

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\  
 Data File : BF119094.D  
 Acq On : 26 Feb 2020 14:55  
 Operator : CG/JU  
 Sample : L1681-02MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Feb 26 16:12:26 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 26 16:03:05 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.75  | 152  | 159665   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.03  | 136  | 610701   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.78  | 164  | 336779   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.26 | 188  | 633858   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.90 | 240  | 406854   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.32 | 264  | 343466   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.37  | 112 | 853318  | 89.31 | ng | 0.00  |
| 7) Phenol-d6             | 6.40  | 99  | 1023749 | 88.11 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.31  | 82  | 677221  | 58.55 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.57 | 330 | 372628  | 84.58 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.10  | 172 | 1292743 | 56.55 | ng | 0.00  |
| 79) Terphenyl-d14        | 12.84 | 244 | 1455021 | 61.57 | ng | -0.01 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.49 | 88  | 158864  | 37.347 | ng | 99     |
| 3) Pyridine                    | 3.23 | 79  | 400645  | 34.487 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.17 | 42  | 163236  | 46.384 | ng | 99     |
| 6) Aniline                     | 6.41 | 93  | 478777  | 33.393 | ng | 97     |
| 8) 2-Chlorophenol              | 6.53 | 128 | 492154  | 47.733 | ng | 100    |
| 9) Benzaldehyde                | 6.29 | 77  | 198379  | 25.554 | ng | 96     |
| 10) Phenol                     | 6.41 | 94  | 572646  | 45.583 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.48 | 93  | 438276  | 45.595 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.69 | 146 | 532603  | 43.098 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.76 | 146 | 538201  | 43.521 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.92 | 146 | 502875  | 44.588 | ng | 99     |
| 15) Benzyl Alcohol             | 6.90 | 79  | 405391  | 48.273 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45  | 353184  | 42.416 | ng | 83     |
| 17) 2-Methylphenol             | 7.02 | 107 | 390993  | 46.773 | ng | 99     |
| 18) Hexachloroethane           | 7.26 | 117 | 193449  | 43.724 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.16 | 70  | 312825  | 46.203 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.17 | 107 | 476729  | 46.549 | ng | 96     |
| 22) Acetophenone               | 7.16 | 105 | 635468  | 44.973 | ng | # 98   |
| 24) Nitrobenzene               | 7.33 | 77  | 494485  | 43.232 | ng | 98     |
| 25) Isophorone                 | 7.57 | 82  | 895281  | 44.570 | ng | 100    |
| 26) 2-Nitrophenol              | 7.65 | 139 | 275654  | 45.485 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.69 | 122 | 408591  | 49.677 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.78 | 93  | 542860  | 41.520 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.89 | 162 | 423627  | 43.751 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.97 | 180 | 473812  | 41.272 | ng | 98     |
| 31) Naphthalene                | 8.05 | 128 | 1372618 | 43.338 | ng | 99     |
| 32) Benzoic acid               | 7.85 | 122 | 267592  | 45.062 | ng | 93     |
| 33) 4-Chloroaniline            | 8.10 | 127 | 198001  | 14.535 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.17 | 225 | 286947  | 40.127 | ng | 98     |
| 35) Caprolactam                | 8.48 | 113 | 76967   | 25.815 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 8.60 | 107 | 446628  | 45.577 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.74 | 142 | 936606  | 43.943 | ng | 100    |
| 38) 1-Methylnaphthalene        | 8.84 | 142 | 880745  | 43.938 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.91 | 216 | 464039  | 40.867 | ng | 99     |

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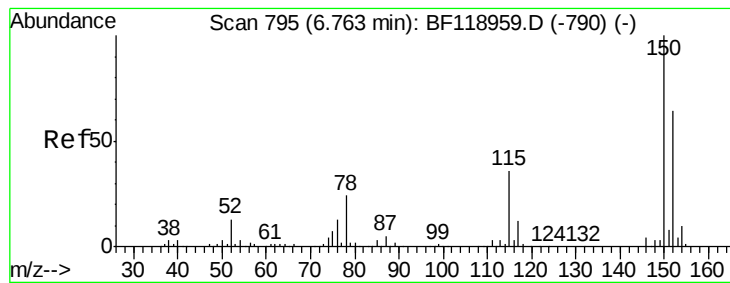
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Feb 26 16:12:26 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 26 16:03:05 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.90  | 237  | 349324   | 83.988 | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.03  | 196  | 303114   | 42.273 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.07  | 196  | 325271   | 43.229 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 9.20  | 154  | 1131470  | 41.570 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.23  | 162  | 895460   | 40.825 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.33  | 65   | 255646   | 41.787 | nq    | 98       |
| 49) Acenaphthylene             | 9.65  | 152  | 1388268  | 43.822 | nq    | 100      |
| 50) Dimethylphthalate          | 9.51  | 163  | 1181519  | 45.879 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.57  | 165  | 254437   | 44.470 | nq    | 98       |
| 52) Acenaphthene               | 9.82  | 154  | 803378   | 42.057 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.74  | 138  | 141031   | 22.234 | nq    | 97       |
| 54) 2,4-Dinitrophenol          | 9.86  | 184  | 212319   | 76.693 | nq    | # 91     |
| 55) Dibenzofuran               | 9.99  | 168  | 1227111  | 43.039 | nq    | 99       |
| 56) 4-Nitrophenol              | 9.92  | 139  | 310868   | 81.571 | nq    | 94       |
| 57) 2,4-Dinitrotoluene         | 9.98  | 165  | 321520   | 43.354 | nq    | 94       |
| 58) Fluorene                   | 10.33 | 166  | 970174   | 43.790 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.11 | 232  | 273570   | 43.088 | nq    | 99       |
| 60) Diethylphthalate           | 10.20 | 149  | 1077167  | 44.385 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.32 | 204  | 509362   | 43.434 | nq    | 94       |
| 62) 4-Nitroaniline             | 10.36 | 138  | 249452   | 38.439 | nq    | 95       |
| 63) Azobenzene                 | 10.48 | 77   | 944037   | 44.752 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.39 | 198  | 182168   | 47.495 | nq    | 99       |
| 66) n-Nitrosodiphenylamine     | 10.44 | 169  | 890689   | 42.915 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.81 | 248  | 342455   | 41.333 | nq    | 93       |
| 68) Hexachlorobenzene          | 10.88 | 284  | 386558   | 40.466 | nq    | 97       |
| 69) Atrazine                   | 10.97 | 200  | 314084   | 43.313 | nq    | 98       |
| 70) Pentachlorophenol          | 11.08 | 266  | 322035   | 83.689 | nq    | 99       |
| 71) Phenanthrene               | 11.29 | 178  | 1438551  | 41.616 | nq    | 98       |
| 72) Anthracene                 | 11.34 | 178  | 1506636  | 43.622 | nq    | 99       |
| 73) Carbazole                  | 11.50 | 167  | 1281630  | 41.652 | nq    | 98       |
| 74) Di-n-butylphthalate        | 11.83 | 149  | 1634757  | 43.871 | nq    | 98       |
| 75) Fluoranthene               | 12.47 | 202  | 1503971  | 40.989 | nq    | 99       |
| 77) Benzidine                  | 12.59 | 184  | 666876   | 40.303 | nq    | 99       |
| 78) Pyrene                     | 12.70 | 202  | 1483756  | 45.417 | nq    | 100      |
| 80) Butylbenzylphthalate       | 13.32 | 149  | 634095   | 46.117 | nq    | 97       |
| 81) Benzo(a)anthracene         | 13.89 | 228  | 1140462  | 41.140 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.84 | 252  | 277137   | 25.746 | nq    | 99       |
| 83) Chrysene                   | 13.93 | 228  | 1106777  | 40.068 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.88 | 149  | 839680   | 48.338 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.49 | 149  | 1258627  | 45.475 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.73 | 276  | 1140397  | 42.638 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 14.92 | 252  | 945450   | 41.761 | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 14.94 | 252  | 976127   | 46.526 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.26 | 252  | 859869   | 42.083 | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.73 | 278  | 950512   | 52.870 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.14 | 276  | 1001910  | 56.403 | nq    | 99       |

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

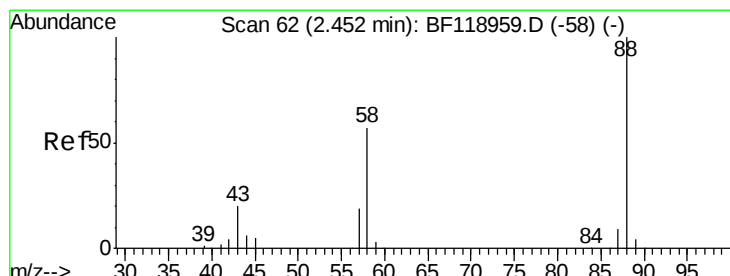
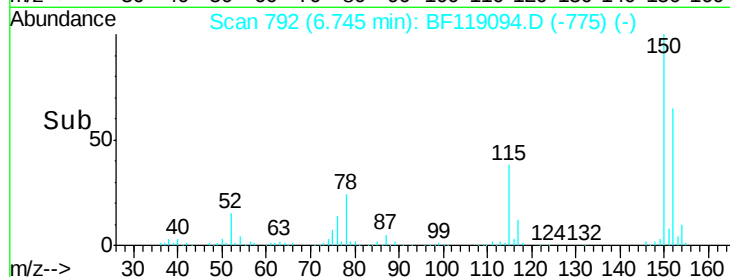
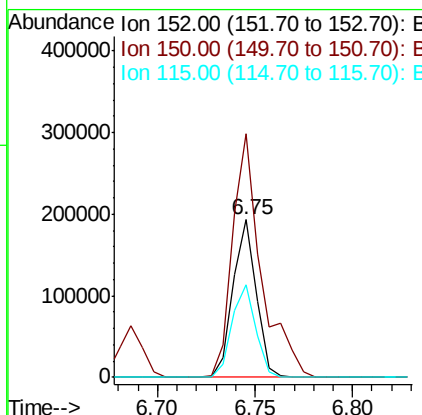
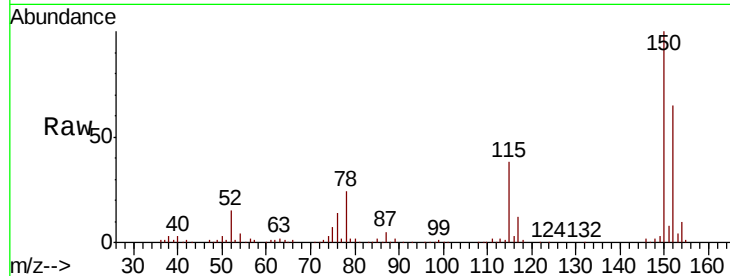




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.75 min Scan# 792  
 Delta R.T. -0.00 min  
 Lab File: BF119094.D  
 Acq: 26 Feb 2020 14:55

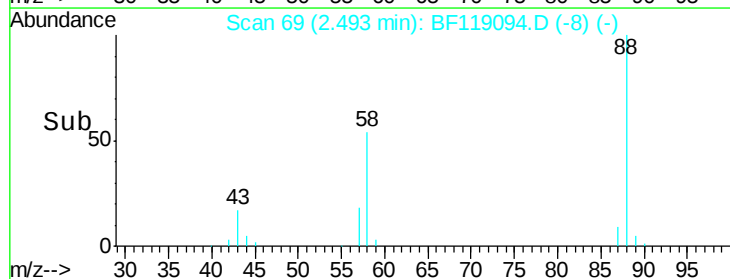
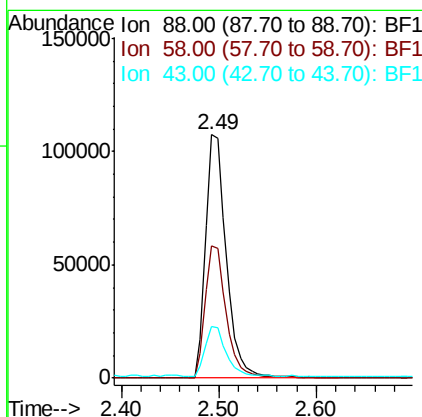
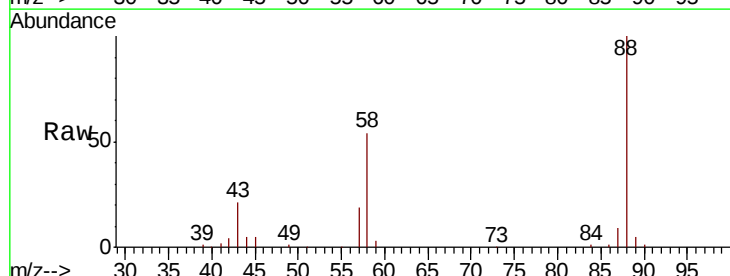
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:152 Resp: 159665  
 Ion Ratio Lower Upper  
 152 100  
 150 154.6 123.0 184.6  
 115 58.6 49.5 74.3



#2  
 1,4-Dioxane  
 Concen: 37.347 ng  
 RT: 2.49 min Scan# 69  
 Delta R.T. 0.06 min  
 Lab File: BF119094.D  
 Acq: 26 Feb 2020 14:55

Tgt Ion: 88 Resp: 158864  
 Ion Ratio Lower Upper  
 88 100  
 58 55.6 43.8 65.6  
 43 20.5 16.2 24.4

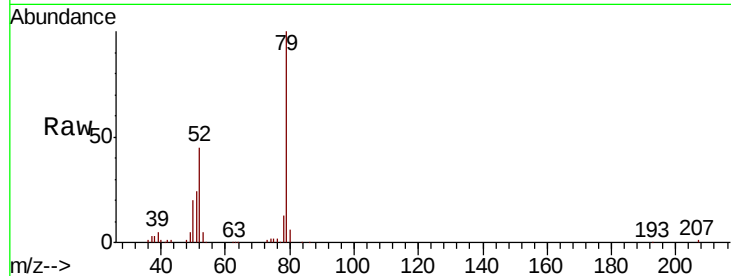




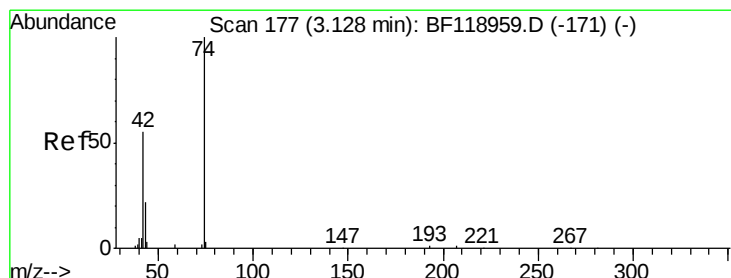
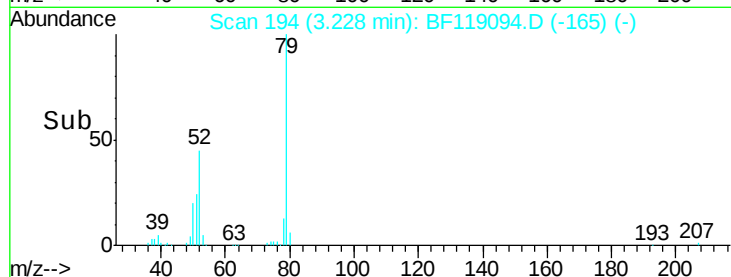
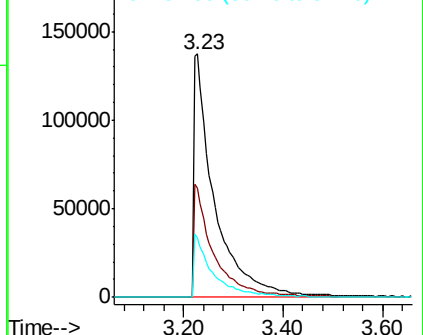
#3  
 Pvridine  
 Concen: 34.487 ng  
 RT: 3.23 min Scan# 194  
 Delta R.T. 0.07 min  
 Lab File: BF119094.D  
 Acq: 26 Feb 2020 14:55

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 45.1  | 37.4  | 56.0  |
| 51      | 24.2  | 19.8  | 29.6  |

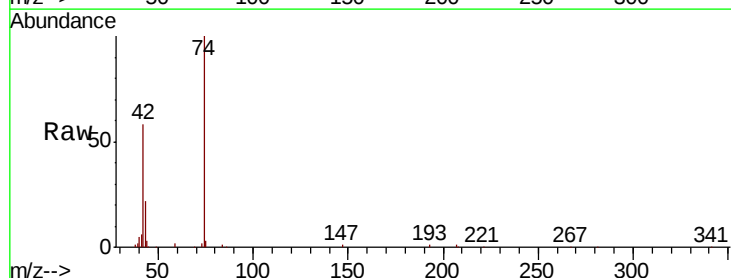


Abundance Ion 79.00 (78.70 to 79.70): BF1  
 Ion 52.00 (51.70 to 52.70): BF1  
 Ion 51.00 (50.70 to 51.70): BF1

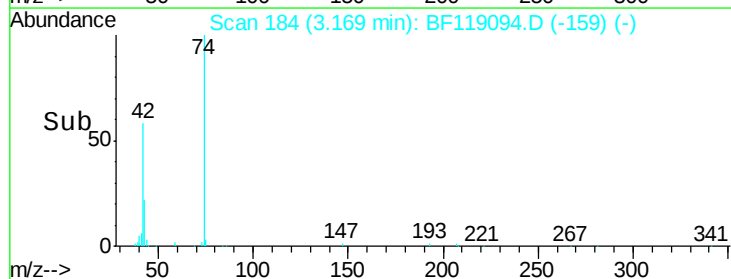
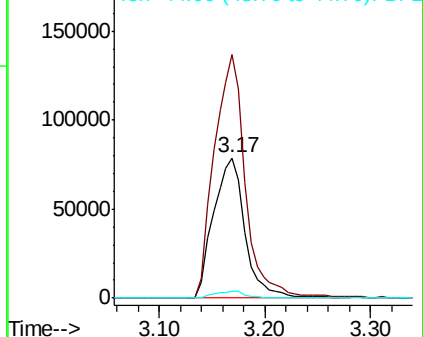


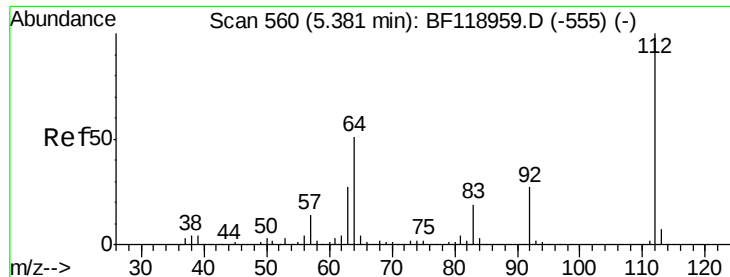
#4  
 n-Nitrosodimethylamine  
 Concen: 46.384 ng  
 RT: 3.17 min Scan# 184  
 Delta R.T. 0.05 min  
 Lab File: BF119094.D  
 Acq: 26 Feb 2020 14:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 173.3 | 137.7 | 206.5 |
| 44      | 5.3   | 4.5   | 6.7   |



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: 89.315 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampleId :

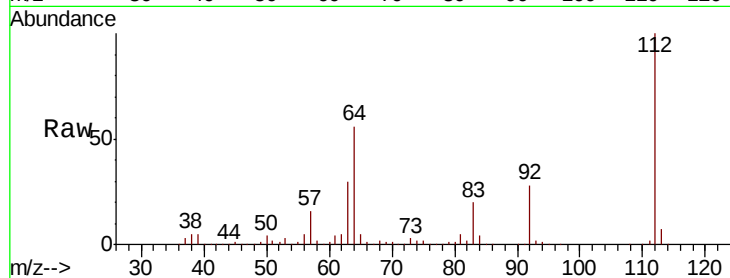
Tot Ion:112 Resp: 853318

Ion Ratio Lower Upper

112 100

64 55.8 45.0 67.4

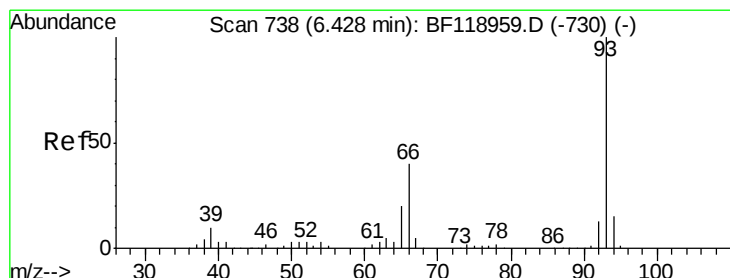
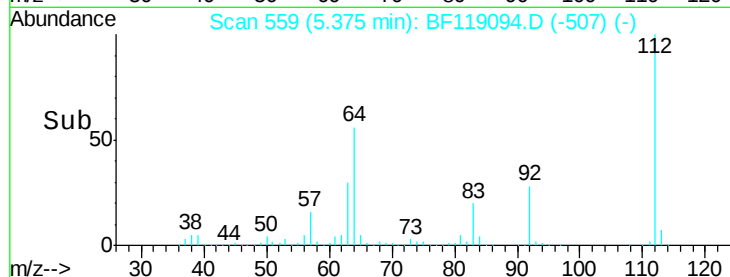
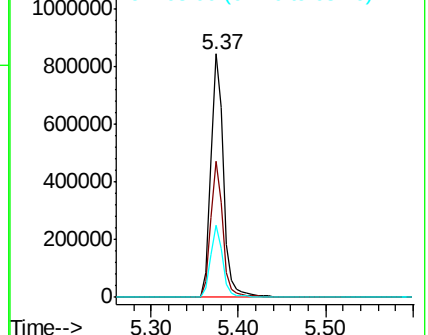
63 29.6 24.2 36.4



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: 33.393 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

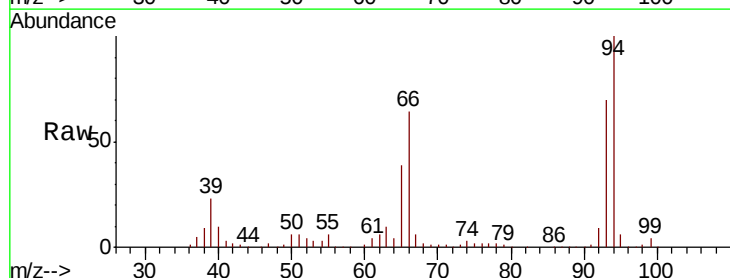
Tgt Ion: 93 Resp: 478777

Ion Ratio Lower Upper

93 100

66 90.4 74.5 111.7

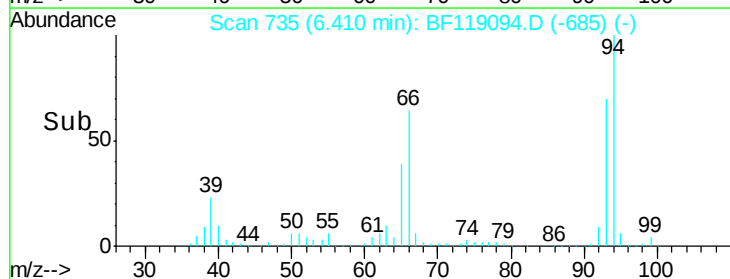
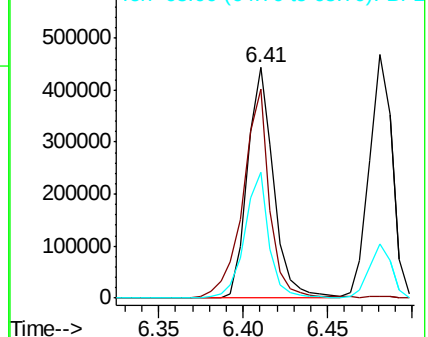
65 54.8 45.3 67.9



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: 88.106 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

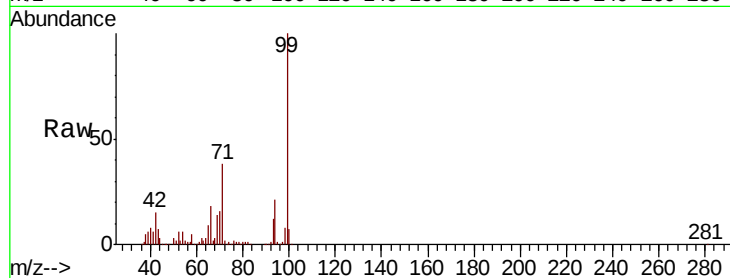
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 99 Resp: 1023749

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.7  | 12.6  | 18.8  |
| 71  | 37.8  | 31.0  | 46.4  |

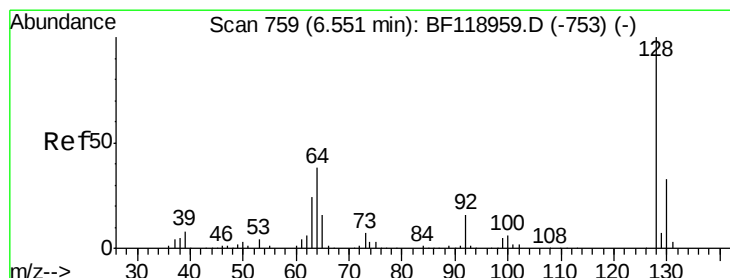
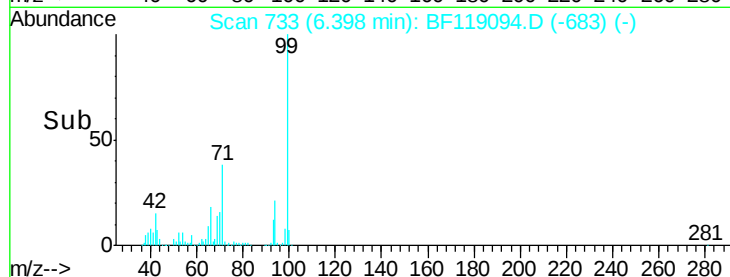
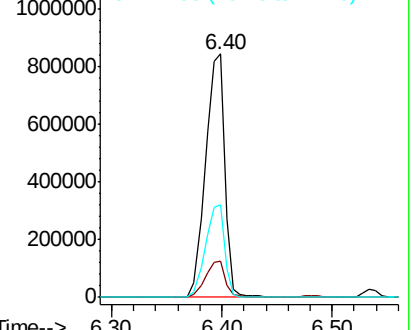


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.733 ng

RT: 6.53 min Scan# 756

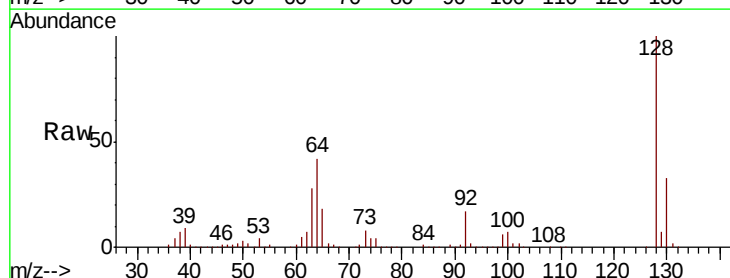
Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Tgt Ion: 128 Resp: 492154

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.6  | 12.7  | 52.7  |
| 64  | 42.1  | 22.3  | 62.3  |

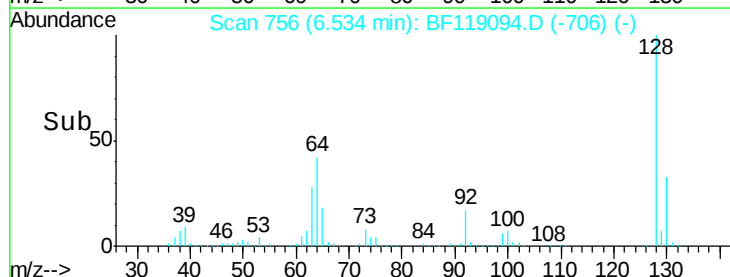
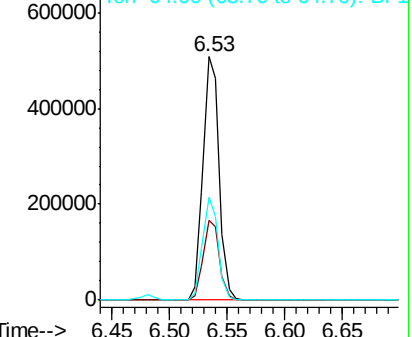


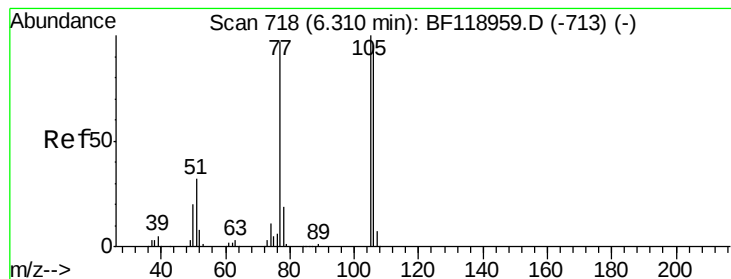
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.554 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampleId :

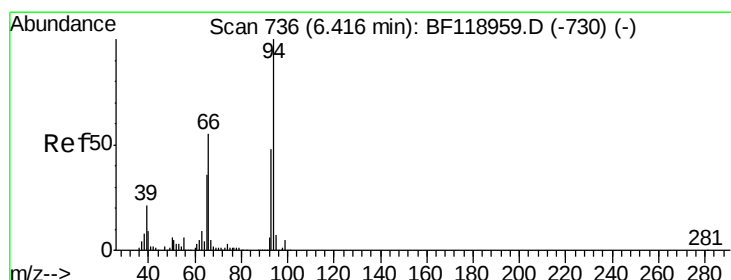
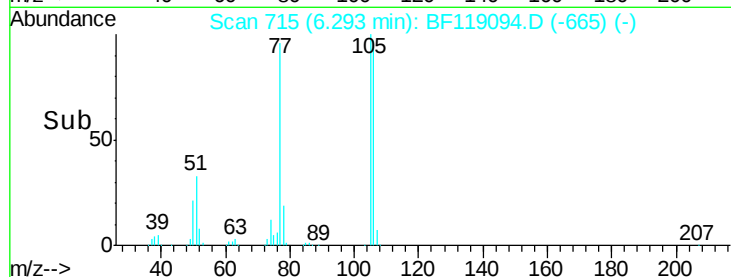
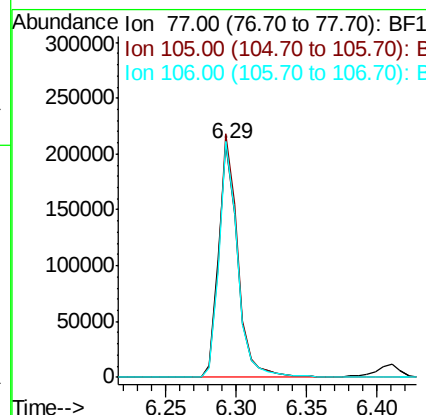
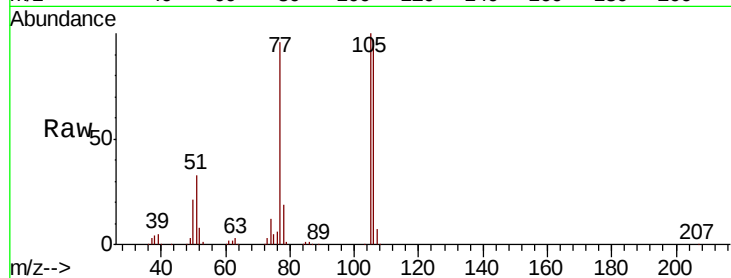
Tot Ion: 77 Resp: 198379

