

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\  
 Data File : BF119877.D  
 Acq On : 9 Apr 2020 18:45  
 Operator : MA/SJ  
 Sample : L2172-01MS  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CC-1MS

Quant Time: Apr 10 02:17:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 09 01:21:19 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.77  | 152  | 190883   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.06  | 136  | 633743   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.82  | 164  | 293703   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.30 | 188  | 477488   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.94 | 240  | 293006   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.37 | 264  | 276469   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.39  | 112 | 1377896 | 124.75 | ng | 0.02 |
| 7) Phenol-d6             | 6.42  | 99  | 1770025 | 124.37 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.34  | 82  | 1211162 | 98.87  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.61 | 330 | 425354  | 118.29 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.14  | 172 | 1978624 | 95.65  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.89 | 244 | 1672602 | 96.05  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.55 | 88  | 190238  | 38.670 | ng | 99     |
| 3) Pyridine                    | 3.26 | 79  | 539407  | 39.963 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.22 | 42  | 315087  | 45.689 | ng | 96     |
| 6) Aniline                     | 6.43 | 93  | 449675  | 24.072 | ng | # 73   |
| 8) 2-Chlorophenol              | 6.56 | 128 | 560271  | 45.398 | ng | 98     |
| 9) Benzaldehyde                | 6.32 | 77  | 282546  | 35.099 | ng | 99     |
| 10) Phenol                     | 6.43 | 94  | 683051  | 42.303 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.51 | 93  | 569938  | 45.716 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.71 | 146 | 636466  | 47.107 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.79 | 146 | 650613  | 47.272 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.95 | 146 | 602517  | 47.502 | ng | 97     |
| 15) Benzyl Alcohol             | 6.92 | 79  | 514513  | 46.544 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.05 | 45  | 1080632 | 44.544 | ng | 98     |
| 17) 2-Methylphenol             | 7.03 | 107 | 490199  | 44.509 | ng | 96     |
| 18) Hexachloroethane           | 7.28 | 117 | 229841  | 44.684 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.19 | 70  | 430166  | 47.002 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.19 | 107 | 596282  | 44.268 | ng | 97     |
| 22) Acetophenone               | 7.19 | 105 | 811813  | 54.703 | ng | 97     |
| 24) Nitrobenzene               | 7.36 | 77  | 634510  | 51.489 | ng | 98     |
| 25) Isophorone                 | 7.60 | 82  | 1020358 | 43.209 | ng | 99     |
| 26) 2-Nitrophenol              | 7.67 | 139 | 276773  | 44.955 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.72 | 122 | 452942  | 48.780 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.81 | 93  | 636858  | 45.831 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.92 | 162 | 438353  | 46.056 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.00 | 180 | 483813  | 44.862 | ng | 100    |
| 31) Naphthalene                | 8.08 | 128 | 1548576 | 46.444 | ng | 99     |
| 32) Benzoic acid               | 7.85 | 122 | 321500  | 39.424 | ng | 93     |
| 33) 4-Chloroaniline            | 8.13 | 127 | 165385  | 11.394 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.20 | 225 | 292242  | 45.269 | ng | 98     |
| 35) Caprolactam                | 8.51 | 113 | 127068m | 43.644 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.62 | 107 | 470257  | 45.636 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.77 | 142 | 1112677 | 49.221 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.87 | 142 | 981131  | 46.048 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.94 | 216 | 447324  | 48.222 | ng | 99     |

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 ALS Vial : 41 Sample Multiplier: 1

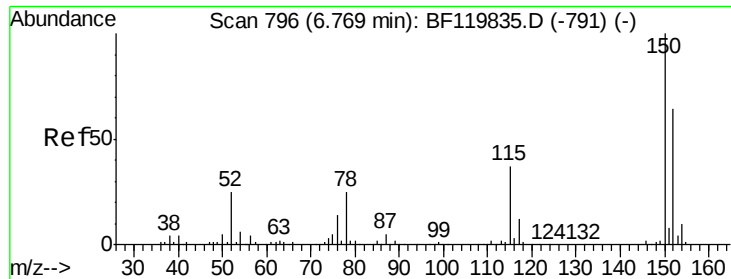
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CC-1MS

Quant Time: Apr 10 02:17:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 09 01:21:19 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.93  | 237  | 240554   | 45.603 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.05  | 196  | 322883   | 50.405 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.09  | 196  | 325111   | 45.062 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.24  | 154  | 1185273  | 47.812 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.26  | 162  | 918370   | 48.090 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.36  | 65   | 333715   | 48.221 | ng    | 95       |
| 49) Acenaphthylene             | 9.67  | 152  | 1369188  | 47.143 | ng    | 99       |
| 50) Dimethylphthalate          | 9.55  | 163  | 1297613  | 57.120 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.60  | 165  | 232965   | 46.829 | ng    | 92       |
| 52) Acenaphthene               | 9.85  | 154  | 891015m  | 45.991 | ng    |          |
| 53) 3-Nitroaniline             | 9.77  | 138  | 143746   | 25.300 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 9.87  | 184  | 100981   | 33.905 | ng    | # 85     |
| 55) Dibenzofuran               | 10.02 | 168  | 1227647  | 46.177 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.94  | 139  | 363267   | 85.931 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 10.01 | 165  | 296257   | 45.200 | ng    | 95       |
| 58) Fluorene                   | 10.36 | 166  | 1000806  | 47.071 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.14 | 232  | 243379   | 44.106 | ng    | 100      |
| 60) Diethylphthalate           | 10.24 | 149  | 1077541  | 45.765 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.36 | 204  | 496800   | 45.589 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.39 | 138  | 207948   | 38.405 | ng    | 97       |
| 63) Azobenzene                 | 10.52 | 77   | 947250   | 44.892 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.42 | 198  | 68823    | 21.878 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.47 | 169  | 848617   | 53.440 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.85 | 248  | 286506   | 48.249 | ng    | 98       |
| 68) Hexachlorobenzene          | 10.92 | 284  | 288850   | 47.951 | ng    | # 92     |
| 69) Atrazine                   | 11.01 | 200  | 237113   | 53.666 | ng    | 98       |
| 70) Pentachlorophenol          | 11.11 | 266  | 297301   | 85.642 | ng    | 99       |
| 71) Phenanthrene               | 11.33 | 178  | 1199590  | 47.205 | ng    | 99       |
| 72) Anthracene                 | 11.38 | 178  | 1243278  | 47.892 | ng    | 99       |
| 73) Carbazole                  | 11.53 | 167  | 1189798  | 48.465 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.87 | 149  | 1485675  | 46.034 | ng    | 100      |
| 75) Fluoranthene               | 12.52 | 202  | 1288577  | 46.995 | ng    | 97       |
| 77) Benzidine                  | 12.64 | 184  | 622372   | 62.838 | ng    | 96       |
| 78) Pyrene                     | 12.74 | 202  | 1109570  | 44.920 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.36 | 149  | 530509   | 44.262 | ng    | 98       |
| 81) Benzo(a)anthracene         | 13.93 | 228  | 906234   | 47.014 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.90 | 252  | 350220   | 48.694 | ng    | # 97     |
| 83) Chrysene                   | 13.97 | 228  | 928235   | 47.393 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.93 | 149  | 732768   | 45.146 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.54 | 149  | 1263170  | 45.707 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.80 | 276  | 871057   | 50.453 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.97 | 252  | 1036520  | 52.116 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.00 | 252  | 967565   | 56.384 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.32 | 252  | 785935   | 46.999 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.82 | 278  | 726717   | 49.061 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.23 | 276  | 660064   | 45.144 | ng    | 99       |

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



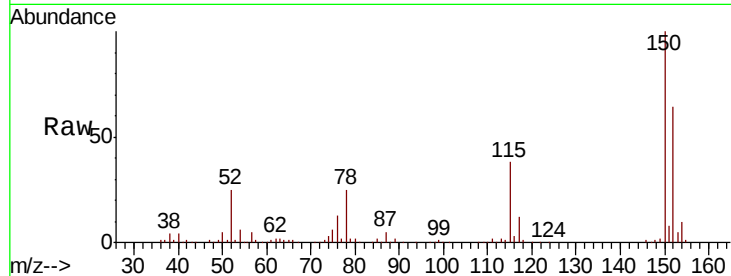


#1

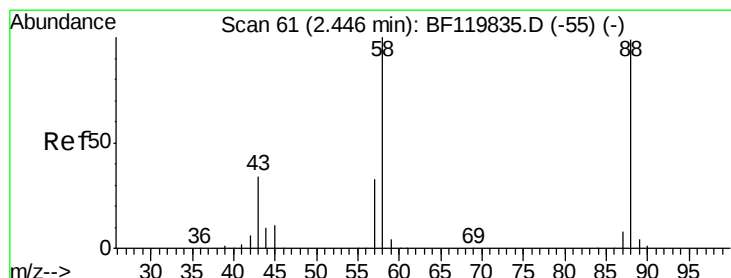
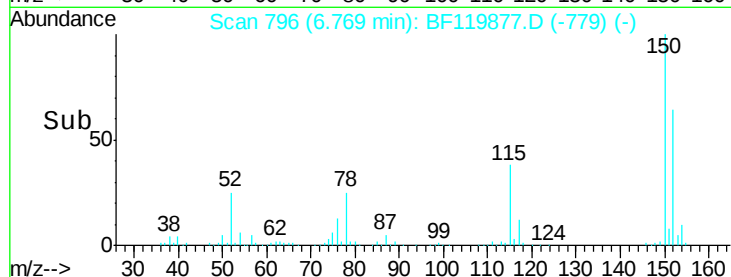
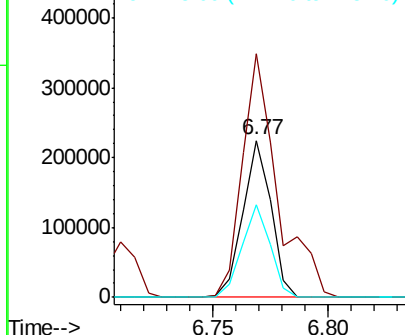
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.77 min Scan# 796  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Instrument :  
BNA\_F  
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CC-1MS

Tot Ion:152 Resp: 190883  
Ion Ratio Lower Upper  
152 100  
150 155.5 124.8 187.2  
115 59.3 46.5 69.7



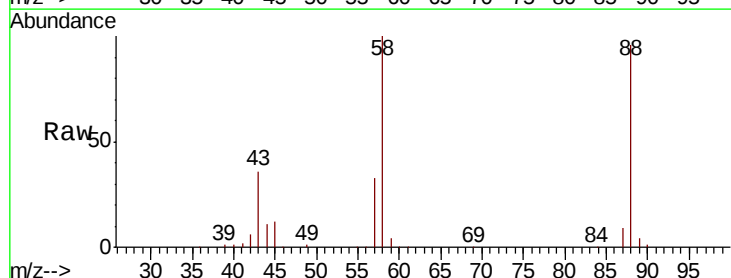
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



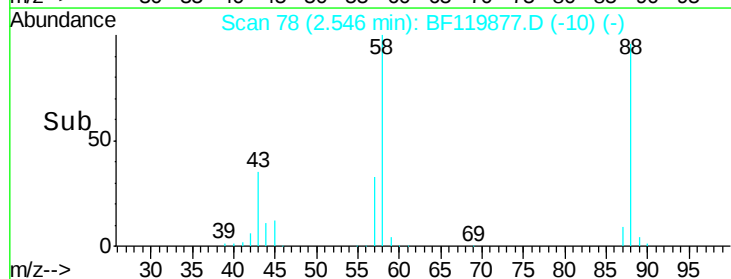
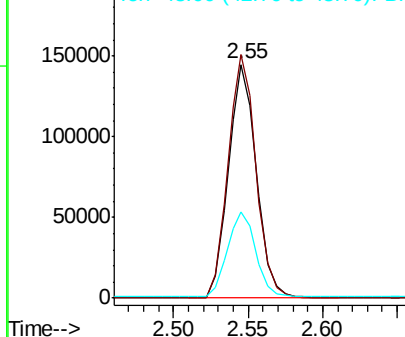
#2

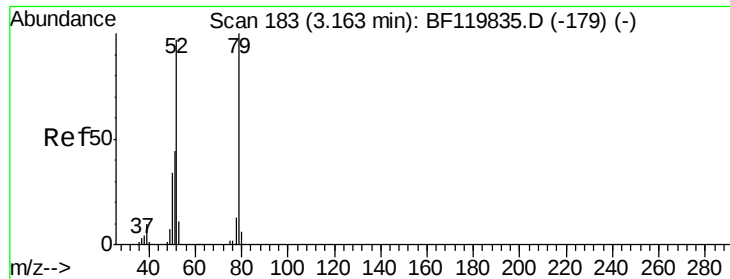
1,4-Dioxane  
Concen: 38.670 ng  
RT: 2.55 min Scan# 78  
Delta R.T. 0.10 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Tgt Ion: 88 Resp: 190238  
Ion Ratio Lower Upper  
88 100  
58 104.1 82.6 123.8  
43 36.9 28.6 42.8



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





#3

Pvridine

Concen: 39.963 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.10 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

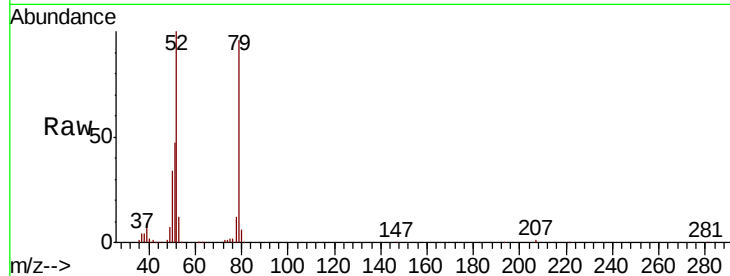
Tot Ion: 79 Resp: 539407

Ion Ratio Lower Upper

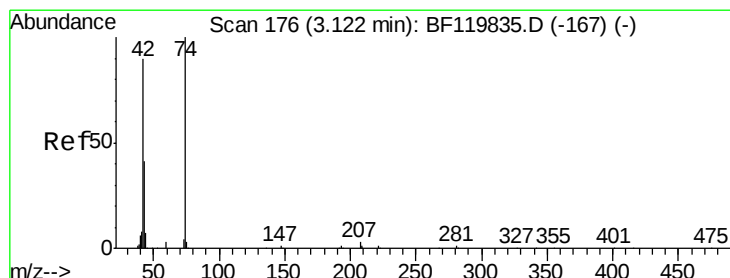
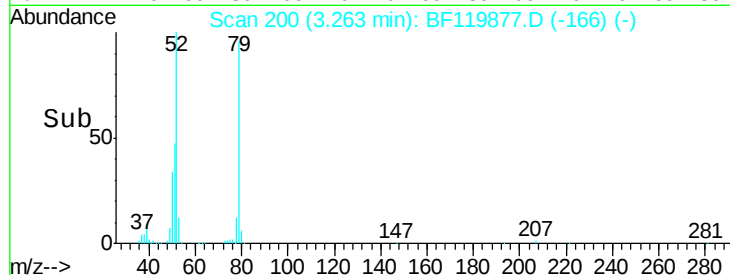
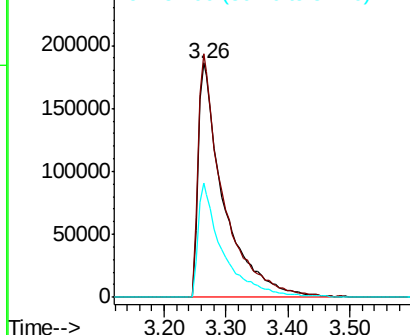
79 100

52 103.9 77.4 116.0

51 48.7 35.3 52.9



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: 45.689 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.09 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

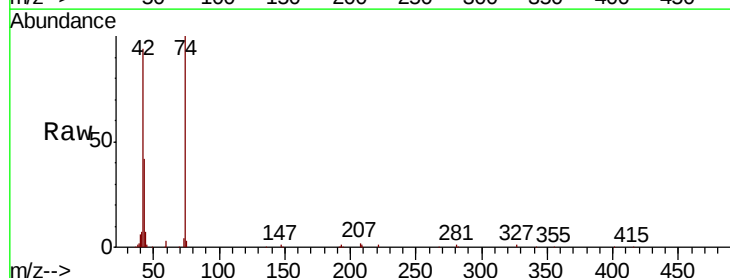
Tgt Ion: 42 Resp: 315087

Ion Ratio Lower Upper

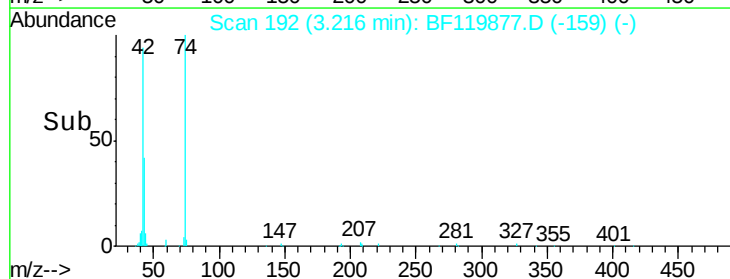
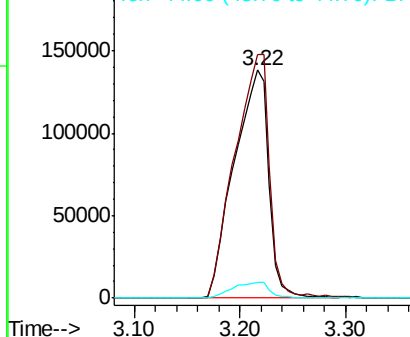
42 100

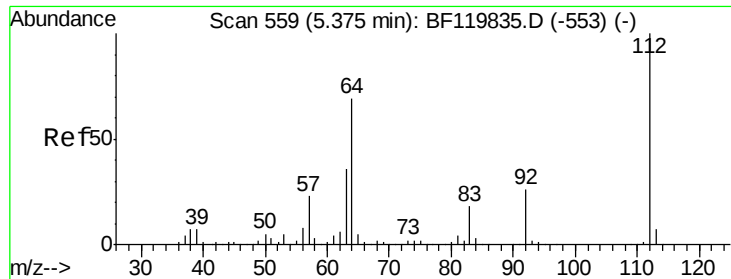
74 106.5 89.0 133.4

44 6.9 6.2 9.4



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: 124.750 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.02 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

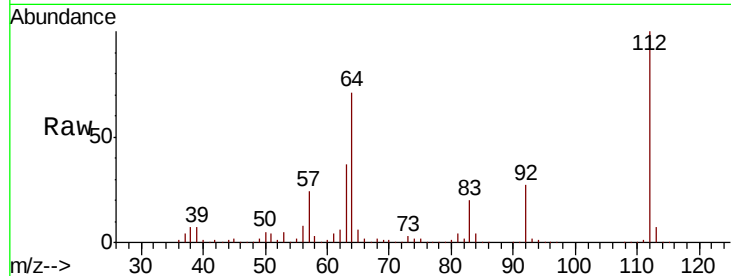
Tot Ion:112 Resp: 1377896

Ion Ratio Lower Upper

112 100

64 71.1 55.5 83.3

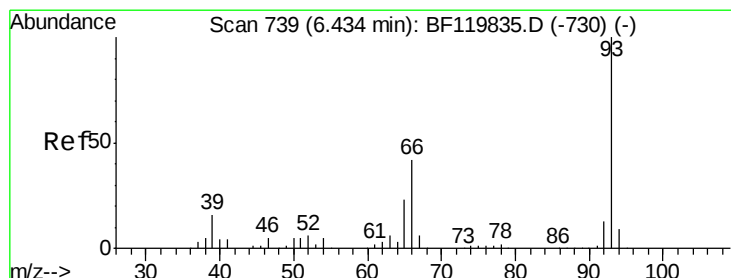
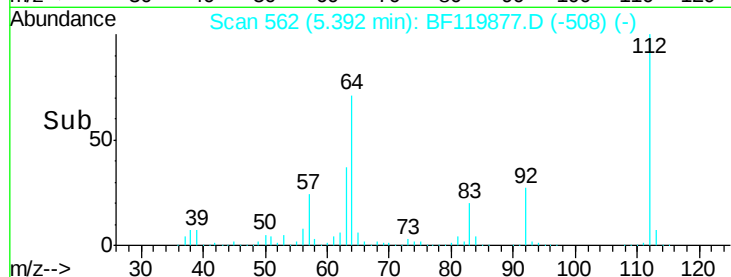
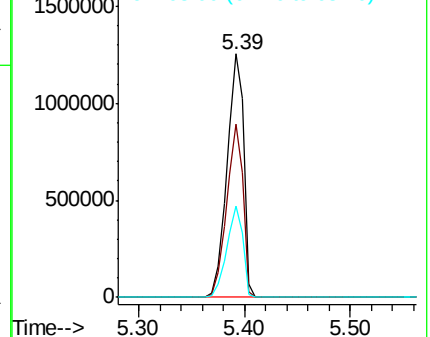
63 37.4 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.072 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

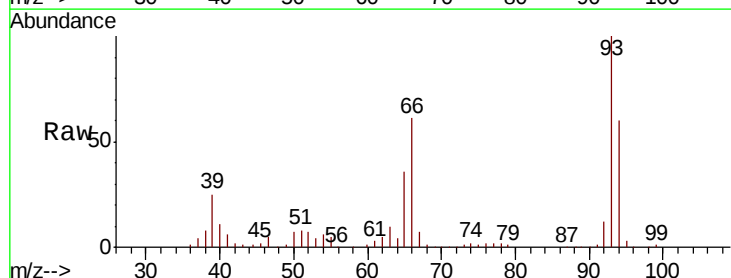
Tgt Ion: 93 Resp: 449675

Ion Ratio Lower Upper

93 100

66 60.5 34.2 51.2#

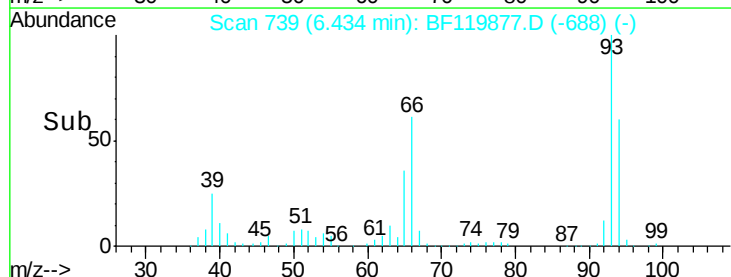
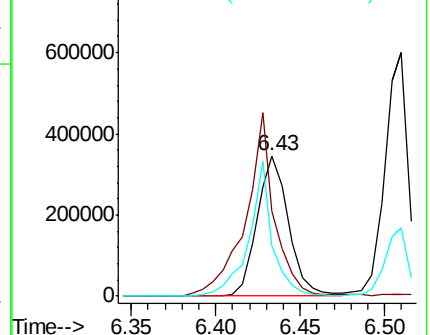
65 35.8 18.3 27.5#

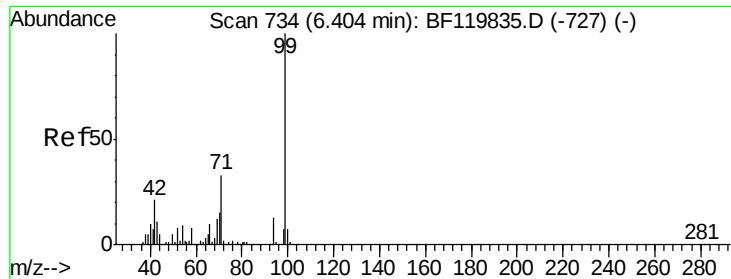


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.366 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-IMS

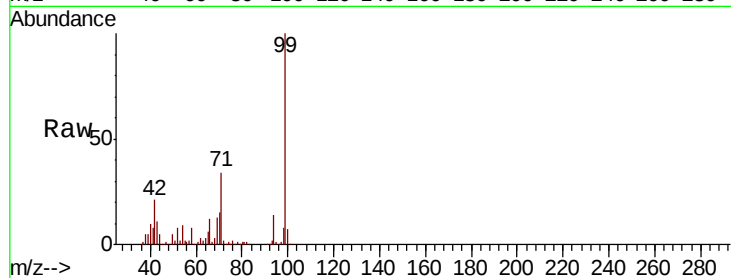
Tot Ion: 99 Resp: 1770025

Ion Ratio Lower Upper

99 100

42 21.1 16.9 25.3

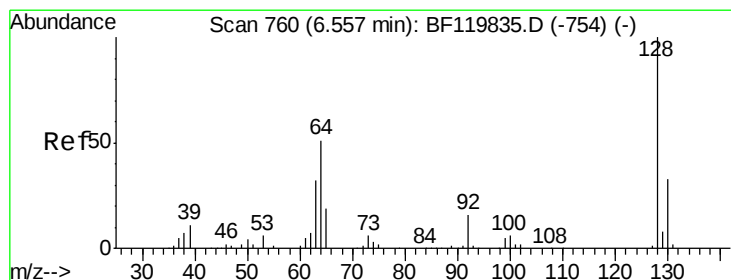
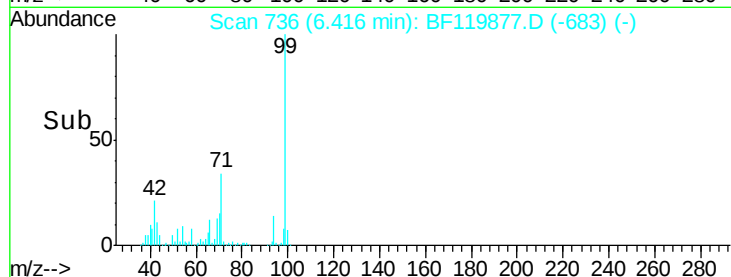
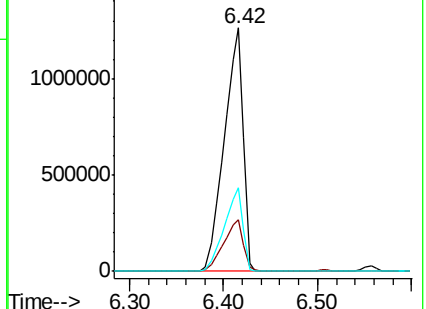
71 34.4 26.3 39.5



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: 45.398 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

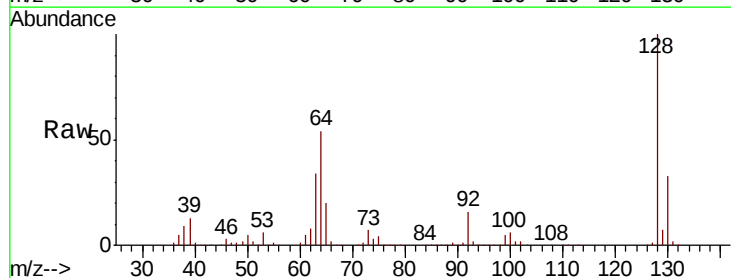
Tgt Ion:128 Resp: 560271

Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

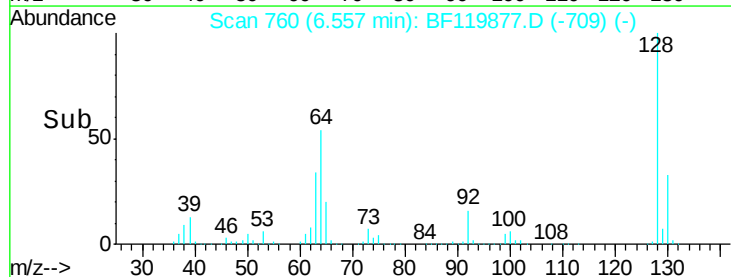
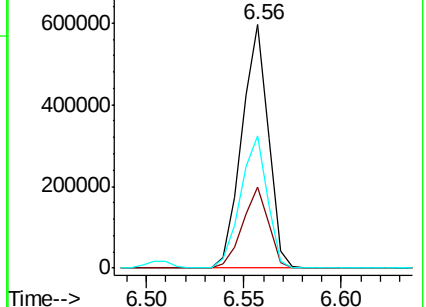
64 54.3 32.0 72.0

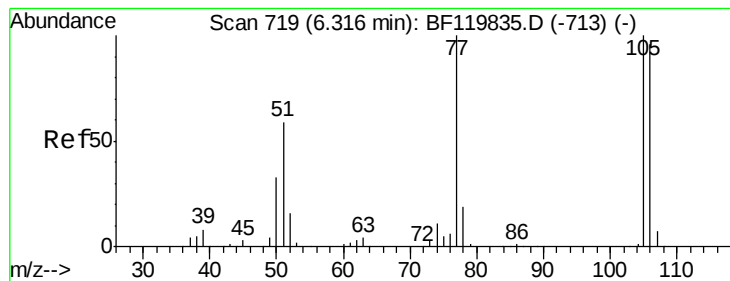


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.099 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

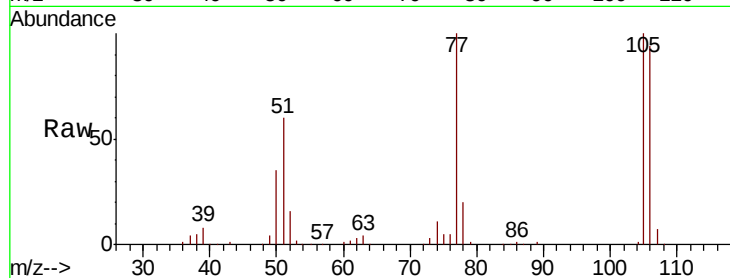
Tot Ion: 77 Resp: 282546

Ion Ratio Lower Upper

77 100

105 99.8 79.9 119.9

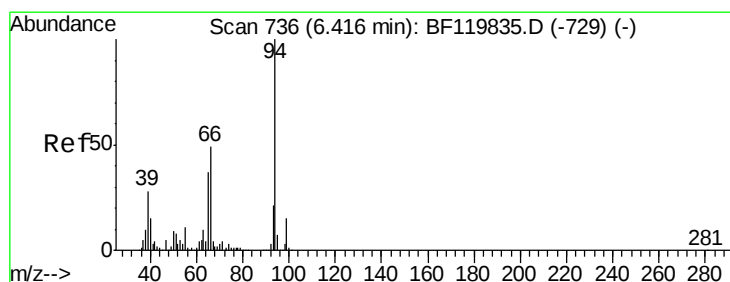
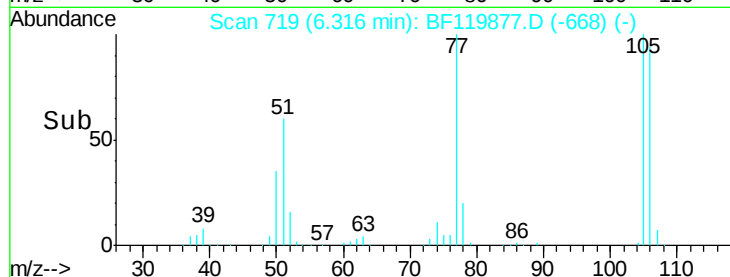
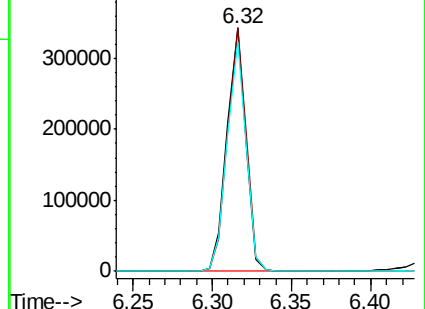
106 94.4 76.4 116.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.303 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

