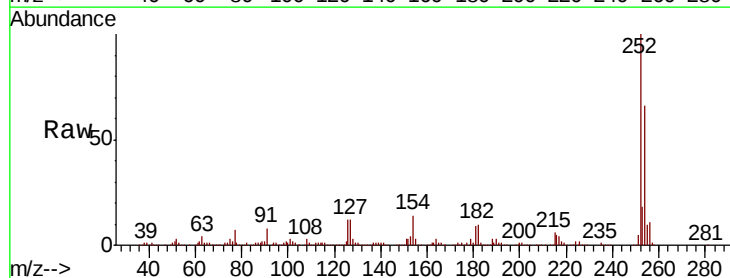


Abundance Ion 228.00 (227.70 to 228.70): E  
2000000 Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

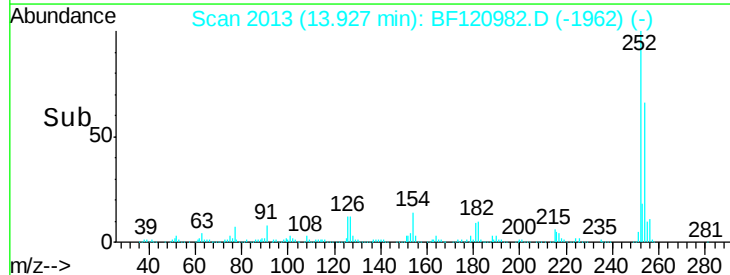
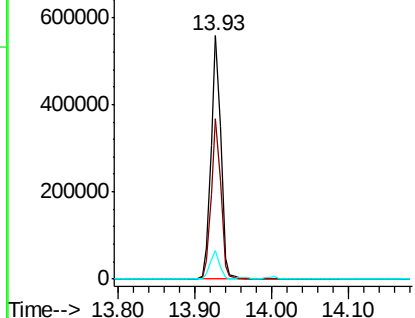


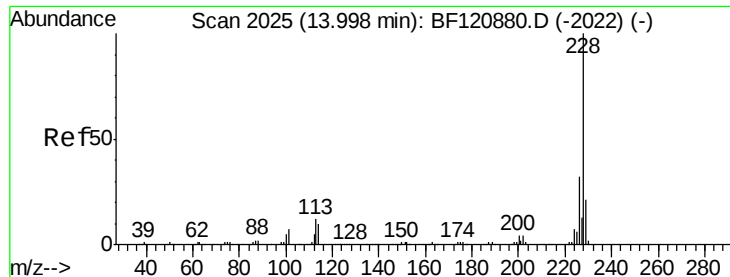
#82  
3,3'-Dichlorobenzidine  
Concen: 36.003 ng  
RT: 13.93 min Scan# 2013  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Tgt Ion:252 Resp: 485020  
Ion Ratio Lower Upper  
252 100  
254 65.9 51.2 76.8  
126 11.7 8.7 13.1



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: 39.377 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA\_F

ClientSampleId :

