

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\  
 Data File : BF119926.D  
 Acq On : 13 Apr 2020 20:25  
 Operator : MA/SJ  
 Sample : L2225-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 14 00:43:32 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 13 13:37:50 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.74  | 152  | 224117   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.02  | 136  | 887591   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.78  | 164  | 465642   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.27 | 188  | 892284   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.91 | 240  | 624755   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.33 | 264  | 625952   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.35  | 112  | 797139   | 61.47 | ng    | 0.01     |
| 7) Phenol-d6                | 6.37  | 99   | 1012847  | 60.61 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.30  | 82   | 682863   | 39.80 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.57 | 330  | 304448   | 53.40 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.10  | 172  | 1403592  | 42.80 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.86 | 244  | 1870783  | 50.39 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.49 | 88   | 234283   | 40.561 | ng    | 95     |
| 3) Pyridine                    | 3.19 | 79   | 632119   | 39.887 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.15 | 42   | 348140   | 42.996 | ng    | 96     |
| 6) Aniline                     | 6.40 | 93   | 666530   | 30.390 | ng    | 98     |
| 8) 2-Chlorophenol              | 6.52 | 128  | 688528   | 47.518 | ng    | 96     |
| 9) Benzaldehyde                | 6.28 | 77   | 326105   | 34.143 | ng    | 96     |
| 10) Phenol                     | 6.39 | 94   | 877117   | 46.267 | ng    | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.47 | 93   | 646148   | 44.143 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 6.68 | 146  | 686569   | 43.280 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 6.76 | 146  | 694937   | 43.005 | ng    | 97     |
| 14) 1,2-Dichlorobenzene        | 6.91 | 146  | 660772   | 44.370 | ng    | 98     |
| 15) Benzyl Alcohol             | 6.89 | 79   | 563306   | 43.401 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45   | 1141826  | 40.087 | ng    | 98     |
| 17) 2-Methylphenol             | 7.00 | 107  | 555056   | 42.924 | ng    | 99     |
| 18) Hexachloroethane           | 7.25 | 117  | 266635   | 44.151 | ng    | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.16 | 70   | 463268   | 43.112 | ng    | 96     |
| 20) 3+4-Methylphenols          | 7.15 | 107  | 667313   | 42.195 | ng    | 94     |
| 22) Acetophenone               | 7.15 | 105  | 885961   | 42.626 | ng    | 99     |
| 24) Nitrobenzene               | 7.32 | 77   | 718863   | 41.651 | ng    | 100    |
| 25) Isophorone                 | 7.57 | 82   | 1329027  | 40.184 | ng    | 99     |
| 26) 2-Nitrophenol              | 7.64 | 139  | 374906   | 43.479 | ng    | 97     |
| 27) 2,4-Dimethylphenol         | 7.69 | 122  | 583327   | 44.855 | ng    | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.78 | 93   | 826897   | 42.488 | ng    | 100    |
| 29) 2,4-Dichlorophenol         | 7.89 | 162  | 572685   | 42.962 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.97 | 180  | 614267   | 40.669 | ng    | 99     |
| 31) Naphthalene                | 8.05 | 128  | 1956487  | 41.896 | ng    | 99     |
| 32) Benzoic acid               | 7.83 | 122  | 470290   | 41.176 | ng    | 95     |
| 33) 4-Chloroaniline            | 8.09 | 127  | 285938   | 14.065 | ng    | 98     |
| 34) Hexachlorobutadiene        | 8.16 | 225  | 351341   | 38.859 | ng    | 99     |
| 35) Caprolactam                | 8.47 | 113  | 98235    | 24.091 | ng    | 93     |
| 36) 4-Chloro-3-methylphenol    | 8.59 | 107  | 625129   | 43.315 | ng    | 95     |
| 37) 2-Methylnaphthalene        | 8.74 | 142  | 1310863  | 41.404 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 8.84 | 142  | 1250973  | 41.921 | ng    | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.91 | 216  | 572951   | 38.958 | ng    | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\  
 Data File : BF119926.D  
 Acq On : 13 Apr 2020 20:25  
 Operator : MA/SJ  
 Sample : L2225-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

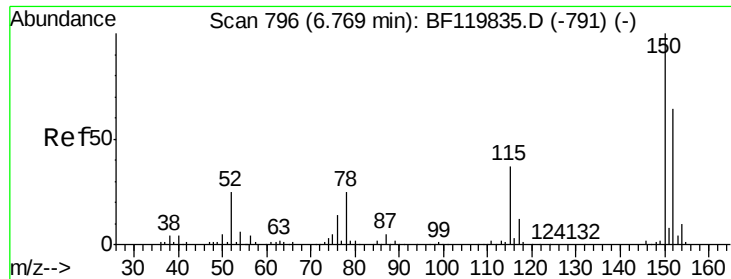
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 14 00:43:32 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 13 13:37:50 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.89  | 237  | 683027   | 81.673 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.02  | 196  | 427930   | 42.136 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.06  | 196  | 441477   | 38.596 | ng    | 94       |
| 46) 1,1'-Biphenyl              | 9.20  | 154  | 1555064  | 39.566 | ng    | 97       |
| 47) 2-Chloronaphthalene        | 9.23  | 162  | 1235591  | 40.810 | ng    | 97       |
| 48) 2-Nitroaniline             | 9.33  | 65   | 439466   | 40.054 | ng    | 96       |
| 49) Acenaphthylene             | 9.65  | 152  | 1917616  | 41.646 | ng    | 99       |
| 50) Dimethylphthalate          | 9.52  | 163  | 1555863  | 43.198 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.57  | 165  | 333342   | 42.264 | ng    | # 82     |
| 52) Acenaphthene               | 9.82  | 154  | 1174959  | 38.253 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.74  | 138  | 182175   | 20.224 | ng    | 91       |
| 54) 2,4-Dinitrophenol          | 9.85  | 184  | 384098   | 81.342 | ng    | 98       |
| 55) Dibenzofuran               | 9.99  | 168  | 1761443  | 41.791 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.92  | 139  | 572908   | 85.480 | ng    | 86       |
| 57) 2,4-Dinitrotoluene         | 9.98  | 165  | 435262   | 41.887 | ng    | 98       |
| 58) Fluorene                   | 10.33 | 166  | 1333610  | 39.563 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.11 | 232  | 375651   | 42.940 | ng    | 98       |
| 60) Diethylphthalate           | 10.21 | 149  | 1487504  | 39.849 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.33 | 204  | 635038   | 36.756 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.36 | 138  | 358003   | 41.704 | ng    | 99       |
| 63) Azobenzene                 | 10.49 | 77   | 1389461  | 41.534 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.39 | 198  | 250316   | 42.582 | ng    | 90       |
| 66) n-Nitrosodiphenylamine     | 10.45 | 169  | 1232976  | 41.550 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.82 | 248  | 432055   | 38.936 | ng    | 96       |
| 68) Hexachlorobenzene          | 10.88 | 284  | 465012   | 41.309 | ng    | 97       |
| 69) Atrazine                   | 10.98 | 200  | 386443   | 46.805 | ng    | 98       |
| 70) Pentachlorophenol          | 11.07 | 266  | 509994   | 78.616 | ng    | 98       |
| 71) Phenanthrene               | 11.29 | 178  | 1943793  | 40.932 | ng    | 98       |
| 72) Anthracene                 | 11.35 | 178  | 1995570  | 41.136 | ng    | 99       |
| 73) Carbazole                  | 11.50 | 167  | 1839842  | 40.104 | ng    | 98       |
| 74) Di-n-butylphthalate        | 11.84 | 149  | 2286579  | 37.914 | ng    | 99       |
| 75) Fluoranthene               | 12.48 | 202  | 2124639  | 41.465 | ng    | 99       |
| 77) Benzidine                  | 12.60 | 184  | 1056183  | 50.012 | ng    | 97       |
| 78) Pyrene                     | 12.71 | 202  | 2120584  | 40.263 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.33 | 149  | 983525   | 38.485 | ng    | 100      |
| 81) Benzo(a)anthracene         | 13.90 | 228  | 1693631  | 41.207 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.86 | 252  | 369322   | 24.083 | ng    | 98       |
| 83) Chrysene                   | 13.94 | 228  | 1779889  | 42.620 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.90 | 149  | 1246497  | 36.017 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.51 | 149  | 2313235  | 39.256 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.73 | 276  | 1593674  | 43.292 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 14.93 | 252  | 1780209  | 39.534 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 14.96 | 252  | 1720317  | 44.278 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.28 | 252  | 1546277  | 40.841 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.75 | 278  | 1328684  | 39.619 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.16 | 276  | 1299397  | 39.252 | ng    | 97       |

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



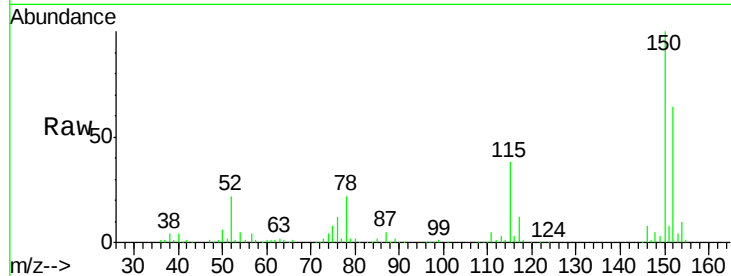


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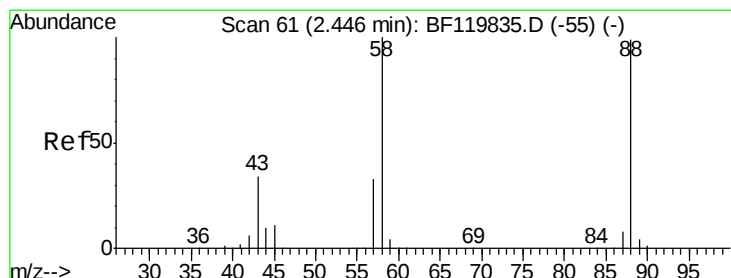
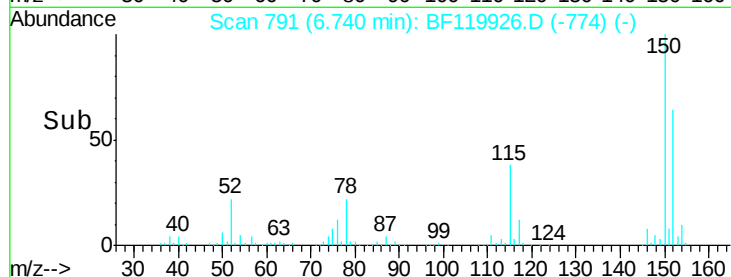
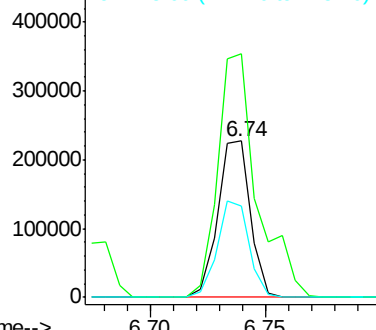
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.74 min Scan# 791  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 224117  
Ion Ratio Lower Upper  
152 100  
150 155.8 124.8 187.2  
115 58.7 46.5 69.7



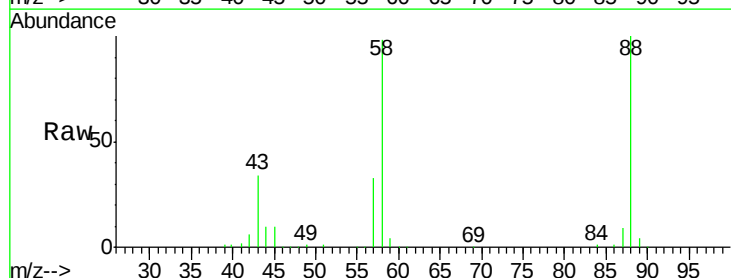
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



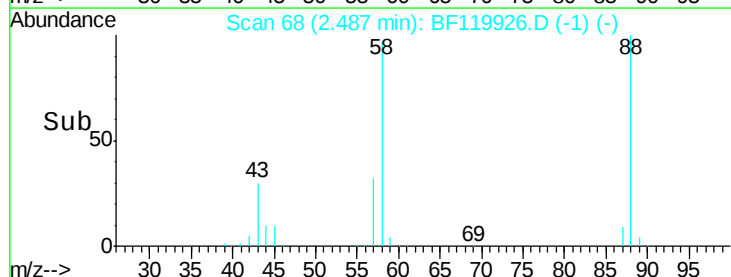
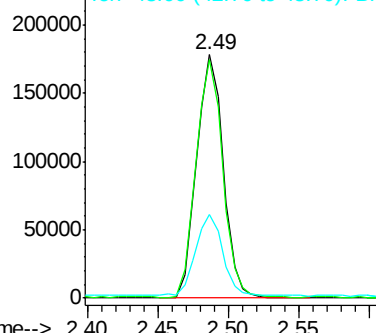
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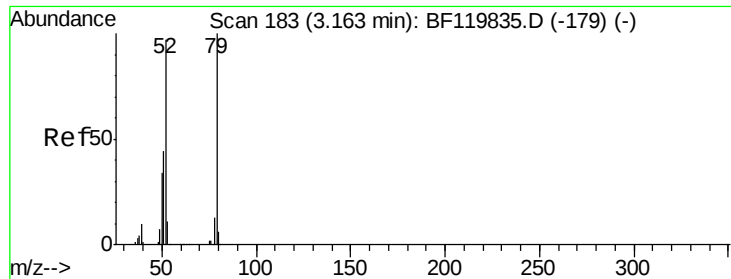
1,4-Dioxane  
Concen: 40.561 ng  
RT: 2.49 min Scan# 68  
Delta R.T. 0.10 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Tgt Ion: 88 Resp: 234283  
Ion Ratio Lower Upper  
88 100  
58 97.4 82.6 123.8  
43 33.5 28.6 42.8



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





#3

Pvridine

Concen: 39.887 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.10 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampleId :

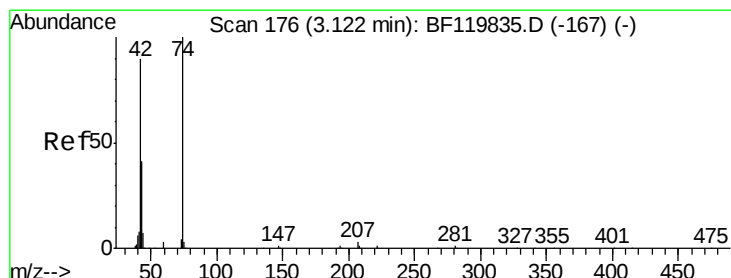
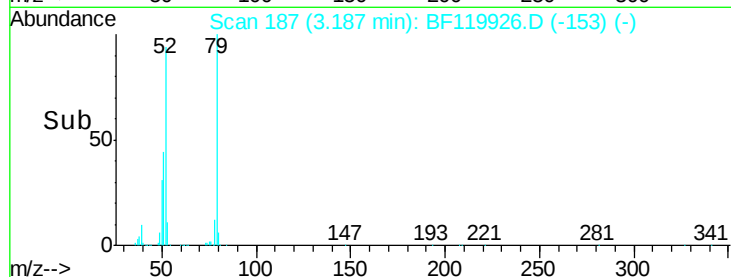
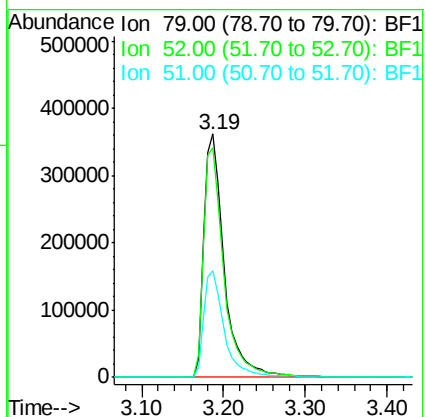
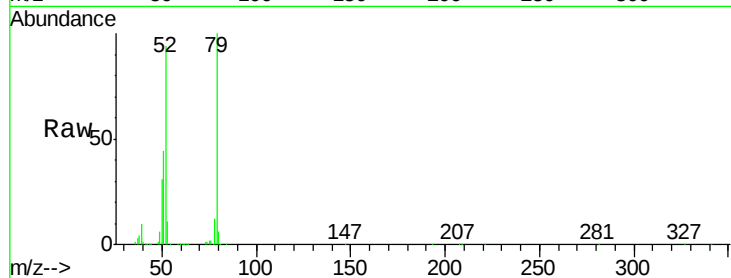
Tot Ion: 79 Resp: 632119

Ion Ratio Lower Upper

79 100

52 94.2 77.4 116.0

51 44.0 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 42.996 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.10 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

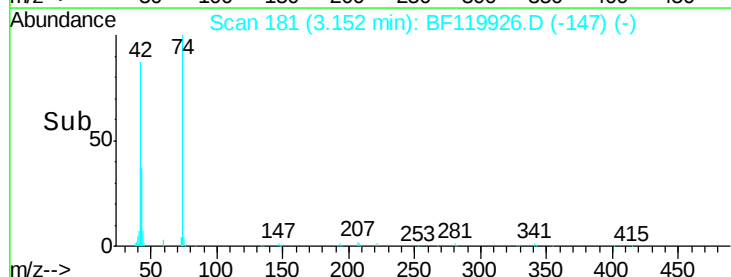
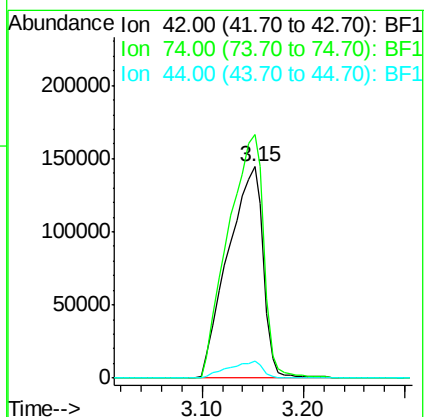
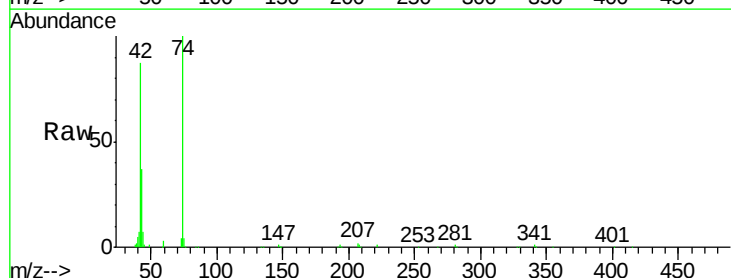
Tgt Ion: 42 Resp: 348140

Ion Ratio Lower Upper

42 100

74 115.2 89.0 133.4

44 7.8 6.2 9.4





#5

2-Fluorophenol

Concen: 61.468 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampled :

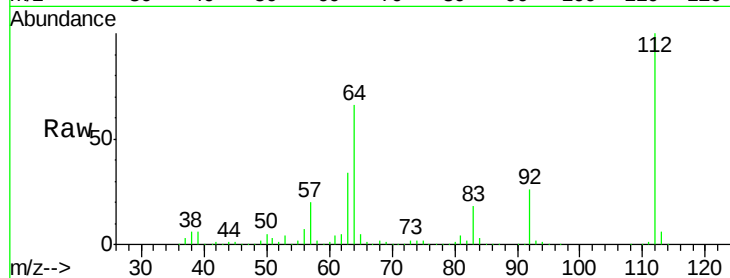
Tot Ion: 112 Resp: 797139

Ion Ratio Lower Upper

112 100

64 66.4 55.5 83.3

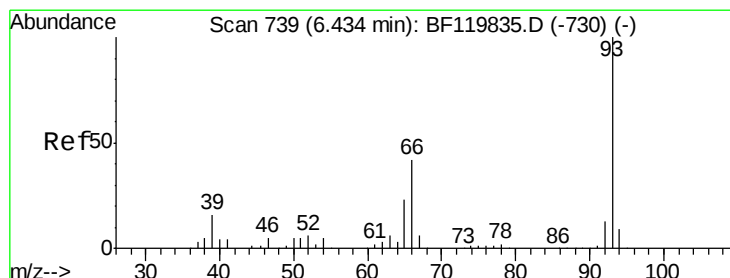
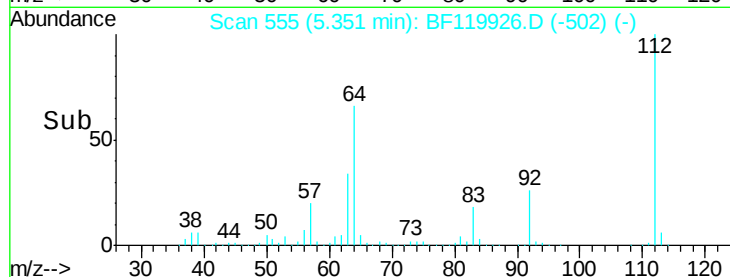
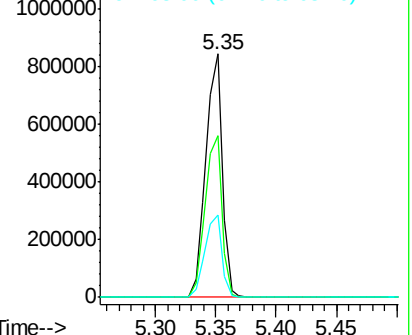
63 33.9 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.390 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

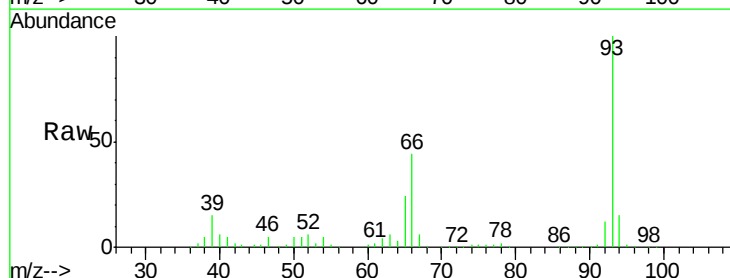
Tgt Ion: 93 Resp: 666530

Ion Ratio Lower Upper

93 100

66 44.2 34.2 51.2

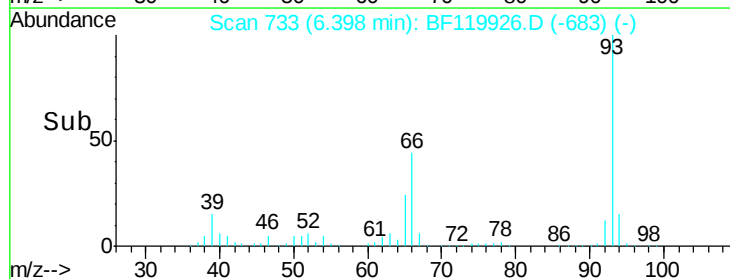
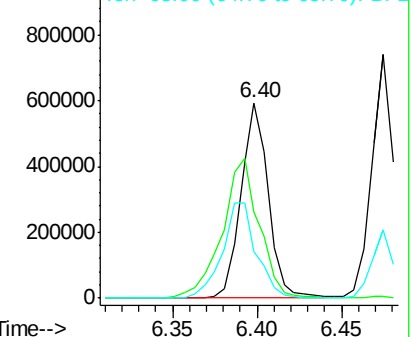
65 23.8 18.3 27.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 60.612 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampled :

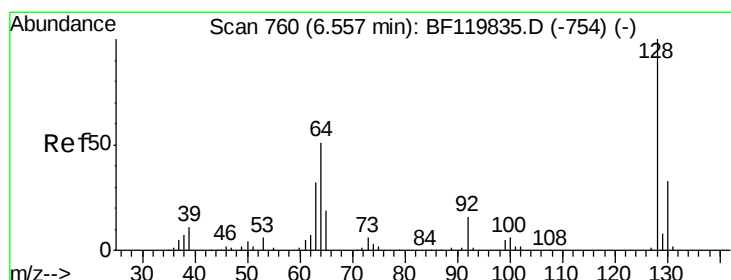
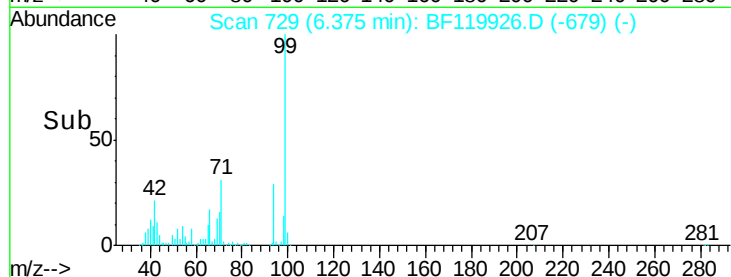
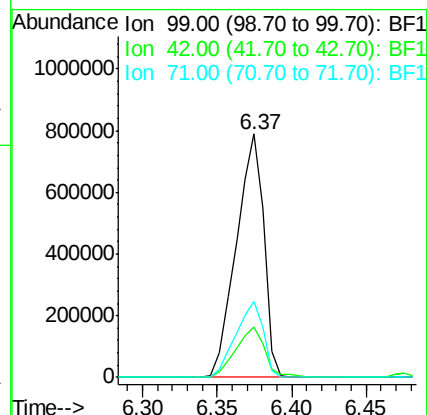
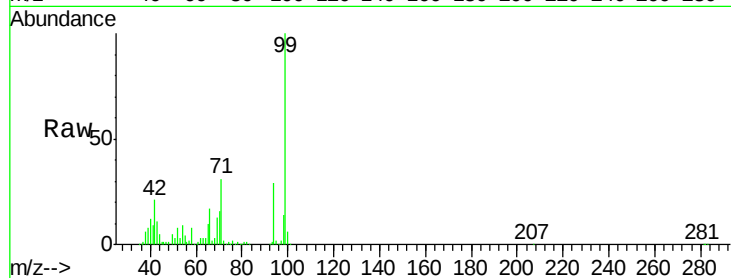
Tot Ion: 99 Resp: 1012847

Ion Ratio Lower Upper

99 100

42 20.6 16.9 25.3

71 31.3 26.3 39.5



#8

2-Chlorophenol

Concen: 47.518 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

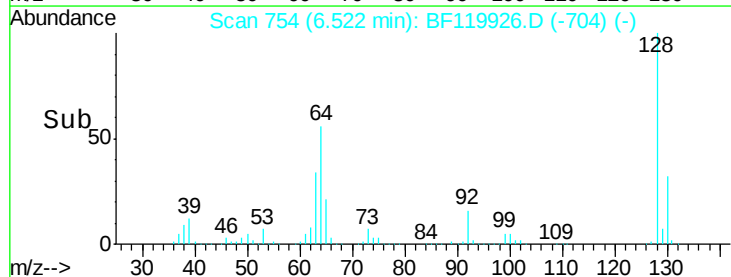
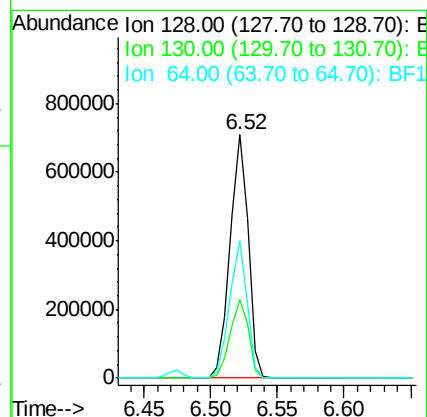
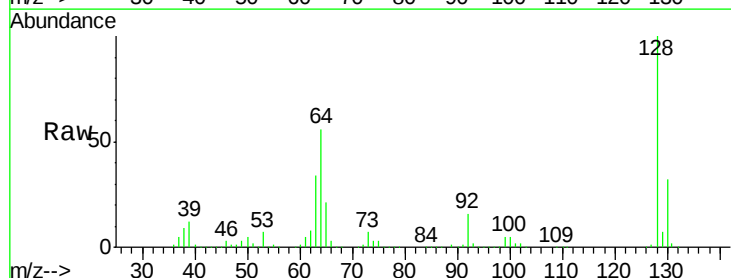
Tgt Ion: 128 Resp: 688528

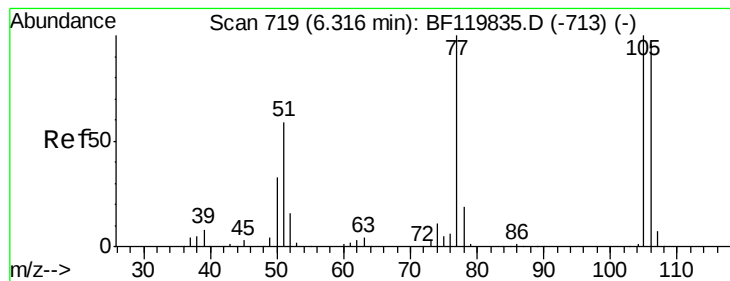
Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

64 56.5 32.0 72.0





#9

Benzaldehyde

Concen: 34.143 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampled :

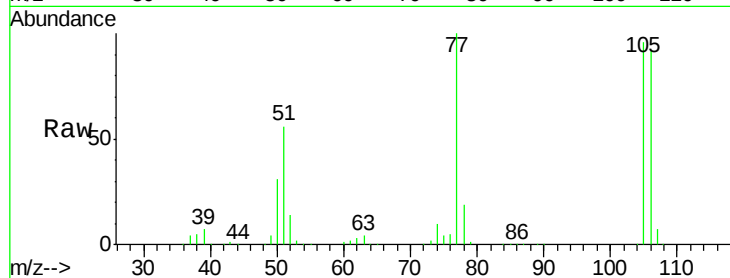
Tot Ion: 77 Resp: 326105

Ion Ratio Lower Upper

77 100

105 96.3 79.9 119.9

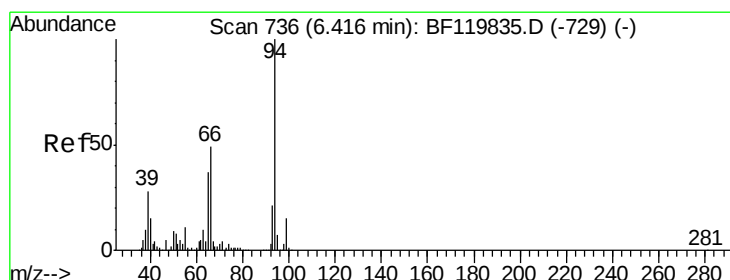
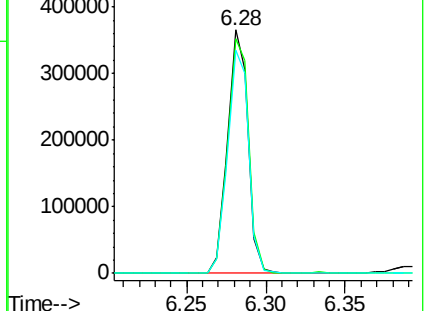
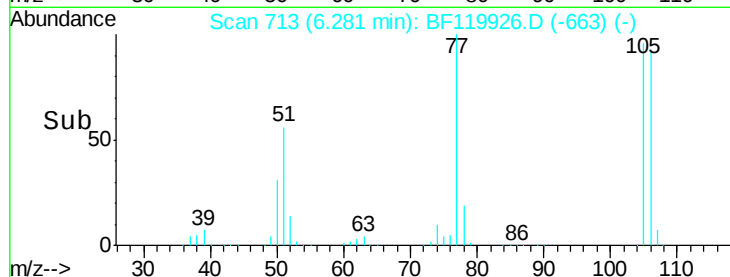
106 91.9 76.4 116.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.267 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