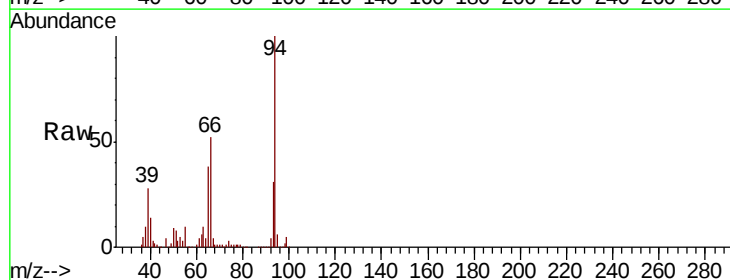
Tgt Ion: 94 Resp: 683051

Ion Ratio Lower Upper

94 100

65 37.6 16.6 56.6

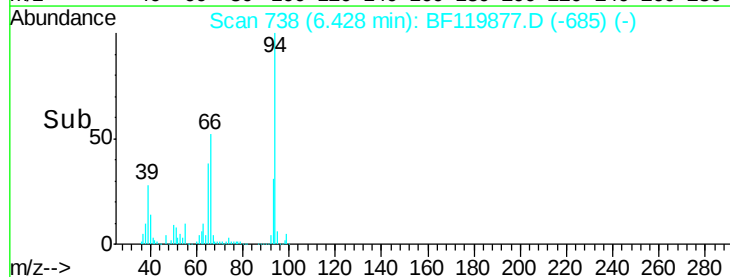
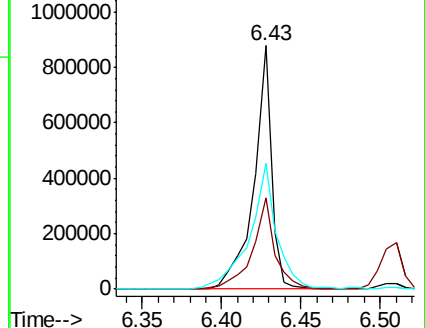
66 51.6 29.3 69.3

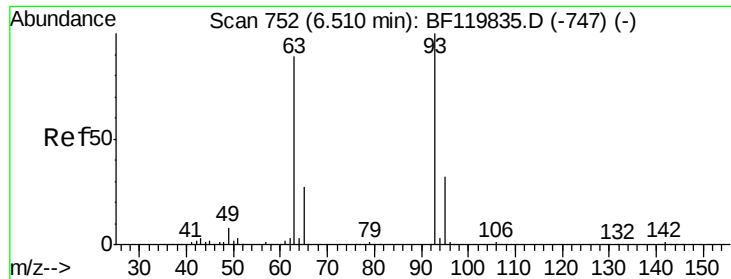


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 45.716 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

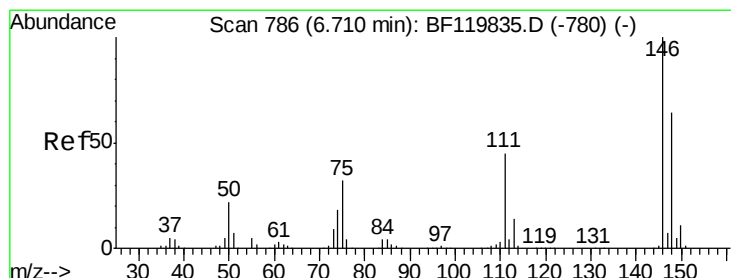
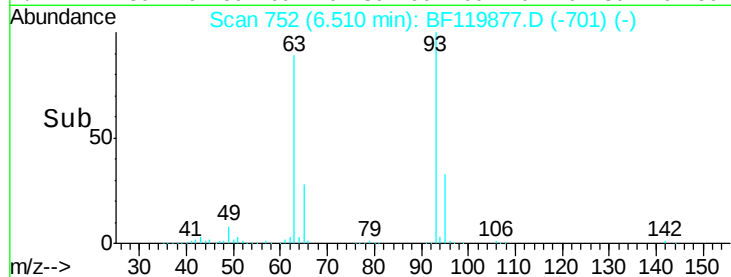
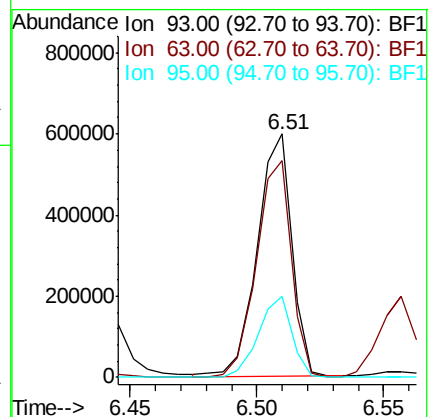
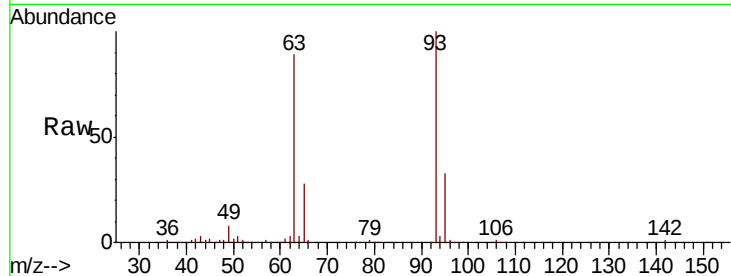
Tot Ion: 93 Resp: 569938

Ion Ratio Lower Upper

93 100

63 89.1 69.1 109.1

95 33.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 47.107 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

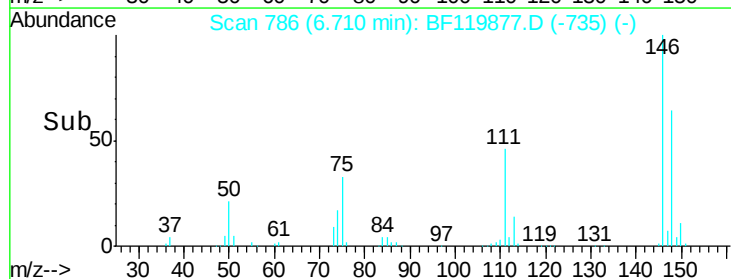
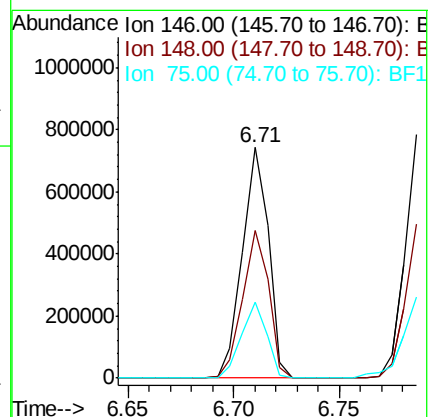
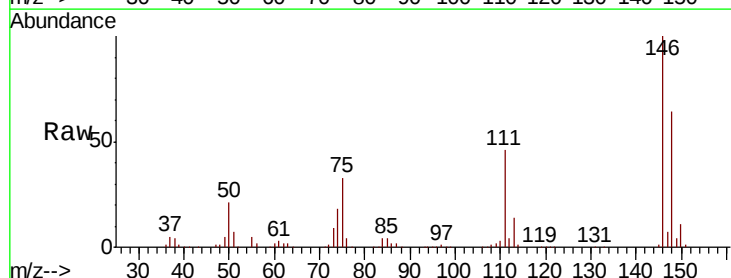
Tgt Ion: 146 Resp: 636466

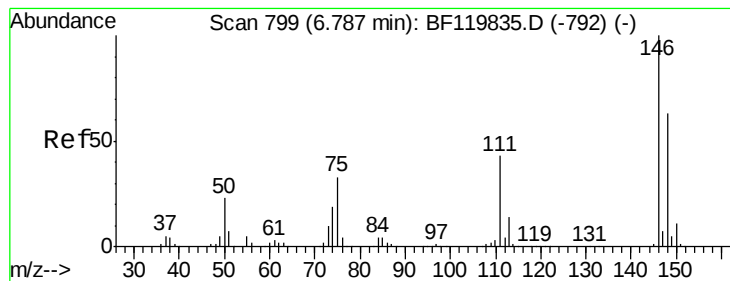
Ion Ratio Lower Upper

146 100

148 63.9 51.3 76.9

75 33.2 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 47.272 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampled :

CC-1MS

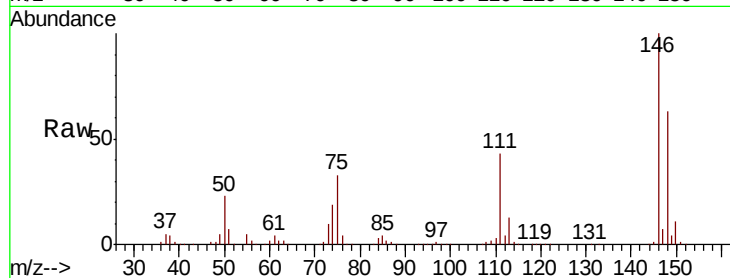
Tot Ion:146 Resp: 650613

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

111 43.0 34.7 52.1



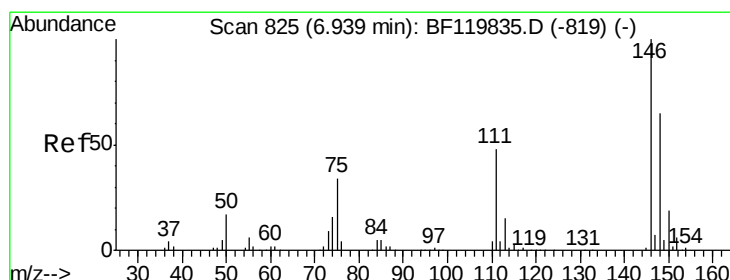
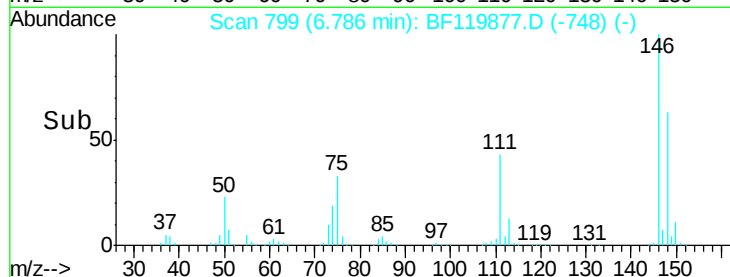
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.79

Time-->



#14

1,2-Dichlorobenzene

Concen: 47.502 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

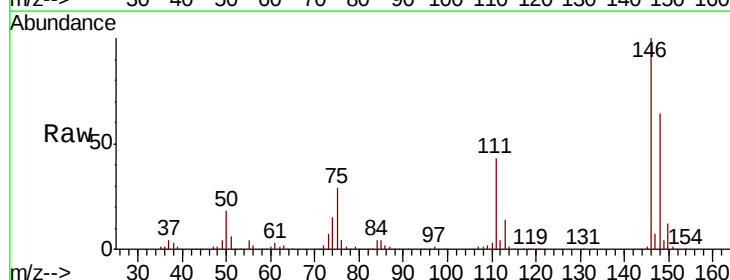
Tgt Ion:146 Resp: 602517

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

111 43.4 38.0 57.0



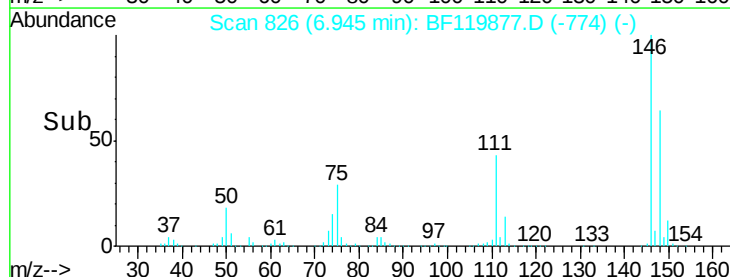
Abundance Ion 146.00 (145.70 to 146.70): E

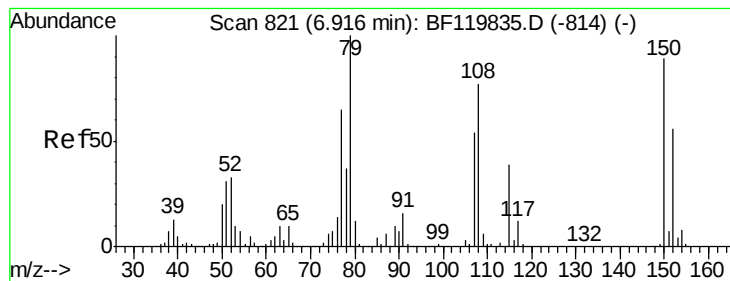
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.95

Time-->





#15

Benzyl Alcohol

Concen: 46.544 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

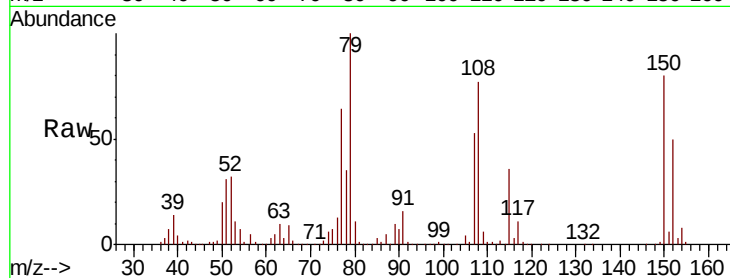
Tot Ion: 79 Resp: 514513

Ion Ratio Lower Upper

79 100

108 76.7 62.0 93.0

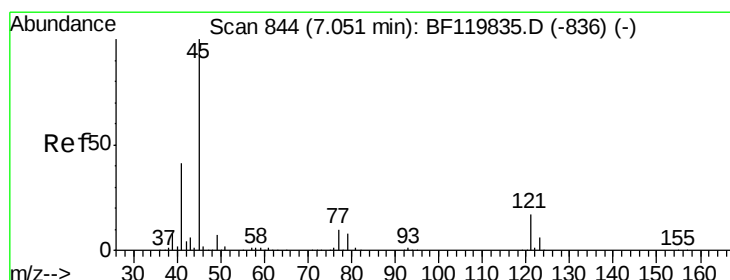
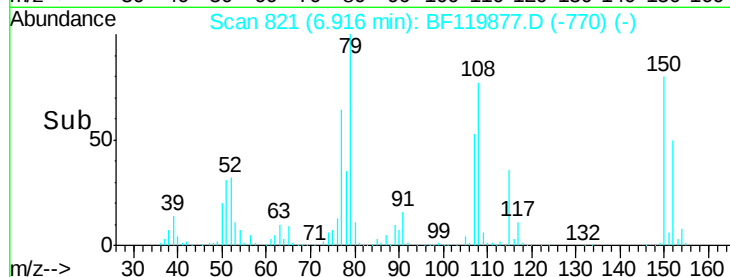
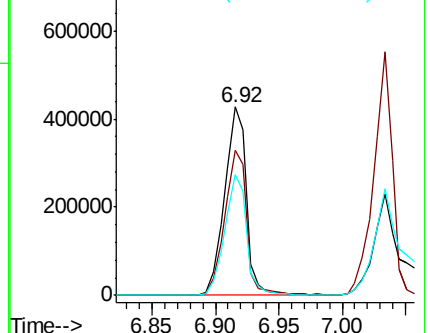
77 64.0 51.8 77.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.544 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

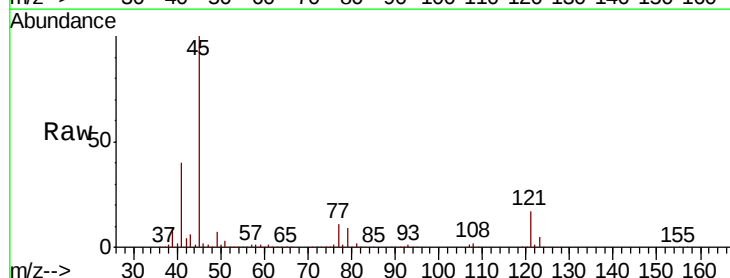
Tgt Ion: 45 Resp: 1080632

Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.7

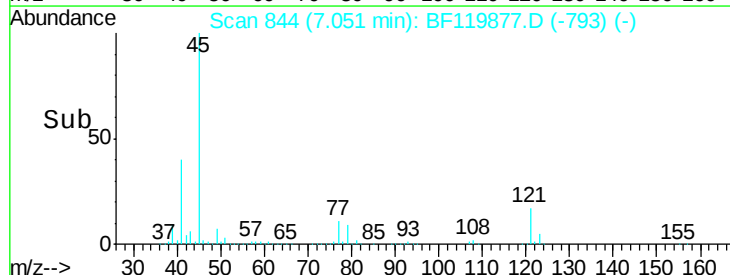
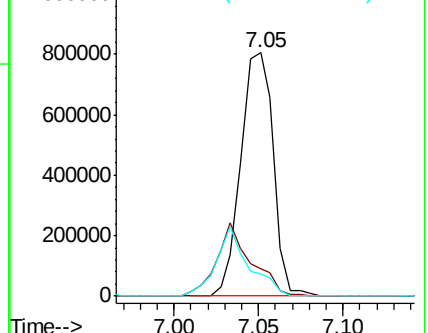
79 9.1 0.0 28.6

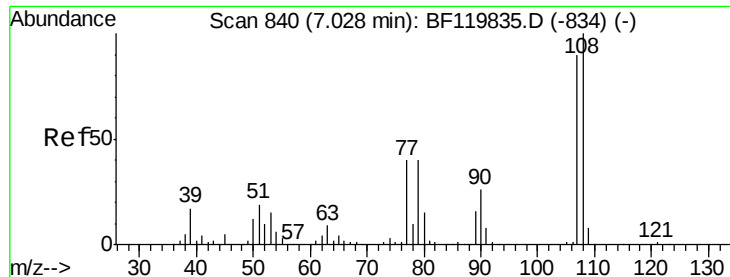


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

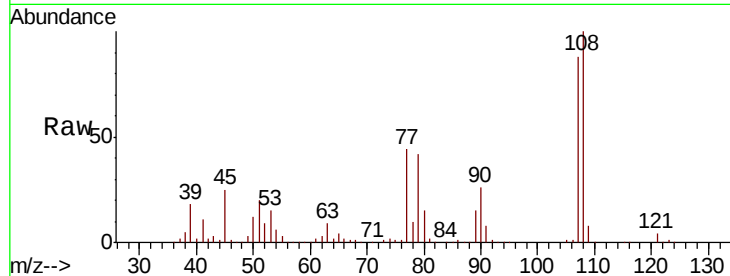




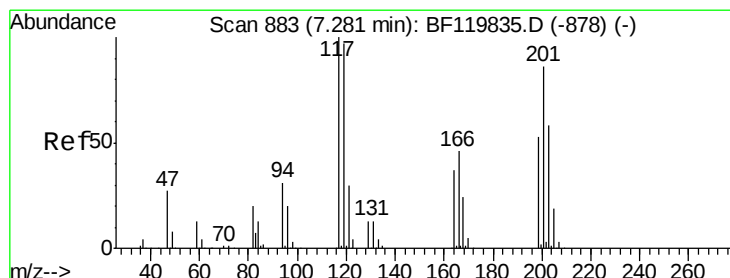
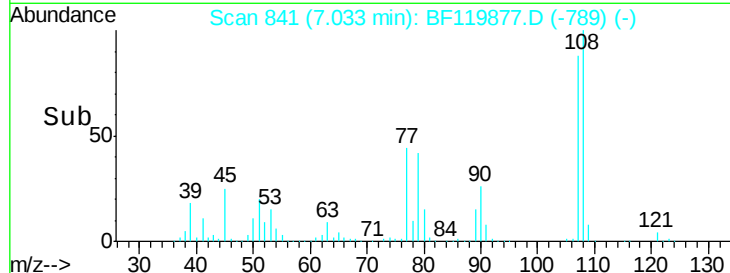
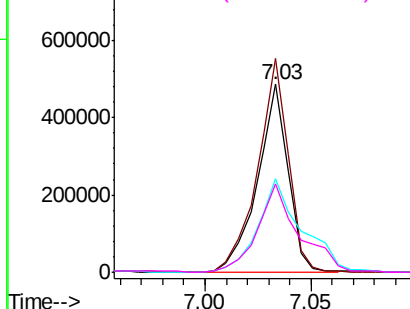
#17  
2-Methylphenol  
Concen: 44.509 ng  
RT: 7.03 min Scan# 841  
Delta R.T. 0.01 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Instrument :  
BNA\_F  
ClientSampleId :  
CC-1MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 490199 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.6 | 88.8  | 133.2  |
| 77       | 49.8  | 36.0  | 54.0   |
| 79       | 47.3  | 35.7  | 53.5   |

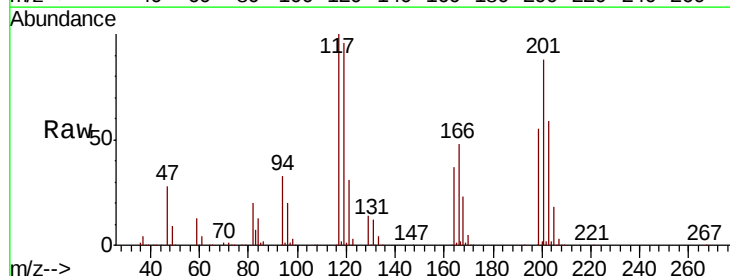


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

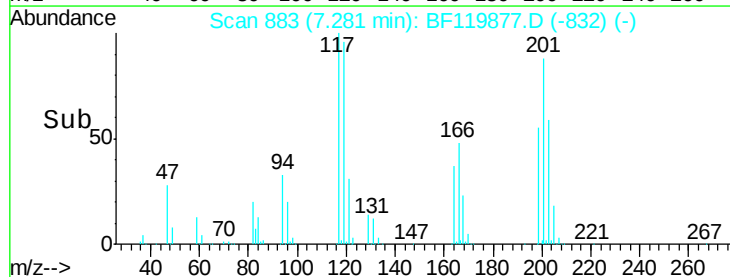
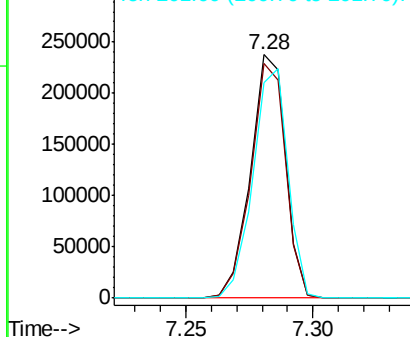


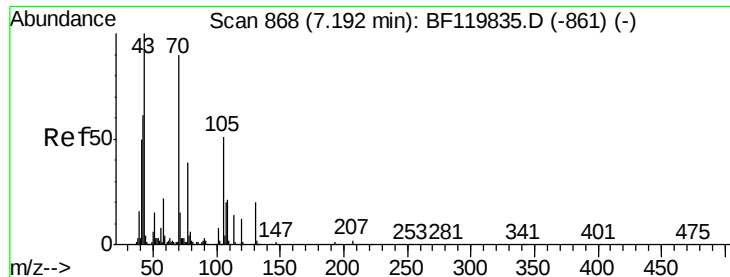
#18  
Hexachloroethane  
Concen: 44.684 ng  
RT: 7.28 min Scan# 883  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 229841 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.4  | 77.4  | 116.0  |
| 201      | 88.3  | 68.4  | 102.6  |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

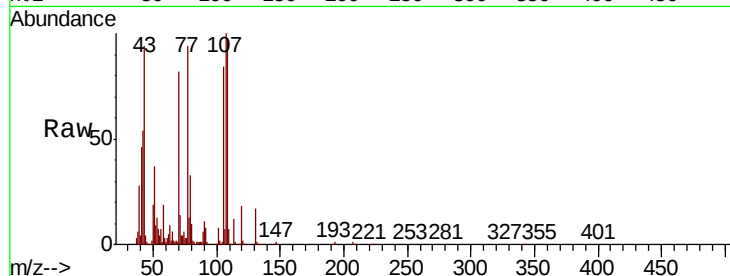




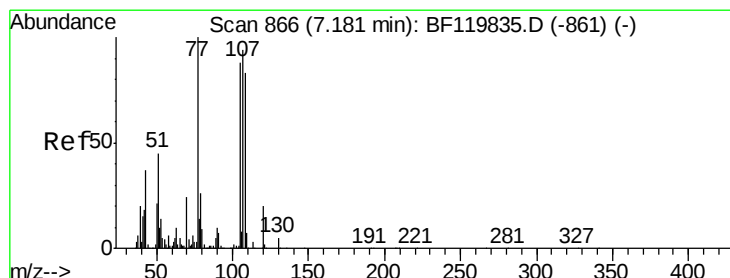
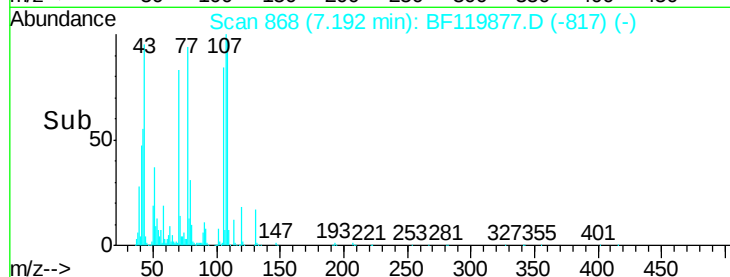
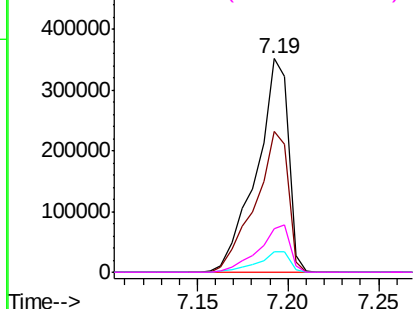
#19  
n-Nitroso-di-n-propylamine  
Concen: 47.002 ng  
RT: 7.19 min Scan# 868  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Instrument :  
BNA\_F  
ClientSampled :  
CC-IMS

Tot Ion: 70 Resp: 430166  
Ion Ratio Lower Upper  
70 100  
42 66.2 54.2 81.4  
101 9.5 7.4 11.2  
130 20.3 17.8 26.6

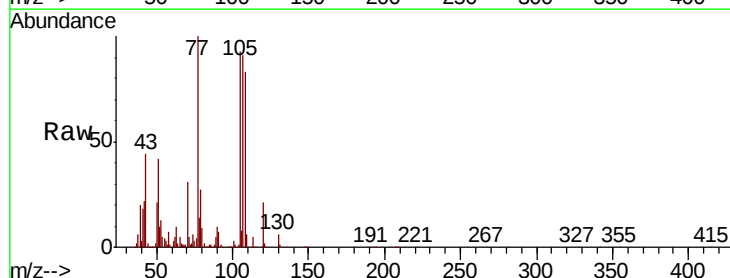


Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): BF1  
Ion 130.00 (129.70 to 130.70): BF1

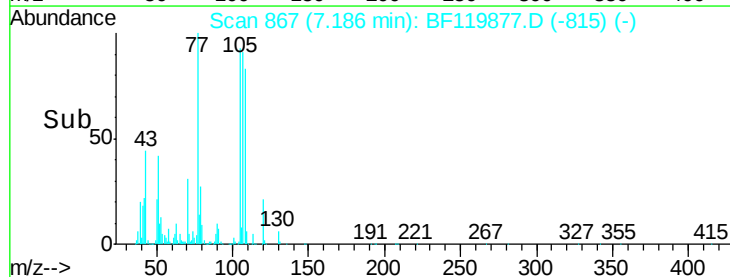
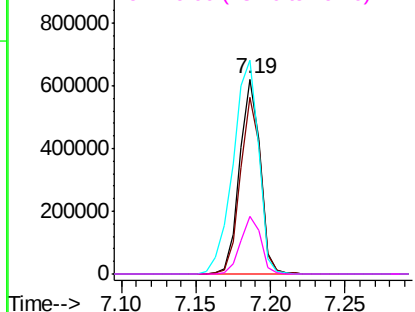


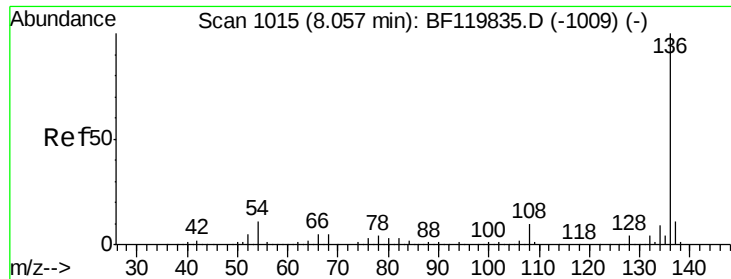
#20  
3+4-Methylphenols  
Concen: 44.268 ng  
RT: 7.19 min Scan# 867  
Delta R.T. 0.01 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Tgt Ion: 107 Resp: 596282  
Ion Ratio Lower Upper  
107 100  
108 90.8 68.2 108.2  
77 109.7 86.6 126.6  
79 29.6 7.7 47.7



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: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

Tot Ion:136 Resp: 633743

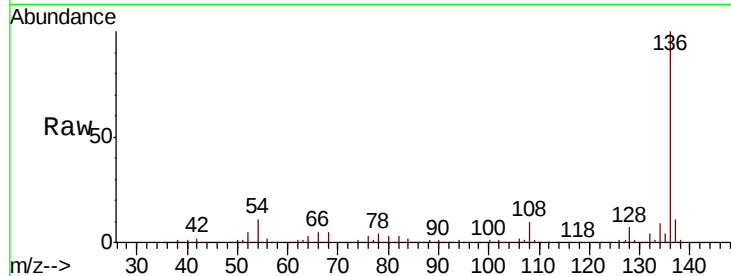
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.0 8.5 12.7

68 5.3 3.9 5.9

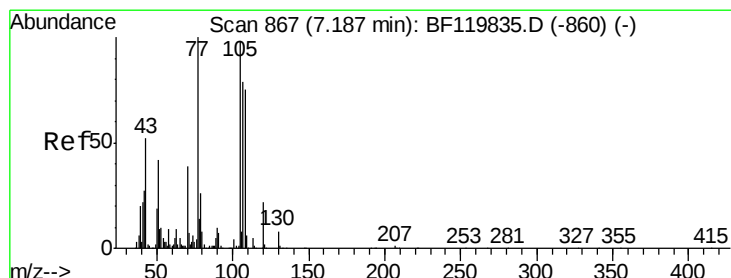
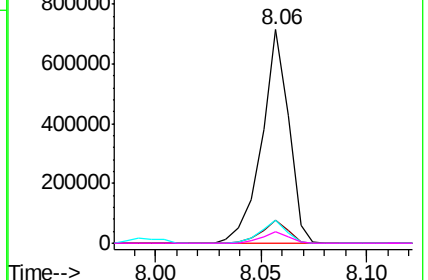
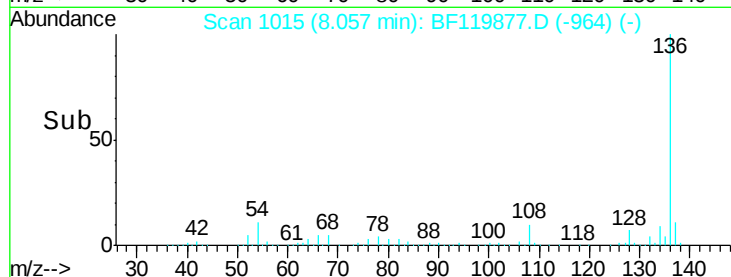


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 54.703 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Tgt Ion:105 Resp: 811813

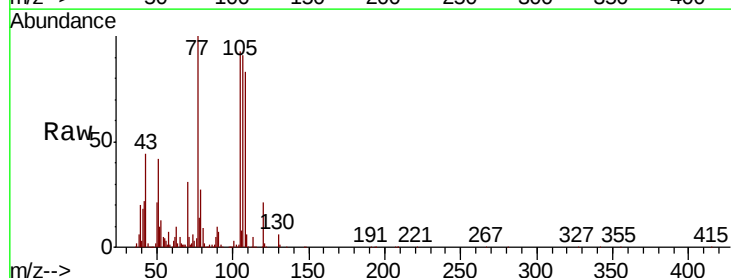
Ion Ratio Lower Upper

105 100

71 5.7 5.6 8.4

51 45.4 33.9 50.9

120 22.4 17.8 26.8

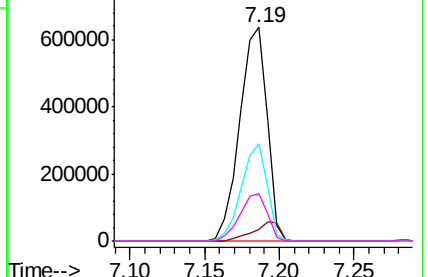
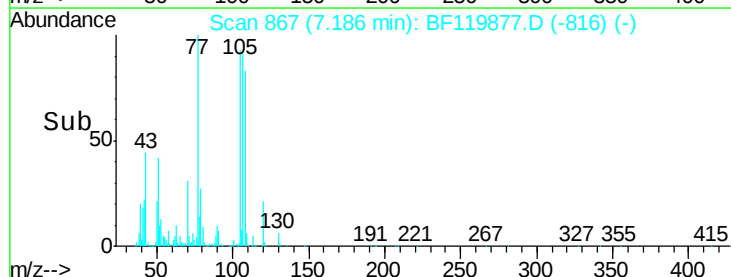


