

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\  
 Data File : BF119135.D  
 Acq On : 28 Feb 2020 17:09  
 Operator : CG/JU  
 Sample : L1719-01MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MP-1-COMPMS

Quant Time: Mar 02 03:02:30 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 26 16:03:05 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.73  | 152  | 117897   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.02  | 136  | 441149   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 9.77  | 164  | 253420   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 11.25 | 188  | 481395   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 13.89 | 240  | 384292   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.31 | 264  | 397893   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.36  | 112 | 928380  | 131.60 | ng | 0.00  |
| 7) Phenol-d6             | 6.39  | 99  | 1113785 | 129.81 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 7.30  | 82  | 743925  | 89.04  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.56 | 330 | 419447  | 126.52 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 9.09  | 172 | 1379564 | 80.20  | ng | -0.02 |
| 79) Terphenyl-d14        | 12.83 | 244 | 1705290 | 76.40  | ng | -0.02 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.44 | 88  | 129601  | 41.261 | ng | 98     |
| 3) Pyridine                    | 3.18 | 79  | 327186  | 38.142 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.11 | 42  | 130409  | 50.185 | ng | 100    |
| 6) Aniline                     | 6.40 | 93  | 329287  | 31.103 | ng | 89     |
| 8) 2-Chlorophenol              | 6.52 | 128 | 401547  | 52.742 | ng | 100    |
| 9) Benzaldehyde                | 6.28 | 77  | 158442  | 27.640 | ng | 99     |
| 10) Phenol                     | 6.40 | 94  | 456748  | 49.238 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 6.47 | 93  | 355864  | 50.138 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.67 | 146 | 428836  | 46.995 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.75 | 146 | 440339  | 48.223 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.90 | 146 | 407329  | 48.912 | ng | 99     |
| 15) Benzyl Alcohol             | 6.88 | 79  | 328483  | 52.973 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45  | 285243  | 46.393 | ng | 97     |
| 17) 2-Methylphenol             | 7.00 | 107 | 315996  | 51.193 | ng | 98     |
| 18) Hexachloroethane           | 7.25 | 117 | 155963  | 47.740 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70  | 259682  | 51.942 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.16 | 107 | 399737  | 52.859 | ng | 95     |
| 22) Acetophenone               | 7.15 | 105 | 524417  | 51.378 | ng | # 96   |
| 24) Nitrobenzene               | 7.32 | 77  | 403994  | 48.896 | ng | 98     |
| 25) Isophorone                 | 7.56 | 82  | 733113  | 50.524 | ng | 99     |
| 26) 2-Nitrophenol              | 7.63 | 139 | 220553  | 50.380 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.68 | 122 | 333340  | 56.104 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.77 | 93  | 443658  | 46.974 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.88 | 162 | 344656  | 49.275 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.96 | 180 | 381689  | 46.026 | ng | 99     |
| 31) Naphthalene                | 8.04 | 128 | 1120593 | 48.980 | ng | 99     |
| 32) Benzoic acid               | 7.83 | 122 | 209662  | 48.311 | ng | 97     |
| 33) 4-Chloroaniline            | 8.09 | 127 | 173303  | 17.612 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.16 | 225 | 232715  | 45.050 | ng | 98     |
| 35) Caprolactam                | 8.47 | 113 | 114492m | 53.160 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.59 | 107 | 363877  | 51.404 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.73 | 142 | 778889  | 50.588 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.83 | 142 | 733295  | 50.642 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.90 | 216 | 385526  | 45.121 | ng | 100    |

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.89  | 237  | 252117   | 80.939 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.02  | 196  | 249487   | 46.239 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.06  | 196  | 267857   | 47.308 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 9.19  | 154  | 945884   | 46.182 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.22  | 162  | 758881   | 45.979 | nq    | 98       |
| 48) 2-Nitroaniline             | 9.32  | 65   | 212701   | 46.204 | nq    | 97       |
| 49) Acenaphthylene             | 9.63  | 152  | 1172060  | 49.167 | nq    | 99       |
| 50) Dimethylphthalate          | 9.50  | 163  | 1123961  | 58.000 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.56  | 165  | 208587   | 48.448 | nq    | 99       |
| 52) Acenaphthene               | 9.80  | 154  | 680446   | 47.339 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.73  | 138  | 110954   | 23.246 | nq    | 95       |
| 54) 2,4-Dinitrophenol          | 9.85  | 184  | 189342   | 89.506 | nq    | 99       |
| 55) Dibenzofuran               | 9.97  | 168  | 1035307  | 48.256 | nq    | 98       |
| 56) 4-Nitrophenol              | 9.92  | 139  | 260240   | 90.748 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 9.97  | 165  | 271225   | 48.602 | nq    | 99       |
| 58) Fluorene                   | 10.32 | 166  | 830847   | 49.837 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.10 | 232  | 226382   | 47.385 | nq    | 99       |
| 60) Diethylphthalate           | 10.20 | 149  | 907197   | 49.677 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.31 | 204  | 431595   | 48.909 | nq    | 95       |
| 62) 4-Nitroaniline             | 10.35 | 138  | 209133   | 42.826 | nq    | 94       |
| 63) Azobenzene                 | 10.47 | 77   | 805648   | 50.754 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.39 | 198  | 157631   | 54.113 | nq    | 88       |
| 66) n-Nitrosodiphenylamine     | 10.43 | 169  | 760544   | 48.250 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.80 | 248  | 292286   | 46.450 | nq    | 91       |
| 68) Hexachlorobenzene          | 10.87 | 284  | 326433   | 44.995 | nq    | 94       |
| 69) Atrazine                   | 10.96 | 200  | 274243   | 49.796 | nq    | 99       |
| 70) Pentachlorophenol          | 11.07 | 266  | 273091   | 93.446 | nq    | 98       |
| 71) Phenanthrene               | 11.28 | 178  | 1272954  | 48.488 | nq    | 98       |
| 72) Anthracene                 | 11.33 | 178  | 1321235  | 50.369 | nq    | 99       |
| 73) Carbazole                  | 11.49 | 167  | 1161813  | 49.717 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.81 | 149  | 1461465  | 51.643 | nq    | 99       |
| 75) Fluoranthene               | 12.46 | 202  | 1407406  | 50.505 | nq    | 99       |
| 77) Benzidine                  | 12.58 | 184  | 574436   | 36.755 | nq    | 99       |
| 78) Pyrene                     | 12.69 | 202  | 1400592  | 45.388 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.30 | 149  | 644173   | 49.600 | nq    | 97       |
| 81) Benzo(a)anthracene         | 13.88 | 228  | 1287728  | 49.179 | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.84 | 252  | 321222   | 31.593 | nq    | 100      |
| 83) Chrysene                   | 13.92 | 228  | 1246014  | 47.757 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.86 | 149  | 905523   | 55.189 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 14.47 | 149  | 1520433  | 58.160 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.72 | 276  | 1306974  | 51.735 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 14.91 | 252  | 1316122  | 50.182 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 14.93 | 252  | 1161523  | 47.789 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.26 | 252  | 1122723  | 47.431 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.72 | 278  | 1091284  | 52.397 | nq    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.13 | 276  | 1092422  | 53.086 | nq    | 99       |

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



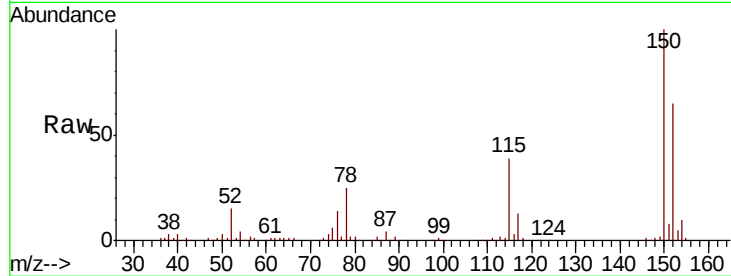


#1

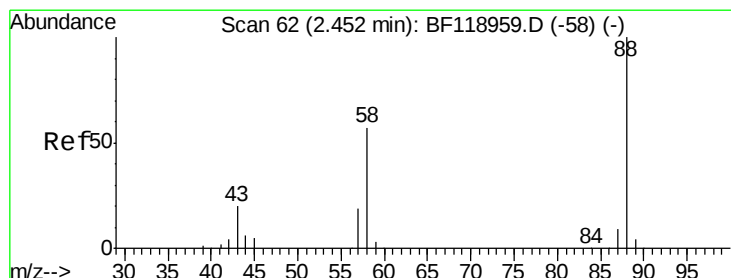
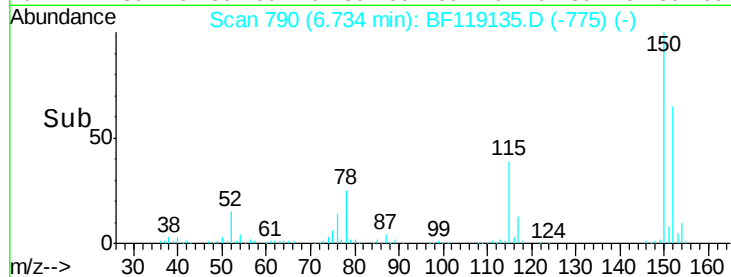
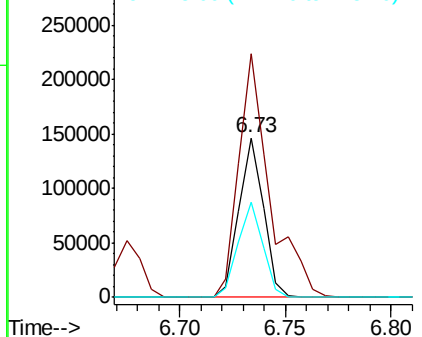
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.73 min Scan# 790  
Delta R.T. -0.01 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

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Tot Ion:152 Resp: 117897  
Ion Ratio Lower Upper  
152 100  
150 153.0 123.0 184.6  
115 60.1 49.5 74.3



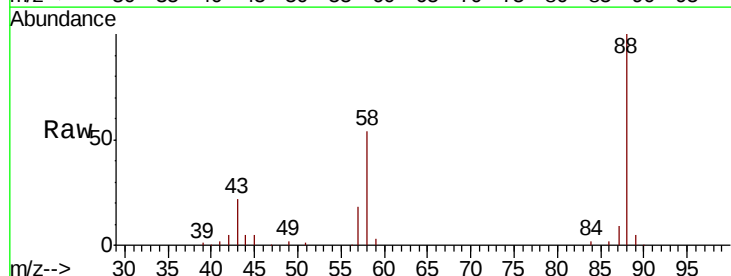
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



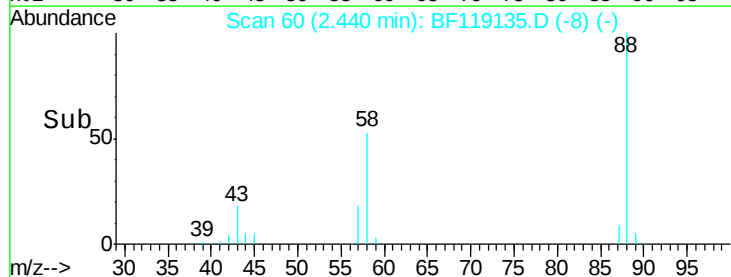
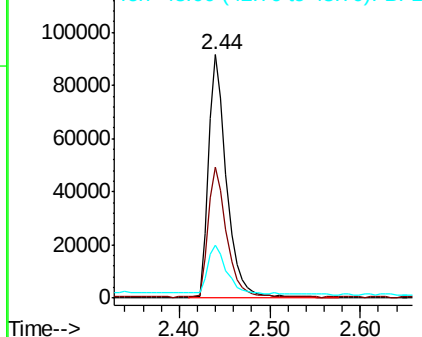
#2

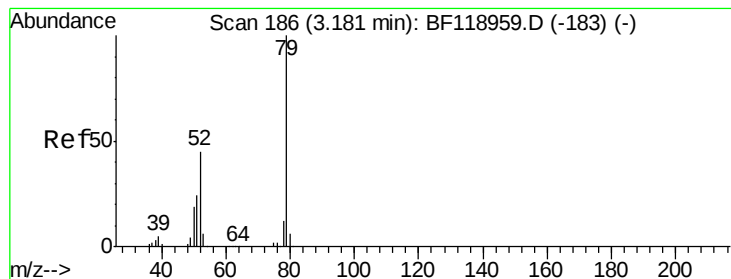
1,4-Dioxane  
Concen: 41.261 ng  
RT: 2.44 min Scan# 60  
Delta R.T. 0.01 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Tgt Ion: 88 Resp: 129601  
Ion Ratio Lower Upper  
88 100  
58 53.1 43.8 65.6  
43 21.7 16.2 24.4



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: 38.142 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

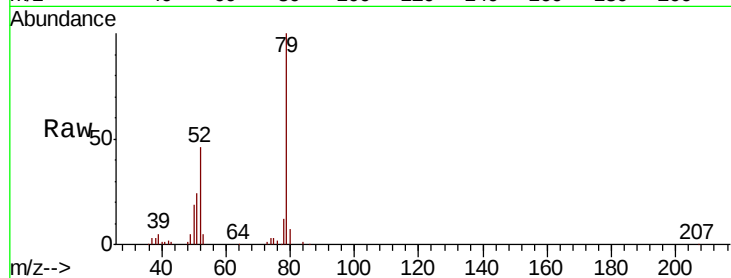
Tot Ion: 79 Resp: 327186

Ion Ratio Lower Upper

79 100

52 46.2 37.4 56.0

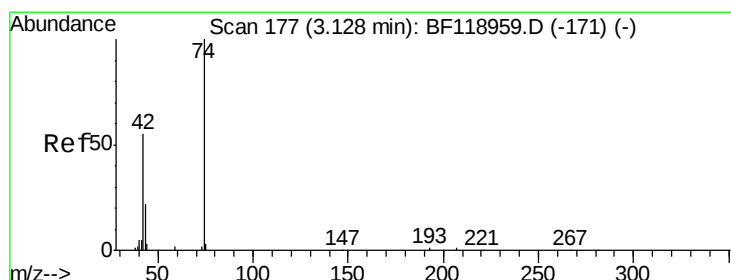
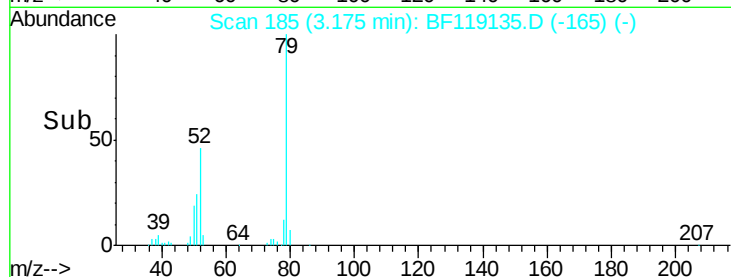
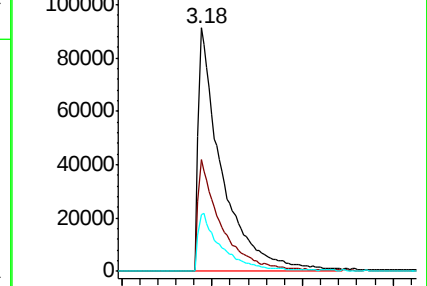
51 23.6 19.8 29.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 50.185 ng

RT: 3.11 min Scan# 174

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

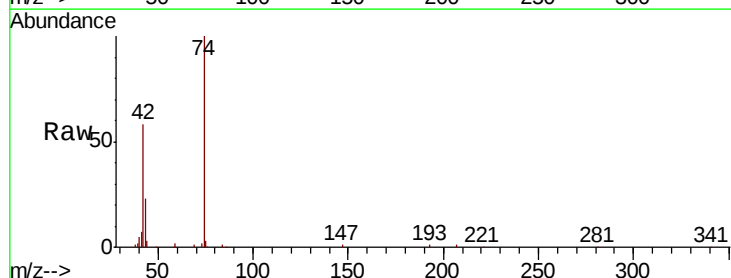
Tgt Ion: 42 Resp: 130409

Ion Ratio Lower Upper

42 100

74 171.5 137.7 206.5

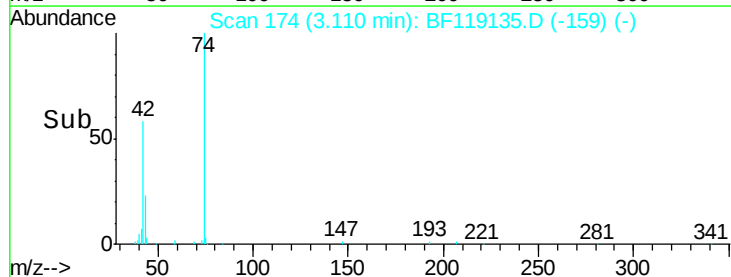
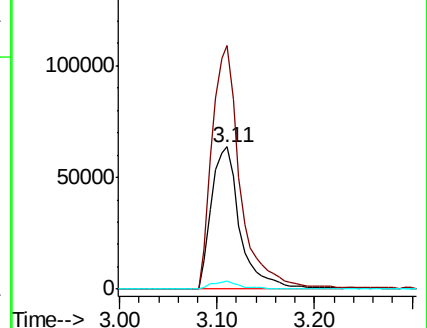
44 5.3 4.5 6.7

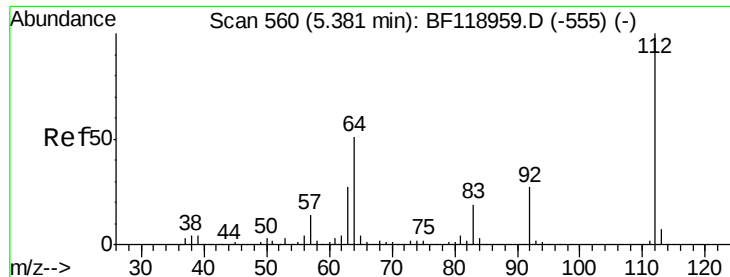


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 131.597 ng

RT: 5.36 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

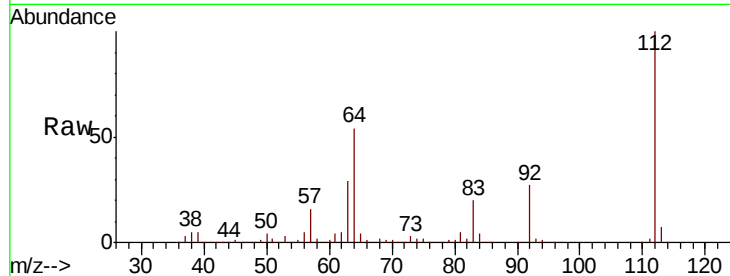
Tot Ion:112 Resp: 928380

Ion Ratio Lower Upper

112 100

64 54.3 45.0 67.4

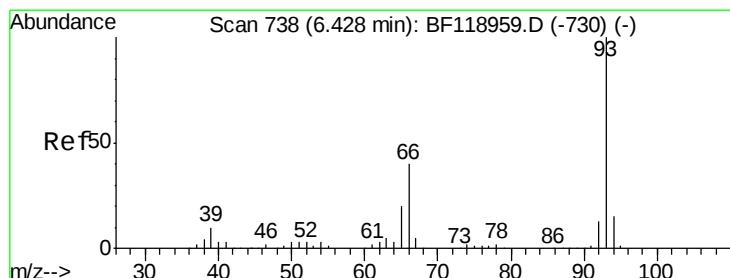
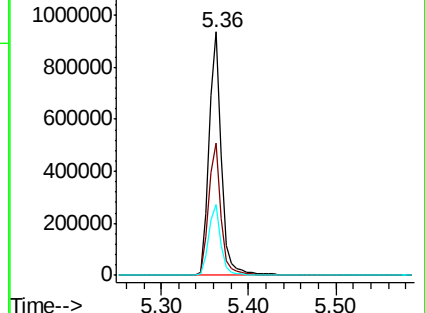
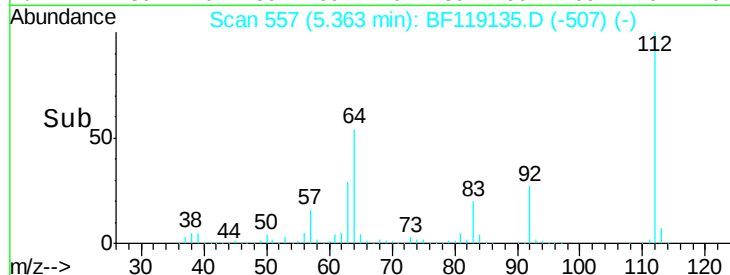
63 28.9 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.103 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

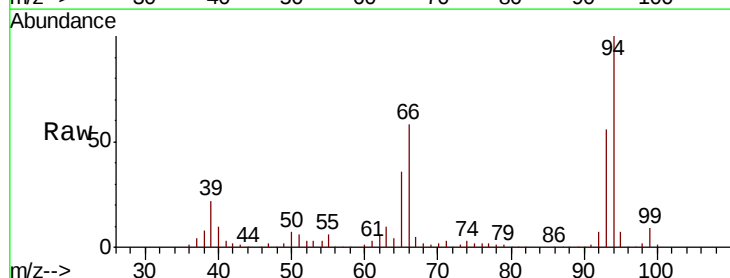
Tgt Ion: 93 Resp: 329287

Ion Ratio Lower Upper

93 100

66 104.8 74.5 111.7

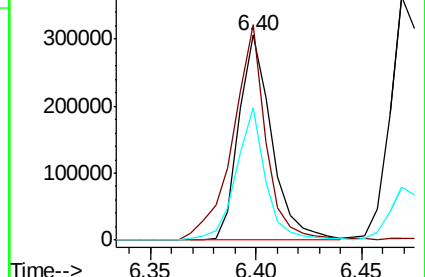
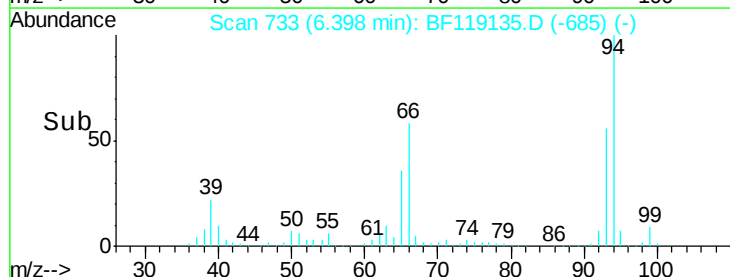
65 64.2 45.3 67.9

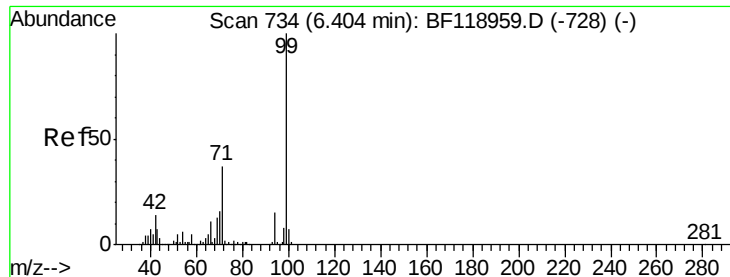


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.814 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119135.D

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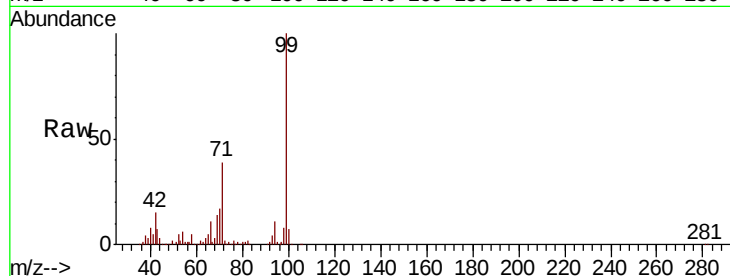
Tot Ion: 99 Resp: 1113785

Ion Ratio Lower Upper

99 100

42 15.4 12.6 18.8

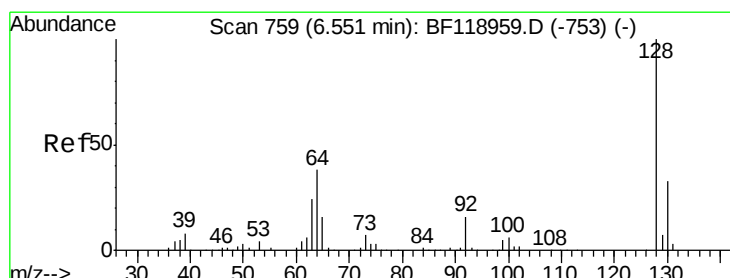
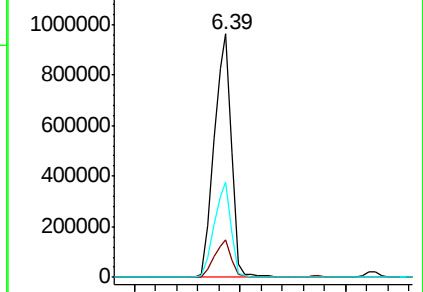
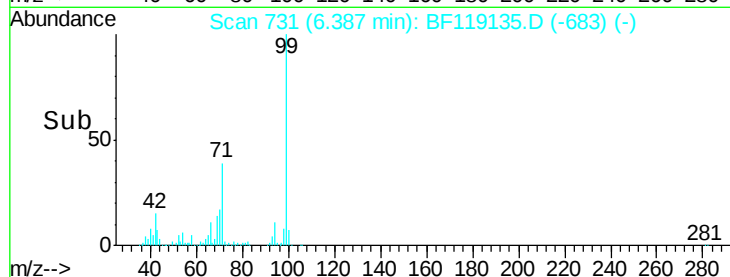
71 39.2 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 52.742 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

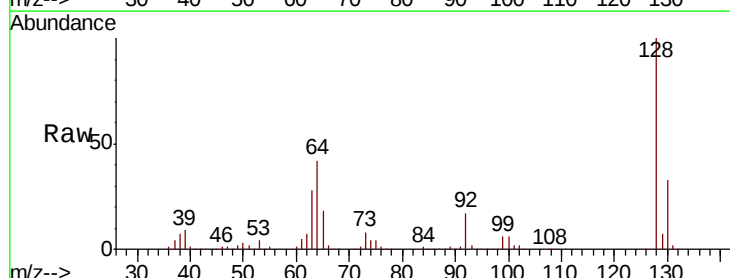
Tgt Ion: 128 Resp: 401547

Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

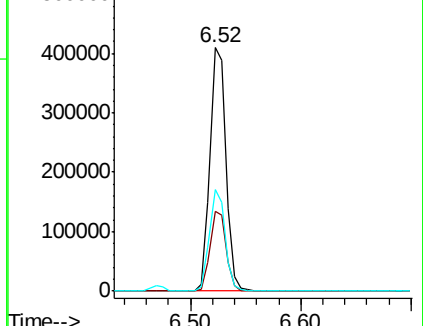
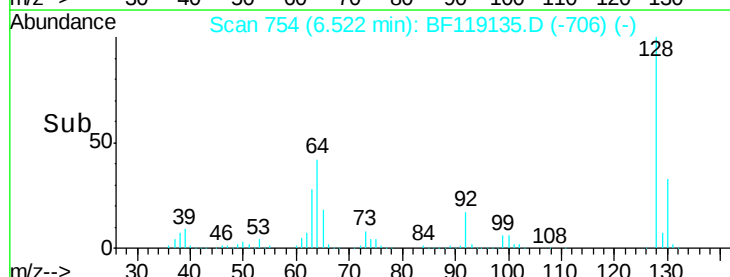
64 41.9 22.3 62.3

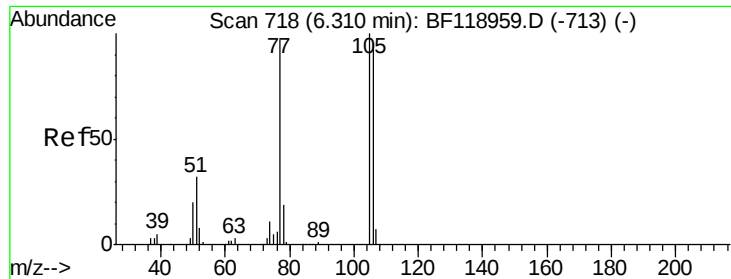


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.640 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

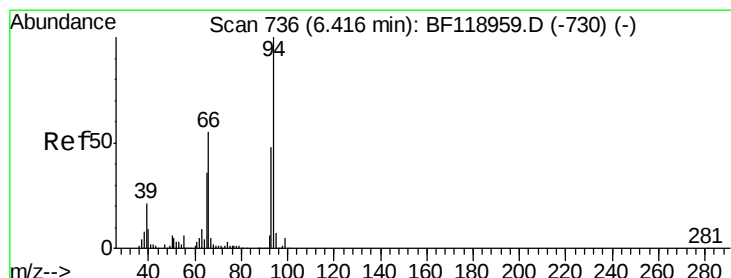
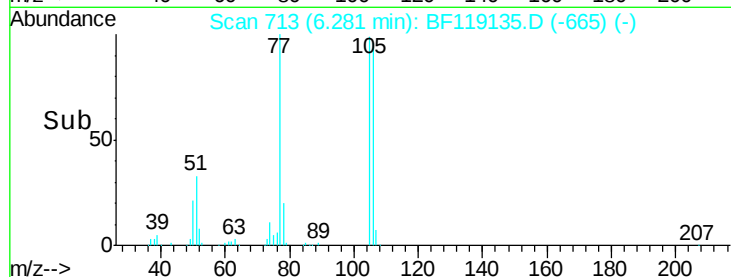
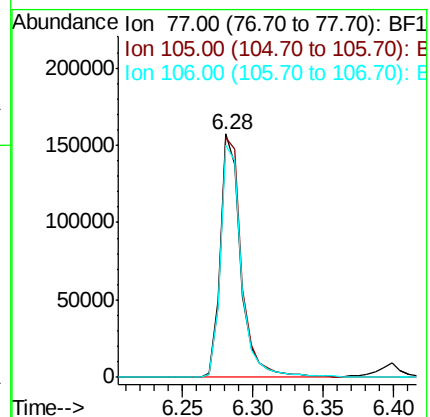
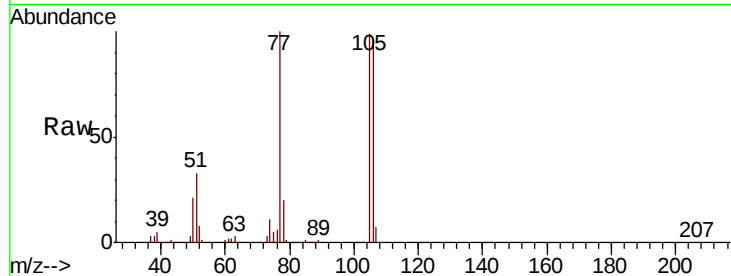
Tot Ion: 77 Resp: 158442

