

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\  
 Data File : BF112687.D  
 Acq On : 25 Feb 2019 12:53  
 Operator : JU/SJ  
 Sample : K1556-01MSD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPMDS

Quant Time: Feb 25 14:10:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 25 14:05:25 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 81494    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 312246   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.85  | 164  | 137098   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.34 | 188  | 216352   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.99 | 240  | 182520   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.46 | 264  | 181198   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.47  | 112 | 643699 | 167.77 | ng | 0.00 |
| 7) Phenol-d6             | 6.49  | 99  | 804419 | 150.89 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.39  | 82  | 517991 | 95.59  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.65 | 330 | 200188 | 125.45 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.17  | 172 | 954300 | 98.45  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.92 | 244 | 767421 | 79.19  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.57 | 88  | 63566  | 41.590 | ng | # 93   |
| 3) Pyridine                    | 3.37 | 79  | 151890 | 39.068 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.29 | 42  | 92342  | 56.533 | ng | 88     |
| 6) Aniline                     | 6.49 | 93  | 185360 | 29.228 | ng | 89     |
| 8) 2-Chlorophenol              | 6.62 | 128 | 221746 | 42.963 | ng | 96     |
| 9) Benzaldehyde                | 6.37 | 77  | 90794  | 32.583 | ng | 98     |
| 10) Phenol                     | 6.50 | 94  | 318467 | 54.448 | ng | 80     |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 187819 | 40.787 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 236553 | 39.354 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.83 | 146 | 245655 | 39.710 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 230680 | 39.828 | ng | 96     |
| 15) Benzyl Alcohol             | 6.97 | 79  | 188430 | 41.928 | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45  | 223060 | 37.727 | ng | 96     |
| 17) 2-Methylphenol             | 7.10 | 107 | 171811 | 41.992 | ng | 94     |
| 18) Hexachloroethane           | 7.32 | 117 | 88692  | 40.828 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 149968 | 40.795 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.26 | 107 | 226175 | 43.229 | ng | # 60   |
| 22) Acetophenone               | 7.23 | 105 | 308082 | 40.520 | ng | 94     |
| 24) Nitrobenzene               | 7.40 | 77  | 223840 | 41.359 | ng | 99     |
| 25) Isophorone                 | 7.64 | 82  | 387143 | 45.539 | ng | 98     |
| 26) 2-Nitrophenol              | 7.72 | 139 | 118894 | 41.107 | ng | # 92   |
| 27) 2,4-Dimethylphenol         | 7.77 | 122 | 186105 | 46.703 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 237477 | 41.024 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.98 | 162 | 181626 | 40.729 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.04 | 180 | 199079 | 38.838 | ng | 98     |
| 31) Naphthalene                | 8.12 | 128 | 638880 | 43.753 | ng | 98     |
| 32) Benzoic acid               | 7.91 | 122 | 38796  | 17.068 | ng | 96     |
| 33) 4-Chloroaniline            | 8.18 | 127 | 86006  | 13.527 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.23 | 225 | 116701 | 38.797 | ng | 98     |
| 35) Caprolactam                | 8.55 | 113 | 50573  | 32.148 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.69 | 107 | 187430 | 39.703 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.81 | 142 | 439914 | 44.008 | ng | 97     |
| 38) 1-Methylnaphthalene        | 8.91 | 142 | 403340 | 42.097 | ng | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 190368 | 42.291 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\  
 Data File : BF112687.D  
 Acq On : 25 Feb 2019 12:53  
 Operator : JU/SJ  
 Sample : K1556-01MSD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

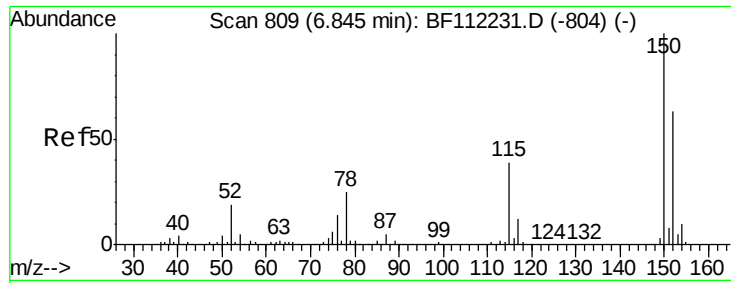
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPMASD

Quant Time: Feb 25 14:10:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 25 14:05:25 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.96  | 237  | 34159    | 27.148  | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.10  | 196  | 117695   | 42.417  | nq    | 96       |
| 44) 2,4,5-Trichlorophenol      | 9.16  | 196  | 112290   | 38.721  | nq    | # 91     |
| 46) 1,1'-Biphenyl              | 9.27  | 154  | 511906   | 42.710  | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 390028   | 41.963  | nq    | 96       |
| 48) 2-Nitroaniline             | 9.41  | 65   | 109876   | 43.373  | nq    | 88       |
| 49) Acenaphthylene             | 9.72  | 152  | 623905   | 45.798  | nq    | 98       |
| 50) Dimethylphthalate          | 9.57  | 163  | 497257   | 46.683  | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 9.65  | 165  | 96717    | 40.542  | nq    | # 64     |
| 52) Acenaphthene               | 9.89  | 154  | 356299   | 43.782  | nq    | 98       |
| 53) 3-Nitroaniline             | 9.83  | 138  | 65347    | 25.284  | nq    | 91       |
| 54) 2,4-Dinitrophenol          | 9.96  | 184  | 33363    | 43.577  | nq    | # 85     |
| 55) Dibenzofuran               | 10.06 | 168  | 522895   | 42.046  | nq    | 91       |
| 56) 4-Nitrophenol              | 10.06 | 139  | 302220   | 221.180 | nq    | # 19     |
| 57) 2,4-Dinitrotoluene         | 10.06 | 165  | 122775   | 40.426  | nq    | # 72     |
| 58) Fluorene                   | 10.40 | 166  | 418855   | 45.008  | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.19 | 232  | 81053    | 36.985  | nq    | # 87     |
| 60) Diethylphthalate           | 10.26 | 149  | 437021   | 41.343  | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 194169   | 38.356  | nq    | # 89     |
| 62) 4-Nitroaniline             | 10.45 | 138  | 79627    | 31.411  | nq    | 90       |
| 63) Azobenzene                 | 10.55 | 77   | 373389   | 40.163  | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.48 | 198  | 33075    | 27.267  | nq    | 80       |
| 66) n-Nitrosodiphenylamine     | 10.51 | 169  | 341413   | 46.822  | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.87 | 248  | 110119   | 43.275  | nq    | 93       |
| 68) Hexachlorobenzene          | 10.96 | 284  | 112681   | 41.274  | nq    | 95       |
| 69) Atrazine                   | 11.03 | 200  | 93786    | 39.861  | nq    | 93       |
| 70) Pentachlorophenol          | 11.17 | 266  | 54006    | 50.840  | nq    | 98       |
| 71) Phenanthrene               | 11.37 | 178  | 686300   | 61.016  | nq    | 97       |
| 72) Anthracene                 | 11.42 | 178  | 579785   | 51.747  | nq    | 98       |
| 73) Carbazole                  | 11.58 | 167  | 440984   | 39.901  | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 575304   | 41.937  | nq    | 98       |
| 75) Fluoranthene               | 12.56 | 202  | 989985   | 82.061  | nq    | 99       |
| 77) Benzidine                  | 12.67 | 184  | 113277   | 22.549  | nq    | 97       |
| 78) Pyrene                     | 12.79 | 202  | 937873   | 74.219  | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.38 | 149  | 225637   | 36.906  | nq    | 95       |
| 81) Benzo(a)anthracene         | 13.97 | 228  | 753253   | 70.204  | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 123240   | 30.691  | nq    | 98       |
| 83) Chrysene                   | 14.02 | 228  | 668594   | 65.281  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.93 | 149  | 309749   | 35.692  | nq    | 95       |
| 85) Di-n-octyl phthalate       | 14.54 | 149  | 550040   | 41.195  | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.96 | 276  | 542840   | 66.890  | nq    | 95       |
| 88) Benzo(b)fluoranthene       | 15.03 | 252  | 855190   | 78.918  | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 15.06 | 252  | 577591   | 55.646  | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.40 | 252  | 709401   | 72.755  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.94 | 278  | 359299   | 45.721  | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.40 | 276  | 441222   | 59.512  | nq    | 95       |

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



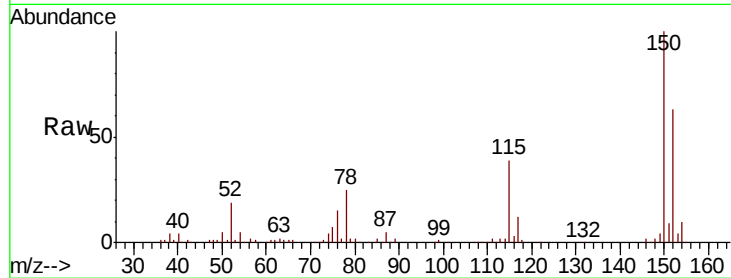


#1

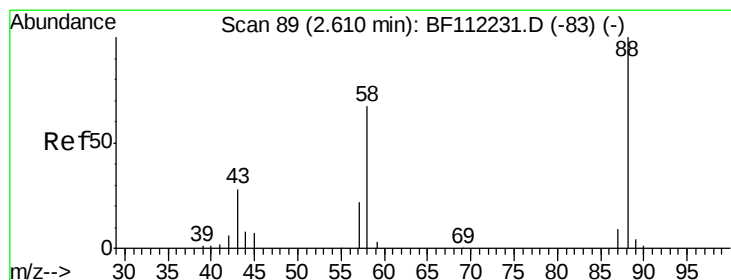
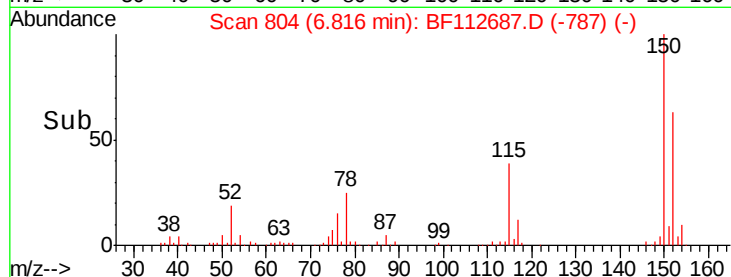
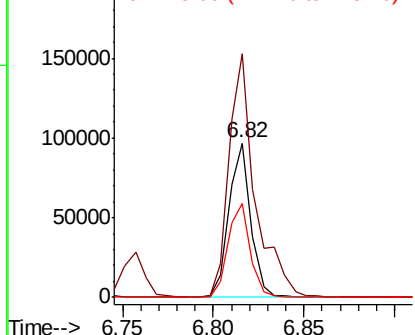
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.82 min Scan# 804  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSSD

Tot Ion:152 Resp: 81494  
Ion Ratio Lower Upper  
152 100  
150 157.7 127.4 191.0  
115 60.9 45.5 68.3



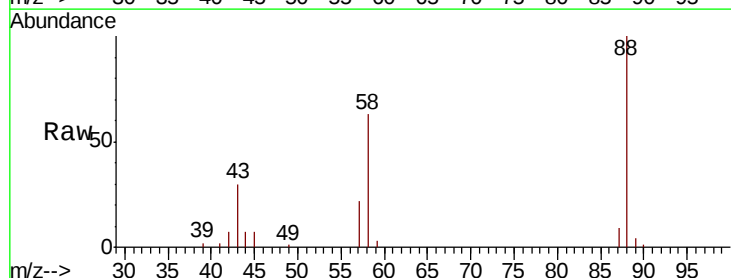
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



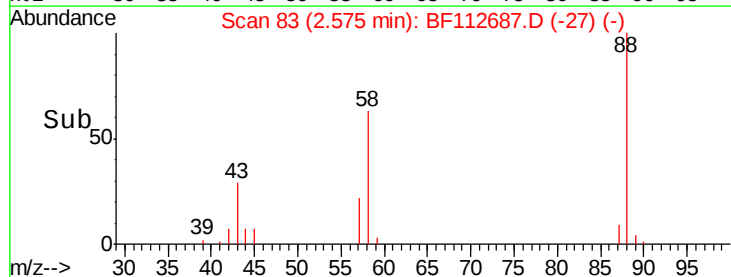
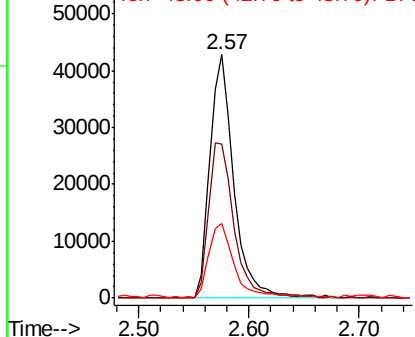
#2

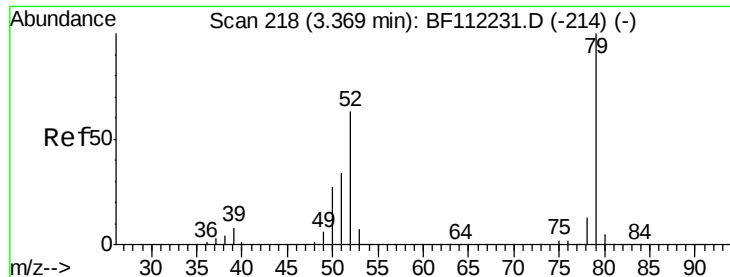
1,4-Dioxane  
Concen: 41.590 ng  
RT: 2.57 min Scan# 83  
Delta R.T. 0.03 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Tgt Ion: 88 Resp: 63566  
Ion Ratio Lower Upper  
88 100  
58 67.5 57.4 86.2  
43 33.6 22.2 33.4#



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: 39.068 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.06 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSD

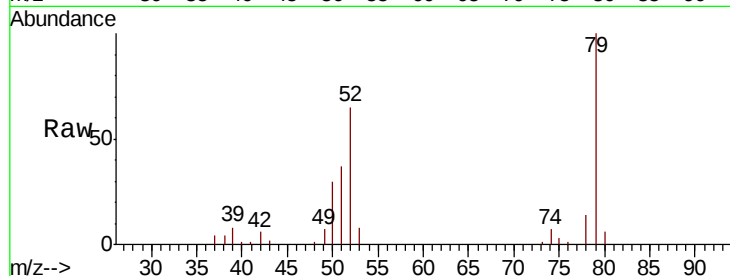
Tot Ion: 79 Resp: 151890

Ion Ratio Lower Upper

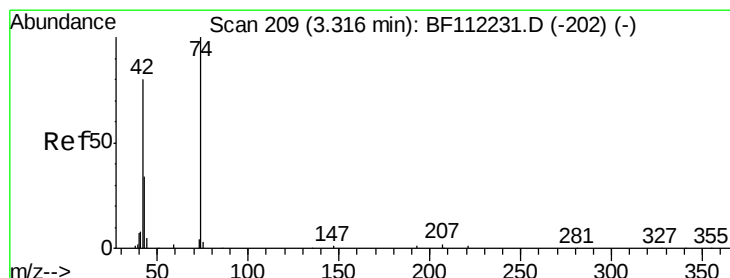
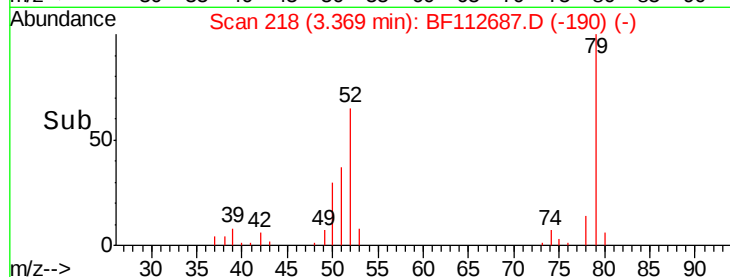
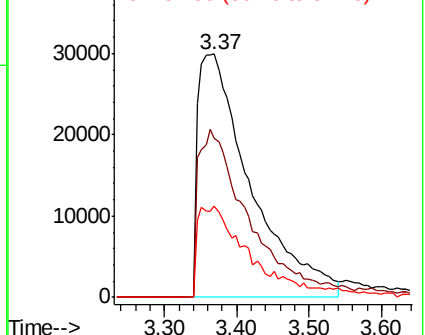
79 100

52 65.4 52.4 78.6

51 37.4 26.1 39.1



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: 56.533 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.02 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

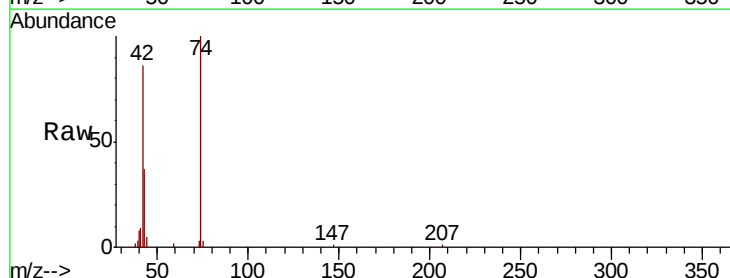
Tgt Ion: 42 Resp: 92342

Ion Ratio Lower Upper

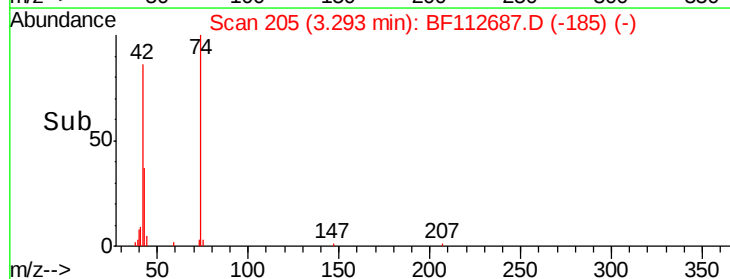
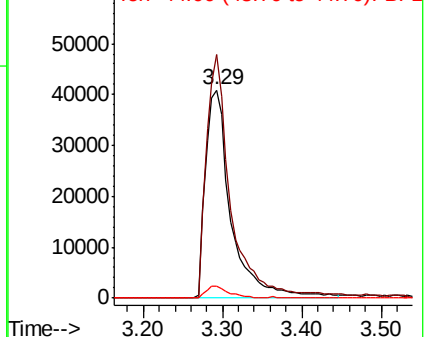
42 100

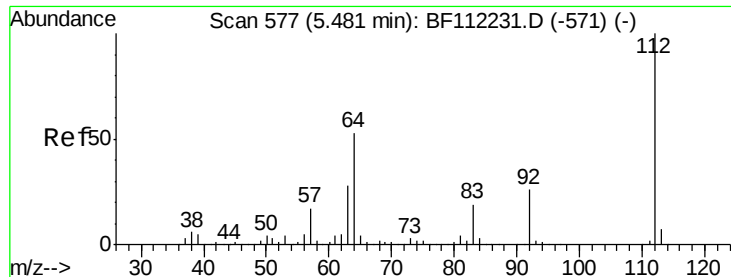
74 117.0 105.6 158.4

44 5.6 5.4 8.2



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: 167.774 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSSD

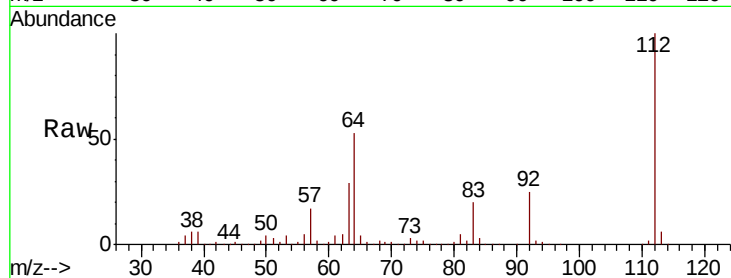
Tot Ion:112 Resp: 643699

Ion Ratio Lower Upper

112 100

64 53.3 45.7 68.5

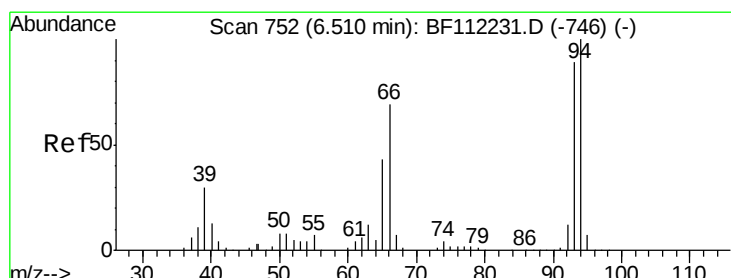
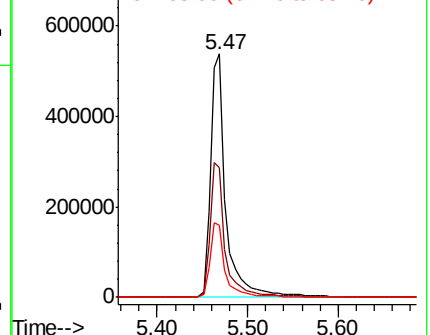
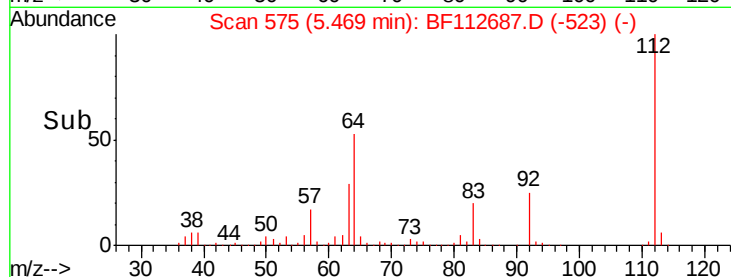
63 29.5 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.228 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

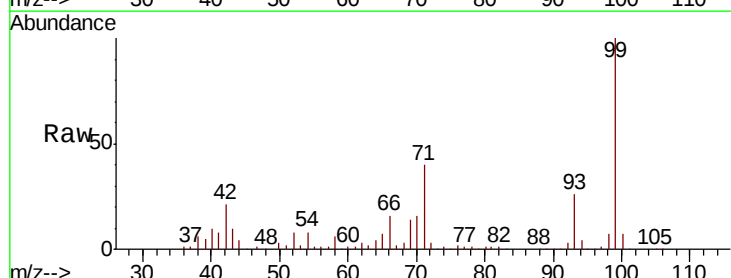
Tgt Ion: 93 Resp: 185360

Ion Ratio Lower Upper

93 100

66 61.9 43.4 65.2

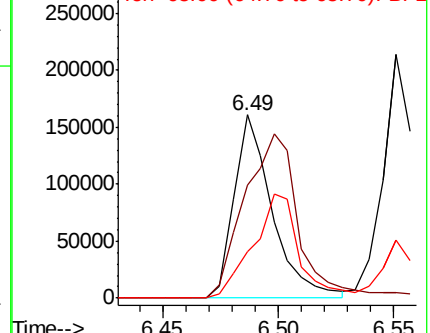
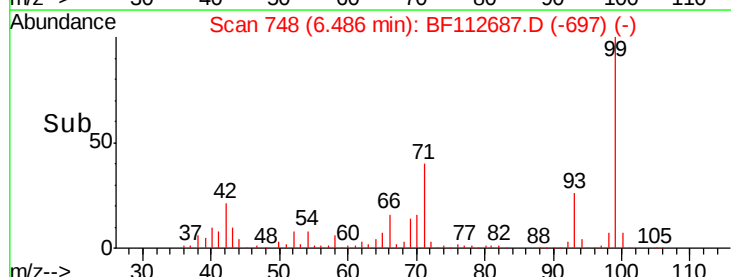
65 25.4 25.3 37.9

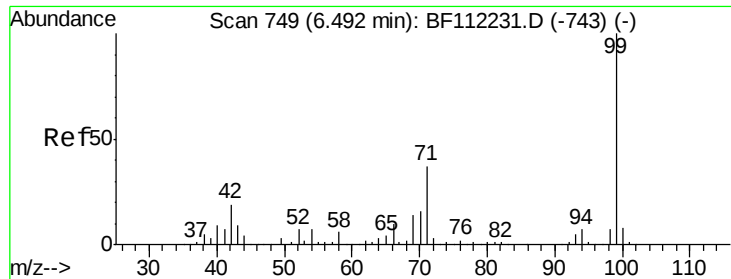


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 150.886 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSSD

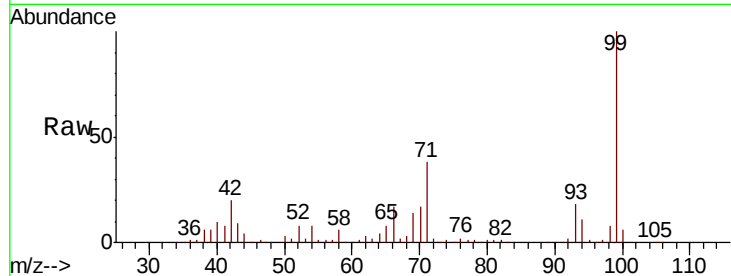
Tot Ion: 99 Resp: 804419

Ion Ratio Lower Upper

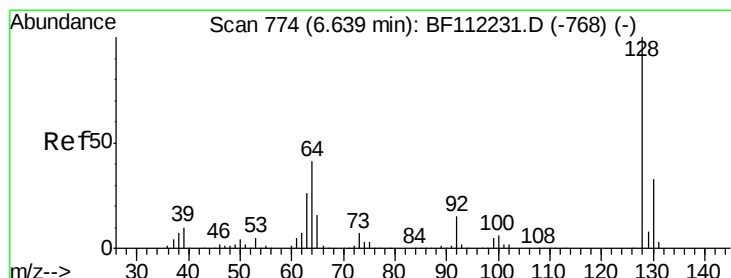
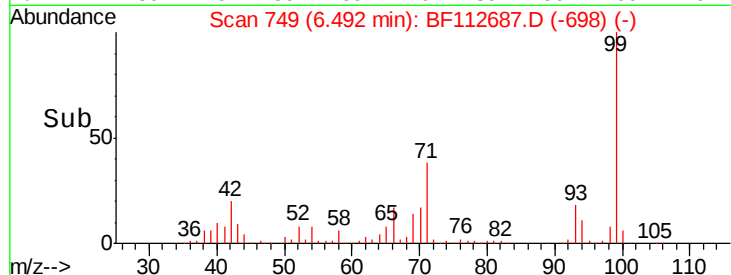
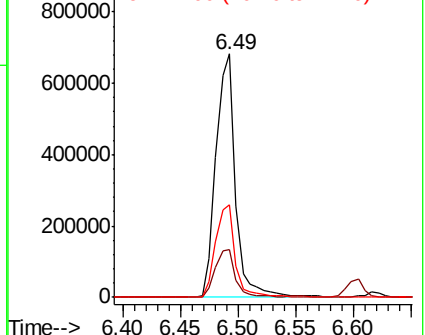
99 100

42 19.6 15.1 22.7

71 37.8 26.9 40.3



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: 42.963 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

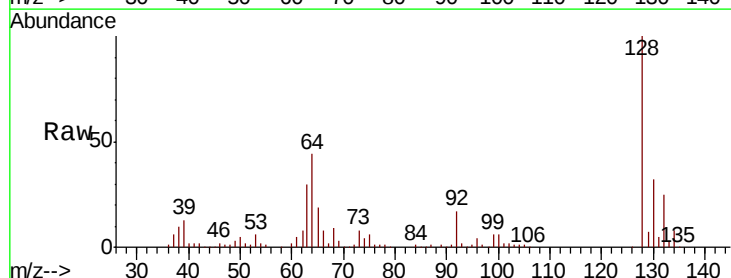
Tgt Ion:128 Resp: 221746

Ion Ratio Lower Upper

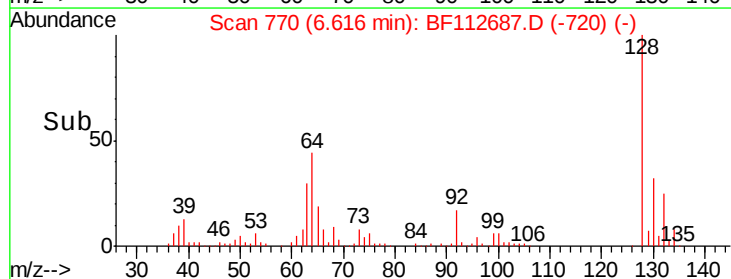
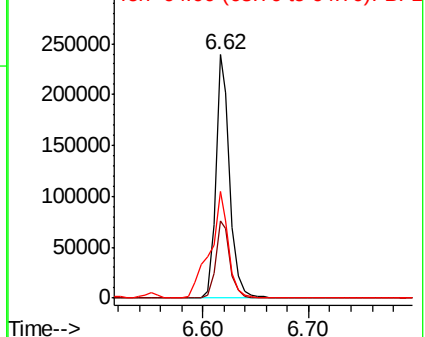
128 100

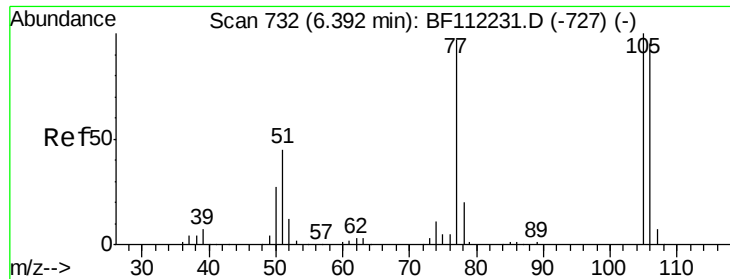
130 31.6 13.4 53.4

64 43.8 20.5 60.5



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: 32.583 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleID :