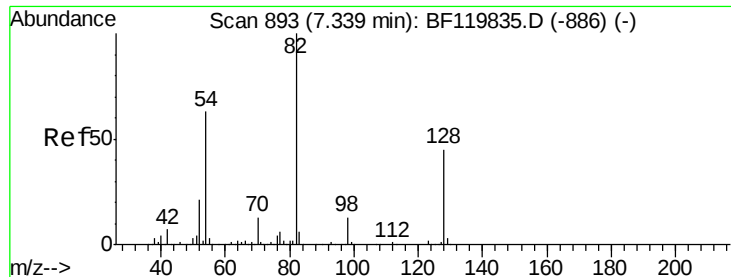
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

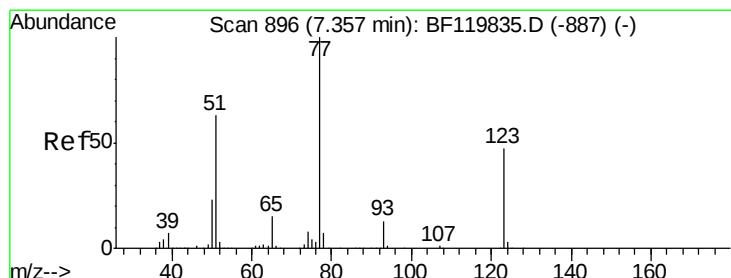
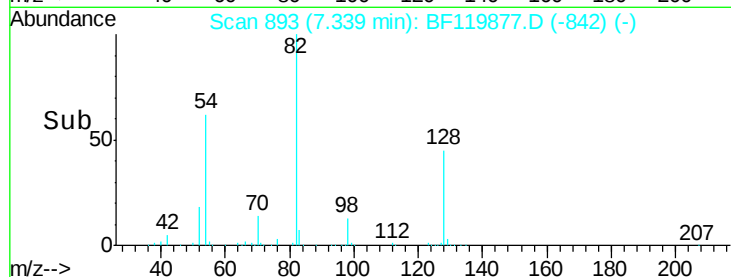
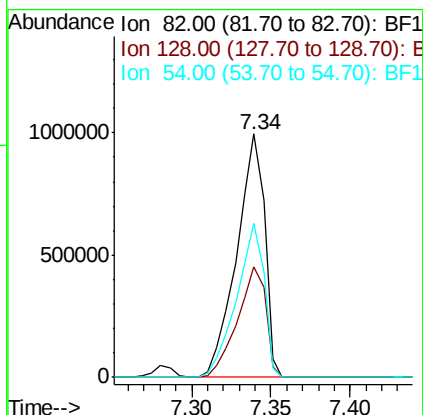
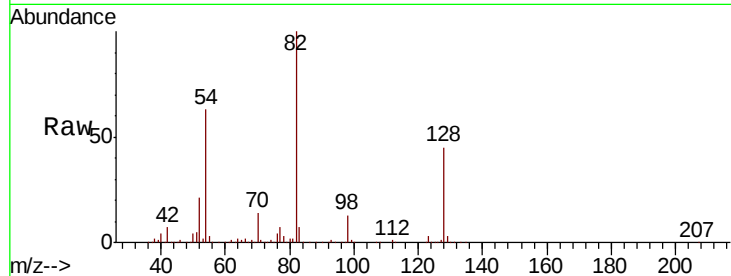




#23  
 Nitrobenzene-d5  
 Concen: 98.869 ng  
 RT: 7.34 min Scan# 893  
 Delta R.T. -0.00 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

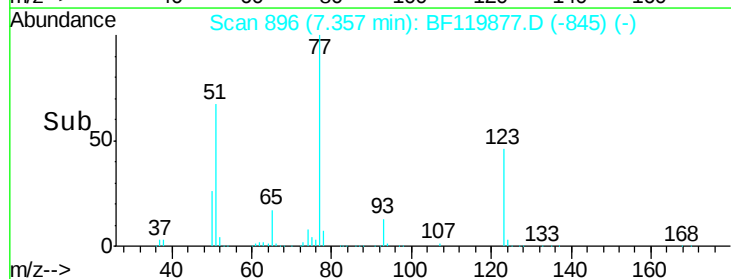
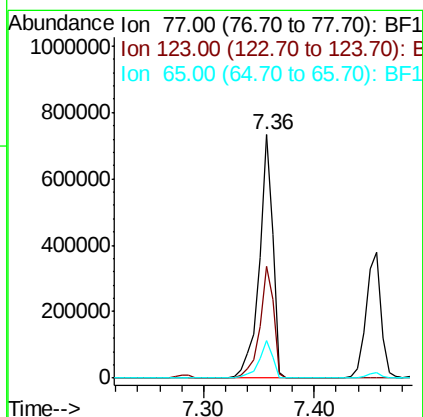
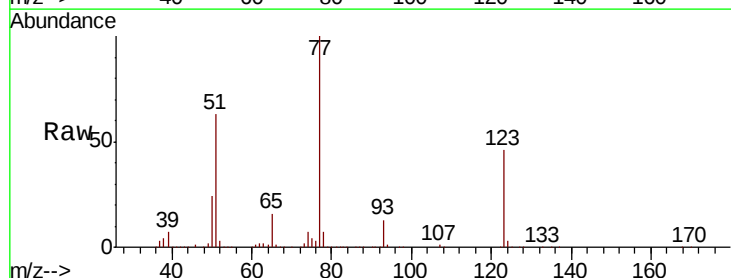
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CC-1MS

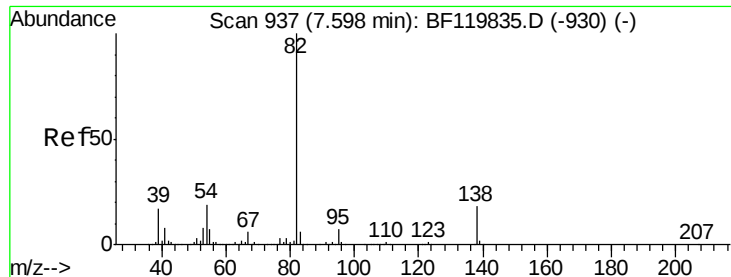
Tot Ion: 82 Resp: 1211162  
 Ion Ratio Lower Upper  
 82 100  
 128 45.3 36.2 54.4  
 54 63.2 50.4 75.6



#24  
 Nitrobenzene  
 Concen: 51.489 ng  
 RT: 7.36 min Scan# 896  
 Delta R.T. -0.00 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

Tgt Ion: 77 Resp: 634510  
 Ion Ratio Lower Upper  
 77 100  
 123 45.8 37.8 56.8  
 65 15.6 12.2 18.2





#25

Isophorone

Concen: 43.209 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

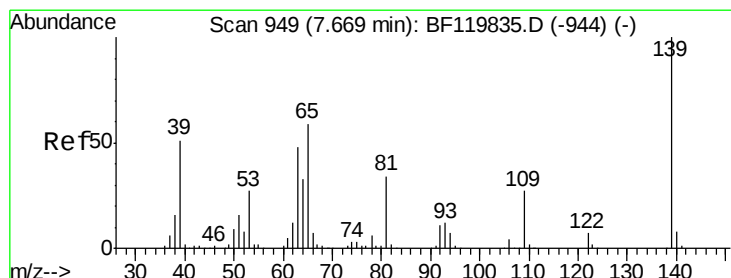
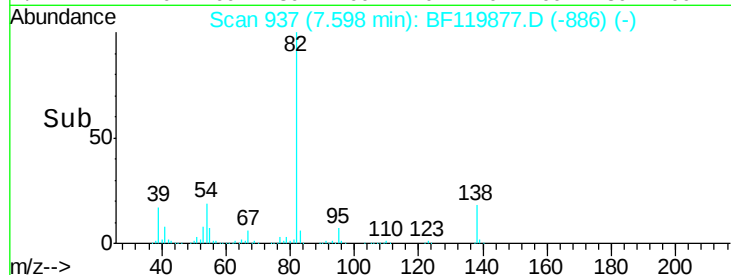
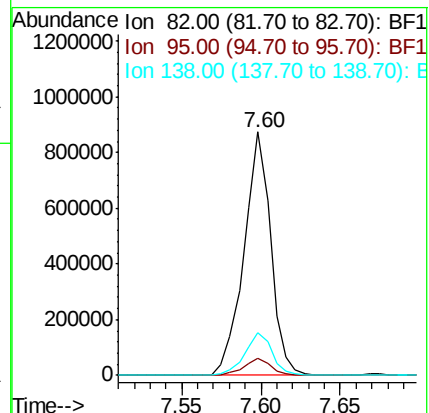
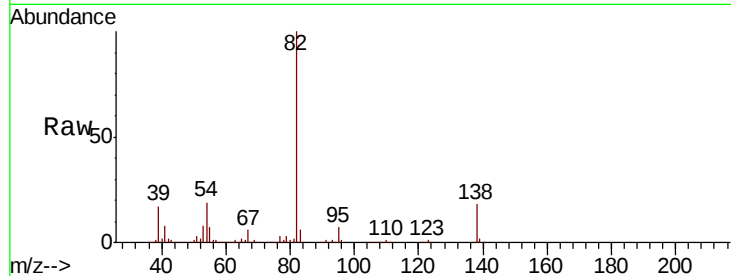
Tot Ion: 82 Resp: 1020358

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 17.7 14.5 21.7



#26

2-Nitrophenol

Concen: 44.955 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

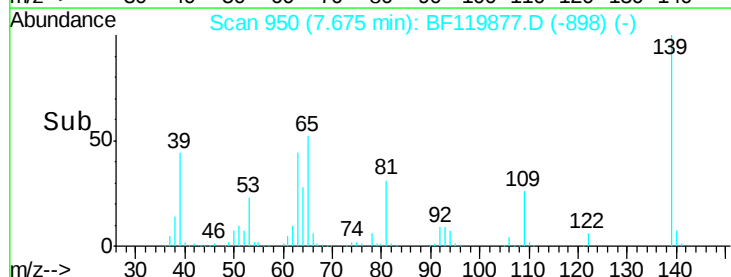
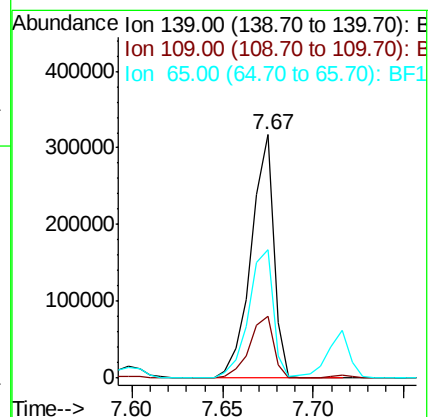
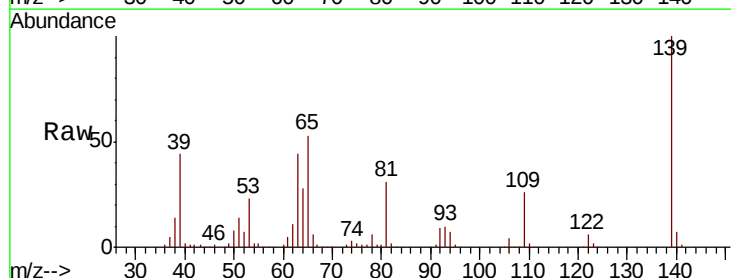
Tgt Ion: 139 Resp: 276773

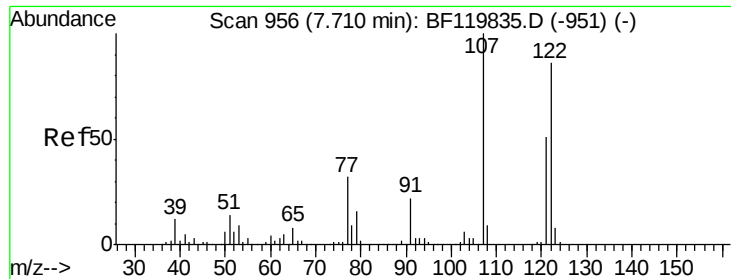
Ion Ratio Lower Upper

139 100

109 25.5 21.8 32.6

65 53.0 47.0 70.4

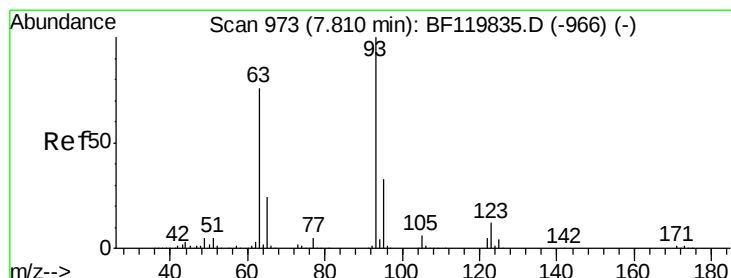
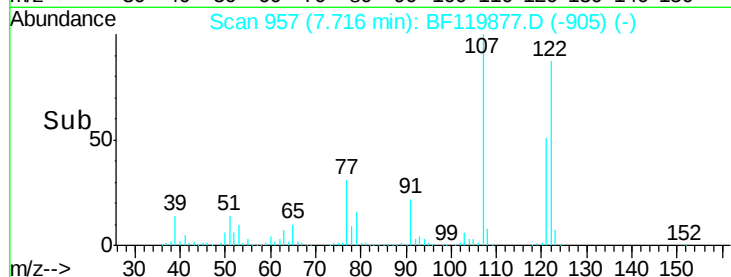
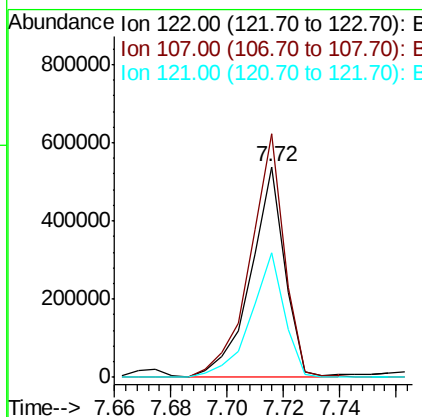
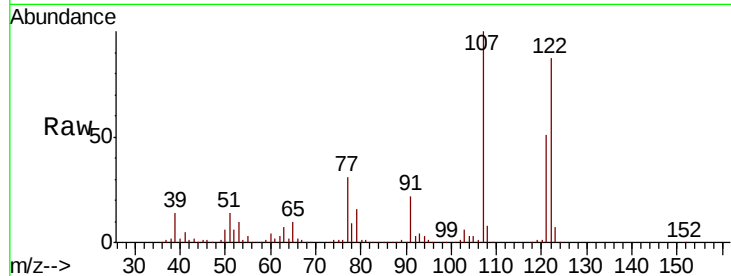




#27  
 2,4-Dimethylphenol  
 Concen: 48.780 ng  
 RT: 7.72 min Scan# 957  
 Delta R.T. 0.01 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

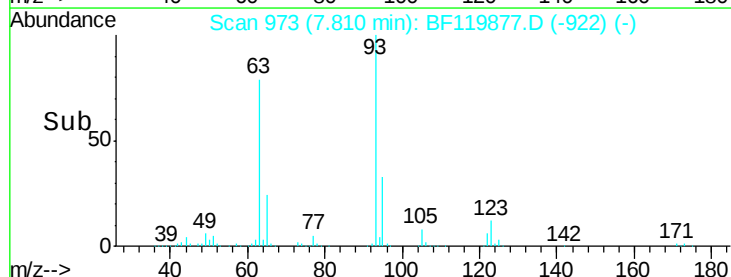
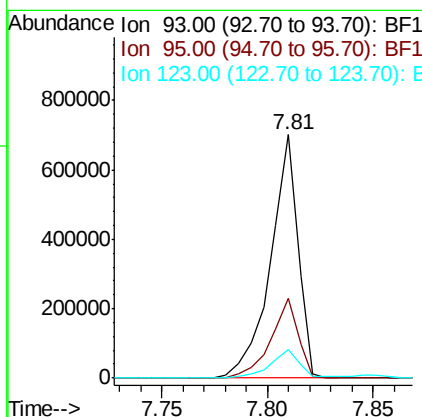
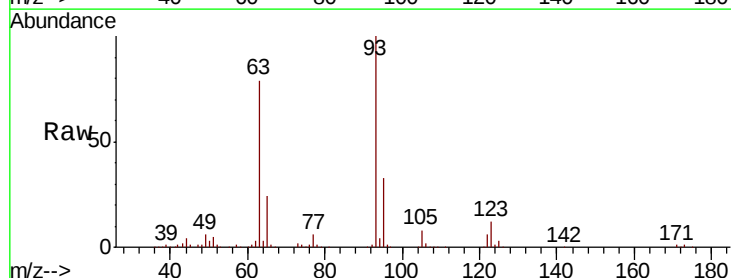
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CC-1MS

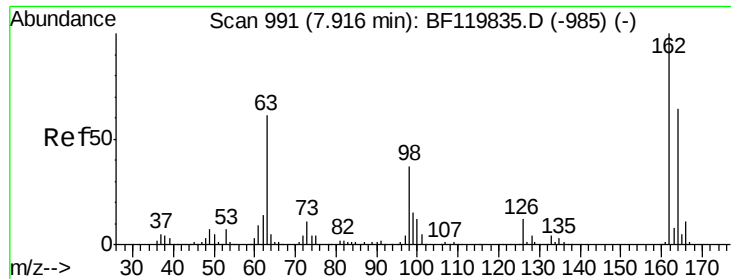
Tot Ion:122 Resp: 452942  
 Ion Ratio Lower Upper  
 122 100  
 107 115.6 92.3 138.5  
 121 59.0 46.6 70.0



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 45.831 ng  
 RT: 7.81 min Scan# 973  
 Delta R.T. -0.00 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

Tgt Ion: 93 Resp: 636858  
 Ion Ratio Lower Upper  
 93 100  
 95 32.9 26.4 39.6  
 123 11.6 9.7 14.5

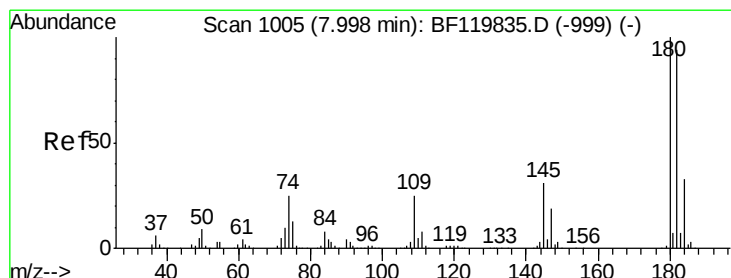
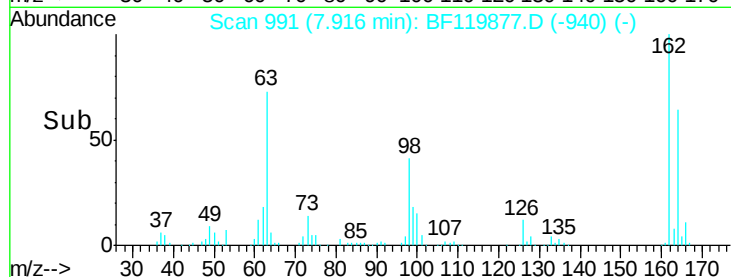
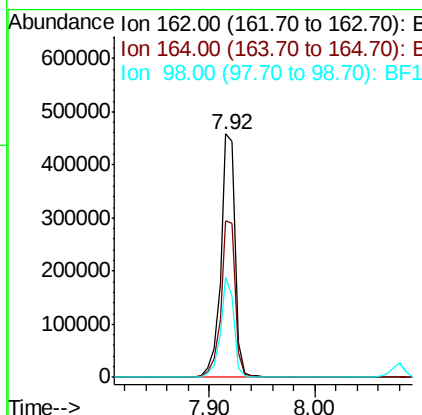
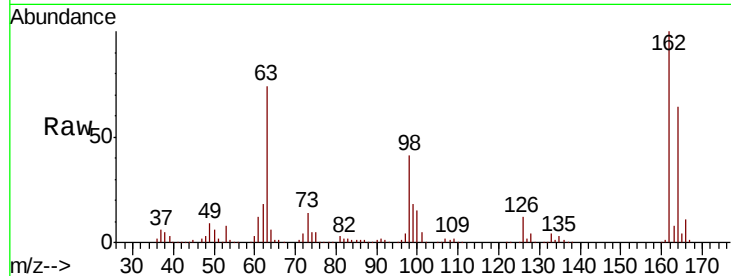




#29  
 2,4-Dichlorophenol  
 Concen: 46.056 ng  
 RT: 7.92 min Scan# 991  
 Delta R.T. -0.00 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

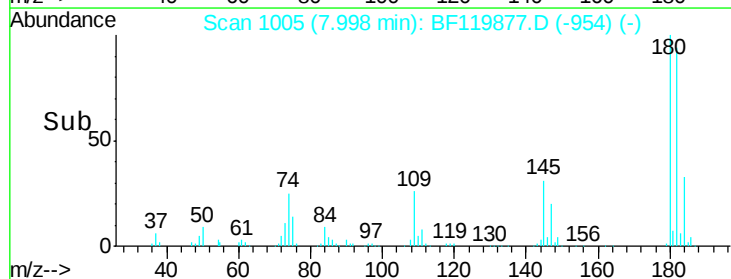
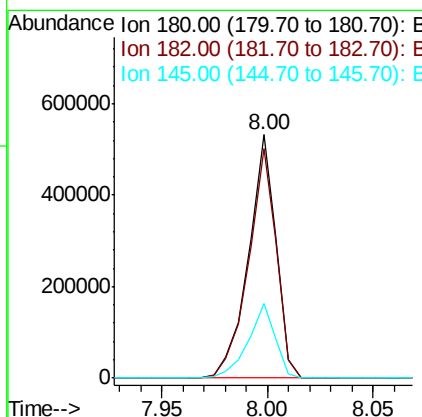
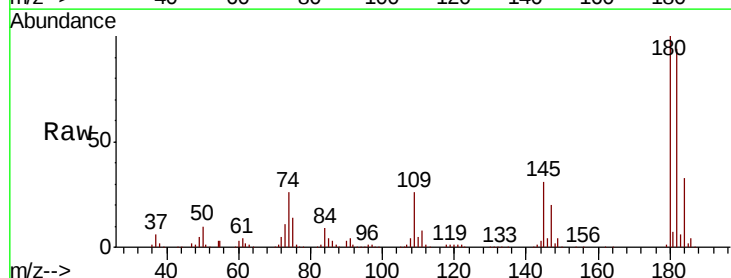
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CC-1MS

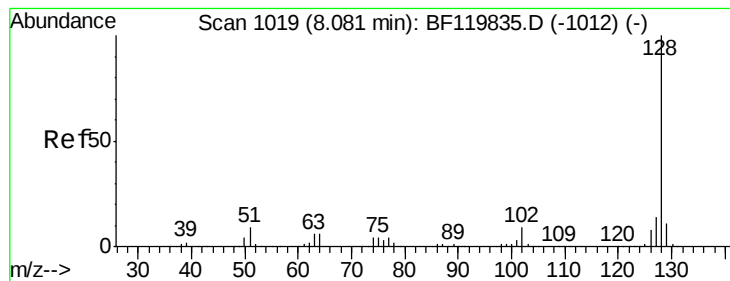
Tot Ion:162 Resp: 438353  
 Ion Ratio Lower Upper  
 162 100  
 164 64.1 44.4 84.4  
 98 41.4 17.3 57.3



#30  
 1,2,4-Trichlorobenzene  
 Concen: 44.862 ng  
 RT: 8.00 min Scan# 1005  
 Delta R.T. -0.00 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

Tgt Ion:180 Resp: 483813  
 Ion Ratio Lower Upper  
 180 100  
 182 94.0 75.4 113.0  
 145 30.7 24.6 37.0





#31

Naphthalene

Concen: 46.444 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

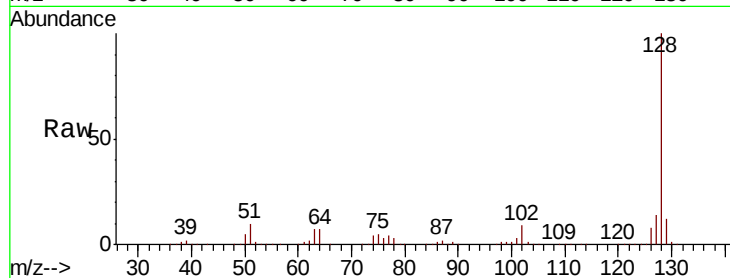
Tot Ion:128 Resp: 1548576

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

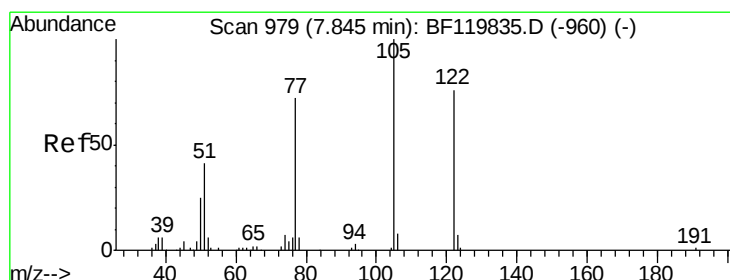
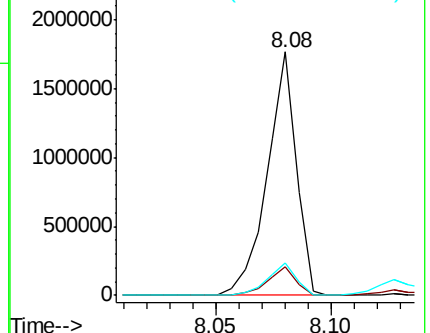
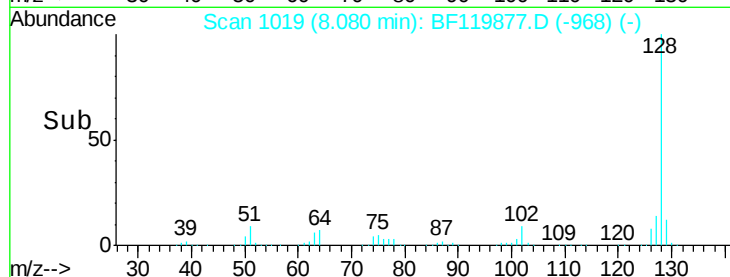
127 13.5 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.424 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

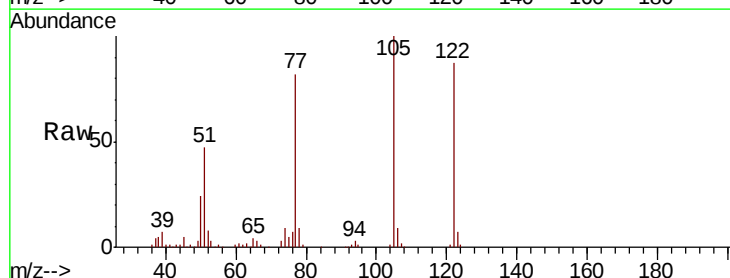
Tgt Ion:122 Resp: 321500

Ion Ratio Lower Upper

122 100

105 115.5 106.7 146.7

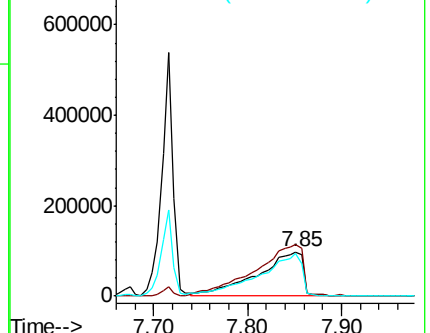
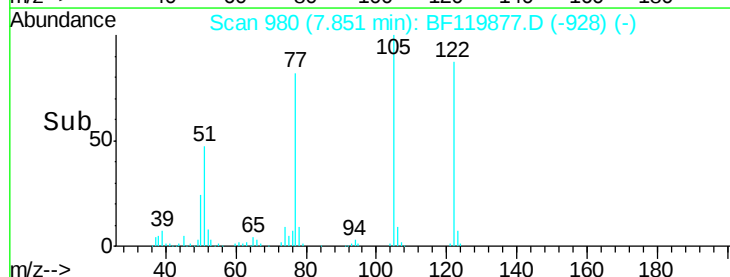
77 95.2 72.1 112.1

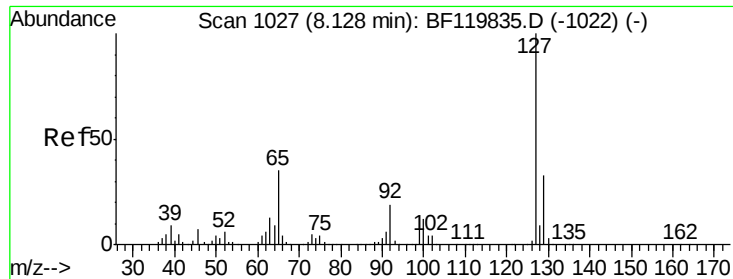


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

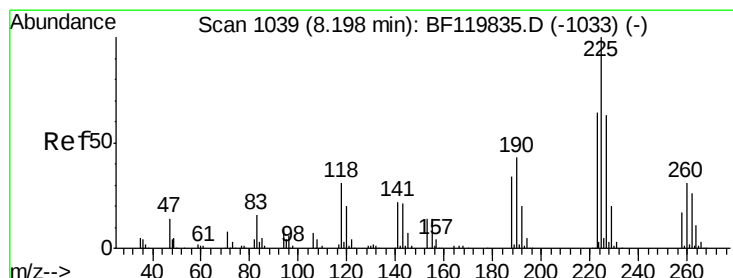
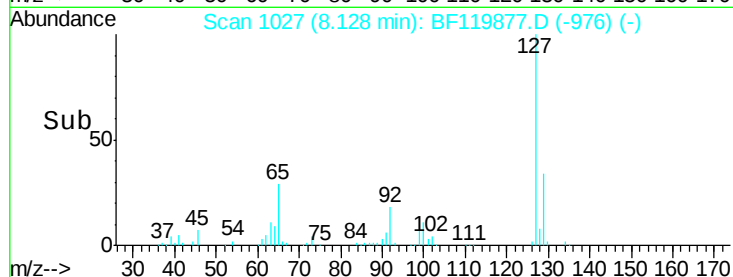
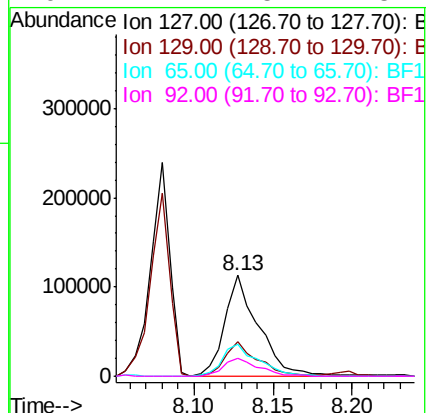
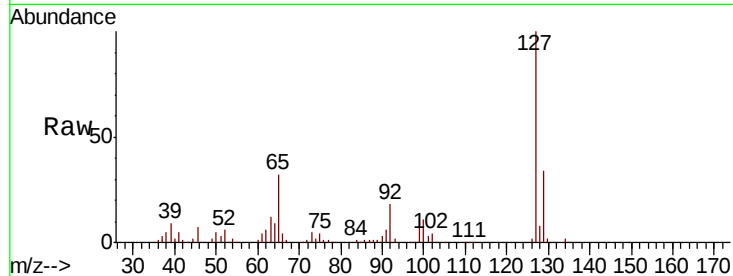




