

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\  
 Data File : BF118750.D  
 Acq On : 30 Jan 2020 14:41  
 Operator : CG/JU  
 Sample : PB126456BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 30 22:06:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 27 14:24:10 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.84  | 152  | 308561   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.13  | 136  | 1179498  | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 9.88  | 164  | 686997   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 11.37 | 188  | 1306651  | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 14.01 | 240  | 1002642  | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.46 | 264  | 1007412  | 20.00 | ng    | -0.02    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.47  | 112 | 1685114 | 101.43 | ng | 0.00  |
| 7) Phenol-d6                | 6.47  | 99  | 2139912 | 99.10  | ng | -0.02 |
| 23) Nitrobenzene-d5         | 7.40  | 82  | 1248285 | 59.20  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330 | 857746  | 107.95 | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 9.20  | 172 | 2631440 | 62.96  | ng | -0.02 |
| 79) Terphenyl-d14           | 12.95 | 244 | 3259906 | 70.91  | ng | -0.01 |

|                                |      |     |         |        |        |      |
|--------------------------------|------|-----|---------|--------|--------|------|
| Target Compounds               |      |     |         |        | Qvalue |      |
| 2) 1,4-Dioxane                 | 2.70 | 88  | 270671  | 33.637 | ng     | 100  |
| 3) Pyridine                    | 3.45 | 79  | 669271  | 29.509 | ng     | 99   |
| 4) n-Nitrosodimethylamine      | 3.39 | 42  | 281495  | 28.950 | ng     | 100  |
| 6) Aniline                     | 6.50 | 93  | 790702  | 27.809 | ng     | 100  |
| 8) 2-Chlorophenol              | 6.63 | 128 | 723477  | 38.797 | ng     | 99   |
| 9) Benzaldehyde                | 6.39 | 77  | 371567  | 28.294 | ng     | 97   |
| 10) Phenol                     | 6.49 | 94  | 864238  | 35.119 | ng     | 99   |
| 11) bis(2-Chloroethyl)ether    | 6.57 | 93  | 670960  | 36.749 | ng     | 99   |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146 | 800290  | 36.666 | ng     | 99   |
| 13) 1,4-Dichlorobenzene        | 6.86 | 146 | 819886  | 37.421 | ng     | 99   |
| 14) 1,2-Dichlorobenzene        | 7.02 | 146 | 765300  | 37.157 | ng     | 98   |
| 15) Benzyl Alcohol             | 6.98 | 79  | 627340  | 36.634 | ng     | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.12 | 45  | 790165  | 31.071 | ng     | 99   |
| 17) 2-Methylphenol             | 7.09 | 107 | 592629  | 38.153 | ng     | 97   |
| 18) Hexachloroethane           | 7.36 | 117 | 287721  | 36.215 | ng     | 99   |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70  | 485030  | 33.265 | ng     | 98   |
| 20) 3+4-Methylphenols          | 7.25 | 107 | 718182  | 37.870 | ng     | 97   |
| 22) Acetophenone               | 7.25 | 105 | 938781  | 33.598 | ng     | # 98 |
| 24) Nitrobenzene               | 7.42 | 77  | 735438  | 34.061 | ng     | 99   |
| 25) Isophorone                 | 7.66 | 82  | 1381959 | 35.930 | ng     | 99   |
| 26) 2-Nitrophenol              | 7.74 | 139 | 399403  | 43.377 | ng     | 99   |
| 27) 2,4-Dimethylphenol         | 7.77 | 122 | 678477  | 42.672 | ng     | 99   |
| 28) bis(2-Chloroethoxy)methane | 7.87 | 93  | 859762  | 34.692 | ng     | 99   |
| 29) 2,4-Dichlorophenol         | 7.98 | 162 | 659548  | 37.524 | ng     | 99   |
| 30) 1,2,4-Trichlorobenzene     | 8.07 | 180 | 729479  | 35.794 | ng     | 100  |
| 31) Naphthalene                | 8.15 | 128 | 2073951 | 38.924 | ng     | 99   |
| 32) Benzoic acid               | 7.90 | 122 | 444851  | 37.279 | ng     | 95   |
| 33) 4-Chloroaniline            | 8.19 | 127 | 492688  | 20.006 | ng     | 98   |
| 34) Hexachlorobutadiene        | 8.27 | 225 | 434288  | 34.992 | ng     | 99   |
| 35) Caprolactam                | 8.56 | 113 | 109969  | 19.118 | ng     | 96   |
| 36) 4-Chloro-3-methylphenol    | 8.67 | 107 | 669394  | 38.566 | ng     | 99   |
| 37) 2-Methylnaphthalene        | 8.84 | 142 | 1474823 | 39.214 | ng     | 100  |
| 38) 1-Methylnaphthalene        | 8.94 | 142 | 1391090 | 38.933 | ng     | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.01 | 216 | 720522  | 33.519 | ng     | 99   |

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 Operator : CG/JU  
 Sample : PB126456BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

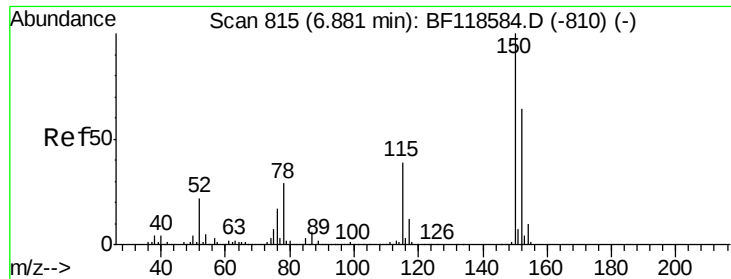
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 30 22:06:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 27 14:24:10 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.00  | 237  | 851048   | 78.472 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.12  | 196  | 519743   | 36.437 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.16  | 196  | 536307   | 36.814 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 9.30  | 154  | 1783587  | 37.670 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.33  | 162  | 1441245  | 36.114 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.42  | 65   | 396116   | 32.289 | nq    | 98       |
| 49) Acenaphthylene             | 9.75  | 152  | 2223151  | 39.598 | nq    | 99       |
| 50) Dimethylphthalate          | 9.60  | 163  | 1730695  | 38.667 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.66  | 165  | 405943   | 40.502 | nq    | 94       |
| 52) Acenaphthene               | 9.92  | 154  | 1526581  | 40.664 | nq    | 100      |
| 53) 3-Nitroaniline             | 9.83  | 138  | 271575   | 23.729 | nq    | 96       |
| 54) 2,4-Dinitrophenol          | 9.94  | 184  | 390278   | 97.537 | nq    | 97       |
| 55) Dibenzofuran               | 10.09 | 168  | 2034432  | 39.105 | nq    | 100      |
| 56) 4-Nitrophenol              | 9.99  | 139  | 678942   | 78.585 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.07 | 165  | 539775   | 42.720 | nq    | 98       |
| 58) Fluorene                   | 10.43 | 166  | 1535819  | 37.604 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.20 | 232  | 472461   | 36.872 | nq    | 99       |
| 60) Diethylphthalate           | 10.30 | 149  | 1860692  | 42.876 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.42 | 204  | 817815   | 36.817 | nq    | 95       |
| 62) 4-Nitroaniline             | 10.45 | 138  | 392786   | 33.459 | nq    | 99       |
| 63) Azobenzene                 | 10.58 | 77   | 1514172  | 36.027 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.47 | 198  | 297964   | 51.859 | nq    | 88       |
| 66) n-Nitrosodiphenylamine     | 10.54 | 169  | 1455166  | 36.928 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.91 | 248  | 573129   | 35.503 | nq    | 96       |
| 68) Hexachlorobenzene          | 10.98 | 284  | 647001   | 35.351 | nq    | 97       |
| 69) Atrazine                   | 11.07 | 200  | 547187   | 40.063 | nq    | 99       |
| 70) Pentachlorophenol          | 11.17 | 266  | 705731   | 69.354 | nq    | 99       |
| 71) Phenanthrene               | 11.39 | 178  | 2375569  | 37.684 | nq    | 100      |
| 72) Anthracene                 | 11.45 | 178  | 2419821  | 38.794 | nq    | 99       |
| 73) Carbazole                  | 11.59 | 167  | 2104769  | 36.788 | nq    | 100      |
| 74) Di-n-butylphthalate        | 11.93 | 149  | 2660868  | 41.860 | nq    | 100      |
| 75) Fluoranthene               | 12.58 | 202  | 2557066  | 38.459 | nq    | 100      |
| 77) Benzidine                  | 12.70 | 184  | 1529559  | 57.095 | nq    | 99       |
| 78) Pyrene                     | 12.81 | 202  | 2575897  | 37.842 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.43 | 149  | 1156359  | 41.508 | nq    | 95       |
| 81) Benzo(a)anthracene         | 14.00 | 228  | 2226618  | 36.917 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.96 | 252  | 553014   | 25.731 | nq    | 99       |
| 83) Chrysene                   | 14.03 | 228  | 2208743  | 38.210 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 1557527  | 45.762 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.60 | 149  | 2638353  | 52.370 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.92 | 276  | 2013262  | 40.083 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 15.04 | 252  | 2301846  | 36.351 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.07 | 252  | 2107048  | 35.916 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.40 | 252  | 1949017  | 35.680 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.94 | 278  | 1697656  | 35.135 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.36 | 276  | 1619856  | 34.528 | nq    | 99       |

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



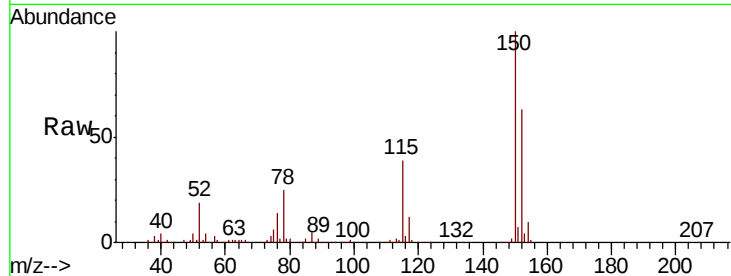


#1

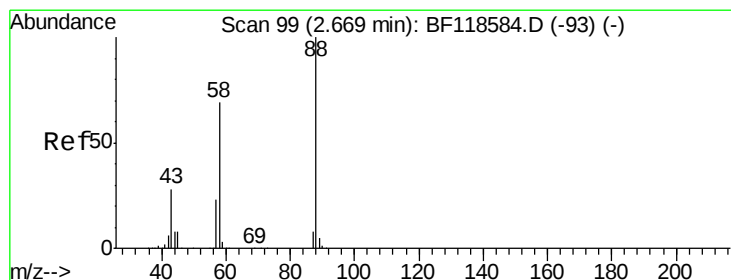
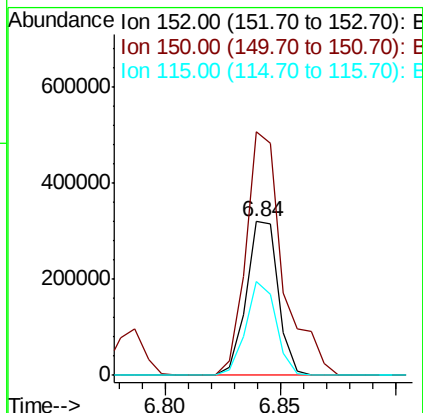
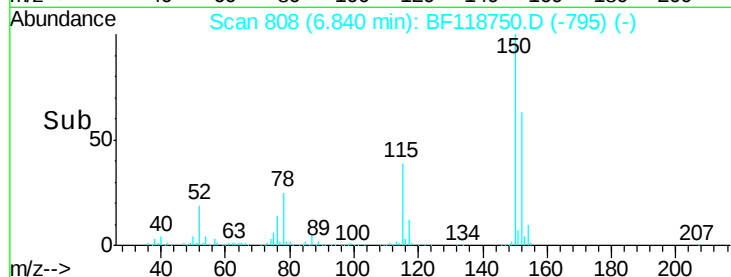
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.84 min Scan# 808  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.7 | 123.7 | 185.5 |
| 115     | 61.2  | 45.1  | 67.7  |



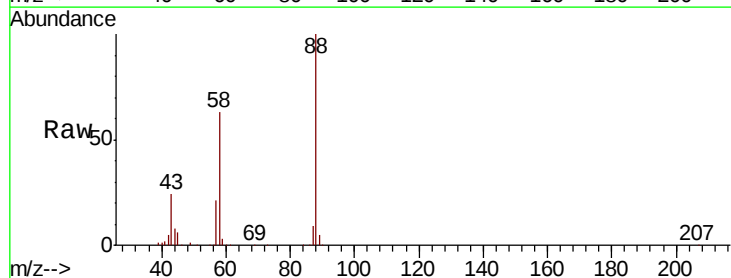
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



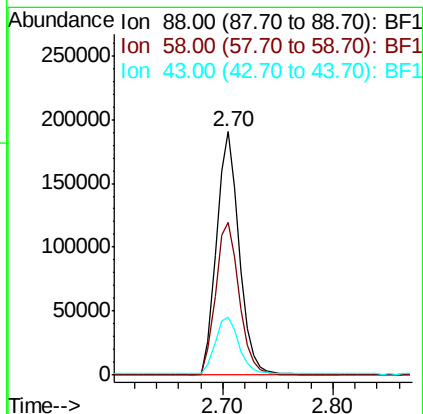
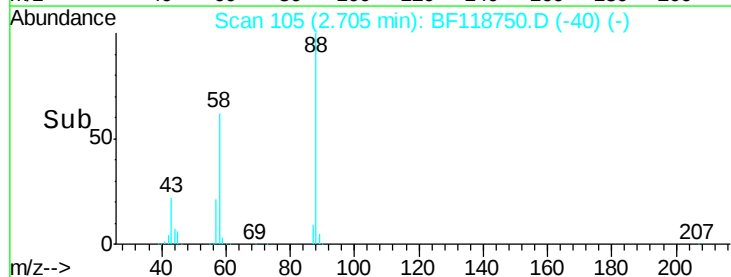
#2

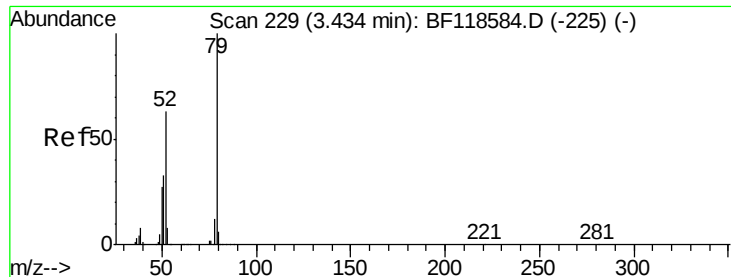
1,4-Dioxane  
Concen: 33.637 ng  
RT: 2.70 min Scan# 105  
Delta R.T. 0.08 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 65.0  | 51.9  | 77.9  |
| 43      | 24.2  | 19.3  | 28.9  |



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





#3

Pvridine

Concen: 29.509 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampleId :

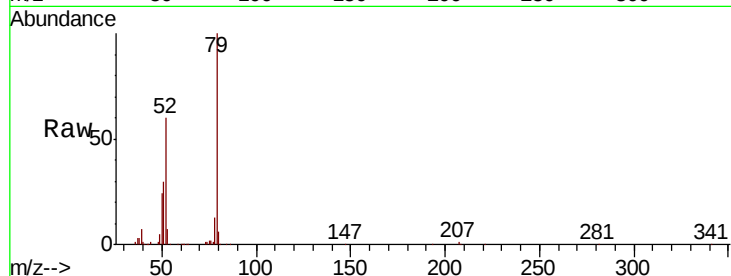
Tot Ion: 79 Resp: 669271

Ion Ratio Lower Upper

79 100

52 60.0 48.8 73.2

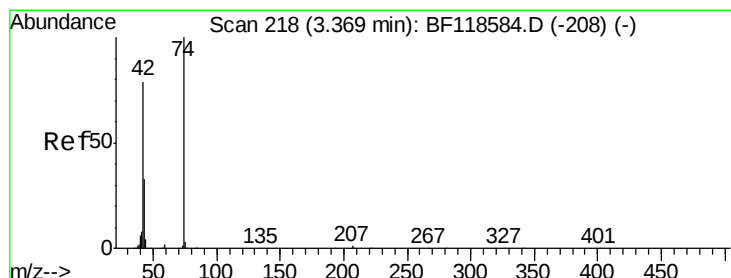
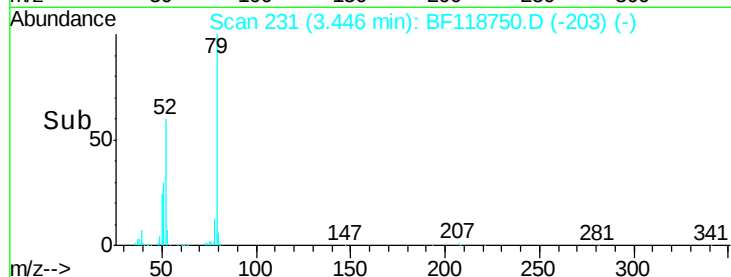
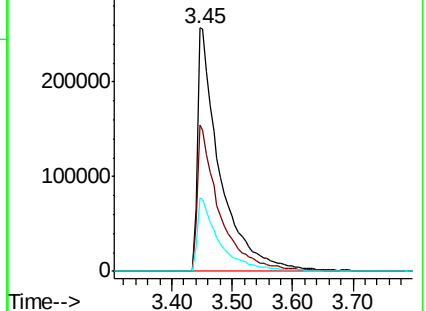
51 30.4 24.4 36.6



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: 28.950 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.06 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

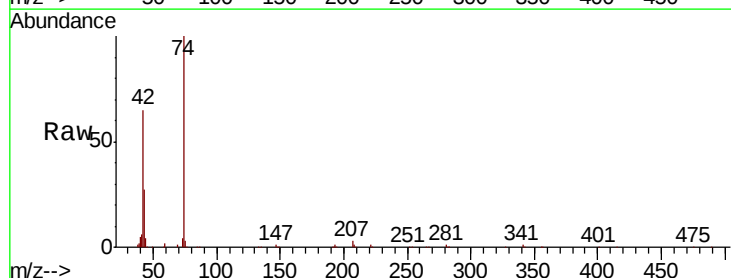
Tgt Ion: 42 Resp: 281495

Ion Ratio Lower Upper

42 100

74 154.8 123.5 185.3

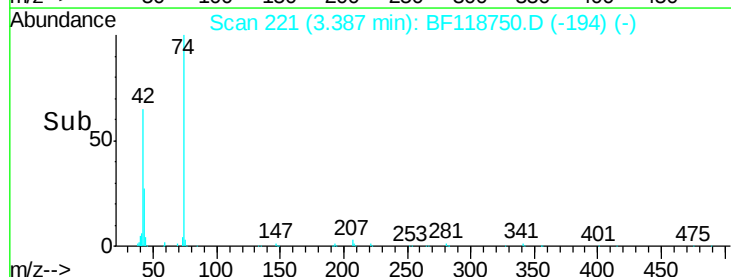
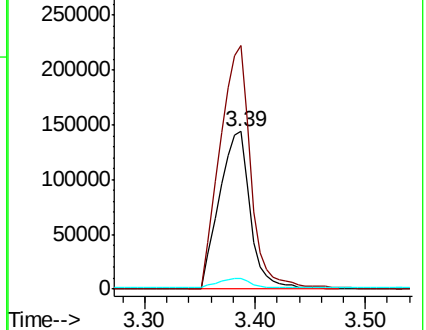
44 6.5 5.6 8.4

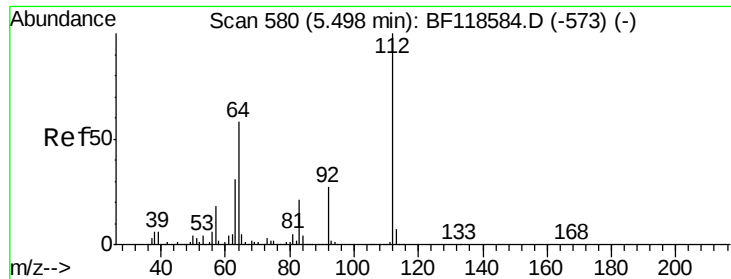


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 101.428 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampleId :

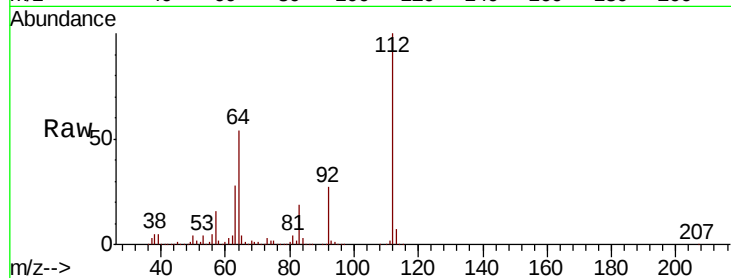
Tot Ion:112 Resp: 1685114

Ion Ratio Lower Upper

112 100

64 54.2 42.4 63.6

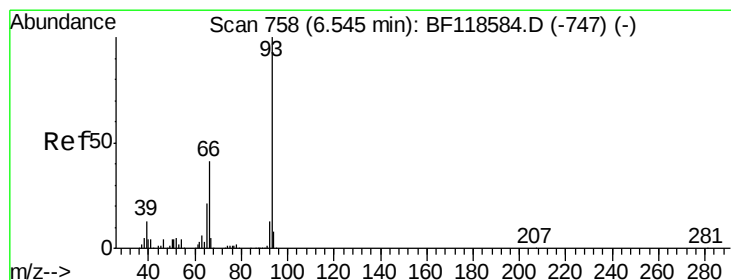
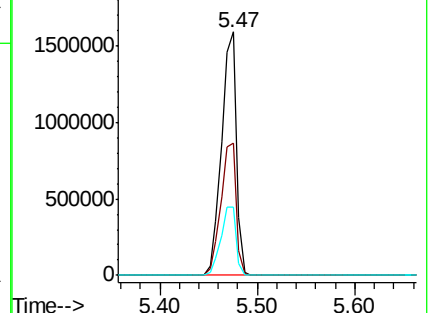
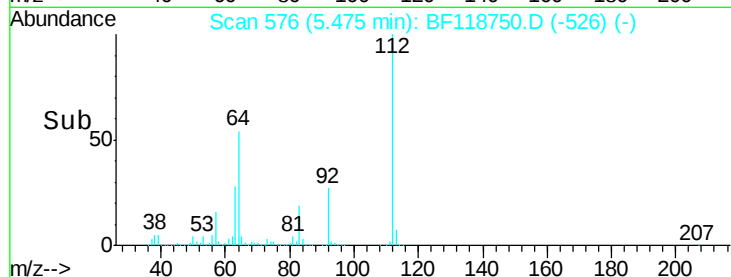
63 28.2 21.7 32.5



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: 27.809 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

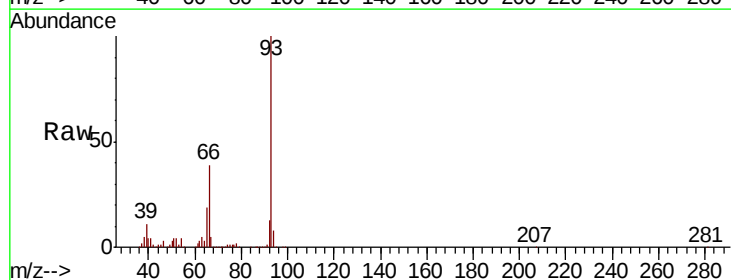
Tgt Ion: 93 Resp: 790702

Ion Ratio Lower Upper

93 100

66 39.3 31.3 46.9

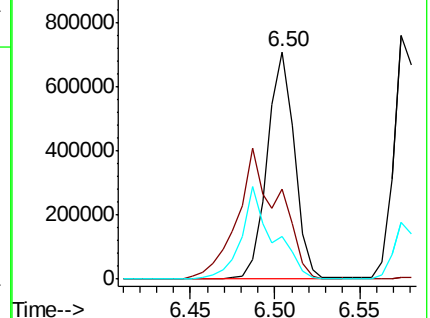
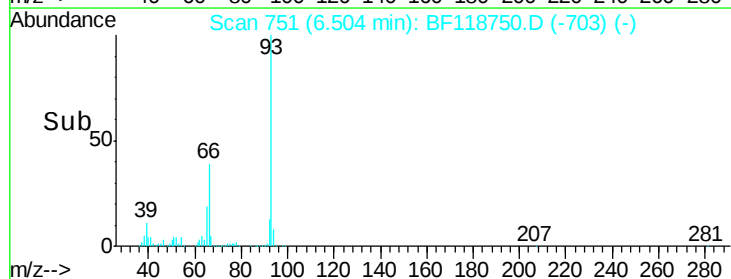
65 19.0 15.3 22.9

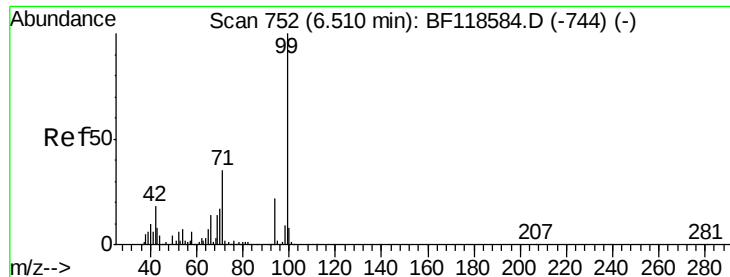


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.099 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

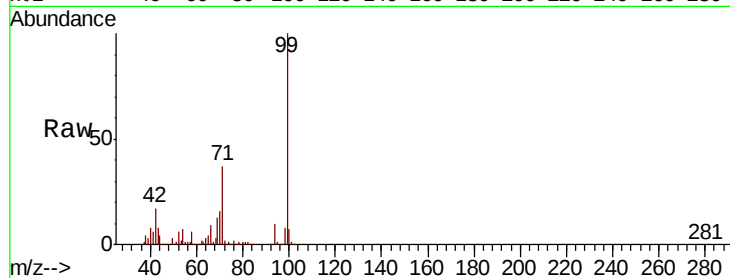
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 99 Resp: 2139912

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.1  | 13.1  | 19.7  |
| 71  | 36.9  | 28.4  | 42.6  |

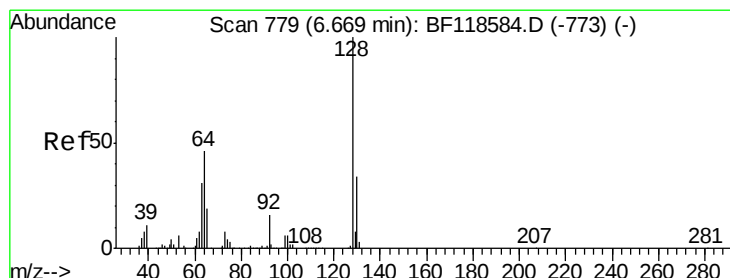
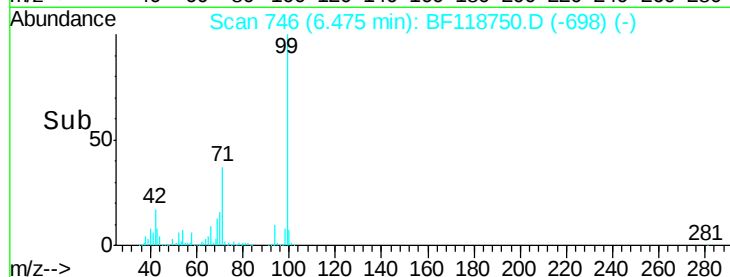
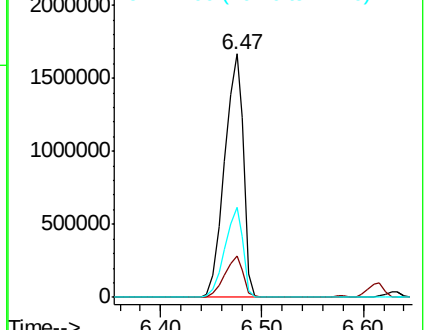


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.797 ng

RT: 6.63 min Scan# 772

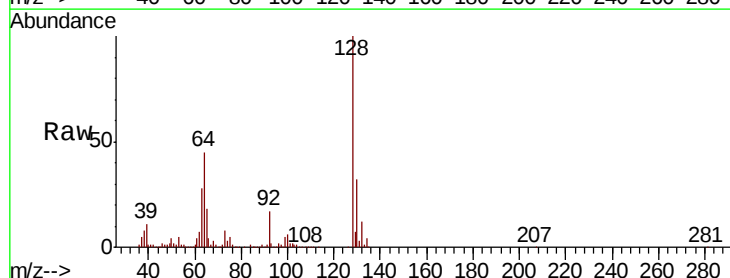
Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Tgt Ion: 128 Resp: 723477

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.4  | 12.8  | 52.8  |
| 64  | 45.2  | 24.5  | 64.5  |

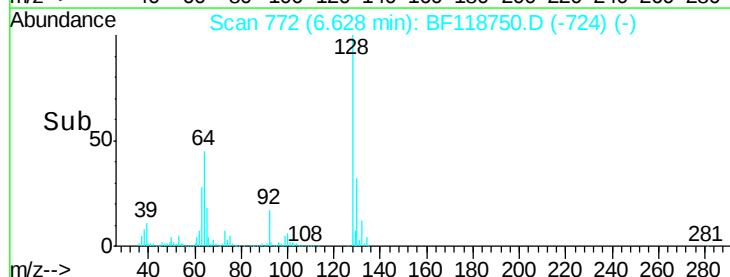
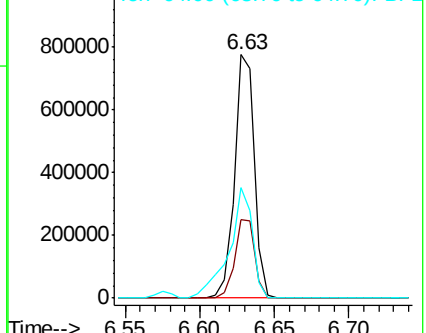


Abundance

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: 28.294 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampleId :

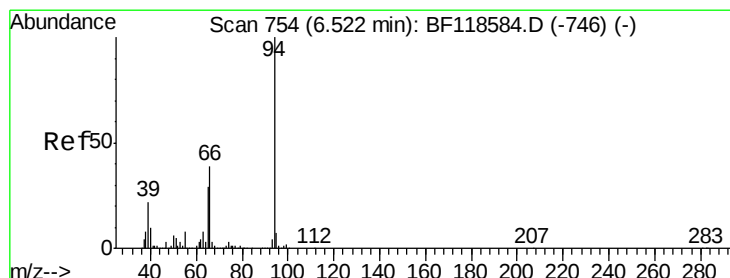
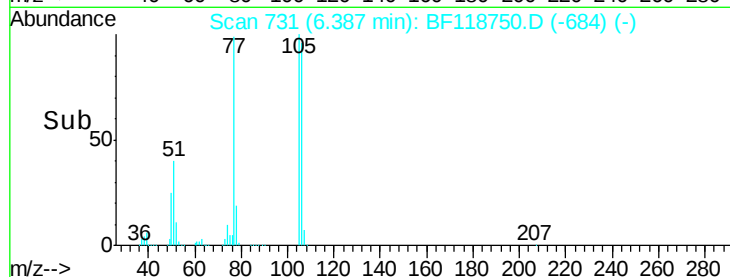
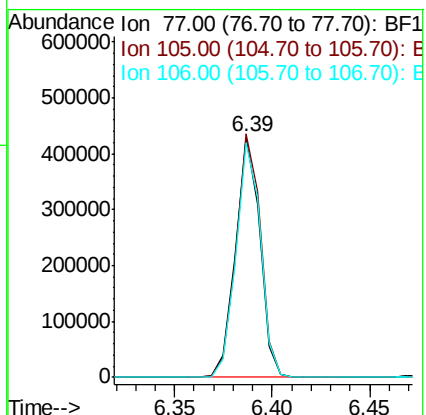
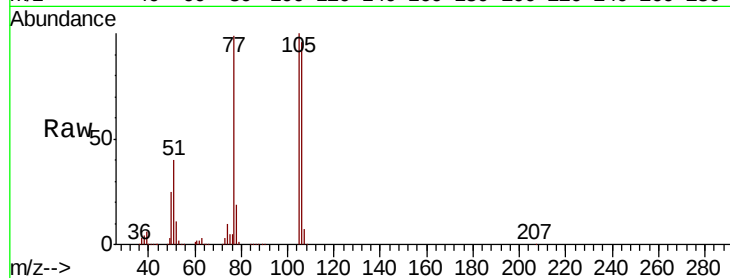
Tot Ion: 77 Resp: 371567