COMPMSSD

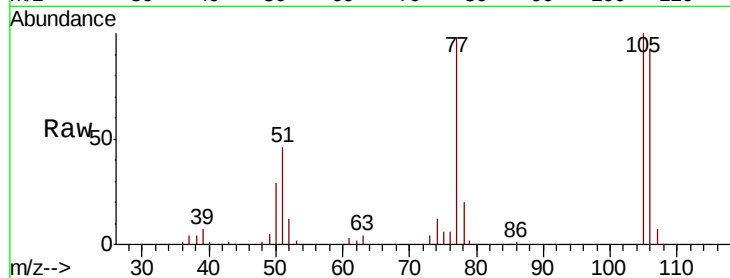
Tot Ion: 77 Resp: 90794

Ion Ratio Lower Upper

77 100

105 101.7 80.8 120.8

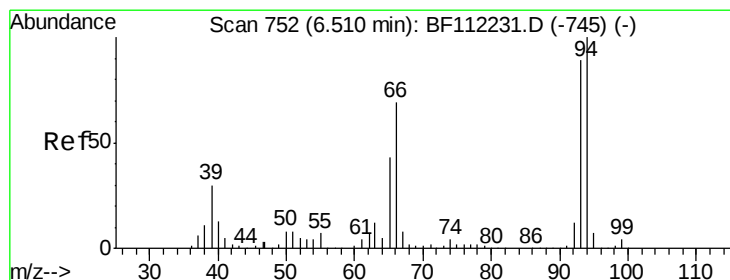
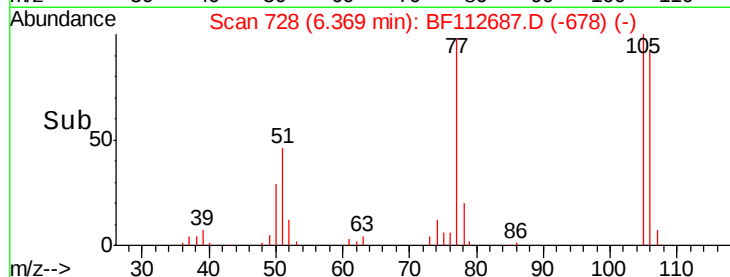
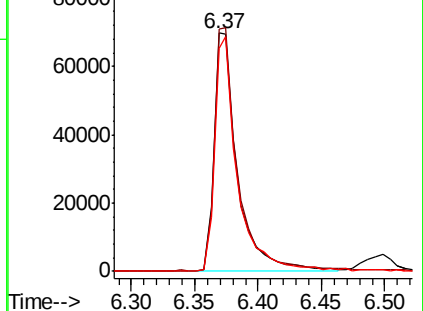
106 93.3 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 54.448 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

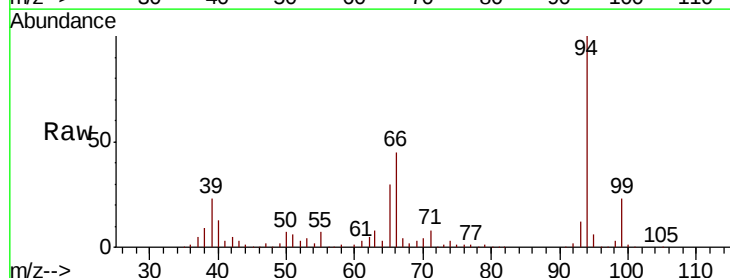
Tgt Ion: 94 Resp: 318467

Ion Ratio Lower Upper

94 100

65 30.4 20.3 60.3

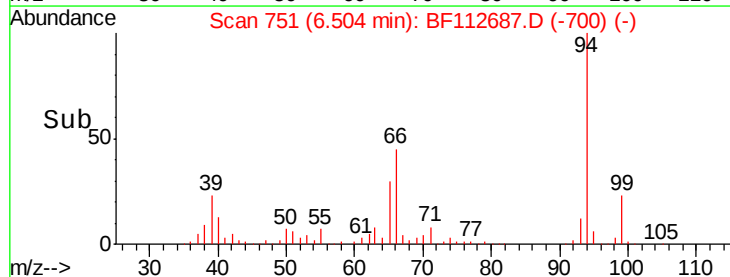
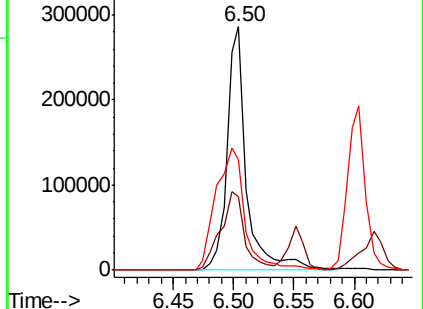
66 45.5 42.4 82.4

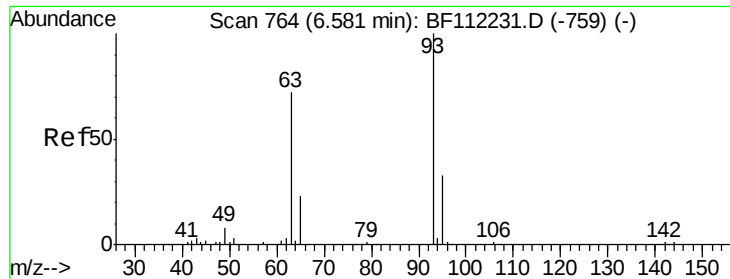


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

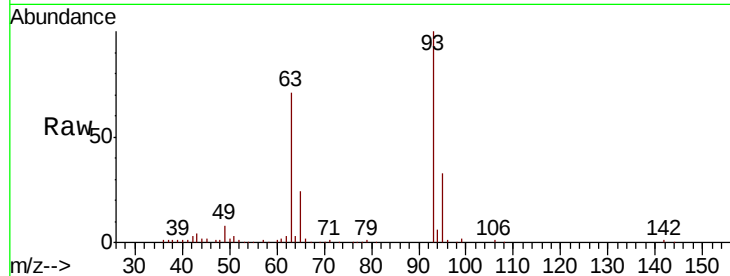




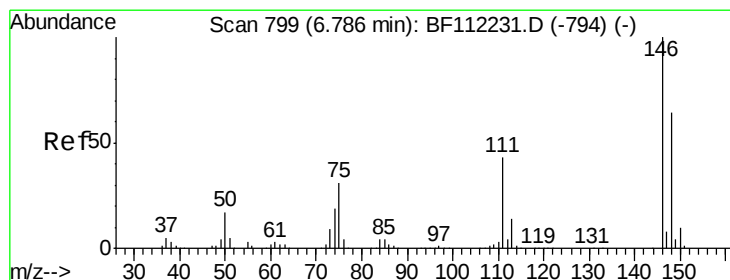
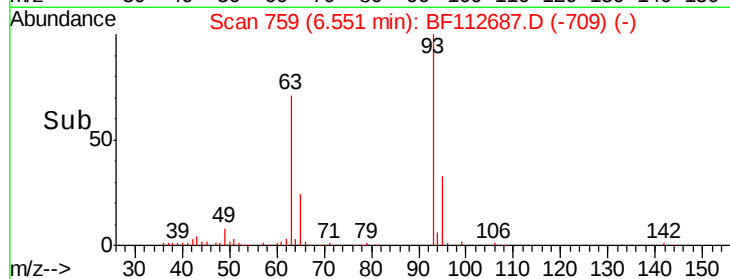
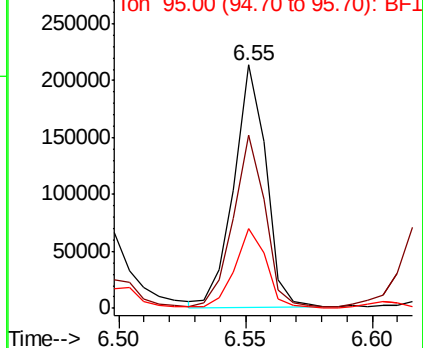
#11  
bis(2-Chloroethyl)ether  
Concen: 40.787 ng  
RT: 6.55 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSSD

Tot Ion: 93 Resp: 187819  
Ion Ratio Lower Upper  
93 100  
63 71.0 53.3 93.3  
95 33.0 13.4 53.4

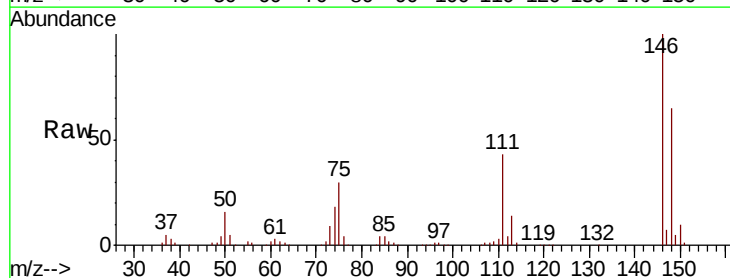


Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1

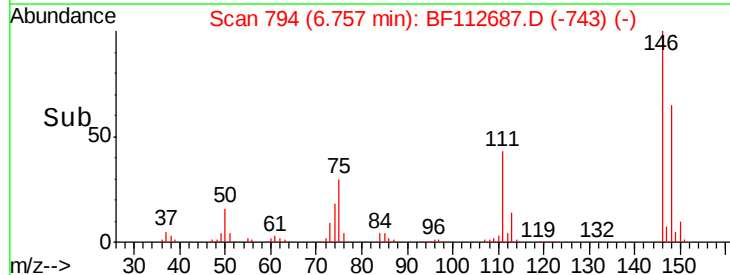
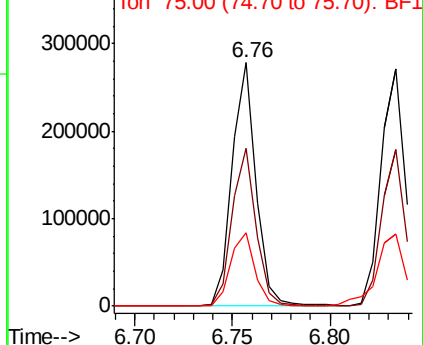


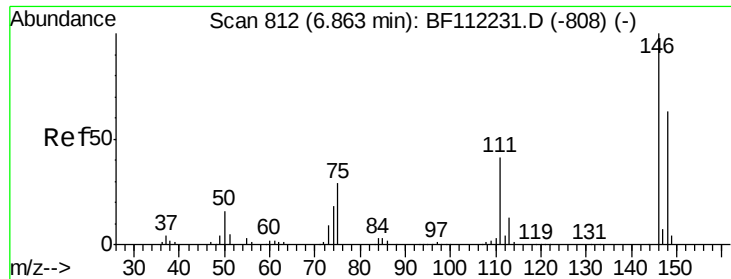
#12  
1,3-Dichlorobenzene  
Concen: 39.354 ng  
RT: 6.76 min Scan# 794  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Tgt Ion: 146 Resp: 236553  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.8 77.8  
75 30.4 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF1

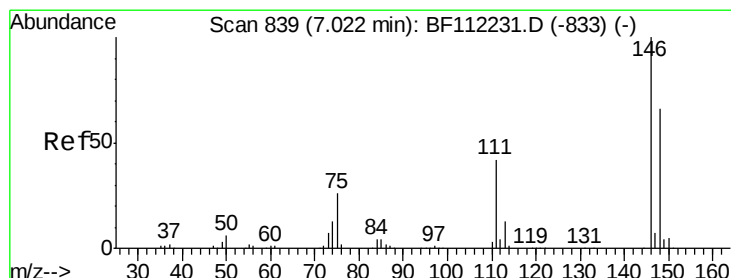
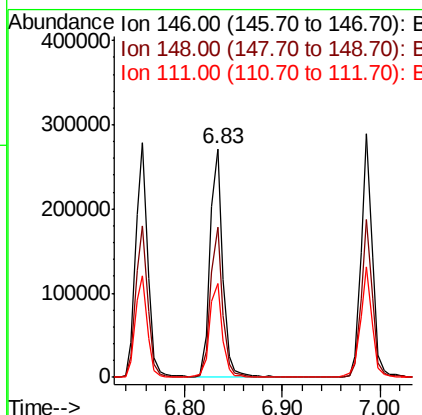
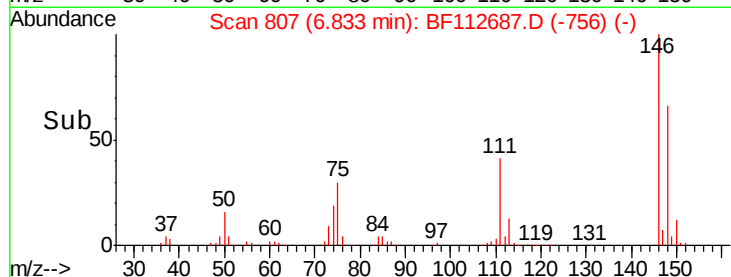
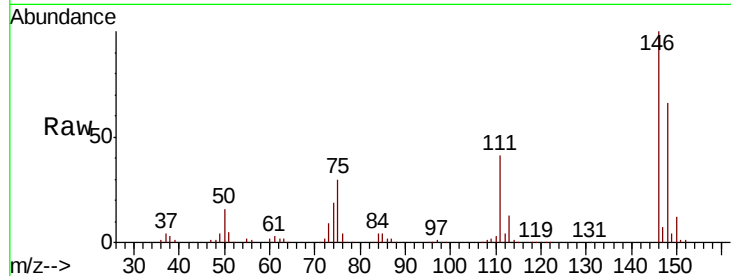




#13  
 1,4-Dichlorobenzene  
 Concen: 39.710 ng  
 RT: 6.83 min Scan# 807  
 Delta R.T. -0.00 min  
 Lab File: BF112687.D  
 Acq: 25 Feb 2019 12:53

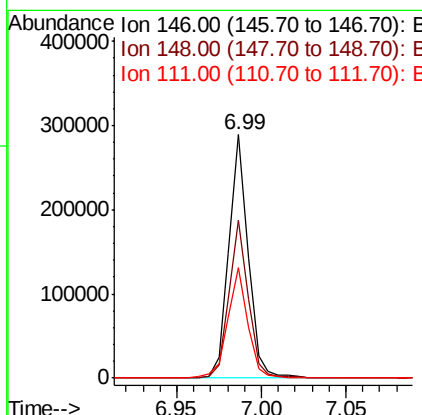
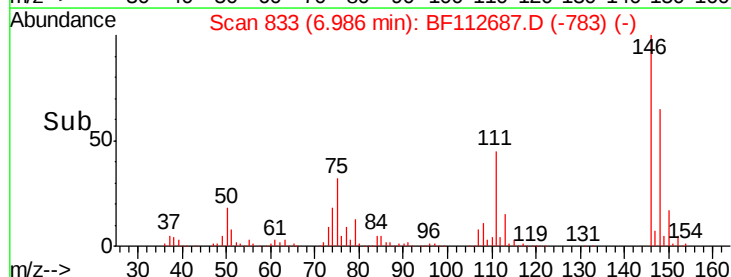
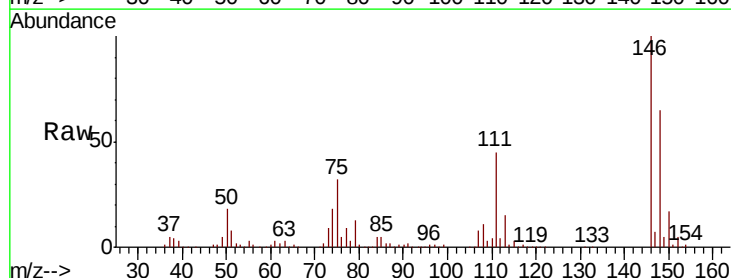
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPMDS

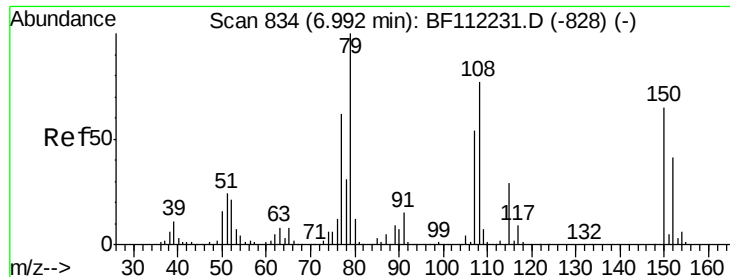
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.9  | 52.0  | 78.0  |
| 111     | 41.1  | 31.2  | 46.8  |



#14  
 1,2-Dichlorobenzene  
 Concen: 39.828 ng  
 RT: 6.99 min Scan# 833  
 Delta R.T. -0.01 min  
 Lab File: BF112687.D  
 Acq: 25 Feb 2019 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 52.2  | 78.4  |
| 111     | 45.4  | 31.2  | 46.8  |

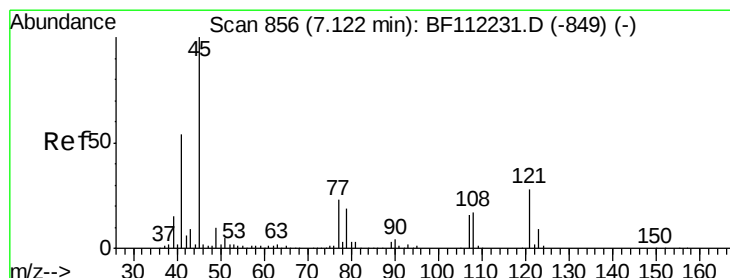
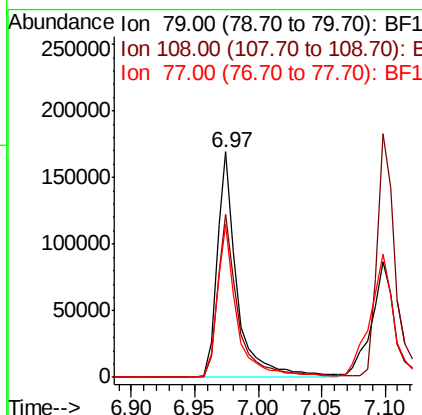
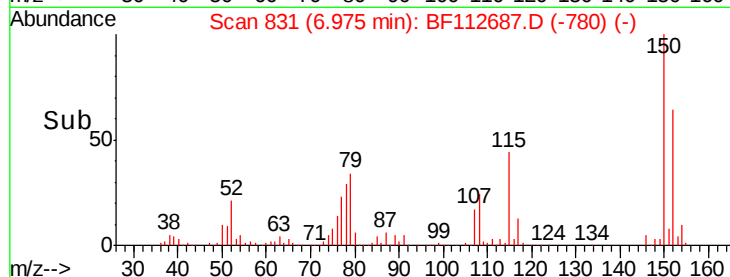
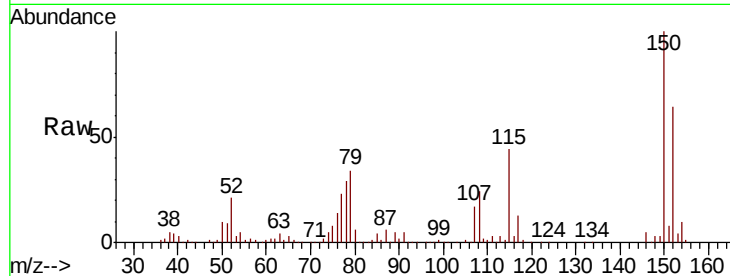




#15  
Benzyl Alcohol  
Concen: 41.928 ng  
RT: 6.97 min Scan# 831  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

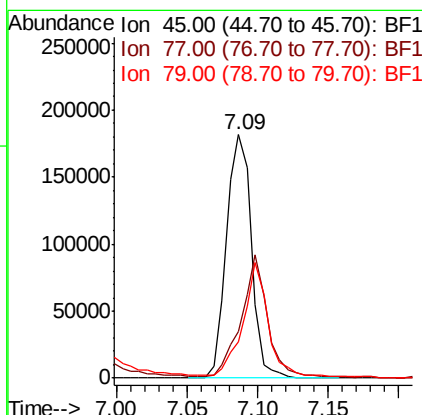
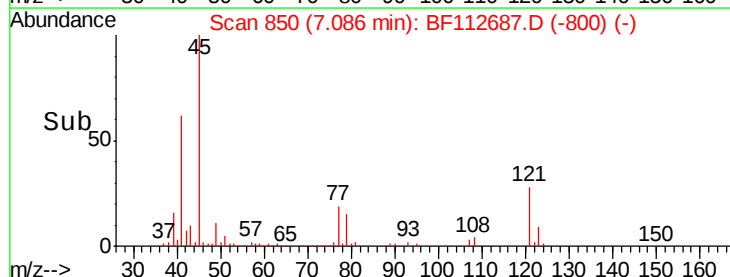
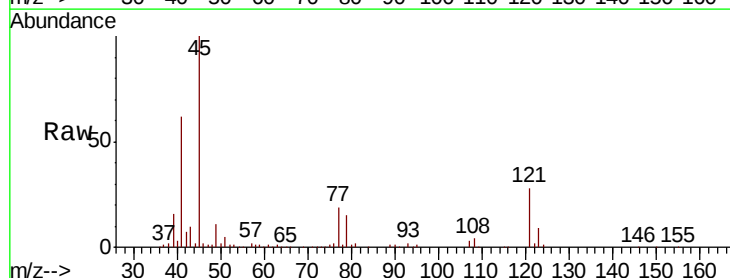
Instrument :  
BNA\_F  
ClientSampleID :  
COMPMASD

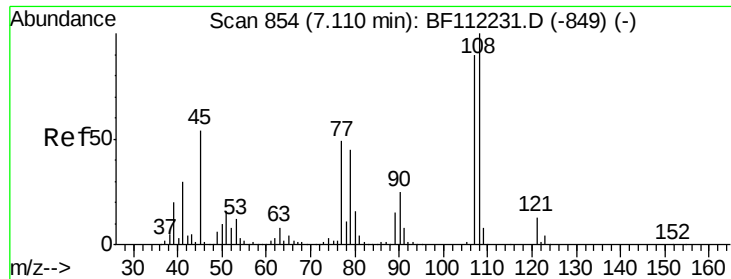
Tot Ion: 79 Resp: 188430  
Ion Ratio Lower Upper  
79 100  
108 72.6 64.2 96.2  
77 67.6 50.3 75.5



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 37.727 ng  
RT: 7.09 min Scan# 850  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Tgt Ion: 45 Resp: 223060  
Ion Ratio Lower Upper  
45 100  
77 19.0 0.0 36.9  
79 15.2 0.0 34.0

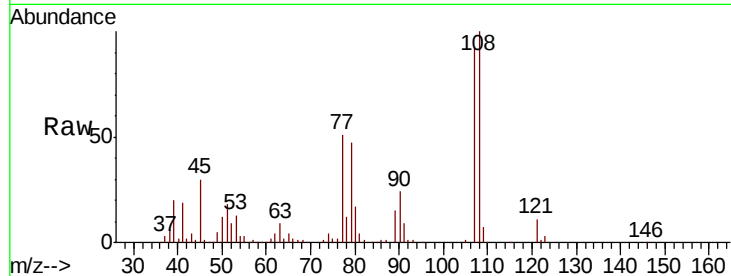




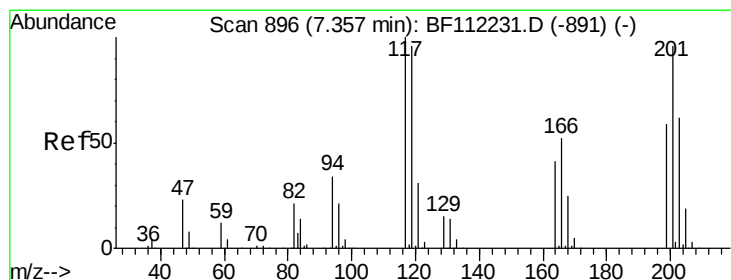
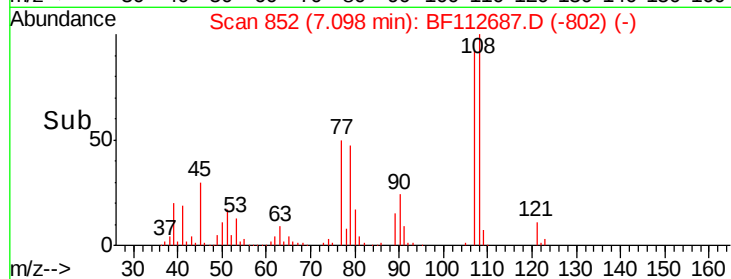
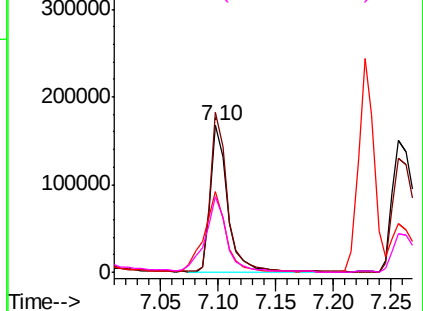
#17  
2-Methylphenol  
Concen: 41.992 ng  
RT: 7.10 min Scan# 852  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 171811 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.1 | 91.3  | 136.9  |
| 77       | 55.2  | 39.0  | 58.6   |
| 79       | 51.5  | 37.0  | 55.4   |

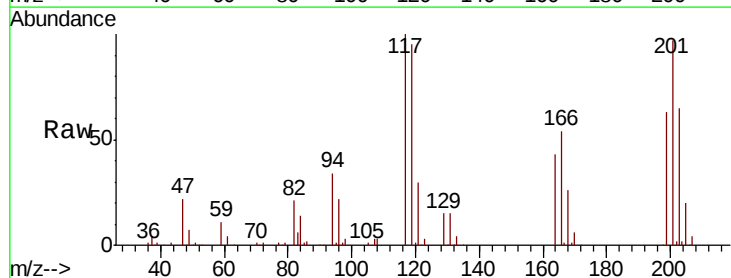


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

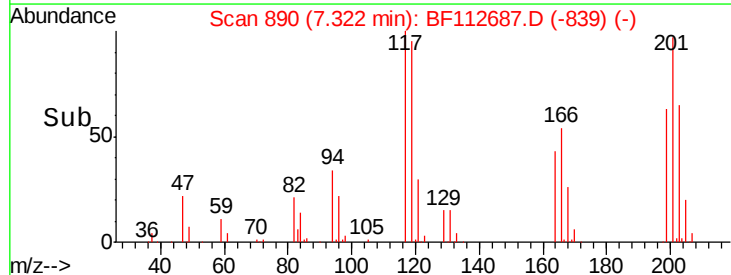
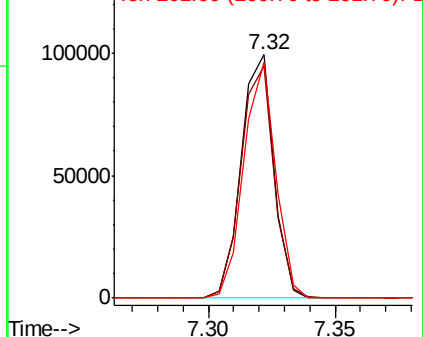


#18  
Hexachloroethane  
Concen: 40.828 ng  
RT: 7.32 min Scan# 890  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 88692 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.2  | 77.0  | 115.4 |
| 201      | 96.8  | 74.1  | 111.1 |



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

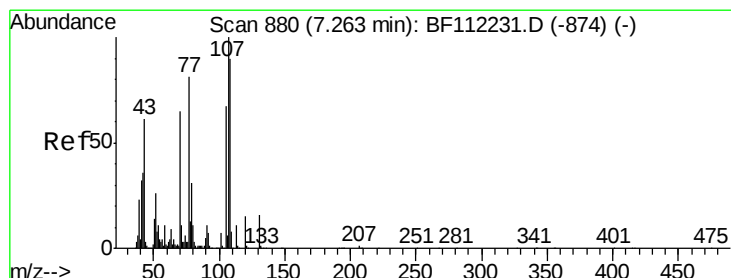
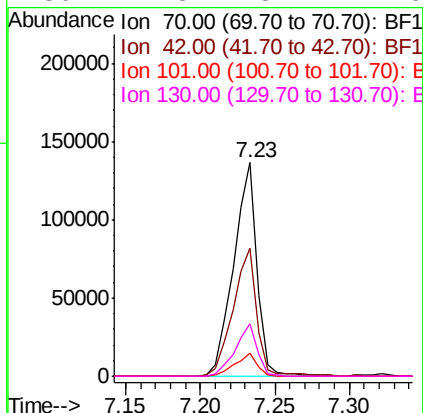
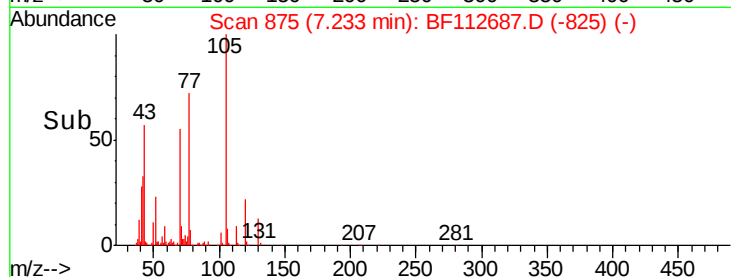
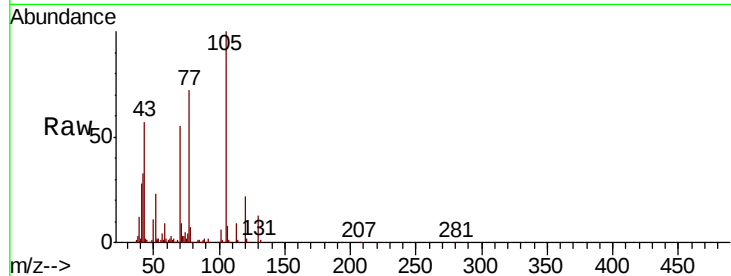




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.795 ng  
RT: 7.23 min Scan# 875  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

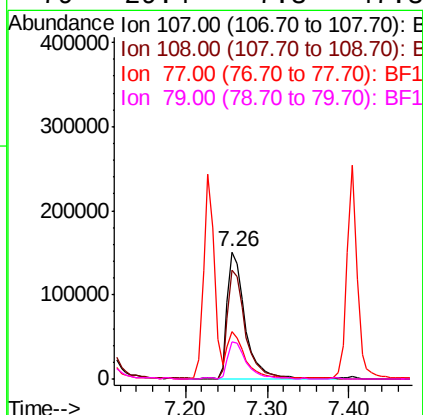
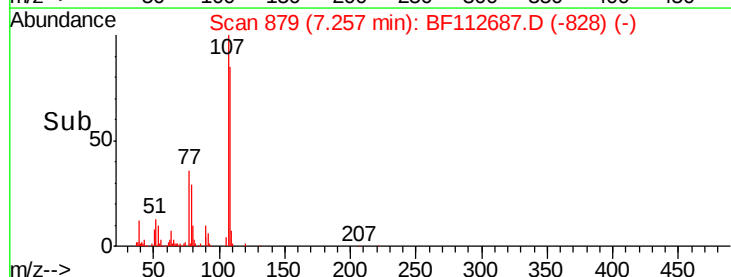
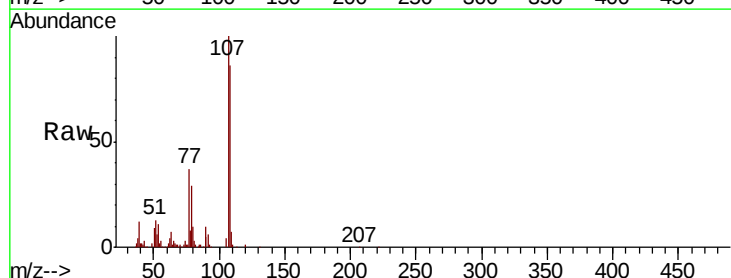
Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSD