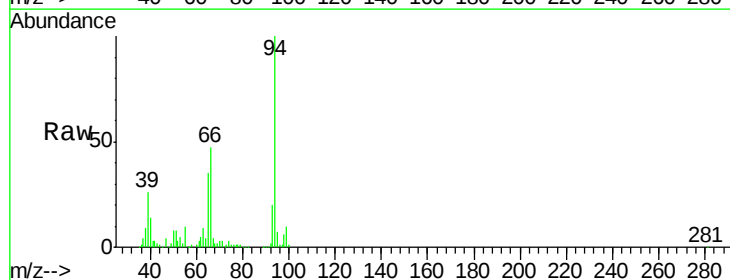
Tgt Ion: 94 Resp: 877117

Ion Ratio Lower Upper

94 100

65 34.9 16.6 56.6

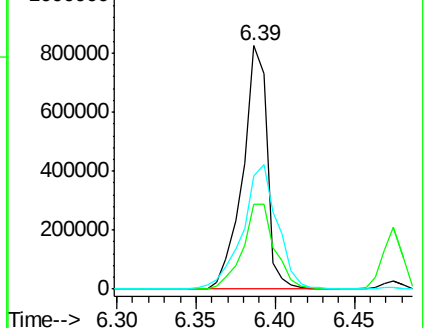
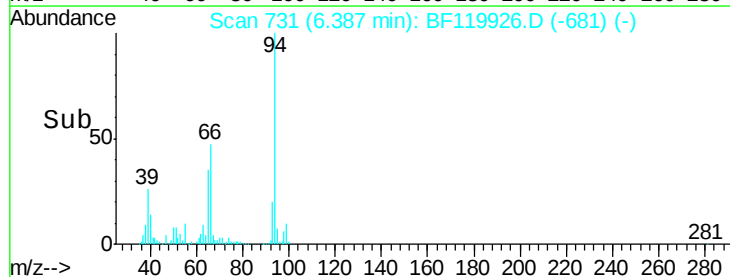
66 46.5 29.3 69.3

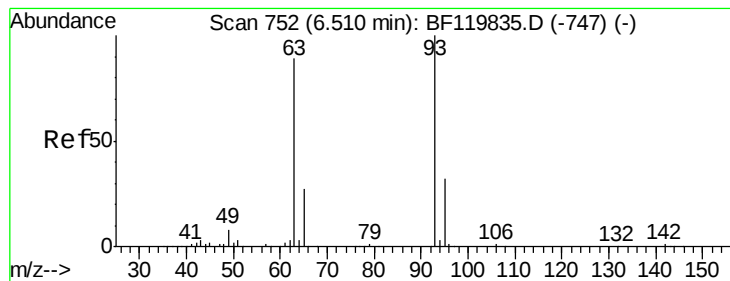


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.143 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampleId :

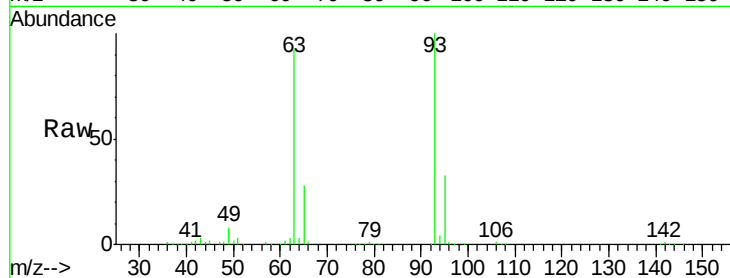
Tot Ion: 93 Resp: 646148

Ion Ratio Lower Upper

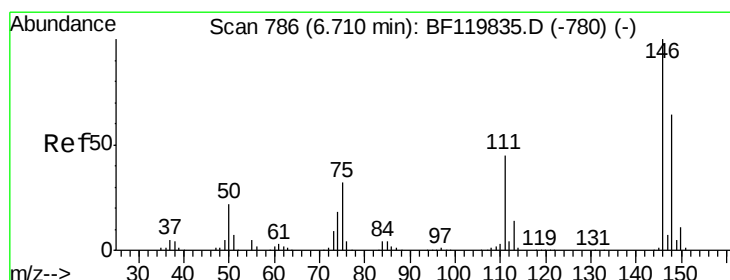
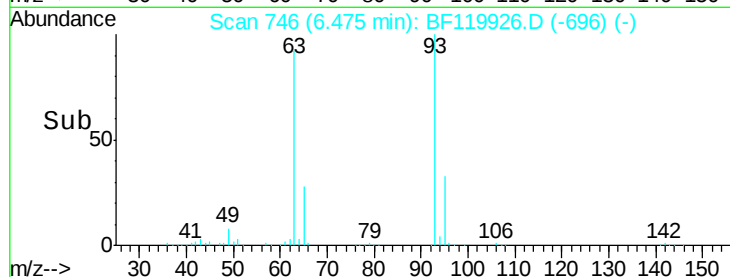
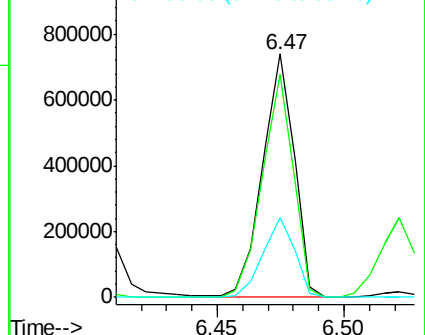
93 100

63 91.6 69.1 109.1

95 32.5 12.3 52.3



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



#12

1,3-Dichlorobenzene

Concen: 43.280 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

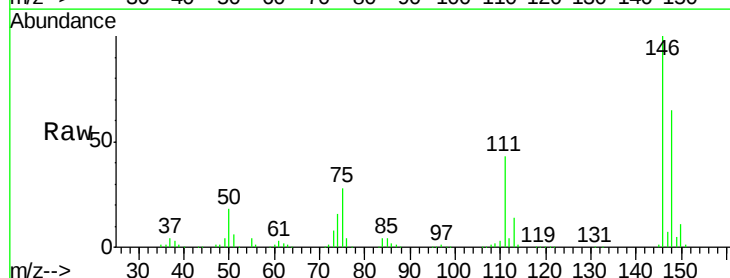
Tgt Ion: 146 Resp: 686569

Ion Ratio Lower Upper

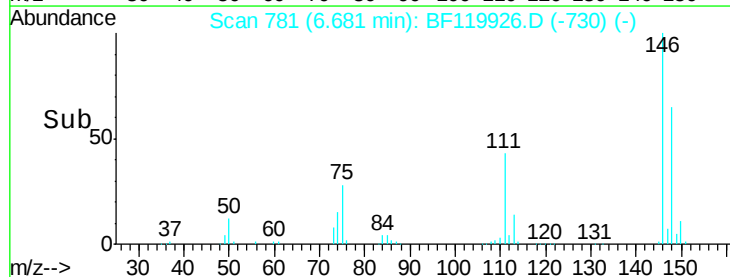
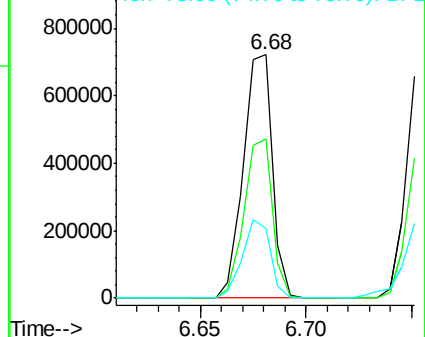
146 100

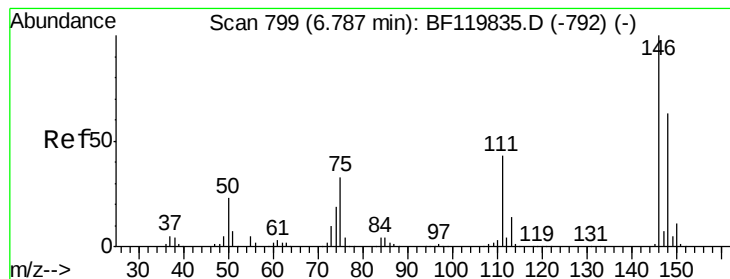
148 65.5 51.3 76.9

75 28.3 25.3 37.9



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





#13

1,4-Dichlorobenzene

Concen: 43.005 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampleId :

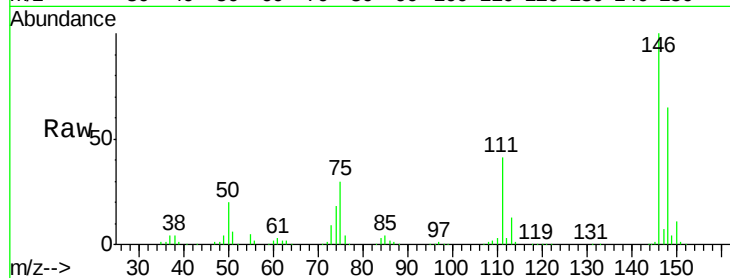
Tot Ion:146 Resp: 694937

Ion Ratio Lower Upper

146 100

148 65.2 50.5 75.7

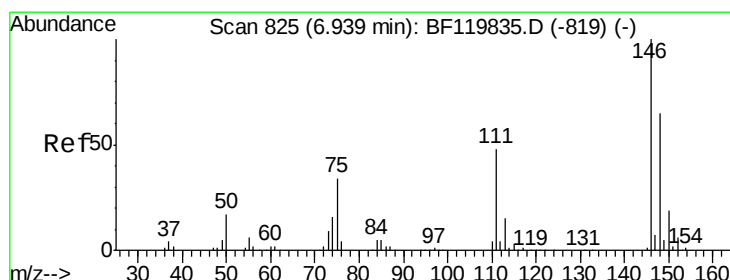
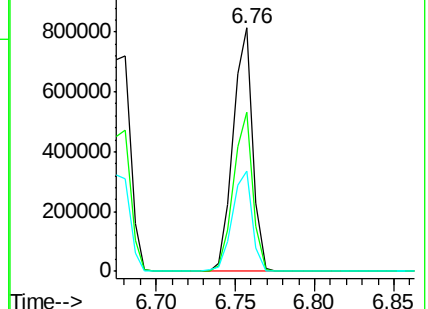
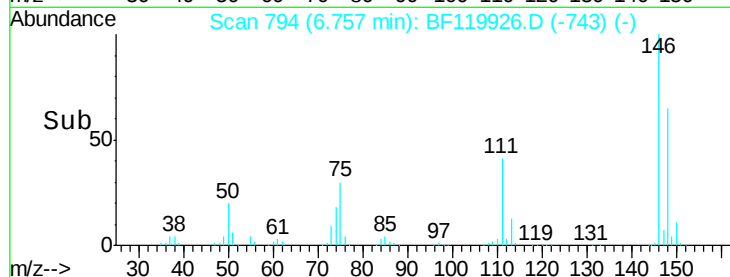
111 41.3 34.7 52.1



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: 44.370 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

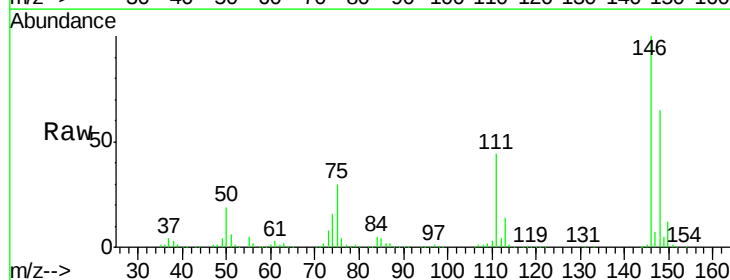
Tgt Ion:146 Resp: 660772

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

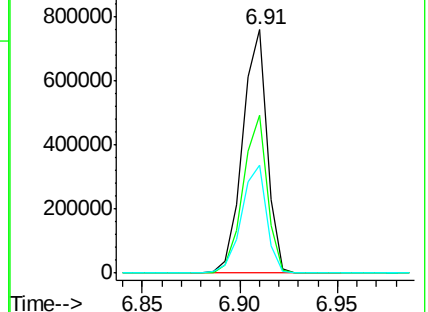
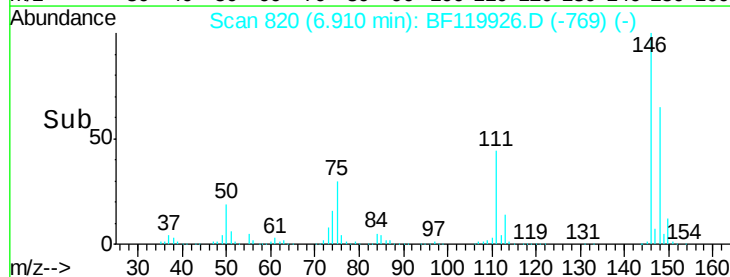
111 44.3 38.0 57.0

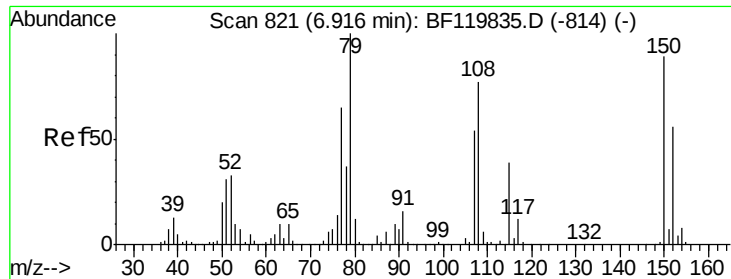


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

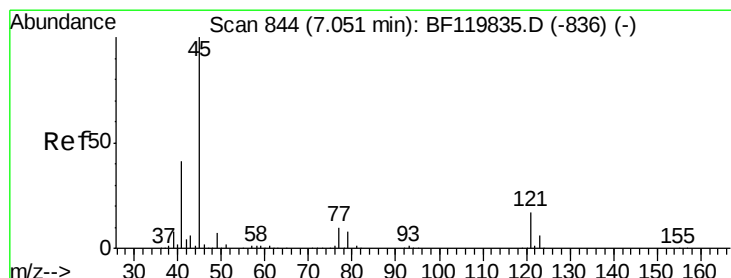
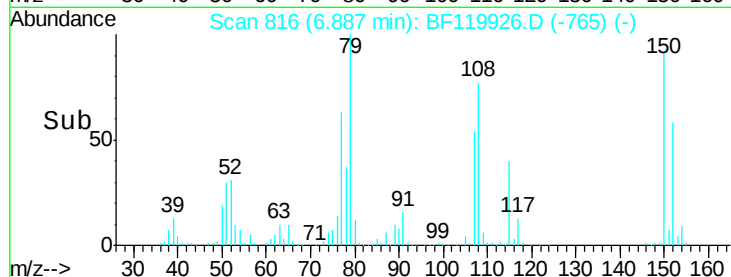
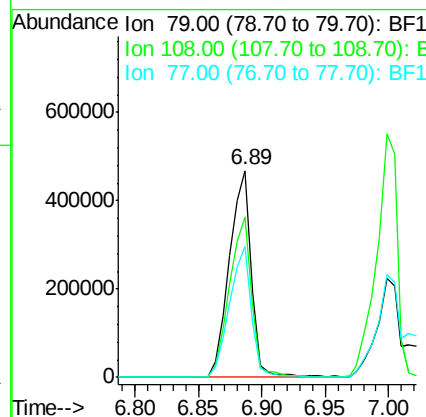
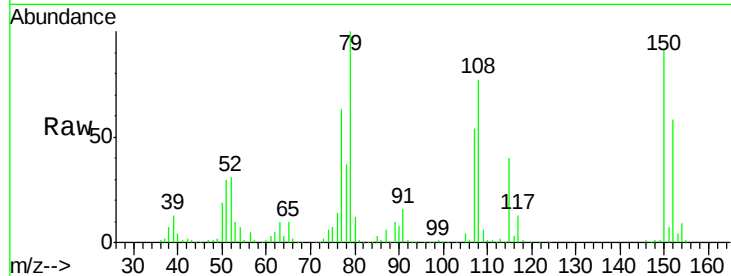




#15  
Benzyl Alcohol  
Concen: 43.401 ng  
RT: 6.89 min Scan# 816  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

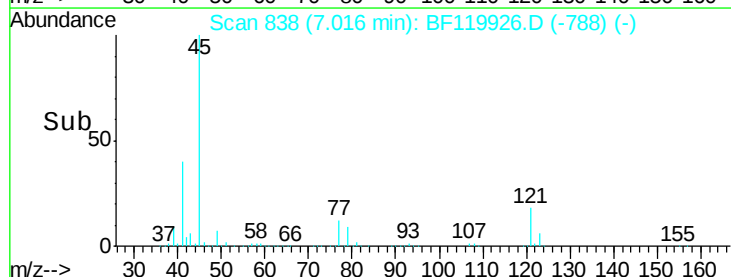
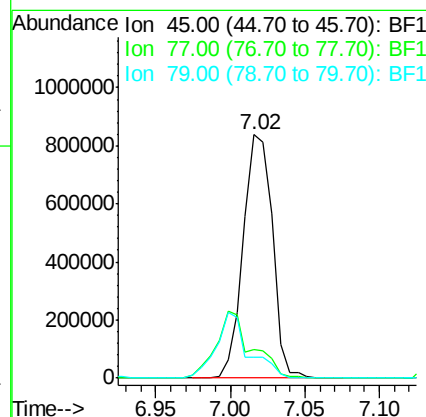
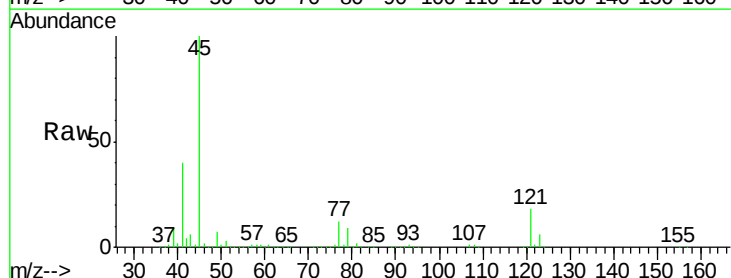
Instrument :  
BNA\_F  
ClientSampled :

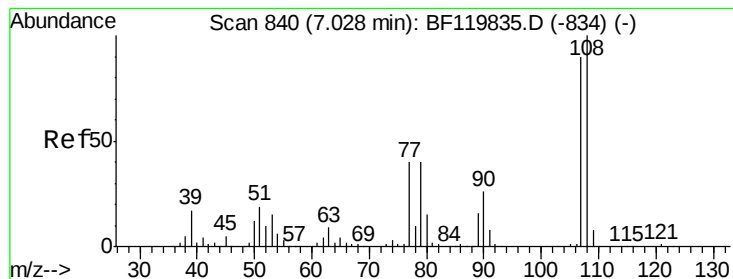
Tot Ion: 79 Resp: 563306  
Ion Ratio Lower Upper  
79 100  
108 77.3 62.0 93.0  
77 63.0 51.8 77.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.087 ng  
RT: 7.02 min Scan# 838  
Delta R.T. -0.01 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Tgt Ion: 45 Resp: 1141826  
Ion Ratio Lower Upper  
45 100  
77 11.9 0.0 30.7  
79 8.6 0.0 28.6

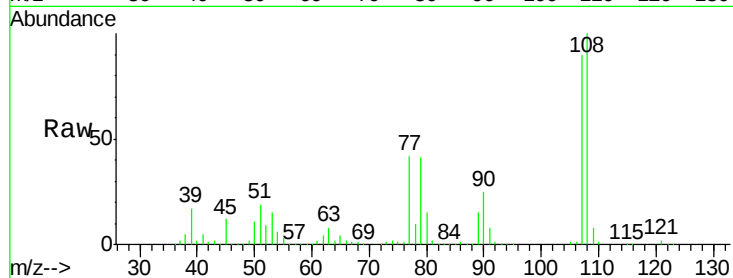




#17  
2-Methylphenol  
Concen: 42.924 ng  
RT: 7.00 min Scan# 835  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 110.9 | 88.8  | 133.2 |
| 77      | 46.8  | 36.0  | 54.0  |
| 79      | 45.3  | 35.7  | 53.5  |



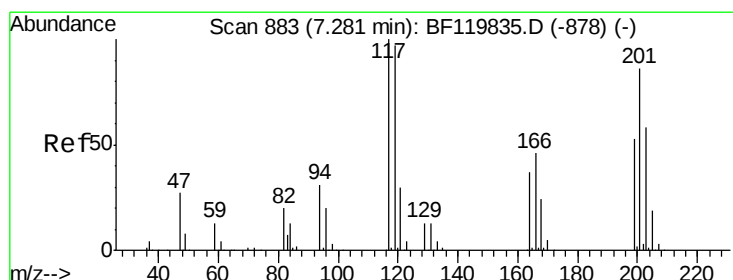
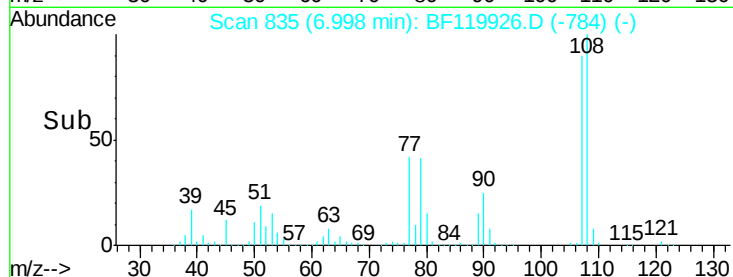
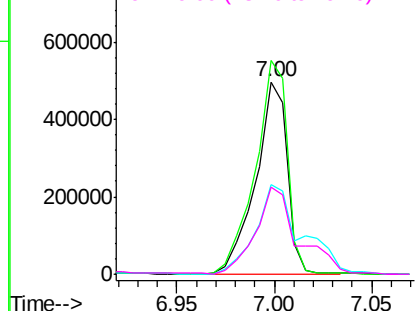
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

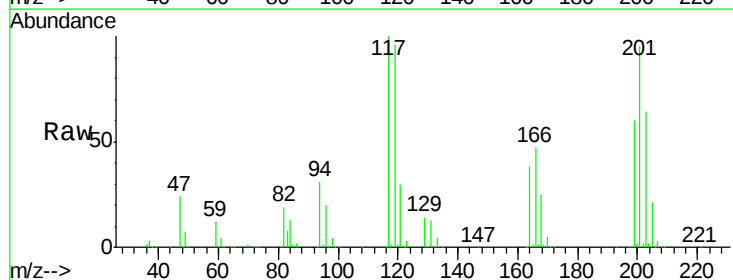
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 44.151 ng  
RT: 7.25 min Scan# 878  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.6  | 77.4  | 116.0 |
| 201     | 95.1  | 68.4  | 102.6 |

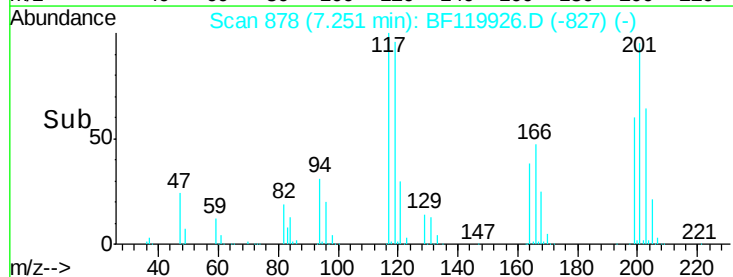
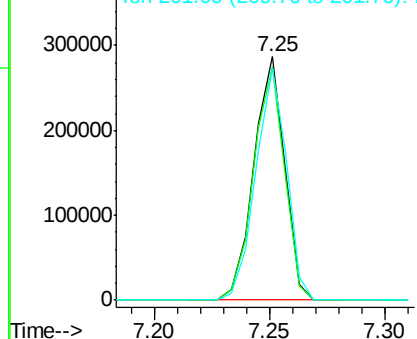


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

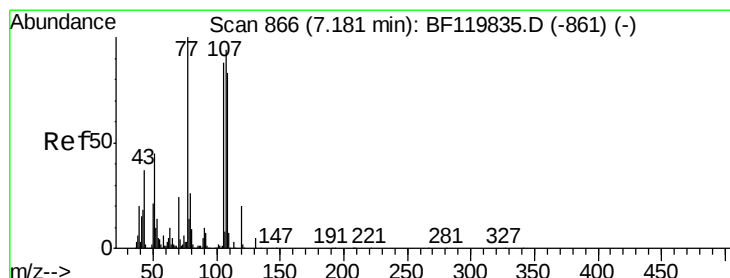
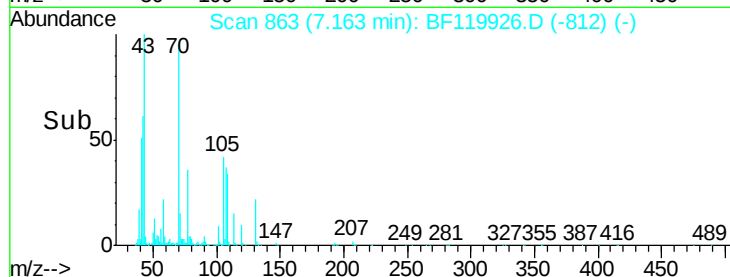
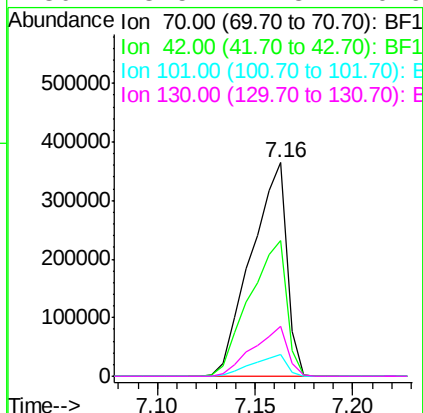
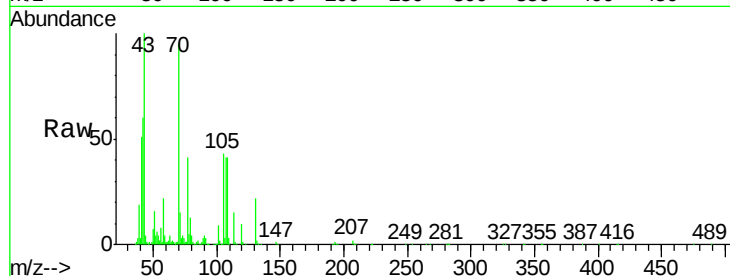




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.112 ng  
RT: 7.16 min Scan# 863  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

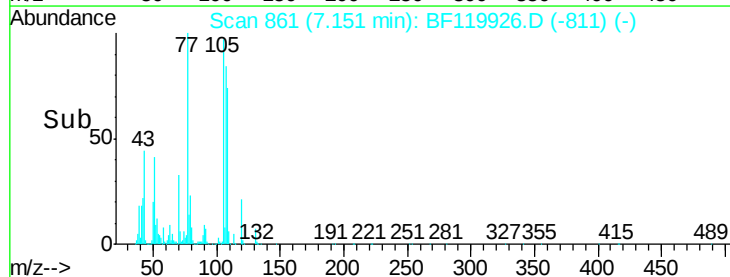
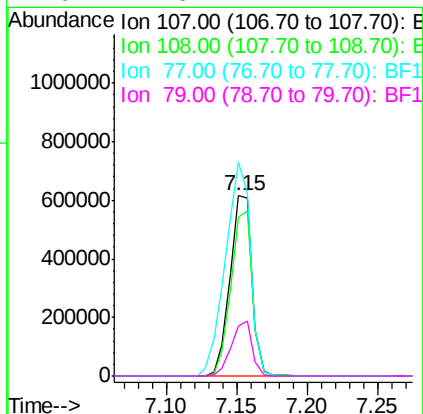
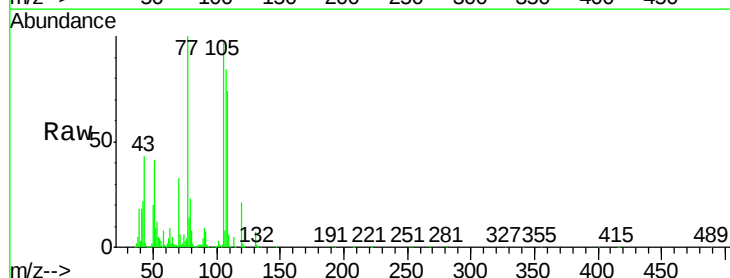
Instrument :  
BNA\_F  
ClientSampled :

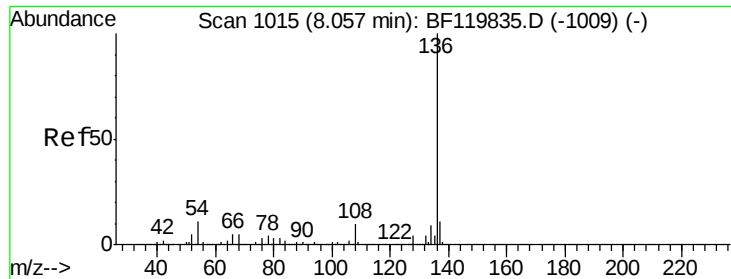
Tot Ion: 70 Resp: 463268  
Ion Ratio Lower Upper  
70 100  
42 63.6 54.2 81.4  
101 9.9 7.4 11.2  
130 23.5 17.8 26.6



#20  
3+4-Methylphenols  
Concen: 42.195 ng  
RT: 7.15 min Scan# 861  
Delta R.T. -0.01 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Tgt Ion:107 Resp: 667313  
Ion Ratio Lower Upper  
107 100  
108 88.4 68.2 108.2  
77 118.7 86.6 126.6  
79 27.6 7.7 47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 887591

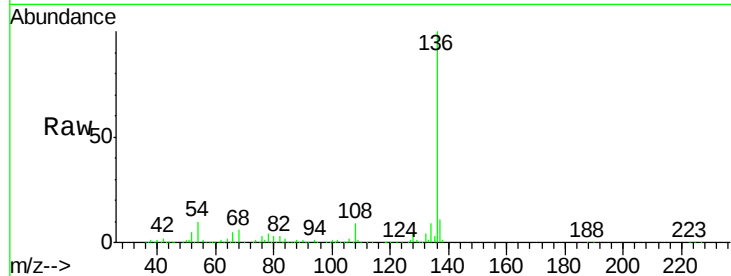
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.5 8.5 12.7

68 5.8 3.9 5.9

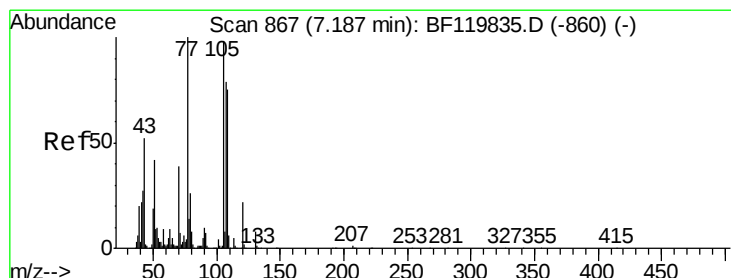
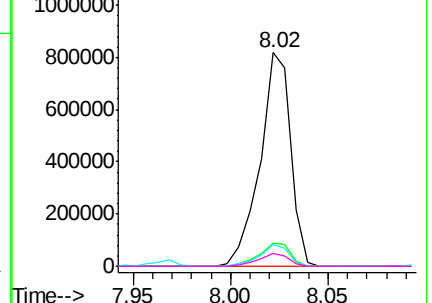
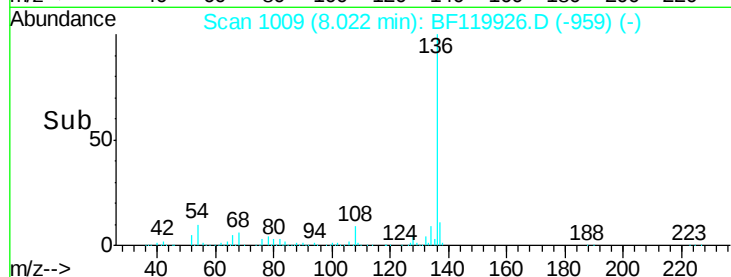