Ion Ratio Lower Upper

77 100

105 98.7 80.1 120.1

106 95.5 75.9 115.9



#10

Phenol

Concen: 49.238 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

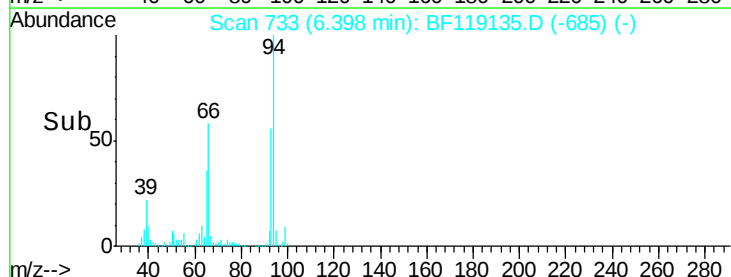
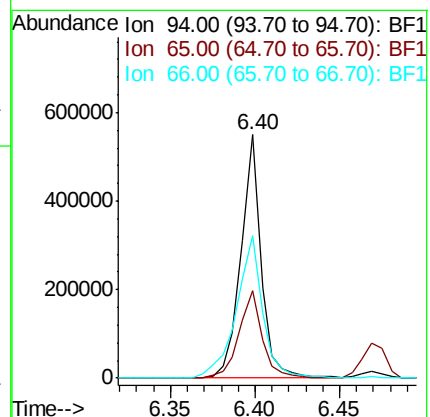
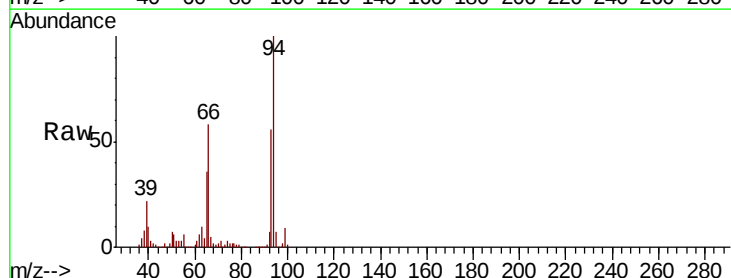
Tgt Ion: 94 Resp: 456748

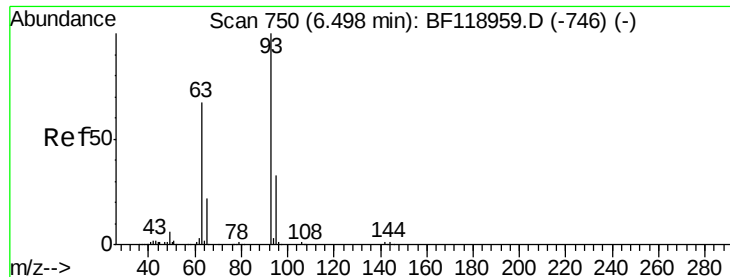
Ion Ratio Lower Upper

94 100

65 35.7 19.2 59.2

66 58.3 44.4 84.4

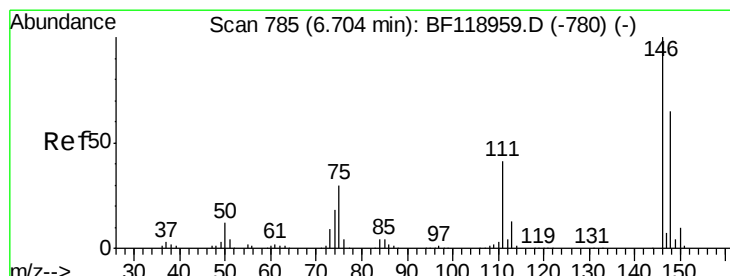
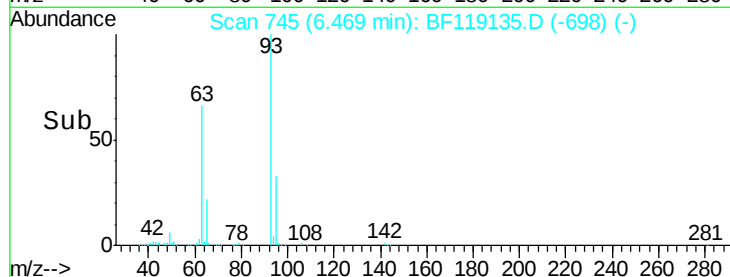
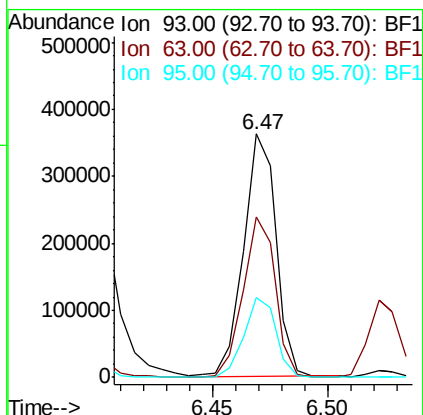
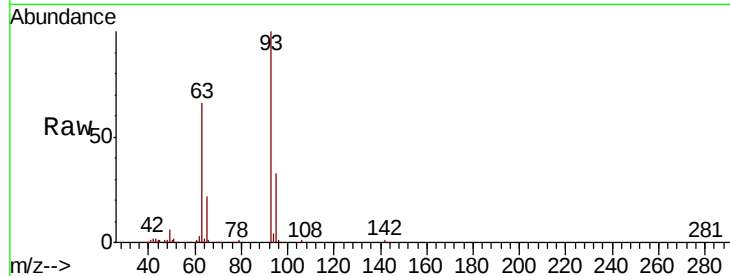




#11  
bis(2-Chloroethyl)ether  
Concen: 50.138 ng  
RT: 6.47 min Scan# 745  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

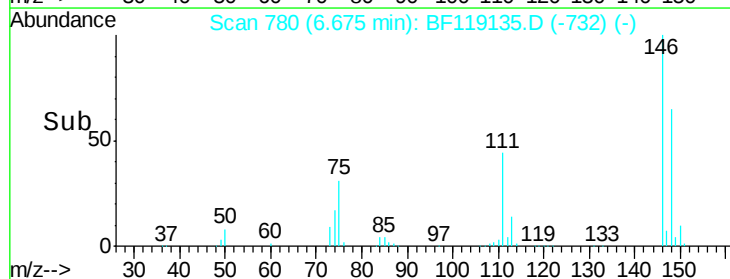
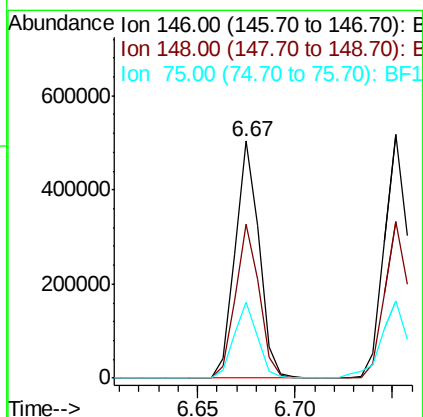
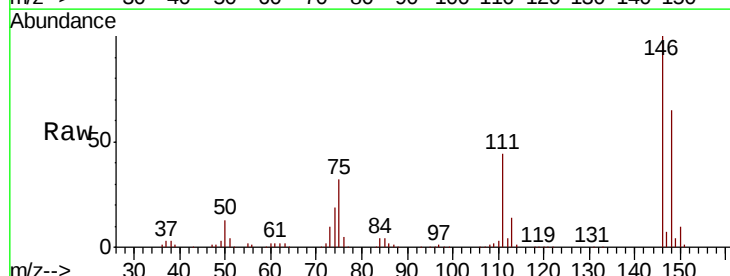
Instrument :  
BNA\_F  
ClientSampleId :  
MP-1-COMPMS

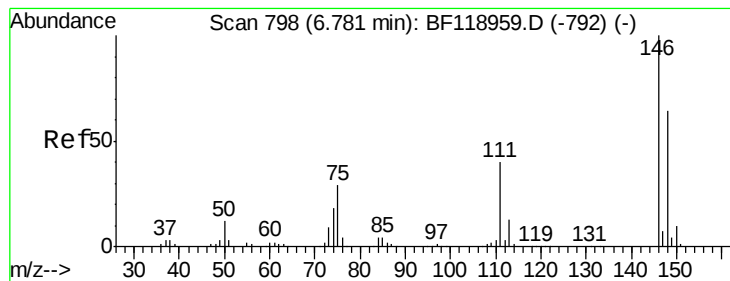
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 66.0  | 45.4  | 85.4  |
| 95      | 32.7  | 13.5  | 53.5  |



#12  
1,3-Dichlorobenzene  
Concen: 46.995 ng  
RT: 6.67 min Scan# 780  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 52.5  | 78.7  |
| 75      | 32.0  | 23.6  | 35.4  |





#13

1,4-Dichlorobenzene

Concen: 48.223 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

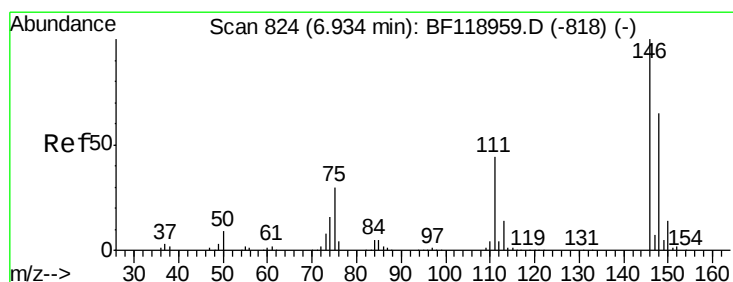
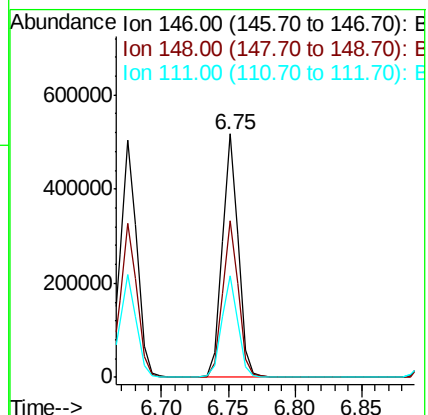
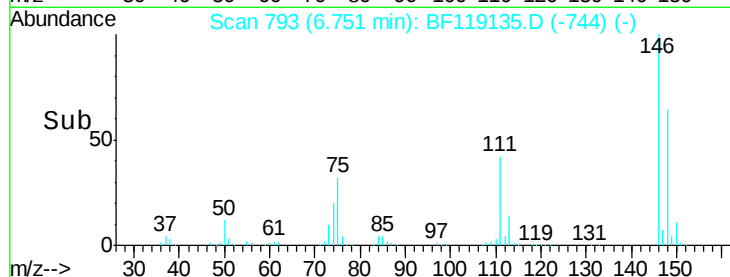
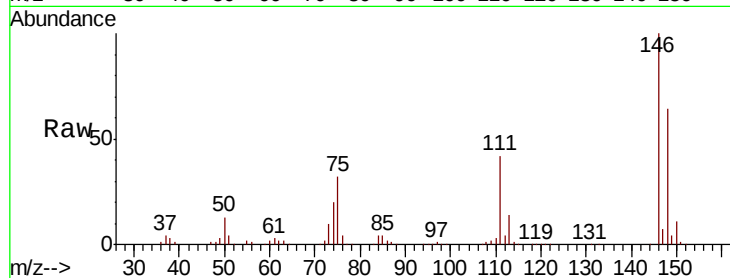
Tot Ion:146 Resp: 440339

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

111 41.7 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 48.912 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

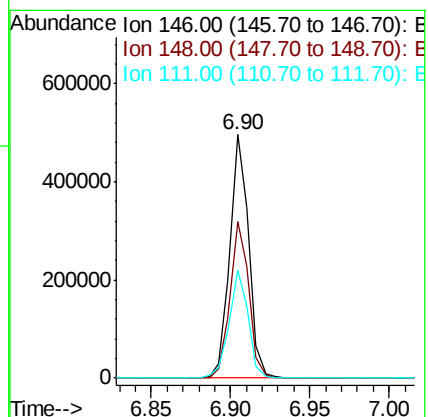
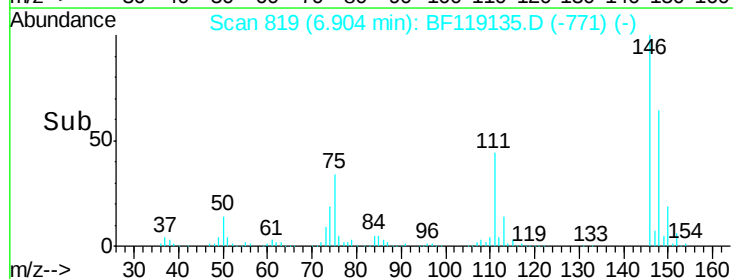
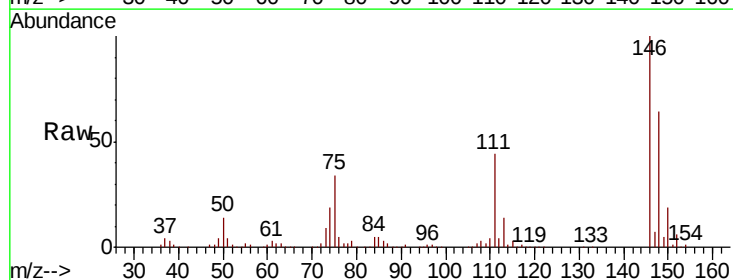
Tgt Ion:146 Resp: 407329

Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

111 44.5 36.2 54.2





#15

Benzyl Alcohol

Concen: 52.973 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

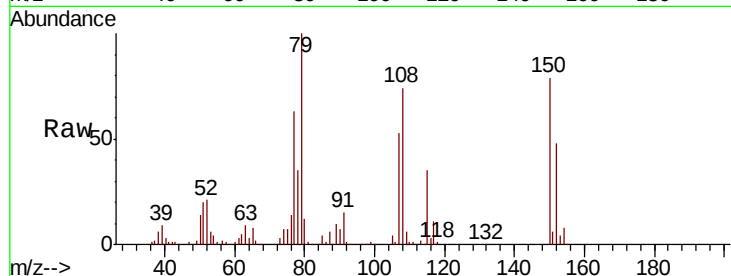
Tot Ion: 79 Resp: 328483

Ion Ratio Lower Upper

79 100

108 74.0 58.2 87.2

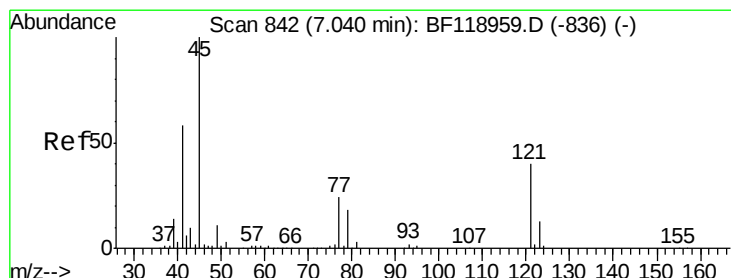
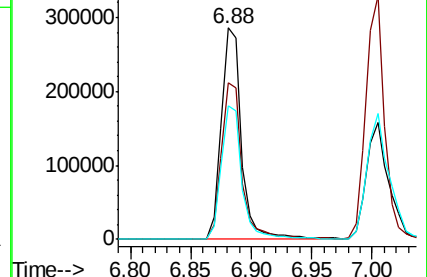
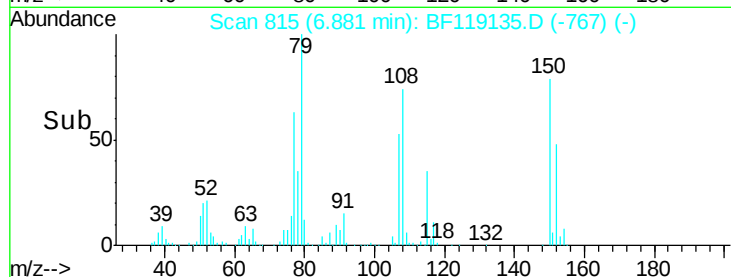
77 62.9 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.393 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

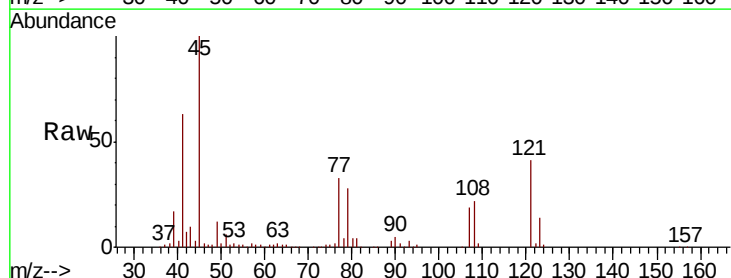
Tgt Ion: 45 Resp: 285243

Ion Ratio Lower Upper

45 100

77 33.3 15.0 55.0

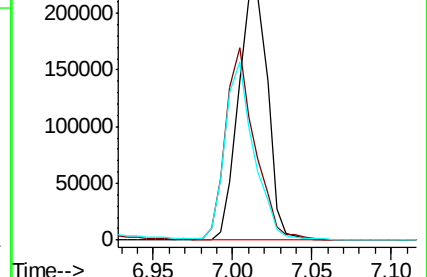
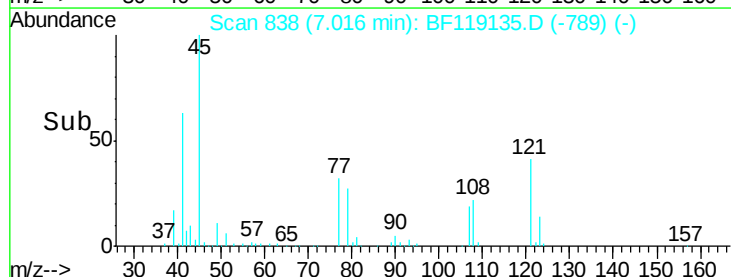
79 27.8 9.4 49.4

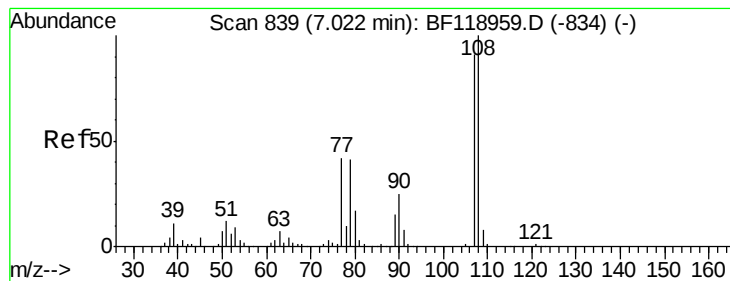


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

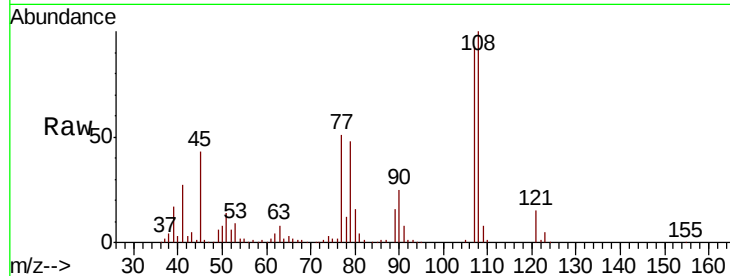




#17  
2-Methylphenol  
Concen: 51.193 ng  
RT: 7.00 min Scan# 836  
Delta R.T. -0.01 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Instrument :  
BNA\_F  
ClientSampleId :  
MP-1-COMPMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 315996 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 108.0 | 87.9  | 131.9  |
| 77       | 55.6  | 45.3  | 67.9   |
| 79       | 51.7  | 43.0  | 64.4   |



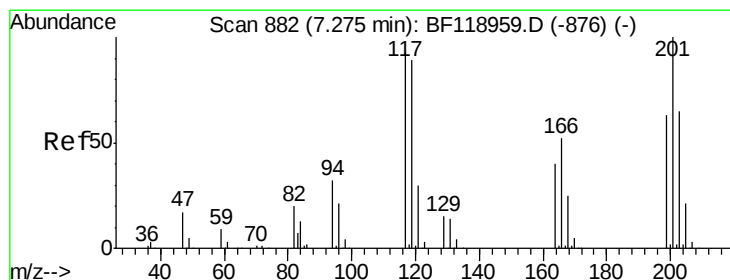
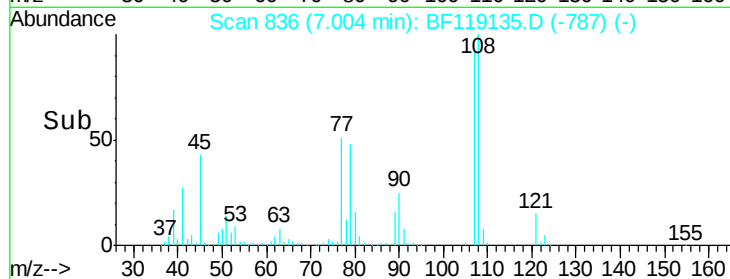
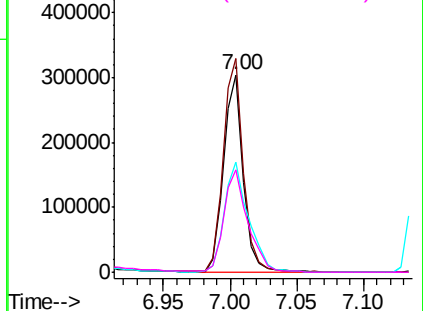
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

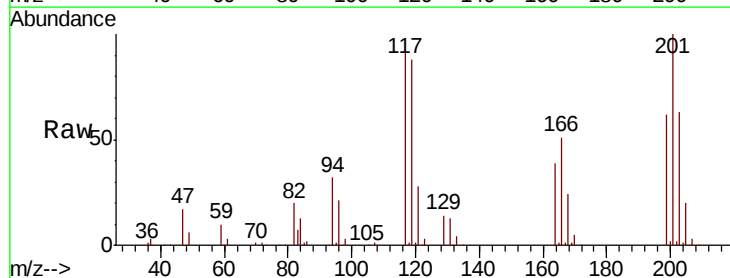
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 47.740 ng  
RT: 7.25 min Scan# 877  
Delta R.T. -0.01 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 155963 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.4  | 77.5  | 116.3  |
| 201      | 109.0 | 82.6  | 123.8  |

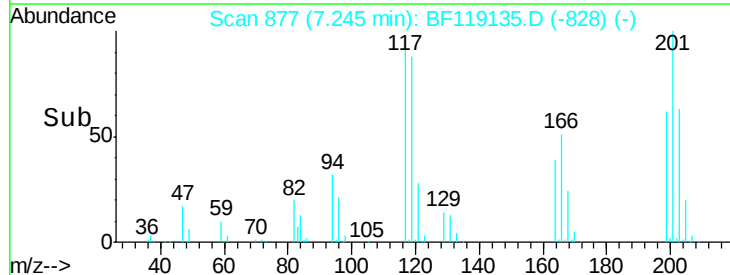
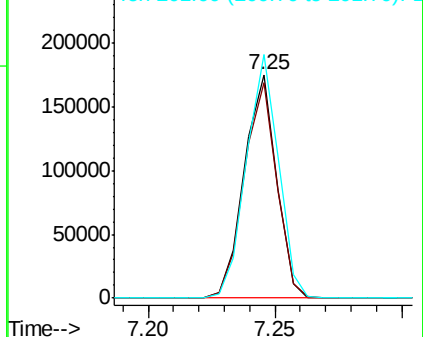


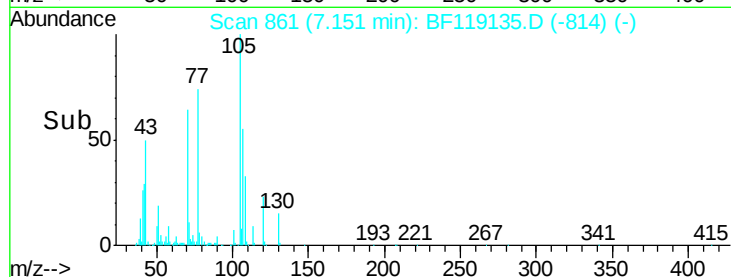
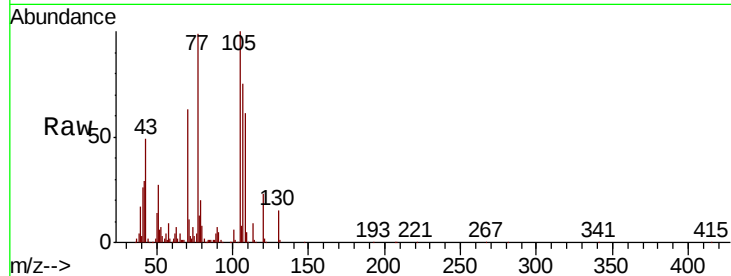
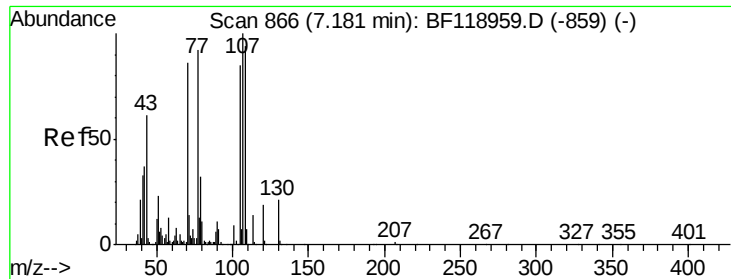
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

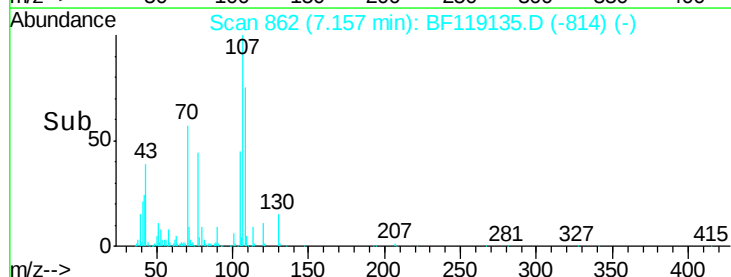
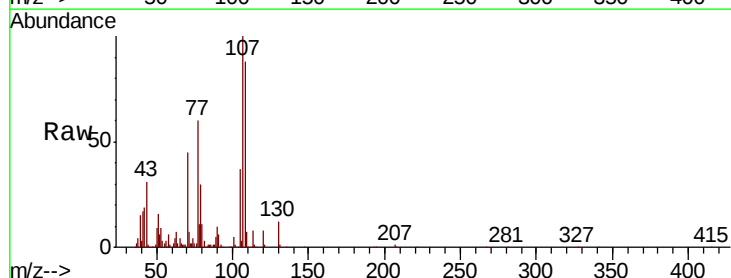
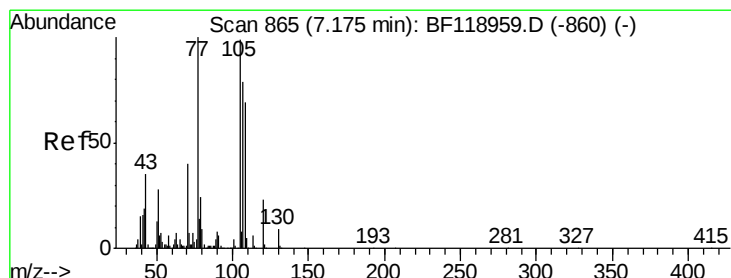
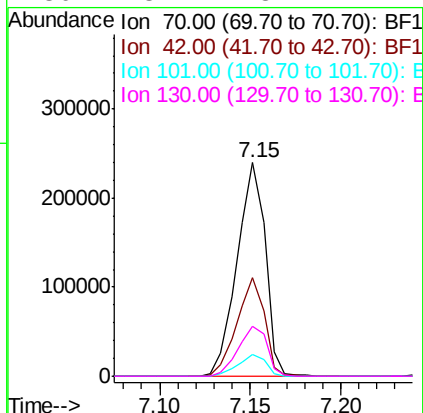




#19  
n-Nitroso-di-n-propylamine  
Concen: 51.942 ng  
RT: 7.15 min Scan# 861  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

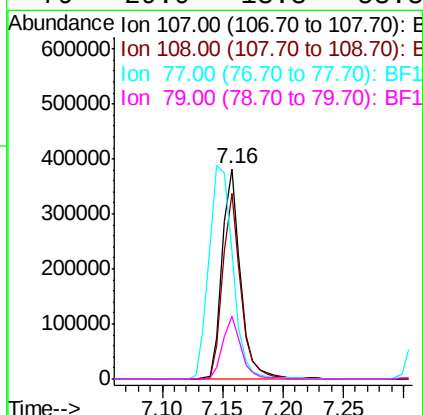
Instrument :  
BNA\_F  
ClientSampleId :  
MP-1-COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 45.9  | 38.0  | 57.0  |
| 101     | 10.2  | 8.2   | 12.4  |
| 130     | 23.1  | 18.2  | 27.4  |



#20  
3+4-Methylphenols  
Concen: 52.859 ng  
RT: 7.16 min Scan# 862  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.4  | 71.5  | 111.5 |
| 77      | 60.1  | 45.9  | 85.9  |
| 79      | 29.9  | 13.8  | 53.8  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

Tot Ion:136 Resp: 441149

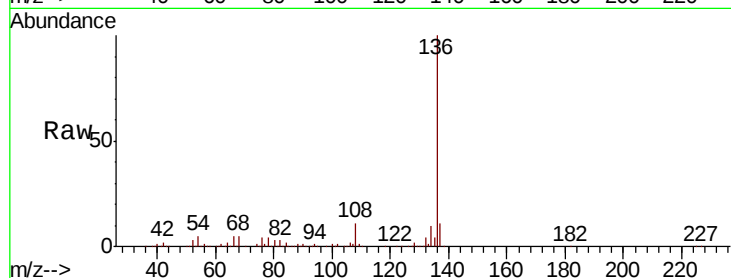
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 4.8 3.8 5.6

68 5.2 3.9 5.9

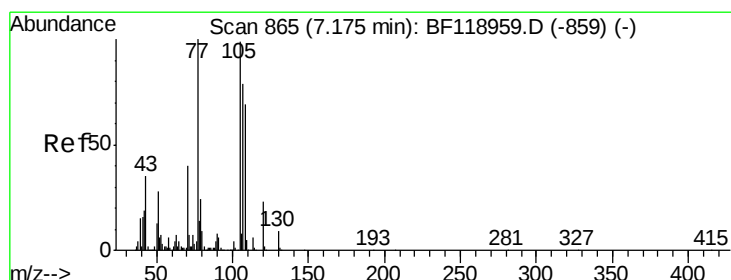
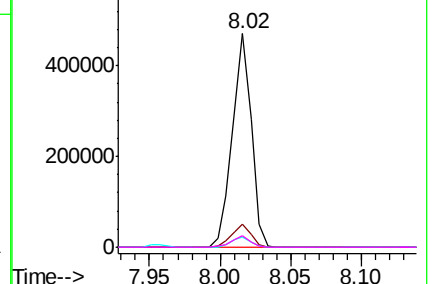
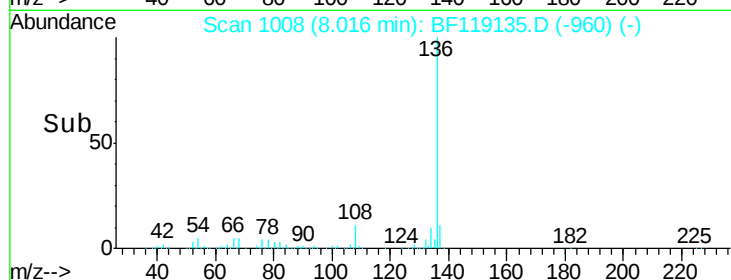