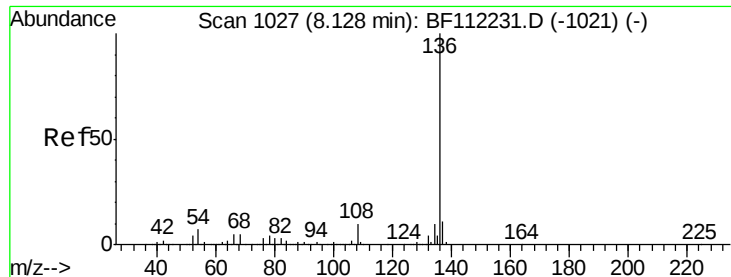
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 149968 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 59.9  | 47.6  | 71.4   |
| 101      | 10.7  | 7.9   | 11.9   |
| 130      | 24.3  | 18.4  | 27.6   |



#20  
3+4-Methylphenols  
Concen: 43.229 ng  
RT: 7.26 min Scan# 879  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 226175 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.8  | 68.2  | 108.2  |
| 77       | 37.2  | 100.7 | 140.7# |
| 79       | 29.4  | 7.3   | 47.3   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSSD

Tot Ion:136 Resp: 312246

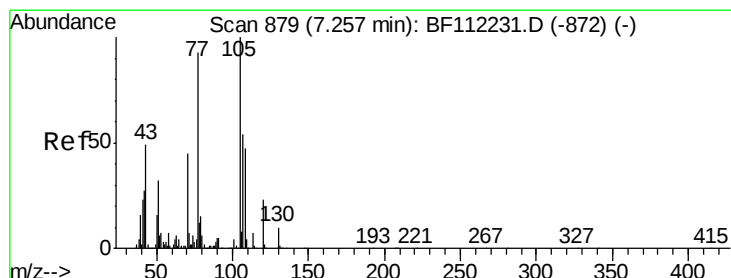
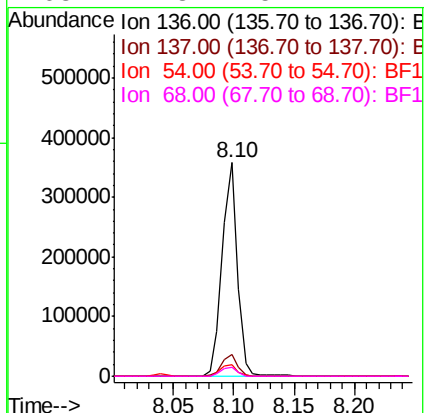
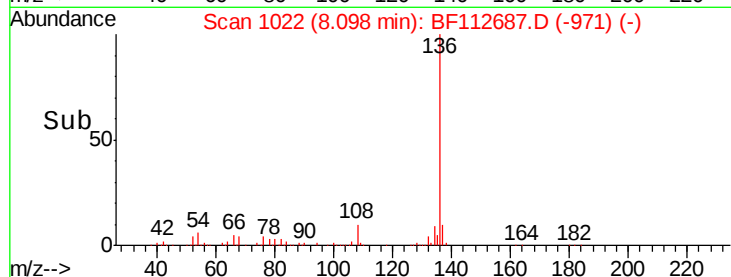
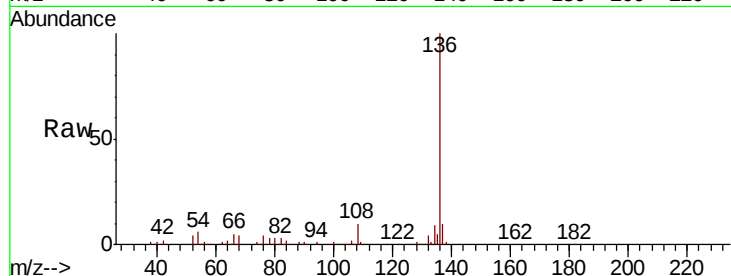
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 5.6 5.9 8.9#

68 4.3 5.1 7.7#



#22

Acetophenone

Concen: 40.520 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Tgt Ion:105 Resp: 308082

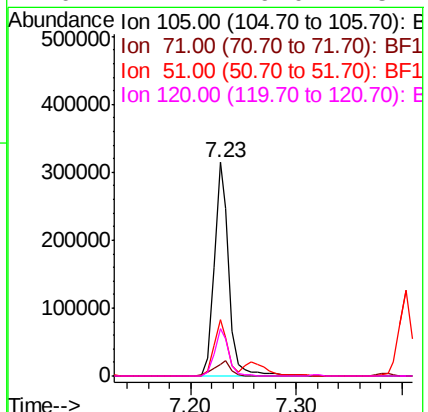
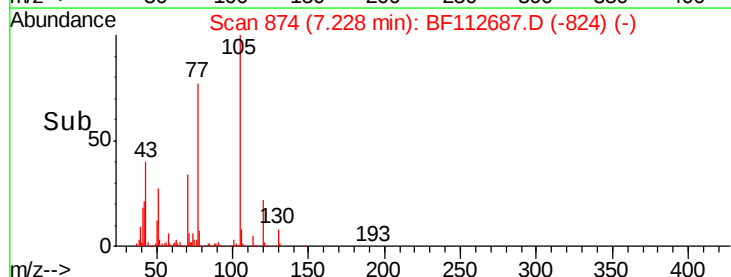
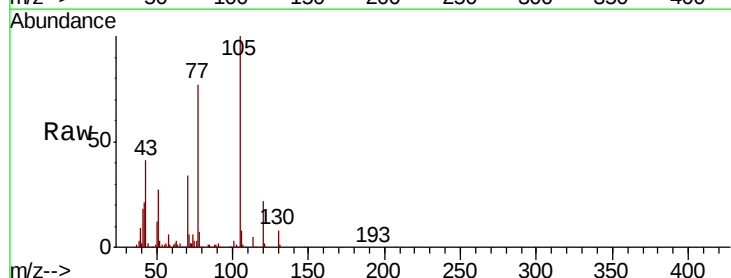
Ion Ratio Lower Upper

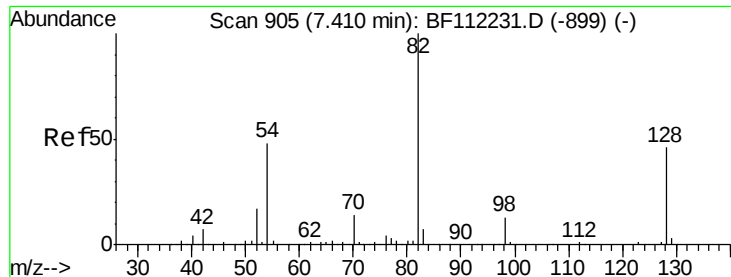
105 100

71 5.7 4.6 6.8

51 26.5 25.0 37.6

120 22.1 19.0 28.4

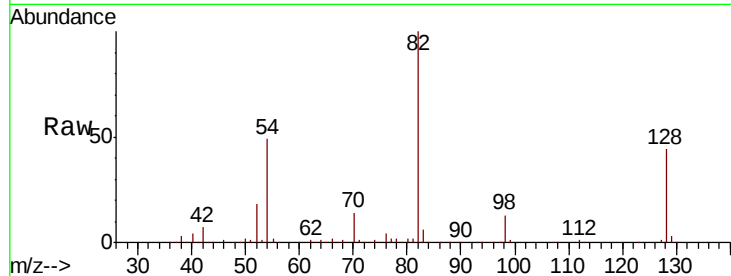




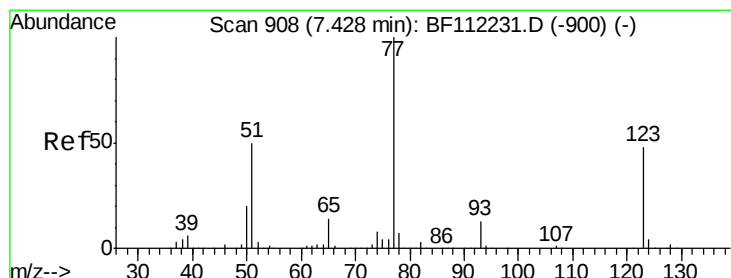
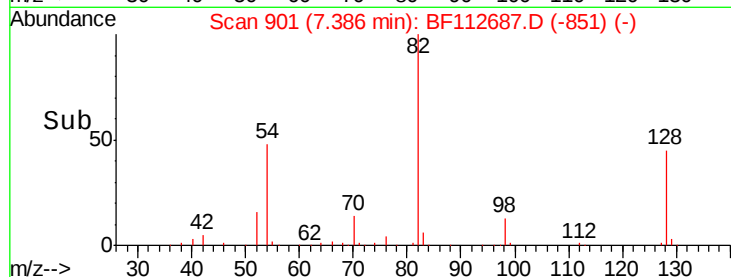
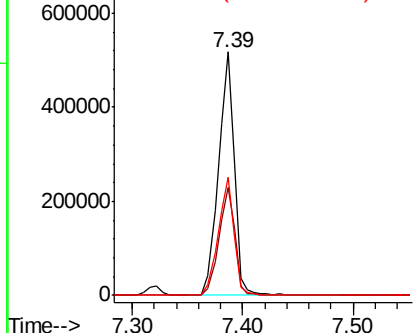
#23  
 Nitrobenzene-d5  
 Concen: 95.587 ng  
 RT: 7.39 min Scan# 901  
 Delta R.T. -0.01 min  
 Lab File: BF112687.D  
 Acq: 25 Feb 2019 12:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPMSSD

Tot Ion: 82 Resp: 517991  
 Ion Ratio Lower Upper  
 82 100  
 128 44.5 37.8 56.8  
 54 48.8 39.7 59.5

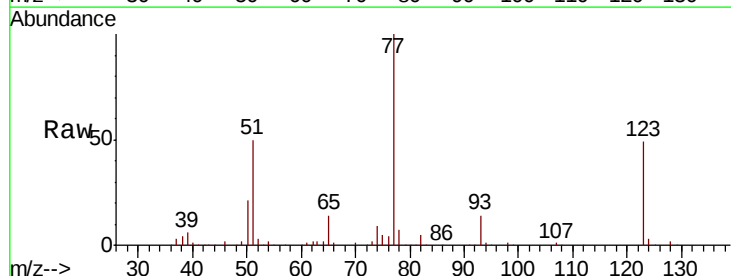


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

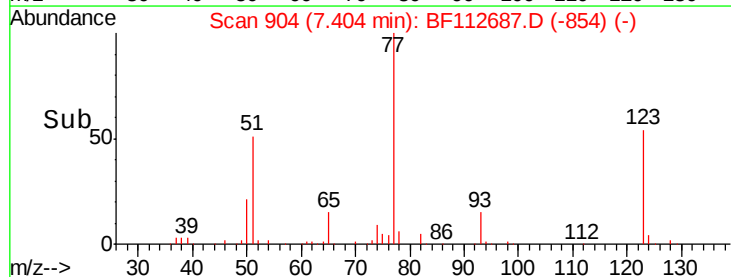
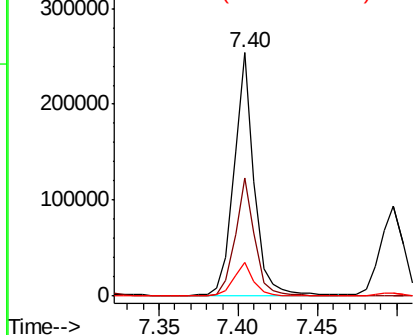


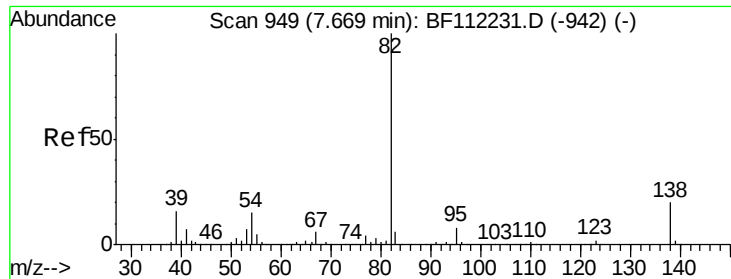
#24  
 Nitrobenzene  
 Concen: 41.359 ng  
 RT: 7.40 min Scan# 904  
 Delta R.T. -0.01 min  
 Lab File: BF112687.D  
 Acq: 25 Feb 2019 12:53

Tgt Ion: 77 Resp: 223840  
 Ion Ratio Lower Upper  
 77 100  
 123 48.8 38.4 57.6  
 65 14.0 10.6 15.8



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: 45.539 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSD

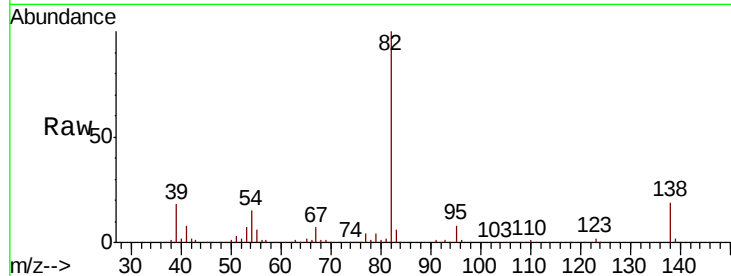
Tot Ion: 82 Resp: 387143

Ion Ratio Lower Upper

82 100

95 8.1 5.7 8.5

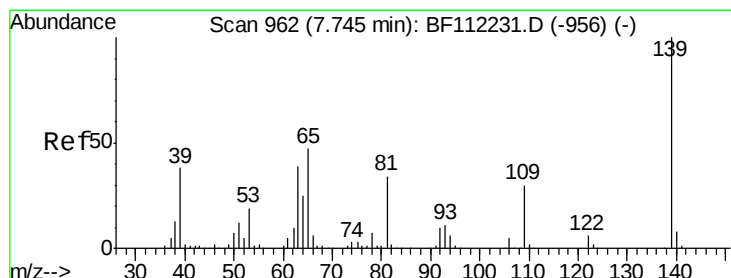
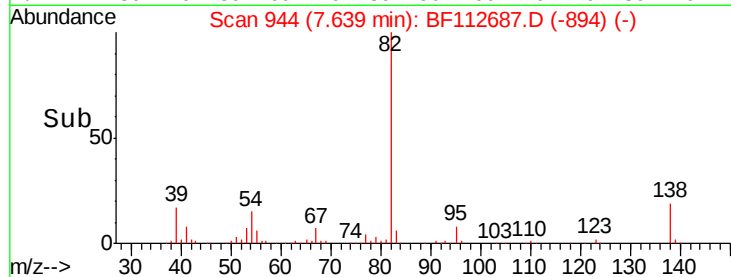
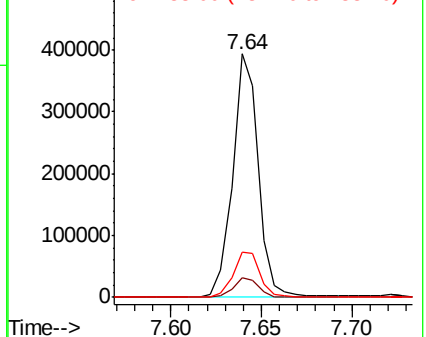
138 18.5 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.107 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

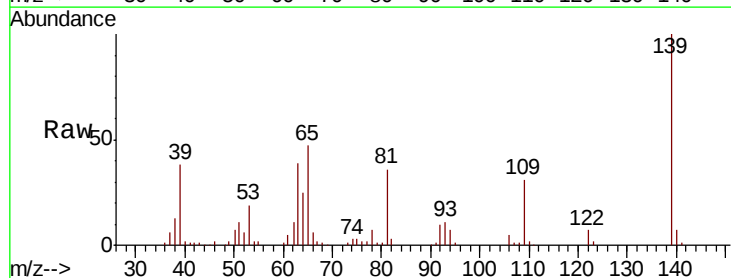
Tgt Ion: 139 Resp: 118894

Ion Ratio Lower Upper

139 100

109 31.4 20.8 31.2#

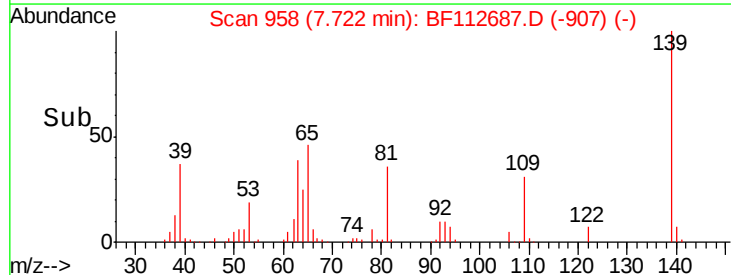
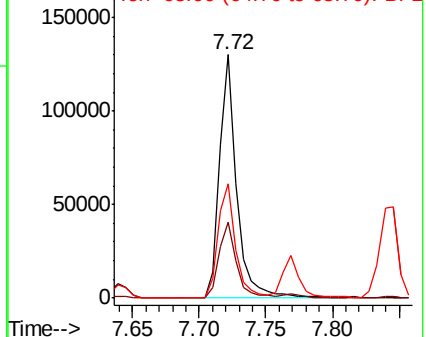
65 46.9 34.4 51.6

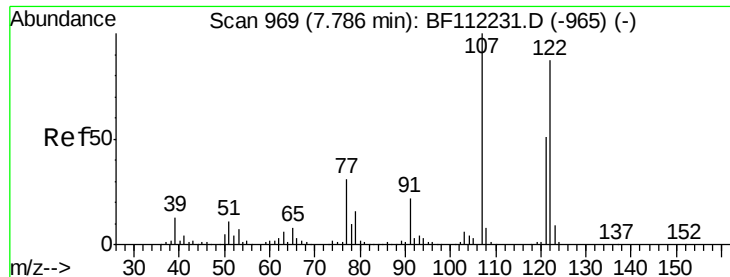


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

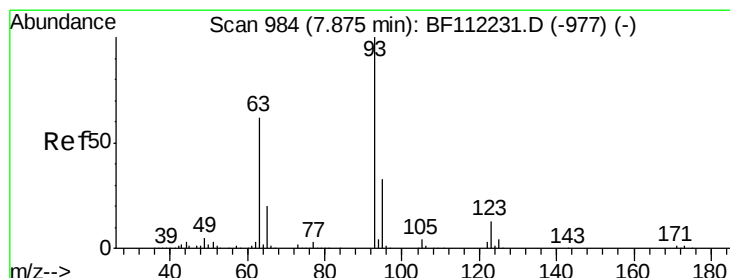
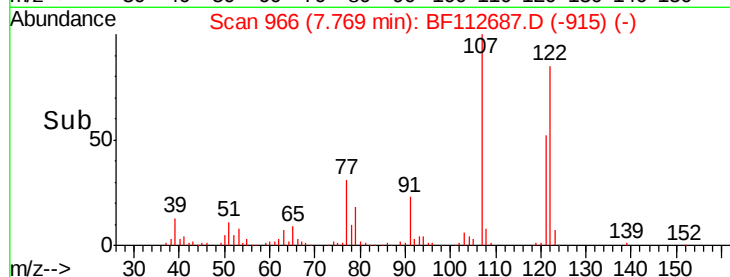
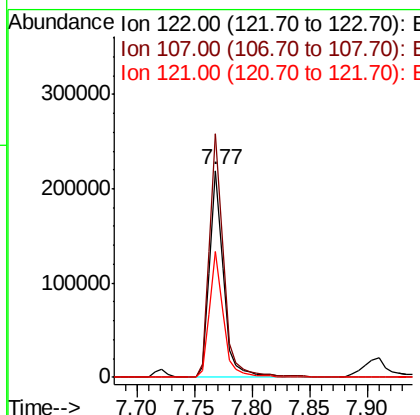
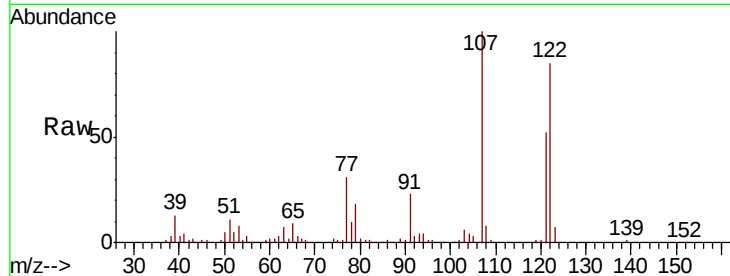




#27  
2,4-Dimethylphenol  
Concen: 46.703 ng  
RT: 7.77 min Scan# 966  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

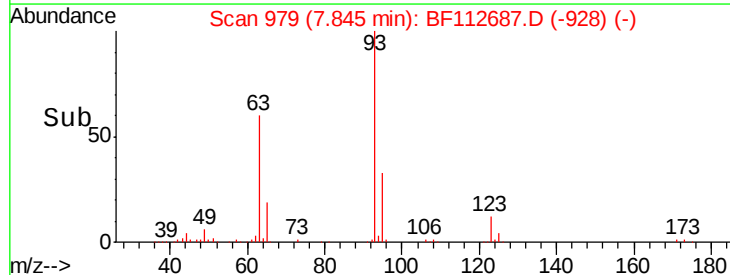
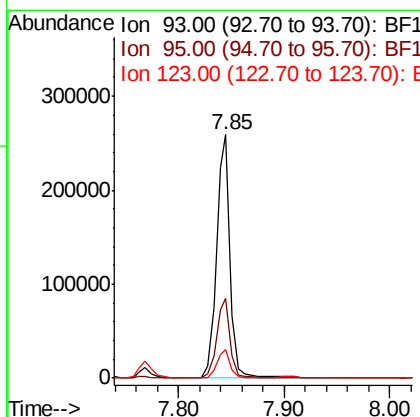
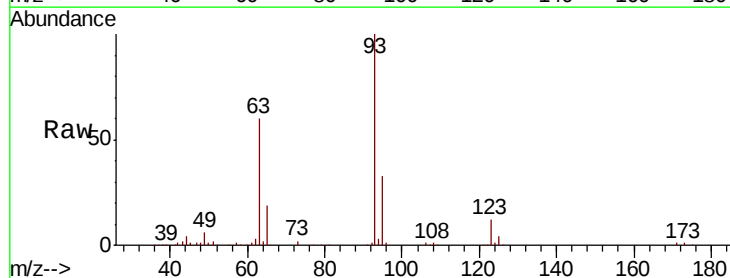
Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSSD

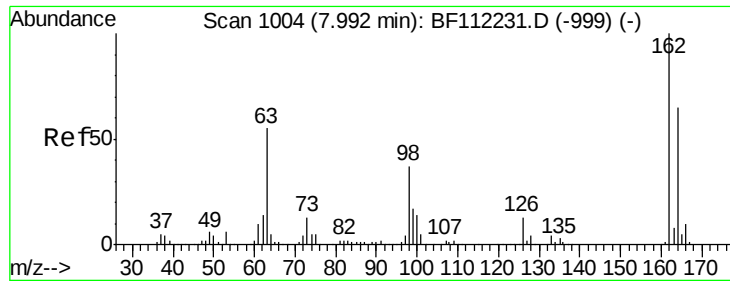
Tot Ion:122 Resp: 186105  
Ion Ratio Lower Upper  
122 100  
107 117.8 85.4 128.0  
121 61.0 47.0 70.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.024 ng  
RT: 7.85 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Tgt Ion: 93 Resp: 237477  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.8 40.2  
123 11.6 10.2 15.2

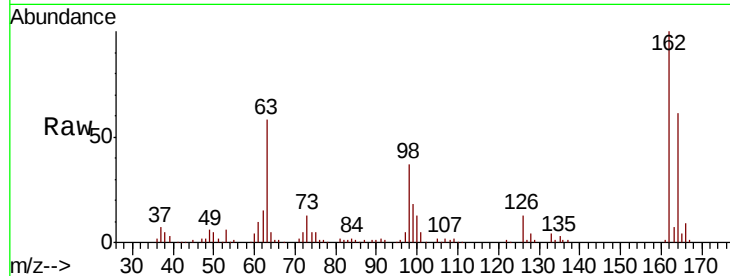




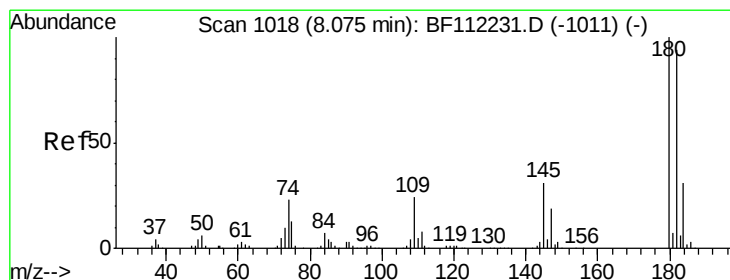
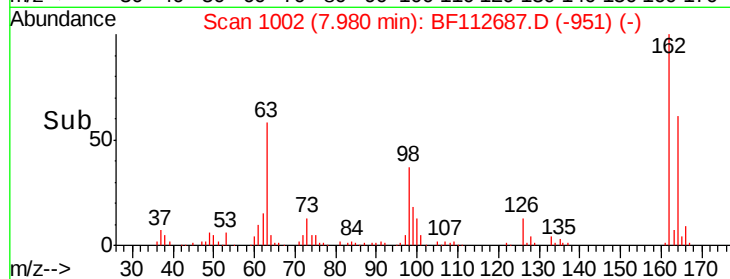
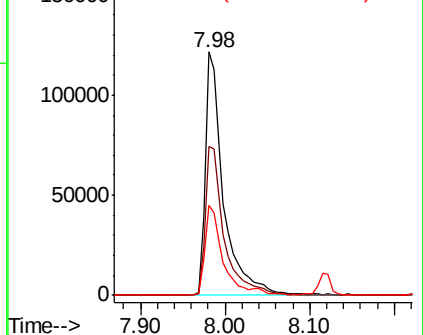
#29  
 2,4-Dichlorophenol  
 Concen: 40.729 ng  
 RT: 7.98 min Scan# 1002  
 Delta R.T. -0.00 min  
 Lab File: BF112687.D  
 Acq: 25 Feb 2019 12:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPMSSD

Tot Ion:162 Resp: 181626  
 Ion Ratio Lower Upper  
 162 100  
 164 61.3 44.6 84.6  
 98 36.8 14.6 54.6

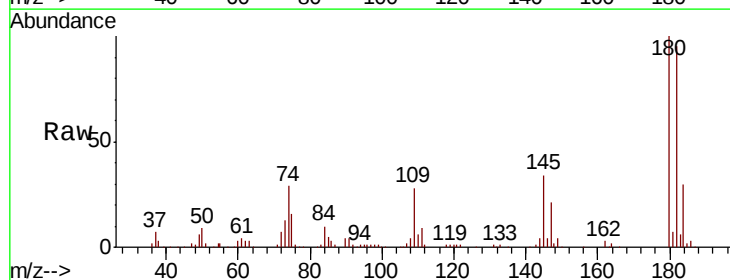


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

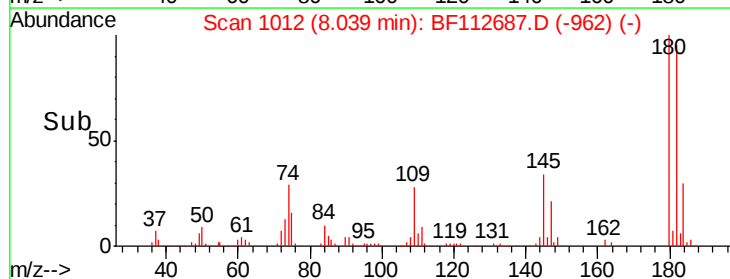
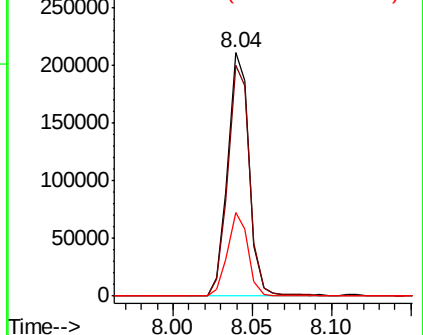


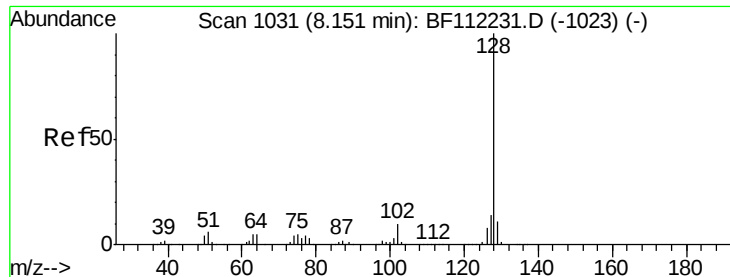
#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.838 ng  
 RT: 8.04 min Scan# 1012  
 Delta R.T. -0.01 min  
 Lab File: BF112687.D  
 Acq: 25 Feb 2019 12:53

Tgt Ion:180 Resp: 199079  
 Ion Ratio Lower Upper  
 180 100  
 182 94.7 76.4 114.6  
 145 34.4 25.0 37.4



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

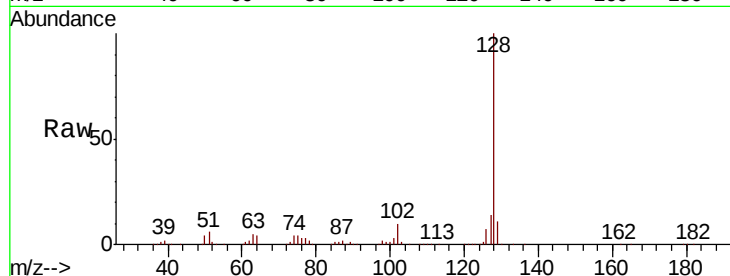




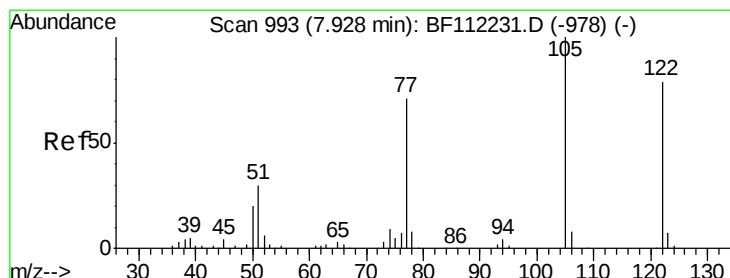
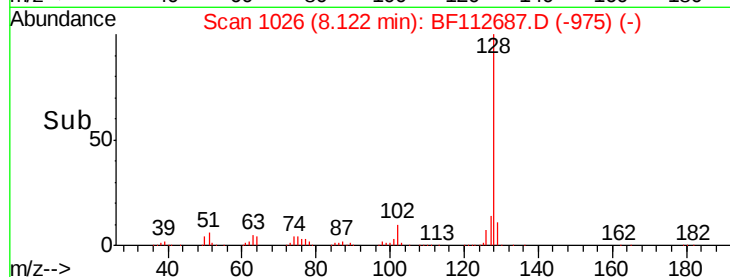
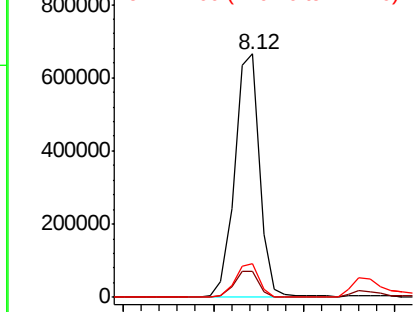
#31  
Naphthalene  
Concen: 43.753 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSSD