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.626 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Tgt Ion:105 Resp: 885961

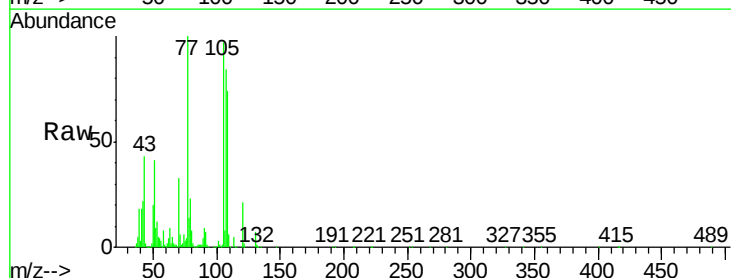
Ion Ratio Lower Upper

105 100

71 5.7 5.6 8.4

51 42.6 33.9 50.9

120 22.0 17.8 26.8

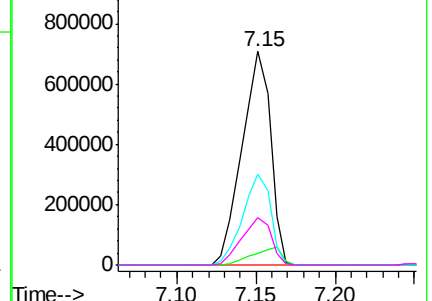
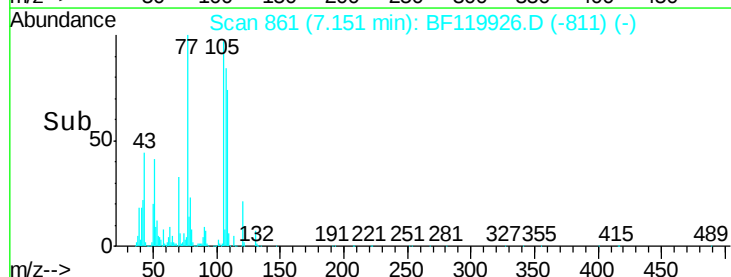


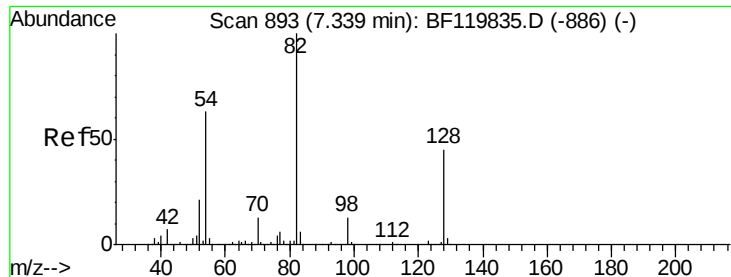
Abundance Ion 105.00 (104.70 to 105.70): E

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

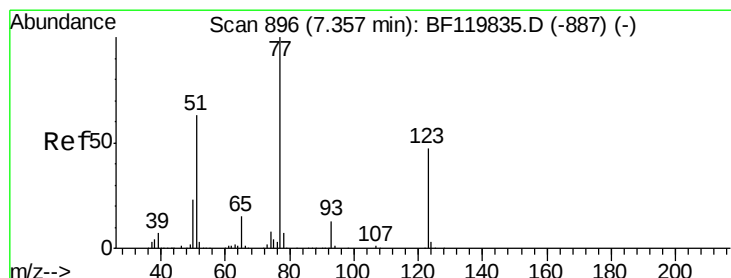
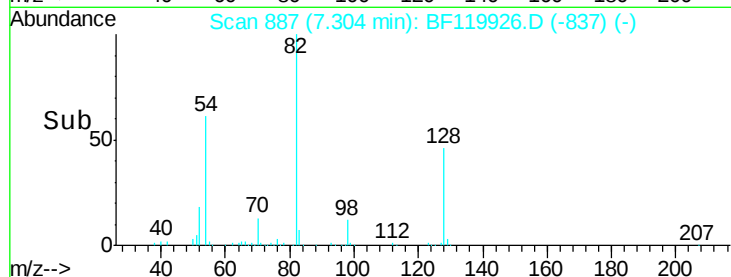
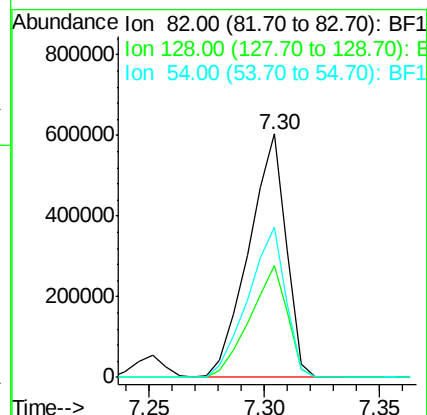
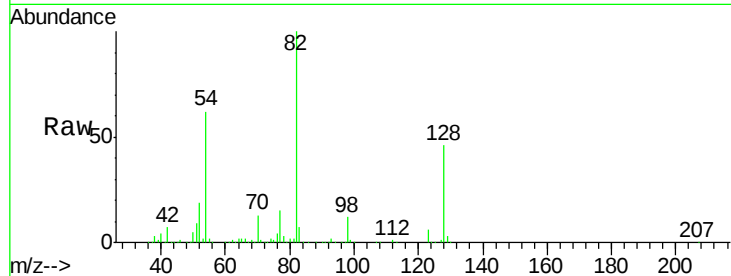




#23  
 Nitrobenzene-d5  
 Concen: 39.801 ng  
 RT: 7.30 min Scan# 887  
 Delta R.T. -0.01 min  
 Lab File: BF119926.D  
 Acq: 13 Apr 2020 20:25

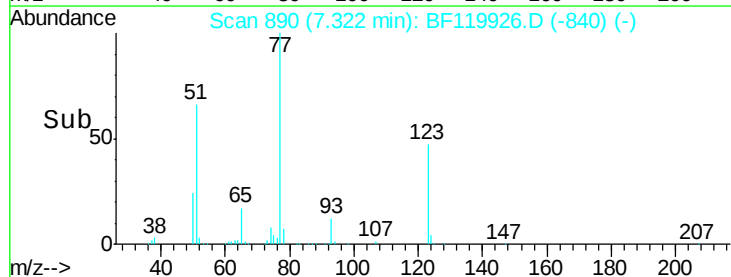
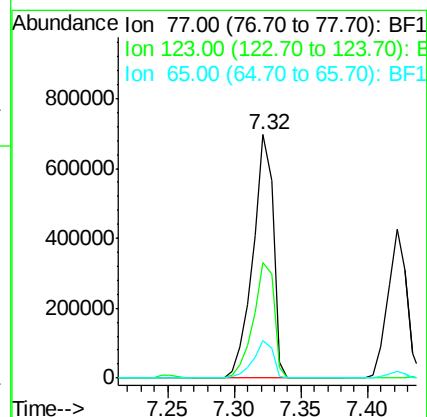
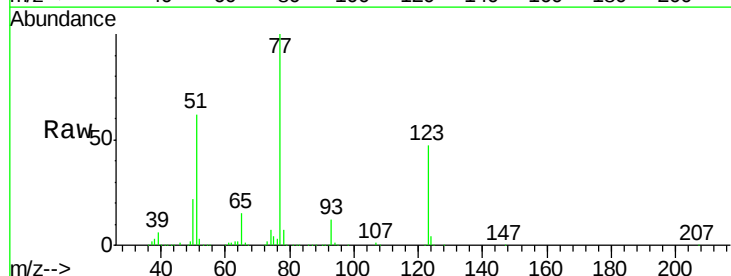
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion: 82 Resp: 682863  
 Ion Ratio Lower Upper  
 82 100  
 128 45.9 36.2 54.4  
 54 61.6 50.4 75.6



#24  
 Nitrobenzene  
 Concen: 41.651 ng  
 RT: 7.32 min Scan# 890  
 Delta R.T. -0.01 min  
 Lab File: BF119926.D  
 Acq: 13 Apr 2020 20:25

Tgt Ion: 77 Resp: 718863  
 Ion Ratio Lower Upper  
 77 100  
 123 47.4 37.8 56.8  
 65 15.4 12.2 18.2





#25

Isophorone

Concen: 40.184 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampleId :

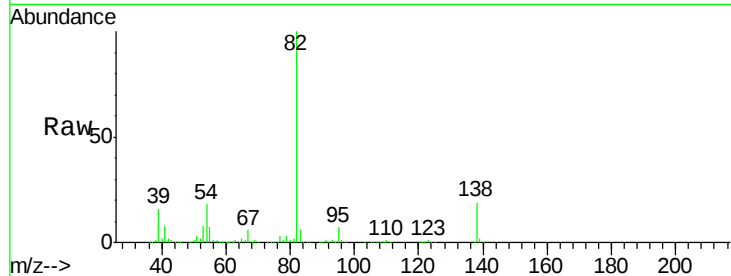
Tot Ion: 82 Resp: 1329027

Ion Ratio Lower Upper

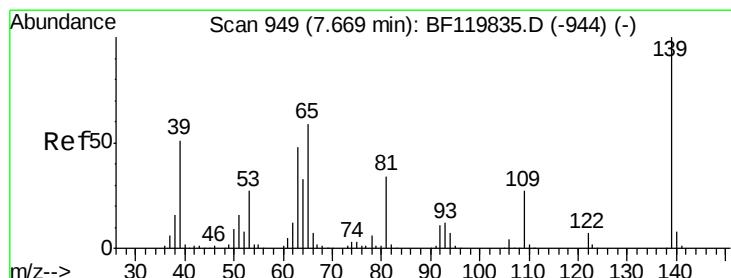
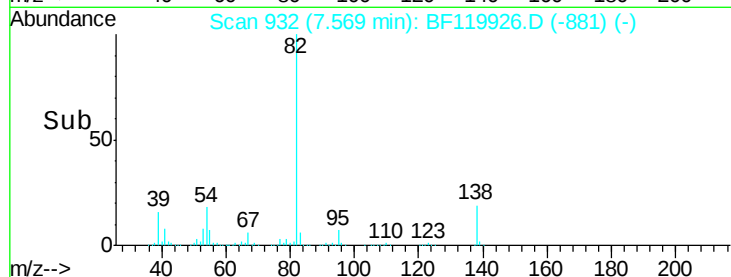
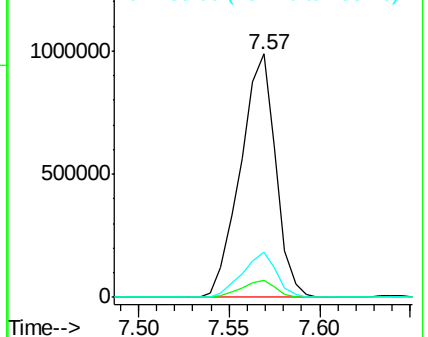
82 100

95 7.0 5.8 8.6

138 18.8 14.5 21.7



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: 43.479 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

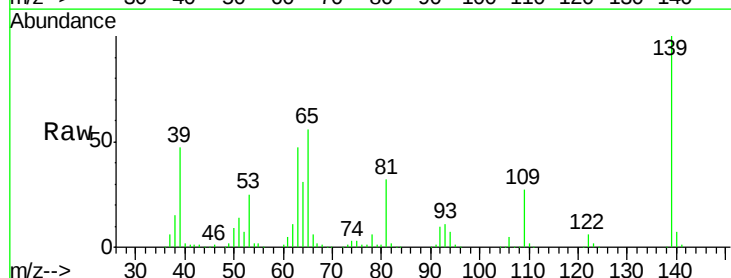
Tgt Ion: 139 Resp: 374906

Ion Ratio Lower Upper

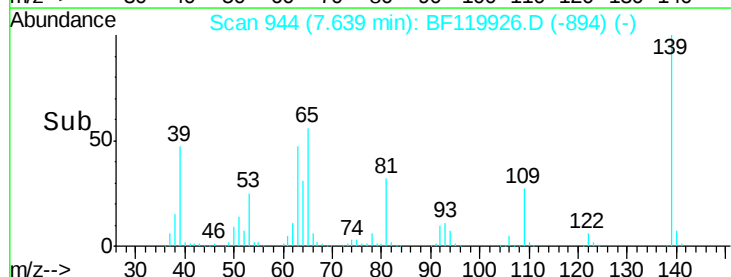
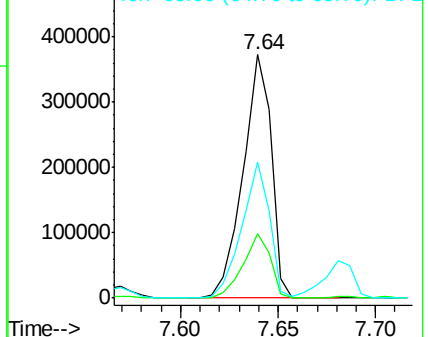
139 100

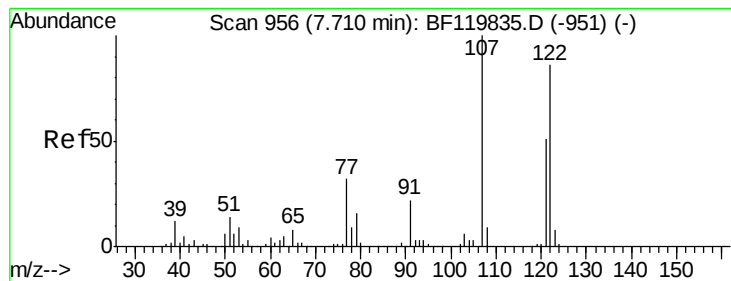
109 26.6 21.8 32.6

65 55.9 47.0 70.4



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





#27

2,4-Dimethylphenol

Concen: 44.855 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampleId :

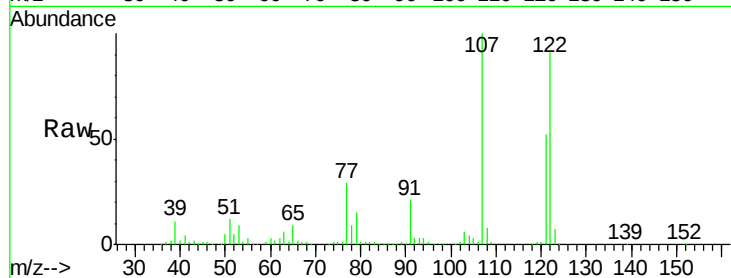
Tot Ion:122 Resp: 583327

Ion Ratio Lower Upper

122 100

107 110.0 92.3 138.5

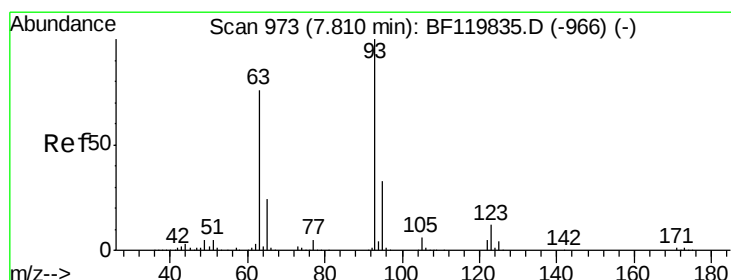
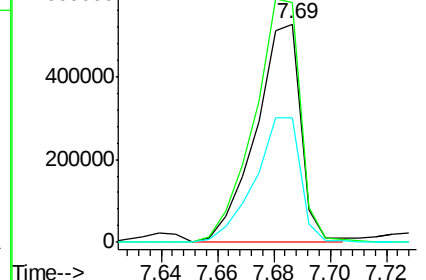
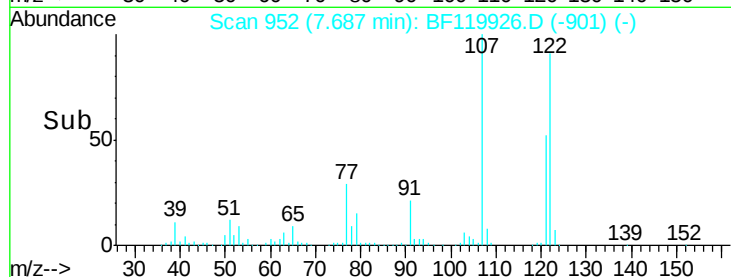
121 57.0 46.6 70.0



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: 42.488 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

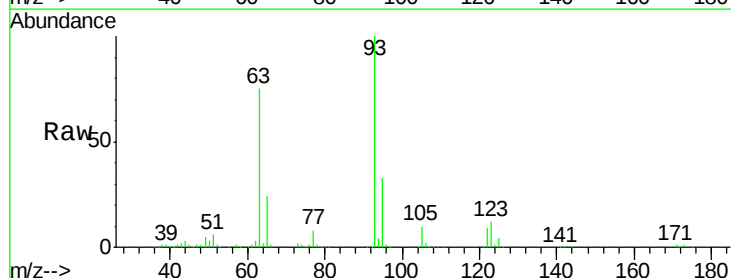
Tgt Ion: 93 Resp: 826897

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

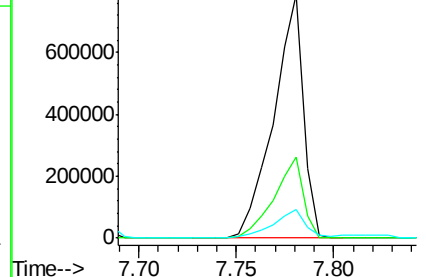
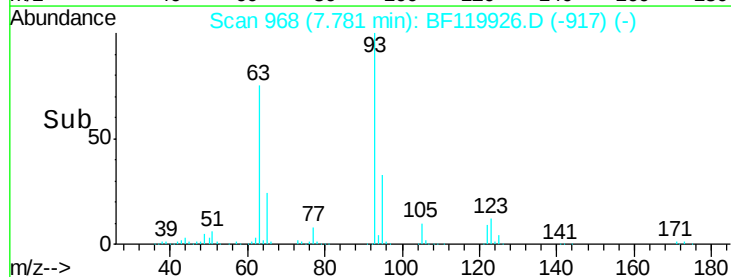
123 11.9 9.7 14.5

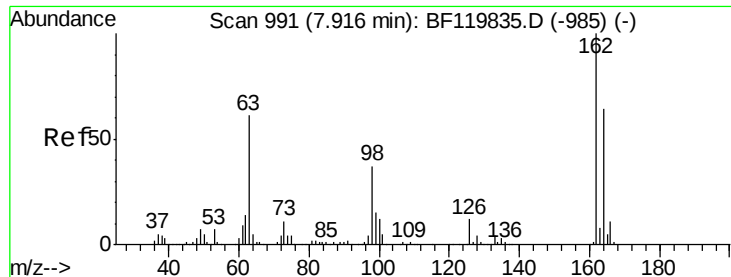


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

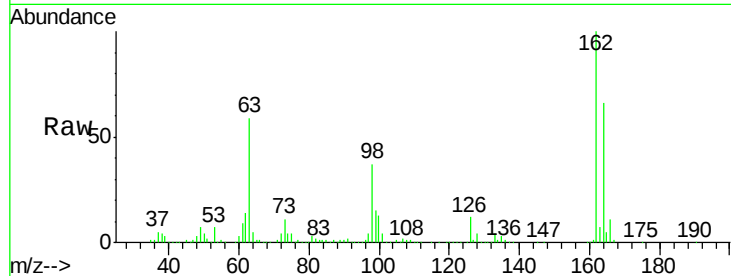




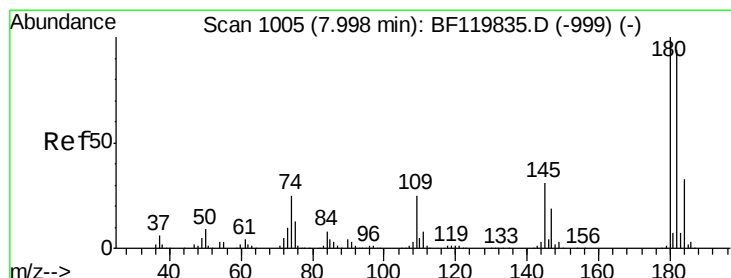
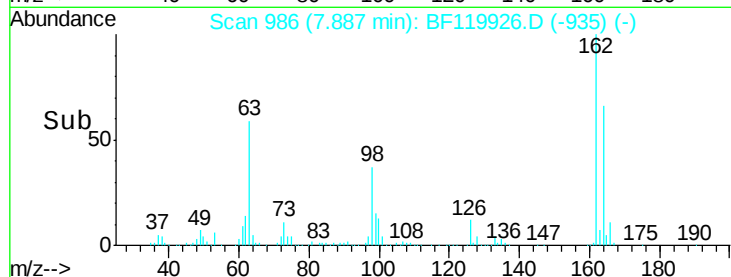
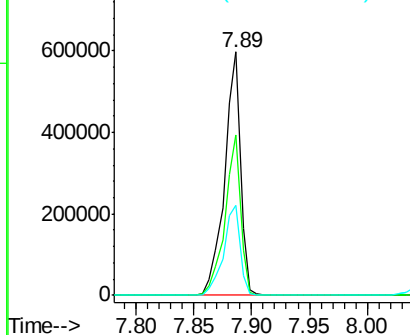
#29  
2,4-Dichlorophenol  
Concen: 42.962 ng  
RT: 7.89 min Scan# 986  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.0  | 44.4  | 84.4  |
| 98      | 37.0  | 17.3  | 57.3  |

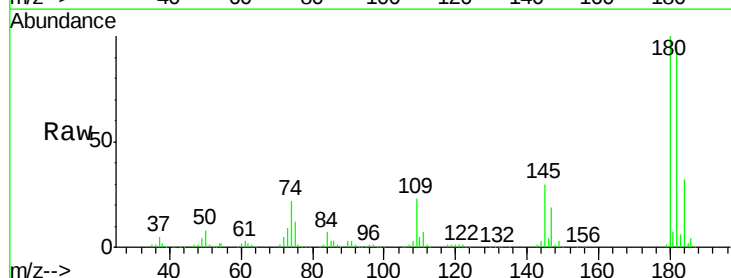


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

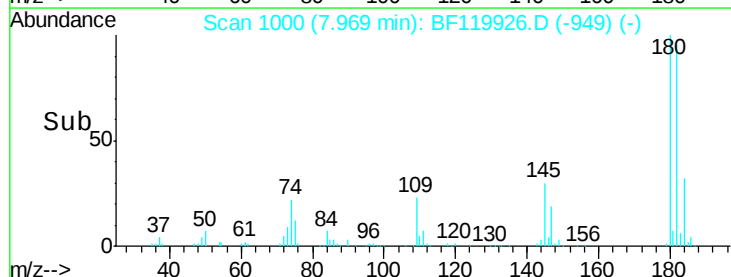
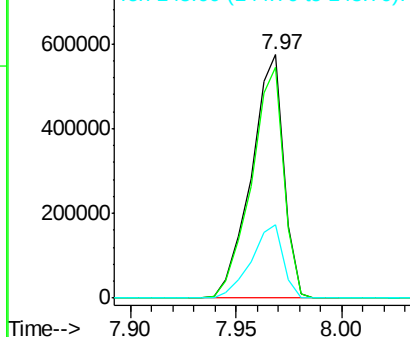


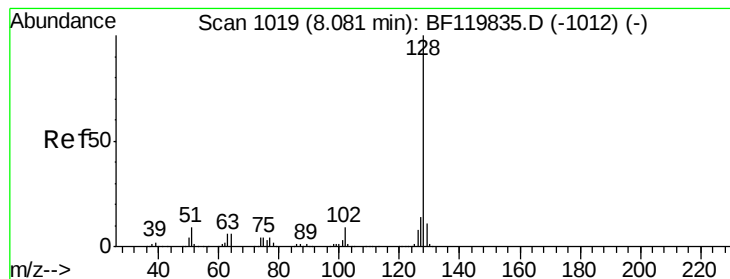
#30  
1,2,4-Trichlorobenzene  
Concen: 40.669 ng  
RT: 7.97 min Scan# 1000  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 75.4  | 113.0 |
| 145     | 29.9  | 24.6  | 37.0  |



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





#31

Naphthalene

Concen: 41.896 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampleId :

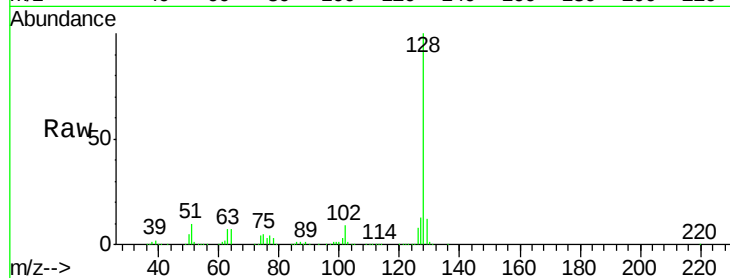
Tot Ion:128 Resp: 1956487

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

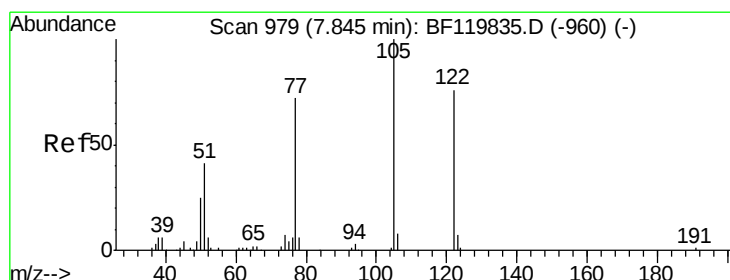
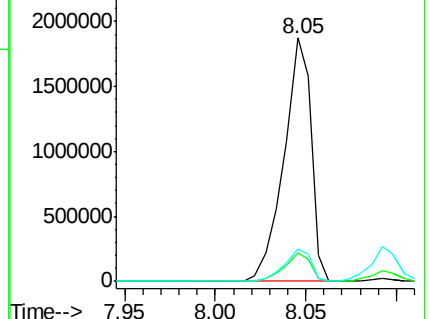
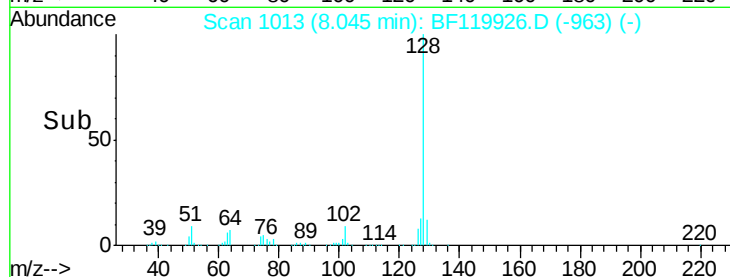
127 13.3 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.176 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

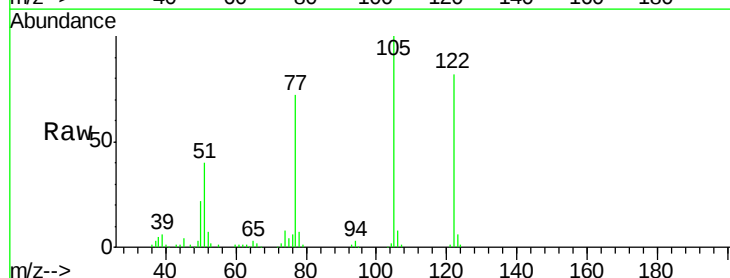
Tgt Ion:122 Resp: 470290

Ion Ratio Lower Upper

122 100

105 121.5 106.7 146.7

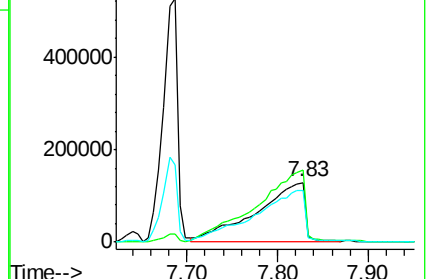
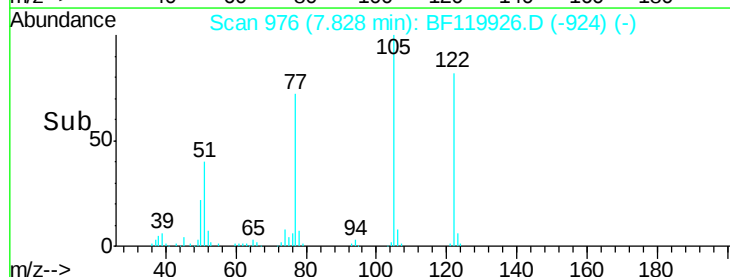
77 87.4 72.1 112.1



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

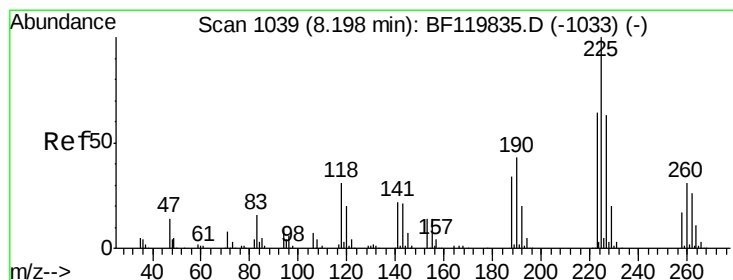
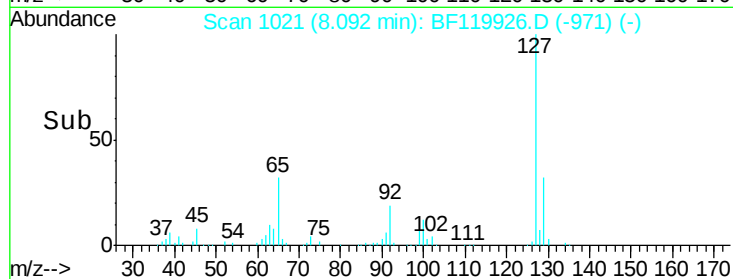
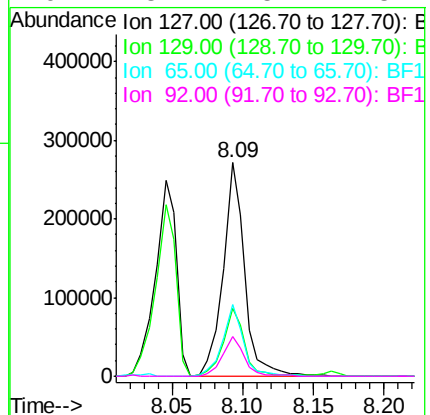
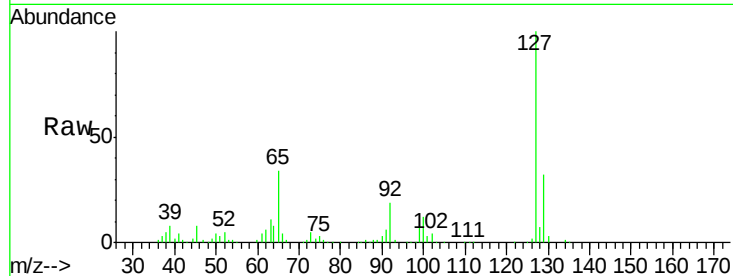