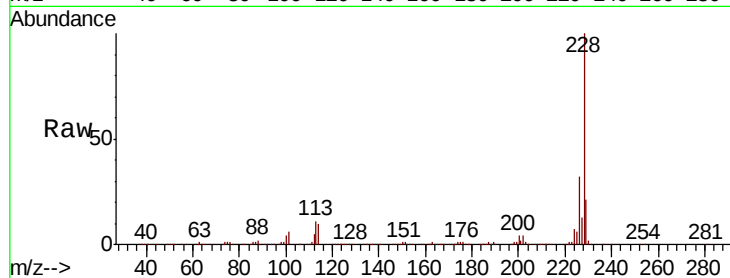
Tot Ion:228 Resp: 1477648

Ion Ratio Lower Upper

228 100

226 32.5 25.6 38.4

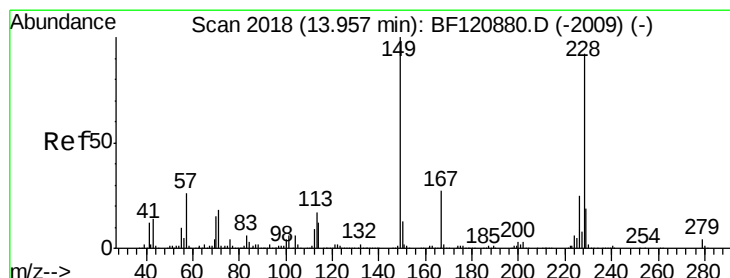
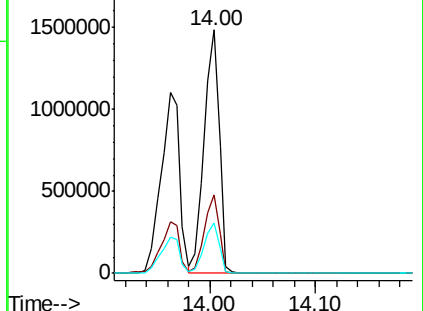
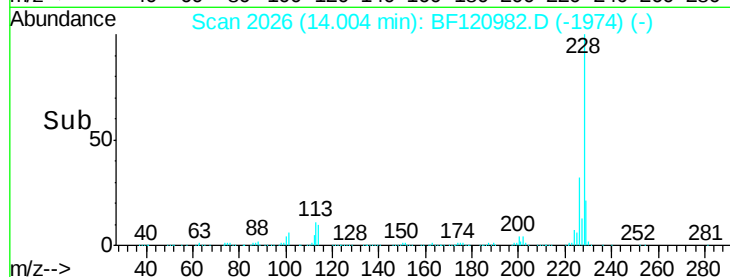
229 20.7 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

2000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.791 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

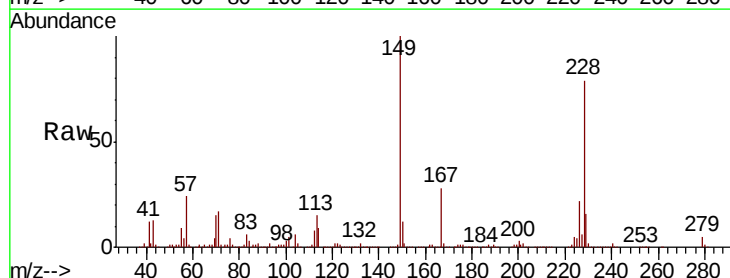
Tgt Ion:149 Resp: 957750

Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

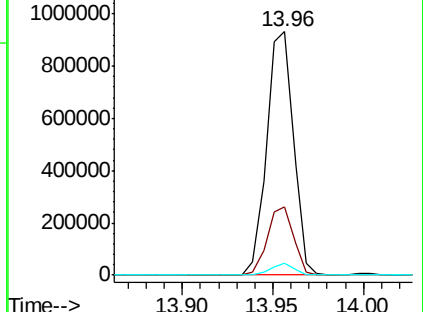
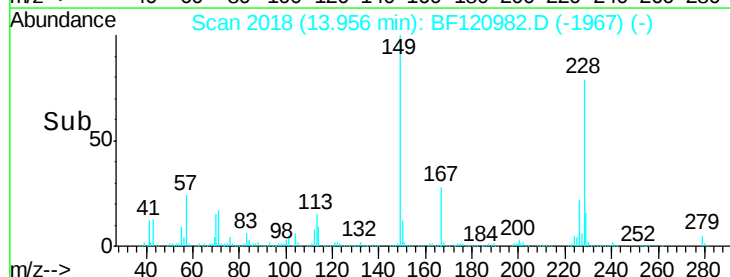
279 4.7 3.0 4.4#