Ion Ratio Lower Upper

77 100

105 104.1 80.1 120.1

106 100.6 75.9 115.9



#10

Phenol

Concen: 45.583 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

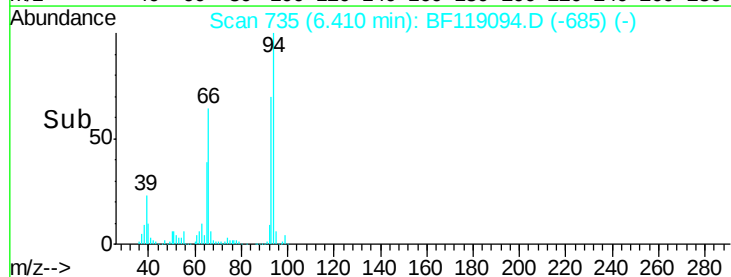
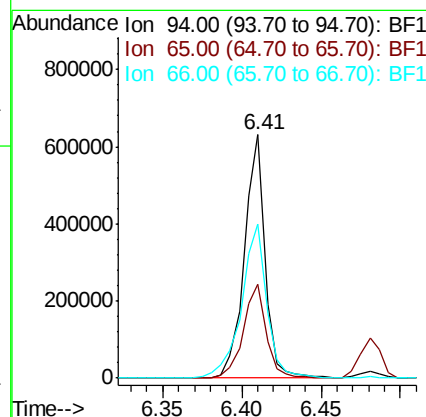
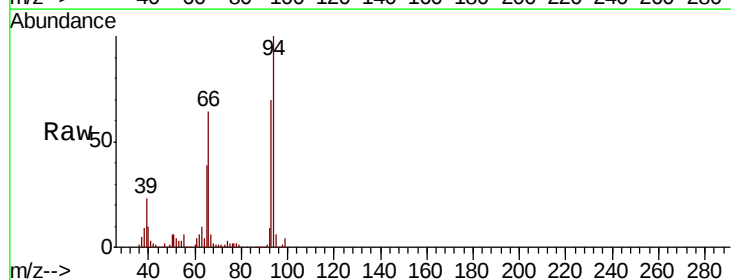
Tgt Ion: 94 Resp: 572646

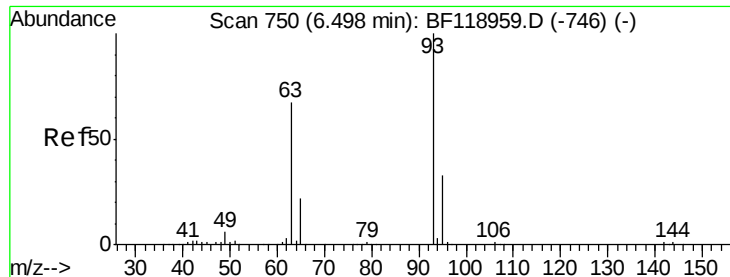
Ion Ratio Lower Upper

94 100

65 38.5 19.2 59.2

66 63.5 44.4 84.4





#11

bis(2-Chloroethyl)ether

Concen: 45.595 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampleId :

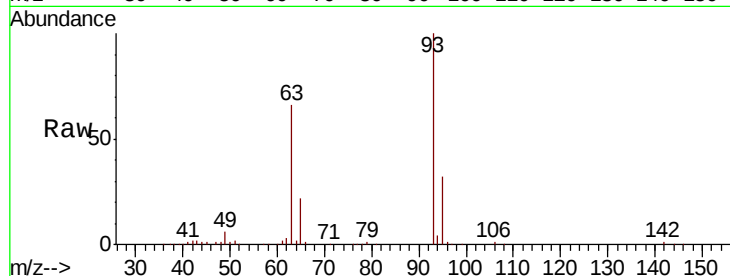
Tot Ion: 93 Resp: 438276

Ion Ratio Lower Upper

93 100

63 66.2 45.4 85.4

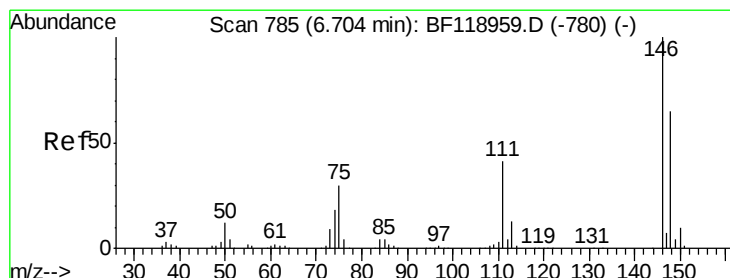
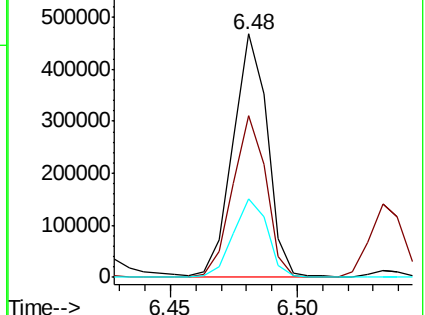
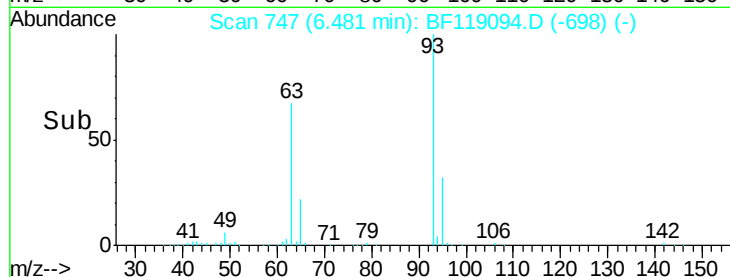
95 32.2 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 43.098 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

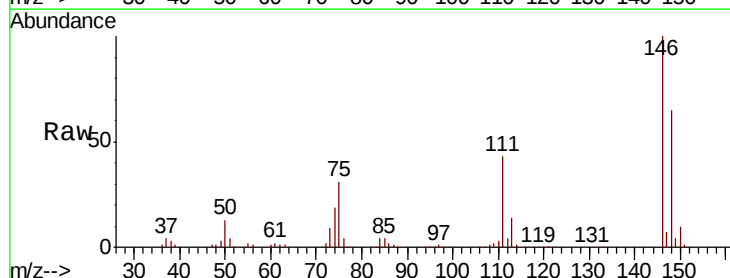
Tgt Ion: 146 Resp: 532603

Ion Ratio Lower Upper

146 100

148 64.5 52.5 78.7

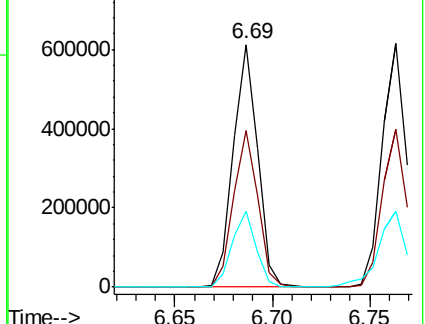
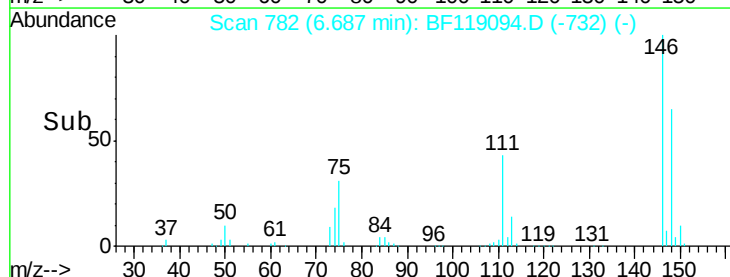
75 31.4 23.6 35.4

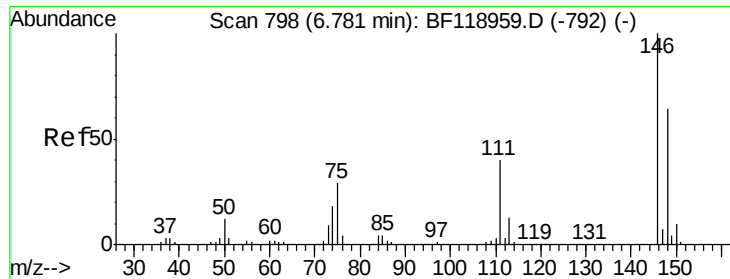


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

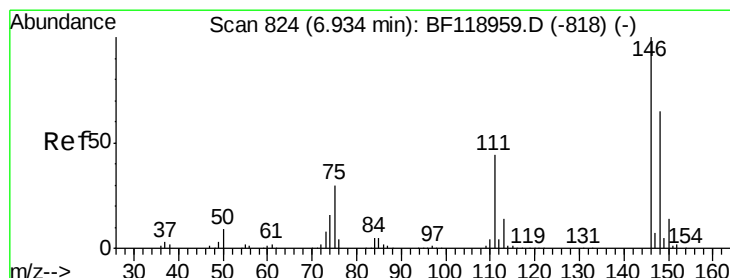
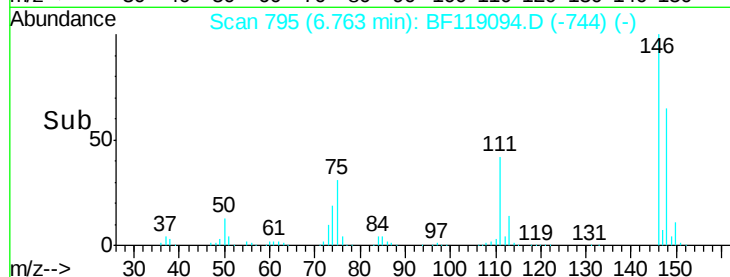
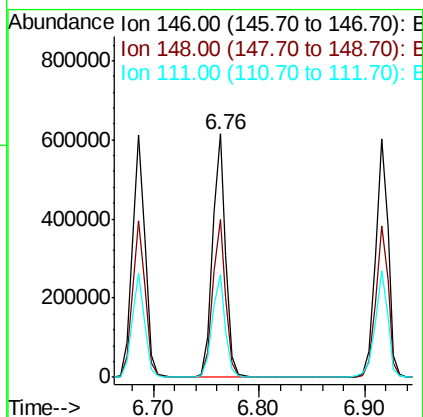
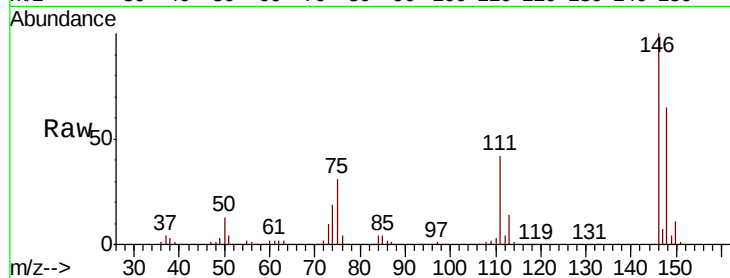




#13  
 1,4-Dichlorobenzene  
 Concen: 43.521 ng  
 RT: 6.76 min Scan# 795  
 Delta R.T. -0.00 min  
 Lab File: BF119094.D  
 Acq: 26 Feb 2020 14:55

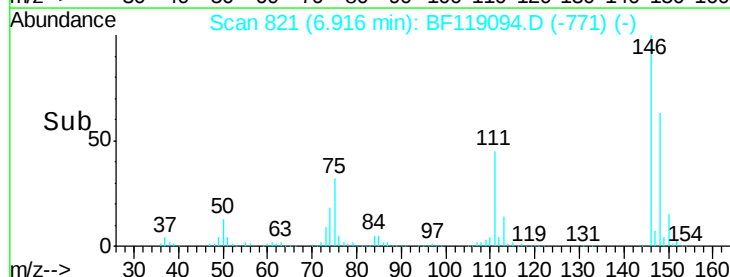
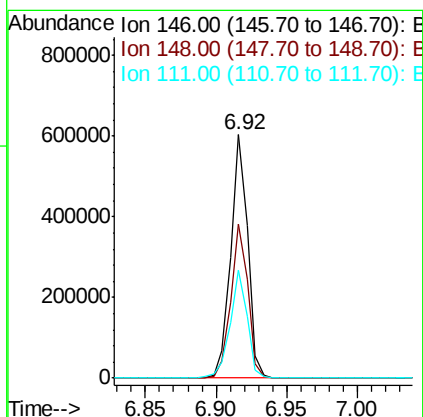
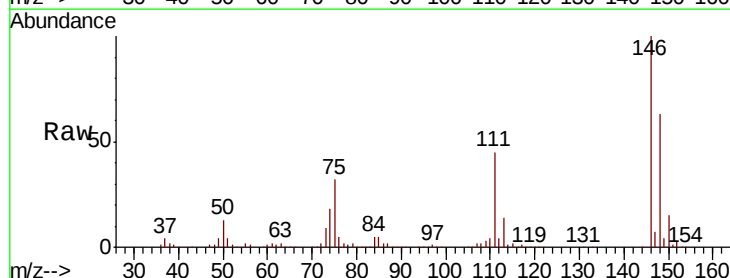
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:146 Resp: 538201  
 Ion Ratio Lower Upper  
 146 100  
 148 64.6 51.1 76.7  
 111 42.1 34.8 52.2



#14  
 1,2-Dichlorobenzene  
 Concen: 44.588 ng  
 RT: 6.92 min Scan# 821  
 Delta R.T. -0.01 min  
 Lab File: BF119094.D  
 Acq: 26 Feb 2020 14:55

Tgt Ion:146 Resp: 502875  
 Ion Ratio Lower Upper  
 146 100  
 148 63.5 51.9 77.9  
 111 44.5 36.2 54.2





#15

Benzyl Alcohol

Concen: 48.273 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampled :

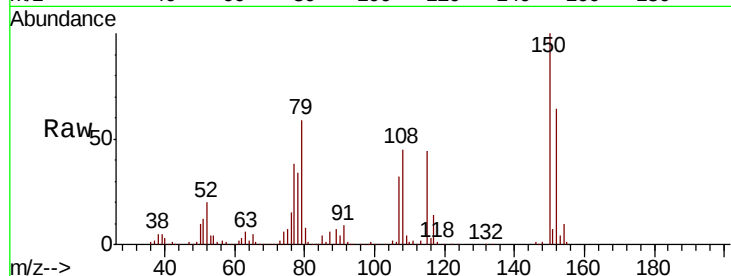
Tot Ion: 79 Resp: 405391

Ion Ratio Lower Upper

79 100

108 76.8 58.2 87.2

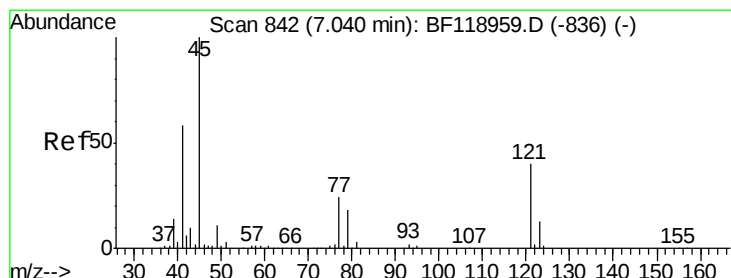
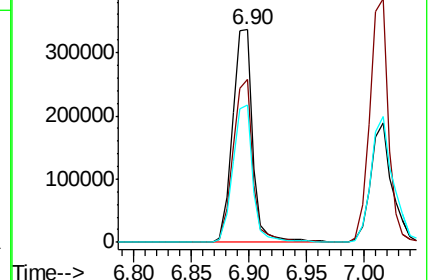
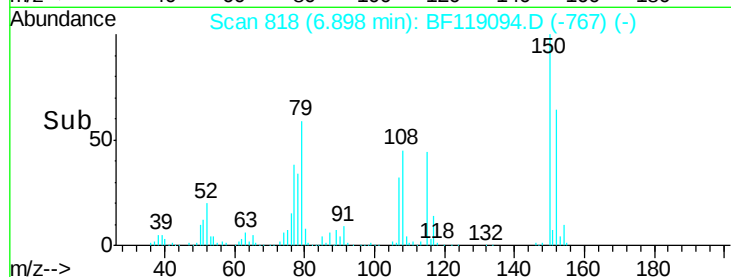
77 64.5 51.2 76.8



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: 42.416 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

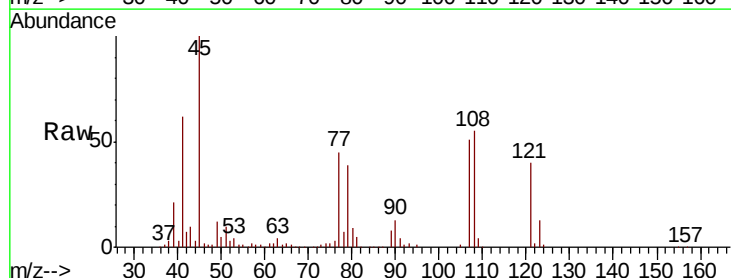
Tgt Ion: 45 Resp: 353184

Ion Ratio Lower Upper

45 100

77 45.0 15.0 55.0

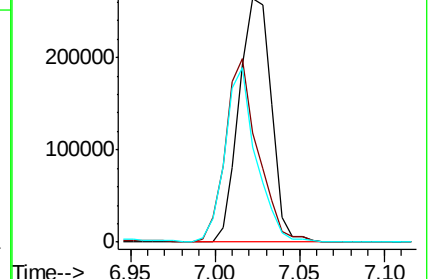
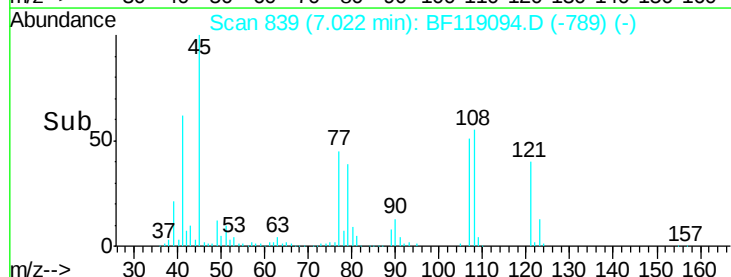
79 38.9 9.4 49.4

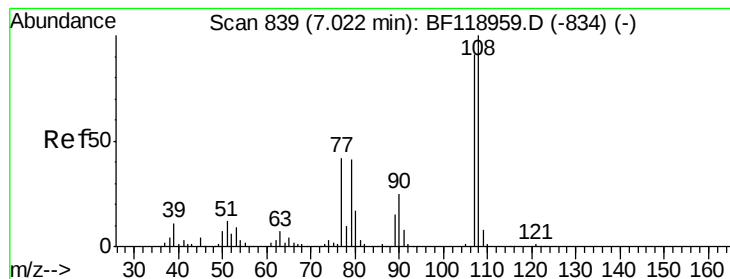


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 46.773 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampled :

Tot Ion:107 Resp: 390993

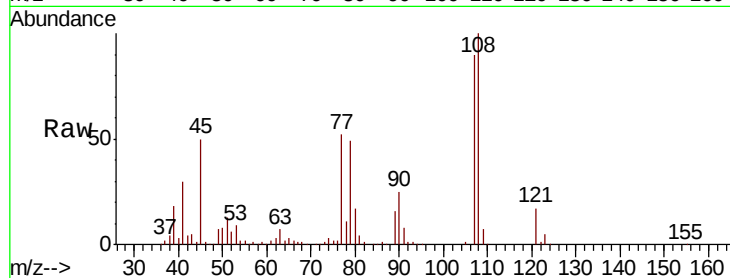
Ion Ratio Lower Upper

107 100

108 111.2 87.9 131.9

77 57.6 45.3 67.9

79 54.6 43.0 64.4

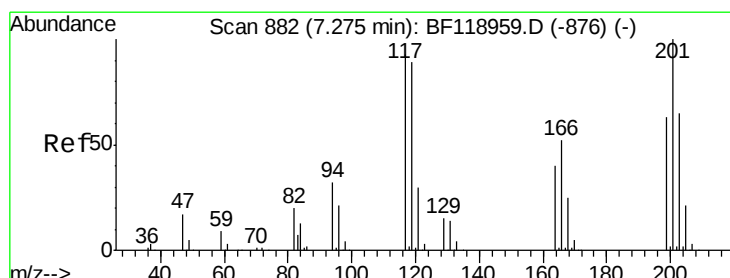
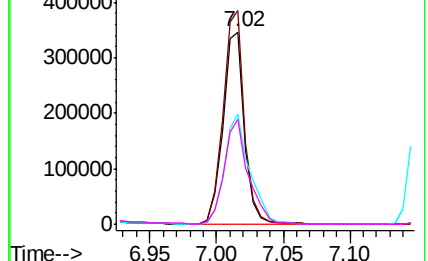
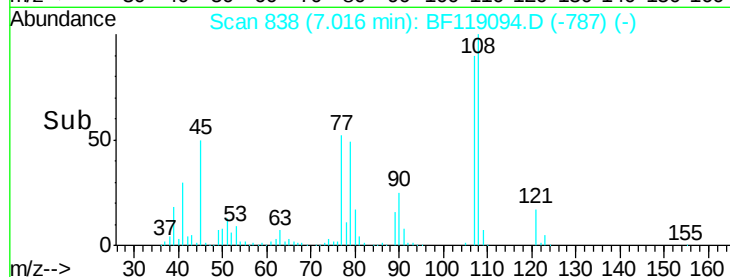


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 43.724 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

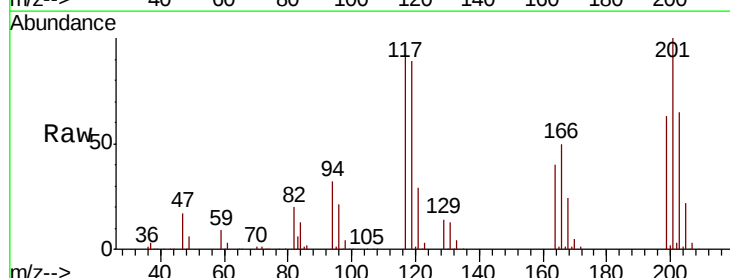
Tgt Ion:117 Resp: 193449

Ion Ratio Lower Upper

117 100

119 96.6 77.5 116.3

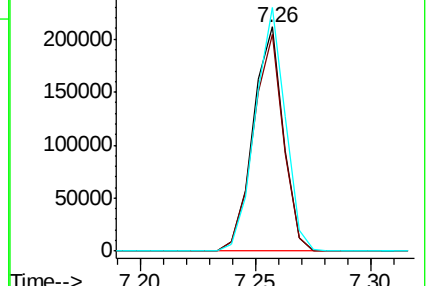
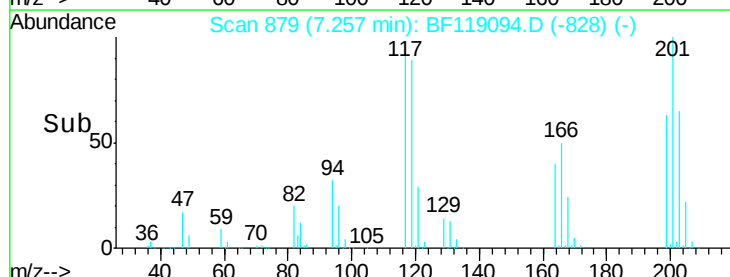
201 108.7 82.6 123.8

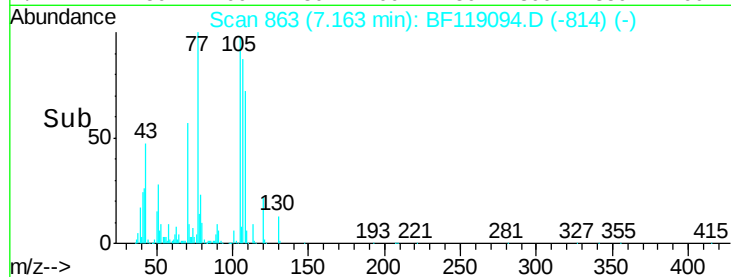
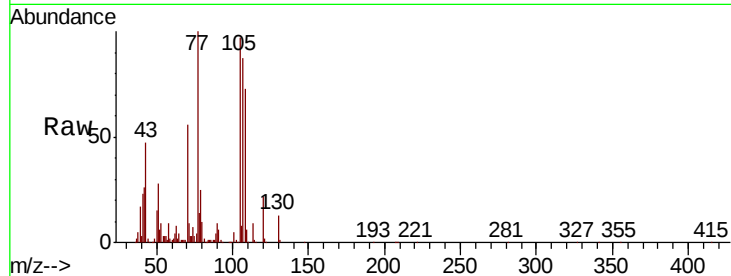
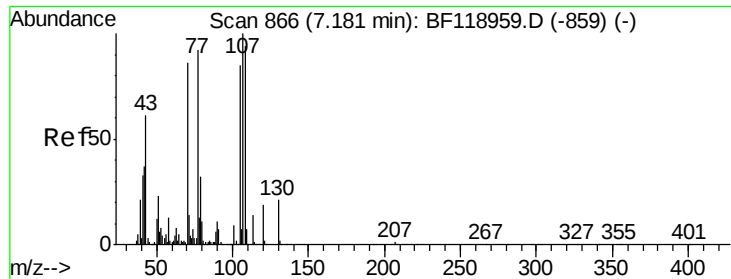


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

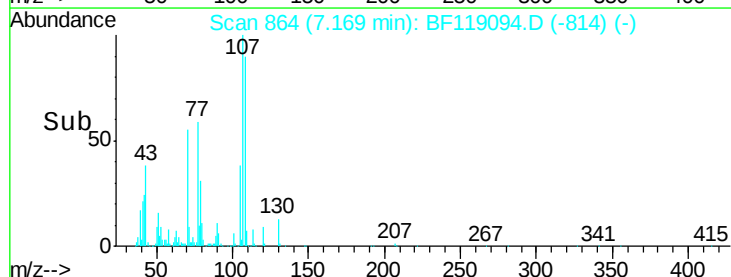
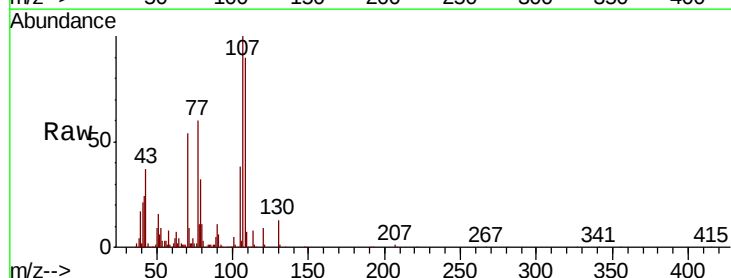
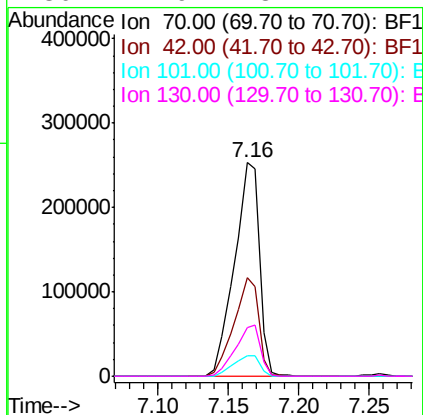




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.203 ng  
RT: 7.16 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

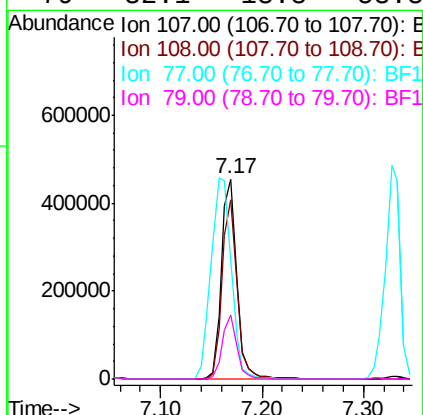
Instrument :  
BNA\_F  
ClientSampleId :

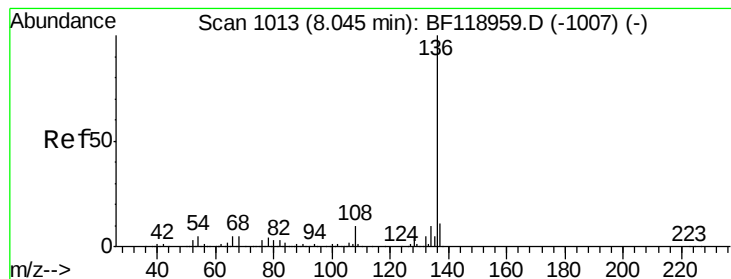
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 312825 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 46.0  | 38.0  | 57.0   |
| 101      | 9.7   | 8.2   | 12.4   |
| 130      | 22.9  | 18.2  | 27.4   |



#20  
3+4-Methylphenols  
Concen: 46.549 ng  
RT: 7.17 min Scan# 864  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 476729 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.0  | 71.5  | 111.5  |
| 77       | 59.9  | 45.9  | 85.9   |
| 79       | 32.1  | 13.8  | 53.8   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 610701

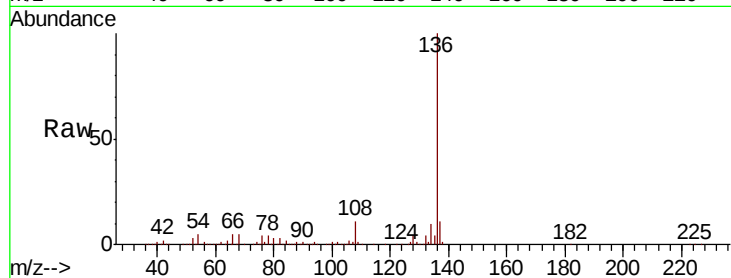
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.0 3.8 5.6

68 5.1 3.9 5.9

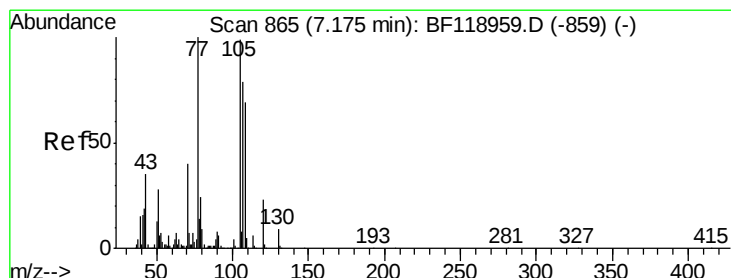
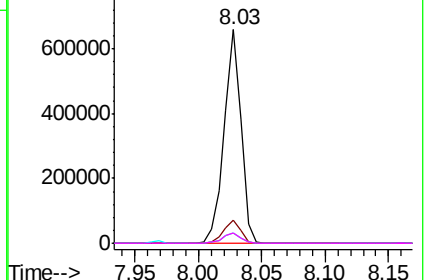
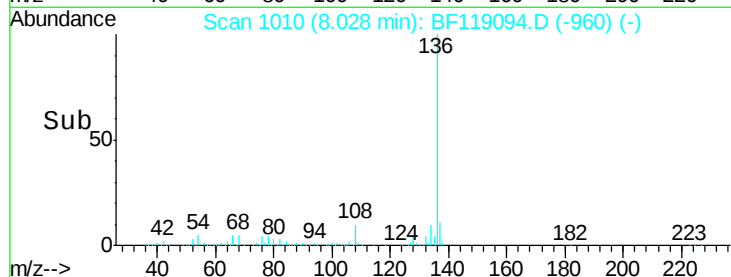