Ion Ratio Lower Upper

77 100

105 101.5 84.3 124.3

106 97.6 80.4 120.4



#10

Phenol

Concen: 35.119 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

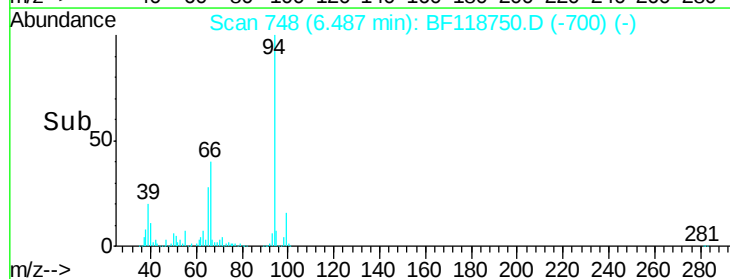
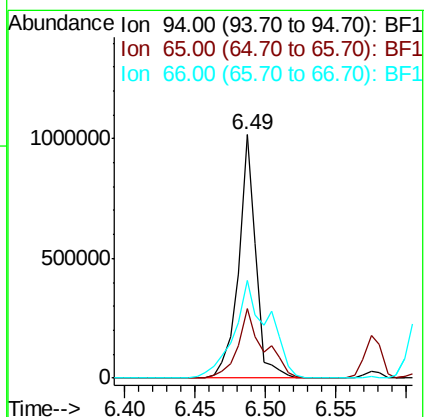
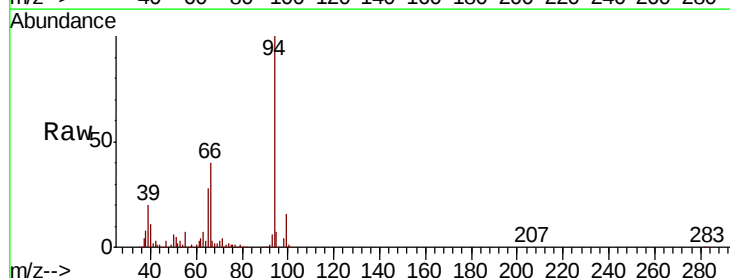
Tgt Ion: 94 Resp: 864238

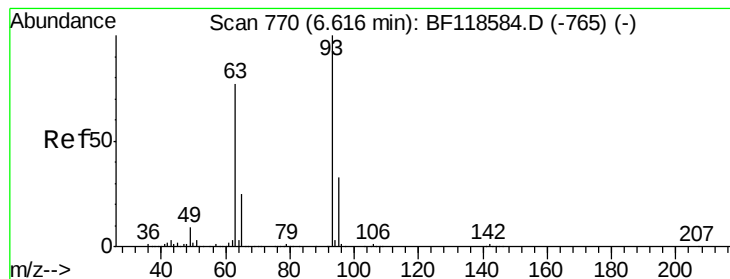
Ion Ratio Lower Upper

94 100

65 28.3 7.9 47.9

66 40.2 19.1 59.1





#11

bis(2-Chloroethyl)ether

Concen: 36.749 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampleId :

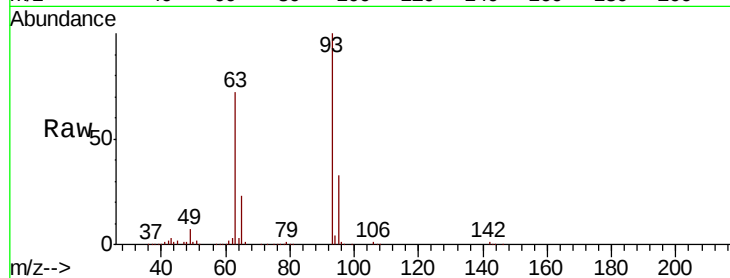
Tot Ion: 93 Resp: 670960

Ion Ratio Lower Upper

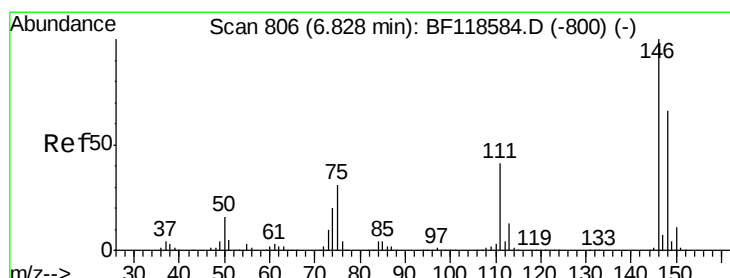
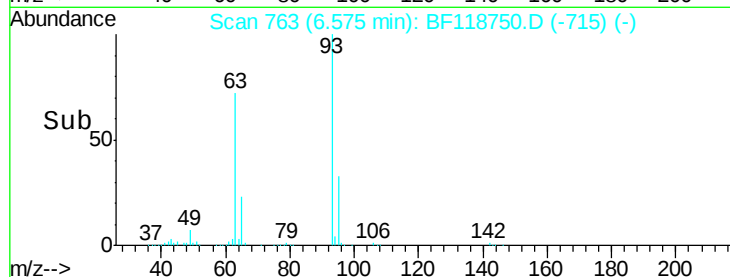
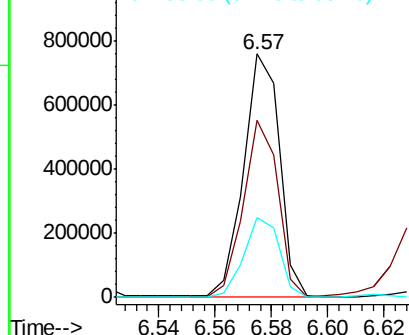
93 100

63 72.5 52.1 92.1

95 32.6 13.2 53.2



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: 36.666 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

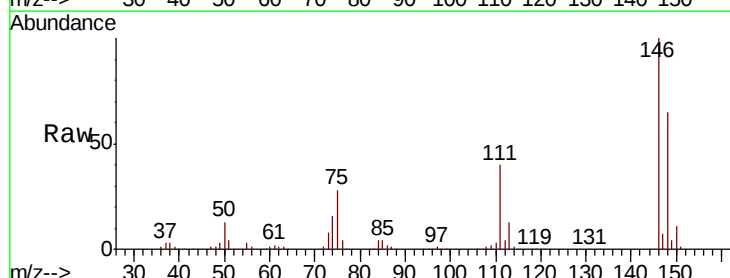
Tgt Ion:146 Resp: 800290

Ion Ratio Lower Upper

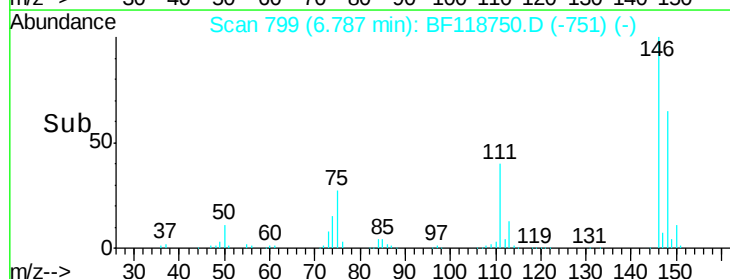
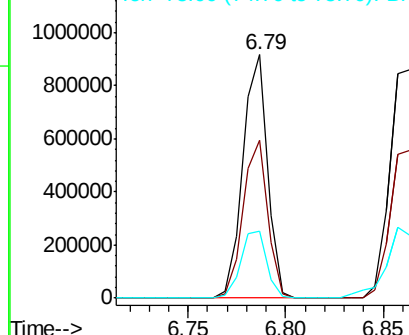
146 100

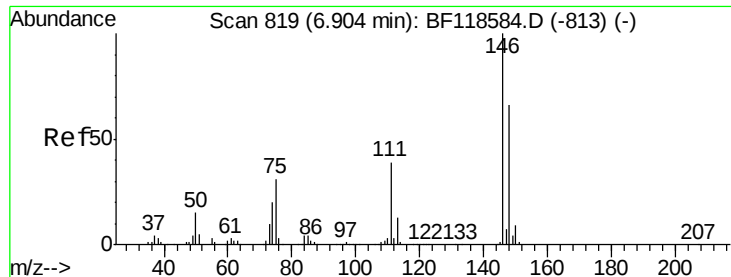
148 64.9 52.2 78.4

75 27.5 23.1 34.7



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: 37.421 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampled :

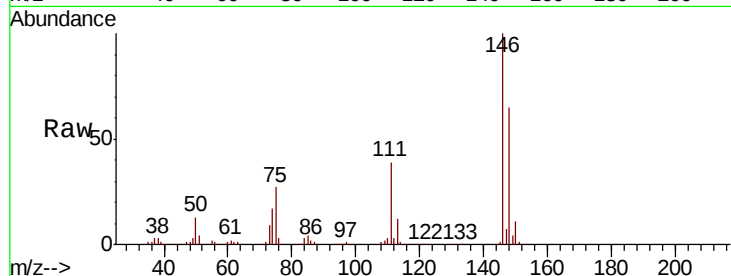
Tot Ion:146 Resp: 819886

Ion Ratio Lower Upper

146 100

148 64.9 51.5 77.3

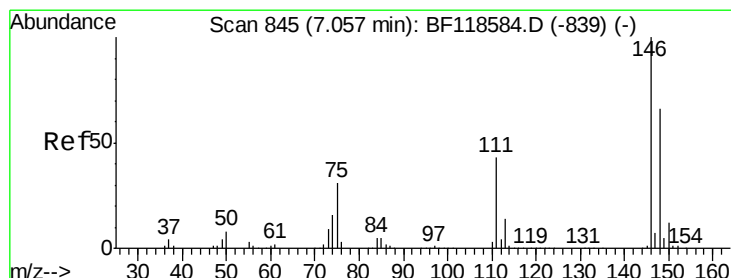
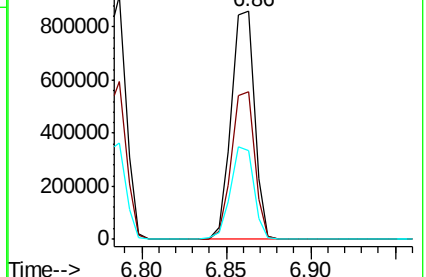
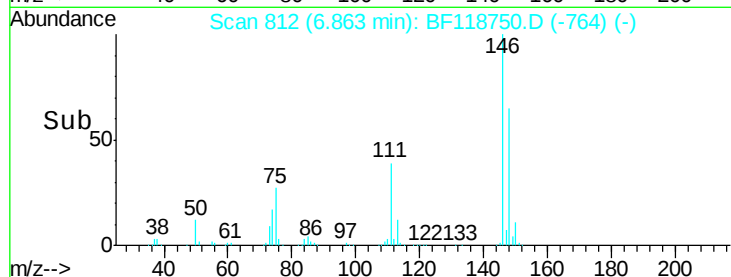
111 39.0 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.157 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

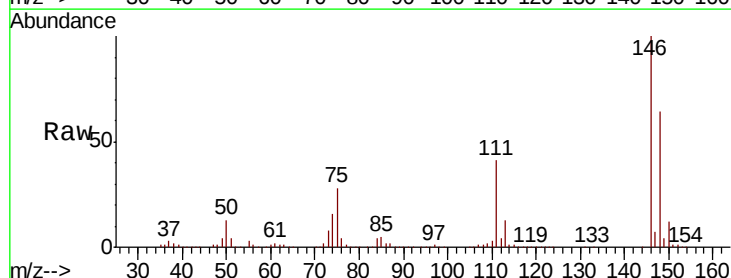
Tgt Ion:146 Resp: 765300

Ion Ratio Lower Upper

146 100

148 64.2 51.7 77.5

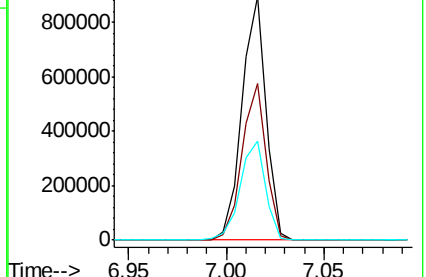
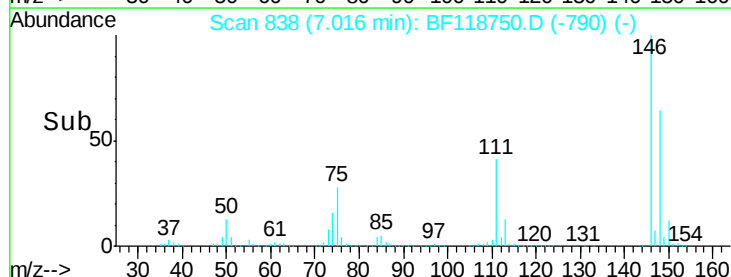
111 40.8 35.3 52.9

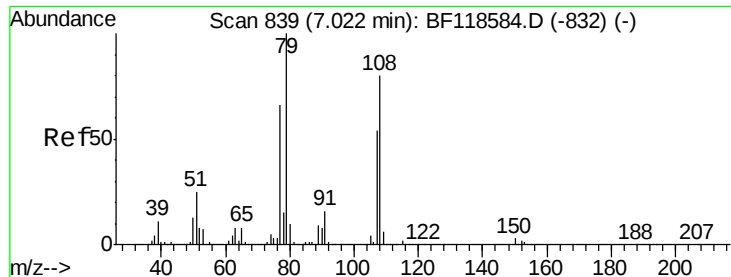


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.634 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampleId :

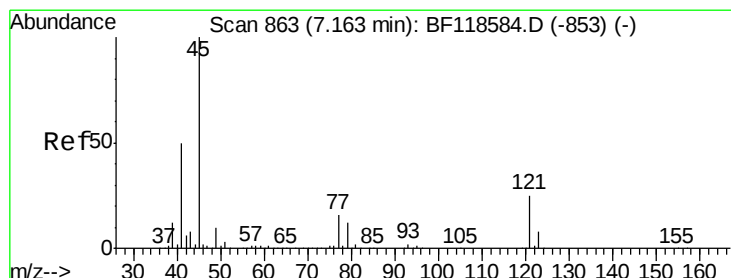
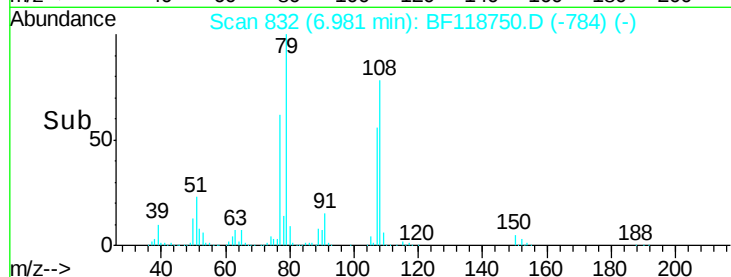
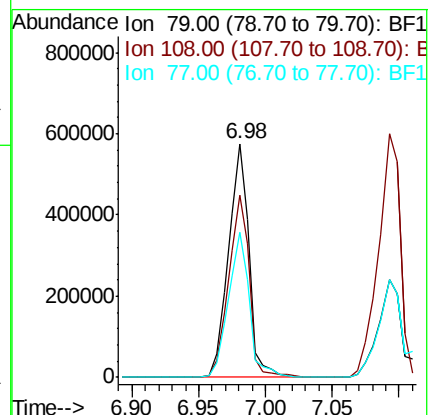
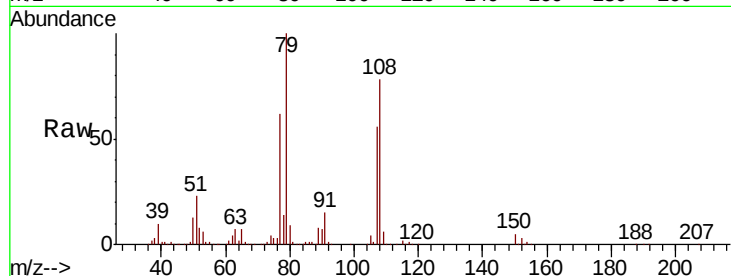
Tot Ion: 79 Resp: 627340

Ion Ratio Lower Upper

79 100

108 77.8 63.4 95.2

77 61.9 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.071 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

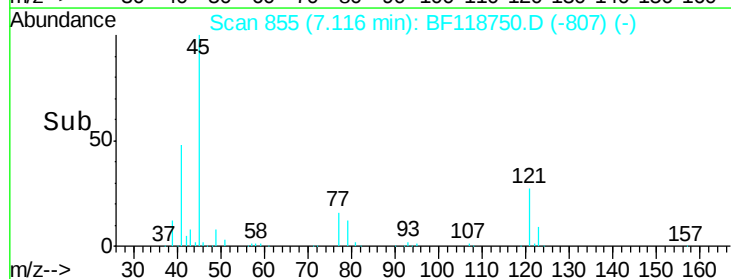
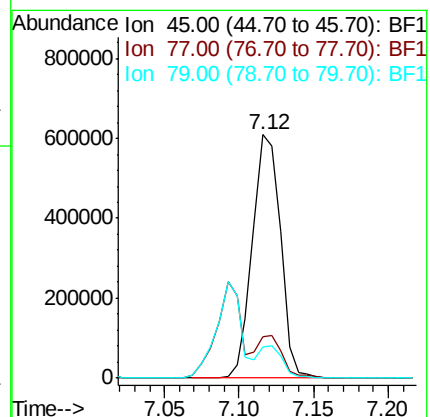
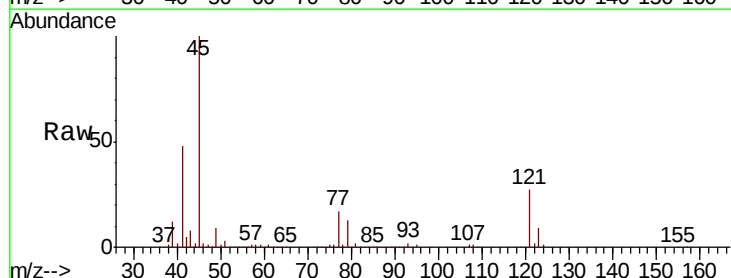
Tgt Ion: 45 Resp: 790165

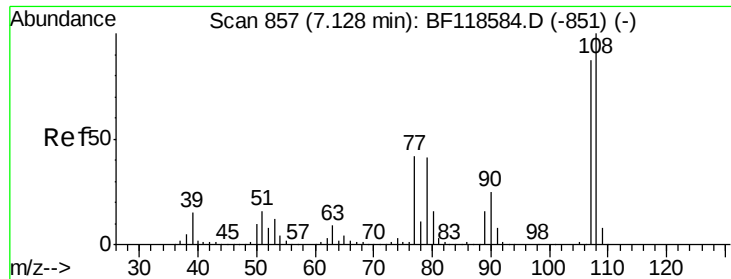
Ion Ratio Lower Upper

45 100

77 17.1 0.0 36.9

79 12.7 0.0 32.5





#17

2-Methylphenol

Concen: 38.153 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampled :

Tot Ion:107 Resp: 592629

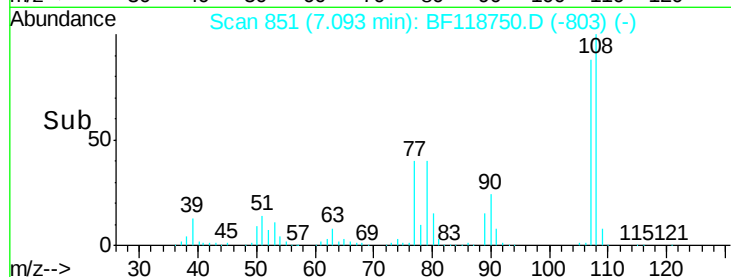
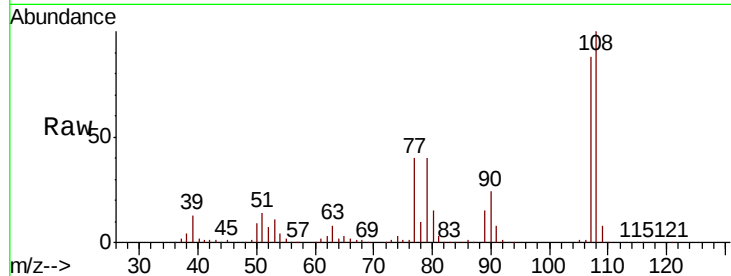
Ion Ratio Lower Upper

107 100

108 113.2 88.0 132.0

77 45.4 35.3 52.9

79 45.7 35.4 53.2

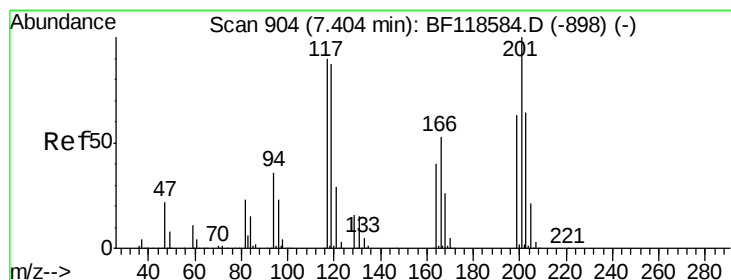
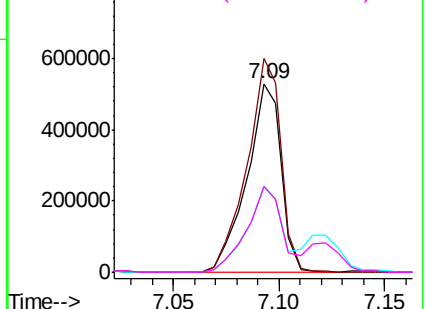


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.215 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

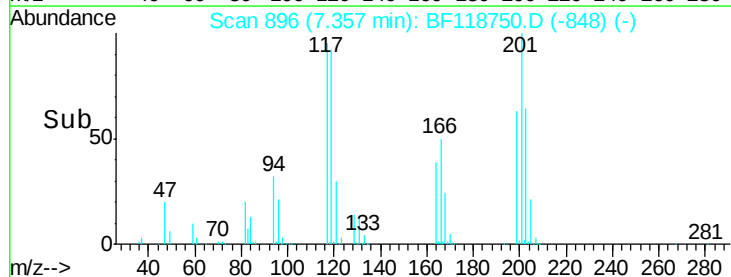
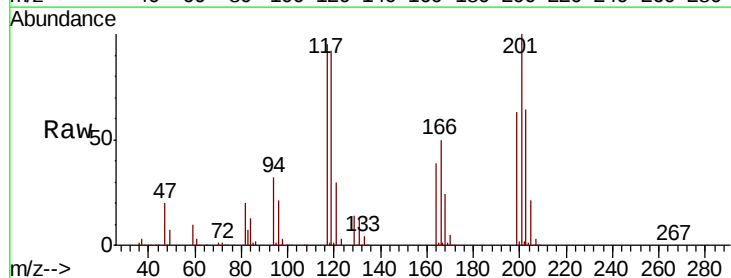
Tgt Ion:117 Resp: 287721

Ion Ratio Lower Upper

117 100

119 96.6 76.2 114.2

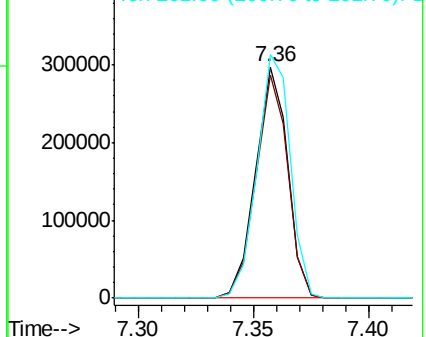
201 105.4 83.3 124.9

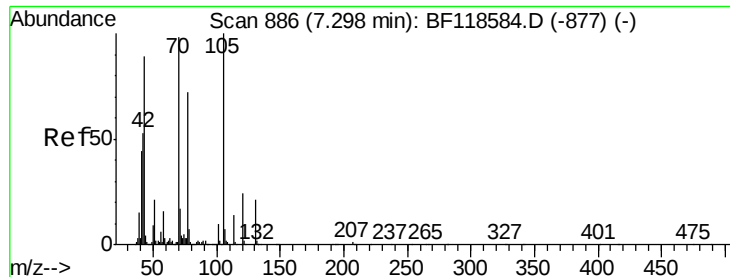


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

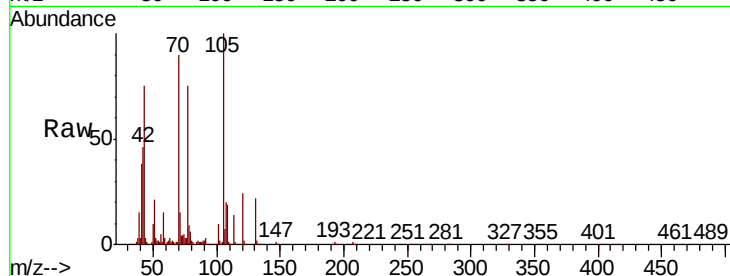




#19  
n-Nitroso-di-n-propylamine  
Concen: 33.265 ng  
RT: 7.26 min Scan# 879  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 485030 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 50.5  | 41.6  | 62.4   |
| 101      | 10.6  | 7.9   | 11.9   |
| 130      | 24.7  | 19.0  | 28.6   |



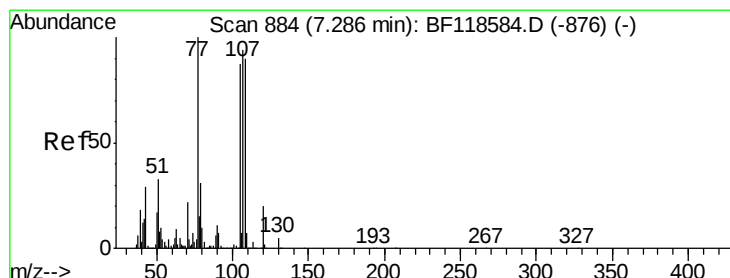
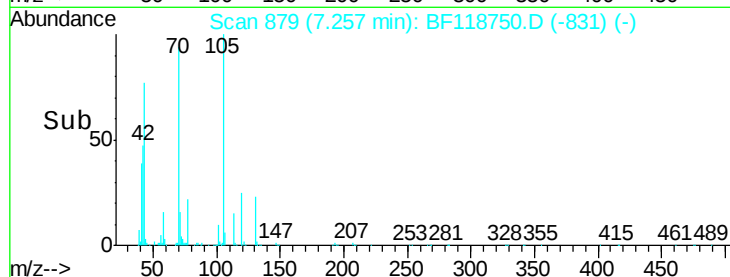
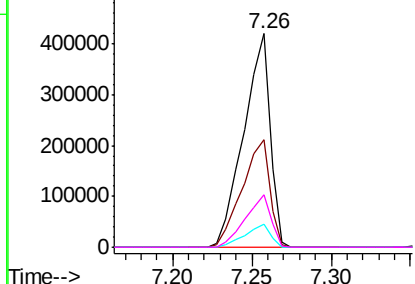
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

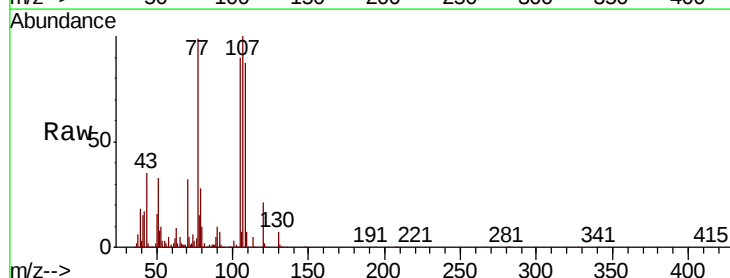
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20  
3+4-Methylphenols  
Concen: 37.870 ng  
RT: 7.25 min Scan# 877  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 718182 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.9  | 67.5  | 107.5  |
| 77       | 99.1  | 73.6  | 113.6  |
| 79       | 28.4  | 9.3   | 49.3   |



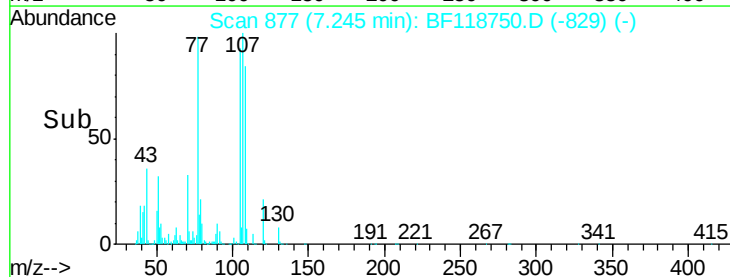
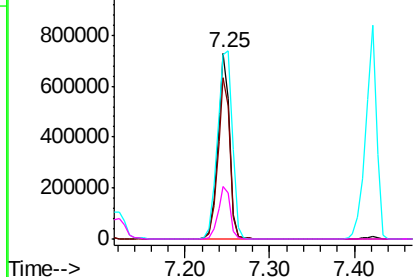
Abundance

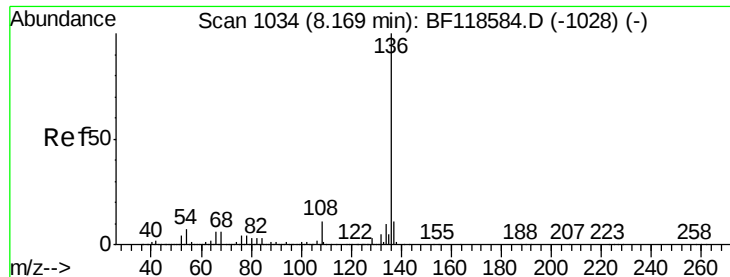
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 1179498

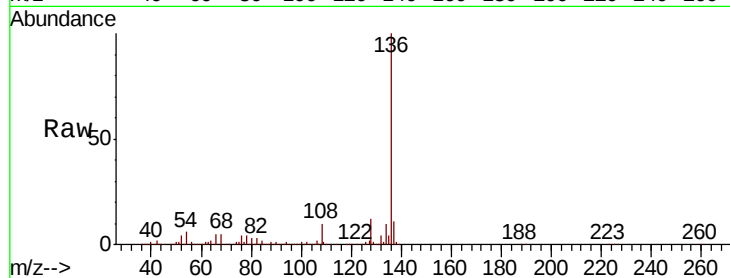
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.4 5.1 7.7

68 5.5 4.3 6.5

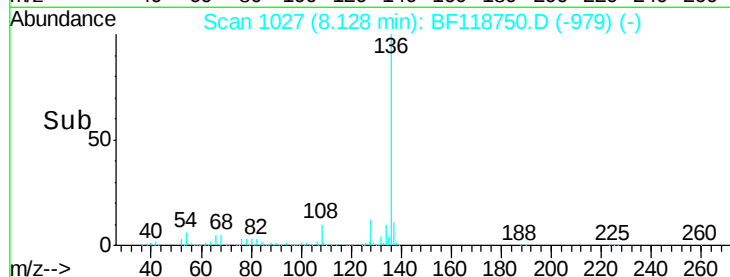


Abundance Ion 136.00 (135.70 to 136.70): E

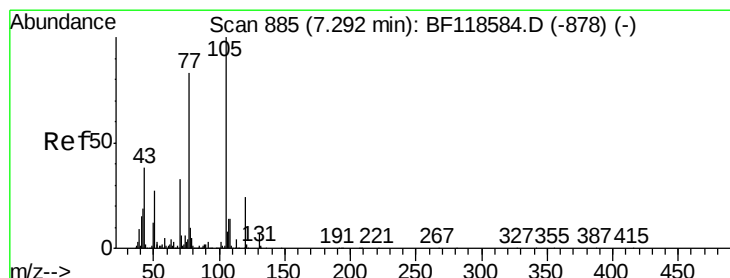
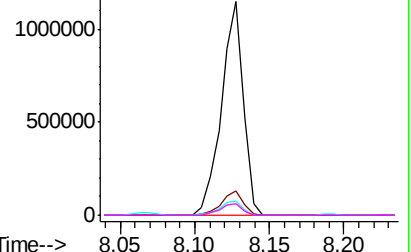
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 33.598 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Tgt Ion:105 Resp: 938781

