

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\  
 Data File : BF114570.D  
 Acq On : 24 May 2019 15:23  
 Operator : JU/SJ  
 Sample : PB119776BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119776BS

Quant Time: May 24 22:35:23 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 24 07:23:33 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.81  | 152  | 151833   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 592902   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.85  | 164  | 287662   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.34 | 188  | 584859   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.99 | 240  | 400464   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.46 | 264  | 378196   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.46  | 112 | 1210208 | 128.27 | ng | 0.01 |
| 7) Phenol-d6             | 6.47  | 99  | 1537131 | 137.75 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.38  | 82  | 946801  | 89.62  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.65 | 330 | 395437  | 132.97 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.17  | 172 | 1716884 | 90.28  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.92 | 244 | 1822679 | 93.82  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.65 | 88  | 213023  | 41.077 | ng | 98     |
| 3) Pyridine                    | 3.41 | 79  | 448909  | 31.418 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.35 | 42  | 236624  | 34.342 | ng | 99     |
| 6) Aniline                     | 6.48 | 93  | 434447  | 26.952 | ng | # 23   |
| 8) 2-Chlorophenol              | 6.61 | 128 | 448059  | 44.484 | ng | 92     |
| 9) Benzaldehyde                | 6.37 | 77  | 219940  | 28.154 | ng | 97     |
| 10) Phenol                     | 6.48 | 94  | 541723  | 41.267 | ng | 87     |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 424194  | 42.564 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 462214  | 40.881 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.83 | 146 | 473089  | 41.524 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 441286  | 42.396 | ng | 97     |
| 15) Benzyl Alcohol             | 6.96 | 79  | 362303  | 41.628 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45  | 761054  | 39.385 | ng | 61     |
| 17) 2-Methylphenol             | 7.08 | 107 | 349905  | 42.290 | ng | # 92   |
| 18) Hexachloroethane           | 7.32 | 117 | 174473  | 40.798 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 304143  | 43.000 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.23 | 107 | 461815  | 48.309 | ng | # 67   |
| 22) Acetophenone               | 7.22 | 105 | 602964  | 45.906 | ng | # 90   |
| 24) Nitrobenzene               | 7.40 | 77  | 468430  | 43.533 | ng | 97     |
| 25) Isophorone                 | 7.63 | 82  | 851414  | 43.454 | ng | 99     |
| 26) 2-Nitrophenol              | 7.72 | 139 | 245107  | 46.950 | ng | 100    |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 396210  | 48.322 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93  | 542045  | 42.637 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 375330  | 45.971 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.04 | 180 | 393892  | 42.426 | ng | 98     |
| 31) Naphthalene                | 8.12 | 128 | 1261831 | 45.561 | ng | 98     |
| 32) Benzoic acid               | 7.91 | 122 | 251521  | 43.750 | ng | 98     |
| 33) 4-Chloroaniline            | 8.17 | 127 | 312768  | 24.782 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.23 | 225 | 215546  | 40.803 | ng | 99     |
| 35) Caprolactam                | 8.55 | 113 | 72693   | 27.305 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 8.67 | 107 | 397701  | 48.392 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.81 | 142 | 859218  | 48.085 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.91 | 142 | 806017  | 47.899 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 391002  | 44.871 | ng | 99     |

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 Sample : PB119776BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

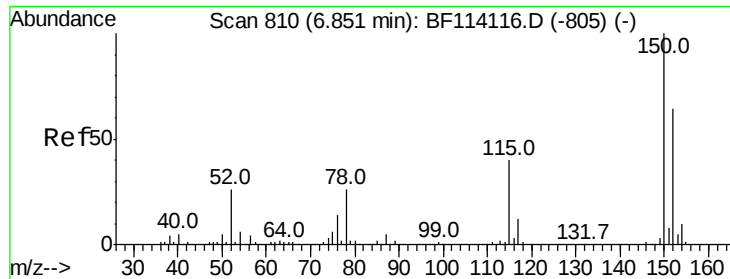
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119776BS

Quant Time: May 24 22:35:23 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 24 07:23:33 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.96  | 237  | 178495   | 45.916 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.10  | 196  | 249931   | 41.699 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.15  | 196  | 263586   | 42.882 | nq    | 95       |
| 46) 1,1'-Biphenyl              | 9.27  | 154  | 1050413  | 45.200 | nq    | 97       |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 804695   | 43.026 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.40  | 65   | 273080   | 41.171 | nq    | 92       |
| 49) Acenaphthylene             | 9.72  | 152  | 1278595  | 44.949 | nq    | 99       |
| 50) Dimethylphthalate          | 9.57  | 163  | 927902   | 43.941 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.65  | 165  | 211487   | 45.153 | nq #  | 83       |
| 52) Acenaphthene               | 9.89  | 154  | 744887   | 42.674 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.82  | 138  | 158516   | 27.264 | nq    | 95       |
| 54) 2,4-Dinitrophenol          | 9.94  | 184  | 178152   | 76.011 | nq    | 93       |
| 55) Dibenzofuran               | 10.06 | 168  | 1083602  | 42.335 | nq    | 99       |
| 56) 4-Nitrophenol              | 10.00 | 139  | 239365   | 58.215 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.06 | 165  | 260478   | 40.973 | nq #  | 80       |
| 58) Fluorene                   | 10.40 | 166  | 901858   | 45.616 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.19 | 232  | 220412   | 41.558 | nq    | 99       |
| 60) Diethylphthalate           | 10.27 | 149  | 938625   | 43.746 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 430079   | 44.291 | nq    | 94       |
| 62) 4-Nitroaniline             | 10.43 | 138  | 226027   | 36.995 | nq    | 97       |
| 63) Azobenzene                 | 10.55 | 77   | 893387   | 43.016 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.47 | 198  | 124469   | 44.290 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 10.51 | 169  | 797871   | 44.949 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.88 | 248  | 271785   | 42.206 | nq    | 95       |
| 68) Hexachlorobenzene          | 10.96 | 284  | 292260   | 41.025 | nq    | 97       |
| 69) Atrazine                   | 11.04 | 200  | 244030   | 44.177 | nq    | 98       |
| 70) Pentachlorophenol          | 11.16 | 266  | 226589   | 67.098 | nq    | 99       |
| 71) Phenanthrene               | 11.36 | 178  | 1282490  | 45.072 | nq    | 98       |
| 72) Anthracene                 | 11.42 | 178  | 1331560  | 46.591 | nq    | 99       |
| 73) Carbazole                  | 11.57 | 167  | 1233857  | 45.274 | nq    | 98       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 1469881  | 46.814 | nq    | 99       |
| 75) Fluoranthene               | 12.56 | 202  | 1378849  | 44.999 | nq    | 99       |
| 77) Benzidine                  | 12.67 | 184  | 627193   | 34.890 | nq    | 95       |
| 78) Pyrene                     | 12.79 | 202  | 1407012  | 43.675 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.39 | 149  | 632328   | 46.633 | nq    | 95       |
| 81) Benzo(a)anthracene         | 13.97 | 228  | 1137206  | 43.905 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 317631   | 31.611 | nq #  | 98       |
| 83) Chrysene                   | 14.02 | 228  | 1138983  | 44.858 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 870908   | 49.108 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.57 | 149  | 1426377  | 49.616 | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.94 | 276  | 961695   | 42.856 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 15.03 | 252  | 1067739  | 44.068 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.06 | 252  | 1048099  | 47.090 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.40 | 252  | 1013557  | 47.532 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.94 | 278  | 808152   | 45.609 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.38 | 276  | 798785   | 44.984 | nq    | 99       |

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



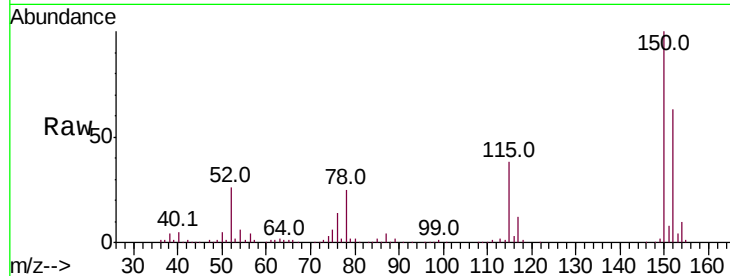


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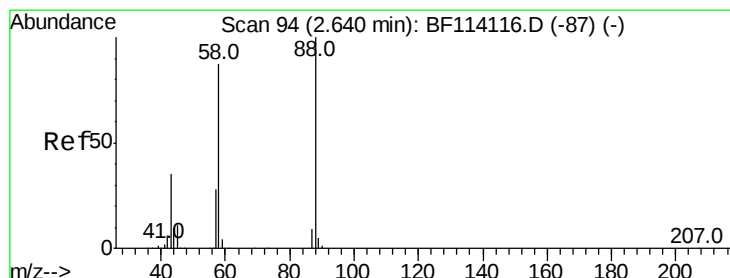
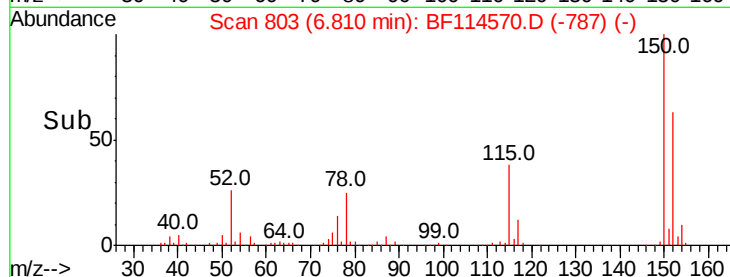
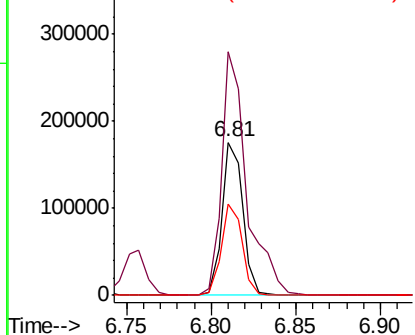
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.81 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB119776BS

Tot Ion:152 Resp: 151833  
Ion Ratio Lower Upper  
152 100  
150 159.1 124.3 186.5  
115 60.1 49.1 73.7



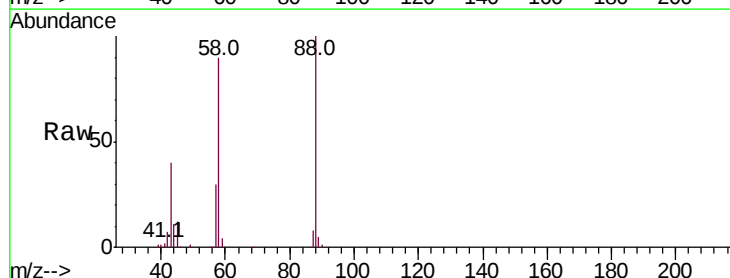
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



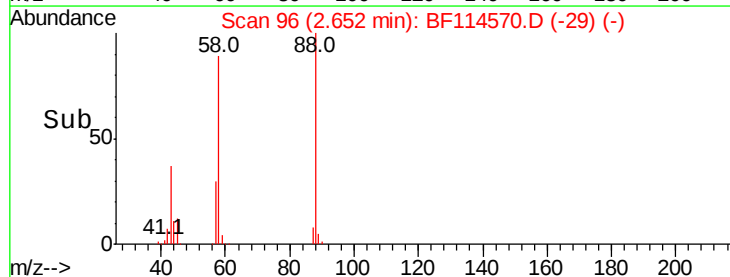
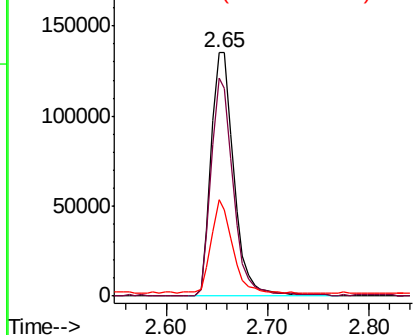
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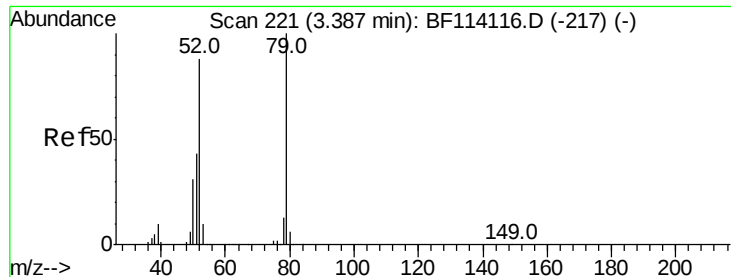
1,4-Dioxane  
Concen: 41.077 ng  
RT: 2.65 min Scan# 96  
Delta R.T. 0.09 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Tgt Ion: 88 Resp: 213023  
Ion Ratio Lower Upper  
88 100  
58 87.5 68.7 103.1  
43 35.9 28.2 42.2



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: 31.418 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.11 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

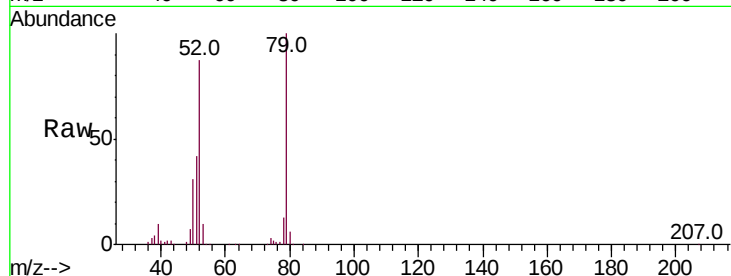
Tot Ion: 79 Resp: 448909

Ion Ratio Lower Upper

79 100

52 86.6 70.6 105.8

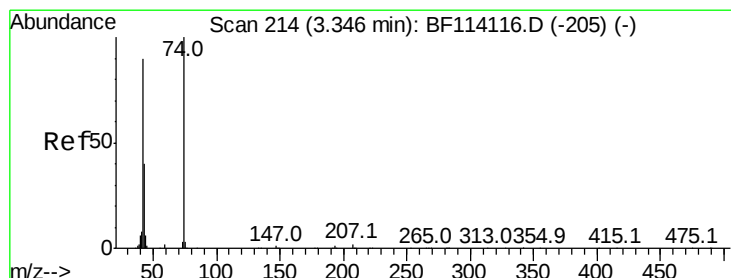
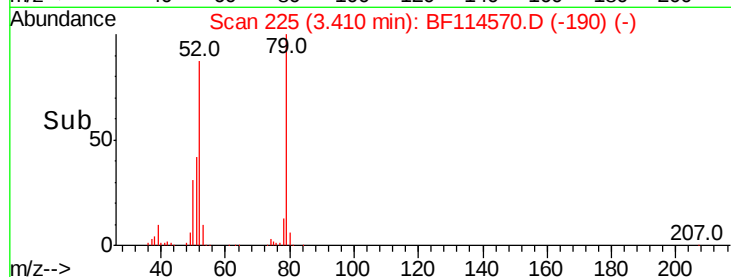
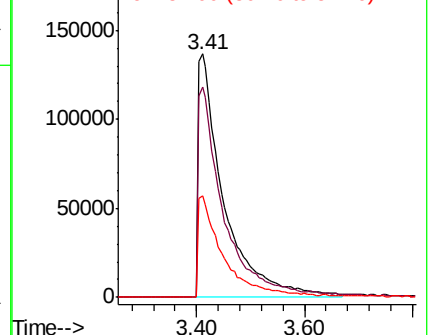
51 41.6 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.342 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.09 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

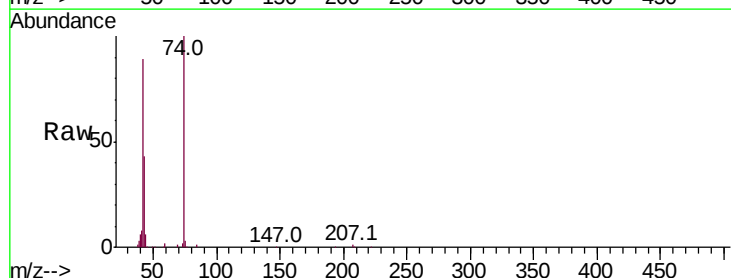
Tgt Ion: 42 Resp: 236624

Ion Ratio Lower Upper

42 100

74 111.9 88.6 132.8

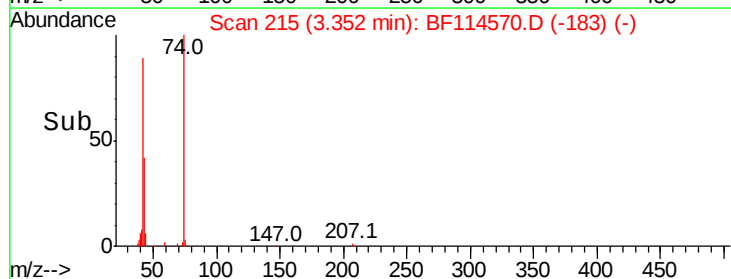
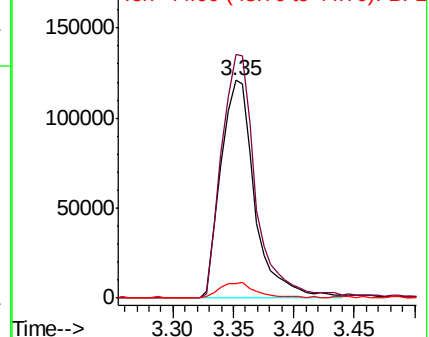
44 6.8 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 128.269 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

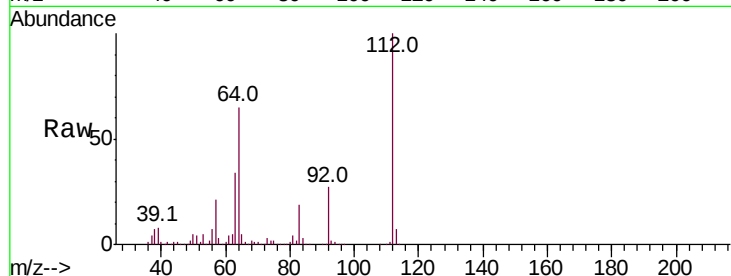
Tot Ion:112 Resp: 1210208

Ion Ratio Lower Upper

112 100

64 65.4 49.0 73.6

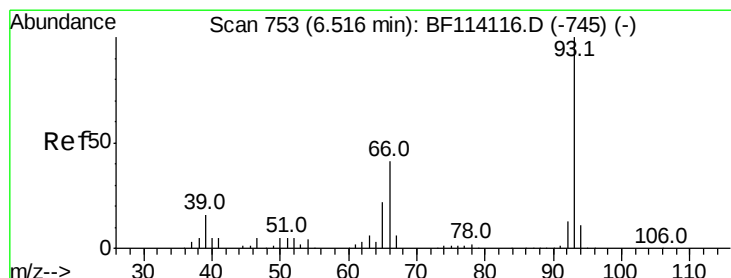
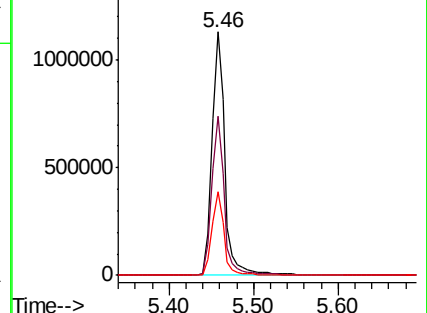
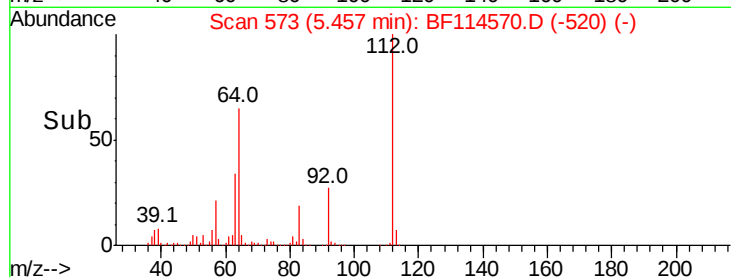
63 34.3 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.952 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

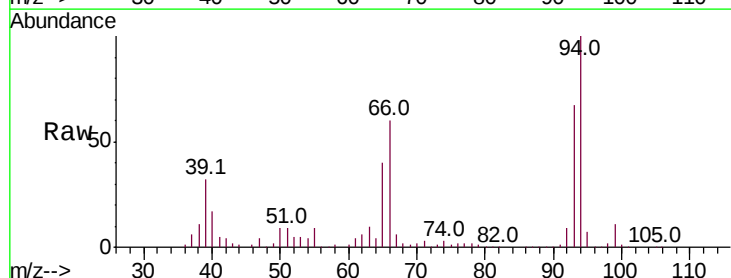
Tgt Ion: 93 Resp: 434447

Ion Ratio Lower Upper

93 100

66 89.5 33.2 49.8#

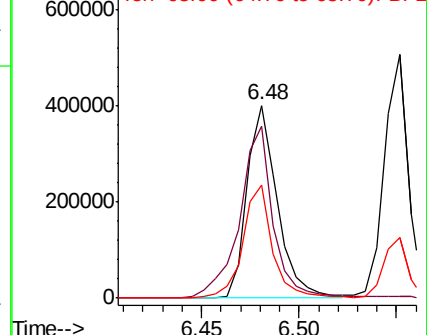
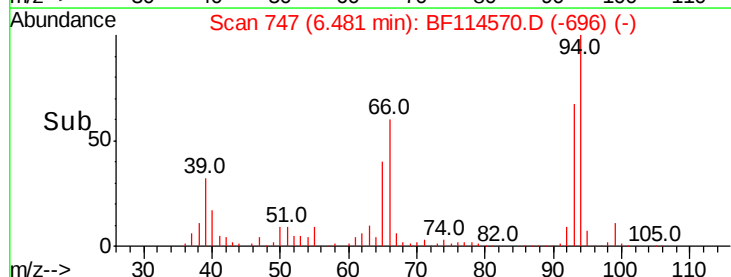
65 59.0 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 137.748 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

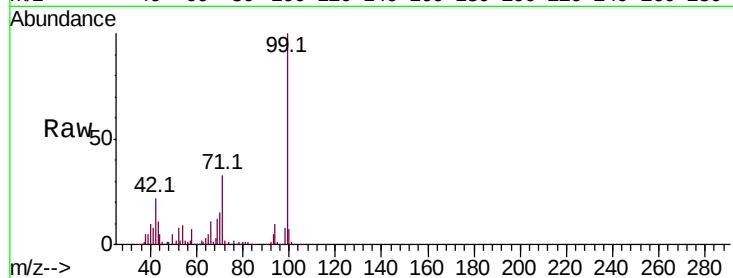
Tot Ion: 99 Resp: 1537131

Ion Ratio Lower Upper

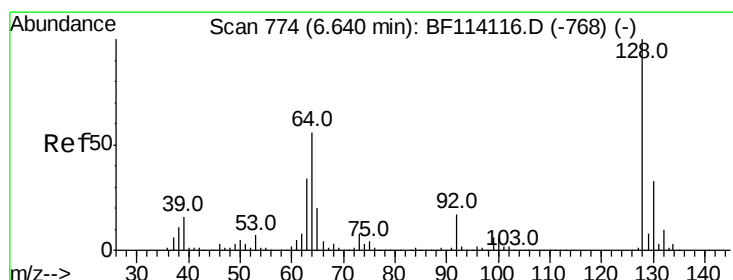
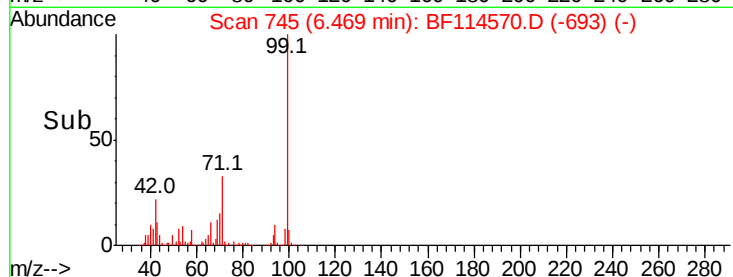
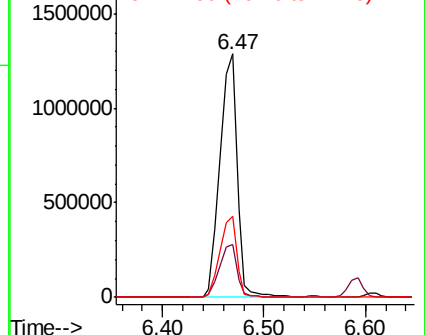
99 100

42 21.9 17.9 26.9

71 33.3 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.484 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

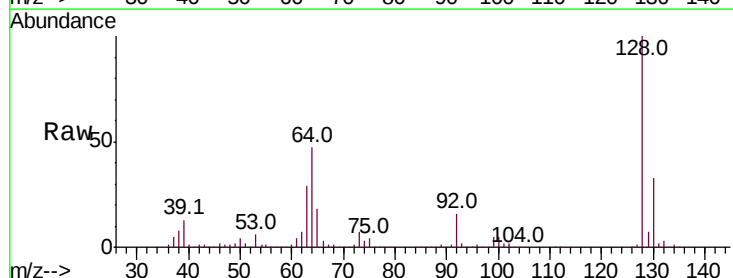
Tgt Ion:128 Resp: 448059

Ion Ratio Lower Upper

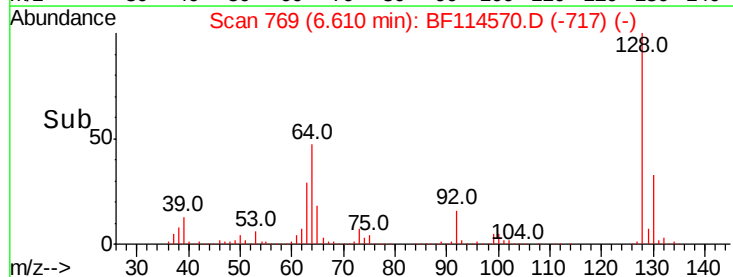
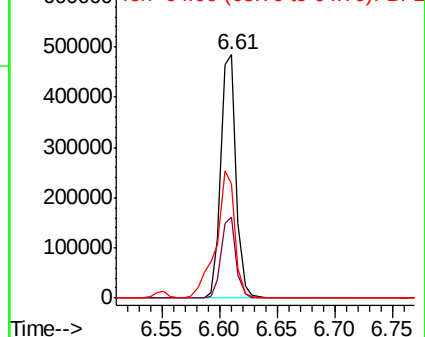
128 100

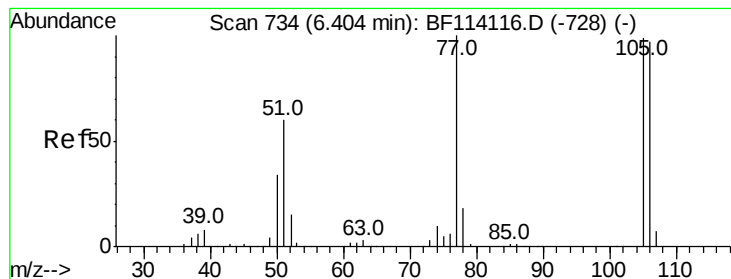
130 33.3 12.6 52.6

64 47.0 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.154 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

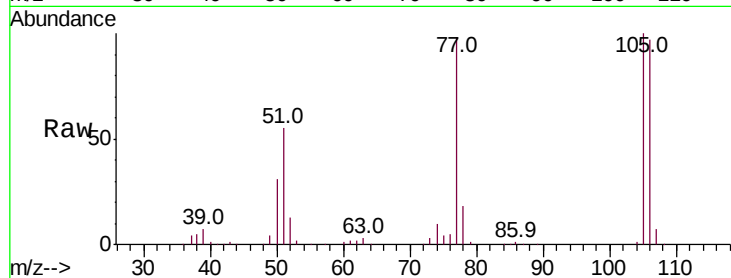
Tot Ion: 77 Resp: 219940

Ion Ratio Lower Upper

77 100

105 102.4 79.3 119.3

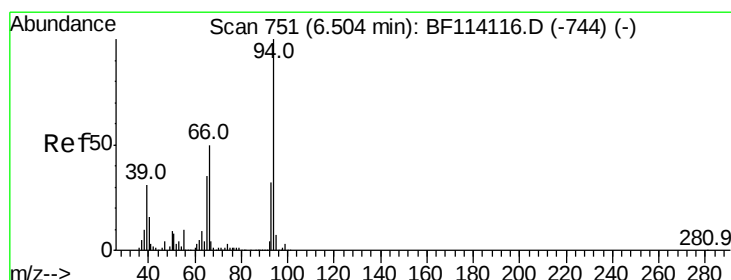
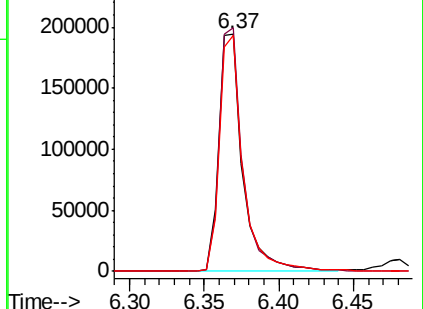
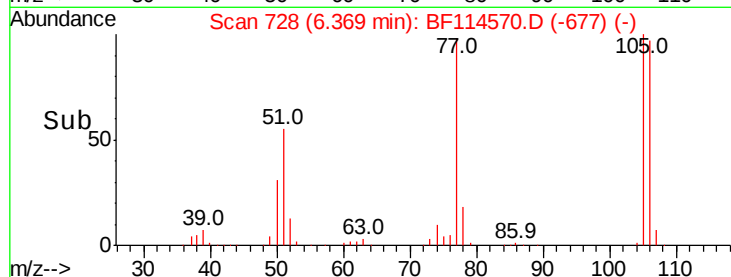
106 99.0 77.0 117.0



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: 41.267 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

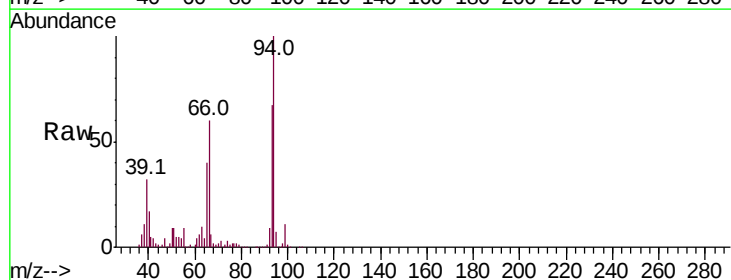
Tgt Ion: 94 Resp: 541723

Ion Ratio Lower Upper

94 100

65 39.8 14.7 54.7

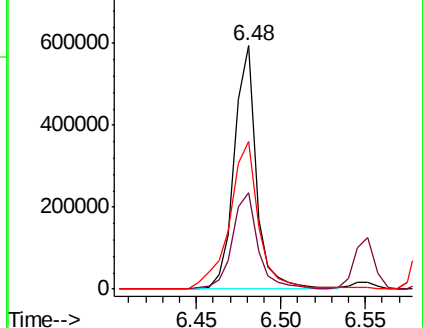
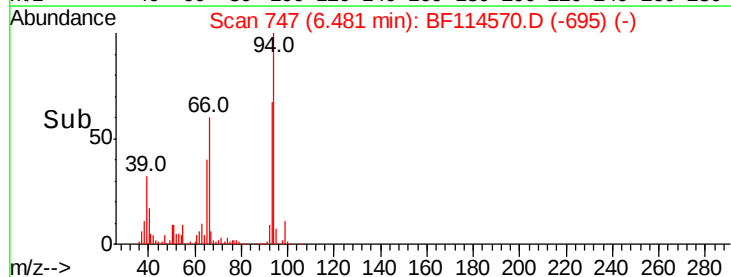
66 60.4 29.6 69.6