#33  
4-Chloroaniline  
Concen: 11.394 ng  
RT: 8.13 min Scan# 1027  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

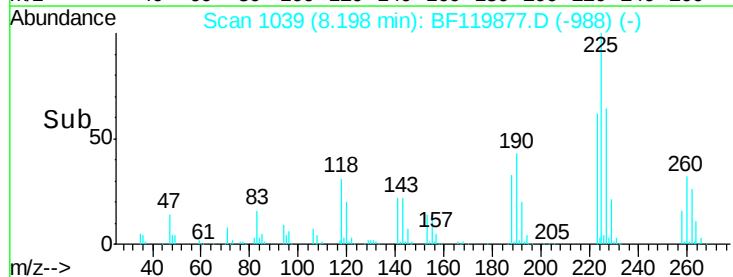
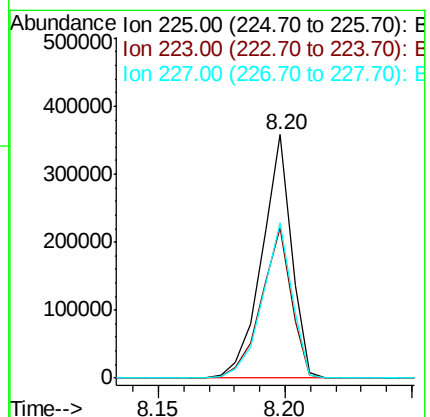
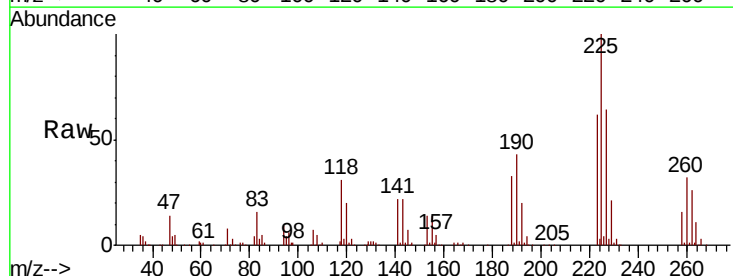
Instrument :  
BNA\_F  
ClientSampleId :  
CC-1MS

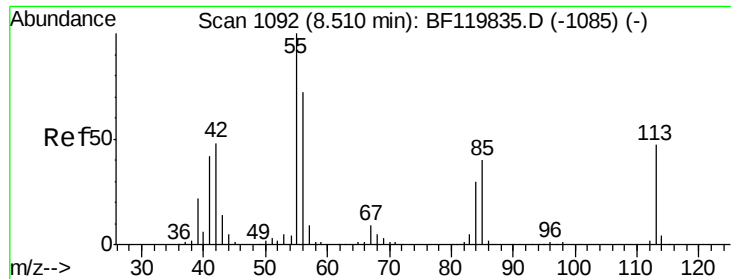
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 165385 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.8  | 26.2  | 39.2   |
| 65       | 31.7  | 28.3  | 42.5   |
| 92       | 17.7  | 15.4  | 23.2   |



#34  
Hexachlorobutadiene  
Concen: 45.269 ng  
RT: 8.20 min Scan# 1039  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 292242 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.9  | 51.0  | 76.6   |
| 227      | 63.6  | 50.4  | 75.6   |

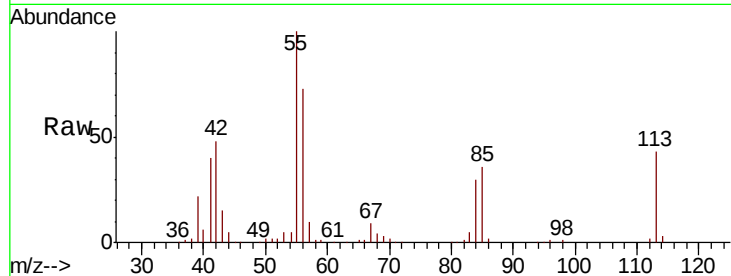




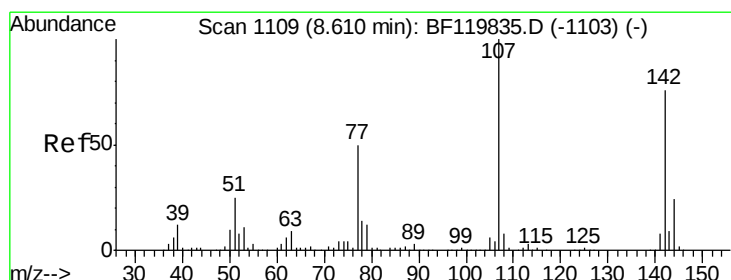
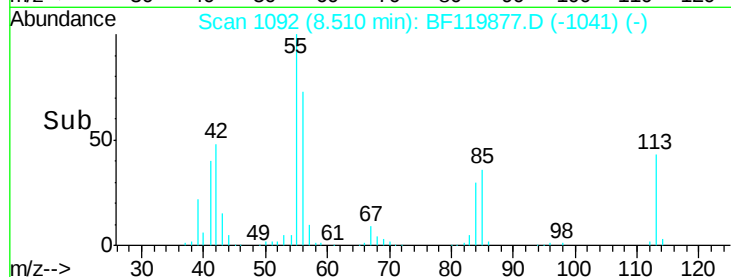
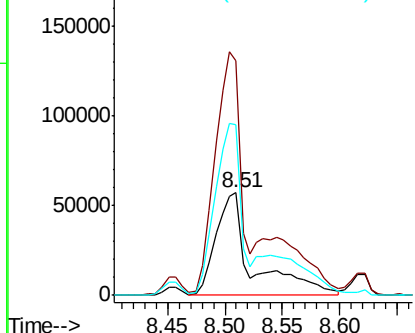
#35  
 Caprolactam  
 Concen: 43.644 ng/ml  
 RT: 8.51 min Scan# 1092  
 Delta R.T. -0.00 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CC-1MS

Tot Ion:113 Resp: 127068  
 Ion Ratio Lower Upper  
 113 100  
 55 230.1 192.7 232.7  
 56 167.6 133.3 173.3

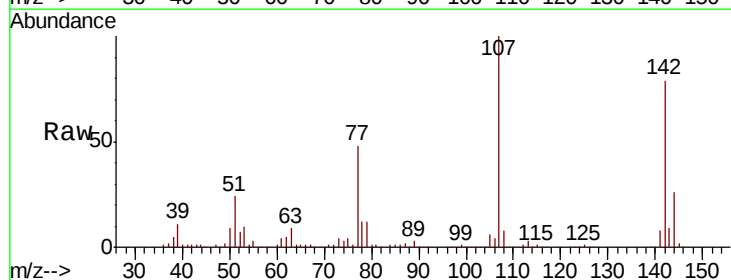


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

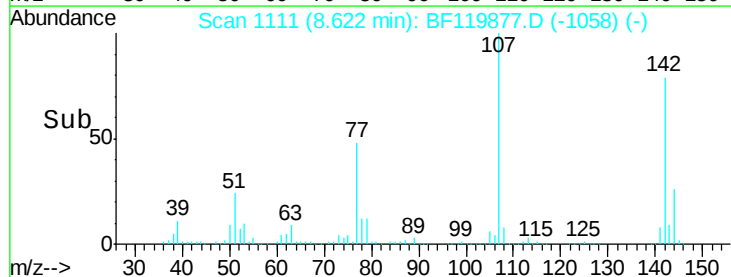
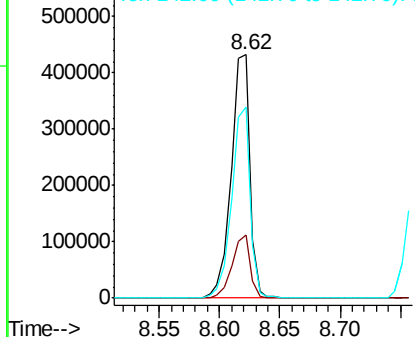


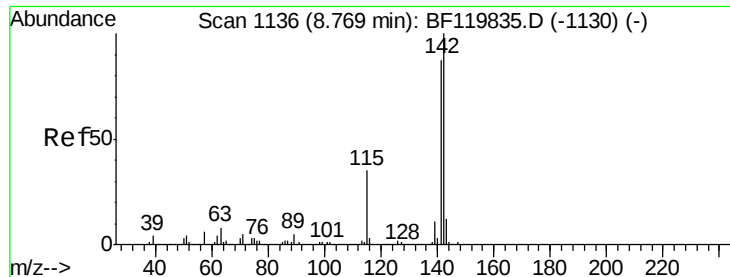
#36  
 4-Chloro-3-methylphenol  
 Concen: 45.636 ng/ml  
 RT: 8.62 min Scan# 1111  
 Delta R.T. 0.01 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

Tgt Ion:107 Resp: 470257  
 Ion Ratio Lower Upper  
 107 100  
 144 26.1 19.5 29.3  
 142 78.7 60.5 90.7



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

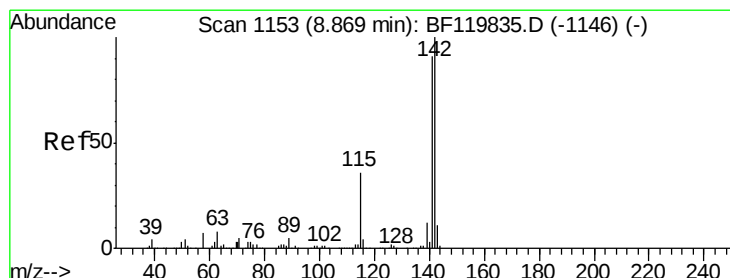
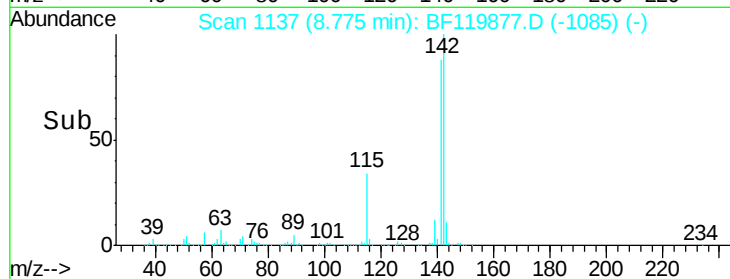
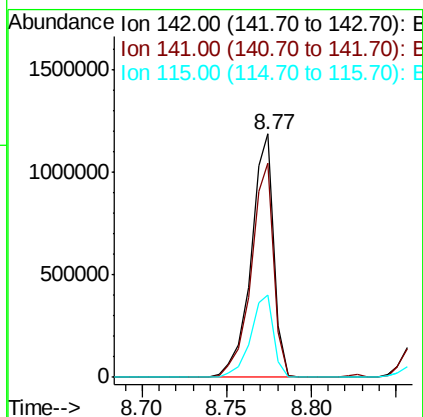
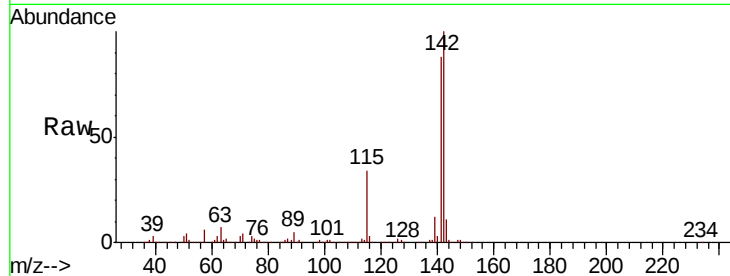




#37  
2-Methylnaphthalene  
Concen: 49.221 ng  
RT: 8.77 min Scan# 1137  
Delta R.T. 0.01 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

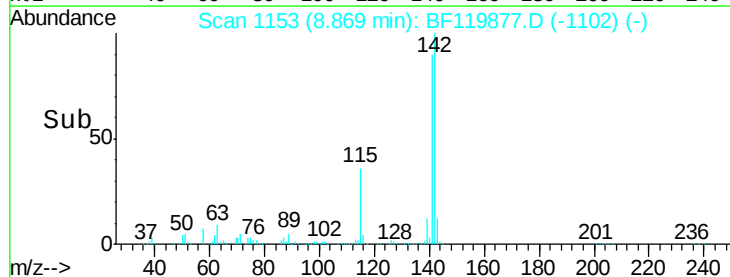
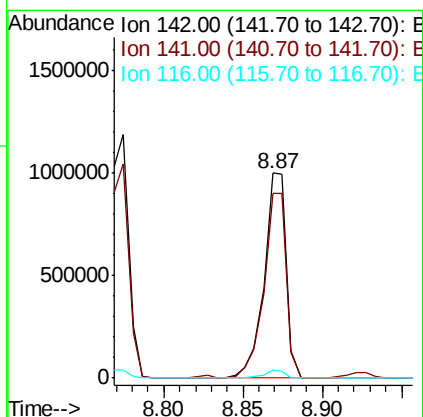
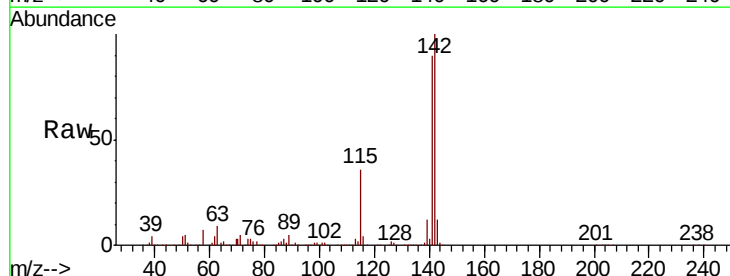
Instrument :  
BNA\_F  
ClientSampleId :  
CC-1MS

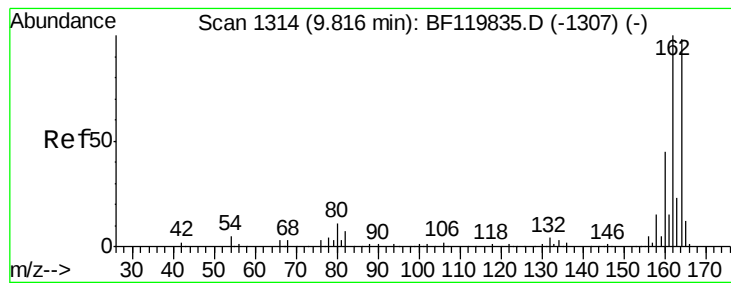
Tot Ion:142 Resp: 1112677  
Ion Ratio Lower Upper  
142 100  
141 87.8 69.9 104.9  
115 34.1 28.0 42.0



#38  
1-Methylnaphthalene  
Concen: 46.048 ng  
RT: 8.87 min Scan# 1153  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Tgt Ion:142 Resp: 981131  
Ion Ratio Lower Upper  
142 100  
141 89.9 72.9 109.3  
116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

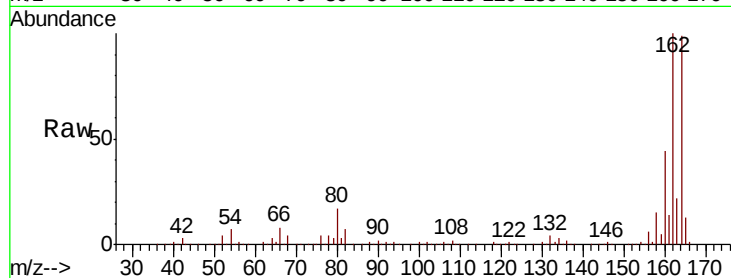
Tot Ion:164 Resp: 293703

Ion Ratio Lower Upper

164 100

162 101.0 81.9 122.9

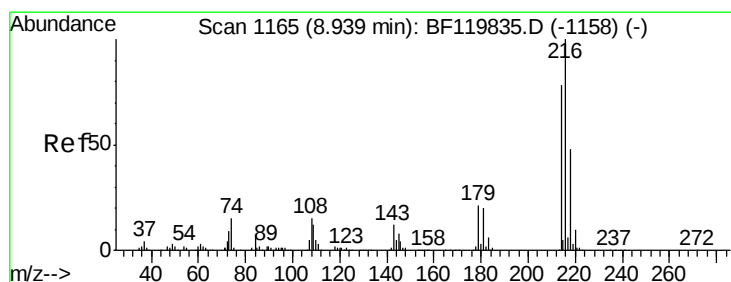
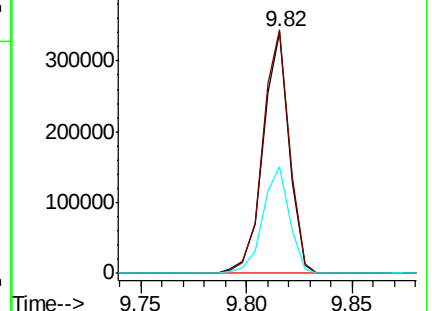
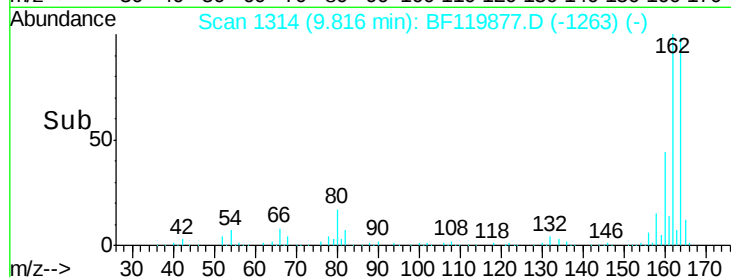
160 44.3 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.222 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Tgt Ion:216 Resp: 447324

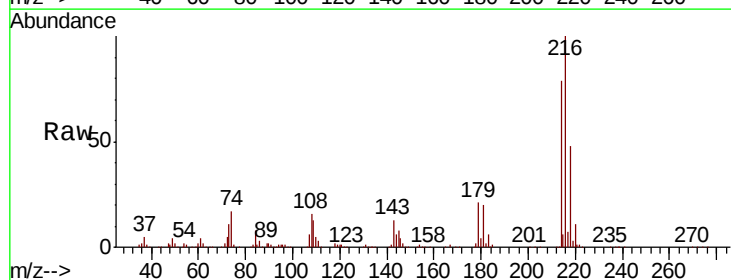
Ion Ratio Lower Upper

216 100

214 79.6 63.1 94.7

179 21.2 17.0 25.4

108 18.1 14.8 22.2

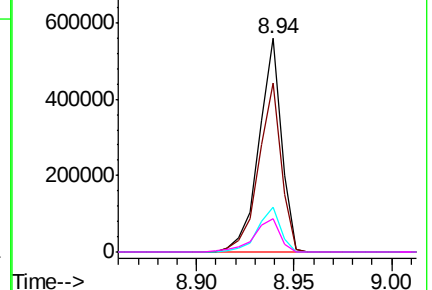
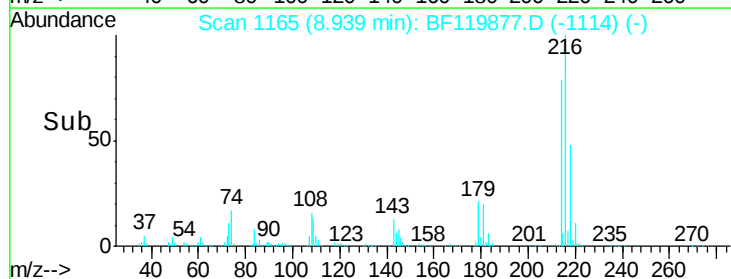


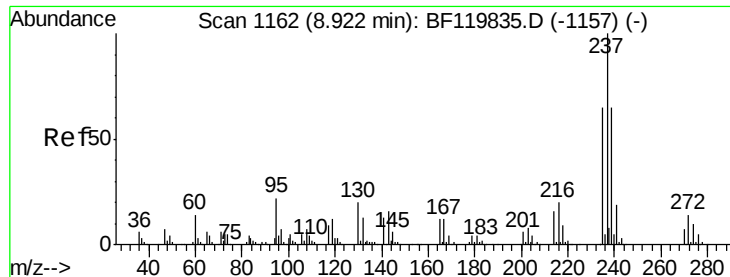
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 45.603 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

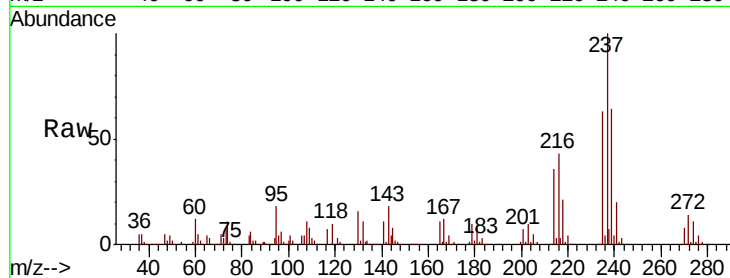
Tot Ion:237 Resp: 240554

Ion Ratio Lower Upper

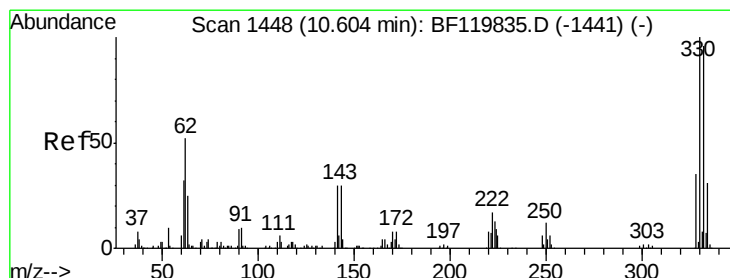
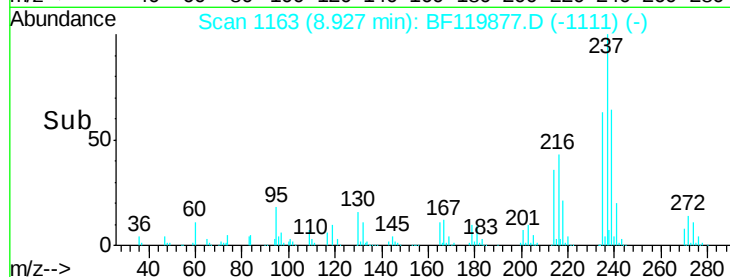
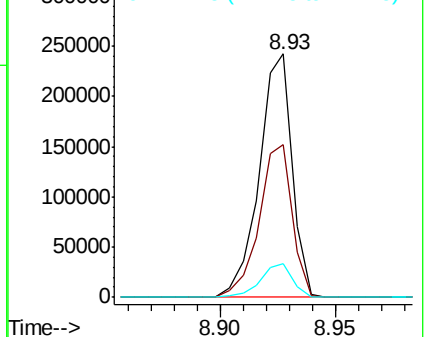
237 100

235 62.8 44.9 84.9

272 14.0 0.0 33.6



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



#42

2,4,6-Tribromophenol

Concen: 118.288 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

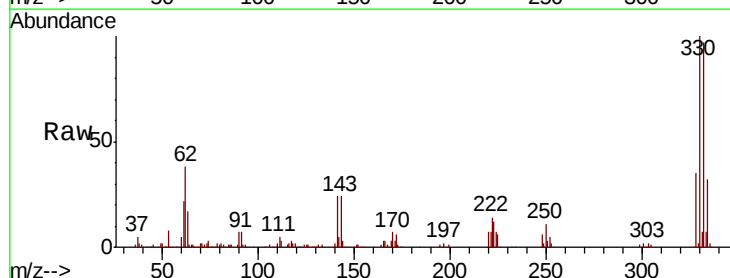
Tgt Ion:330 Resp: 425354

Ion Ratio Lower Upper

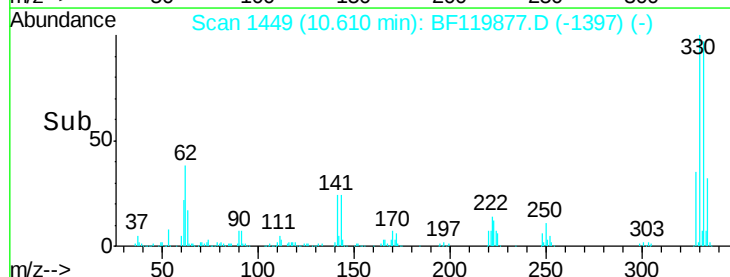
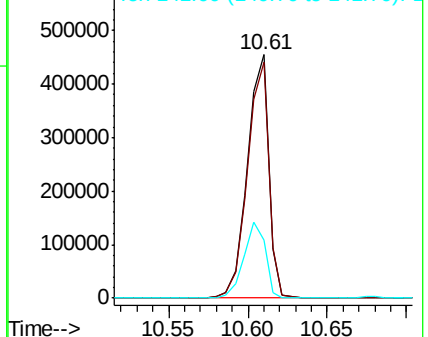
330 100

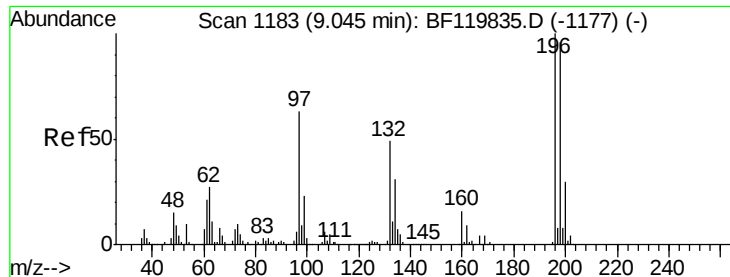
332 97.2 76.8 115.2

141 31.6 25.1 37.7



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

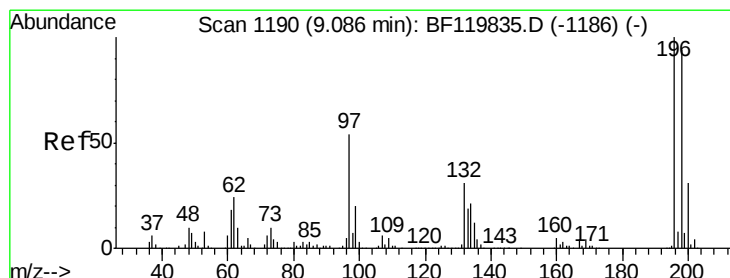
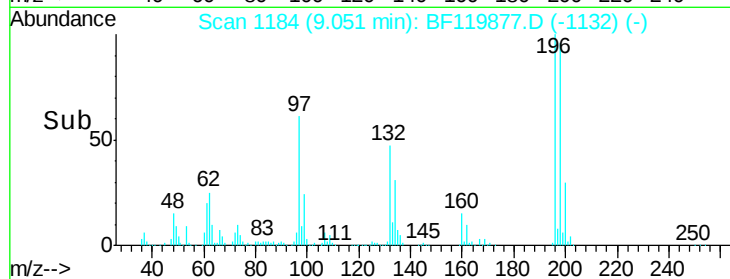
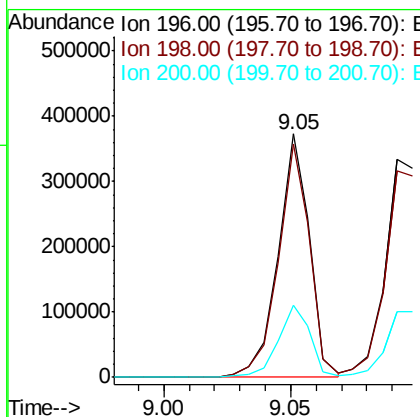
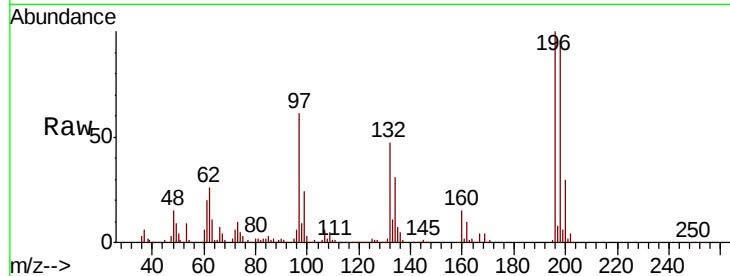




#43  
 2,4,6-Trichlorophenol  
 Concen: 50.405 ng  
 RT: 9.05 min Scan# 1184  
 Delta R.T. 0.01 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

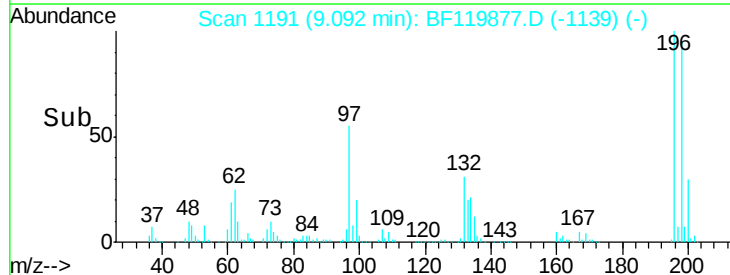
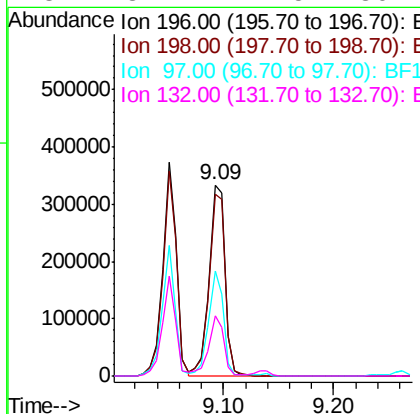
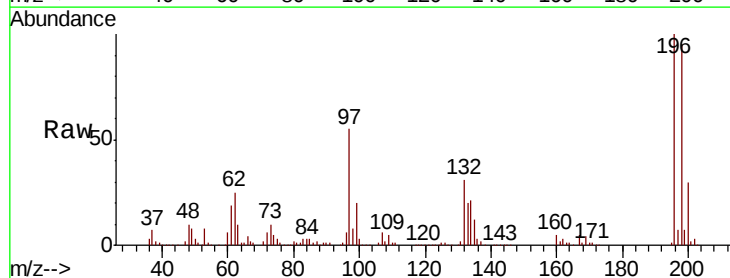
Instrument :  
 BNA\_F  
 ClientSampleID :  
 CC-1MS

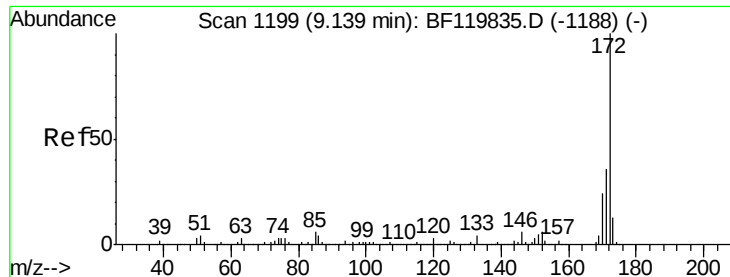
Tot Ion:196 Resp: 322883  
 Ion Ratio Lower Upper  
 196 100  
 198 96.1 76.6 115.0  
 200 29.8 24.2 36.2



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.062 ng  
 RT: 9.09 min Scan# 1191  
 Delta R.T. 0.01 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

Tgt Ion:196 Resp: 325111  
 Ion Ratio Lower Upper  
 196 100  
 198 94.9 75.1 112.7  
 97 54.9 43.4 65.2  
 132 31.2 24.5 36.7