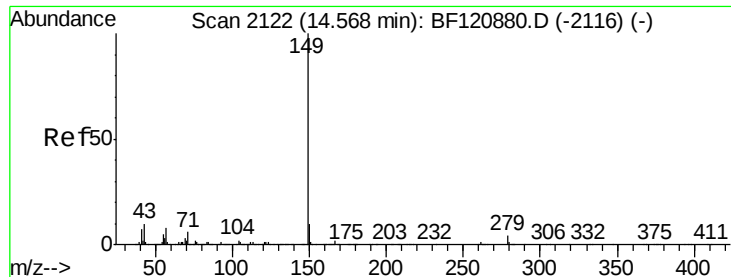


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

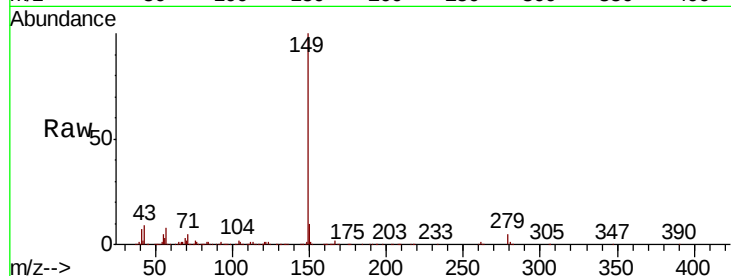




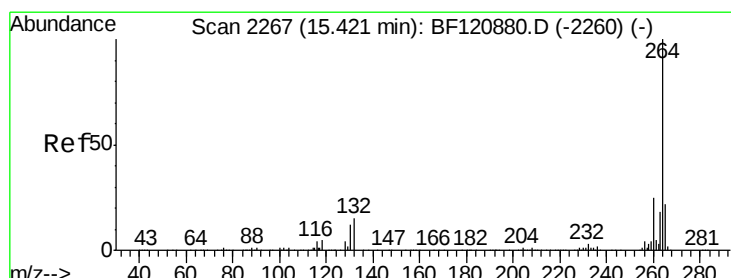
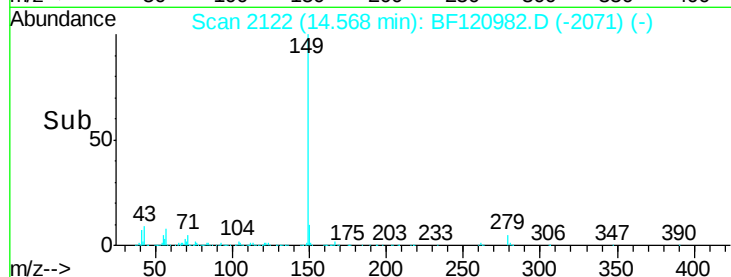
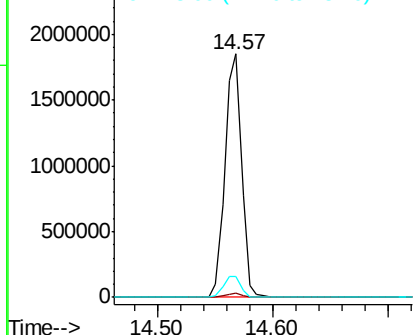
#85  
Di-n-octyl phthalate  
Concen: 40.510 ng  
RT: 14.57 min Scan# 2122  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:149 Resp: 1847059  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.1 7.6 11.4

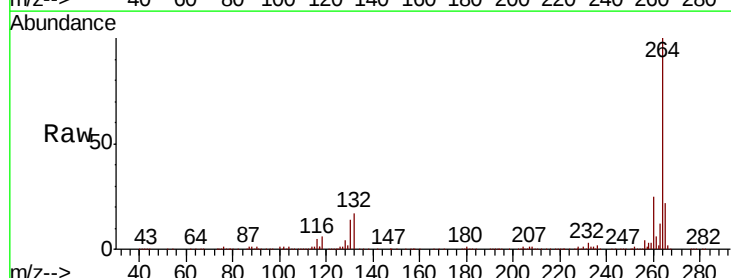


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

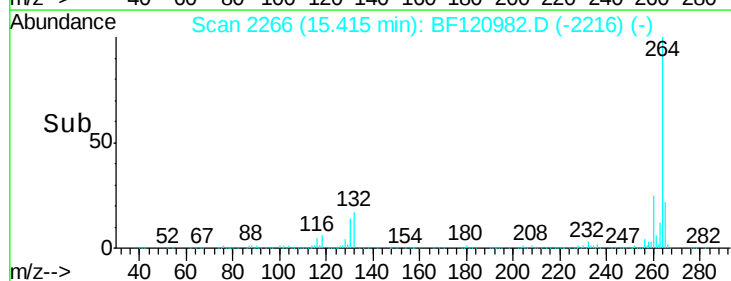
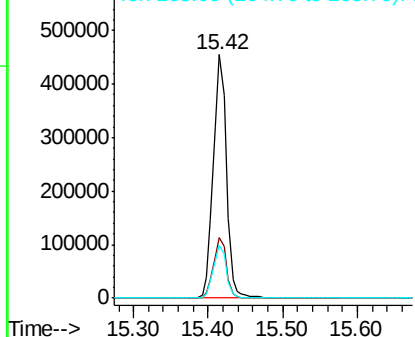