#33  
4-Chloroaniline  
Concen: 14.065 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. -0.01 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

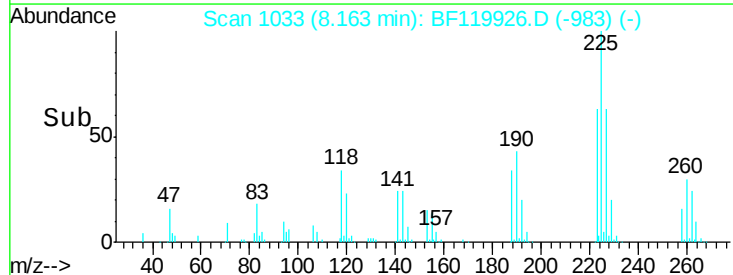
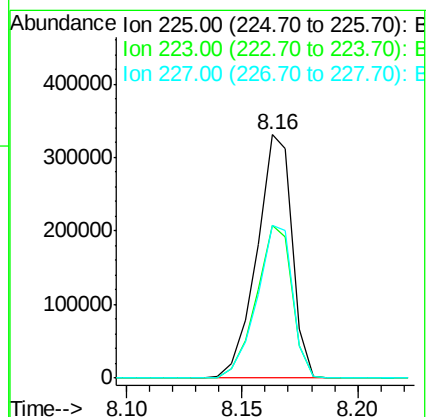
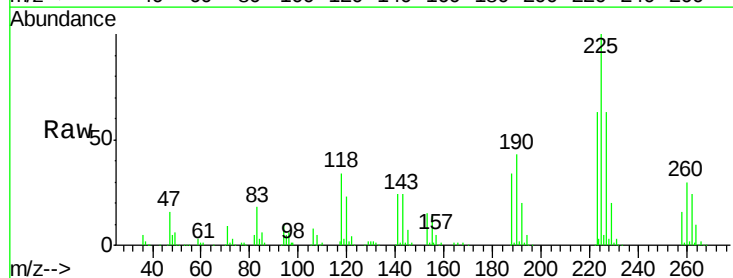
Instrument :  
BNA\_F  
ClientSampleId :

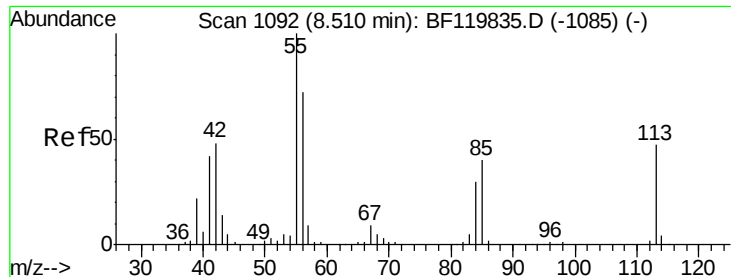
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 285938 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 26.2  | 39.2   |
| 65       | 33.5  | 28.3  | 42.5   |
| 92       | 18.7  | 15.4  | 23.2   |



#34  
Hexachlorobutadiene  
Concen: 38.859 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. -0.01 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 351341 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.8  | 51.0  | 76.6   |
| 227      | 62.7  | 50.4  | 75.6   |

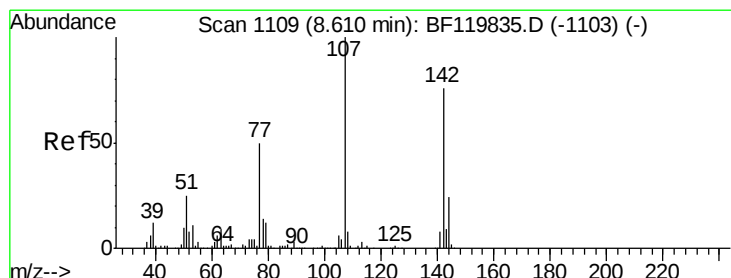
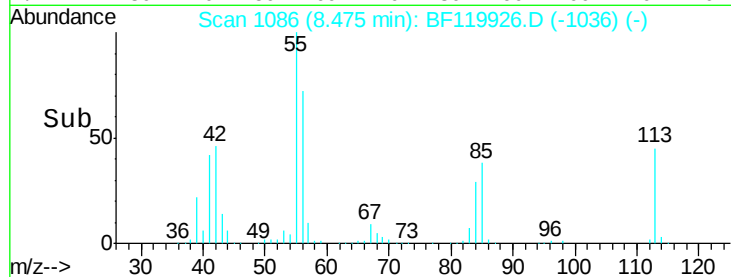
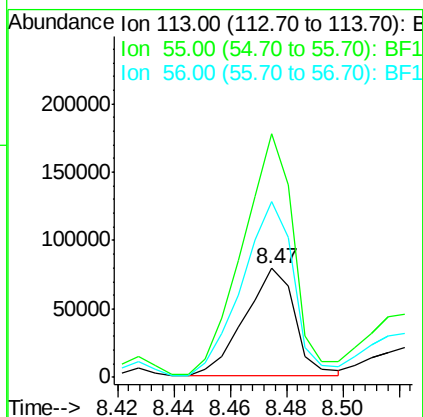
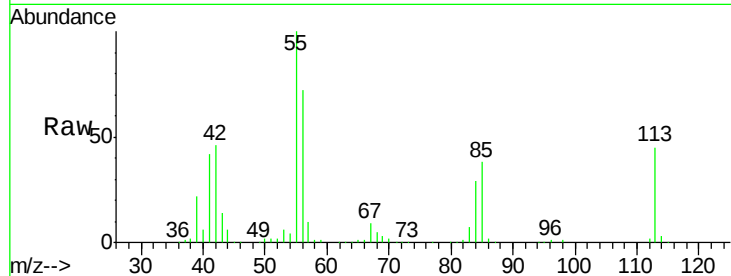




#35  
 Caprolactam  
 Concen: 24.091 ng  
 RT: 8.47 min Scan# 1086  
 Delta R.T. -0.01 min  
 Lab File: BF119926.D  
 Acq: 13 Apr 2020 20:25

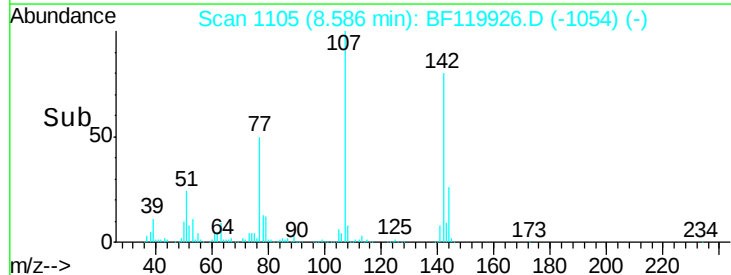
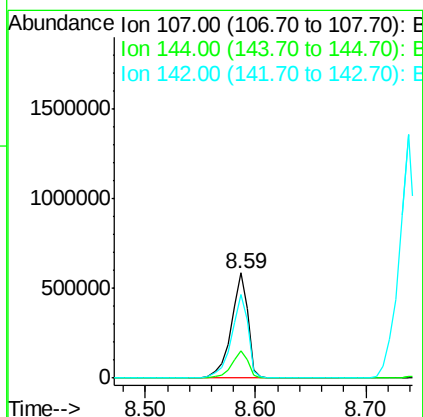
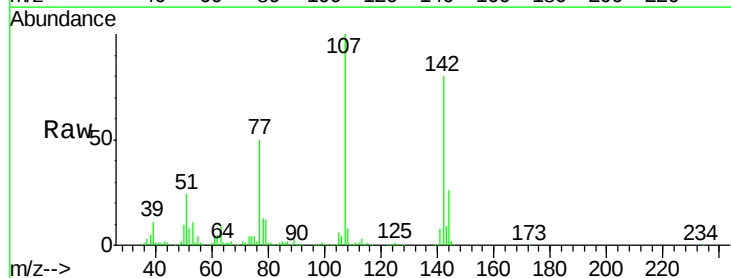
Instrument :  
 BNA\_F  
 ClientSampleId :

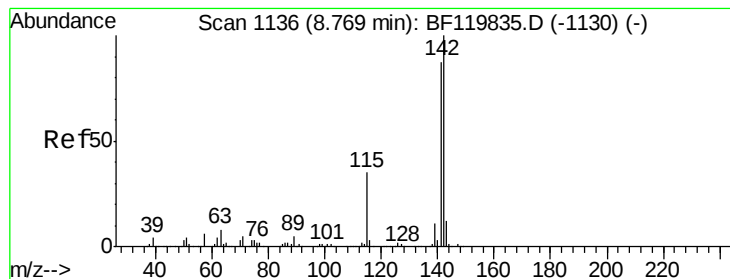
Tot Ion:113 Resp: 98235  
 Ion Ratio Lower Upper  
 113 100  
 55 223.4 192.7 232.7  
 56 161.7 133.3 173.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.315 ng  
 RT: 8.59 min Scan# 1105  
 Delta R.T. -0.00 min  
 Lab File: BF119926.D  
 Acq: 13 Apr 2020 20:25

Tgt Ion:107 Resp: 625129  
 Ion Ratio Lower Upper  
 107 100  
 144 26.2 19.5 29.3  
 142 80.1 60.5 90.7





#37

2-Methylnaphthalene

Concen: 41.404 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampleId :

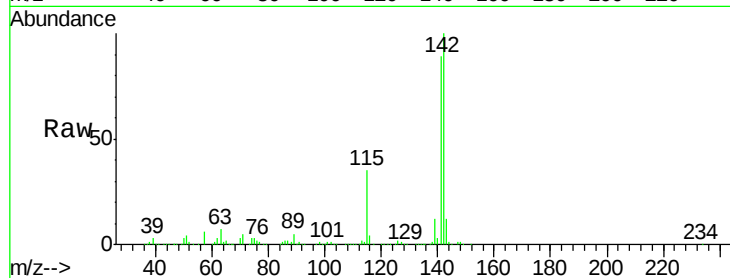
Tot Ion:142 Resp: 1310863

Ion Ratio Lower Upper

142 100

141 89.0 69.9 104.9

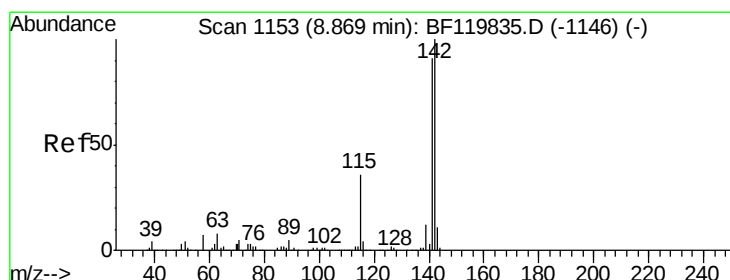
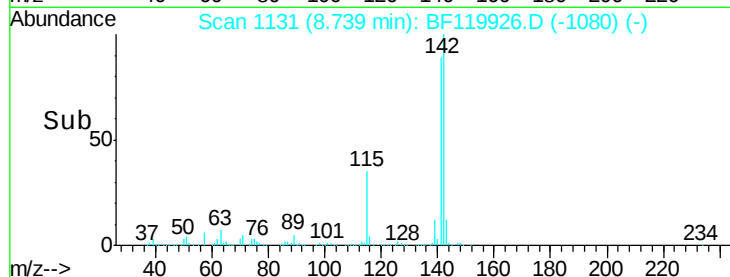
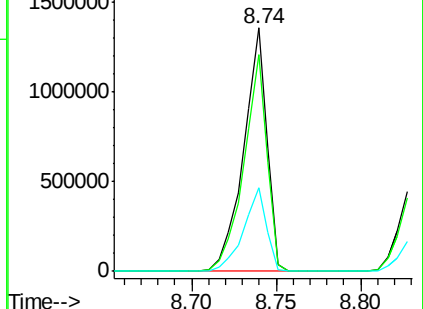
115 34.6 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.921 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

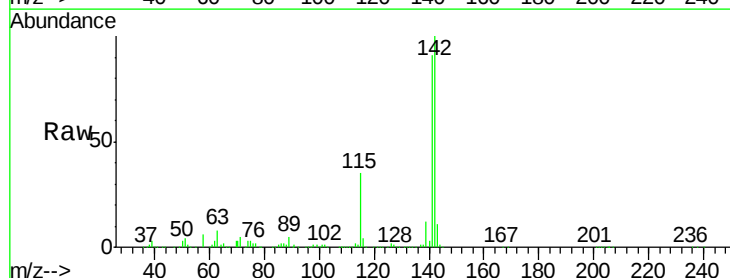
Tgt Ion:142 Resp: 1250973

Ion Ratio Lower Upper

142 100

141 90.7 72.9 109.3

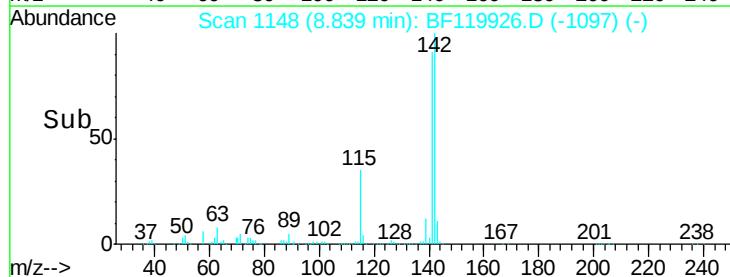
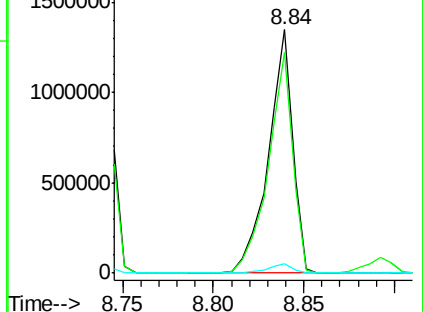
116 3.7 3.0 4.6

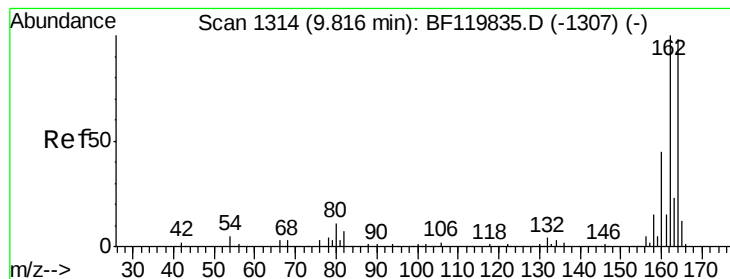


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampleId :

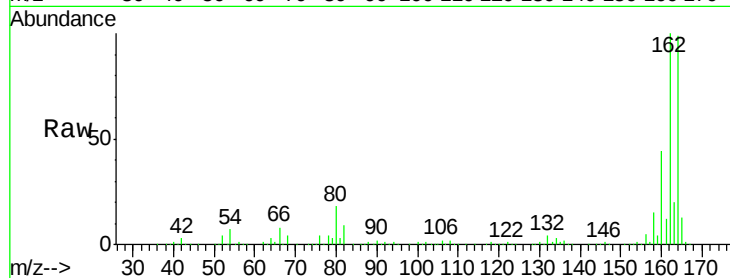
Tot Ion:164 Resp: 465642

Ion Ratio Lower Upper

164 100

162 100.7 81.9 122.9

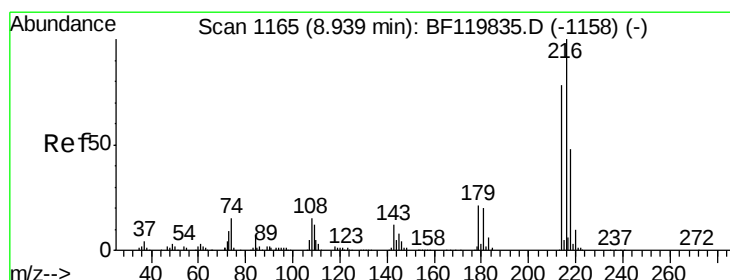
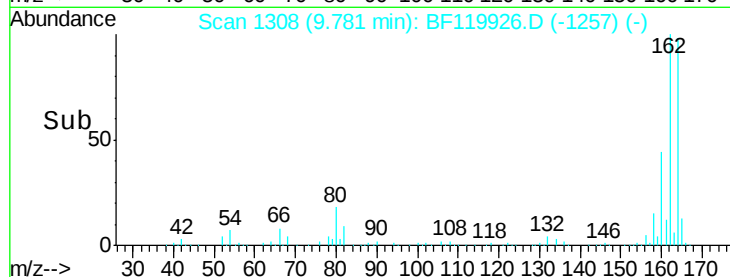
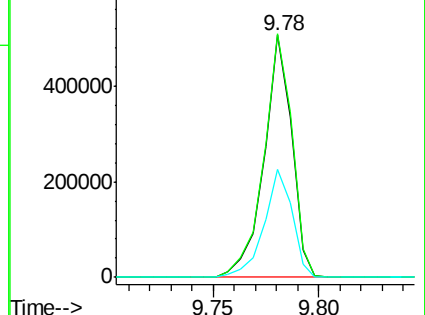
160 44.8 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.958 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Tgt Ion:216 Resp: 572951

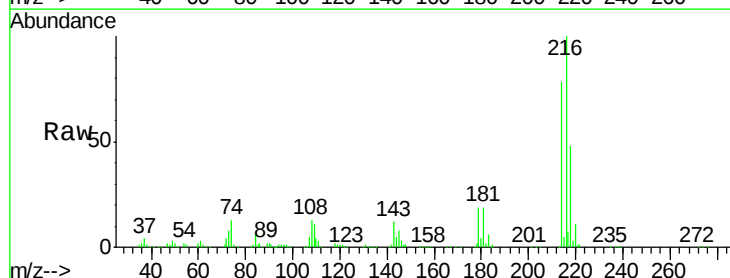
Ion Ratio Lower Upper

216 100

214 79.5 63.1 94.7

179 20.5 17.0 25.4

108 20.2 14.8 22.2

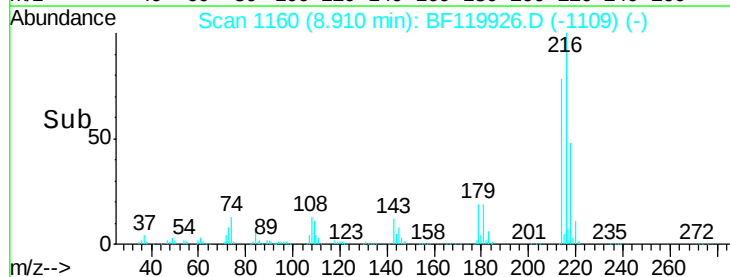
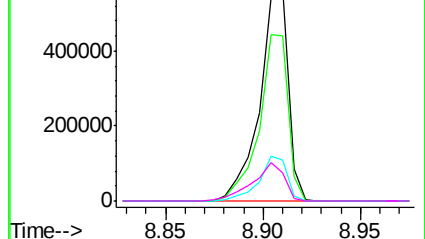


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.673 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampleId :

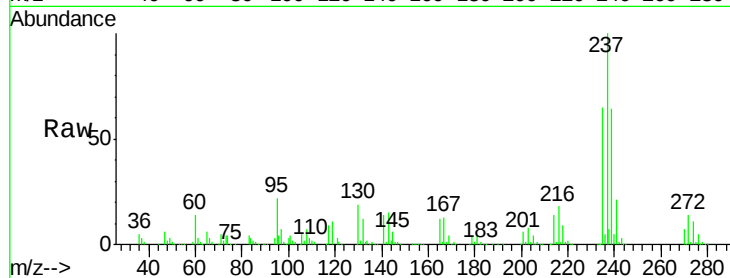
Tot Ion:237 Resp: 683027

Ion Ratio Lower Upper

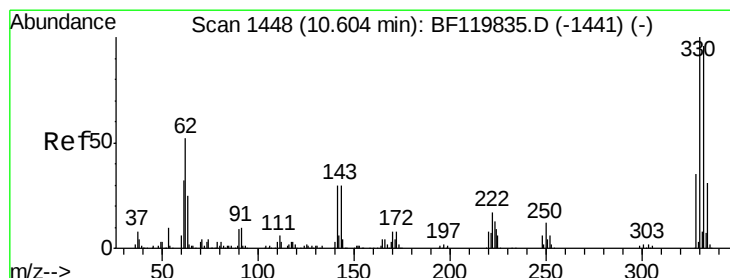
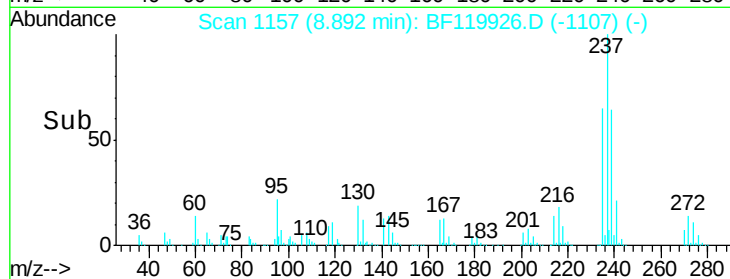
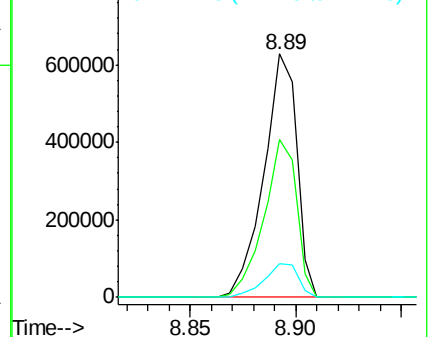
237 100

235 64.6 44.9 84.9

272 13.9 0.0 33.6



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



#42

2,4,6-Tribromophenol

Concen: 53.402 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

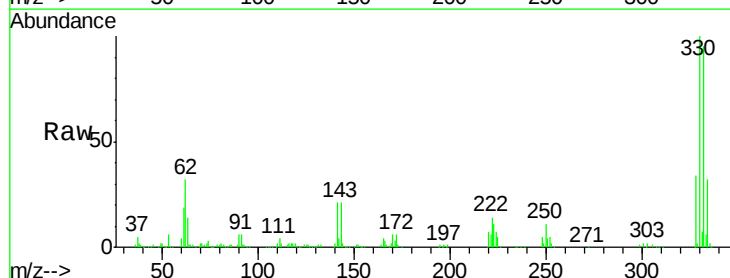
Tgt Ion:330 Resp: 304448

Ion Ratio Lower Upper

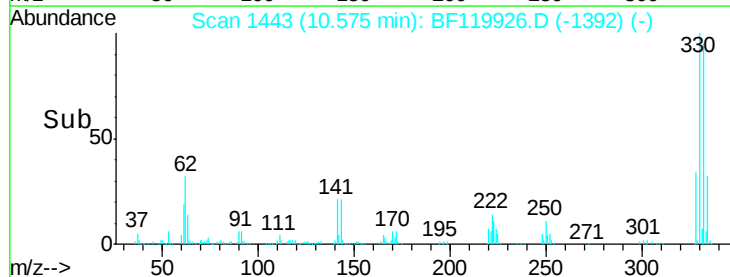
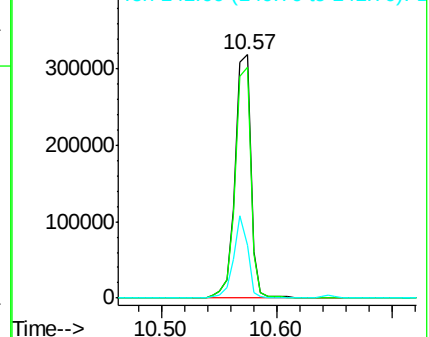
330 100

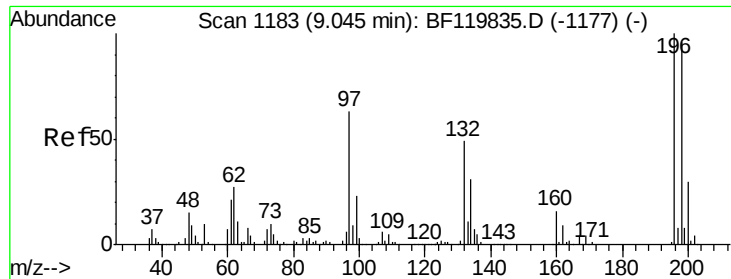
332 95.0 76.8 115.2

141 30.0 25.1 37.7



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

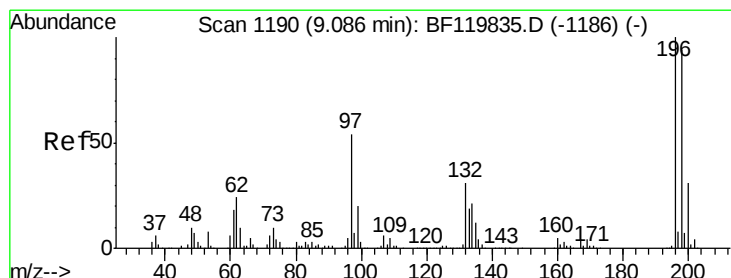
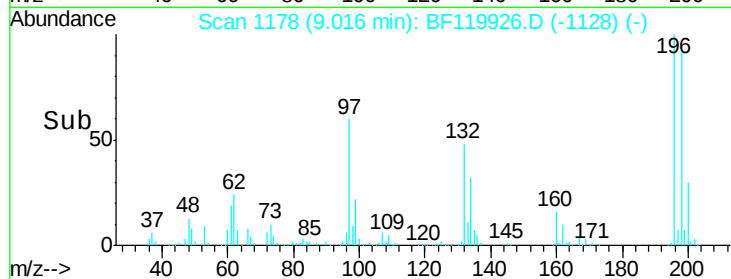
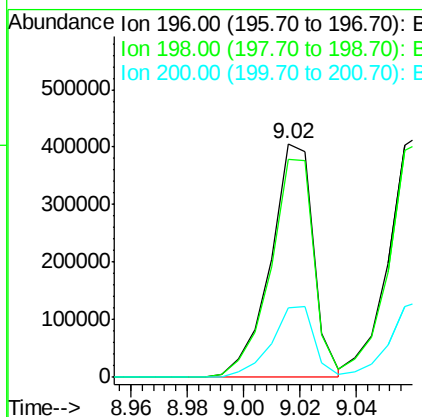
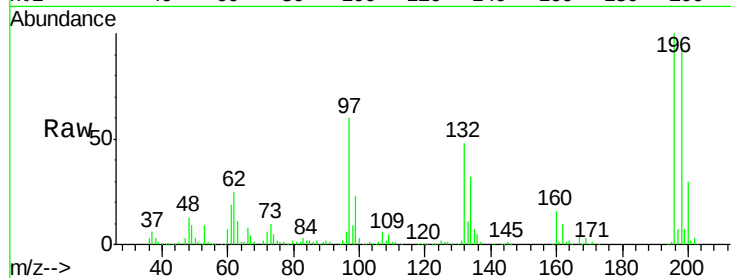




#43  
 2,4,6-Trichlorophenol  
 Concen: 42.136 ng  
 RT: 9.02 min Scan# 1178  
 Delta R.T. -0.01 min  
 Lab File: BF119926.D  
 Acq: 13 Apr 2020 20:25

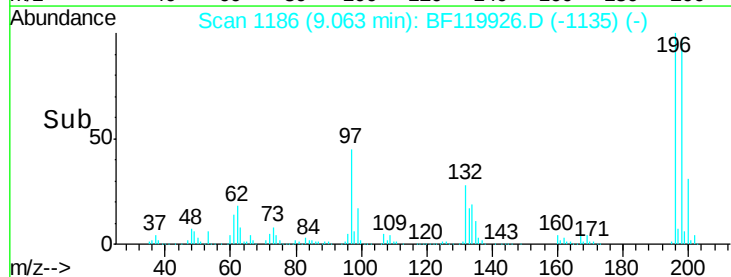
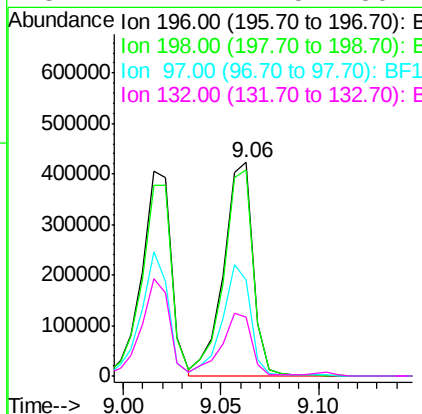
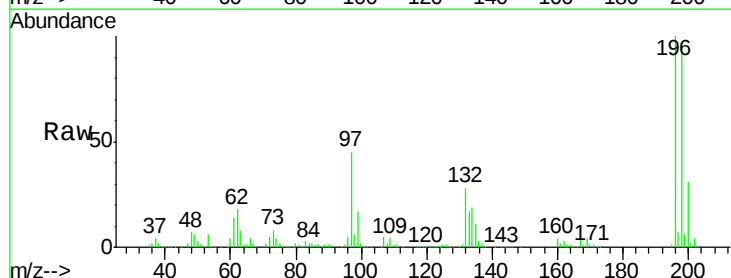
Instrument :  
 BNA\_F  
 ClientSampled :

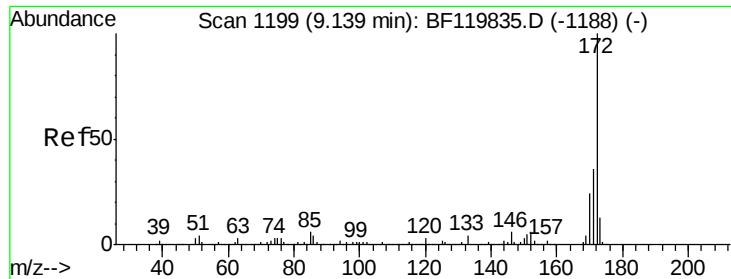
Tot Ion:196 Resp: 427930  
 Ion Ratio Lower Upper  
 196 100  
 198 93.4 76.6 115.0  
 200 29.7 24.2 36.2



#44  
 2,4,5-Trichlorophenol  
 Concen: 38.596 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. -0.00 min  
 Lab File: BF119926.D  
 Acq: 13 Apr 2020 20:25

Tgt Ion:196 Resp: 441477  
 Ion Ratio Lower Upper  
 196 100  
 198 96.5 75.1 112.7  
 97 44.9 43.4 65.2  
 132 27.7 24.5 36.7