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

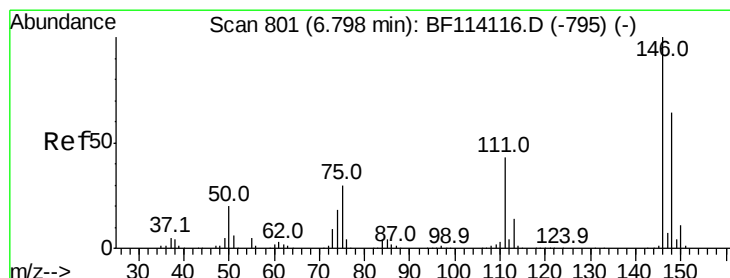
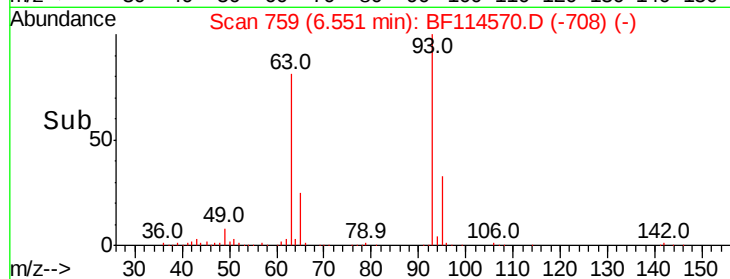
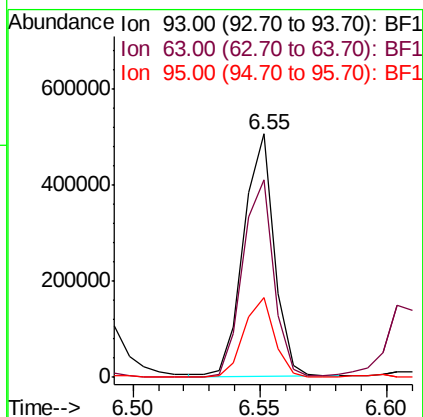
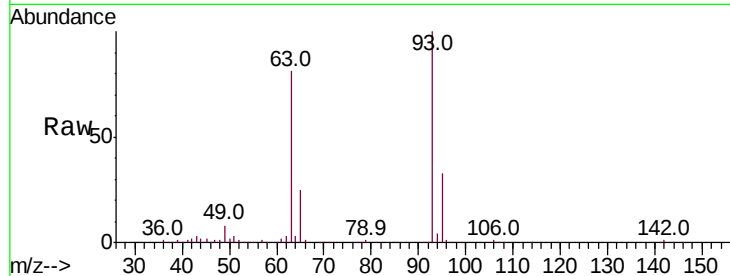




#11  
bis(2-Chloroethyl)ether  
Concen: 42.564 ng  
RT: 6.55 min Scan# 759  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

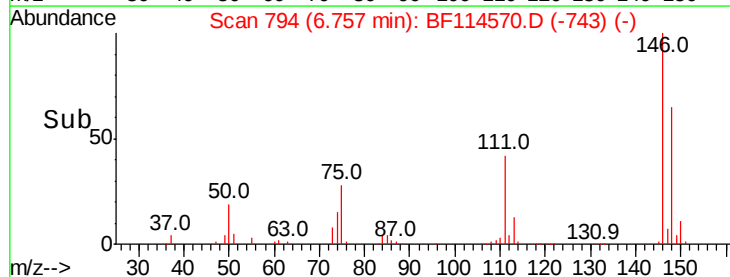
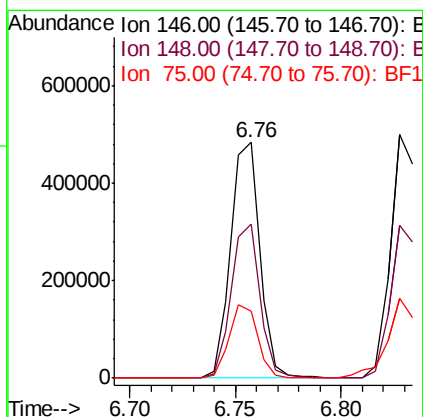
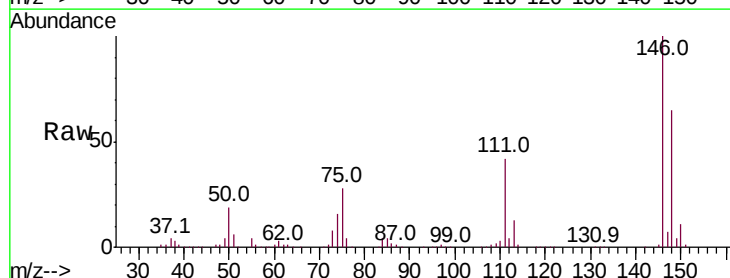
Instrument :  
BNA\_F  
ClientSampleId :  
PB119776BS

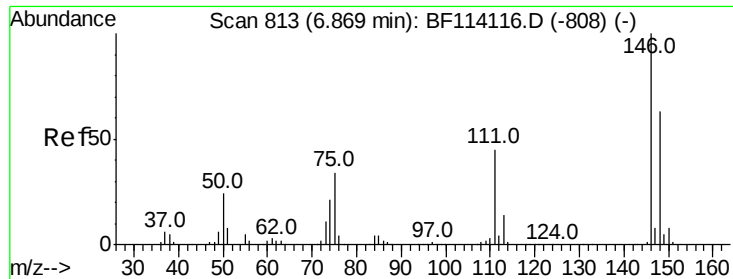
Tot Ion: 93 Resp: 424194  
Ion Ratio Lower Upper  
93 100  
63 81.0 63.6 103.6  
95 32.7 13.1 53.1



#12  
1,3-Dichlorobenzene  
Concen: 40.881 ng  
RT: 6.76 min Scan# 794  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Tgt Ion: 146 Resp: 462214  
Ion Ratio Lower Upper  
146 100  
148 65.2 51.6 77.4  
75 28.5 24.2 36.2

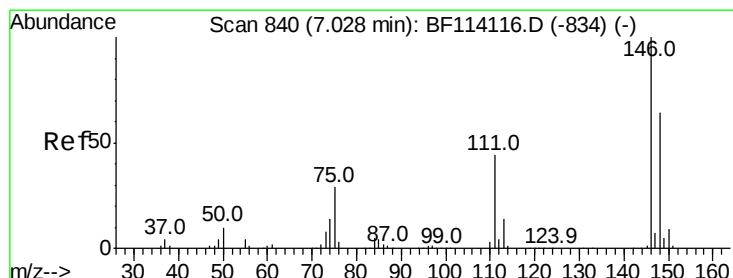
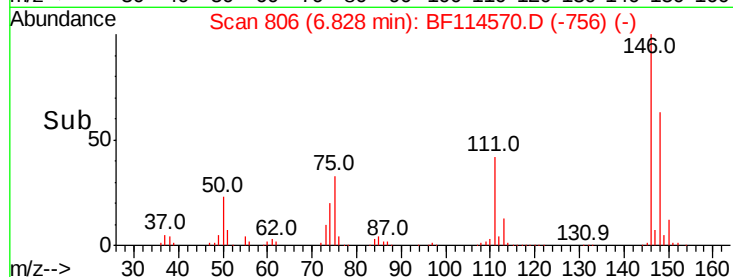
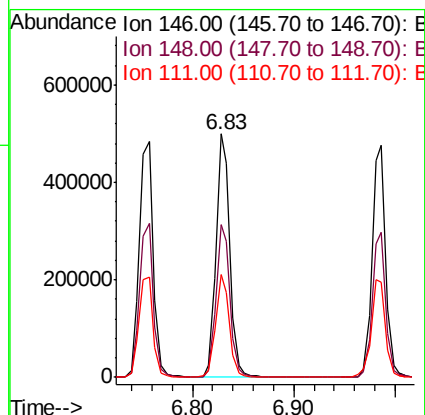
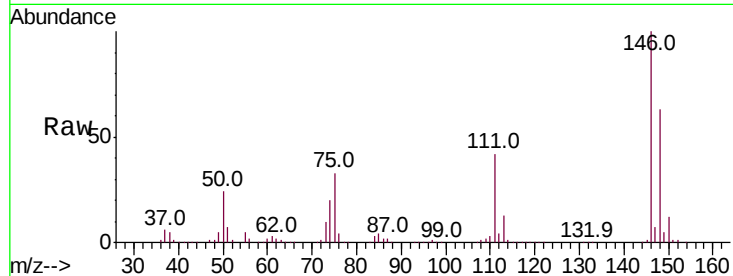




#13  
 1,4-Dichlorobenzene  
 Concen: 41.524 ng  
 RT: 6.83 min Scan# 806  
 Delta R.T. -0.01 min  
 Lab File: BF114570.D  
 Acq: 24 May 2019 15:23

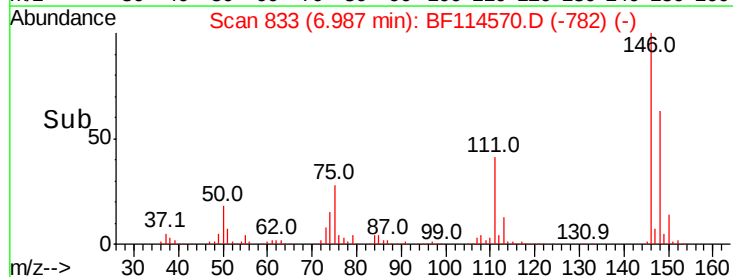
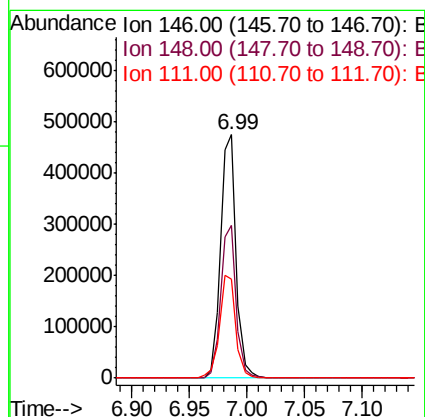
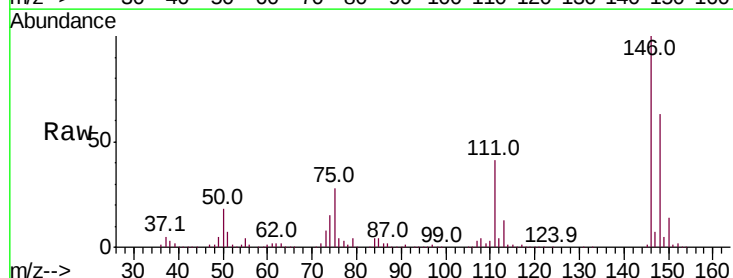
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119776BS

Tot Ion:146 Resp: 473089  
 Ion Ratio Lower Upper  
 146 100  
 148 62.5 50.2 75.2  
 111 42.5 35.8 53.6



#14  
 1,2-Dichlorobenzene  
 Concen: 42.396 ng  
 RT: 6.99 min Scan# 833  
 Delta R.T. 0.00 min  
 Lab File: BF114570.D  
 Acq: 24 May 2019 15:23

Tgt Ion:146 Resp: 441286  
 Ion Ratio Lower Upper  
 146 100  
 148 62.7 51.1 76.7  
 111 40.9 35.3 52.9





#15

Benzyl Alcohol

Concen: 41.628 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleID :

PB119776BS

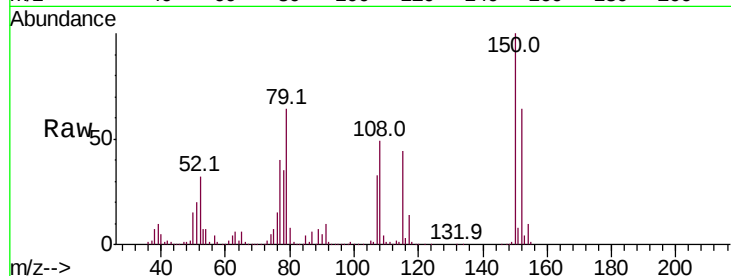
Tot Ion: 79 Resp: 362303

Ion Ratio Lower Upper

79 100

108 76.8 62.1 93.1

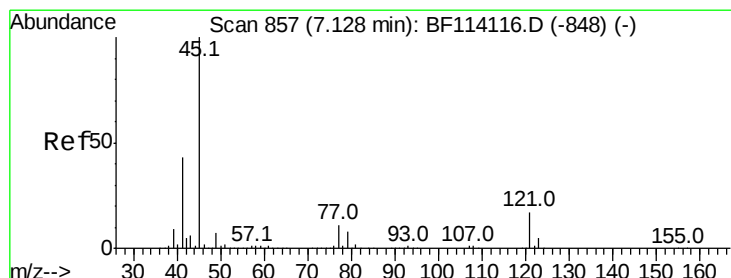
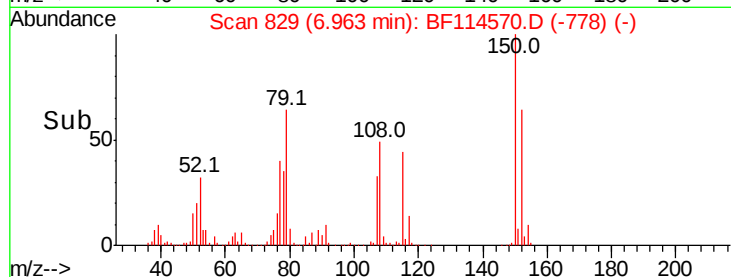
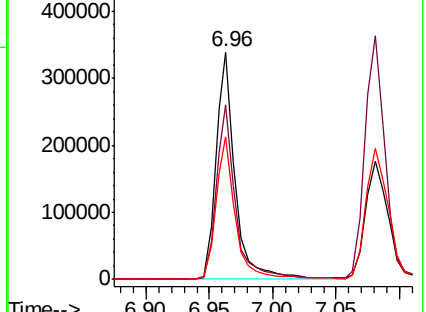
77 62.6 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.385 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

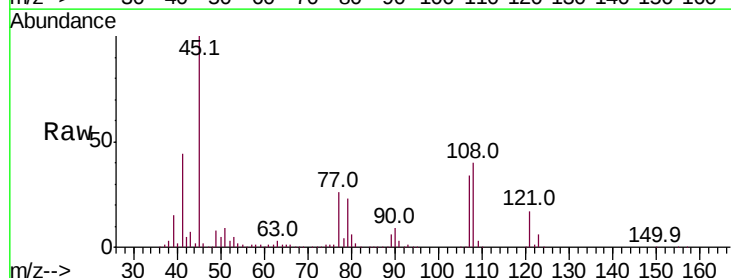
Tgt Ion: 45 Resp: 761054

Ion Ratio Lower Upper

45 100

77 25.7 0.0 31.1

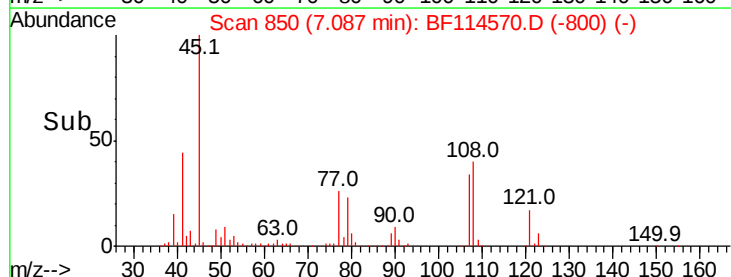
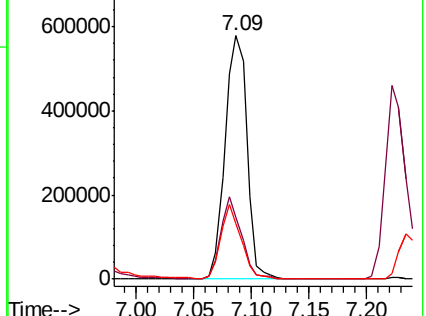
79 23.0 0.0 28.4

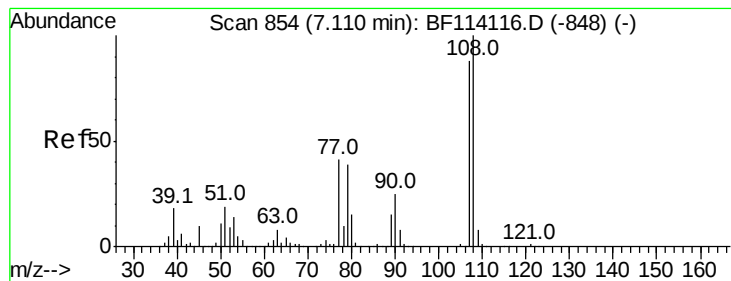


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.290 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

Tot Ion:107 Resp: 349905

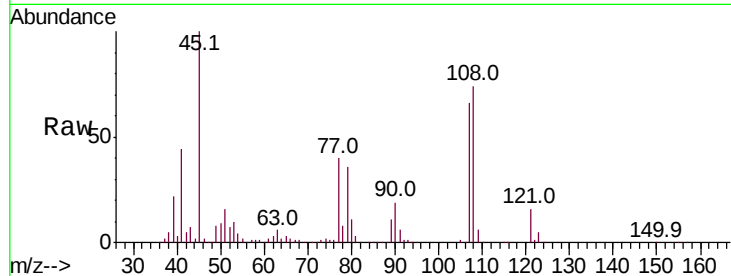
Ion Ratio Lower Upper

107 100

108 113.0 90.5 135.7

77 61.1 37.0 55.4#

79 54.8 35.8 53.8#



Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

600000

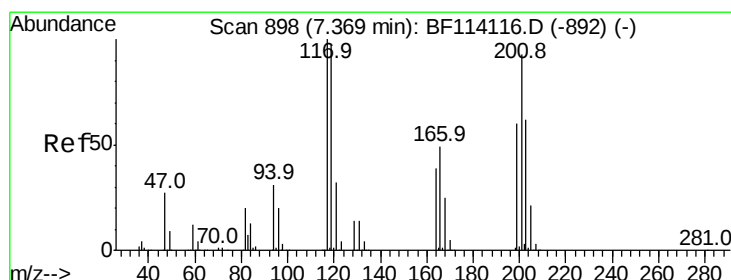
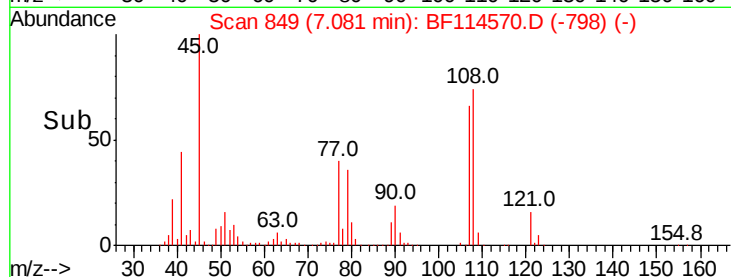
400000

200000

0

7.00 7.10 7.20

Time-->



#18

Hexachloroethane

Concen: 40.798 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

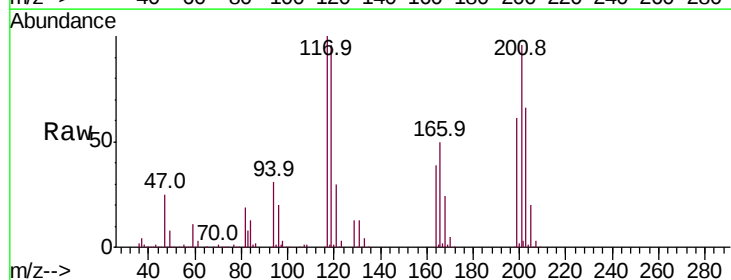
Tgt Ion:117 Resp: 174473

Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.2

201 95.6 74.5 111.7



Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

250000

200000

150000

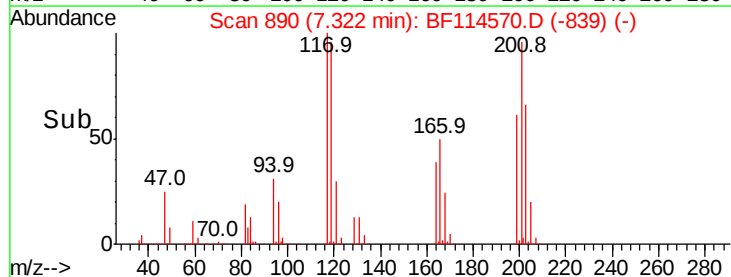
100000

50000

0

7.30 7.35

Time-->

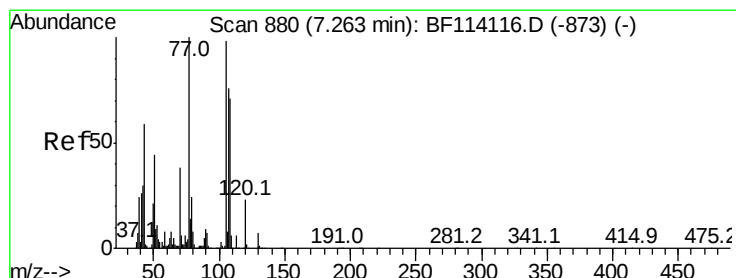
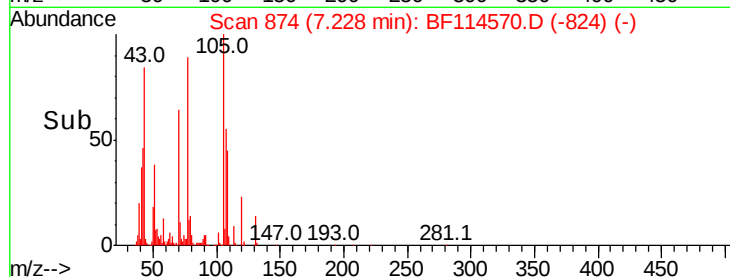
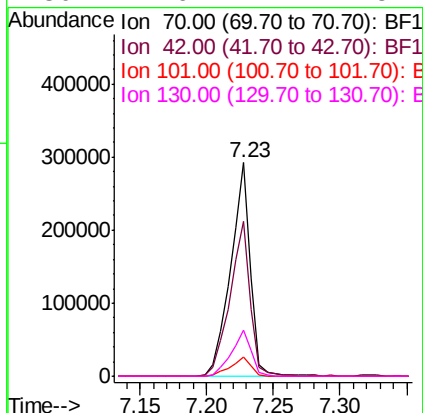
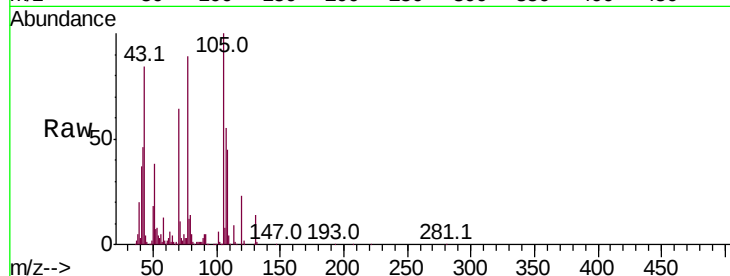




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.000 ng  
RT: 7.23 min Scan# 874  
Delta R.T. -0.01 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

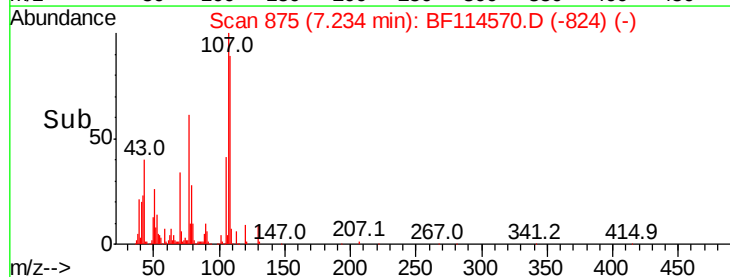
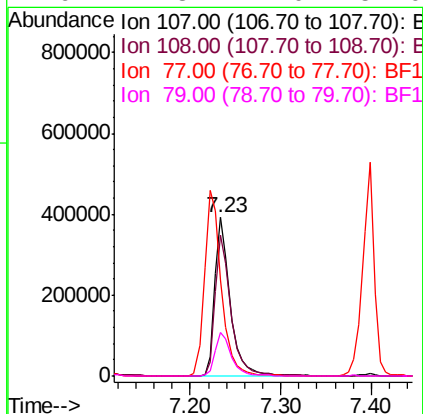
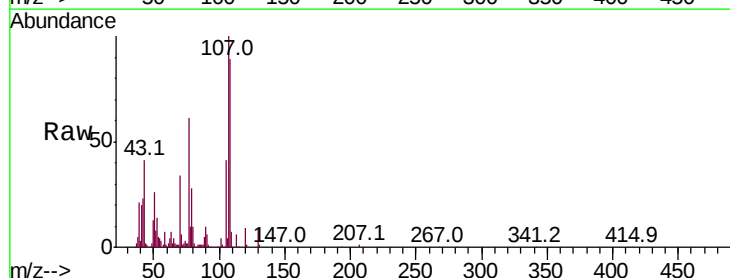
Instrument :  
BNA\_F  
ClientSampleId :  
PB119776BS

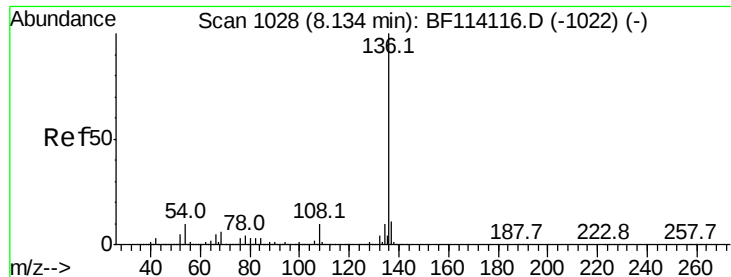
Tot Ion: 70 Resp: 304143  
Ion Ratio Lower Upper  
70 100  
42 72.8 58.6 87.8  
101 9.1 7.8 11.8  
130 21.6 17.1 25.7



#20  
3+4-Methylphenols  
Concen: 48.309 ng  
RT: 7.23 min Scan# 875  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Tgt Ion:107 Resp: 461815  
Ion Ratio Lower Upper  
107 100  
108 89.4 73.8 113.8  
77 61.0 111.5 151.5#  
79 27.8 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

Tot Ion:136 Resp: 592902

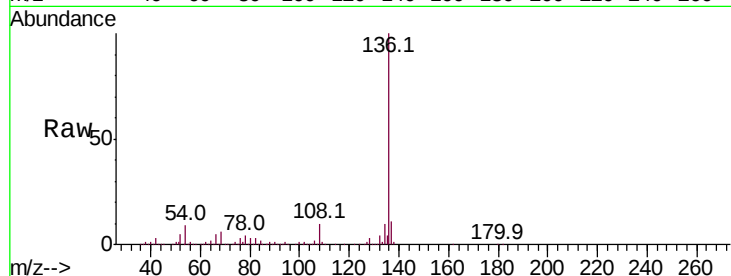
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.3 7.8 11.8

68 6.0 5.1 7.7

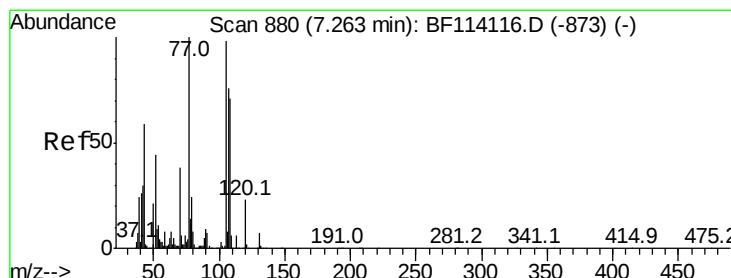
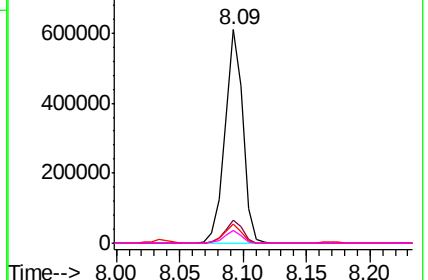
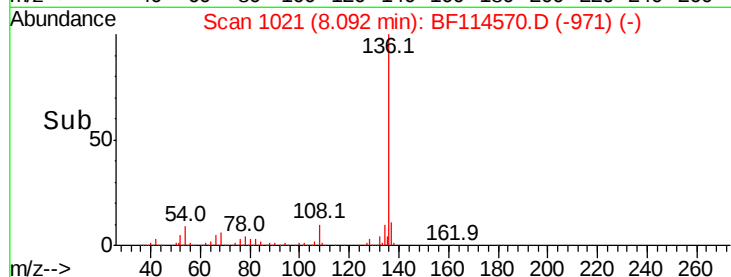


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.906 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Tgt Ion:105 Resp: 602964

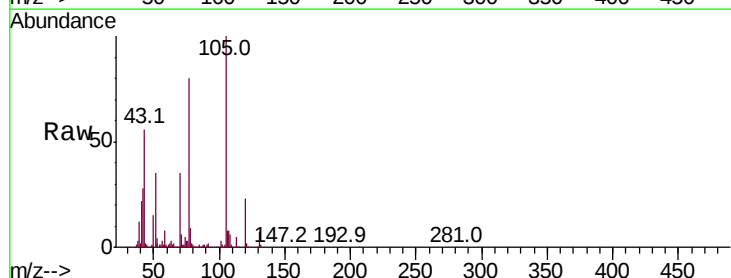
Ion Ratio Lower Upper

105 100

71 6.1 5.3 7.9

51 35.3 36.2 54.4#

120 22.9 18.6 28.0

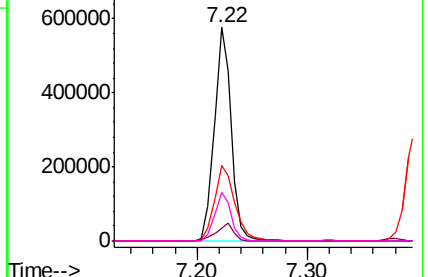
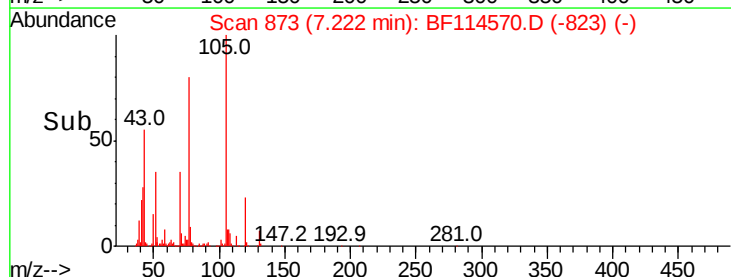