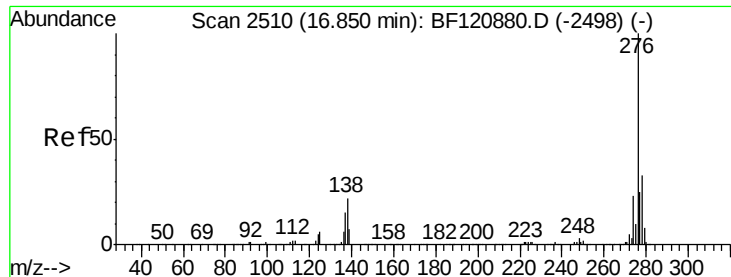
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.42 min Scan# 2266  
Delta R.T. -0.01 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Tgt Ion:264 Resp: 556119  
Ion Ratio Lower Upper  
264 100  
260 24.9 20.0 30.0  
265 21.9 17.4 26.2



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



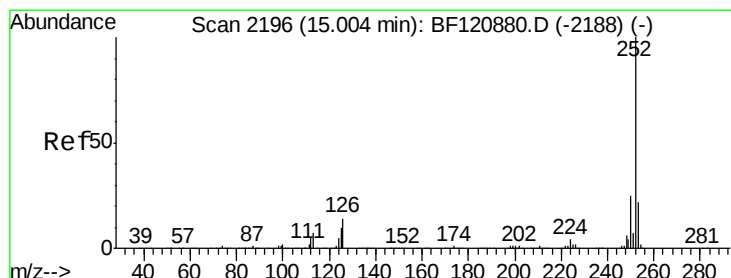
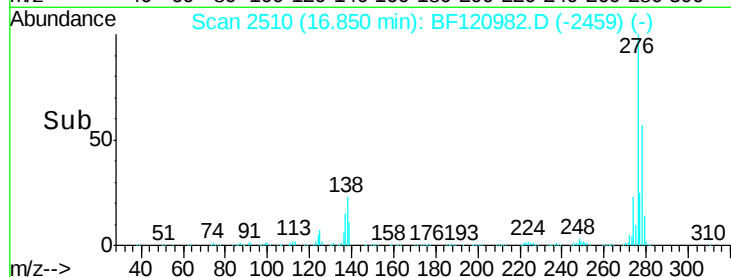
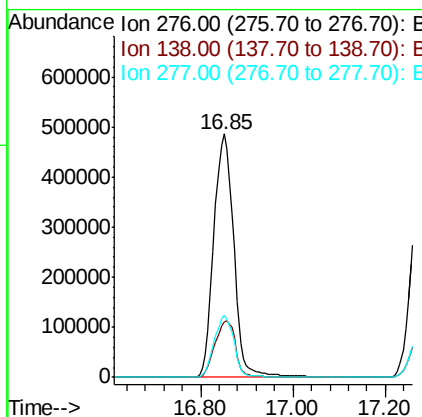
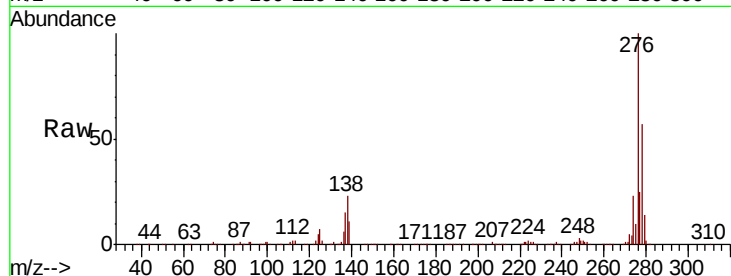


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.158 ng  
 RT: 16.85 min Scan# 2510  
 Delta R.T. -0.00 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:276 Resp: 1475793  