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.378 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Tgt Ion:105 Resp: 524417

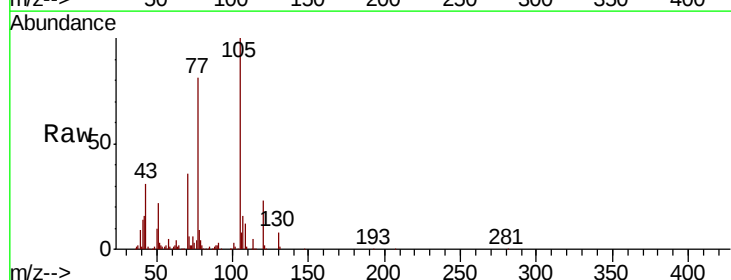
Ion Ratio Lower Upper

105 100

71 5.6 3.0 4.4#

51 21.7 20.1 30.1

120 23.0 18.0 27.0

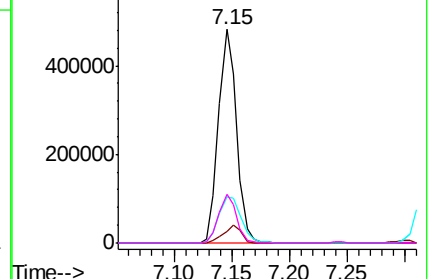
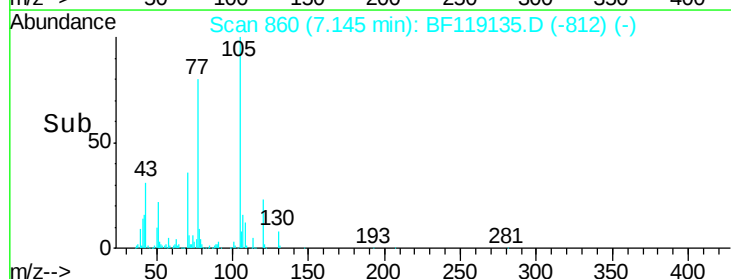


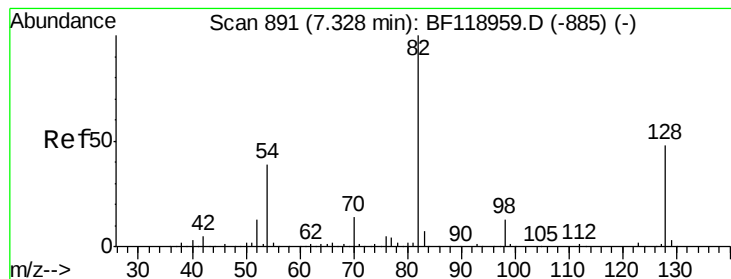
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.039 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

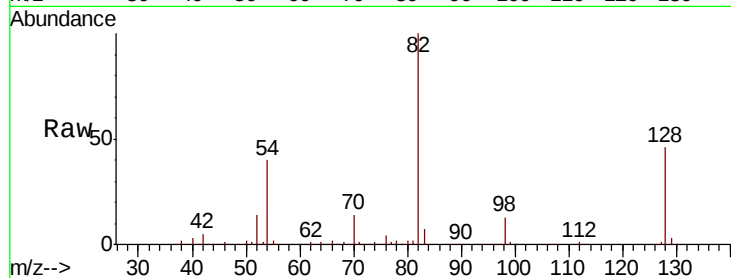
Tot Ion: 82 Resp: 743925

Ion Ratio Lower Upper

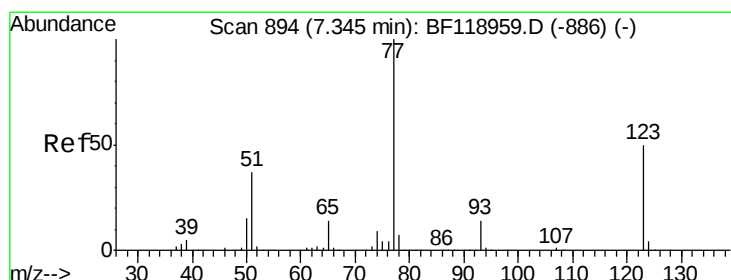
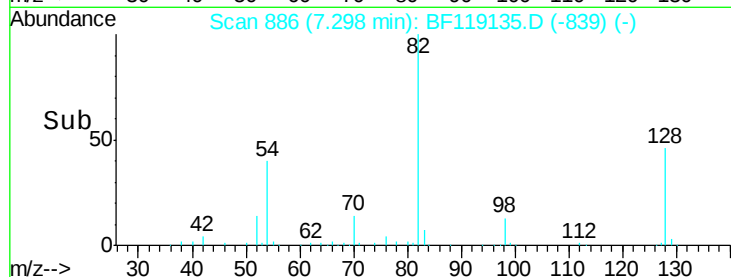
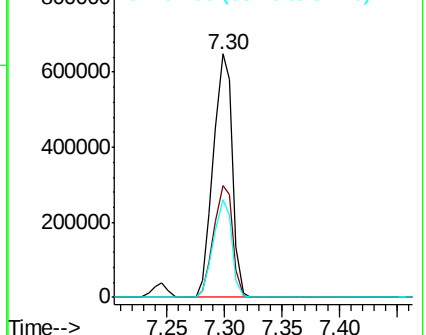
82 100

128 45.7 37.9 56.9

54 40.1 33.4 50.2



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



#24

Nitrobenzene

Concen: 48.896 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

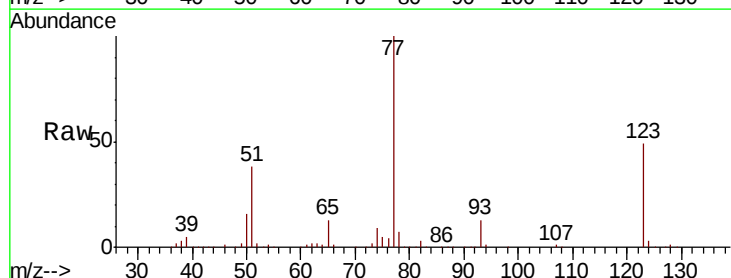
Tgt Ion: 77 Resp: 403994

Ion Ratio Lower Upper

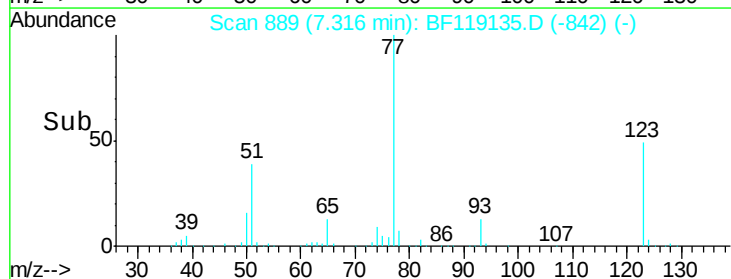
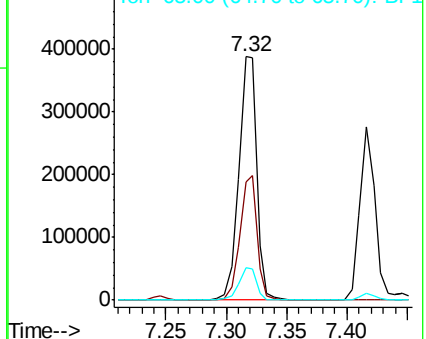
77 100

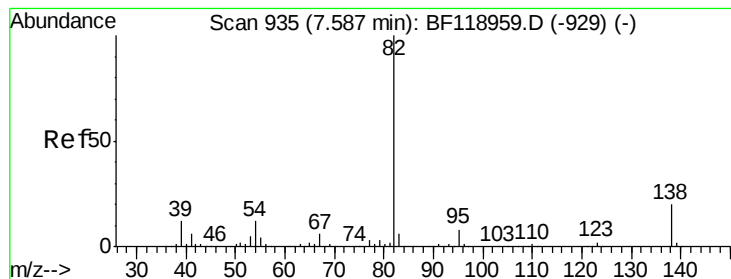
123 48.6 40.2 60.2

65 13.4 10.8 16.2



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





#25

Isophorone

Concen: 50.524 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

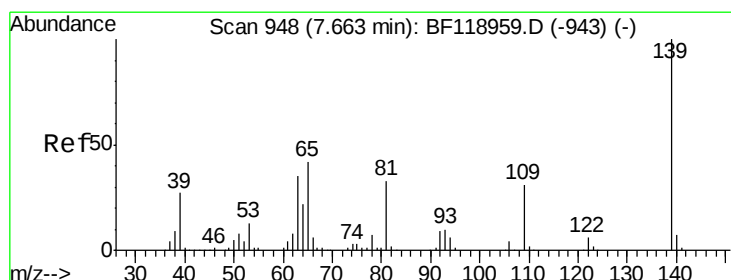
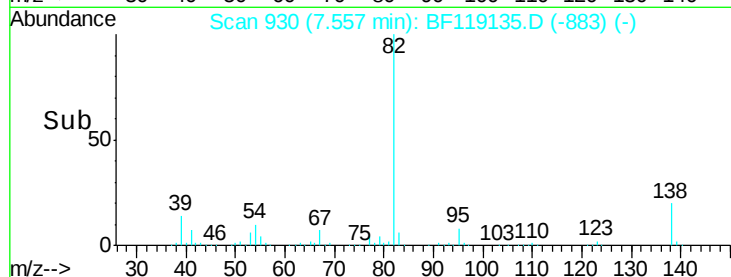
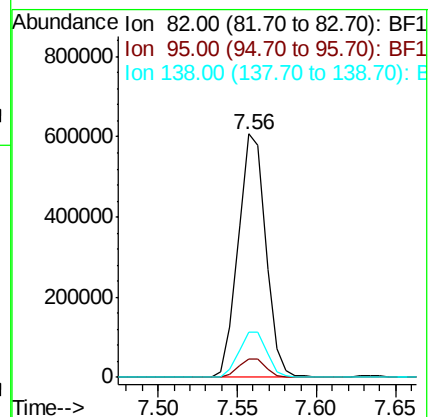
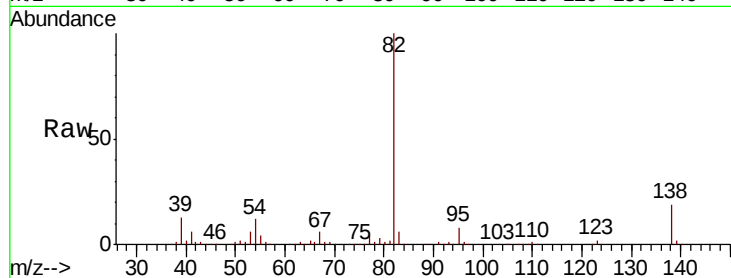
Tot Ion: 82 Resp: 733113

Ion Ratio Lower Upper

82 100

95 7.7 6.4 9.6

138 18.8 15.7 23.5



#26

2-Nitrophenol

Concen: 50.380 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

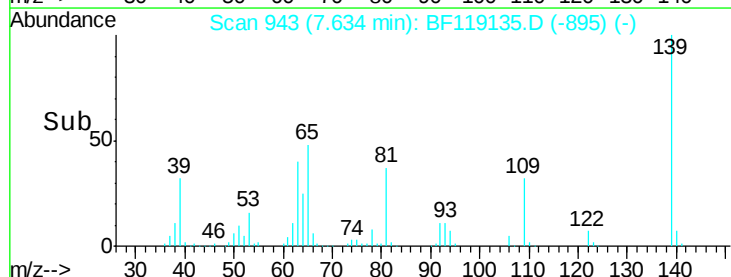
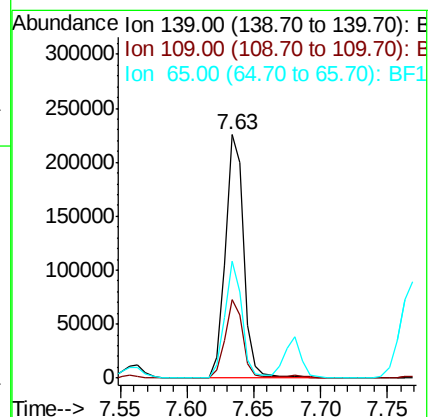
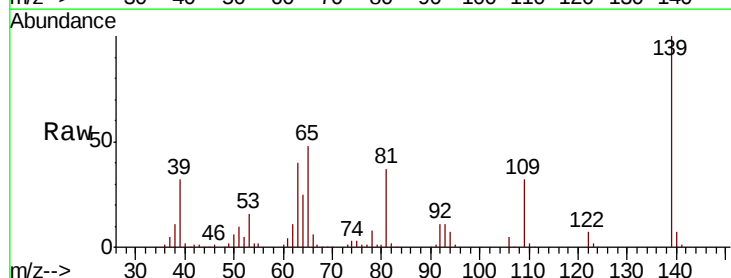
Tgt Ion: 139 Resp: 220553

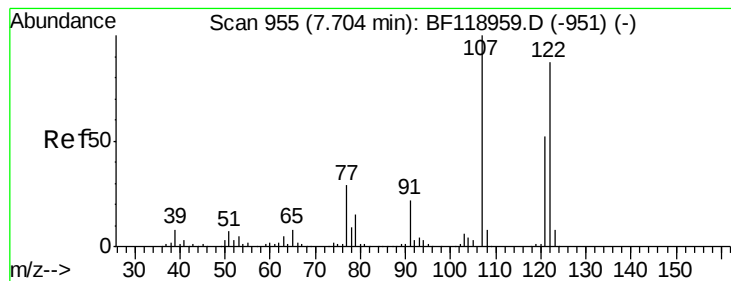
Ion Ratio Lower Upper

139 100

109 32.2 25.7 38.5

65 48.0 37.1 55.7

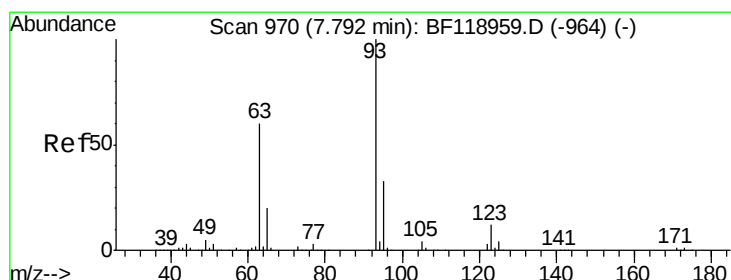
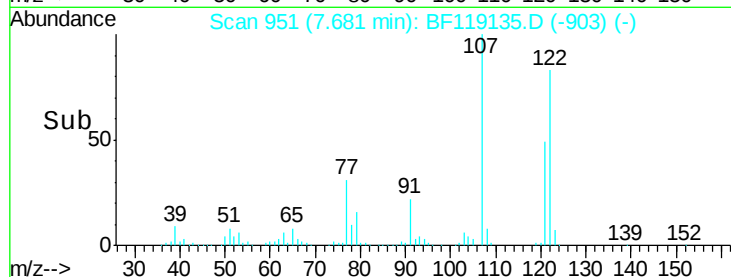
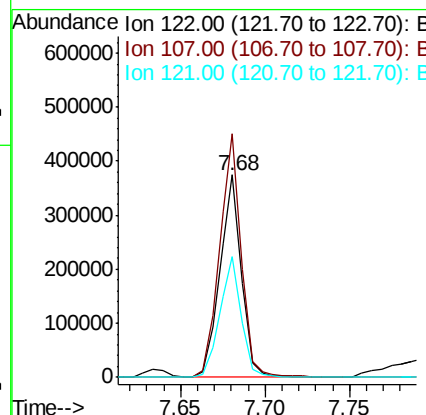
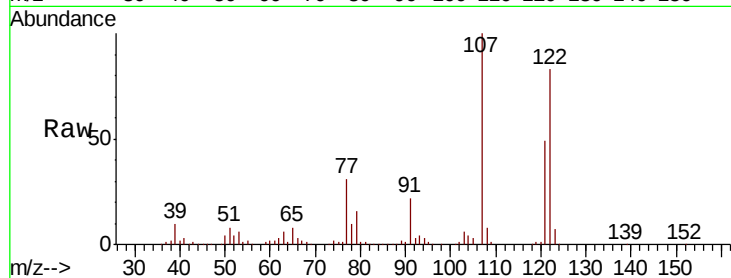




#27  
2,4-Dimethylphenol  
Concen: 56.104 ng  
RT: 7.68 min Scan# 951  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

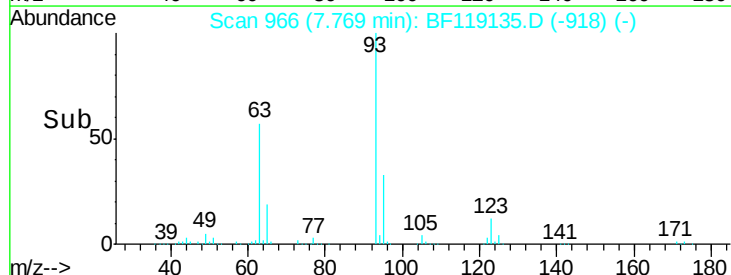
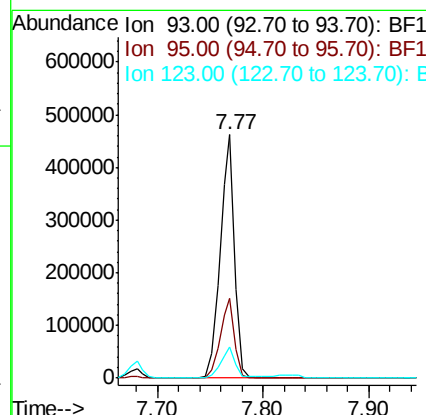
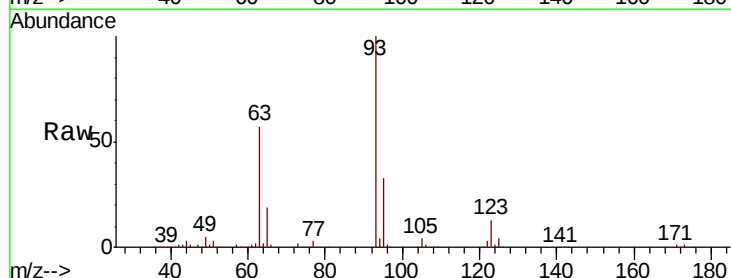
Instrument :  
BNA\_F  
ClientSampleId :  
MP-1-COMPMS

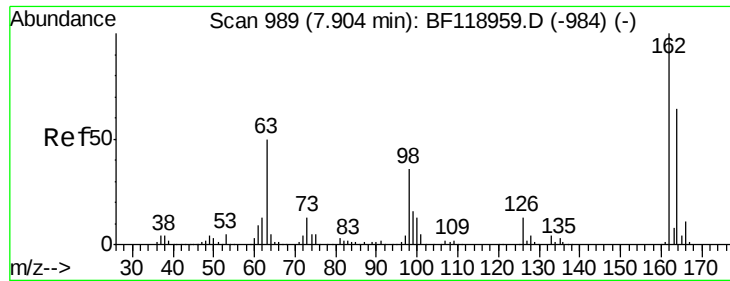
Tot Ion:122 Resp: 333340  
Ion Ratio Lower Upper  
122 100  
107 120.2 93.8 140.6  
121 59.4 48.2 72.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 46.974 ng  
RT: 7.77 min Scan# 966  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Tgt Ion: 93 Resp: 443658  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.5 39.7  
123 12.6 10.2 15.2

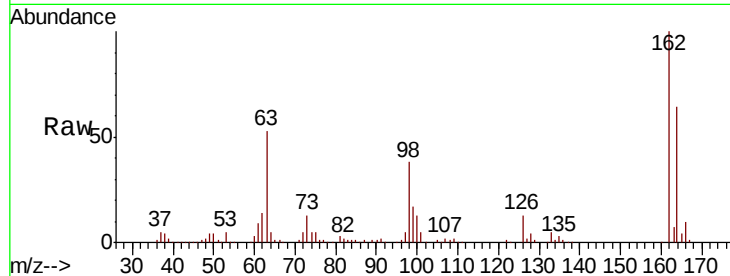




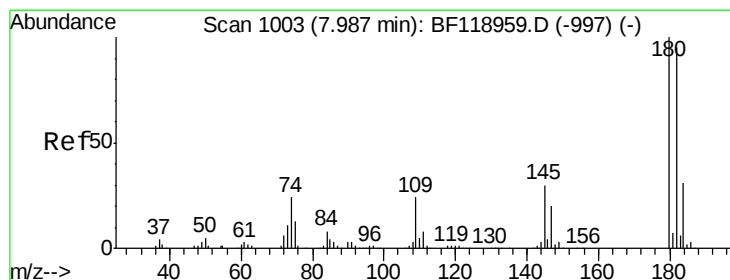
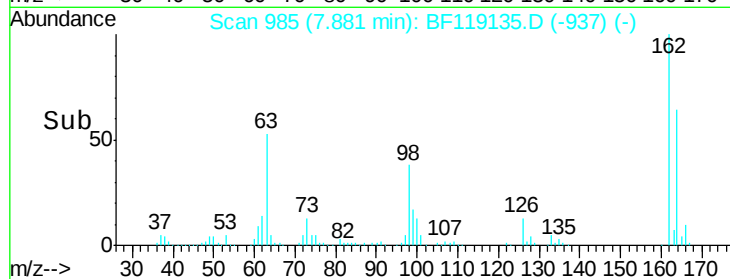
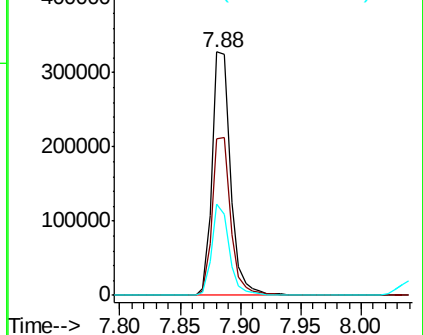
#29  
 2,4-Dichlorophenol  
 Concen: 49.275 ng  
 RT: 7.88 min Scan# 985  
 Delta R.T. -0.02 min  
 Lab File: BF119135.D  
 Acq: 28 Feb 2020 17:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MP-1-COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.1  | 45.2  | 85.2  |
| 98      | 37.7  | 17.4  | 57.4  |

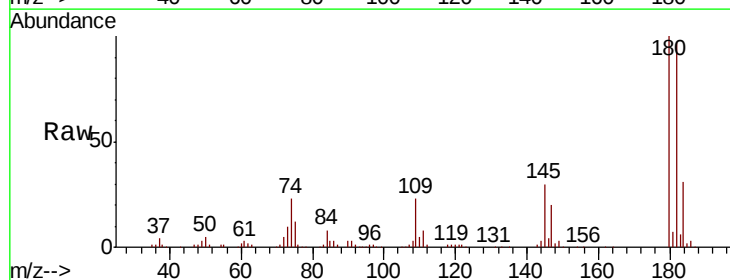


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

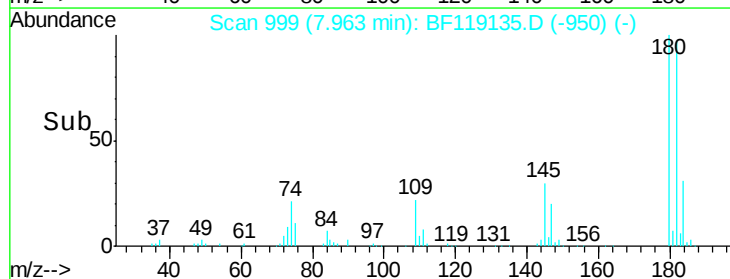
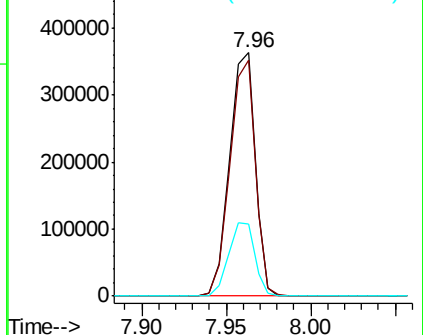


#30  
 1,2,4-Trichlorobenzene  
 Concen: 46.026 ng  
 RT: 7.96 min Scan# 999  
 Delta R.T. -0.01 min  
 Lab File: BF119135.D  
 Acq: 28 Feb 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.0  | 77.8  | 116.6 |
| 145     | 29.8  | 25.2  | 37.8  |



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





#31

Naphthalene

Concen: 48.980 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

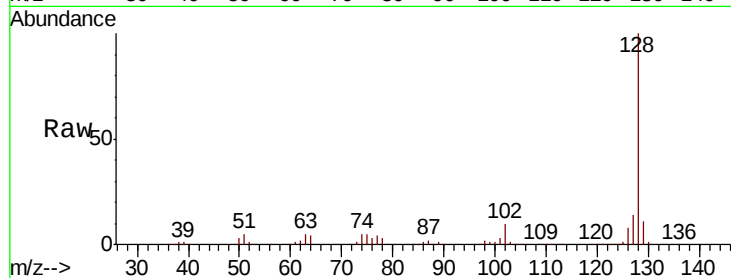
Tot Ion:128 Resp: 1120593

Ion Ratio Lower Upper

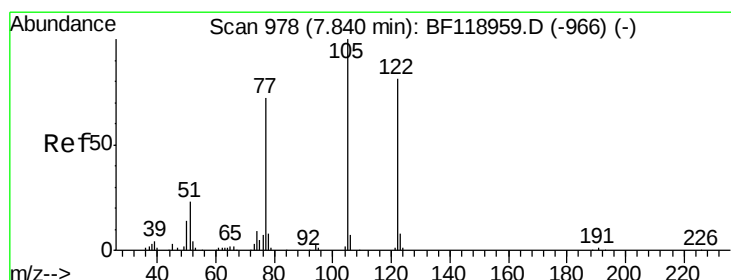
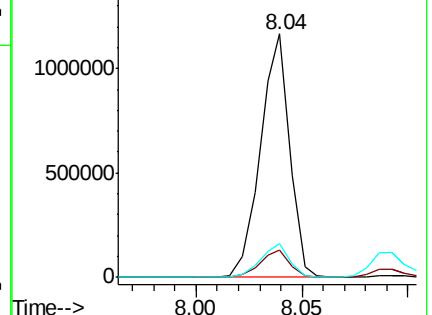
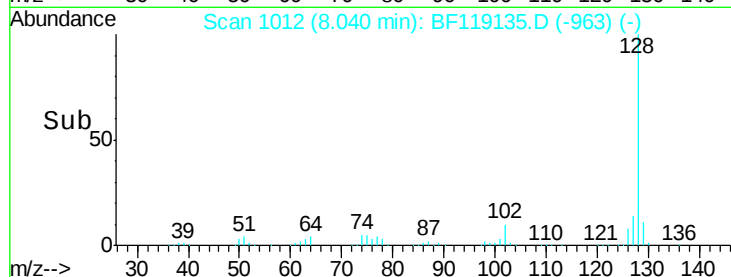
128 100

129 11.3 9.4 14.2

127 13.6 11.4 17.2



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



#32

Benzoic acid

Concen: 48.311 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.03 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

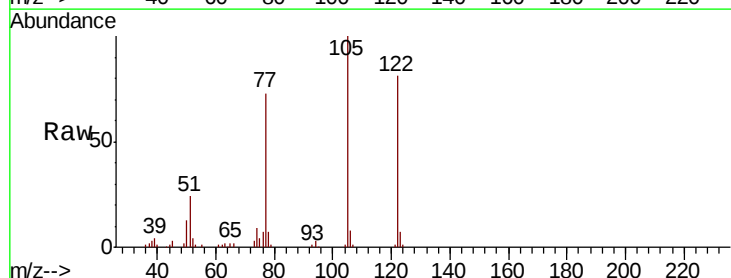
Tgt Ion:122 Resp: 209662

Ion Ratio Lower Upper

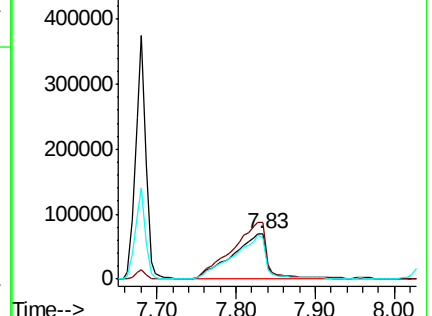
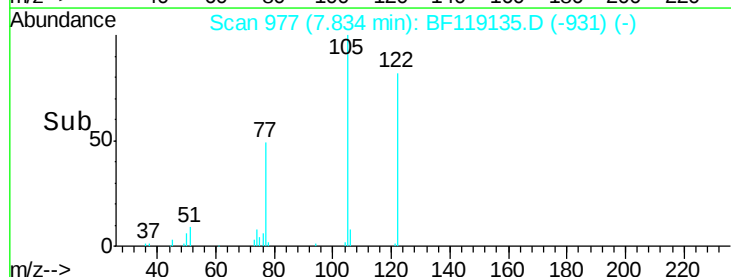
122 100

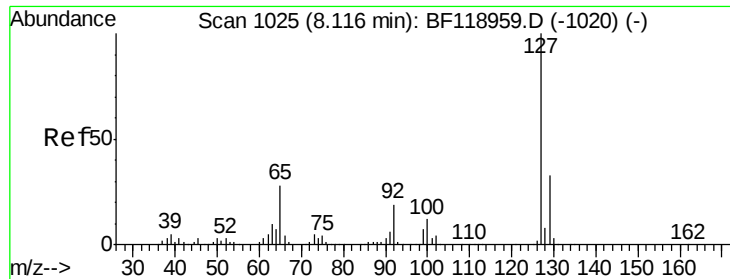
105 123.2 106.3 146.3

77 89.9 73.1 113.1



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

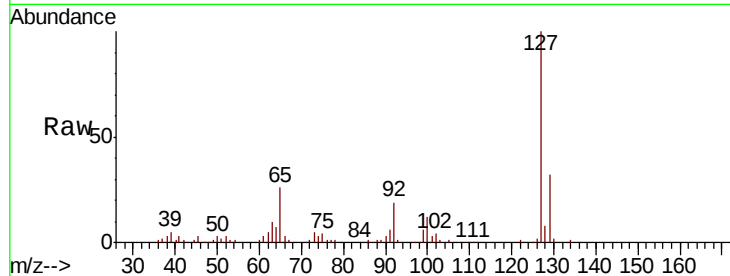




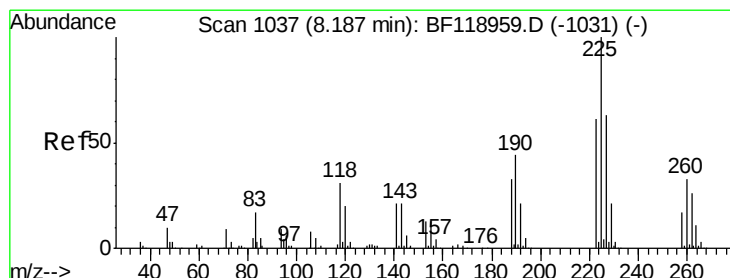
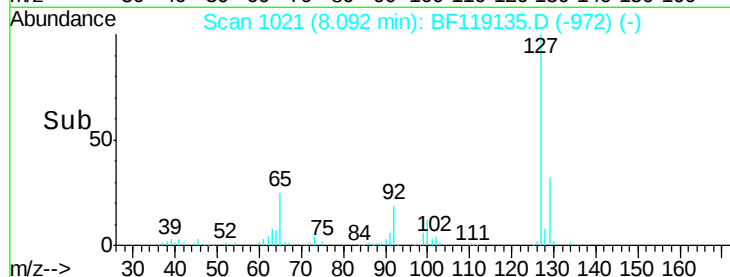
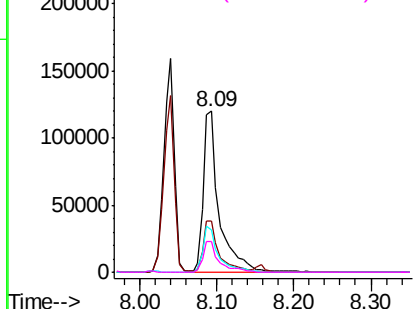
#33  
4-Chloroaniline  
Concen: 17.612 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. -0.01 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Instrument :  
BNA\_F  
ClientSampleId :  
MP-1-COMPMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 173303 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 25.9  | 38.9   |
| 65       | 26.3  | 23.9  | 35.9   |
| 92       | 19.0  | 16.3  | 24.5   |