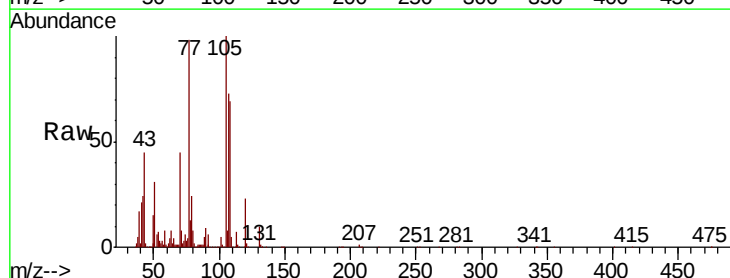
Ion Ratio Lower Upper

105 100

71 7.6 4.3 6.5#

51 30.6 23.5 35.3

120 23.4 18.6 28.0

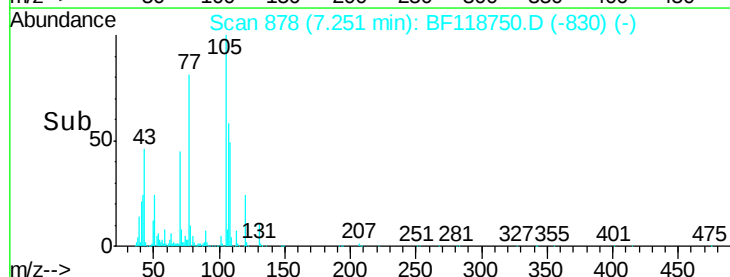


Abundance Ion 105.00 (104.70 to 105.70): E

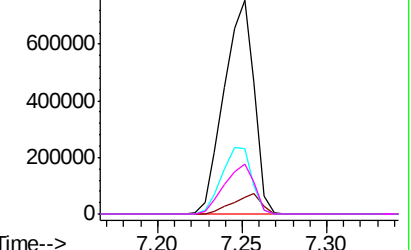
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->



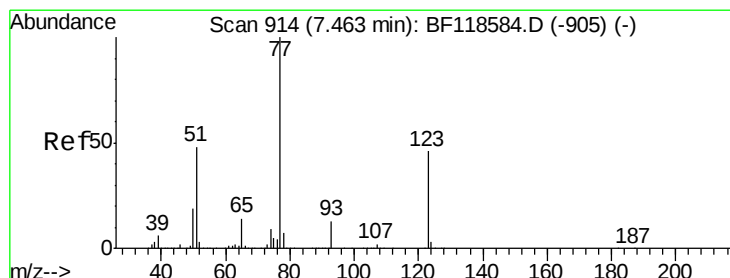
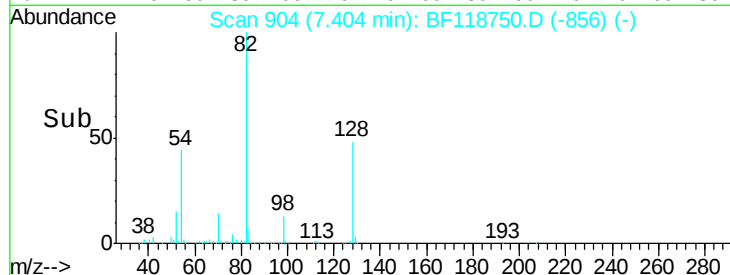
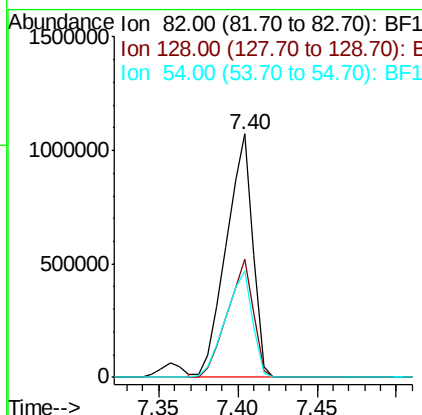
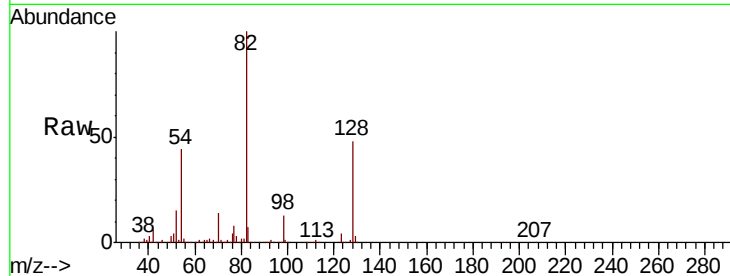


#23  
 Nitrobenzene-d5  
 Concen: 59.196 ng  
 RT: 7.40 min Scan# 904  
 Delta R.T. -0.02 min  
 Lab File: BF118750.D  
 Acq: 30 Jan 2020 14:41

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion: 82 Resp: 1248285  

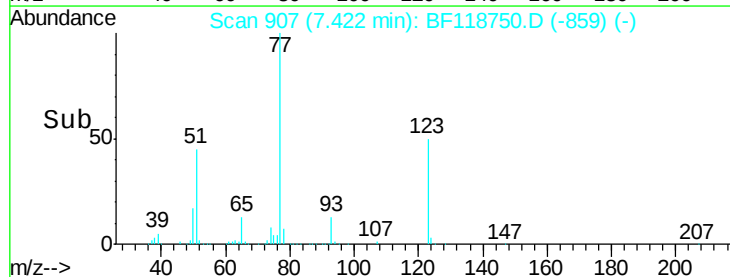
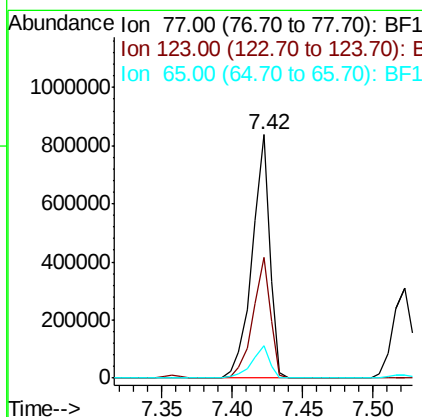
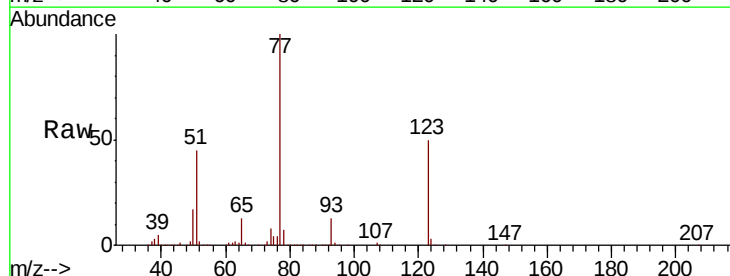
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 48.4  | 38.2  | 57.2  |
| 54  | 43.9  | 36.1  | 54.1  |

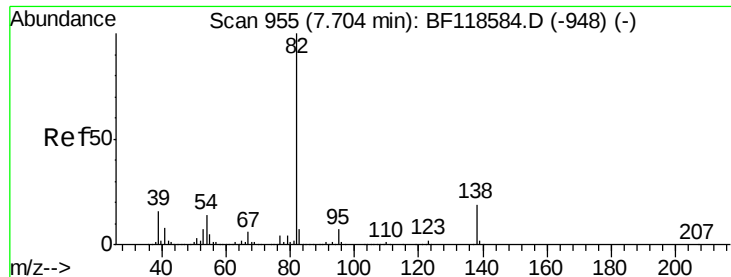


#24  
 Nitrobenzene  
 Concen: 34.061 ng  
 RT: 7.42 min Scan# 907  
 Delta R.T. -0.02 min  
 Lab File: BF118750.D  
 Acq: 30 Jan 2020 14:41

Tgt Ion: 77 Resp: 735438  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 49.6  | 39.2  | 58.8  |
| 65  | 13.4  | 10.6  | 15.8  |

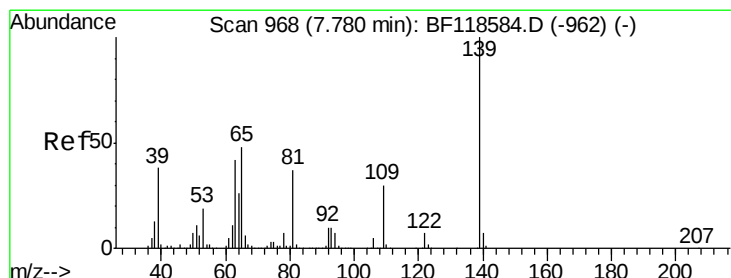
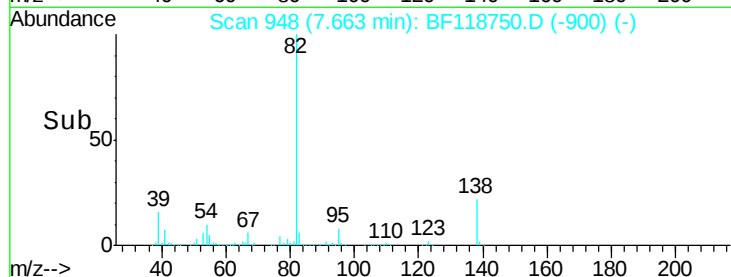
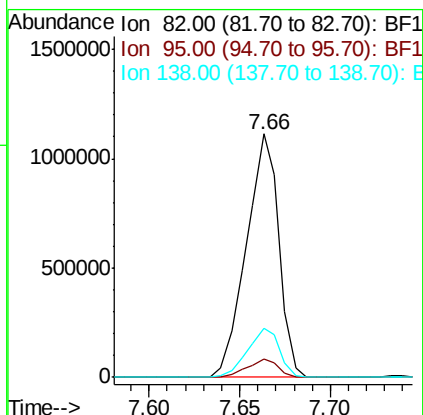
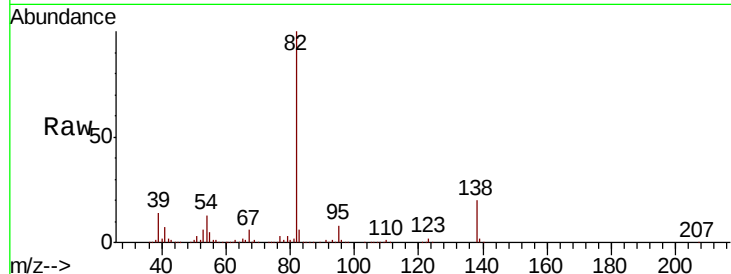




#25  
Isophorone  
Concen: 35.930 ng  
RT: 7.66 min Scan# 948  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

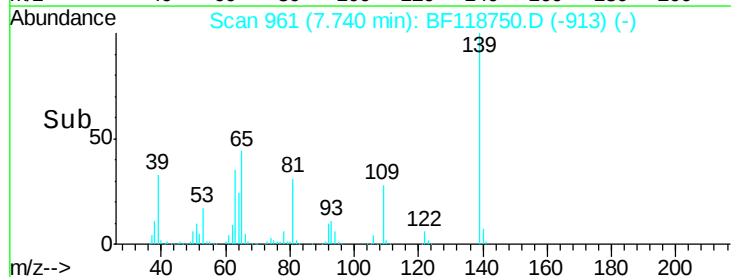
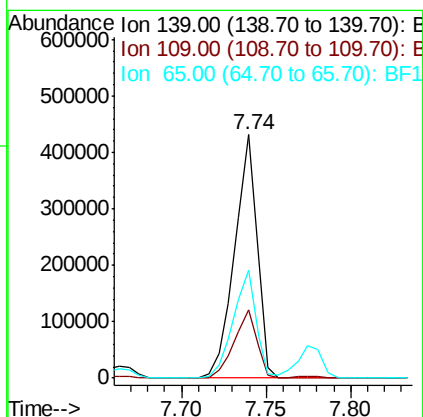
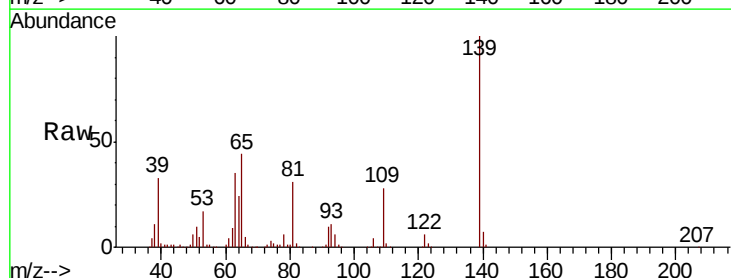
Instrument :  
BNA\_F  
ClientSampleId :

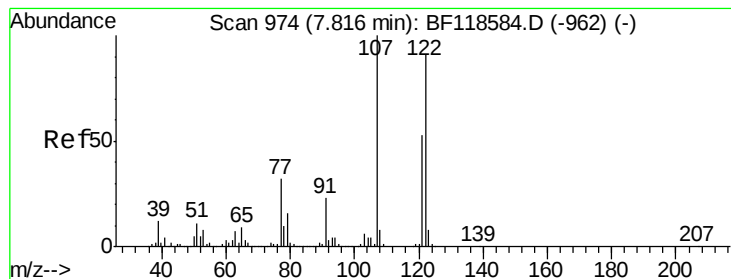
Tot Ion: 82 Resp: 1381959  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.8 8.8  
138 20.0 15.8 23.8



#26  
2-Nitrophenol  
Concen: 43.377 ng  
RT: 7.74 min Scan# 961  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Tgt Ion: 139 Resp: 399403  
Ion Ratio Lower Upper  
139 100  
109 28.0 23.1 34.7  
65 44.4 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 42.672 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampleId :

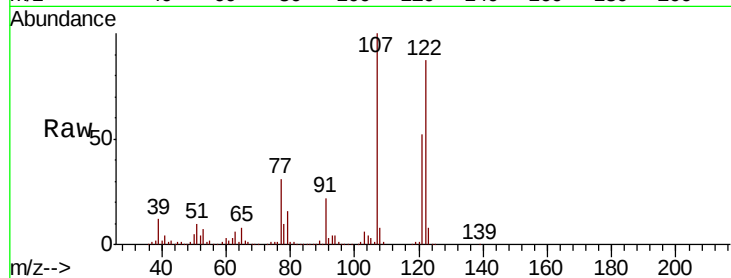
Tot Ion:122 Resp: 678477

Ion Ratio Lower Upper

122 100

107 115.1 91.8 137.8

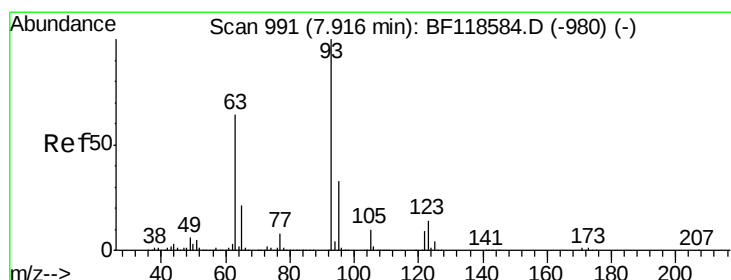
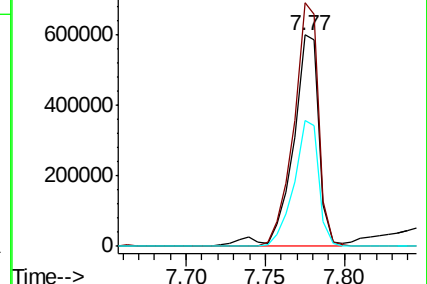
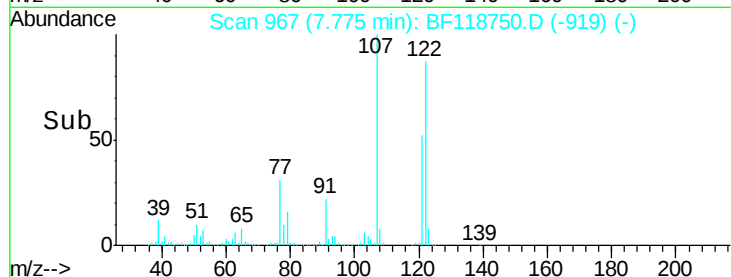
121 59.4 46.8 70.2



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: 34.692 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

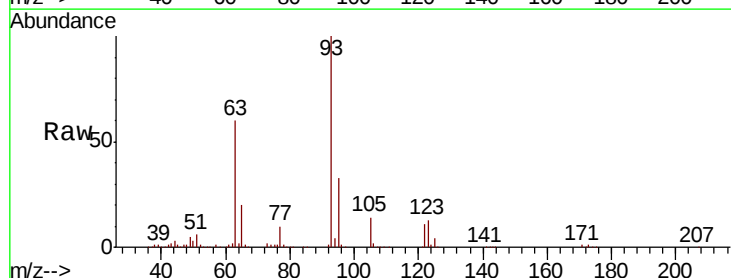
Tgt Ion: 93 Resp: 859762

Ion Ratio Lower Upper

93 100

95 32.9 26.8 40.2

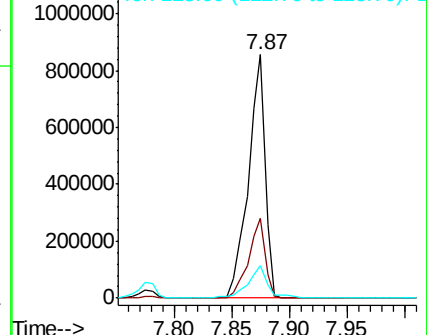
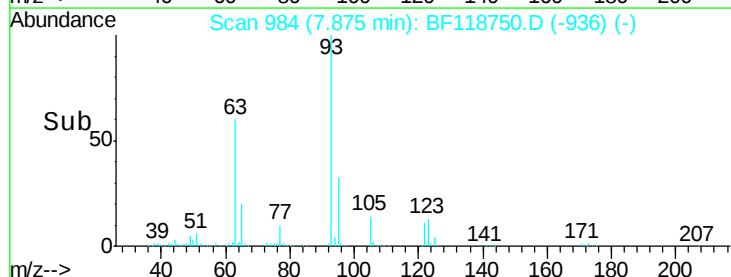
123 13.4 10.7 16.1

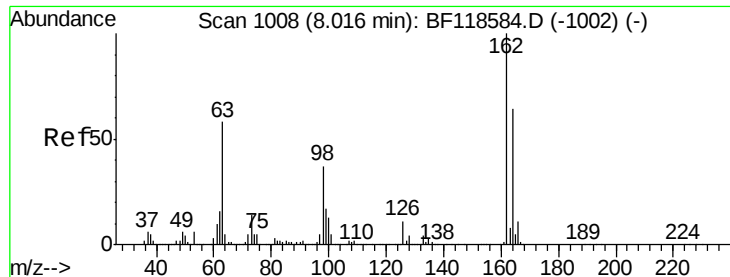


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

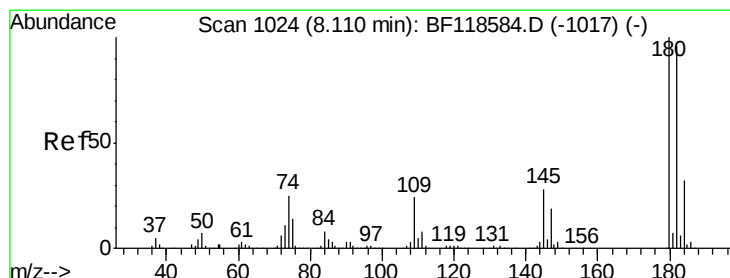
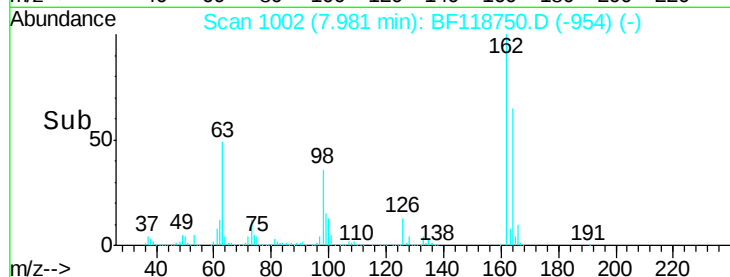
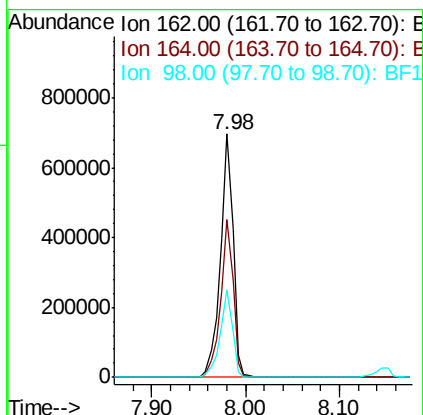
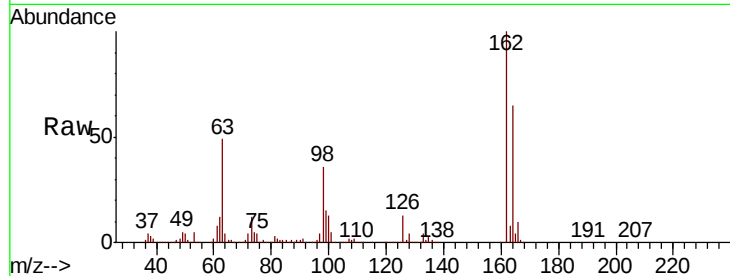




#29  
 2,4-Dichlorophenol  
 Concen: 37.524 ng  
 RT: 7.98 min Scan# 1002  
 Delta R.T. -0.02 min  
 Lab File: BF118750.D  
 Acq: 30 Jan 2020 14:41

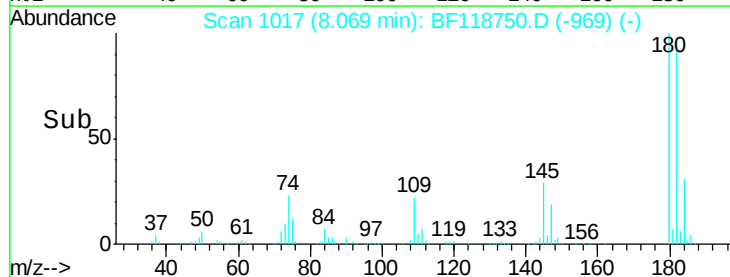
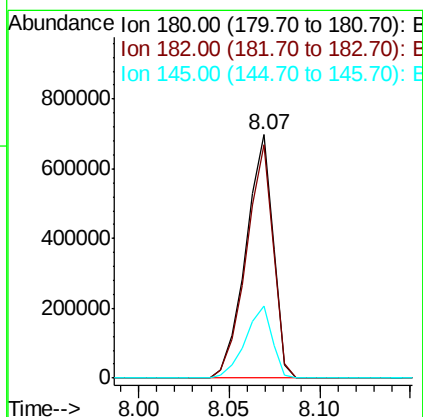
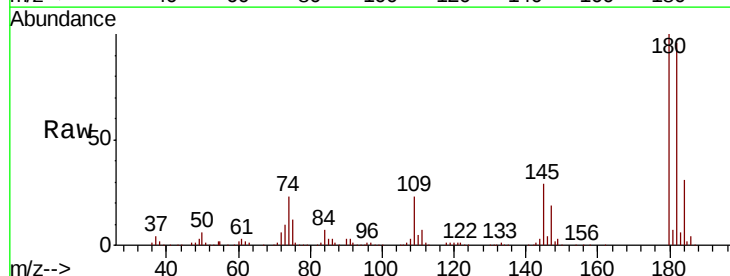
Instrument :  
 BNA\_F  
 ClientSampleId :

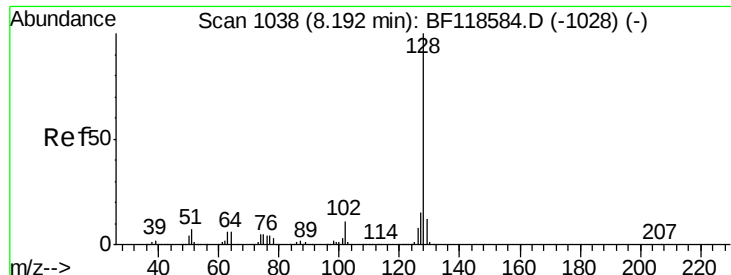
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.6  | 43.8  | 83.8  |
| 98      | 35.7  | 15.0  | 55.0  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 35.794 ng  
 RT: 8.07 min Scan# 1017  
 Delta R.T. -0.02 min  
 Lab File: BF118750.D  
 Acq: 30 Jan 2020 14:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 77.0  | 115.4 |
| 145     | 29.4  | 23.5  | 35.3  |

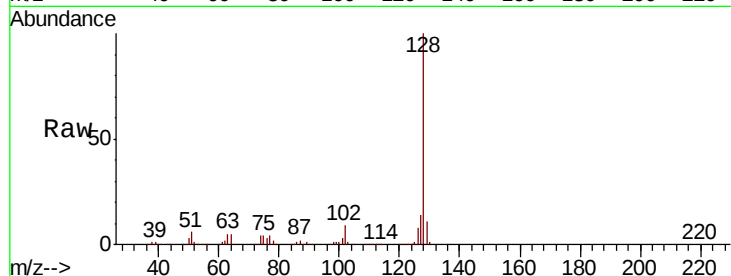




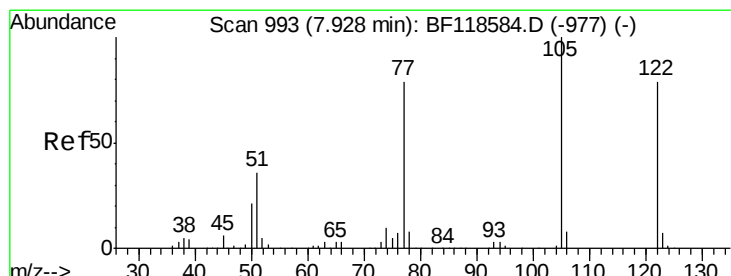
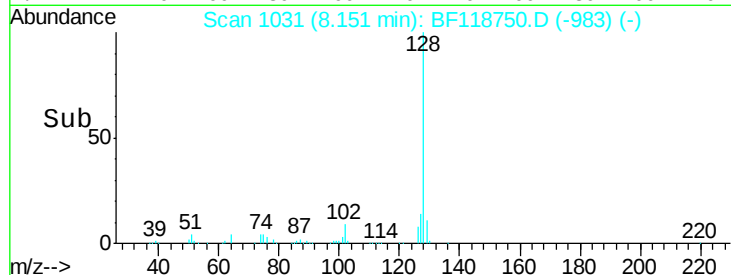
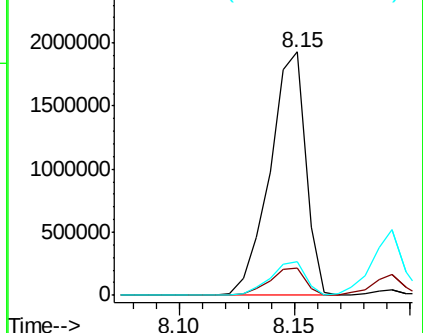
#31  
Naphthalene  
Concen: 38.924 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:128 Resp: 2073951  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.4 14.0  
127 14.0 11.3 16.9

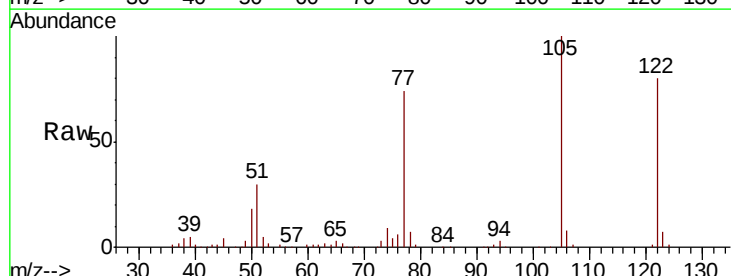


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

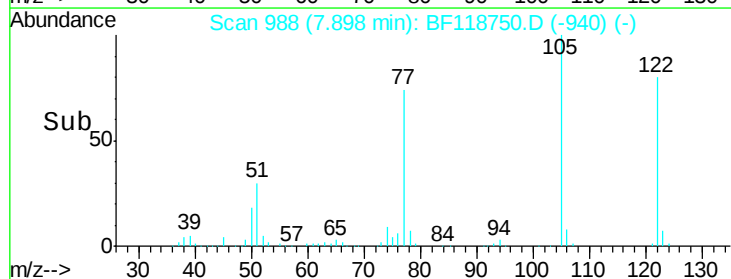
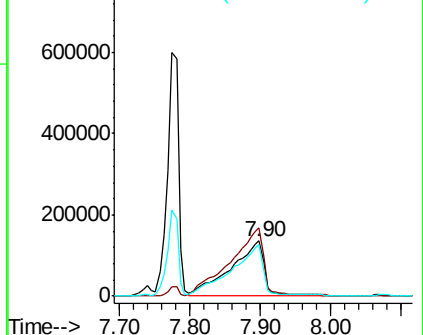


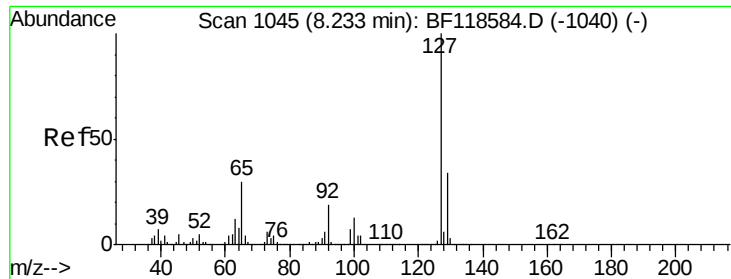
#32  
Benzoic acid  
Concen: 37.279 ng  
RT: 7.90 min Scan# 988  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Tgt Ion:122 Resp: 444851  
Ion Ratio Lower Upper  
122 100  
105 124.3 100.9 140.9  
77 92.4 65.1 105.1