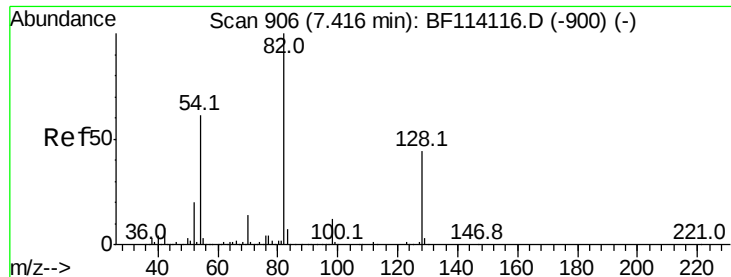
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

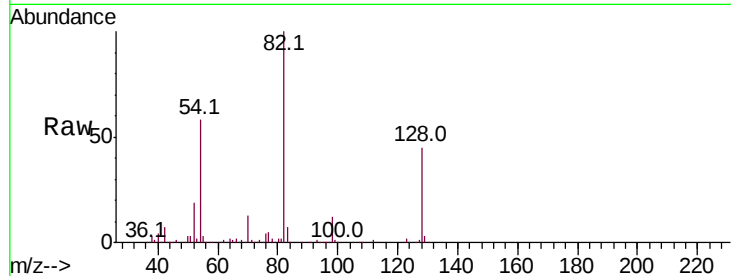




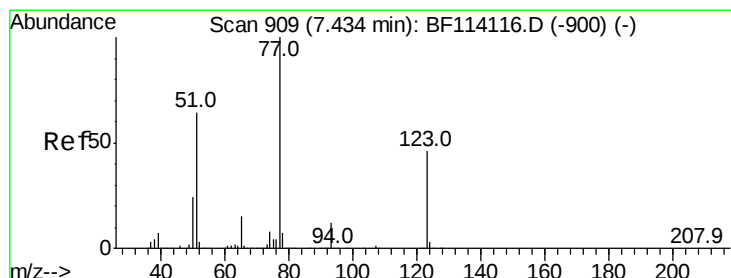
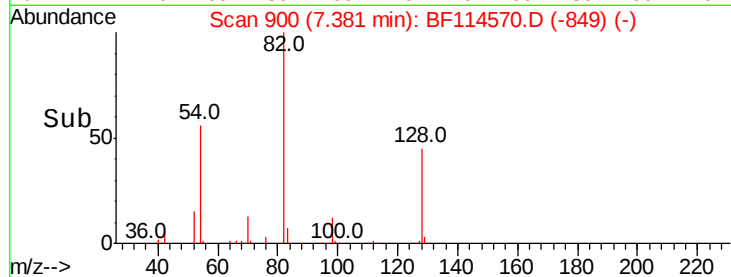
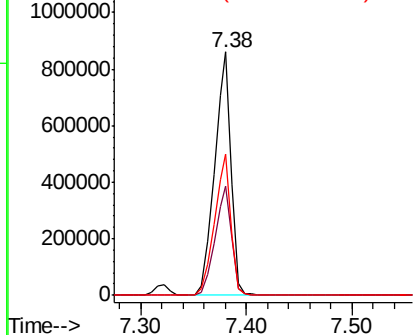
#23  
 Nitrobenzene-d5  
 Concen: 89.618 ng  
 RT: 7.38 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: BF114570.D  
 Acq: 24 May 2019 15:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119776BS

Tot Ion: 82 Resp: 946801  
 Ion Ratio Lower Upper  
 82 100  
 128 44.8 35.5 53.3  
 54 57.8 48.5 72.7

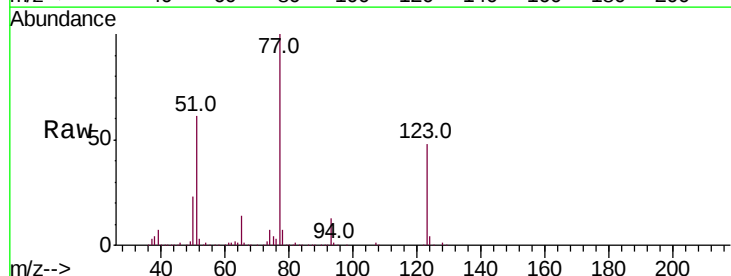


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

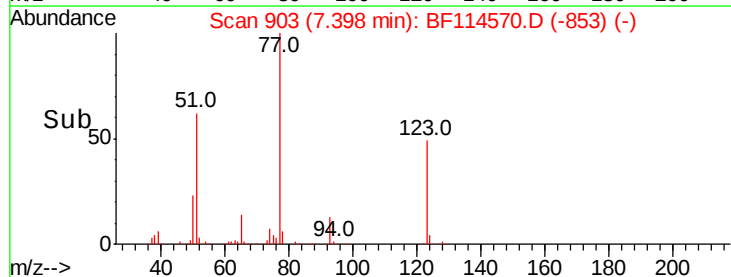
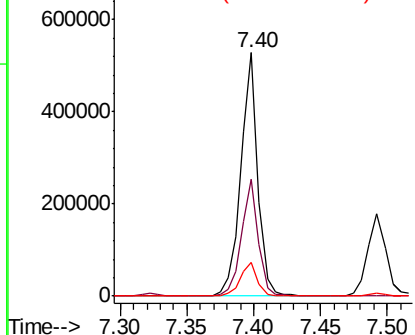


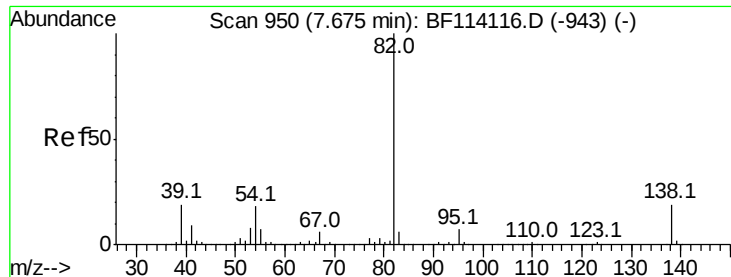
#24  
 Nitrobenzene  
 Concen: 43.533 ng  
 RT: 7.40 min Scan# 903  
 Delta R.T. -0.01 min  
 Lab File: BF114570.D  
 Acq: 24 May 2019 15:23

Tgt Ion: 77 Resp: 468430  
 Ion Ratio Lower Upper  
 77 100  
 123 48.2 36.9 55.3  
 65 14.0 11.8 17.6



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





#25

Isophorone

Concen: 43.454 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

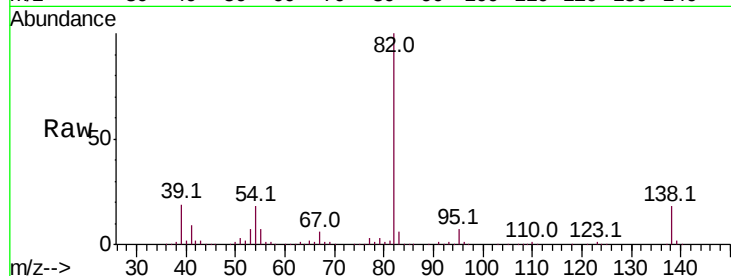
Tot Ion: 82 Resp: 851414

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

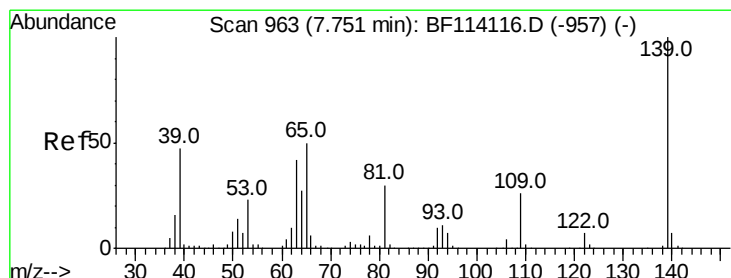
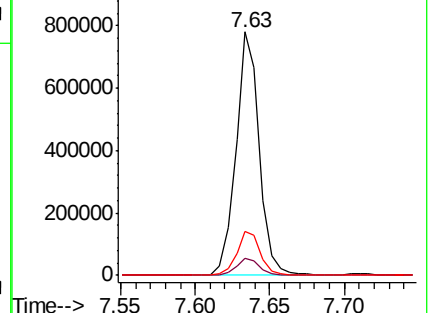
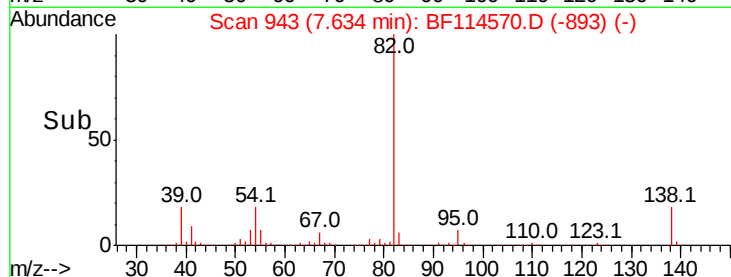
138 17.9 14.8 22.2



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: 46.950 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

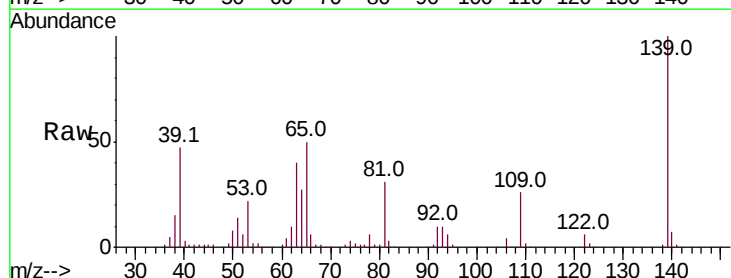
Tgt Ion: 139 Resp: 245107

Ion Ratio Lower Upper

139 100

109 26.2 20.7 31.1

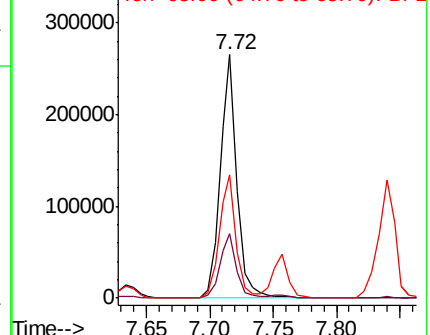
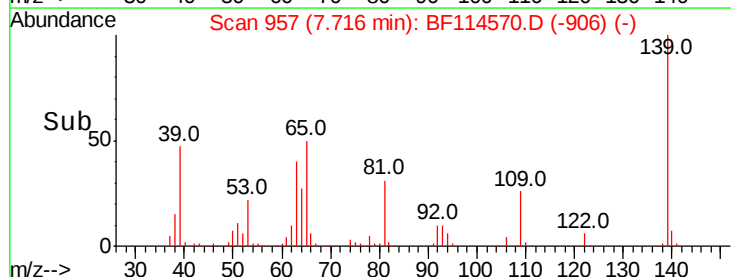
65 50.5 40.2 60.2

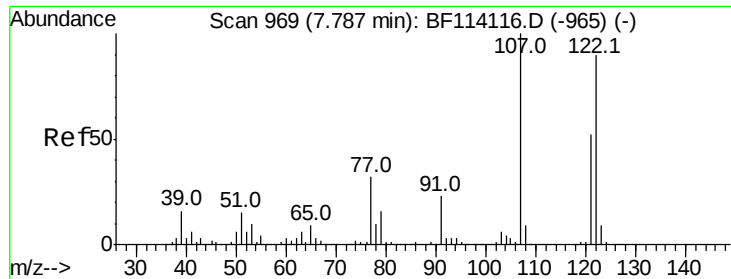


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.322 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

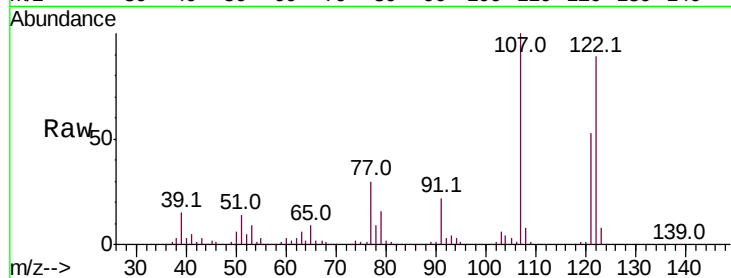
Tot Ion:122 Resp: 396210

Ion Ratio Lower Upper

122 100

107 112.0 88.4 132.6

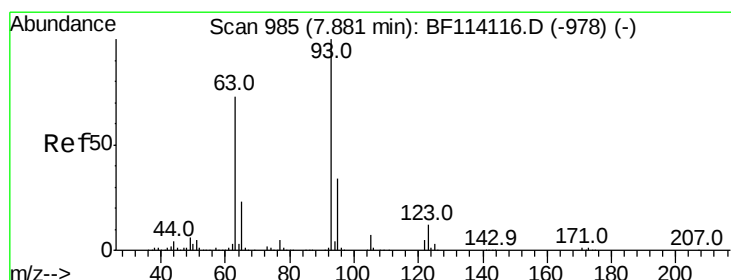
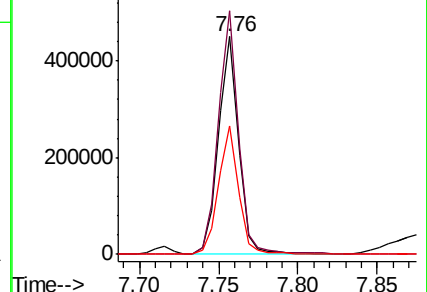
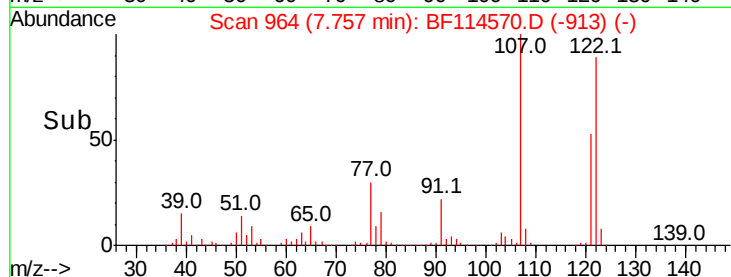
121 59.2 45.9 68.9



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: 42.637 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

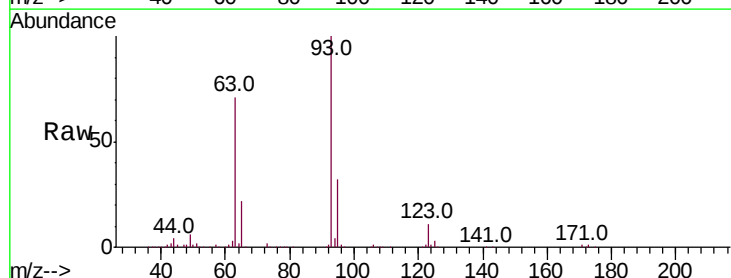
Tgt Ion: 93 Resp: 542045

Ion Ratio Lower Upper

93 100

95 32.3 26.8 40.2

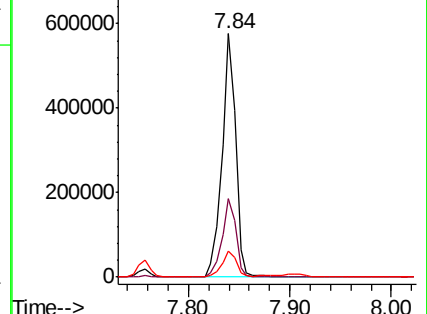
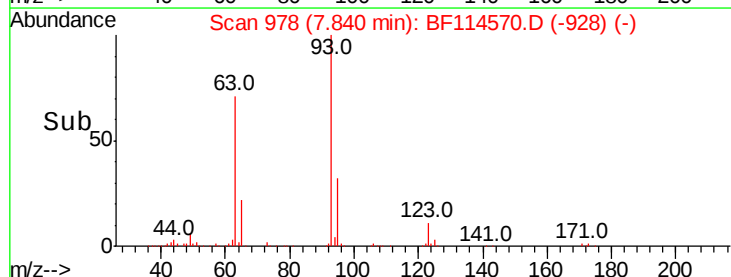
123 10.8 9.5 14.3

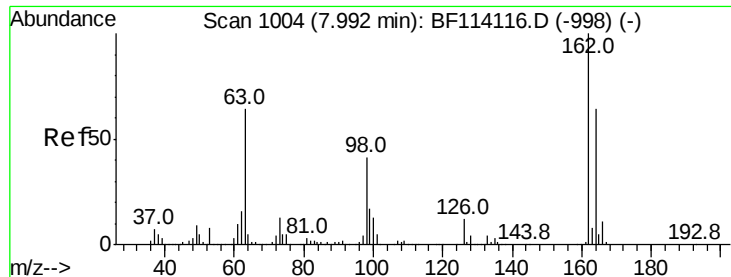


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

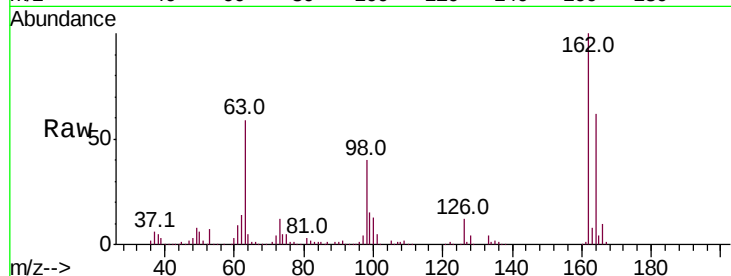




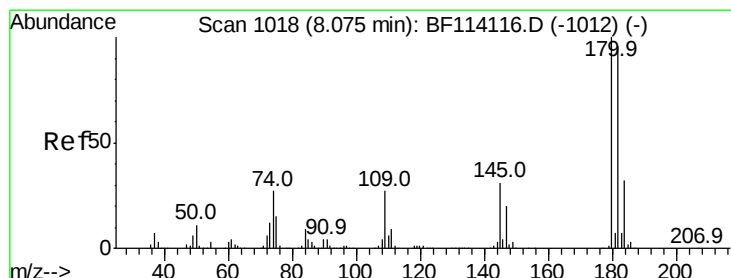
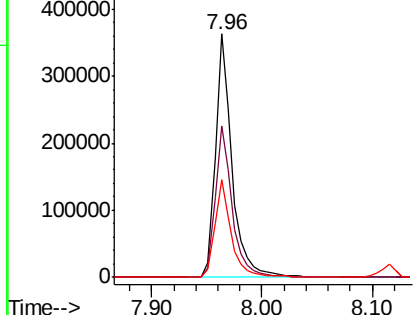
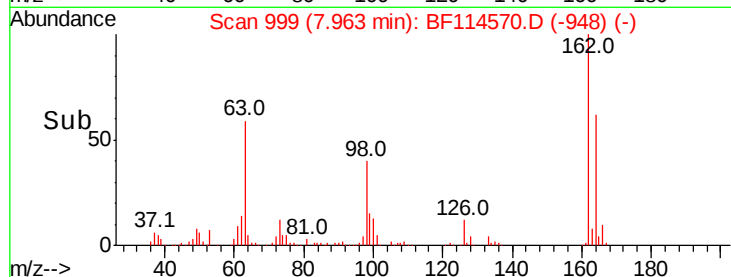
#29  
2,4-Dichlorophenol  
Concen: 45.971 ng  
RT: 7.96 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB119776BS

Tot Ion:162 Resp: 375330  
Ion Ratio Lower Upper  
162 100  
164 62.2 43.6 83.6  
98 40.0 20.6 60.6

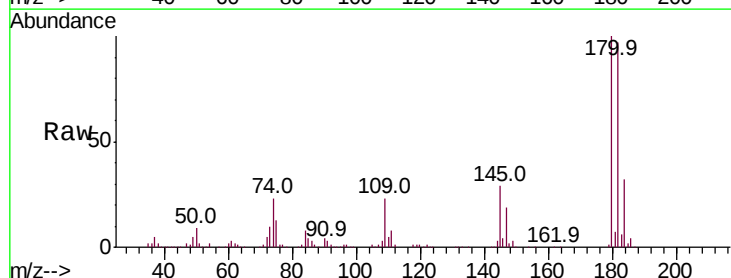


Abundance Ion 162.00 (161.70 to 162.70): E  
500000  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

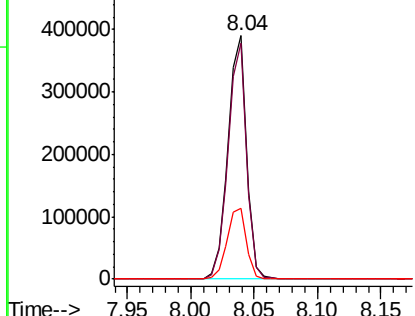
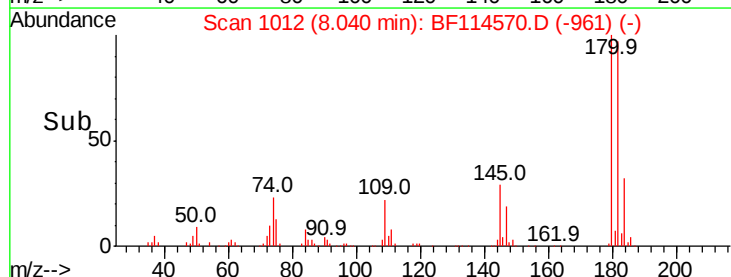


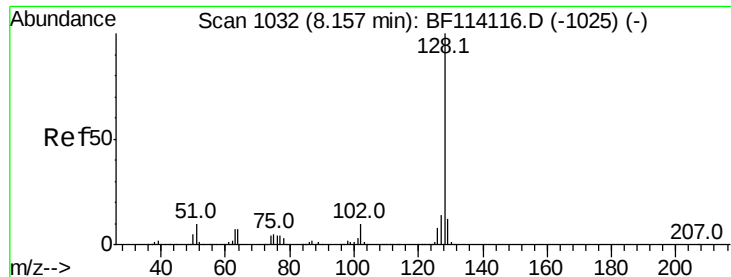
#30  
1,2,4-Trichlorobenzene  
Concen: 42.426 ng  
RT: 8.04 min Scan# 1012  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Tgt Ion:180 Resp: 393892  
Ion Ratio Lower Upper  
180 100  
182 96.7 76.6 114.8  
145 29.2 25.1 37.7



Abundance Ion 180.00 (179.70 to 180.70): E  
500000  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E

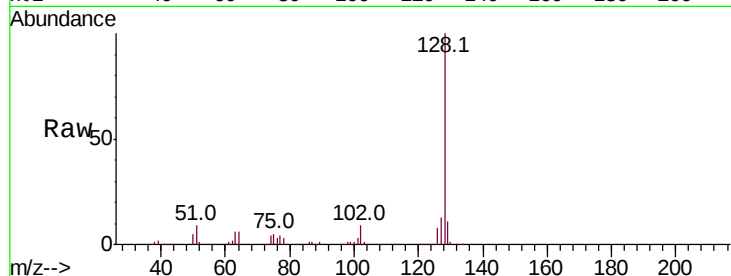




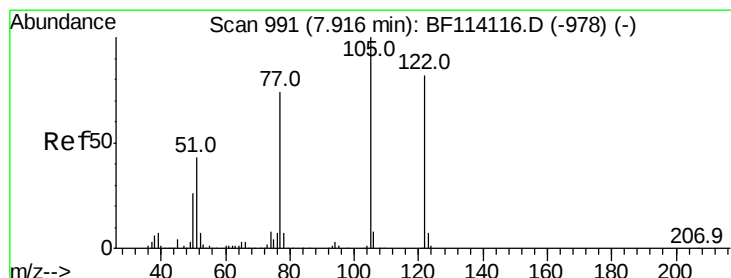
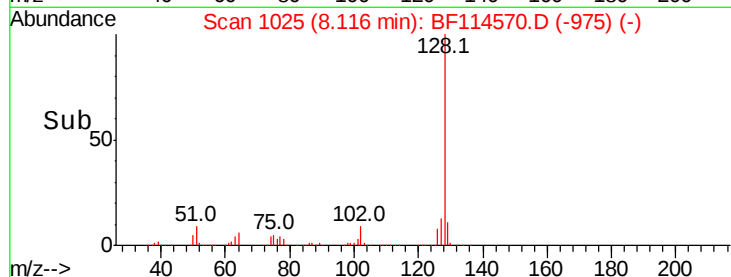
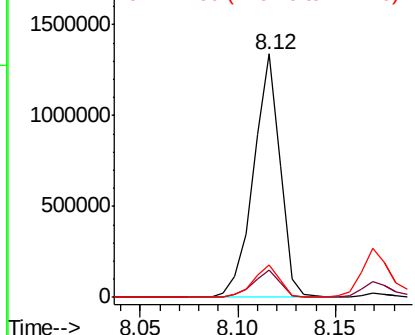
#31  
Naphthalene  
Concen: 45.561 ng  
RT: 8.12 min Scan# 1025  
Delta R.T. -0.01 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB119776BS

Tot Ion:128 Resp: 1261831  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.6 14.4  
127 13.4 11.3 16.9

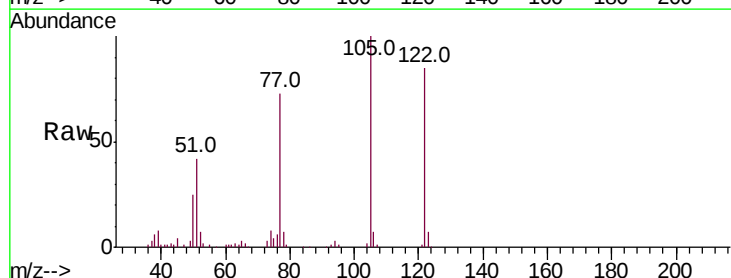


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

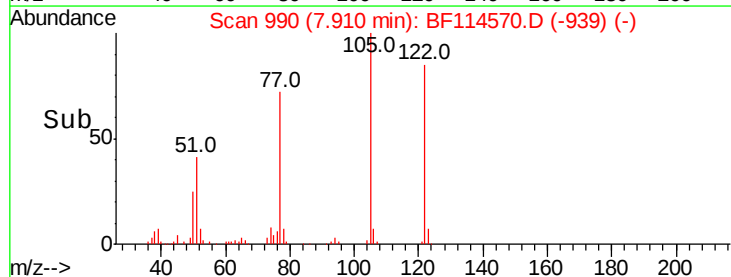
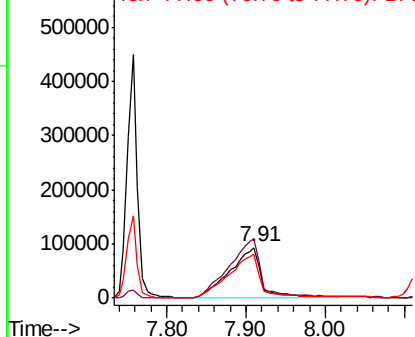


#32  
Benzoic acid  
Concen: 43.750 ng  
RT: 7.91 min Scan# 990  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Tgt Ion:122 Resp: 251521  
Ion Ratio Lower Upper  
122 100  
105 118.1 99.9 139.9  
77 86.0 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1

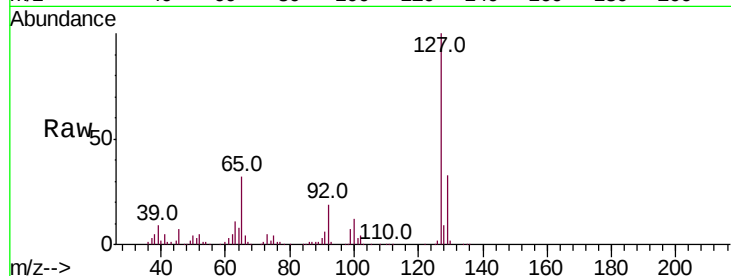




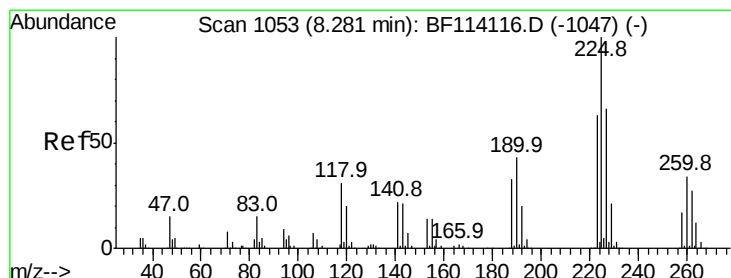
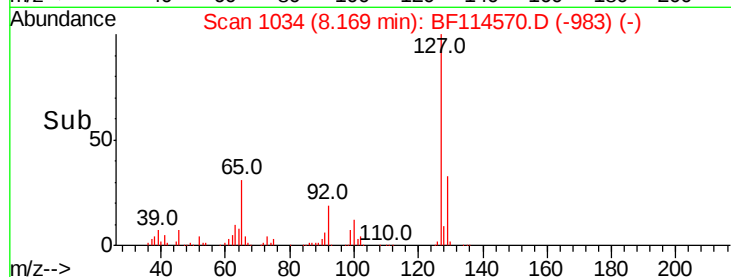
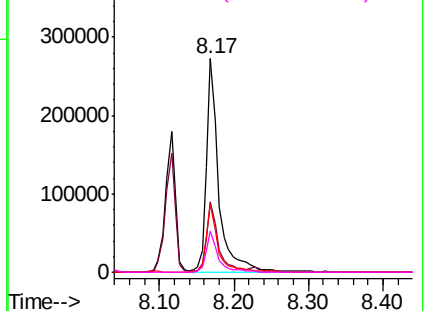
#33  
4-Chloroaniline  
Concen: 24.782 ng  
RT: 8.17 min Scan# 1034  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB119776BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 312768 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.9  | 26.7  | 40.1   |
| 65       | 31.7  | 25.4  | 38.0   |
| 92       | 19.0  | 15.4  | 23.2   |

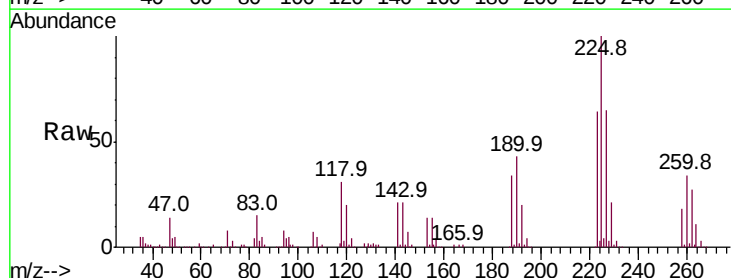


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

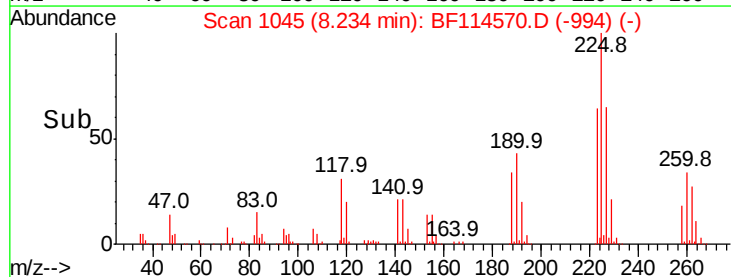
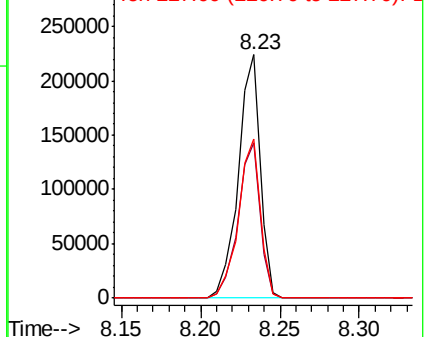