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.973 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Tgt Ion:105 Resp: 635468

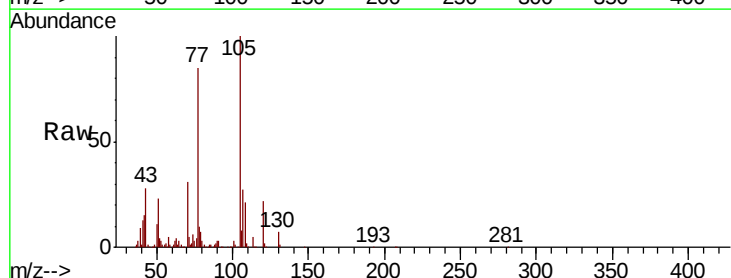
Ion Ratio Lower Upper

105 100

71 5.1 3.0 4.4#

51 23.3 20.1 30.1

120 22.3 18.0 27.0

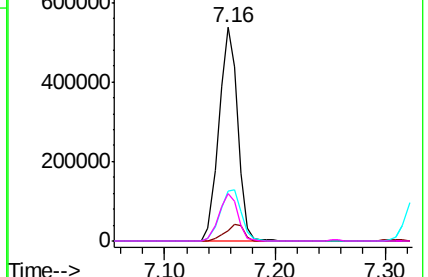
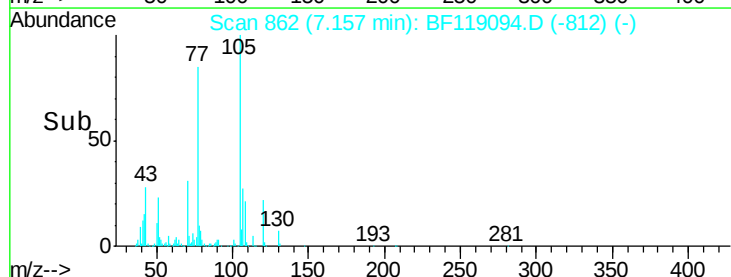


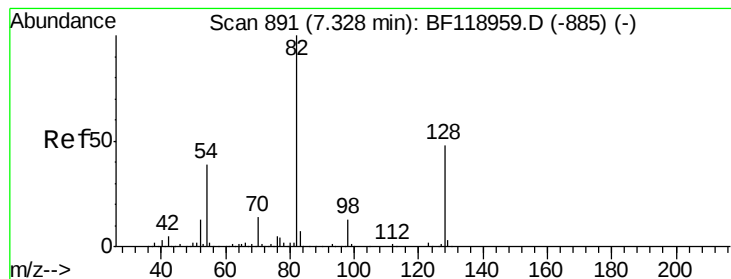
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 58.551 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampleId :

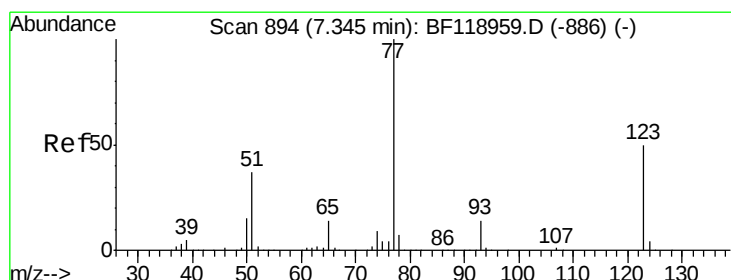
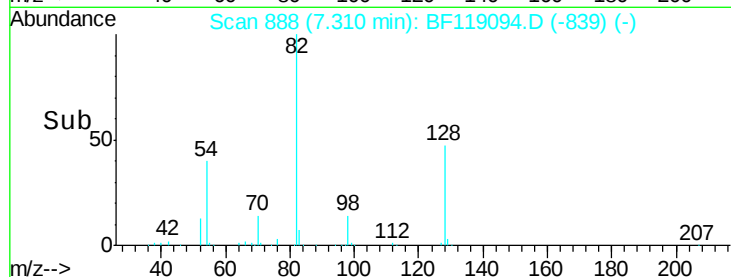
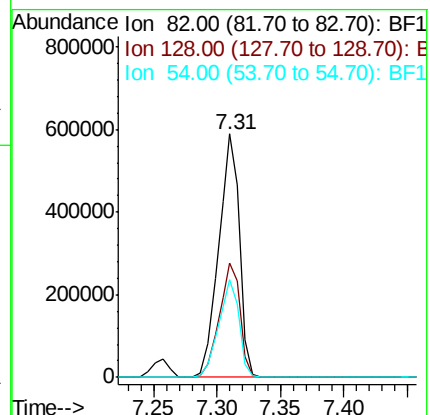
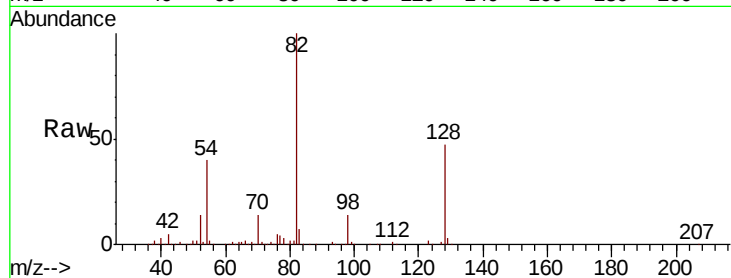
Tot Ion: 82 Resp: 677221

Ion Ratio Lower Upper

82 100

128 46.7 37.9 56.9

54 40.0 33.4 50.2



#24

Nitrobenzene

Concen: 43.232 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

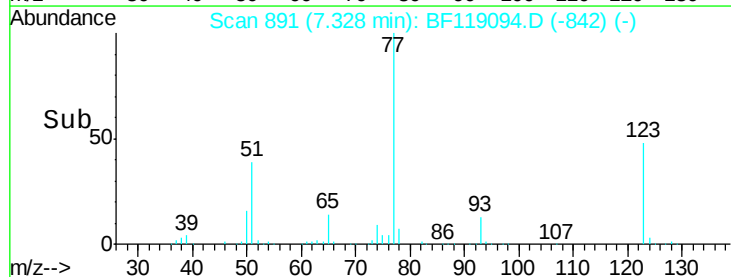
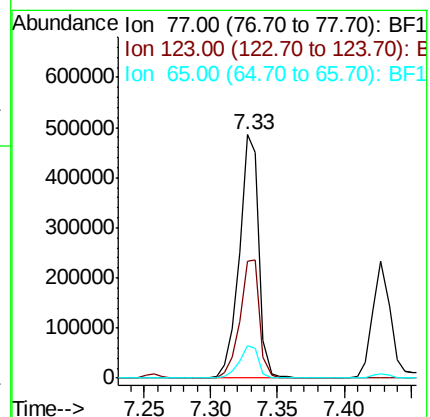
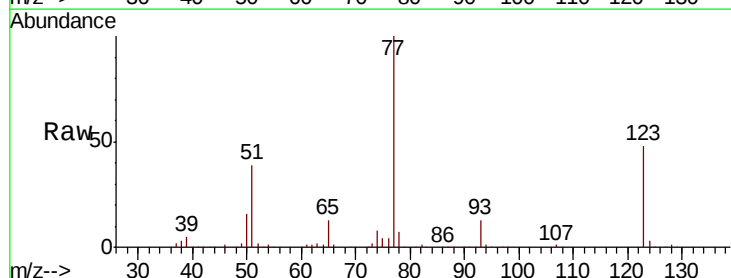
Tgt Ion: 77 Resp: 494485

Ion Ratio Lower Upper

77 100

123 48.1 40.2 60.2

65 13.5 10.8 16.2





#25

Isophorone

Concen: 44.570 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampled :

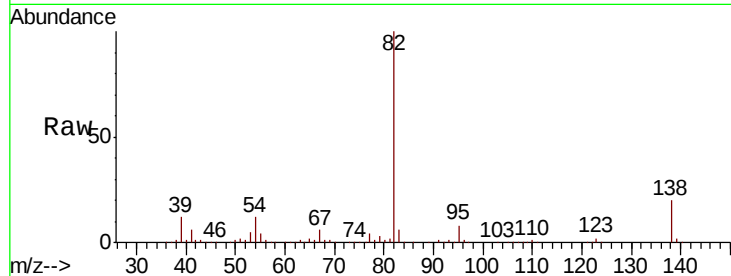
Tot Ion: 82 Resp: 895281

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

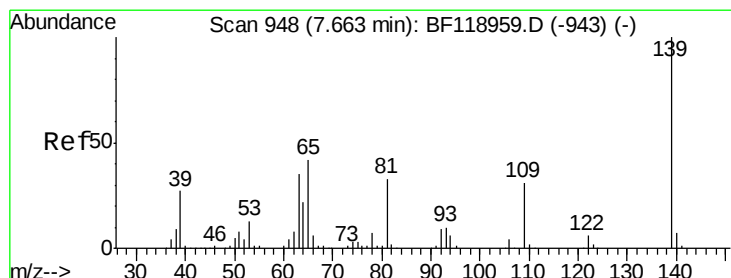
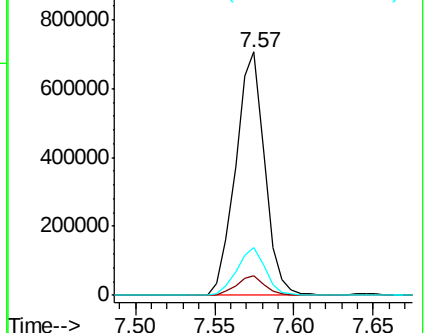
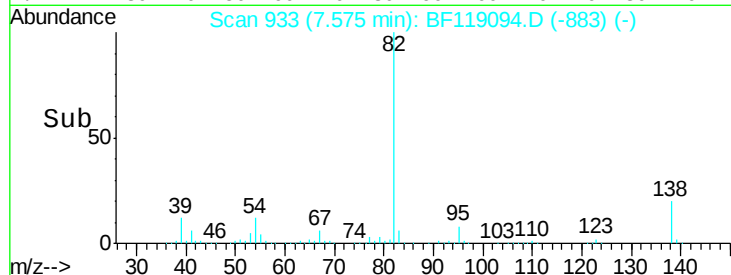
138 19.8 15.7 23.5



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: 45.485 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

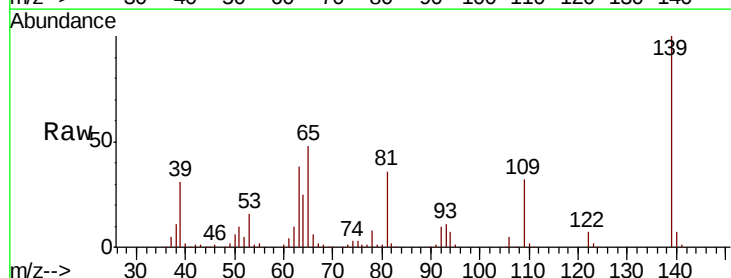
Tgt Ion: 139 Resp: 275654

Ion Ratio Lower Upper

139 100

109 31.9 25.7 38.5

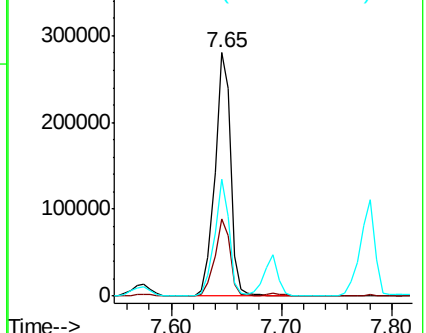
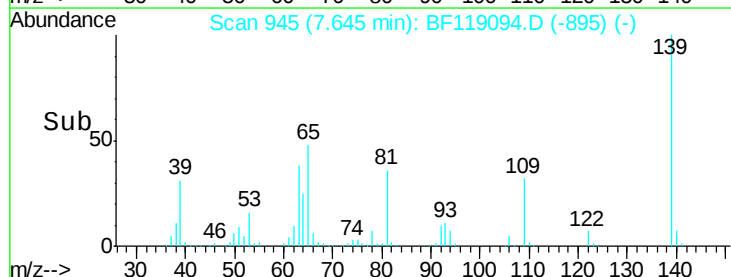
65 47.8 37.1 55.7

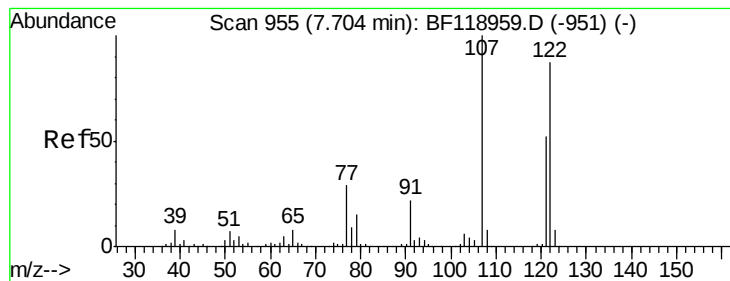


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.677 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampleId :

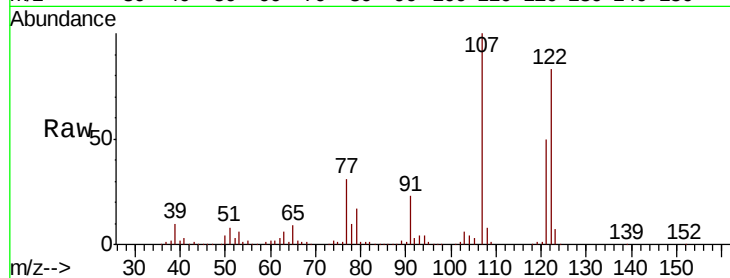
Tot Ion:122 Resp: 408591

Ion Ratio Lower Upper

122 100

107 120.3 93.8 140.6

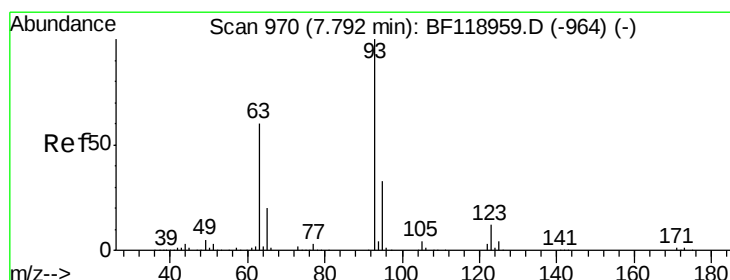
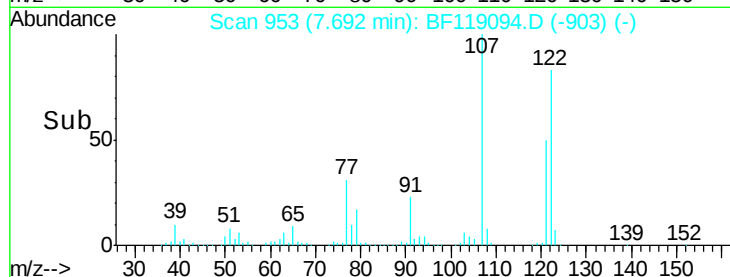
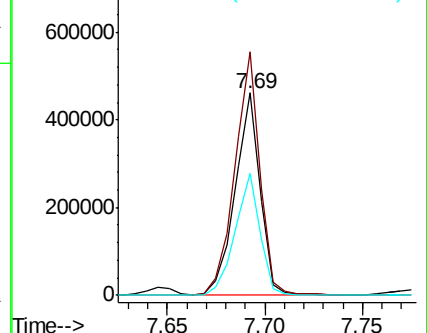
121 60.5 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.520 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

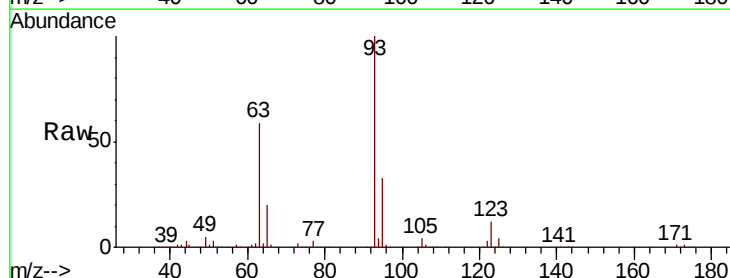
Tgt Ion: 93 Resp: 542860

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

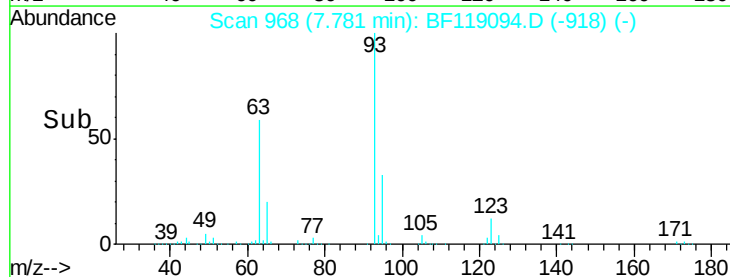
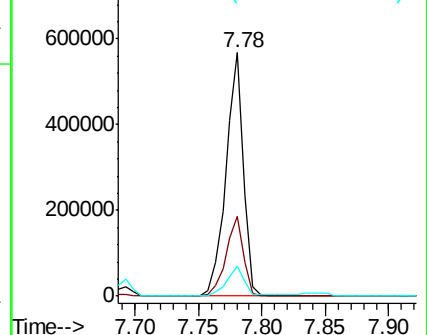
123 12.3 10.2 15.2

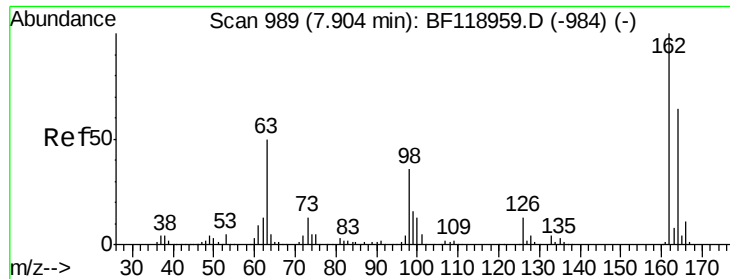


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

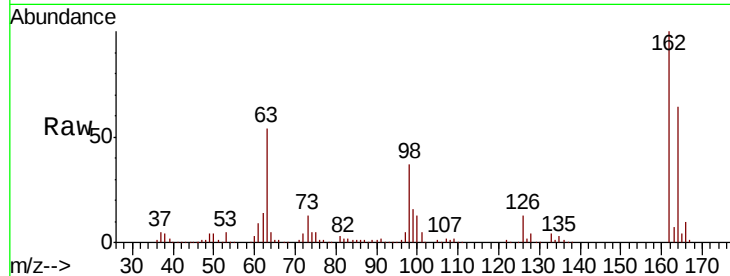




#29  
2,4-Dichlorophenol  
Concen: 43.751 ng  
RT: 7.89 min Scan# 987  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.6  | 45.2  | 85.2  |
| 98      | 37.2  | 17.4  | 57.4  |

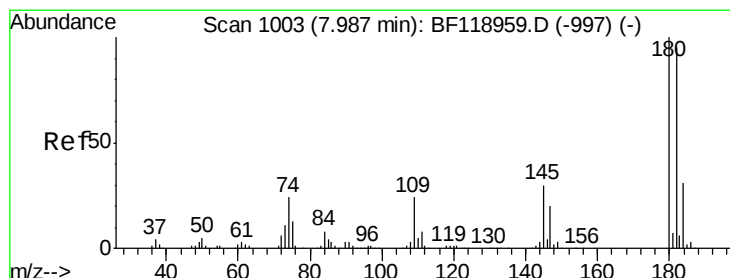
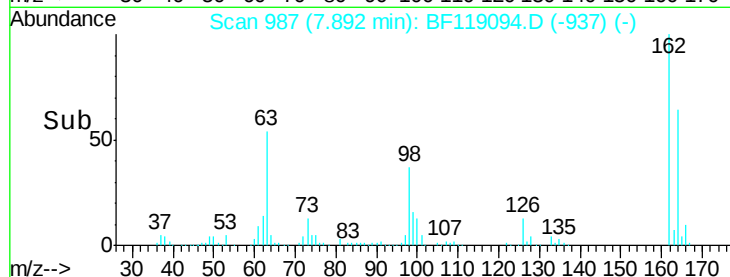
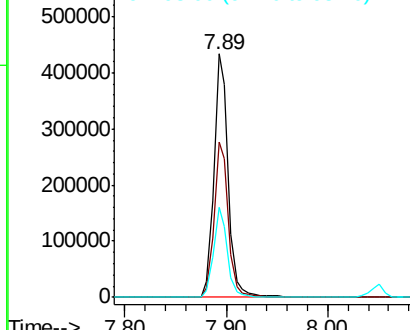


Abundance

Ion 162.00 (161.70 to 162.70): E

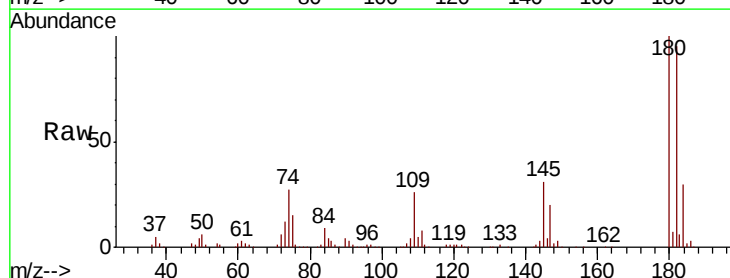
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 41.272 ng  
RT: 7.97 min Scan# 1000  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 77.8  | 116.6 |
| 145     | 31.2  | 25.2  | 37.8  |

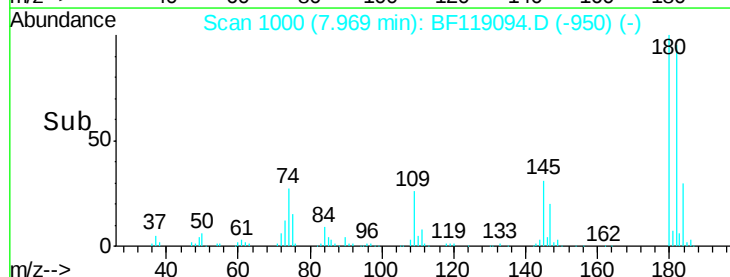
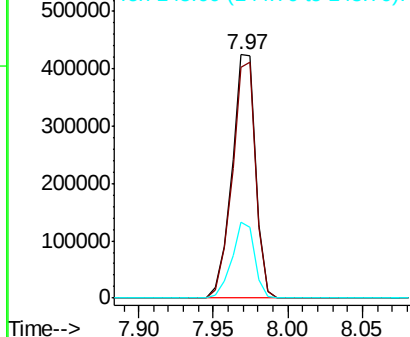


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.338 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampleId :

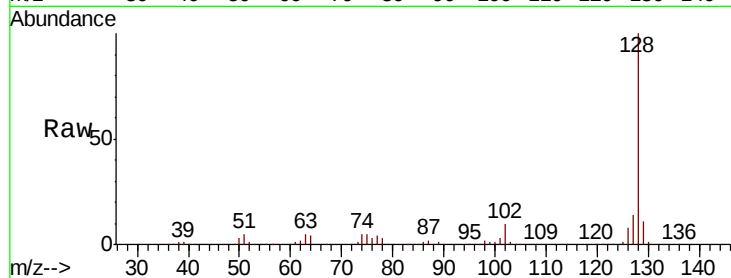
Tot Ion:128 Resp: 1372618

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

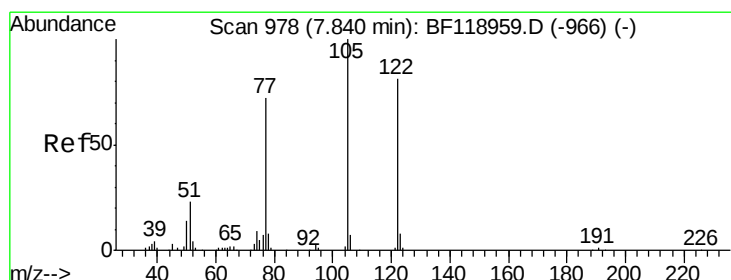
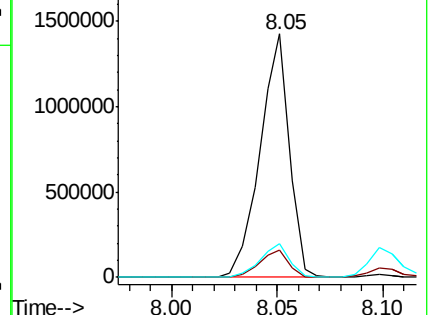
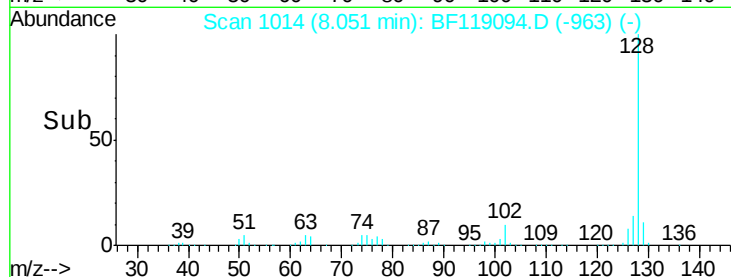
127 13.9 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.062 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

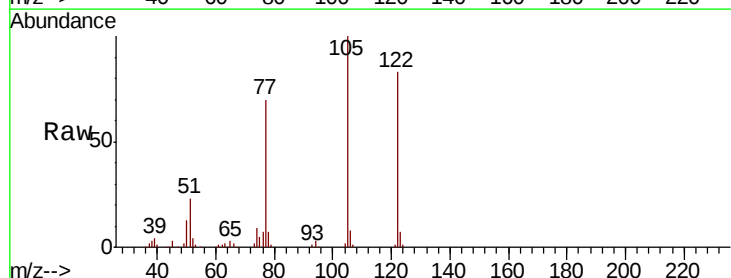
Tgt Ion:122 Resp: 267592

Ion Ratio Lower Upper

122 100

105 119.9 106.3 146.3

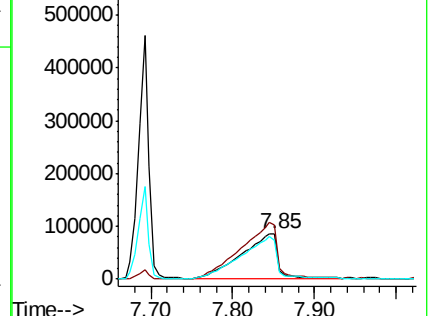
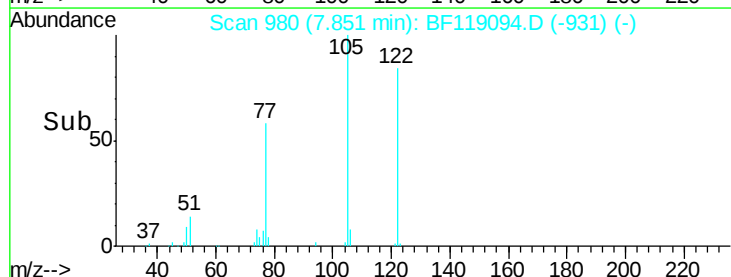
77 84.2 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

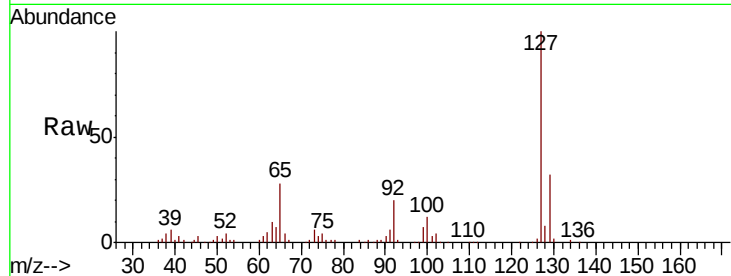




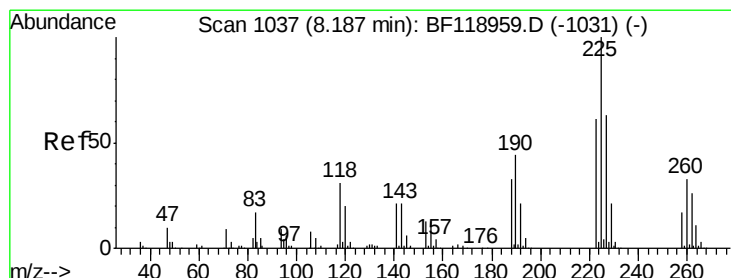
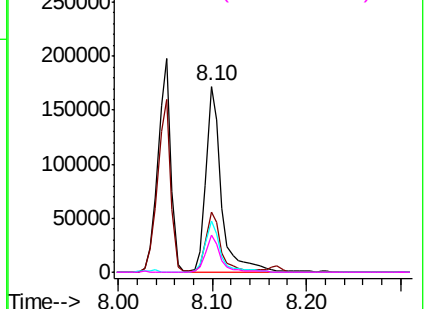
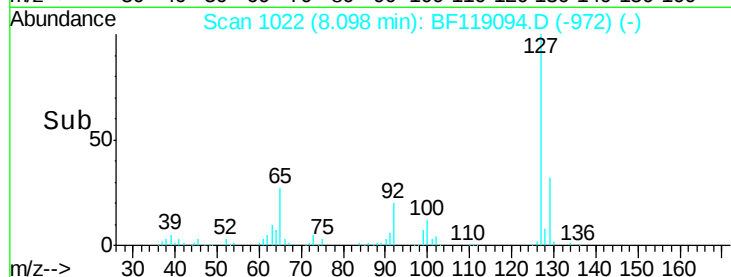
#33  
4-Chloroaniline  
Concen: 14.535 ng  
RT: 8.10 min Scan# 1022  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 198001 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 25.9  | 38.9   |
| 65       | 27.8  | 23.9  | 35.9   |
| 92       | 19.8  | 16.3  | 24.5   |