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

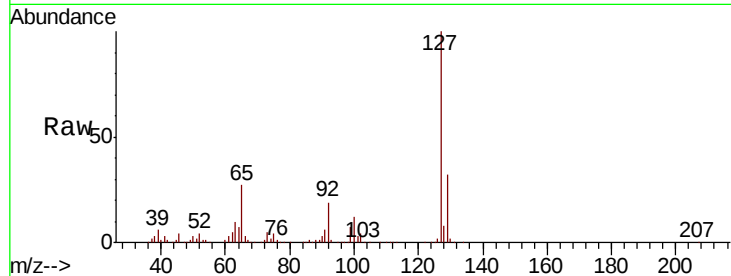




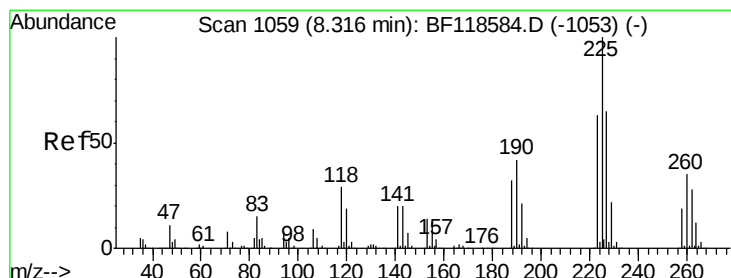
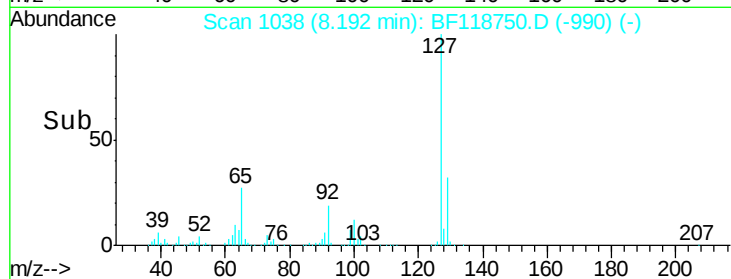
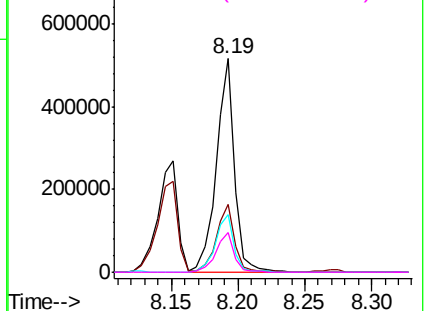
#33  
4-Chloroaniline  
Concen: 20.006 ng  
RT: 8.19 min Scan# 1038  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 492688 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 26.4  | 39.6   |
| 65       | 26.8  | 22.6  | 33.8   |
| 92       | 18.5  | 15.3  | 22.9   |

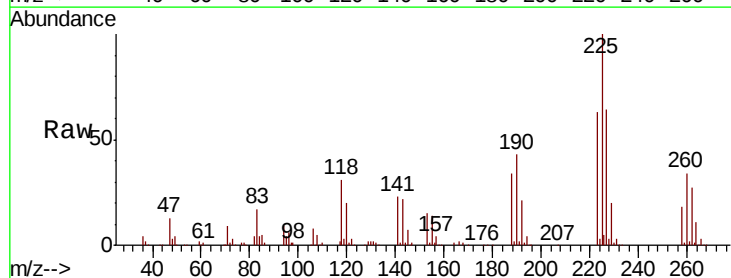


Abundance Ion 127.00 (126.70 to 127.70): E  
800000  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

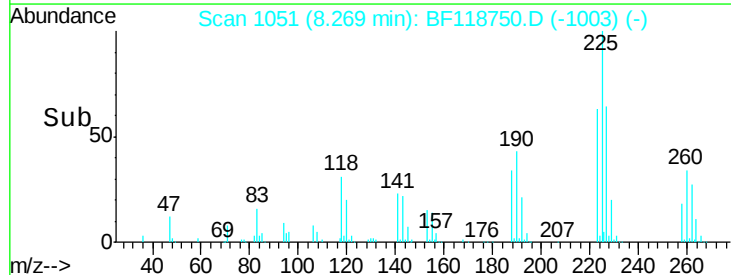
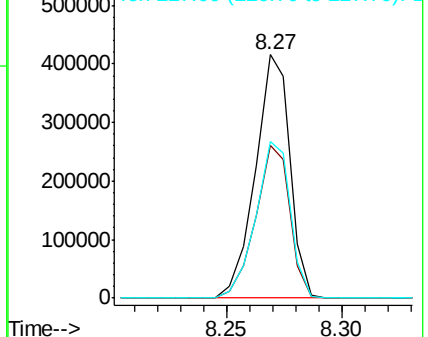


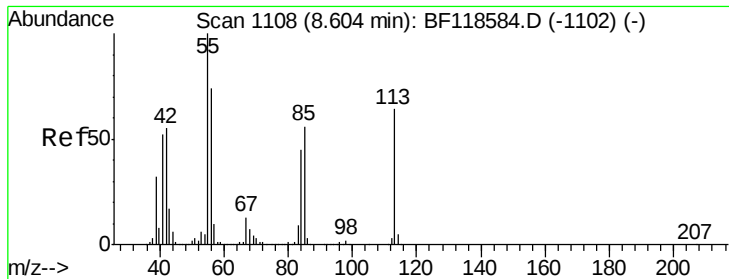
#34  
Hexachlorobutadiene  
Concen: 34.992 ng  
RT: 8.27 min Scan# 1051  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 434288 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.7  | 50.3  | 75.5   |
| 227      | 64.3  | 50.5  | 75.7   |



Abundance Ion 225.00 (224.70 to 225.70): E  
500000  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

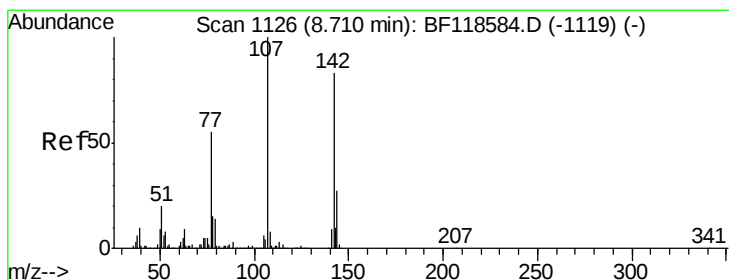
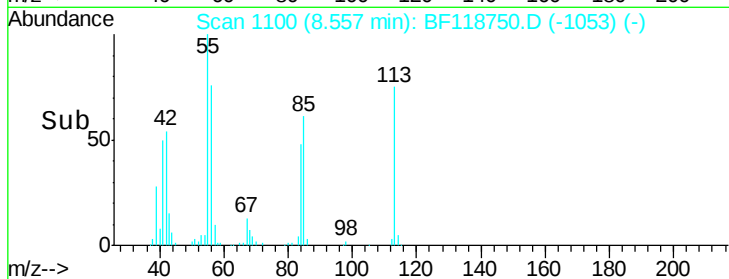
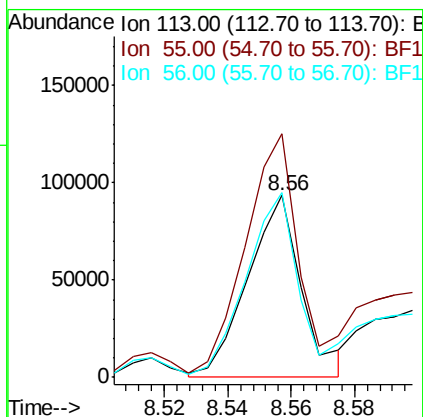
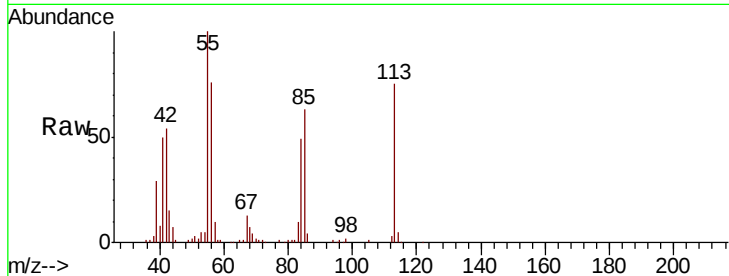




#35  
Caprolactam  
Concen: 19.118 ng  
RT: 8.56 min Scan# 1100  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

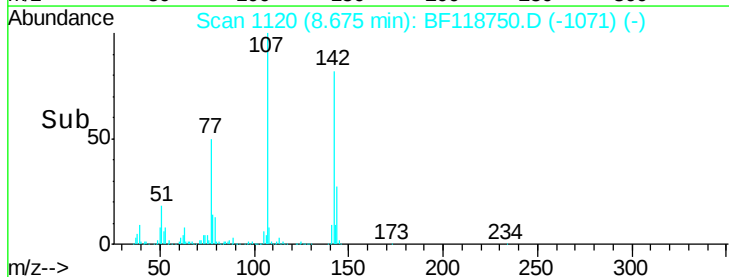
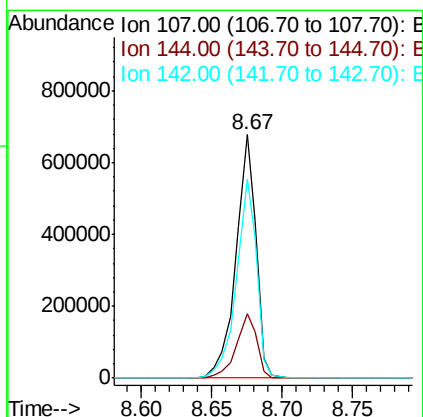
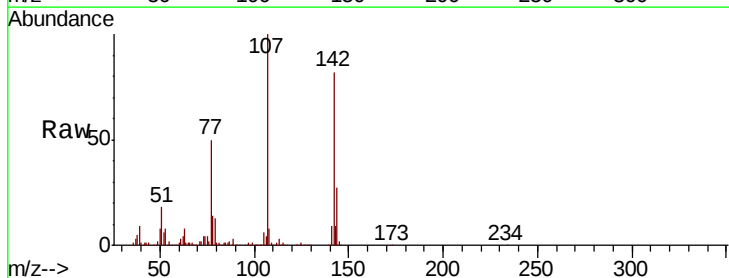
Instrument :  
BNA\_F  
ClientSampleId :

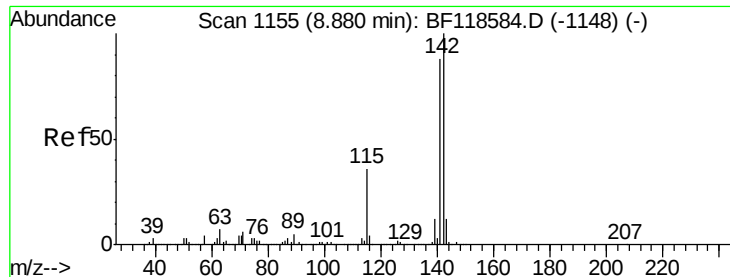
Tot Ion:113 Resp: 109969  
Ion Ratio Lower Upper  
113 100  
55 133.8 119.0 159.0  
56 101.2 85.4 125.4



#36  
4-Chloro-3-methylphenol  
Concen: 38.566 ng  
RT: 8.67 min Scan# 1120  
Delta R.T. -0.01 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Tgt Ion:107 Resp: 669394  
Ion Ratio Lower Upper  
107 100  
144 26.6 20.9 31.3  
142 81.6 64.5 96.7

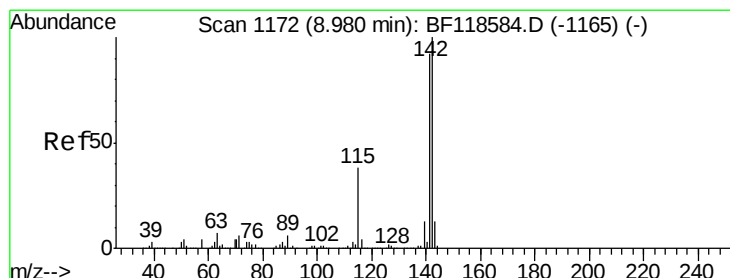
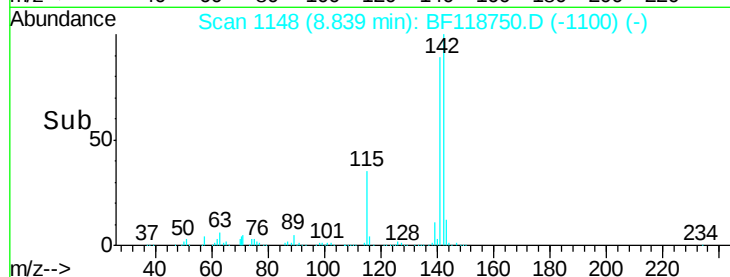
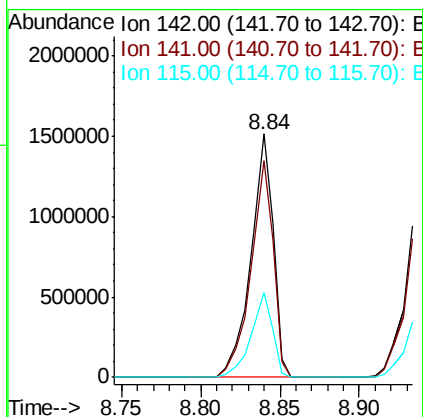
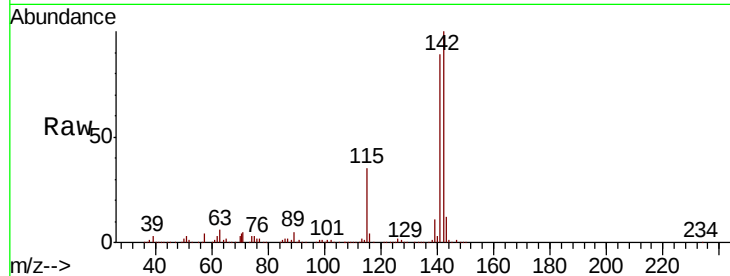




#37  
 2-Methylnaphthalene  
 Concen: 39.214 ng  
 RT: 8.84 min Scan# 1148  
 Delta R.T. -0.02 min  
 Lab File: BF118750.D  
 Acq: 30 Jan 2020 14:41

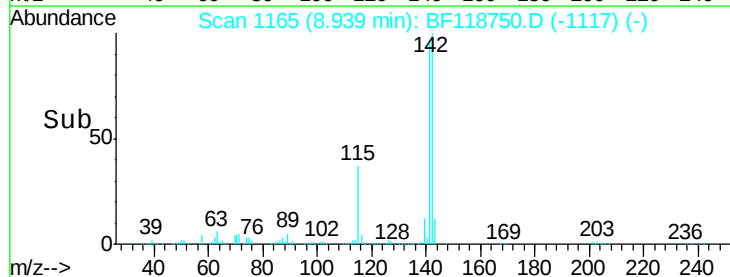
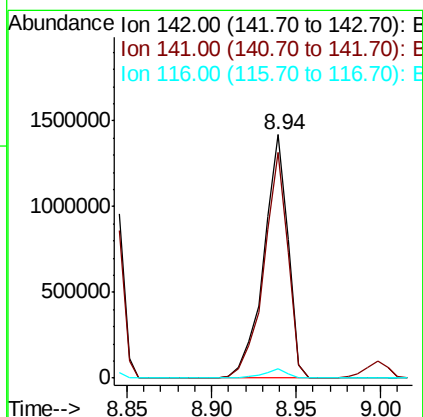
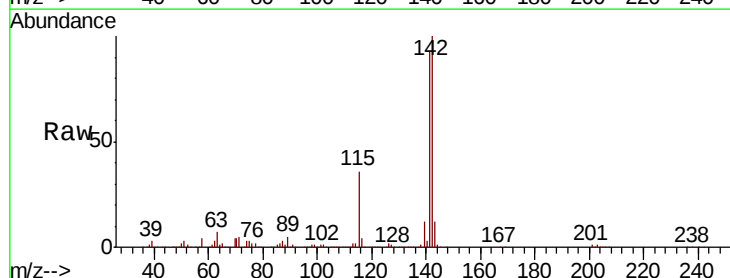
Instrument :  
 BNA\_F  
 ClientSampleId :

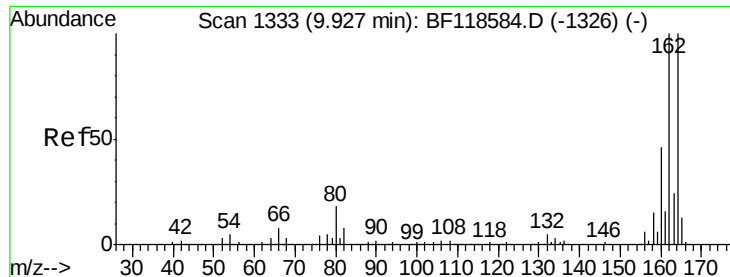
Tot Ion:142 Resp: 1474823  
 Ion Ratio Lower Upper  
 142 100  
 141 89.0 71.4 107.0  
 115 34.7 27.5 41.3



#38  
 1-Methylnaphthalene  
 Concen: 38.933 ng  
 RT: 8.94 min Scan# 1165  
 Delta R.T. -0.02 min  
 Lab File: BF118750.D  
 Acq: 30 Jan 2020 14:41

Tgt Ion:142 Resp: 1391090  
 Ion Ratio Lower Upper  
 142 100  
 141 92.9 73.5 110.3  
 116 3.9 3.0 4.6

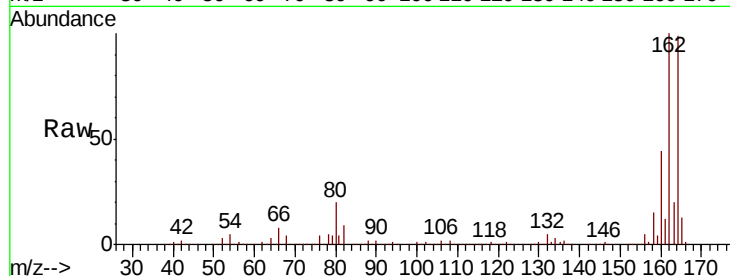




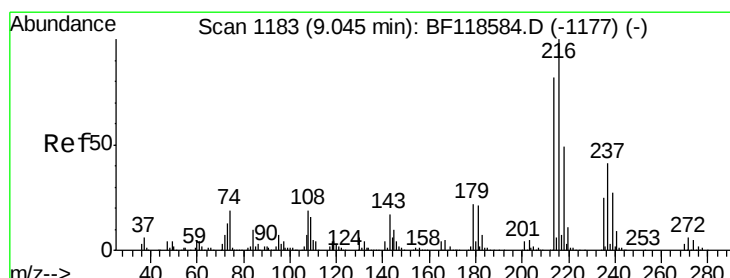
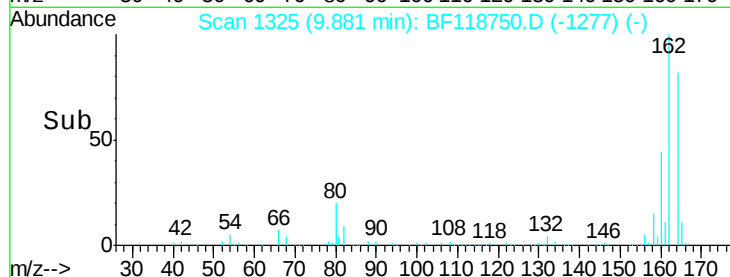
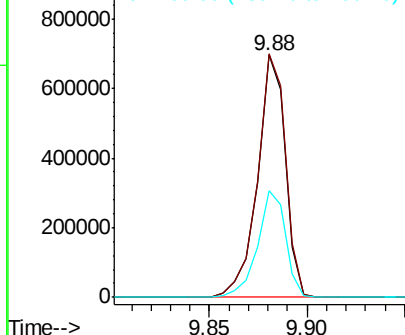
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.6 | 80.8  | 121.2 |
| 160     | 44.3  | 35.4  | 53.0  |



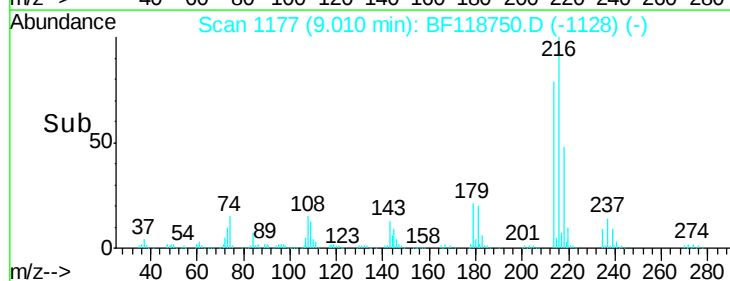
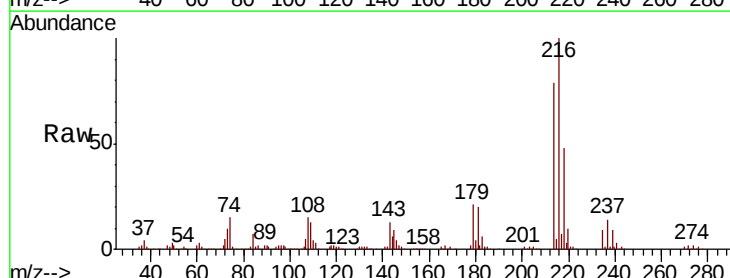
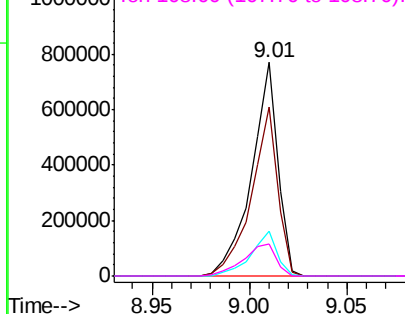
Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

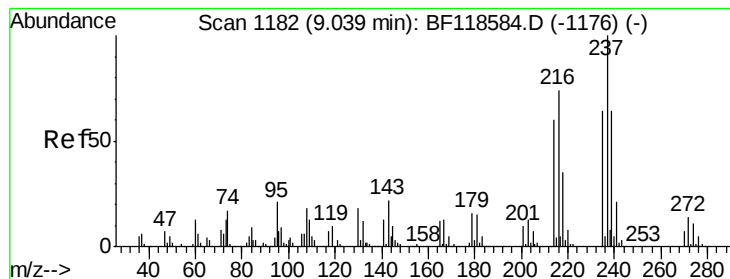


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 33.519 ng  
RT: 9.01 min Scan# 1177  
Delta R.T. -0.01 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.9  | 63.4  | 95.2  |
| 179     | 20.8  | 17.0  | 25.4  |
| 108     | 18.9  | 13.0  | 19.6  |

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: 78.472 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampleId :

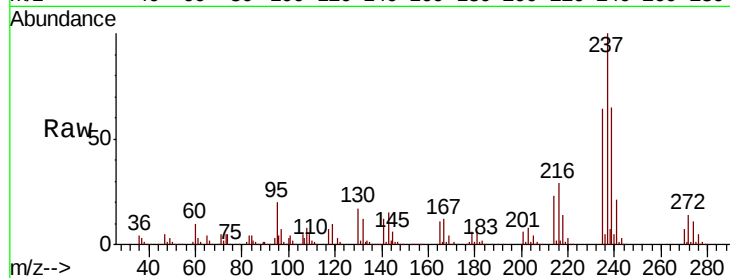
Tot Ion:237 Resp: 851048

Ion Ratio Lower Upper

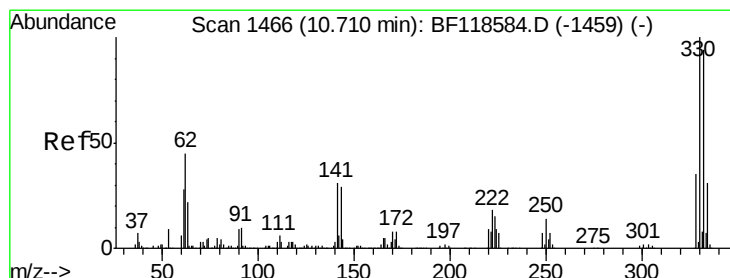
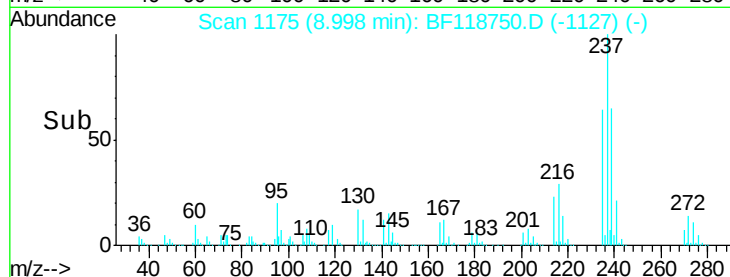
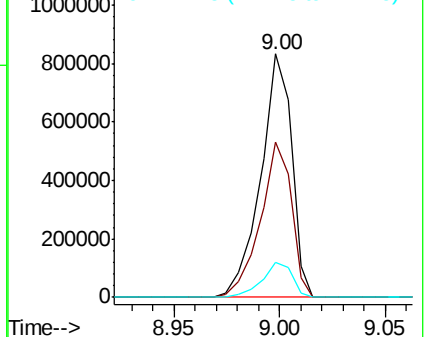
237 100

235 63.8 42.7 82.7

272 14.2 0.0 34.4



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



#42

2,4,6-Tribromophenol

Concen: 107.947 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

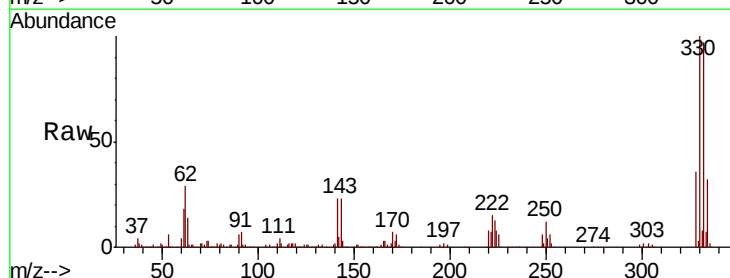
Tgt Ion:330 Resp: 857746

Ion Ratio Lower Upper

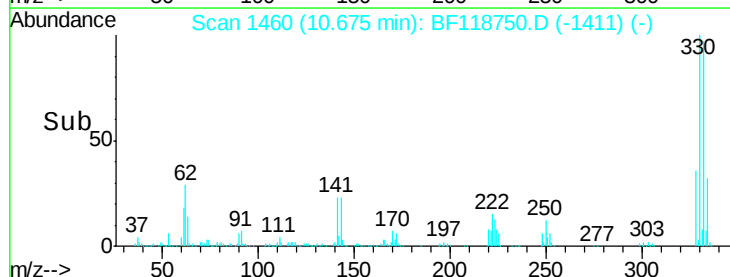
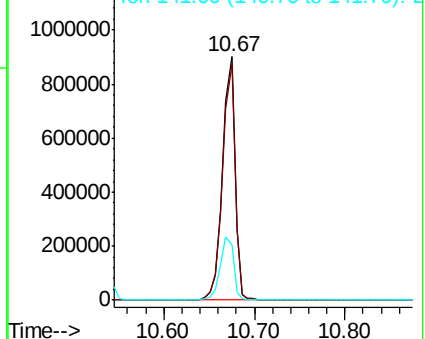
330 100

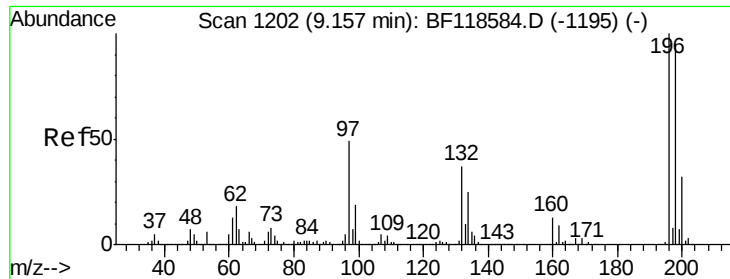
332 96.6 77.6 116.4

141 27.5 22.2 33.2



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

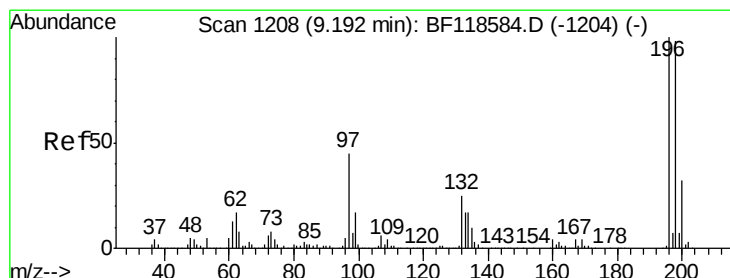
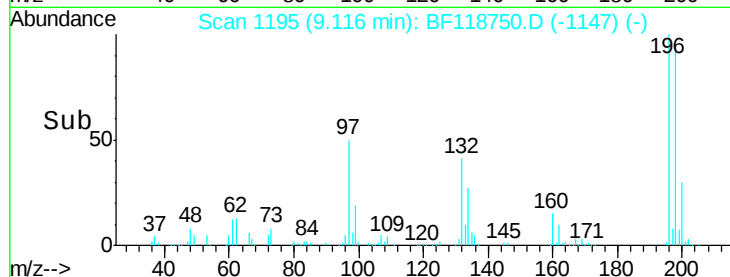
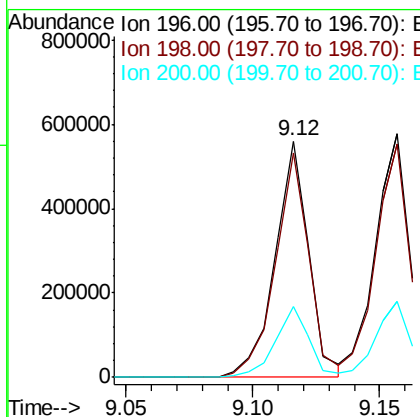
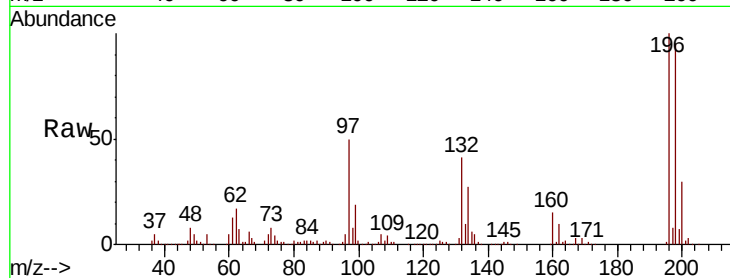




#43  
 2,4,6-Trichlorophenol  
 Concen: 36.437 ng  
 RT: 9.12 min Scan# 1195  
 Delta R.T. -0.02 min  
 Lab File: BF118750.D  
 Acq: 30 Jan 2020 14:41

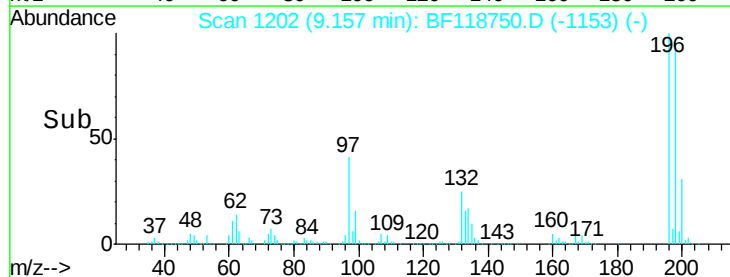
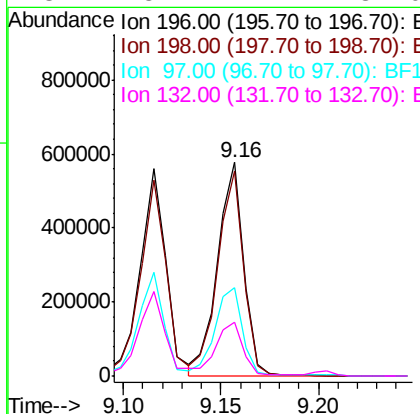
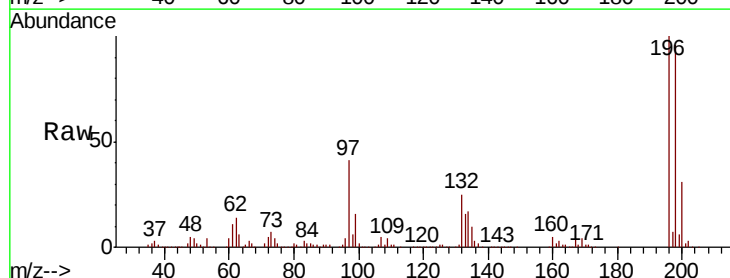
Instrument :  
 BNA\_F  
 ClientSampled :