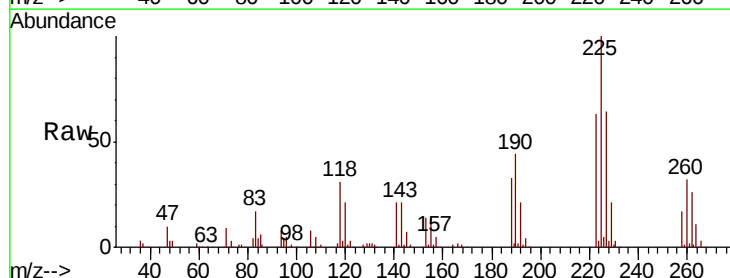


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

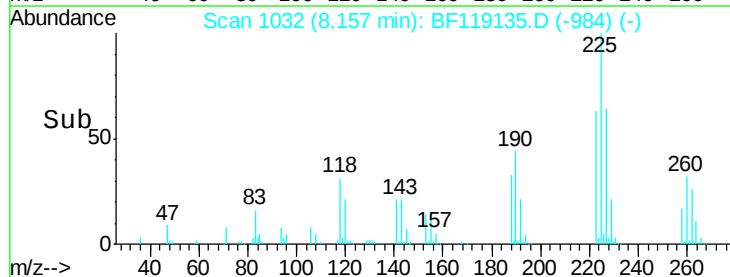
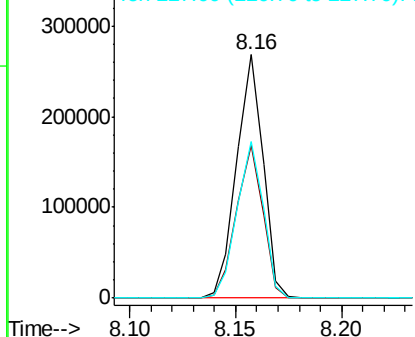


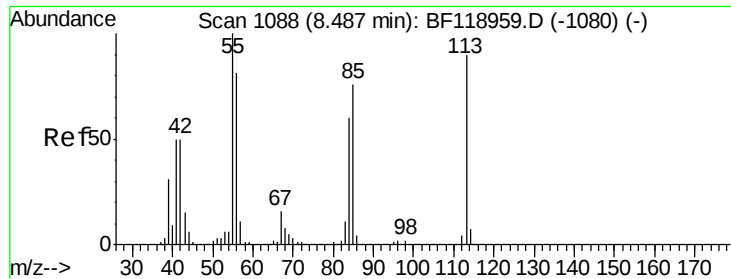
#34  
Hexachlorobutadiene  
Concen: 45.050 ng  
RT: 8.16 min Scan# 1032  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 232715 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.7  | 49.4  | 74.2   |
| 227      | 64.3  | 52.9  | 79.3   |



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





#35

Caprolactam

Concen: 53.160 ng/mL

RT: 8.47 min Scan# 1085

Delta R.T. -0.04 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

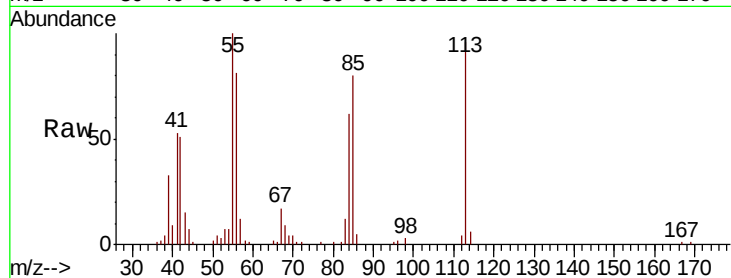
Tot Ion:113 Resp: 114492

Ion Ratio Lower Upper

113 100

55 104.5 95.7 135.7

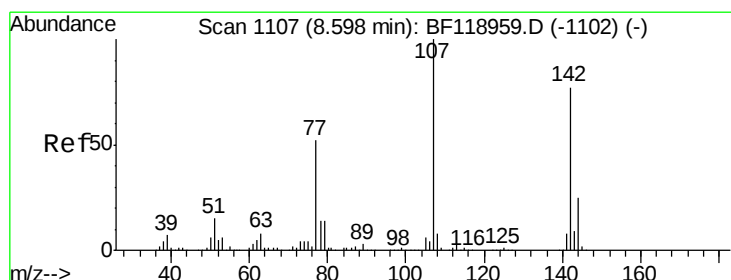
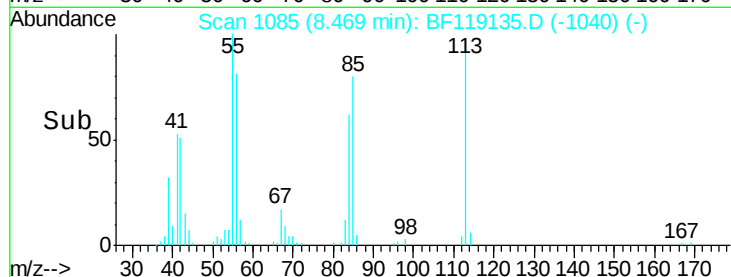
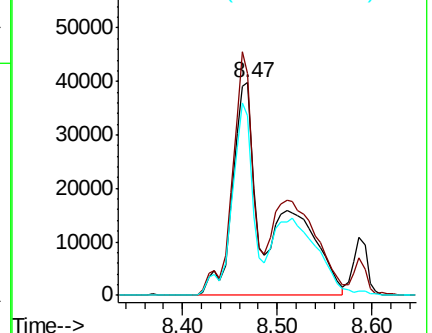
56 84.6 73.1 113.1



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: 51.404 ng/mL

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

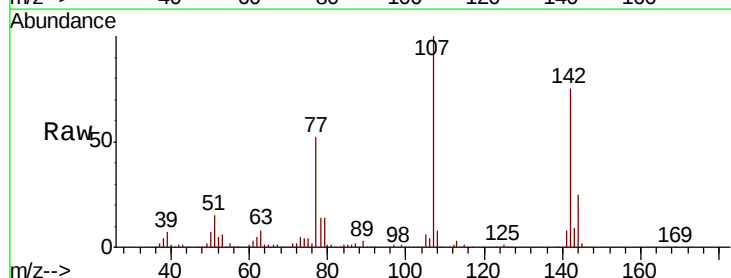
Tgt Ion:107 Resp: 363877

Ion Ratio Lower Upper

107 100

144 24.5 20.1 30.1

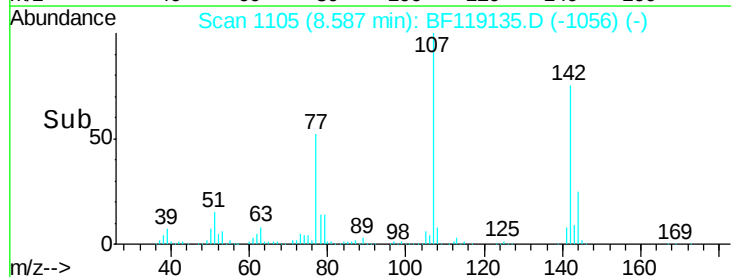
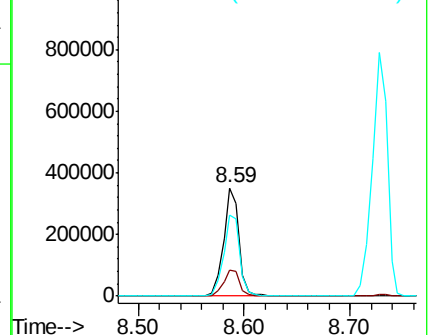
142 75.1 61.4 92.2

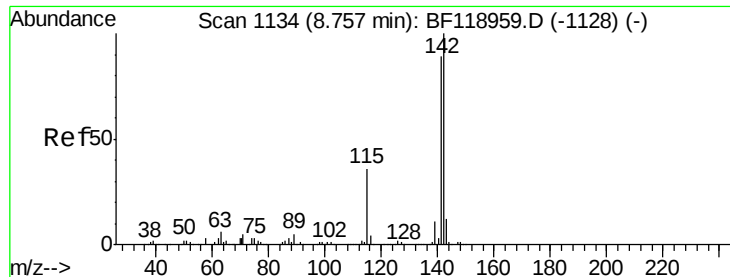


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

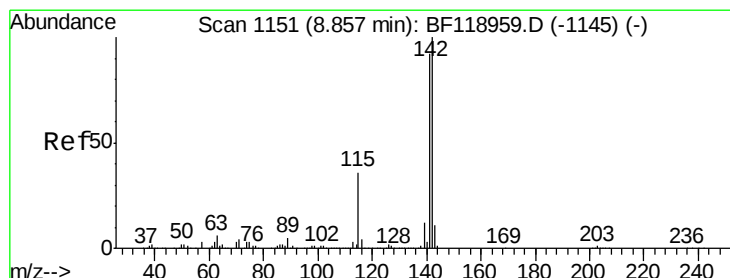
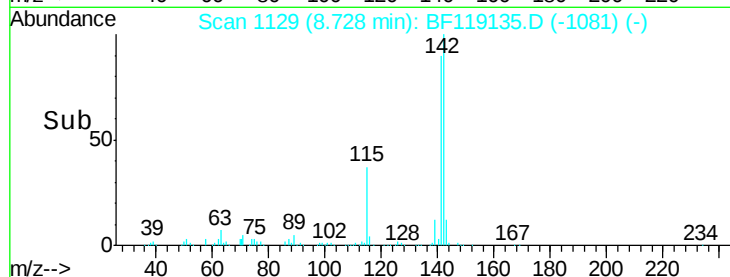
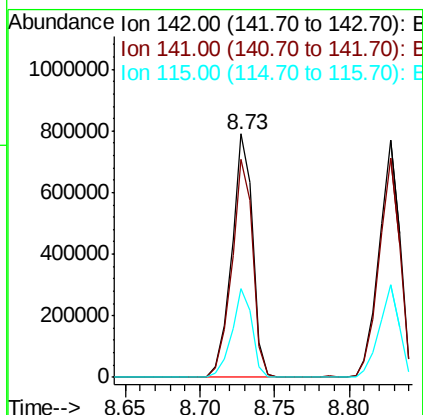
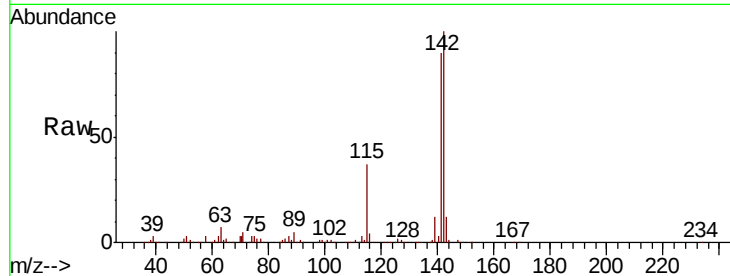




#37  
 2-Methylnaphthalene  
 Concen: 50.588 ng  
 RT: 8.73 min Scan# 1129  
 Delta R.T. -0.02 min  
 Lab File: BF119135.D  
 Acq: 28 Feb 2020 17:09

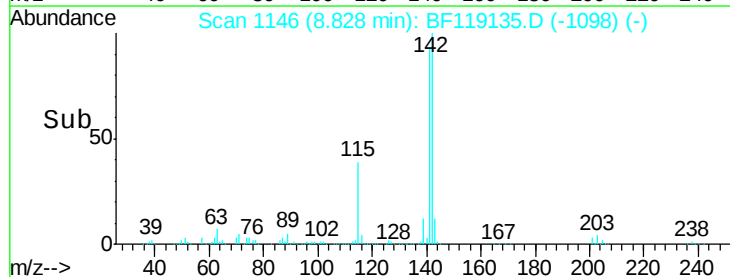
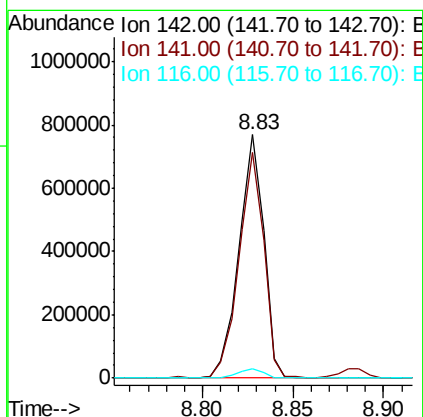
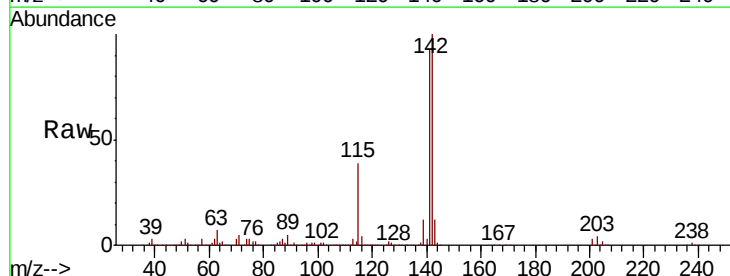
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MP-1-COMPMS

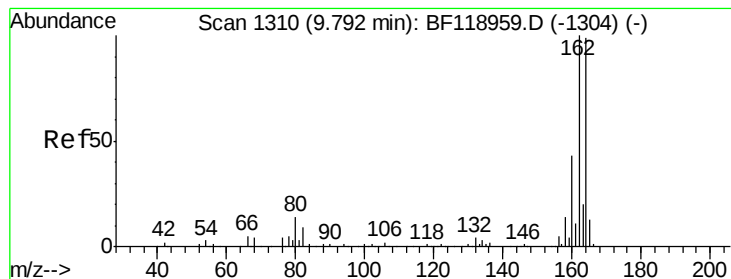
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.6  | 72.3  | 108.5 |
| 115     | 36.6  | 30.6  | 45.8  |



#38  
 1-Methylnaphthalene  
 Concen: 50.642 ng  
 RT: 8.83 min Scan# 1146  
 Delta R.T. -0.02 min  
 Lab File: BF119135.D  
 Acq: 28 Feb 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.6  | 75.8  | 113.6 |
| 116     | 3.9   | 3.1   | 4.7   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

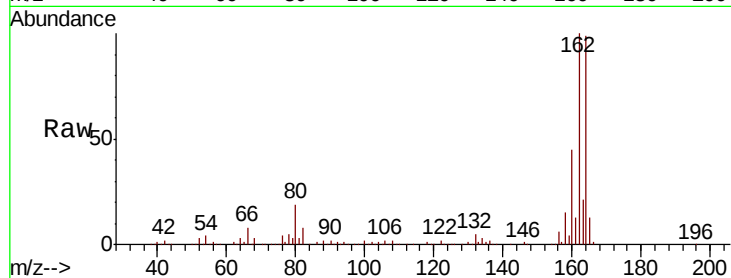
Tot Ion:164 Resp: 253420

Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.8

160 45.3 36.0 54.0

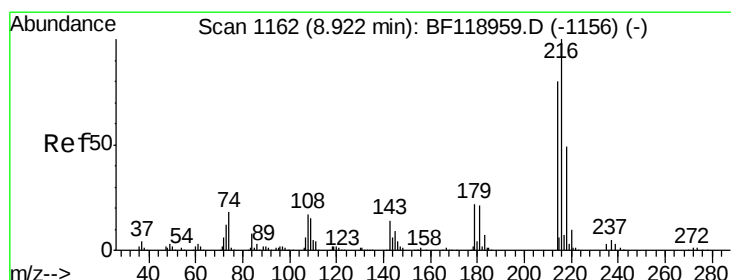
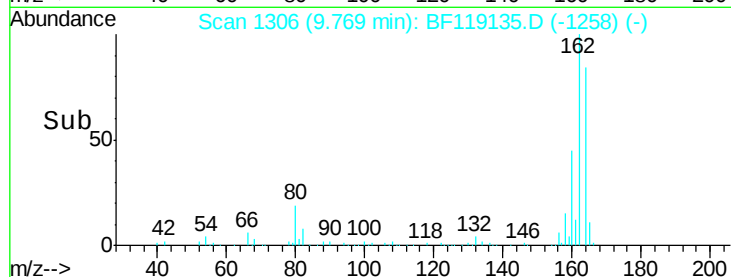
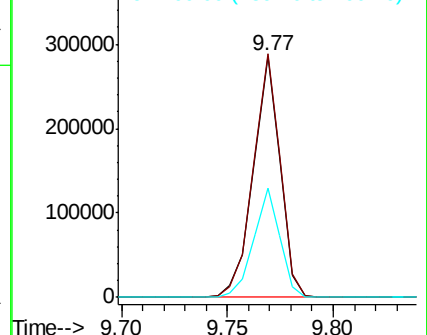


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.121 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Tgt Ion:216 Resp: 385526

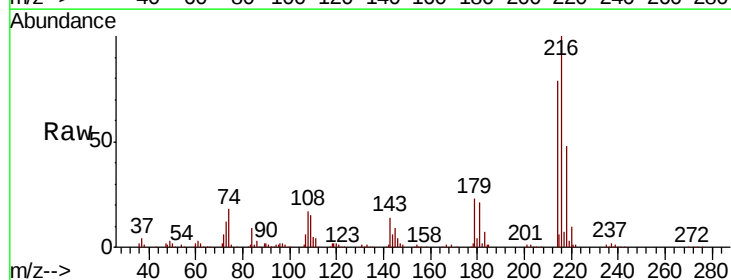
Ion Ratio Lower Upper

216 100

214 79.1 63.3 94.9

179 21.9 17.7 26.5

108 18.5 13.9 20.9



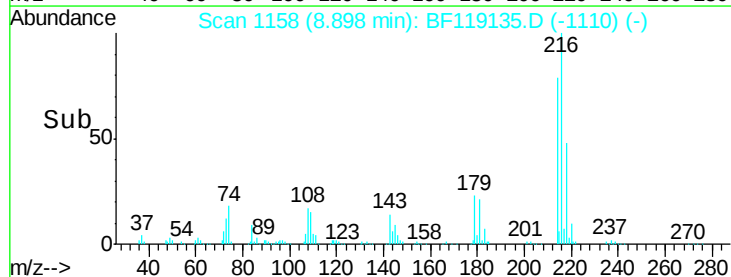
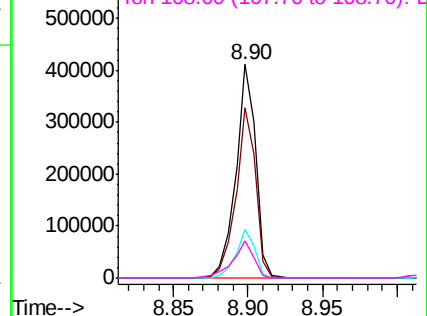
Abundance

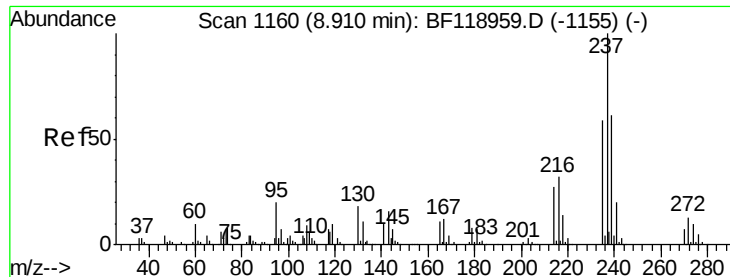
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 80.939 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

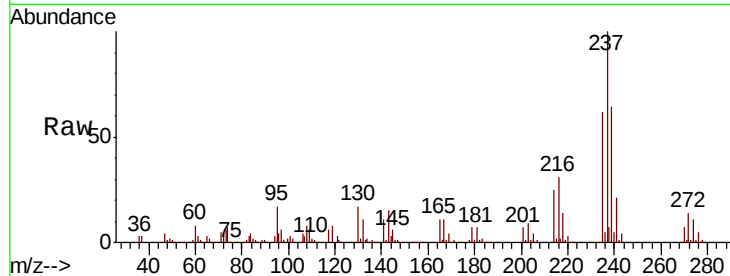
Tot Ion:237 Resp: 252117

Ion Ratio Lower Upper

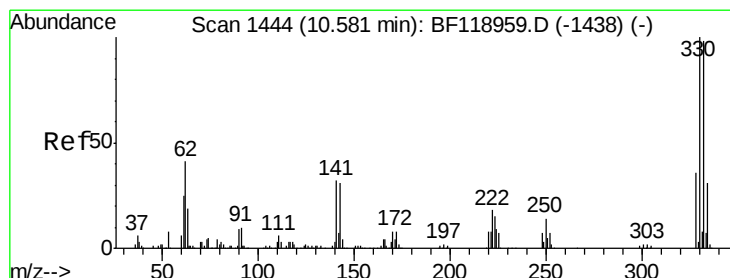
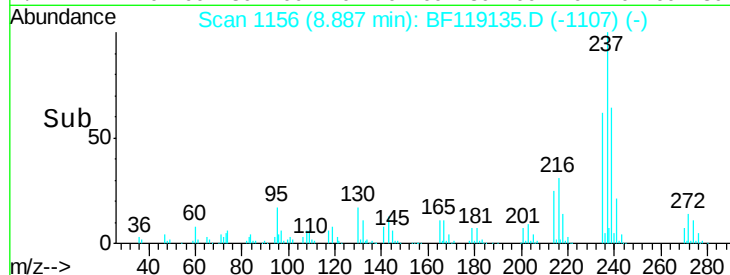
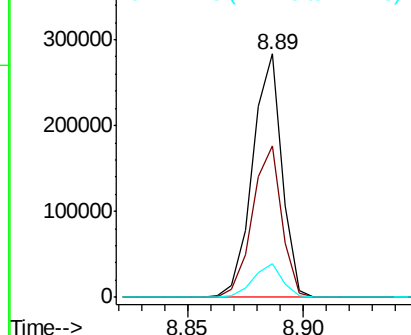
237 100

235 61.9 42.3 82.3

272 13.8 0.0 33.5



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



#42

2,4,6-Tribromophenol

Concen: 126.524 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

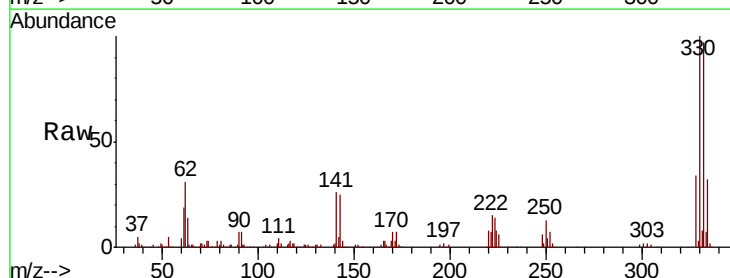
Tgt Ion:330 Resp: 419447

Ion Ratio Lower Upper

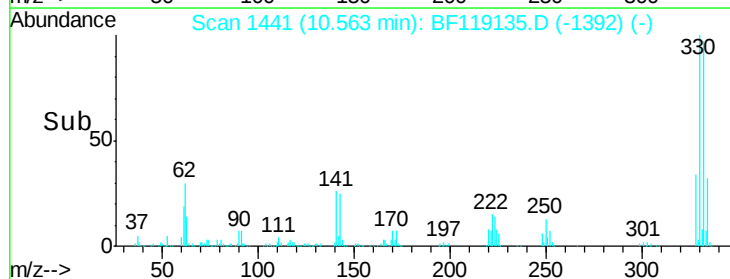
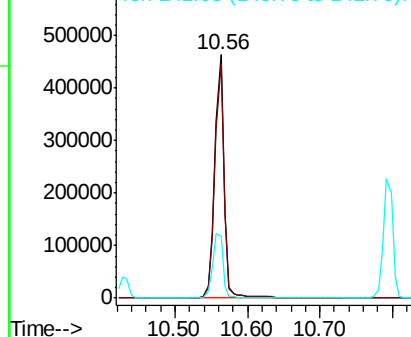
330 100

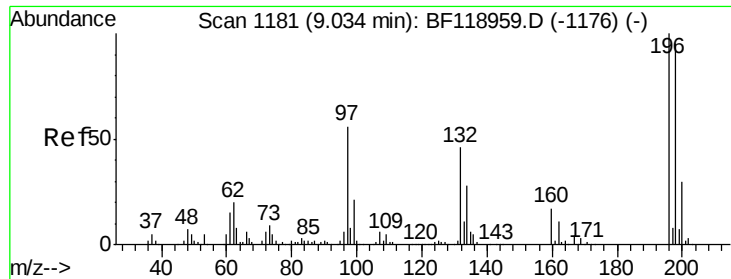
332 96.0 76.0 114.0

141 29.2 22.9 34.3



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

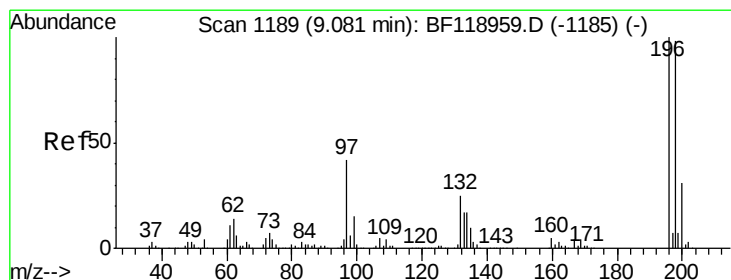
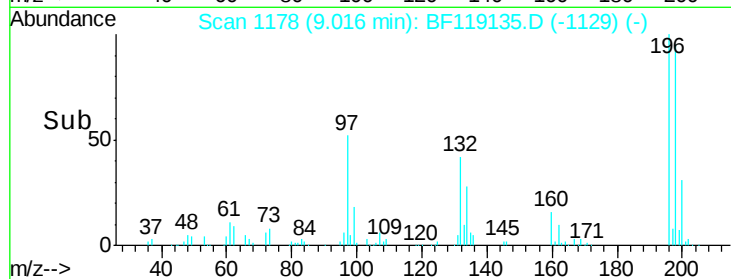
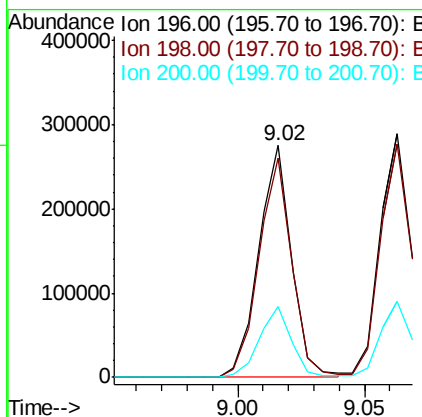
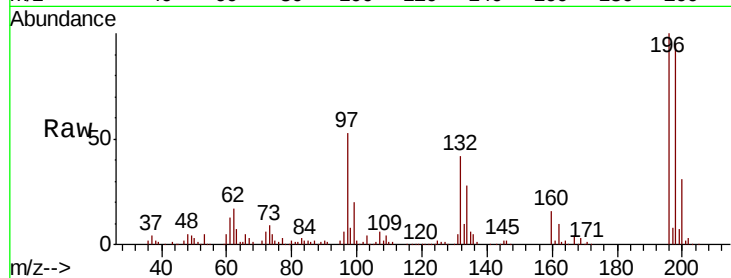




#43  
 2,4,6-Trichlorophenol  
 Concen: 46.239 ng  
 RT: 9.02 min Scan# 1178  
 Delta R.T. -0.01 min  
 Lab File: BF119135.D  
 Acq: 28 Feb 2020 17:09

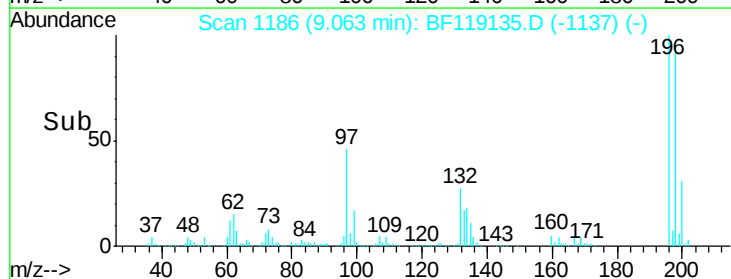
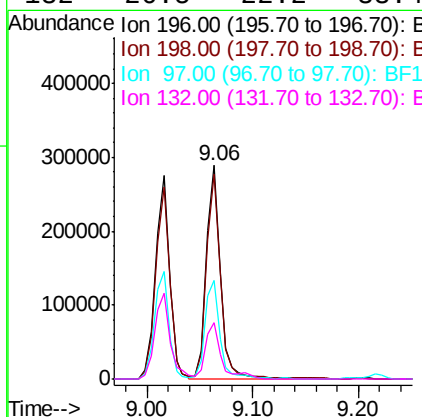
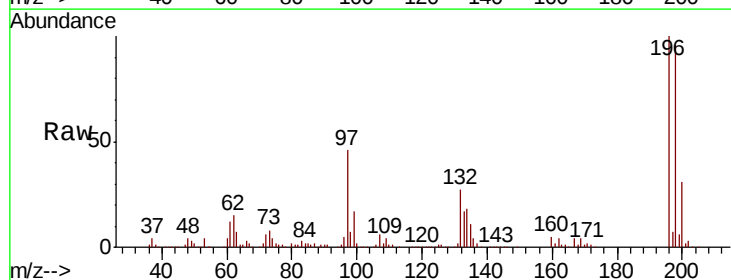
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MP-1-COMPMS

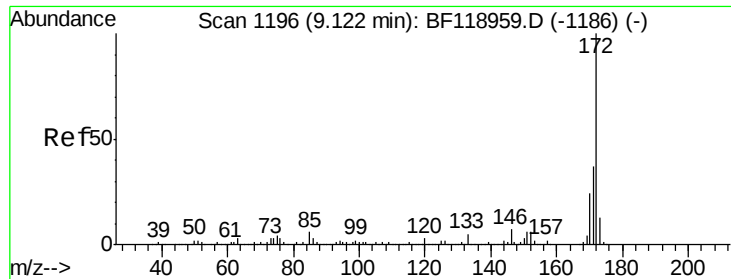
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.5  | 77.1  | 115.7 |
| 200     | 30.8  | 25.0  | 37.6  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 47.308 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. -0.01 min  
 Lab File: BF119135.D  
 Acq: 28 Feb 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.8  | 76.8  | 115.2 |
| 97      | 46.2  | 38.5  | 57.7  |
| 132     | 26.5  | 22.2  | 33.4  |