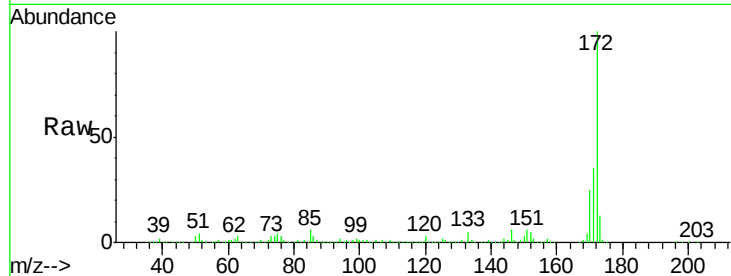




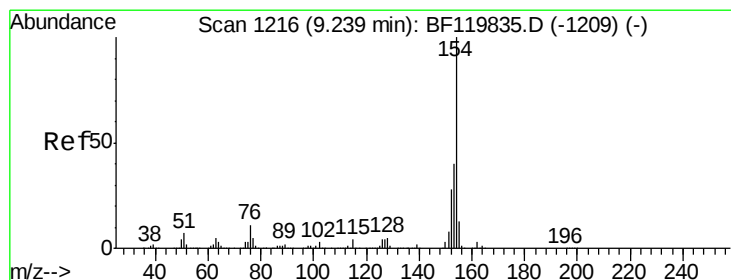
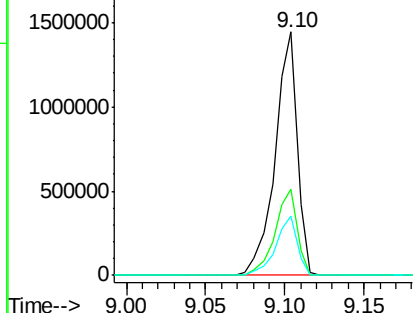
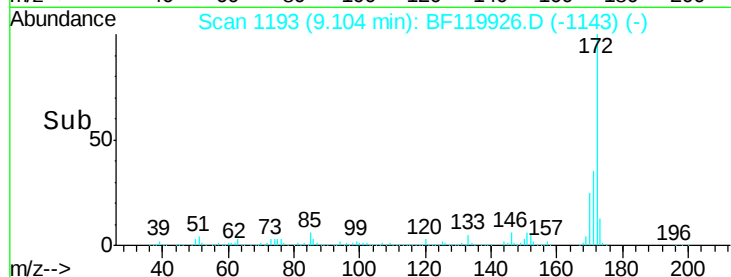
#45  
2-Fluorobiphenyl  
Concen: 42.797 ng  
RT: 9.10 min Scan# 1193  
Delta R.T. -0.01 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 1403592  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.9 43.3  
170 24.6 19.4 29.2

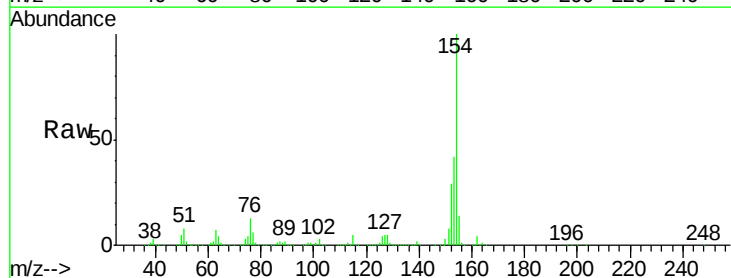


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

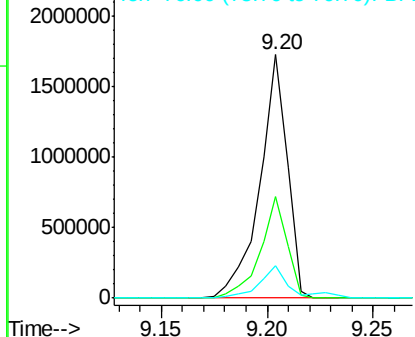
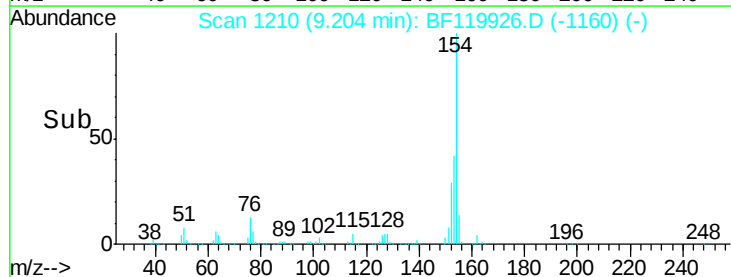


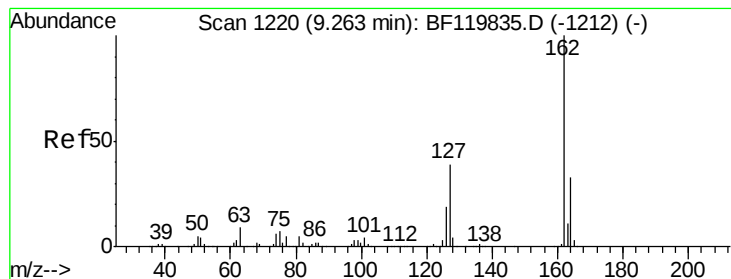
#46  
1,1'-Biphenyl  
Concen: 39.566 ng  
RT: 9.20 min Scan# 1210  
Delta R.T. -0.01 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Tgt Ion:154 Resp: 1555064  
Ion Ratio Lower Upper  
154 100  
153 41.5 20.5 60.5  
76 13.1 0.0 30.6



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





#47

2-Chloronaphthalene

Concen: 40.810 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampleId :

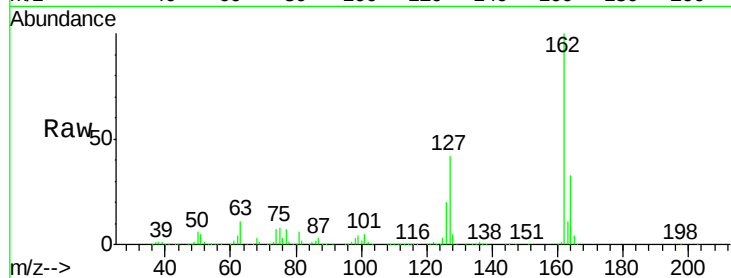
Tot Ion:162 Resp: 1235591

Ion Ratio Lower Upper

162 100

127 42.0 31.2 46.8

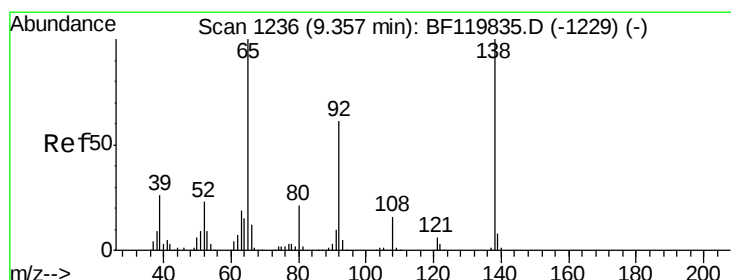
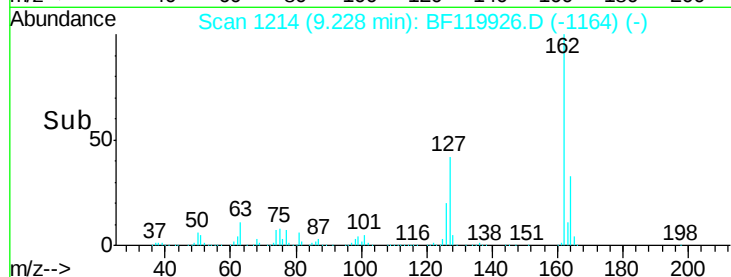
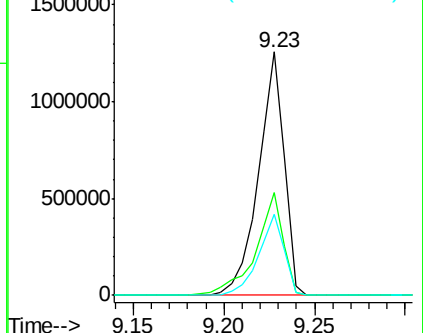
164 33.2 26.3 39.5



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: 40.054 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

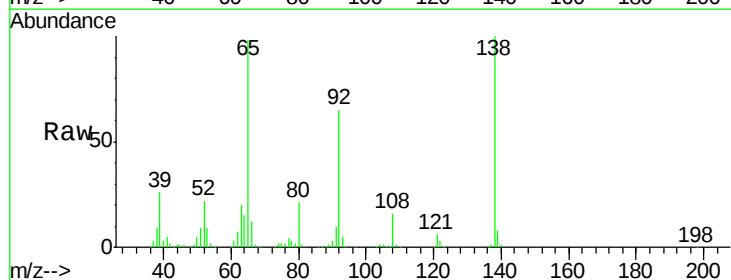
Tgt Ion: 65 Resp: 439466

Ion Ratio Lower Upper

65 100

92 66.3 49.0 73.6

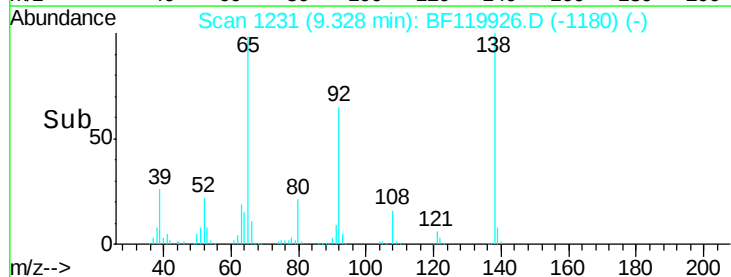
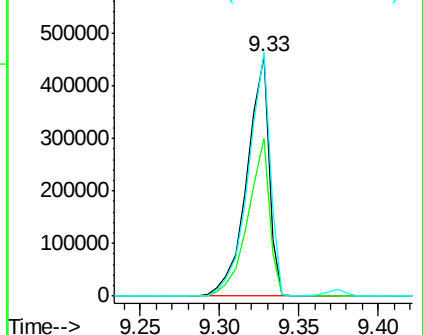
138 101.8 79.7 119.5

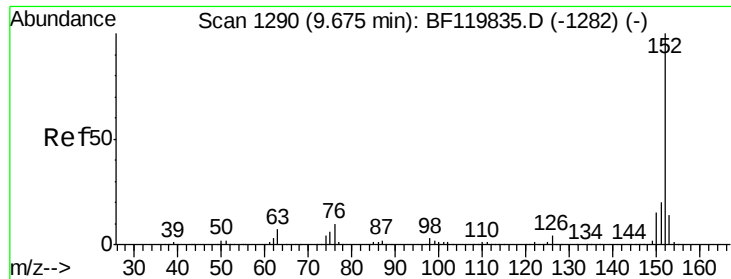


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.646 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampled :

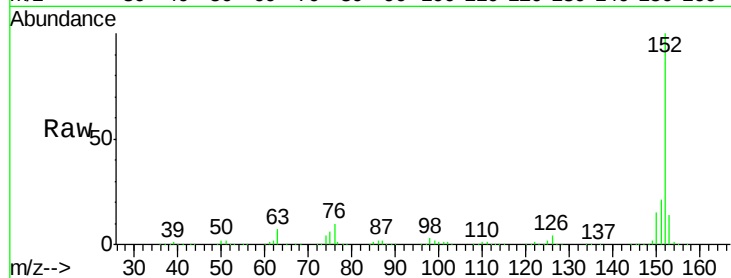
Tot Ion:152 Resp: 1917616

Ion Ratio Lower Upper

152 100

151 21.3 16.2 24.4

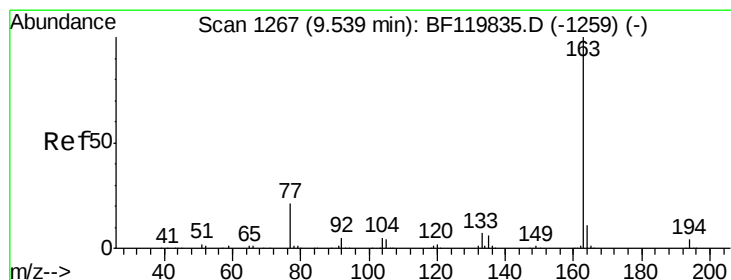
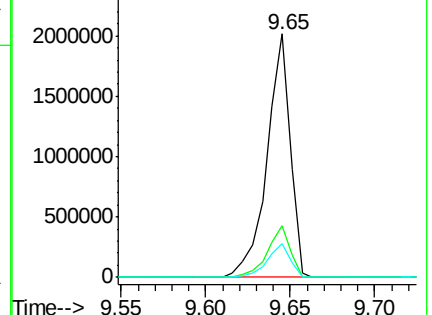
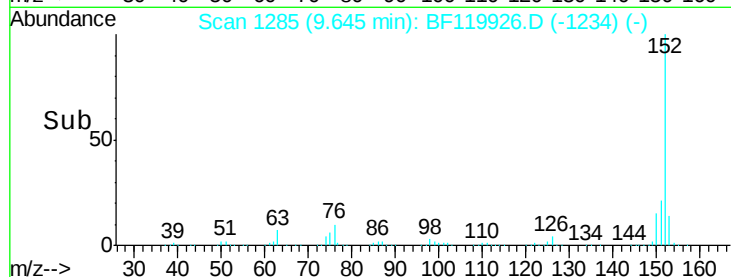
153 13.7 10.9 16.3



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: 43.198 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

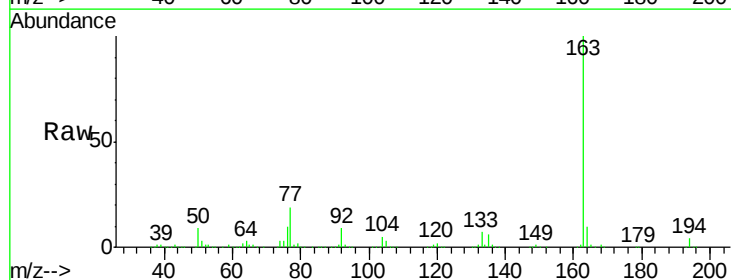
Tgt Ion:163 Resp: 1555863

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

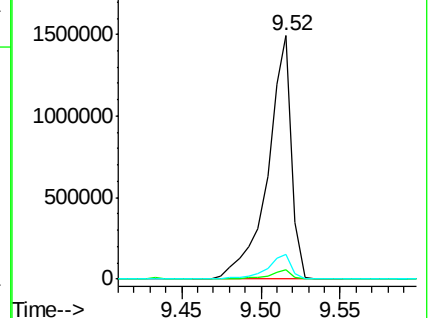
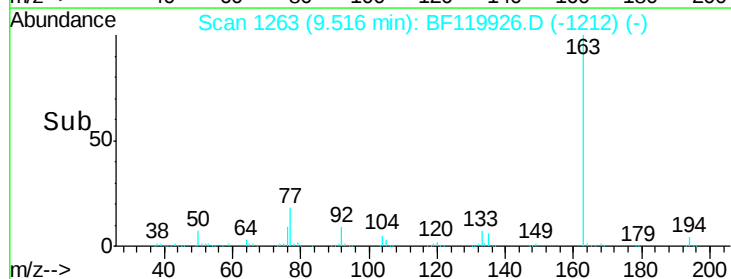
164 9.9 8.4 12.6

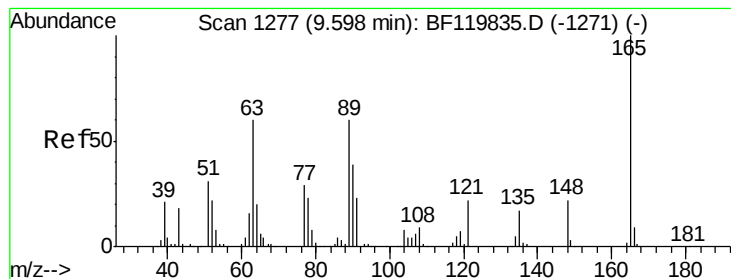


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.264 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampled :

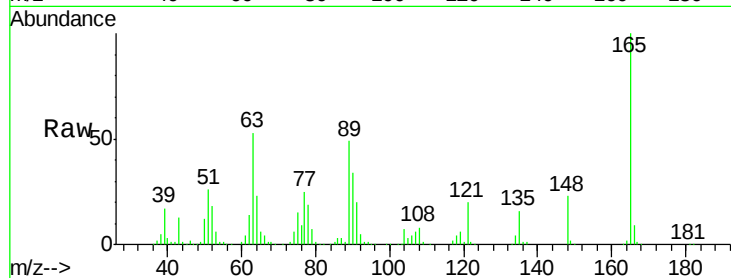
Tot Ion:165 Resp: 333342

Ion Ratio Lower Upper

165 100

63 52.9 55.6 83.4#

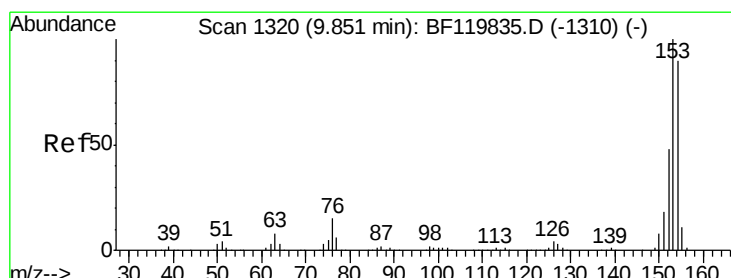
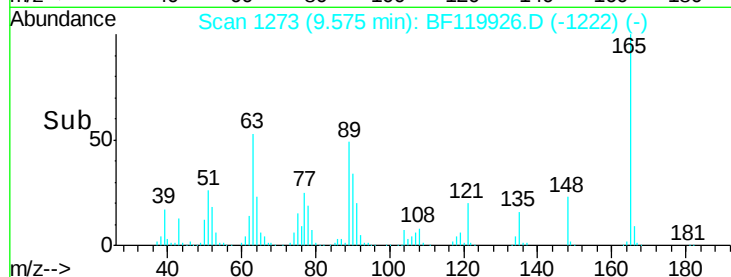
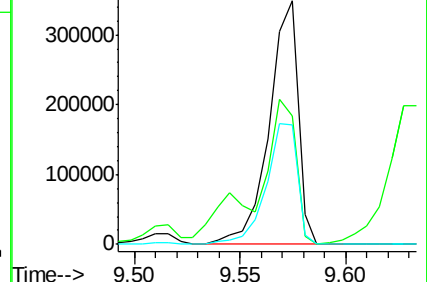
89 49.0 47.9 71.9



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: 38.253 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

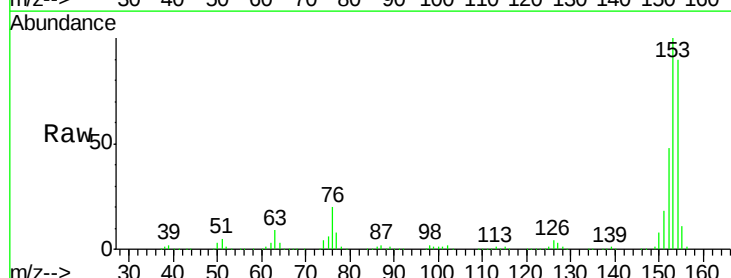
Tgt Ion:154 Resp: 1174959

Ion Ratio Lower Upper

154 100

153 111.5 88.8 133.2

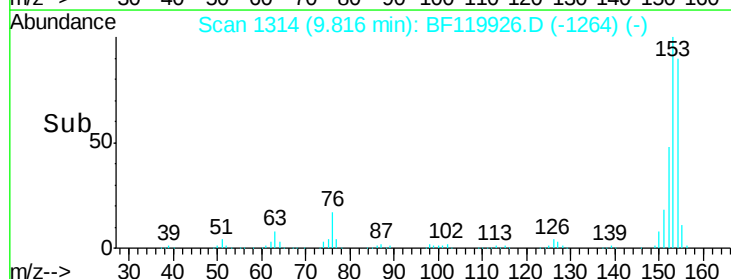
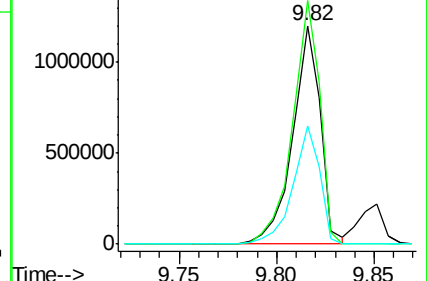
152 54.1 42.4 63.6

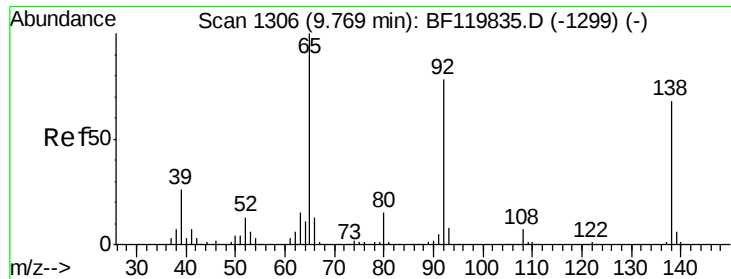


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

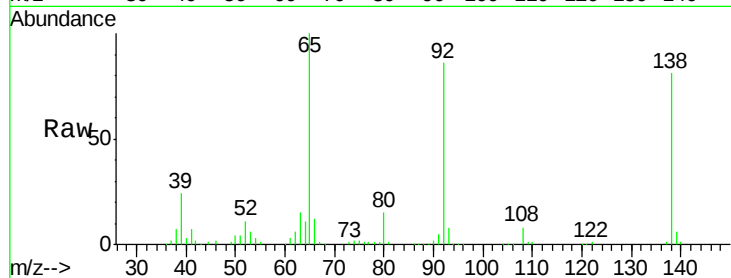




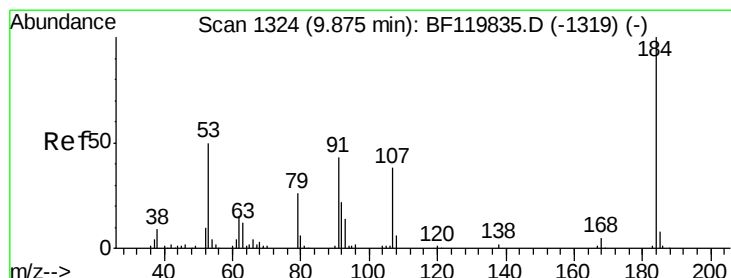
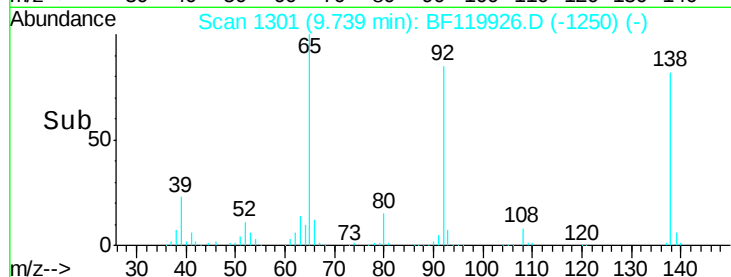
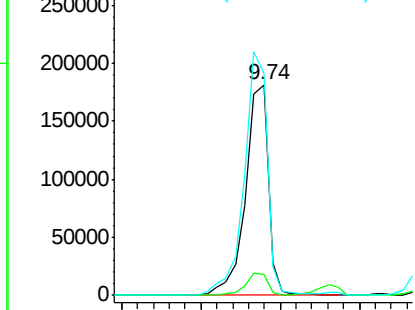
#53  
 3-Nitroaniline  
 Concen: 20.224 ng  
 RT: 9.74 min Scan# 1301  
 Delta R.T. -0.00 min  
 Lab File: BF119926.D  
 Acq: 13 Apr 2020 20:25

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:138 Resp: 182175  
 Ion Ratio Lower Upper  
 138 100  
 108 9.6 8.0 12.0  
 92 105.1 92.1 138.1

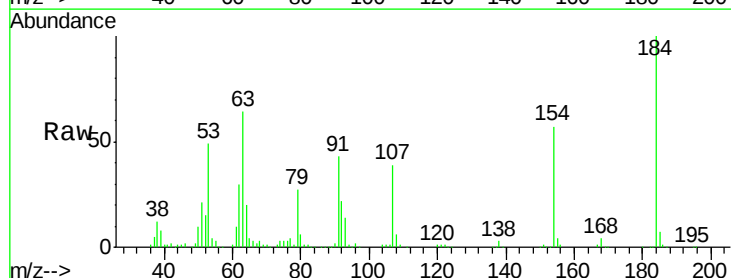


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BF1

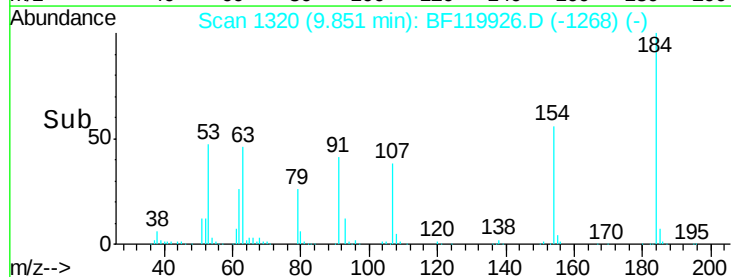
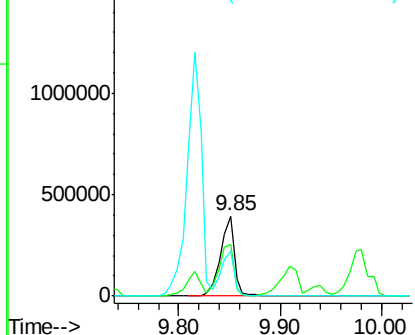


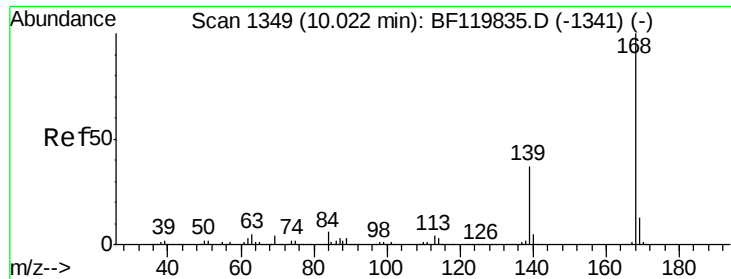
#54  
 2,4-Dinitrophenol  
 Concen: 81.342 ng  
 RT: 9.85 min Scan# 1320  
 Delta R.T. 0.01 min  
 Lab File: BF119926.D  
 Acq: 13 Apr 2020 20:25

Tgt Ion:184 Resp: 384098  
 Ion Ratio Lower Upper  
 184 100  
 63 64.1 49.8 74.6  
 154 56.6 46.5 69.7



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

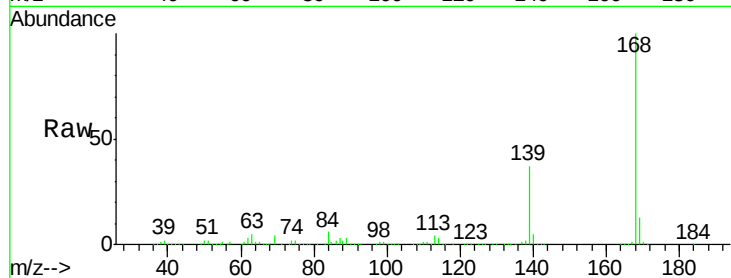




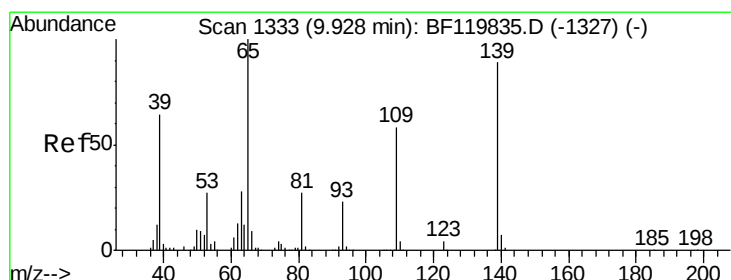
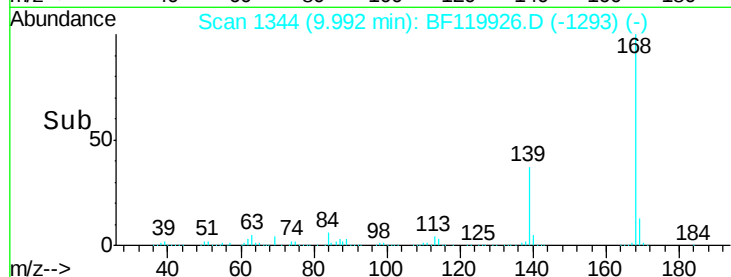
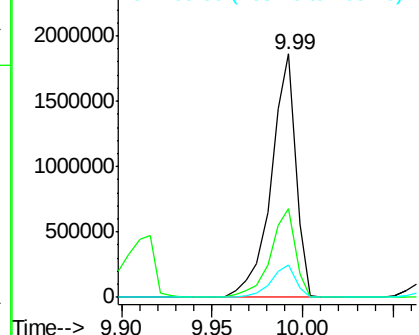
#55  
Dibenzofuran  
Concen: 41.791 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:168 Resp: 1761443  
Ion Ratio Lower Upper  
168 100  
139 36.6 29.8 44.6  
169 13.4 10.6 15.8

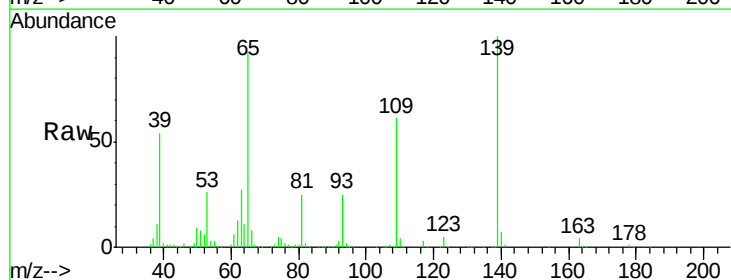


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

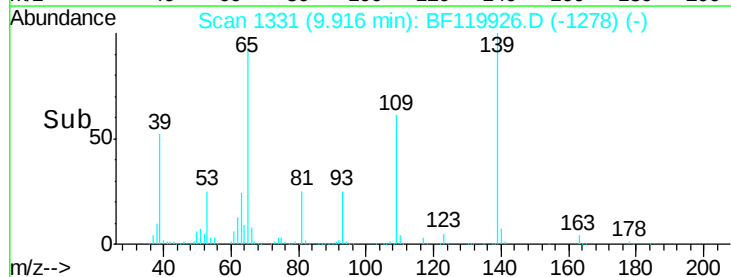
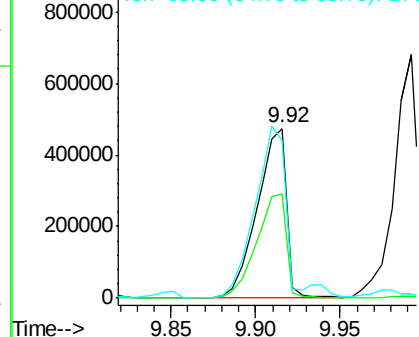


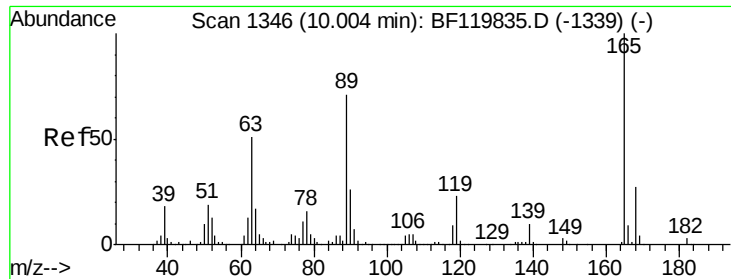
#56  
4-Nitrophenol  
Concen: 85.480 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. 0.01 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Tgt Ion:139 Resp: 572908  
Ion Ratio Lower Upper  
139 100  
109 61.1 45.5 85.5  
65 92.6 92.3 132.3



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

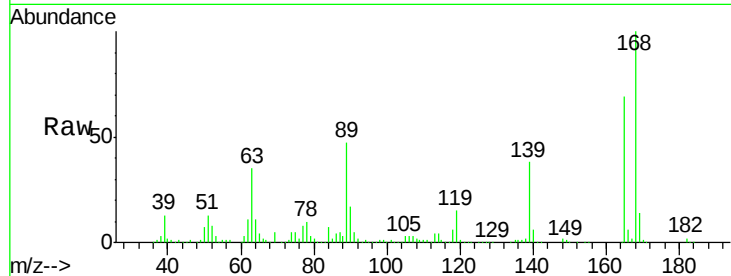




#57  
2,4-Dinitrotoluene  
Concen: 41.887 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. 0.01 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 51.3  | 40.8  | 61.2  |
| 89      | 68.5  | 56.9  | 85.3  |
| 182     | 2.3   | 2.0   | 3.0   |