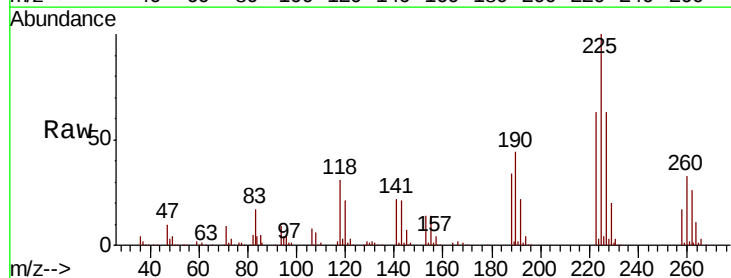


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

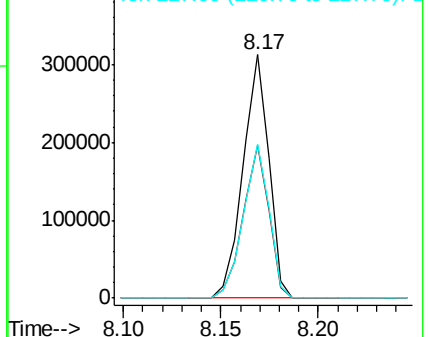
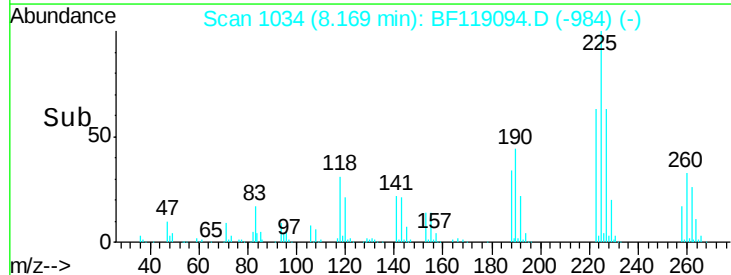


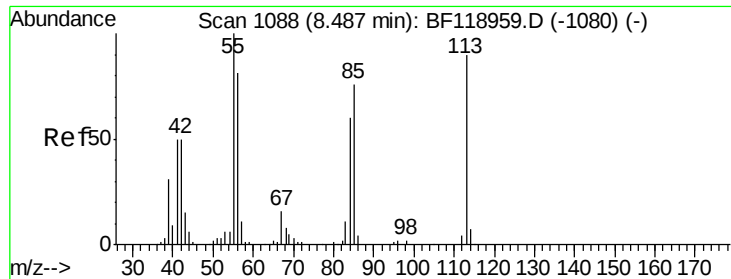
#34  
Hexachlorobutadiene  
Concen: 40.127 ng  
RT: 8.17 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 286947 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.6  | 49.4  | 74.2   |
| 227      | 63.2  | 52.9  | 79.3   |



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

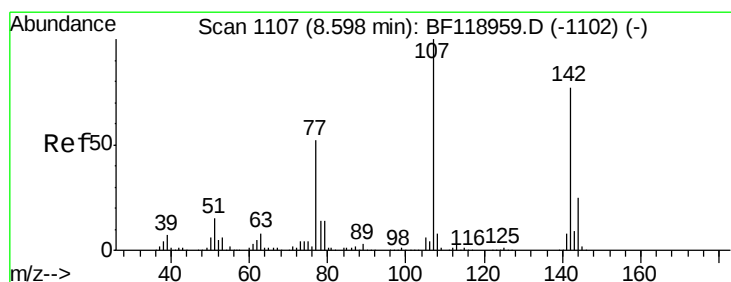
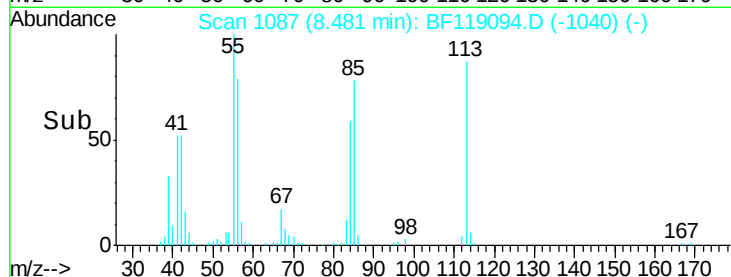
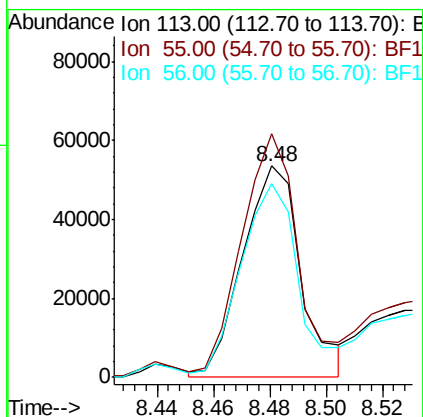
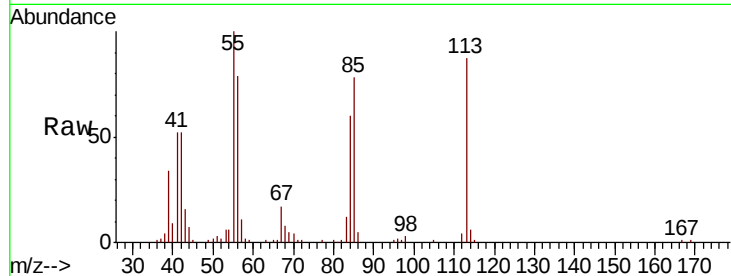




#35  
 Caprolactam  
 Concen: 25.815 ng  
 RT: 8.48 min Scan# 1087  
 Delta R.T. -0.02 min  
 Lab File: BF119094.D  
 Acq: 26 Feb 2020 14:55

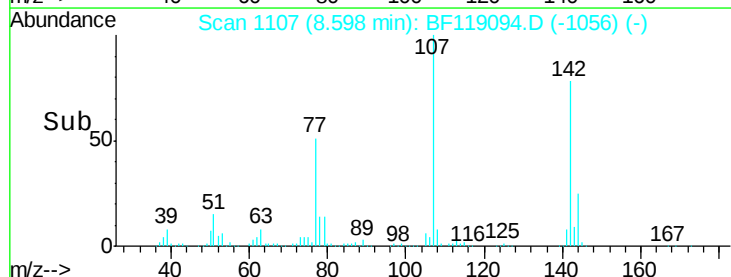
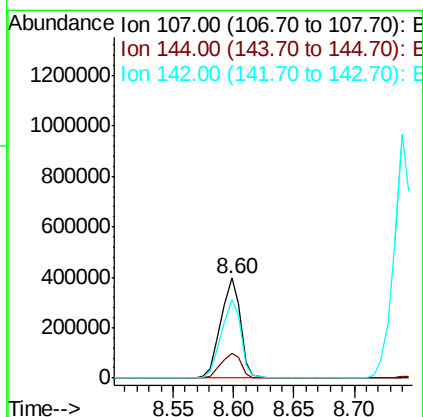
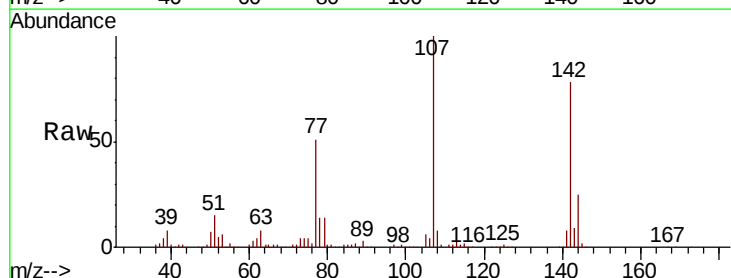
Instrument :  
 BNA\_F  
 ClientSampleId :

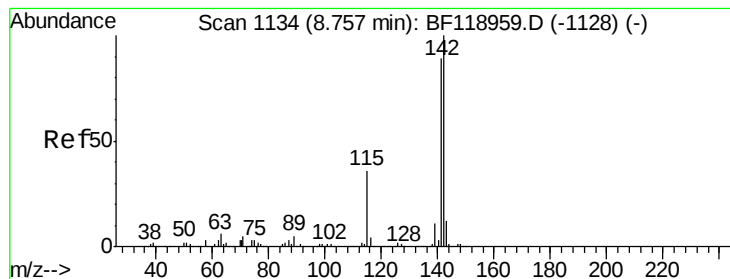
Tot Ion:113 Resp: 76967  
 Ion Ratio Lower Upper  
 113 100  
 55 115.2 95.7 135.7  
 56 91.4 73.1 113.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.577 ng  
 RT: 8.60 min Scan# 1107  
 Delta R.T. -0.00 min  
 Lab File: BF119094.D  
 Acq: 26 Feb 2020 14:55

Tgt Ion:107 Resp: 446628  
 Ion Ratio Lower Upper  
 107 100  
 144 25.4 20.1 30.1  
 142 78.1 61.4 92.2





#37

2-Methylnaphthalene

Concen: 43.943 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampleId :

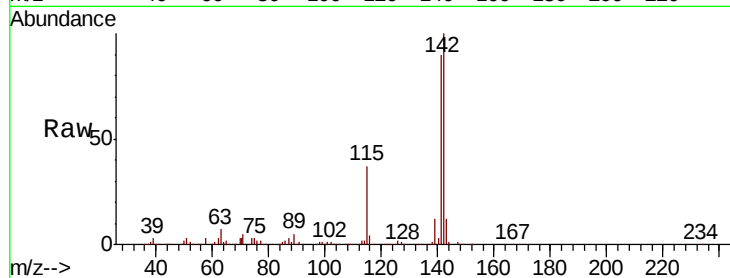
Tot Ion:142 Resp: 936606

Ion Ratio Lower Upper

142 100

141 90.4 72.3 108.5

115 37.3 30.6 45.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

1200000

1000000

800000

600000

400000

200000

0

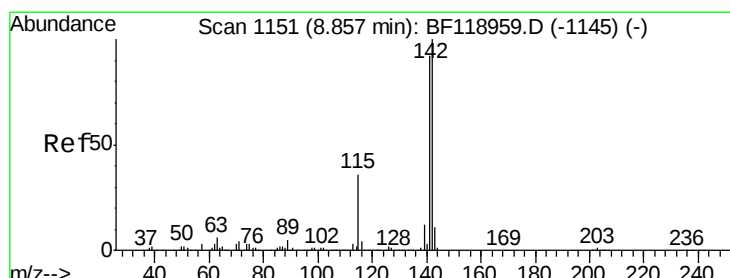
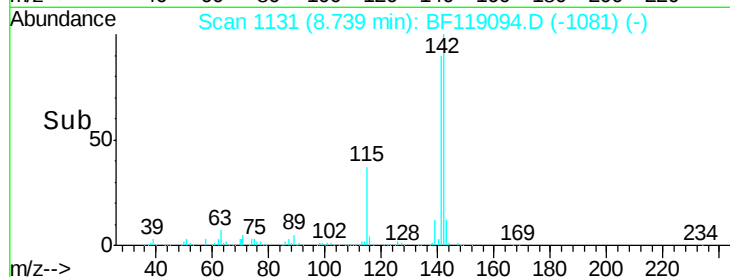
8.74

8.70

8.75

8.80

Time-->



#38

1-Methylnaphthalene

Concen: 43.938 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

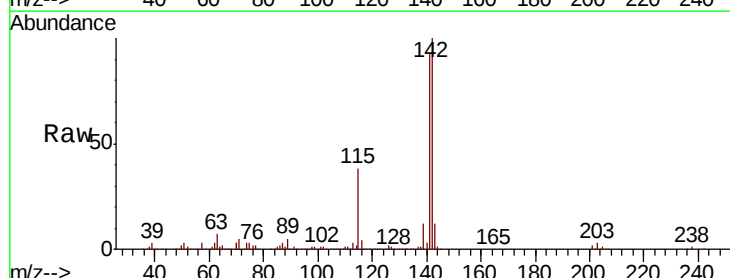
Tgt Ion:142 Resp: 880745

Ion Ratio Lower Upper

142 100

141 93.1 75.8 113.6

116 4.0 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

1200000

1000000

800000

600000

400000

200000

0

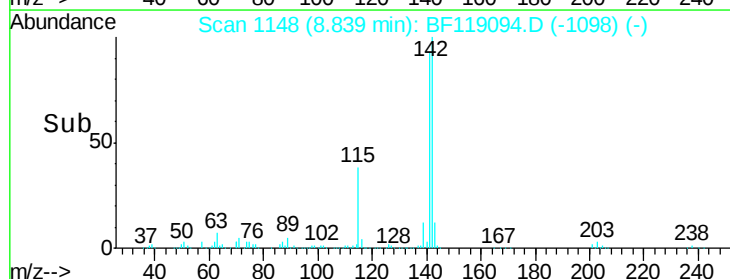
8.84

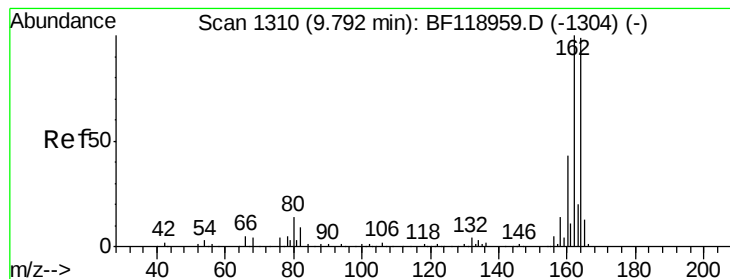
8.80

8.85

8.90

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampled :

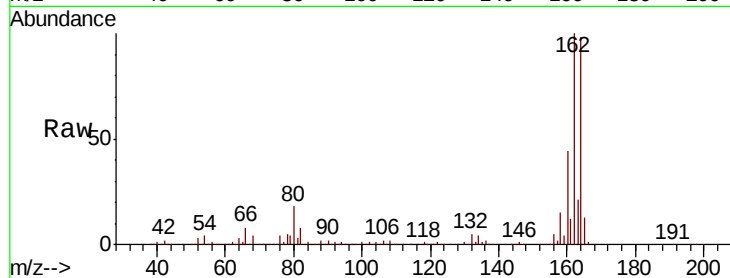
Tot Ion:164 Resp: 336779

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.8

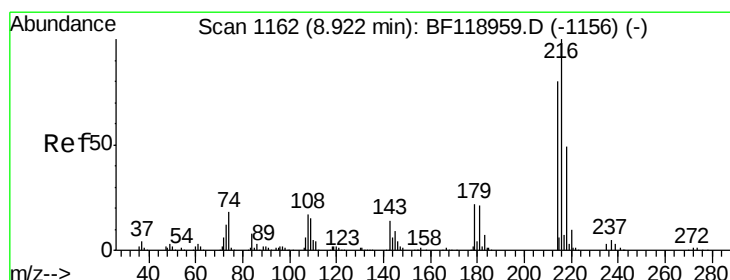
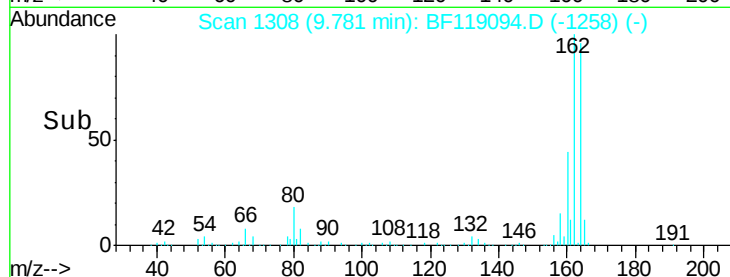
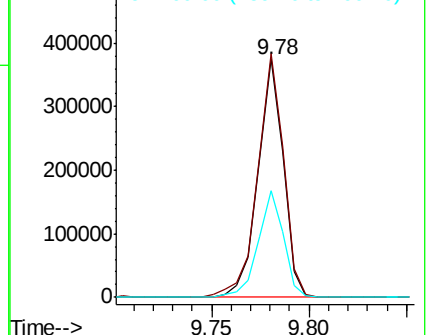
160 44.6 36.0 54.0



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: 40.867 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Tgt Ion:216 Resp: 464039

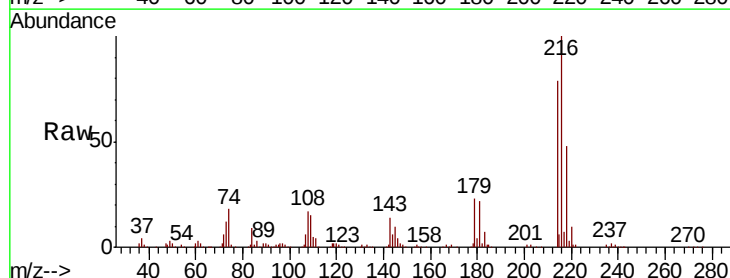
Ion Ratio Lower Upper

216 100

214 79.1 63.3 94.9

179 21.9 17.7 26.5

108 18.8 13.9 20.9

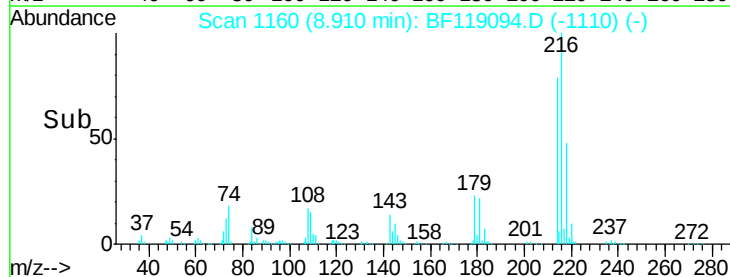
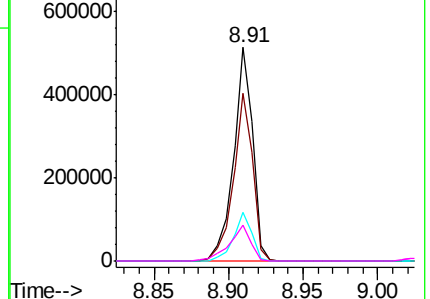


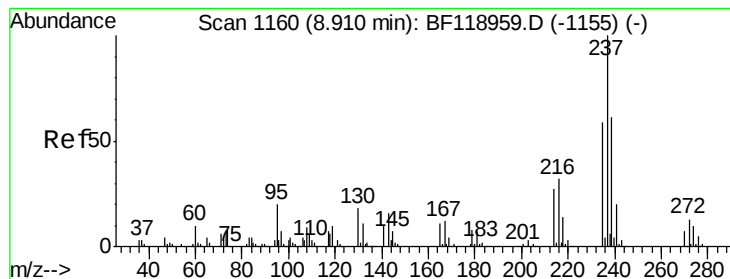
Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.988 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampleId :

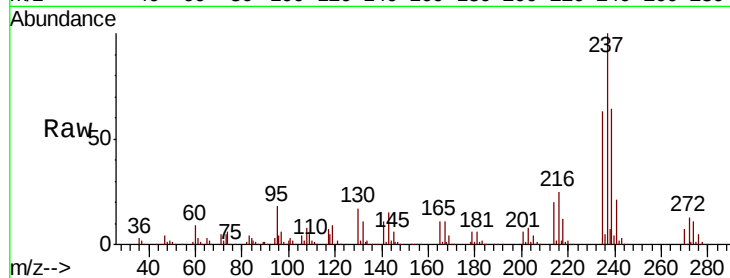
Tot Ion:237 Resp: 349324

Ion Ratio Lower Upper

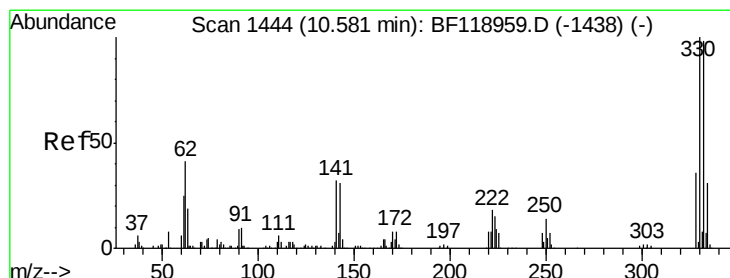
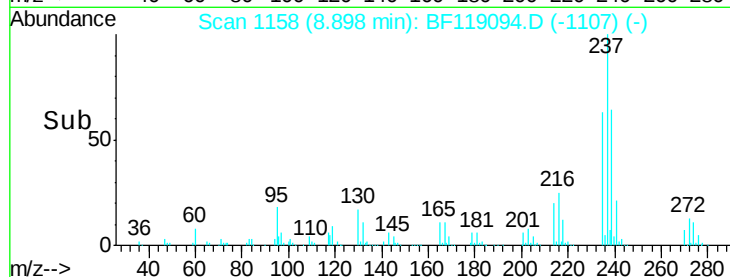
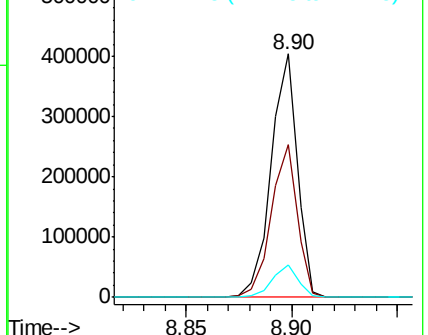
237 100

235 62.6 42.3 82.3

272 13.1 0.0 33.5



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: 84.580 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

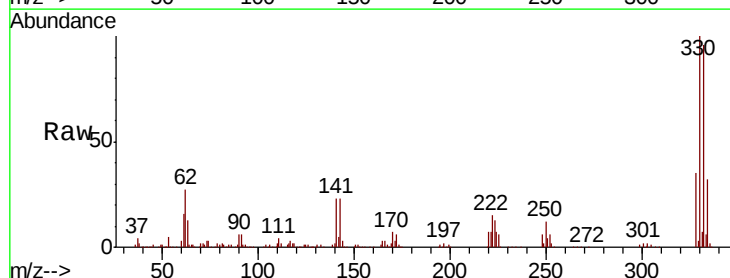
Tgt Ion:330 Resp: 372628

Ion Ratio Lower Upper

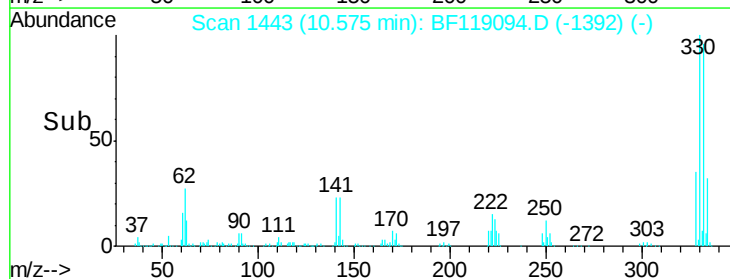
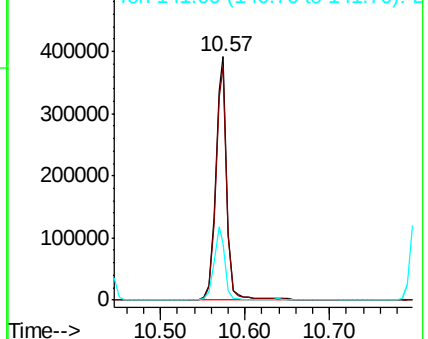
330 100

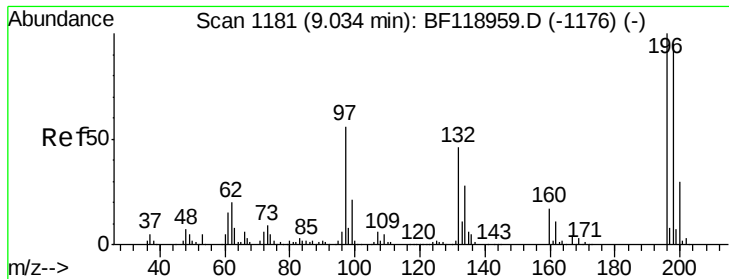
332 95.4 76.0 114.0

141 29.3 22.9 34.3



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

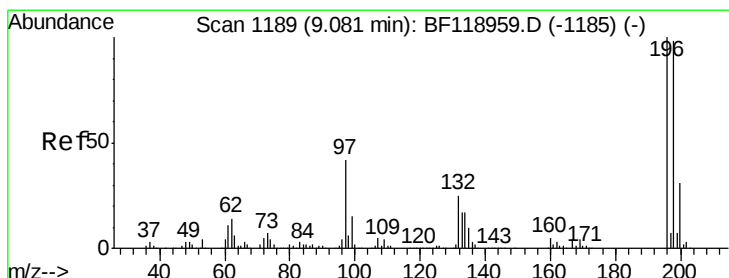
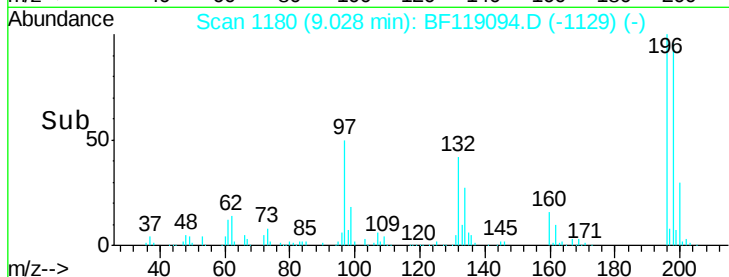
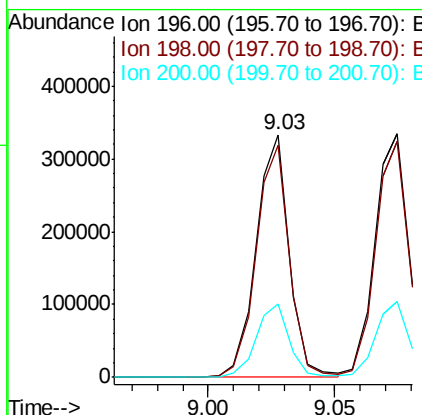
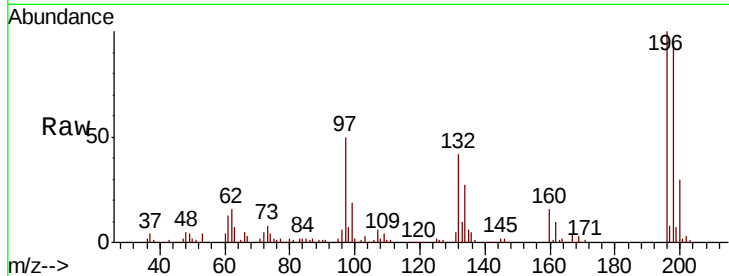




#43  
 2,4,6-Trichlorophenol  
 Concen: 42.273 ng  
 RT: 9.03 min Scan# 1180  
 Delta R.T. -0.00 min  
 Lab File: BF119094.D  
 Acq: 26 Feb 2020 14:55

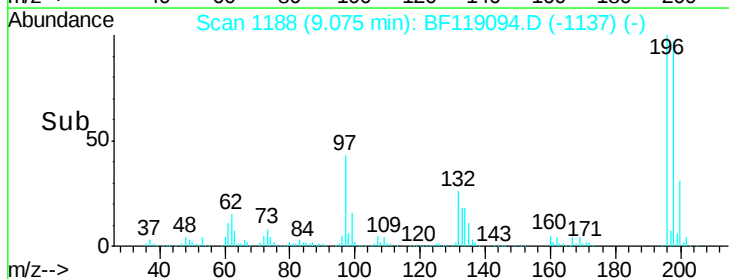
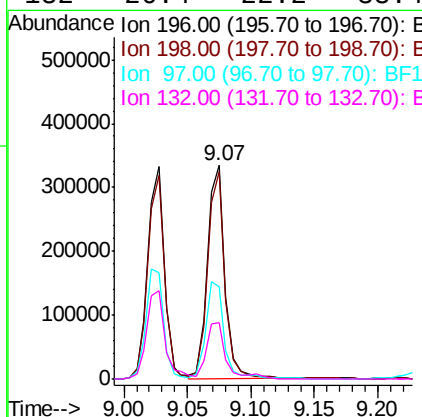
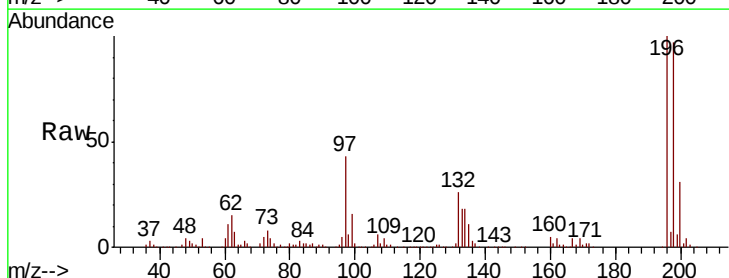
Instrument :  
 BNA\_F  
 ClientSampled :

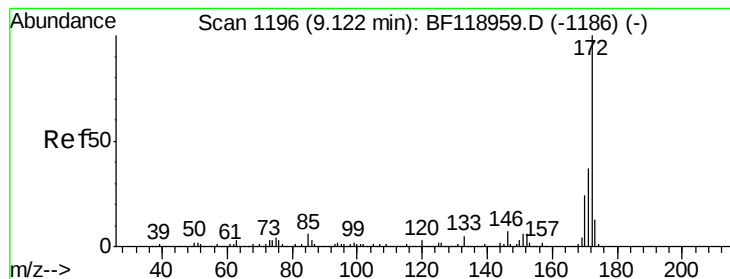
Tot Ion:196 Resp: 303114  
 Ion Ratio Lower Upper  
 196 100  
 198 95.9 77.1 115.7  
 200 30.5 25.0 37.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 43.229 ng  
 RT: 9.07 min Scan# 1188  
 Delta R.T. -0.00 min  
 Lab File: BF119094.D  
 Acq: 26 Feb 2020 14:55

Tgt Ion:196 Resp: 325271  
 Ion Ratio Lower Upper  
 196 100  
 198 96.9 76.8 115.2  
 97 42.9 38.5 57.7  
 132 26.4 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 56.548 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampleId :

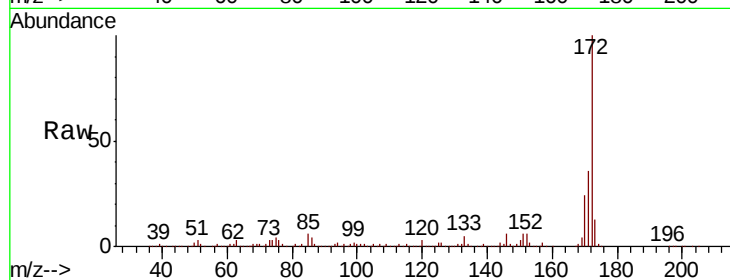
Tot Ion:172 Resp: 1292743

Ion Ratio Lower Upper

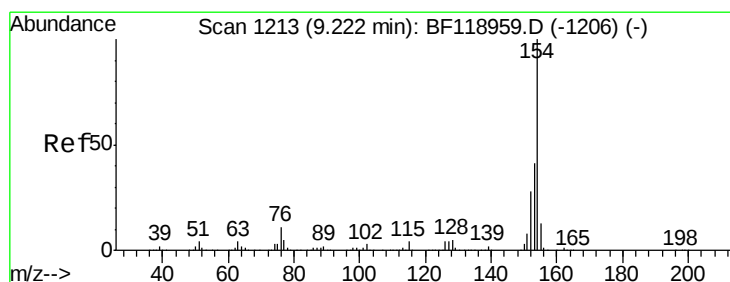
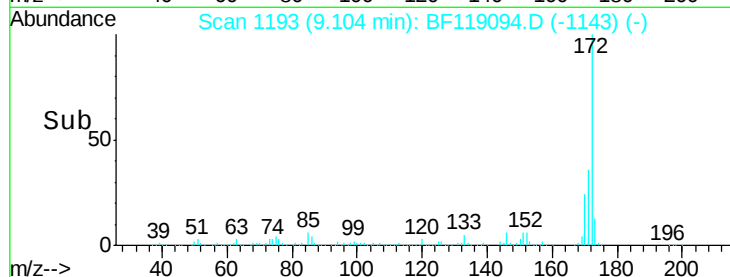
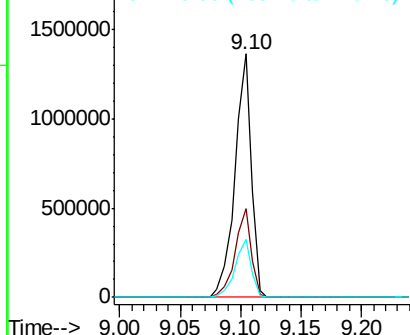
172 100