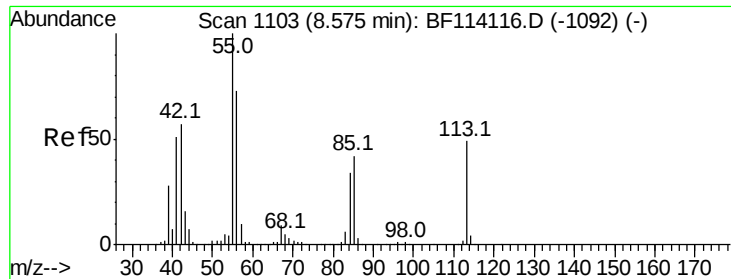
#34  
Hexachlorobutadiene  
Concen: 40.803 ng  
RT: 8.23 min Scan# 1045  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 215546 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.9  | 50.2  | 75.2   |
| 227      | 65.2  | 52.6  | 79.0   |



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

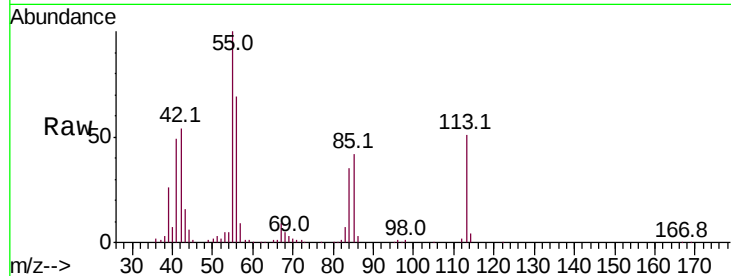




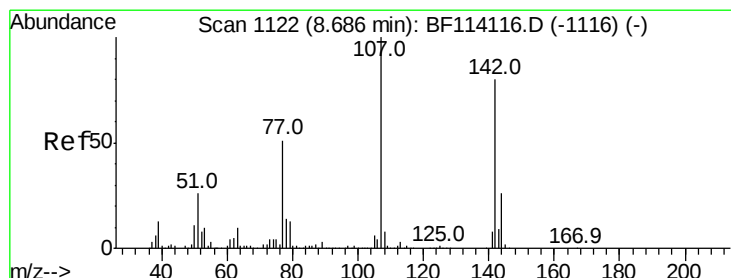
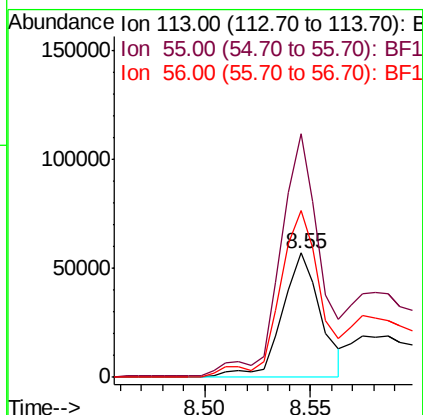
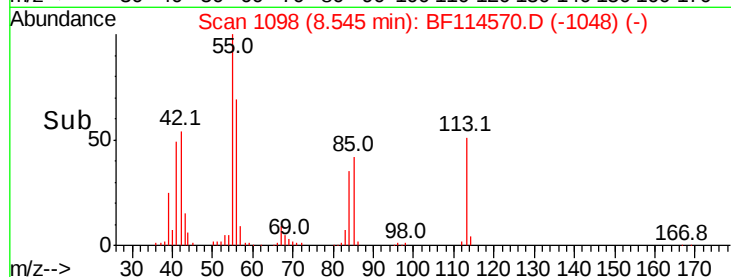
#35  
Caprolactam  
Concen: 27.305 ng  
RT: 8.55 min Scan# 1098  
Delta R.T. -0.01 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB119776BS

Tot Ion:113 Resp: 72693  
Ion Ratio Lower Upper  
113 100  
55 195.5 183.5 223.5  
56 134.0 128.8 168.8

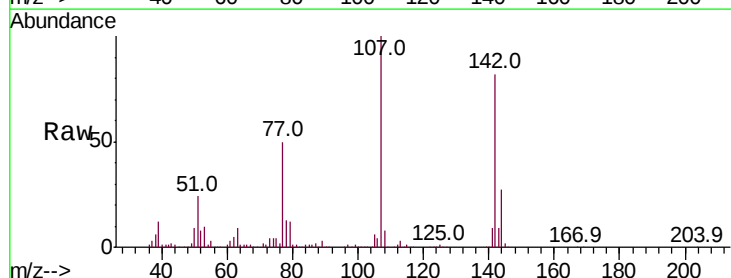


Abundance Ion 113.00 (112.70 to 113.70): E  
150000 Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

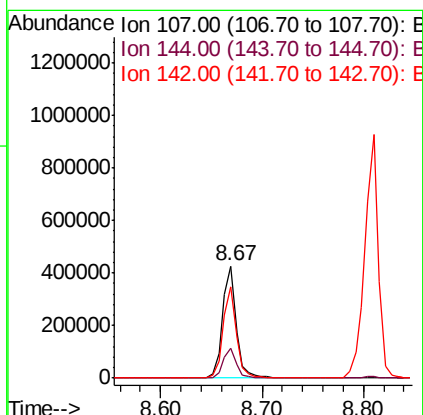
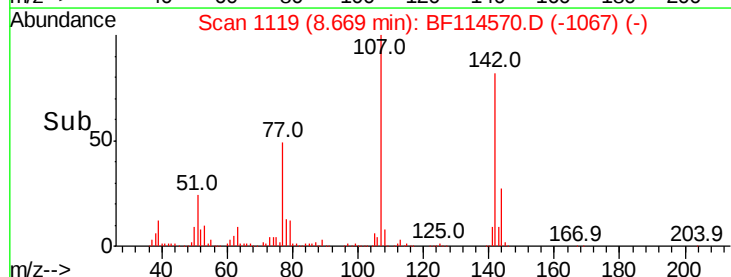


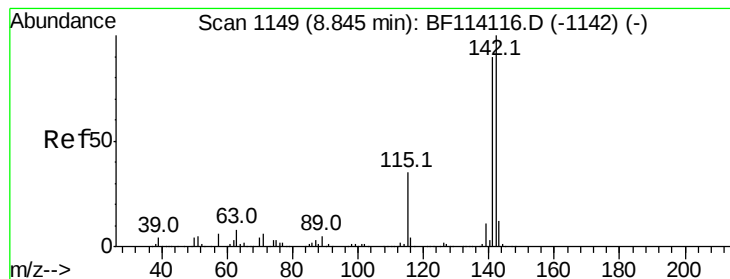
#36  
4-Chloro-3-methylphenol  
Concen: 48.392 ng  
RT: 8.67 min Scan# 1119  
Delta R.T. 0.01 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Tgt Ion:107 Resp: 397701  
Ion Ratio Lower Upper  
107 100  
144 26.6 20.4 30.6  
142 81.7 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E  
1200000 Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.085 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

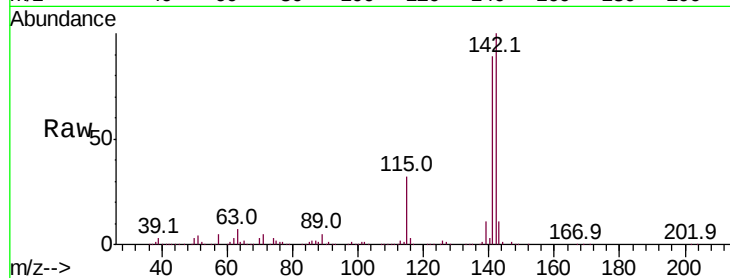
Tot Ion:142 Resp: 859218

Ion Ratio Lower Upper

142 100

141 89.0 72.1 108.1

115 32.4 28.0 42.0

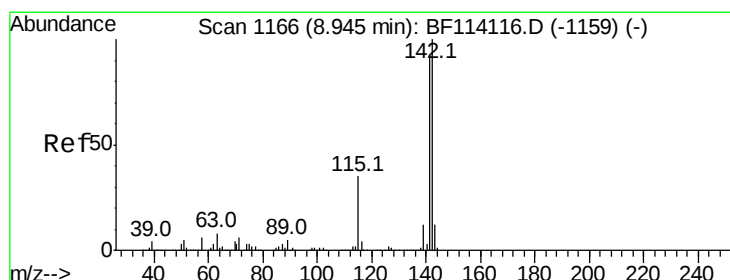
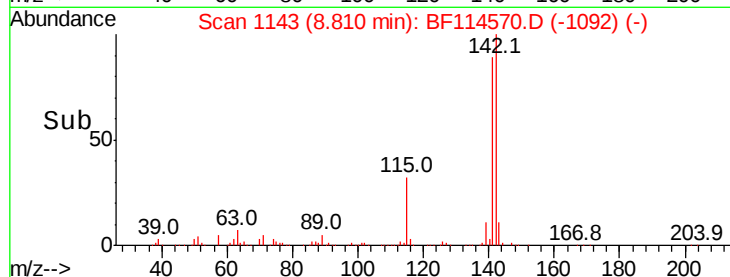
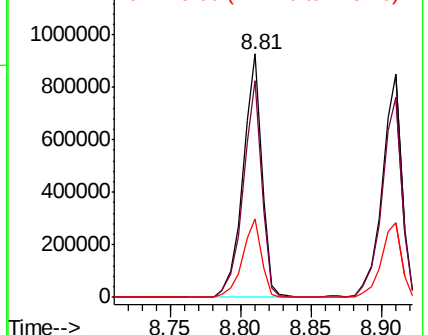


Abundance

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: 47.899 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

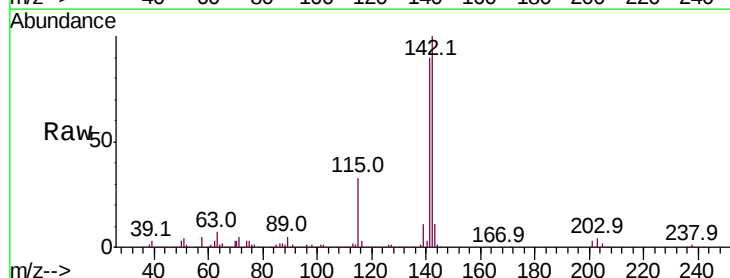
Tgt Ion:142 Resp: 806017

Ion Ratio Lower Upper

142 100

141 89.8 73.4 110.0

116 3.3 3.1 4.7

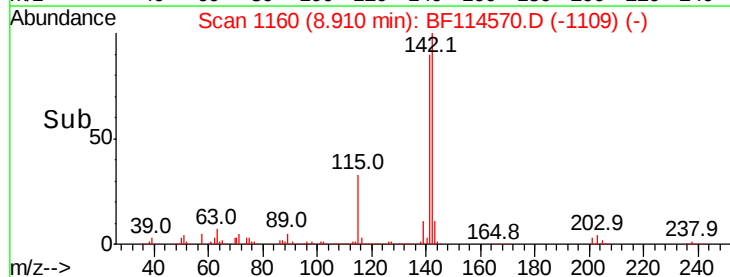
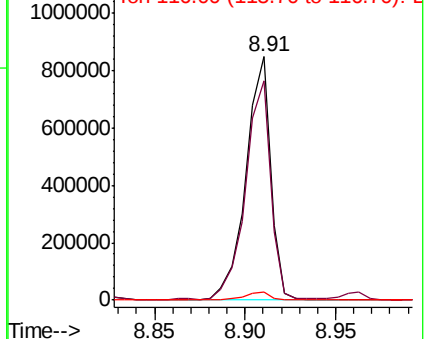


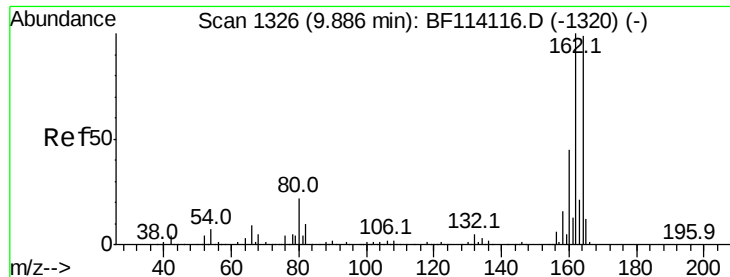
Abundance

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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

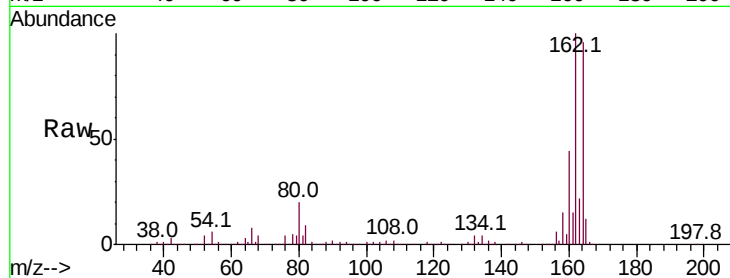
Tot Ion:164 Resp: 287662

Ion Ratio Lower Upper

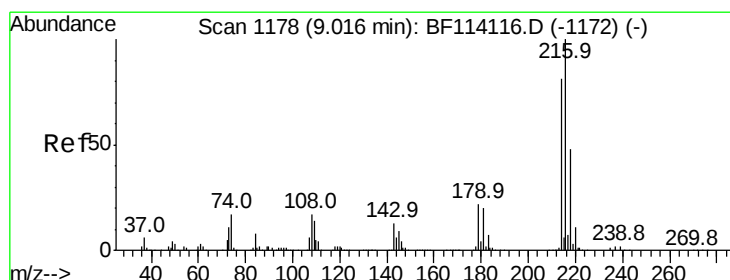
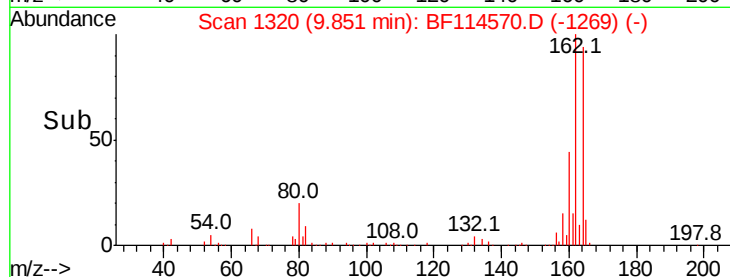
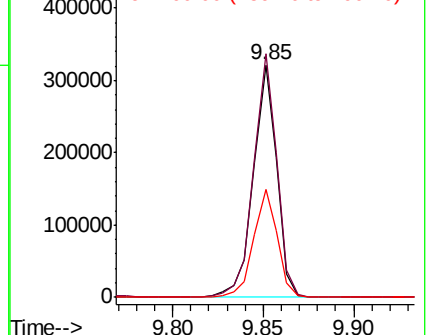
164 100

162 104.7 80.6 120.8

160 46.3 36.5 54.7



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: 44.871 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Tgt Ion:216 Resp: 391002

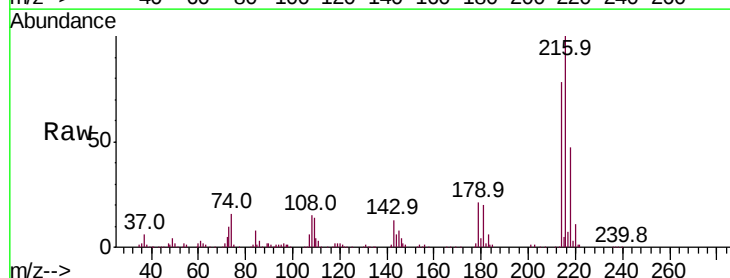
Ion Ratio Lower Upper

216 100

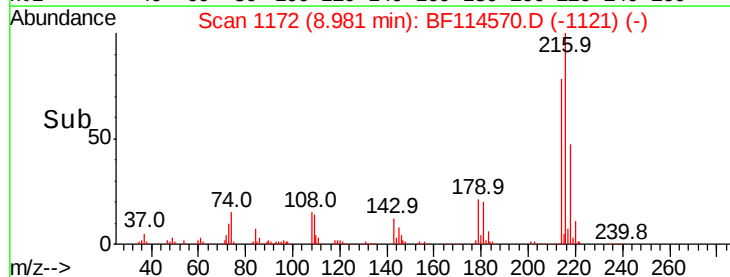
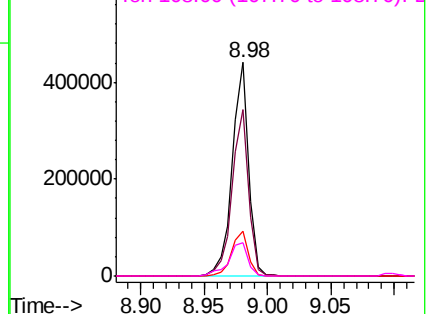
214 78.8 63.9 95.9

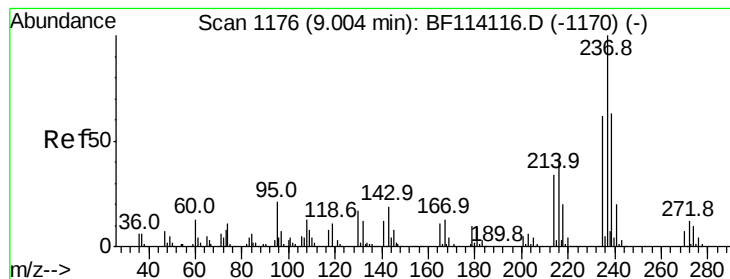
179 21.2 17.0 25.6

108 18.5 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: 45.916 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

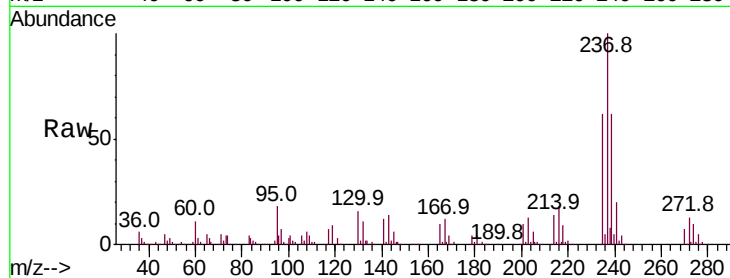
Tot Ion:237 Resp: 178495

Ion Ratio Lower Upper

237 100

235 62.4 42.0 82.0

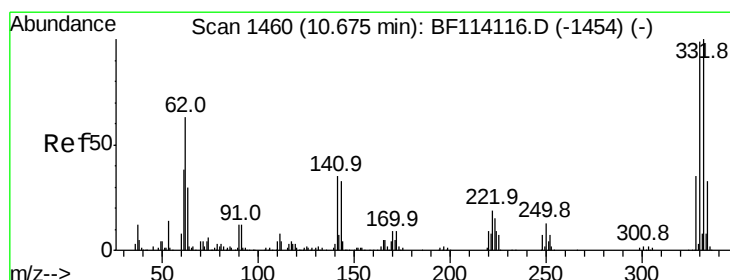
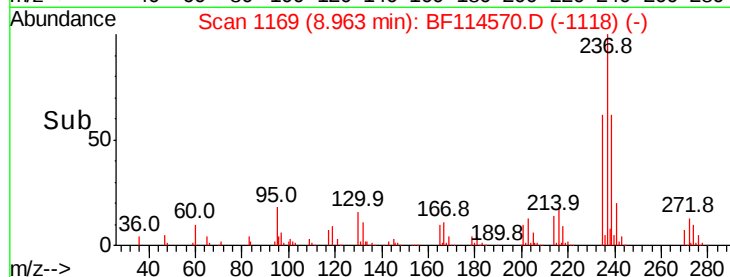
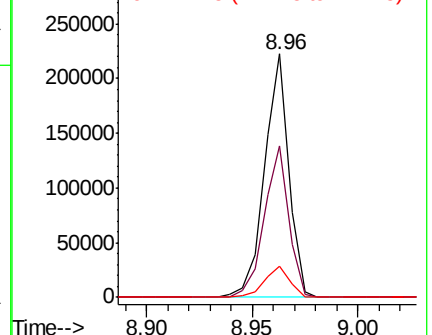
272 12.9 0.0 32.4



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: 132.967 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

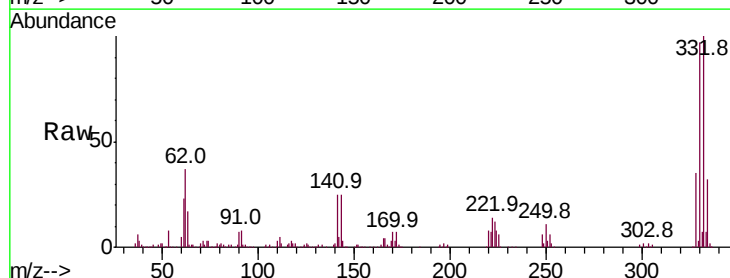
Tgt Ion:330 Resp: 395437

Ion Ratio Lower Upper

330 100

332 102.6 81.4 122.2

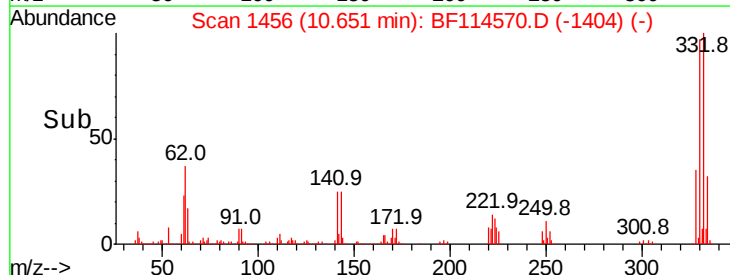
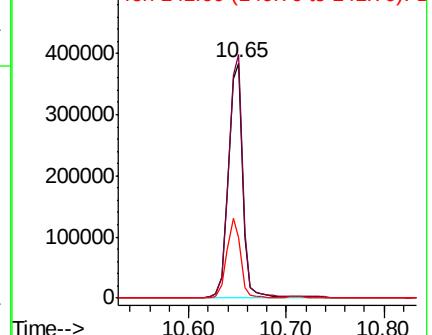
141 32.7 26.6 40.0

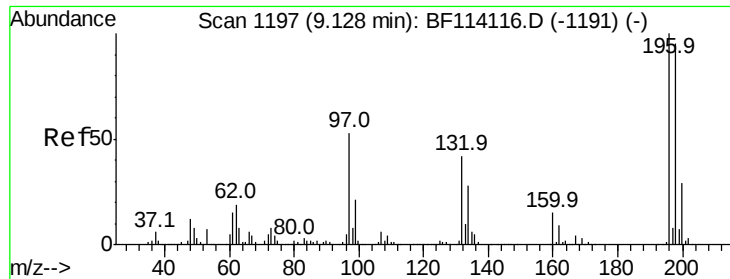


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

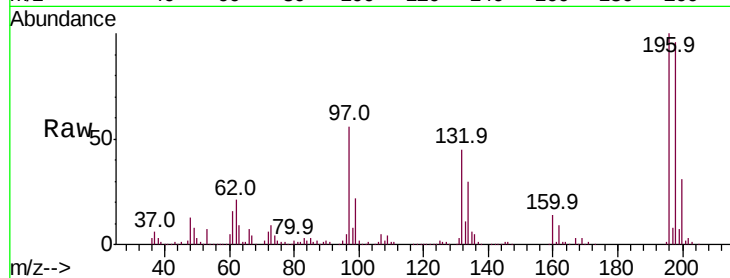




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.699 ng  
 RT: 9.10 min Scan# 1192  
 Delta R.T. 0.00 min  
 Lab File: BF114570.D  
 Acq: 24 May 2019 15:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119776BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.2  | 75.9  | 113.9 |
| 200     | 30.6  | 23.5  | 35.3  |

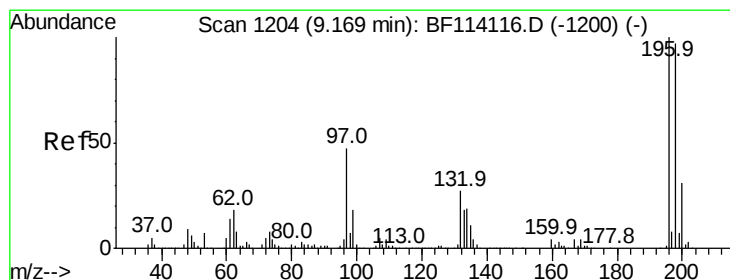
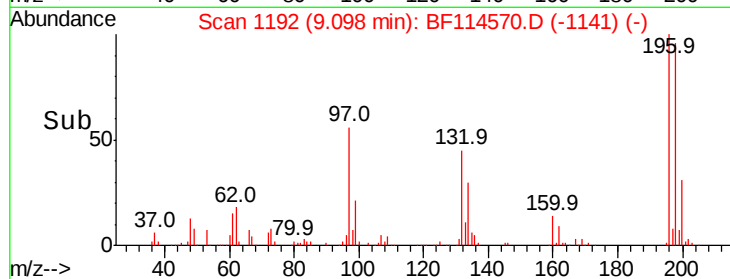
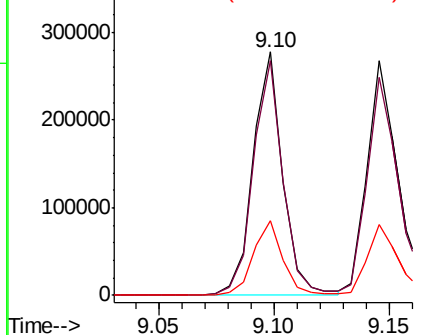


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 42.882 ng  
 RT: 9.15 min Scan# 1200  
 Delta R.T. 0.00 min  
 Lab File: BF114570.D  
 Acq: 24 May 2019 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 92.8  | 77.7  | 116.5 |
| 97      | 51.0  | 38.2  | 57.2  |
| 132     | 29.1  | 21.4  | 32.2  |

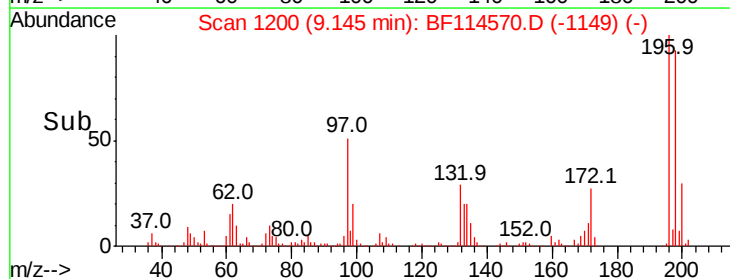
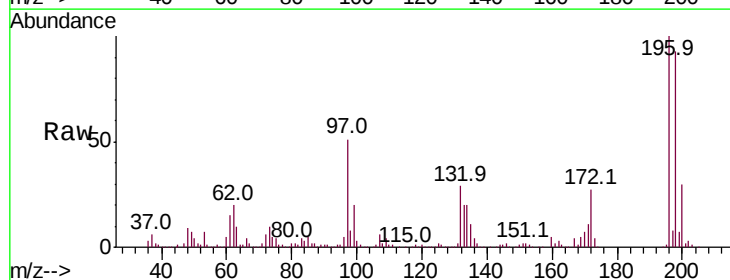
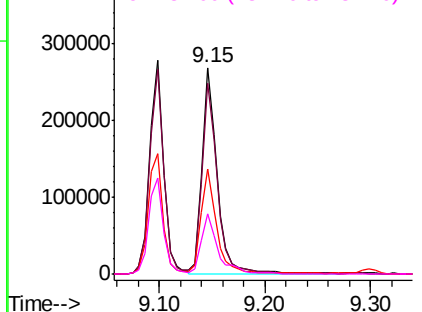
Abundance

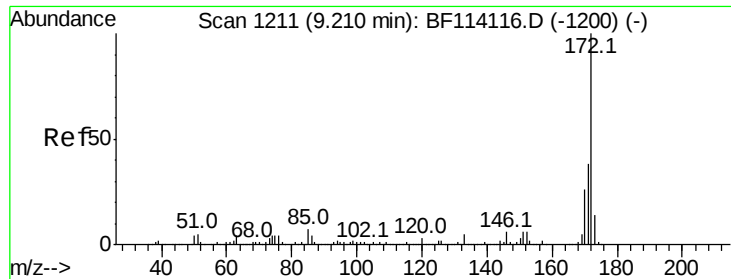
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

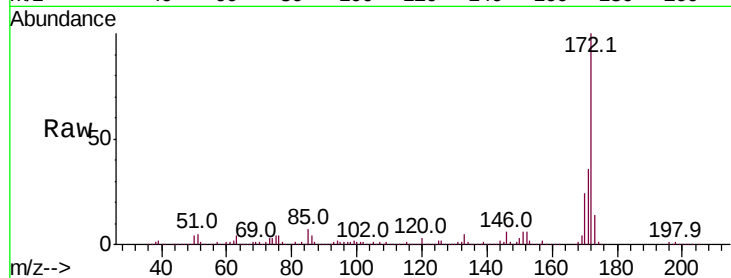




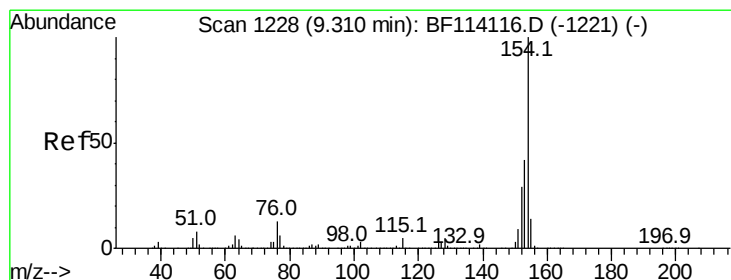
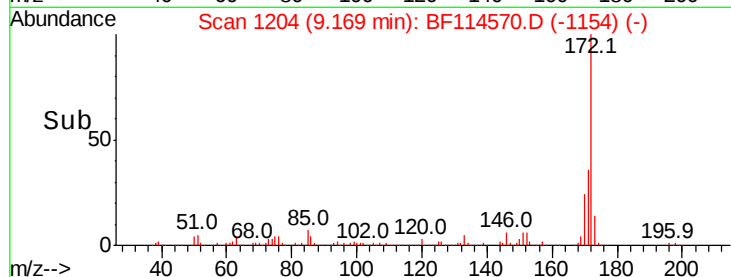
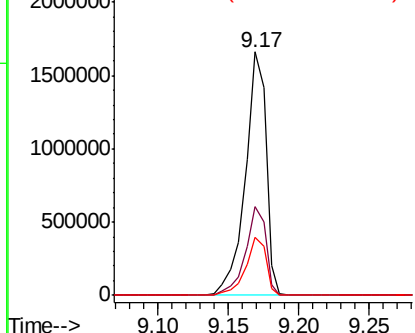
#45  
2-Fluorobiphenyl  
Concen: 90.282 ng  
RT: 9.17 min Scan# 1204  
Delta R.T. -0.01 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB119776BS

Tot Ion:172 Resp: 1716884  
Ion Ratio Lower Upper  
172 100  
171 36.5 30.7 46.1  
170 23.9 20.5 30.7