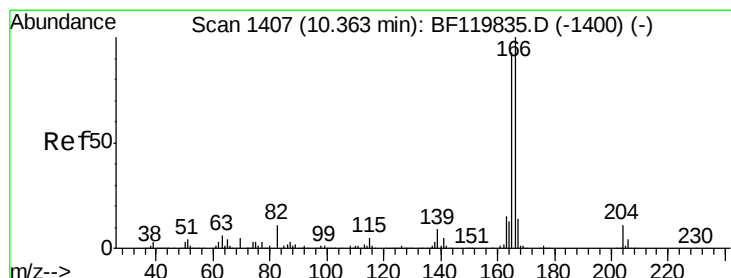
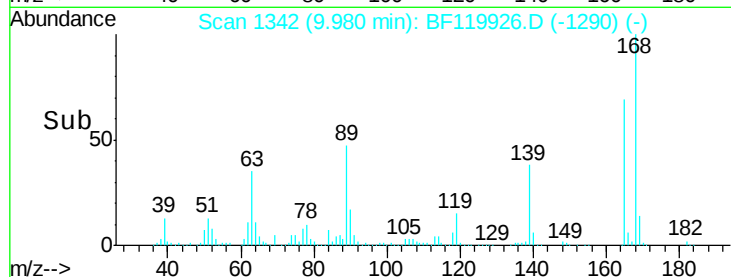
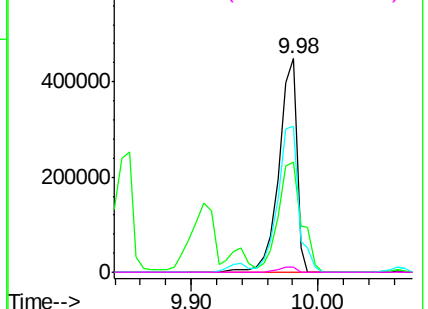


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

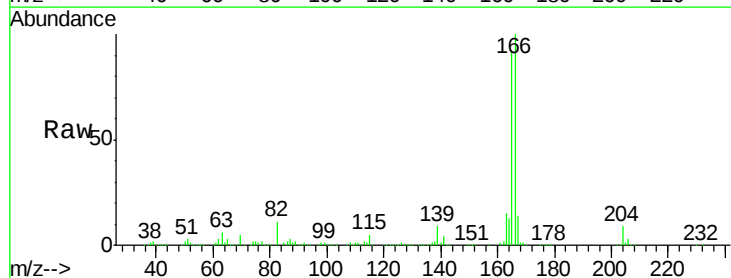
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 39.563 ng  
RT: 10.33 min Scan# 1402  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

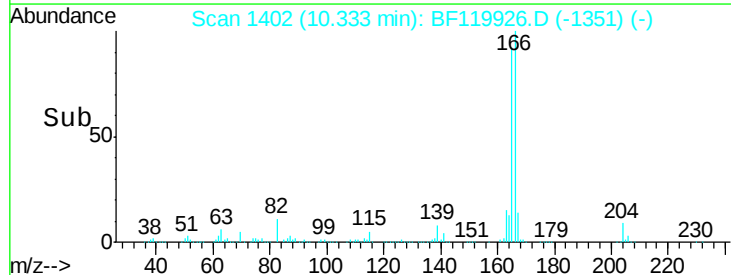
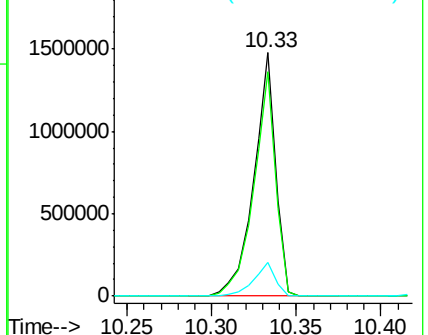
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 92.1  | 74.2  | 111.2 |
| 167     | 13.7  | 10.8  | 16.2  |

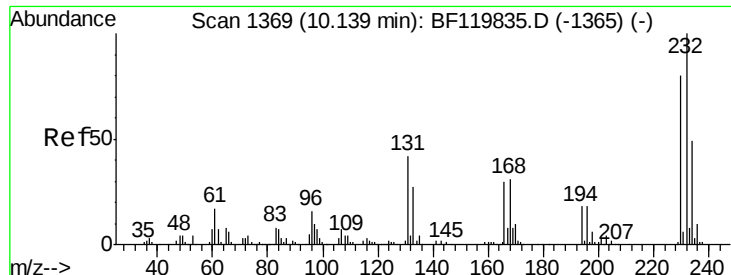


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

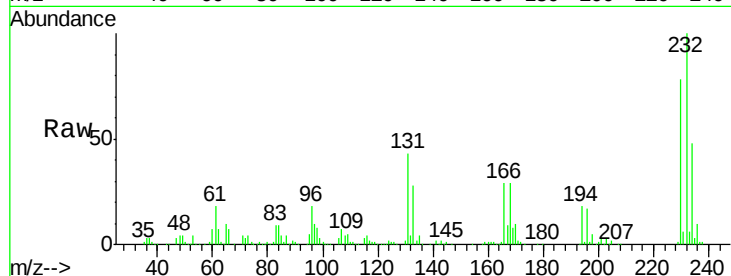




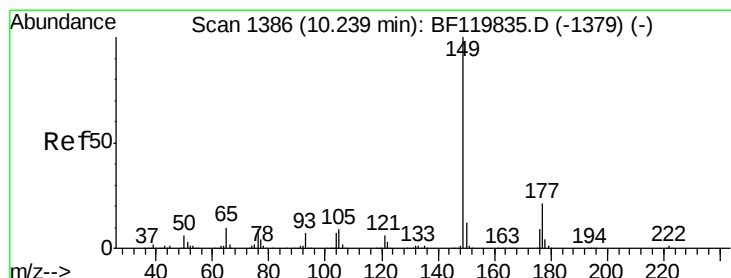
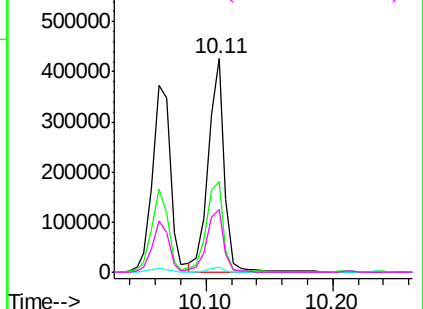
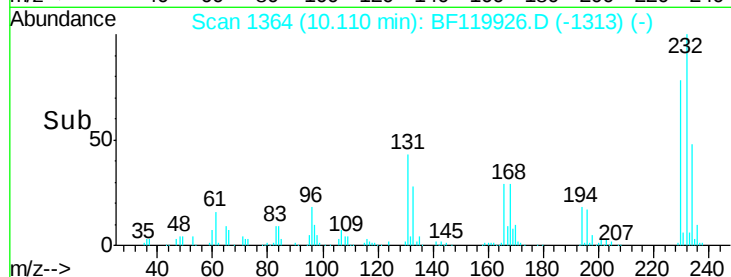
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.940 ng  
 RT: 10.11 min Scan# 1364  
 Delta R.T. -0.00 min  
 Lab File: BF119926.D  
 Acq: 13 Apr 2020 20:25

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:232 Resp: 375651  
 Ion Ratio Lower Upper  
 232 100  
 131 45.7 37.9 56.9  
 130 2.2 1.8 2.6  
 166 31.0 25.4 38.0

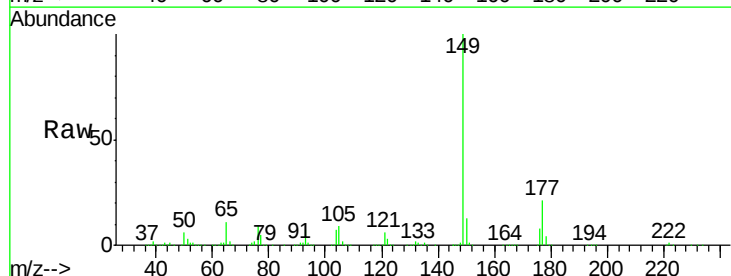


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

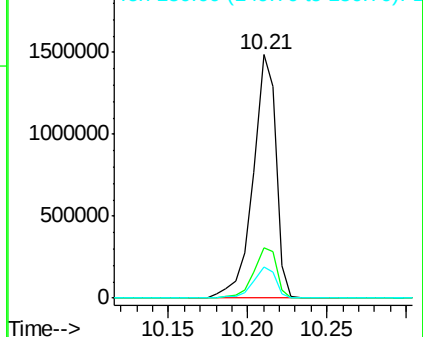
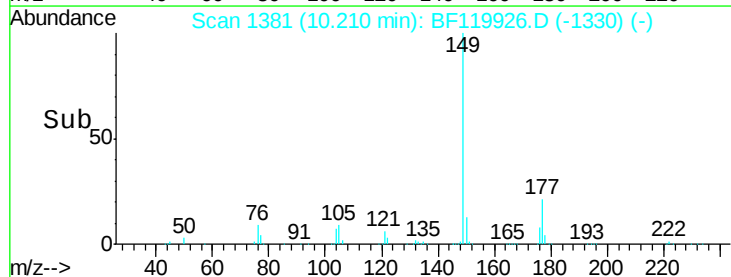


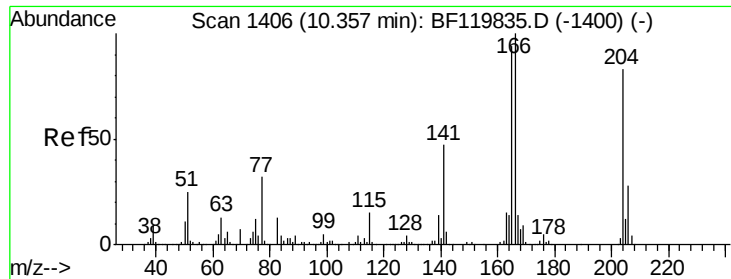
#60  
 Diethylphthalate  
 Concen: 39.849 ng  
 RT: 10.21 min Scan# 1381  
 Delta R.T. -0.00 min  
 Lab File: BF119926.D  
 Acq: 13 Apr 2020 20:25

Tgt Ion:149 Resp: 1487504  
 Ion Ratio Lower Upper  
 149 100  
 177 20.5 16.8 25.2  
 150 12.7 9.8 14.6



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

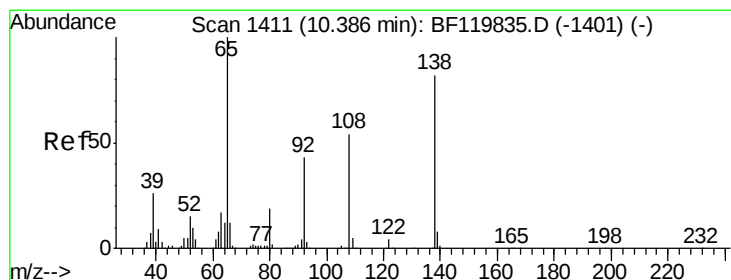
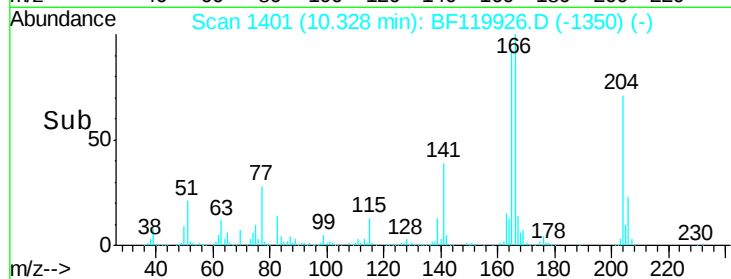
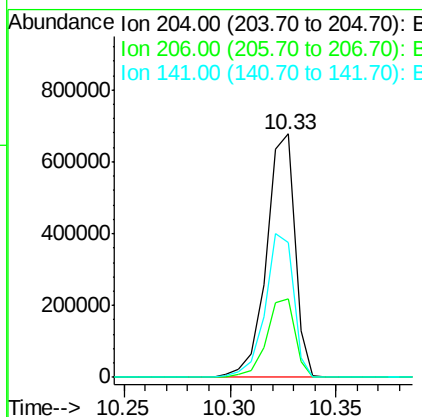
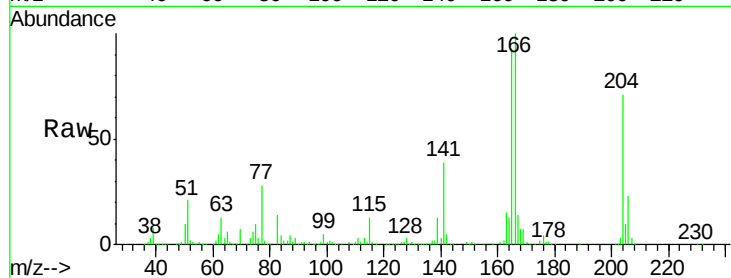




#61  
 4-Chlorophenyl-phenylether  
 Concen: 36.756 ng  
 RT: 10.33 min Scan# 1401  
 Delta R.T. -0.00 min  
 Lab File: BF119926.D  
 Acq: 13 Apr 2020 20:25

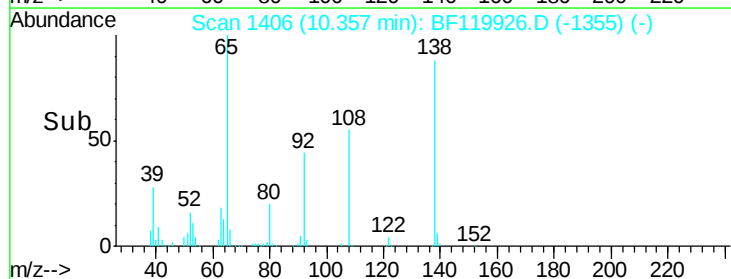
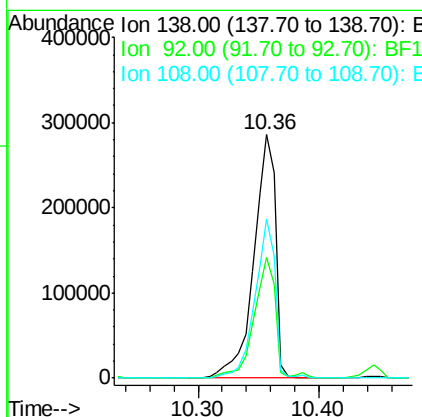
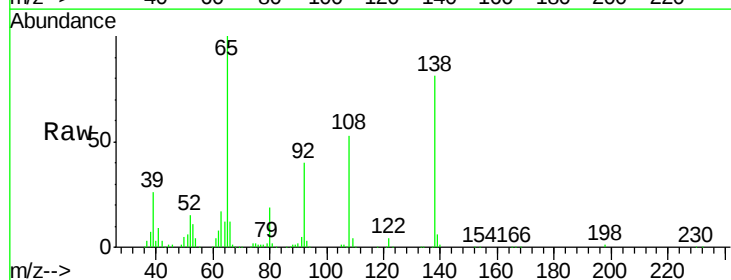
Instrument :  
 BNA\_F  
 ClientSampled :

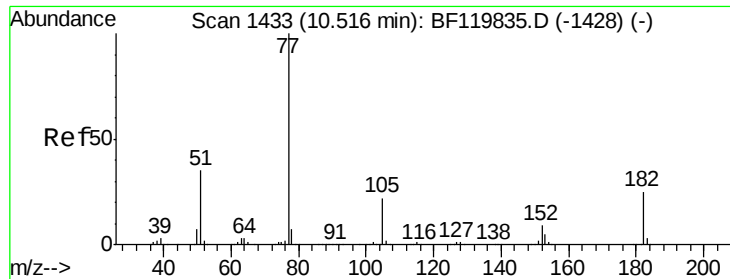
Tot Ion:204 Resp: 635038  
 Ion Ratio Lower Upper  
 204 100  
 206 32.5 26.7 40.1  
 141 55.4 45.8 68.8



#62  
 4-Nitroaniline  
 Concen: 41.704 ng  
 RT: 10.36 min Scan# 1406  
 Delta R.T. -0.00 min  
 Lab File: BF119926.D  
 Acq: 13 Apr 2020 20:25

Tgt Ion:138 Resp: 358003  
 Ion Ratio Lower Upper  
 138 100  
 92 49.5 31.6 71.6  
 108 65.2 45.2 85.2

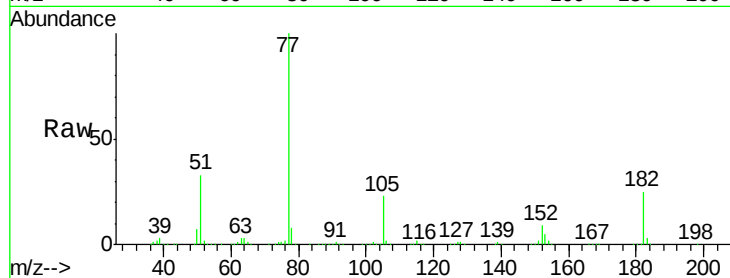




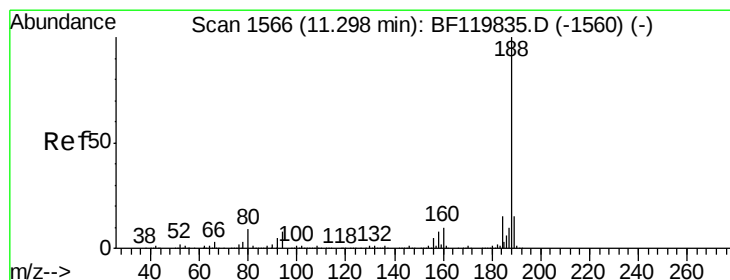
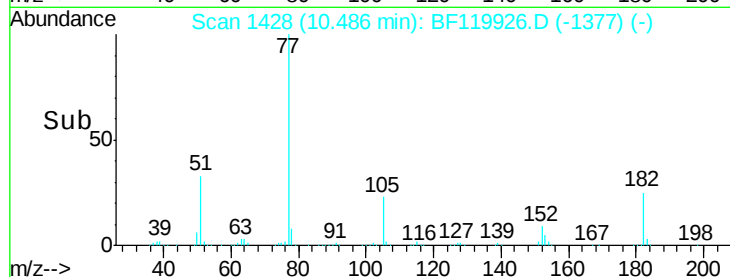
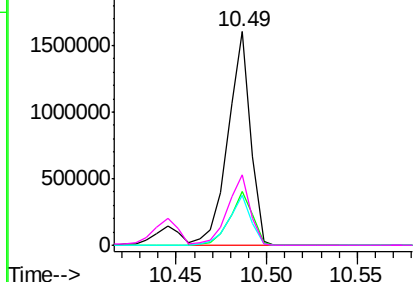
#63  
Azobenzene  
Concen: 41.534 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion: 77 Resp: 1389461  
Ion Ratio Lower Upper  
77 100  
182 25.4 4.5 44.5  
105 23.1 2.2 42.2  
51 33.2 15.1 55.1

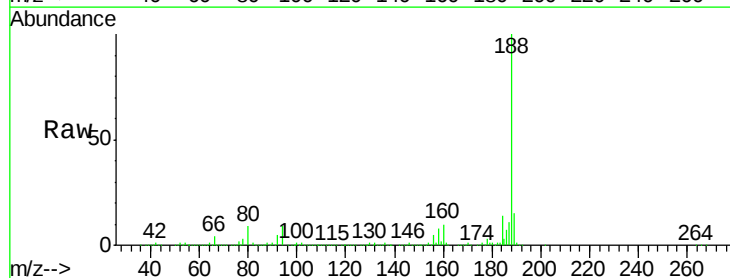


Abundance Ion 77.00 (76.70 to 77.70): BF1  
2500000  
Ion 182.00 (181.70 to 182.70): BF1  
2000000  
Ion 105.00 (104.70 to 105.70): BF1  
1500000  
Ion 51.00 (50.70 to 51.70): BF1  
1000000  
500000  
0

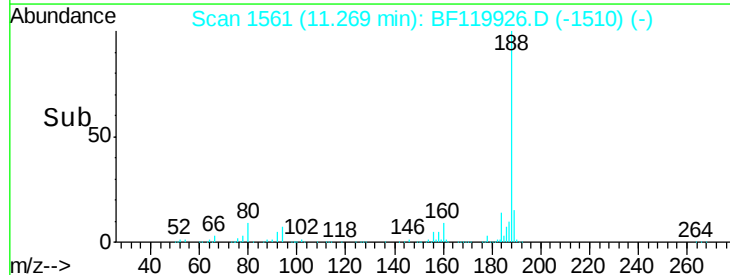
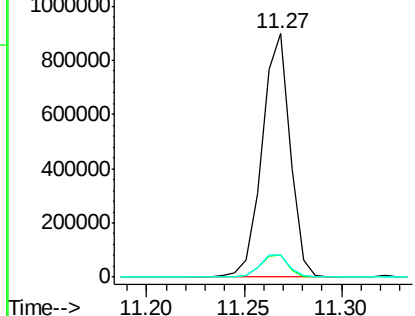


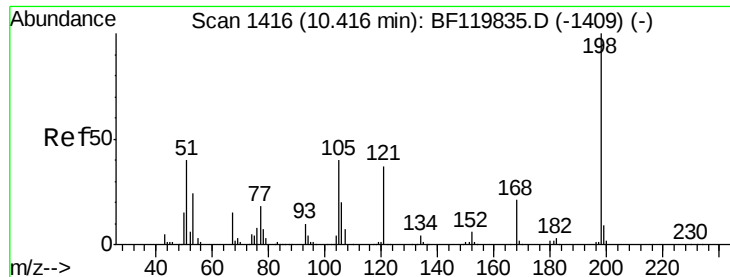
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.27 min Scan# 1561  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Tgt Ion: 188 Resp: 892284  
Ion Ratio Lower Upper  
188 100  
94 8.9 6.7 10.1  
80 9.0 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): BF1  
1200000  
Ion 94.00 (93.70 to 94.70): BF1  
1000000  
Ion 80.00 (79.70 to 80.70): BF1  
800000  
600000  
400000  
200000  
0

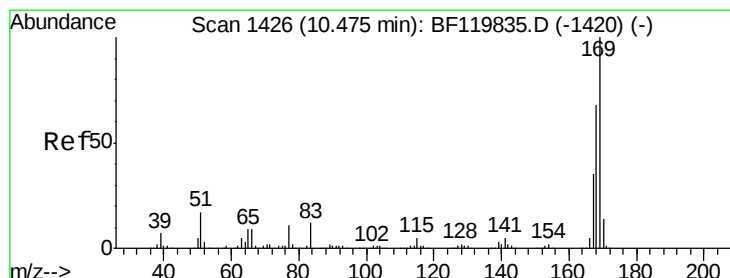
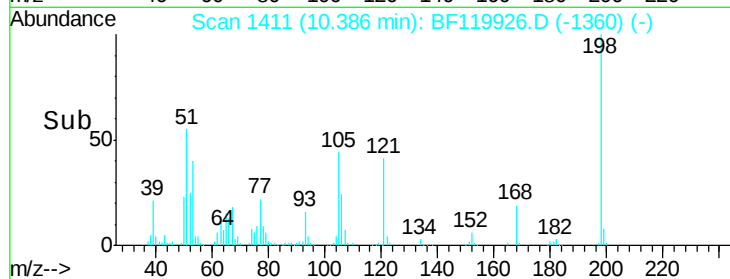
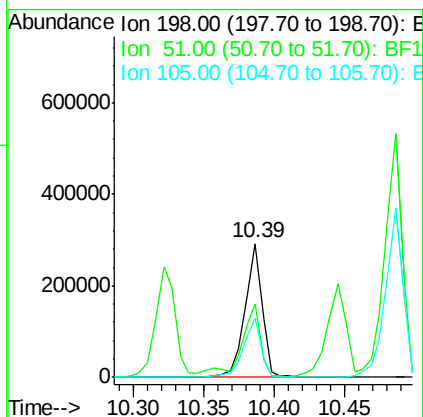
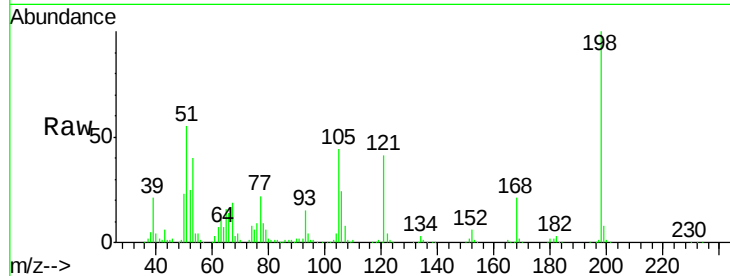




#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.582 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

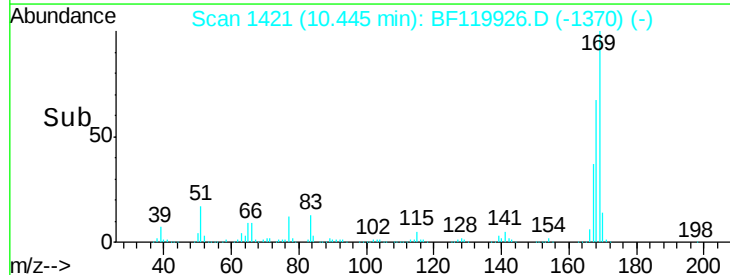
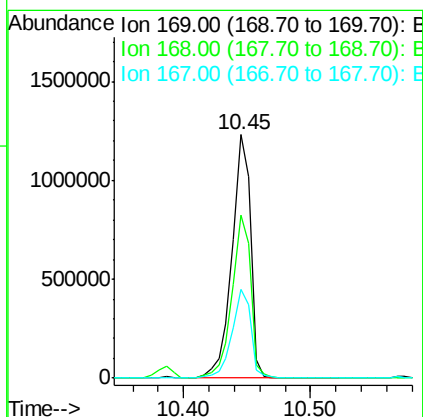
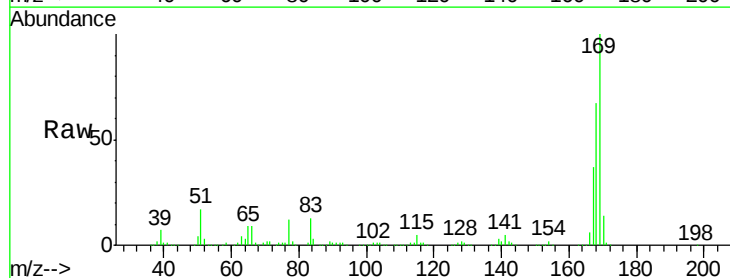
Instrument :  
BNA\_F  
ClientSampleId :

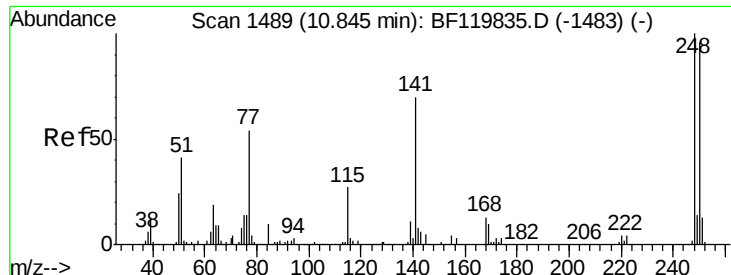
Tot Ion:198 Resp: 250316  
Ion Ratio Lower Upper  
198 100  
51 54.8 25.2 65.2  
105 44.0 20.8 60.8



#66  
n-Nitrosodiphenylamine  
Concen: 41.550 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Tgt Ion:169 Resp: 1232976  
Ion Ratio Lower Upper  
169 100  
168 66.9 54.2 81.4  
167 36.6 28.3 42.5

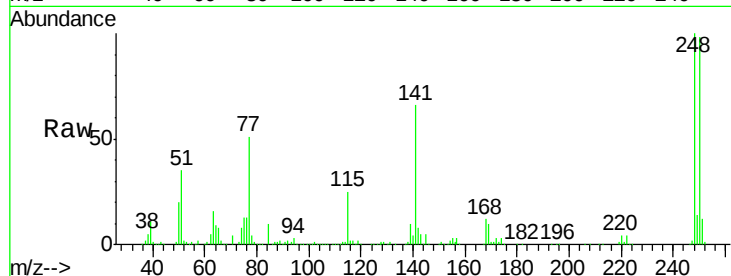




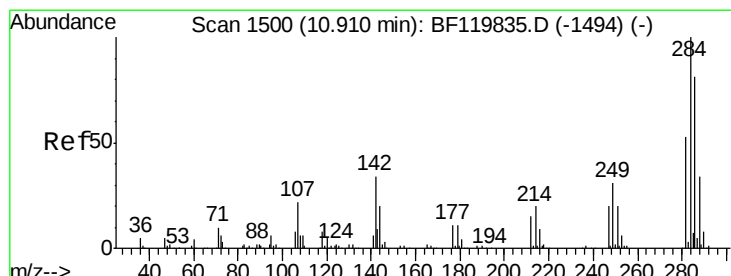
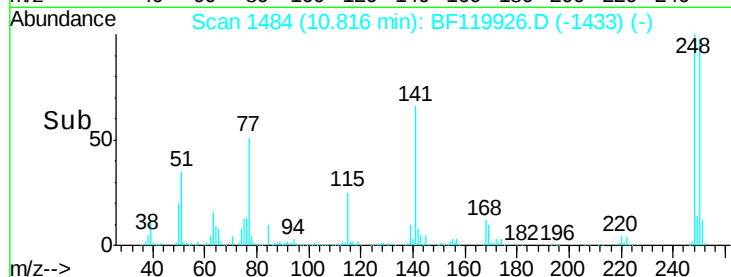
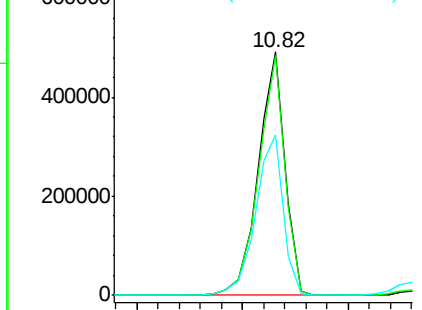
#67  
4-Bromophenyl-phenylether  
Concen: 38.936 ng  
RT: 10.82 min Scan# 1484  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:248 Resp: 432055  
Ion Ratio Lower Upper  
248 100  
250 98.4 76.6 114.8  
141 65.7 55.9 83.9