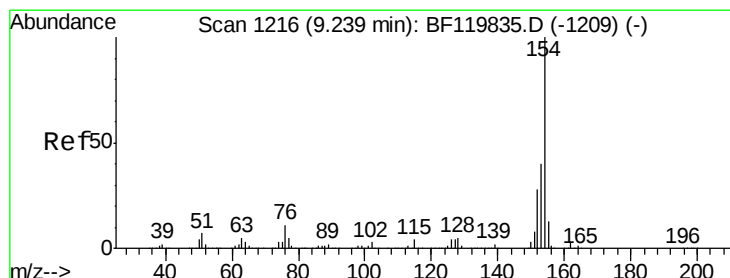
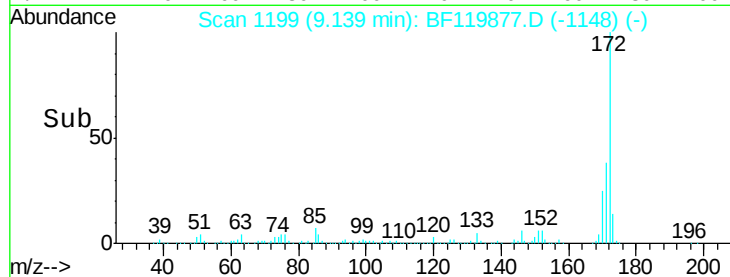
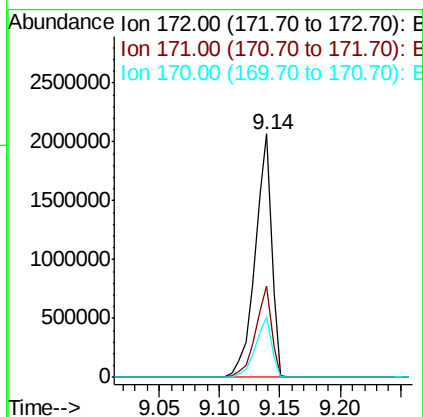
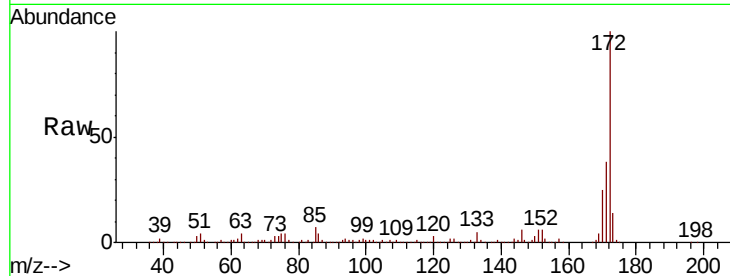




#45  
2-Fluorobiphenyl  
Concen: 95.648 ng  
RT: 9.14 min Scan# 1199  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

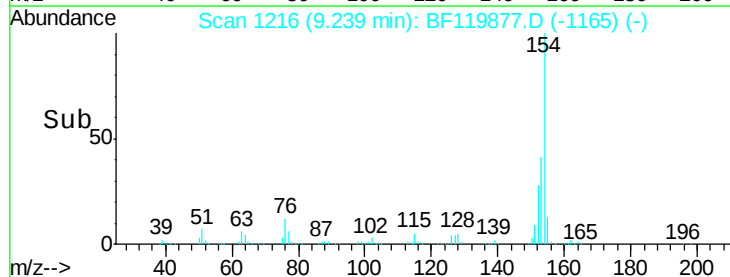
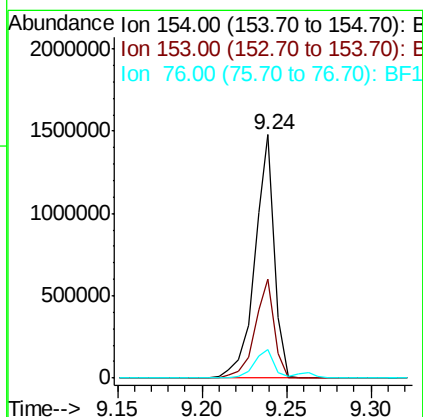
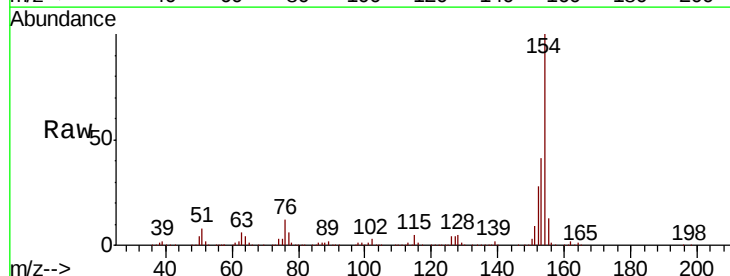
Instrument :  
BNA\_F  
ClientSampleId :  
CC-1MS

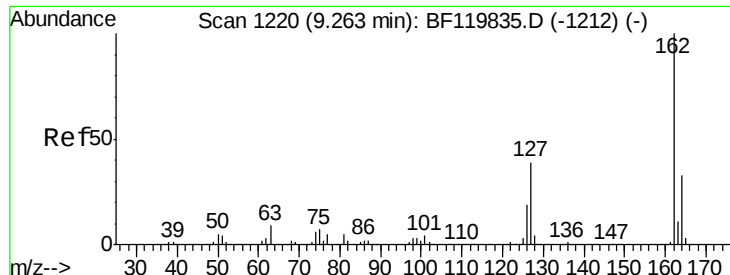
Tot Ion:172 Resp: 1978624  
Ion Ratio Lower Upper  
172 100  
171 37.6 28.9 43.3  
170 25.0 19.4 29.2



#46  
1,1'-Biphenyl  
Concen: 47.812 ng  
RT: 9.24 min Scan# 1216  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Tgt Ion:154 Resp: 1185273  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.5 60.5  
76 11.7 0.0 30.6

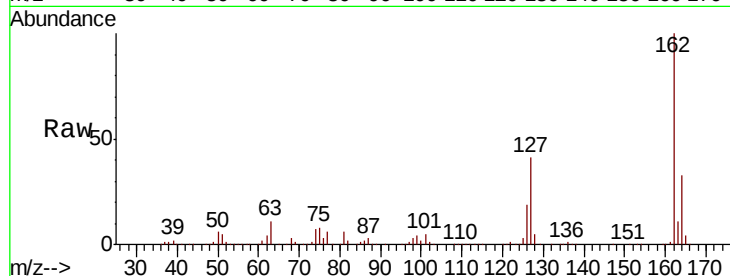




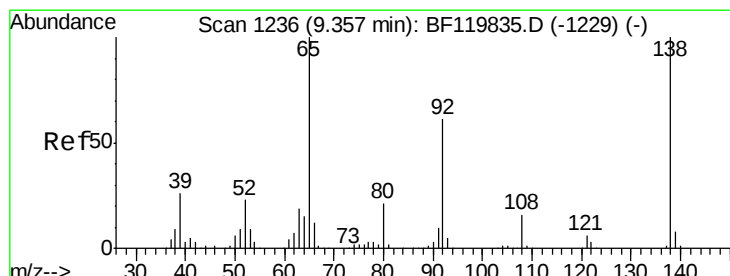
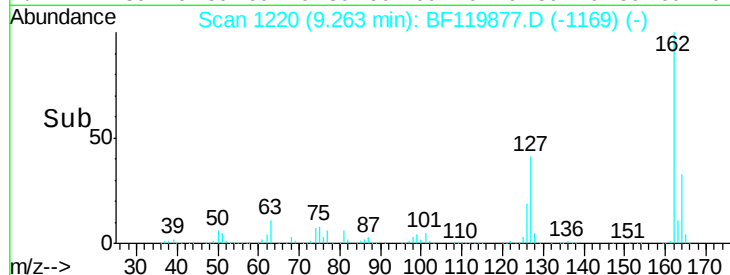
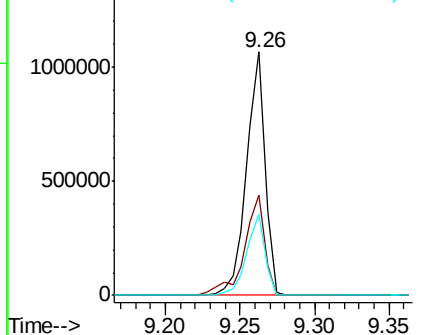
#47  
 2-Chloronaphthalene  
 Concen: 48.090 ng  
 RT: 9.26 min Scan# 1220  
 Delta R.T. -0.00 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CC-1MS

Tot Ion:162 Resp: 918370  
 Ion Ratio Lower Upper  
 162 100  
 127 41.1 31.2 46.8  
 164 33.2 26.3 39.5

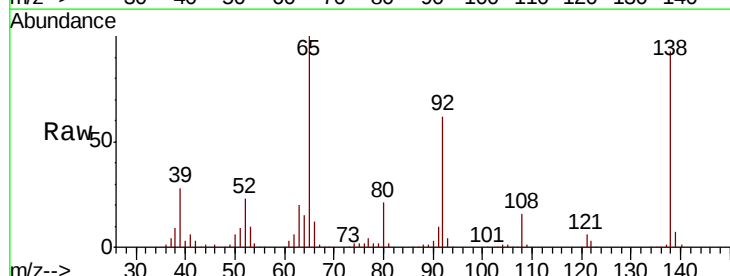


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

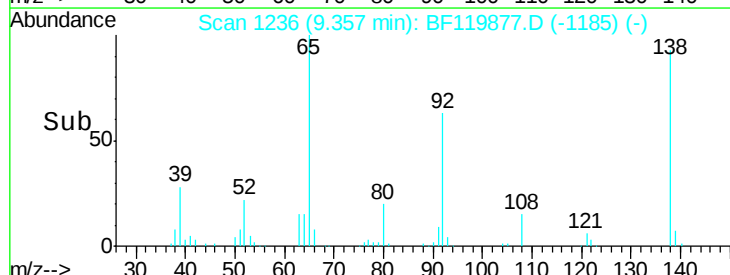
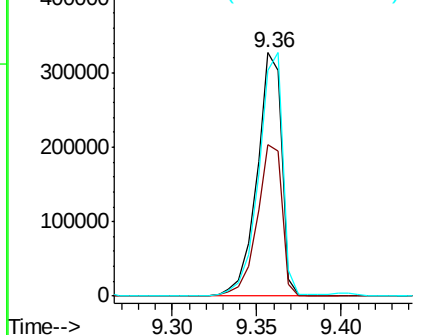


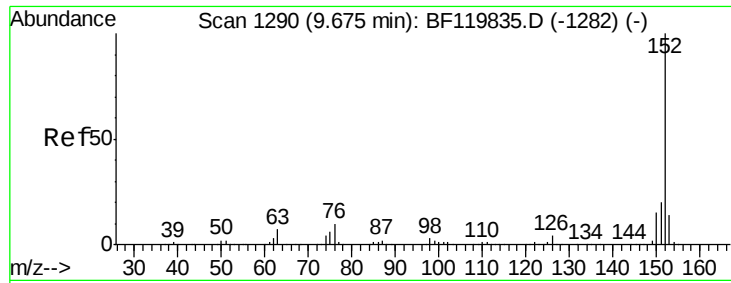
#48  
 2-Nitroaniline  
 Concen: 48.221 ng  
 RT: 9.36 min Scan# 1236  
 Delta R.T. -0.00 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

Tgt Ion: 65 Resp: 333715  
 Ion Ratio Lower Upper  
 65 100  
 92 62.5 49.0 73.6  
 138 92.9 79.7 119.5



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





#49

Acenaphthylene

Concen: 47.143 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

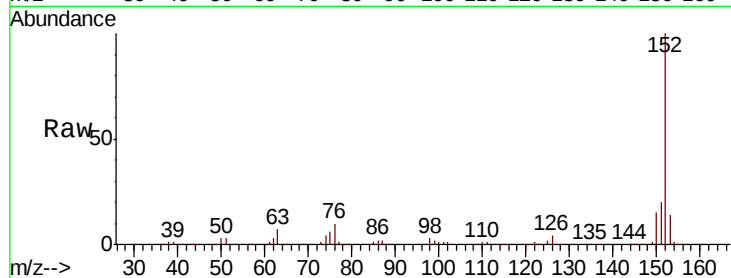
Tot Ion:152 Resp: 1369188

Ion Ratio Lower Upper

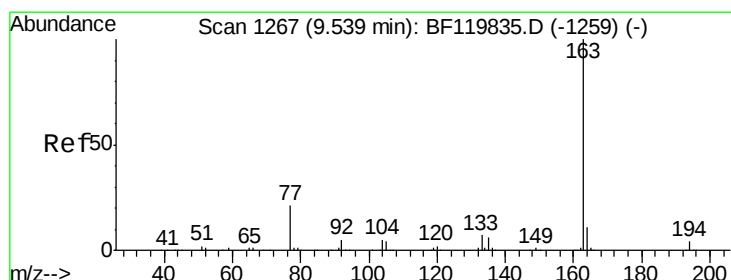
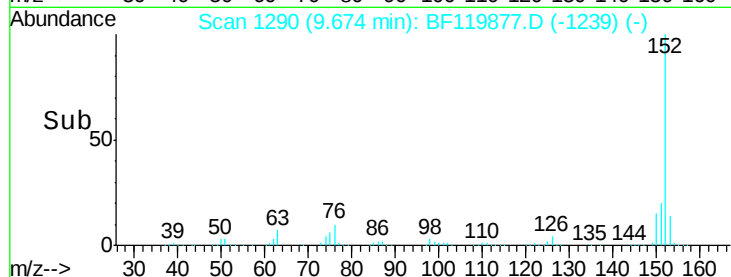
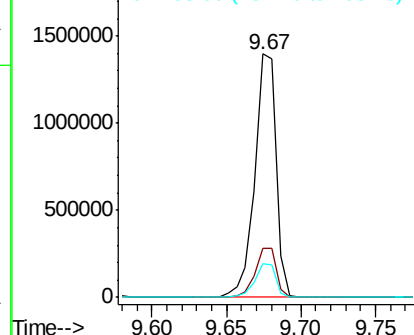
152 100

151 20.0 16.2 24.4

153 13.9 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.120 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

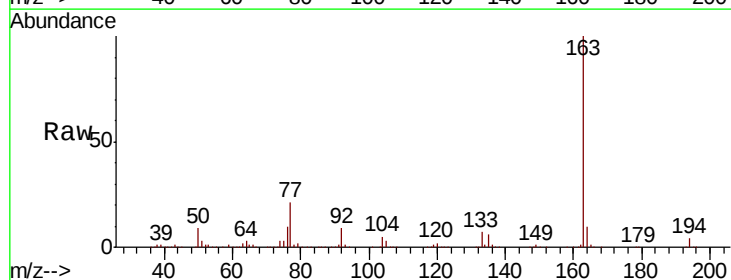
Tgt Ion:163 Resp: 1297613

Ion Ratio Lower Upper

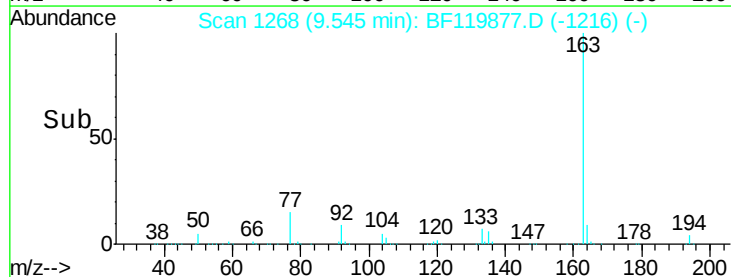
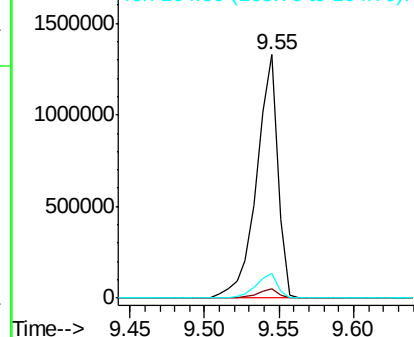
163 100

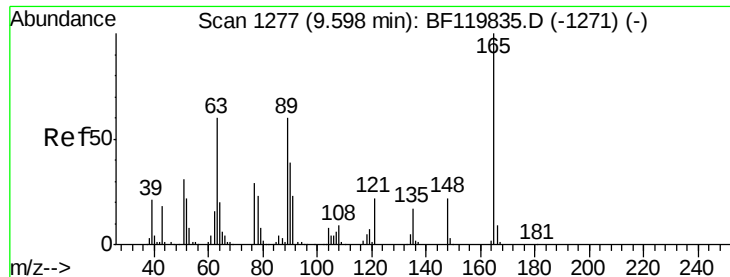
194 4.1 3.0 4.4

164 10.2 8.4 12.6



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

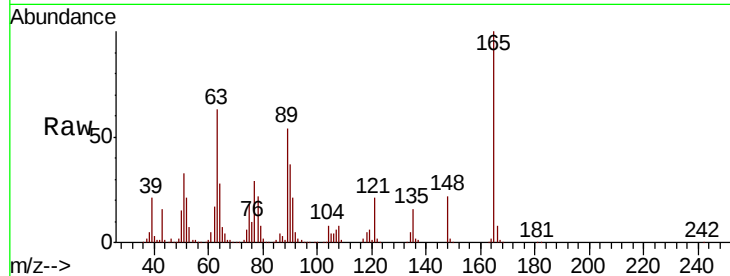




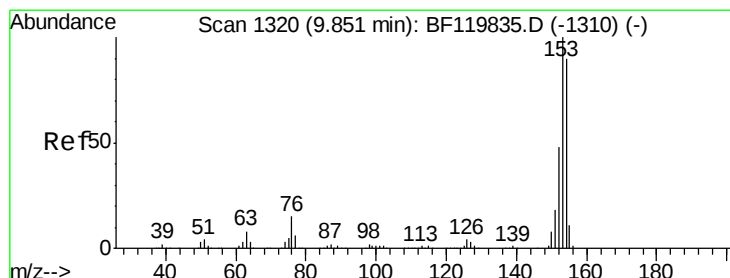
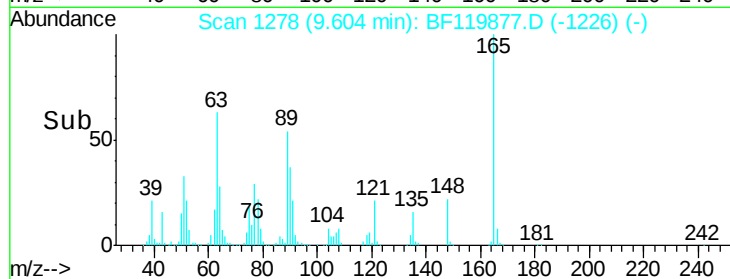
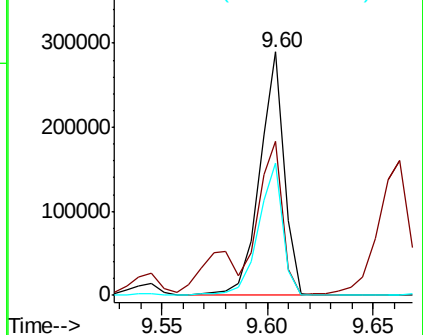
#51  
2,6-Dinitrotoluene  
Concen: 46.829 ng  
RT: 9.60 min Scan# 1278  
Delta R.T. 0.01 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Instrument :  
BNA\_F  
ClientSampleId :  
CC-1MS

Tot Ion:165 Resp: 232965  
Ion Ratio Lower Upper  
165 100  
63 63.0 55.6 83.4  
89 54.4 47.9 71.9

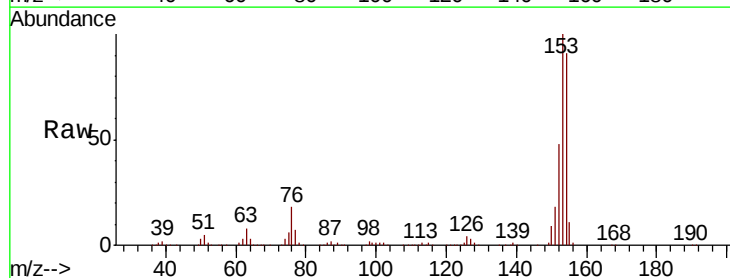


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

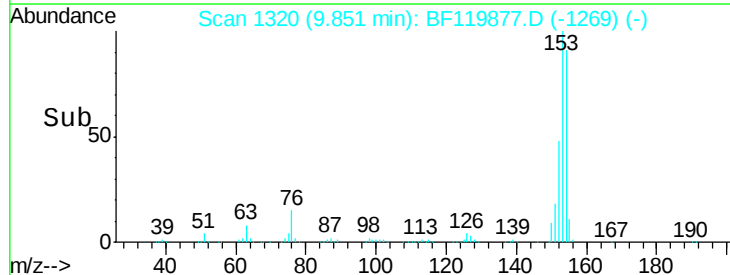
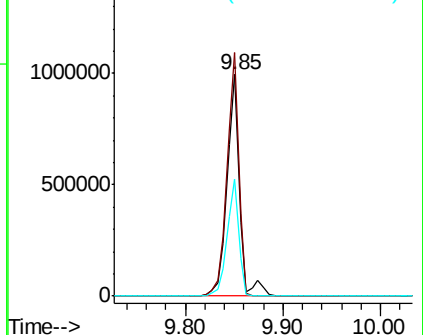


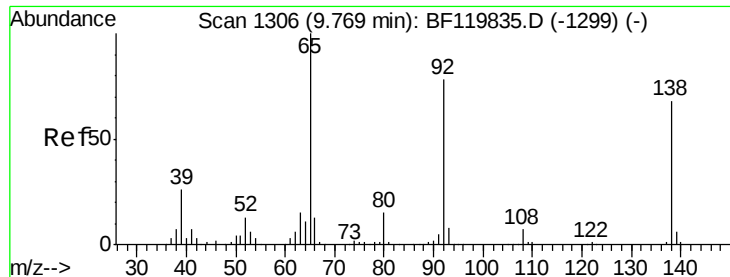
#52  
Acenaphthene  
Concen: 45.991 ng m  
RT: 9.85 min Scan# 1320  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Tgt Ion:154 Resp: 891015  
Ion Ratio Lower Upper  
154 100  
153 109.8 88.8 133.2  
152 52.8 42.4 63.6



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

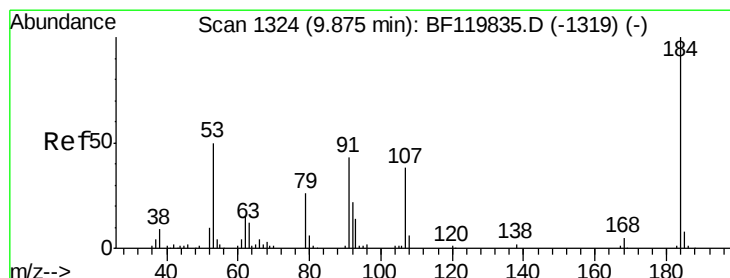
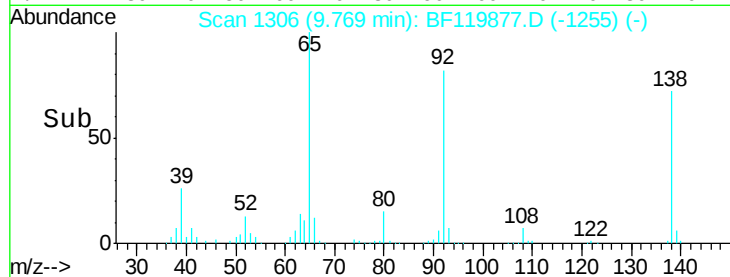
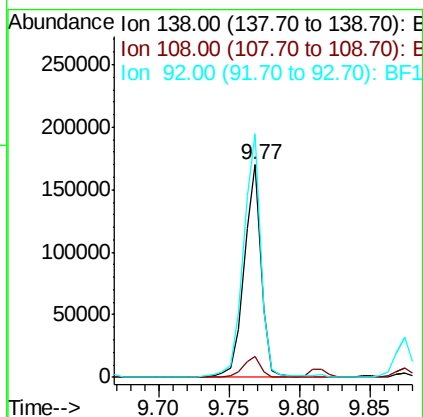
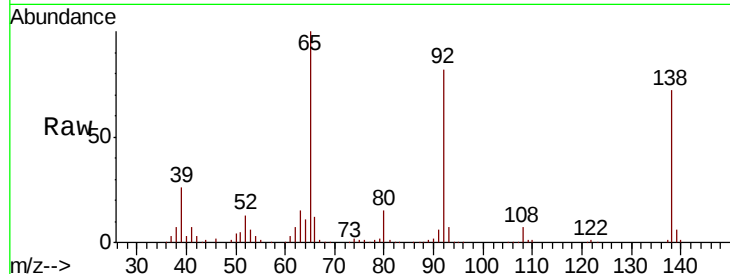




#53  
 3-Nitroaniline  
 Concen: 25.300 ng  
 RT: 9.77 min Scan# 1306  
 Delta R.T. -0.00 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

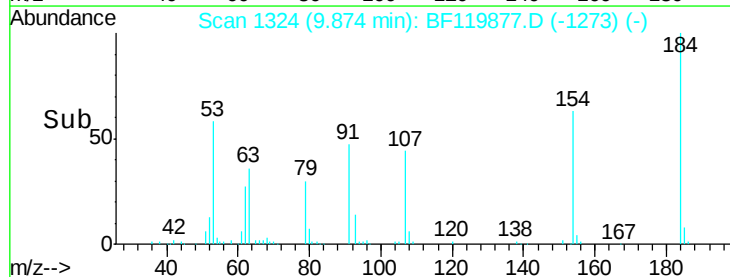
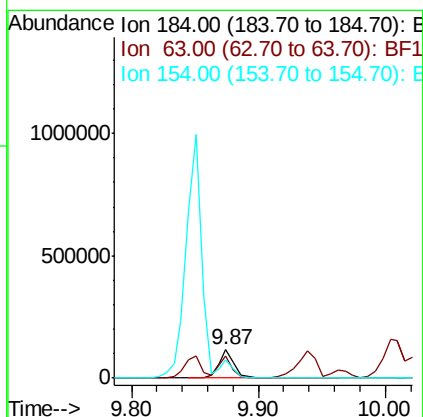
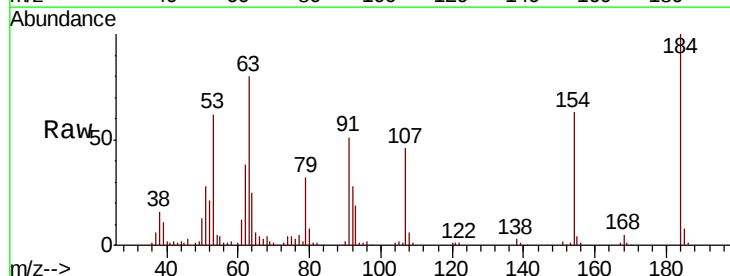
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CC-1MS

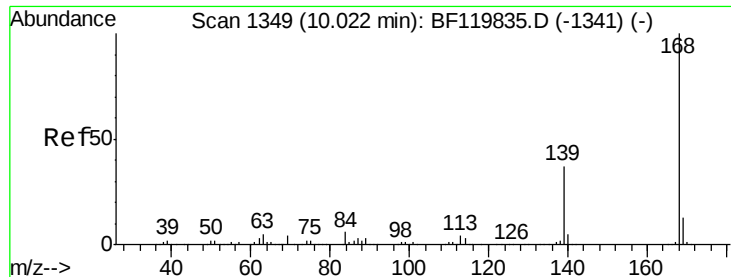
Tot Ion:138 Resp: 143746  
 Ion Ratio Lower Upper  
 138 100  
 108 10.1 8.0 12.0  
 92 114.5 92.1 138.1



#54  
 2,4-Dinitrophenol  
 Concen: 33.905 ng  
 RT: 9.87 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

Tgt Ion:184 Resp: 100981  
 Ion Ratio Lower Upper  
 184 100  
 63 79.7 49.8 74.6#  
 154 63.0 46.5 69.7

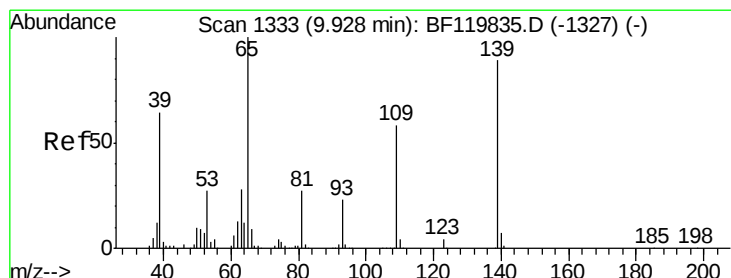
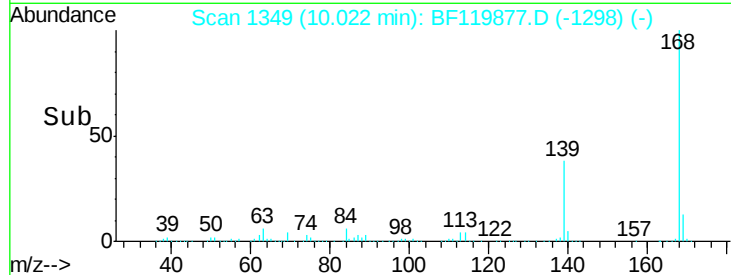
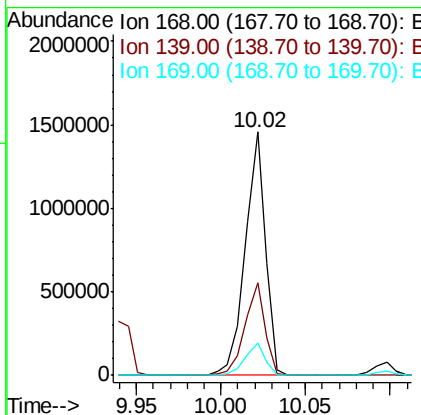
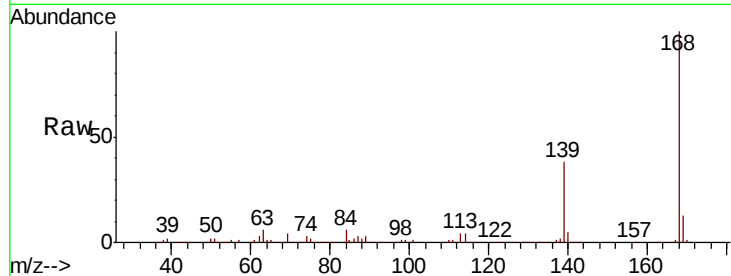




#55  
Dibenzenofuran  
Concen: 46.177 ng  
RT: 10.02 min Scan# 1349  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

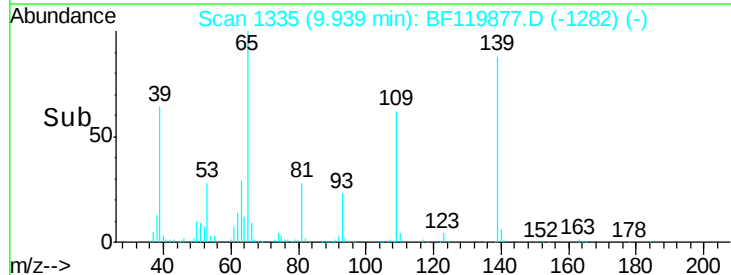
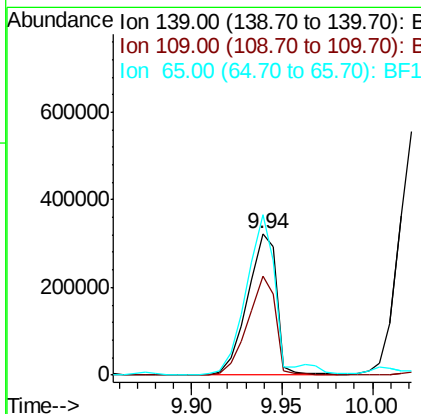
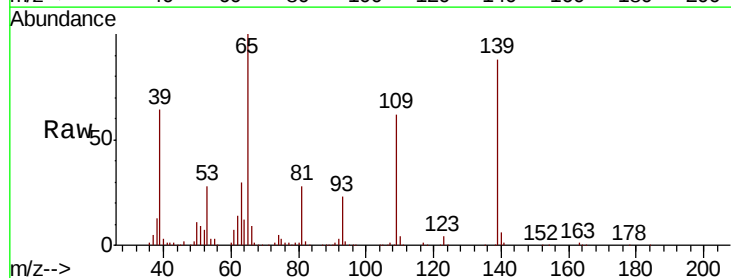
Instrument :  
BNA\_F  
ClientSampleId :  
CC-1MS