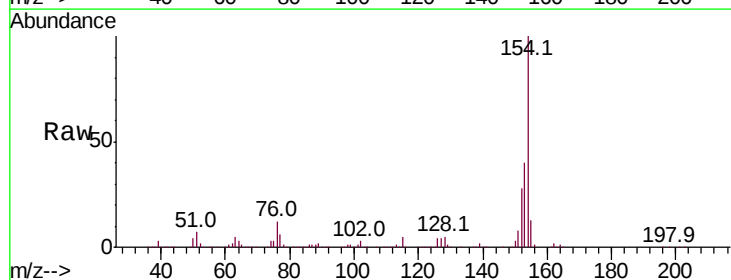


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

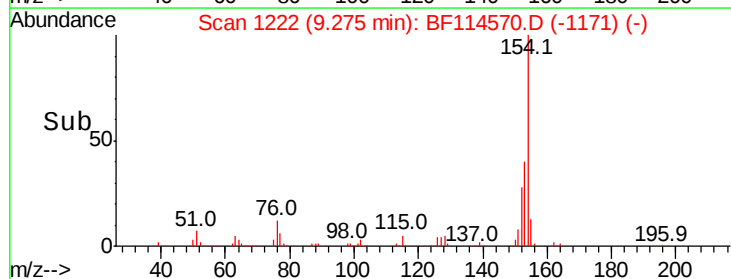
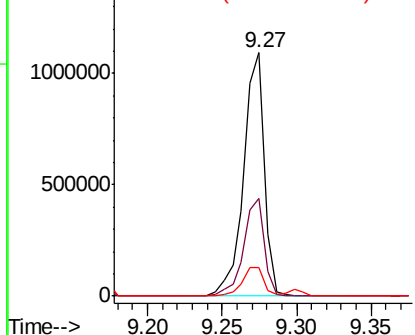


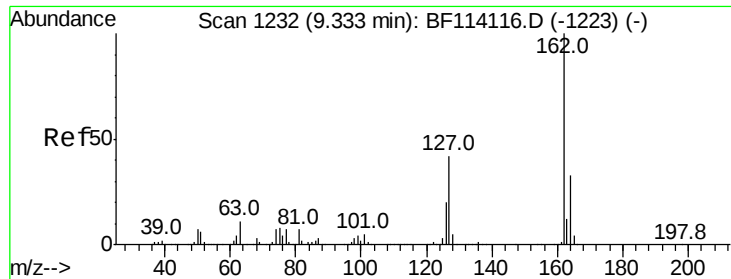
#46  
1,1'-Biphenyl  
Concen: 45.200 ng  
RT: 9.27 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Tgt Ion:154 Resp: 1050413  
Ion Ratio Lower Upper  
154 100  
153 40.1 21.9 61.9  
76 11.6 0.0 32.8



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

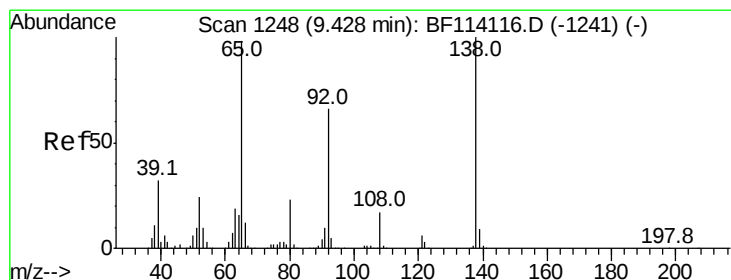
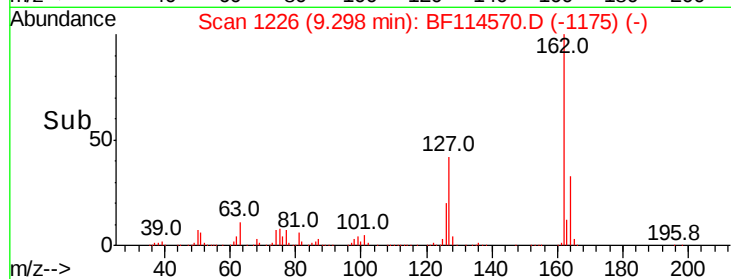
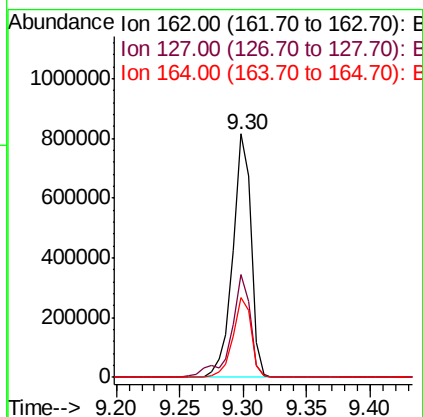
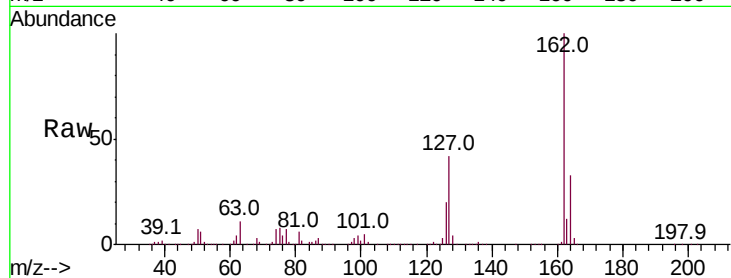




#47  
 2-Chloronaphthalene  
 Concen: 43.026 ng  
 RT: 9.30 min Scan# 1226  
 Delta R.T. 0.00 min  
 Lab File: BF114570.D  
 Acq: 24 May 2019 15:23

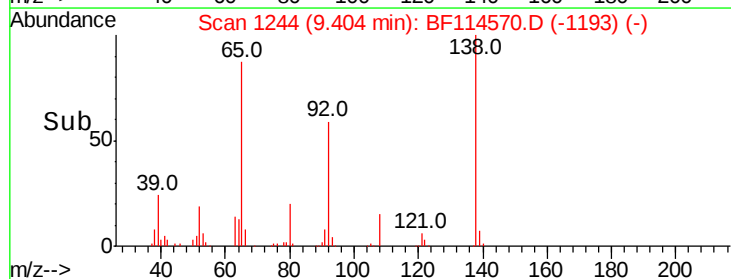
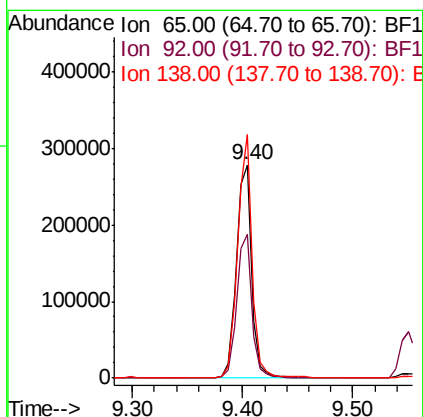
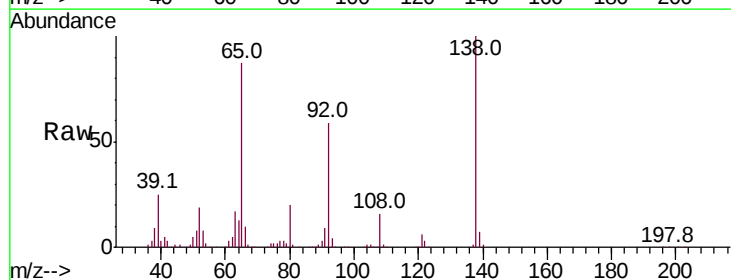
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119776BS

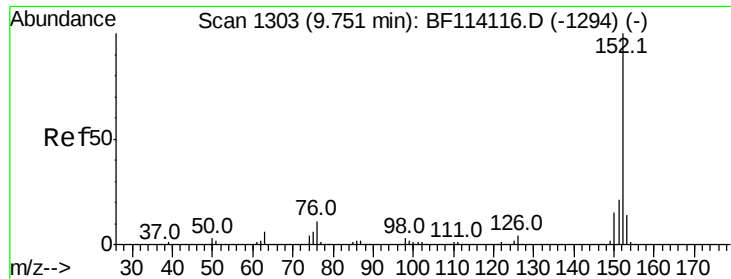
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.0  | 34.0  | 51.0  |
| 164     | 32.7  | 26.7  | 40.1  |



#48  
 2-Nitroaniline  
 Concen: 41.171 ng  
 RT: 9.40 min Scan# 1244  
 Delta R.T. 0.00 min  
 Lab File: BF114570.D  
 Acq: 24 May 2019 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.8  | 53.9  | 80.9  |
| 138     | 114.4 | 81.4  | 122.0 |





#49

Acenaphthylene

Concen: 44.949 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

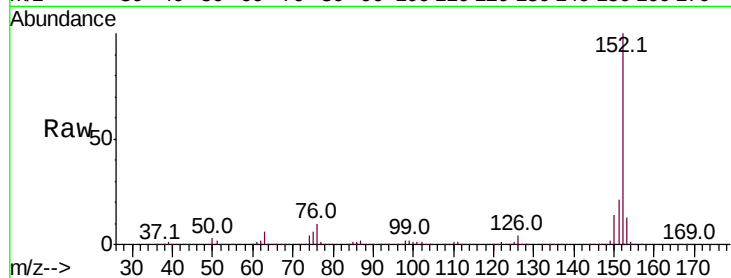
Tot Ion:152 Resp: 1278595

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

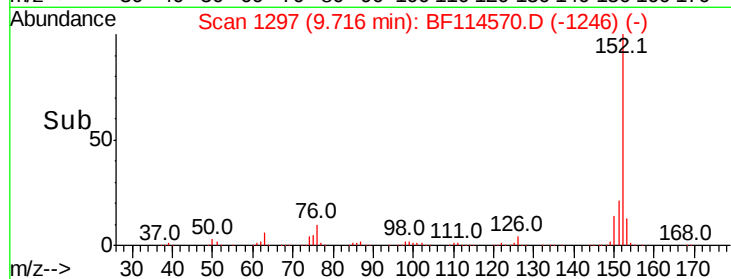
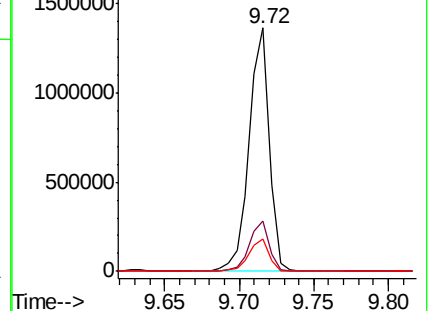
153 13.3 11.4 17.2



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: 43.941 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

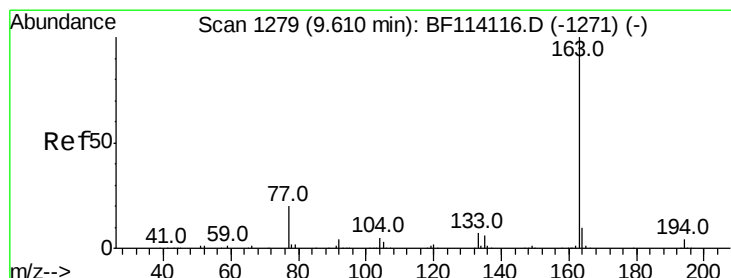
Tgt Ion:163 Resp: 927902

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

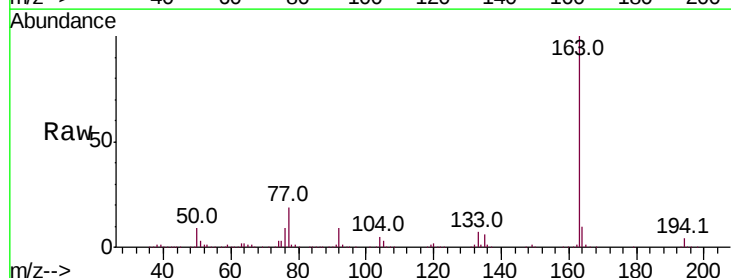
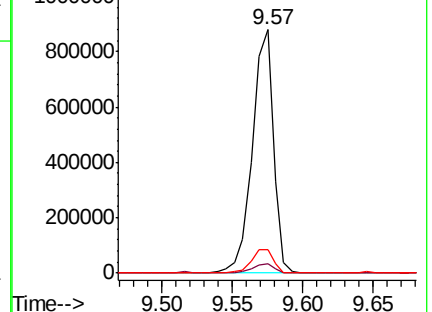
164 9.8 8.2 12.2

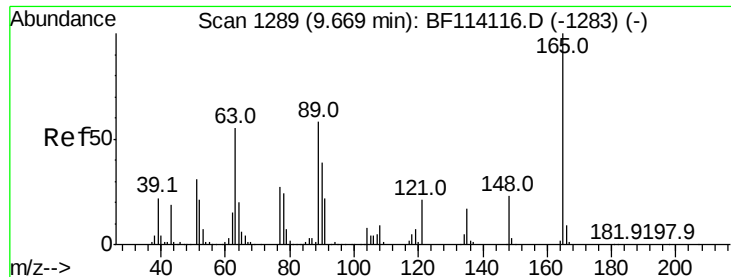


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

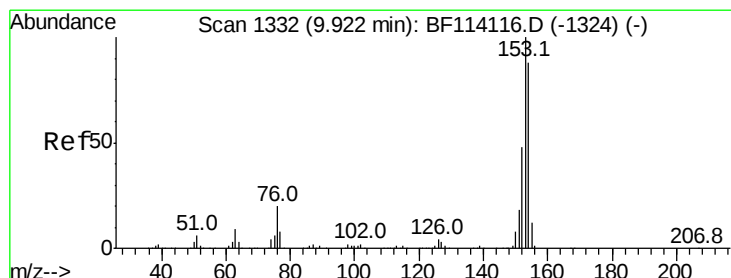
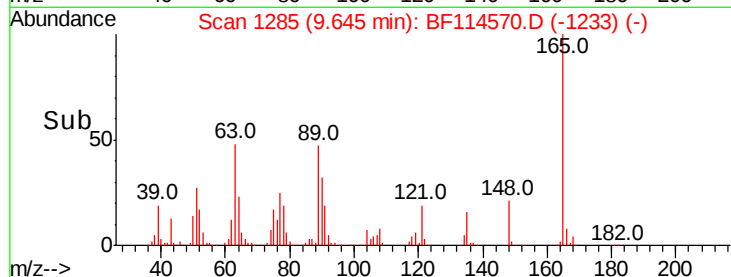
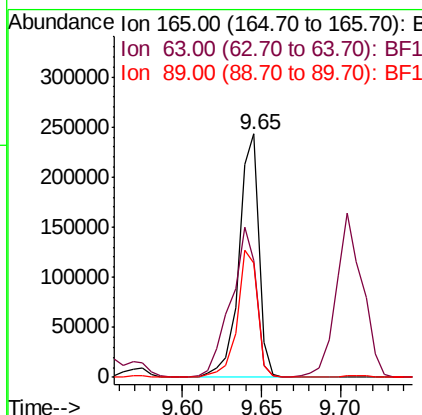
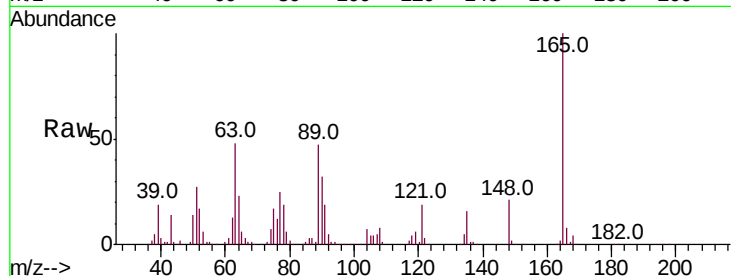




#51  
 2,6-Dinitrotoluene  
 Concen: 45.153 ng  
 RT: 9.65 min Scan# 1285  
 Delta R.T. 0.01 min  
 Lab File: BF114570.D  
 Acq: 24 May 2019 15:23

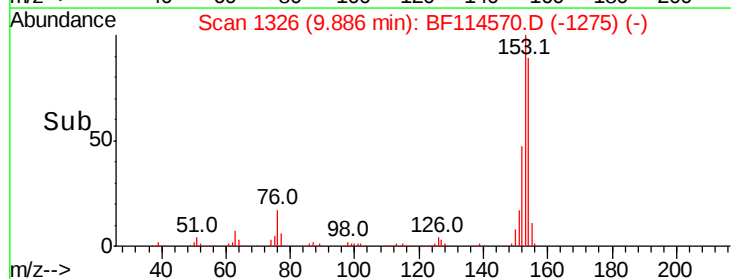
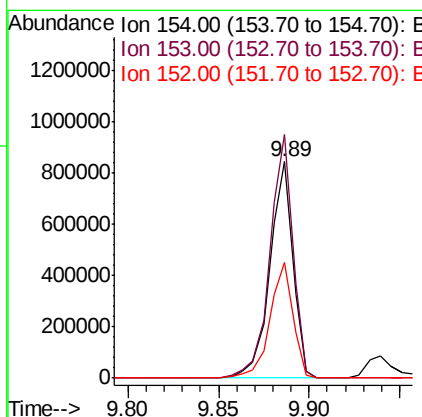
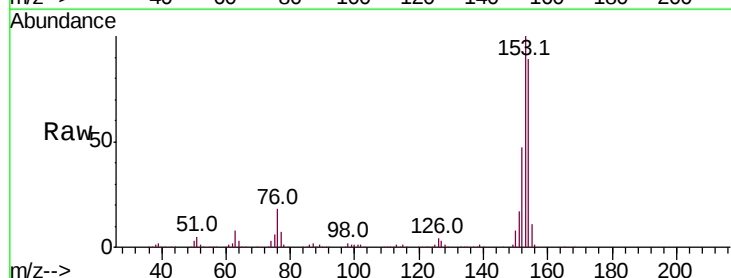
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119776BS

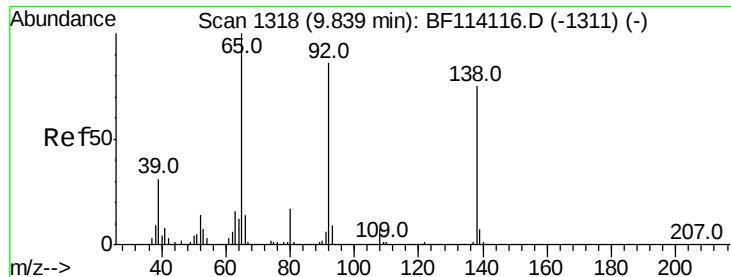
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 48.1  | 50.2  | 75.4# |
| 89      | 46.8  | 46.6  | 69.8  |



#52  
 Acenaphthene  
 Concen: 42.674 ng  
 RT: 9.89 min Scan# 1326  
 Delta R.T. 0.00 min  
 Lab File: BF114570.D  
 Acq: 24 May 2019 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.5 | 90.5  | 135.7 |
| 152     | 53.4  | 43.4  | 65.2  |

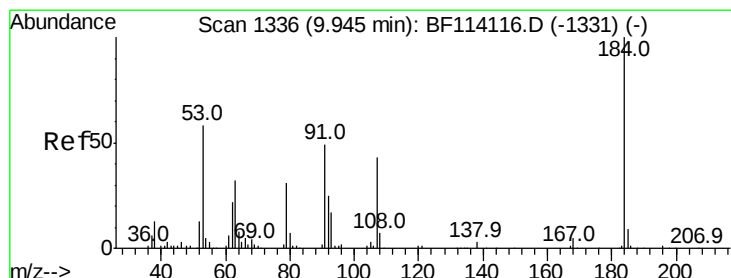
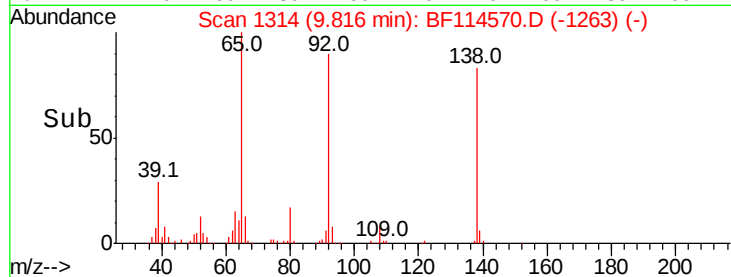
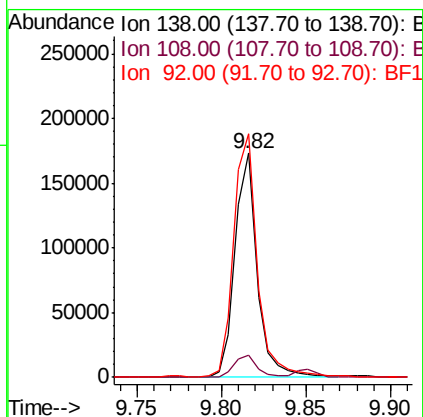
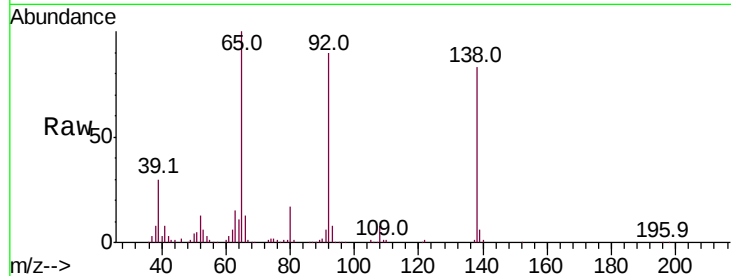




#53  
3-Nitroaniline  
Concen: 27.264 ng  
RT: 9.82 min Scan# 1314  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

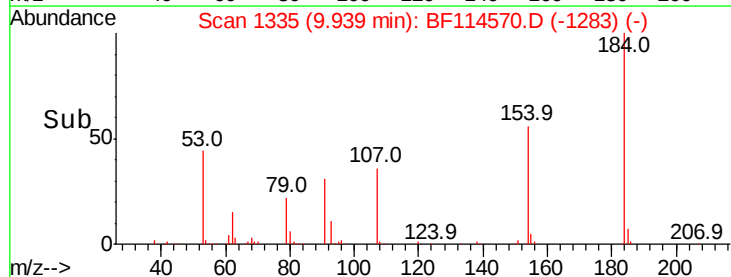
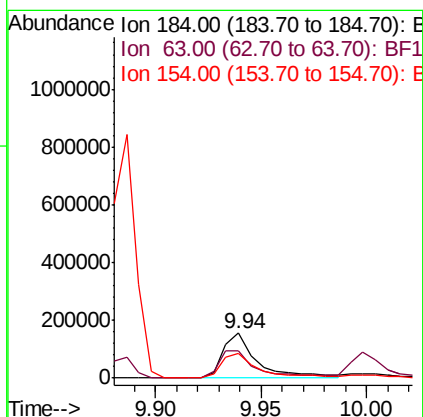
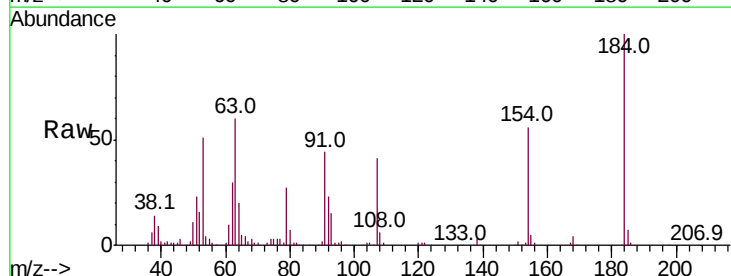
Instrument :  
BNA\_F  
ClientSampleId :  
PB119776BS

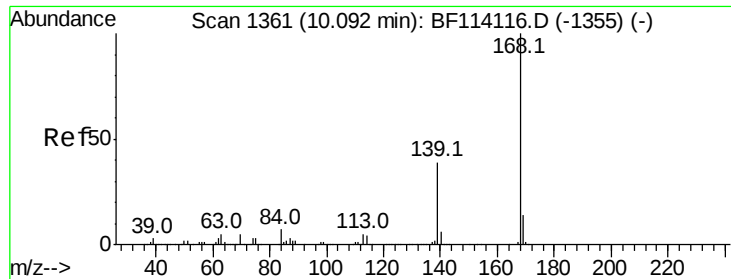
Tot Ion:138 Resp: 158516  
Ion Ratio Lower Upper  
138 100  
108 9.8 7.8 11.6  
92 108.6 91.2 136.8



#54  
2,4-Dinitrophenol  
Concen: 76.011 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. 0.01 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Tgt Ion:184 Resp: 178152  
Ion Ratio Lower Upper  
184 100  
63 60.0 55.6 83.4  
154 56.1 46.0 69.0





#55

Dibenzofuran

Concen: 42.335 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleID :

PB119776BS

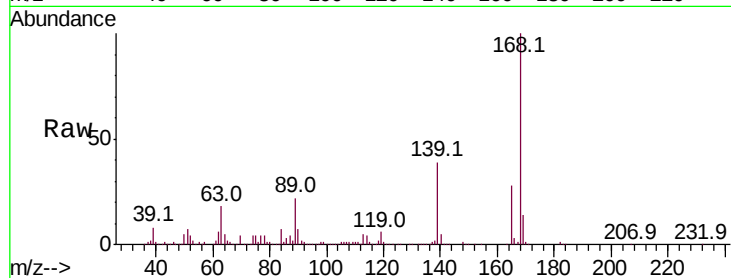
Tot Ion:168 Resp: 1083602

Ion Ratio Lower Upper

168 100

139 38.6 31.1 46.7

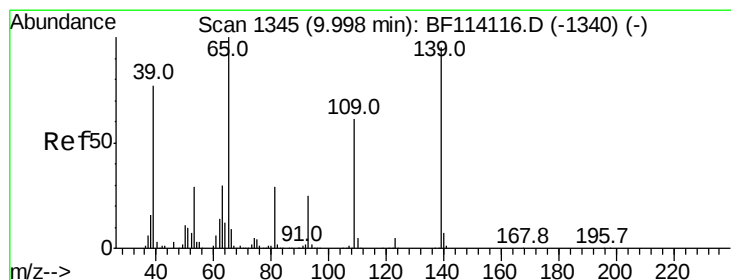
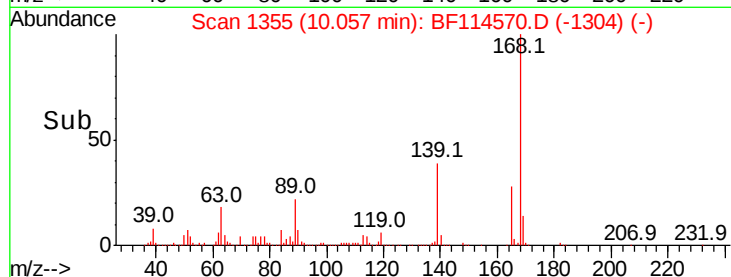
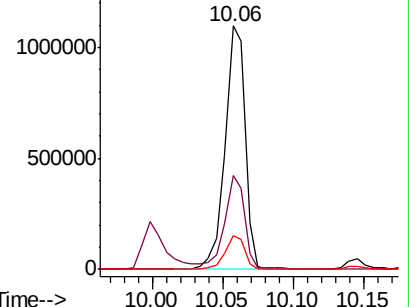
169 13.8 11.4 17.0



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: 58.215 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

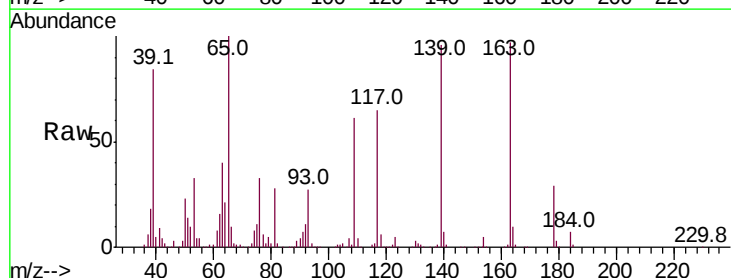
Tgt Ion:139 Resp: 239365

Ion Ratio Lower Upper

139 100

109 63.5 43.9 83.9

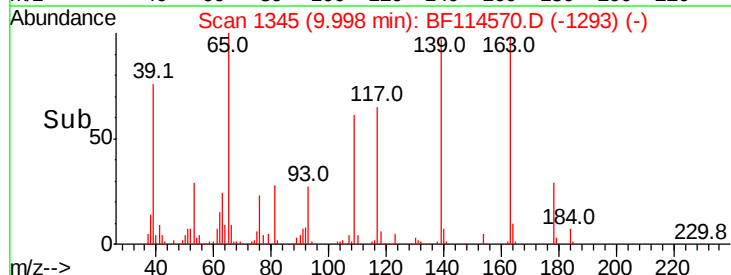
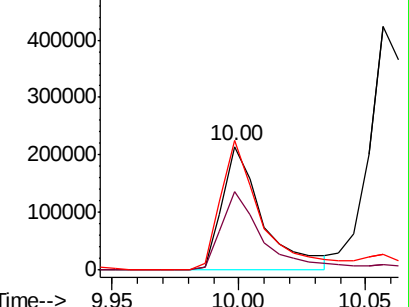
65 104.5 85.7 125.7

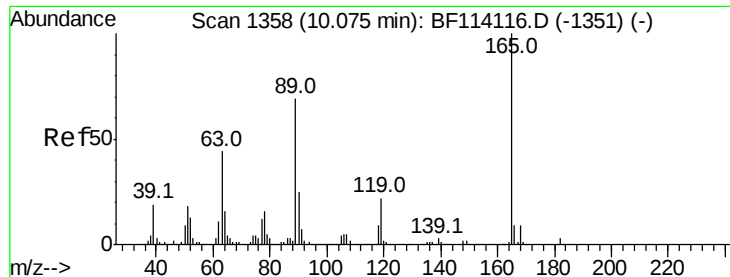


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.973 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

Tot Ion:165 Resp: 260478

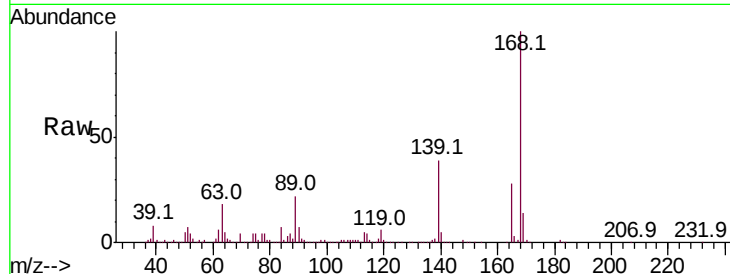
Ion Ratio Lower Upper

165 100

63 65.3 35.5 53.3#

89 79.0 55.2 82.8

182 2.6 2.2 3.2

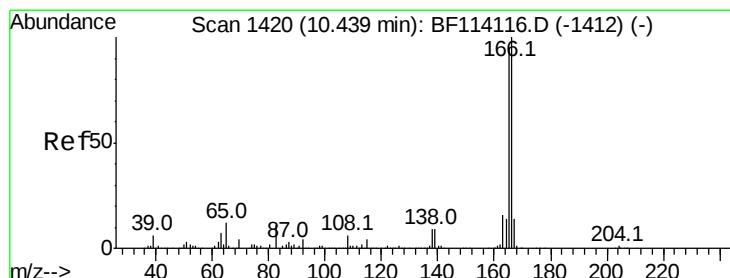
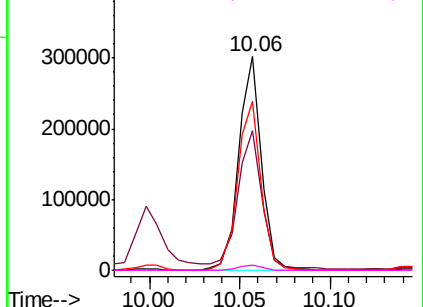
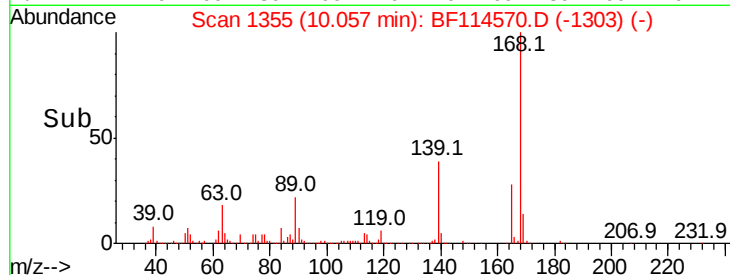


Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.616 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

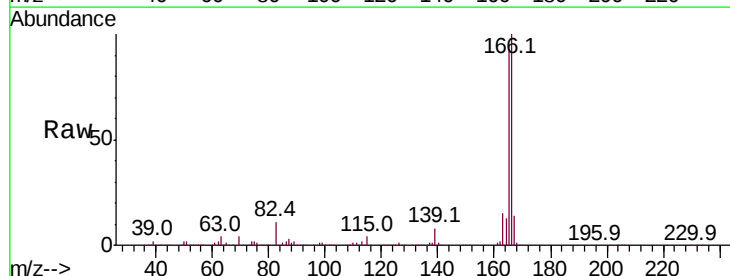
Tgt Ion:166 Resp: 901858

Ion Ratio Lower Upper

166 100

165 93.3 76.1 114.1

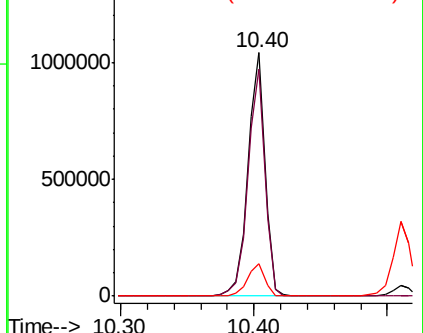
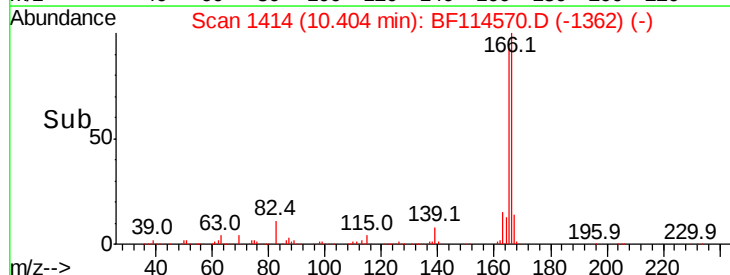
167 13.5 11.1 16.7

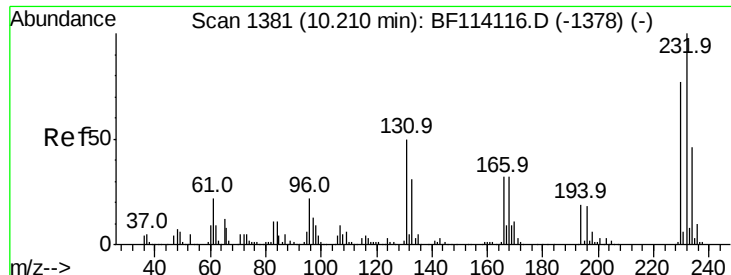


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

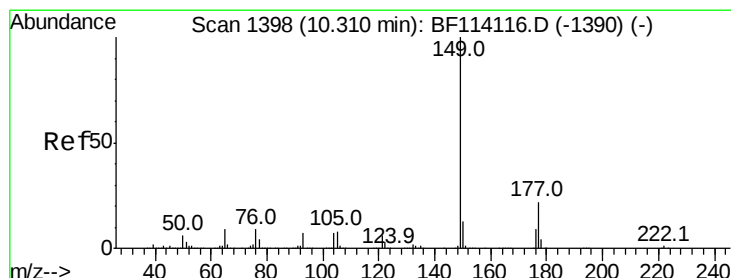
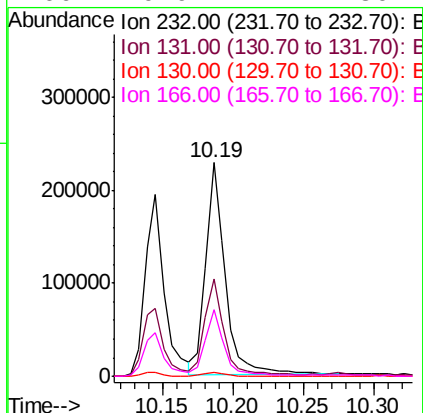
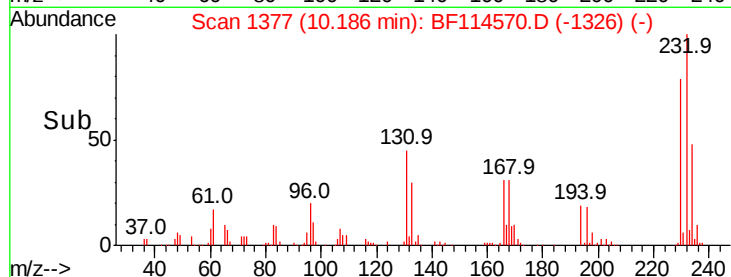
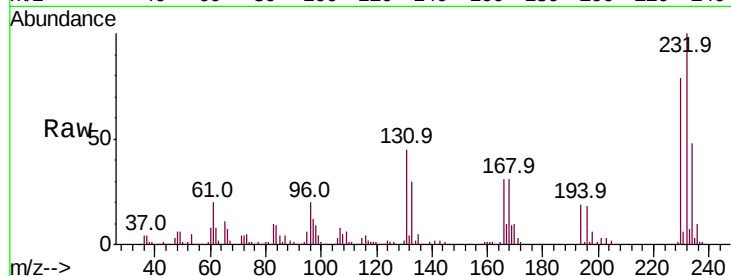




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.558 ng  
RT: 10.19 min Scan# 1377  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

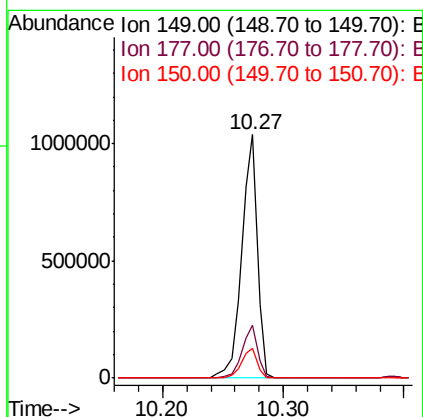
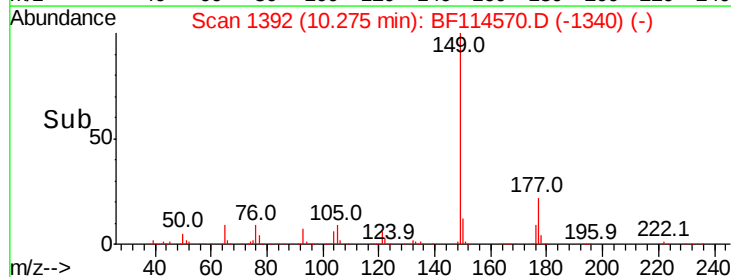
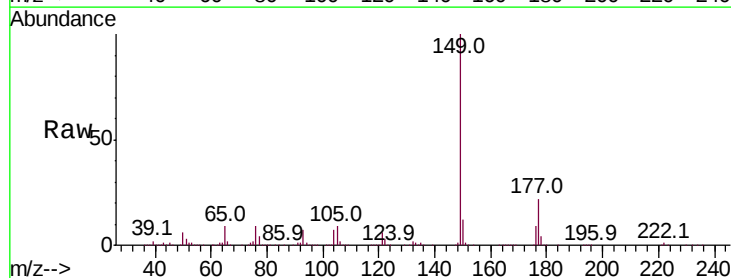
Instrument :  
BNA\_F  
ClientSampleId :  
PB119776BS

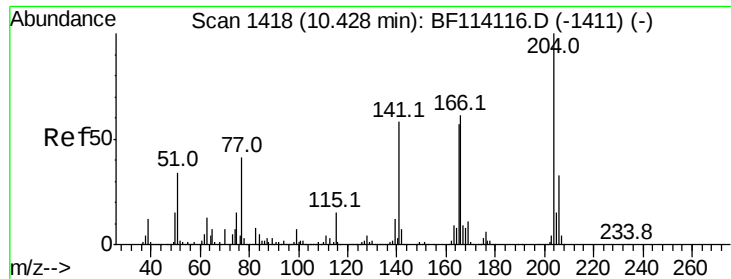
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.8  | 35.6  | 53.4  |
| 130     | 2.2   | 1.6   | 2.4   |
| 166     | 29.9  | 24.1  | 36.1  |



#60  
Diethylphthalate  
Concen: 43.746 ng  
RT: 10.27 min Scan# 1392  
Delta R.T. 0.01 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.8  | 17.8  | 26.6  |
| 150     | 12.4  | 10.2  | 15.2  |

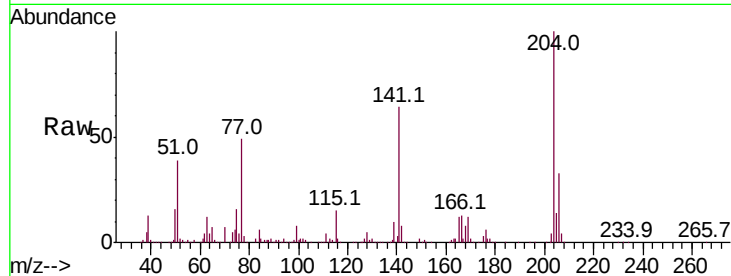




#61  
4-Chlorophenyl-phenylether  
Concen: 44.291 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB119776BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.1  | 26.6  | 39.8  |
| 141     | 64.4  | 46.4  | 69.6  |

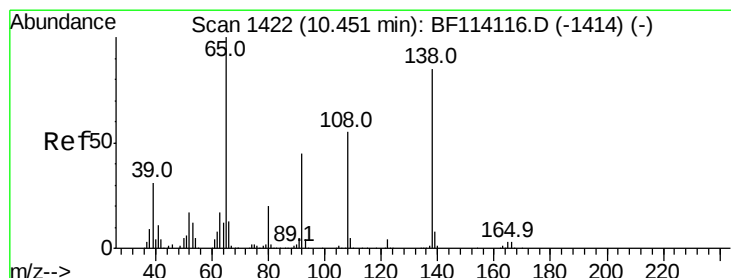
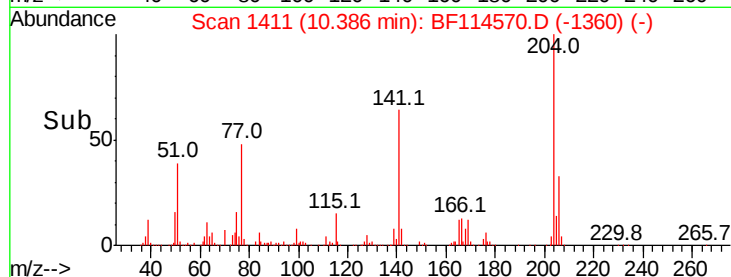
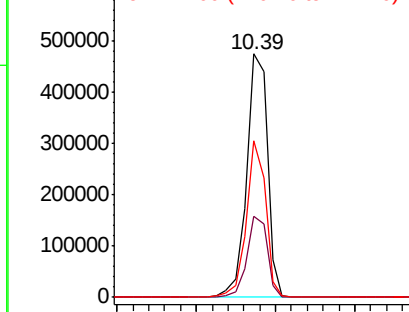


Abundance

Ion 204.00 (203.70 to 204.70): E

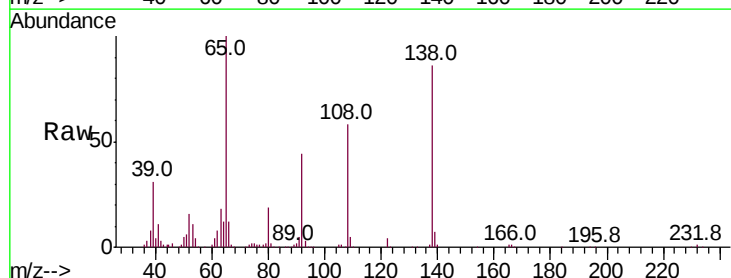
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 36.995 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.5  | 33.0  | 73.0  |
| 108     | 67.0  | 44.9  | 84.9  |

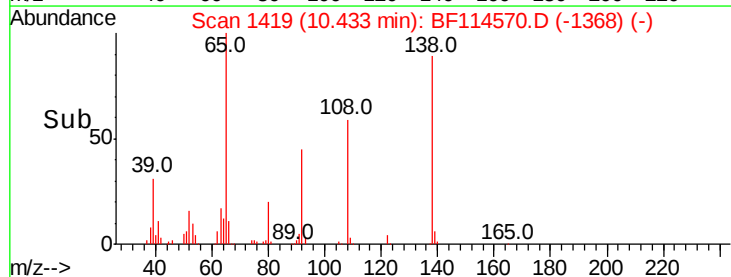
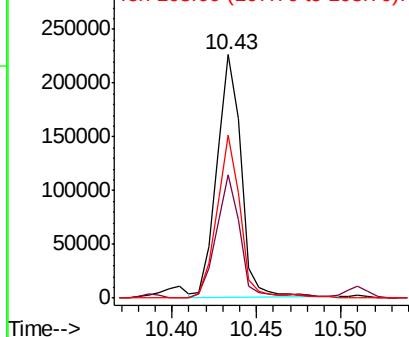


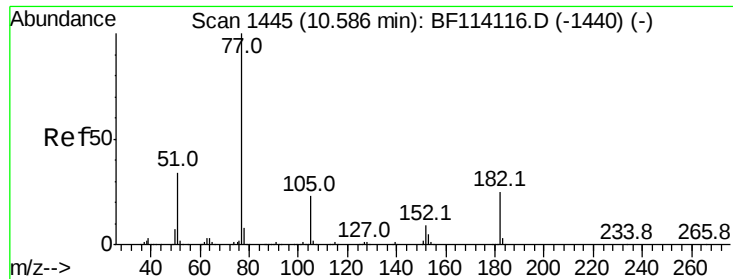
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.016 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

Tot Ion: 77 Resp: 893387

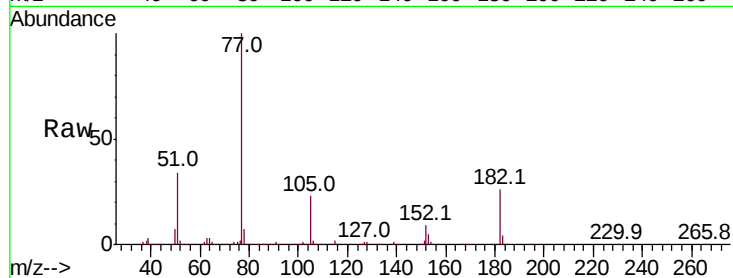
Ion Ratio Lower Upper

77 100

182 25.8 4.7 44.7

105 23.1 2.9 42.9

51 33.9 14.6 54.6

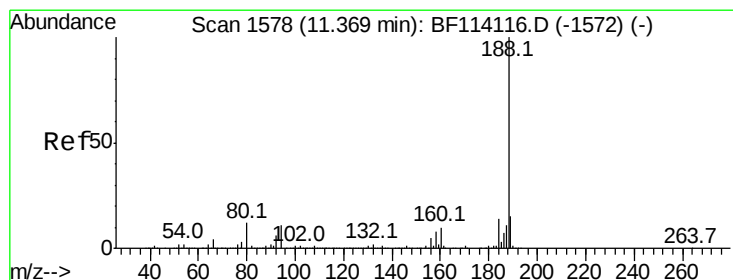
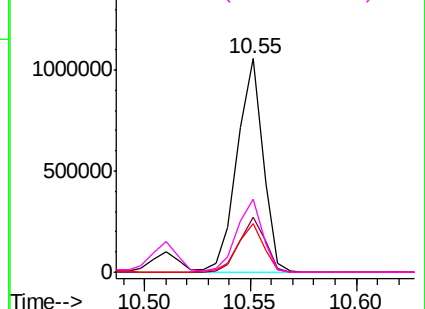
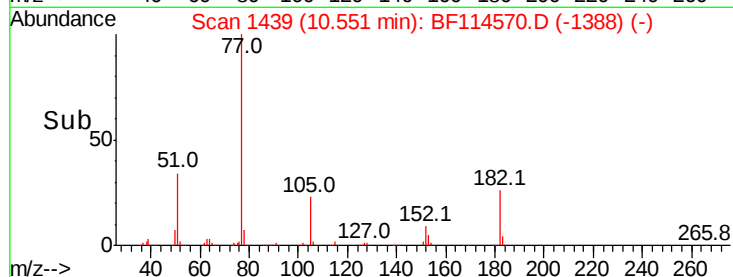


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

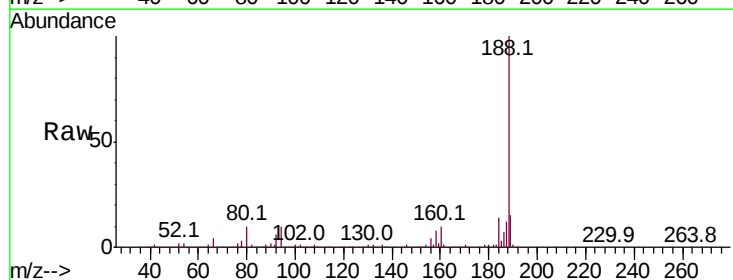
Tgt Ion: 188 Resp: 584859

Ion Ratio Lower Upper

188 100

94 9.5 8.4 12.6

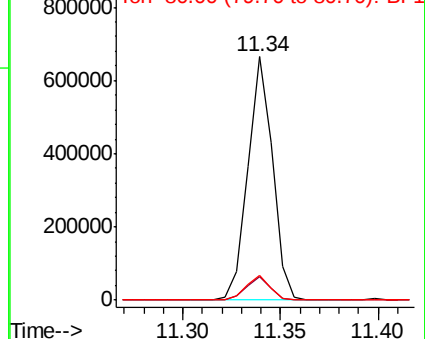
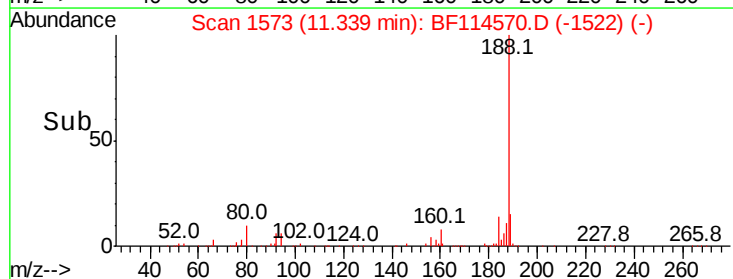
80 10.2 9.2 13.8

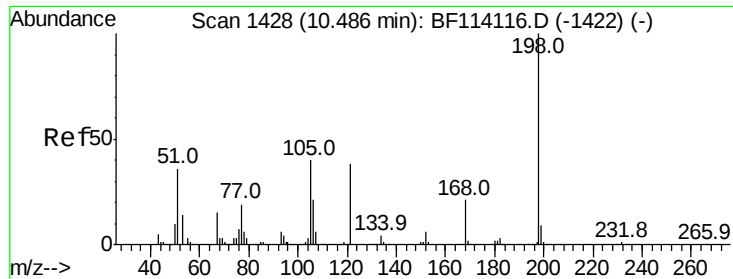


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 44.290 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

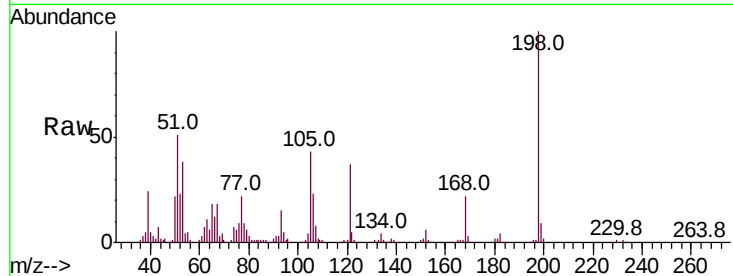
Tot Ion:198 Resp: 124469

Ion Ratio Lower Upper

198 100

51 50.7 28.0 68.0

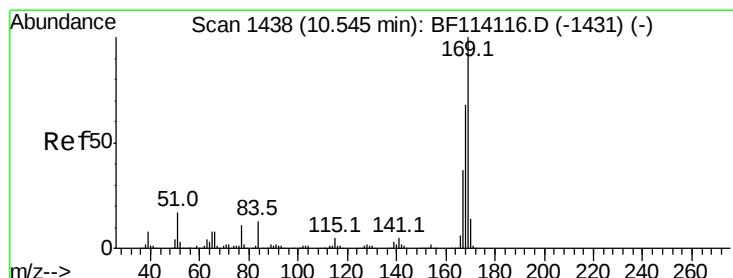
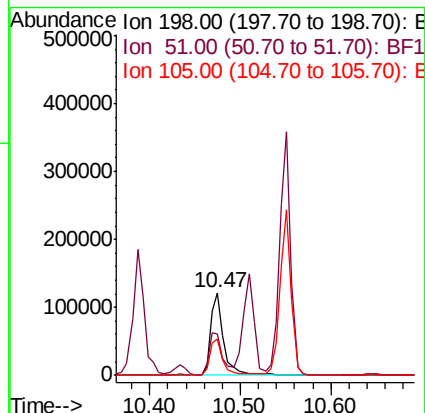
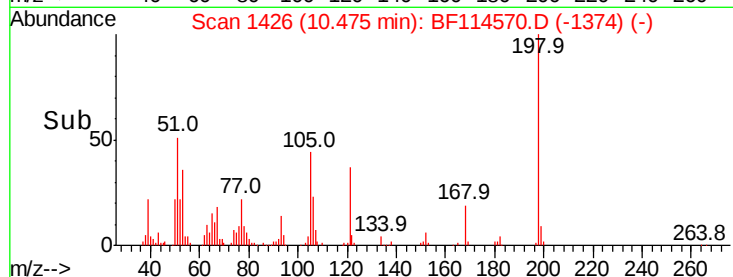
105 43.4 21.1 61.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.949 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

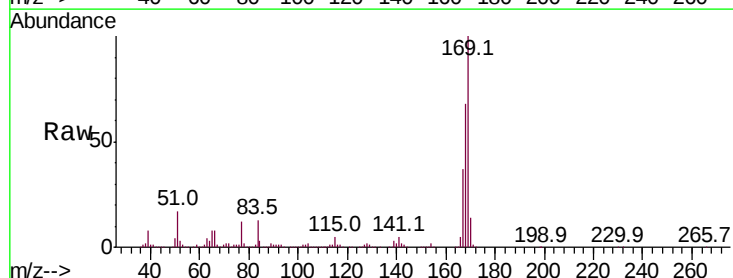
Tgt Ion:169 Resp: 797871

Ion Ratio Lower Upper

169 100

168 68.3 54.2 81.2

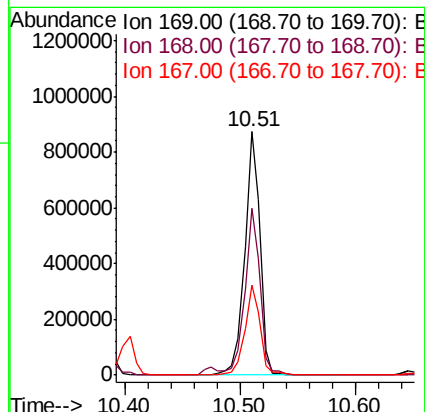
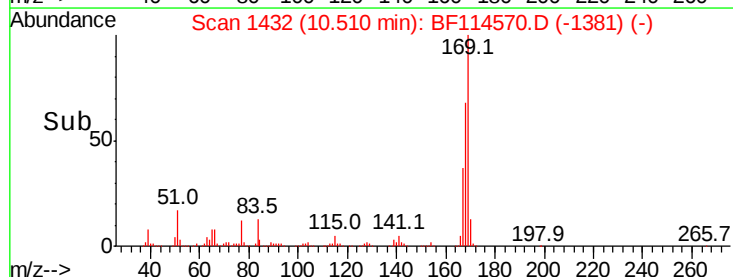
167 36.9 29.8 44.8

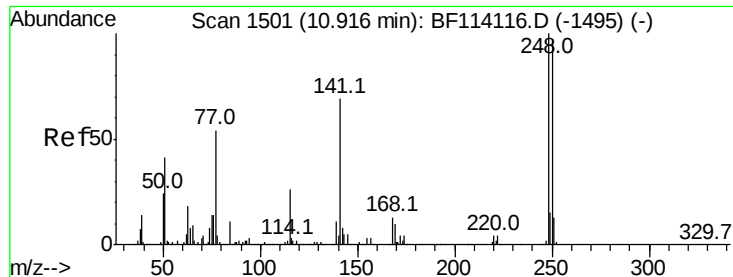


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

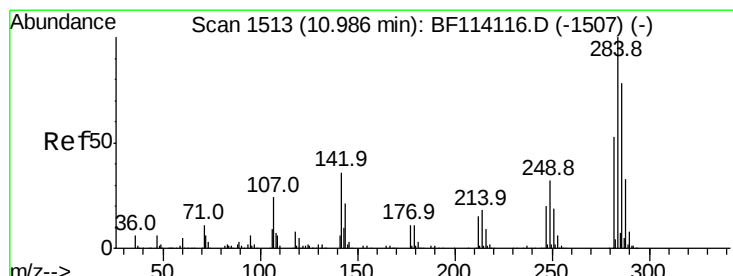
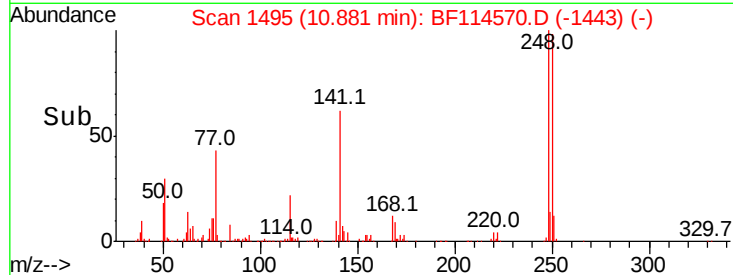
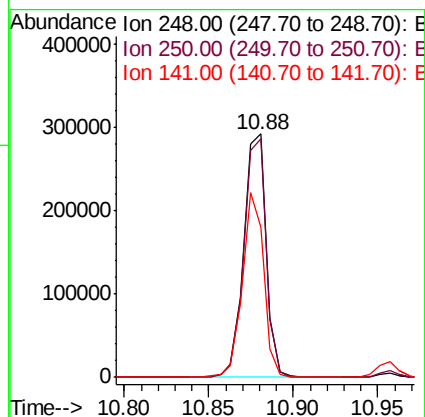
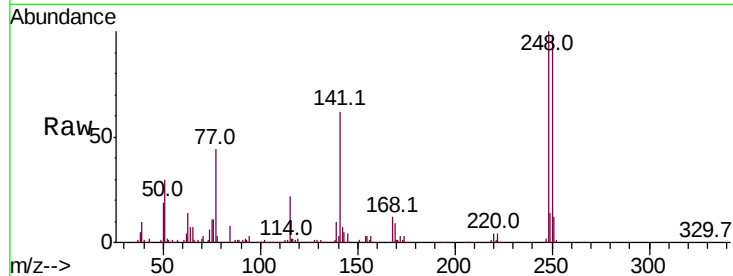




#67  
4-Bromophenyl-phenylether  
Concen: 42.206 ng  
RT: 10.88 min Scan# 1495  
Delta R.T. 0.01 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

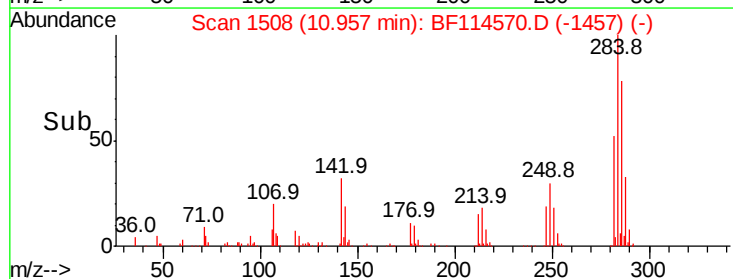
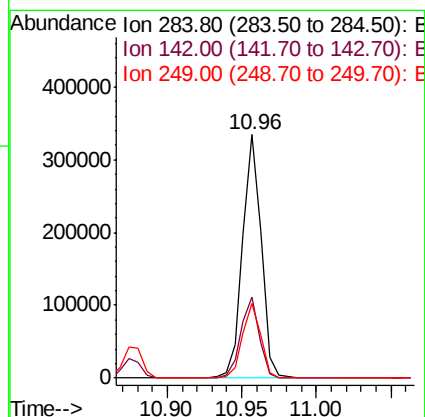
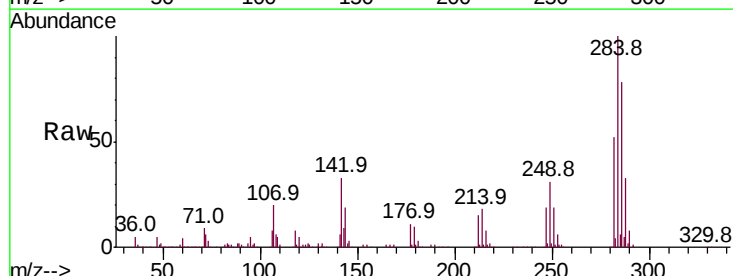
Instrument :  
BNA\_F  
ClientSampleId :  
PB119776BS

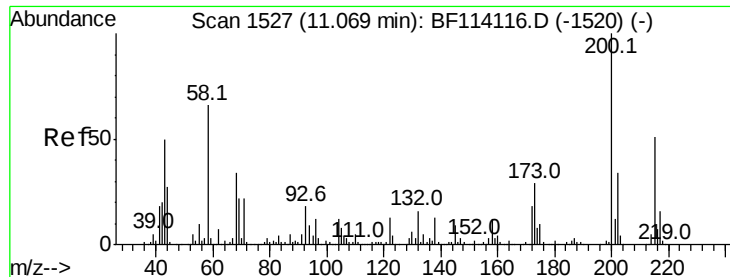
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.1  | 77.4  | 116.2 |
| 141     | 61.6  | 55.6  | 83.4  |



#68  
Hexachlorobenzene  
Concen: 41.025 ng  
RT: 10.96 min Scan# 1508  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.1  | 28.4  | 42.6  |
| 249     | 30.8  | 25.2  | 37.8  |