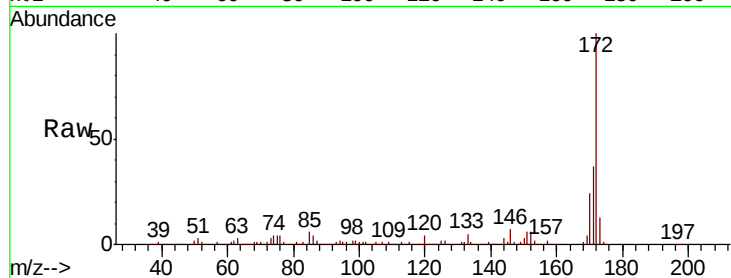




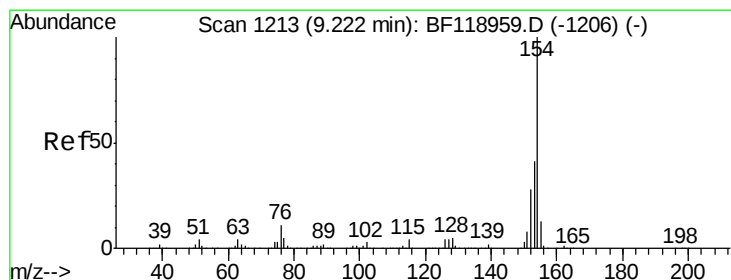
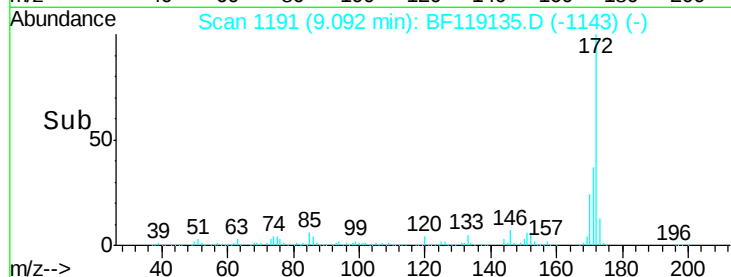
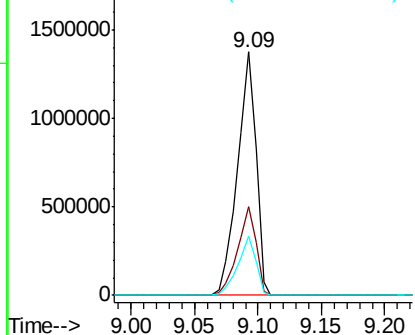
#45  
2-Fluorobiphenyl  
Concen: 80.196 ng  
RT: 9.09 min Scan# 1191  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Instrument :  
BNA\_F  
ClientSampleId :  
MP-1-COMPMS

Tot Ion:172 Resp: 1379564  
Ion Ratio Lower Upper  
172 100  
171 36.6 30.6 45.8  
170 24.3 20.2 30.2

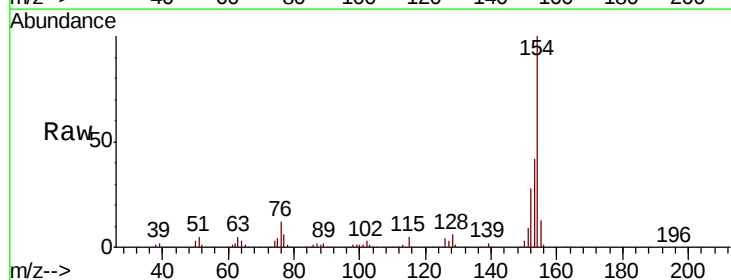


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

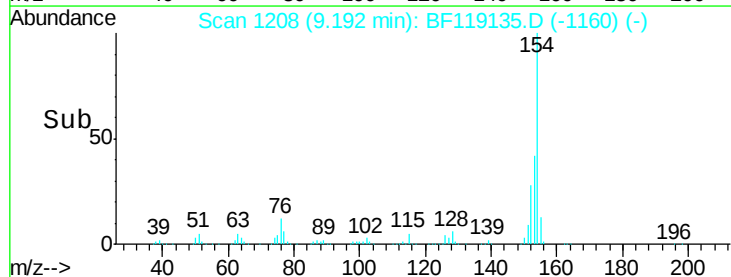
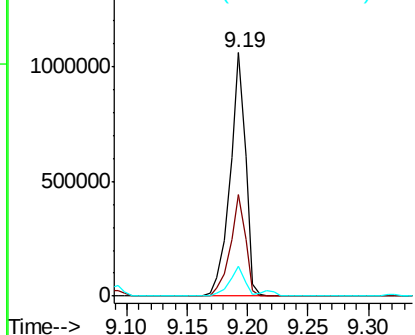


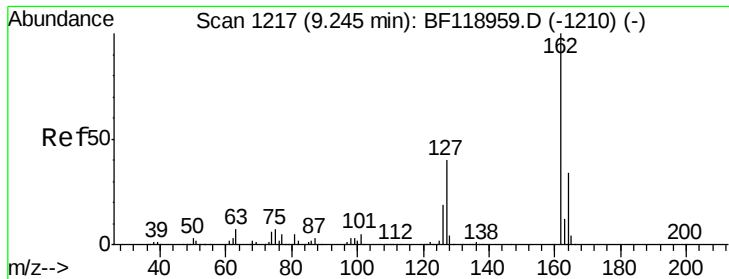
#46  
1,1'-Biphenyl  
Concen: 46.182 ng  
RT: 9.19 min Scan# 1208  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Tgt Ion:154 Resp: 945884  
Ion Ratio Lower Upper  
154 100  
153 41.9 22.8 62.8  
76 12.3 0.0 32.2



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

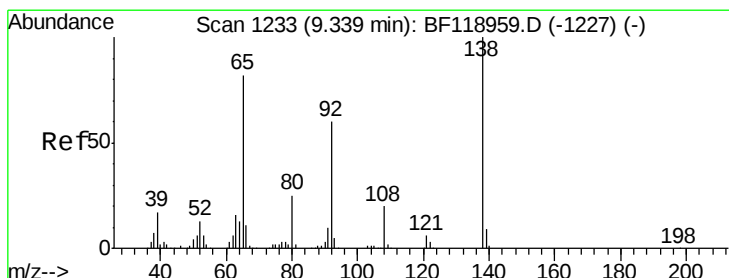
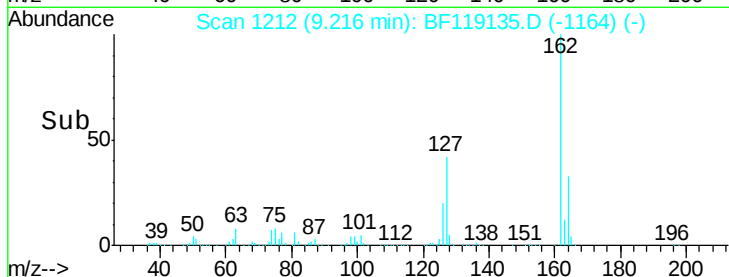
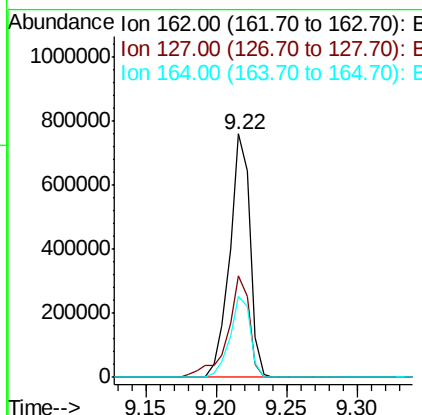
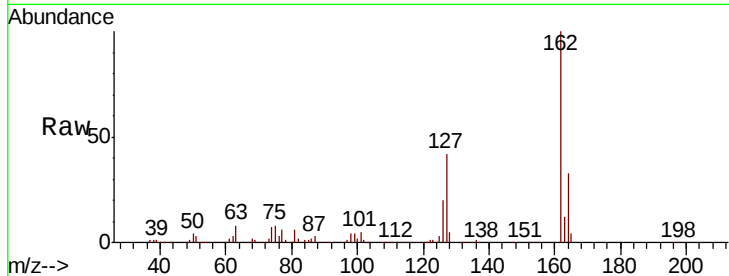




#47  
 2-Chloronaphthalene  
 Concen: 45.979 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. -0.02 min  
 Lab File: BF119135.D  
 Acq: 28 Feb 2020 17:09

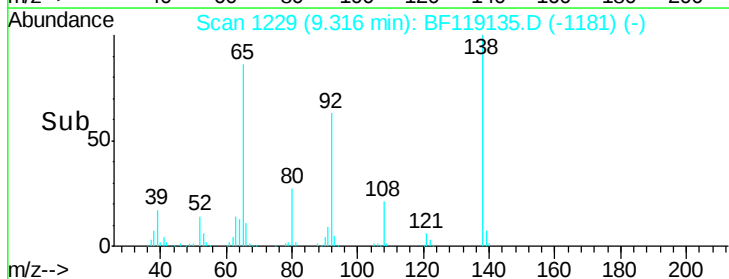
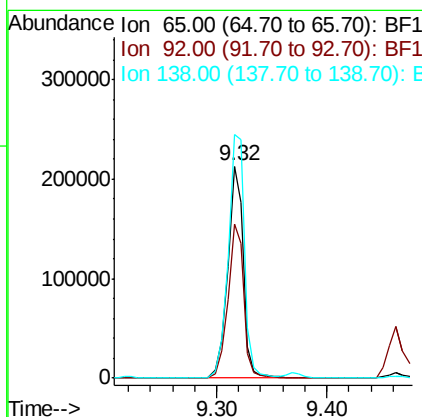
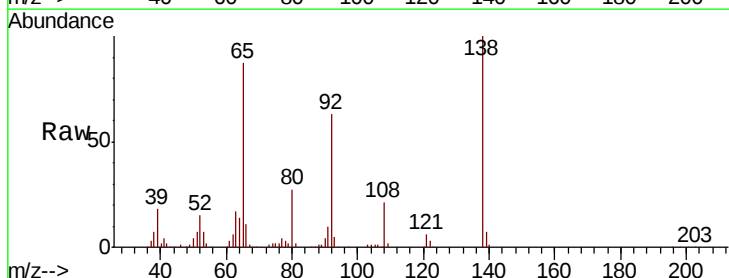
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MP-1-COMPMS

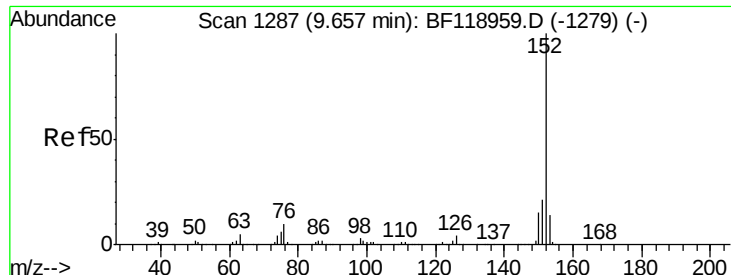
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.8  | 35.0  | 52.4  |
| 164     | 33.3  | 27.2  | 40.8  |



#48  
 2-Nitroaniline  
 Concen: 46.204 ng  
 RT: 9.32 min Scan# 1229  
 Delta R.T. -0.02 min  
 Lab File: BF119135.D  
 Acq: 28 Feb 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 72.7  | 58.2  | 87.2  |
| 138     | 114.7 | 95.6  | 143.4 |





#49

Acenaphthylene

Concen: 49.167 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

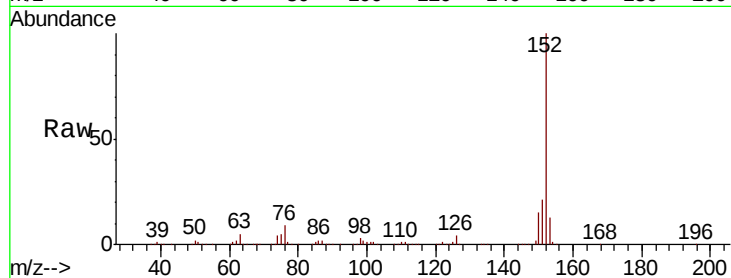
BNA\_F

ClientSampleId :

MP-1-COMPMS

Tot Ion:152 Resp: 1172060

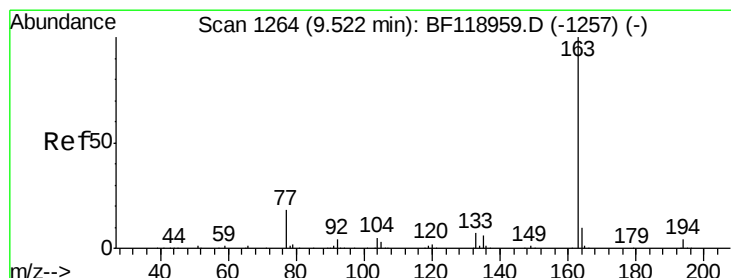
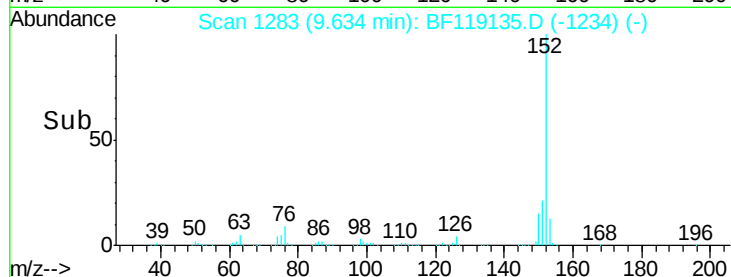
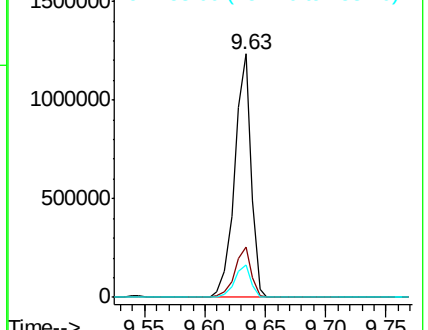
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.7  | 16.9  | 25.3  |
| 153 | 13.3  | 11.0  | 16.6  |



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 58.000 ng

RT: 9.50 min Scan# 1260

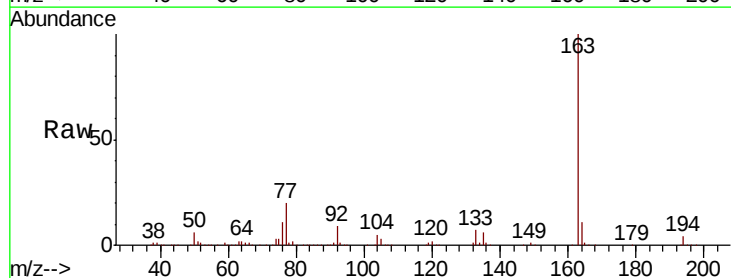
Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Tgt Ion:163 Resp: 1123961

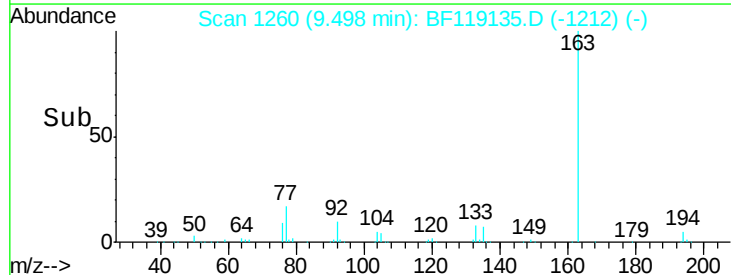
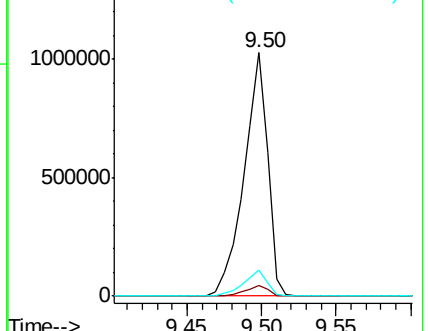
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.4   | 3.5   | 5.3   |
| 164 | 10.5  | 8.4   | 12.6  |



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

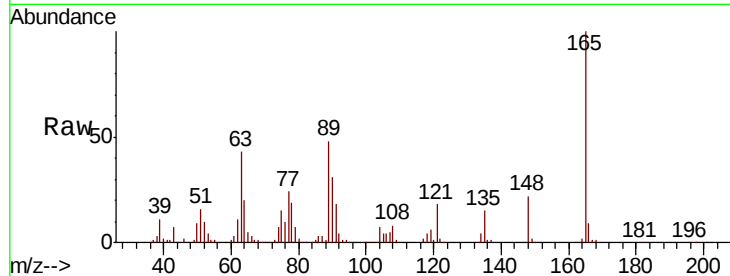




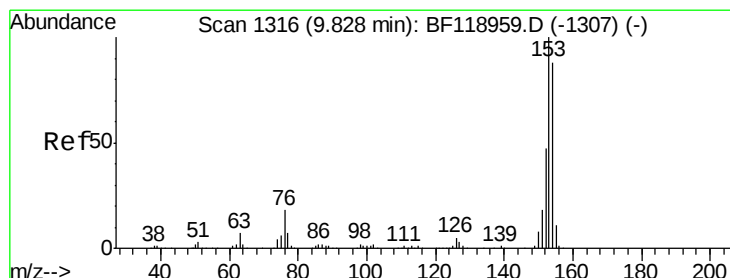
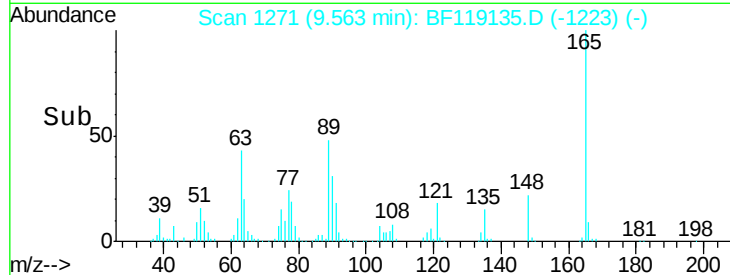
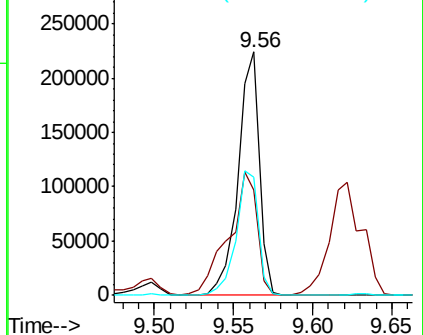
#51  
2,6-Dinitrotoluene  
Concen: 48.448 ng  
RT: 9.56 min Scan# 1271  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Instrument :  
BNA\_F  
ClientSampleId :  
MP-1-COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.4  | 34.3  | 51.5  |
| 89      | 48.5  | 38.3  | 57.5  |

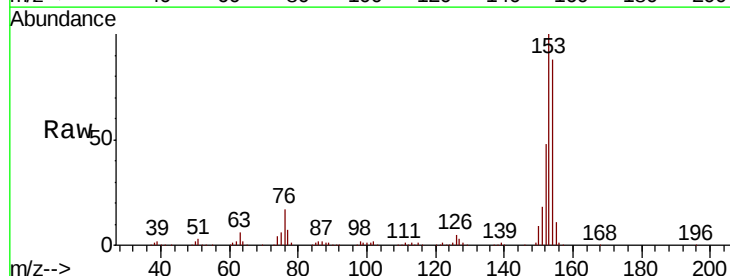


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

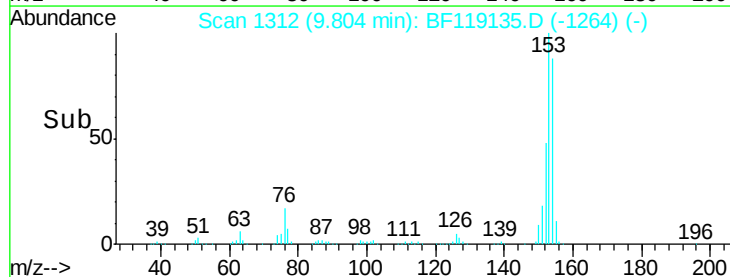
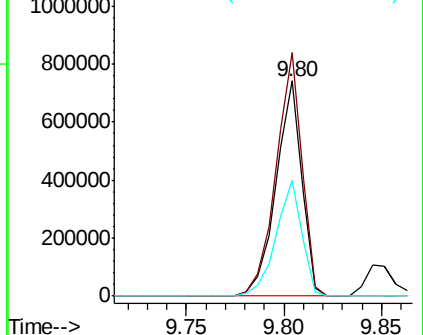


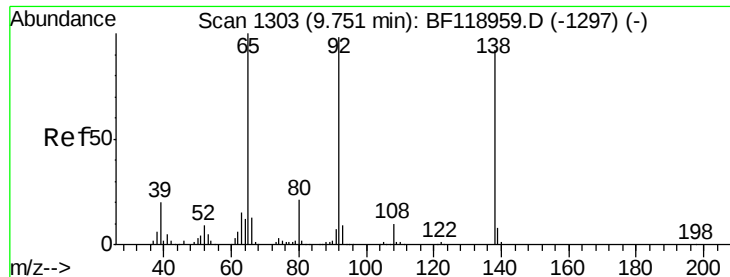
#52  
Acenaphthene  
Concen: 47.339 ng  
RT: 9.80 min Scan# 1312  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.2 | 90.3  | 135.5 |
| 152     | 53.8  | 43.8  | 65.8  |



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

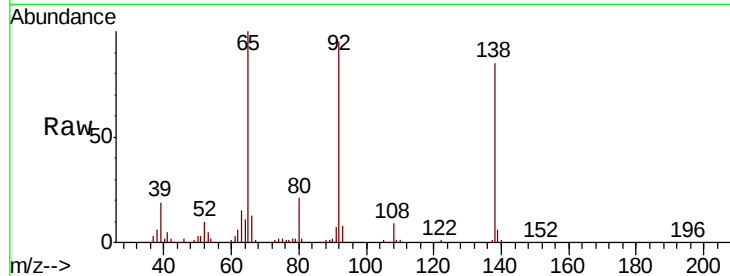




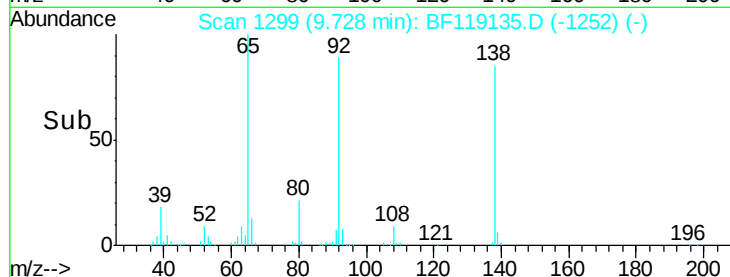
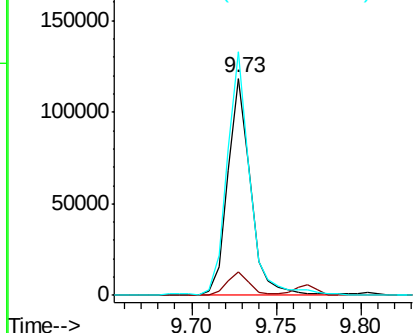
#53  
3-Nitroaniline  
Concen: 23.246 ng  
RT: 9.73 min Scan# 1299  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Instrument :  
BNA\_F  
ClientSampleId :  
MP-1-COMPMS

Tot Ion:138 Resp: 110954  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.8 13.2  
92 112.1 84.8 127.2

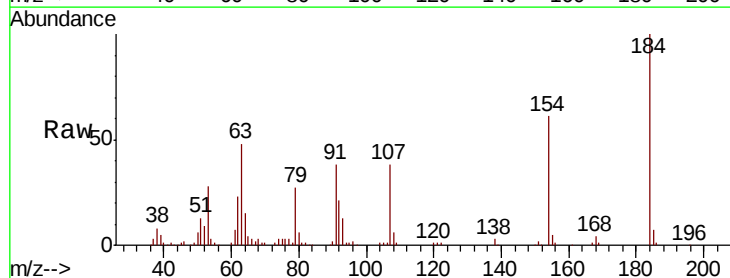


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

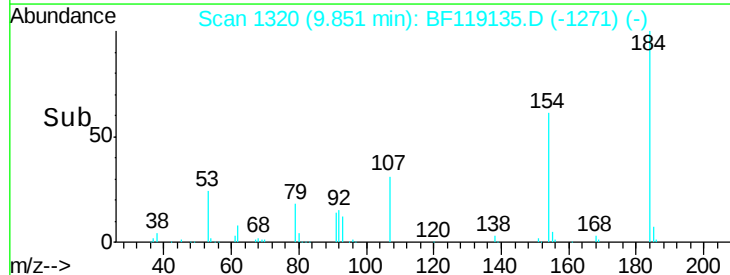
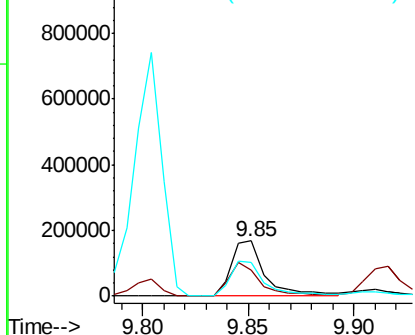


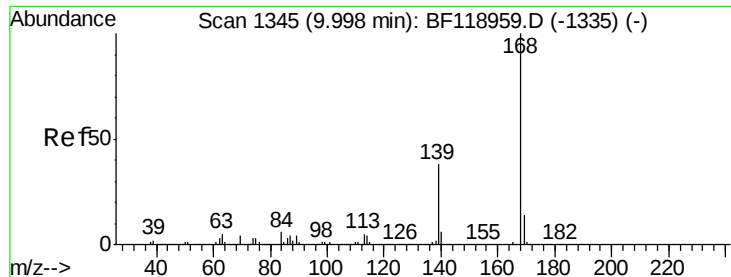
#54  
2,4-Dinitrophenol  
Concen: 89.506 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. -0.01 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Tgt Ion:184 Resp: 189342  
Ion Ratio Lower Upper  
184 100  
63 48.0 38.7 58.1  
154 60.7 49.7 74.5



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

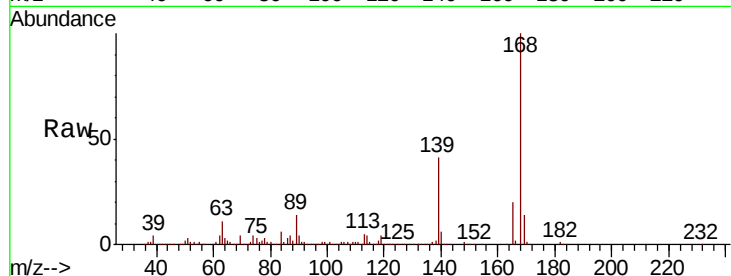




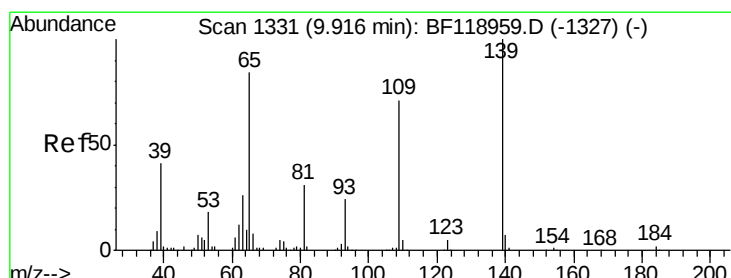
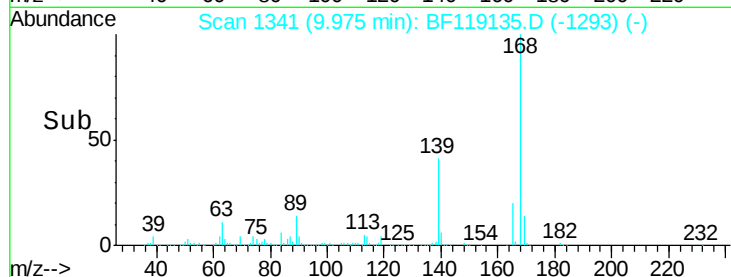
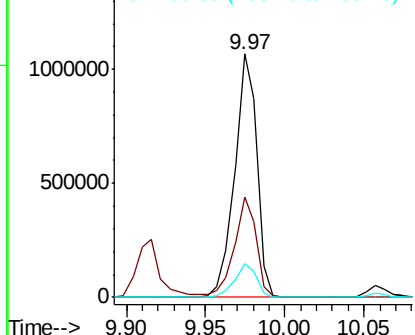
#55  
Dibenzofuran  
Concen: 48.256 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Instrument :  
BNA\_F  
ClientSampleId :  
MP-1-COMPMS

Tot Ion:168 Resp: 1035307  
Ion Ratio Lower Upper  
168 100  
139 41.3 34.0 51.0  
169 14.0 11.0 16.4

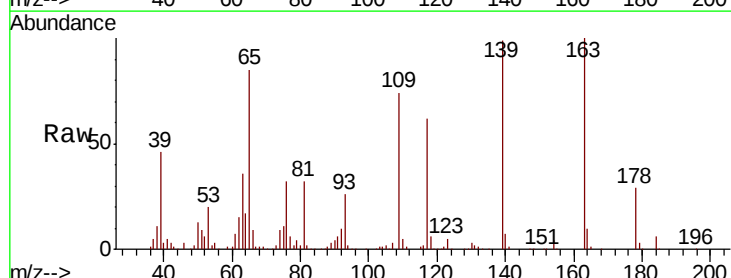


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

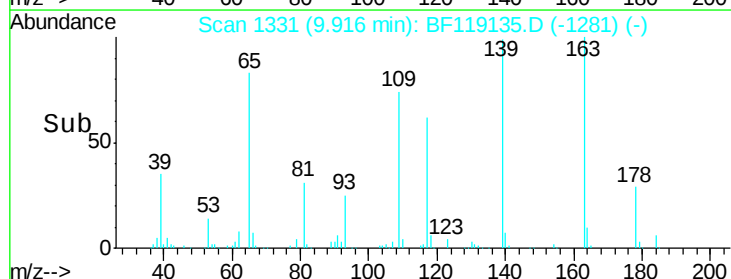
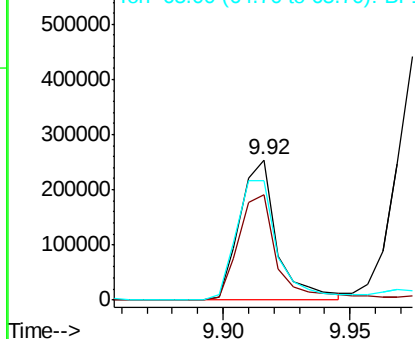