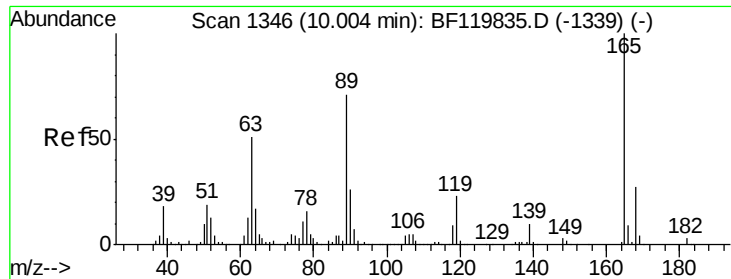
Tot Ion:168 Resp: 1227647  
Ion Ratio Lower Upper  
168 100  
139 38.1 29.8 44.6  
169 13.4 10.6 15.8



#56  
4-Nitrophenol  
Concen: 85.931 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. 0.01 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Tgt Ion:139 Resp: 363267  
Ion Ratio Lower Upper  
139 100  
109 69.9 45.5 85.5  
65 113.0 92.3 132.3

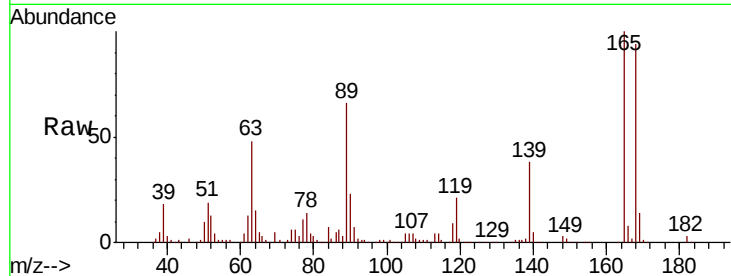




#57  
2,4-Dinitrotoluene  
Concen: 45.200 ng  
RT: 10.01 min Scan# 1347  
Delta R.T. 0.01 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Instrument :  
BNA\_F  
ClientSampled :  
CC-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 48.3  | 40.8  | 61.2  |
| 89      | 65.9  | 56.9  | 85.3  |
| 182     | 2.5   | 2.0   | 3.0   |



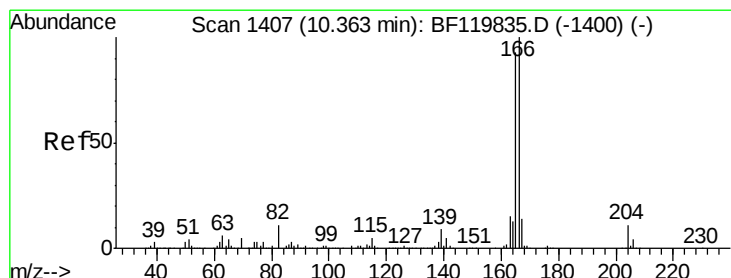
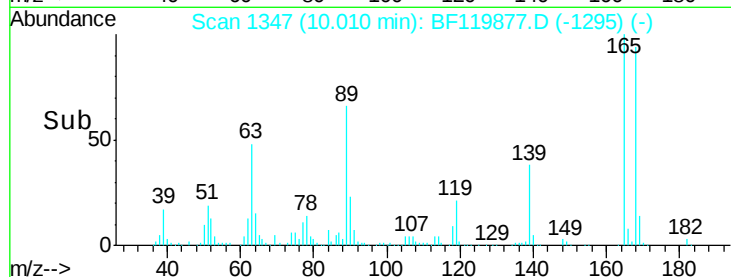
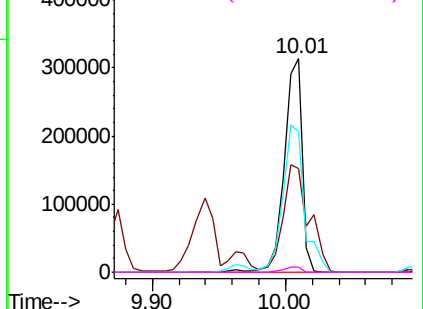
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

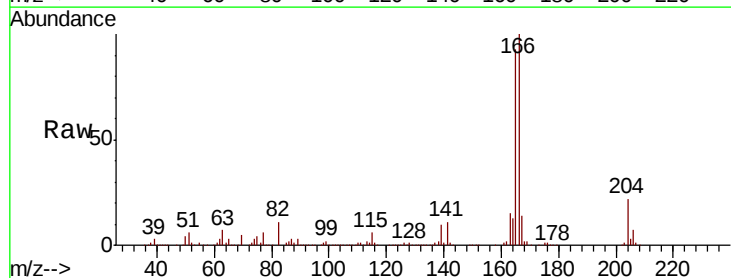
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 47.071 ng  
RT: 10.36 min Scan# 1407  
Delta R.T. 0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 93.2  | 74.2  | 111.2 |
| 167     | 14.0  | 10.8  | 16.2  |

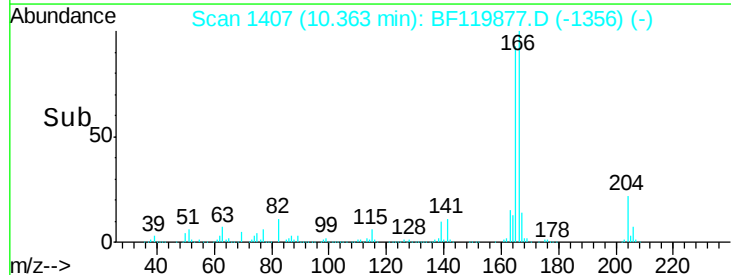
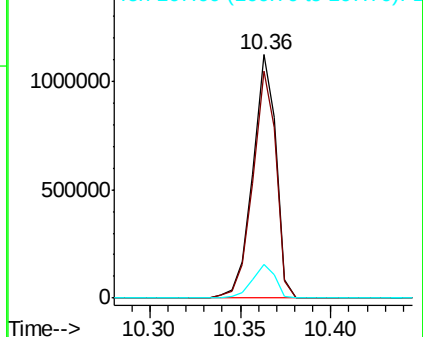


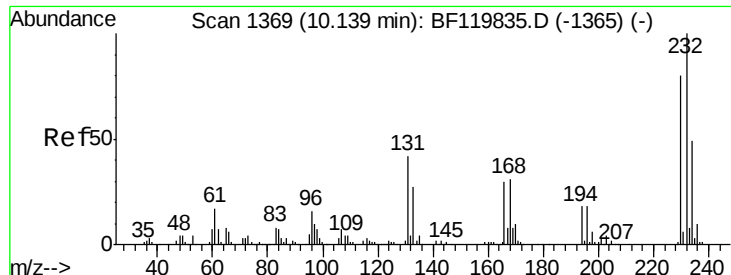
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.106 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

Tot Ion:232 Resp: 243379

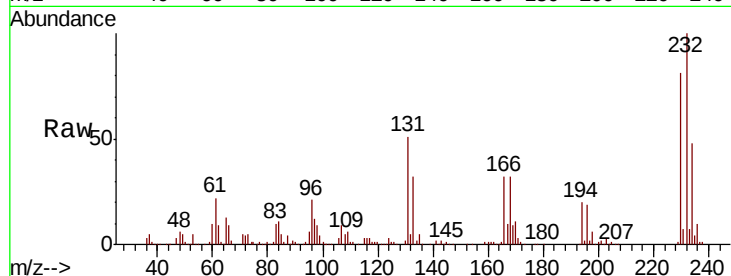
Ion Ratio Lower Upper

232 100

131 47.2 37.9 56.9

130 2.2 1.8 2.6

166 32.0 25.4 38.0

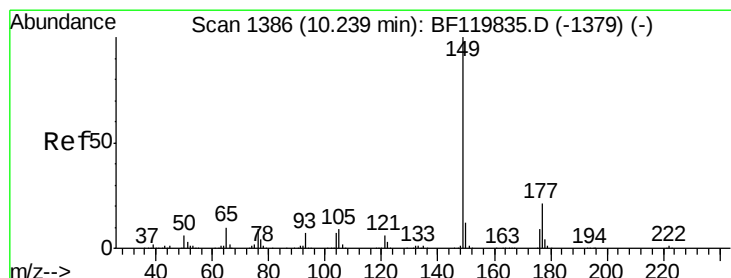
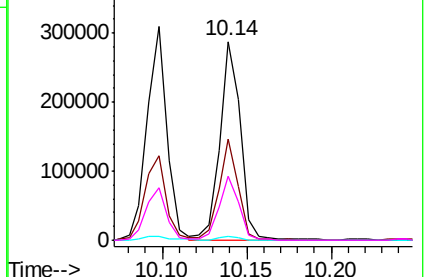
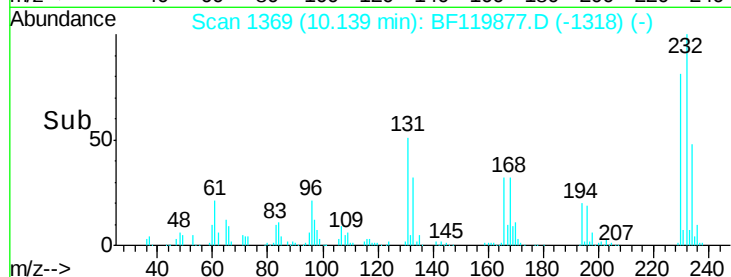


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 45.765 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

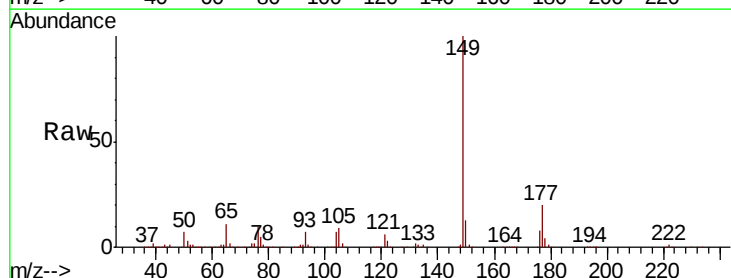
Tgt Ion:149 Resp: 1077541

Ion Ratio Lower Upper

149 100

177 20.4 16.8 25.2

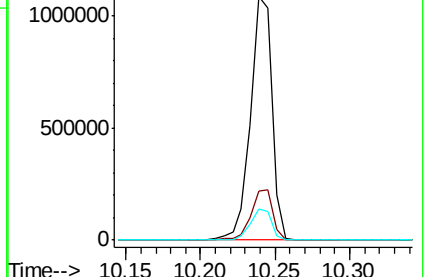
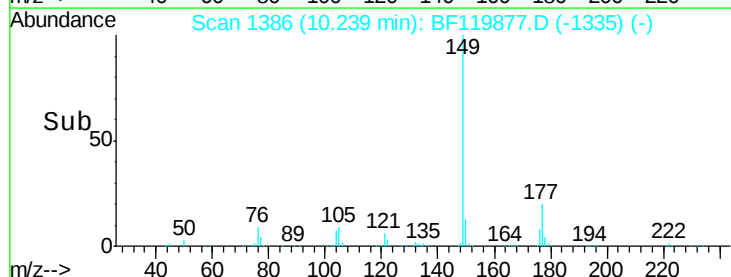
150 12.6 9.8 14.6

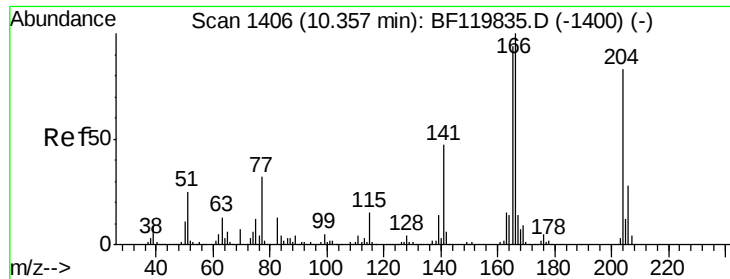


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

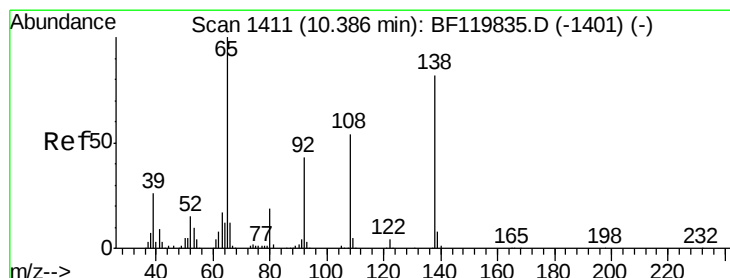
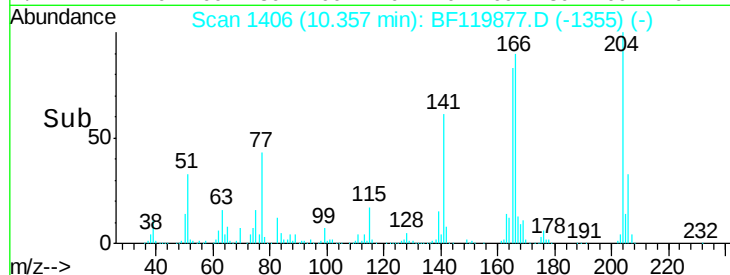
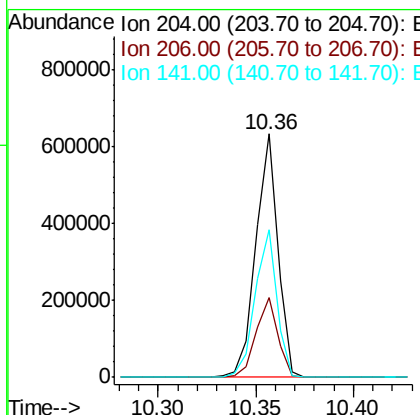
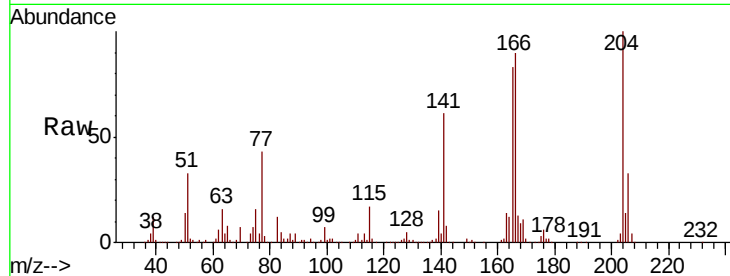




#61  
4-Chlorophenyl-phenylether  
Concen: 45.589 ng  
RT: 10.36 min Scan# 1406  
Delta R.T. 0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

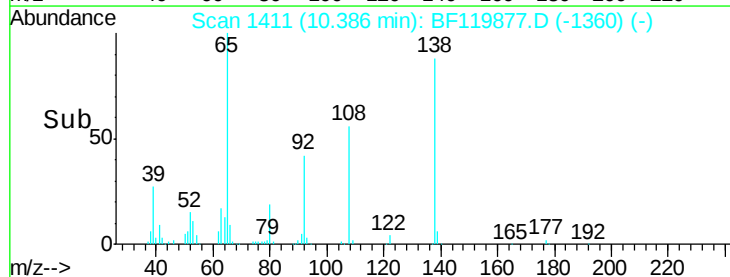
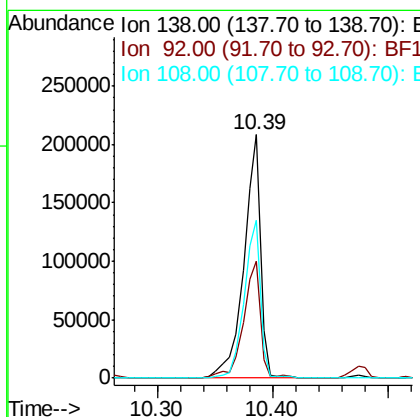
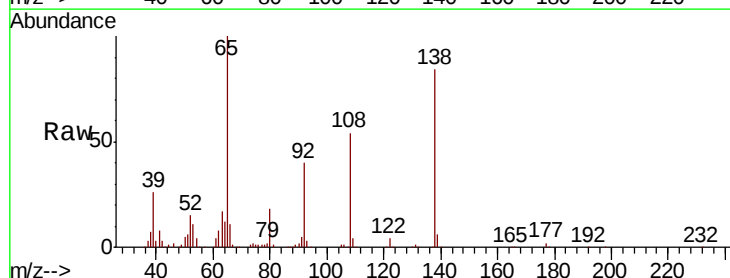
Instrument :  
BNA\_F  
ClientSampleId :  
CC-1MS

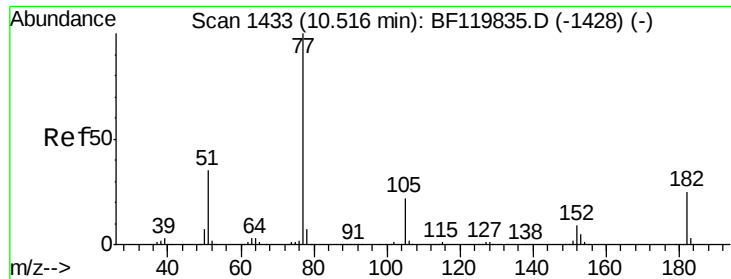
Tot Ion:204 Resp: 496800  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.7 40.1  
141 60.6 45.8 68.8



#62  
4-Nitroaniline  
Concen: 38.405 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Tgt Ion:138 Resp: 207948  
Ion Ratio Lower Upper  
138 100  
92 47.9 31.6 71.6  
108 64.7 45.2 85.2

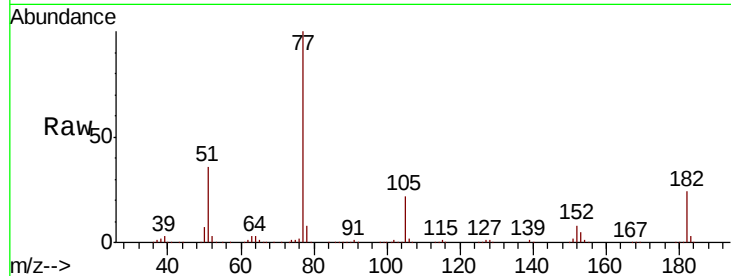




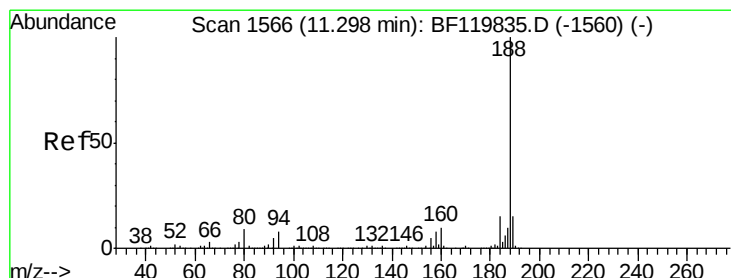
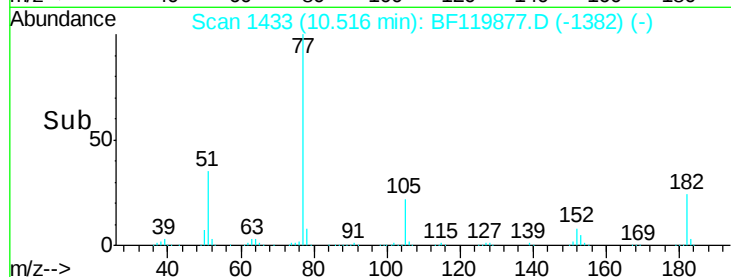
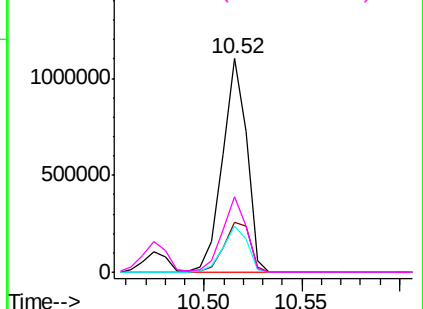
#63  
Azobenzene  
Concen: 44.892 ng  
RT: 10.52 min Scan# 1433  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Instrument :  
BNA\_F  
ClientSampleId :  
CC-1MS

Tot Ion: 77 Resp: 947250  
Ion Ratio Lower Upper  
77 100  
182 23.5 4.5 44.5  
105 21.9 2.2 42.2  
51 35.6 15.1 55.1

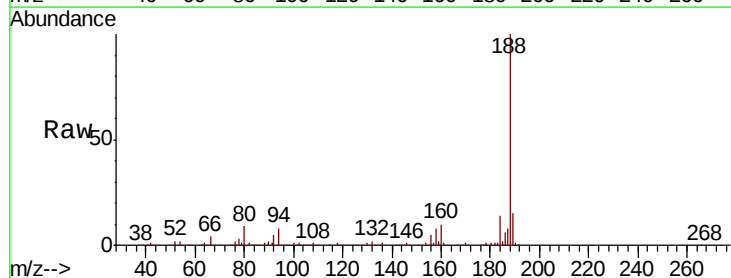


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): BF1  
Ion 105.00 (104.70 to 105.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1

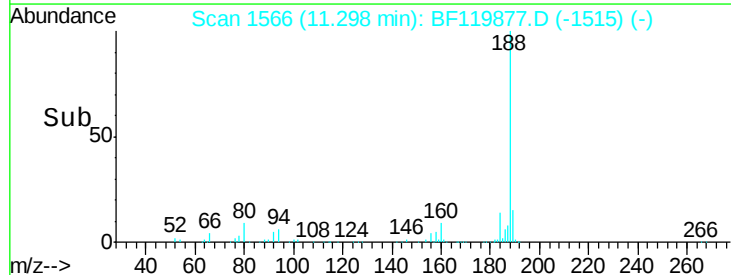
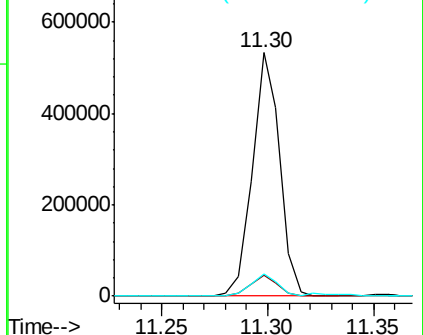


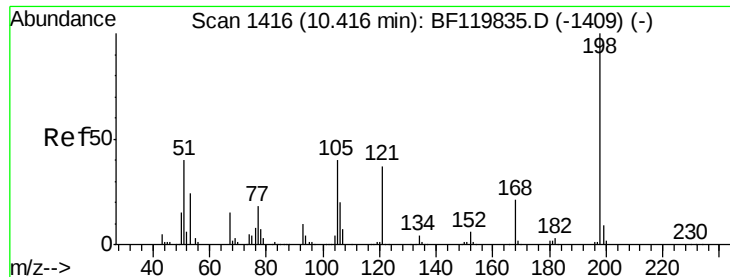
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.30 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Tgt Ion: 188 Resp: 477488  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.7 10.1  
80 9.3 7.4 11.2



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

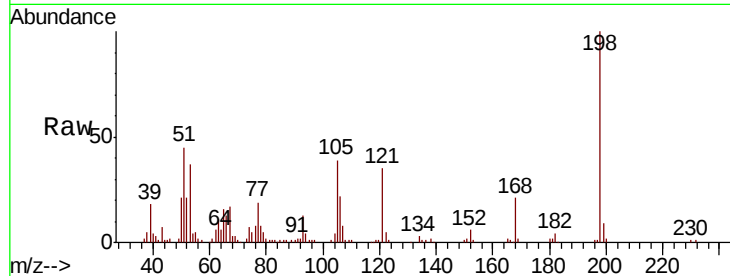




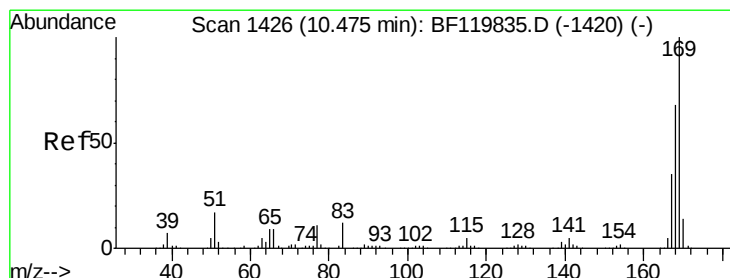
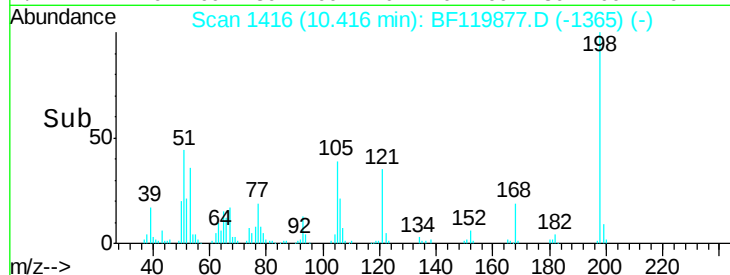
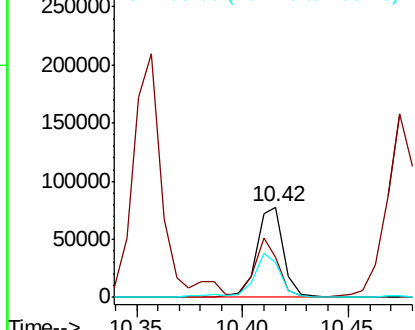
#65  
4,6-Dinitro-2-methylphenol  
Concen: 21.878 ng  
RT: 10.42 min Scan# 1416  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Instrument :  
BNA\_F  
ClientSampled :  
CC-IMS

Tot Ion:198 Resp: 68823  
Ion Ratio Lower Upper  
198 100  
51 44.9 25.2 65.2  
105 38.9 20.8 60.8

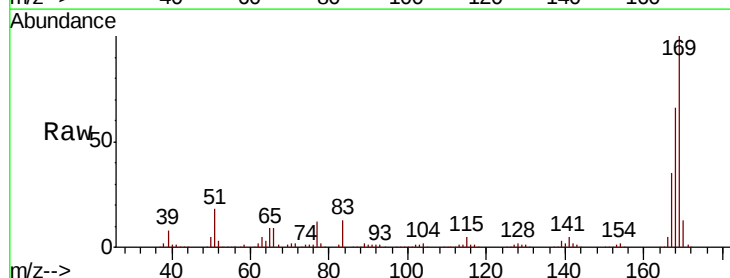


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

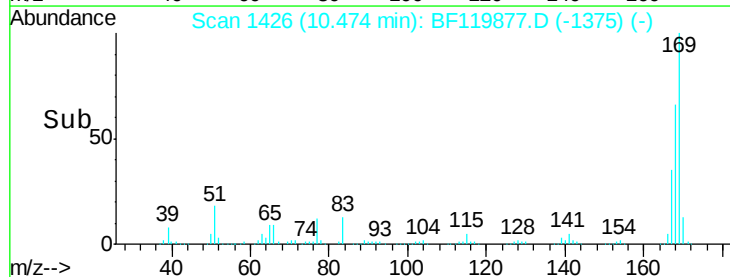
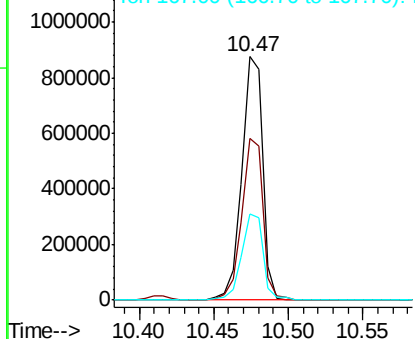


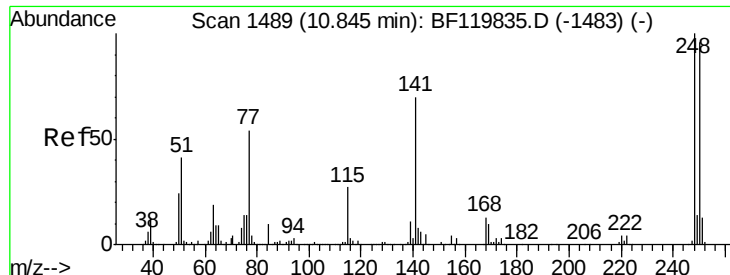
#66  
n-Nitrosodiphenylamine  
Concen: 53.440 ng  
RT: 10.47 min Scan# 1426  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Tgt Ion:169 Resp: 848617  
Ion Ratio Lower Upper  
169 100  
168 66.5 54.2 81.4  
167 35.4 28.3 42.5



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

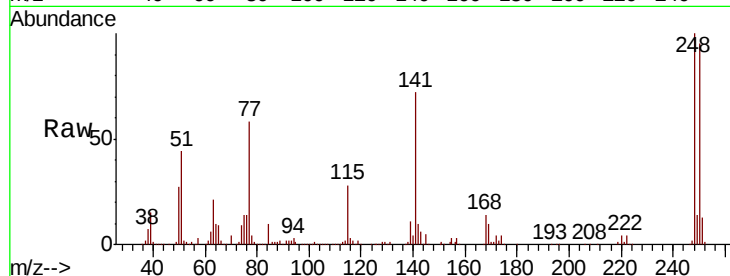




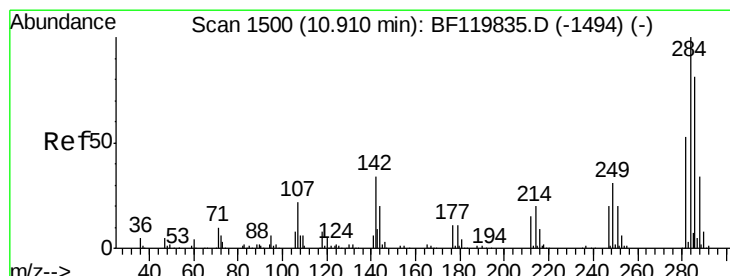
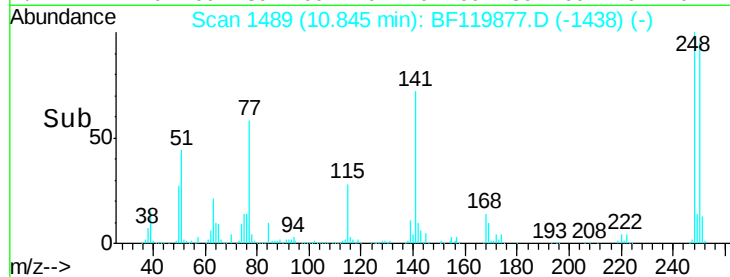
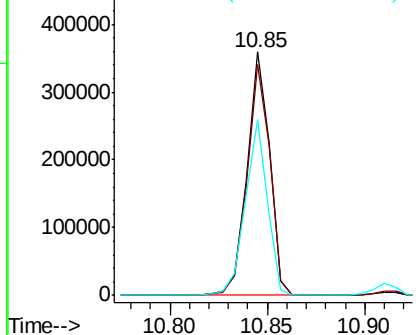
#67  
 4-Bromophenyl-phenylether  
 Concen: 48.249 ng  
 RT: 10.85 min Scan# 1489  
 Delta R.T. -0.00 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CC-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.6  | 76.6  | 114.8 |
| 141     | 72.1  | 55.9  | 83.9  |