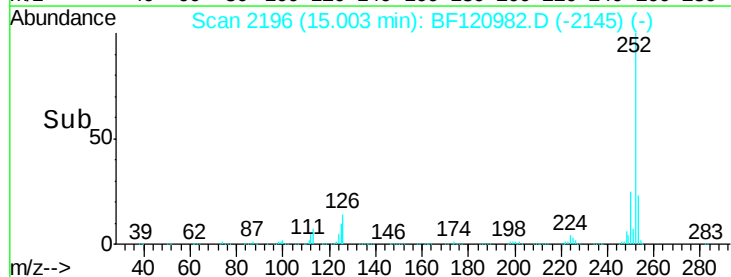
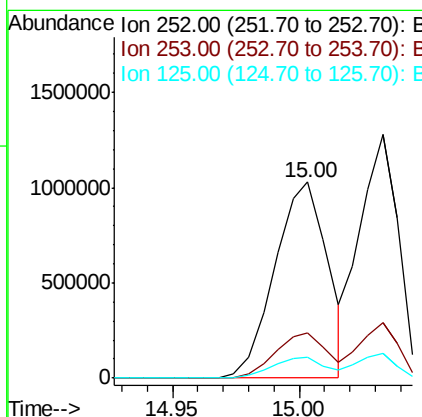
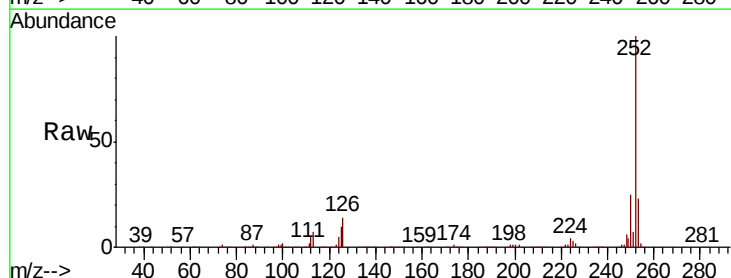
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 24.0  | 19.8  | 29.8  |
| 277 | 25.2  | 20.2  | 30.2  |

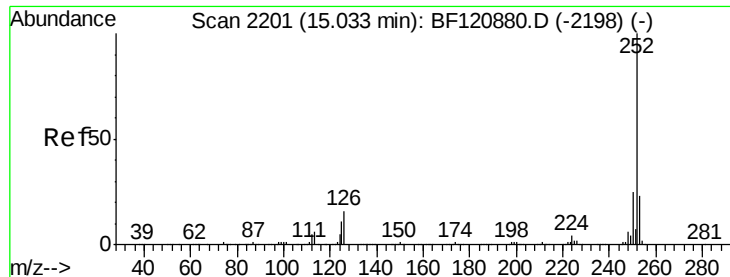


#88  
 Benzo(b)fluoranthene  
 Concen: 44.295 ng  
 RT: 15.00 min Scan# 2196  
 Delta R.T. -0.00 min  
 Lab File: BF120982.D  
 Acq: 23 Jul 2020 15:10

Tgt Ion:252 Resp: 1488998  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.0  | 18.0  | 27.0  |
| 125 | 10.4  | 8.3   | 12.5  |