Tot Ion:128 Resp: 638880  
Ion Ratio Lower Upper  
128 100  
129 10.5 9.6 14.4  
127 13.9 11.1 16.7

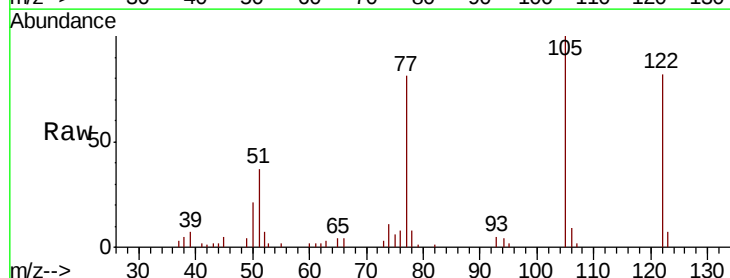


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

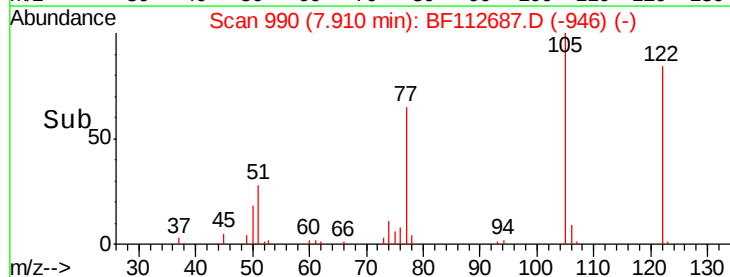
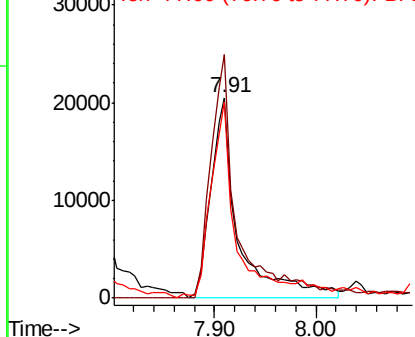


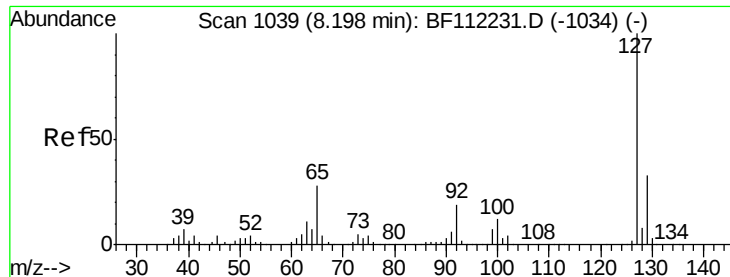
#32  
Benzoic acid  
Concen: 17.068 ng  
RT: 7.91 min Scan# 990  
Delta R.T. -0.04 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Tgt Ion:122 Resp: 38796  
Ion Ratio Lower Upper  
122 100  
105 121.6 101.2 141.2  
77 98.2 70.4 110.4



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

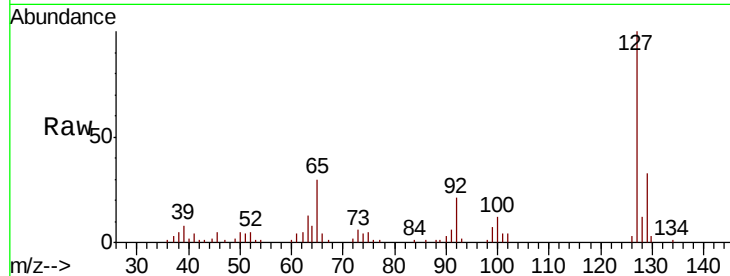




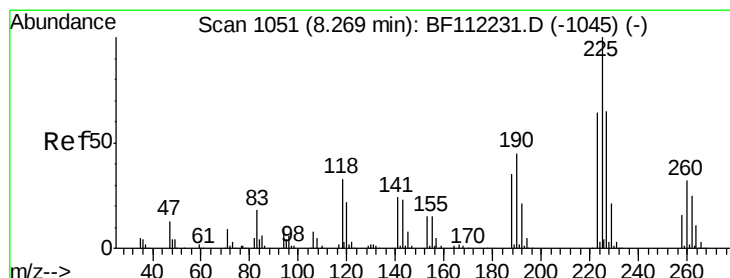
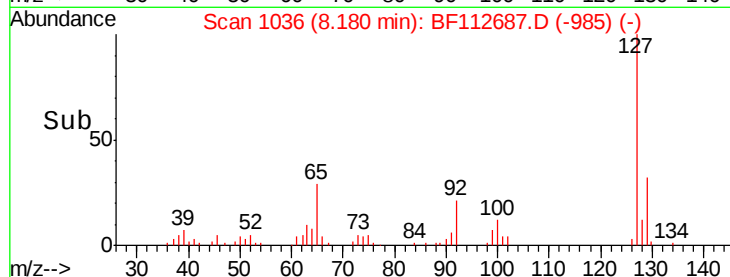
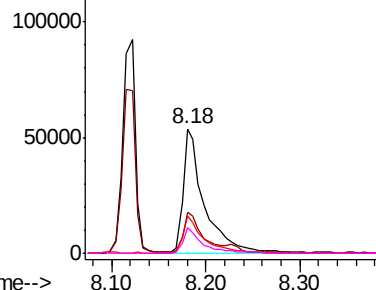
#33  
4-Chloroaniline  
Concen: 13.527 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 86006 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 33.2  | 26.6  | 39.8  |
| 65       | 30.2  | 21.4  | 32.2  |
| 92       | 20.5  | 14.2  | 21.2  |

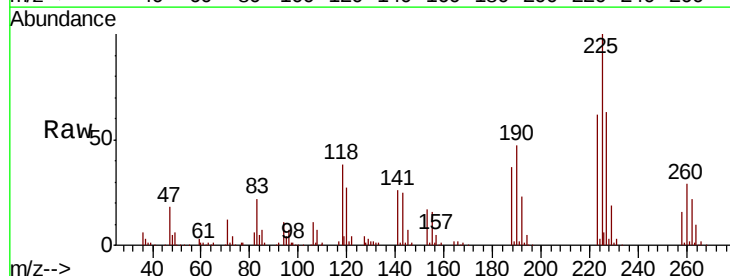


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

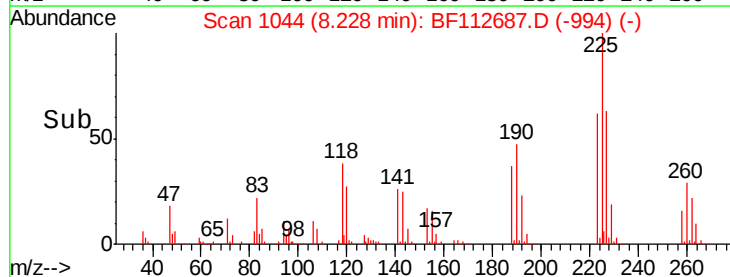
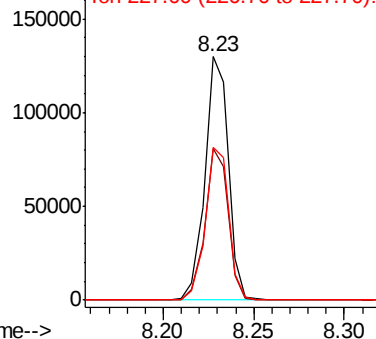


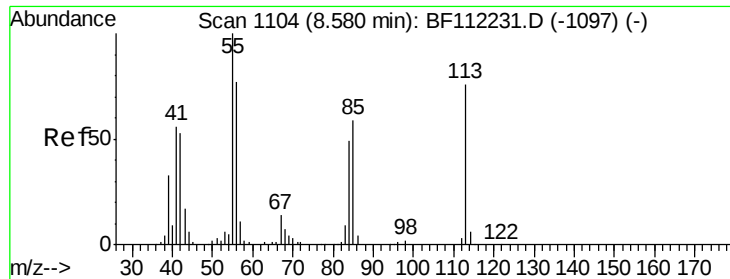
#34  
Hexachlorobutadiene  
Concen: 38.797 ng  
RT: 8.23 min Scan# 1044  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 116701 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.3  | 50.3  | 75.5   |
| 227      | 63.0  | 51.8  | 77.8   |



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

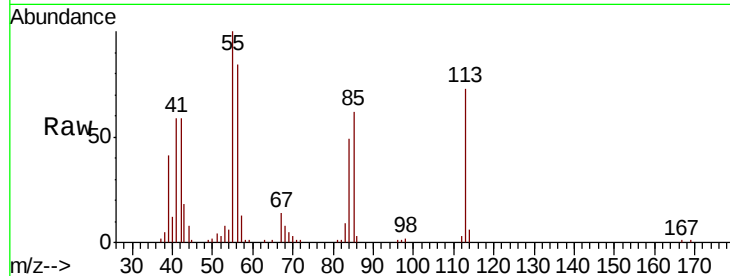




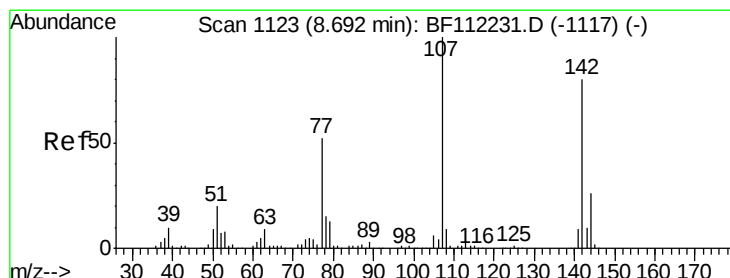
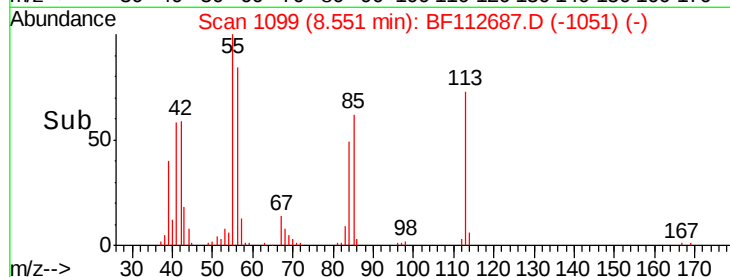
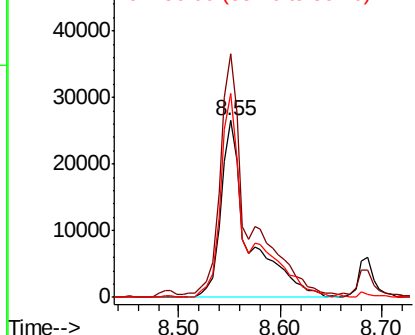
#35  
Caprolactam  
Concen: 32.148 ng  
RT: 8.55 min Scan# 1099  
Delta R.T. -0.02 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Instrument :  
BNA\_F  
ClientSampleID :  
COMPMSSD

Tot Ion:113 Resp: 50573  
Ion Ratio Lower Upper  
113 100  
55 137.7 121.6 161.6  
56 115.4 86.7 126.7

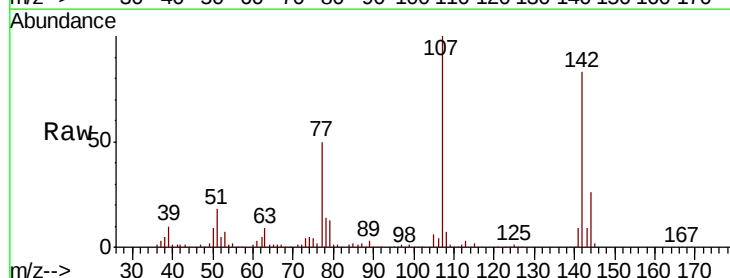


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

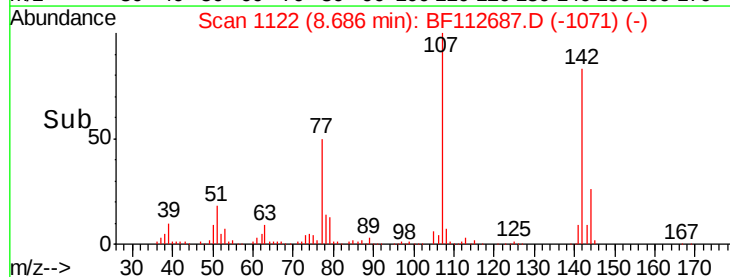
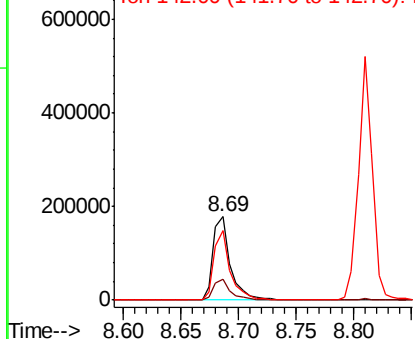


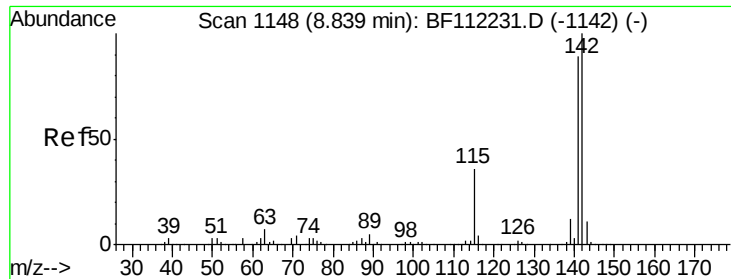
#36  
4-Chloro-3-methylphenol  
Concen: 39.703 ng  
RT: 8.69 min Scan# 1122  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Tgt Ion:107 Resp: 187430  
Ion Ratio Lower Upper  
107 100  
144 25.6 22.2 33.2  
142 83.4 67.7 101.5



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

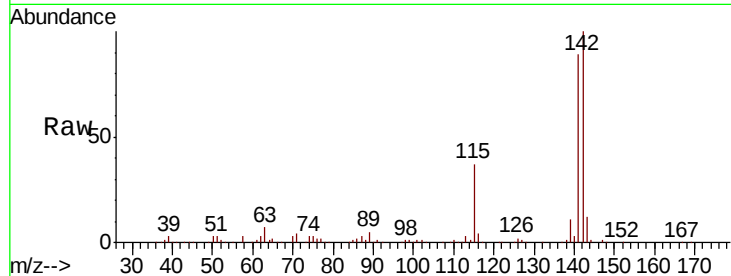




#37  
2-Methylnaphthalene  
Concen: 44.008 ng  
RT: 8.81 min Scan# 1143  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.5  | 70.9  | 106.3 |
| 115     | 36.8  | 24.9  | 37.3  |

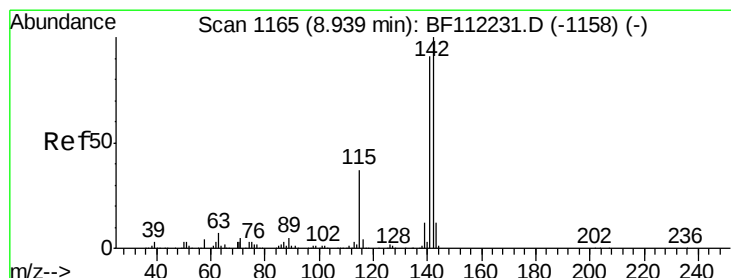
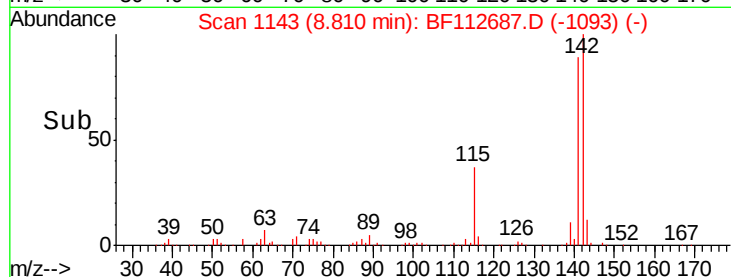
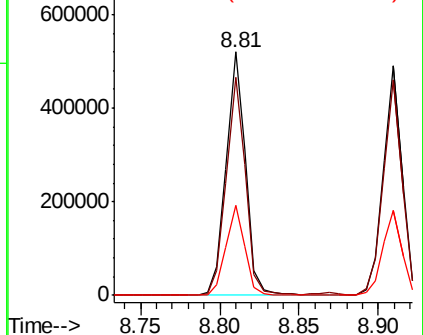


Abundance

Ion 142.00 (141.70 to 142.70): E

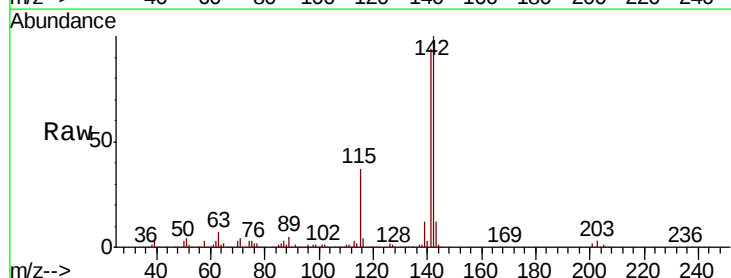
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 42.097 ng  
RT: 8.91 min Scan# 1160  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.1  | 72.6  | 108.8 |
| 116     | 3.8   | 2.8   | 4.2   |

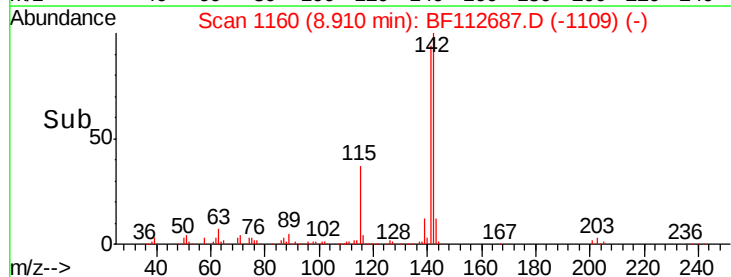
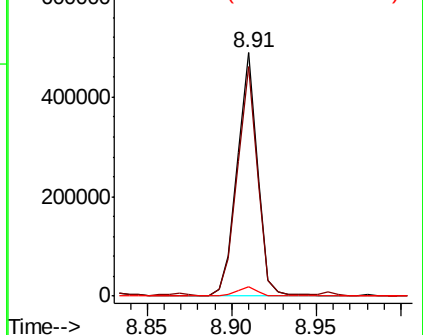


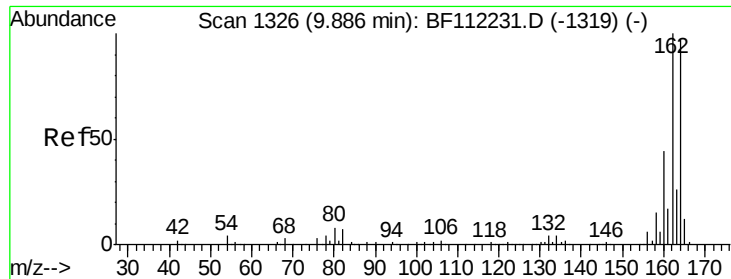
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

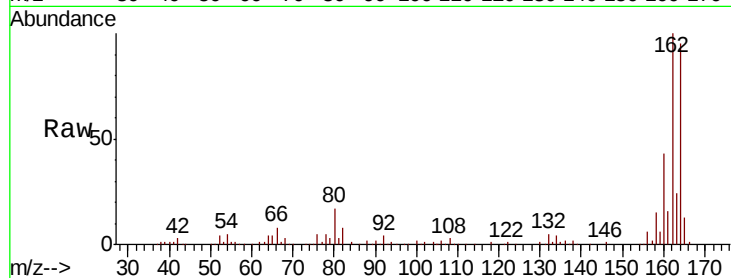




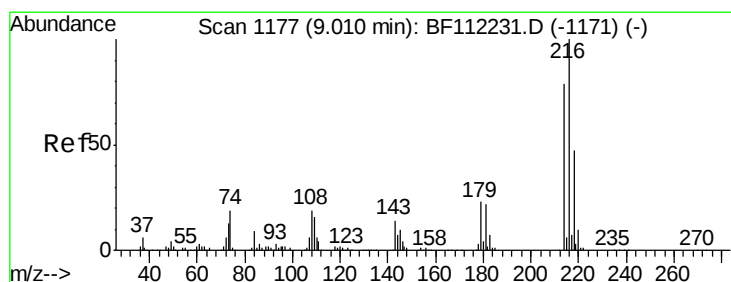
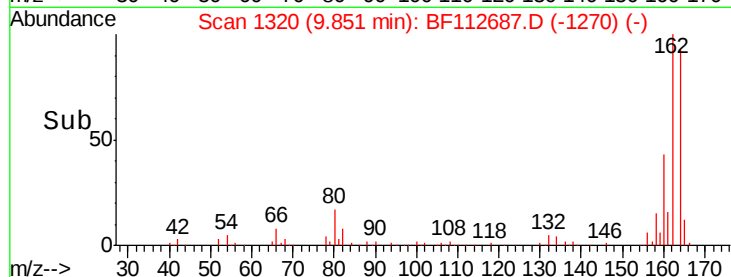
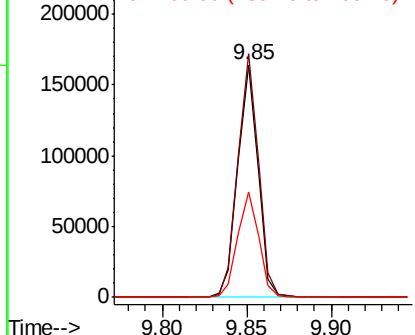
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSD

Tot Ion:164 Resp: 137098  
Ion Ratio Lower Upper  
164 100  
162 104.9 82.2 123.4  
160 45.1 36.2 54.4

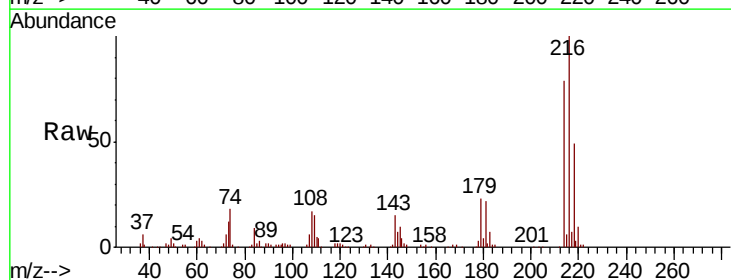


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

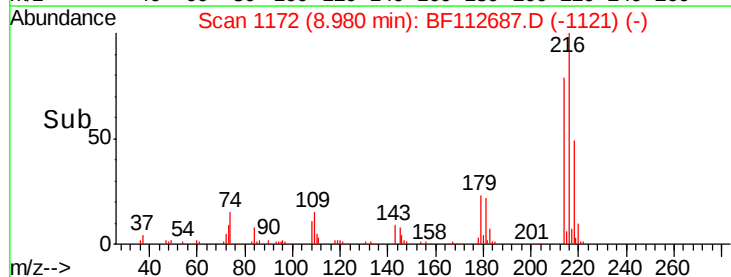
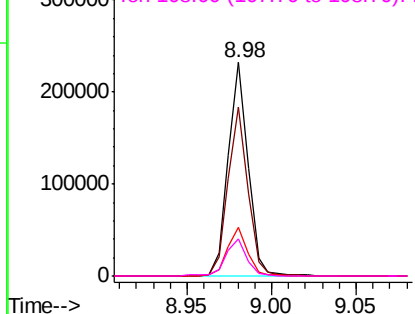


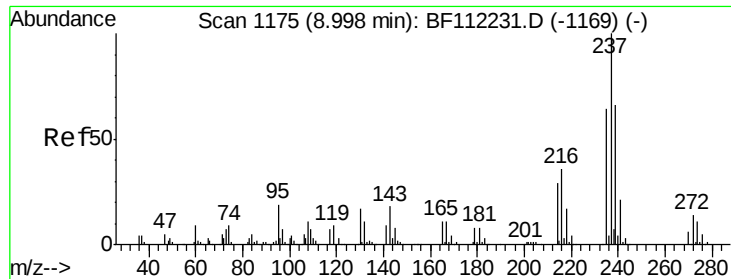
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.291 ng  
RT: 8.98 min Scan# 1172  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Tgt Ion:216 Resp: 190368  
Ion Ratio Lower Upper  
216 100  
214 79.1 63.8 95.6  
179 22.6 16.9 25.3  
108 18.6 14.2 21.4



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: 27.148 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSD

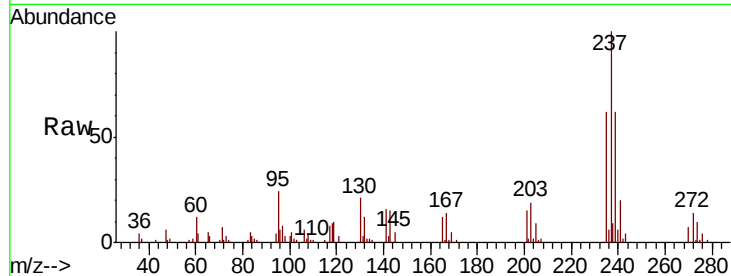
Tot Ion:237 Resp: 34159

Ion Ratio Lower Upper

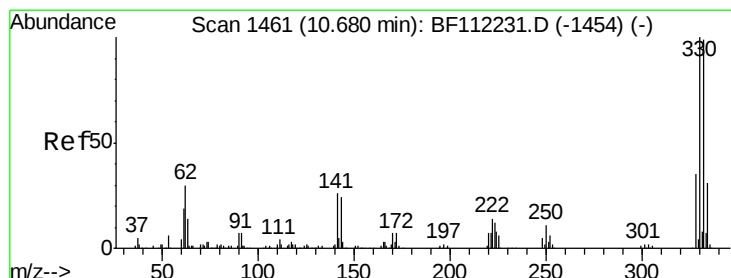
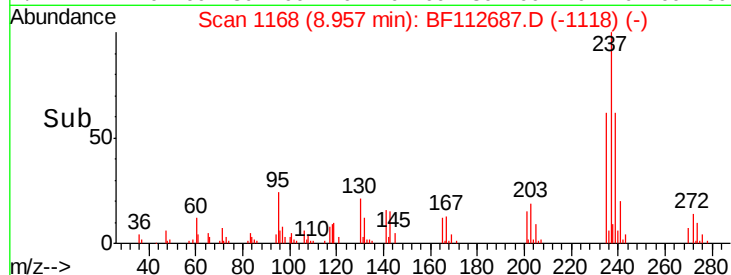
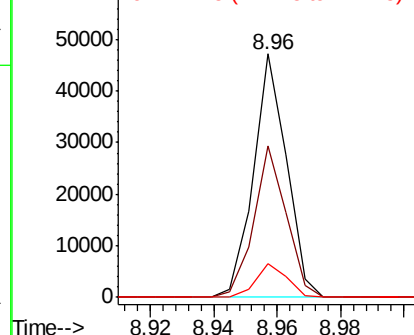
237 100

235 62.0 44.0 84.0

272 13.6 0.0 33.3



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: 125.448 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

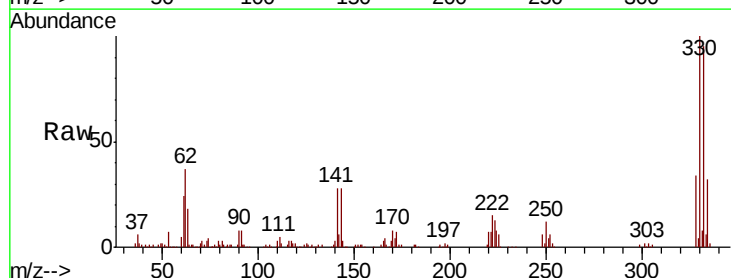
Tgt Ion:330 Resp: 200188

Ion Ratio Lower Upper

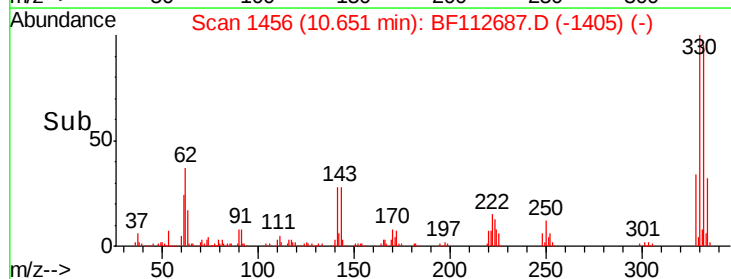
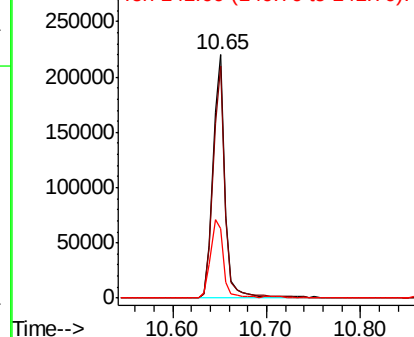
330 100