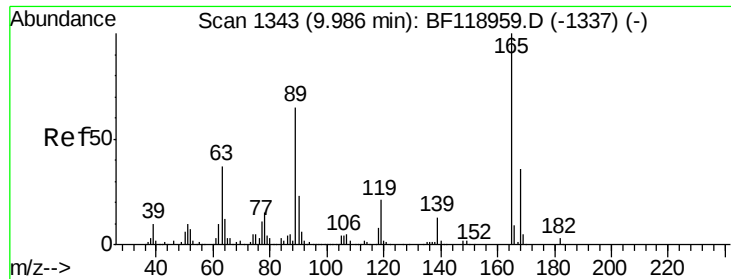
#56  
4-Nitrophenol  
Concen: 90.748 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. -0.01 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Tgt Ion:139 Resp: 260240  
Ion Ratio Lower Upper  
139 100  
109 74.9 56.7 96.7  
65 85.5 65.0 105.0



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

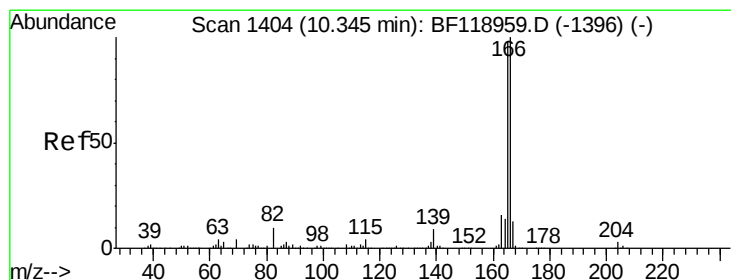
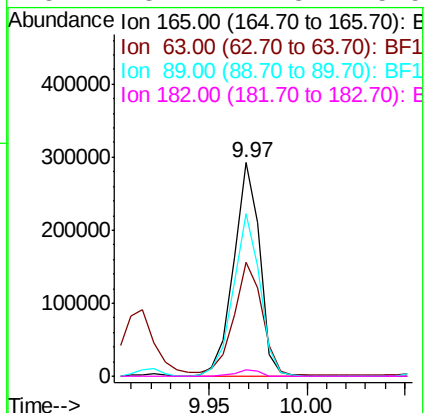
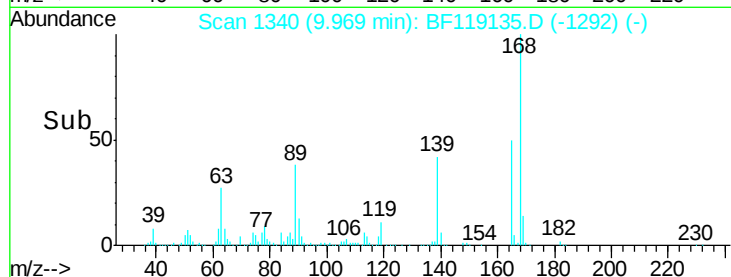
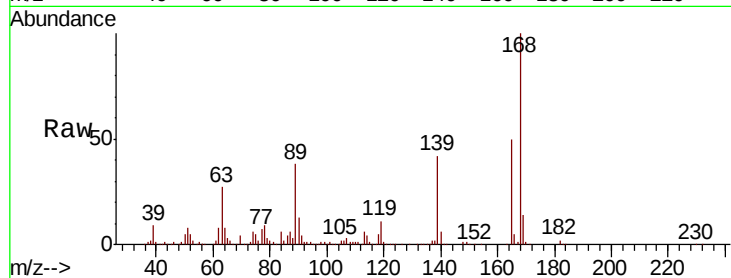




#57  
2,4-Dinitrotoluene  
Concen: 48.602 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

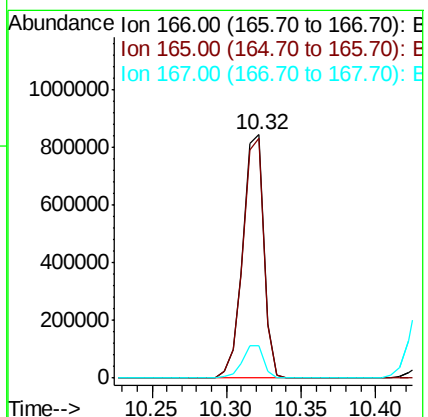
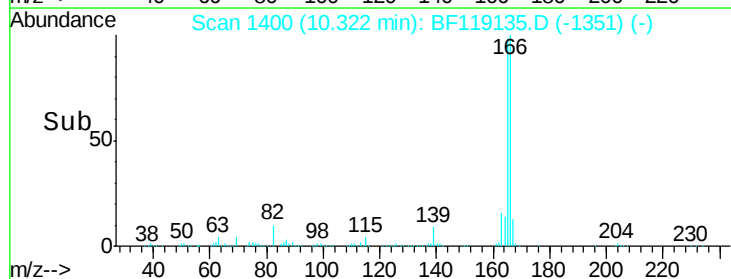
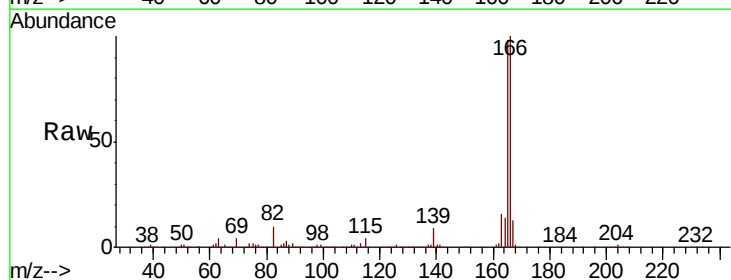
Instrument :  
BNA\_F  
ClientSampleId :  
MP-1-COMPMS

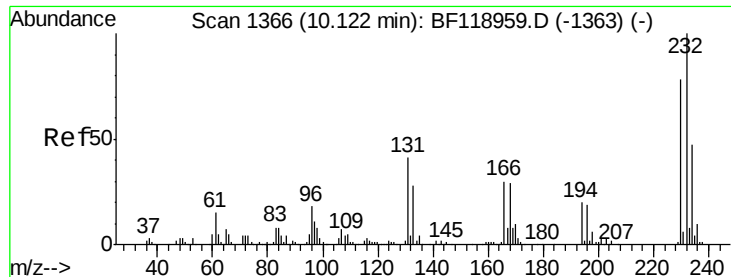
Tot Ion:165 Resp: 271225  
Ion Ratio Lower Upper  
165 100  
63 53.3 42.3 63.5  
89 76.2 60.2 90.4  
182 3.1 2.3 3.5



#58  
Fluorene  
Concen: 49.837 ng  
RT: 10.32 min Scan# 1400  
Delta R.T. -0.01 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Tgt Ion:166 Resp: 830847  
Ion Ratio Lower Upper  
166 100  
165 98.4 78.5 117.7  
167 13.1 11.0 16.4

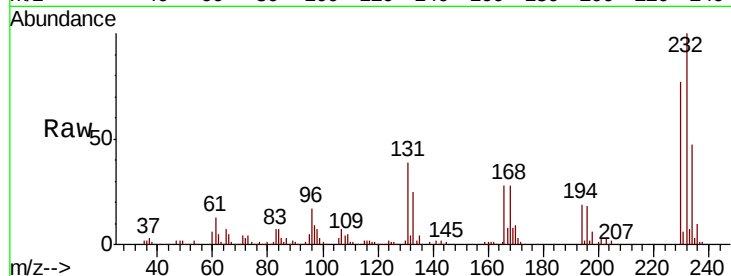




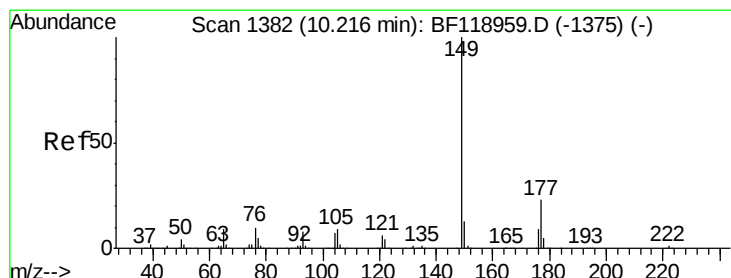
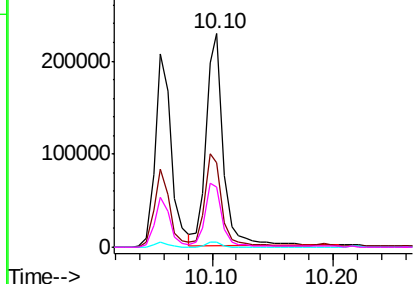
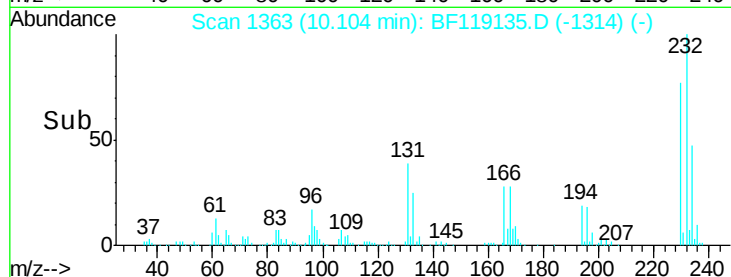
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.385 ng  
 RT: 10.10 min Scan# 1363  
 Delta R.T. -0.01 min  
 Lab File: BF119135.D  
 Acq: 28 Feb 2020 17:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MP-1-COMPMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 226382 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 42.8  | 33.8  | 50.8   |
| 130      | 2.4   | 1.8   | 2.6    |
| 166      | 29.2  | 23.0  | 34.4   |

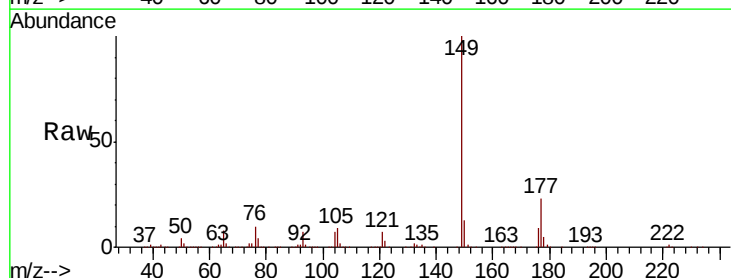


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

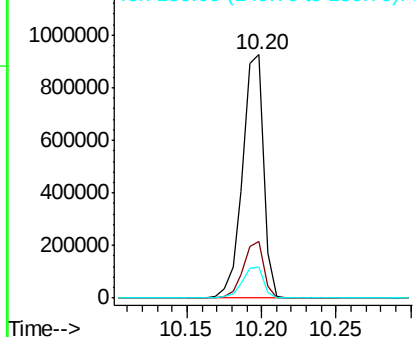
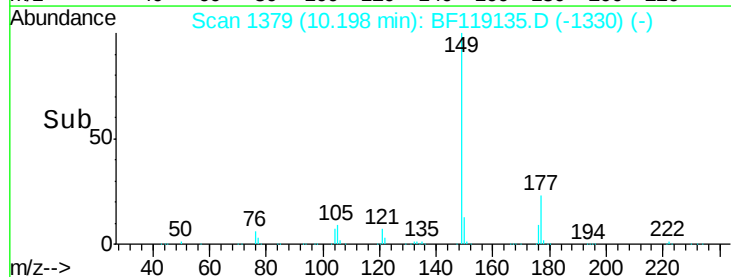


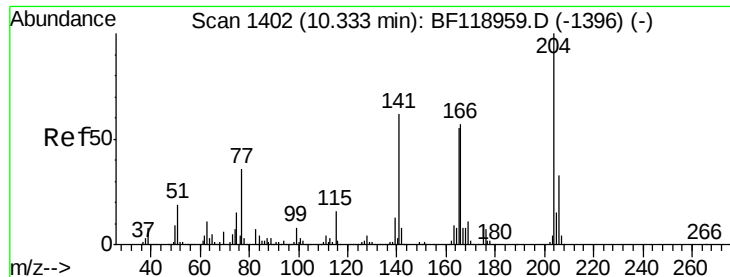
#60  
 Diethylphthalate  
 Concen: 49.677 ng  
 RT: 10.20 min Scan# 1379  
 Delta R.T. -0.01 min  
 Lab File: BF119135.D  
 Acq: 28 Feb 2020 17:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 907197 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.4  | 18.2  | 27.2   |
| 150      | 12.7  | 10.5  | 15.7   |



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

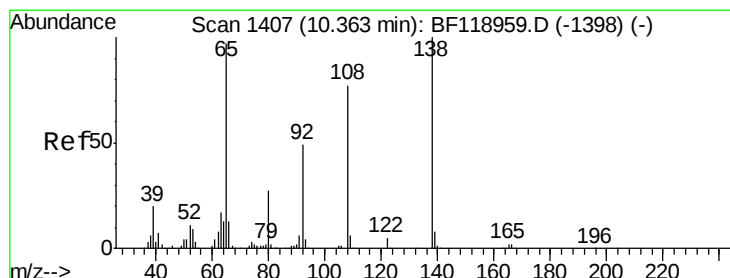
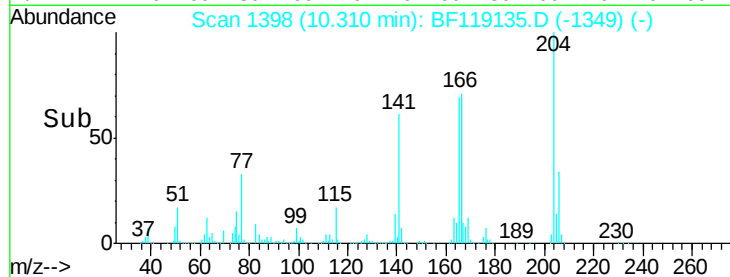
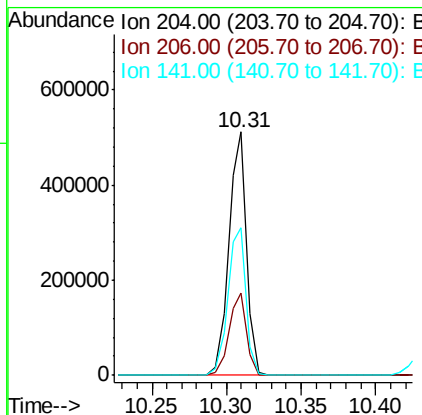
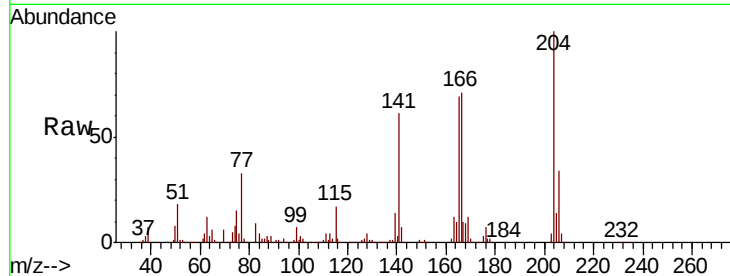




#61  
4-Chlorophenyl-phenylether  
Concen: 48.909 ng  
RT: 10.31 min Scan# 1398  
Delta R.T. -0.01 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

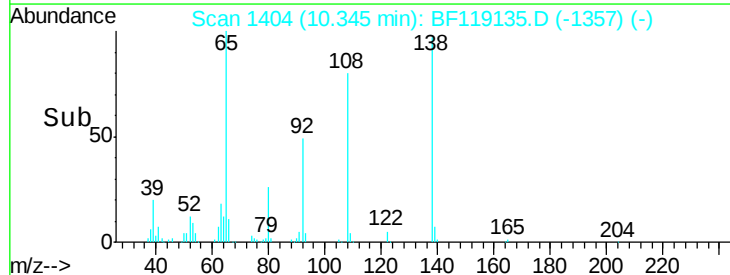
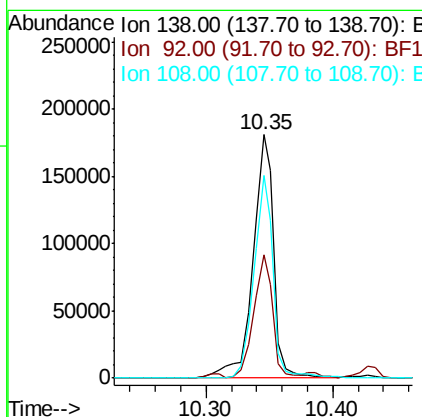
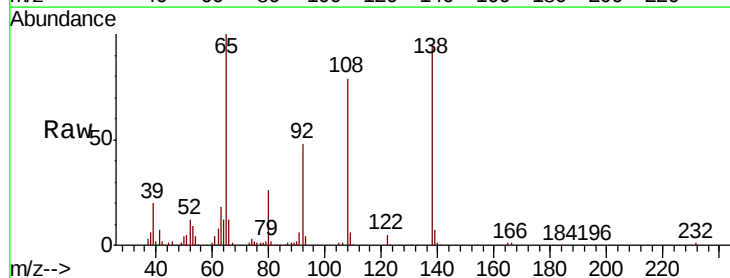
Instrument :  
BNA\_F  
ClientSampleId :  
MP-1-COMPMS

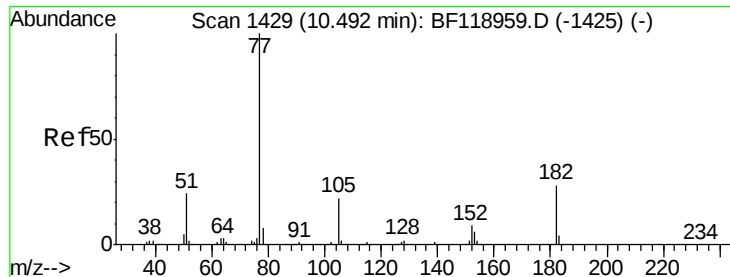
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.0  | 27.1  | 40.7  |
| 141     | 60.8  | 52.9  | 79.3  |



#62  
4-Nitroaniline  
Concen: 42.826 ng  
RT: 10.35 min Scan# 1404  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.7  | 27.3  | 67.3  |
| 108     | 83.3  | 57.0  | 97.0  |





#63

Azobenzene

Concen: 50.754 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

Tot Ion: 77 Resp: 805648

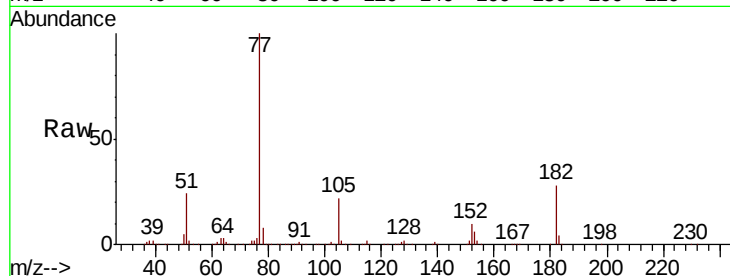
Ion Ratio Lower Upper

77 100

182 28.3 11.4 51.4

105 22.5 3.4 43.4

51 24.3 5.1 45.1

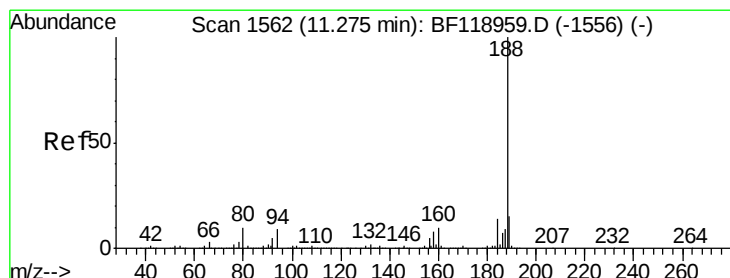
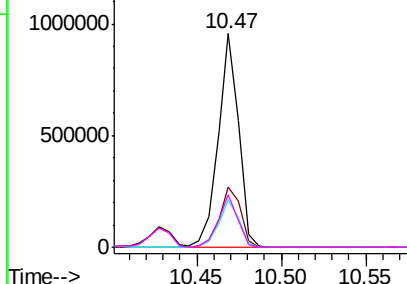
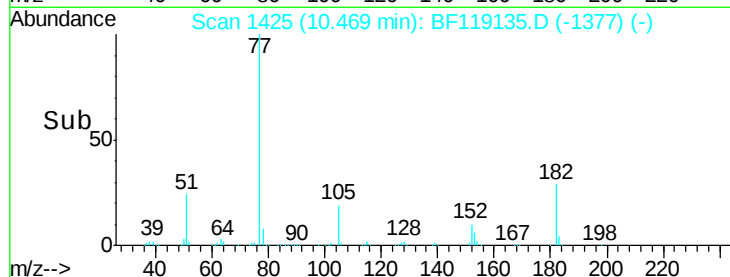


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

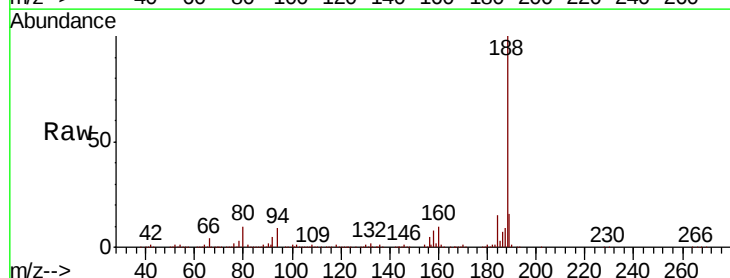
Tgt Ion: 188 Resp: 481395

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

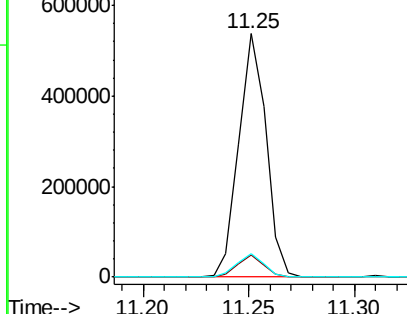
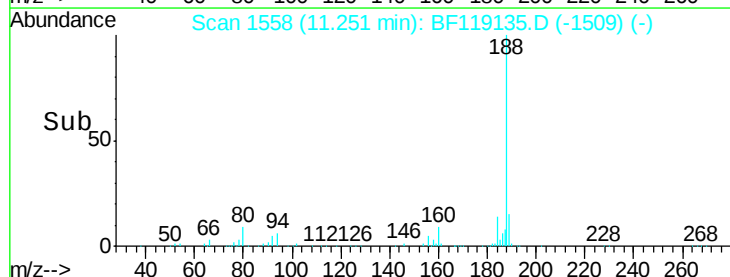
80 9.5 7.8 11.8

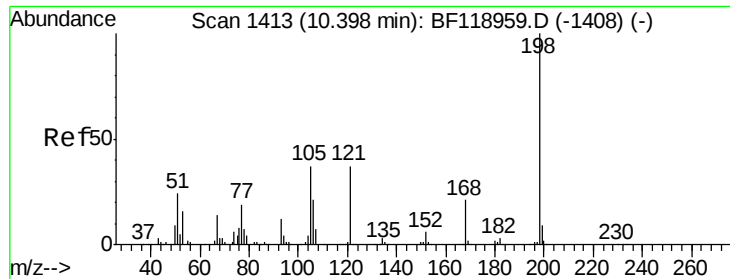


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 54.113 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

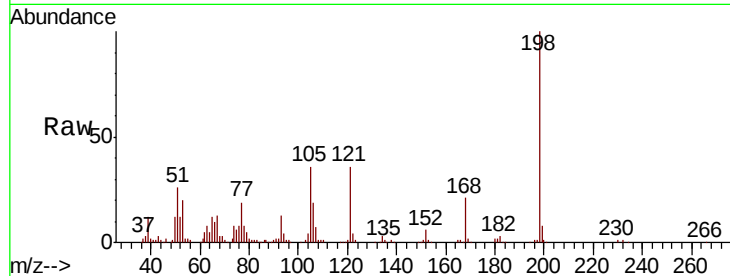
Tot Ion:198 Resp: 157631

Ion Ratio Lower Upper

198 100

51 26.3 14.2 54.2

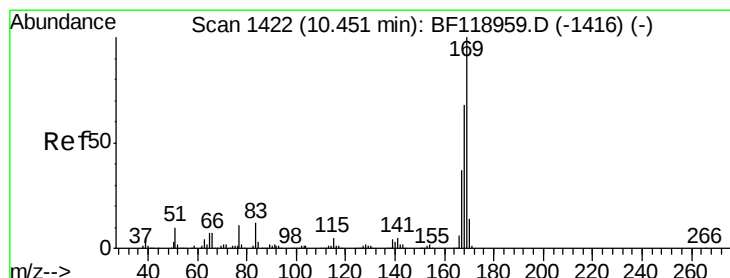
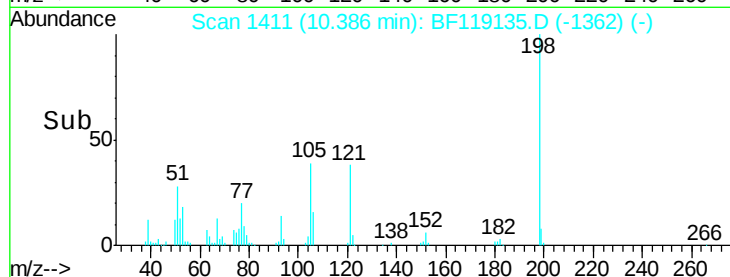
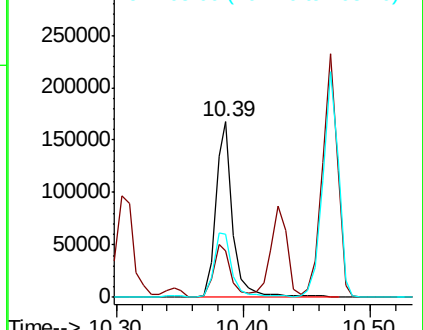
105 36.2 22.7 62.7



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: 48.250 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

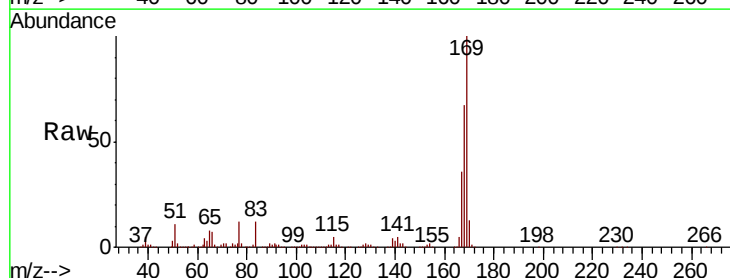
Tgt Ion:169 Resp: 760544

Ion Ratio Lower Upper

169 100

168 67.1 54.1 81.1

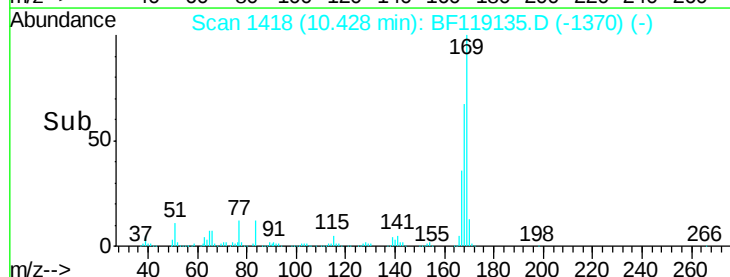
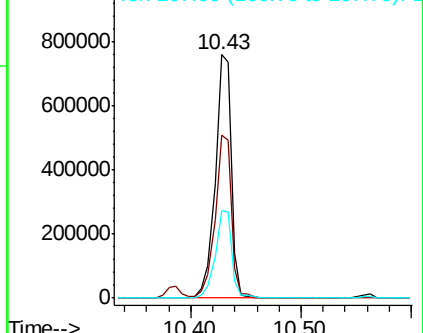
167 36.2 29.4 44.0

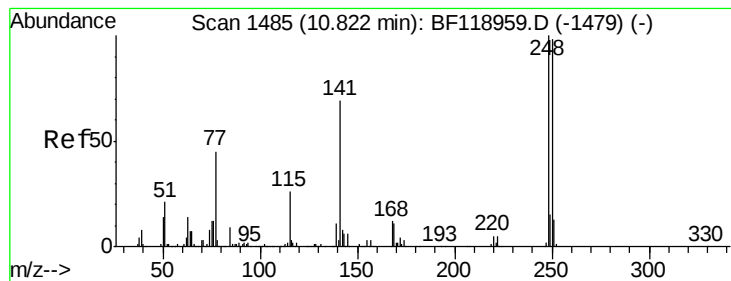


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 46.450 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

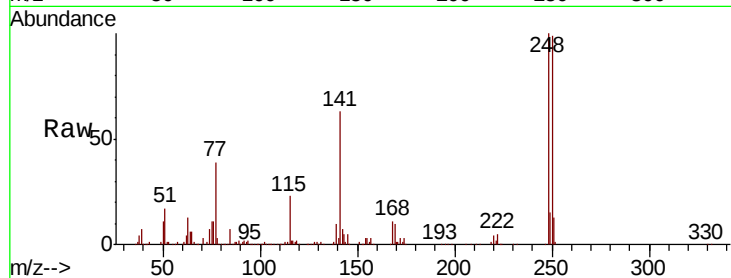
Tot Ion:248 Resp: 292286

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 98.8  | 76.7  | 115.1 |
| 141 | 62.5  | 60.7  | 91.1  |

248 100

250 98.8 76.7 115.1

141 62.5 60.7 91.1

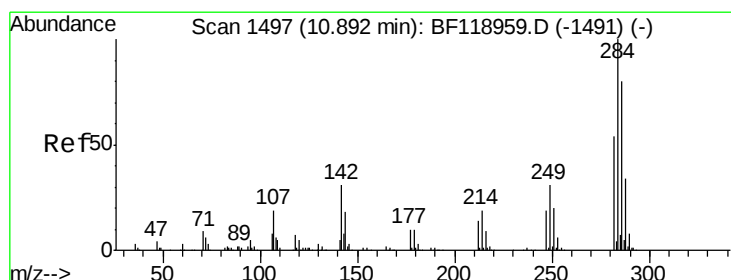
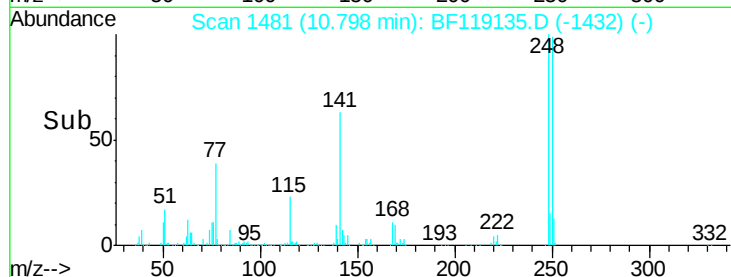
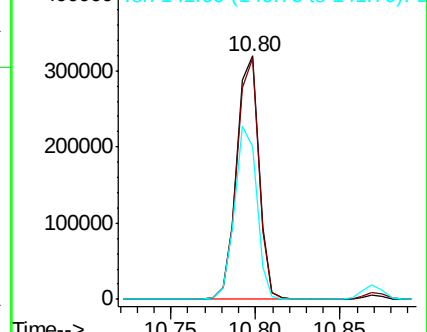


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 44.995 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