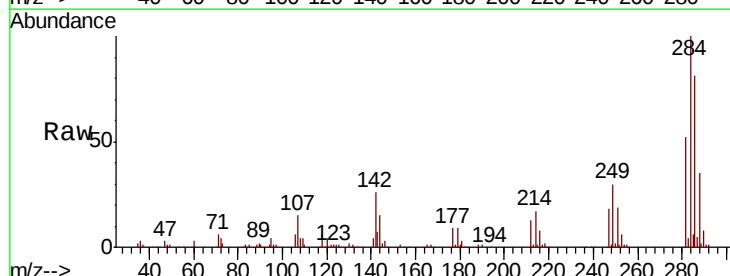


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

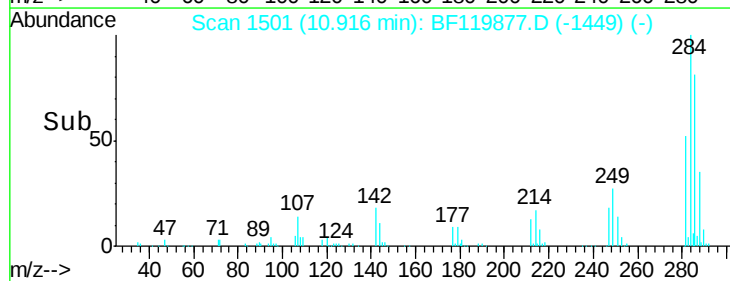
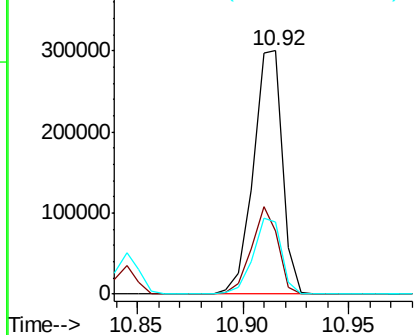


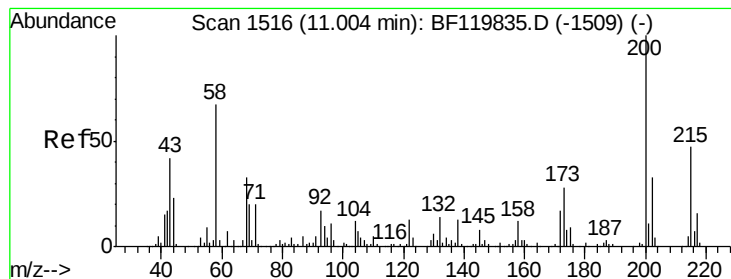
#68  
 Hexachlorobenzene  
 Concen: 47.951 ng  
 RT: 10.92 min Scan# 1501  
 Delta R.T. 0.01 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 25.7  | 26.9  | 40.3# |
| 249     | 29.7  | 24.6  | 37.0  |



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





#69

Atrazine

Concen: 53.666 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-IMS

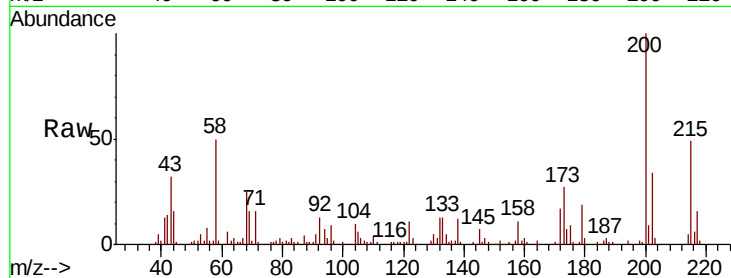
Tot Ion:200 Resp: 237113

Ion Ratio Lower Upper

200 100

173 27.4 8.0 48.0

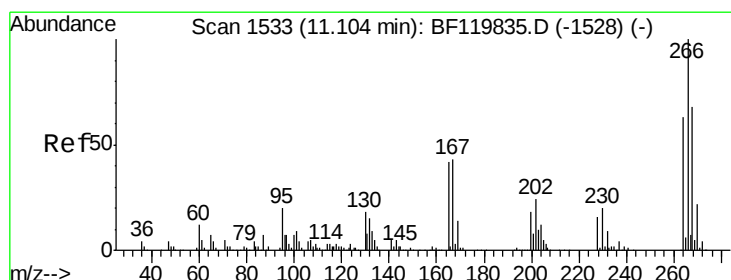
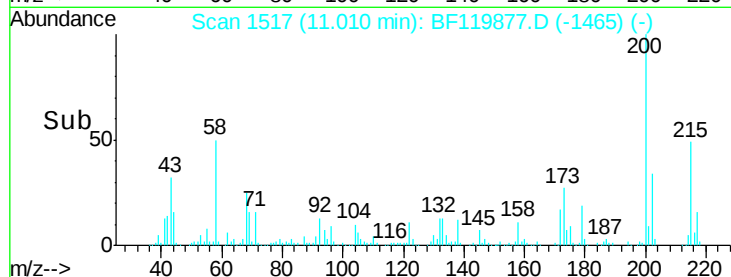
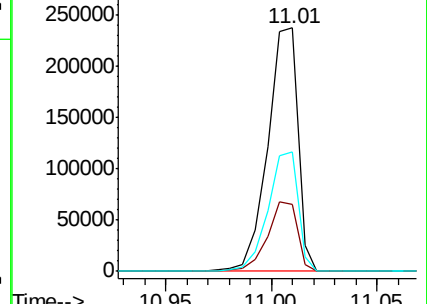
215 48.9 27.1 67.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 85.642 ng

RT: 11.11 min Scan# 1534

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

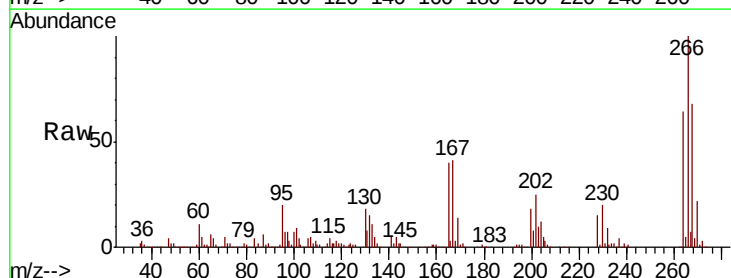
Tgt Ion:266 Resp: 297301

Ion Ratio Lower Upper

266 100

268 68.2 54.2 81.4

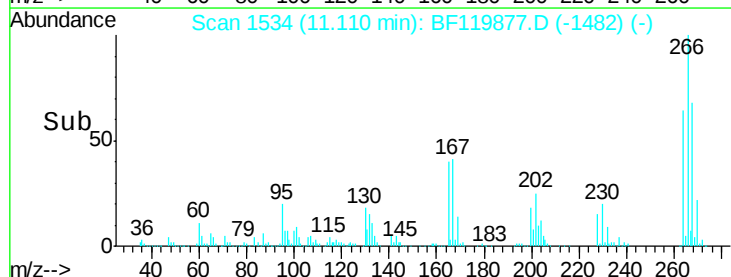
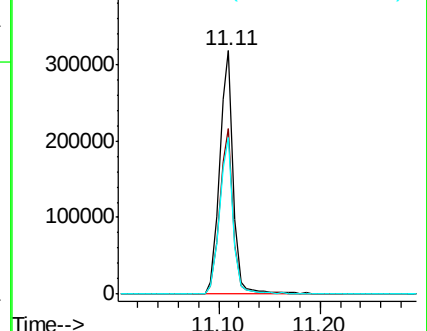
264 64.3 50.6 76.0

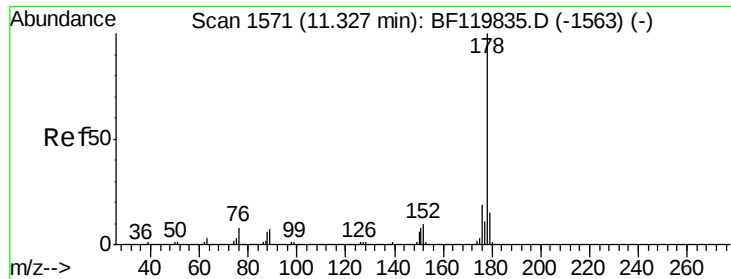


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.205 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

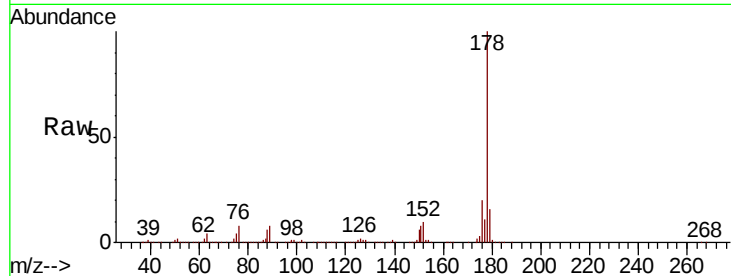
Tot Ion:178 Resp: 1199590

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

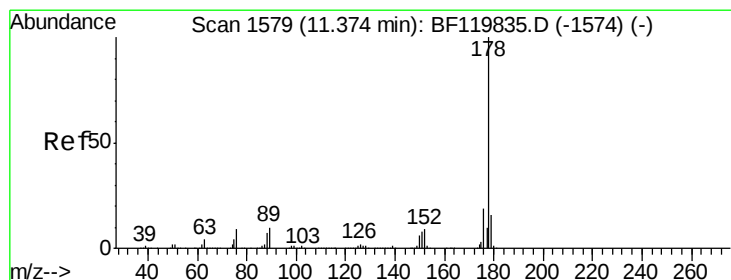
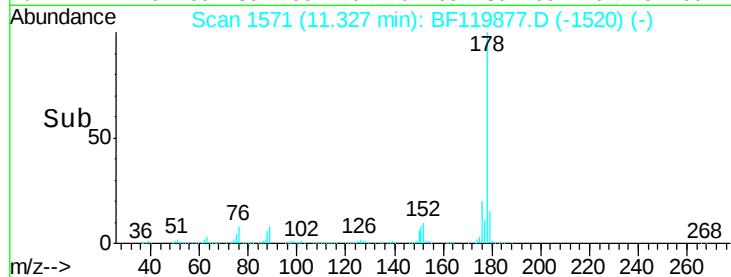
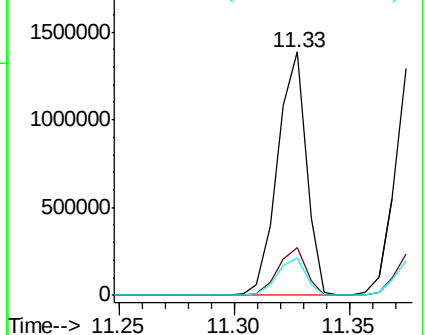
179 15.5 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.892 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

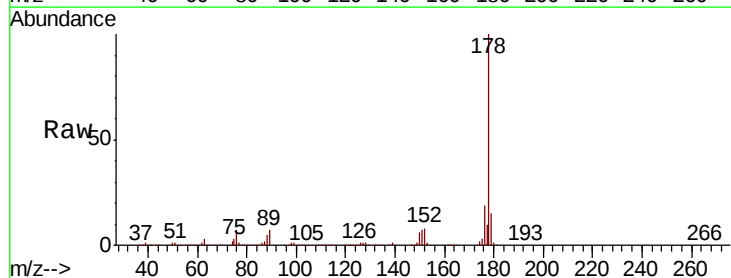
Tgt Ion:178 Resp: 1243278

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

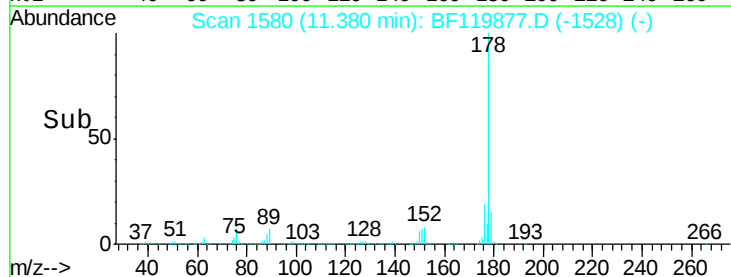
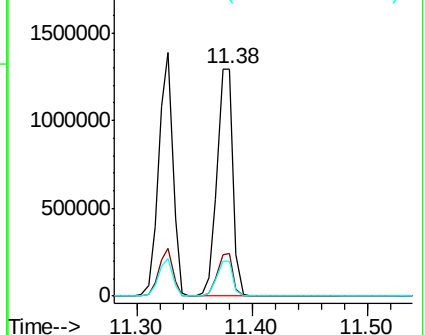
179 15.4 12.8 19.2

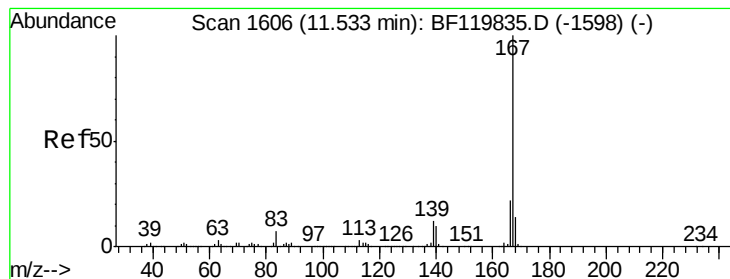


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 48.465 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

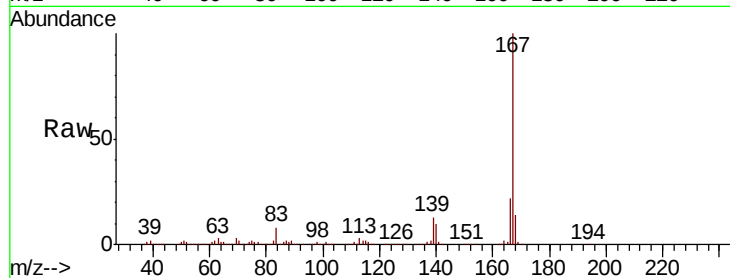
Tot Ion:167 Resp: 1189798

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

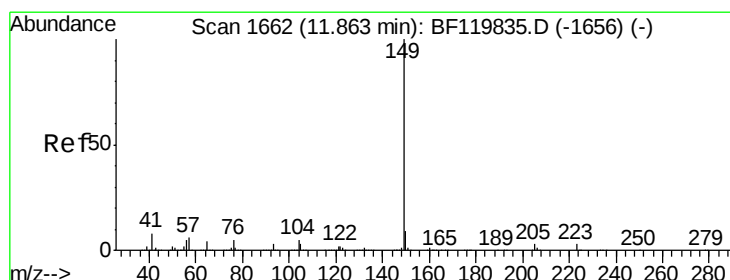
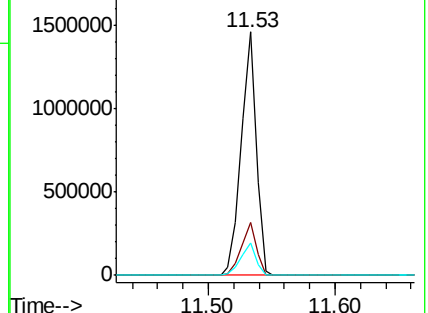
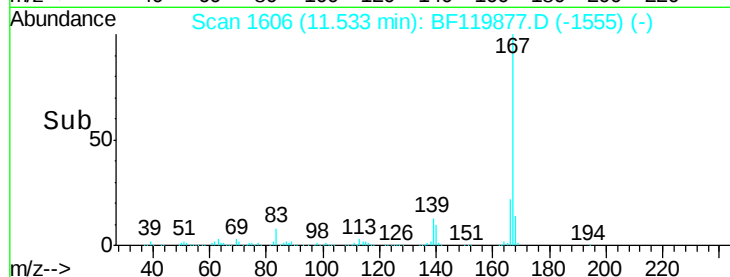
139 13.1 9.8 14.8



Abundance Ion 167.00 (166.70 to 167.70): E

2000000 Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.034 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

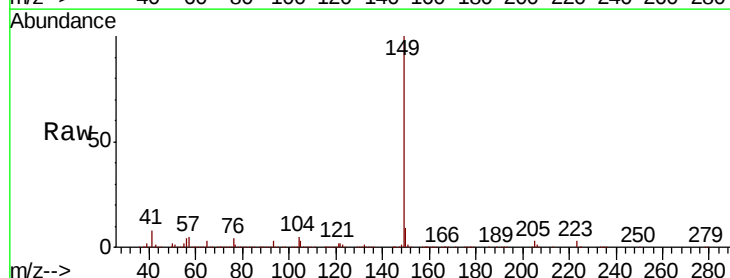
Tgt Ion:149 Resp: 1485675

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

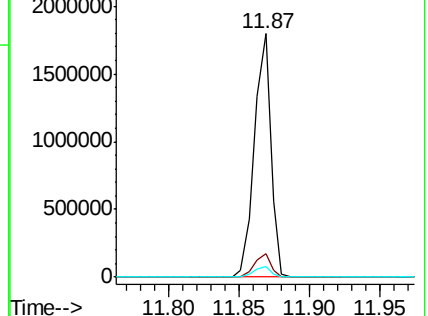
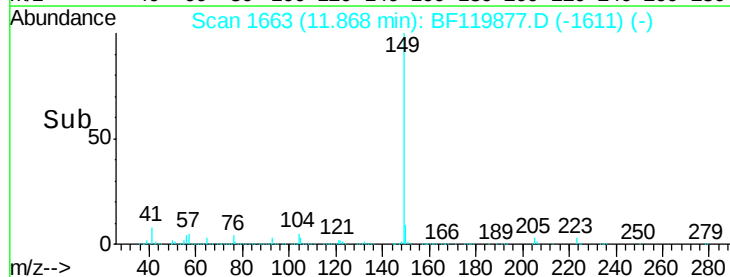
104 4.6 3.8 5.6

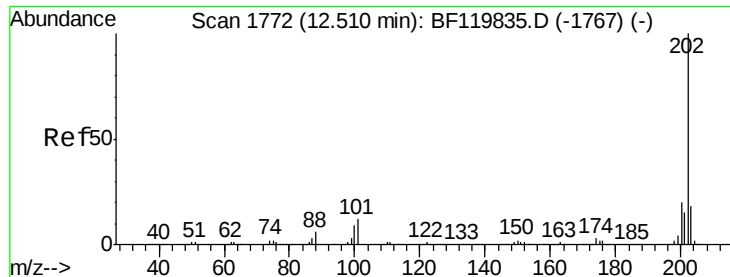


Abundance Ion 149.00 (148.70 to 149.70): E

2500000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

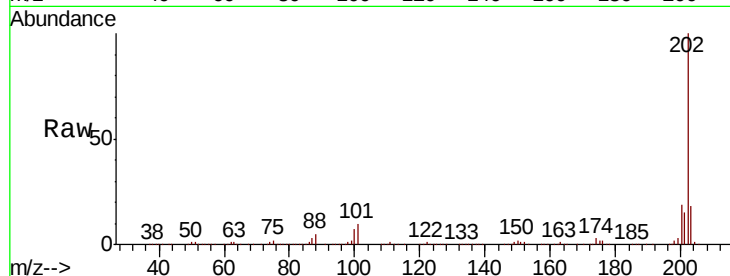




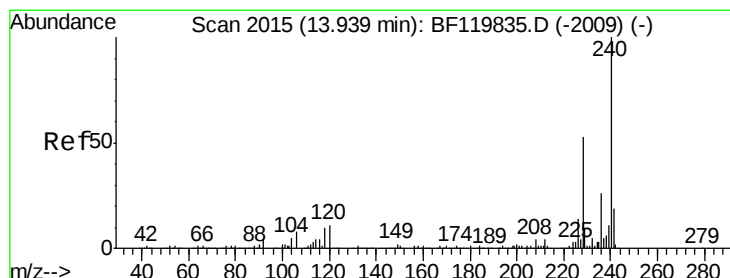
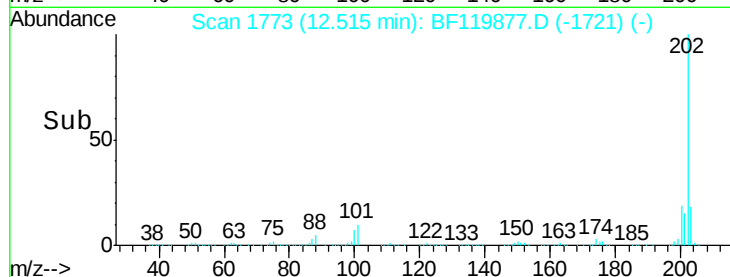
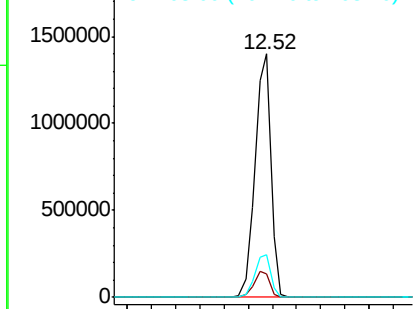
#75  
 Fluoranthene  
 Concen: 46.995 ng  
 RT: 12.52 min Scan# 1773  
 Delta R.T. 0.01 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CC-1MS

Tot Ion:202 Resp: 1288577  
 Ion Ratio Lower Upper  
 202 100  
 101 9.5 0.0 32.3  
 203 17.6 0.0 37.6

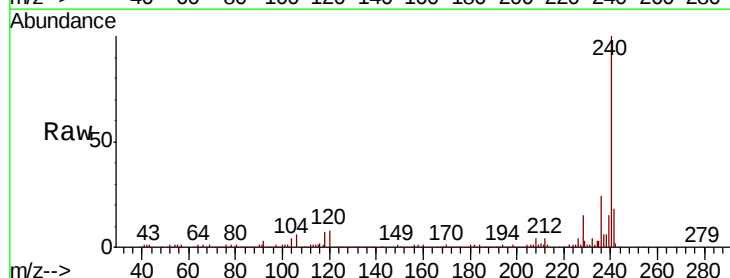


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

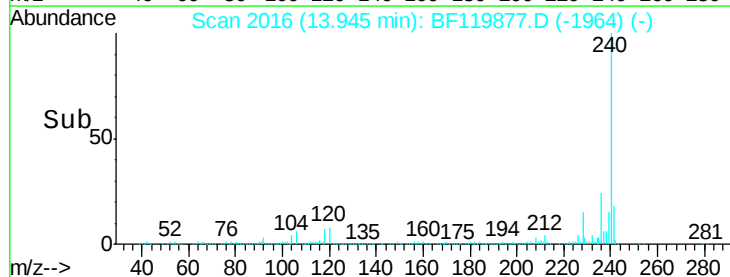
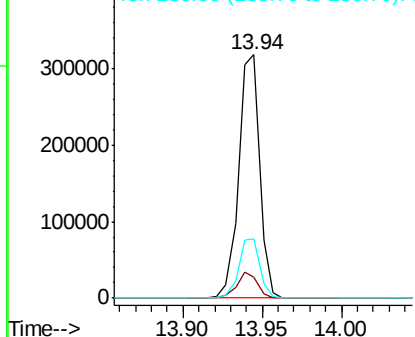


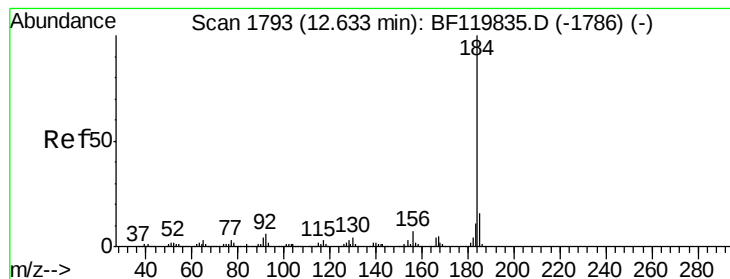
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.94 min Scan# 2016  
 Delta R.T. 0.01 min  
 Lab File: BF119877.D  
 Acq: 9 Apr 2020 18:45

Tgt Ion:240 Resp: 293006  
 Ion Ratio Lower Upper  
 240 100  
 120 8.4 9.0 13.6#  
 236 24.4 20.7 31.1



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





#77

Benzidine

Concen: 62.838 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

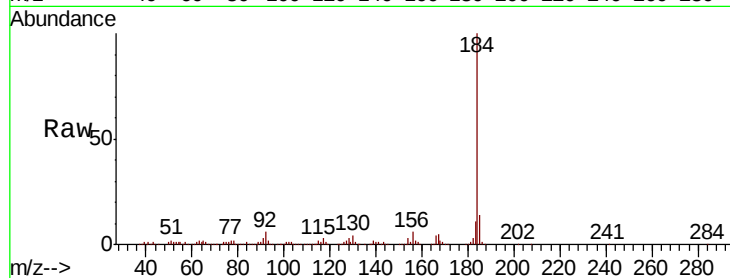
Tot Ion:184 Resp: 622372

Ion Ratio Lower Upper

184 100

185 13.9 13.2 19.8

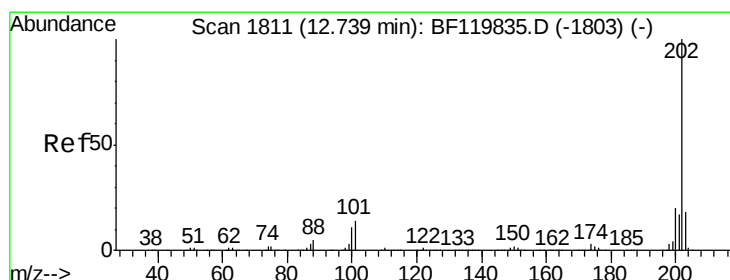
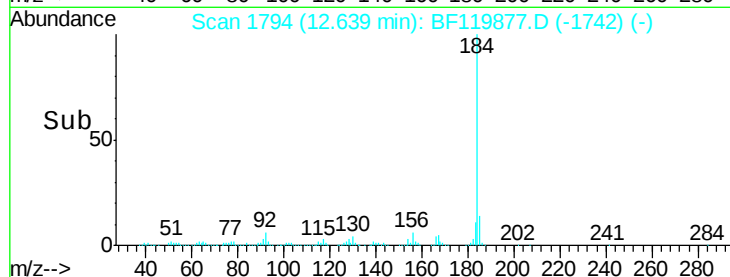
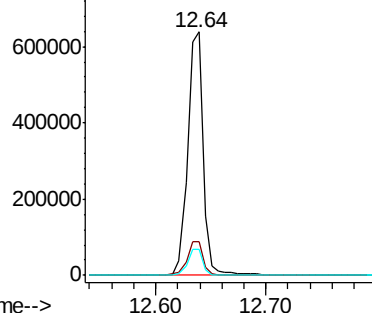
183 10.7 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.920 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

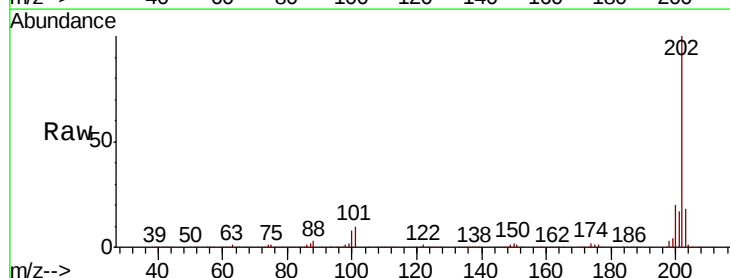
Tgt Ion:202 Resp: 1109570

Ion Ratio Lower Upper

202 100

200 19.9 16.2 24.2

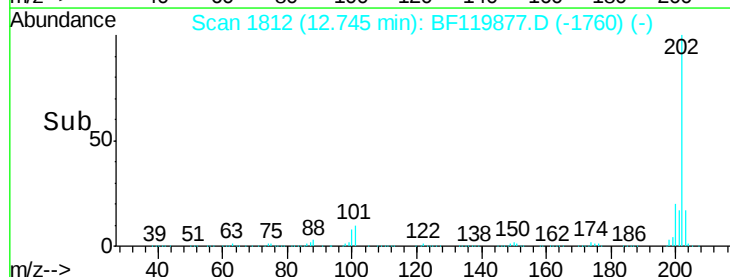
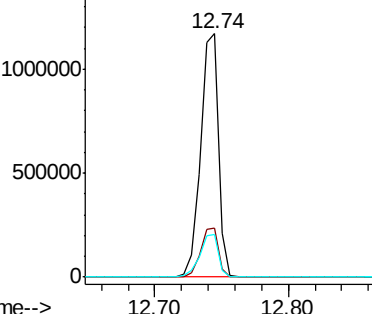
203 17.5 14.1 21.1

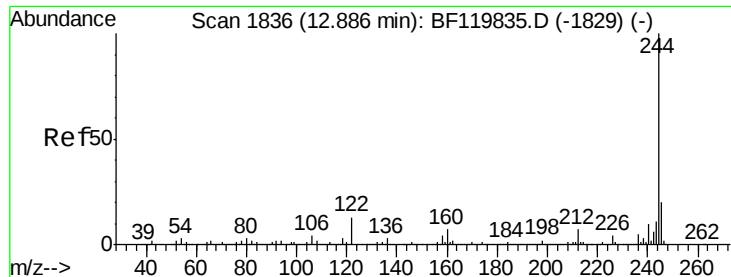


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.053 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

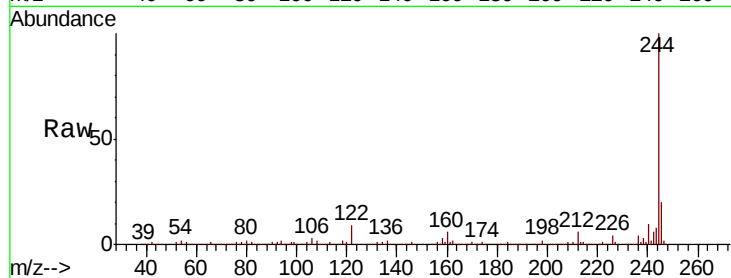
Tot Ion:244 Resp: 1672602

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

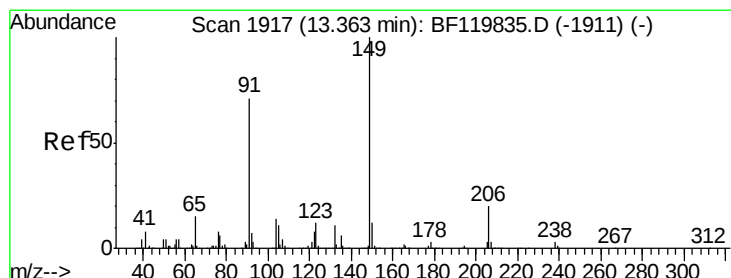
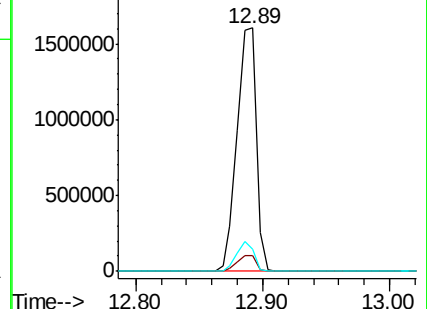
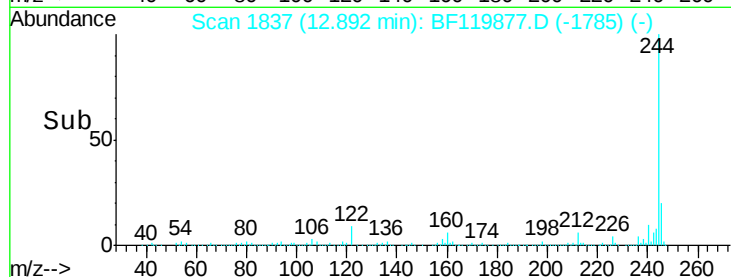
122 9.1 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.262 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

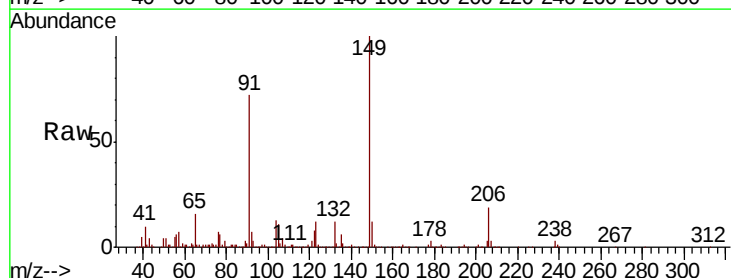
Tgt Ion:149 Resp: 530509

Ion Ratio Lower Upper

149 100

91 72.3 56.7 85.1

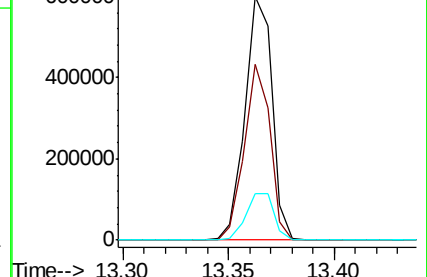
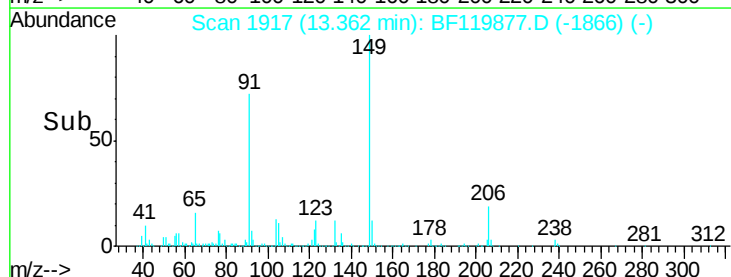
206 19.0 15.7 23.5