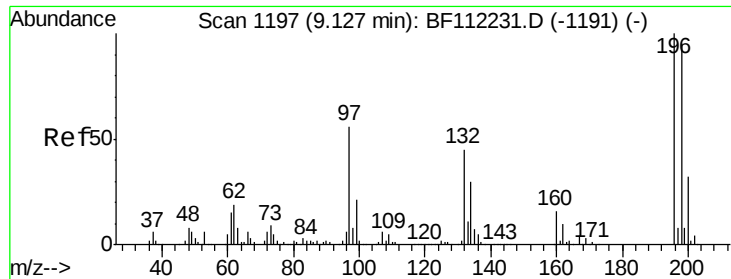
332 94.1 76.6 114.8

141 34.2 24.3 36.5



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

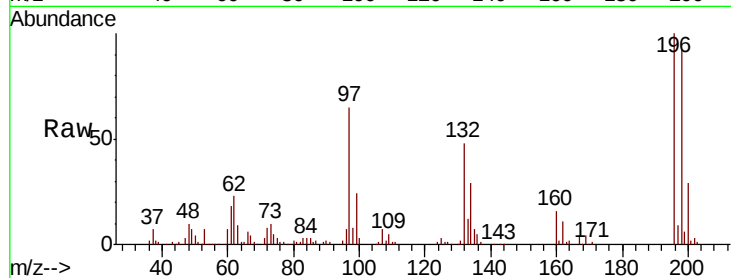




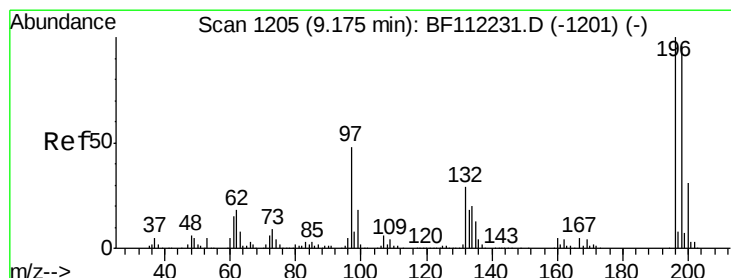
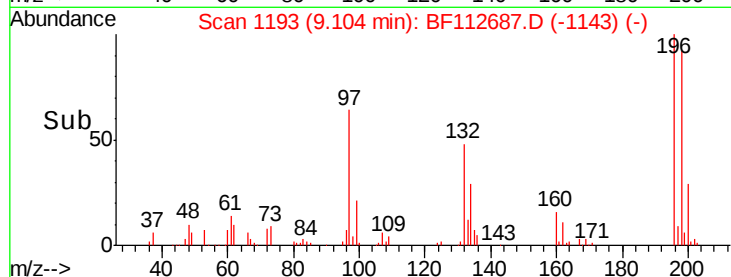
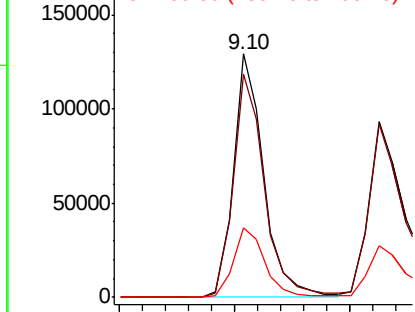
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.417 ng  
 RT: 9.10 min Scan# 1193  
 Delta R.T. -0.01 min  
 Lab File: BF112687.D  
 Acq: 25 Feb 2019 12:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPMASD

Tot Ion:196 Resp: 117695  
 Ion Ratio Lower Upper  
 196 100  
 198 91.5 76.2 114.4  
 200 28.6 24.3 36.5

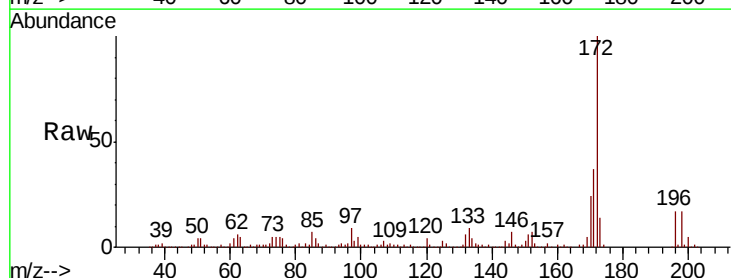


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

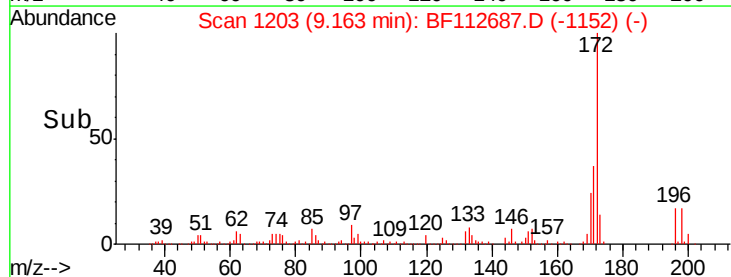
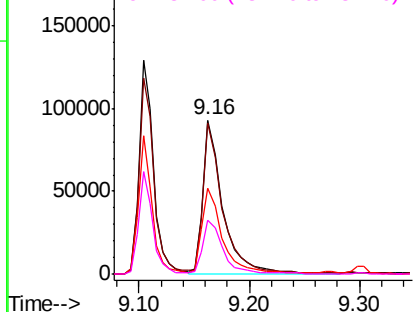


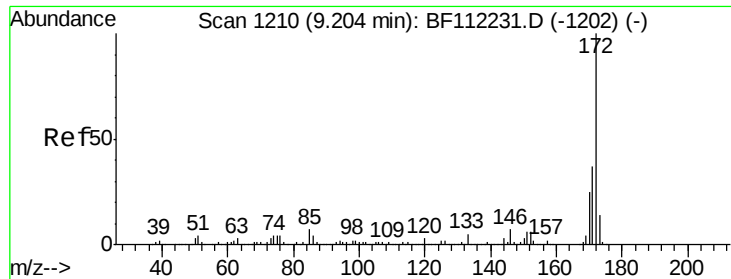
#44  
 2,4,5-Trichlorophenol  
 Concen: 38.721 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. -0.00 min  
 Lab File: BF112687.D  
 Acq: 25 Feb 2019 12:53

Tgt Ion:196 Resp: 112290  
 Ion Ratio Lower Upper  
 196 100  
 198 98.5 76.0 114.0  
 97 55.4 36.4 54.6#  
 132 34.7 21.5 32.3#



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

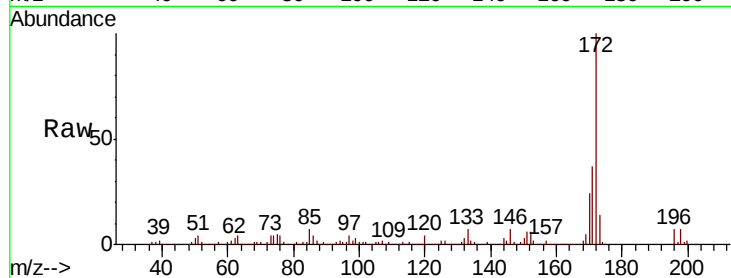




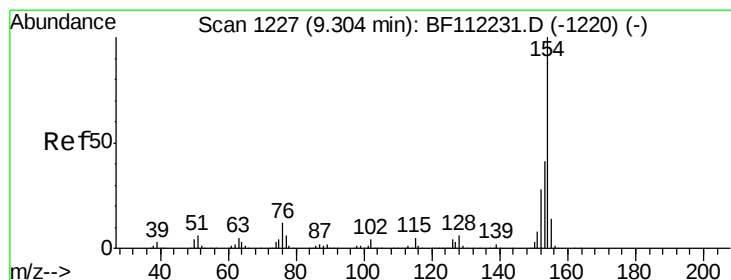
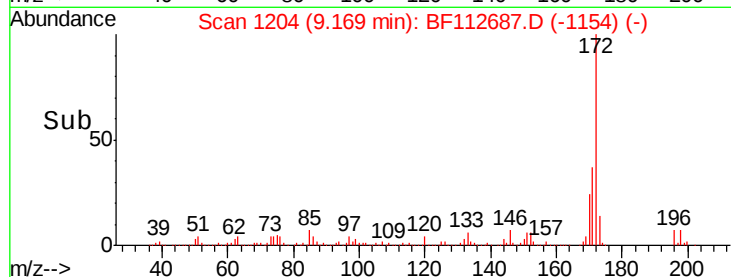
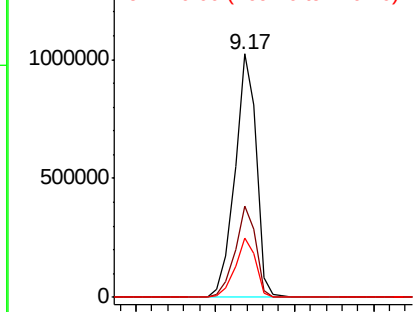
#45  
2-Fluorobiphenyl  
Concen: 98.448 ng  
RT: 9.17 min Scan# 1204  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSSD

Tot Ion:172 Resp: 954300  
Ion Ratio Lower Upper  
172 100  
171 37.3 30.5 45.7  
170 24.1 20.2 30.4

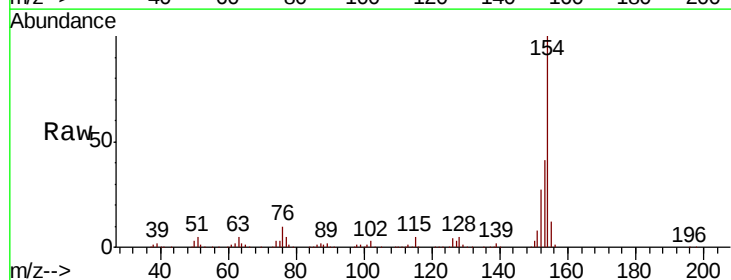


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

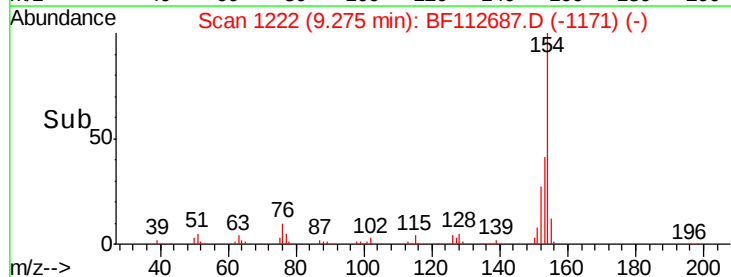
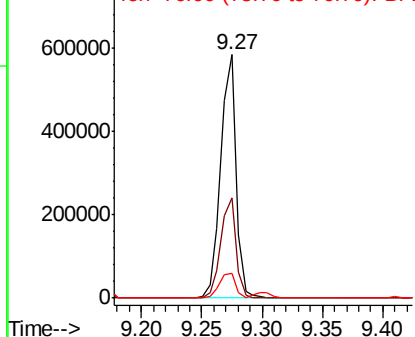


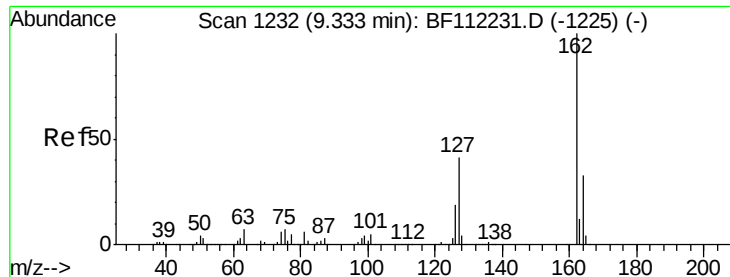
#46  
1,1'-Biphenyl  
Concen: 42.710 ng  
RT: 9.27 min Scan# 1222  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Tgt Ion:154 Resp: 511906  
Ion Ratio Lower Upper  
154 100  
153 41.0 21.5 61.5  
76 10.4 0.0 33.1



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

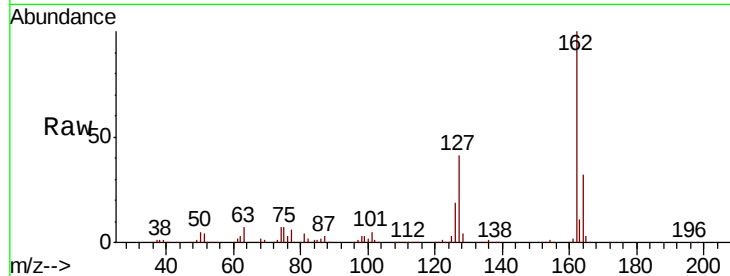




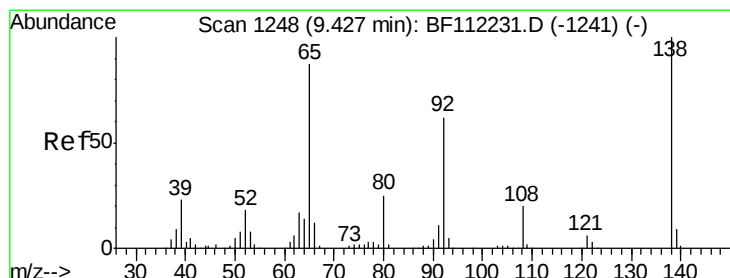
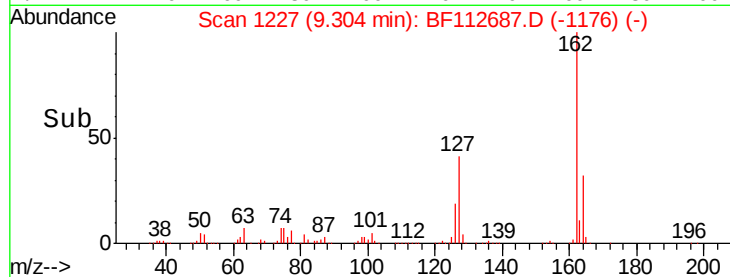
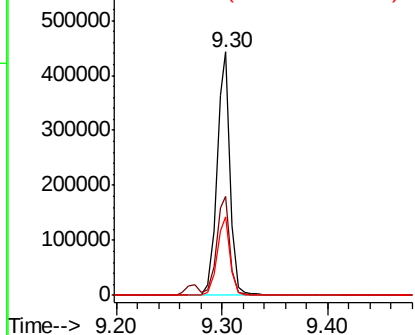
#47  
2-Chloronaphthalene  
Concen: 41.963 ng  
RT: 9.30 min Scan# 1227  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.7  | 30.4  | 45.6  |
| 164     | 32.2  | 27.4  | 41.2  |

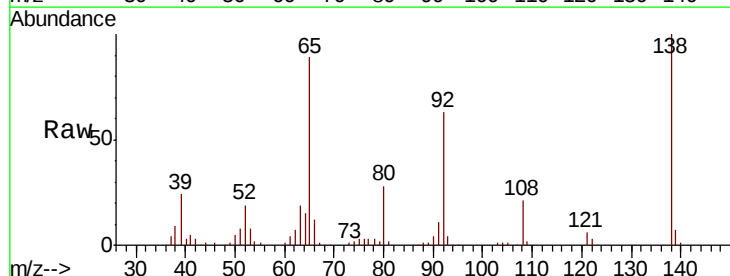


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

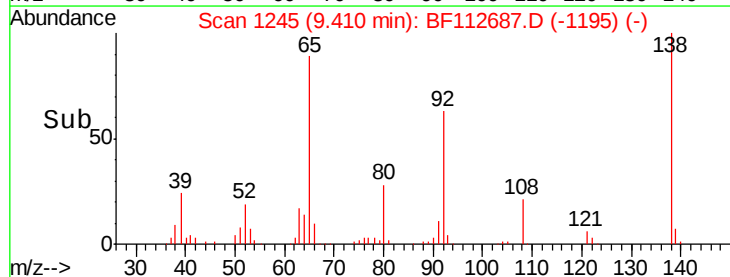
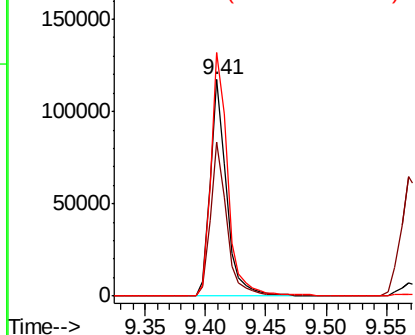


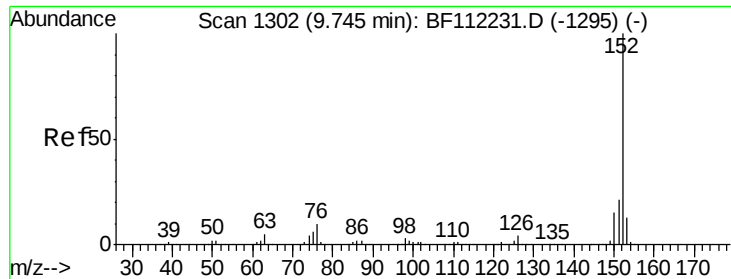
#48  
2-Nitroaniline  
Concen: 43.373 ng  
RT: 9.41 min Scan# 1245  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.9  | 60.4  | 90.6  |
| 138     | 112.4 | 104.4 | 156.6 |



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





#49

Acenaphthylene

Concen: 45.798 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSD

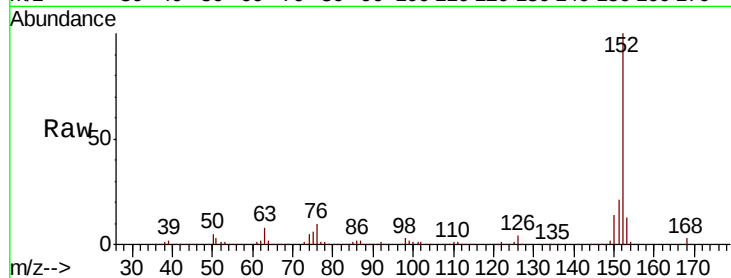
Tot Ion:152 Resp: 623905

Ion Ratio Lower Upper

152 100

151 20.7 17.0 25.6

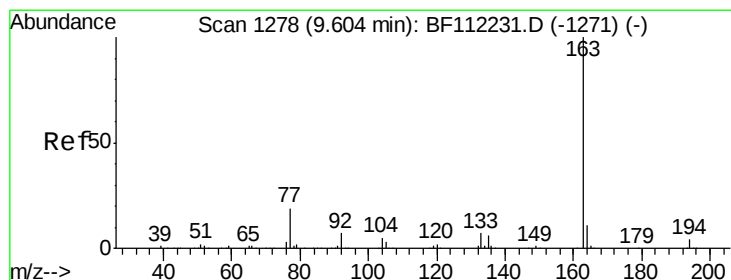
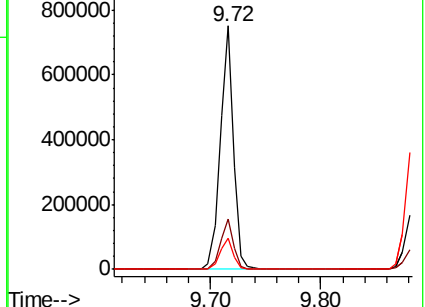
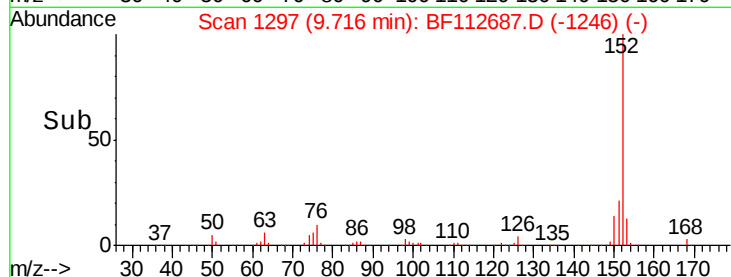
153 13.0 11.2 16.8



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: 46.683 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

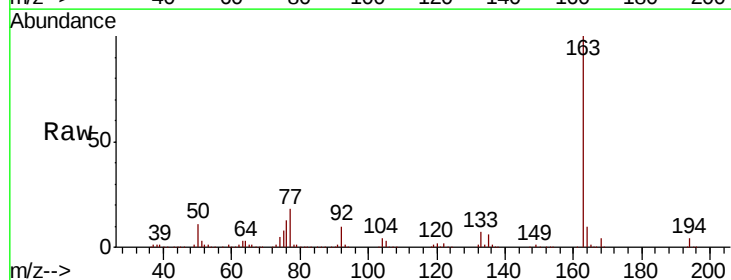
Tgt Ion:163 Resp: 497257

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

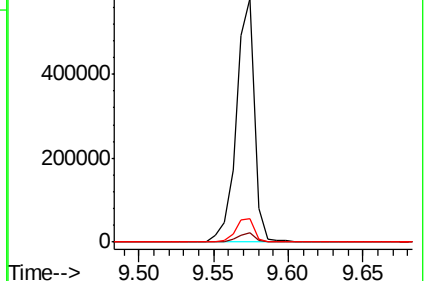
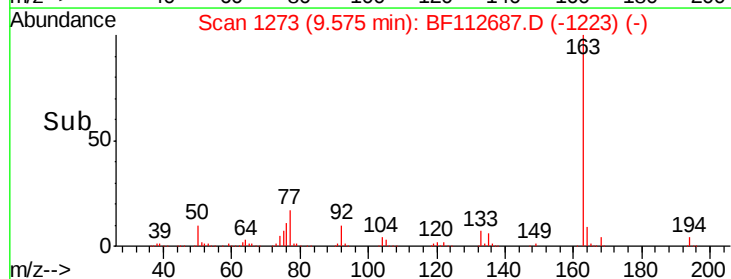
164 9.5 8.5 12.7

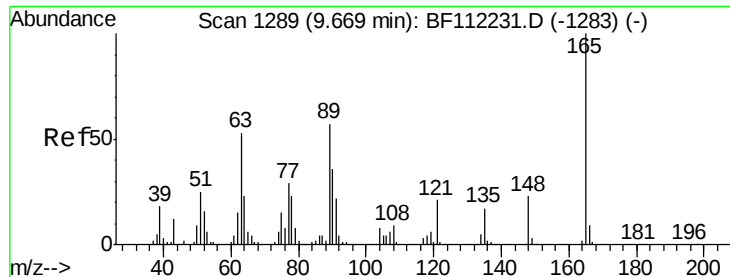


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.542 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSSD

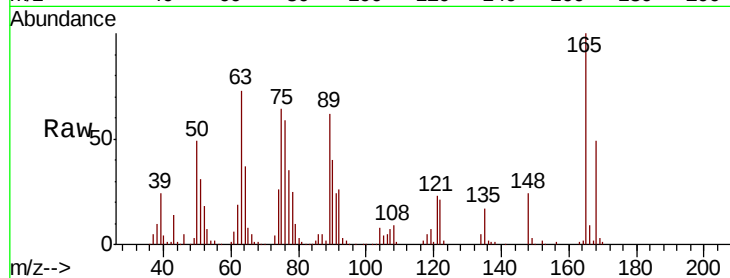
Tot Ion:165 Resp: 96717

Ion Ratio Lower Upper

165 100

63 73.2 33.8 50.8#

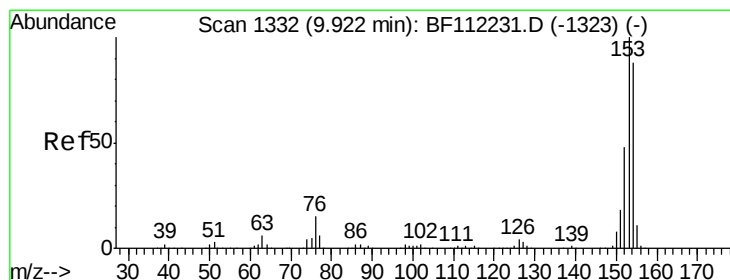
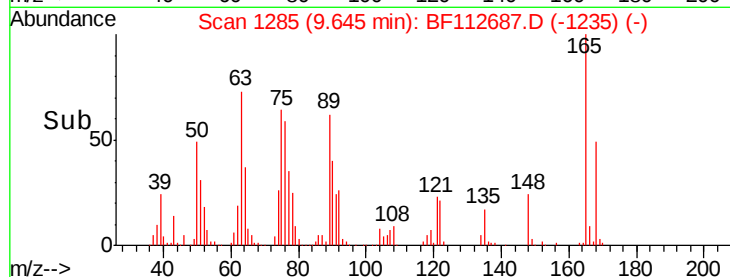
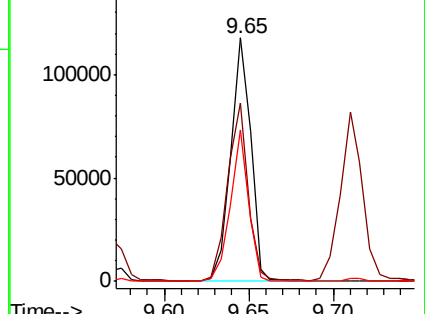
89 62.3 36.9 55.3#



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: 43.782 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

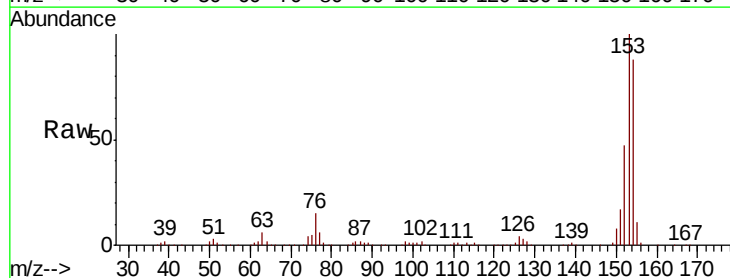
Tgt Ion:154 Resp: 356299

Ion Ratio Lower Upper

154 100

153 113.7 89.8 134.6

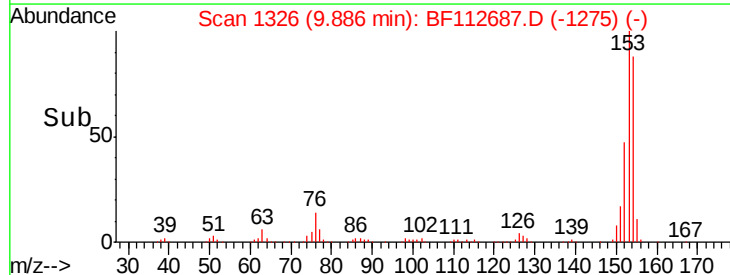
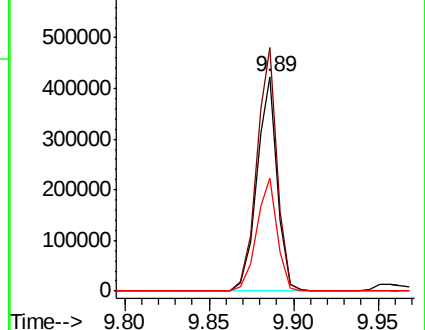
152 53.0 43.5 65.3

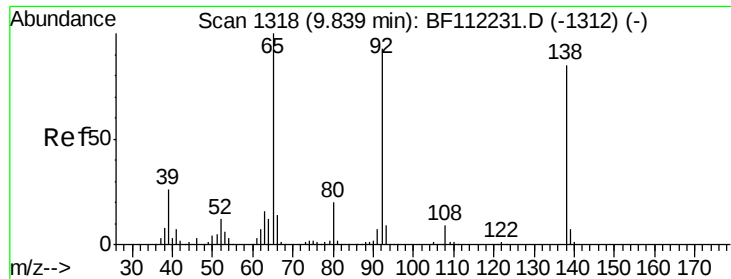


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

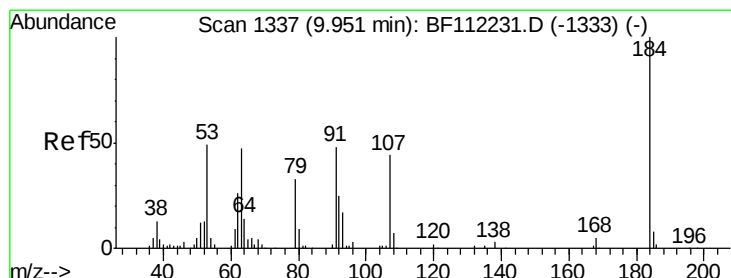
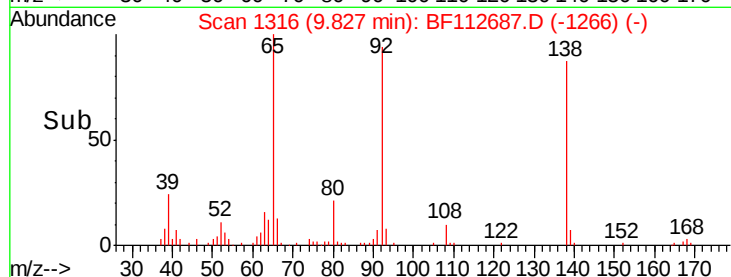
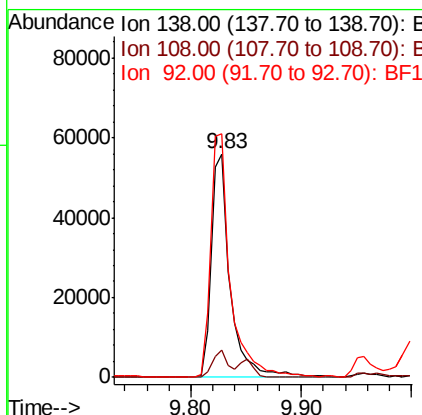
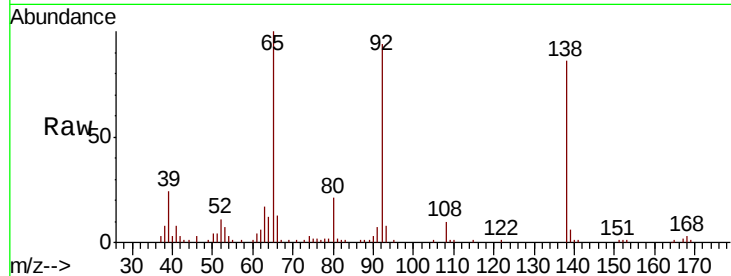




#53  
3-Nitroaniline  
Concen: 25.284 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