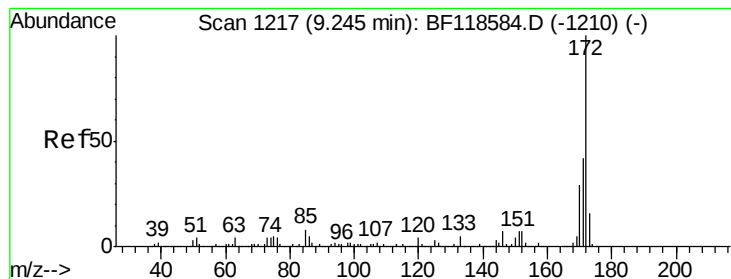
Tot Ion:196 Resp: 519743  
 Ion Ratio Lower Upper  
 196 100  
 198 94.8 76.4 114.6  
 200 30.3 25.4 38.2



#44  
 2,4,5-Trichlorophenol  
 Concen: 36.814 ng  
 RT: 9.16 min Scan# 1202  
 Delta R.T. -0.01 min  
 Lab File: BF118750.D  
 Acq: 30 Jan 2020 14:41

Tgt Ion:196 Resp: 536307  
 Ion Ratio Lower Upper  
 196 100  
 198 95.9 76.2 114.4  
 97 41.3 35.7 53.5  
 132 25.4 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 62.956 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

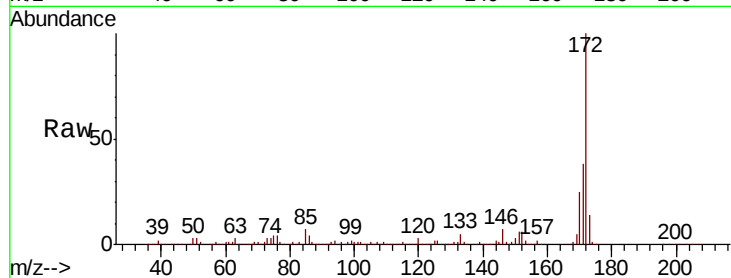
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:172 Resp: 2631440

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 37.6  | 31.0  | 46.4  |
| 170 | 25.2  | 20.7  | 31.1  |

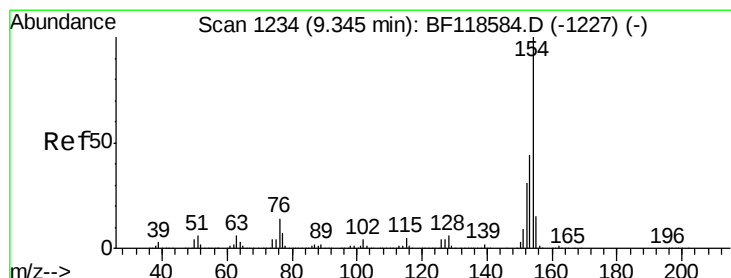
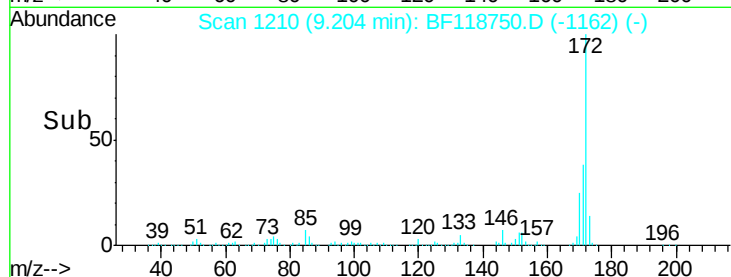
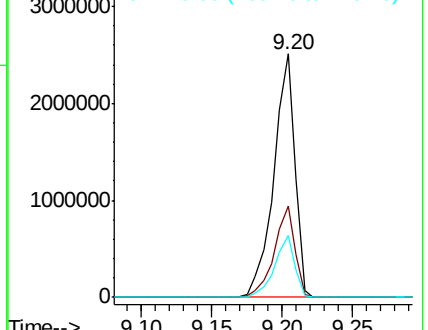


Abundance

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: 37.670 ng

RT: 9.30 min Scan# 1227

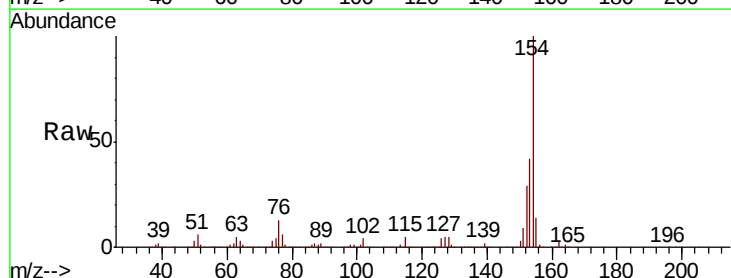
Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Tgt Ion:154 Resp: 1783587

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 42.1  | 22.3  | 62.3  |
| 76  | 12.8  | 0.0   | 32.0  |

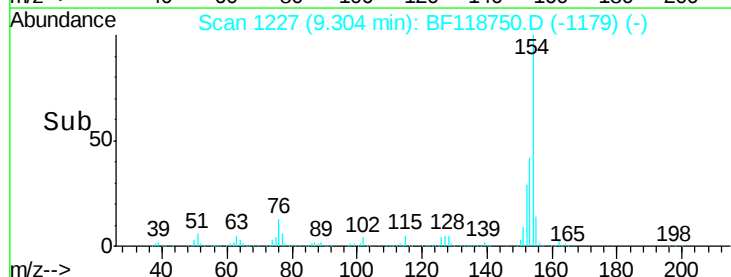
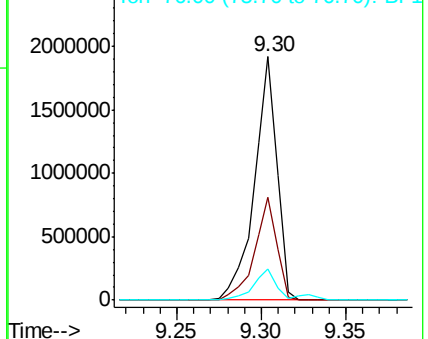


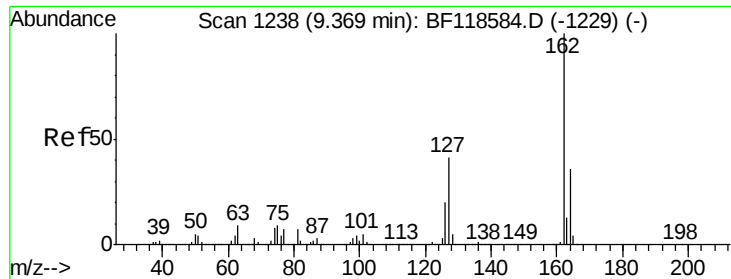
Abundance

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

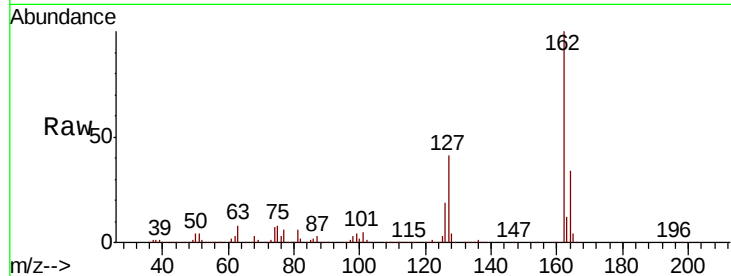




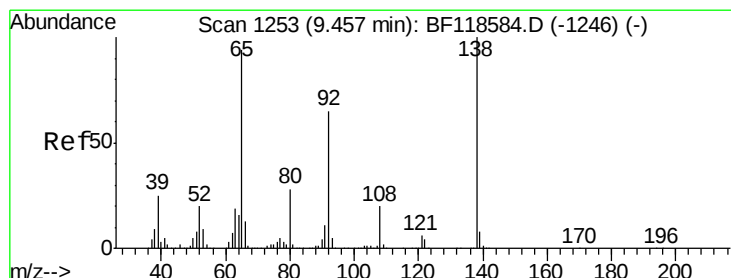
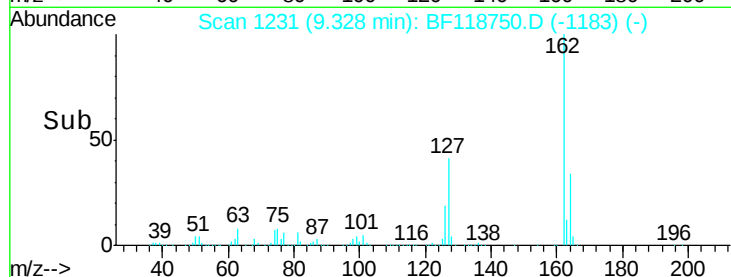
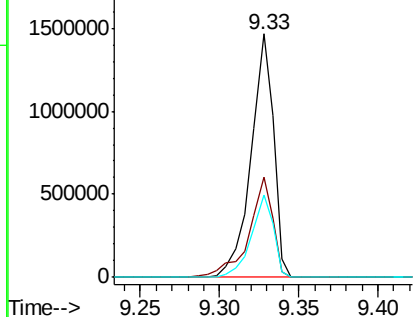
#47  
 2-Chloronaphthalene  
 Concen: 36.114 ng  
 RT: 9.33 min Scan# 1231  
 Delta R.T. -0.02 min  
 Lab File: BF118750.D  
 Acq: 30 Jan 2020 14:41

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.1  | 32.9  | 49.3  |
| 164     | 33.6  | 27.5  | 41.3  |

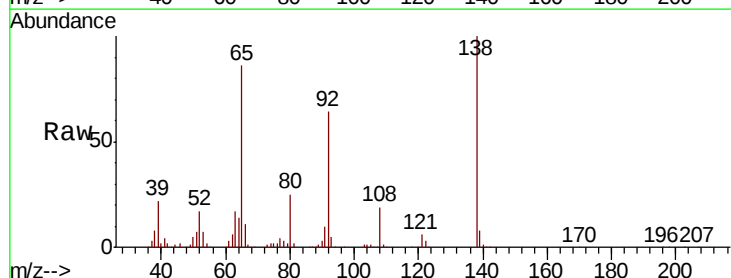


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

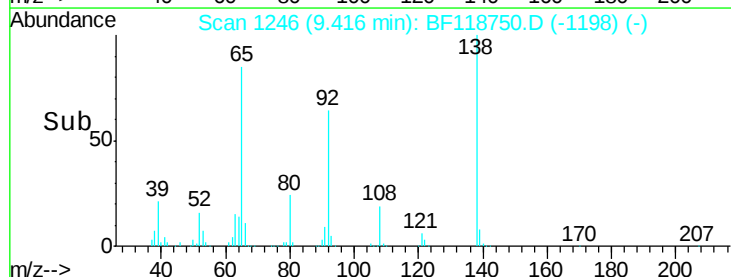
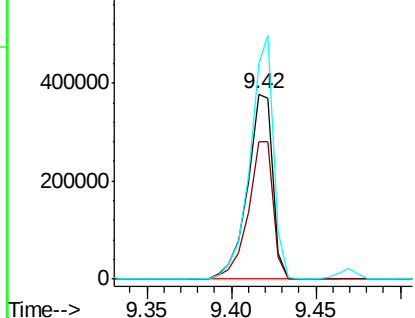


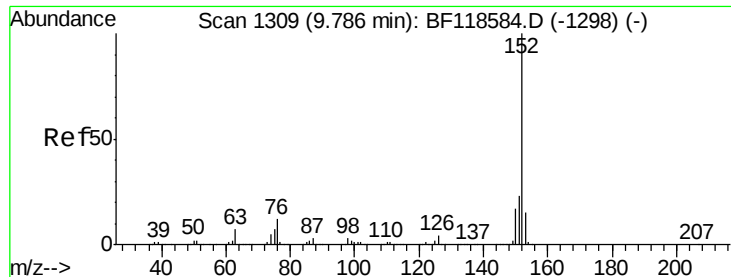
#48  
 2-Nitroaniline  
 Concen: 32.289 ng  
 RT: 9.42 min Scan# 1246  
 Delta R.T. -0.02 min  
 Lab File: BF118750.D  
 Acq: 30 Jan 2020 14:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.0  | 57.8  | 86.6  |
| 138     | 116.4 | 95.1  | 142.7 |



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





#49

Acenaphthylene

Concen: 39.598 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampleId :

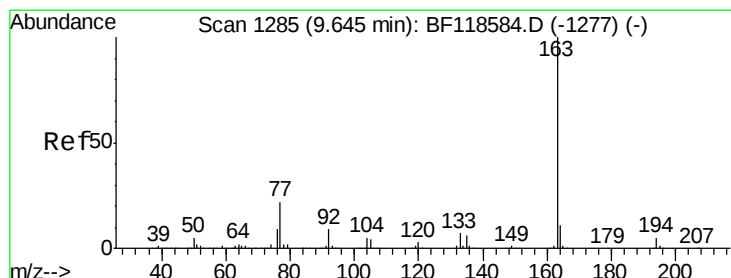
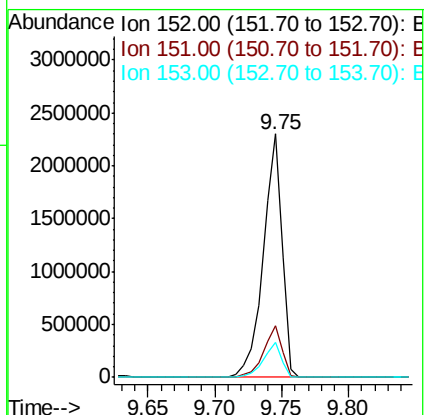
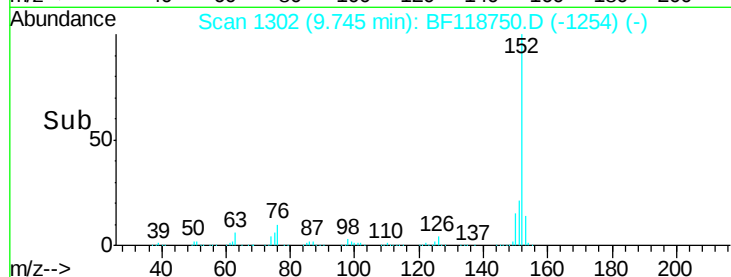
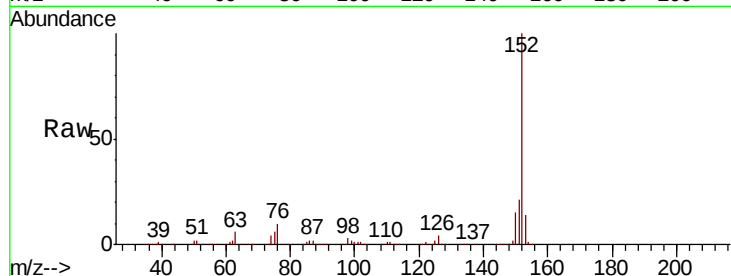
Tot Ion:152 Resp: 2223151

Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

153 14.2 11.0 16.4



#50

Dimethylphthalate

Concen: 38.667 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

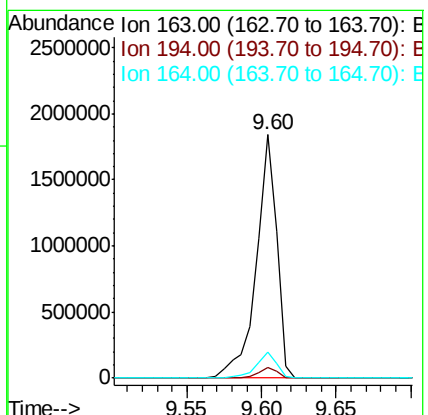
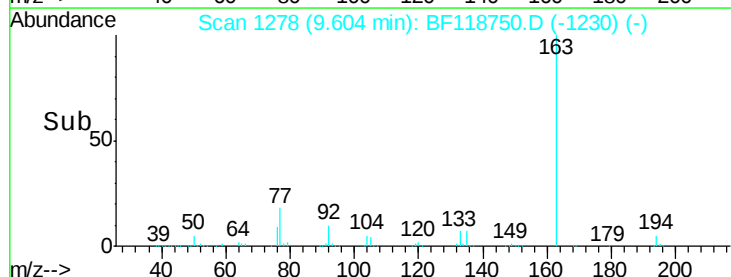
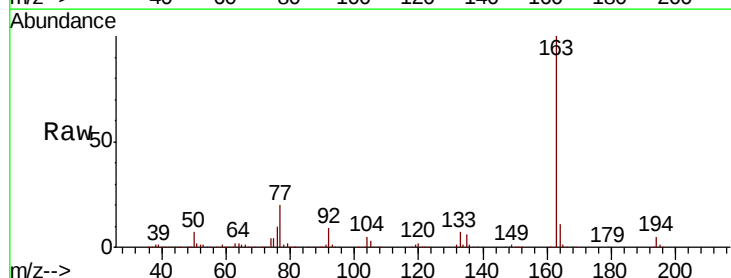
Tgt Ion:163 Resp: 1730695

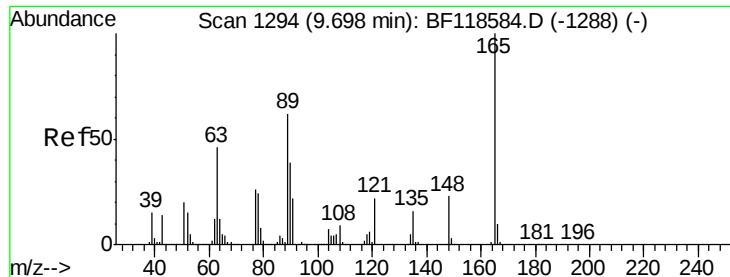
Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

164 10.8 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 40.502 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampleId :

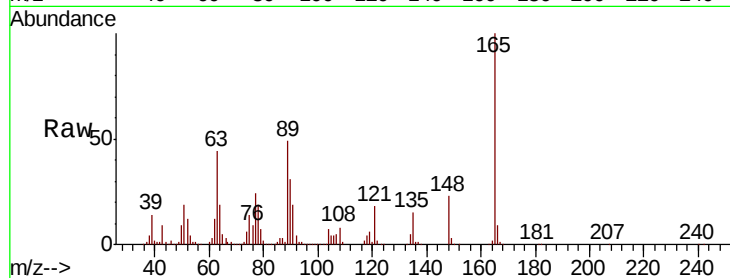
Tot Ion:165 Resp: 405943

Ion Ratio Lower Upper

165 100

63 44.2 39.8 59.6

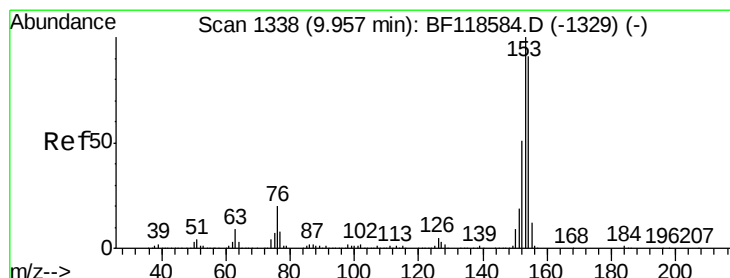
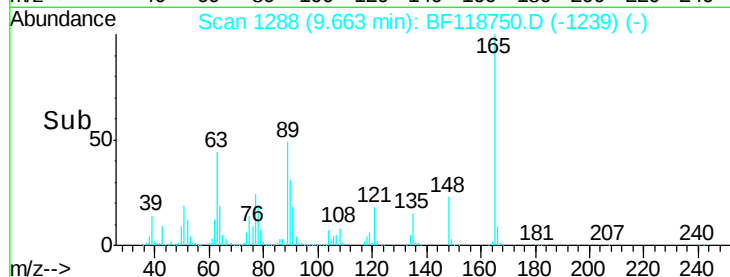
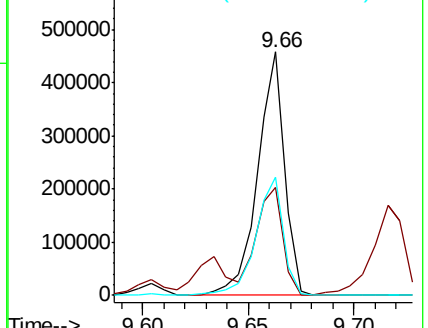
89 48.6 41.4 62.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.664 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

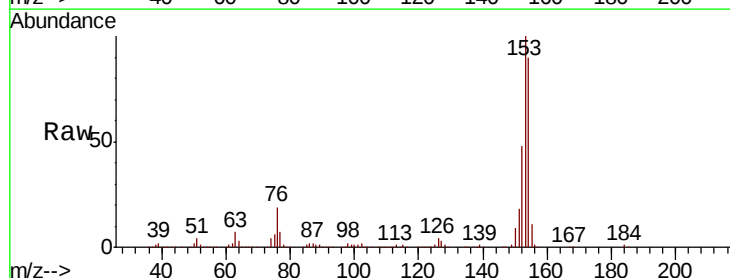
Tgt Ion:154 Resp: 1526581

Ion Ratio Lower Upper

154 100

153 111.4 89.1 133.7

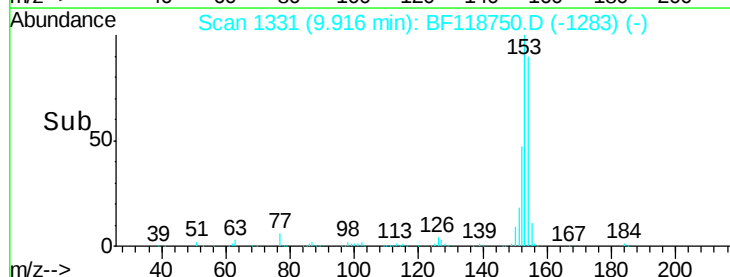
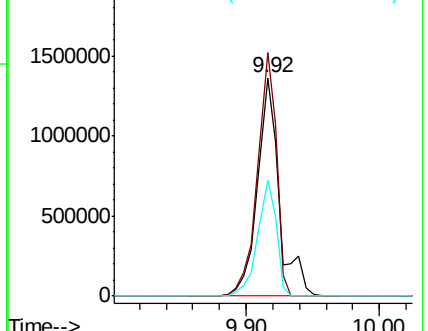
152 53.0 43.0 64.6

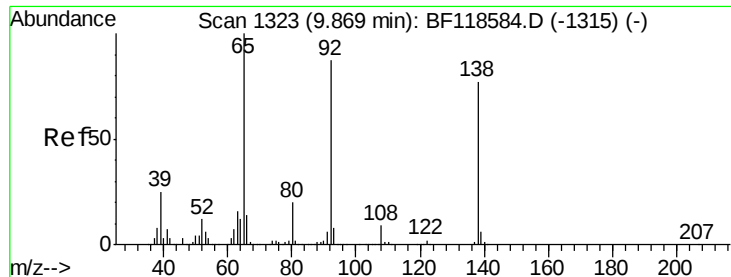


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

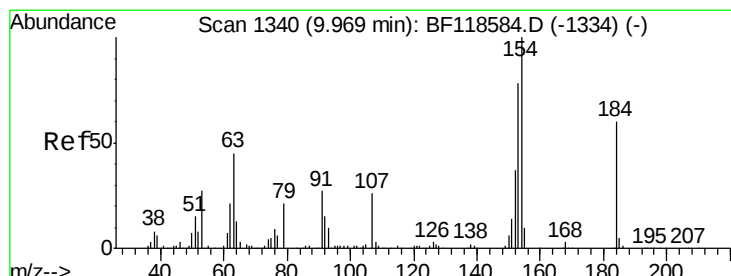
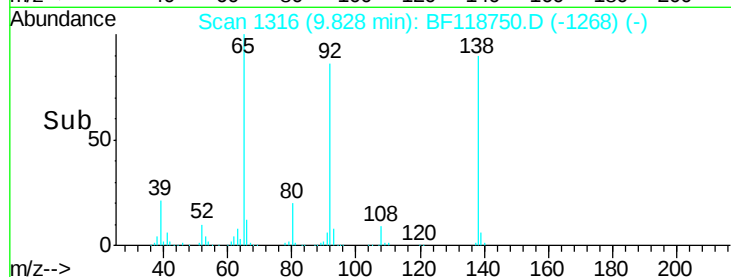
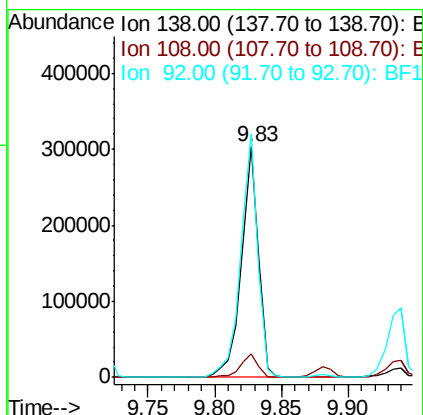
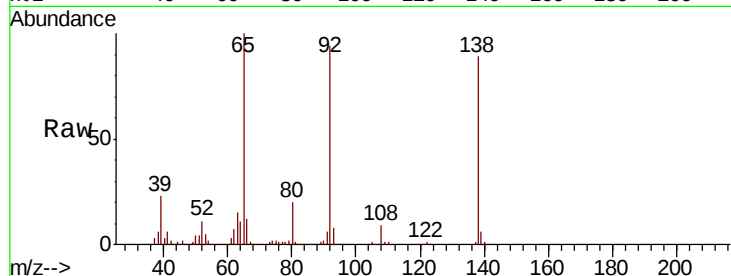




#53  
3-Nitroaniline  
Concen: 23.729 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

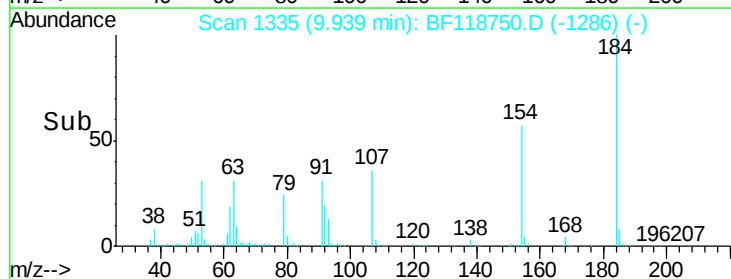
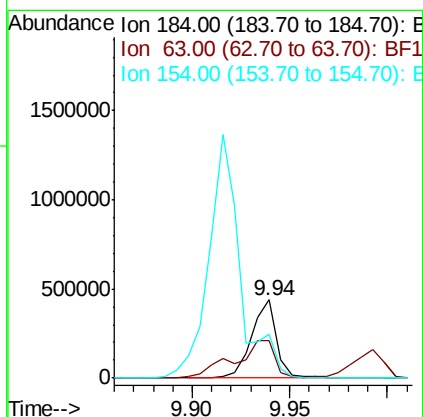
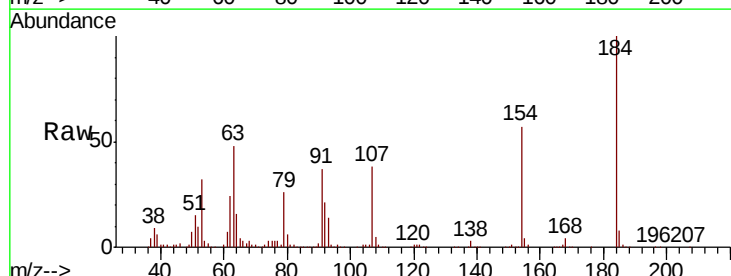
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 271575  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.8 13.2  
92 105.6 87.8 131.6



#54  
2,4-Dinitrophenol  
Concen: 97.537 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. -0.01 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Tgt Ion:184 Resp: 390278  
Ion Ratio Lower Upper  
184 100  
63 48.0 36.0 54.0  
154 56.6 44.6 66.8

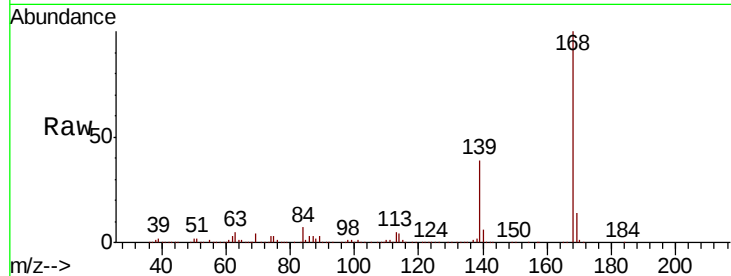




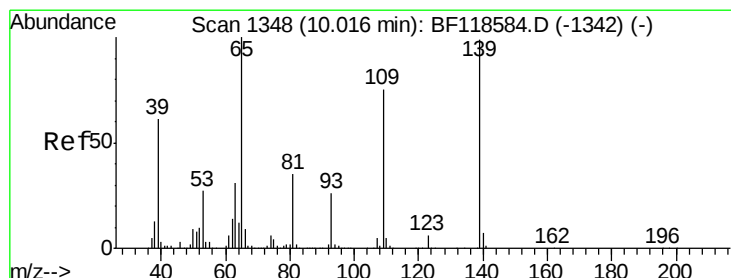
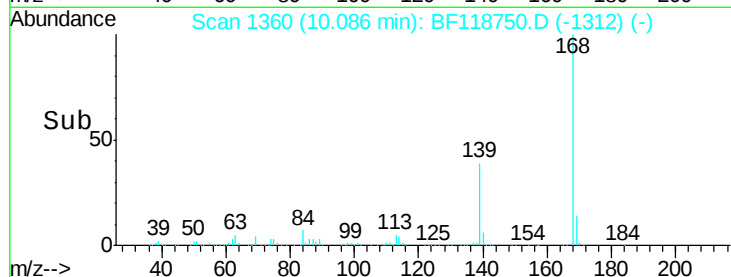
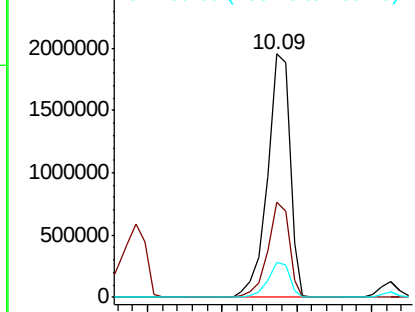
#55  
Dibenzofuran  
Concen: 39.105 ng  
RT: 10.09 min Scan# 1360  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 2034432  
Ion Ratio Lower Upper  
168 100  
139 39.3 31.6 47.4  
169 14.4 11.4 17.0

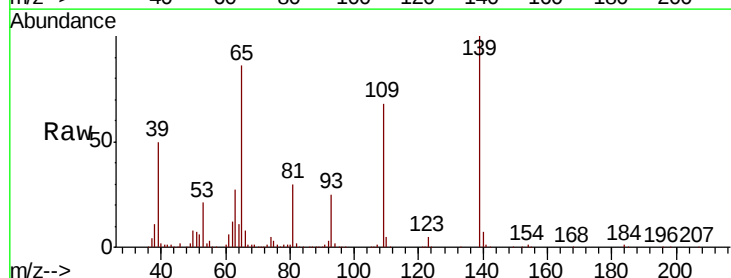


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

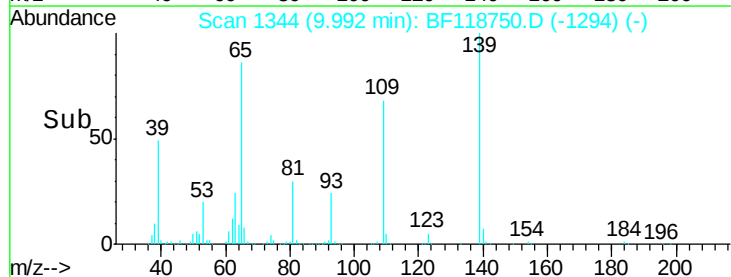
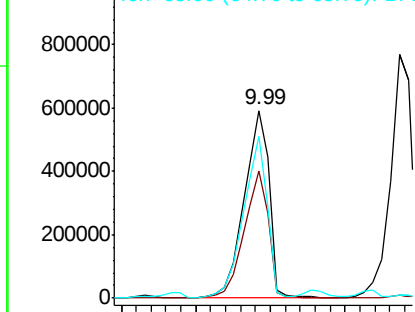