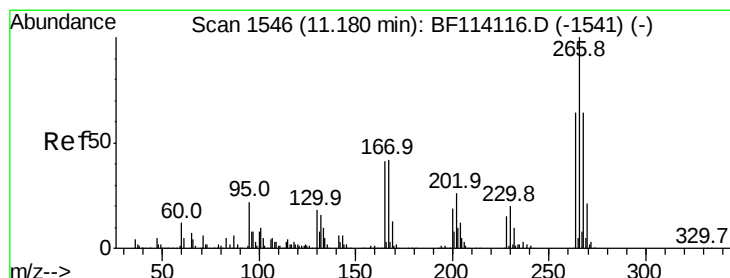
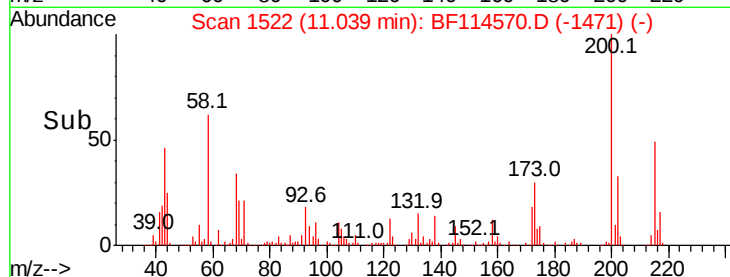
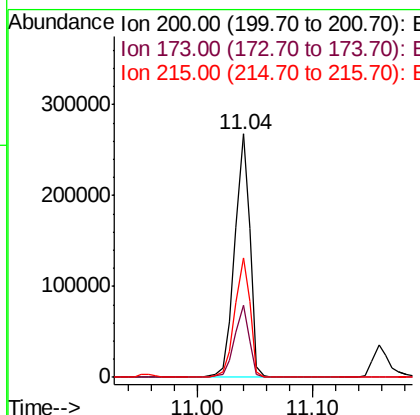
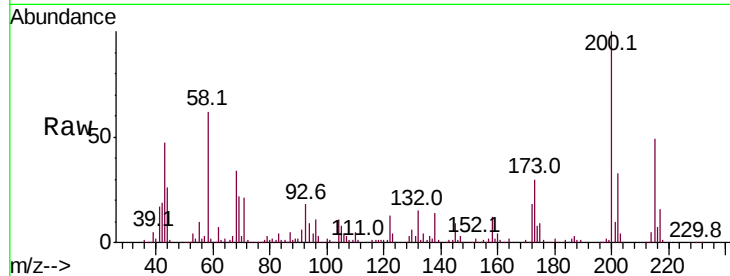




#69  
Atrazine  
Concen: 44.177 ng  
RT: 11.04 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

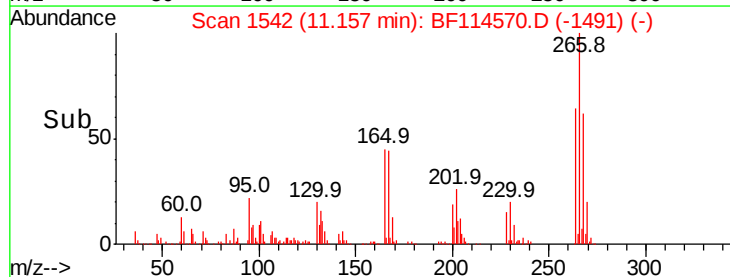
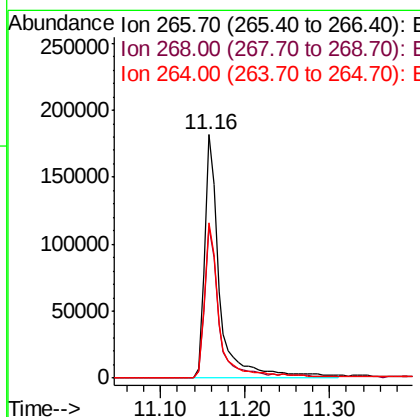
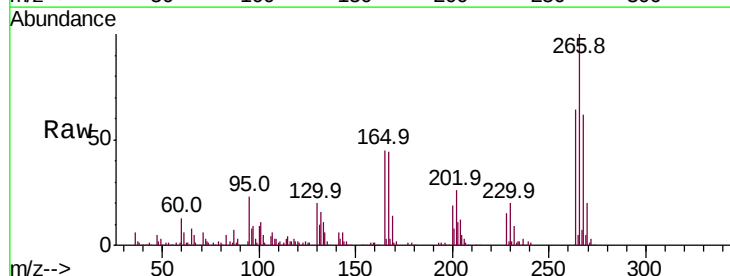
Instrument :  
BNA\_F  
ClientSampleId :  
PB119776BS

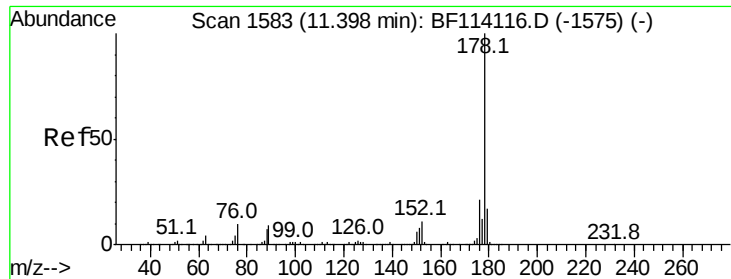
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.6  | 8.9   | 48.9  |
| 215     | 49.2  | 30.7  | 70.7  |



#70  
Pentachlorophenol  
Concen: 67.098 ng  
RT: 11.16 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.2  | 51.1  | 76.7  |
| 264     | 63.8  | 51.1  | 76.7  |

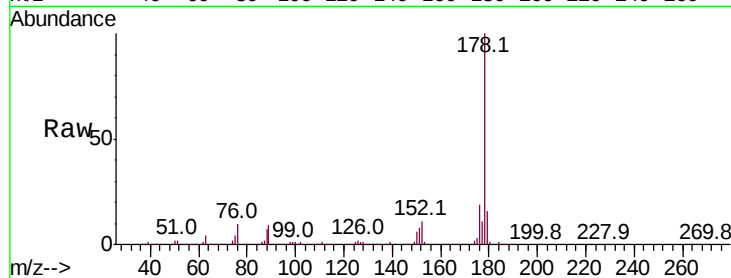




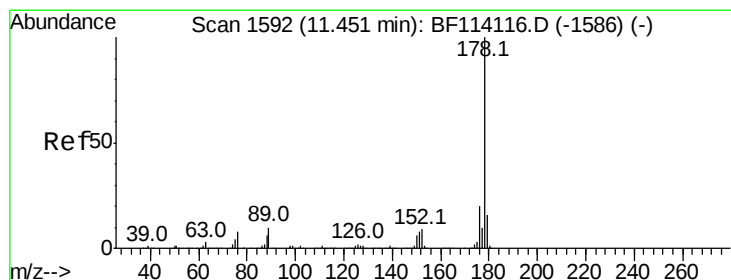
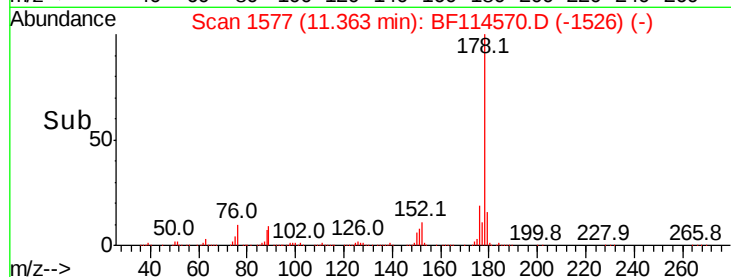
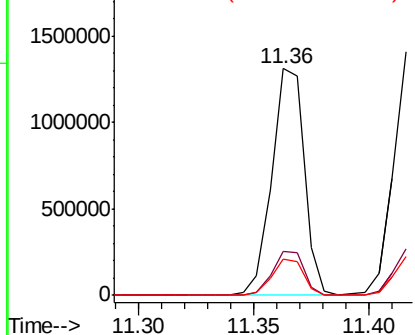
#71  
Phenanthrene  
Concen: 45.072 ng  
RT: 11.36 min Scan# 1577  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB119776BS

Tot Ion:178 Resp: 1282490  
Ion Ratio Lower Upper  
178 100  
176 19.1 16.4 24.6  
179 16.0 13.2 19.8

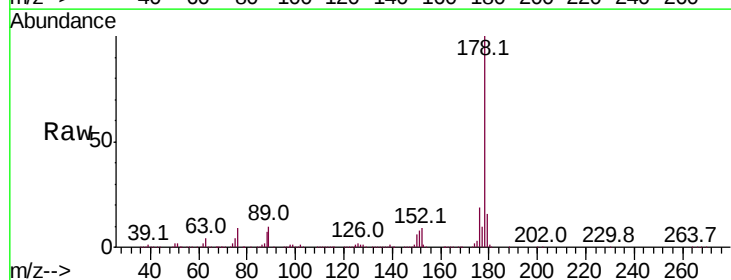


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

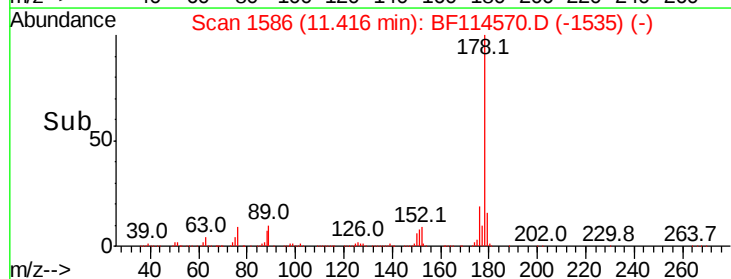
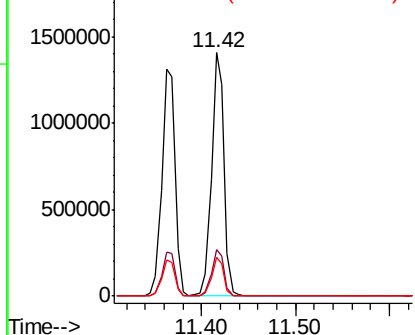


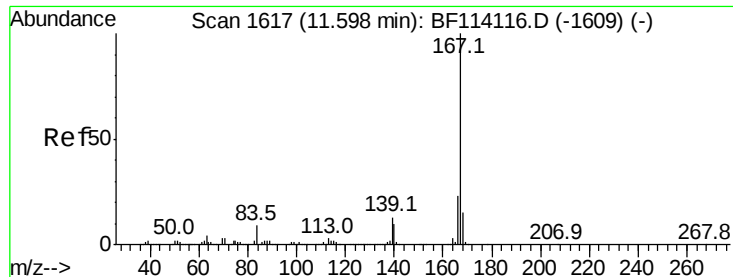
#72  
Anthracene  
Concen: 46.591 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. 0.00 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Tgt Ion:178 Resp: 1331560  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.8 23.8  
179 15.9 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

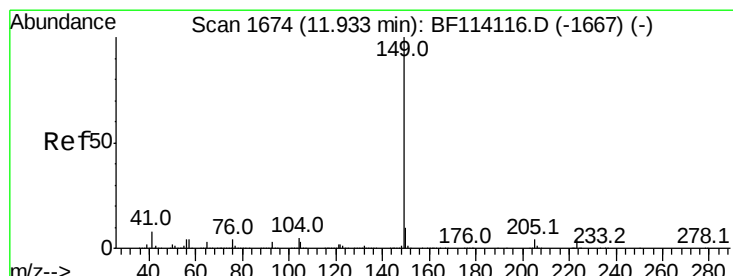
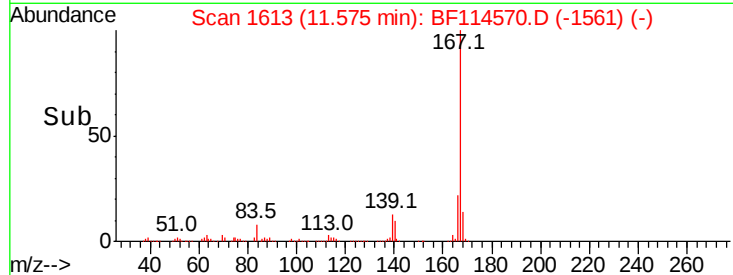
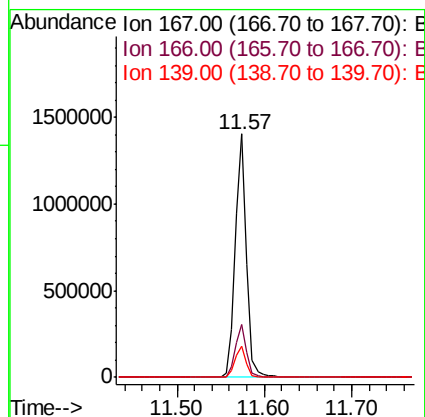
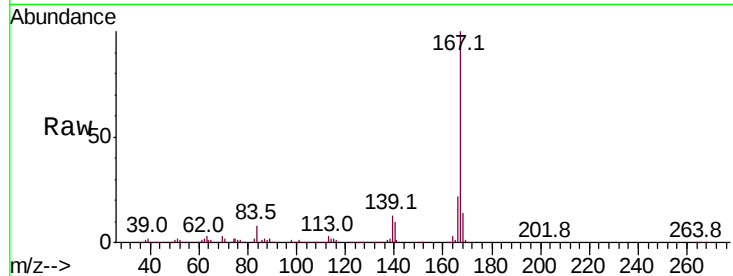




#73  
 Carbazole  
 Concen: 45.274 ng  
 RT: 11.57 min Scan# 1613  
 Delta R.T. 0.01 min  
 Lab File: BF114570.D  
 Acq: 24 May 2019 15:23

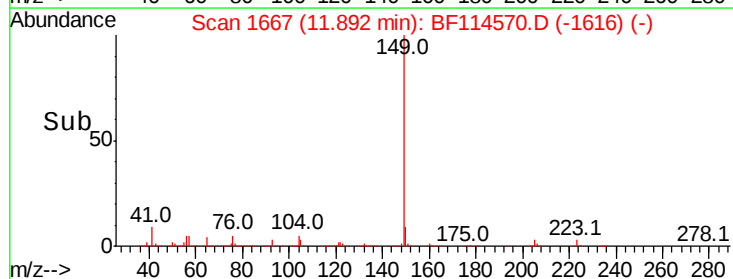
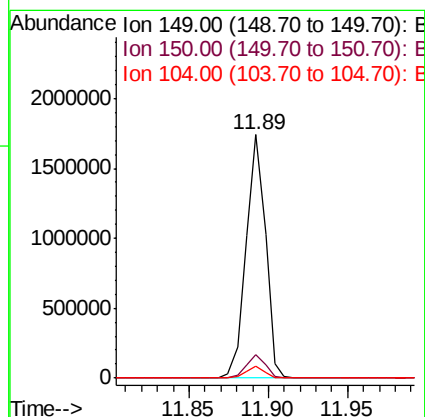
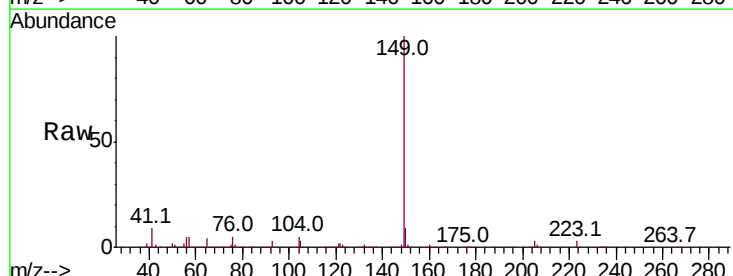
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119776BS

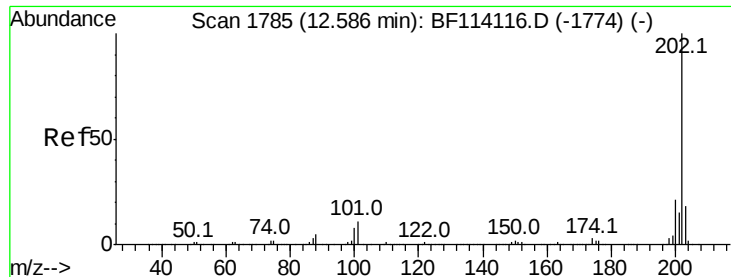
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.0  | 18.2  | 27.2  |
| 139     | 12.7  | 10.6  | 16.0  |



#74  
 Di-n-butylphthalate  
 Concen: 46.814 ng  
 RT: 11.89 min Scan# 1667  
 Delta R.T. 0.00 min  
 Lab File: BF114570.D  
 Acq: 24 May 2019 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.4   | 7.7   | 11.5  |
| 104     | 4.8   | 3.6   | 5.4   |

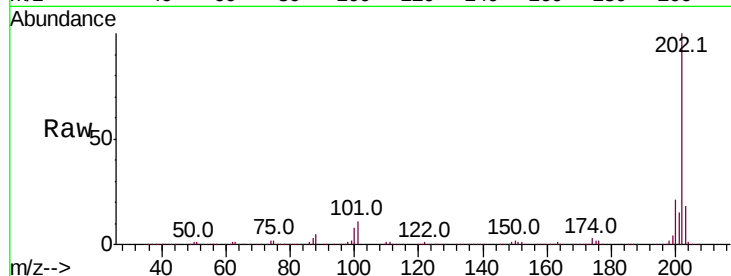




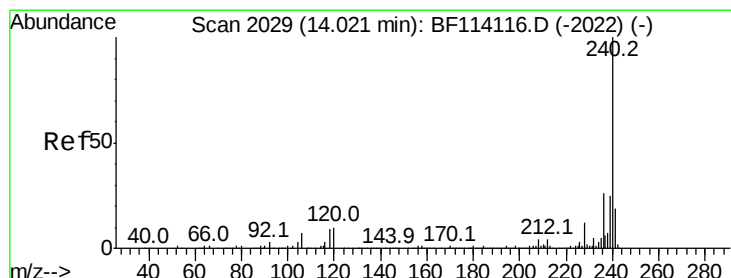
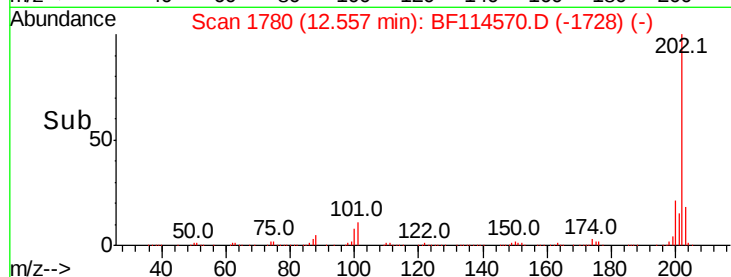
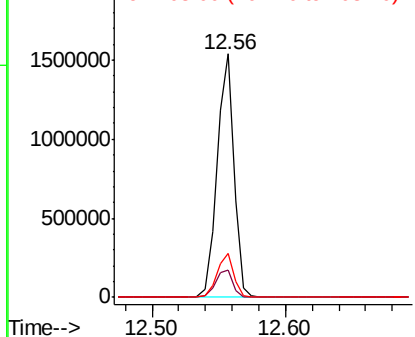
#75  
 Fluoranthene  
 Concen: 44.999 ng  
 RT: 12.56 min Scan# 1780  
 Delta R.T. 0.01 min  
 Lab File: BF114570.D  
 Acq: 24 May 2019 15:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119776BS

Tot Ion:202 Resp: 1378849  
 Ion Ratio Lower Upper  
 202 100  
 101 11.0 0.0 31.0  
 203 18.0 0.0 38.4

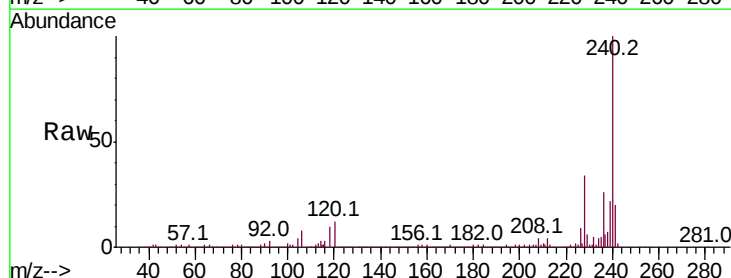


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

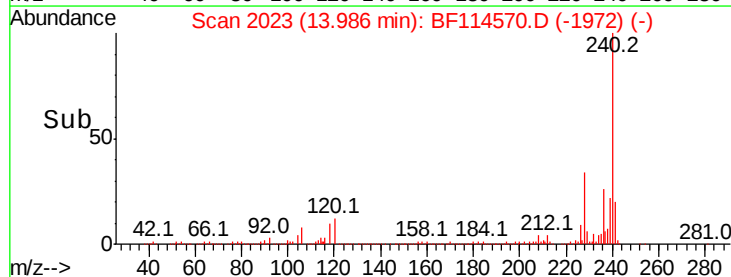
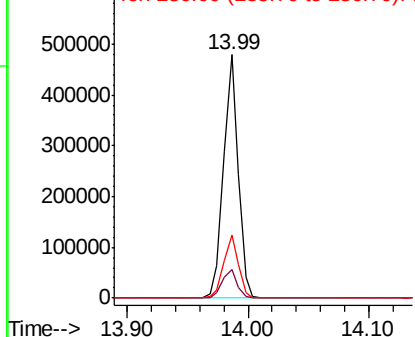


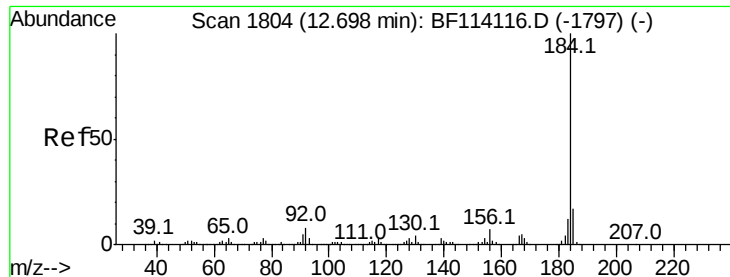
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.99 min Scan# 2023  
 Delta R.T. 0.00 min  
 Lab File: BF114570.D  
 Acq: 24 May 2019 15:23

Tgt Ion:240 Resp: 400464  
 Ion Ratio Lower Upper  
 240 100  
 120 11.7 8.3 12.5  
 236 26.1 20.8 31.2



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: 34.890 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

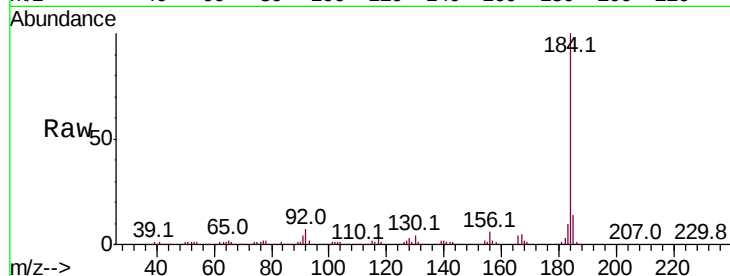
Tot Ion:184 Resp: 627193

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.4  | 13.6  | 20.4  |
| 183 | 10.4  | 9.2   | 13.8  |

184 100

185 14.4 13.6 20.4

183 10.4 9.2 13.8

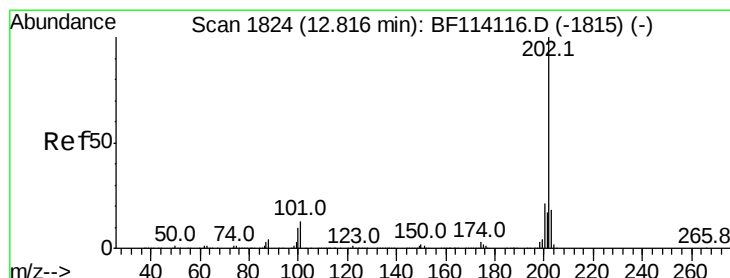
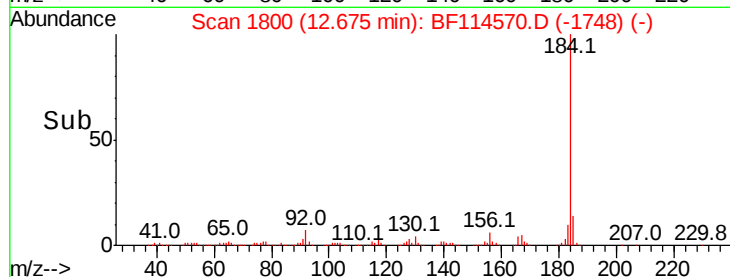
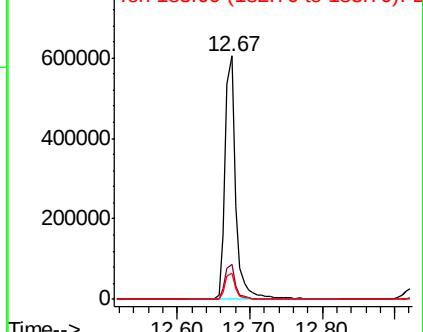


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.675 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

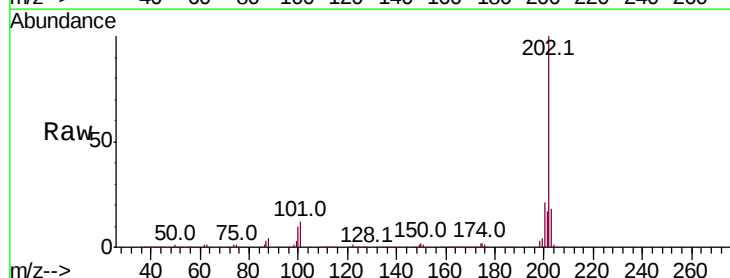
Tgt Ion:202 Resp: 1407012

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.6  | 16.9  | 25.3  |
| 203 | 17.8  | 14.5  | 21.7  |

202 100

200 20.6 16.9 25.3

203 17.8 14.5 21.7

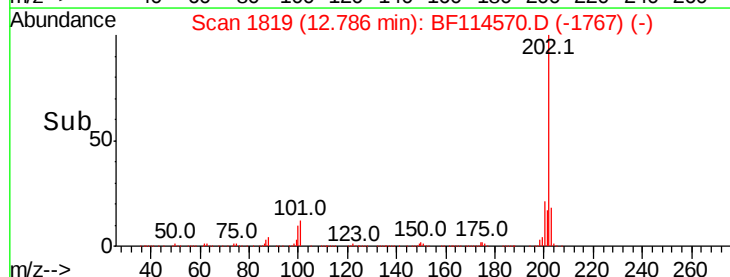
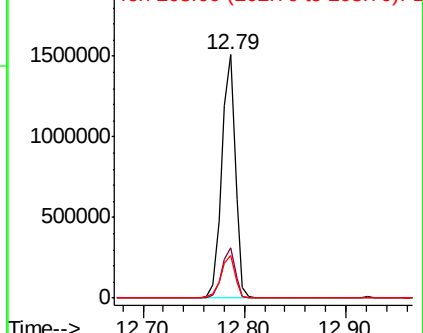


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.824 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

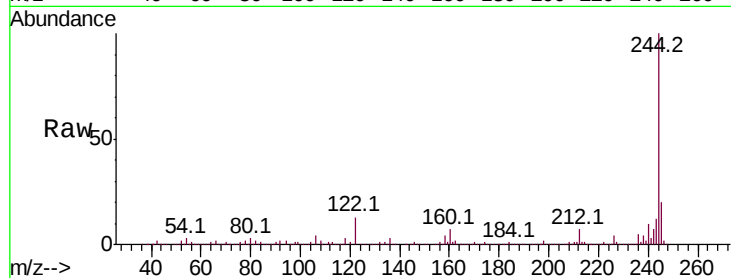
Tot Ion:244 Resp: 1822679

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

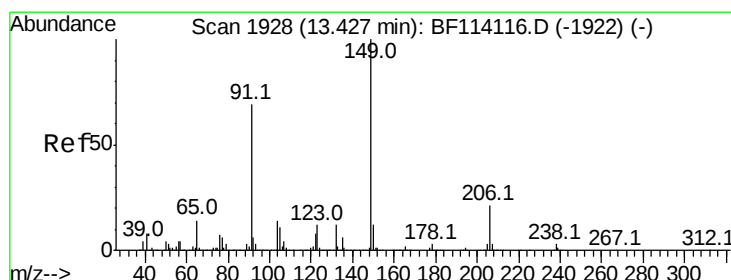
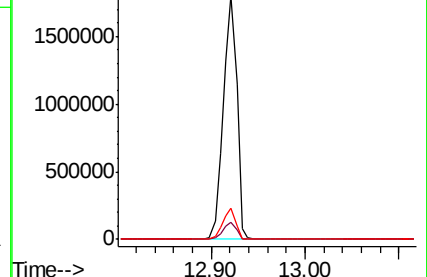
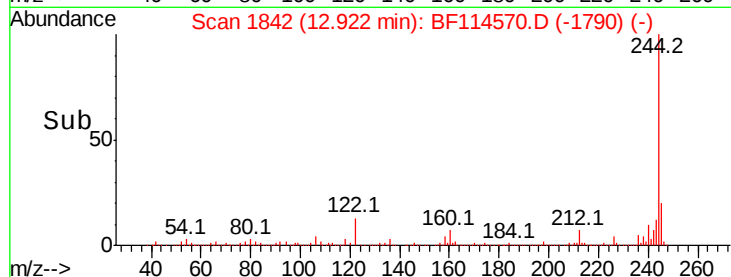
122 12.6 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.633 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

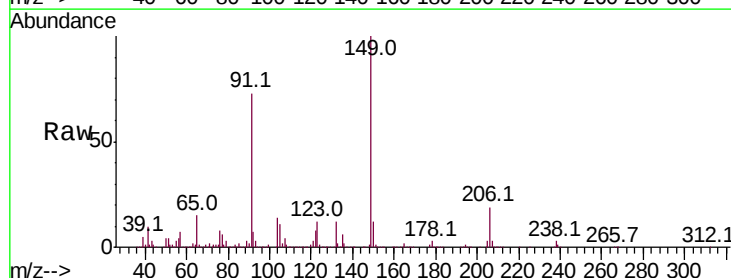
Tgt Ion:149 Resp: 632328

Ion Ratio Lower Upper

149 100

91 72.9 55.0 82.4

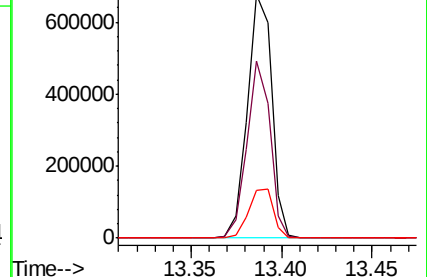
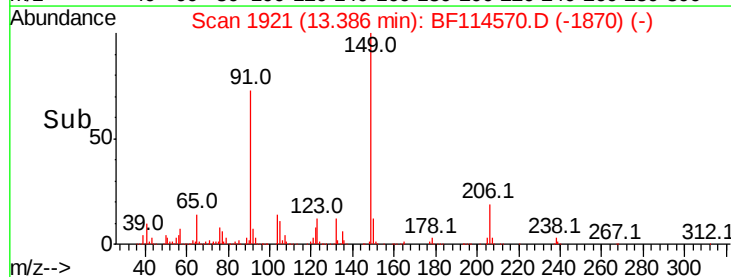
206 19.4 16.9 25.3

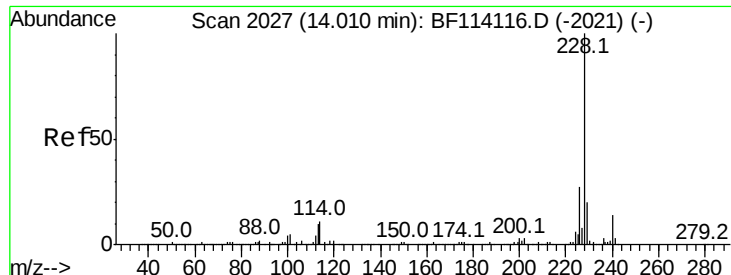


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.905 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