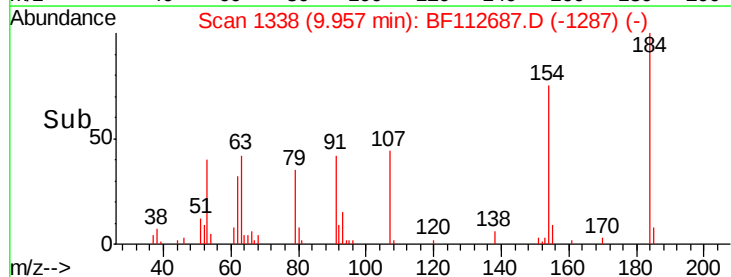
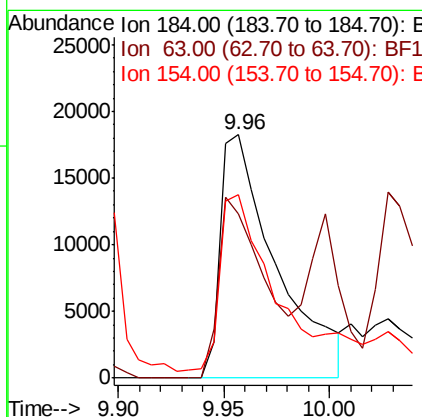
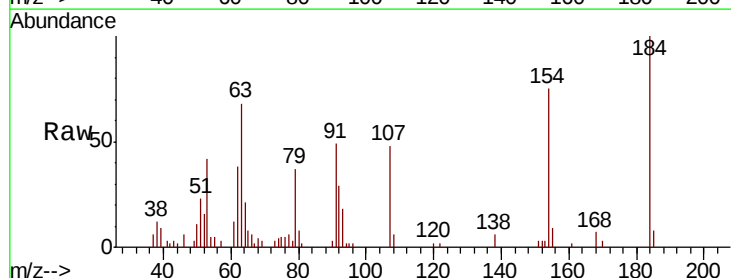
Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSD

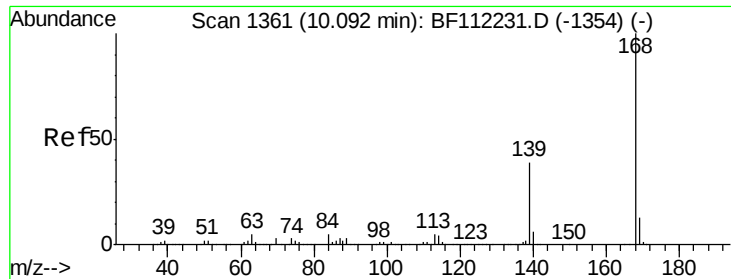
Tot Ion:138 Resp: 65347  
Ion Ratio Lower Upper  
138 100  
108 12.0 9.8 14.6  
92 108.9 79.4 119.2



#54  
2,4-Dinitrophenol  
Concen: 43.577 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Tgt Ion:184 Resp: 33363  
Ion Ratio Lower Upper  
184 100  
63 67.7 47.1 70.7  
154 75.3 48.9 73.3#

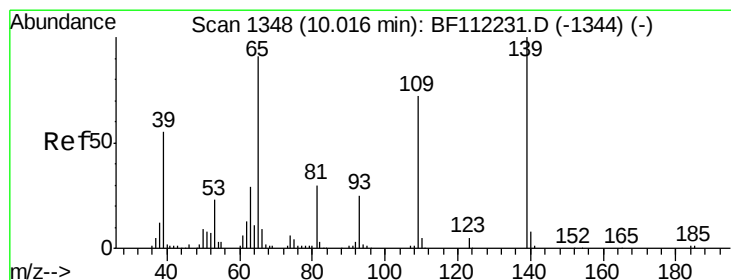
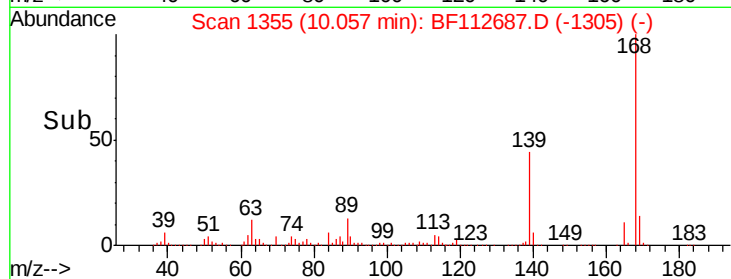
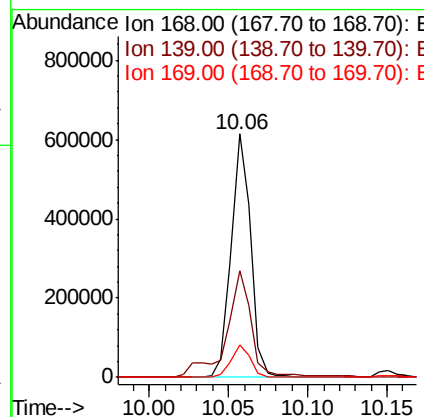
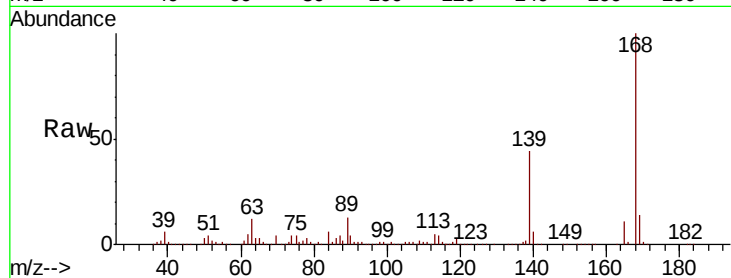




#55  
Dibenzenofuran  
Concen: 42.046 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

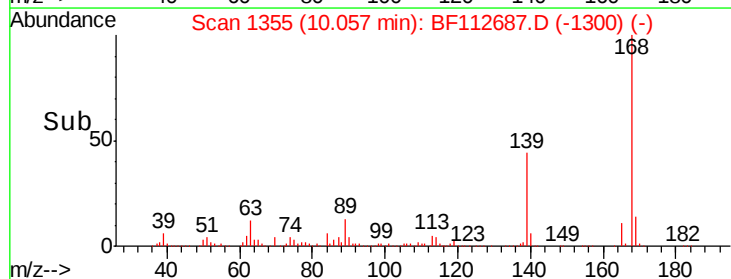
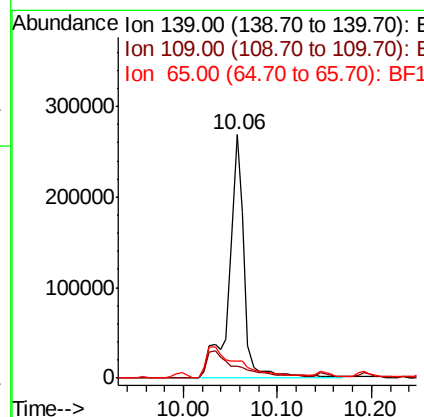
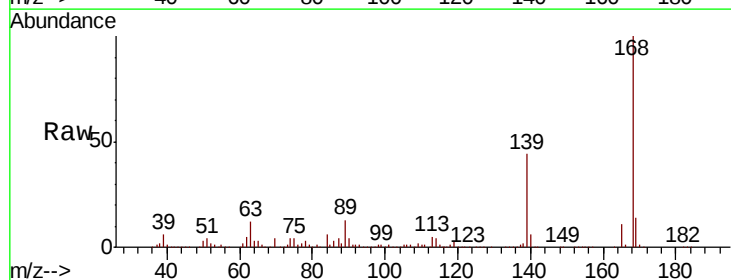
Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSSD

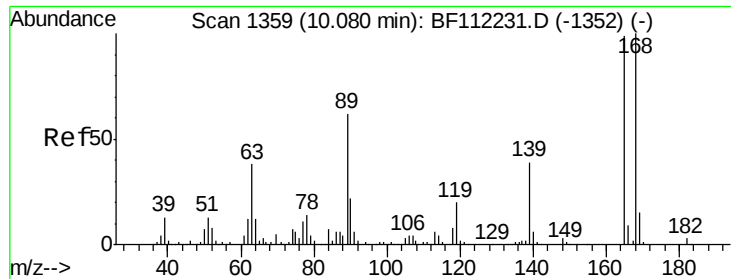
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 43.8  | 29.2  | 43.8  |
| 169     | 13.5  | 11.4  | 17.0  |



#56  
4-Nitrophenol  
Concen: 221.180 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. 0.02 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 4.7   | 42.8  | 82.8#  |
| 65      | 7.2   | 66.1  | 106.1# |





#57

2,4-Dinitrotoluene

Concen: 40.426 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSSD

Tot Ion:165 Resp: 122775

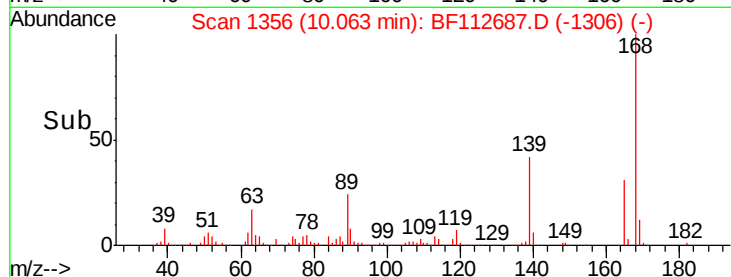
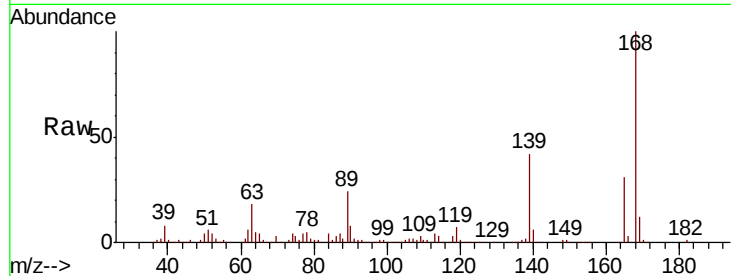
Ion Ratio Lower Upper

165 100

63 57.1 27.9 41.9#

89 77.2 47.9 71.9#

182 2.9 2.2 3.4

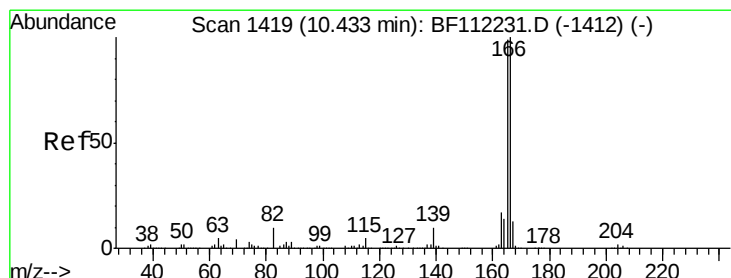
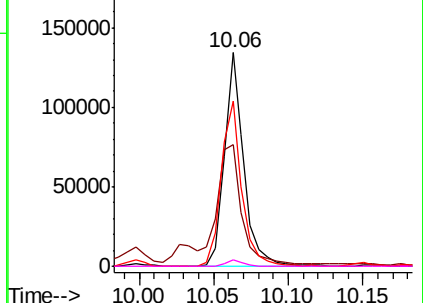


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.008 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

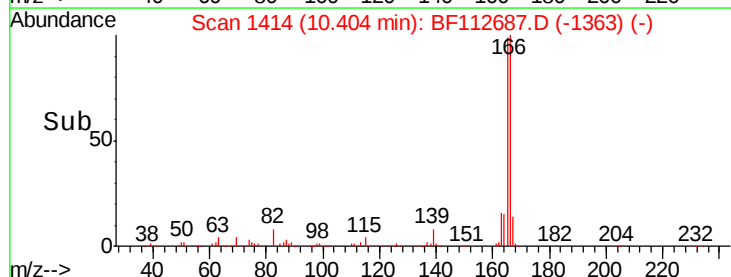
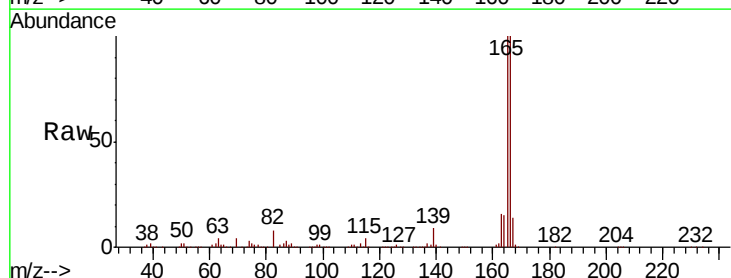
Tgt Ion:166 Resp: 418855

Ion Ratio Lower Upper

166 100

165 99.5 77.1 115.7

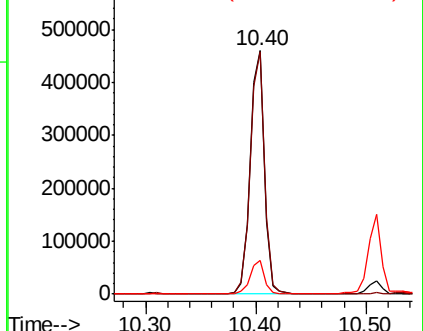
167 13.6 11.3 16.9

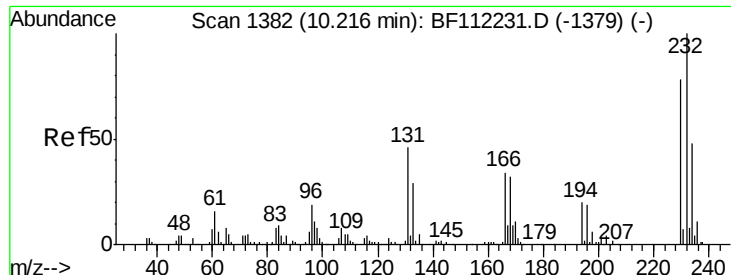


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

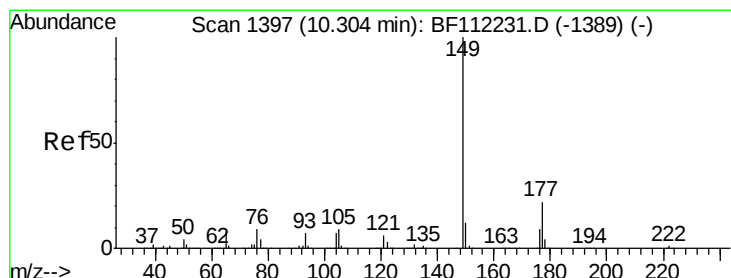
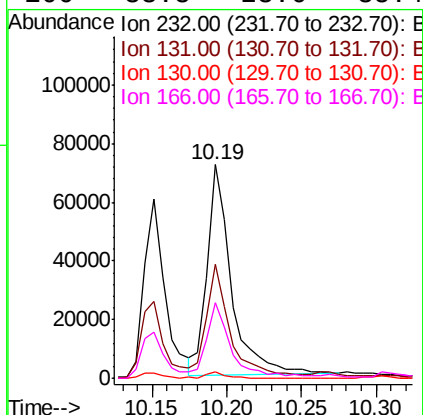
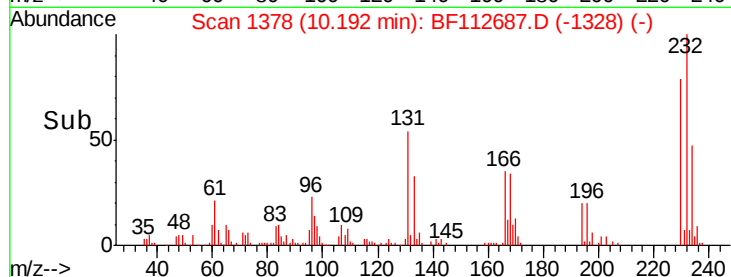
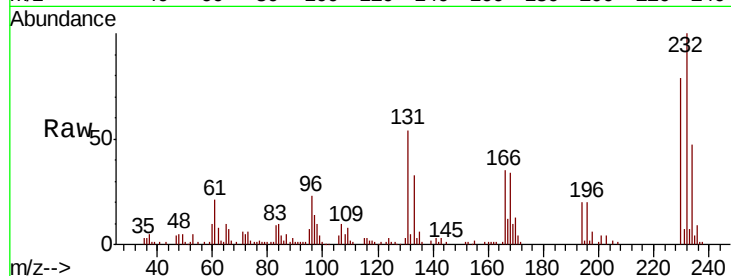




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 36.985 ng  
 RT: 10.19 min Scan# 1378  
 Delta R.T. -0.01 min  
 Lab File: BF112687.D  
 Acq: 25 Feb 2019 12:53

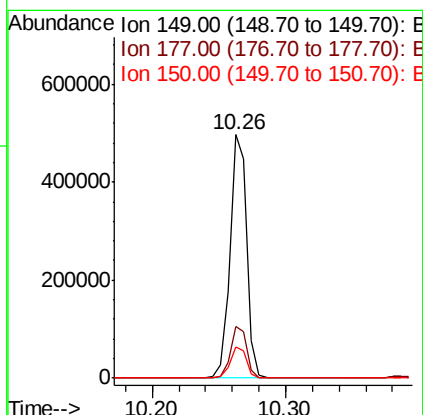
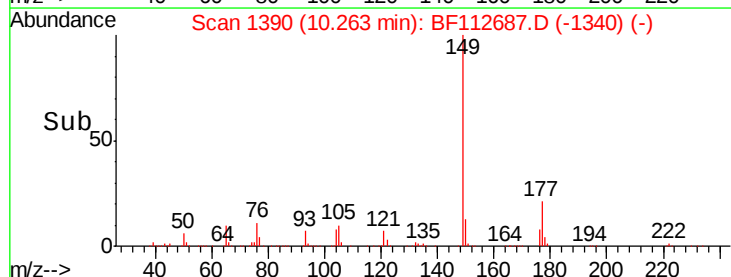
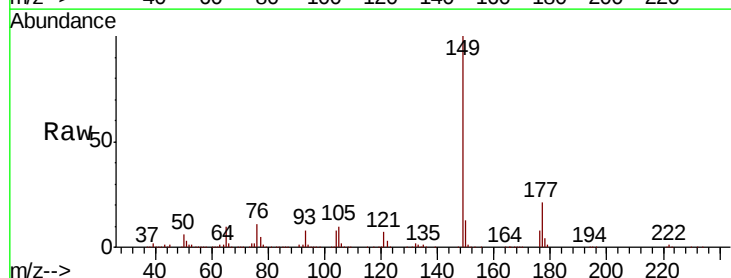
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPMSD

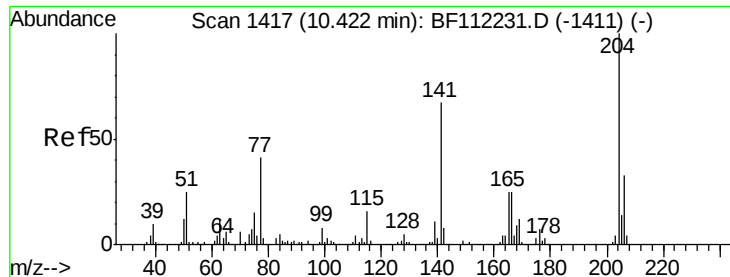
Tot Ion:232 Resp: 81053  
 Ion Ratio Lower Upper  
 232 100  
 131 53.3 33.9 50.9#  
 130 2.4 1.8 2.6  
 166 33.8 23.6 35.4



#60  
 Diethylphthalate  
 Concen: 41.343 ng  
 RT: 10.26 min Scan# 1390  
 Delta R.T. -0.01 min  
 Lab File: BF112687.D  
 Acq: 25 Feb 2019 12:53

Tgt Ion:149 Resp: 437021  
 Ion Ratio Lower Upper  
 149 100  
 177 21.4 18.2 27.2  
 150 12.6 10.4 15.6

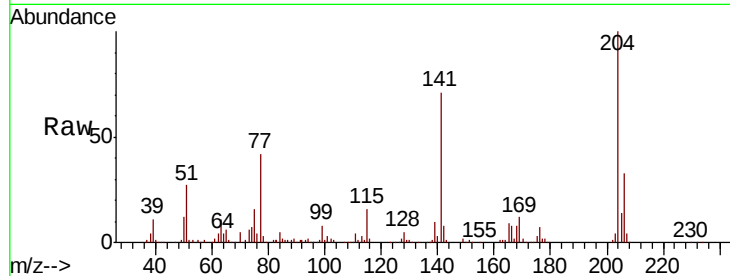




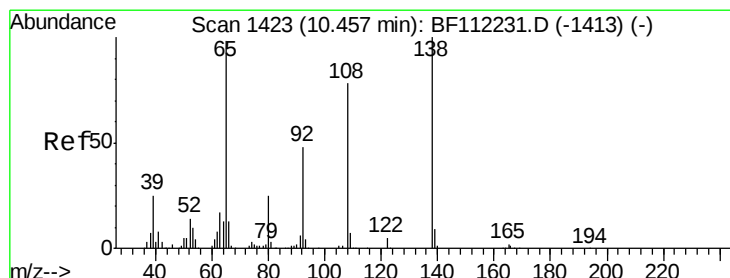
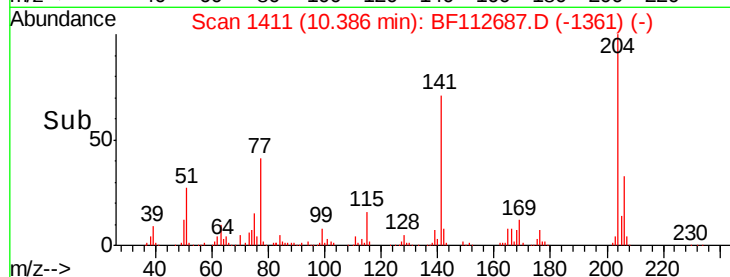
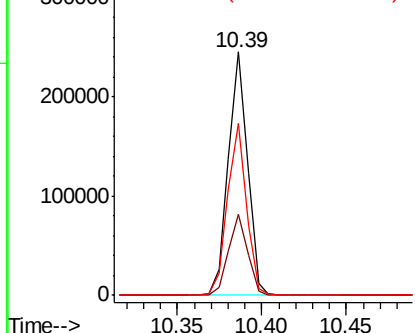
#61  
4-Chlorophenyl-phenylether  
Concen: 38.356 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSSD

Tot Ion:204 Resp: 194169  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.5 39.7  
141 70.6 45.9 68.9#

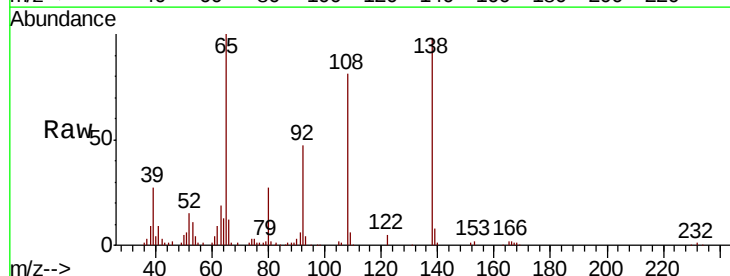


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

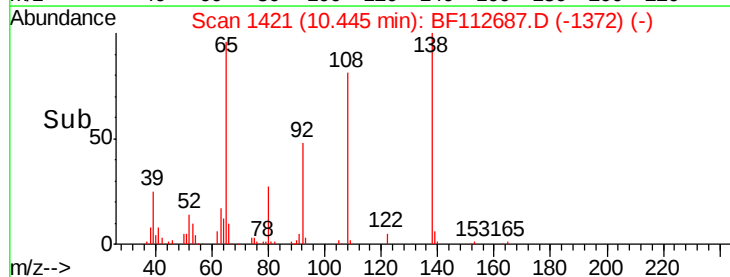
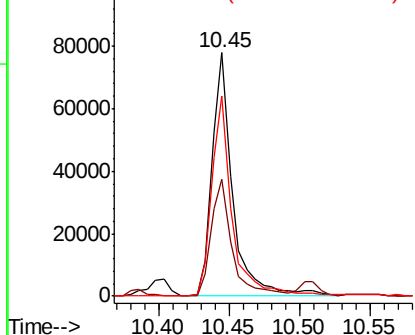


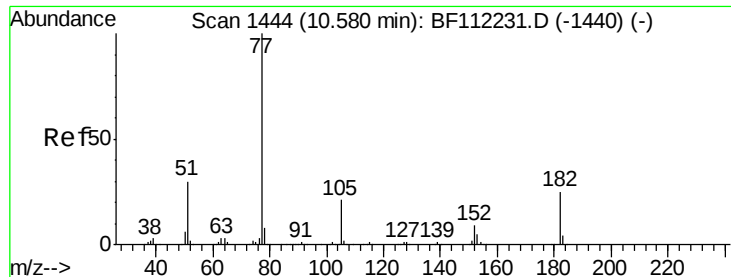
#62  
4-Nitroaniline  
Concen: 31.411 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Tgt Ion:138 Resp: 79627  
Ion Ratio Lower Upper  
138 100  
92 47.8 30.6 70.6  
108 82.3 50.0 90.0



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

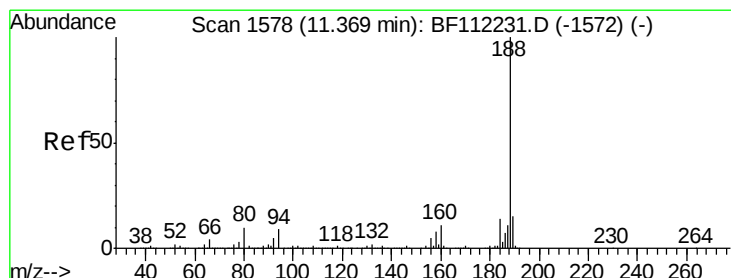
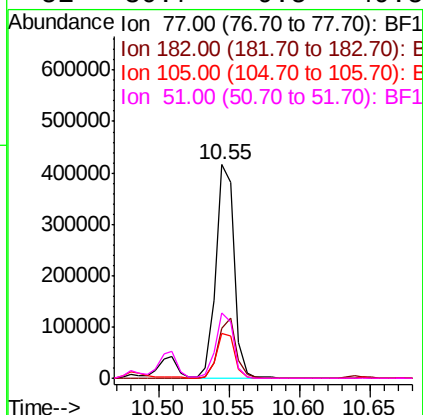
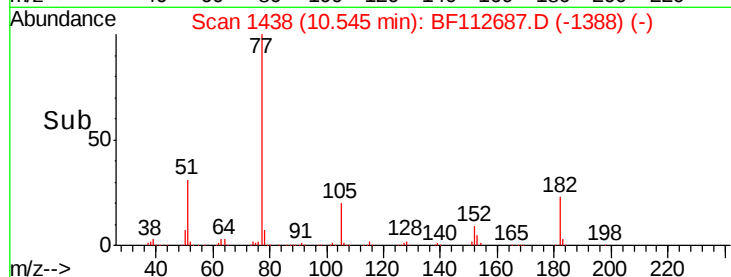
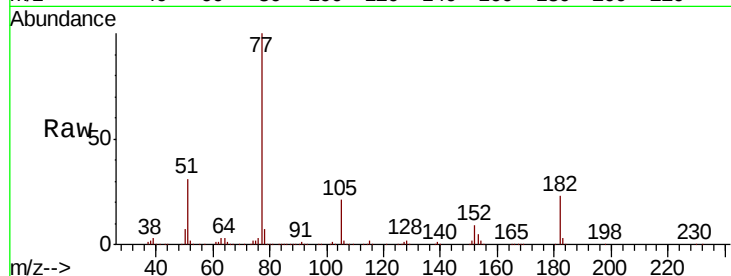




#63  
Azobenzene  
Concen: 40.163 ng  
RT: 10.55 min Scan# 1438  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

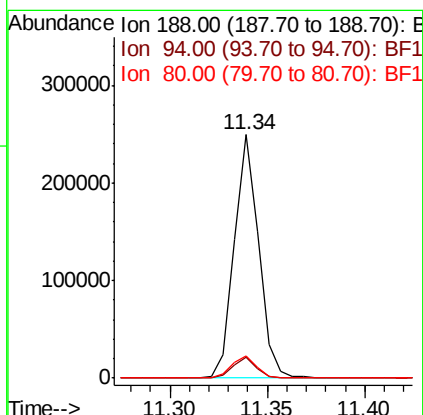
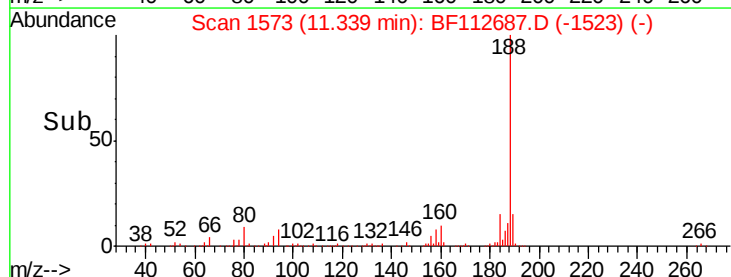
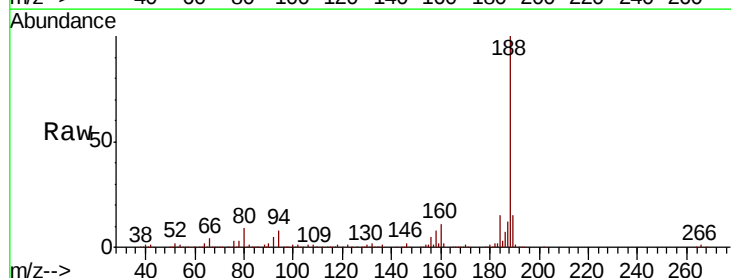
Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSD

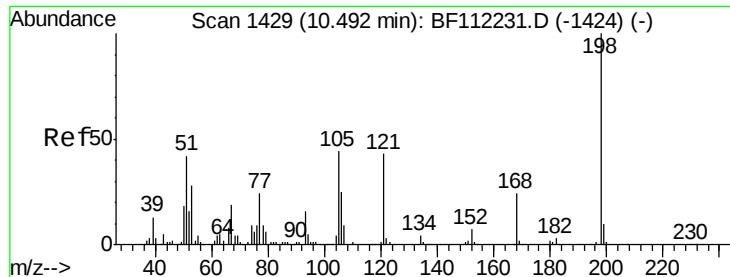
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 373389 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 23.2  | 5.7   | 45.7   |
| 105      | 20.9  | 1.4   | 41.4   |
| 51       | 30.7  | 9.5   | 49.5   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.34 min Scan# 1573  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 216352 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.4   | 8.2   | 12.2   |
| 80       | 9.1   | 8.9   | 13.3   |