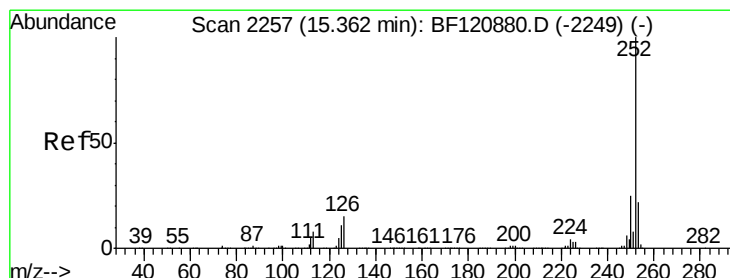
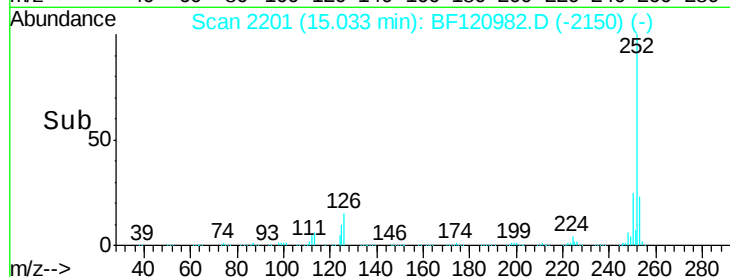
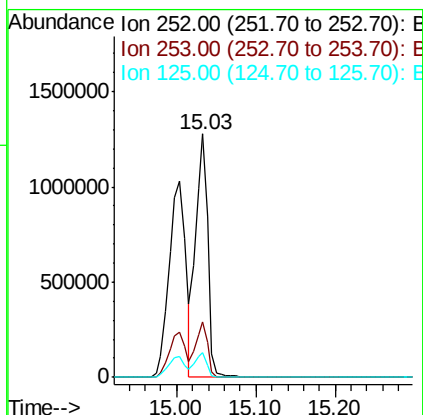
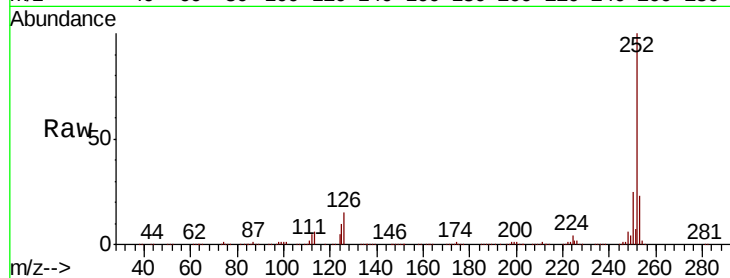




#89  
Benzo(k)fluoranthene  
Concen: 45.007 ng  
RT: 15.03 min Scan# 2201  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

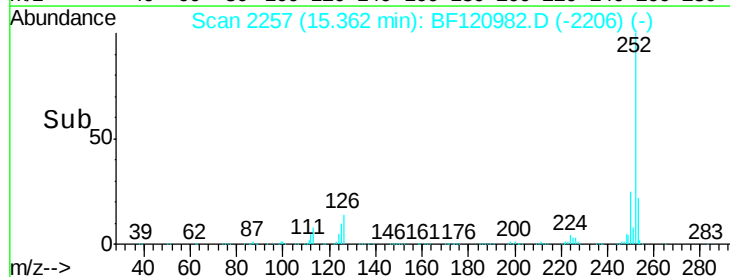
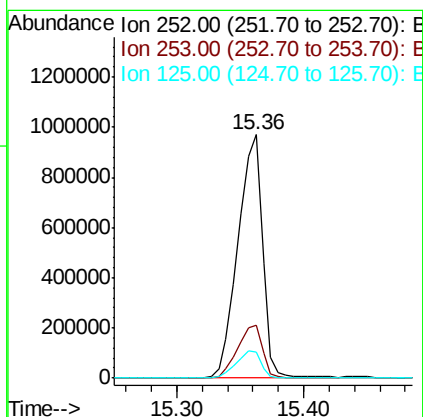
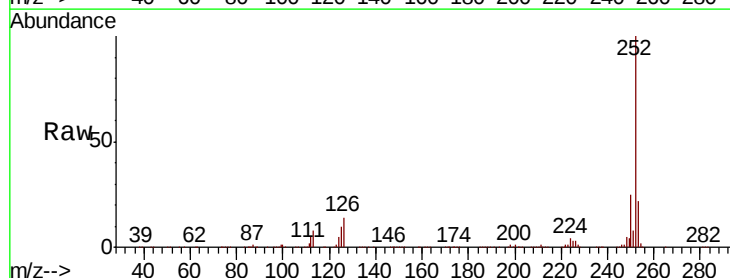
Instrument :  
BNA\_F  
ClientSampleId :