171 36.2 30.6 45.8

170 23.9 20.2 30.2



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



#46

1,1'-Biphenyl

Concen: 41.570 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

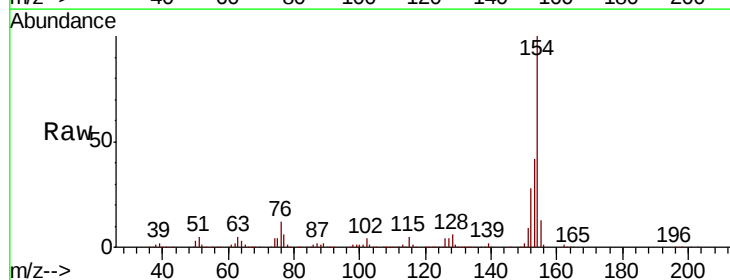
Tgt Ion:154 Resp: 1131470

Ion Ratio Lower Upper

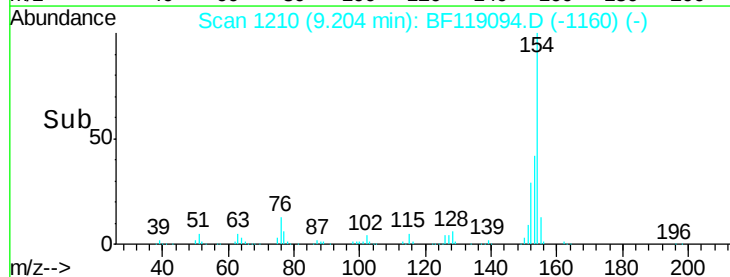
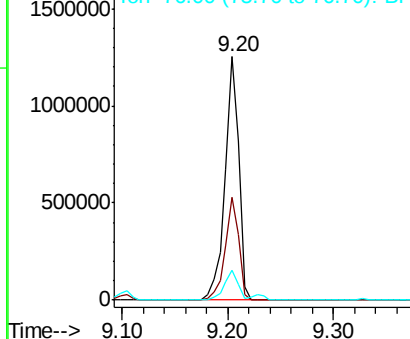
154 100

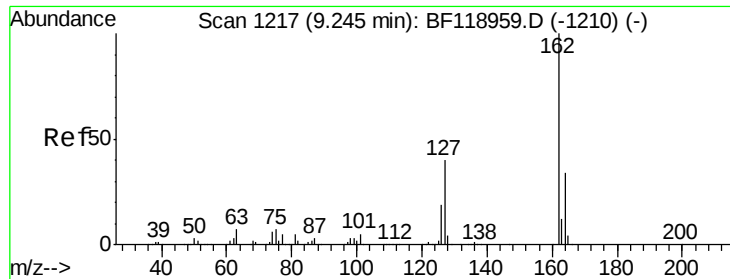
153 42.3 22.8 62.8

76 12.5 0.0 32.2



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

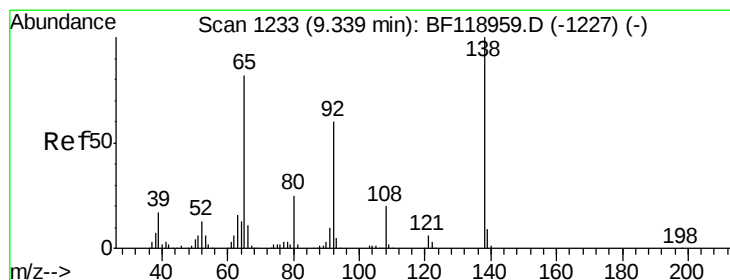
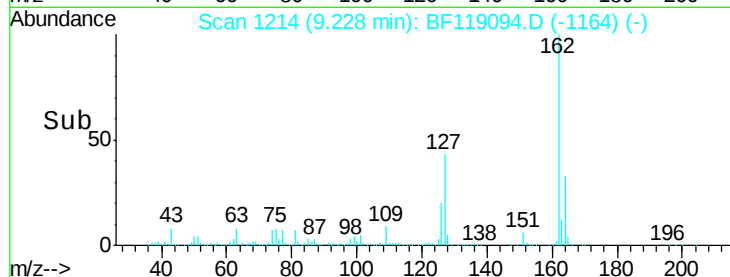
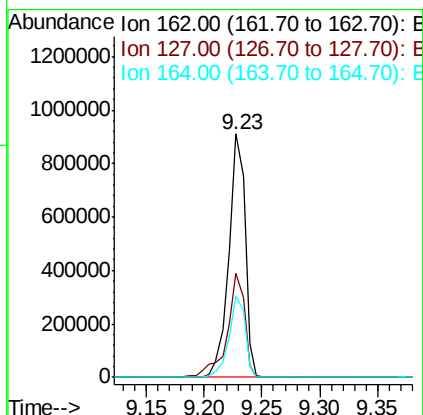
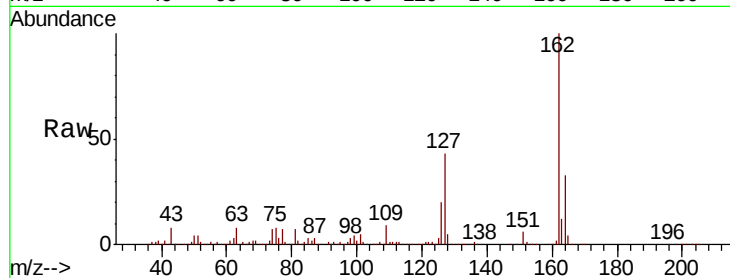




#47  
2-Chloronaphthalene  
Concen: 40.825 ng  
RT: 9.23 min Scan# 1214  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

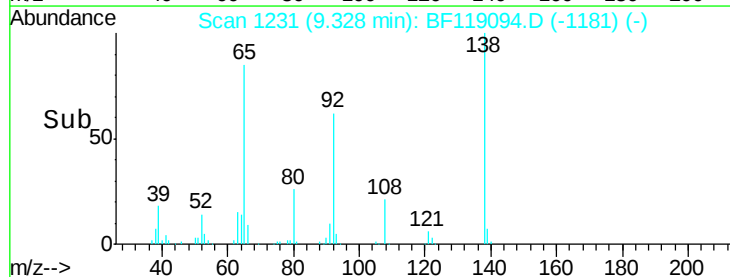
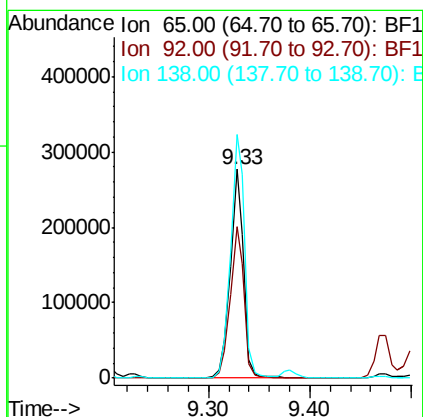
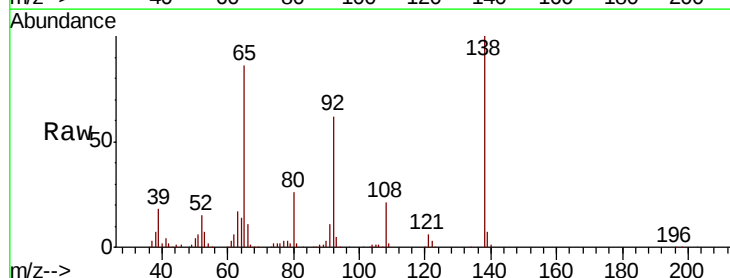
Instrument :  
BNA\_F  
ClientSampleId :

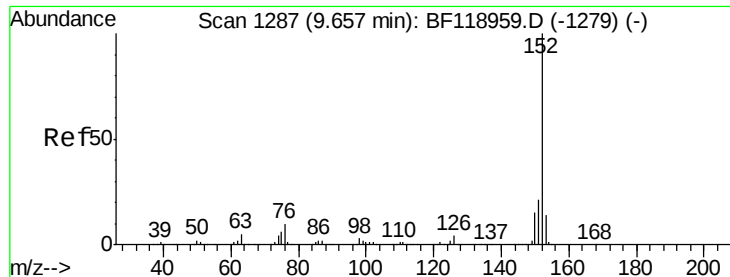
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.6  | 35.0  | 52.4  |
| 164     | 33.4  | 27.2  | 40.8  |



#48  
2-Nitroaniline  
Concen: 41.787 ng  
RT: 9.33 min Scan# 1231  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 72.6  | 58.2  | 87.2  |
| 138     | 116.7 | 95.6  | 143.4 |





#49

Acenaphthylene

Concen: 43.822 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampleId :

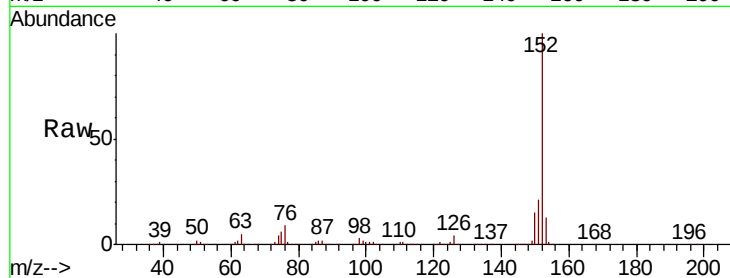
Tot Ion:152 Resp: 1388268

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

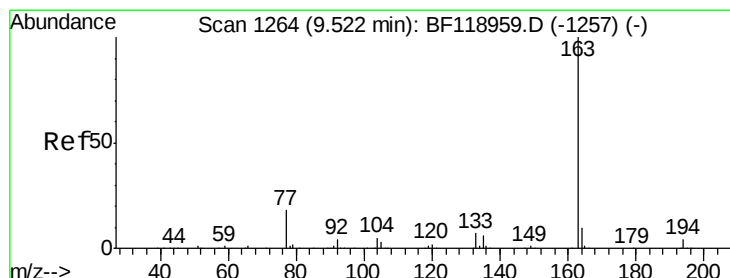
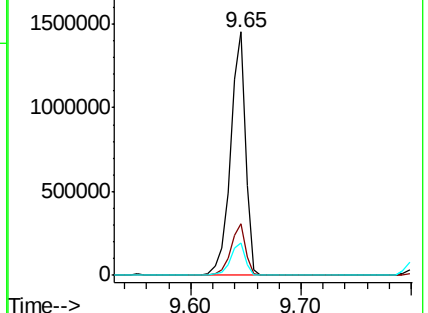
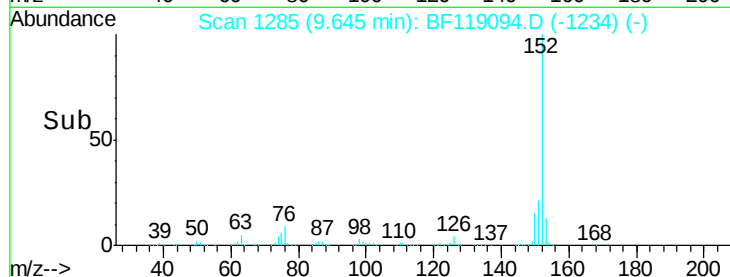
153 13.3 11.0 16.6



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: 45.879 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

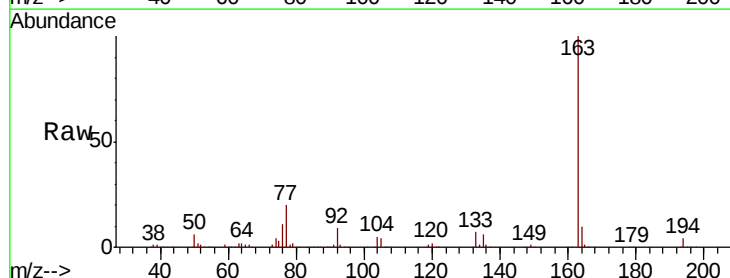
Tgt Ion:163 Resp: 1181519

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

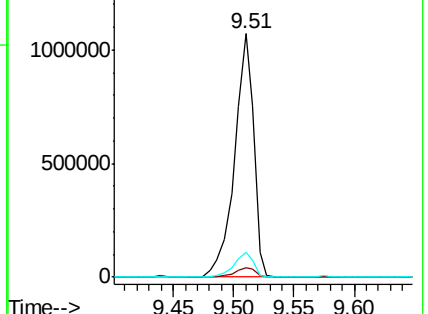
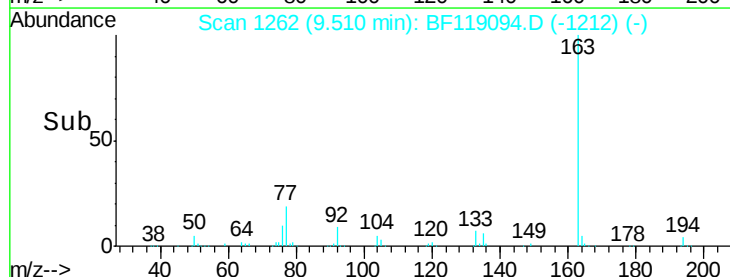
164 10.3 8.4 12.6

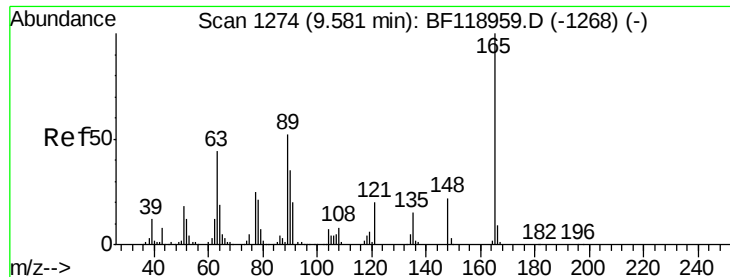


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.470 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampleId :

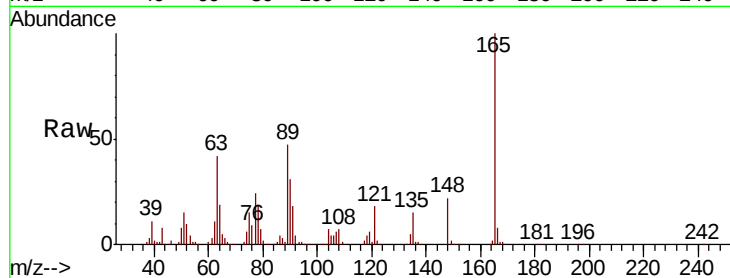
Tot Ion:165 Resp: 254437

Ion Ratio Lower Upper

165 100

63 42.1 34.3 51.5

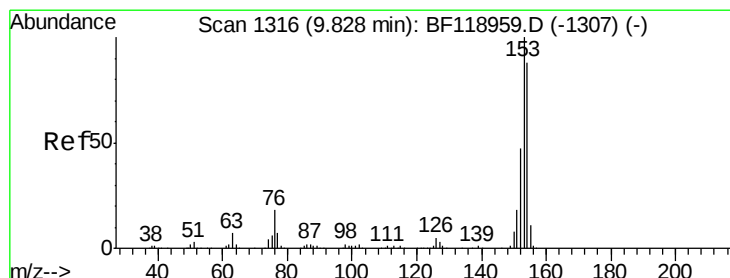
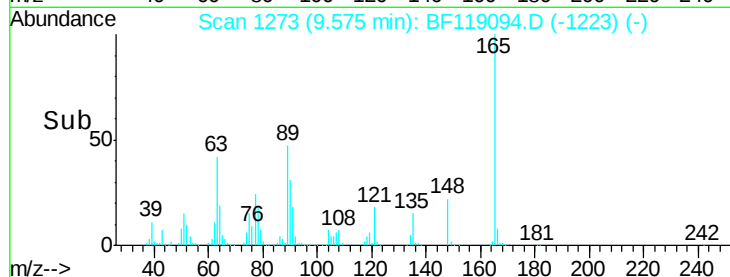
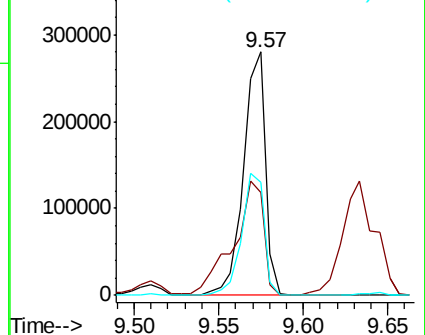
89 46.7 38.3 57.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.057 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

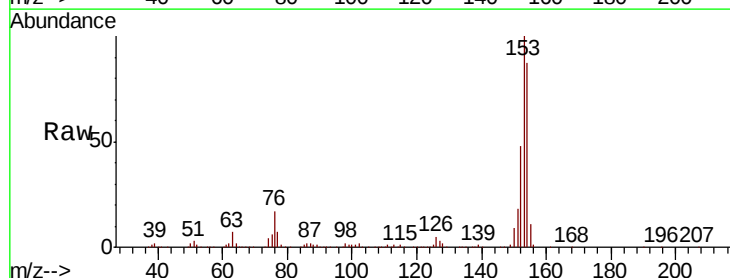
Tgt Ion:154 Resp: 803378

Ion Ratio Lower Upper

154 100

153 114.6 90.3 135.5

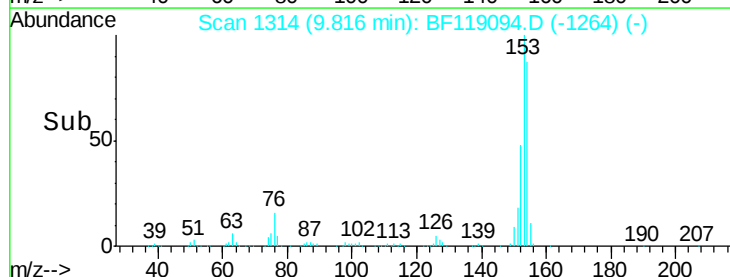
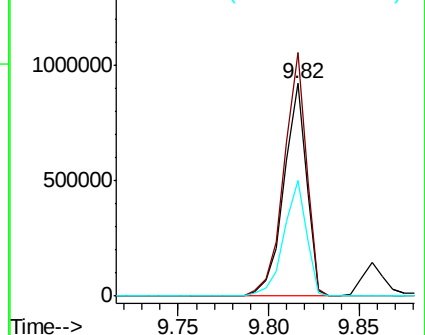
152 54.4 43.8 65.8

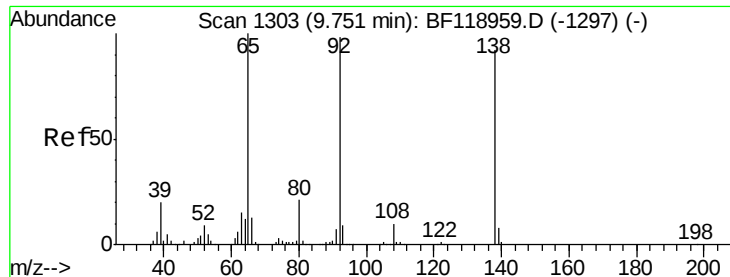


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

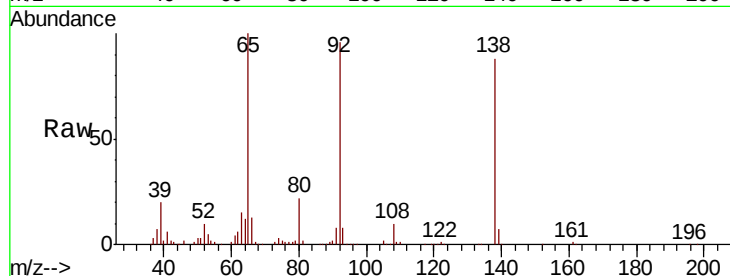




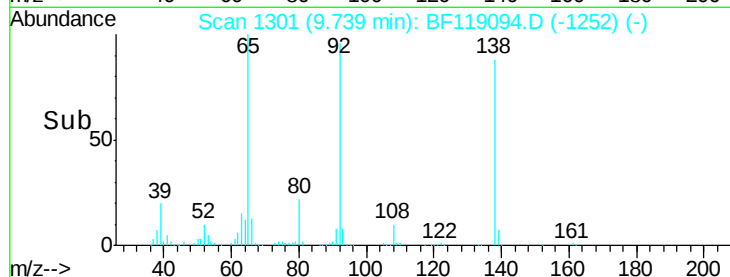
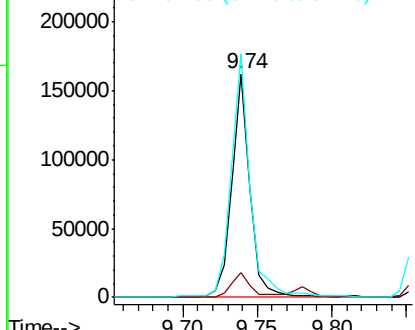
#53  
3-Nitroaniline  
Concen: 22.234 ng  
RT: 9.74 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 141031  
Ion Ratio Lower Upper  
138 100  
108 11.3 8.8 13.2  
92 109.0 84.8 127.2

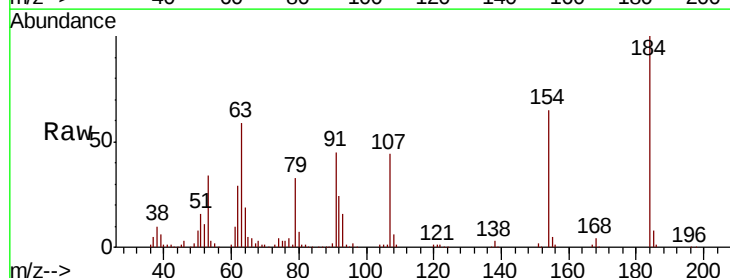


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

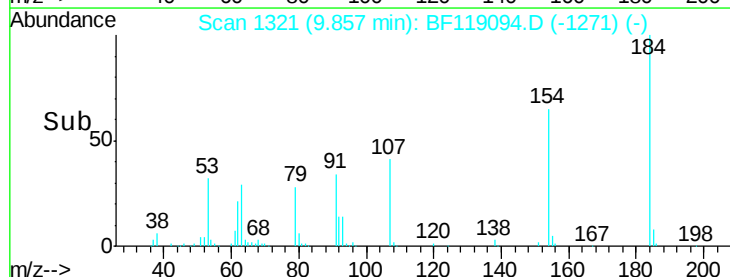
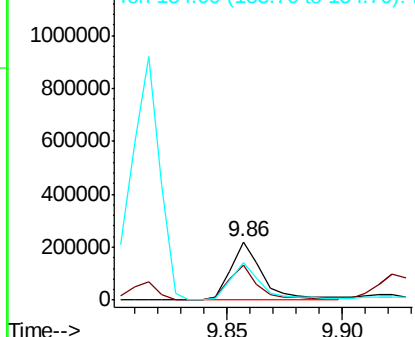


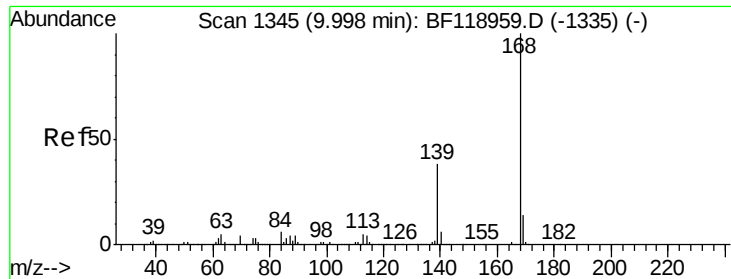
#54  
2,4-Dinitrophenol  
Concen: 76.693 ng  
RT: 9.86 min Scan# 1321  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

Tgt Ion:184 Resp: 212319  
Ion Ratio Lower Upper  
184 100  
63 59.0 38.7 58.1#  
154 65.0 49.7 74.5



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

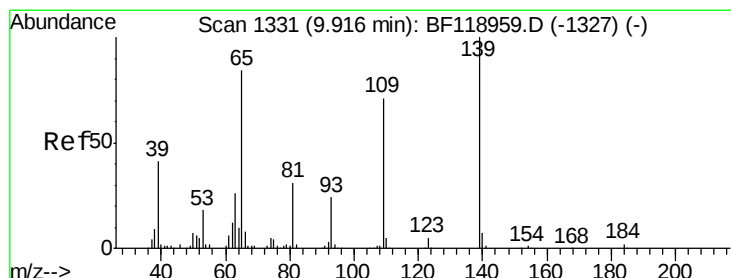
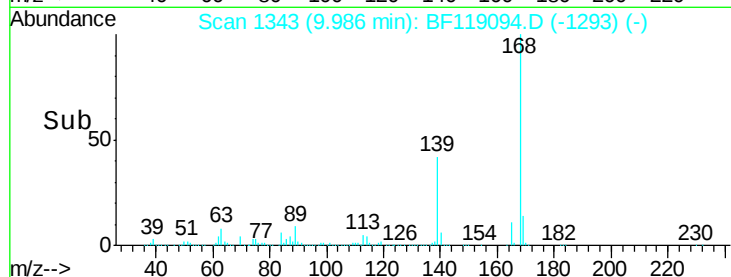
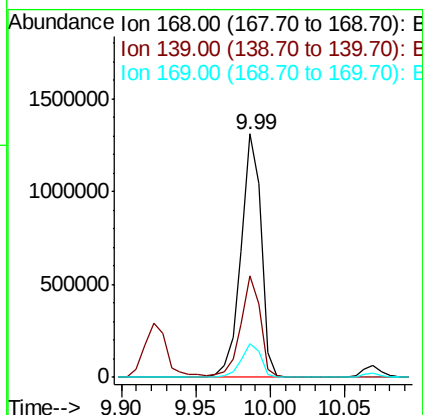
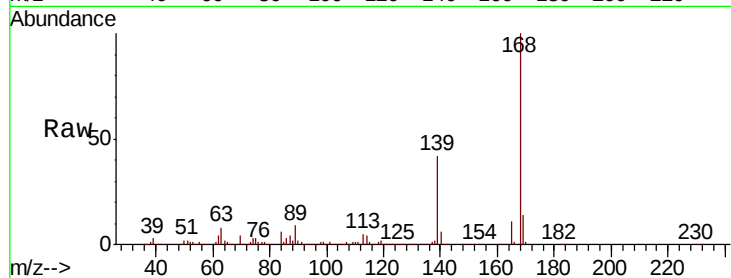




#55  
Dibenzenofuran  
Concen: 43.039 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

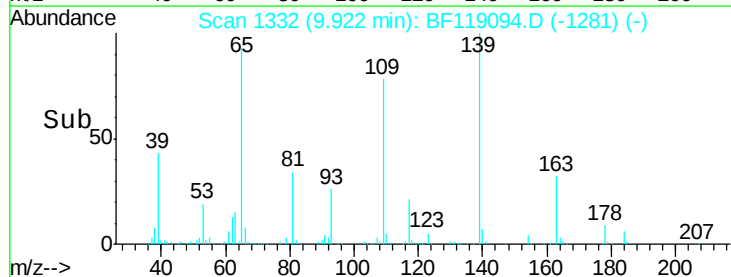
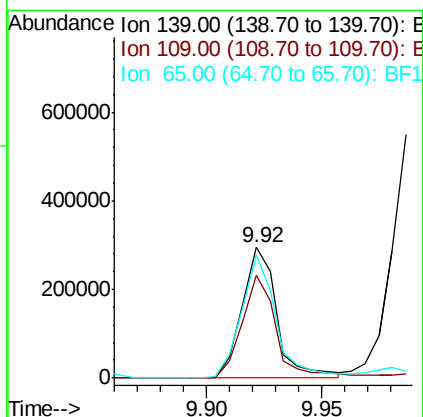
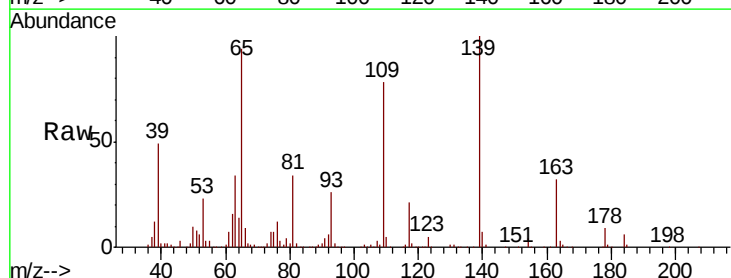
Instrument :  
BNA\_F  
ClientSampleId :

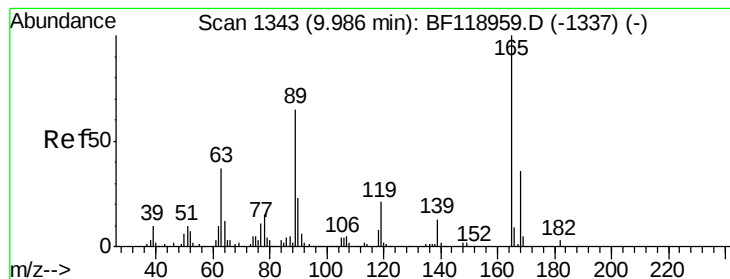
Tot Ion:168 Resp: 1227111  
Ion Ratio Lower Upper  
168 100  
139 41.9 34.0 51.0  
169 13.7 11.0 16.4



#56  
4-Nitrophenol  
Concen: 81.571 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. -0.00 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

Tgt Ion:139 Resp: 310868  
Ion Ratio Lower Upper  
139 100  
109 78.3 56.7 96.7  
65 94.1 65.0 105.0





#57

2,4-Dinitrotoluene

Concen: 43.354 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampled :