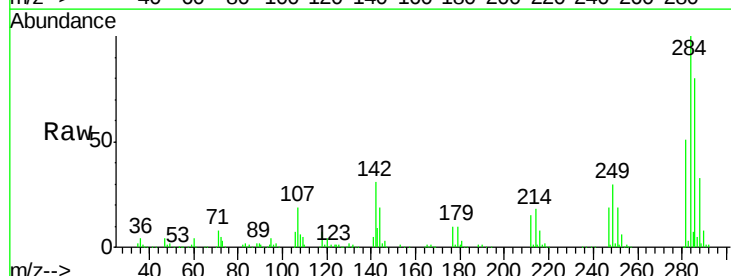


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

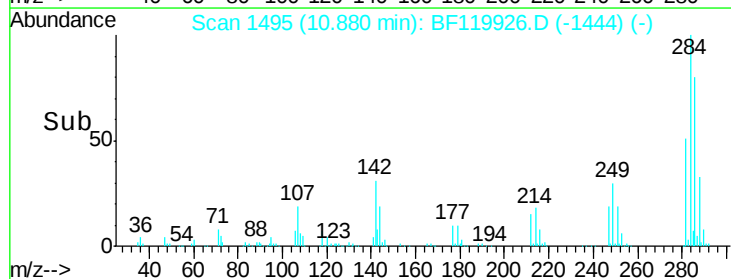
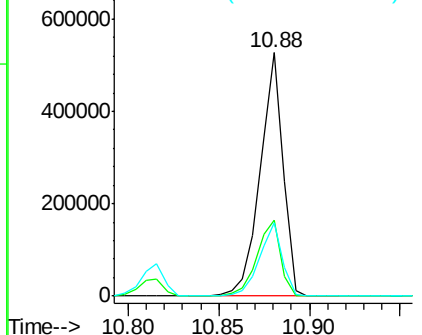


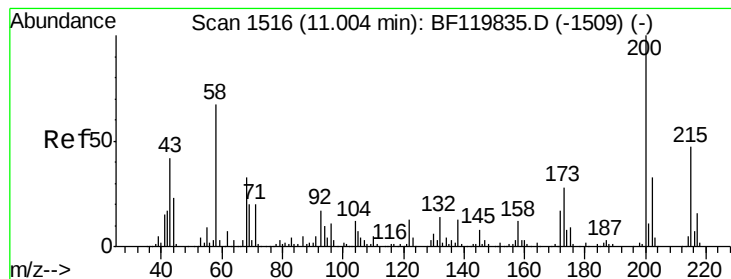
#68  
Hexachlorobenzene  
Concen: 41.309 ng  
RT: 10.88 min Scan# 1495  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Tgt Ion:284 Resp: 465012  
Ion Ratio Lower Upper  
284 100  
142 31.3 26.9 40.3  
249 30.0 24.6 37.0



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





#69

Atrazine

Concen: 46.805 ng

RT: 10.98 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampled :

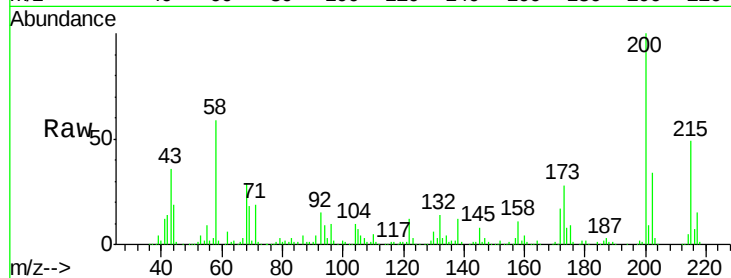
Tot Ion:200 Resp: 386443

Ion Ratio Lower Upper

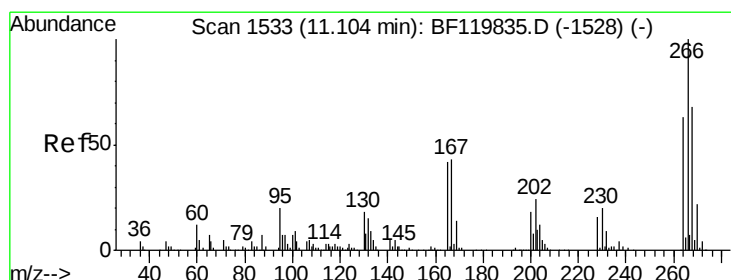
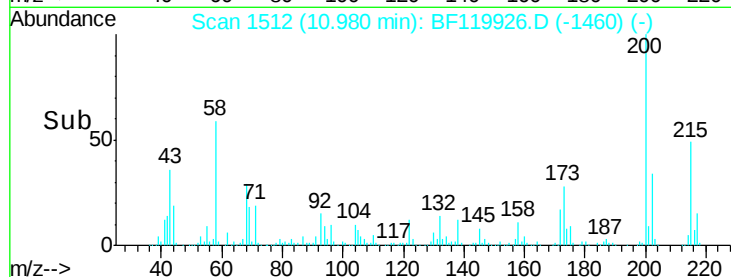
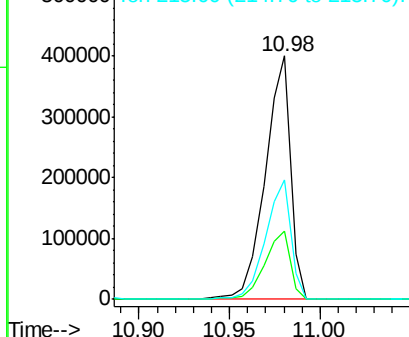
200 100

173 28.1 8.0 48.0

215 49.0 27.1 67.1



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: 78.616 ng

RT: 11.07 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

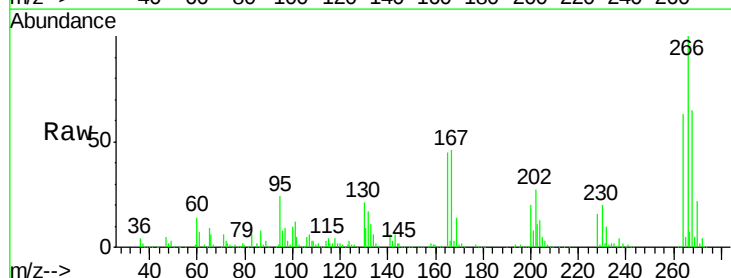
Tgt Ion:266 Resp: 509994

Ion Ratio Lower Upper

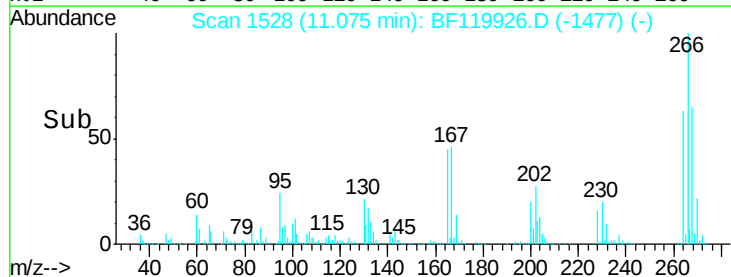
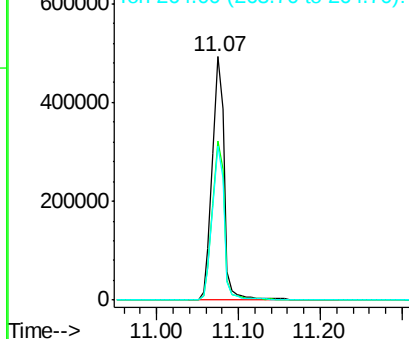
266 100

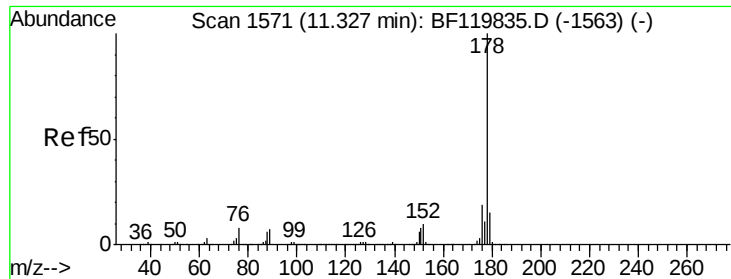
268 65.5 54.2 81.4

264 63.1 50.6 76.0



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

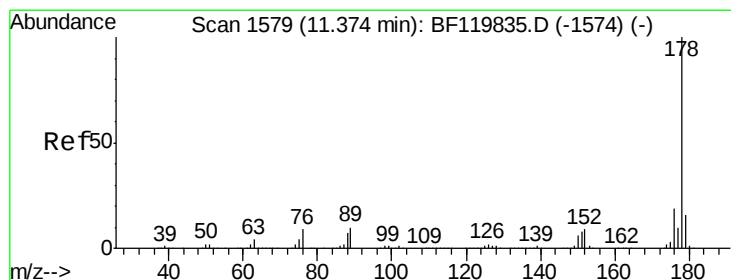
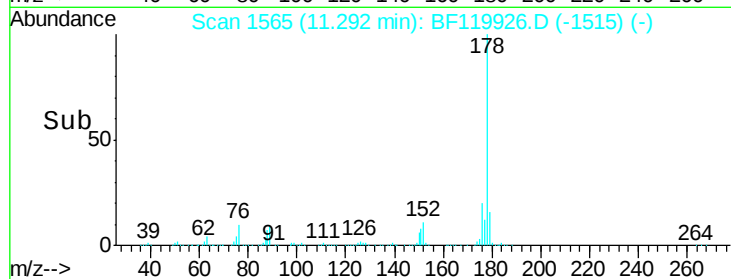
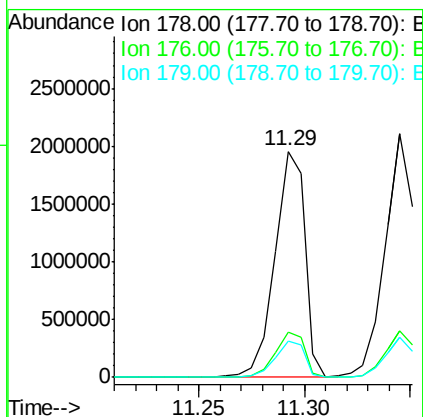
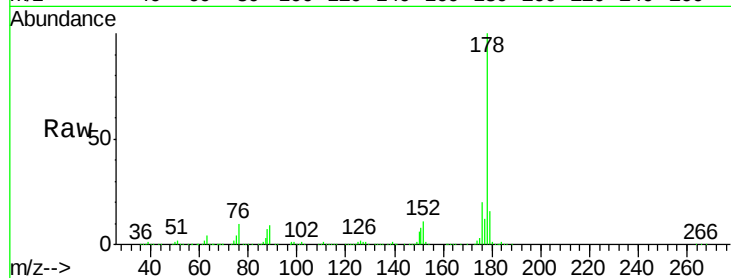




#71  
Phenanthrene  
Concen: 40.932 ng  
RT: 11.29 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

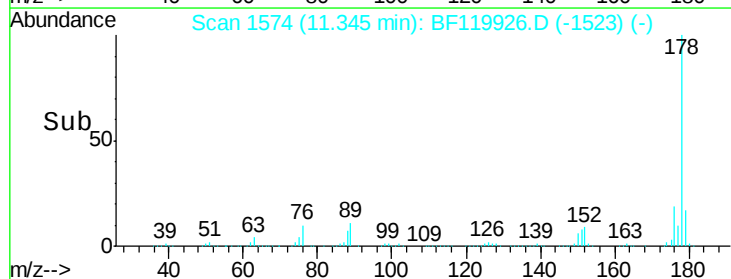
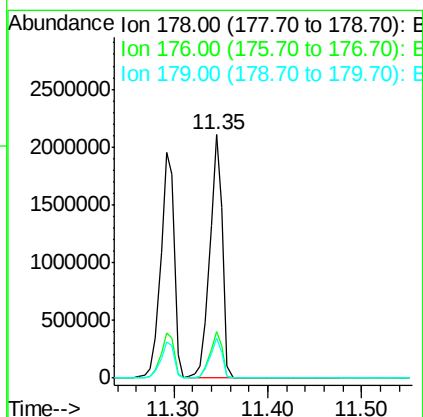
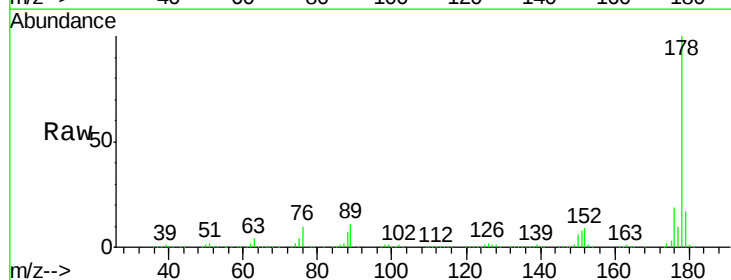
Instrument :  
BNA\_F  
ClientSampleId :

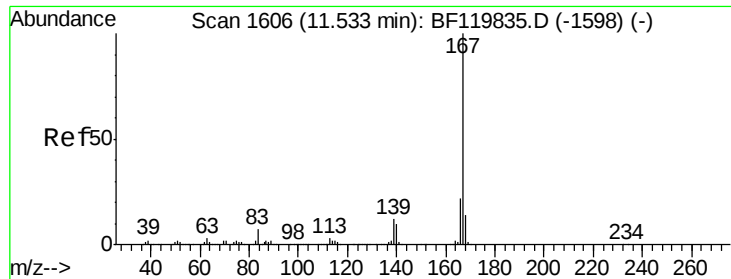
Tot Ion:178 Resp: 1943793  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.1 22.7  
179 16.2 12.2 18.4



#72  
Anthracene  
Concen: 41.136 ng  
RT: 11.35 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Tgt Ion:178 Resp: 1995570  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.2  
179 16.7 12.8 19.2

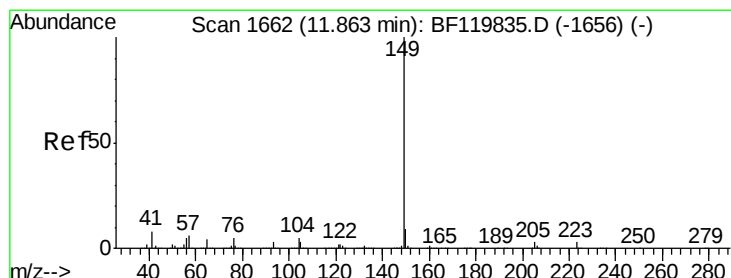
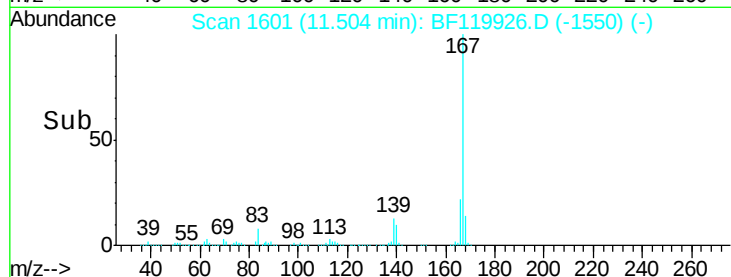
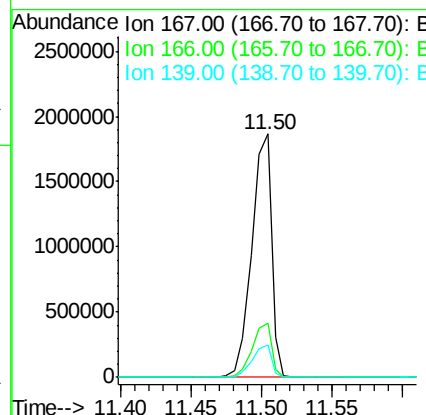
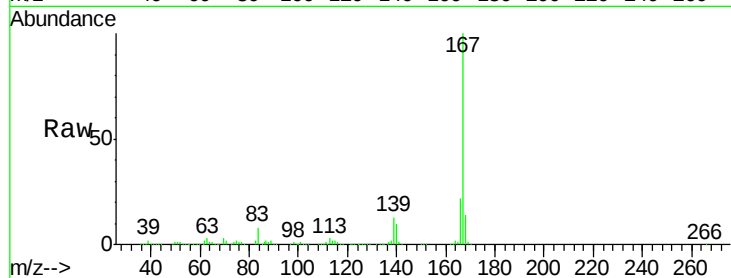




#73  
 Carbazole  
 Concen: 40.104 ng  
 RT: 11.50 min Scan# 1601  
 Delta R.T. -0.00 min  
 Lab File: BF119926.D  
 Acq: 13 Apr 2020 20:25

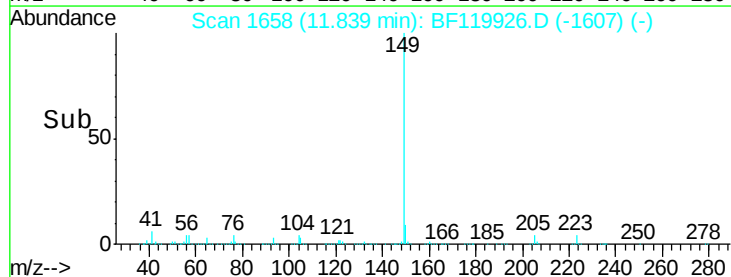
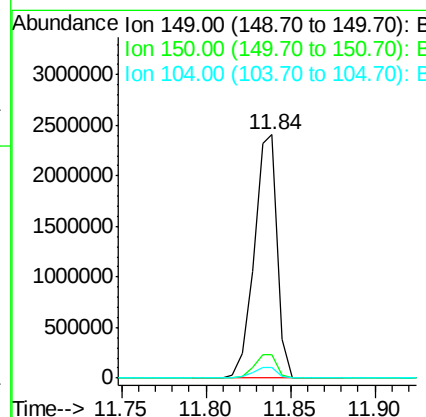
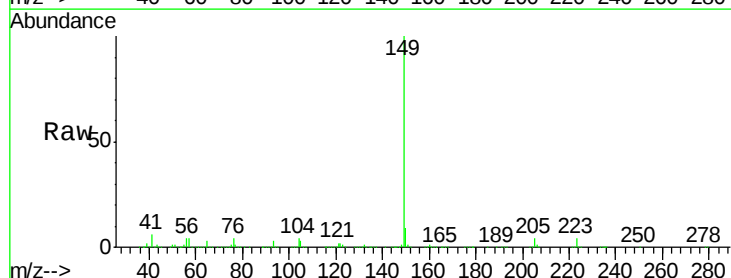
Instrument :  
 BNA\_F  
 ClientSampleId :

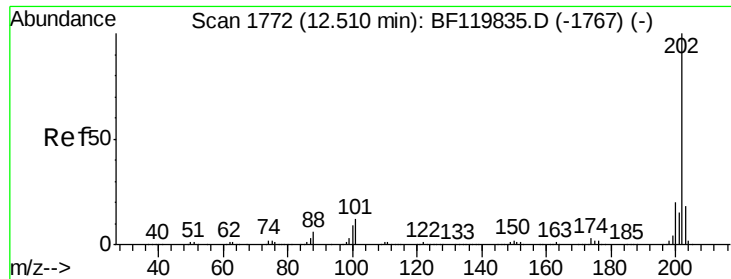
Tot Ion:167 Resp: 1839842  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 17.4 26.0  
 139 13.2 9.8 14.8



#74  
 Di-n-butylphthalate  
 Concen: 37.914 ng  
 RT: 11.84 min Scan# 1658  
 Delta R.T. -0.00 min  
 Lab File: BF119926.D  
 Acq: 13 Apr 2020 20:25

Tgt Ion:149 Resp: 2286579  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.6 11.4  
 104 4.3 3.8 5.6

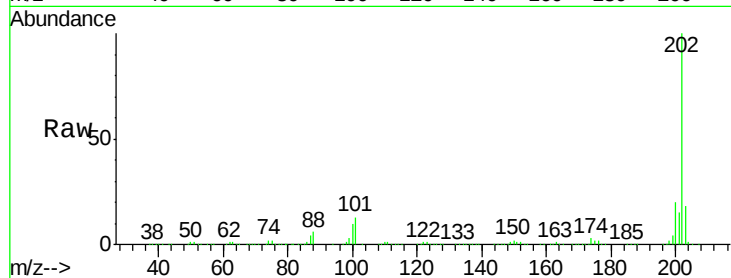




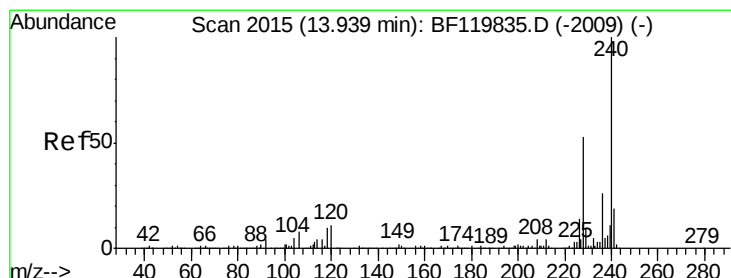
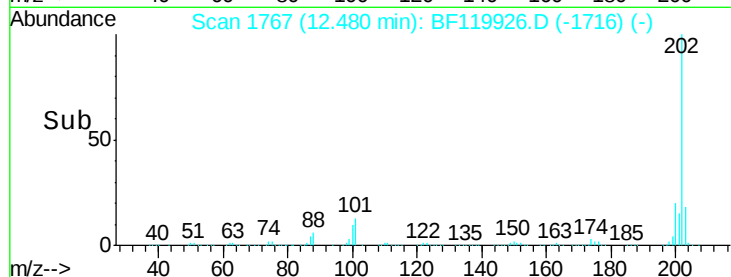
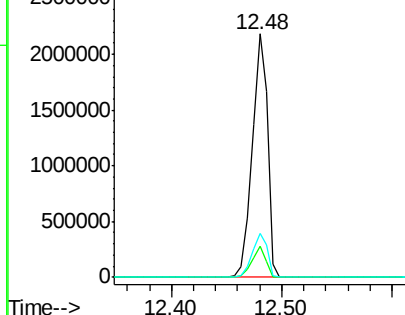
#75  
Fluoranthene  
Concen: 41.465 ng  
RT: 12.48 min Scan# 1767  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:202 Resp: 2124639  
Ion Ratio Lower Upper  
202 100  
101 12.7 0.0 32.3  
203 18.2 0.0 37.6

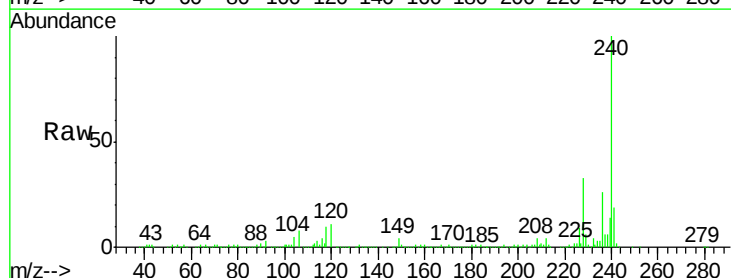


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

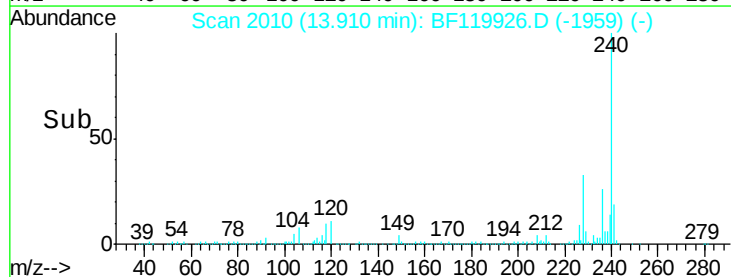
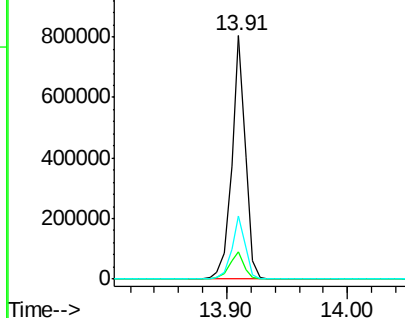


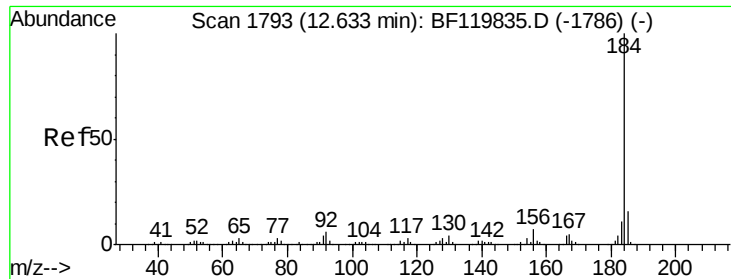
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.91 min Scan# 2010  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Tgt Ion:240 Resp: 624755  
Ion Ratio Lower Upper  
240 100  
120 11.4 9.0 13.6  
236 26.1 20.7 31.1



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

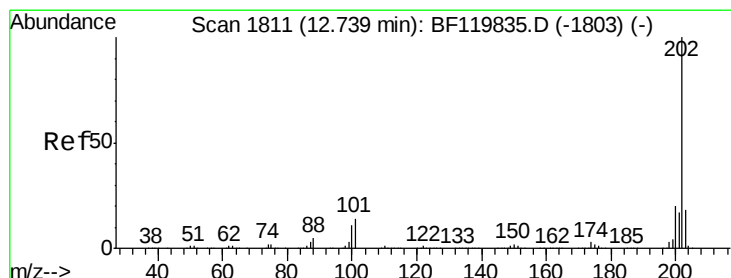
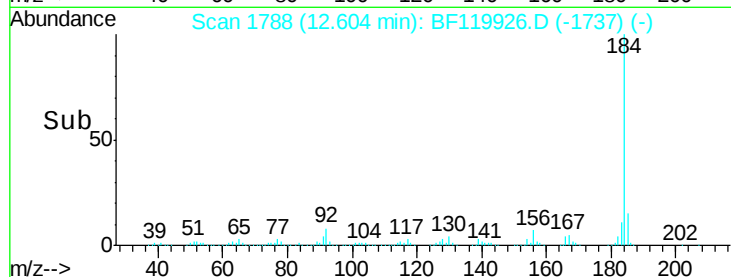
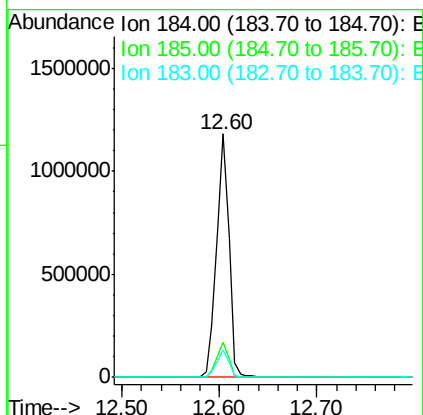
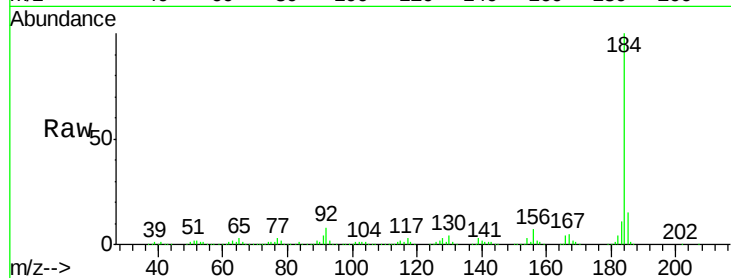




#77  
Benzidine  
Concen: 50.012 ng  
RT: 12.60 min Scan# 1788  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

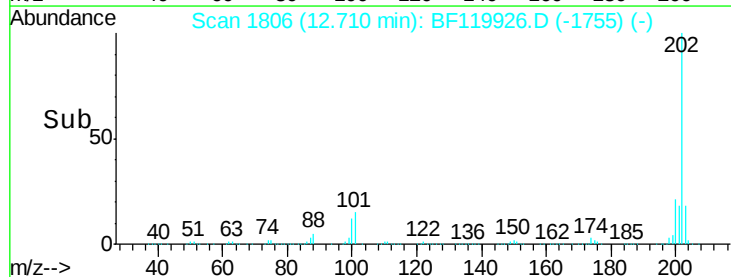
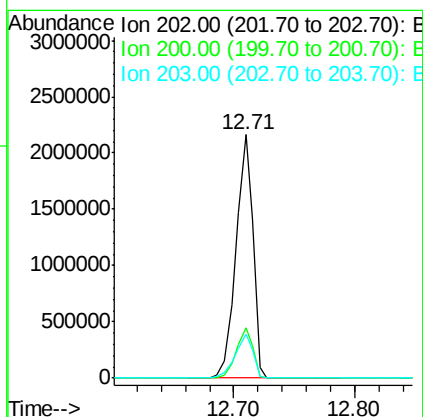
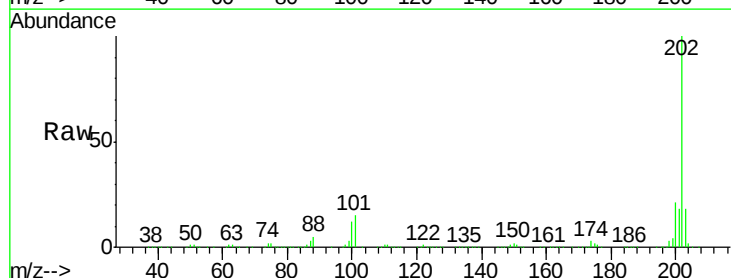
Instrument :  
BNA\_F  
ClientSampleId :

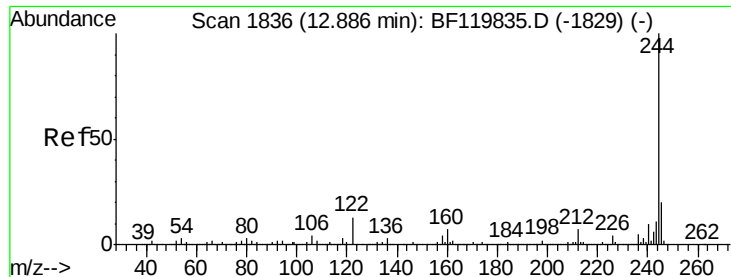
Tot Ion:184 Resp: 1056183  
Ion Ratio Lower Upper  
184 100  
185 14.6 13.2 19.8  
183 11.4 9.1 13.7



#78  
Pyrene  
Concen: 40.263 ng  
RT: 12.71 min Scan# 1806  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Tgt Ion:202 Resp: 2120584  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.2 24.2  
203 18.3 14.1 21.1





#79

Terphenyl-d14

Concen: 50.386 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampled :

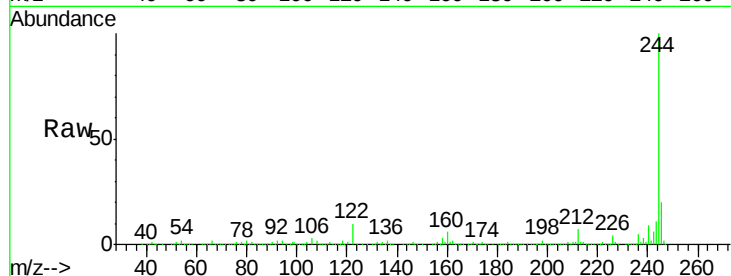
Tot Ion:244 Resp: 1870783

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

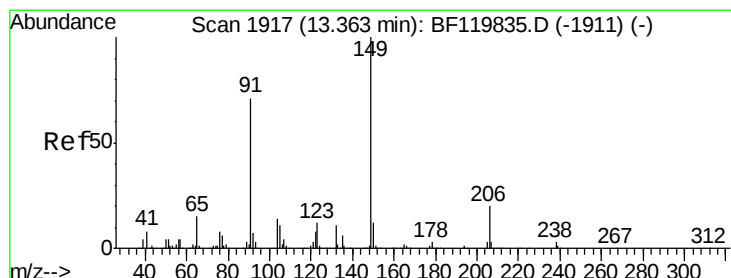
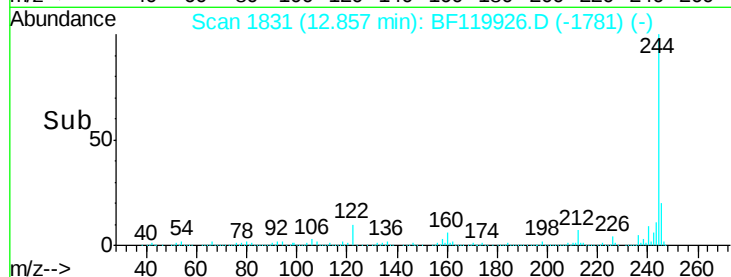
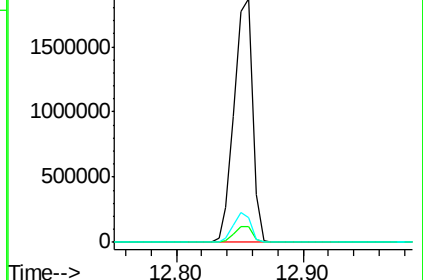
122 10.0 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.485 ng