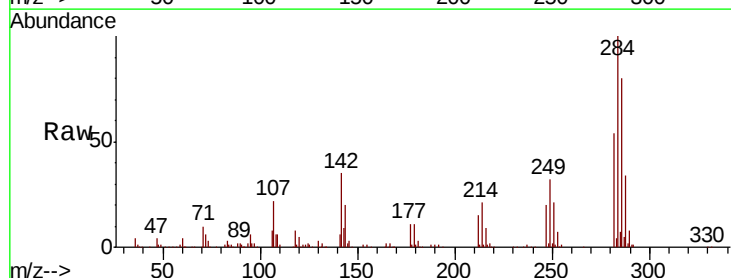
Tgt Ion:284 Resp: 326433

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 284 | 100   |       |       |
| 142 | 34.6  | 23.7  | 35.5  |
| 249 | 32.4  | 25.0  | 37.6  |

284 100

142 34.6 23.7 35.5

249 32.4 25.0 37.6

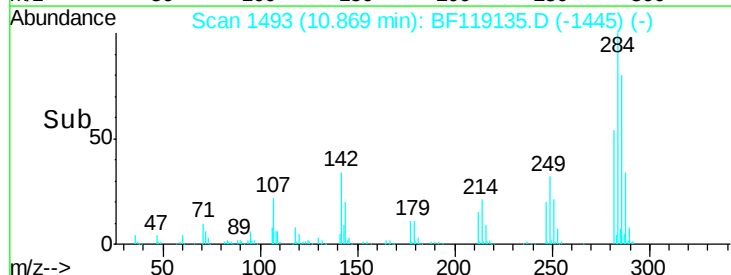
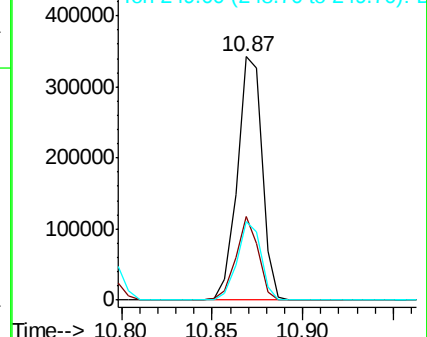


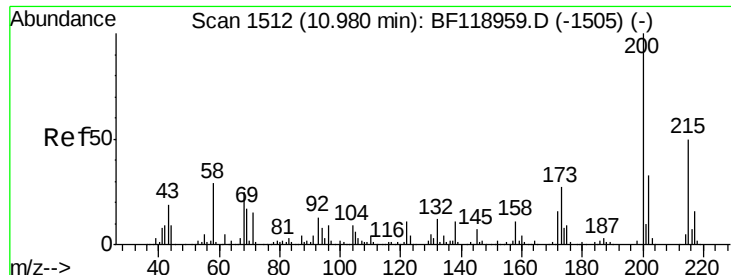
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

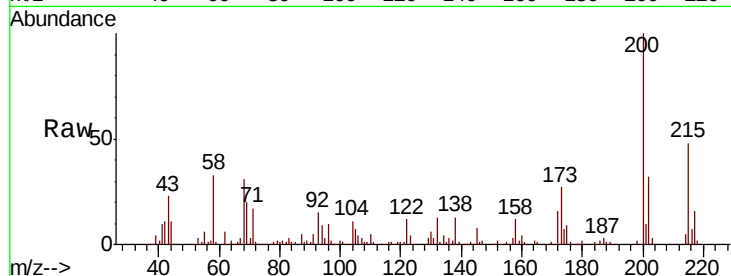




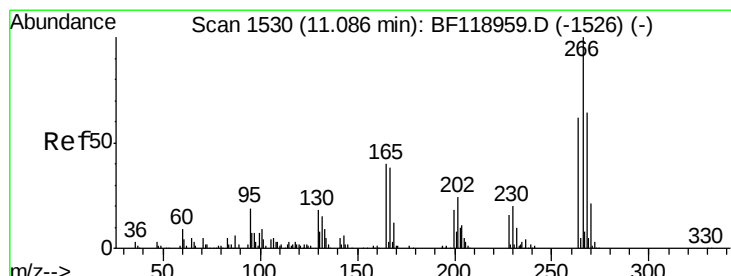
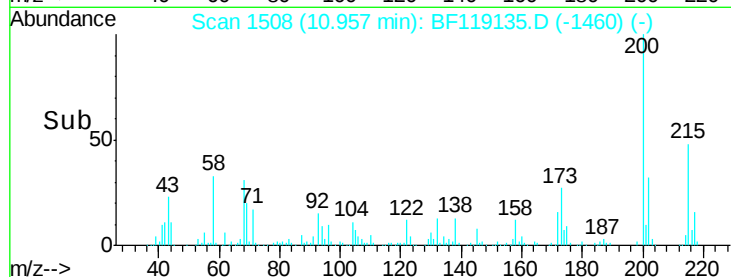
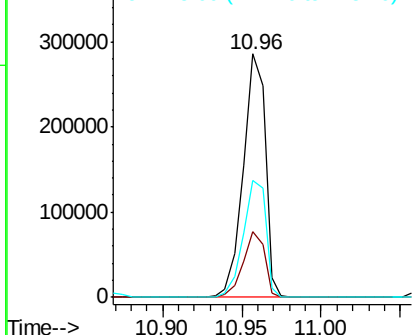
#69  
Atrazine  
Concen: 49.796 ng  
RT: 10.96 min Scan# 1508  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Instrument :  
BNA\_F  
ClientSampleId :  
MP-1-COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.1  | 6.4   | 46.4  |
| 215     | 47.8  | 27.4  | 67.4  |

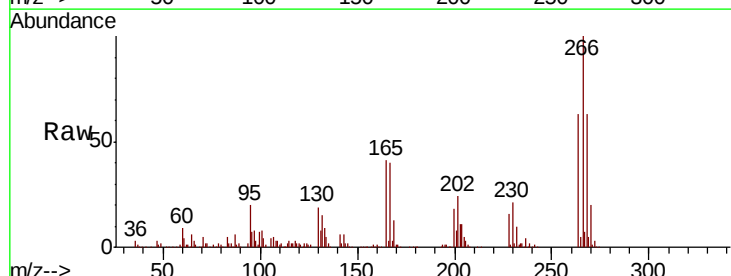


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

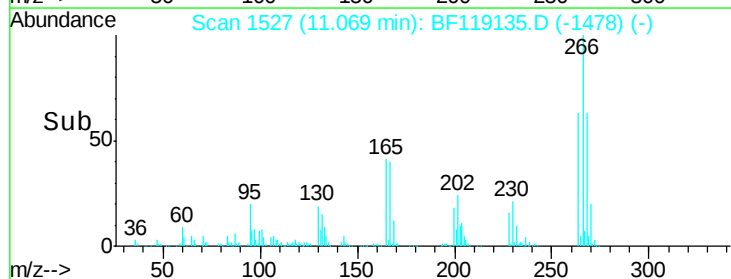
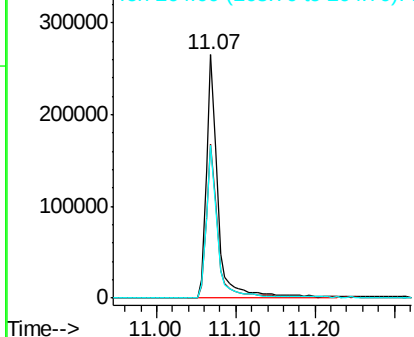


#70  
Pentachlorophenol  
Concen: 93.446 ng  
RT: 11.07 min Scan# 1527  
Delta R.T. -0.01 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.2  | 51.9  | 77.9  |
| 264     | 62.6  | 51.0  | 76.4  |



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

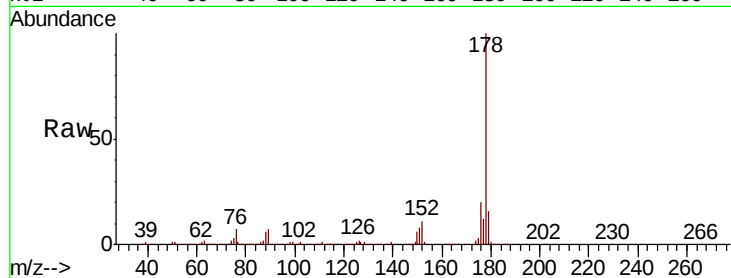




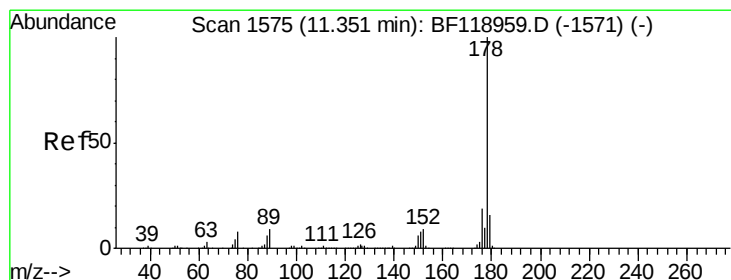
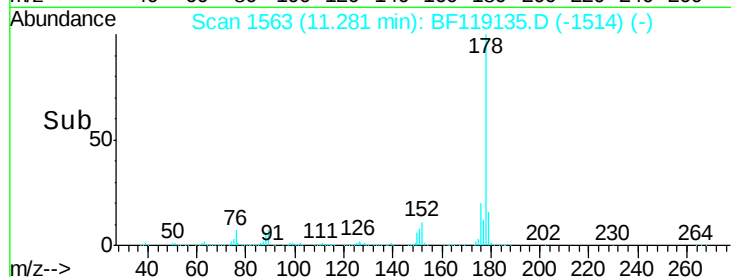
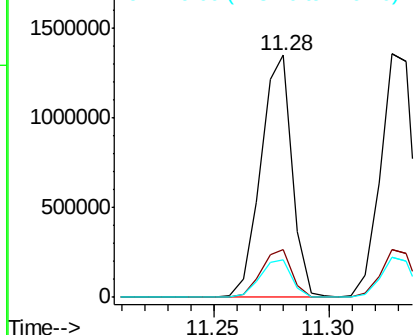
#71  
Phenanthrene  
Concen: 48.488 ng  
RT: 11.28 min Scan# 1563  
Delta R.T. -0.01 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Instrument :  
BNA\_F  
ClientSampleId :  
MP-1-COMPMS

Tot Ion:178 Resp: 1272954  
Ion Ratio Lower Upper  
178 100  
176 19.8 16.5 24.7  
179 15.7 13.0 19.6

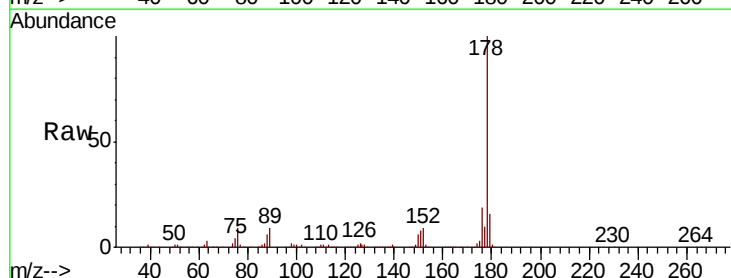


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

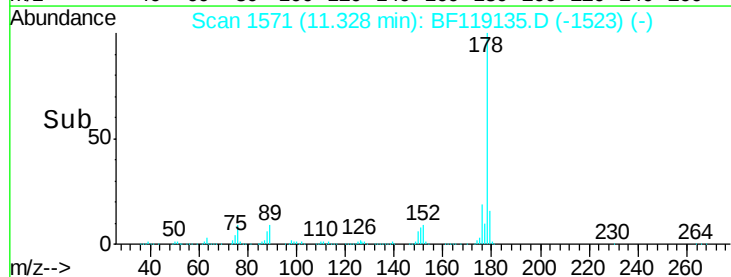
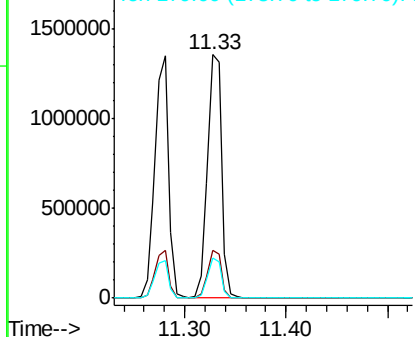


#72  
Anthracene  
Concen: 50.369 ng  
RT: 11.33 min Scan# 1571  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Tgt Ion:178 Resp: 1321235  
Ion Ratio Lower Upper  
178 100  
176 19.4 16.0 24.0  
179 16.2 13.1 19.7



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



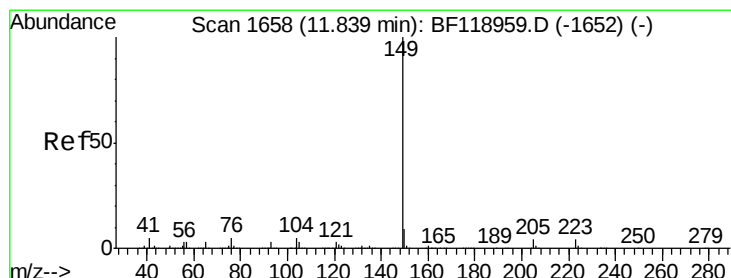
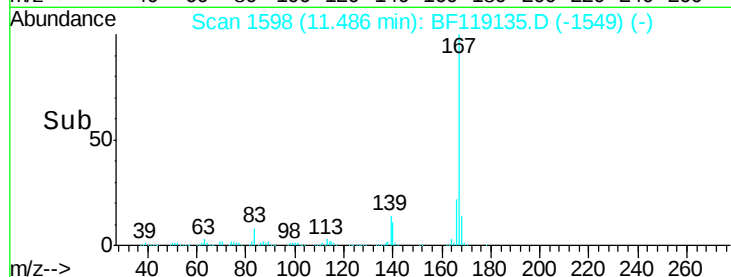
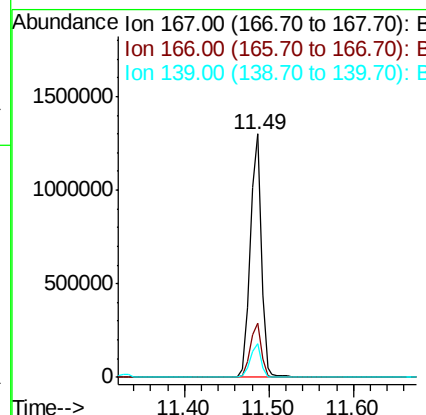
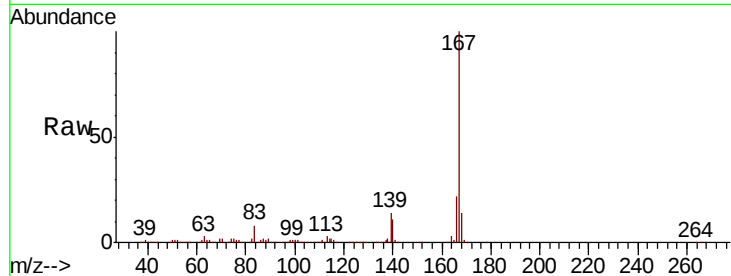


#73  
 Carbazole  
 Concen: 49.717 ng  
 RT: 11.49 min Scan# 1598  
 Delta R.T. -0.01 min  
 Lab File: BF119135.D  
 Acq: 28 Feb 2020 17:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MP-1-COMPMS

Tot Ion:167 Resp: 1161813  

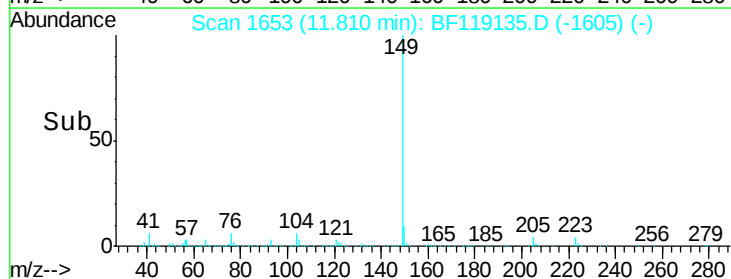
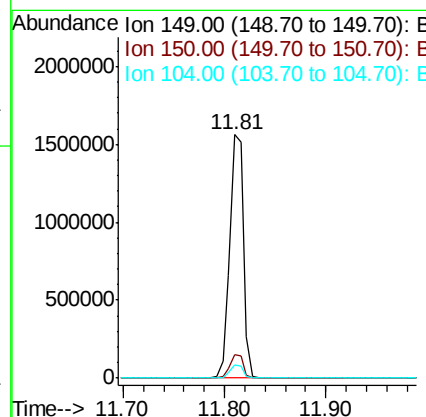
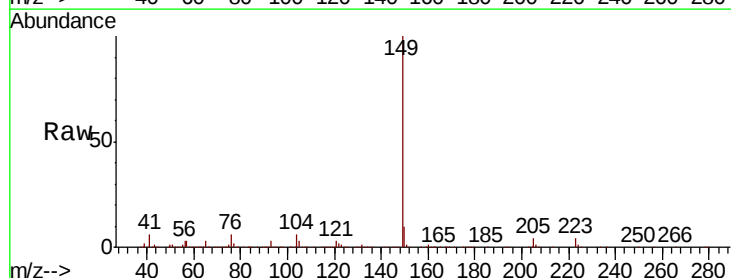
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.5  | 18.2  | 27.4  |
| 139 | 13.7  | 11.7  | 17.5  |



#74  
 Di-n-butylphthalate  
 Concen: 51.643 ng  
 RT: 11.81 min Scan# 1653  
 Delta R.T. -0.02 min  
 Lab File: BF119135.D  
 Acq: 28 Feb 2020 17:09

Tgt Ion:149 Resp: 1461465  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.5   | 7.9   | 11.9  |
| 104 | 5.5   | 4.6   | 6.8   |



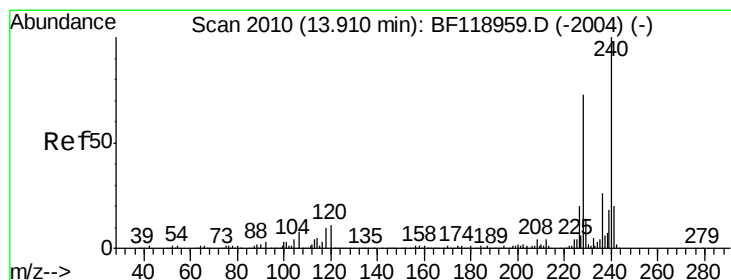
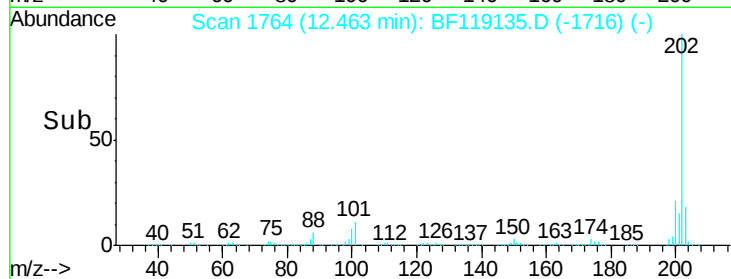
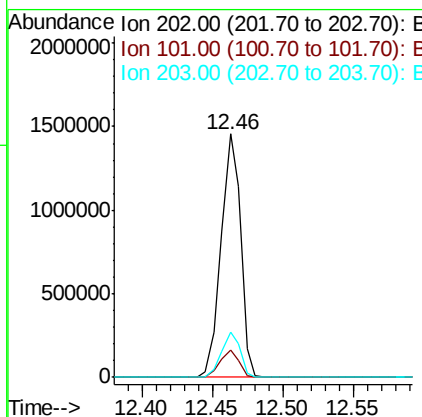
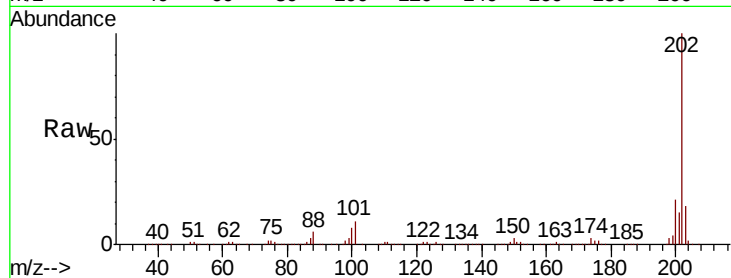


#75  
 Fluoranthene  
 Concen: 50.505 ng  
 RT: 12.46 min Scan# 1764  
 Delta R.T. -0.02 min  
 Lab File: BF119135.D  
 Acq: 28 Feb 2020 17:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MP-1-COMPMS

Tot Ion:202 Resp: 1407406  

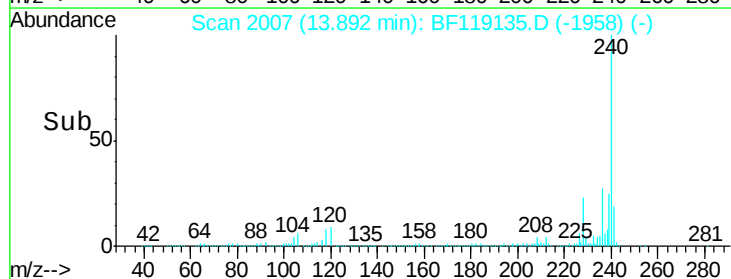
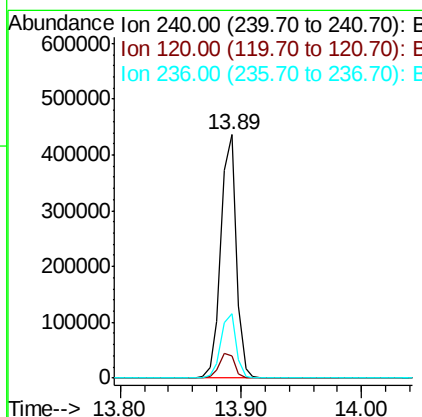
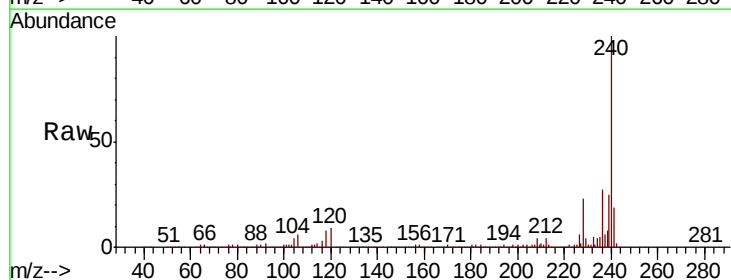
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.2  | 0.0   | 30.3  |
| 203 | 18.4  | 0.0   | 38.4  |

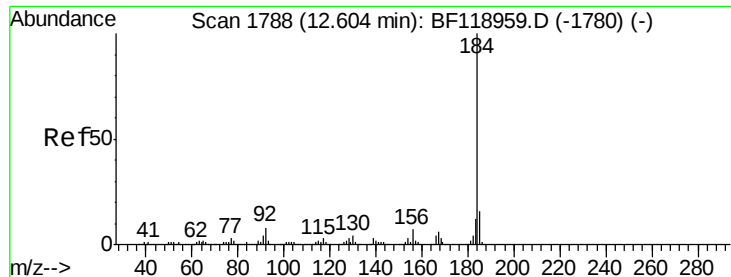


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.89 min Scan# 2007  
 Delta R.T. -0.01 min  
 Lab File: BF119135.D  
 Acq: 28 Feb 2020 17:09

Tgt Ion:240 Resp: 384292  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 8.9   | 8.4   | 12.6  |
| 236 | 26.5  | 21.0  | 31.4  |





#77

Benzidine

Concen: 36.755 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

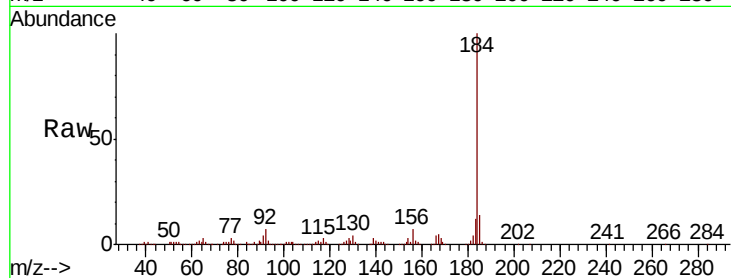
Tot Ion:184 Resp: 574436

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.4

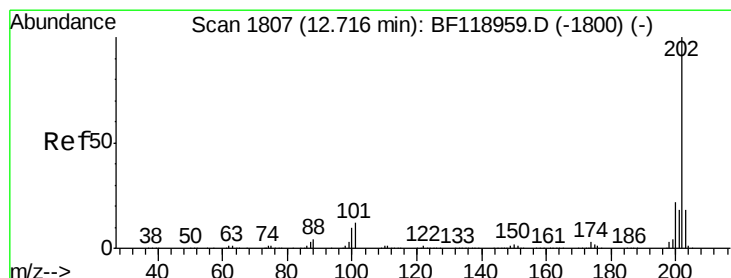
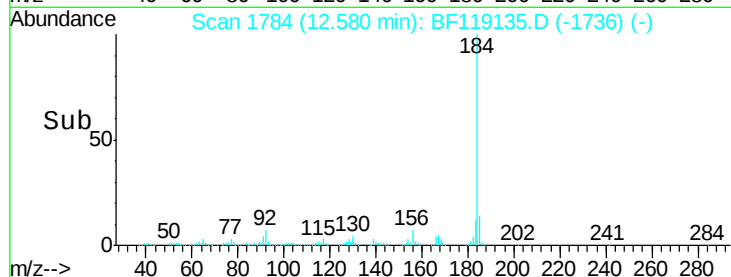
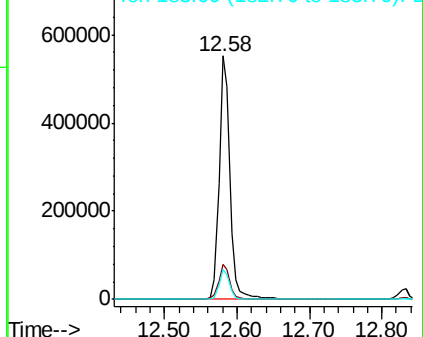
183 12.3 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.388 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

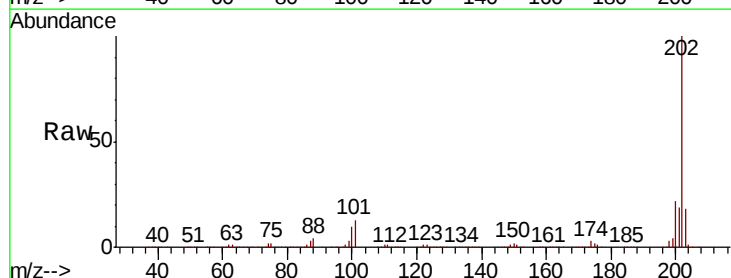
Tgt Ion:202 Resp: 1400592

Ion Ratio Lower Upper

202 100

200 22.1 18.0 27.0

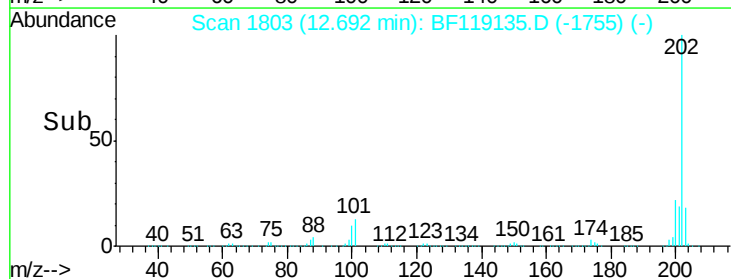
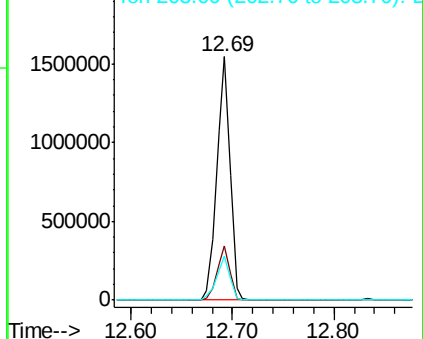
203 18.2 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.399 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

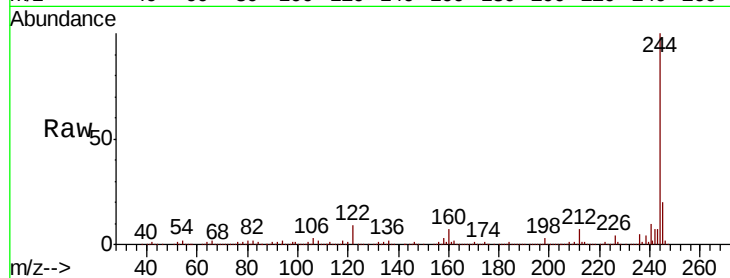
Tot Ion:244 Resp: 1705290

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.3   | 6.6   | 10.0  |
| 122 | 9.2   | 8.2   | 12.2  |

244 100

212 7.3 6.6 10.0

122 9.2 8.2 12.2

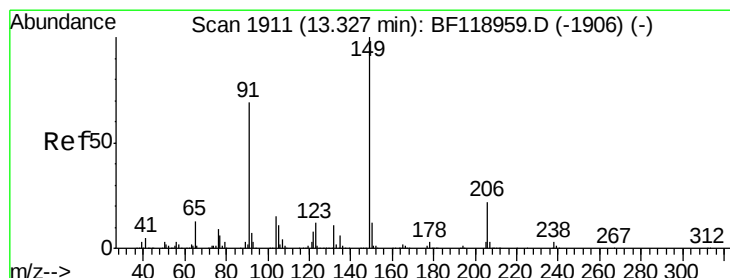
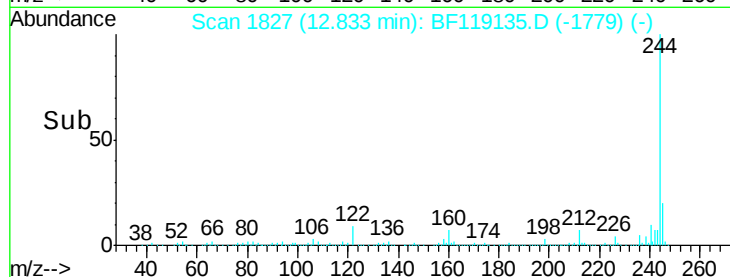
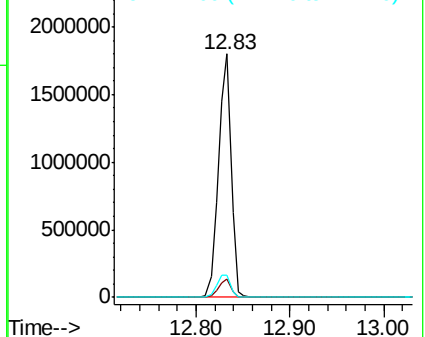


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.600 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

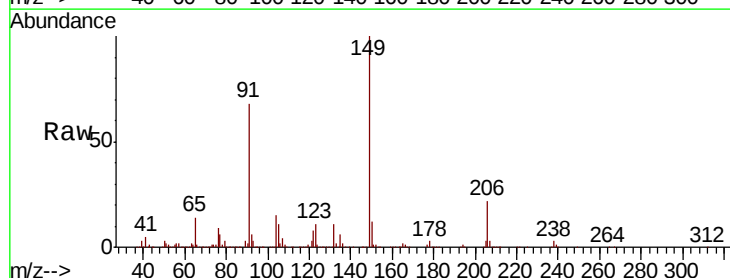
Tgt Ion:149 Resp: 644173

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 68.0  | 52.3  | 78.5  |
| 206 | 21.7  | 18.5  | 27.7  |