Tot Ion:165 Resp: 321520

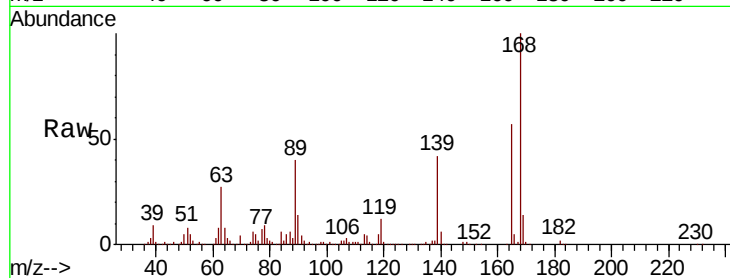
Ion Ratio Lower Upper

165 100

63 47.1 42.3 63.5

89 70.7 60.2 90.4

182 3.1 2.3 3.5

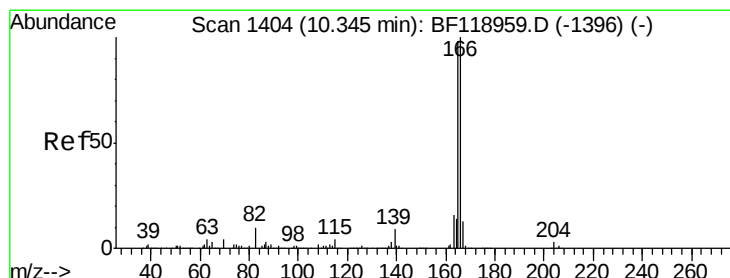
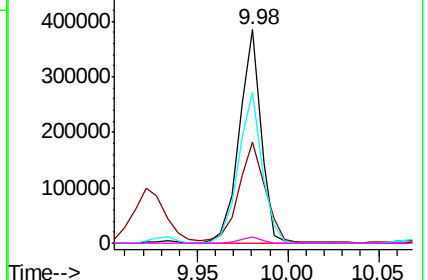
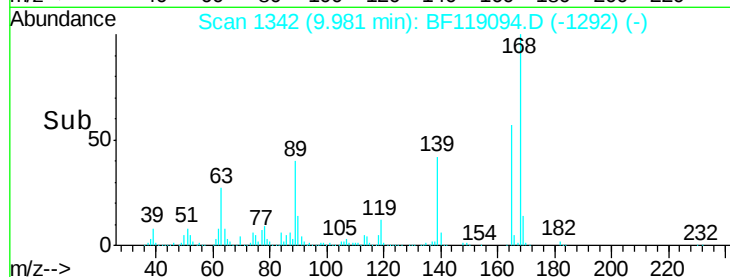


Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.790 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

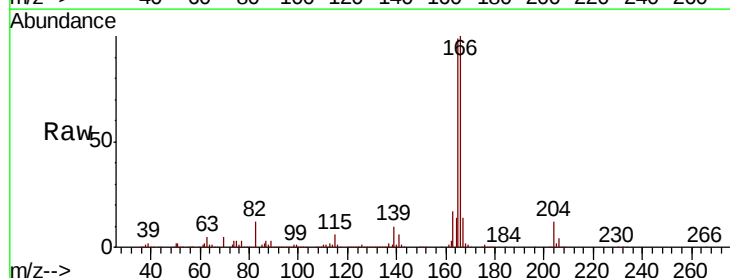
Tgt Ion:166 Resp: 970174

Ion Ratio Lower Upper

166 100

165 99.0 78.5 117.7

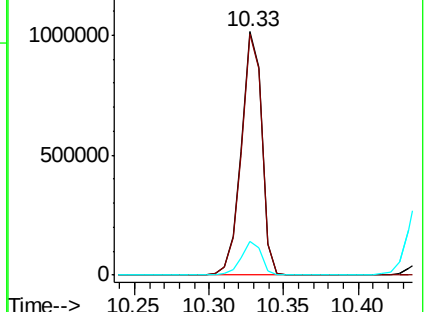
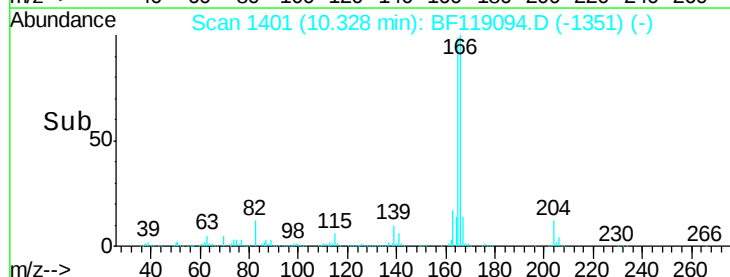
167 13.8 11.0 16.4

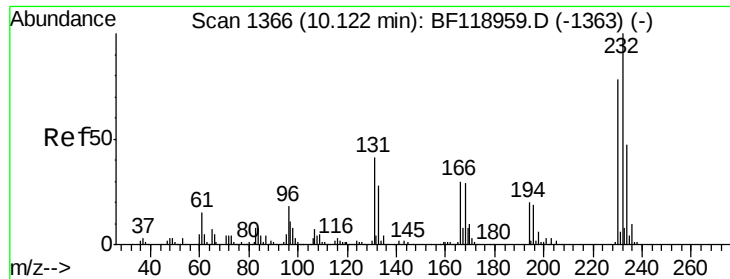


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

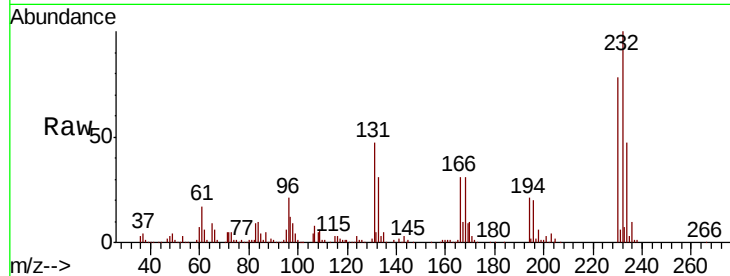




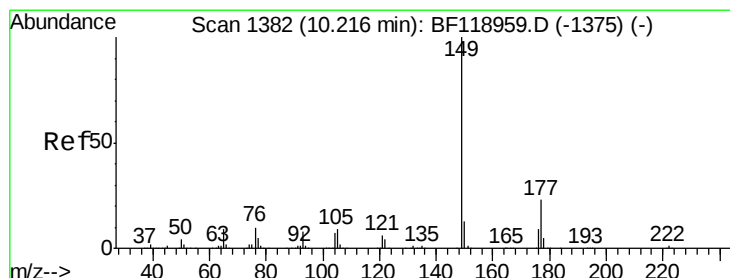
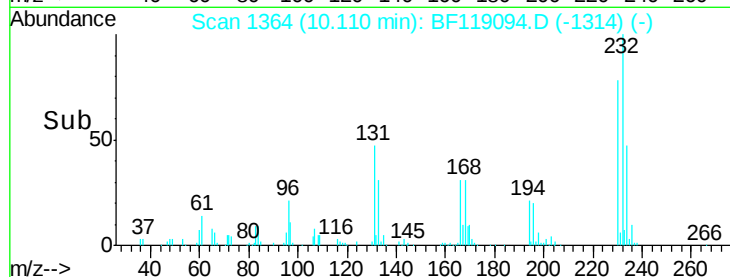
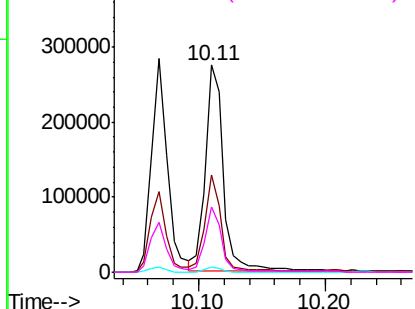
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.088 ng  
RT: 10.11 min Scan# 1364  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:232 Resp: 273570  
Ion Ratio Lower Upper  
232 100  
131 41.7 33.8 50.8  
130 2.2 1.8 2.6  
166 28.9 23.0 34.4

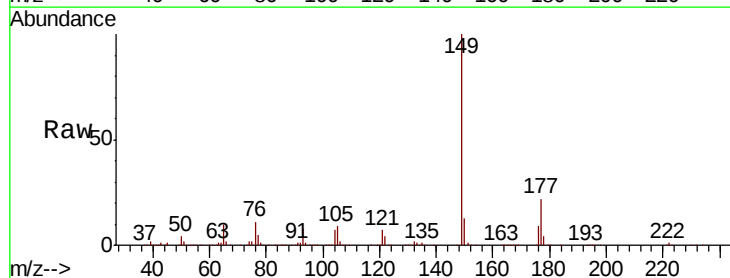


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

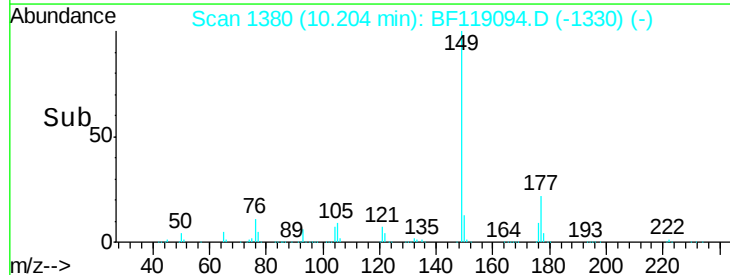
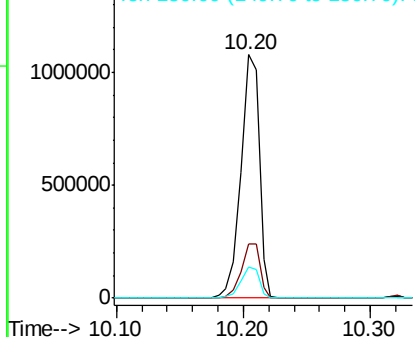


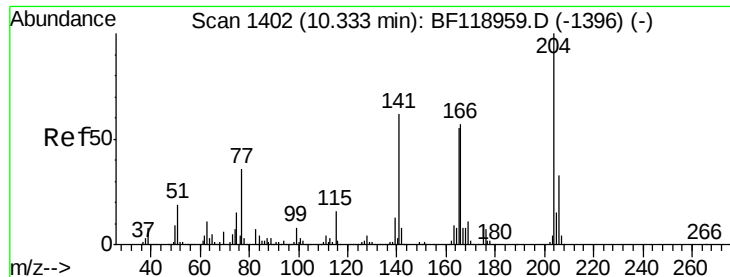
#60  
Diethylphthalate  
Concen: 44.385 ng  
RT: 10.20 min Scan# 1380  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

Tgt Ion:149 Resp: 1077167  
Ion Ratio Lower Upper  
149 100  
177 22.0 18.2 27.2  
150 12.8 10.5 15.7



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

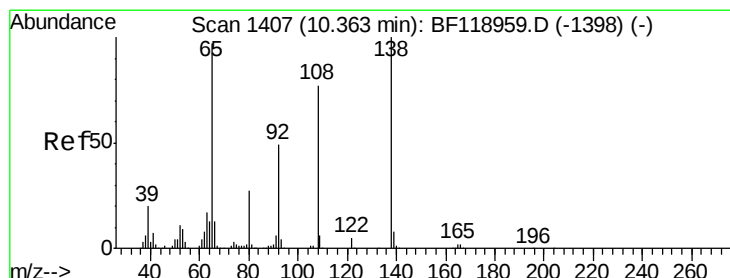
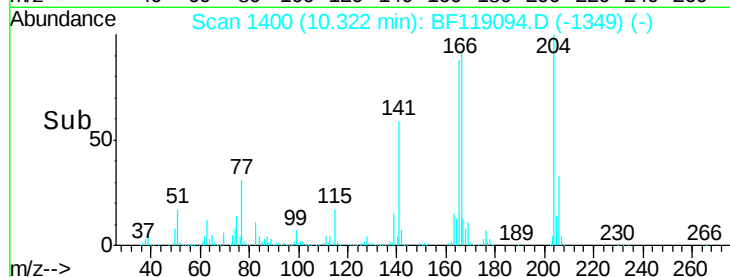
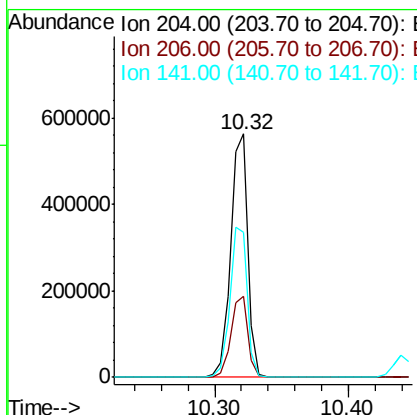
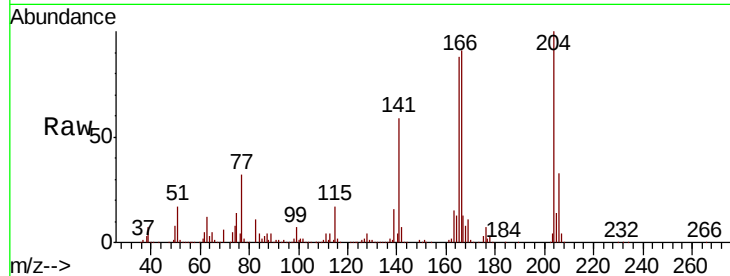




#61  
 4-Chlorophenyl-phenylether  
 Concen: 43.434 ng  
 RT: 10.32 min Scan# 1400  
 Delta R.T. -0.00 min  
 Lab File: BF119094.D  
 Acq: 26 Feb 2020 14:55

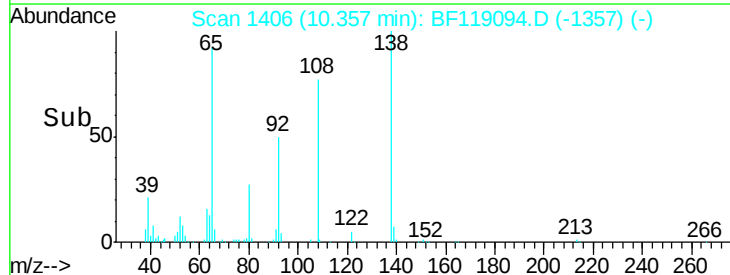
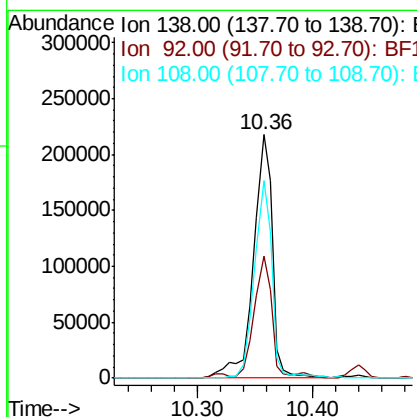
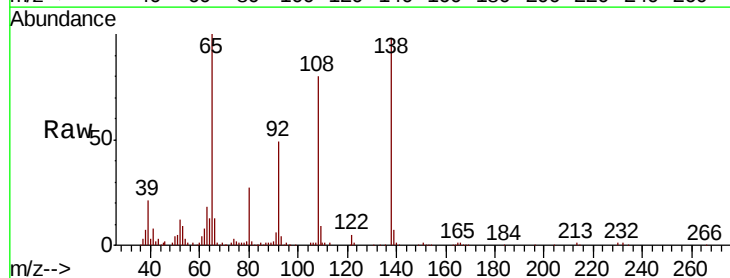
Instrument :  
 BNA\_F  
 ClientSampleId :

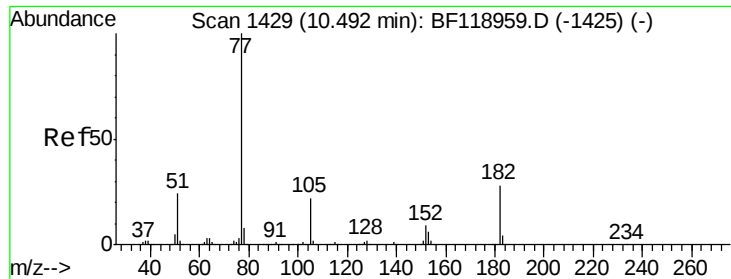
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 204   | Resp: | 509362 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 33.0  | 27.1  | 40.7   |
| 141      | 59.4  | 52.9  | 79.3   |



#62  
 4-Nitroaniline  
 Concen: 38.439 ng  
 RT: 10.36 min Scan# 1406  
 Delta R.T. -0.01 min  
 Lab File: BF119094.D  
 Acq: 26 Feb 2020 14:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 249452 |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 50.1  | 27.3  | 67.3   |
| 108      | 81.3  | 57.0  | 97.0   |

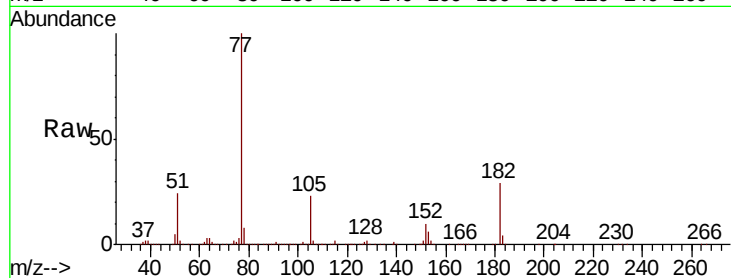




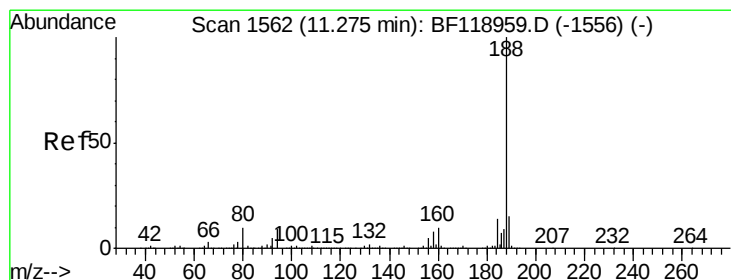
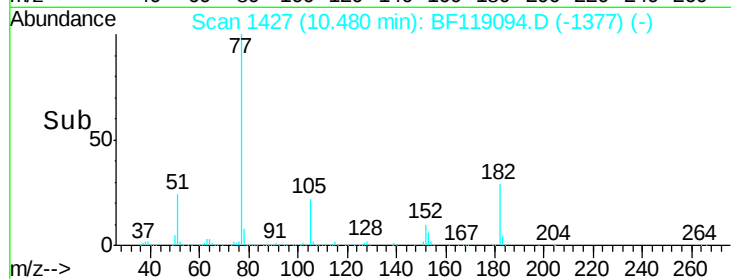
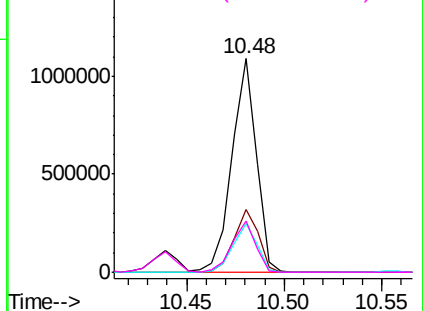
#63  
Azobenzene  
Concen: 44.752 ng  
RT: 10.48 min Scan# 1427  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 944037 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 29.1  | 11.4  | 51.4   |
| 105      | 22.7  | 3.4   | 43.4   |
| 51       | 24.2  | 5.1   | 45.1   |

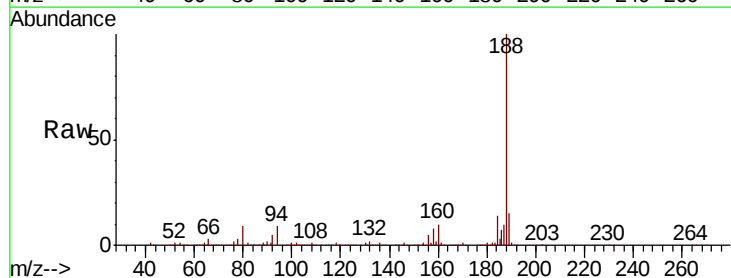


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

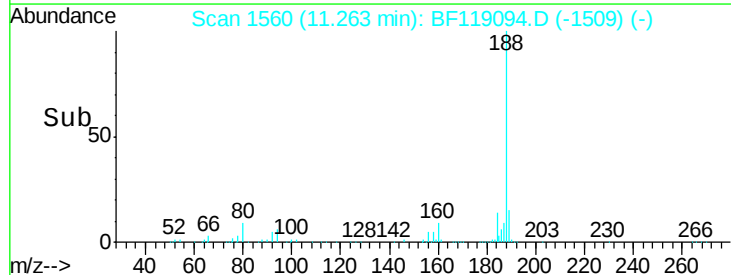
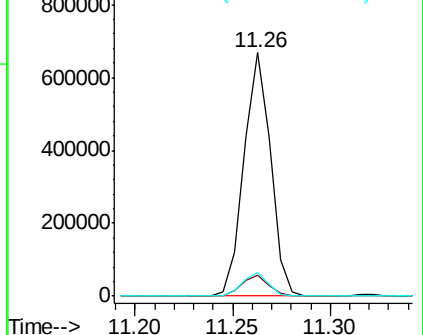


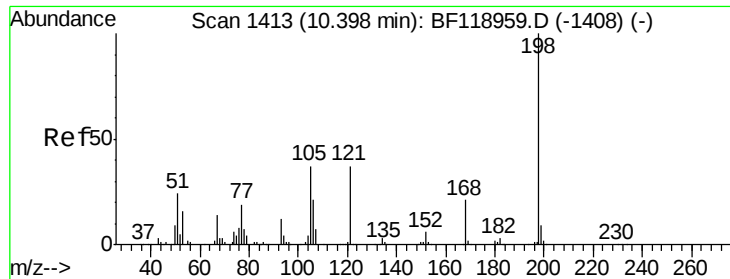
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.26 min Scan# 1560  
Delta R.T. -0.00 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 633858 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.6   | 7.1   | 10.7   |
| 80       | 9.5   | 7.8   | 11.8   |



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

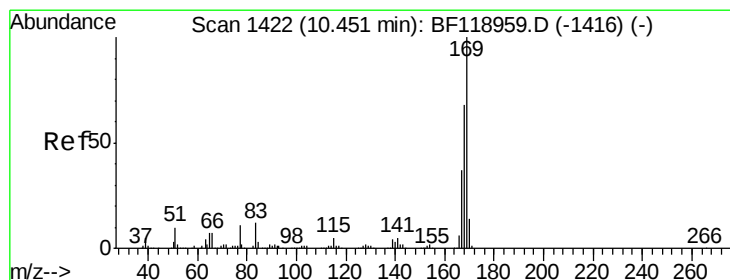
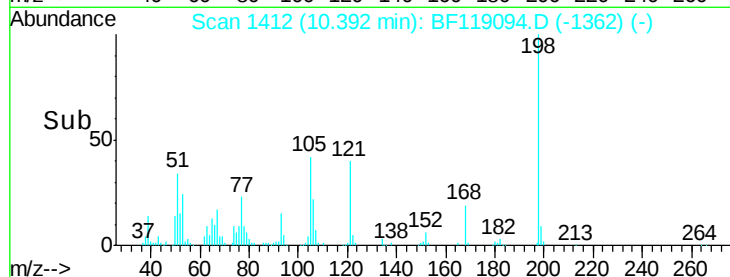
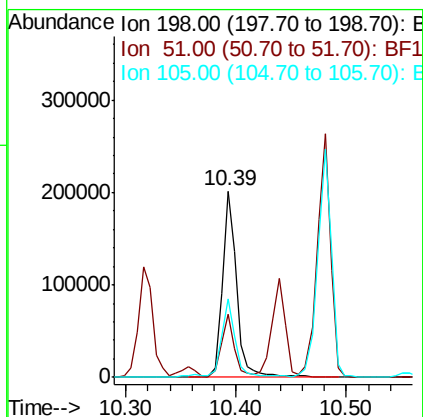
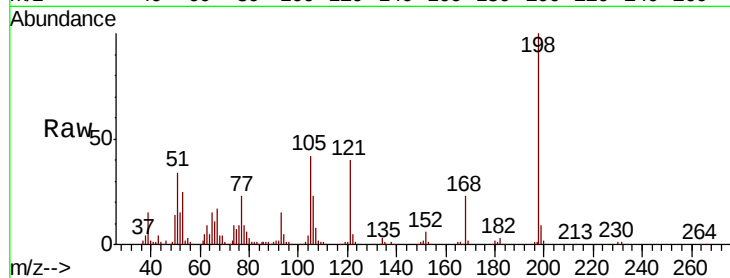




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.495 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

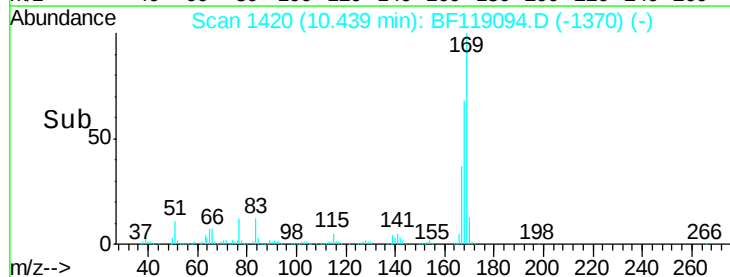
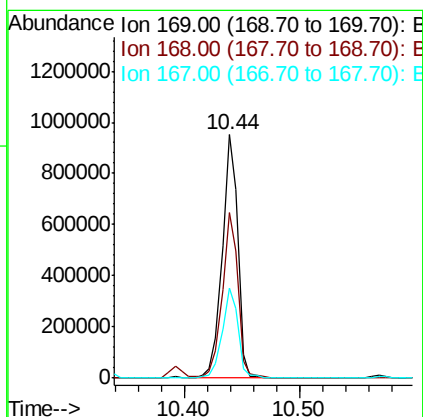
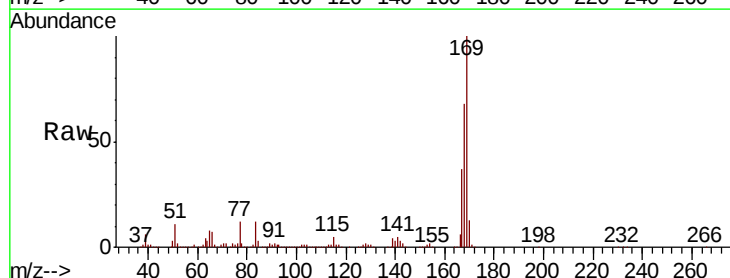
Instrument :  
BNA\_F  
ClientSampleId :

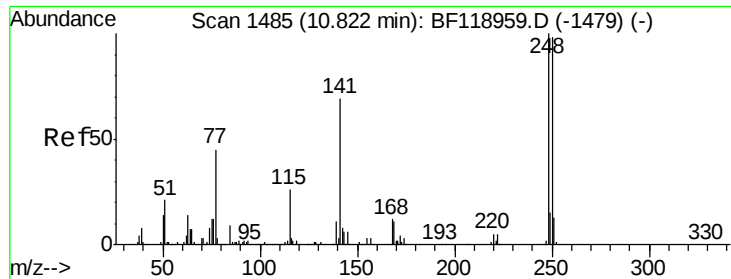
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 33.8  | 14.2  | 54.2  |
| 105     | 41.9  | 22.7  | 62.7  |



#66  
n-Nitrosodiphenylamine  
Concen: 42.915 ng  
RT: 10.44 min Scan# 1420  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.8  | 54.1  | 81.1  |
| 167     | 37.0  | 29.4  | 44.0  |

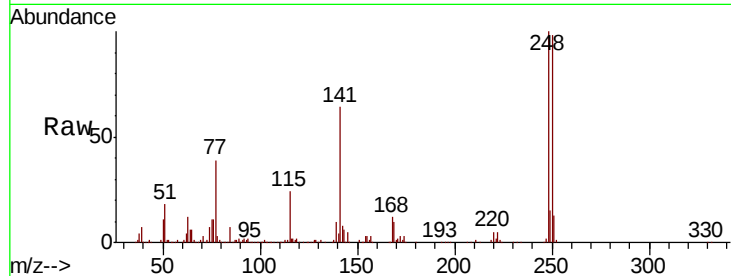




#67  
4-Bromophenyl-phenylether  
Concen: 41.333 ng  
RT: 10.81 min Scan# 1483  
Delta R.T. -0.00 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.8  | 76.7  | 115.1 |
| 141     | 64.1  | 60.7  | 91.1  |

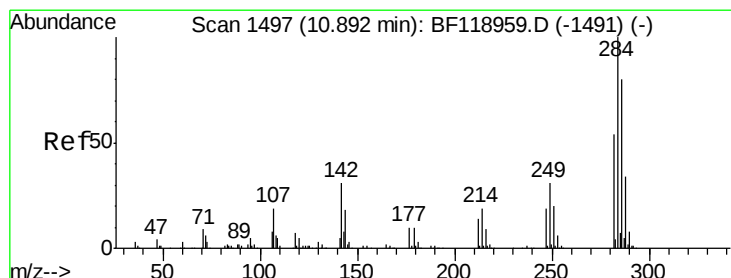
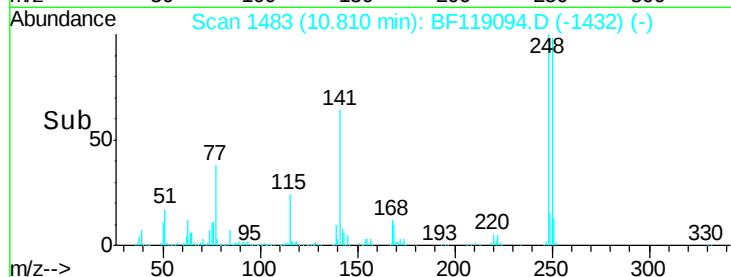
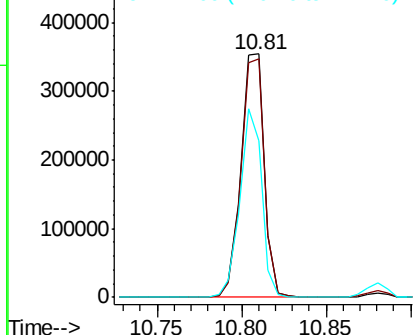


Abundance

Ion 248.00 (247.70 to 248.70): E

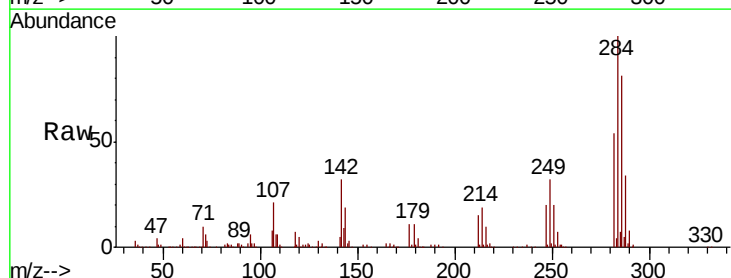
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 40.466 ng  
RT: 10.88 min Scan# 1495  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.5  | 23.7  | 35.5  |
| 249     | 31.9  | 25.0  | 37.6  |

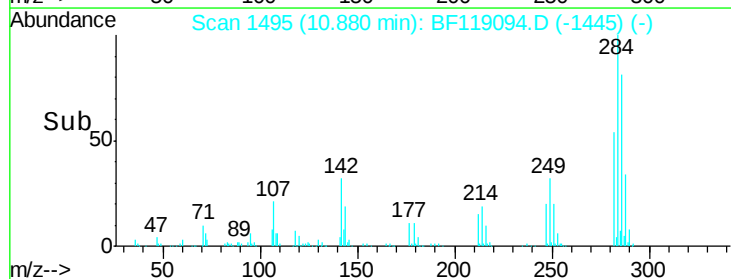
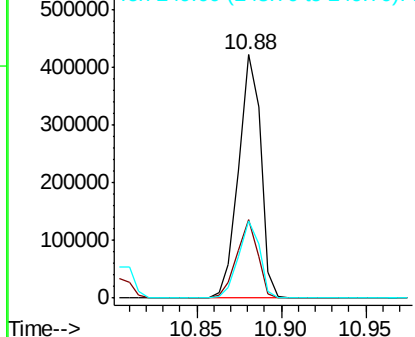