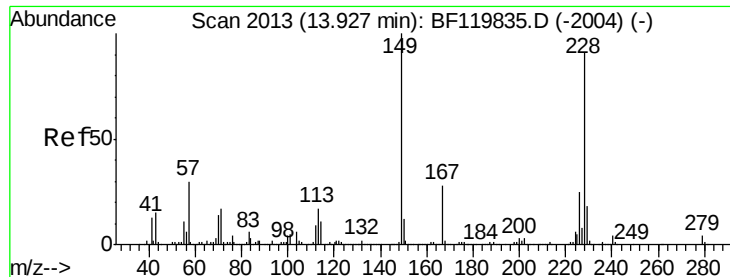


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.014 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampleId :

CC-1MS

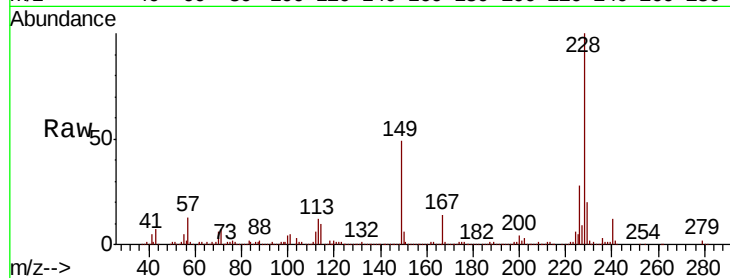
Tot Ion:228 Resp: 906234

Ion Ratio Lower Upper

228 100

226 27.8 21.9 32.9

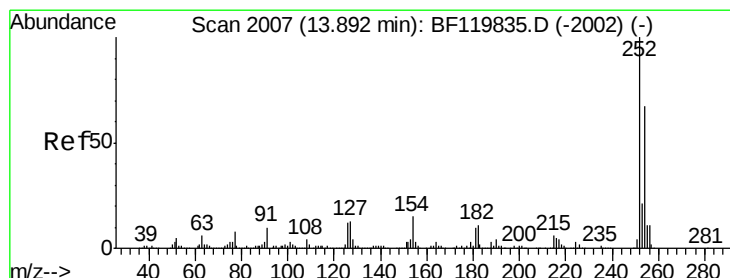
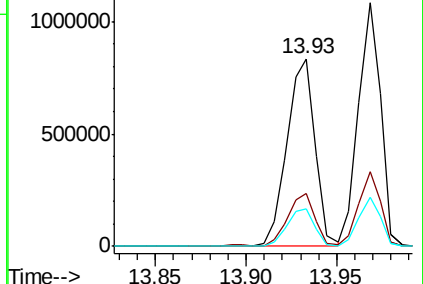
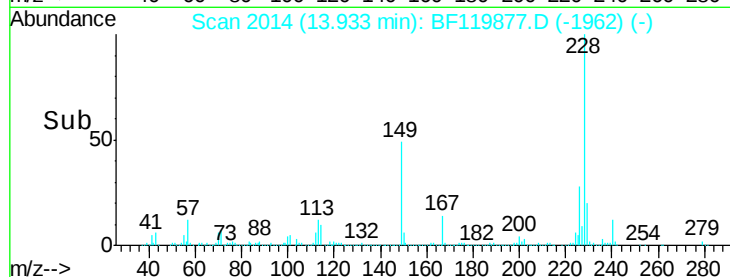
229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 48.694 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

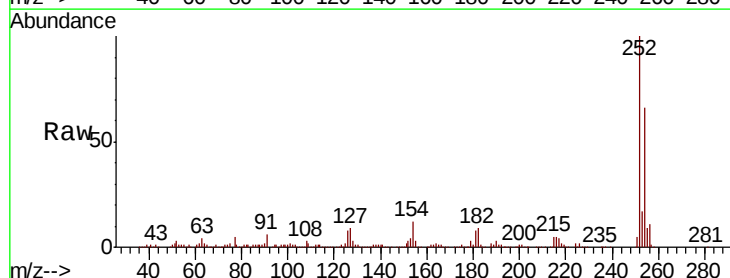
Tgt Ion:252 Resp: 350220

Ion Ratio Lower Upper

252 100

254 65.7 53.9 80.9

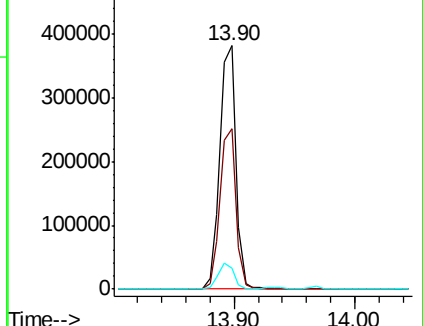
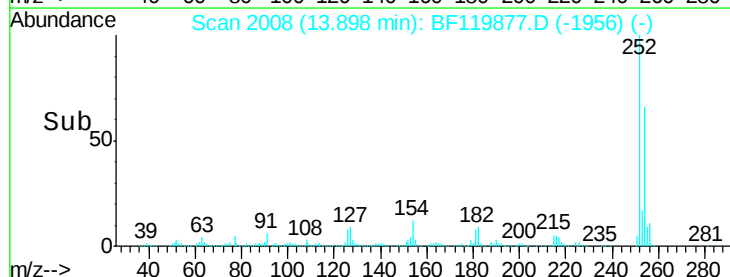
126 8.4 9.7 14.5#

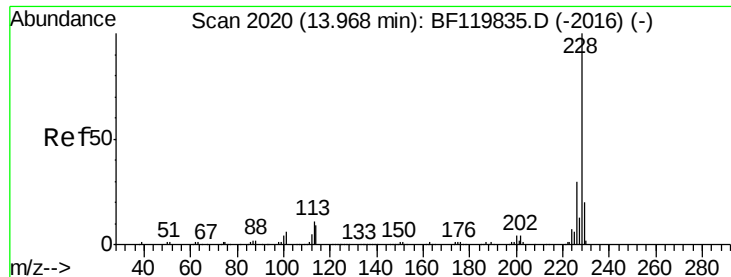


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.393 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

Instrument :

BNA\_F

ClientSampled :

CC-1MS

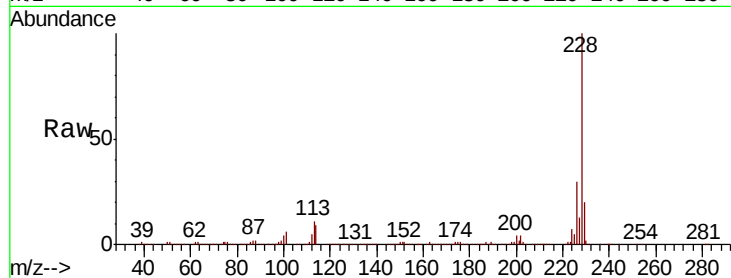
Tot Ion:228 Resp: 928235

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.2

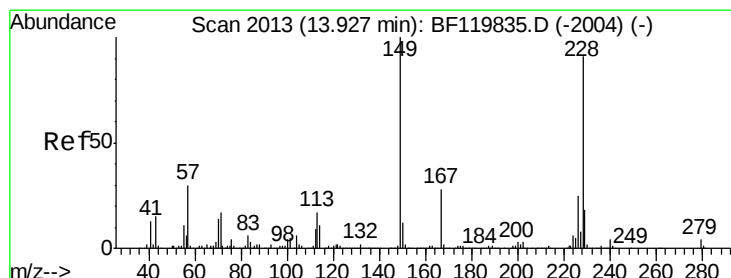
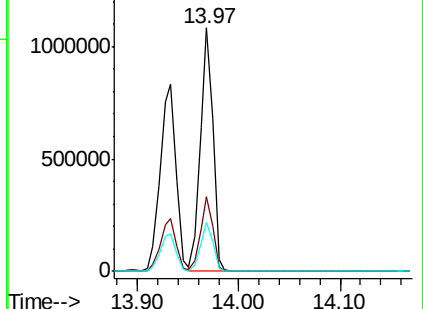
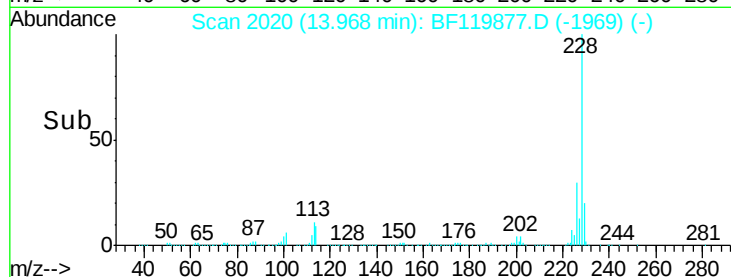
229 20.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.146 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF119877.D

Acq: 9 Apr 2020 18:45

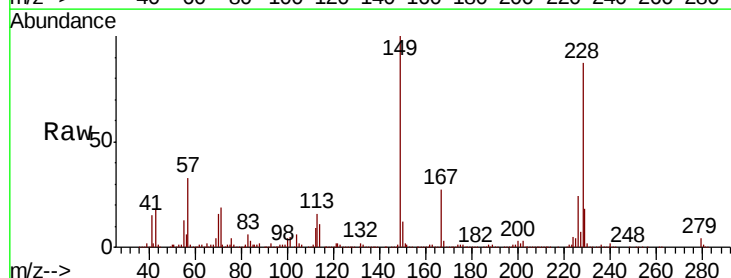
Tgt Ion:149 Resp: 732768

Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.2

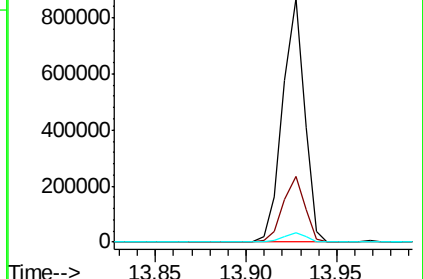
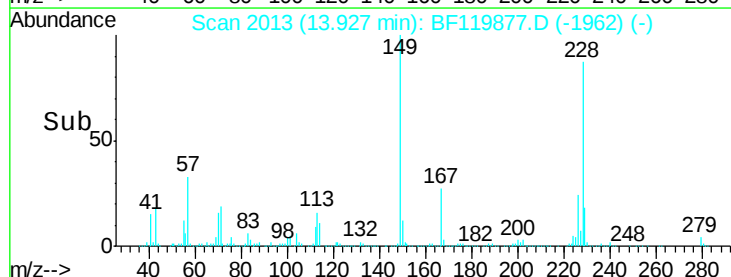
279 3.8 3.4 5.0

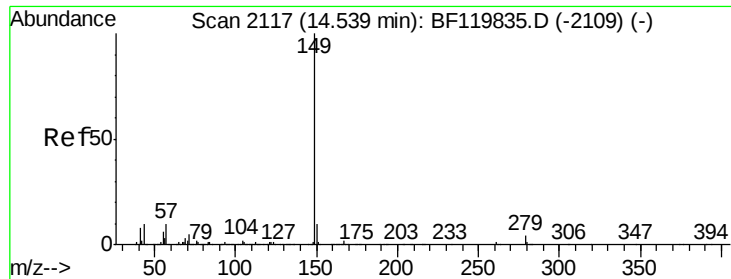


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

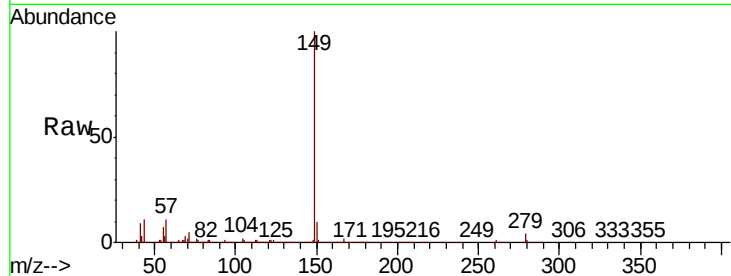




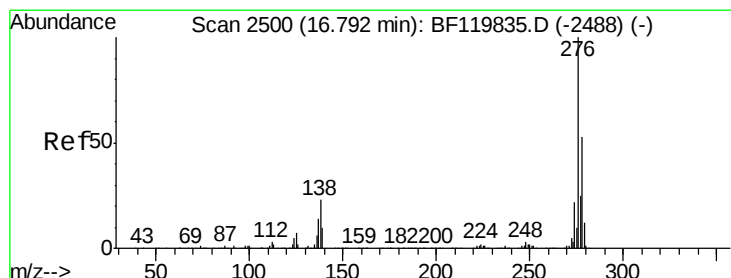
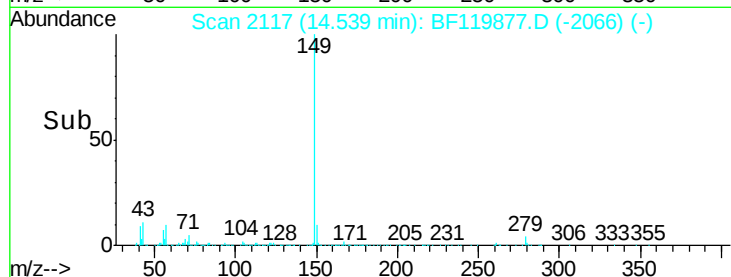
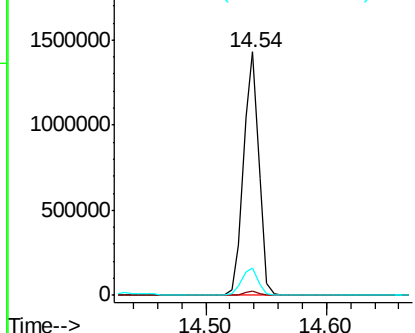
#85  
Di-n-octyl phthalate  
Concen: 45.707 ng  
RT: 14.54 min Scan# 2117  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Instrument :  
BNA\_F  
ClientSampleId :  
CC-1MS

Tot Ion:149 Resp: 1263170  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 11.6 9.2 13.8

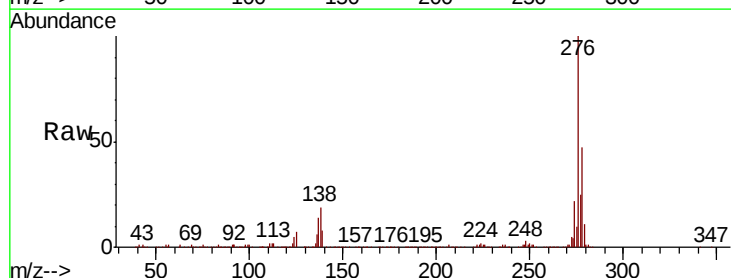


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

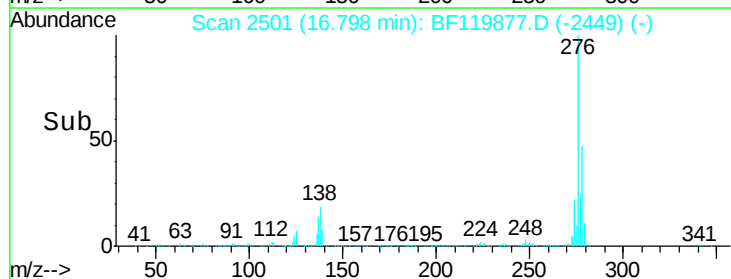
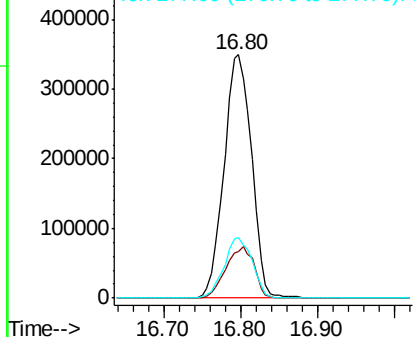


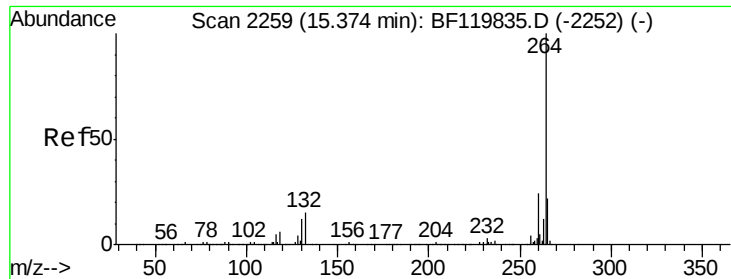
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 50.453 ng  
RT: 16.80 min Scan# 2501  
Delta R.T. 0.01 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Tgt Ion:276 Resp: 871057  
Ion Ratio Lower Upper  
276 100  
138 21.8 18.0 27.0  
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



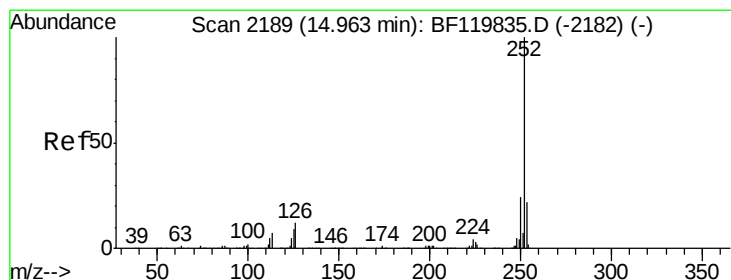
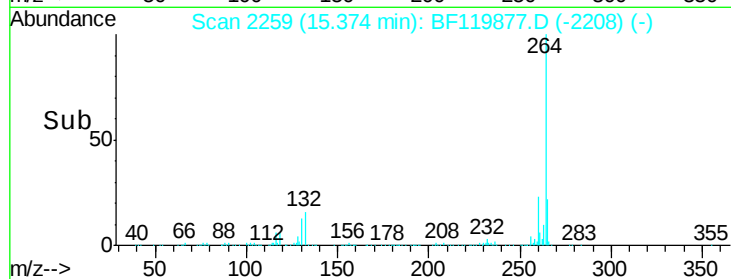
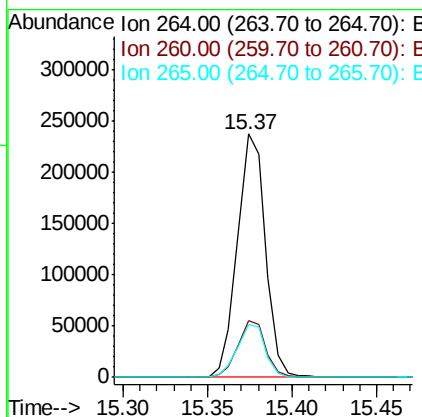
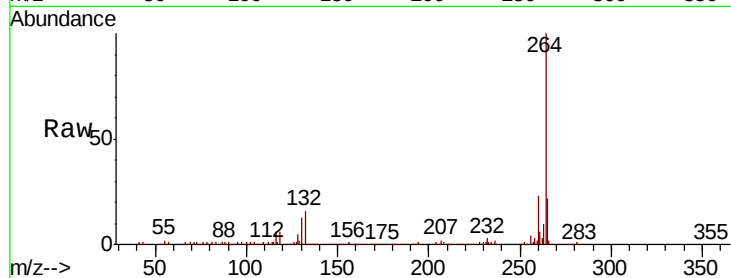


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.37 min Scan# 2259  
Delta R.T. -0.00 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Instrument :  
BNA\_F  
ClientSampleId :  
CC-1MS

Tot Ion:264 Resp: 276469  

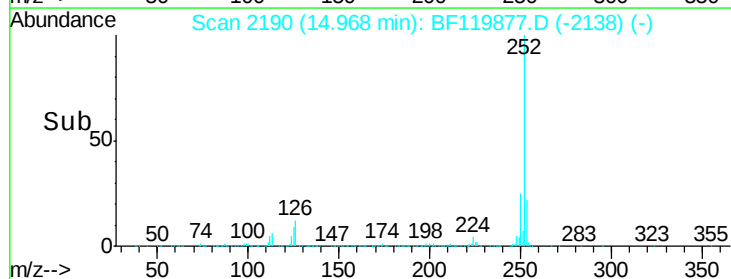
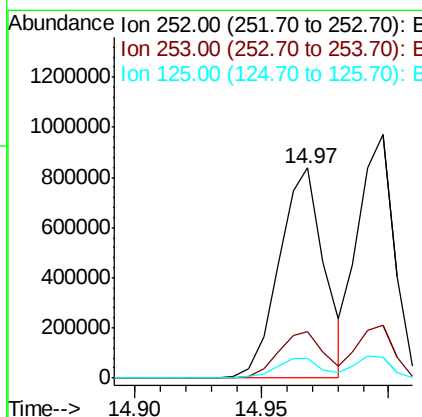
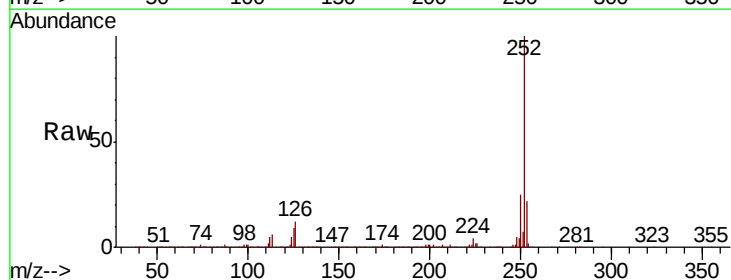
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 19.3  | 28.9  |
| 265 | 21.8  | 17.6  | 26.4  |

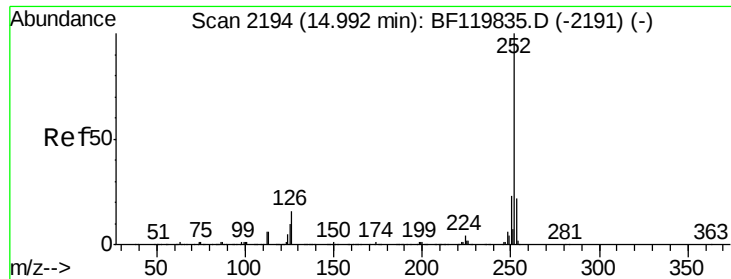


#88  
Benzo(b)fluoranthene  
Concen: 52.116 ng  
RT: 14.97 min Scan# 2190  
Delta R.T. 0.01 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Tgt Ion:252 Resp: 1036520  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 17.7  | 26.5  |
| 125 | 9.1   | 7.4   | 11.2  |

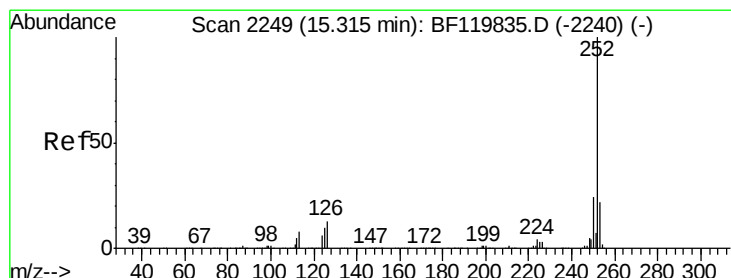
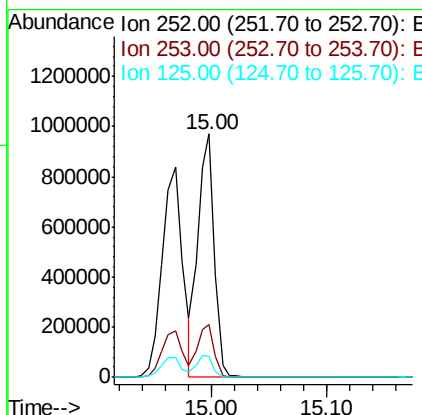
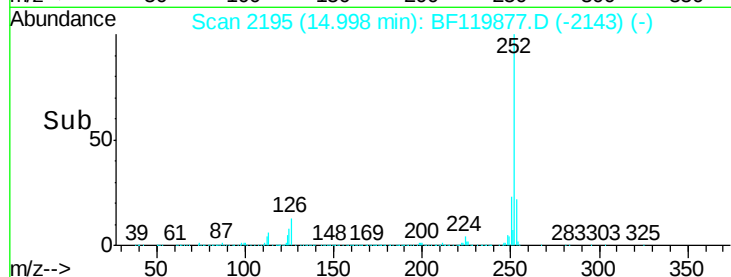
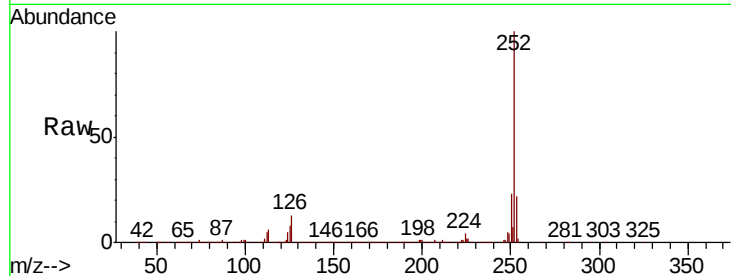




#89  
Benzo(k)fluoranthene  
Concen: 56.384 ng  
RT: 15.00 min Scan# 2195  
Delta R.T. 0.01 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

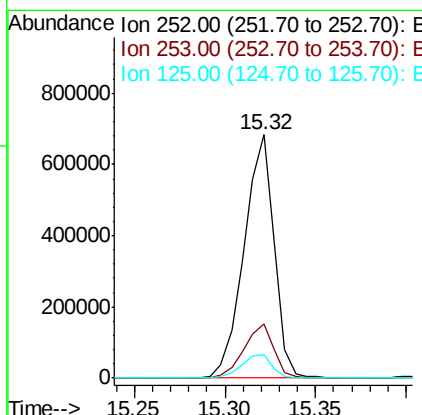
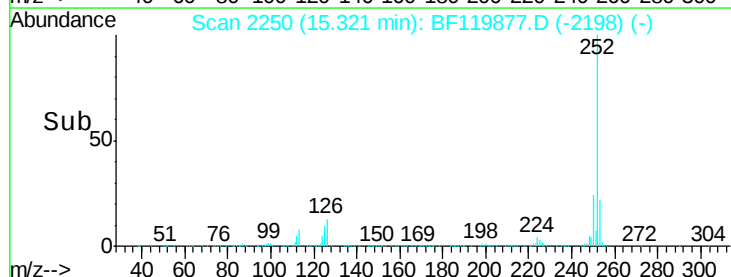
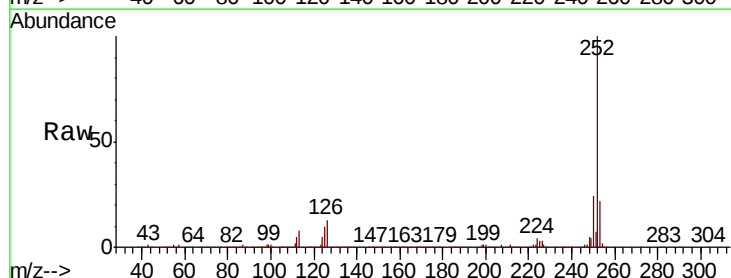
Instrument :  
BNA\_F  
ClientSampleId :  
CC-1MS

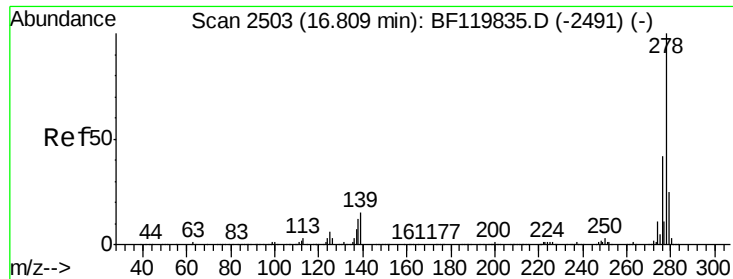
Tot Ion:252 Resp: 967565  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.8 26.8  
125 8.4 7.7 11.5



#90  
Benzo(a)pyrene  
Concen: 46.999 ng  
RT: 15.32 min Scan# 2250  
Delta R.T. 0.01 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Tgt Ion:252 Resp: 785935  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.2  
125 9.7 8.3 12.5

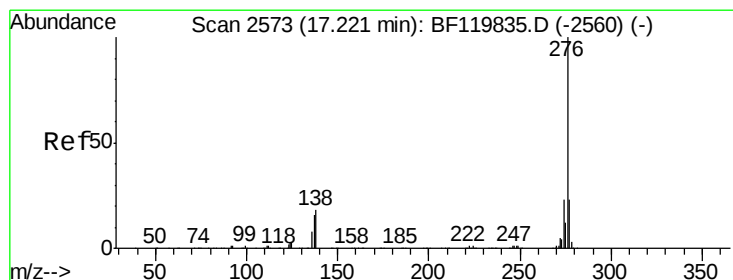
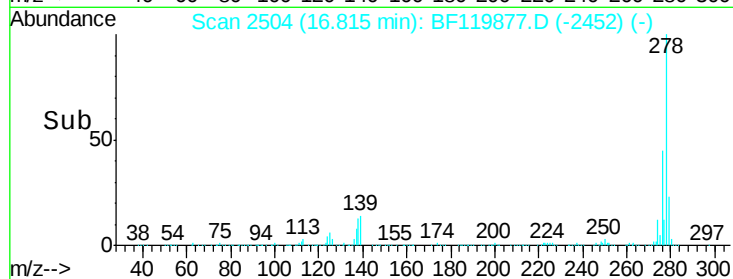
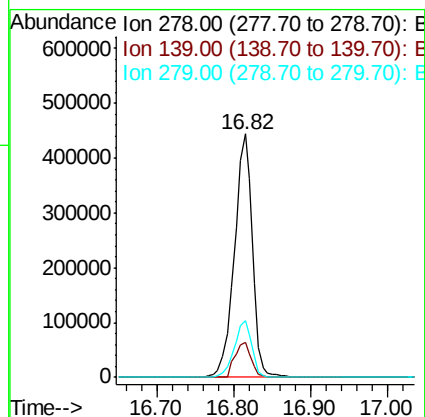
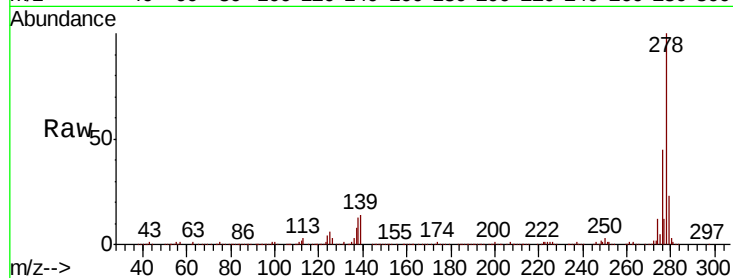




#91  
Dibenzo(a,h)anthracene  
Concen: 49.061 ng  
RT: 16.82 min Scan# 2504  
Delta R.T. 0.01 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Instrument :  
BNA\_F  
ClientSampleId :  
CC-1MS

Tot Ion:278 Resp: 726717  
Ion Ratio Lower Upper  
278 100  
139 14.4 11.6 17.4  
279 23.2 19.7 29.5



#92  
Benzo(g,h,i)perylene  
Concen: 45.144 ng  
RT: 17.23 min Scan# 2574  
Delta R.T. 0.01 min  
Lab File: BF119877.D  
Acq: 9 Apr 2020 18:45

Tgt Ion:276 Resp: 660064  
Ion Ratio Lower Upper  
276 100  
277 24.2 18.5 27.7  
138 18.5 14.6 22.0