#65

4,6-Dinitro-2-methylphenol

Concen: 27.267 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSD

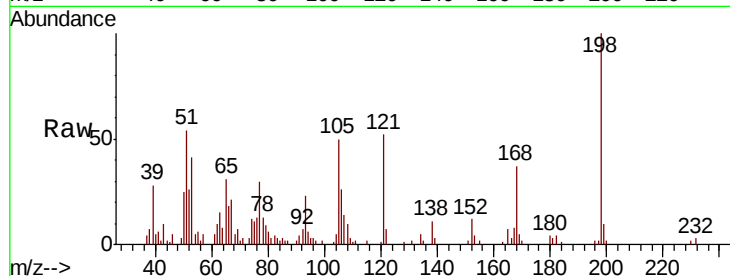
Tot Ion:198 Resp: 33075

Ion Ratio Lower Upper

198 100

51 54.0 17.2 57.2

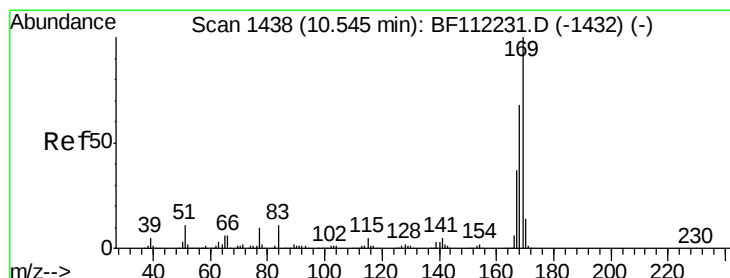
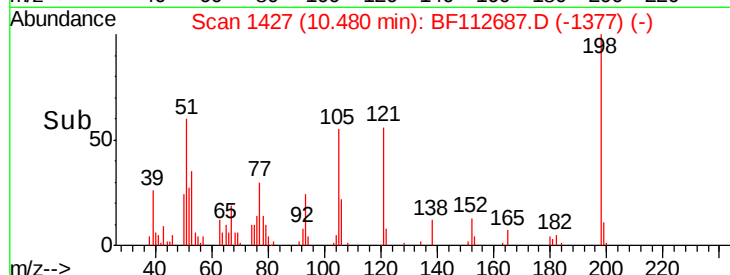
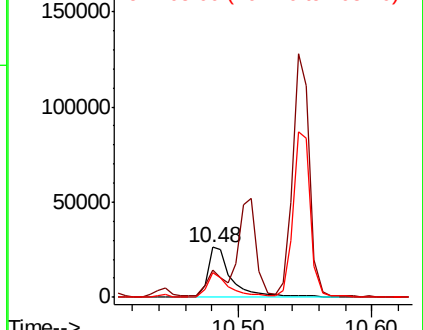
105 49.7 21.9 61.9



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: 46.822 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

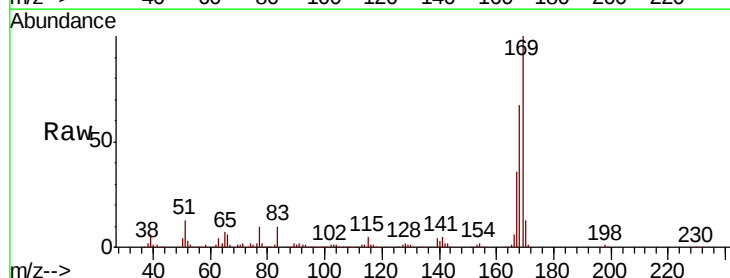
Tgt Ion:169 Resp: 341413

Ion Ratio Lower Upper

169 100

168 67.5 53.9 80.9

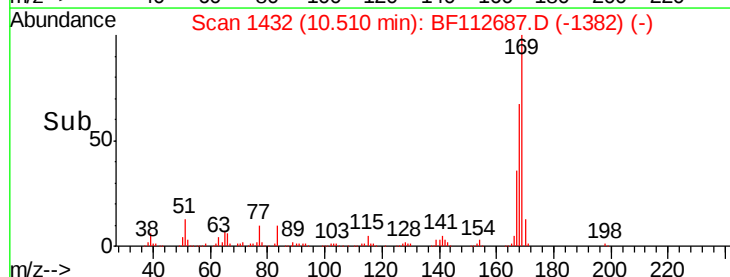
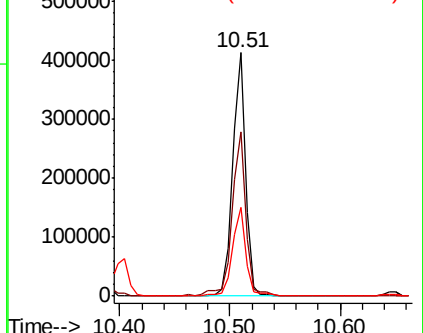
167 36.4 28.9 43.3

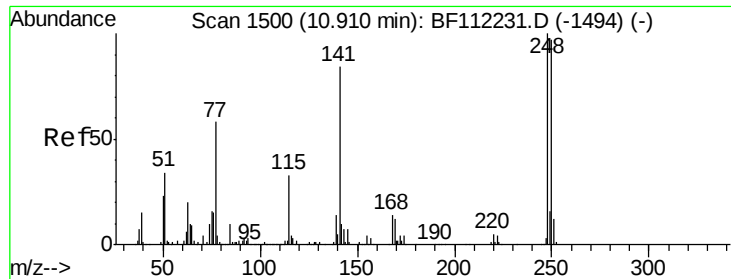


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

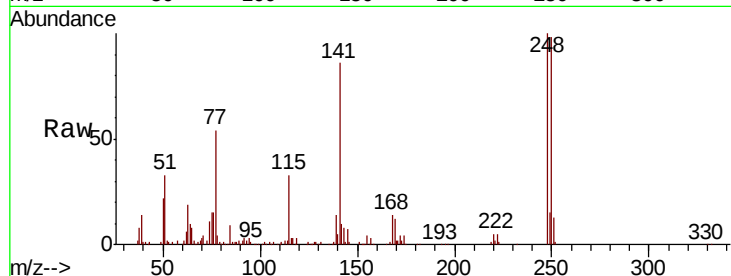




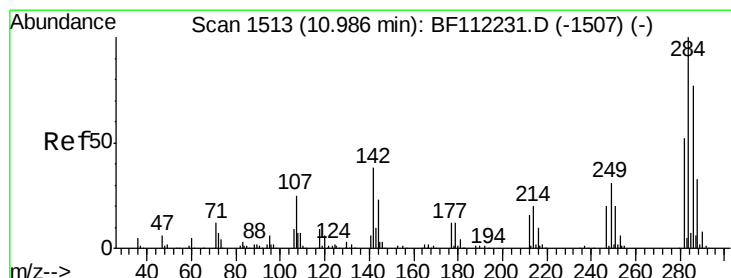
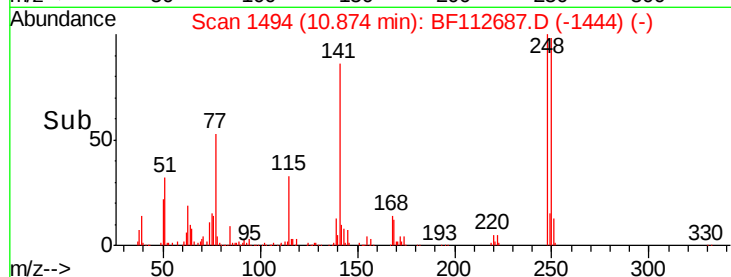
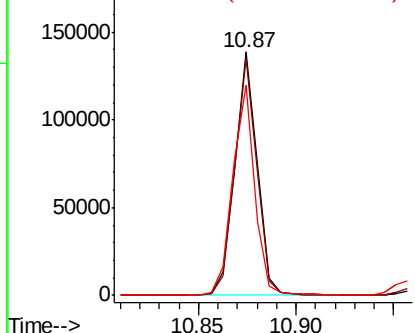
#67  
 4-Bromophenyl-phenylether  
 Concen: 43.275 ng  
 RT: 10.87 min Scan# 1494  
 Delta R.T. -0.01 min  
 Lab File: BF112687.D  
 Acq: 25 Feb 2019 12:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPMSSD

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:248 | Resp: | 110119      |
| Ion         | Ratio | Lower Upper |
| 248         | 100   |             |
| 250         | 97.6  | 79.7 119.5  |
| 141         | 86.1  | 60.3 90.5   |

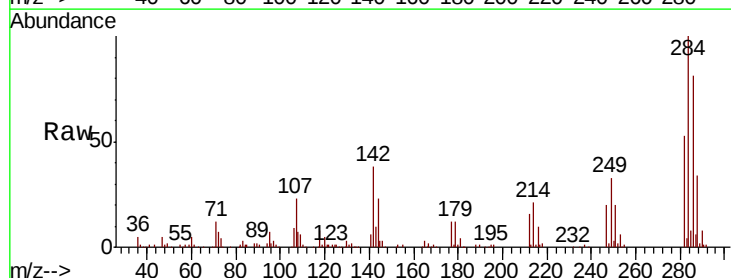


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

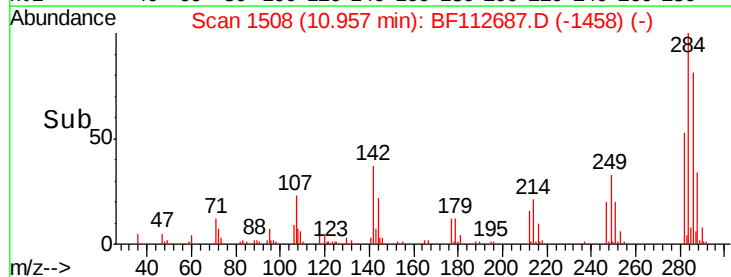
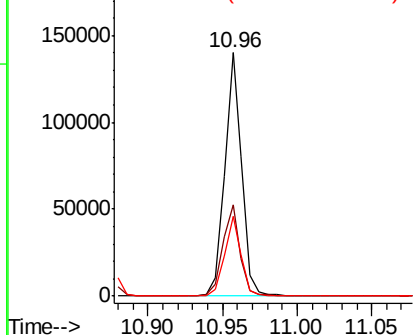


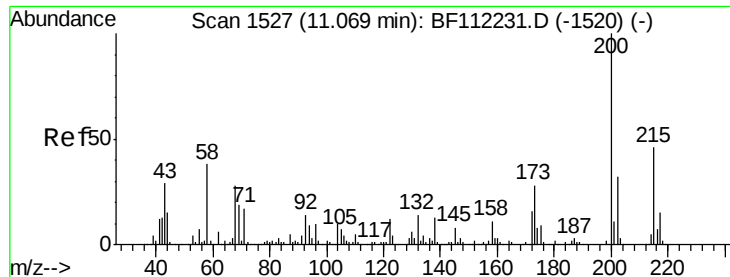
#68  
 Hexachlorobenzene  
 Concen: 41.274 ng  
 RT: 10.96 min Scan# 1508  
 Delta R.T. -0.01 min  
 Lab File: BF112687.D  
 Acq: 25 Feb 2019 12:53

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:284 | Resp: | 112681      |
| Ion         | Ratio | Lower Upper |
| 284         | 100   |             |
| 142         | 37.5  | 27.6 41.4   |
| 249         | 33.0  | 24.1 36.1   |



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

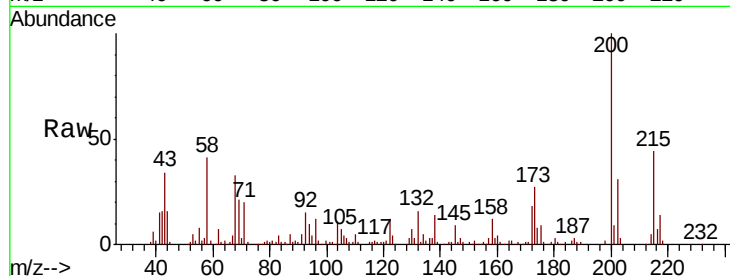




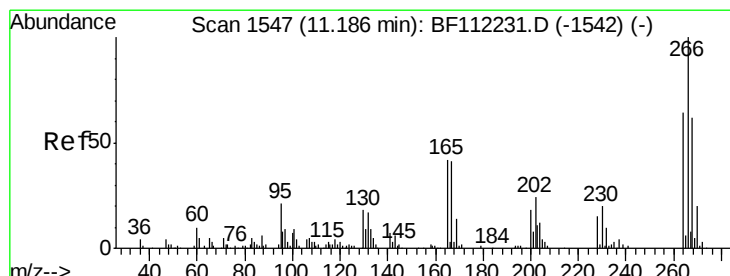
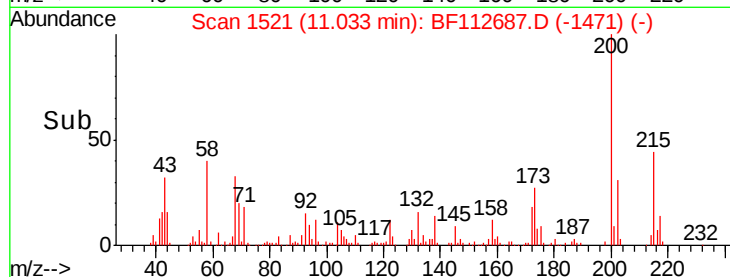
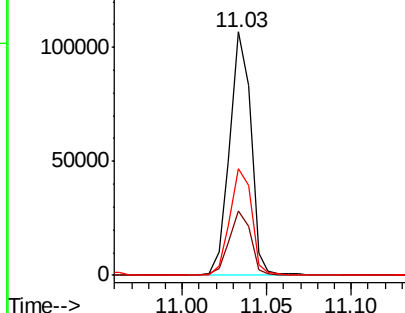
#69  
Atrazine  
Concen: 39.861 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSSD

Tot Ion:200 Resp: 93786  
Ion Ratio Lower Upper  
200 100  
173 26.5 7.1 47.1  
215 43.9 30.4 70.4

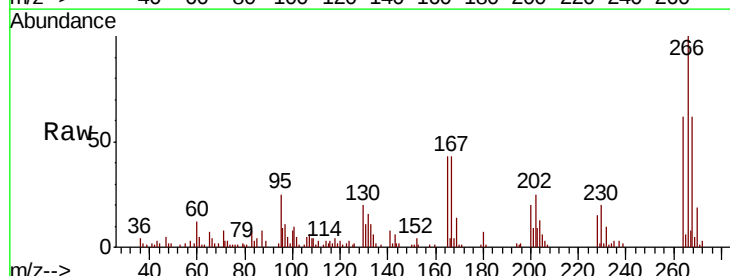


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

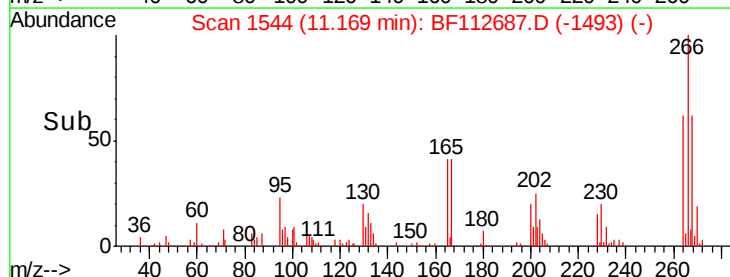
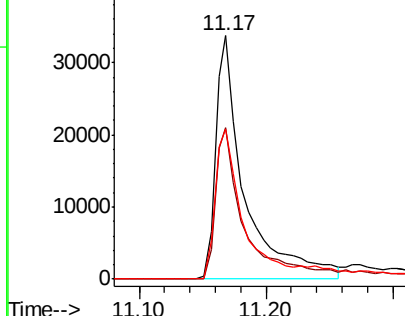


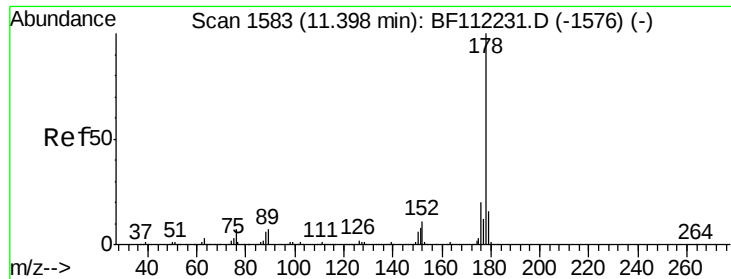
#70  
Pentachlorophenol  
Concen: 50.840 ng  
RT: 11.17 min Scan# 1544  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Tgt Ion:266 Resp: 54006  
Ion Ratio Lower Upper  
266 100  
268 62.2 51.2 76.8  
264 61.6 50.9 76.3



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

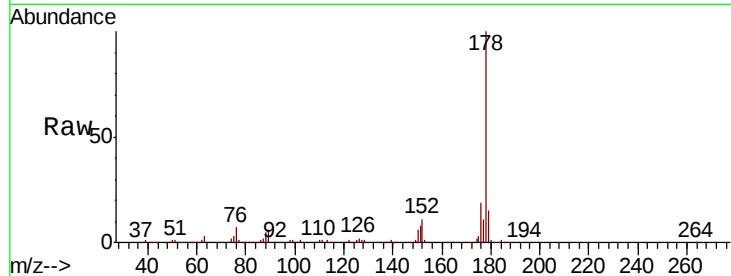




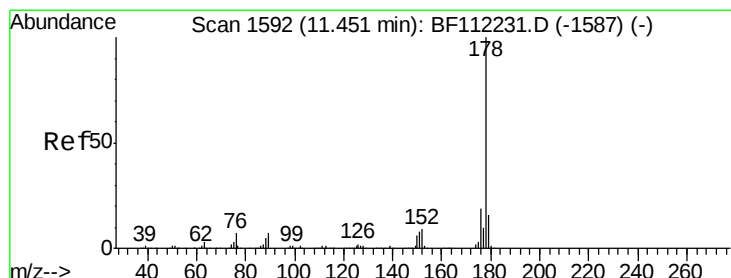
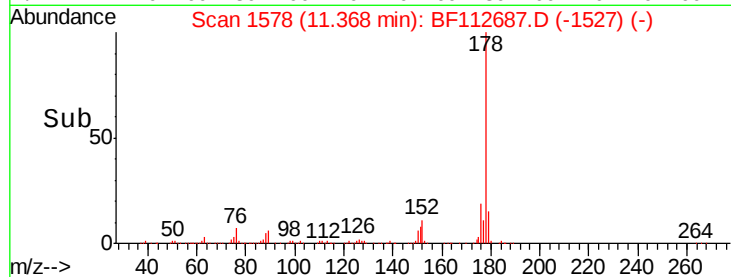
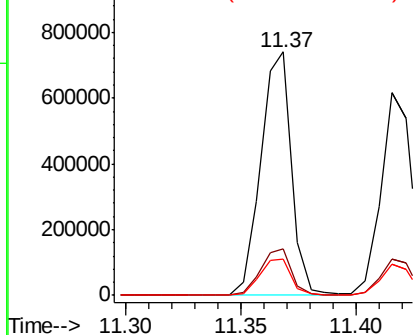
#71  
Phenanthrene  
Concen: 61.016 ng  
RT: 11.37 min Scan# 1578  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Instrument :  
BNA\_F  
ClientSampled :  
COMPMSD

Tot Ion:178 Resp: 686300  
Ion Ratio Lower Upper  
178 100  
176 18.9 16.3 24.5  
179 15.0 13.0 19.4

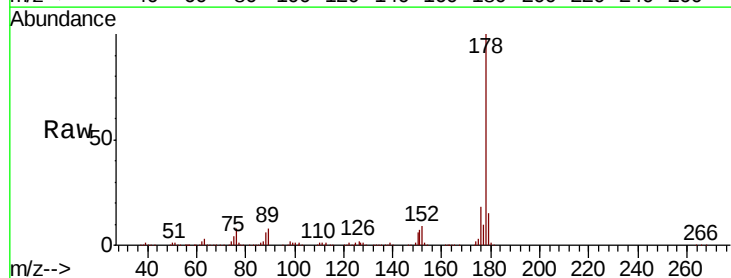


Abundance Ion 178.00 (177.70 to 178.70): E  
1000000 Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

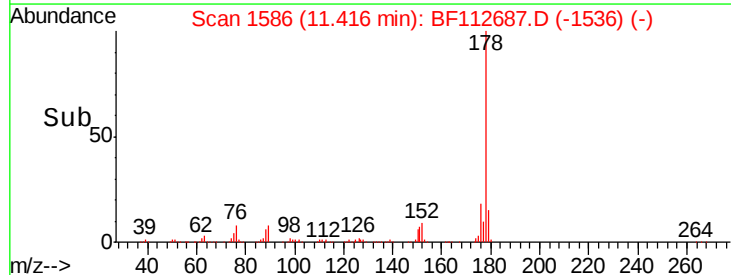
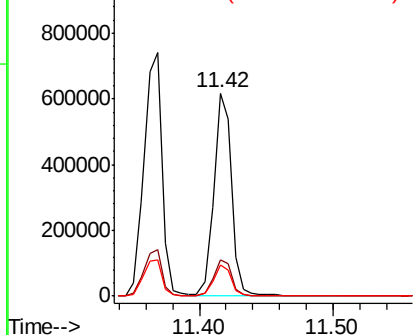


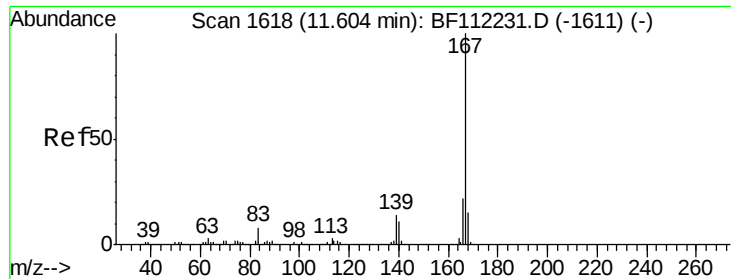
#72  
Anthracene  
Concen: 51.747 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. -0.01 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Tgt Ion:178 Resp: 579785  
Ion Ratio Lower Upper  
178 100  
176 17.9 15.5 23.3  
179 15.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E  
1000000 Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

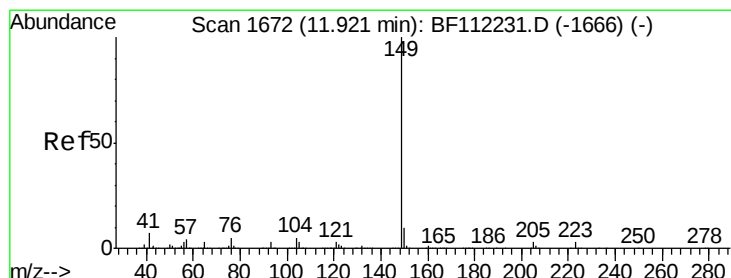
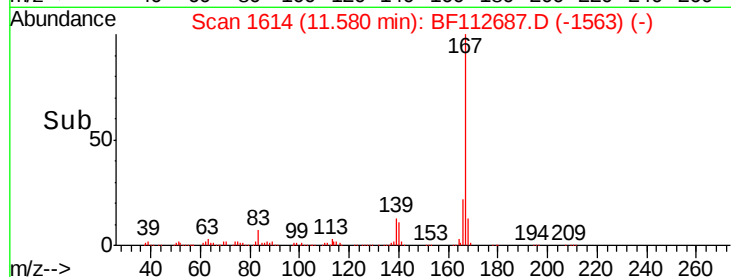
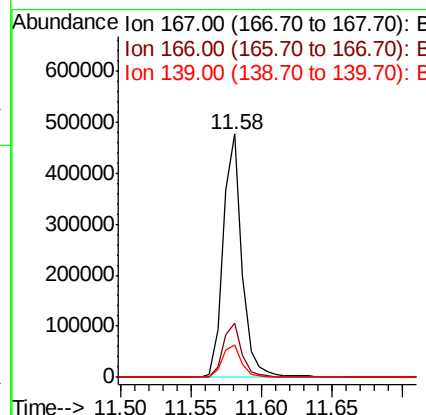
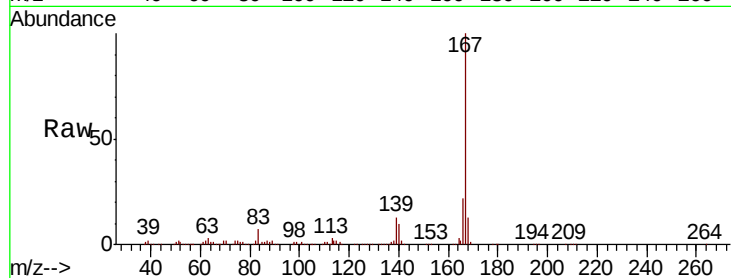




#73  
 Carbazole  
 Concen: 39.901 ng  
 RT: 11.58 min Scan# 1614  
 Delta R.T. -0.00 min  
 Lab File: BF112687.D  
 Acq: 25 Feb 2019 12:53

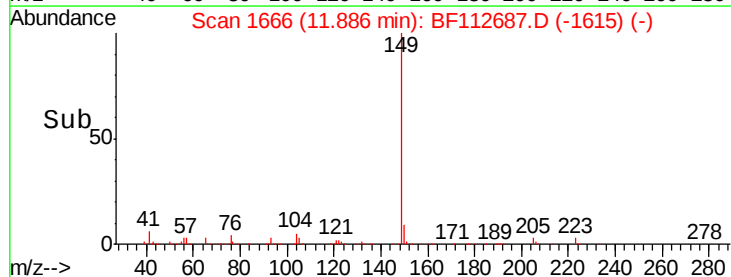
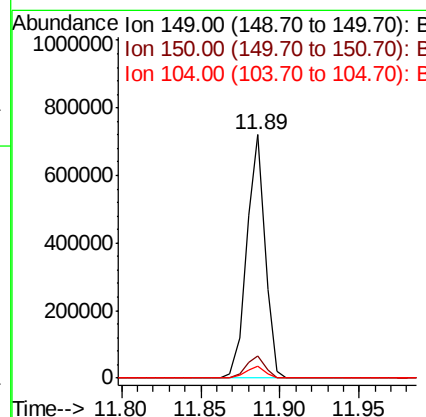
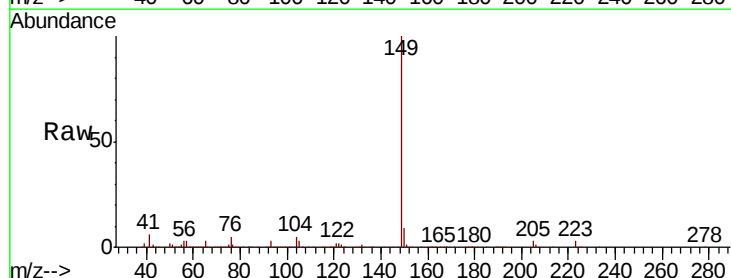
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPMSSD

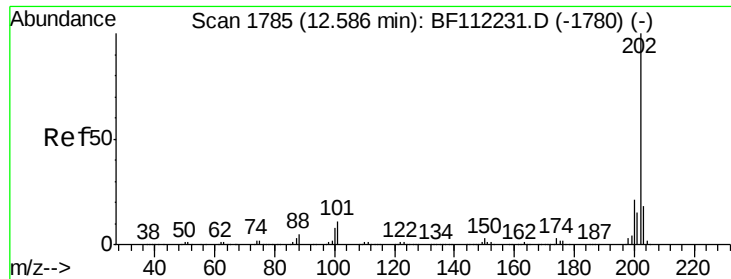
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.9  | 26.9  |
| 139     | 13.4  | 10.2  | 15.2  |



#74  
 Di-n-butylphthalate  
 Concen: 41.937 ng  
 RT: 11.89 min Scan# 1666  
 Delta R.T. -0.00 min  
 Lab File: BF112687.D  
 Acq: 25 Feb 2019 12:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.2   | 8.1   | 12.1  |
| 104     | 4.9   | 3.9   | 5.9   |





#75

Fluoranthene

Concen: 82.061 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSD

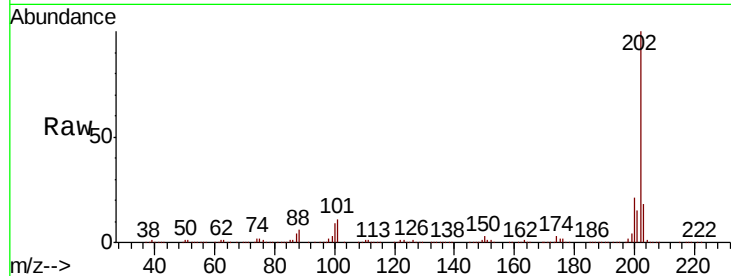
Tot Ion:202 Resp: 989985

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.8

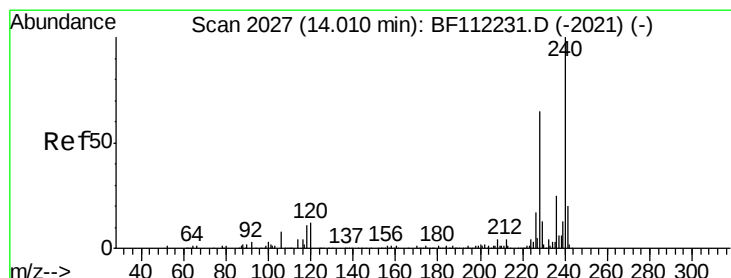
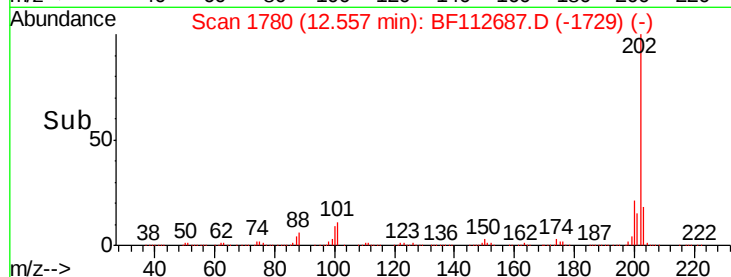
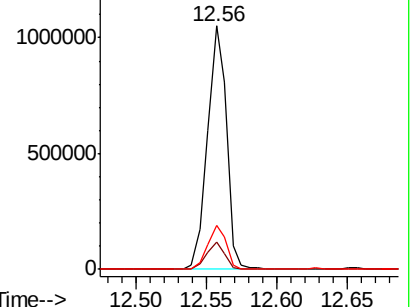
203 18.2 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