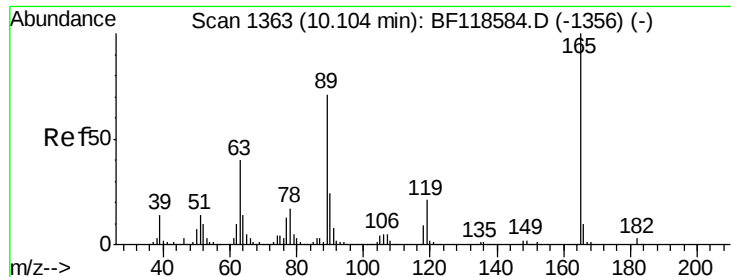
#56  
4-Nitrophenol  
Concen: 78.585 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. -0.01 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Tgt Ion:139 Resp: 678942  
Ion Ratio Lower Upper  
139 100  
109 67.7 47.0 87.0  
65 86.0 65.7 105.7



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

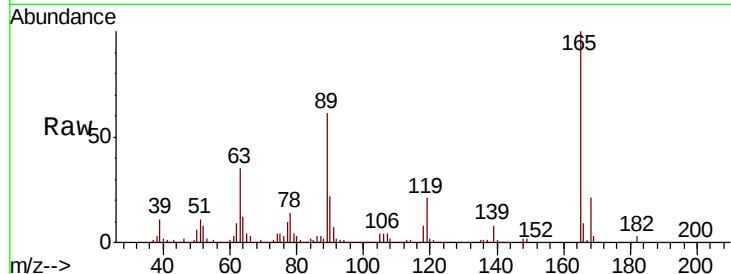




#57  
2,4-Dinitrotoluene  
Concen: 42.720 ng  
RT: 10.07 min Scan# 1357  
Delta R.T. -0.01 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 34.8  | 28.5  | 42.7  |
| 89      | 61.3  | 50.4  | 75.6  |
| 182     | 3.3   | 2.3   | 3.5   |

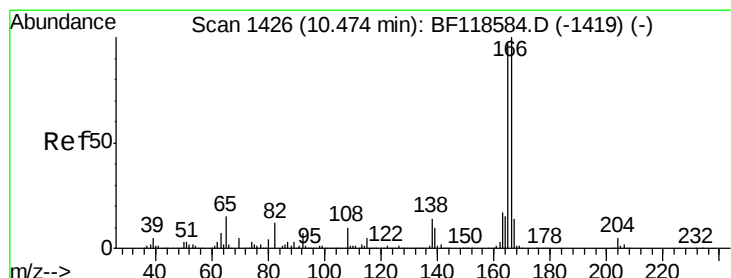
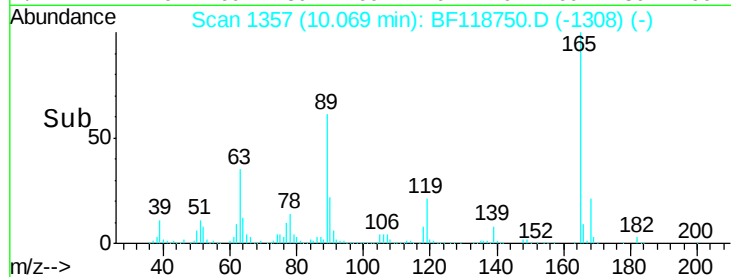
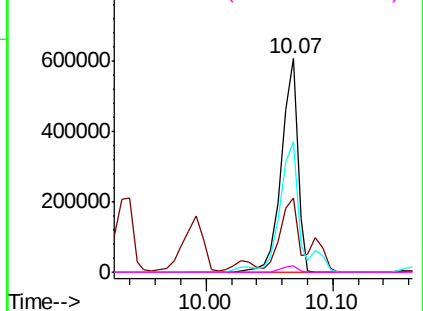


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

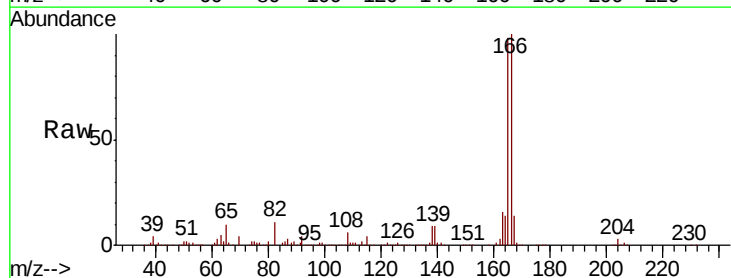
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 37.604 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. -0.01 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

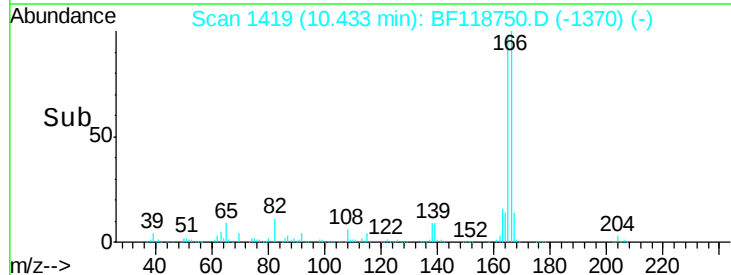
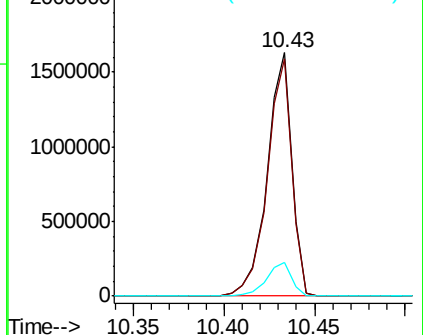
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.5  | 78.6  | 118.0 |
| 167     | 13.6  | 11.4  | 17.2  |

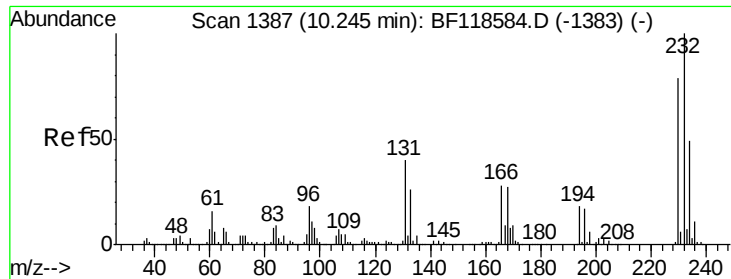


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

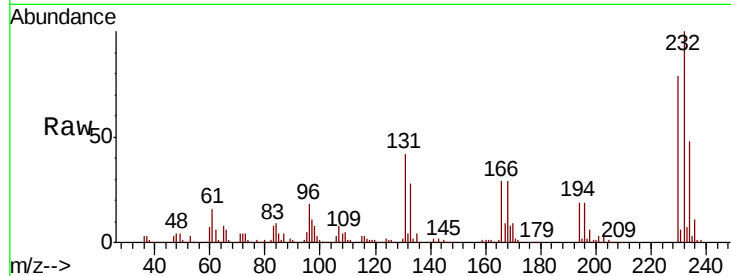




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 36.872 ng  
 RT: 10.20 min Scan# 1380  
 Delta R.T. -0.02 min  
 Lab File: BF118750.D  
 Acq: 30 Jan 2020 14:41

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 40.6  | 31.8  | 47.6  |
| 130     | 2.0   | 1.5   | 2.3   |
| 166     | 28.9  | 22.8  | 34.2  |



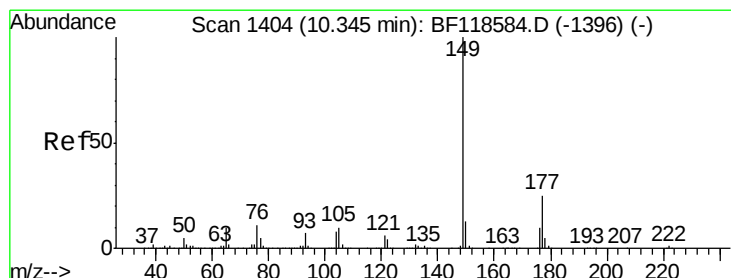
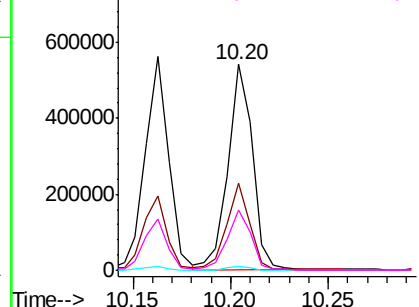
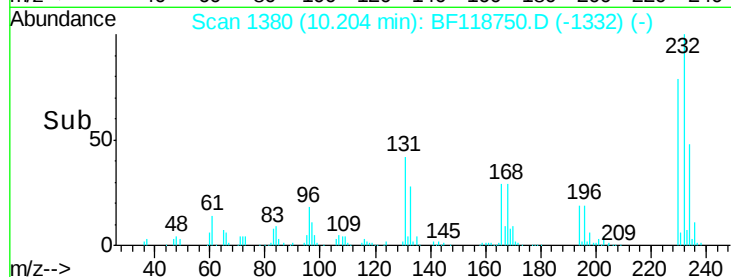
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

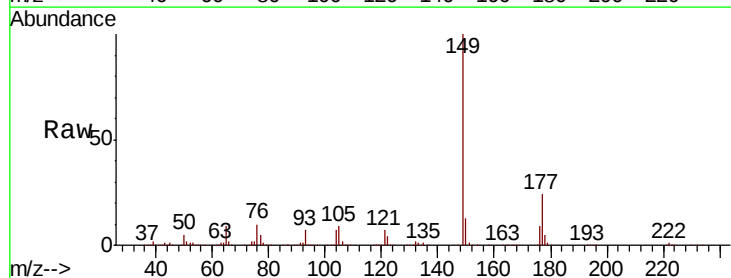
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 42.876 ng  
 RT: 10.30 min Scan# 1397  
 Delta R.T. -0.01 min  
 Lab File: BF118750.D  
 Acq: 30 Jan 2020 14:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.8  | 19.1  | 28.7  |
| 150     | 13.3  | 10.5  | 15.7  |

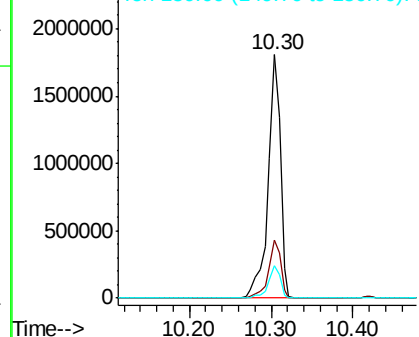
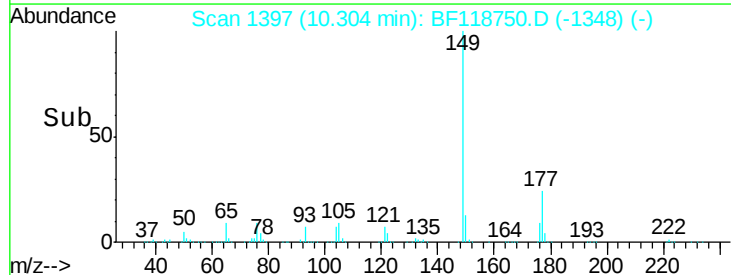


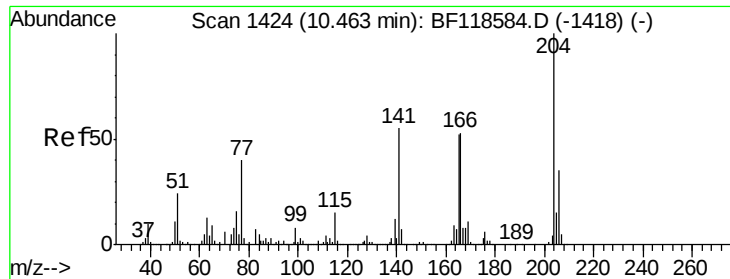
Abundance

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

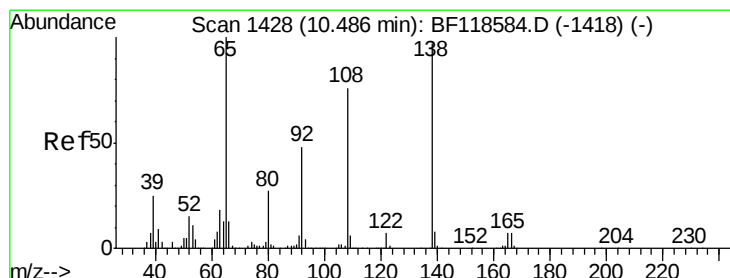
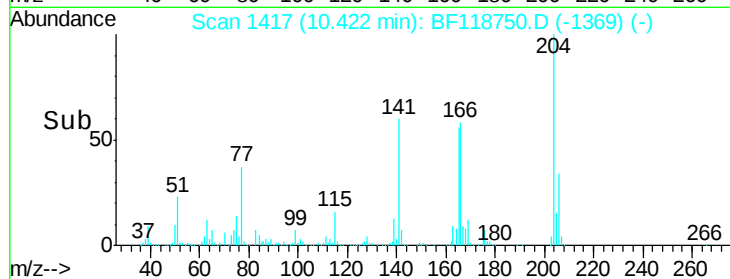
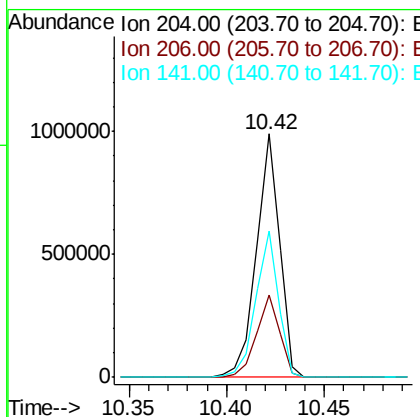
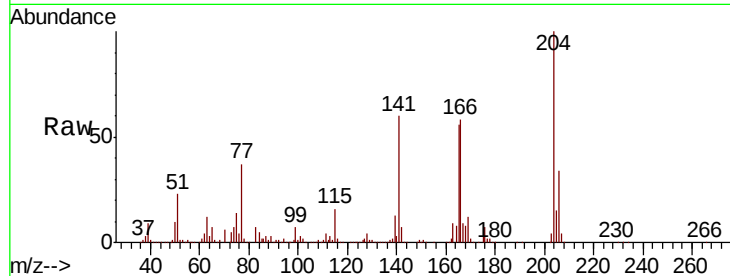




#61  
4-Chlorophenyl-phenylether  
Concen: 36.817 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

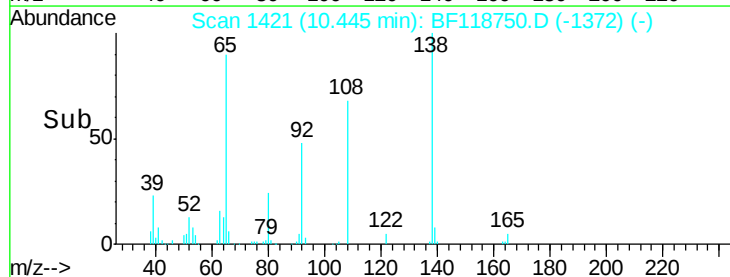
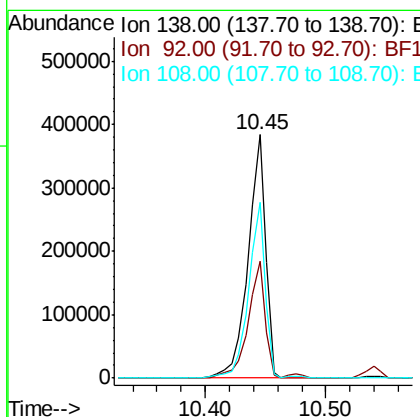
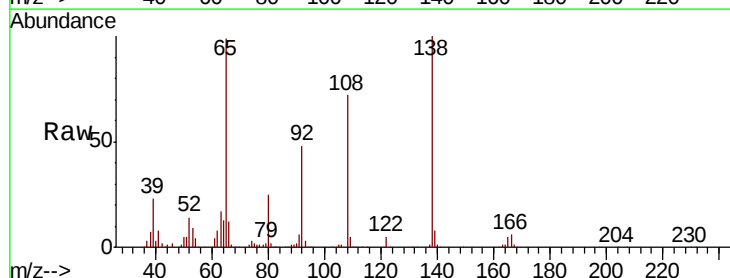
Instrument :  
BNA\_F  
ClientSampleId :

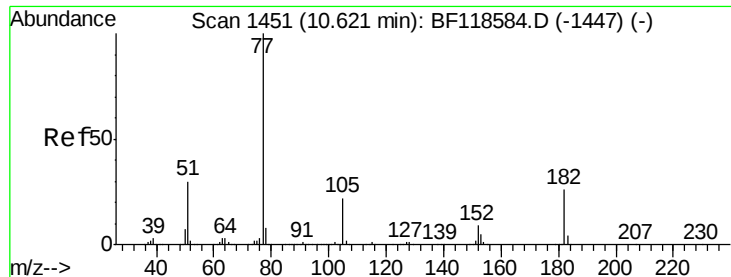
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.9  | 27.0  | 40.6  |
| 141     | 60.2  | 43.9  | 65.9  |



#62  
4-Nitroaniline  
Concen: 33.459 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. -0.01 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.2  | 29.2  | 69.2  |
| 108     | 72.0  | 50.8  | 90.8  |





#63

Azobenzene

Concen: 36.027 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

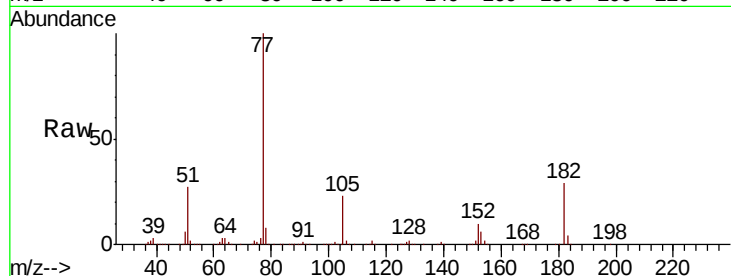
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 1514172

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 29.5  | 12.3  | 52.3  |
| 105 | 23.1  | 4.0   | 44.0  |
| 51  | 27.4  | 7.2   | 47.2  |

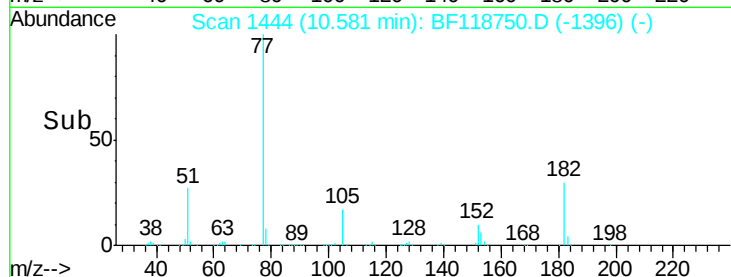


Abundance Ion 77.00 (76.70 to 77.70): BF1

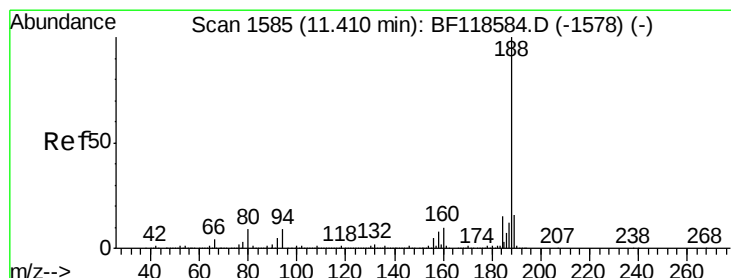
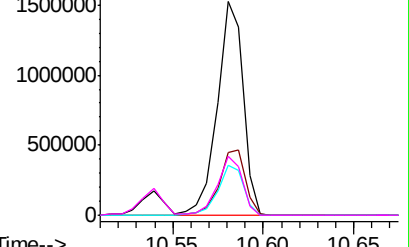
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

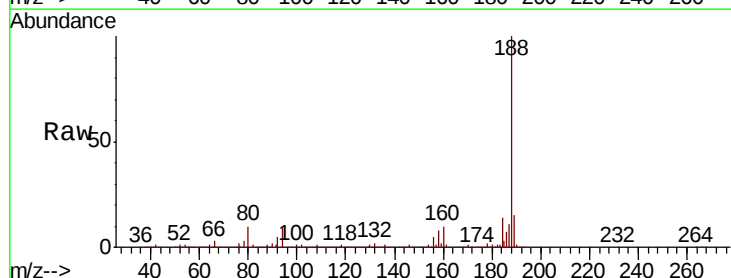
Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Tgt Ion: 188 Resp: 1306651

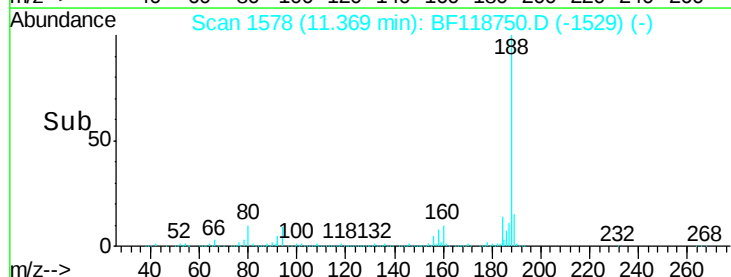
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.1   | 7.4   | 11.2  |
| 80  | 9.8   | 7.8   | 11.8  |



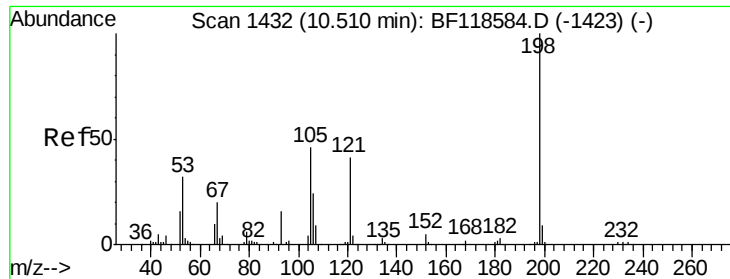
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 51.859 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampled :

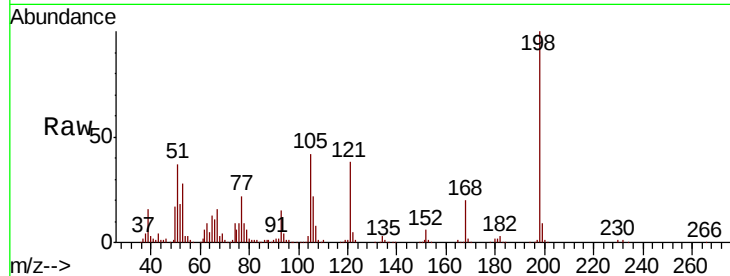
Tot Ion:198 Resp: 297964

Ion Ratio Lower Upper

198 100

51 37.0 9.6 49.6

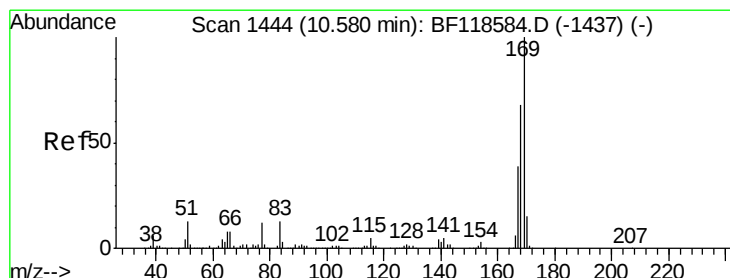
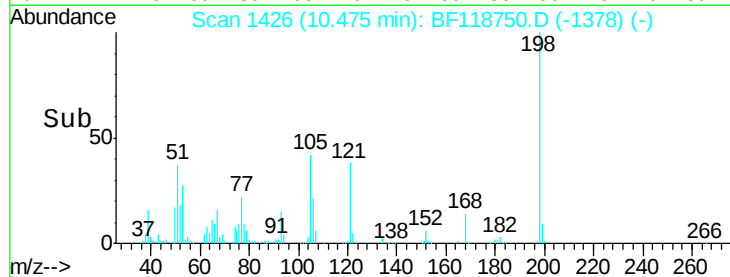
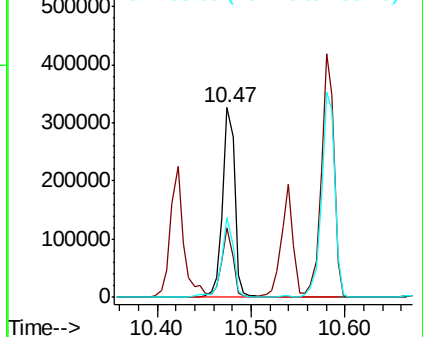
105 41.8 15.5 55.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.928 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

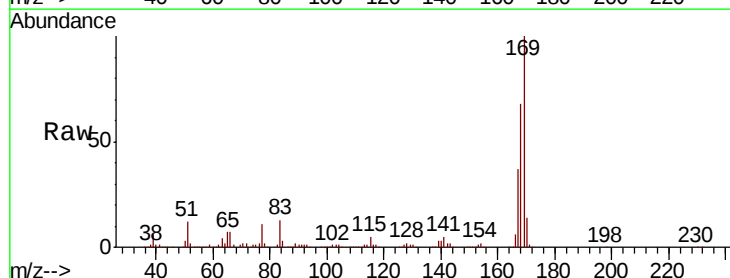
Tgt Ion:169 Resp: 1455166

Ion Ratio Lower Upper

169 100

168 67.6 53.4 80.0

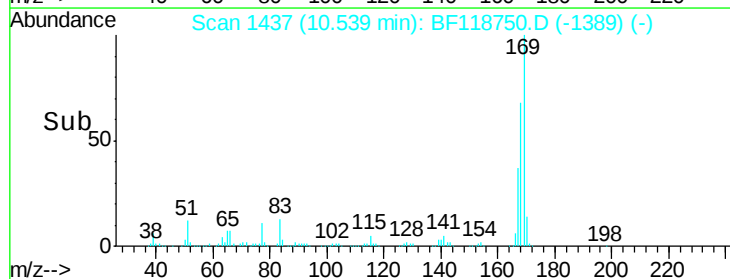
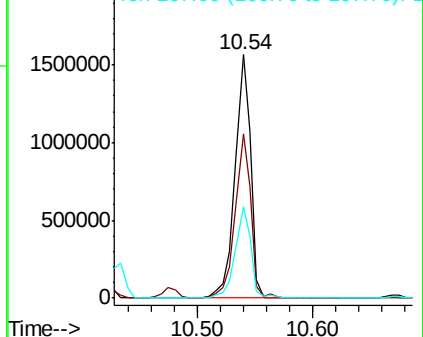
167 37.3 29.2 43.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

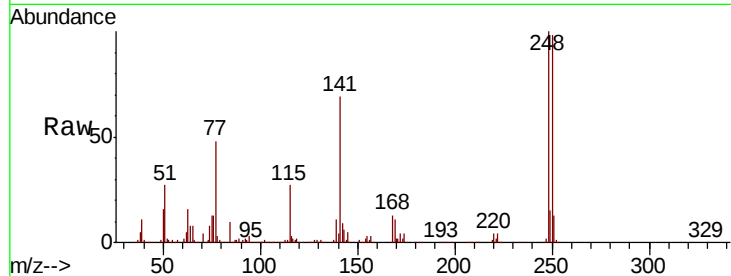




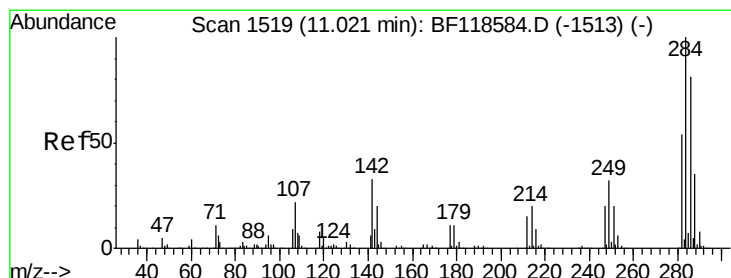
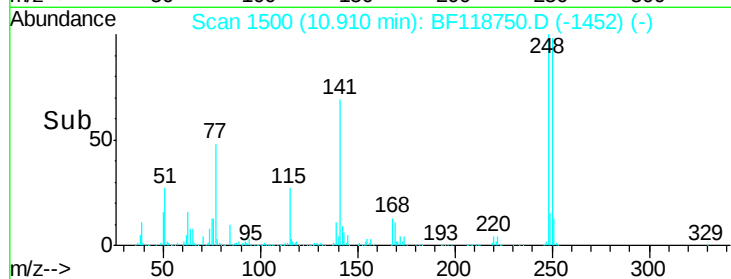
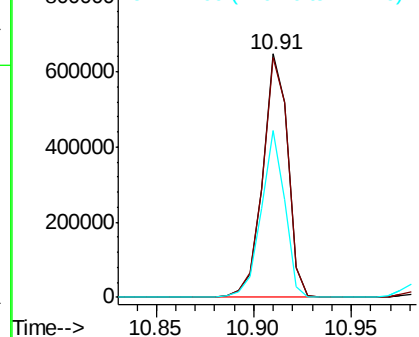
#67  
4-Bromophenyl-phenylether  
Concen: 35.503 ng  
RT: 10.91 min Scan# 1500  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:248 Resp: 573129  
Ion Ratio Lower Upper  
248 100  
250 98.4 78.7 118.1  
141 68.6 48.4 72.6

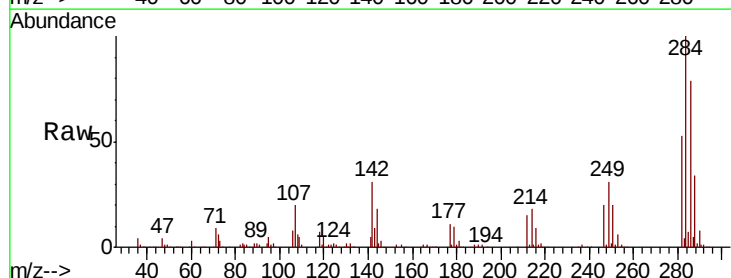


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

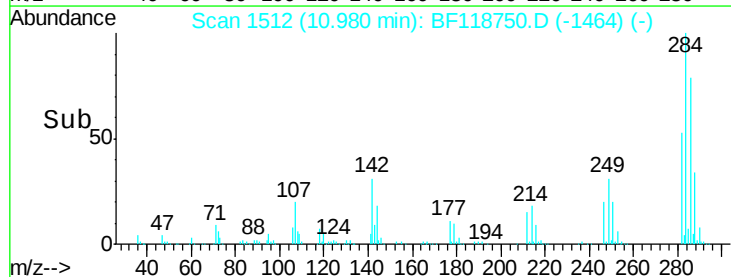
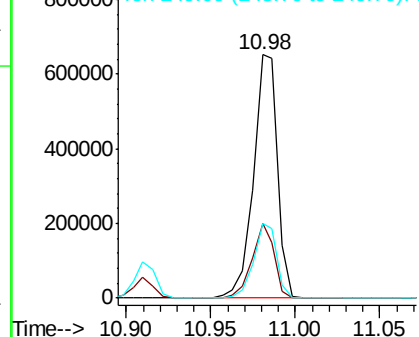