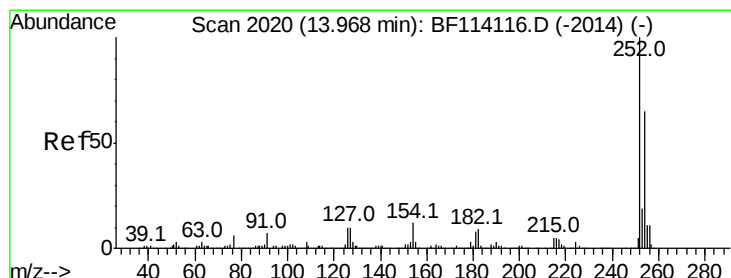
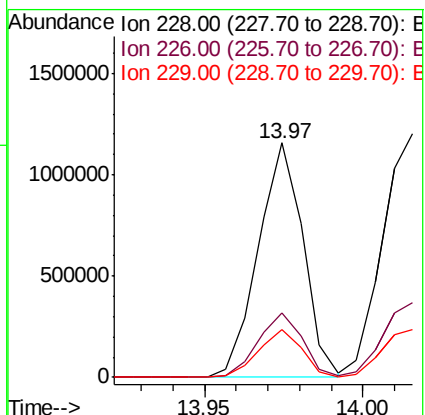
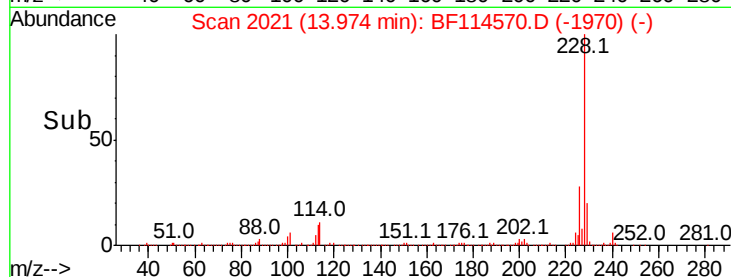
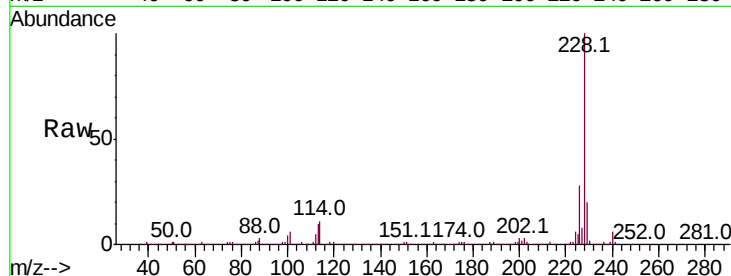
BNA\_F

ClientSampleId :

PB119776BS

Tot Ion:228 Resp: 1137206

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.6  | 22.2  | 33.2  |
| 229 | 20.3  | 16.4  | 24.6  |



#82

3,3'-Dichlorobenzidine

Concen: 31.611 ng

RT: 13.93 min Scan# 2013

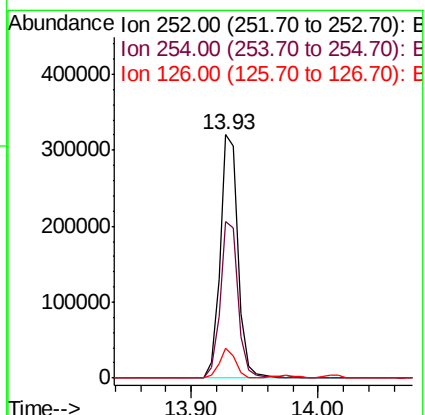
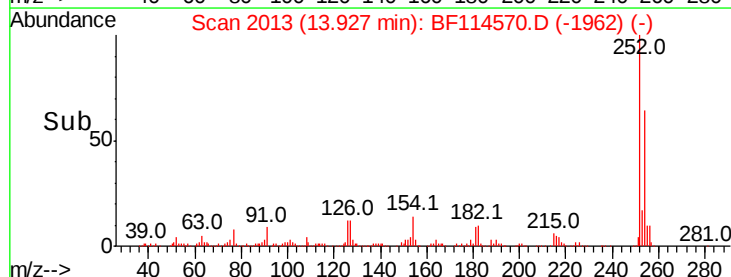
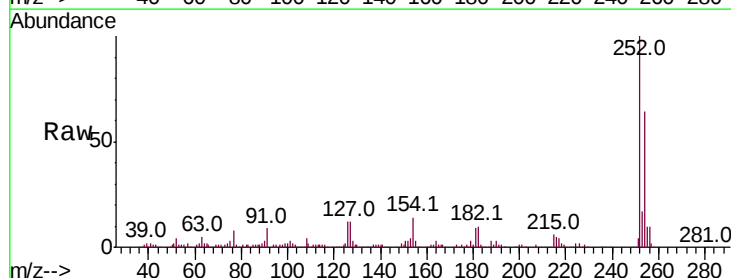
Delta R.T. 0.00 min

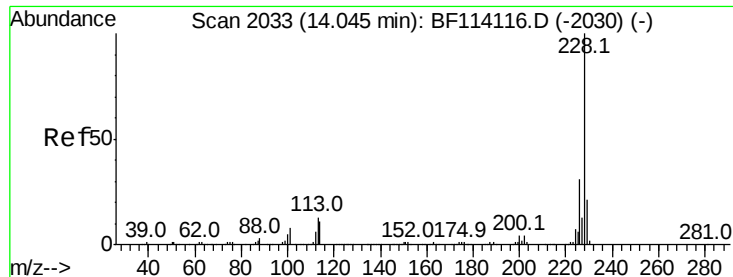
Lab File: BF114570.D

Acq: 24 May 2019 15:23

Tgt Ion:252 Resp: 317631

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.2  | 51.9  | 77.9  |
| 126 | 12.3  | 7.9   | 11.9  |





#83

Chrysene

Concen: 44.858 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

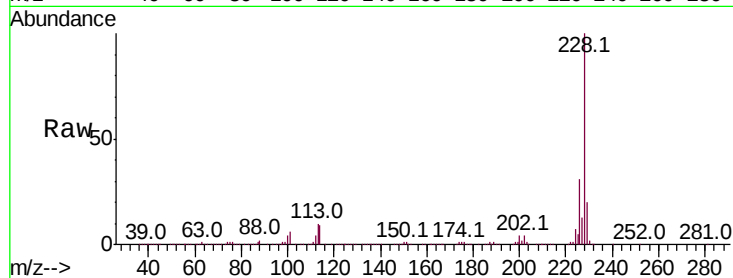
Tot Ion:228 Resp: 1138983

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

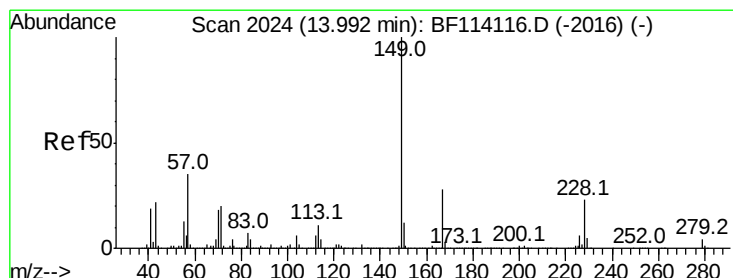
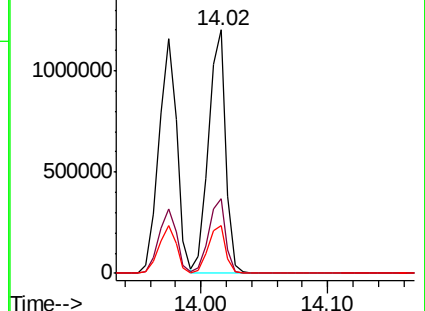
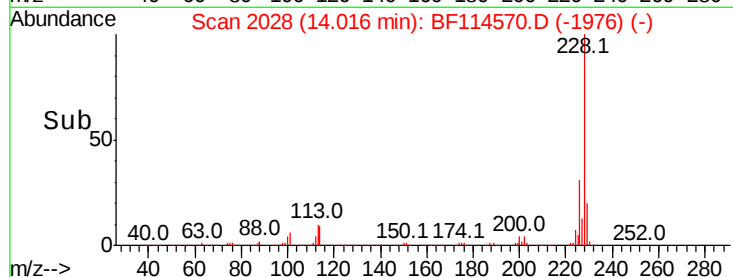
229 19.8 17.0 25.6



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: 49.108 ng

RT: 13.95 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

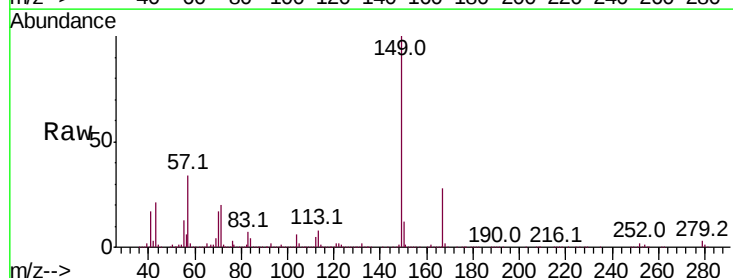
Tgt Ion:149 Resp: 870908

Ion Ratio Lower Upper

149 100

167 27.5 22.6 33.8

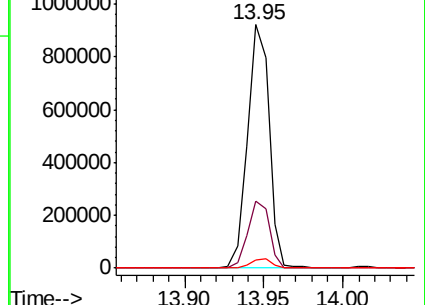
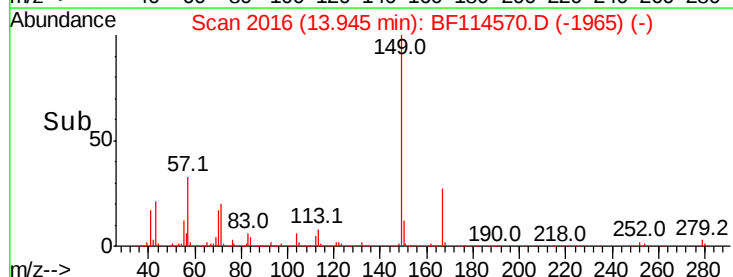
279 3.5 3.0 4.6

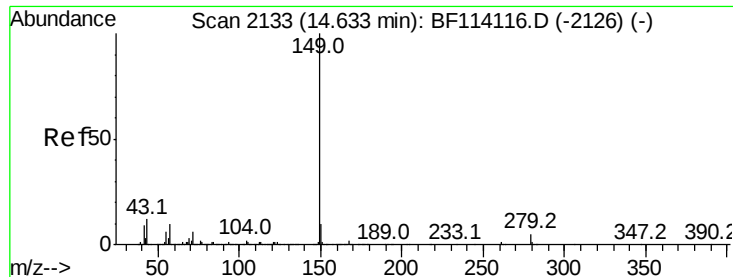


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.616 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

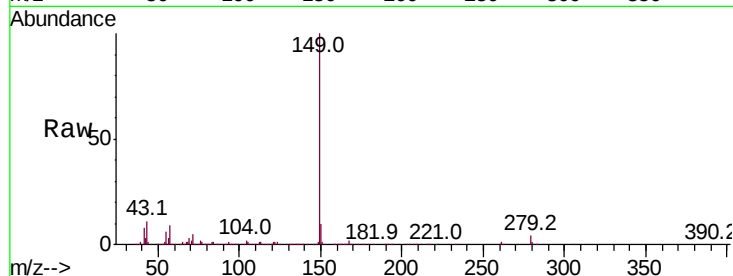
Tot Ion:149 Resp: 1426377

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

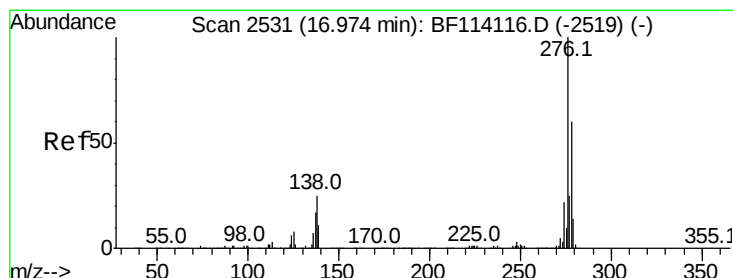
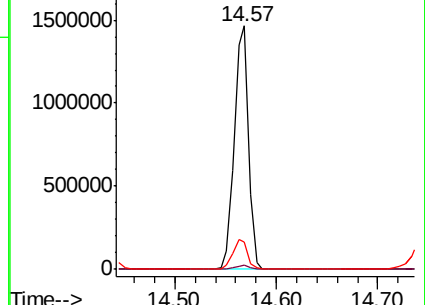
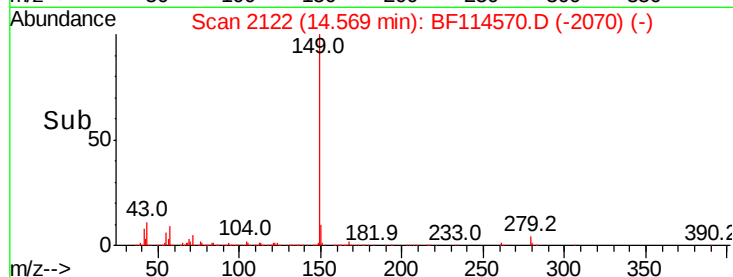
43 11.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

2000000 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: 42.856 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

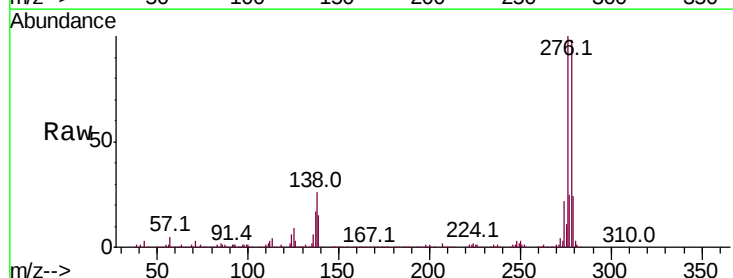
Tgt Ion:276 Resp: 961695

Ion Ratio Lower Upper

276 100

138 24.8 20.2 30.2

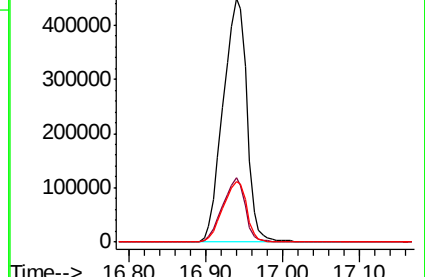
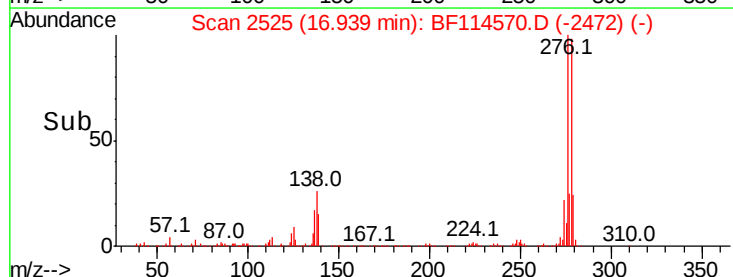
277 24.9 20.0 30.0

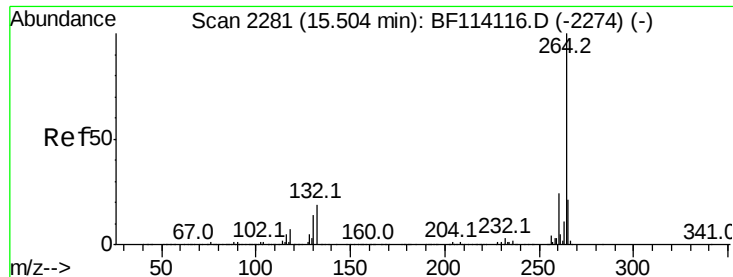


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

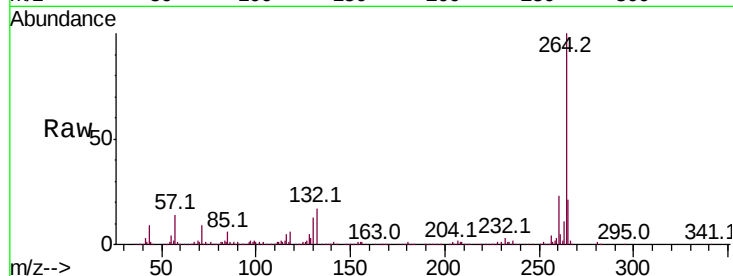
BNA\_F

ClientSampleId :

PB119776BS

Tot Ion:264 Resp: 378196

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.4  | 19.4  | 29.0  |
| 265 | 20.9  | 16.9  | 25.3  |



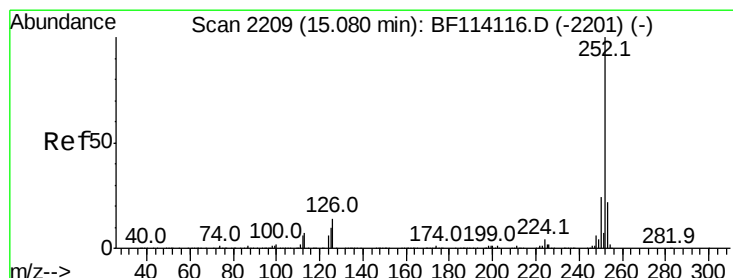
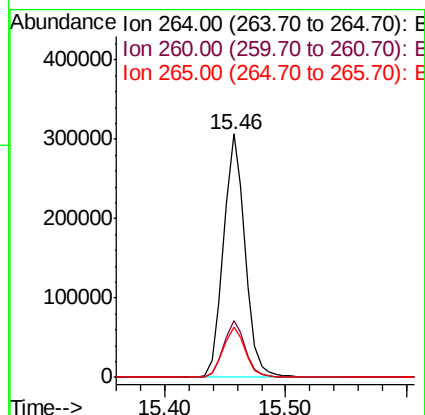
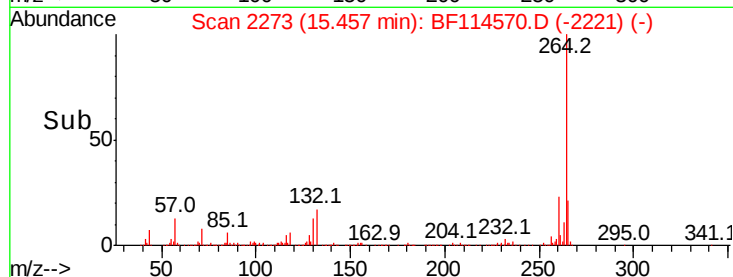
Abundance

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

Time-->



#88

Benzo(b)fluoranthene

Concen: 44.068 ng

RT: 15.03 min Scan# 2201

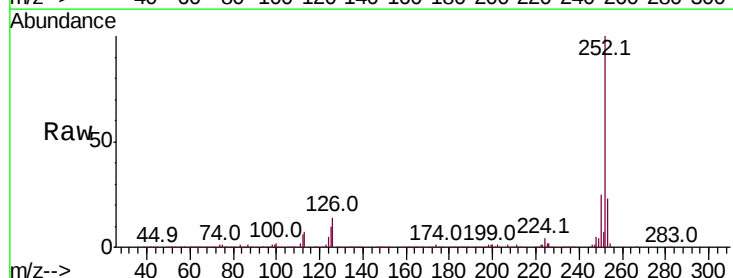
Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Tgt Ion:252 Resp: 1067739

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.1  | 17.8  | 26.8  |
| 125 | 10.3  | 8.3   | 12.5  |



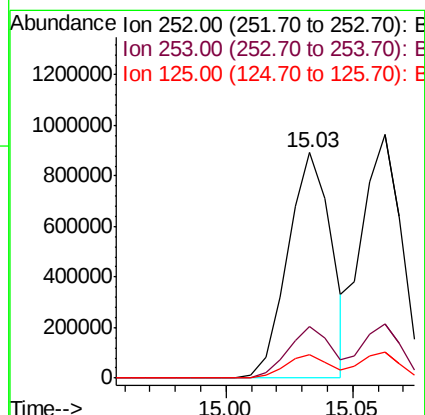
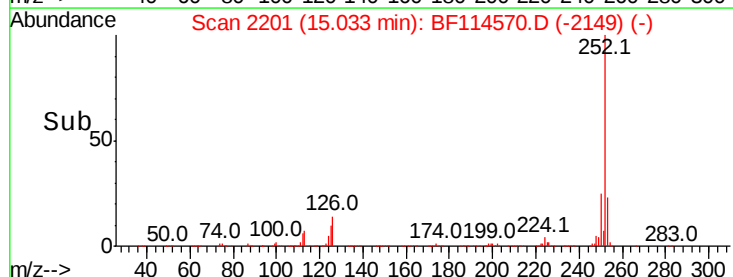
Abundance

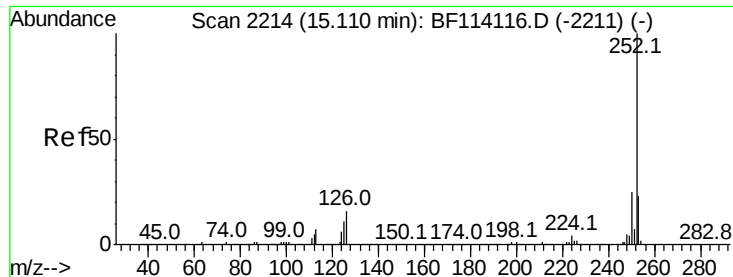
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->

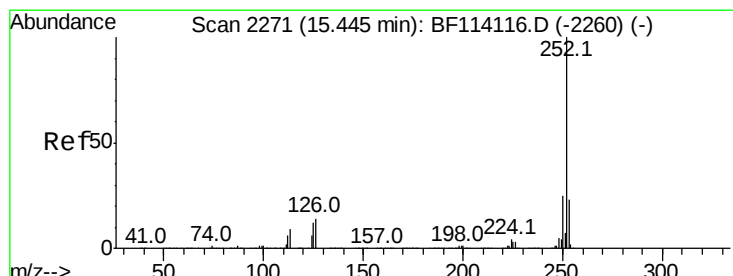
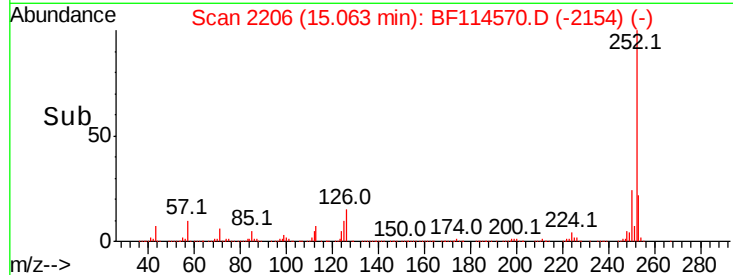
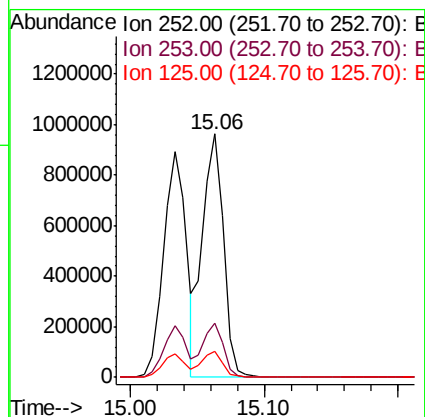
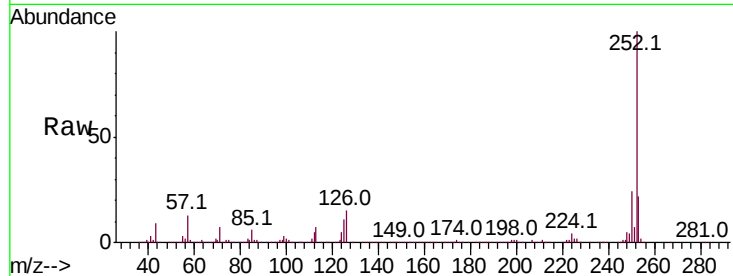




#89  
Benzo(k)fluoranthene  
Concen: 47.090 ng  
RT: 15.06 min Scan# 2206  
Delta R.T. 0.01 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

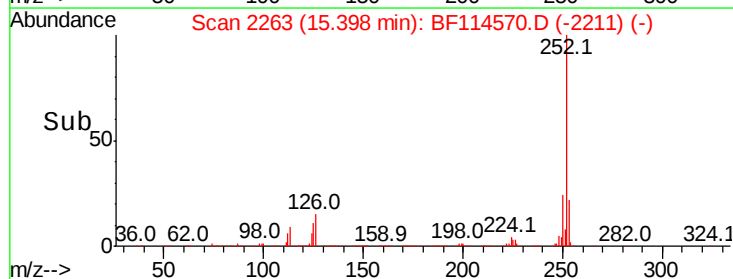
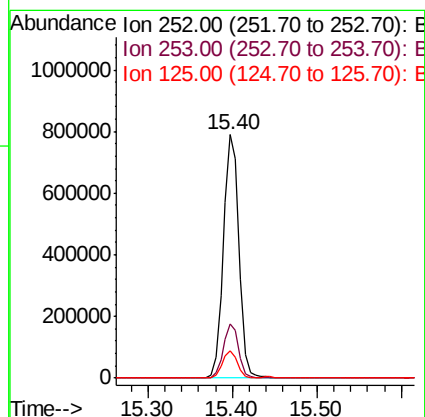
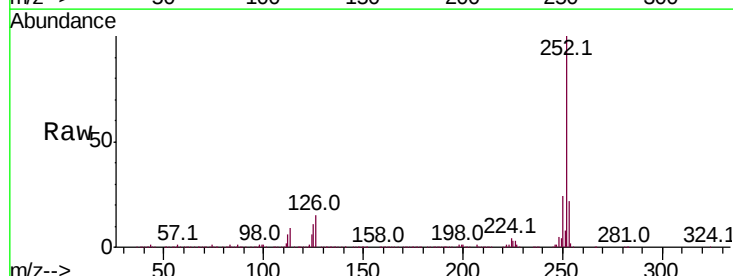
Instrument :  
BNA\_F  
ClientSampleId :  
PB119776BS

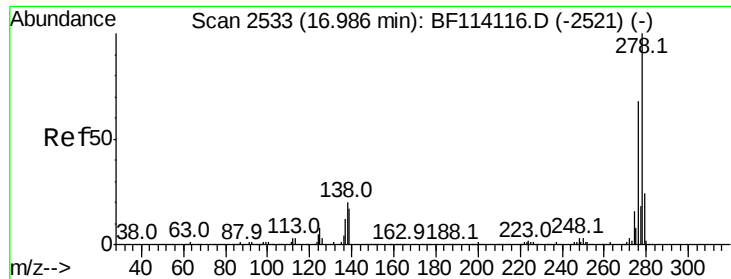
Tot Ion:252 Resp: 1048099  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.2 27.2  
125 10.5 8.6 13.0



#90  
Benzo(a)pyrene  
Concen: 47.532 ng  
RT: 15.40 min Scan# 2263  
Delta R.T. 0.01 min  
Lab File: BF114570.D  
Acq: 24 May 2019 15:23

Tgt Ion:252 Resp: 1013557  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.1 27.1  
125 11.4 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 45.609 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

Instrument :

BNA\_F

ClientSampleId :

PB119776BS

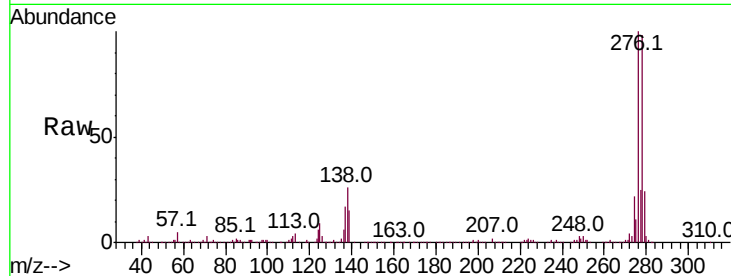
Tot Ion:278 Resp: 808152

Ion Ratio Lower Upper

278 100

139 15.5 13.5 20.3

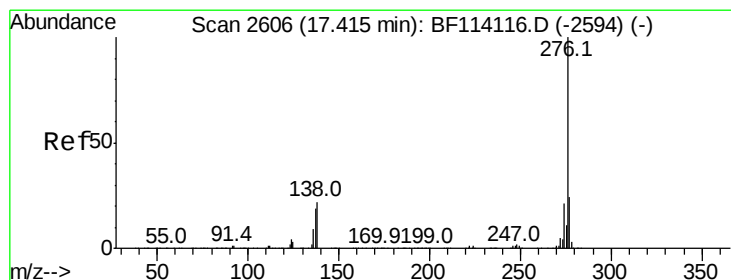
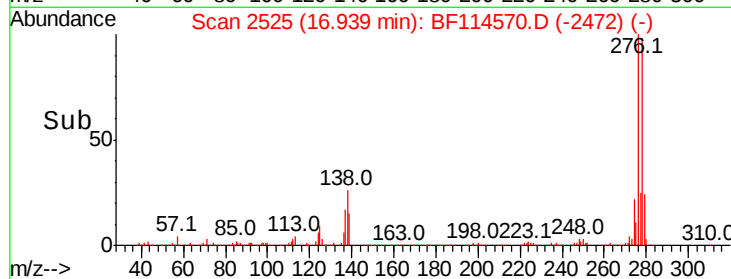
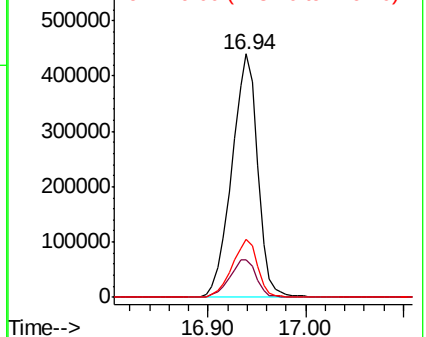
279 24.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.984 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.01 min

Lab File: BF114570.D

Acq: 24 May 2019 15:23

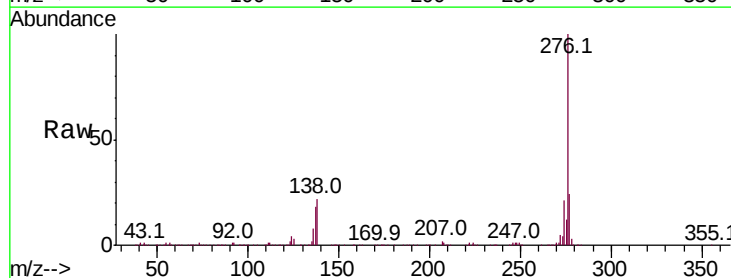
Tgt Ion:276 Resp: 798785

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 21.7 17.8 26.6



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