149 100

91 68.0 52.3 78.5

206 21.7 18.5 27.7

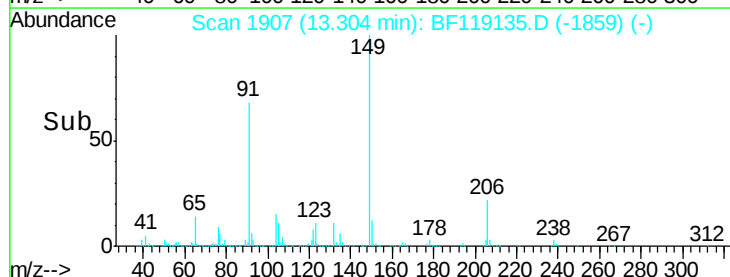
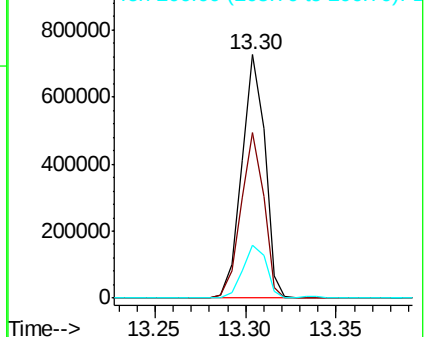


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.179 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

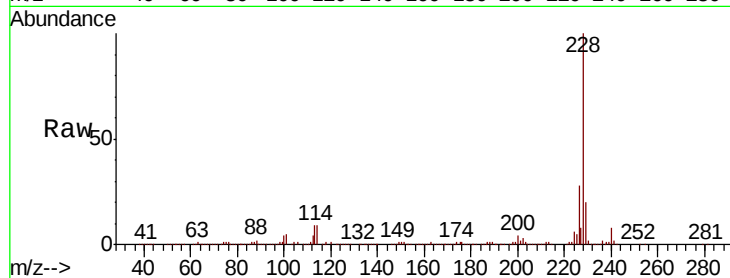
Tot Ion:228 Resp: 1287728

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

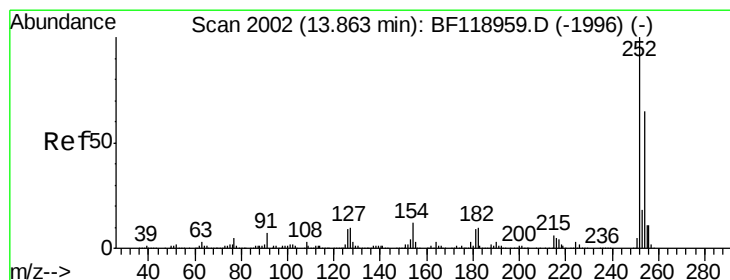
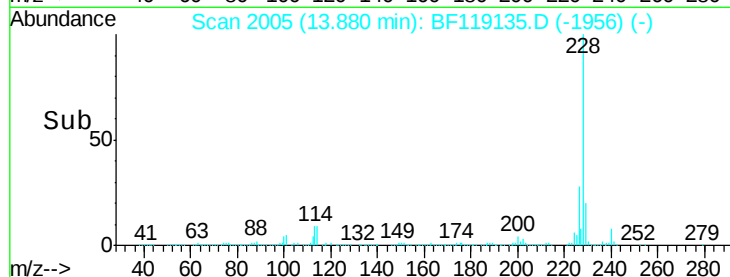
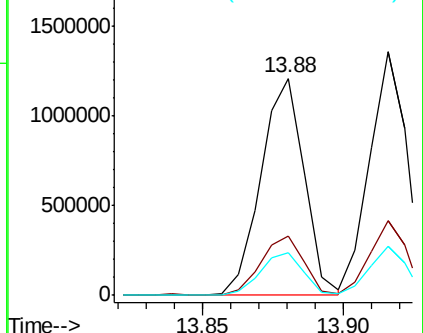
229 19.7 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.593 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

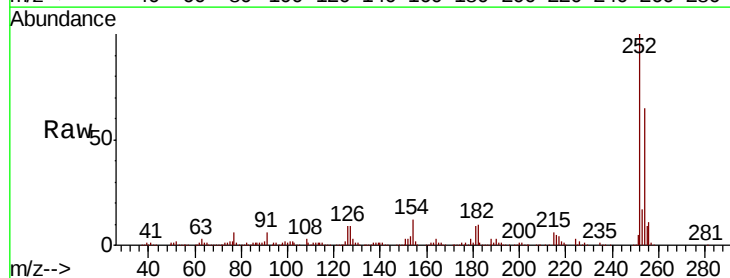
Tgt Ion:252 Resp: 321222

Ion Ratio Lower Upper

252 100

254 64.6 51.6 77.4

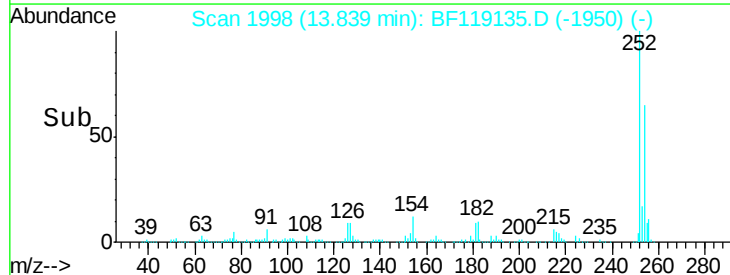
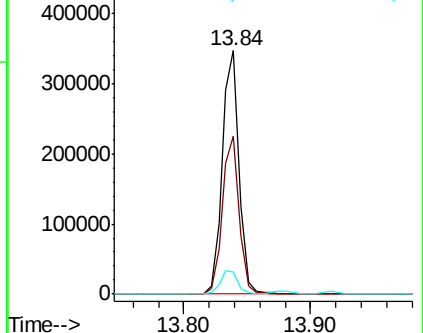
126 9.2 7.4 11.0

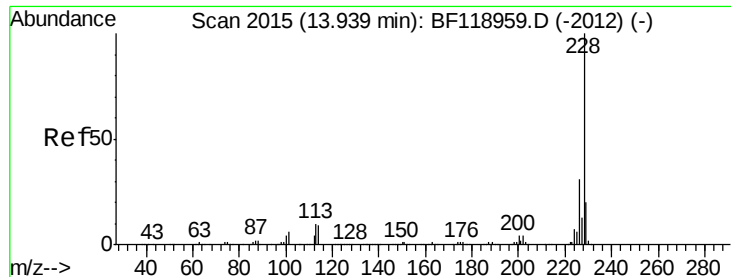


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

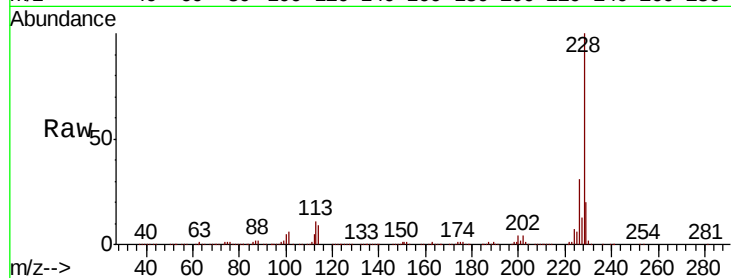




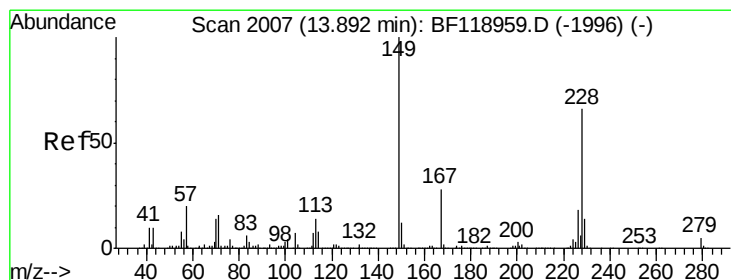
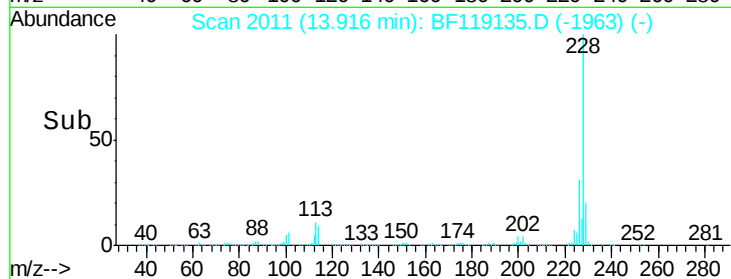
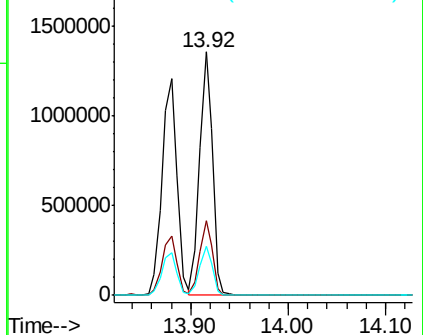
#83  
 Chrvsene  
 Concen: 47.757 ng  
 RT: 13.92 min Scan# 2011  
 Delta R.T. -0.02 min  
 Lab File: BF119135.D  
 Acq: 28 Feb 2020 17:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MP-1-COMPMS

Tot Ion:228 Resp: 1246014  
 Ion Ratio Lower Upper  
 228 100  
 226 30.8 25.1 37.7  
 229 20.0 16.3 24.5

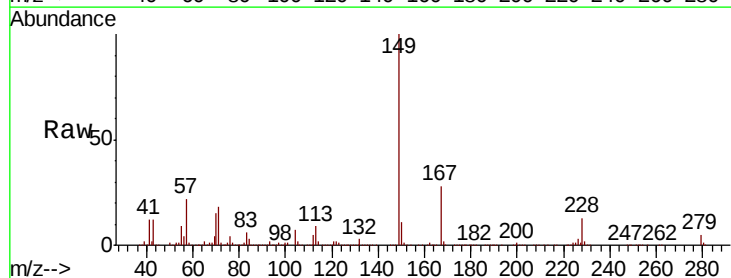


Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E

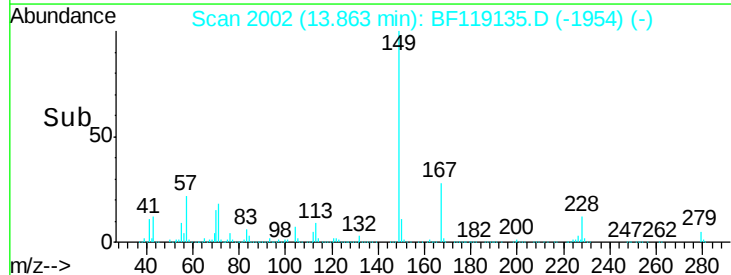
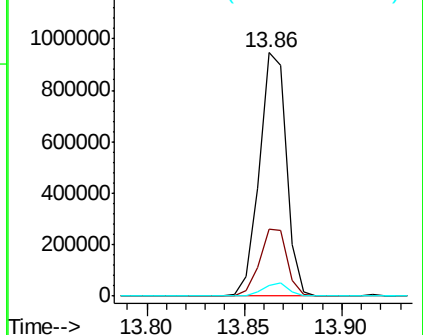


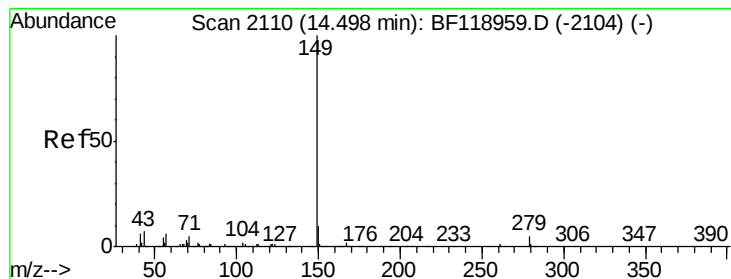
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 55.189 ng  
 RT: 13.86 min Scan# 2002  
 Delta R.T. -0.02 min  
 Lab File: BF119135.D  
 Acq: 28 Feb 2020 17:09

Tgt Ion:149 Resp: 905523  
 Ion Ratio Lower Upper  
 149 100  
 167 27.6 22.8 34.2  
 279 4.6 4.6 6.8



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: 58.160 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

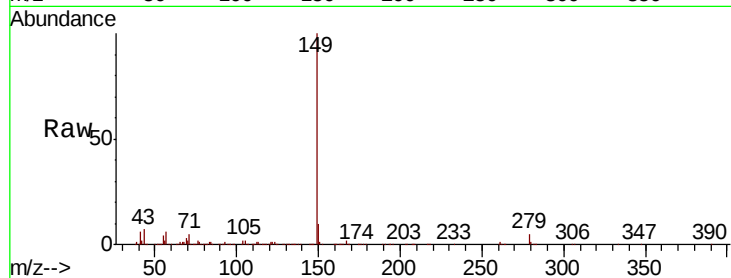
Tot Ion:149 Resp: 1520433

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

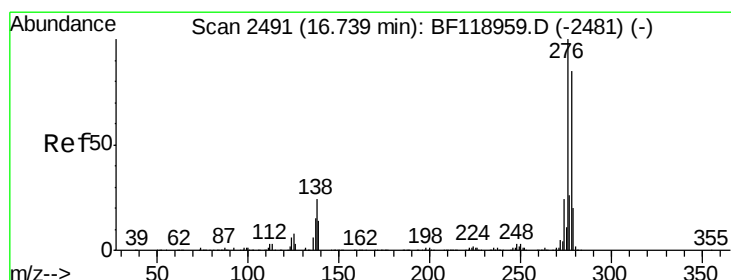
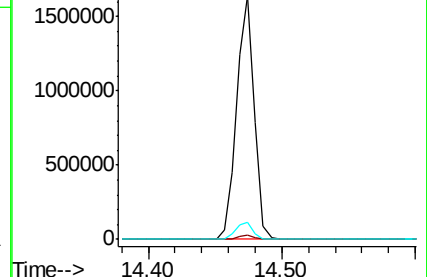
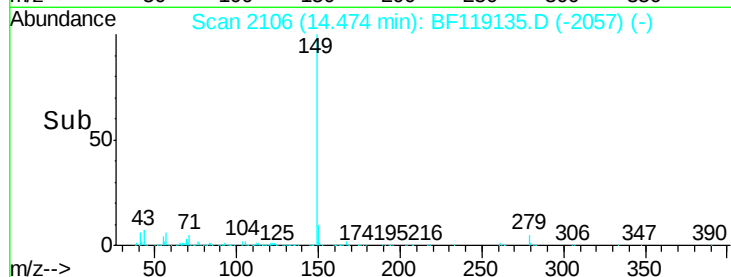
43 6.7 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.735 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

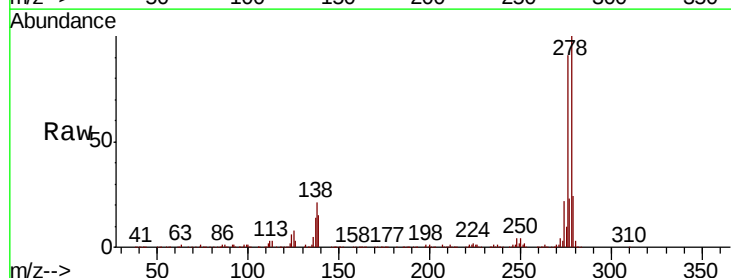
Tgt Ion:276 Resp: 1306974

Ion Ratio Lower Upper

276 100

138 21.4 17.4 26.0

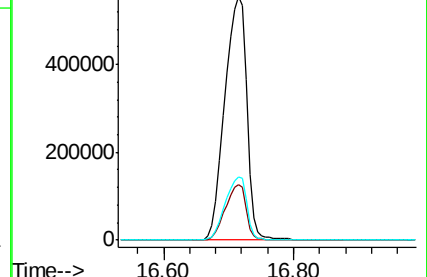
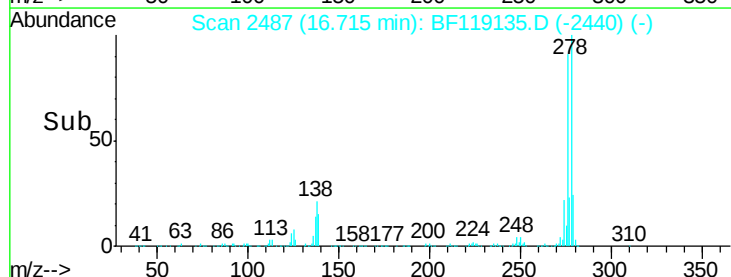
277 25.6 20.3 30.5

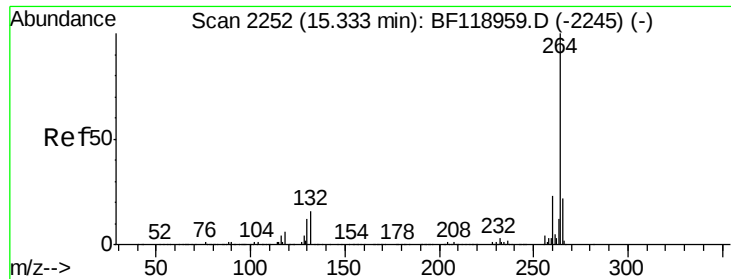


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

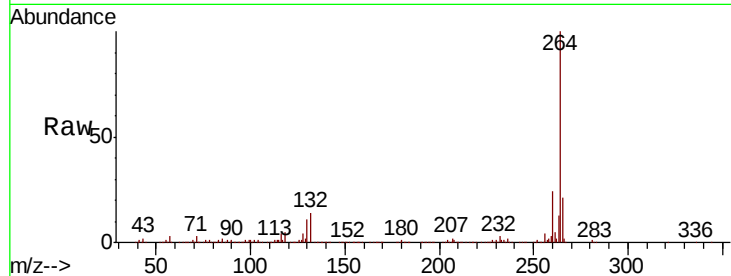




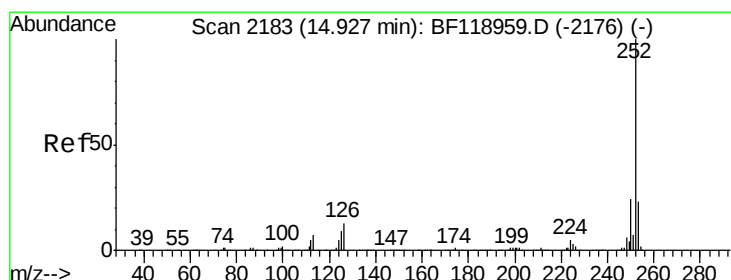
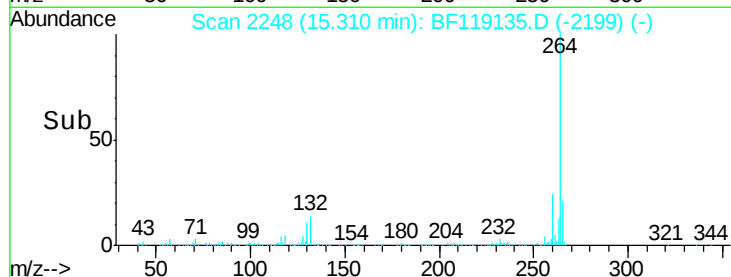
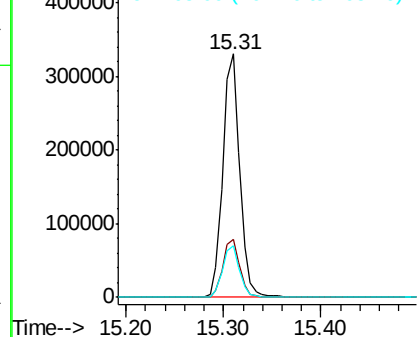
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.31 min Scan# 2248  
Delta R.T. -0.01 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Instrument :  
BNA\_F  
ClientSampleId :  
MP-1-COMPMS

Tot Ion:264 Resp: 397893  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.4 29.2  
265 21.4 17.7 26.5

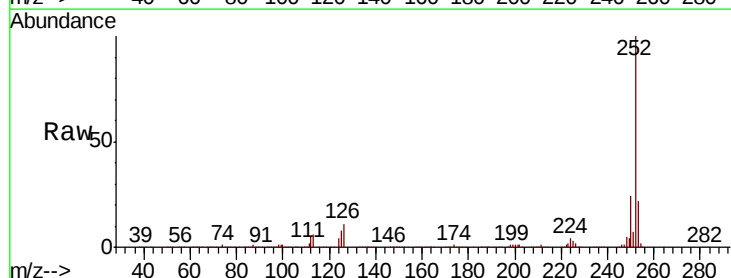


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

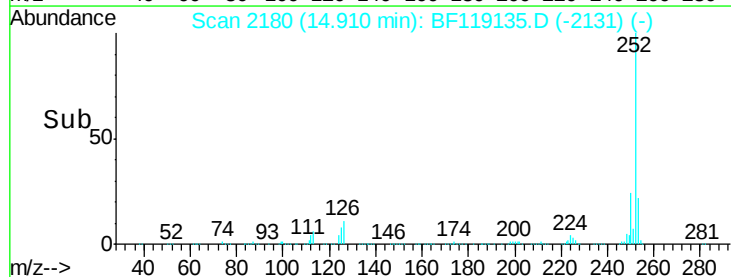
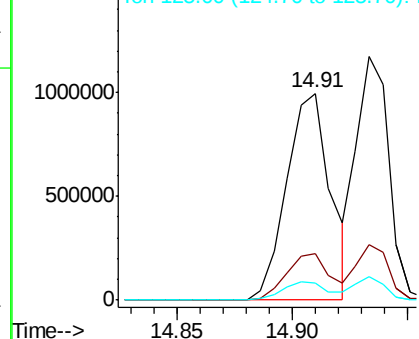


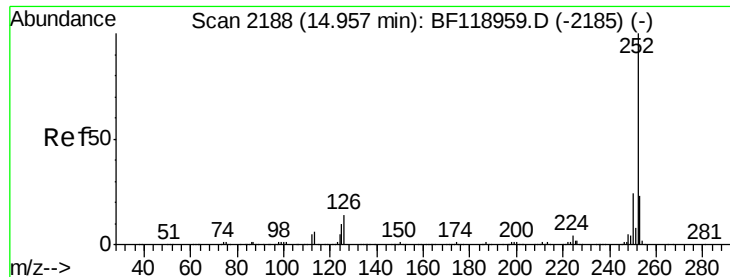
#88  
Benzo(b)fluoranthene  
Concen: 50.182 ng  
RT: 14.91 min Scan# 2180  
Delta R.T. -0.01 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Tgt Ion:252 Resp: 1316122  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.1 27.1  
125 8.4 7.4 11.0



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

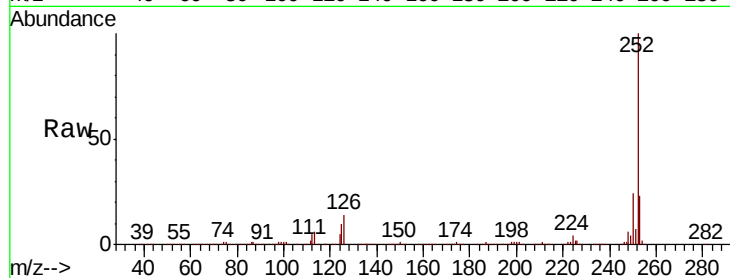




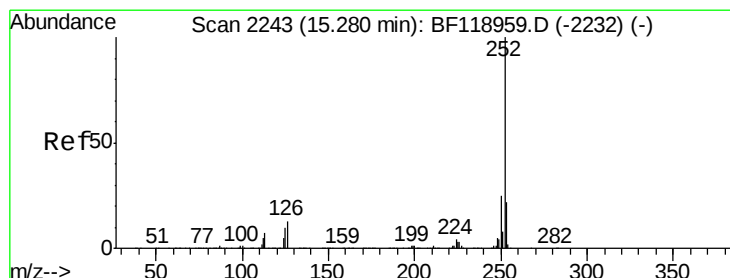
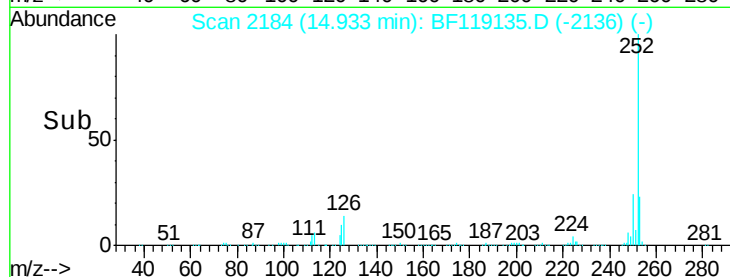
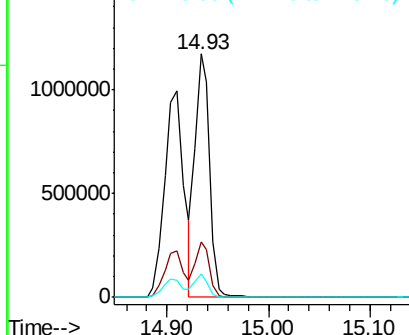
#89  
Benzo(k)fluoranthene  
Concen: 47.789 ng  
RT: 14.93 min Scan# 2184  
Delta R.T. -0.02 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Instrument :  
BNA\_F  
ClientSampleId :  
MP-1-COMPMS

Tot Ion:252 Resp: 1161523  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.8  
125 9.6 7.5 11.3

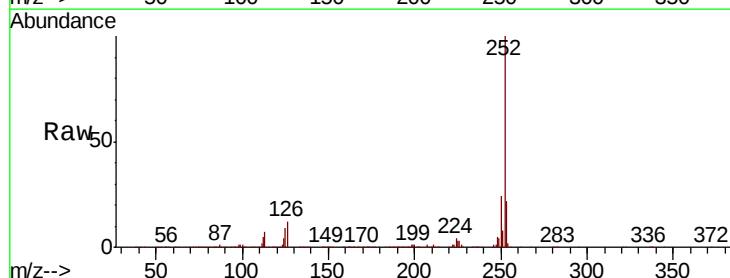


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

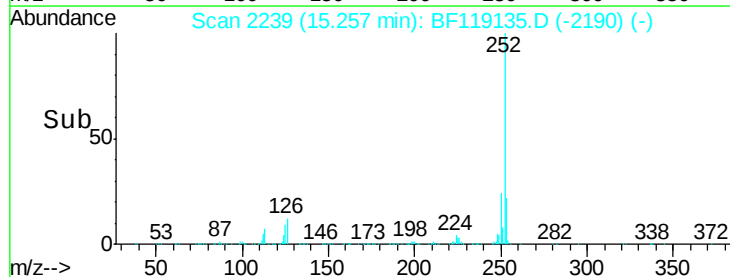
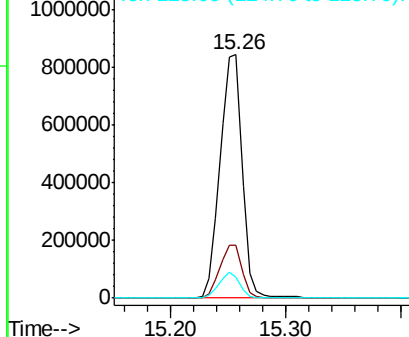


#90  
Benzo(a)pyrene  
Concen: 47.431 ng  
RT: 15.26 min Scan# 2239  
Delta R.T. -0.01 min  
Lab File: BF119135.D  
Acq: 28 Feb 2020 17:09

Tgt Ion:252 Resp: 1122723  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.0 27.0  
125 8.8 8.6 12.8



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





#91

Dibenzo(a,h)anthracene

Concen: 52.397 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

Instrument :

BNA\_F

ClientSampleId :

MP-1-COMPMS

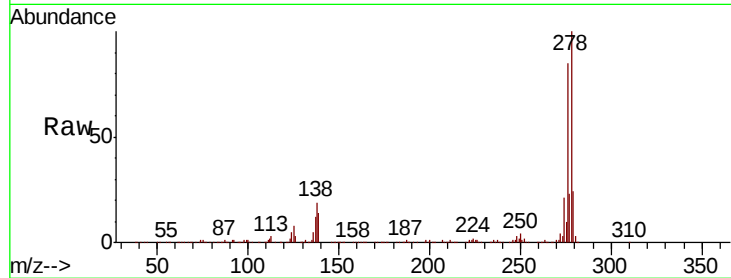
Tot Ion:278 Resp: 1091284

Ion Ratio Lower Upper

278 100

139 13.6 11.0 16.4

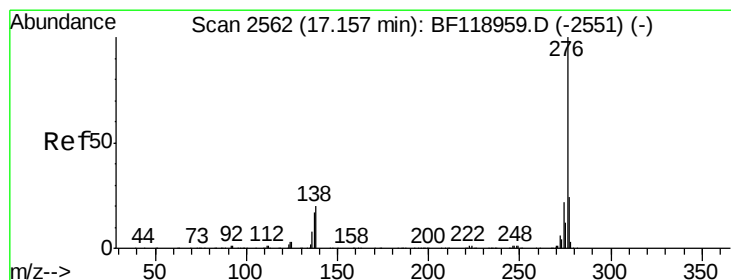
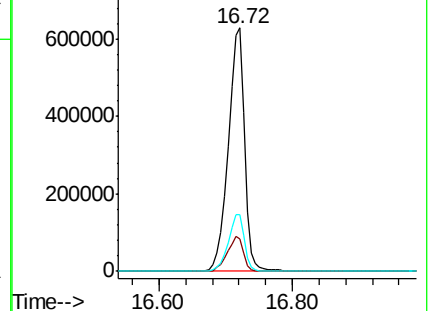
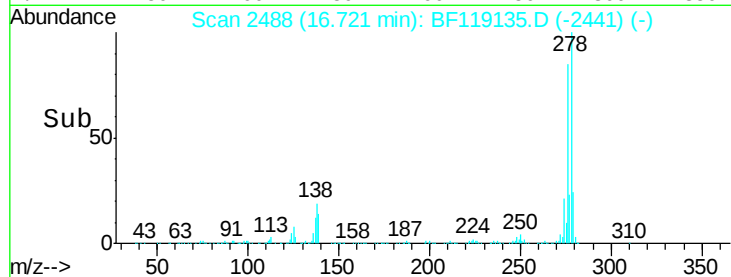
279 23.6 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.086 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.02 min

Lab File: BF119135.D

Acq: 28 Feb 2020 17:09

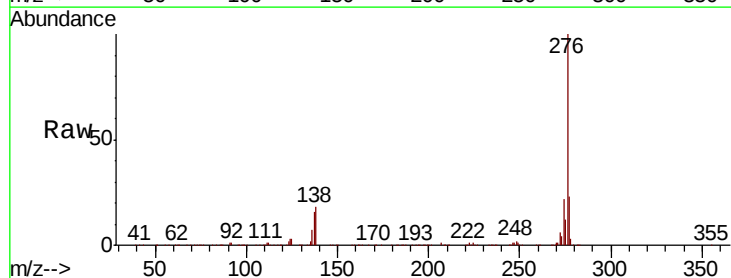
Tgt Ion:276 Resp: 1092422

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 18.5 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