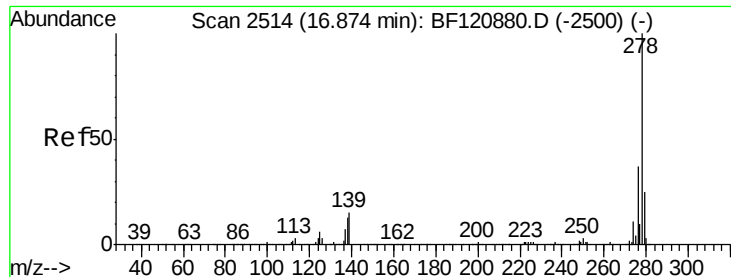
Tot Ion:252 Resp: 1379794  
Ion Ratio Lower Upper  
252 100  
253 22.9 18.2 27.2  
125 10.4 8.4 12.6



#90  
Benzo(a)pyrene  
Concen: 42.529 ng  
RT: 15.36 min Scan# 2257  
Delta R.T. -0.00 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Tgt Ion:252 Resp: 1304349  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.8  
125 10.5 8.9 13.3

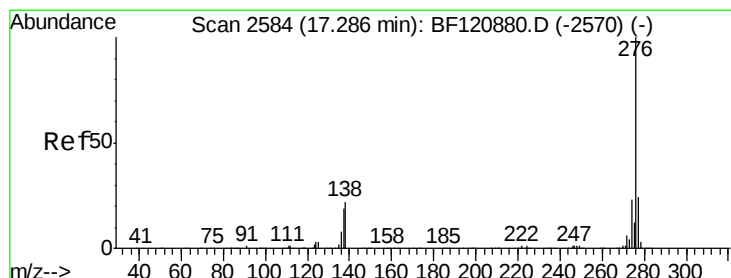
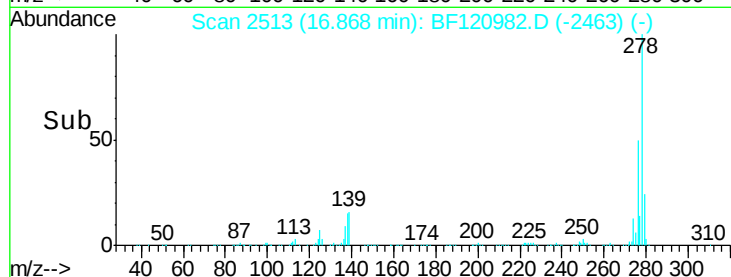
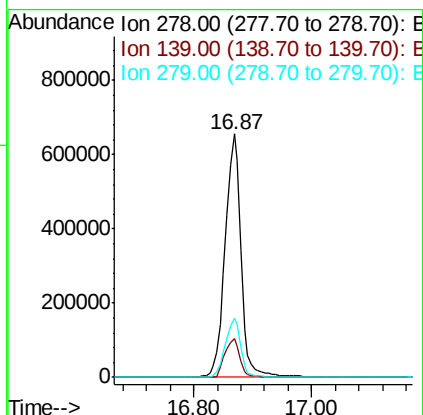
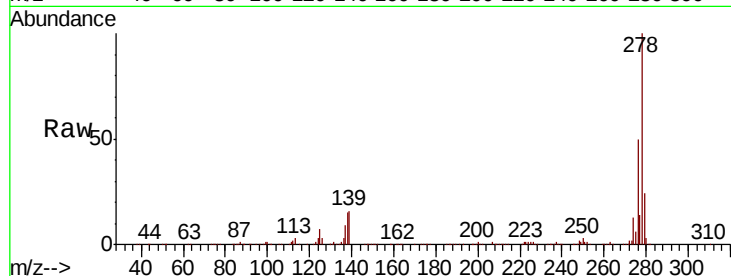




#91  
Dibenzo(a,h)anthracene  
Concen: 39.133 ng  
RT: 16.87 min Scan# 2513  
Delta R.T. -0.01 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:278 Resp: 1236311  
Ion Ratio Lower Upper  
278 100  
139 16.1 12.3 18.5  
279 24.3 20.1 30.1



#92  
Benzo(g,h,i)perylene  
Concen: 37.515 ng  
RT: 17.27 min Scan# 2582  
Delta R.T. -0.01 min  
Lab File: BF120982.D  
Acq: 23 Jul 2020 15:10

Tgt Ion:276 Resp: 1168604  
Ion Ratio Lower Upper  
276 100  
277 23.4 18.8 28.2  
138 21.7 17.5 26.3