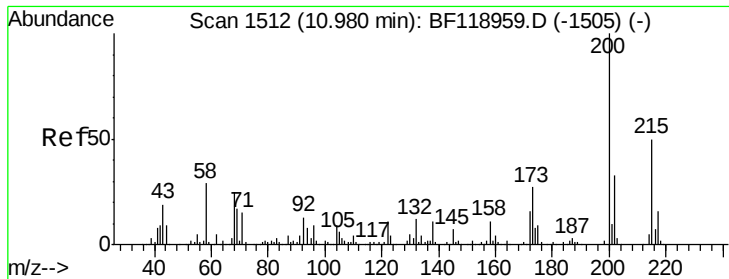
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

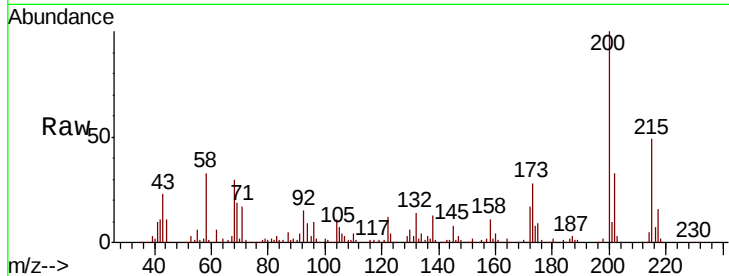




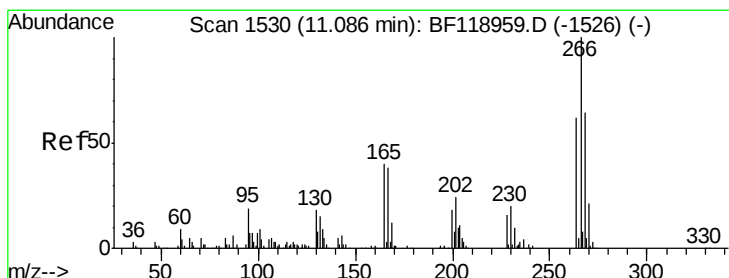
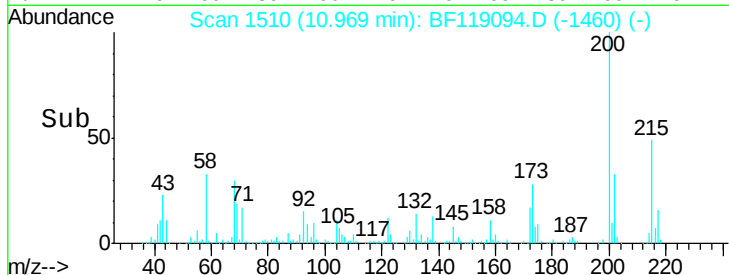
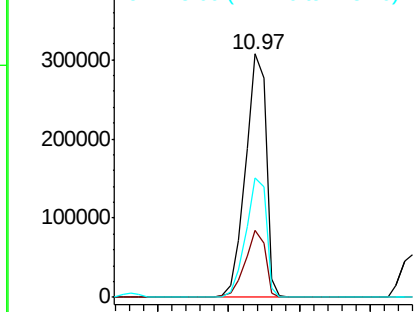
#69  
Atrazine  
Concen: 43.313 ng  
RT: 10.97 min Scan# 1510  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.5  | 6.4   | 46.4  |
| 215     | 48.9  | 27.4  | 67.4  |

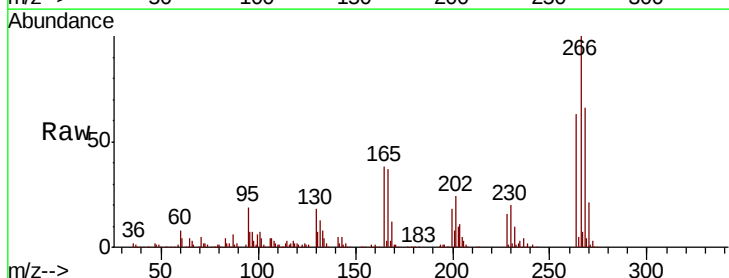


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

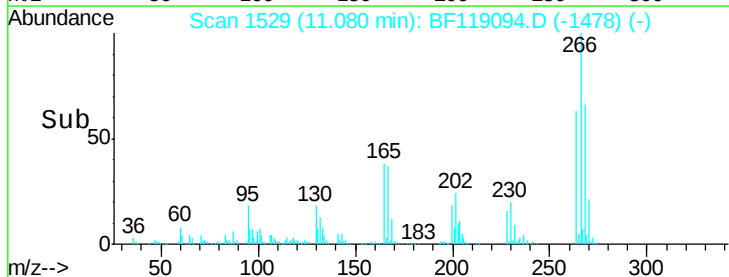
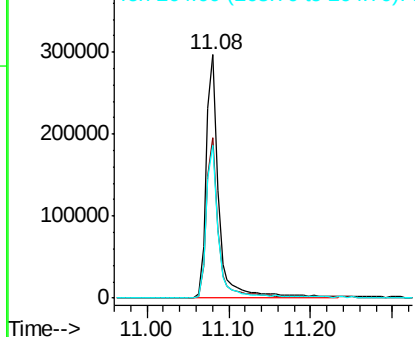


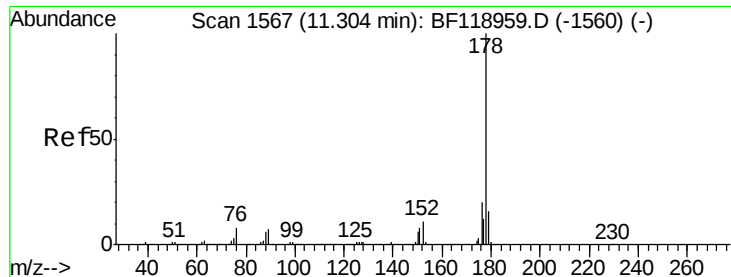
#70  
Pentachlorophenol  
Concen: 83.689 ng  
RT: 11.08 min Scan# 1529  
Delta R.T. -0.00 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.6  | 51.9  | 77.9  |
| 264     | 62.8  | 51.0  | 76.4  |



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

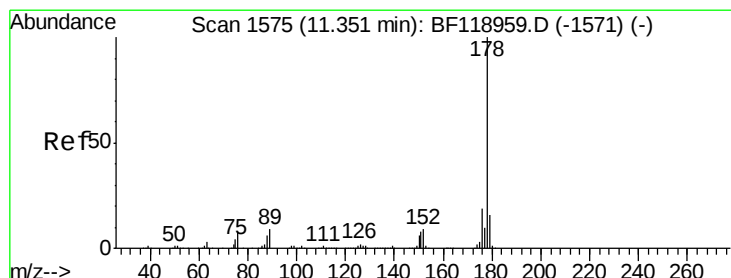
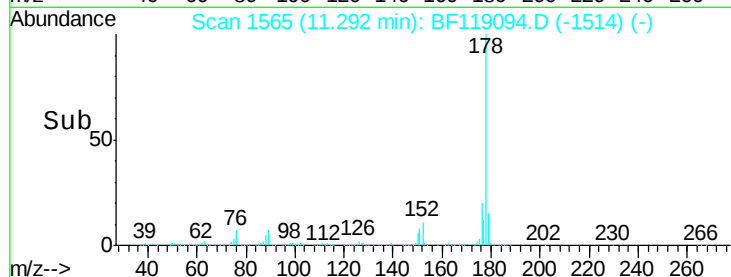
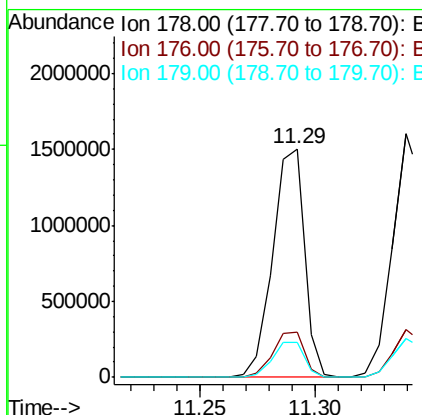
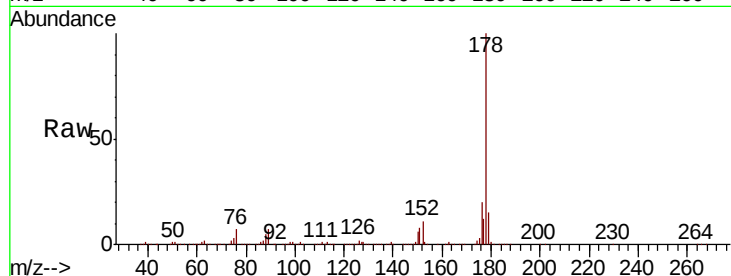




#71  
Phenanthrene  
Concen: 41.616 ng  
RT: 11.29 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

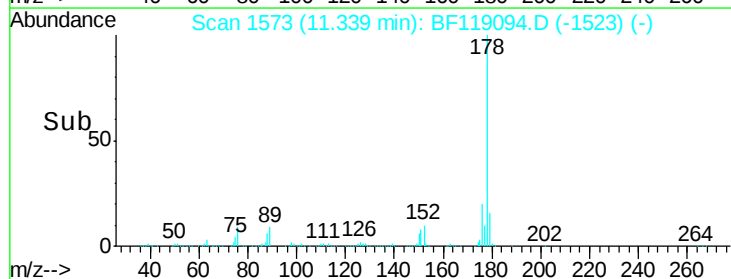
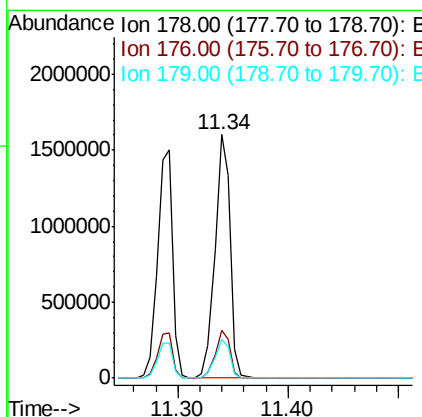
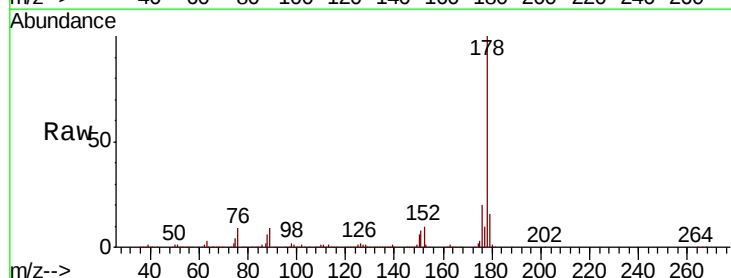
Instrument :  
BNA\_F  
ClientSampleId :

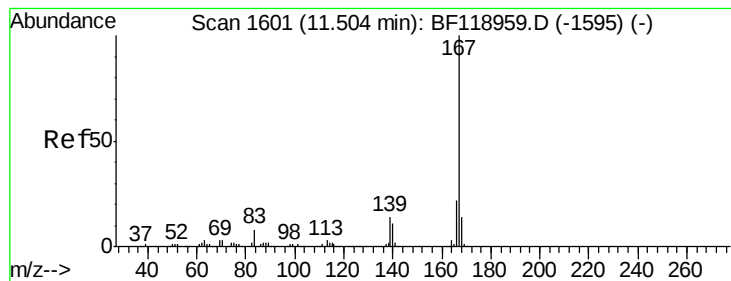
Tot Ion:178 Resp: 1438551  
Ion Ratio Lower Upper  
178 100  
176 19.9 16.5 24.7  
179 15.5 13.0 19.6



#72  
Anthracene  
Concen: 43.622 ng  
RT: 11.34 min Scan# 1573  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

Tgt Ion:178 Resp: 1506636  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.0 24.0  
179 16.2 13.1 19.7





#73

Carbazole

Concen: 41.652 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

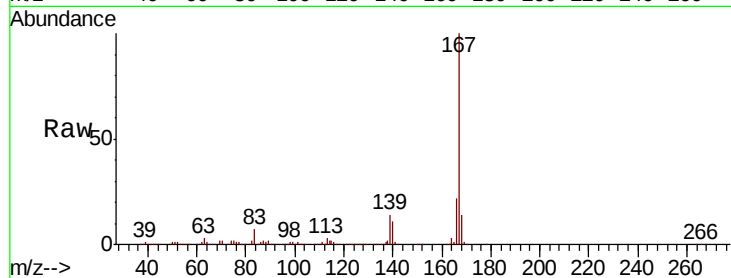
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:167 Resp: 1281630

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.1  | 18.2  | 27.4  |
| 139 | 13.6  | 11.7  | 17.5  |

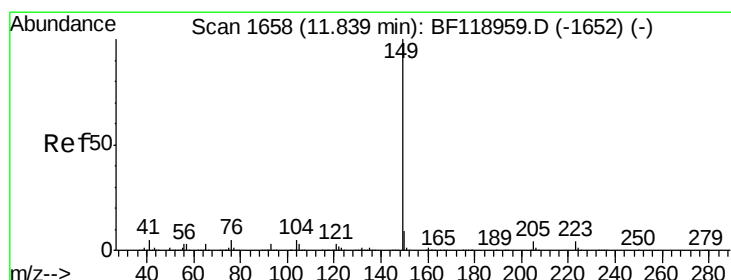
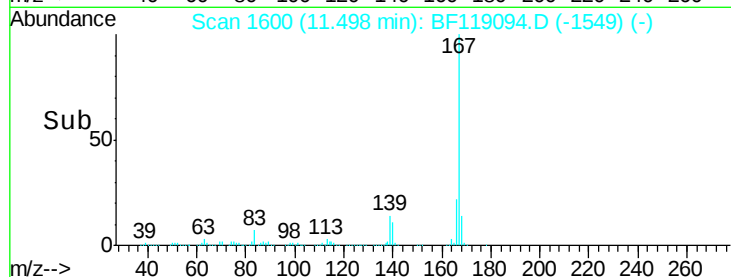
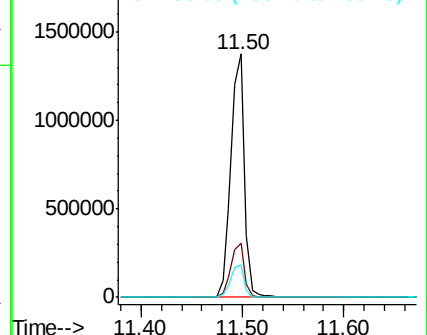


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.871 ng

RT: 11.83 min Scan# 1656

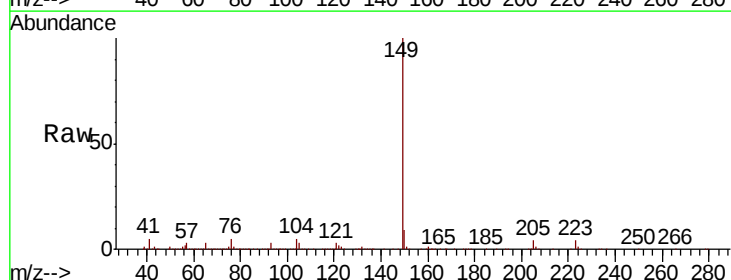
Delta R.T. -0.00 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Tgt Ion:149 Resp: 1634757

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.4   | 7.9   | 11.9  |
| 104 | 4.9   | 4.6   | 6.8   |

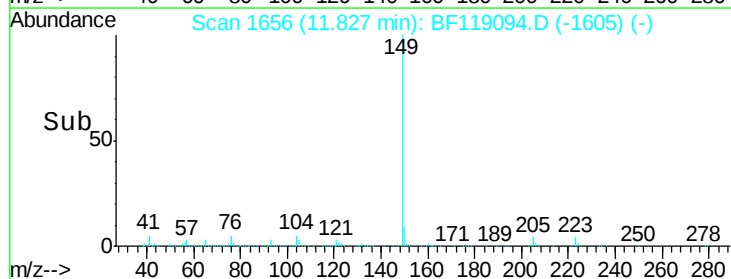
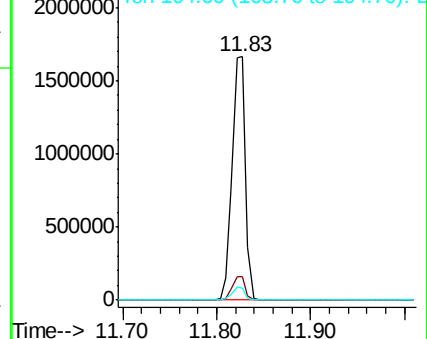


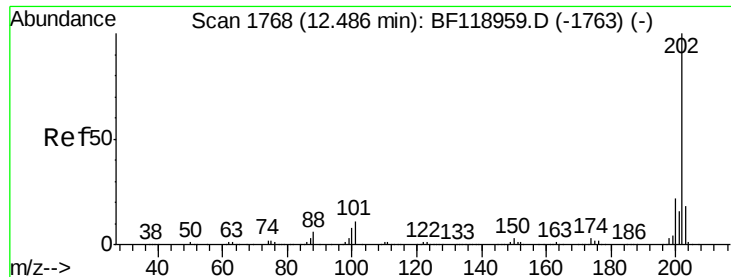
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

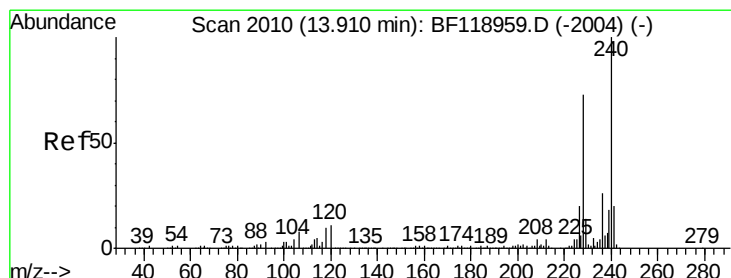
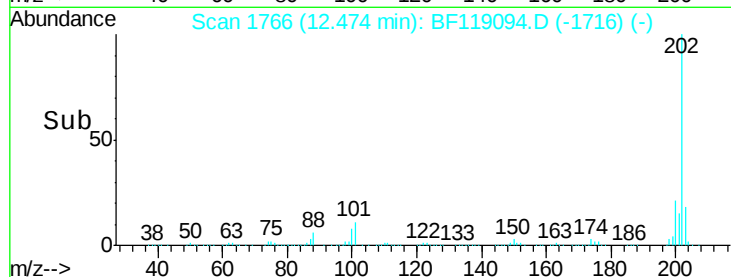
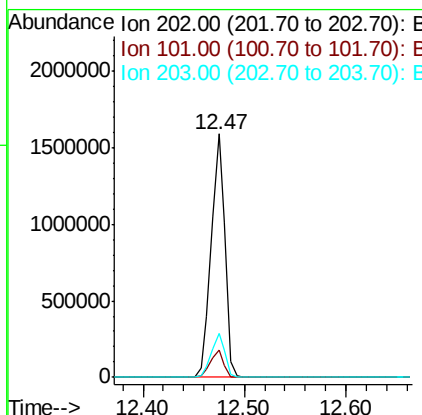
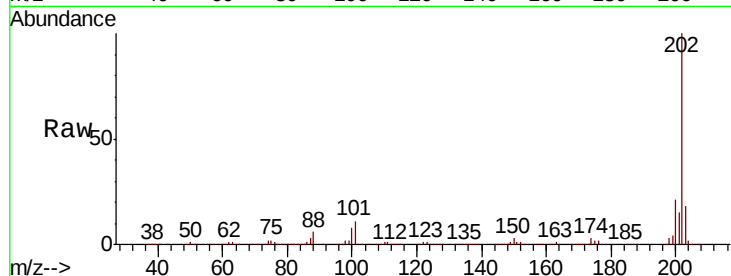




#75  
Fluoranthene  
Concen: 40.989 ng  
RT: 12.47 min Scan# 1766  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

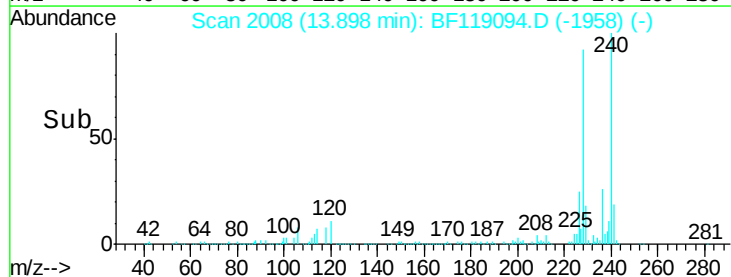
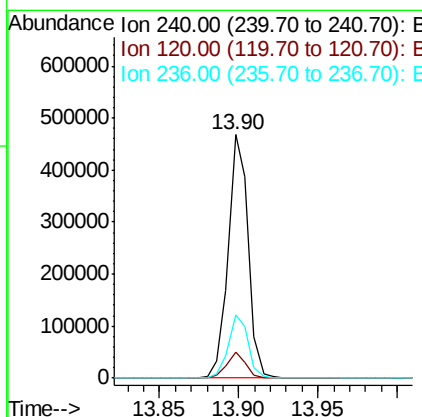
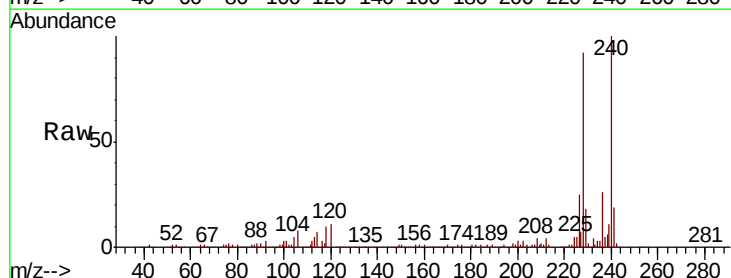
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:202 Resp: 1503971  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 30.3  
203 18.2 0.0 38.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.90 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

Tgt Ion:240 Resp: 406854  
Ion Ratio Lower Upper  
240 100  
120 10.9 8.4 12.6  
236 26.1 21.0 31.4





#77

Benzidine

Concen: 40.303 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampled :

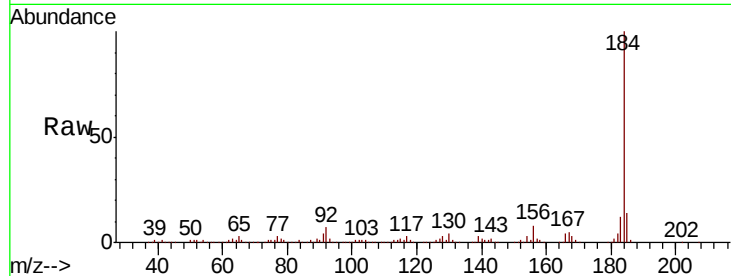
Tot Ion:184 Resp: 666876

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.4

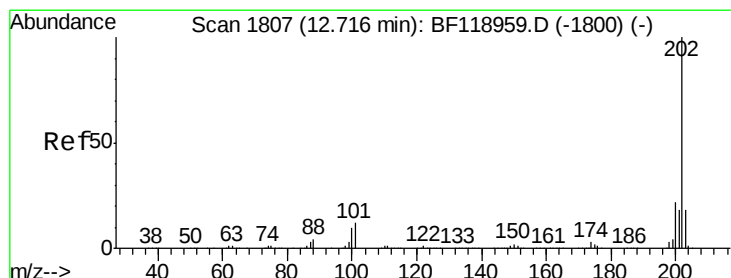
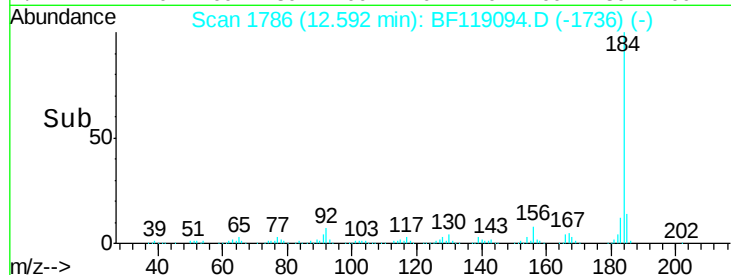
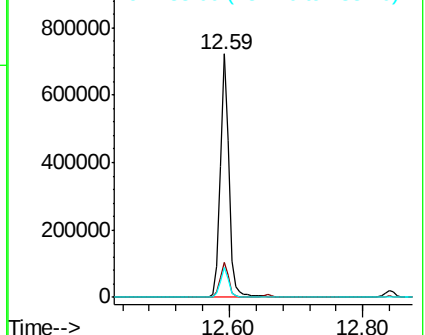
183 12.4 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.417 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

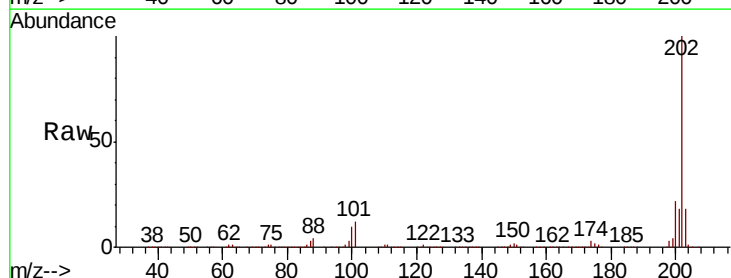
Tgt Ion:202 Resp: 1483756

Ion Ratio Lower Upper

202 100

200 22.1 18.0 27.0

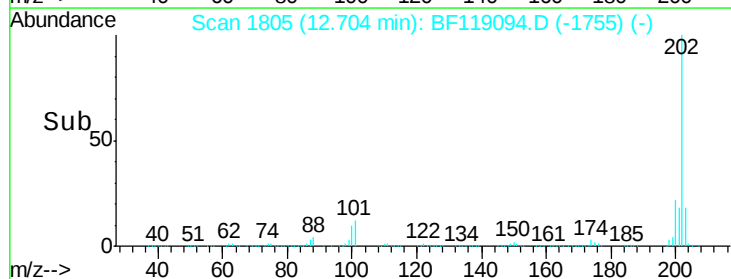
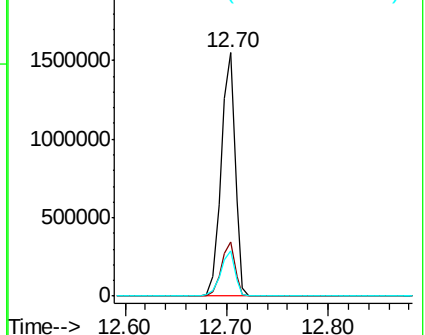
203 18.3 14.6 22.0



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: 61.572 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampleId :

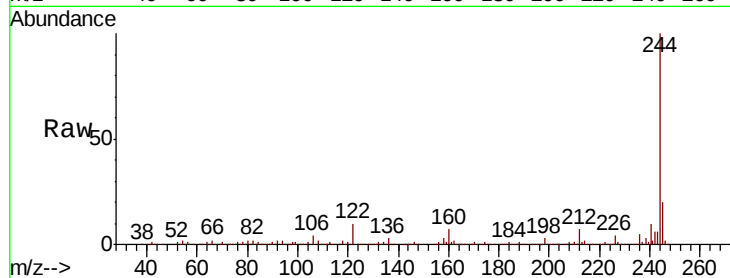
Tot Ion:244 Resp: 1455021

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.5   | 6.6   | 10.0  |
| 122 | 10.3  | 8.2   | 12.2  |

244 100

212 7.5 6.6 10.0

122 10.3 8.2 12.2

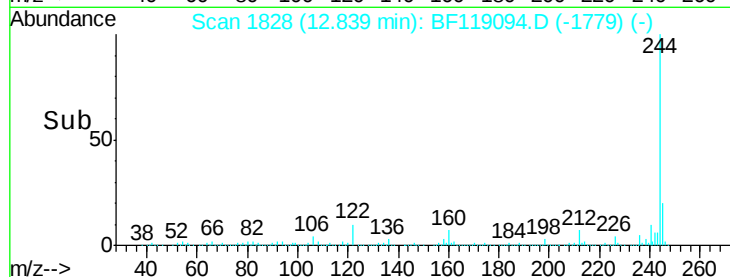


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



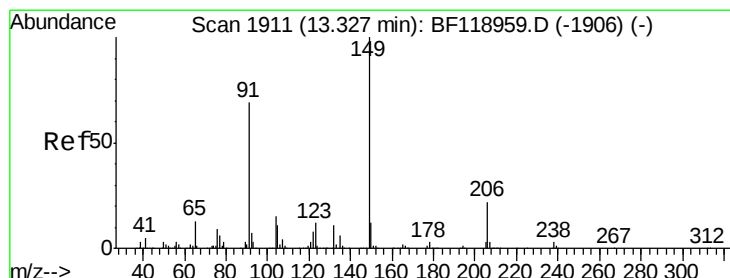
Abundance

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

Time-->



#80

Butylbenzylphthalate

Concen: 46.117 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

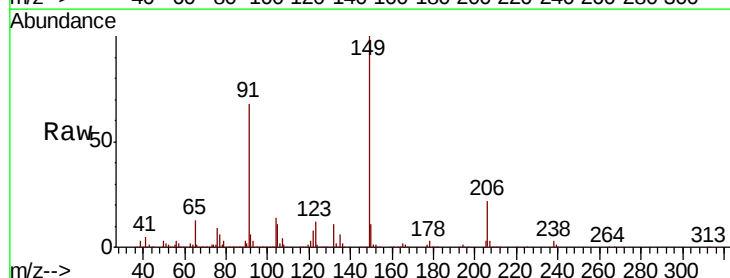
Tgt Ion:149 Resp: 634095

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 67.7  | 52.3  | 78.5  |
| 206 | 21.7  | 18.5  | 27.7  |

149 100

91 67.7 52.3 78.5

206 21.7 18.5 27.7

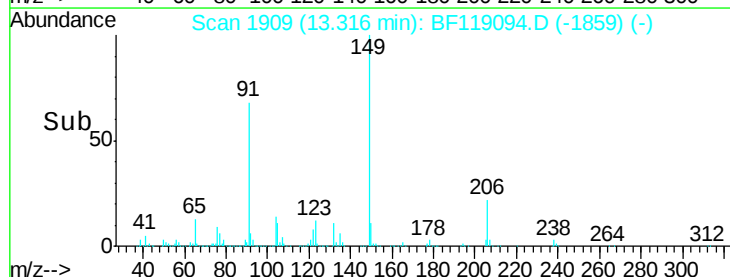


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

Time-->



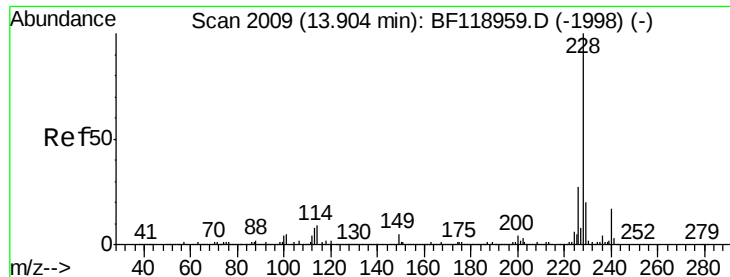
Abundance

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

Time-->



#81

Benzo(a)anthracene

Concen: 41.140 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Instrument :