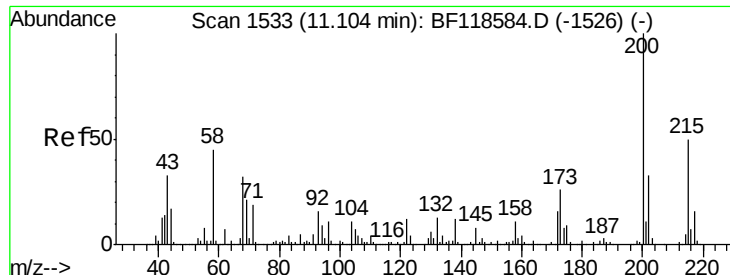
#68  
Hexachlorobenzene  
Concen: 35.351 ng  
RT: 10.98 min Scan# 1512  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Tgt Ion:284 Resp: 647001  
Ion Ratio Lower Upper  
284 100  
142 30.9 23.1 34.7  
249 30.8 24.0 36.0



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

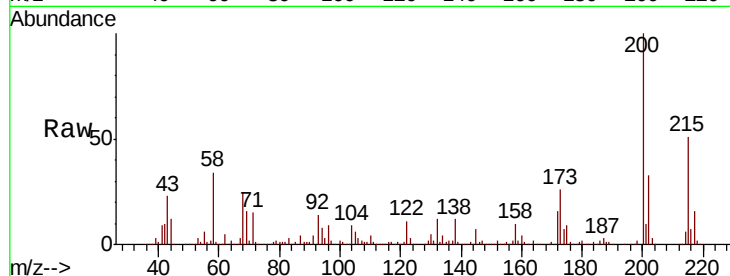




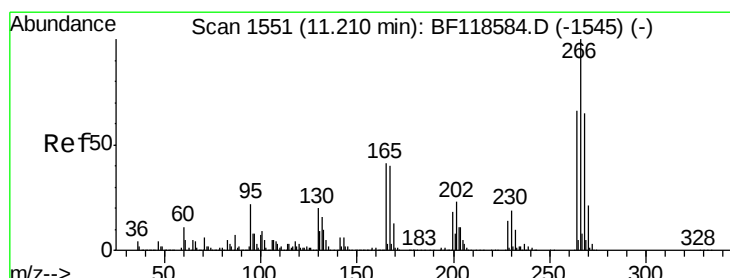
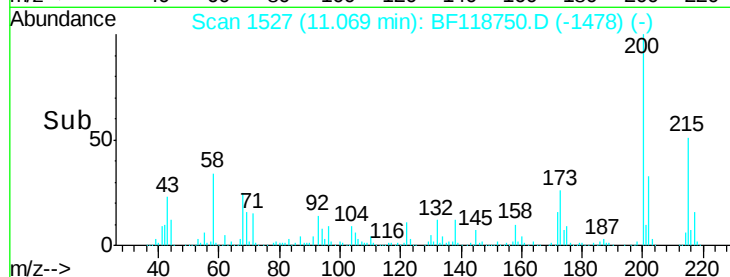
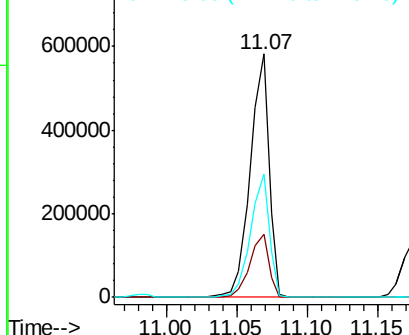
#69  
Atrazine  
Concen: 40.063 ng  
RT: 11.07 min Scan# 1527  
Delta R.T. -0.01 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.1  | 6.8   | 46.8  |
| 215     | 50.6  | 30.4  | 70.4  |

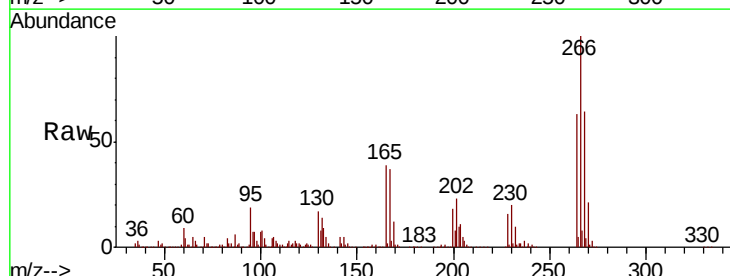


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

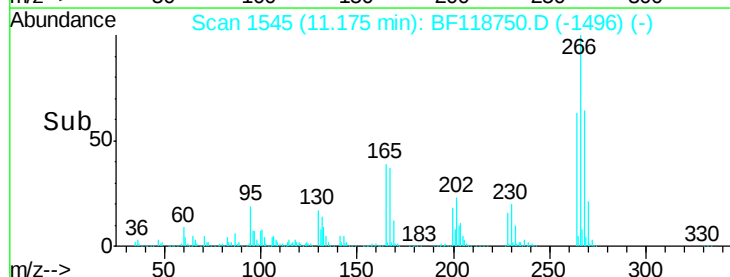
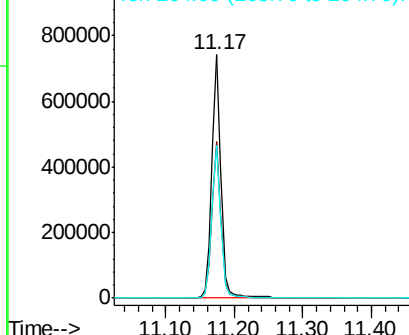


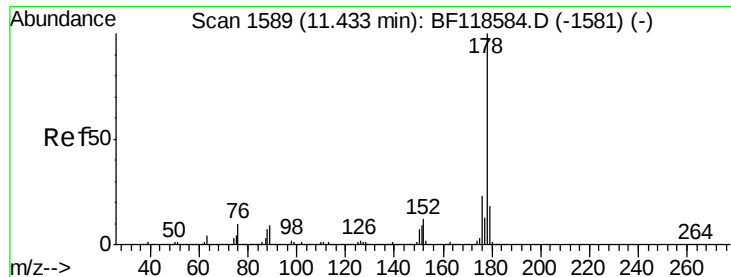
#70  
Pentachlorophenol  
Concen: 69.354 ng  
RT: 11.17 min Scan# 1545  
Delta R.T. -0.01 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.2  | 51.6  | 77.4  |
| 264     | 62.7  | 50.9  | 76.3  |



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

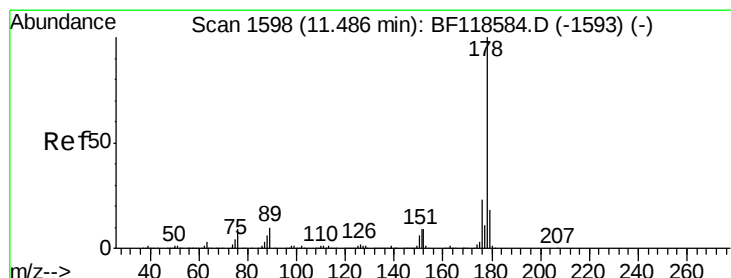
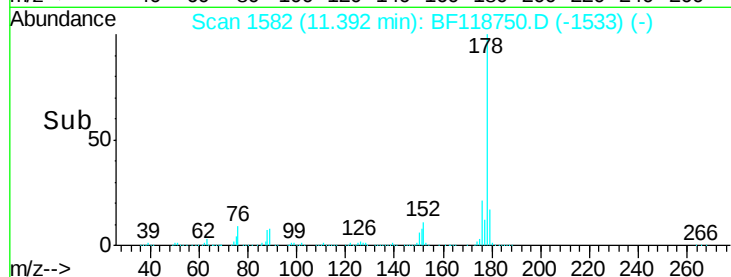
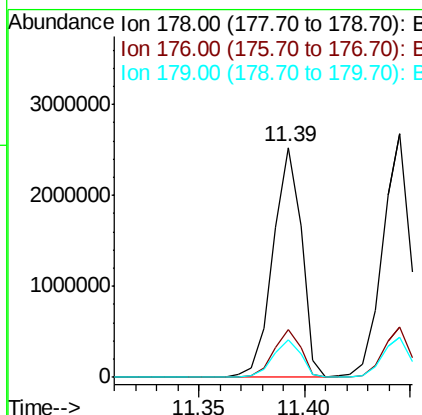
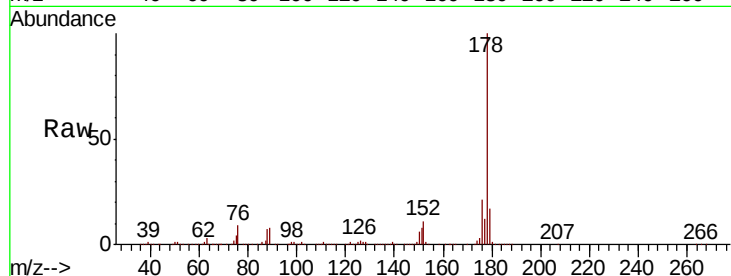




#71  
Phenanthrene  
Concen: 37.684 ng  
RT: 11.39 min Scan# 1582  
Delta R.T. -0.01 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

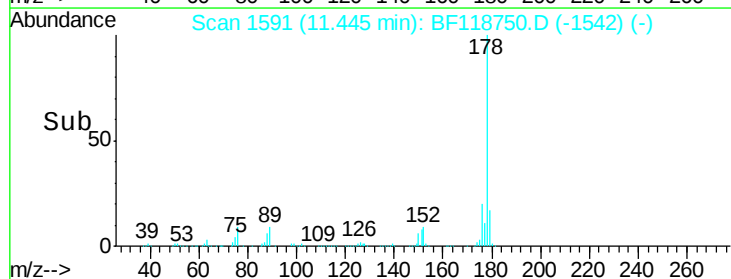
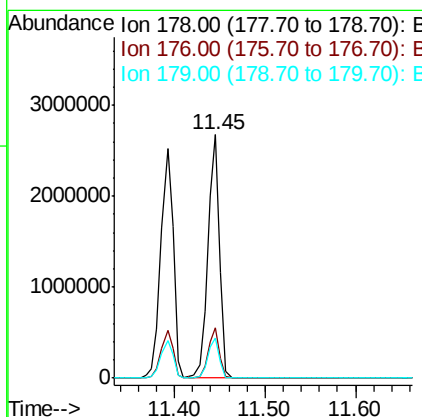
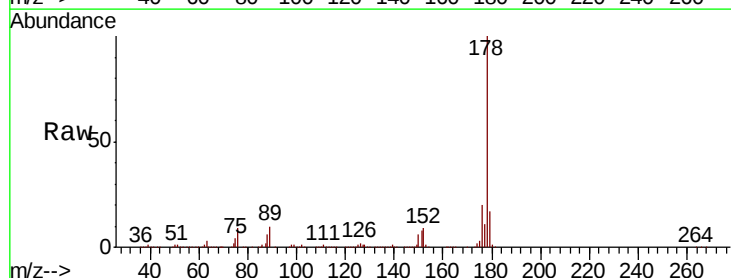
Instrument :  
BNA\_F  
ClientSampleId :

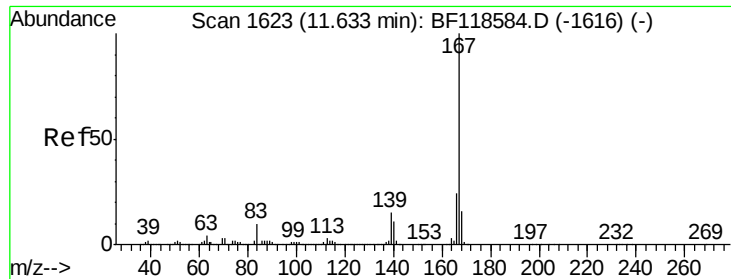
Tot Ion:178 Resp: 2375569  
Ion Ratio Lower Upper  
178 100  
176 20.5 16.5 24.7  
179 16.6 13.3 19.9



#72  
Anthracene  
Concen: 38.794 ng  
RT: 11.45 min Scan# 1591  
Delta R.T. -0.01 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Tgt Ion:178 Resp: 2419821  
Ion Ratio Lower Upper  
178 100  
176 20.5 15.8 23.8  
179 16.7 13.3 19.9



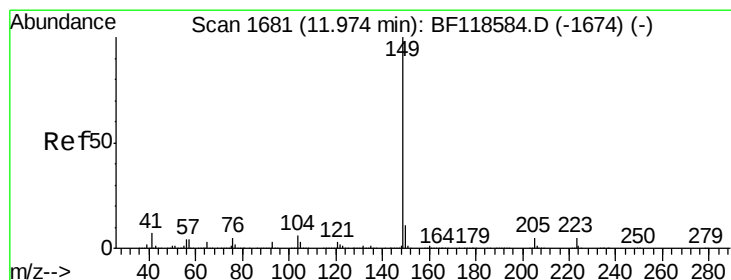
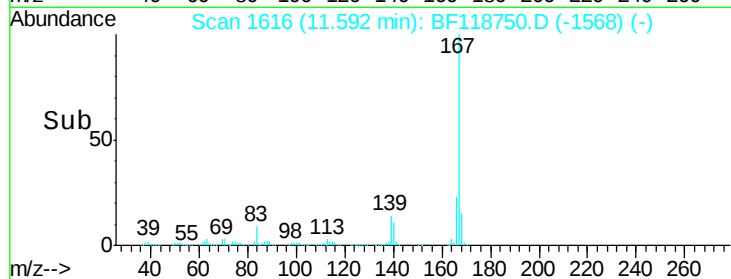
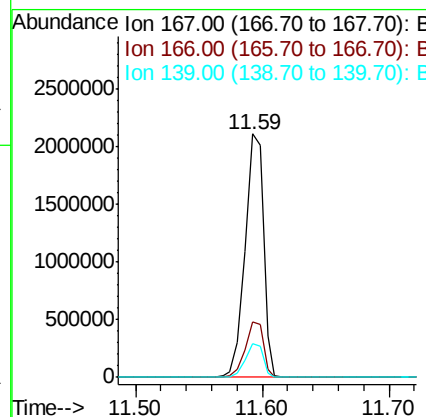
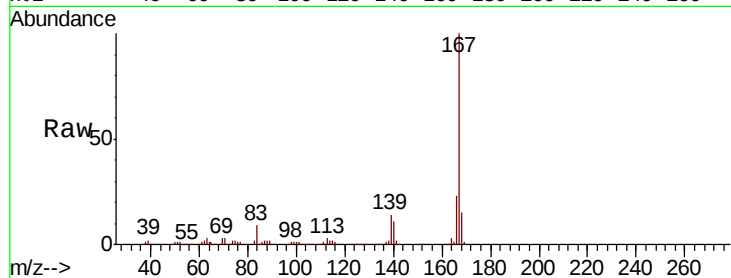


#73  
 Carbazole  
 Concen: 36.788 ng  
 RT: 11.59 min Scan# 1616  
 Delta R.T. -0.02 min  
 Lab File: BF118750.D  
 Acq: 30 Jan 2020 14:41

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:167 Resp: 2104769  

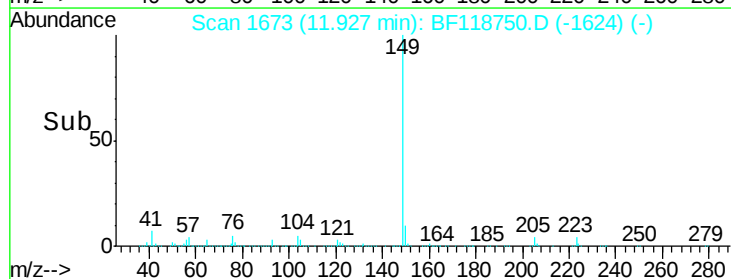
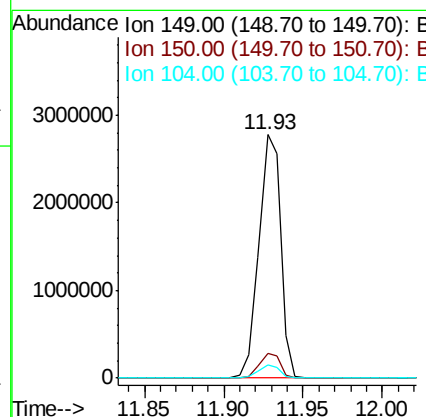
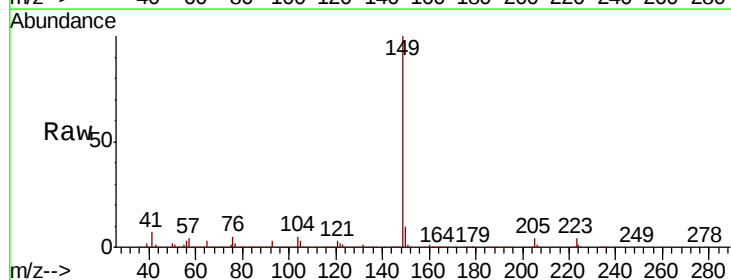
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.9  | 18.3  | 27.5  |
| 139 | 13.6  | 11.0  | 16.4  |



#74  
 Di-n-butylphthalate  
 Concen: 41.860 ng  
 RT: 11.93 min Scan# 1673  
 Delta R.T. -0.01 min  
 Lab File: BF118750.D  
 Acq: 30 Jan 2020 14:41

Tgt Ion:149 Resp: 2660868  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.2  | 8.2   | 12.2  |
| 104 | 5.4   | 4.2   | 6.4   |





#75

Fluoranthene

Concen: 38.459 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampleId :

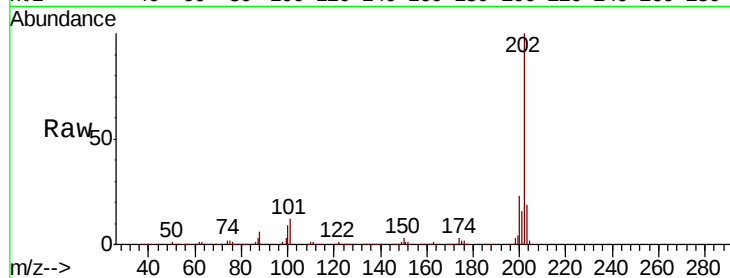
Tot Ion:202 Resp: 2557066

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.1

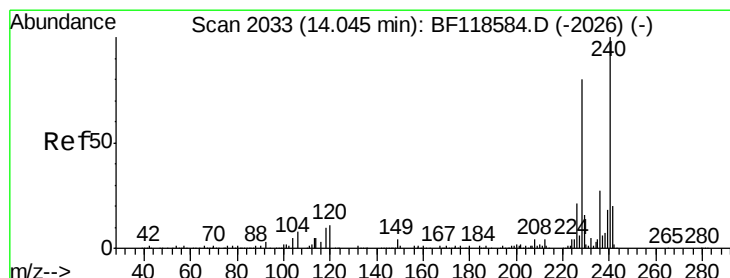
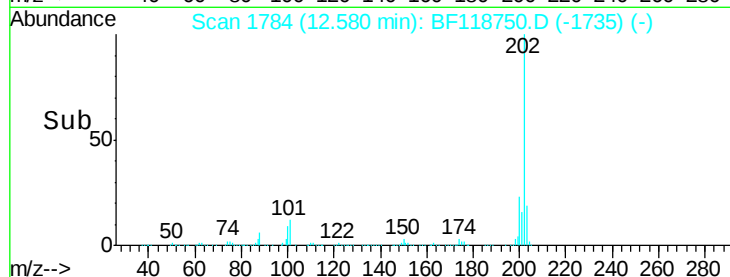
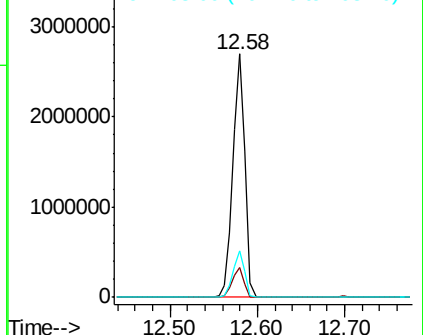
203 19.2 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

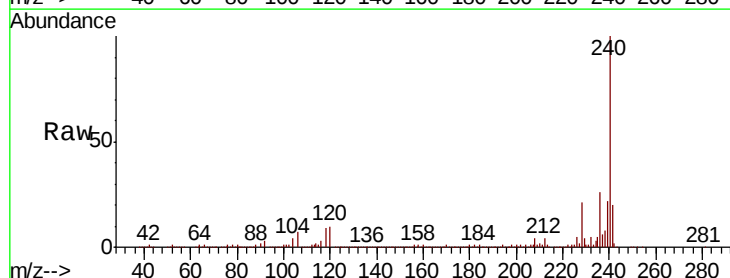
Tgt Ion:240 Resp: 1002642

Ion Ratio Lower Upper

240 100

120 10.2 7.6 11.4

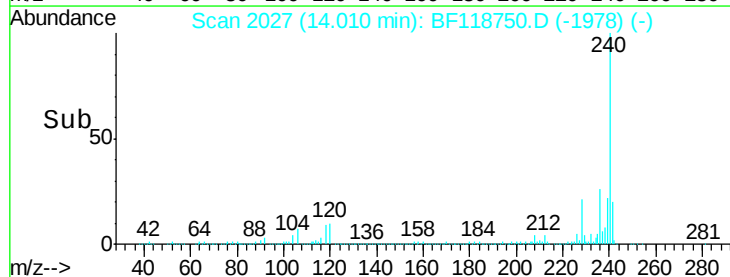
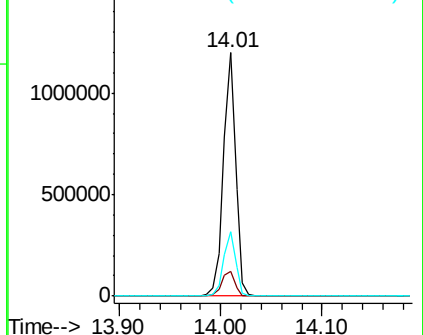
236 26.5 21.0 31.4

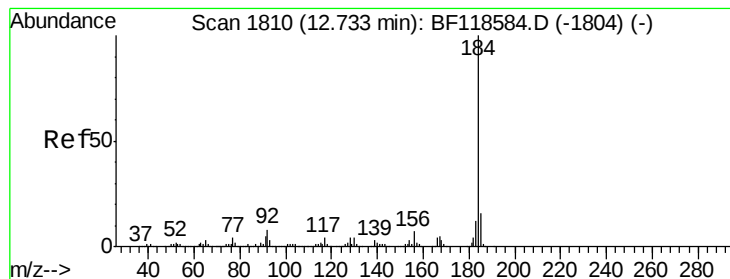


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.095 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampleId :

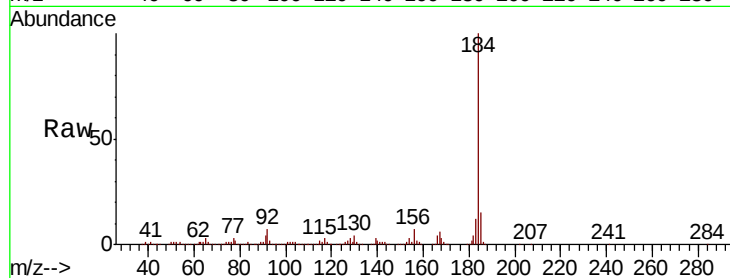
Tot Ion:184 Resp: 1529559

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.8

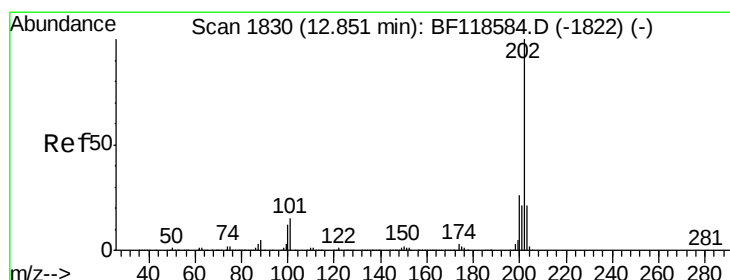
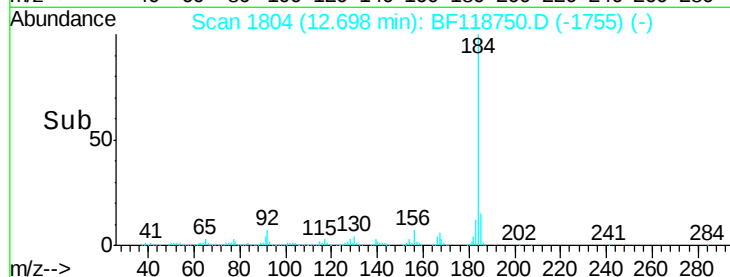
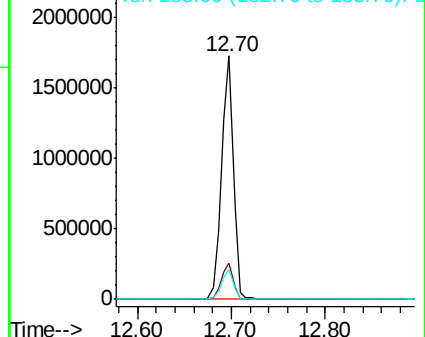
183 12.5 9.7 14.5



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: 37.842 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

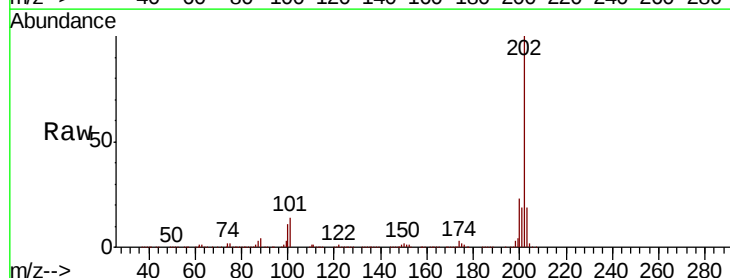
Tgt Ion:202 Resp: 2575897

Ion Ratio Lower Upper

202 100

200 23.0 18.1 27.1

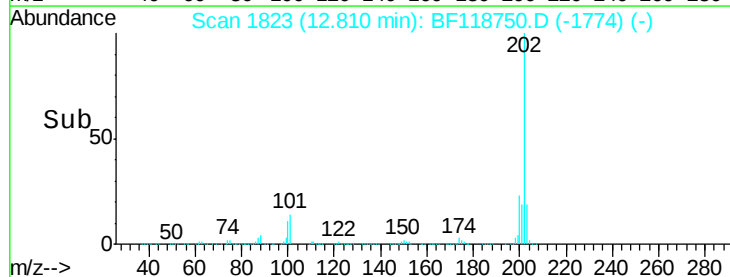
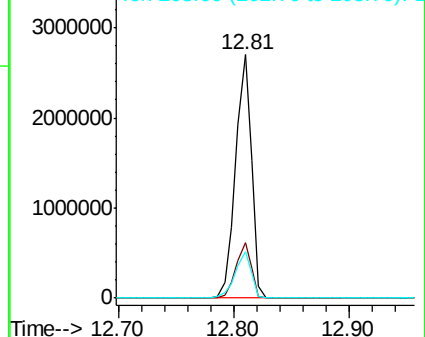
203 19.1 15.2 22.8

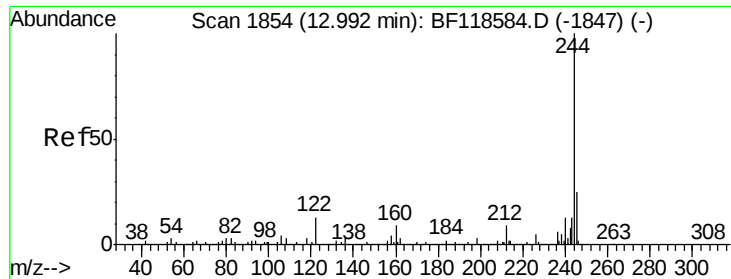


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.914 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampleId :

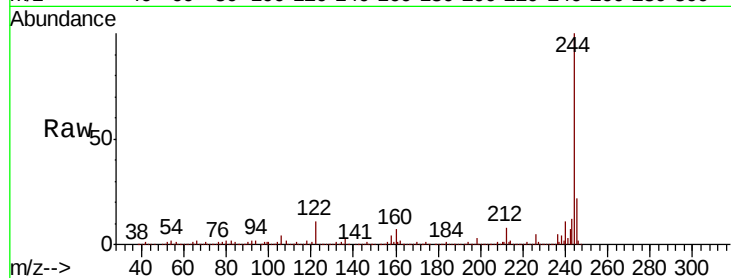
Tot Ion:244 Resp: 3259906

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

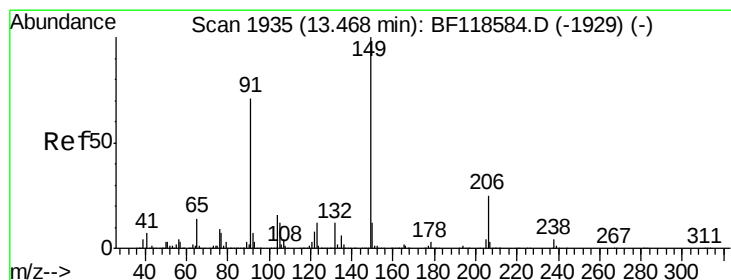
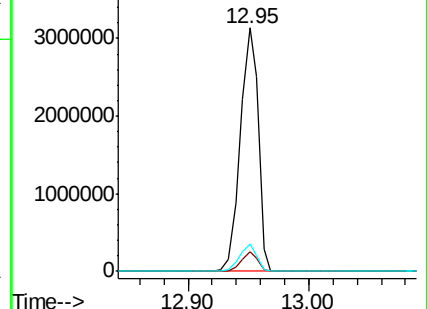
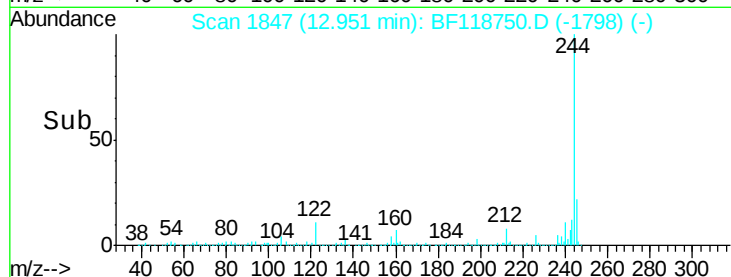
122 11.2 9.2 13.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.508 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

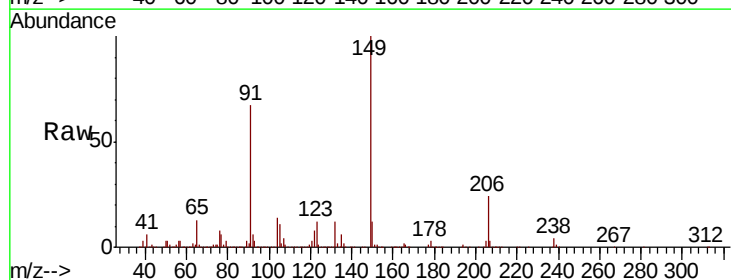
Tgt Ion:149 Resp: 1156359

Ion Ratio Lower Upper

149 100

91 66.5 49.6 74.4

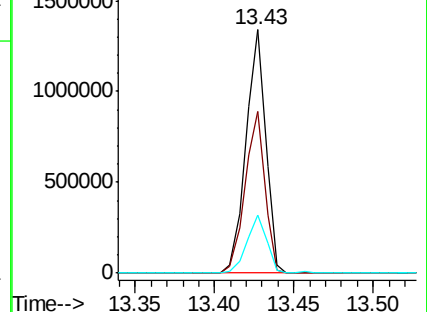
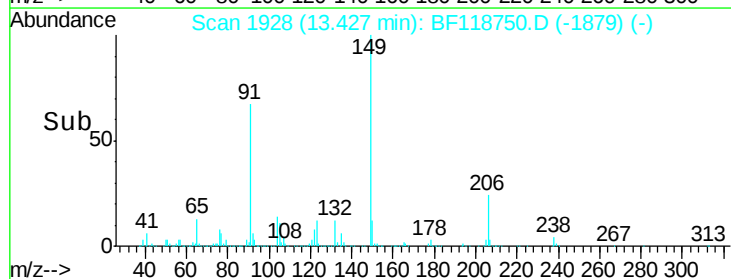
206 24.1 19.9 29.9