RT: 13.33 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

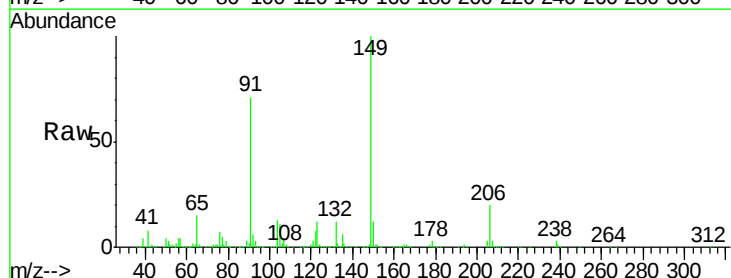
Tgt Ion:149 Resp: 983525

Ion Ratio Lower Upper

149 100

91 71.1 56.7 85.1

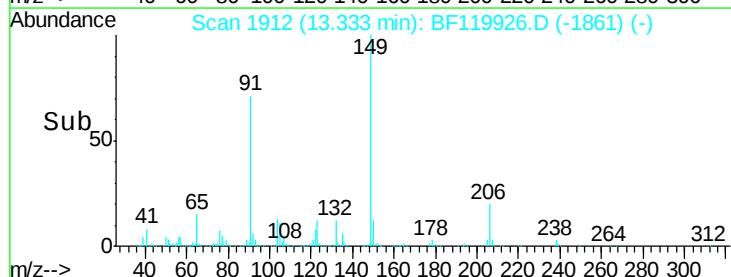
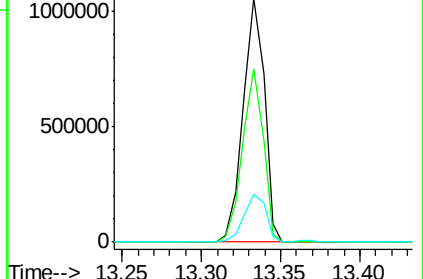
206 19.8 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.207 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

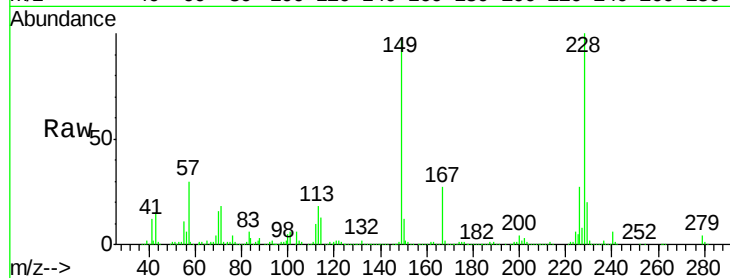
Instrument :

BNA\_F

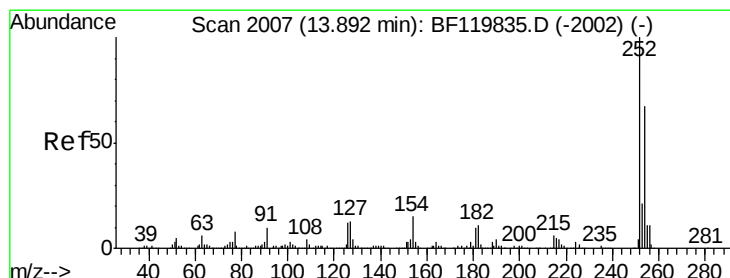
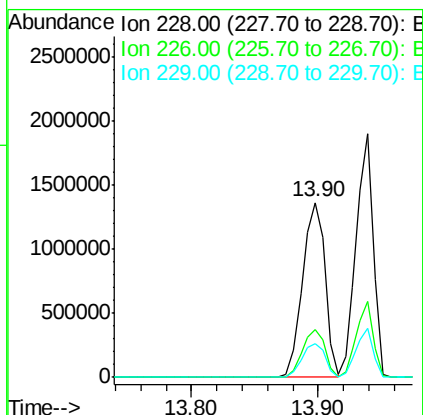
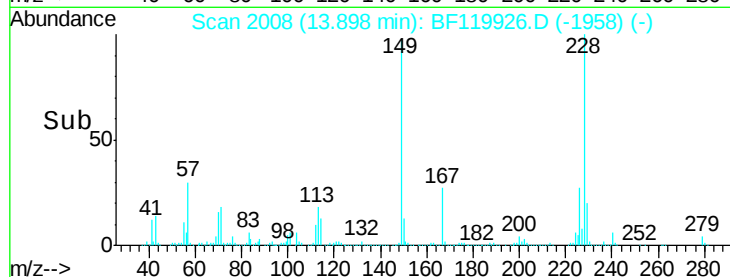
ClientSampled :

Tot Ion:228 Resp: 1693631

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.3  | 21.9  | 32.9  |
| 229 | 19.6  | 15.9  | 23.9  |



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



#82

3,3'-Dichlorobenzidine

Concen: 24.083 ng

RT: 13.86 min Scan# 2002

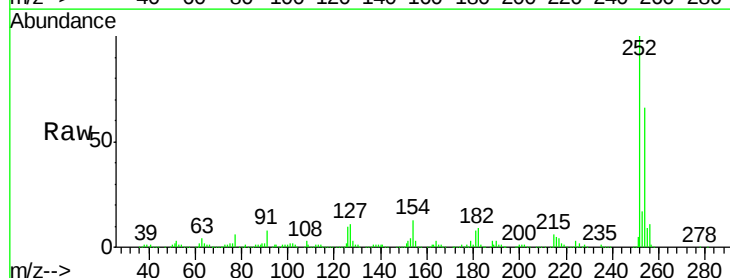
Delta R.T. -0.01 min

Lab File: BF119926.D

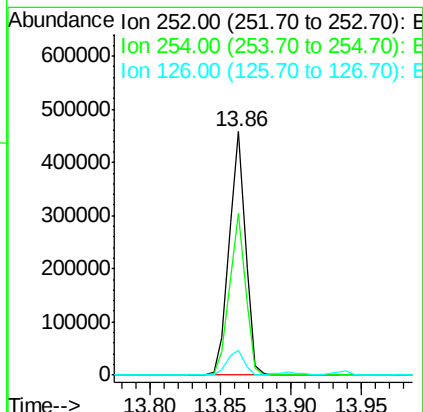
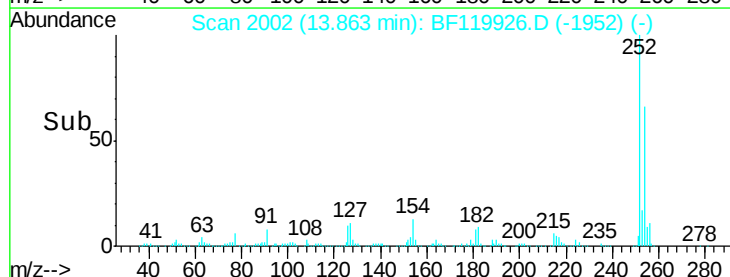
Acq: 13 Apr 2020 20:25

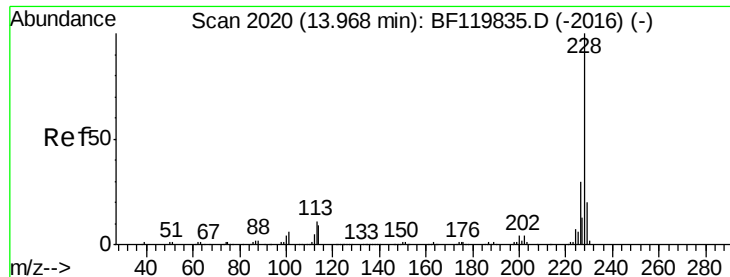
Tgt Ion:252 Resp: 369322

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 66.3  | 53.9  | 80.9  |
| 126 | 10.4  | 9.7   | 14.5  |



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.620 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampled :

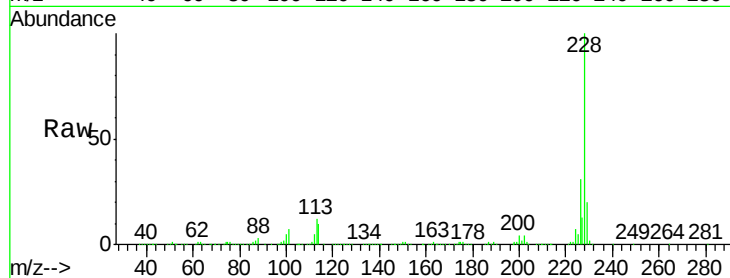
Tot Ion:228 Resp: 1779889

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.2

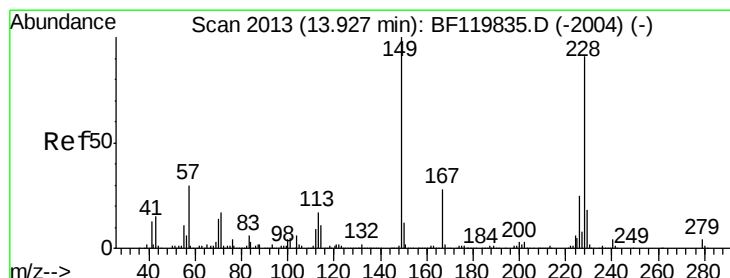
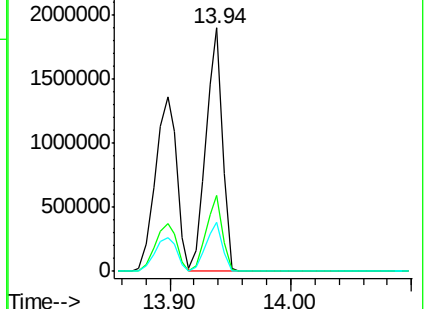
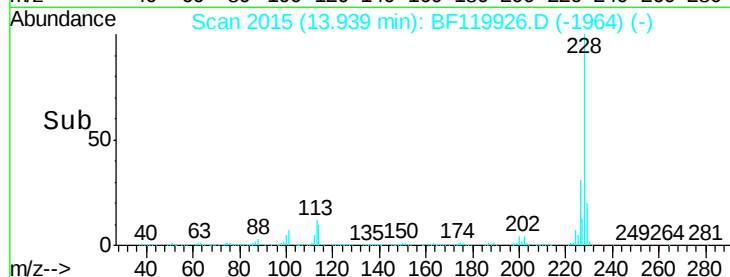
229 20.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.017 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

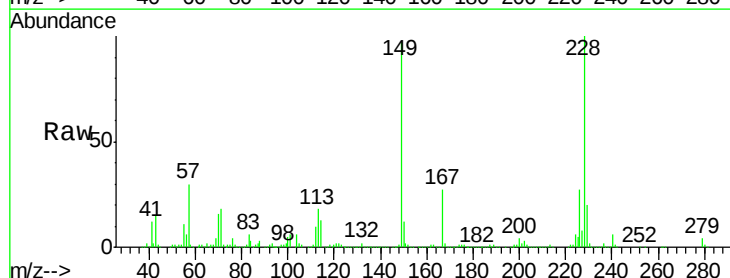
Tgt Ion:149 Resp: 1246497

Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

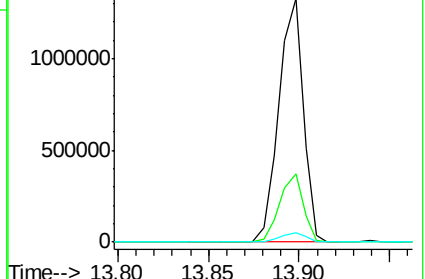
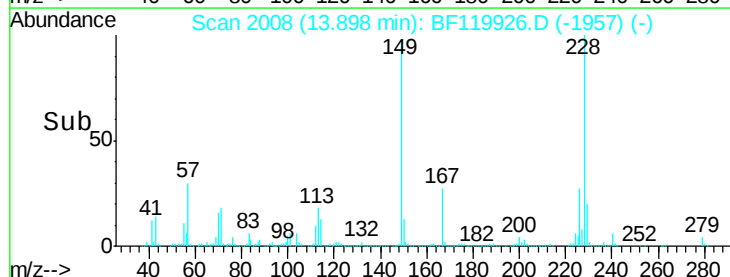
279 4.0 3.4 5.0



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: 39.256 ng

RT: 14.51 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampleId :

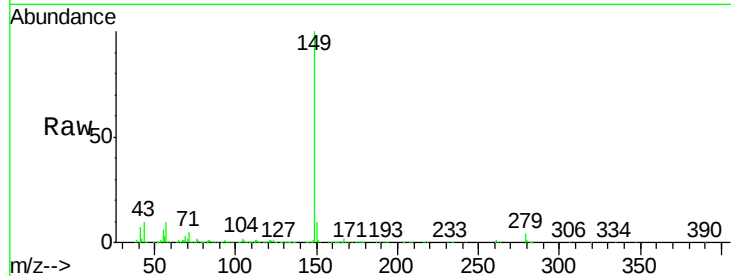
Tot Ion:149 Resp: 2313235

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

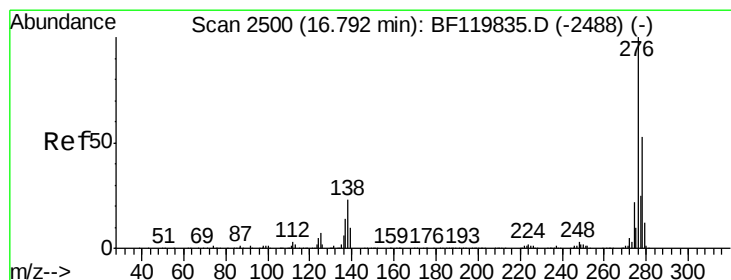
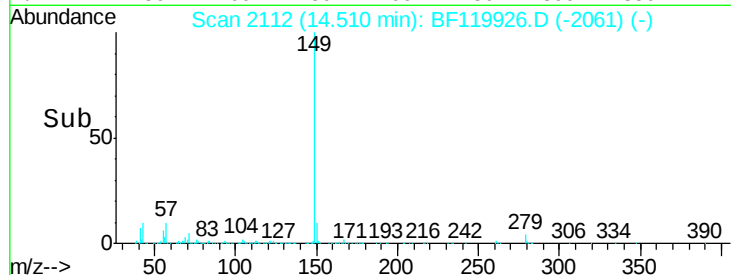
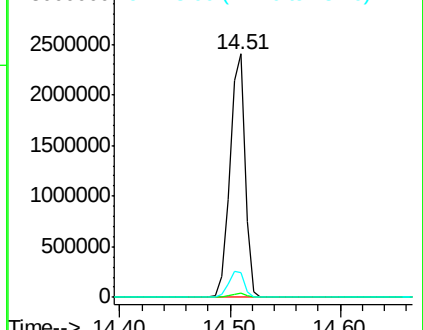
43 10.9 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.292 ng

RT: 16.73 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

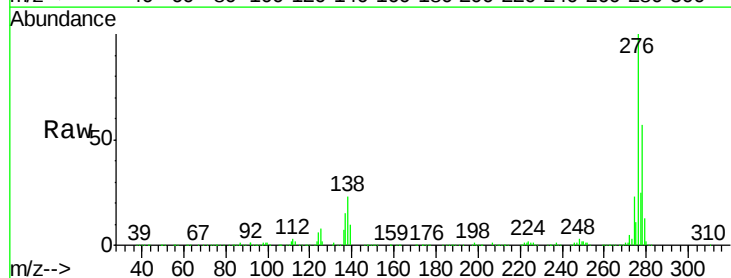
Tgt Ion:276 Resp: 1593674

Ion Ratio Lower Upper

276 100

138 24.0 18.0 27.0

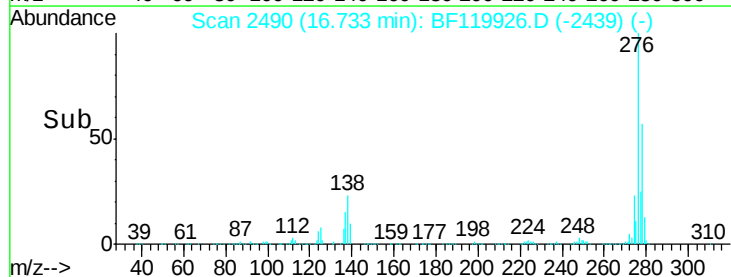
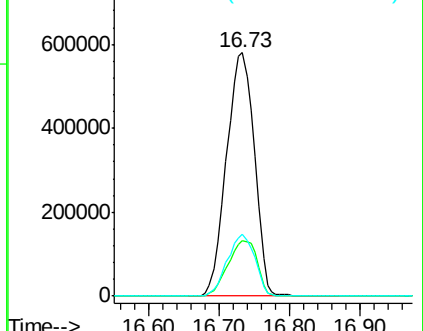
277 25.2 20.1 30.1

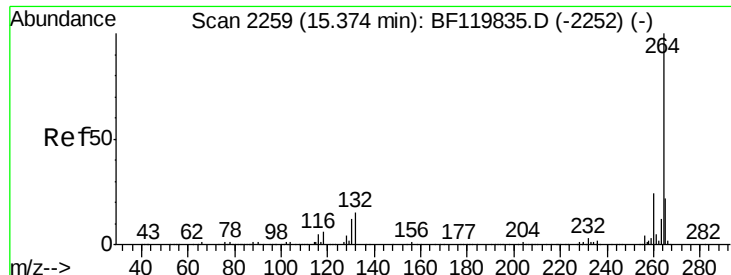


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

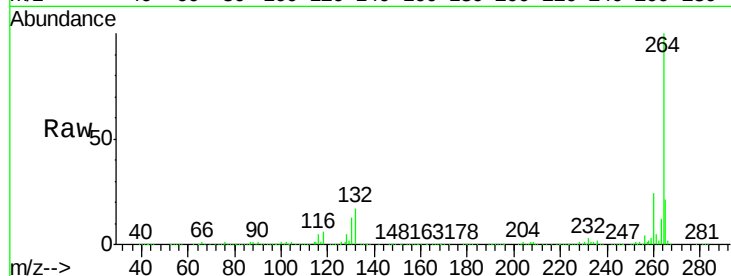




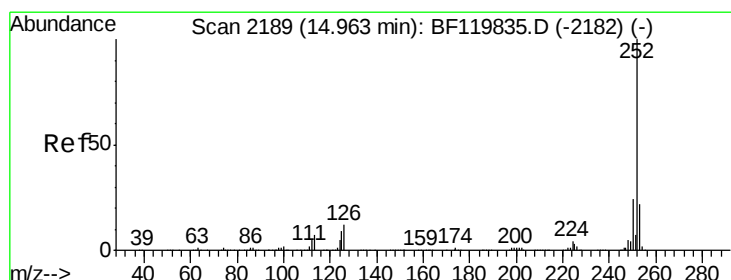
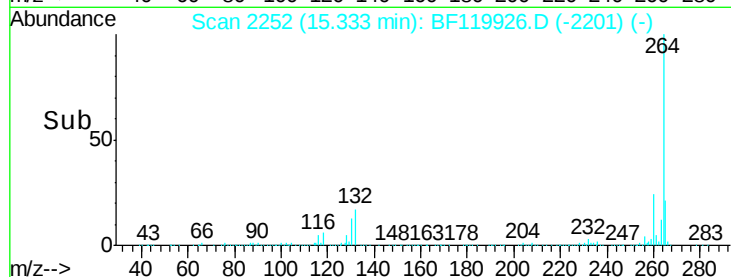
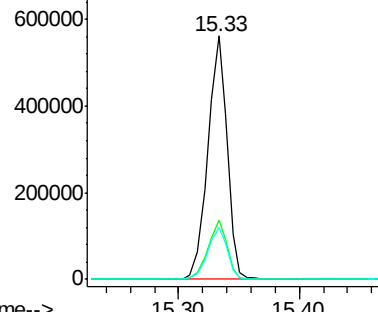
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.33 min Scan# 2252  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:264 Resp: 625952  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.3 28.9  
265 21.3 17.6 26.4

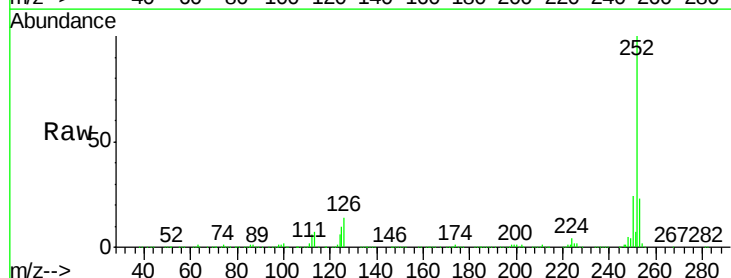


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

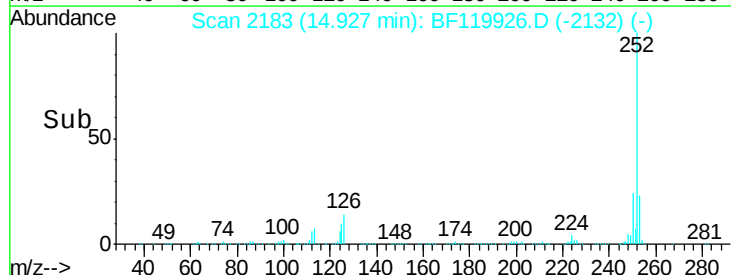
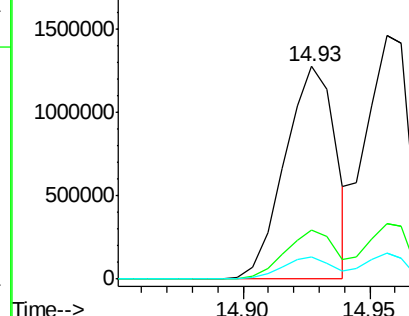


#88  
Benzo(b)fluoranthene  
Concen: 39.534 ng  
RT: 14.93 min Scan# 2183  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Tgt Ion:252 Resp: 1780209  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.7 26.5  
125 10.3 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

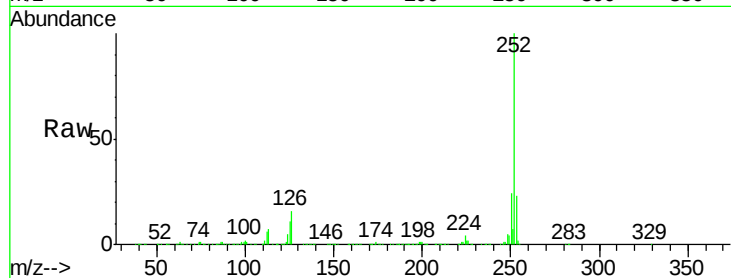




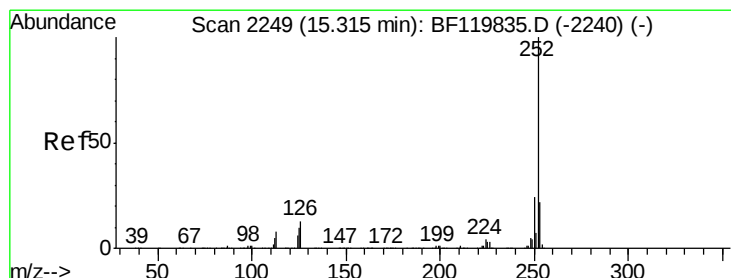
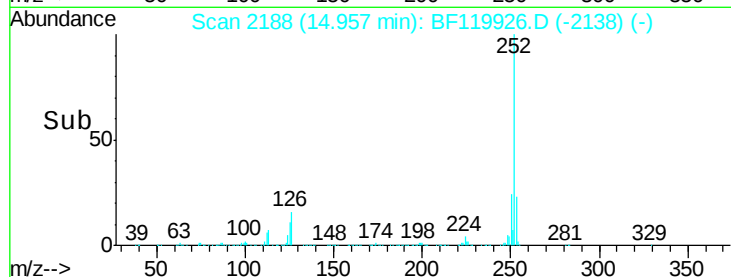
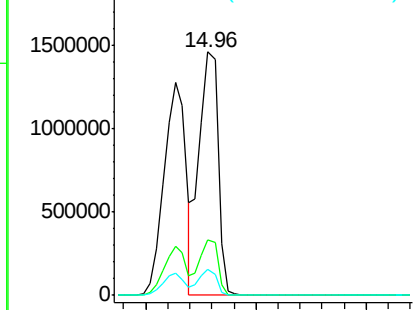
#89  
Benzo(k)fluoranthene  
Concen: 44.278 ng  
RT: 14.96 min Scan# 2188  
Delta R.T. -0.01 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 1720317  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.8 26.8  
125 10.9 7.7 11.5

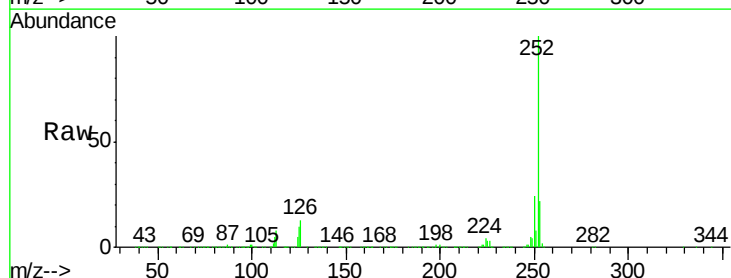


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

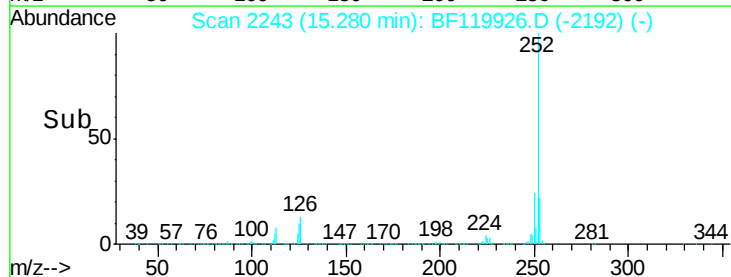
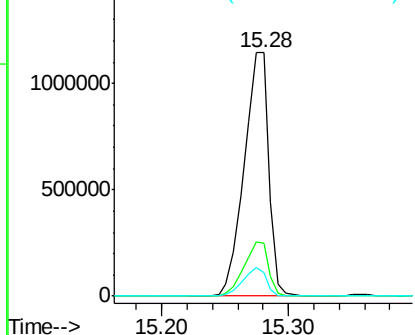


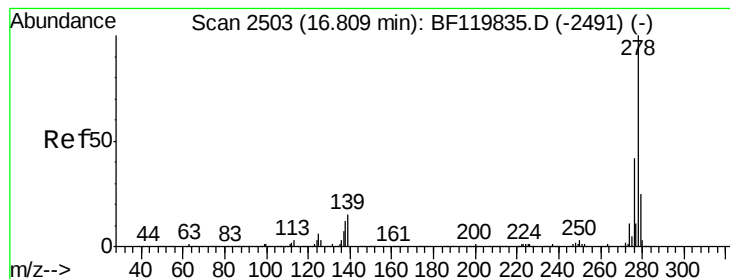
#90  
Benzo(a)pyrene  
Concen: 40.841 ng  
RT: 15.28 min Scan# 2243  
Delta R.T. -0.00 min  
Lab File: BF119926.D  
Acq: 13 Apr 2020 20:25

Tgt Ion:252 Resp: 1546277  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.4 26.2  
125 9.8 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.619 ng

RT: 16.75 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA\_F

ClientSampled :

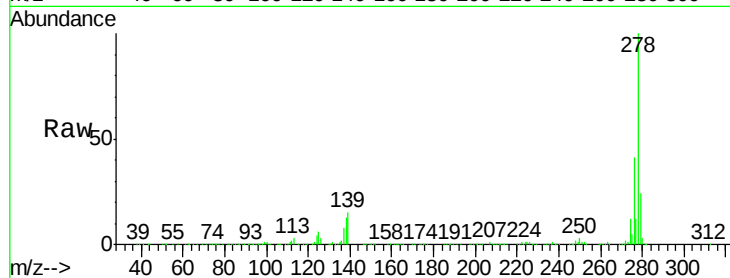
Tot Ion:278 Resp: 1328684

Ion Ratio Lower Upper

278 100

139 15.4 11.6 17.4

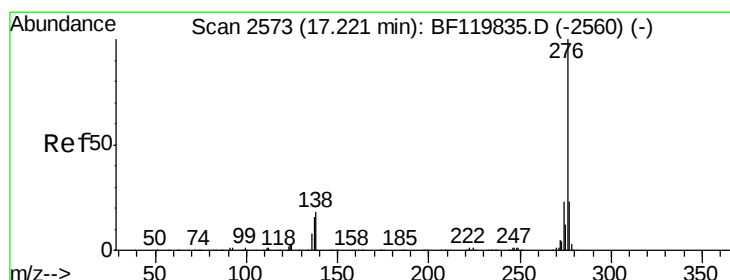
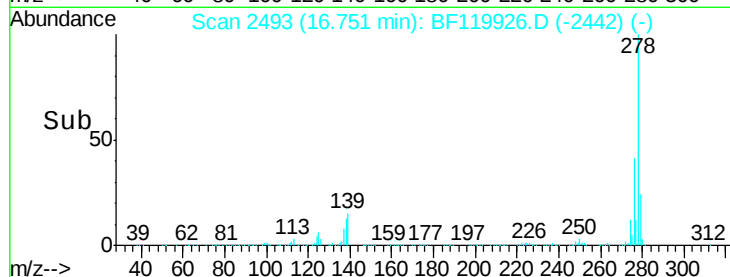
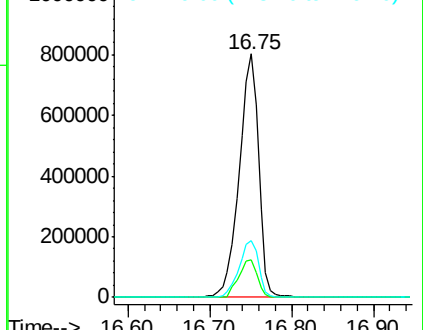
279 23.5 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.252 ng

RT: 17.16 min Scan# 2562

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

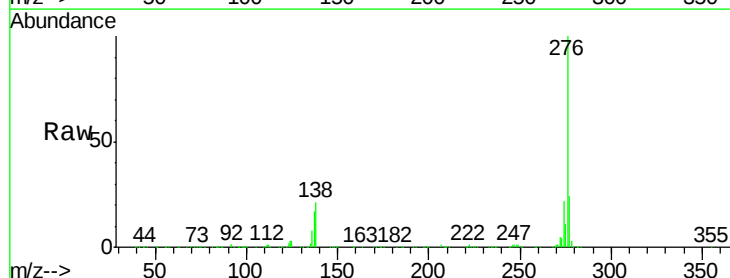
Tgt Ion:276 Resp: 1299397

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 20.6 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