BNA\_F

ClientSampleId :

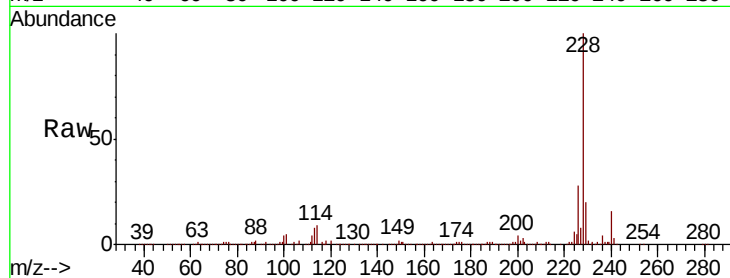
Tot Ion:228 Resp: 1140462

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

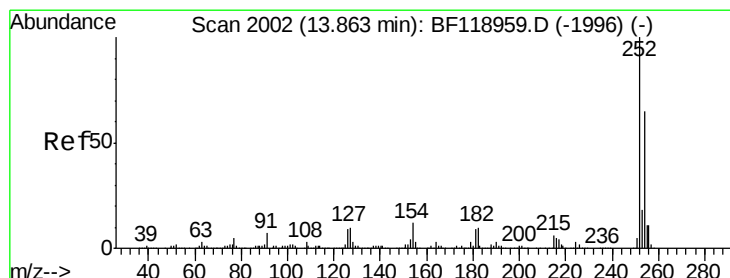
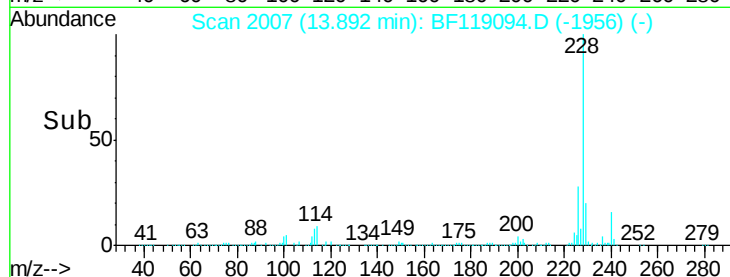
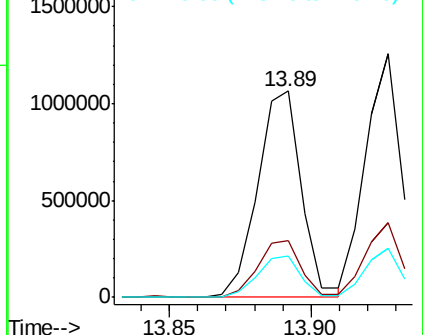
229 20.3 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.746 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

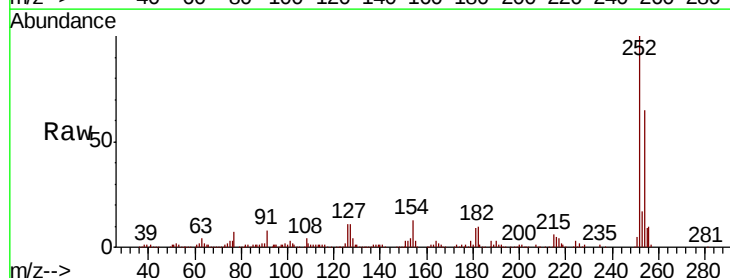
Tgt Ion:252 Resp: 277137

Ion Ratio Lower Upper

252 100

254 64.8 51.6 77.4

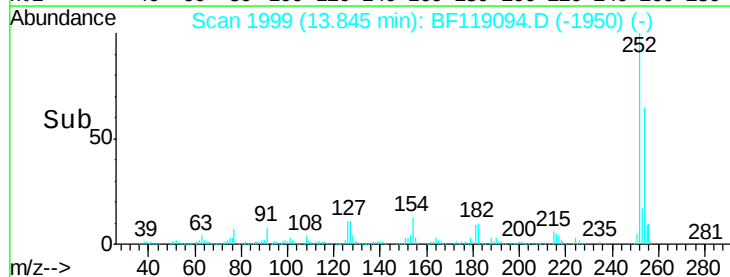
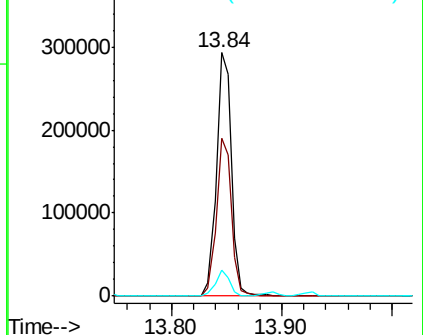
126 10.6 7.4 11.0

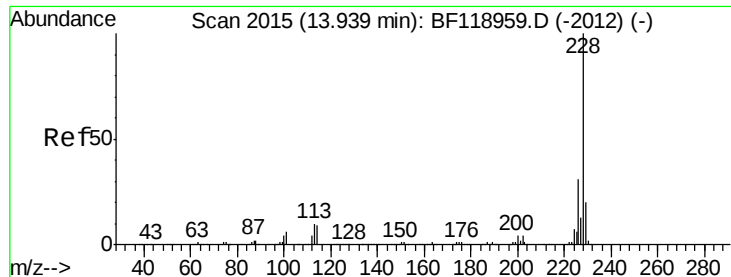


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



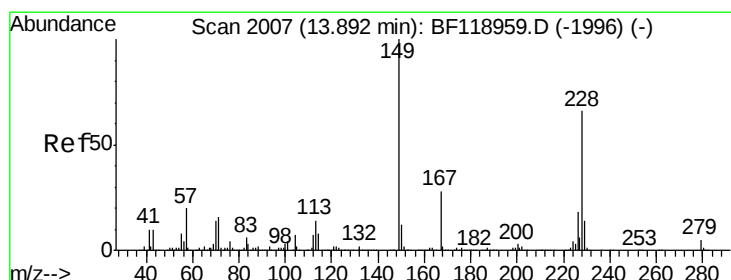
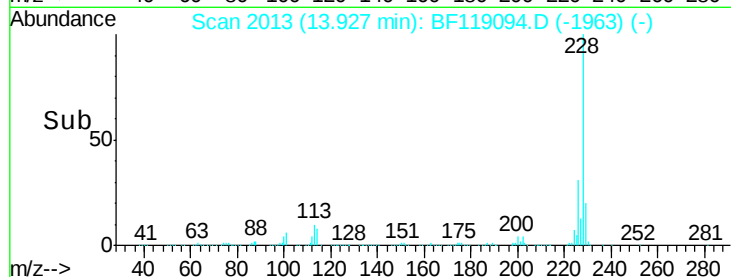
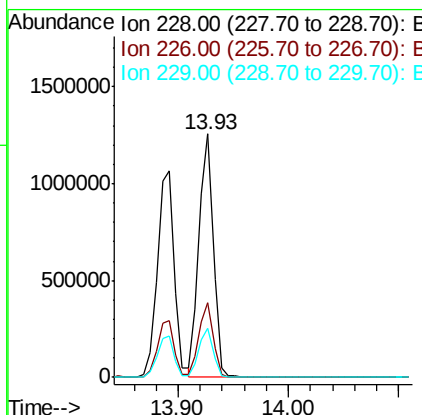
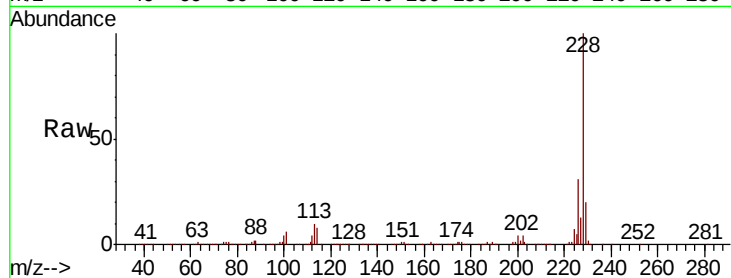


#83  
 Chrvsene  
 Concen: 40.068 ng  
 RT: 13.93 min Scan# 2013  
 Delta R.T. -0.01 min  
 Lab File: BF119094.D  
 Acq: 26 Feb 2020 14:55

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:228 Resp: 1106777  

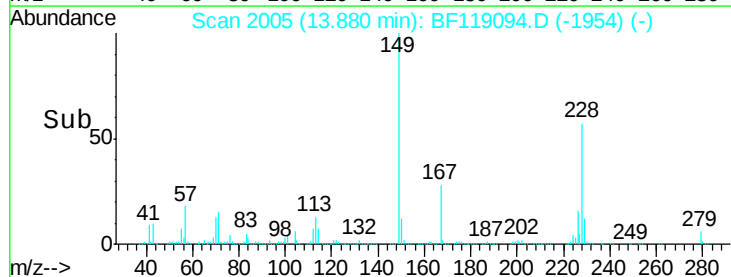
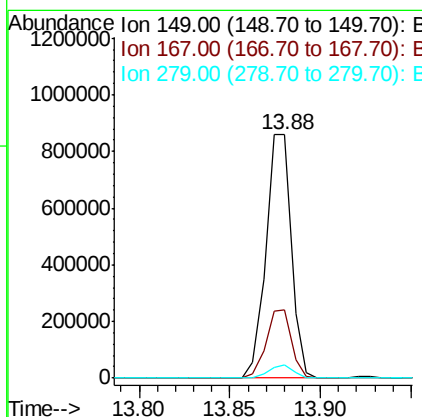
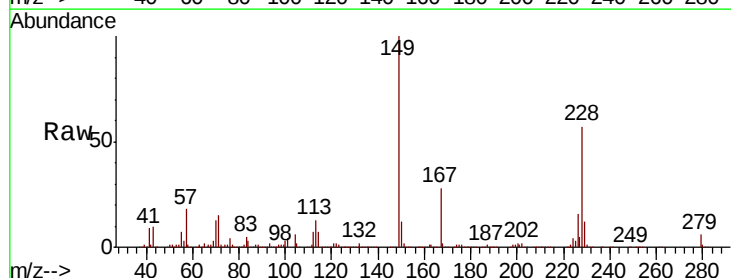
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.7  | 25.1  | 37.7  |
| 229 | 19.9  | 16.3  | 24.5  |

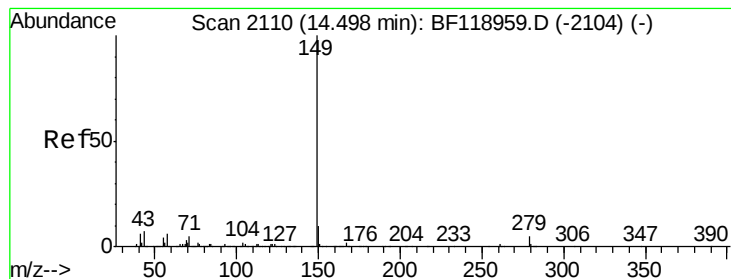


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 48.338 ng  
 RT: 13.88 min Scan# 2005  
 Delta R.T. -0.00 min  
 Lab File: BF119094.D  
 Acq: 26 Feb 2020 14:55

Tgt Ion:149 Resp: 839680  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.1  | 22.8  | 34.2  |
| 279 | 5.7   | 4.6   | 6.8   |





#85

Di-n-octyl phthalate

Concen: 45.475 ng

RT: 14.49 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

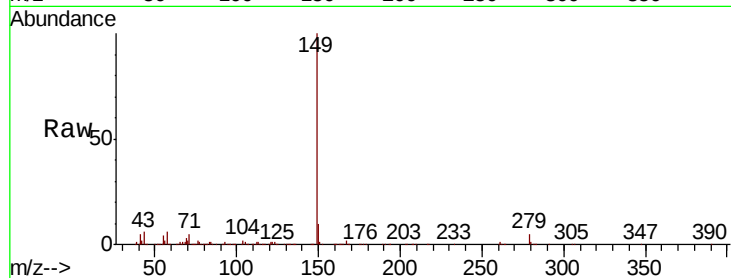
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:149 Resp: 1258627

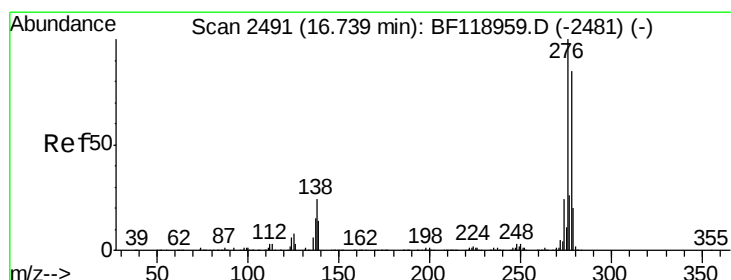
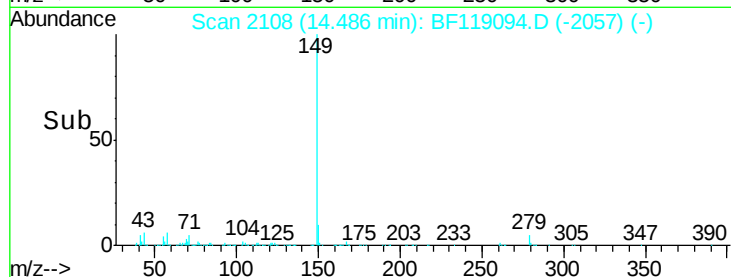
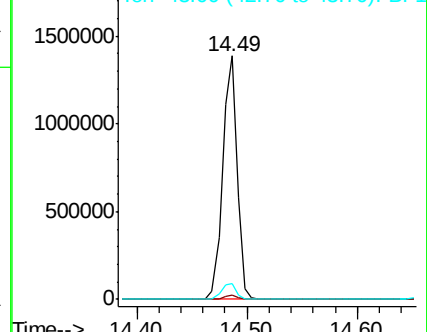
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.7   | 1.3   | 1.9   |
| 43  | 6.6   | 5.7   | 8.5   |



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.638 ng

RT: 16.73 min Scan# 2489

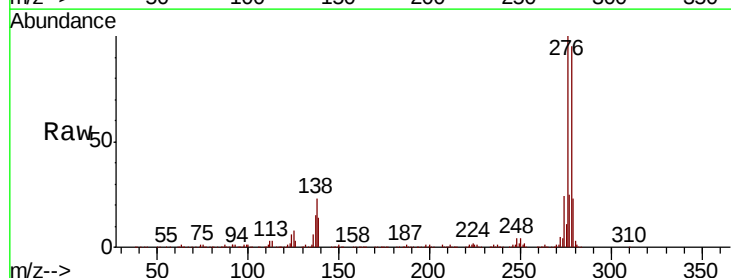
Delta R.T. -0.01 min

Lab File: BF119094.D

Acq: 26 Feb 2020 14:55

Tgt Ion:276 Resp: 1140397

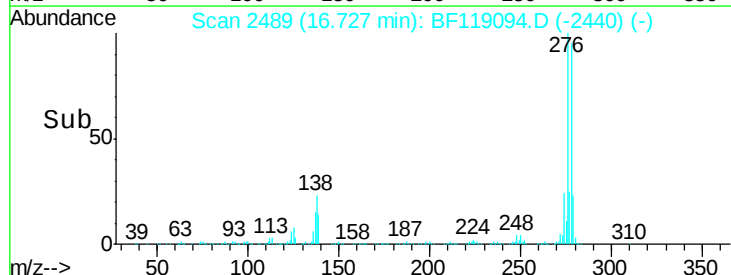
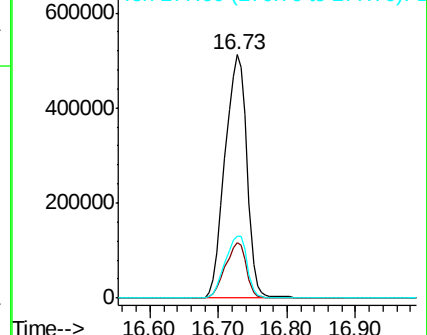
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 21.9  | 17.4  | 26.0  |
| 277 | 25.6  | 20.3  | 30.5  |

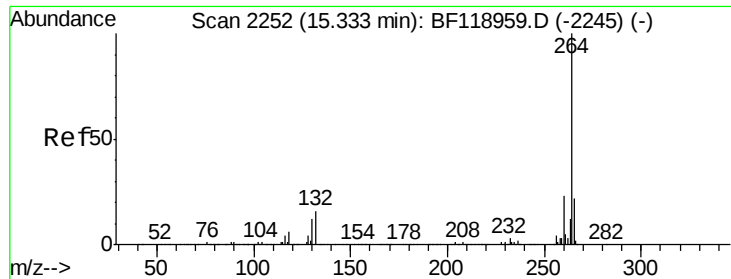


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

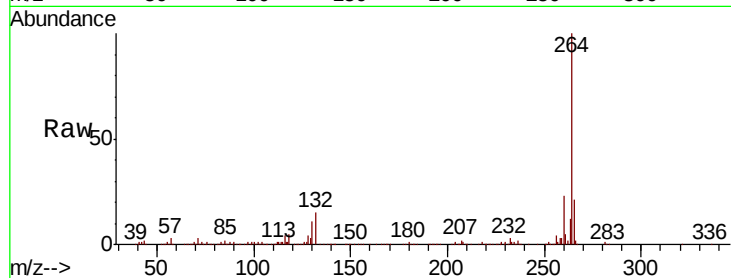




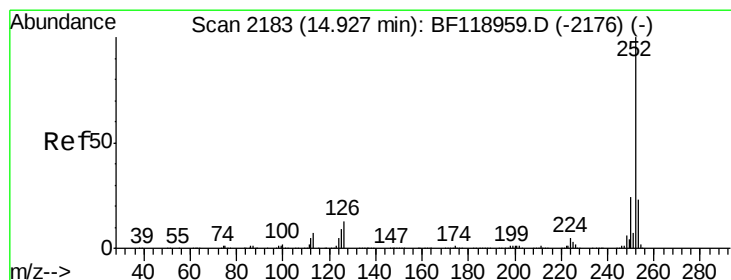
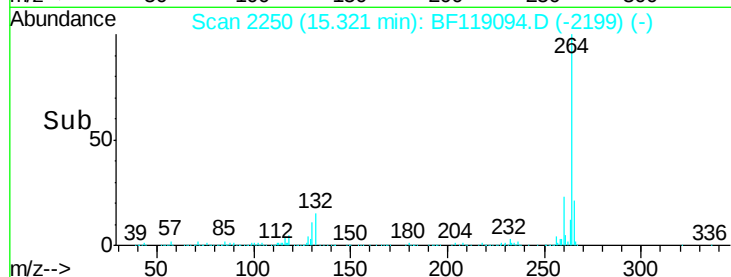
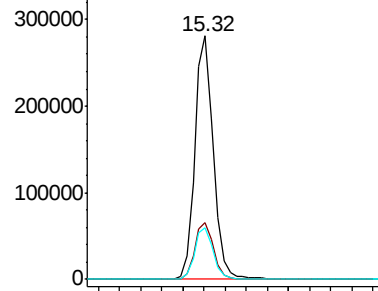
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.32 min Scan# 2250  
Delta R.T. -0.00 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 19.4  | 29.2  |
| 265     | 21.1  | 17.7  | 26.5  |

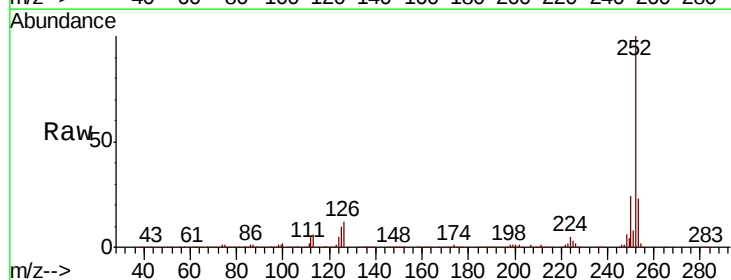


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

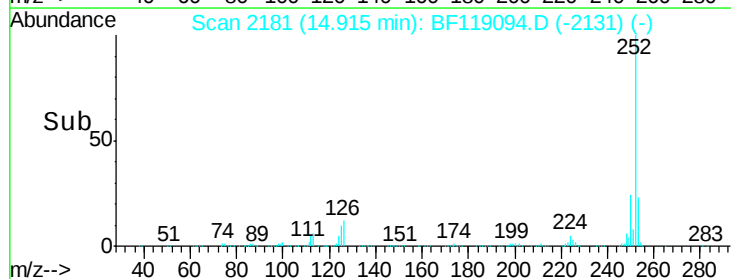
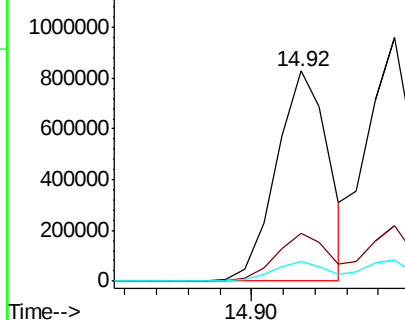


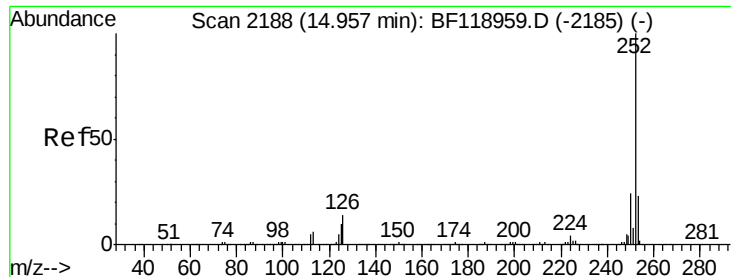
#88  
Benzo(b)fluoranthene  
Concen: 41.761 ng  
RT: 14.92 min Scan# 2181  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.1  | 27.1  |
| 125     | 9.5   | 7.4   | 11.0  |



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

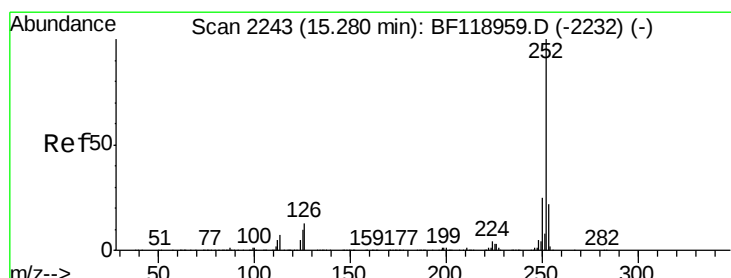
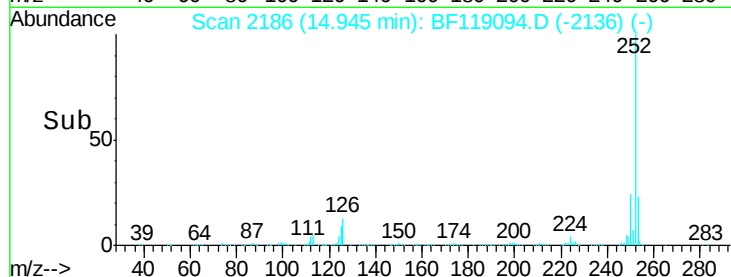
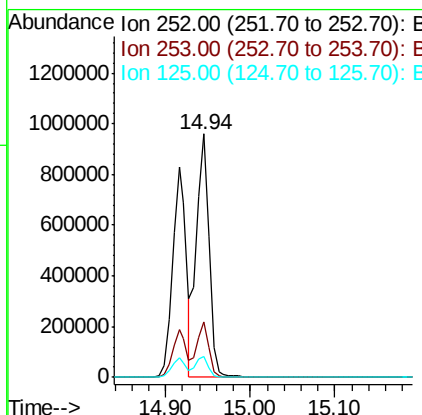
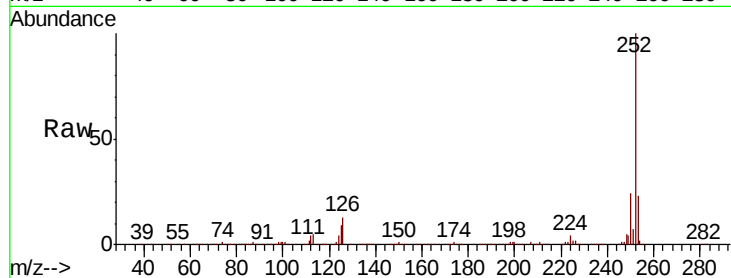




#89  
Benzo(k)fluoranthene  
Concen: 46.526 ng  
RT: 14.94 min Scan# 2186  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

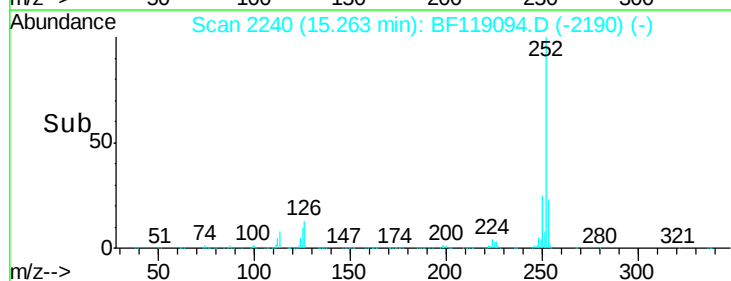
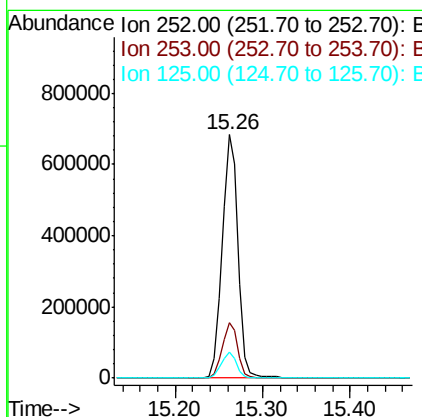
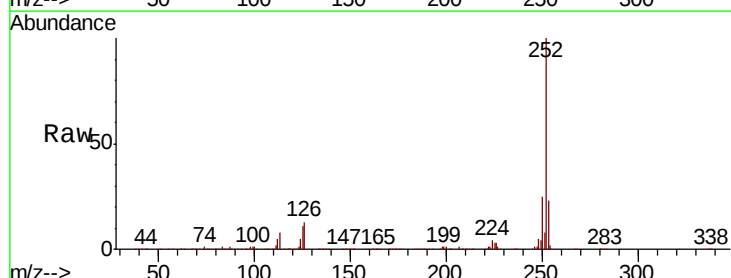
Instrument :  
BNA\_F  
ClientSampleId :

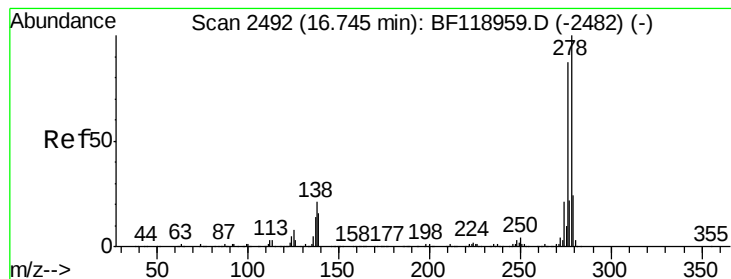
Tot Ion:252 Resp: 976127  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.8  
125 8.8 7.5 11.3



#90  
Benzo(a)pyrene  
Concen: 42.083 ng  
RT: 15.26 min Scan# 2240  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

Tgt Ion:252 Resp: 859869  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.0 27.0  
125 10.5 8.6 12.8

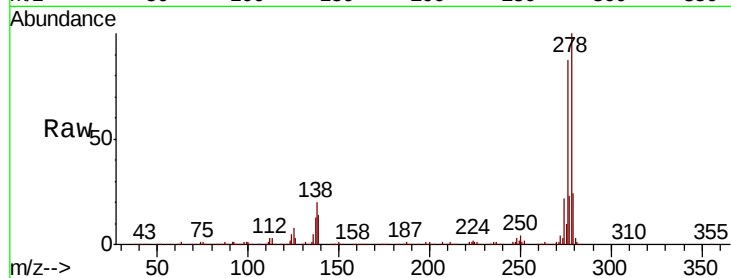




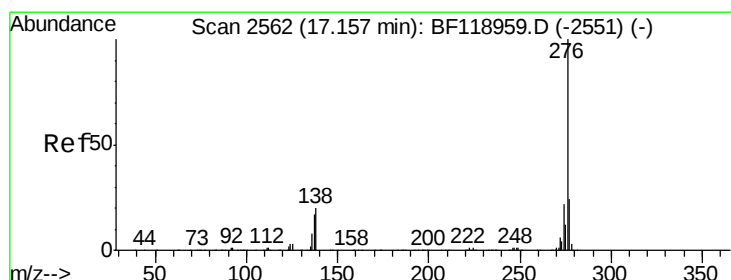
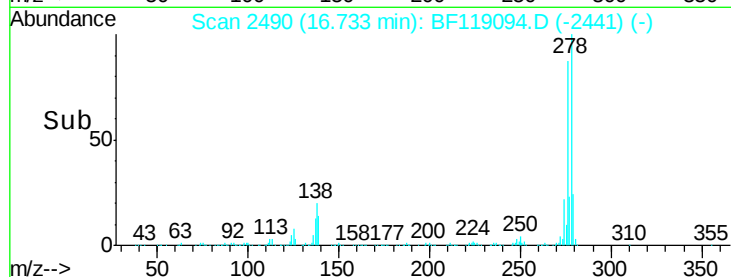
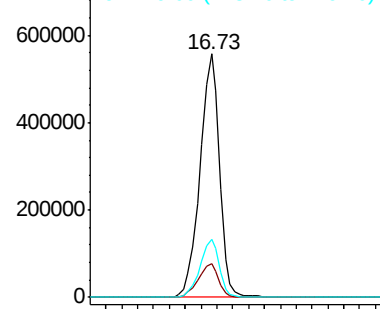
#91  
Dibenzo(a,h)anthracene  
Concen: 52.870 ng  
RT: 16.73 min Scan# 2490  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 950512  
Ion Ratio Lower Upper  
278 100  
139 14.0 11.0 16.4  
279 23.9 18.6 28.0

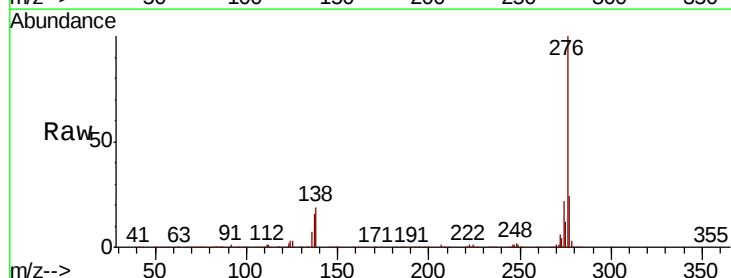


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 56.403 ng  
RT: 17.14 min Scan# 2560  
Delta R.T. -0.01 min  
Lab File: BF119094.D  
Acq: 26 Feb 2020 14:55

Tgt Ion:276 Resp: 1001910  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.7 28.1  
138 18.8 14.3 21.5



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