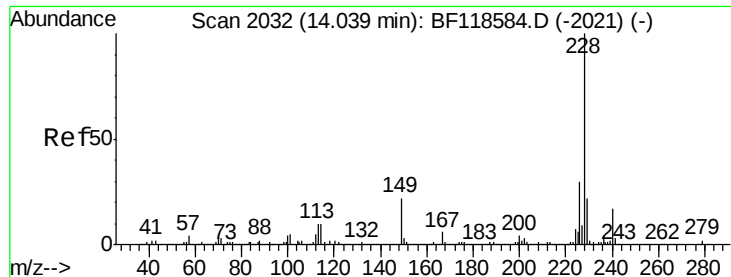


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

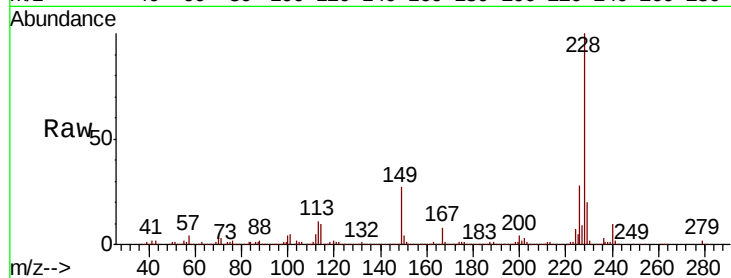




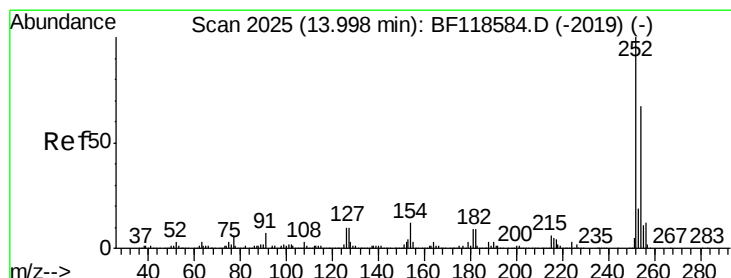
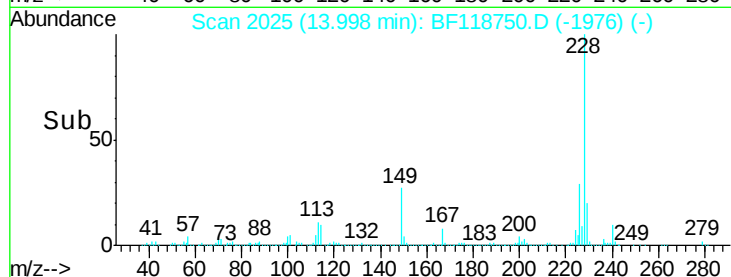
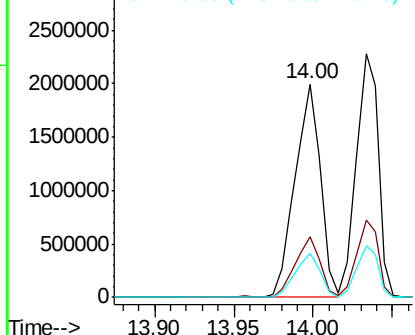
#81  
Benzo(a)anthracene  
Concen: 36.917 ng  
RT: 14.00 min Scan# 2025  
Delta R.T. -0.01 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:228 Resp: 2226618  
Ion Ratio Lower Upper  
228 100  
226 28.5 22.6 34.0  
229 20.4 16.6 25.0

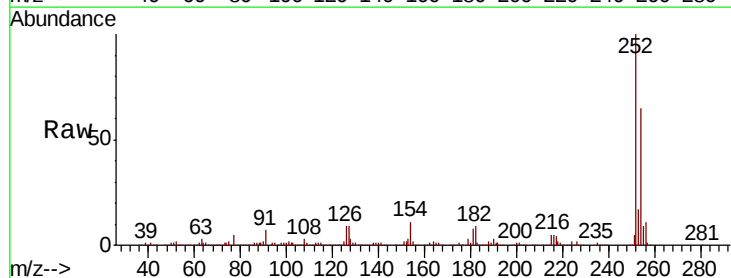


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

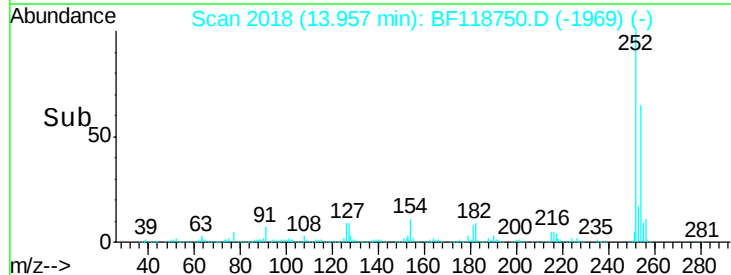
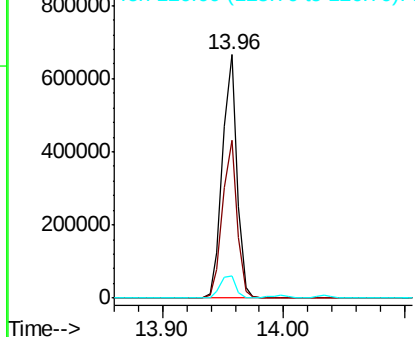


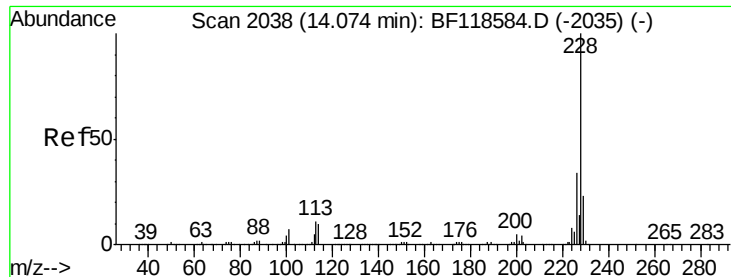
#82  
3,3'-Dichlorobenzidine  
Concen: 25.731 ng  
RT: 13.96 min Scan# 2018  
Delta R.T. -0.01 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Tgt Ion:252 Resp: 553014  
Ion Ratio Lower Upper  
252 100  
254 64.9 52.6 78.8  
126 9.2 8.1 12.1



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

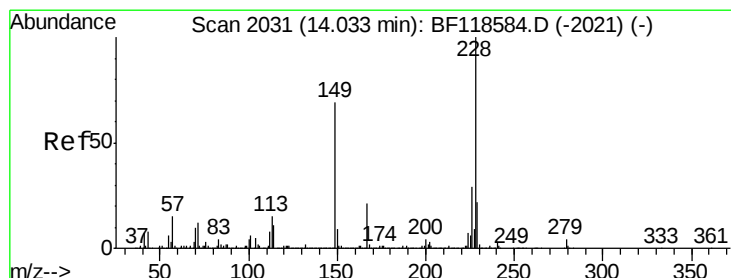
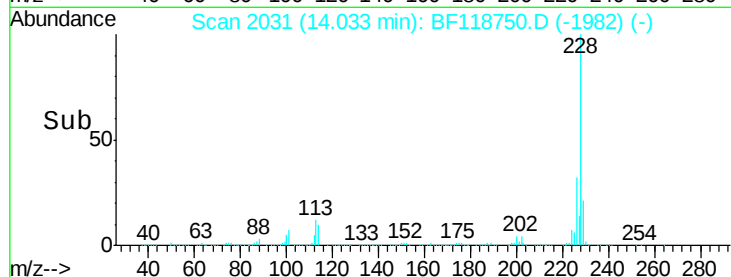
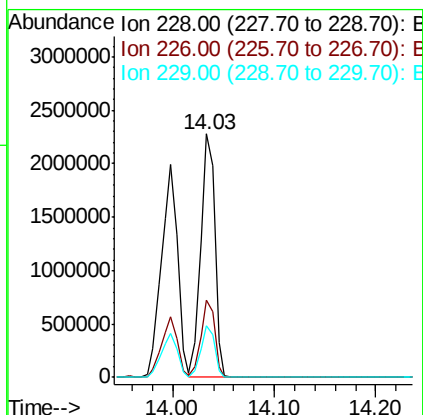
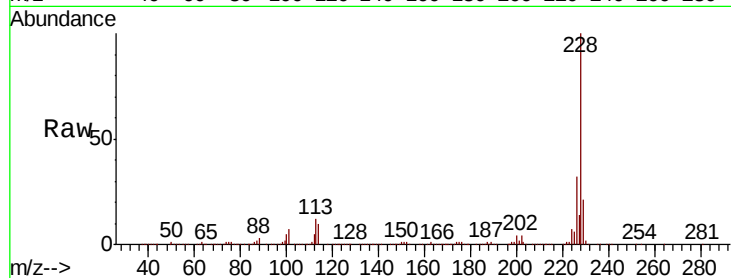




#83  
 Chrvsene  
 Concen: 38.210 ng  
 RT: 14.03 min Scan# 2031  
 Delta R.T. -0.01 min  
 Lab File: BF118750.D  
 Acq: 30 Jan 2020 14:41

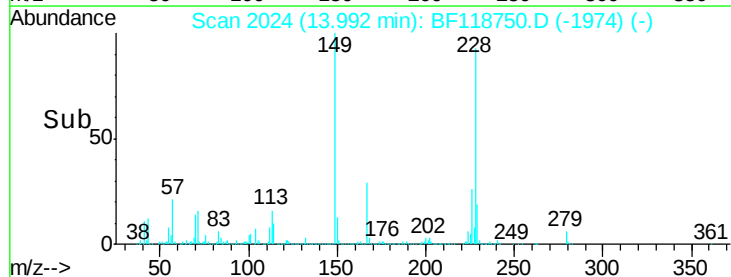
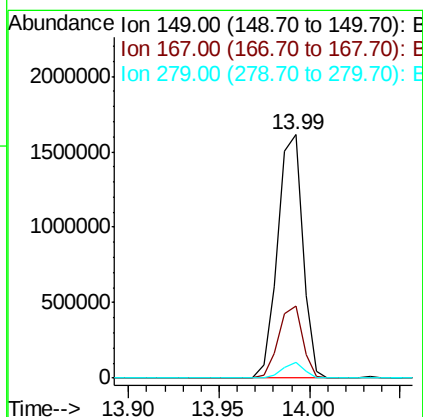
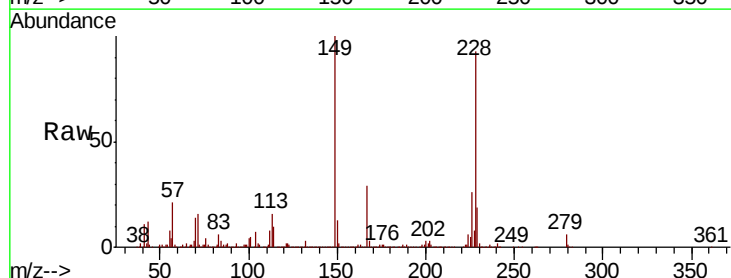
Instrument :  
 BNA\_F  
 ClientSampleId :

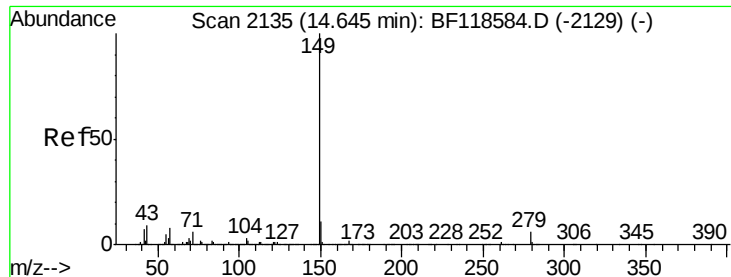
Tot Ion:228 Resp: 2208743  
 Ion Ratio Lower Upper  
 228 100  
 226 31.7 25.6 38.4  
 229 21.2 17.1 25.7



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.762 ng  
 RT: 13.99 min Scan# 2024  
 Delta R.T. -0.01 min  
 Lab File: BF118750.D  
 Acq: 30 Jan 2020 14:41

Tgt Ion:149 Resp: 1557527  
 Ion Ratio Lower Upper  
 149 100  
 167 29.4 23.6 35.4  
 279 6.3 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 52.370 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

Instrument :

BNA\_F

ClientSampleId :

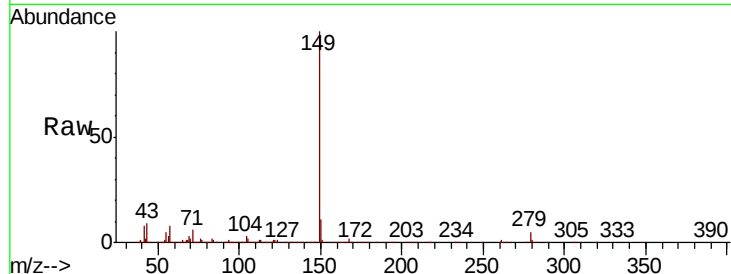
Tot Ion:149 Resp: 2638353

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

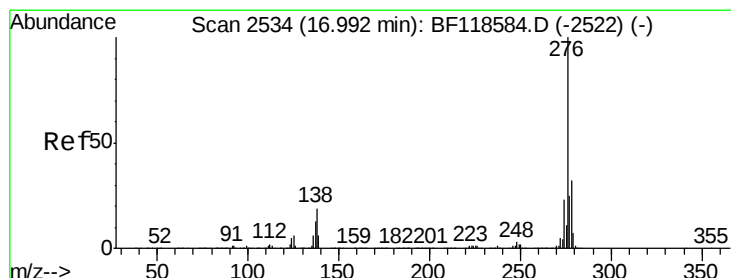
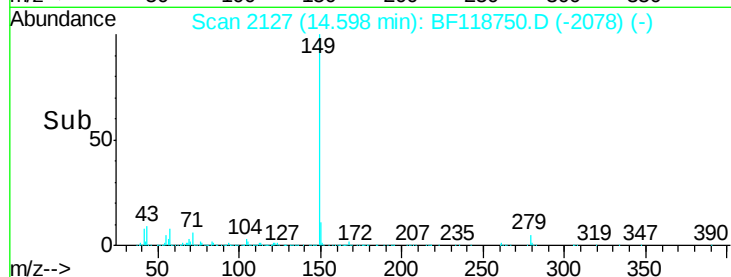
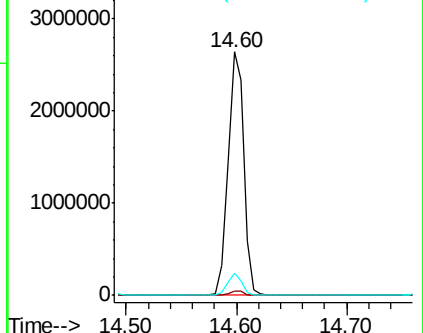
43 8.3 6.6 10.0



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: 40.083 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.03 min

Lab File: BF118750.D

Acq: 30 Jan 2020 14:41

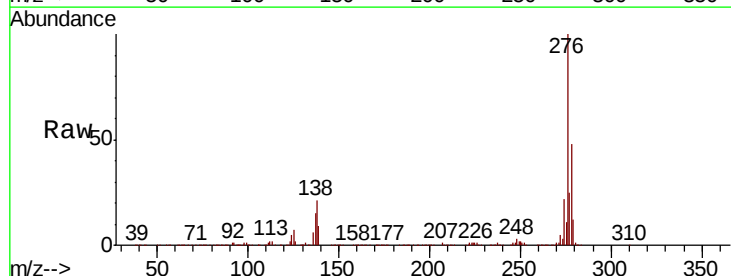
Tgt Ion:276 Resp: 2013262

Ion Ratio Lower Upper

276 100

138 23.2 18.2 27.4

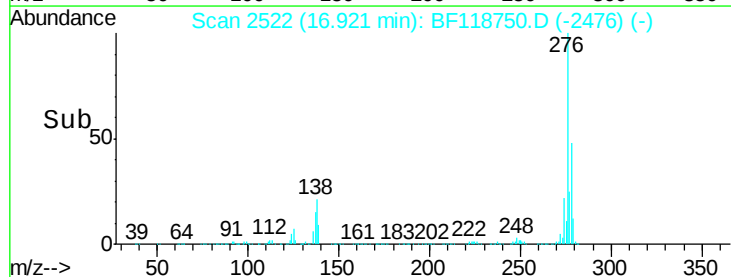
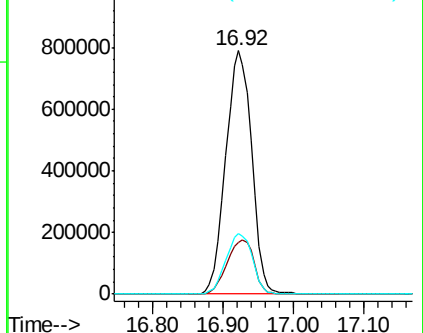
277 25.6 20.4 30.6

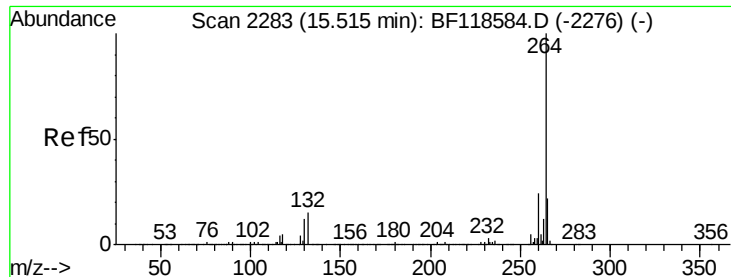


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



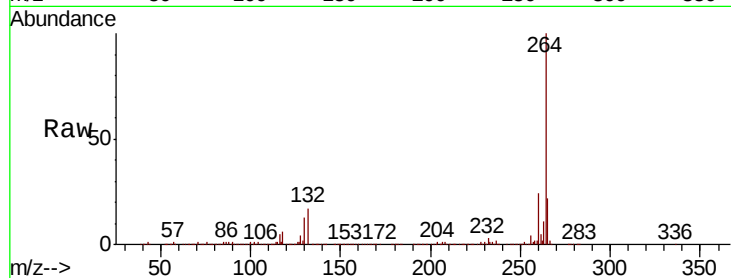


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.46 min Scan# 2274  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

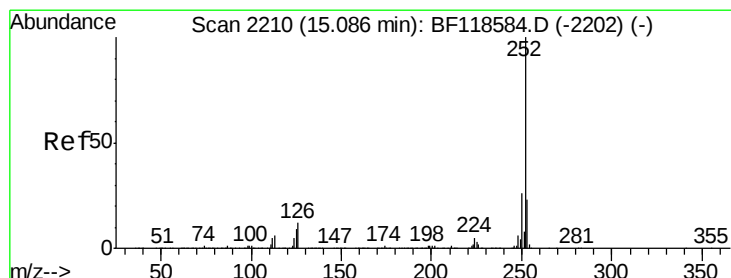
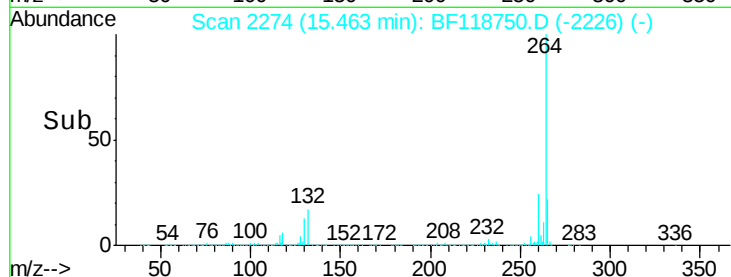
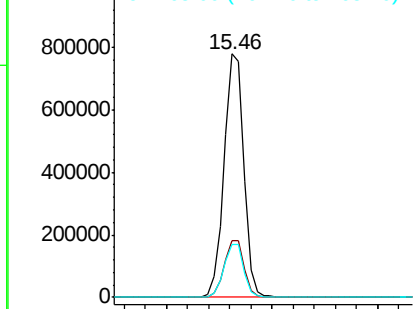
Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:264 Resp: 1007412  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 18.6  | 28.0  |
| 265 | 21.6  | 17.0  | 25.6  |



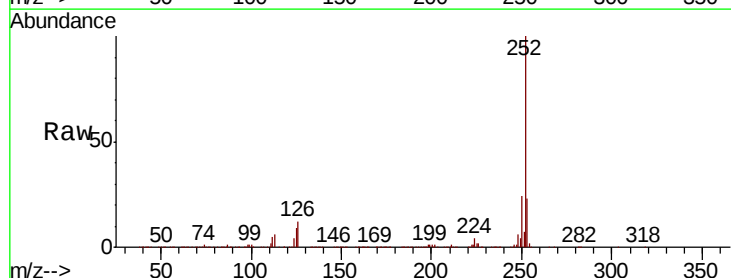
Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



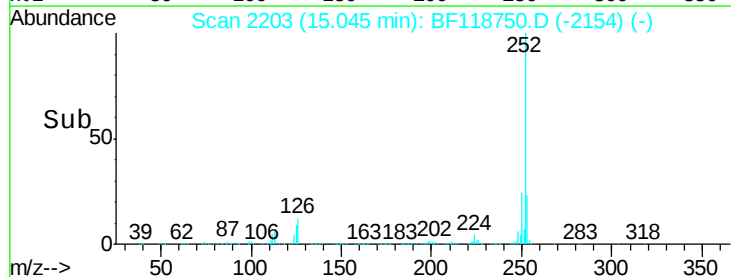
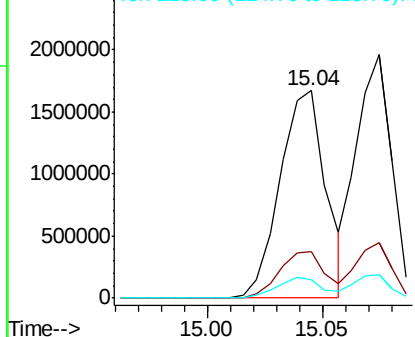
#88  
Benzo(b)fluoranthene  
Concen: 36.351 ng  
RT: 15.04 min Scan# 2203  
Delta R.T. -0.01 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

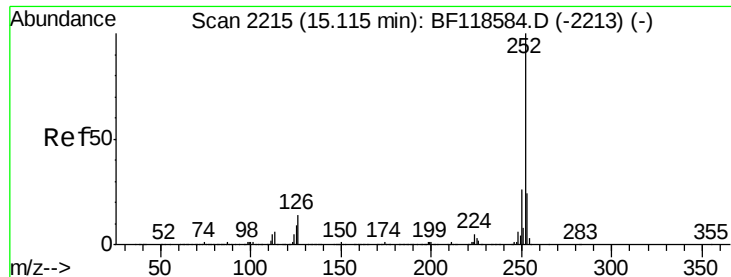
Tgt Ion:252 Resp: 2301846  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.5  | 18.2  | 27.4  |
| 125 | 9.0   | 7.7   | 11.5  |



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

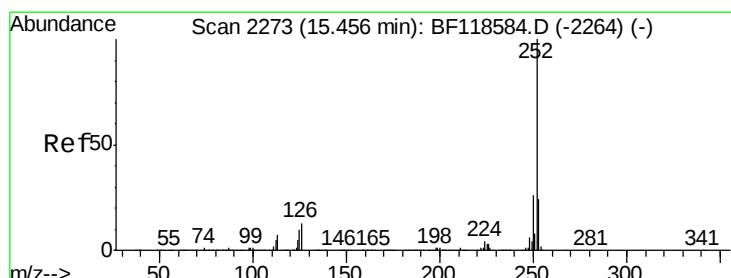
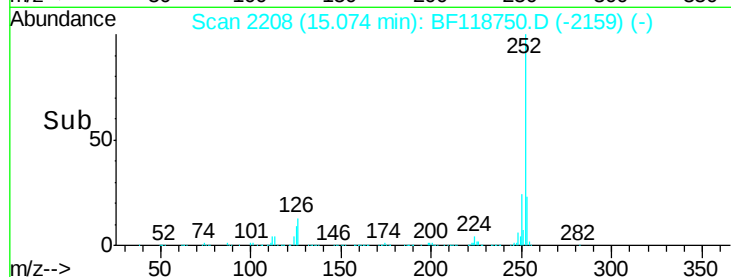
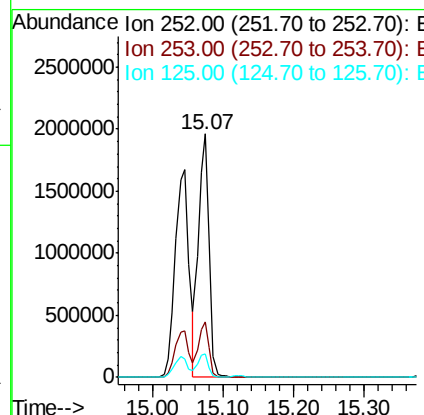
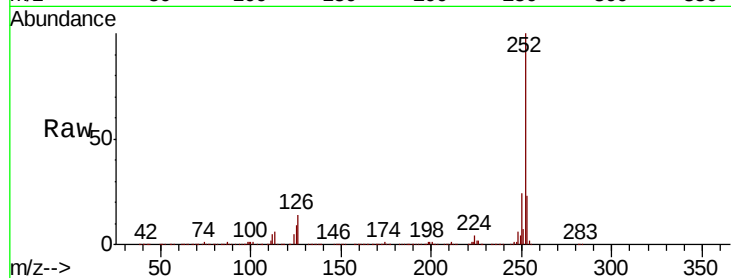




#89  
Benzo(k)fluoranthene  
Concen: 35.916 ng  
RT: 15.07 min Scan# 2208  
Delta R.T. -0.01 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

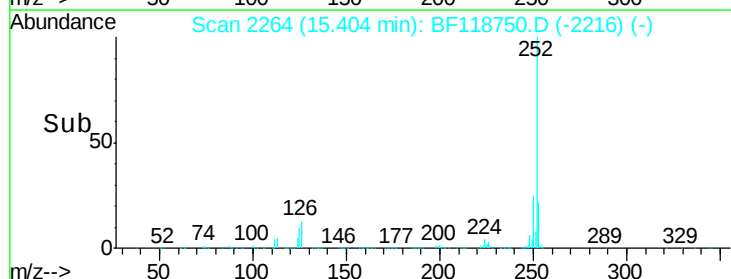
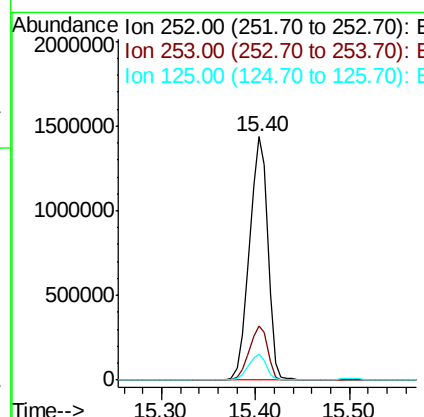
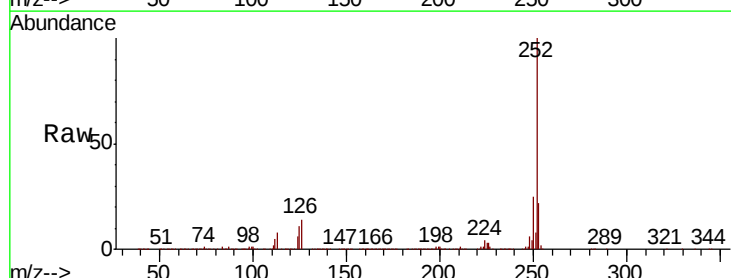
Instrument :  
BNA\_F  
ClientSampleId :

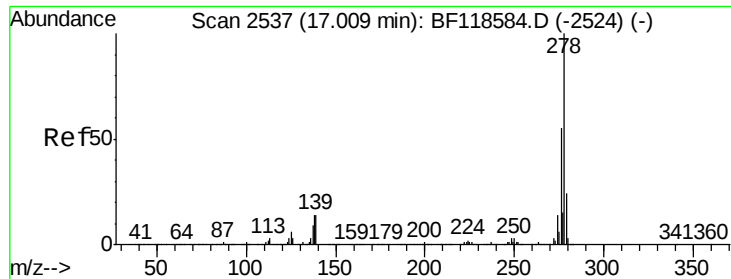
Tot Ion:252 Resp: 2107048  
Ion Ratio Lower Upper  
252 100  
253 22.9 18.4 27.6  
125 9.4 8.1 12.1



#90  
Benzo(a)pyrene  
Concen: 35.680 ng  
RT: 15.40 min Scan# 2264  
Delta R.T. -0.02 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Tgt Ion:252 Resp: 1949017  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.2 27.4  
125 10.8 8.3 12.5

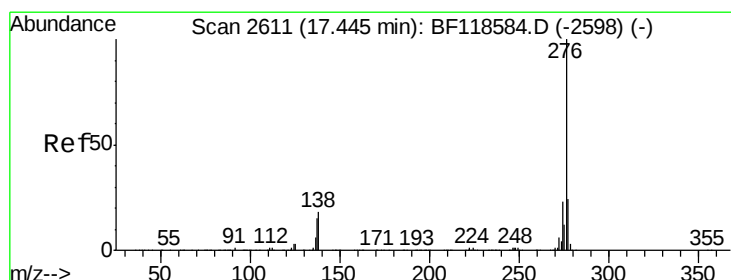
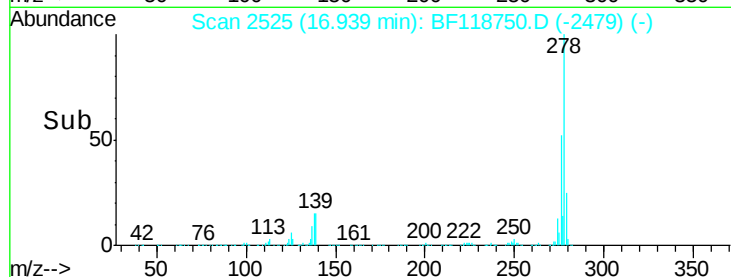
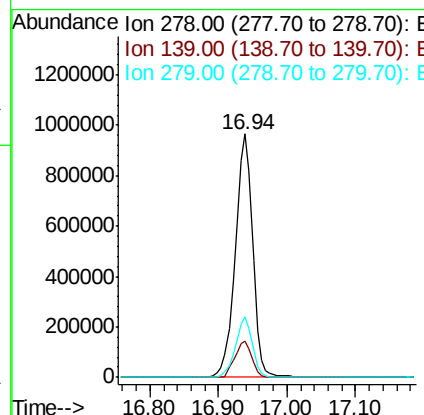
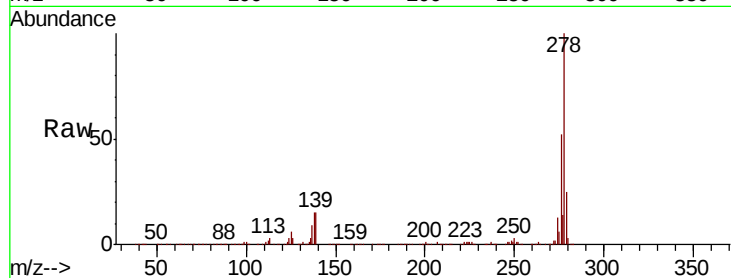




#91  
Dibenzo(a,h)anthracene  
Concen: 35.135 ng  
RT: 16.94 min Scan# 2525  
Delta R.T. -0.03 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 1697656  
Ion Ratio Lower Upper  
278 100  
139 15.1 11.8 17.6  
279 24.8 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 34.528 ng  
RT: 17.36 min Scan# 2597  
Delta R.T. -0.03 min  
Lab File: BF118750.D  
Acq: 30 Jan 2020 14:41

Tgt Ion:276 Resp: 1619856  
Ion Ratio Lower Upper  
276 100  
277 23.6 19.0 28.6  
138 20.0 15.4 23.2