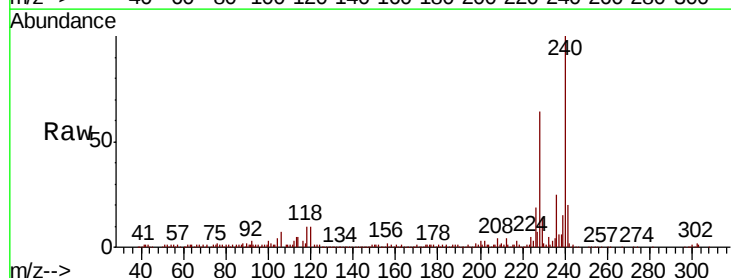
Tgt Ion:240 Resp: 182520

Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.6

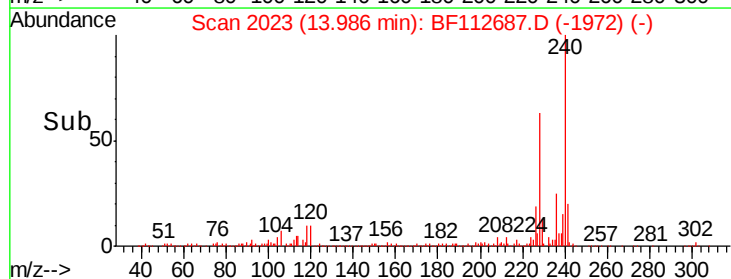
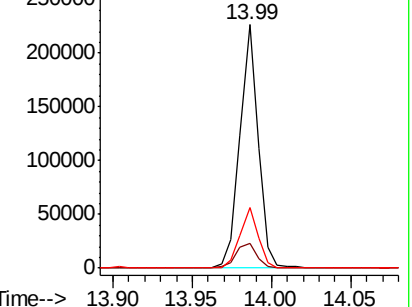
236 25.1 20.7 31.1

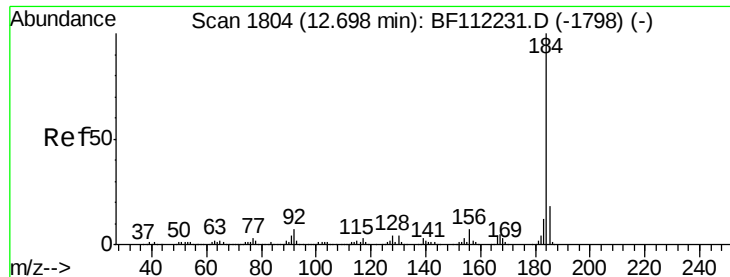


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.549 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSSD

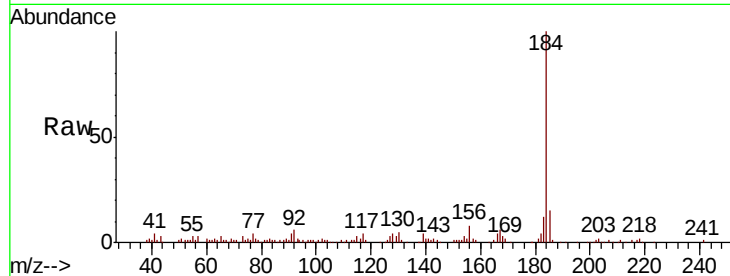
Tot Ion:184 Resp: 113277

Ion Ratio Lower Upper

184 100

185 15.1 13.9 20.9

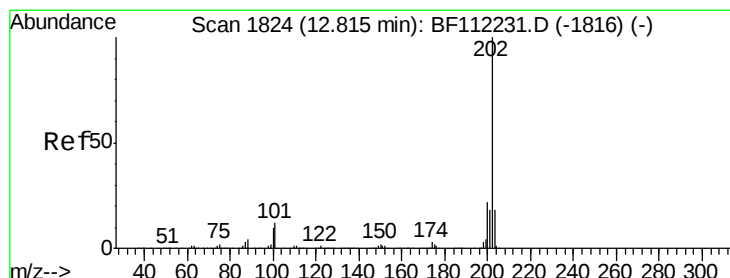
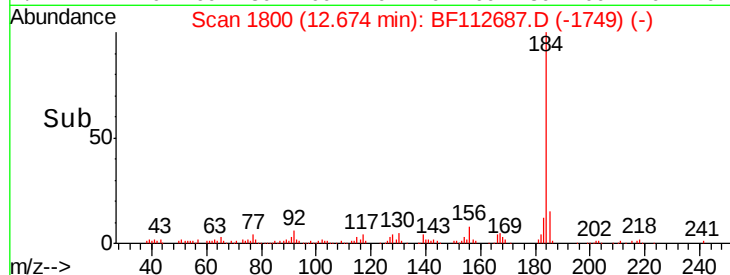
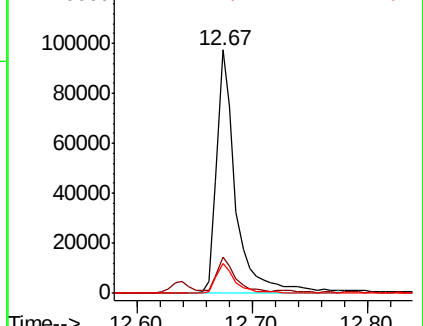
183 12.2 10.0 15.0



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: 74.219 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

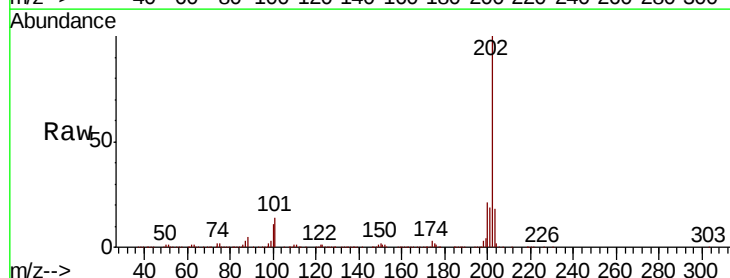
Tgt Ion:202 Resp: 937873

Ion Ratio Lower Upper

202 100

200 21.0 17.7 26.5

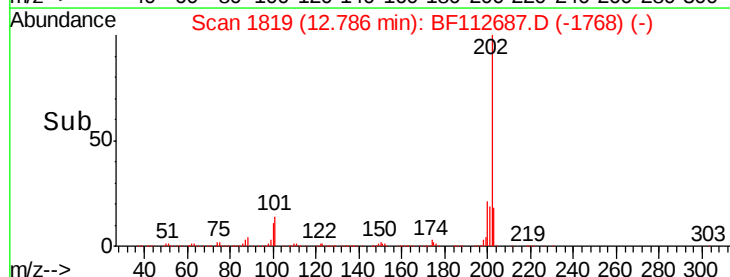
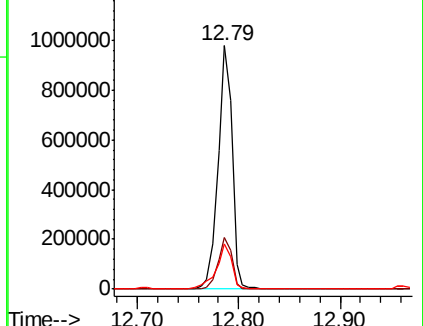
203 18.4 14.6 22.0



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

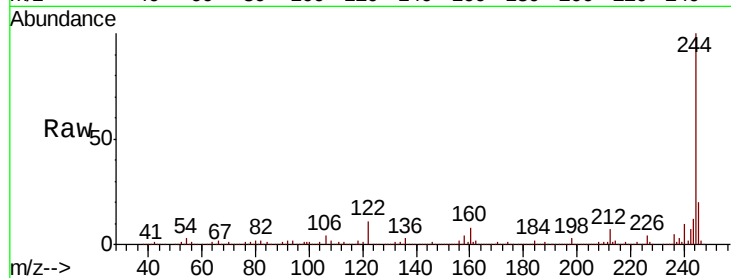




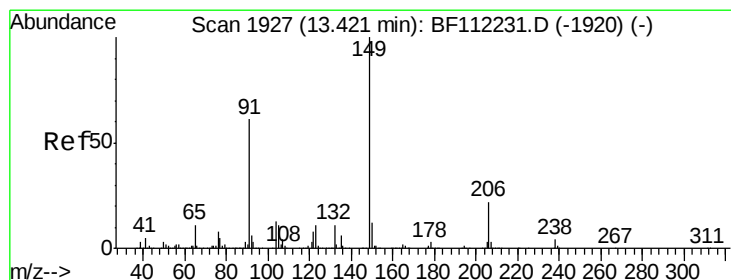
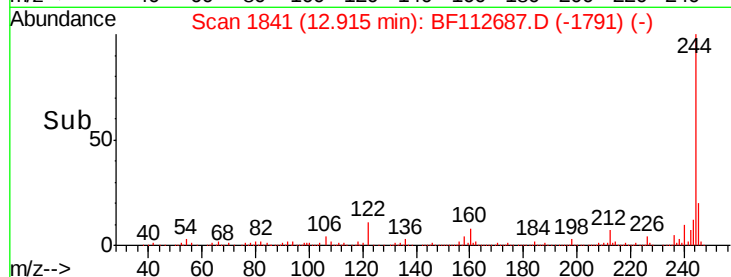
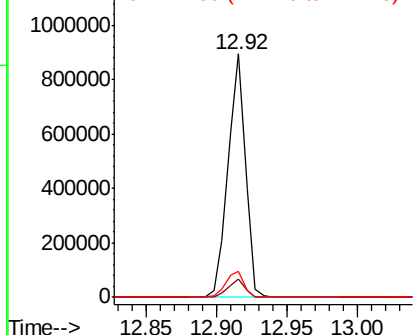
#79  
 Terphenyl-d14  
 Concen: 79.191 ng  
 RT: 12.92 min Scan# 1841  
 Delta R.T. -0.01 min  
 Lab File: BF112687.D  
 Acq: 25 Feb 2019 12:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPMDS

Tot Ion:244 Resp: 767421  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.9 8.9  
 122 10.9 9.8 14.6

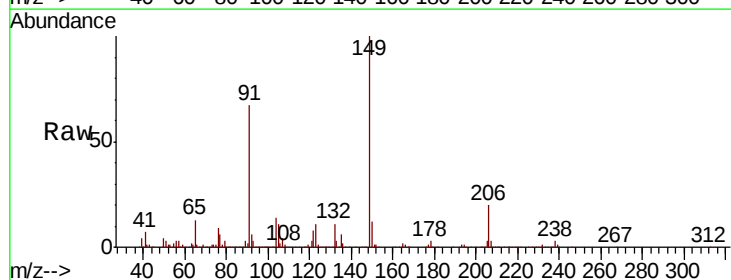


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

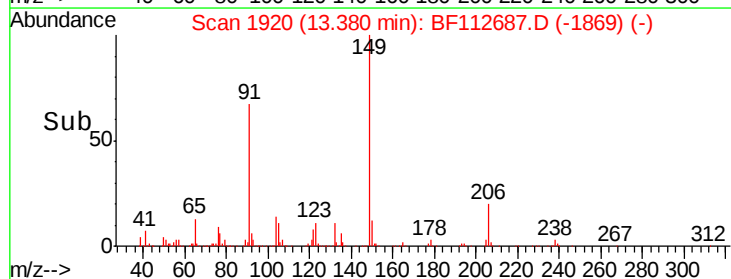
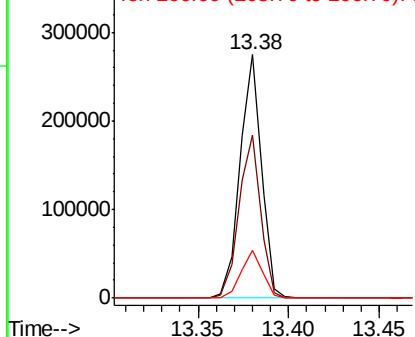


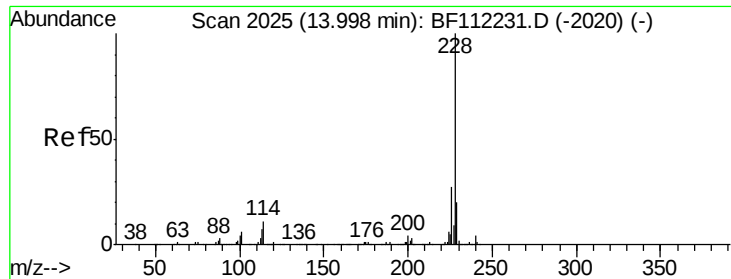
#80  
 Butylbenzylphthalate  
 Concen: 36.906 ng  
 RT: 13.38 min Scan# 1920  
 Delta R.T. -0.00 min  
 Lab File: BF112687.D  
 Acq: 25 Feb 2019 12:53

Tgt Ion:149 Resp: 225637  
 Ion Ratio Lower Upper  
 149 100  
 91 67.0 50.3 75.5  
 206 19.9 18.2 27.4



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: 70.204 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSSD

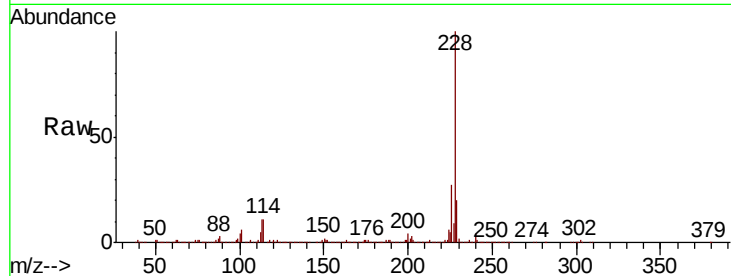
Tot Ion:228 Resp: 753253

Ion Ratio Lower Upper

228 100

226 27.1 22.6 34.0

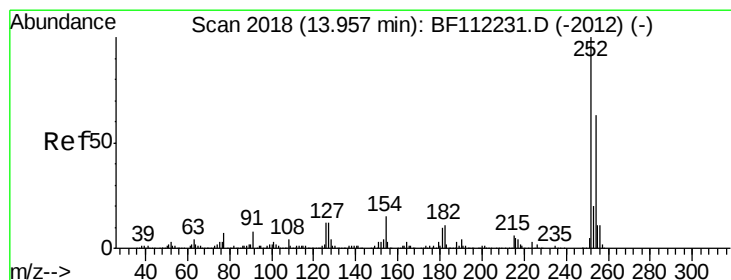
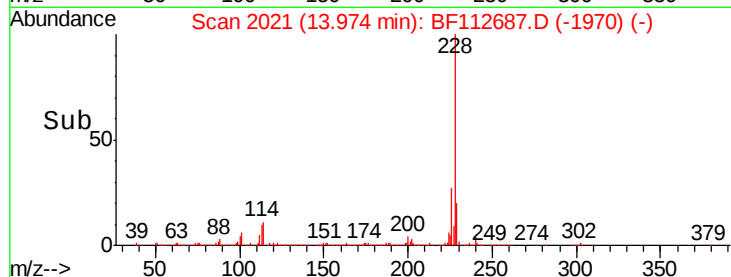
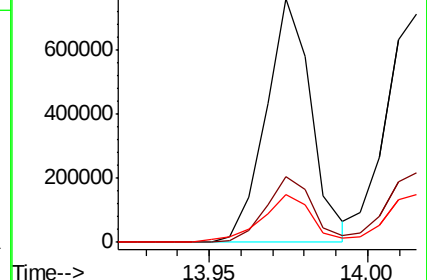
229 19.7 16.5 24.7



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: 30.691 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

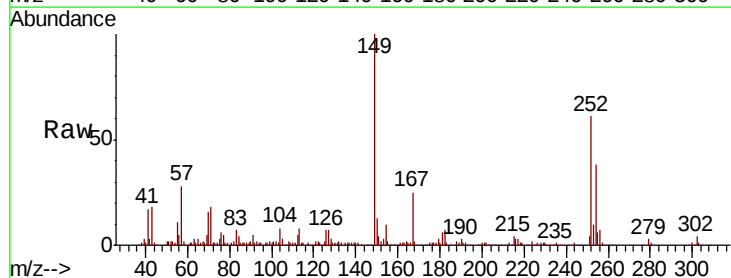
Tgt Ion:252 Resp: 123240

Ion Ratio Lower Upper

252 100

254 62.6 51.6 77.4

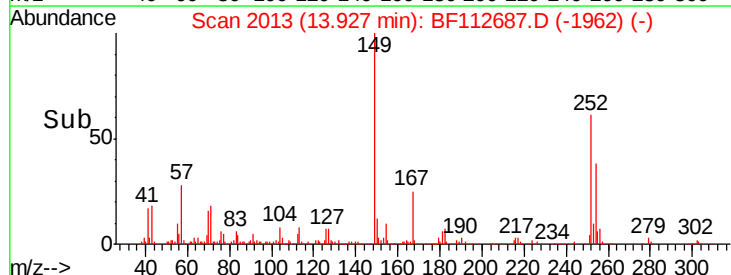
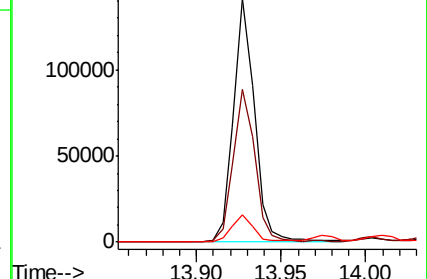
126 11.4 8.6 12.8



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: 65.281 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSD

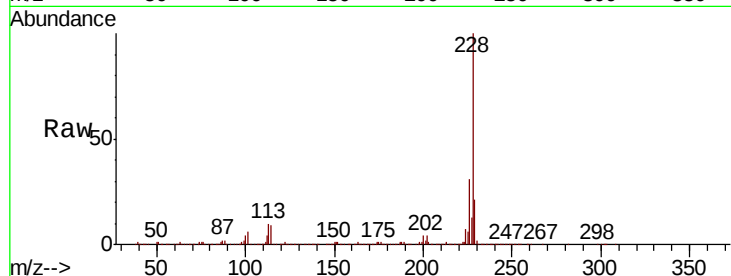
Tot Ion:228 Resp: 668594

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

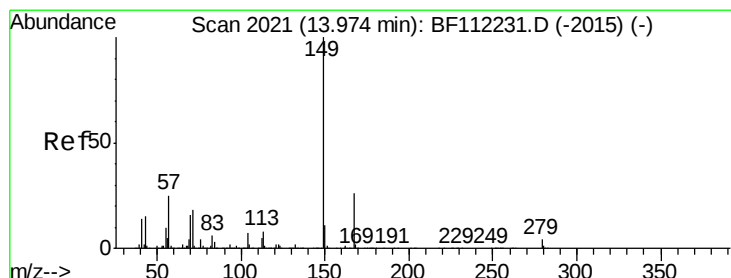
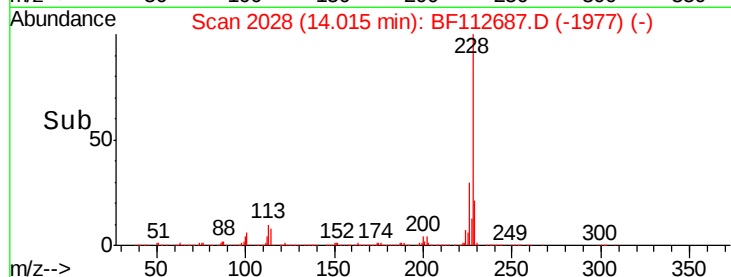
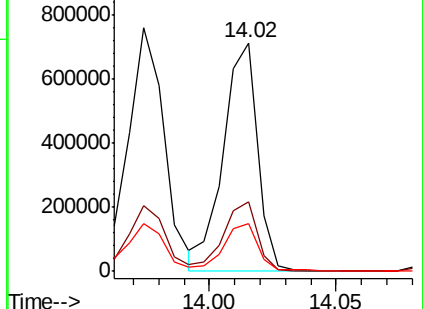
229 20.7 16.6 24.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.692 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

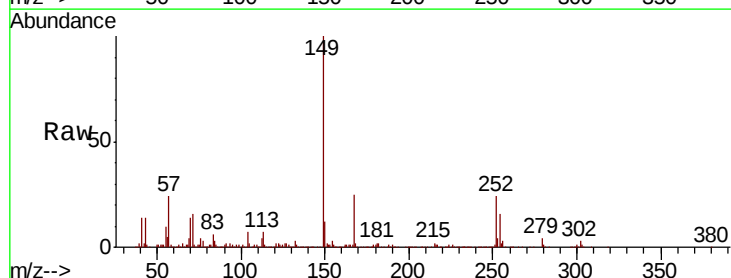
Tgt Ion:149 Resp: 309749

Ion Ratio Lower Upper

149 100

167 25.2 22.5 33.7

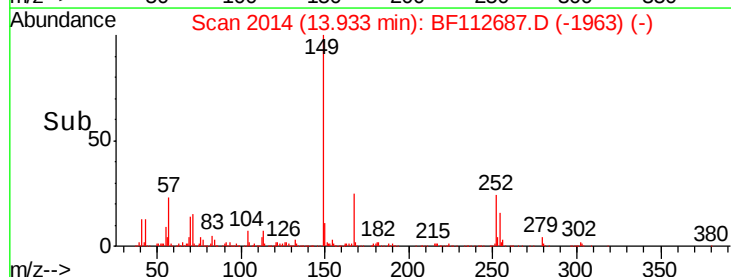
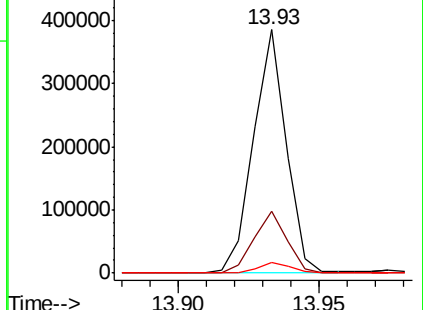
279 4.1 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.195 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSSD

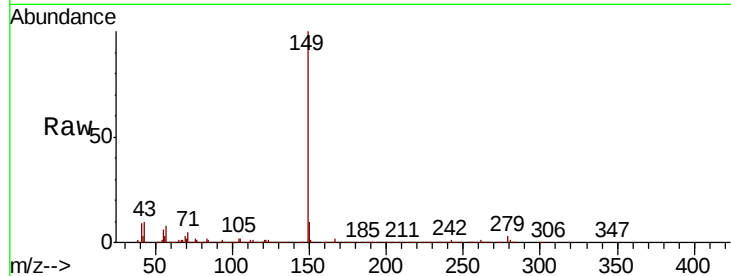
Tot Ion:149 Resp: 550040

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

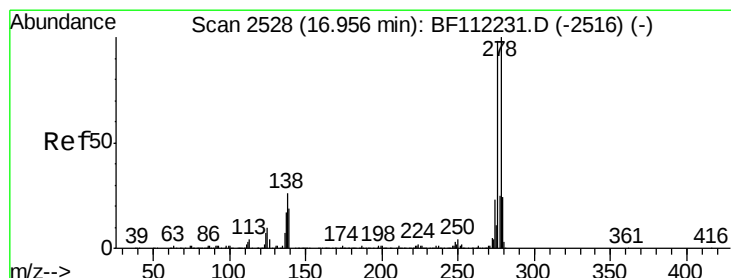
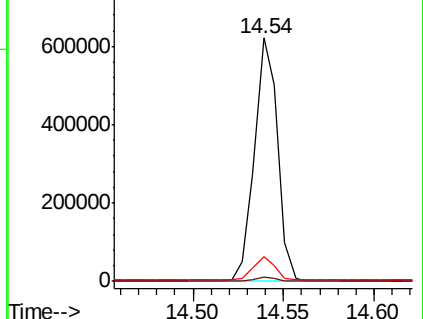
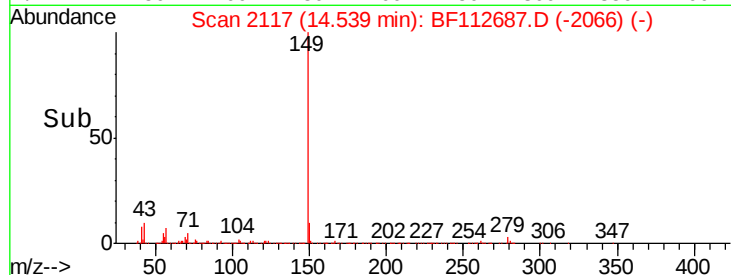
43 9.1 7.8 11.6



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: 66.890 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

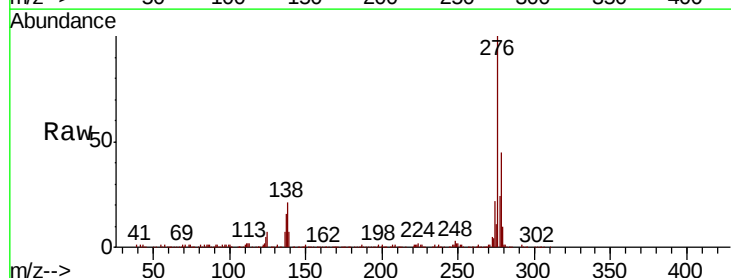
Tgt Ion:276 Resp: 542840

Ion Ratio Lower Upper

276 100

138 23.5 22.6 34.0

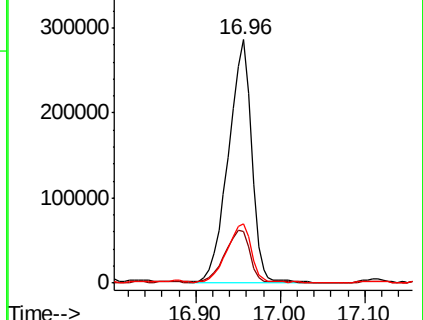
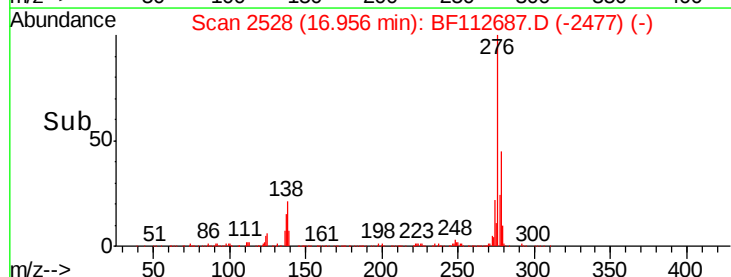
277 24.9 20.3 30.5

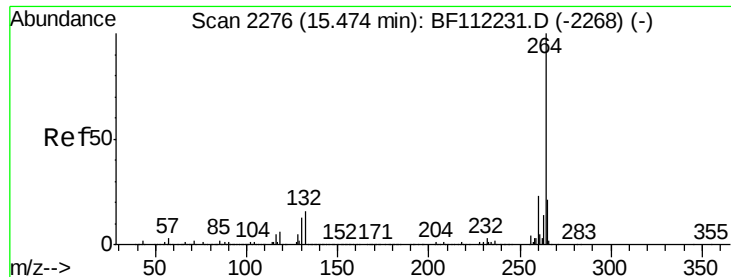


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.46 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSSD

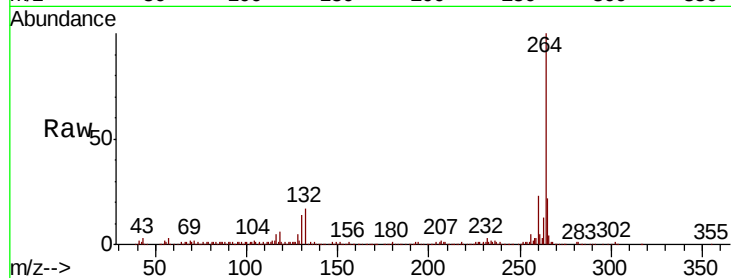
Tot Ion:264 Resp: 181198

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 22.0 17.0 25.4

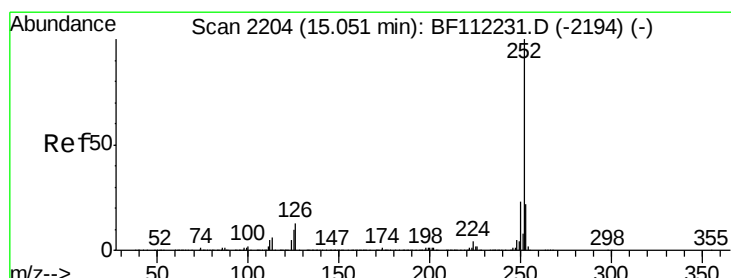
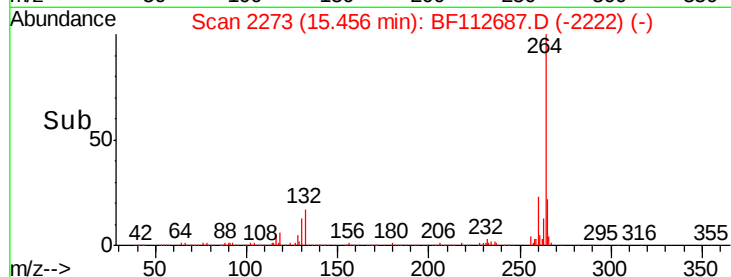
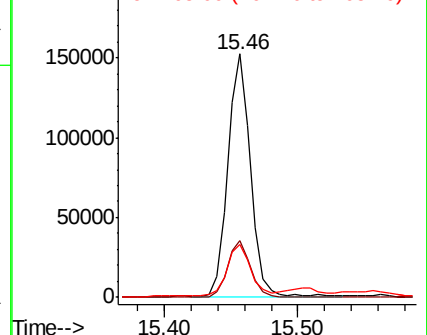


Abundance

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: 78.918 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

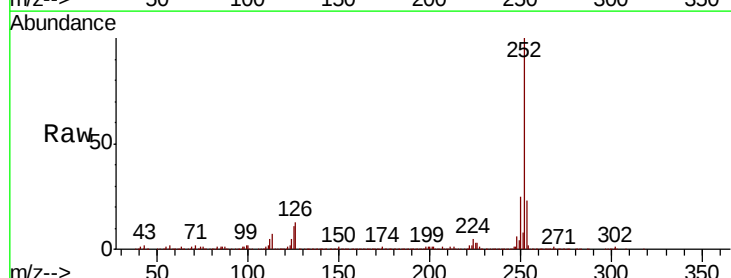
Tgt Ion:252 Resp: 855190

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 10.9 8.7 13.1

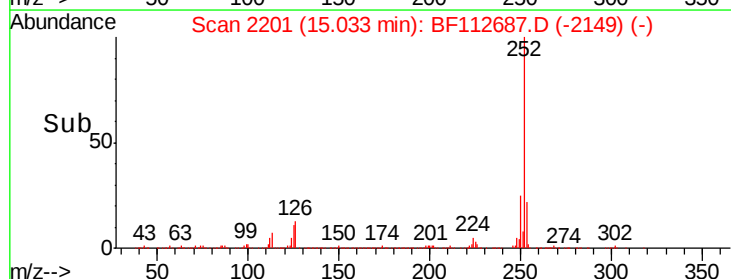
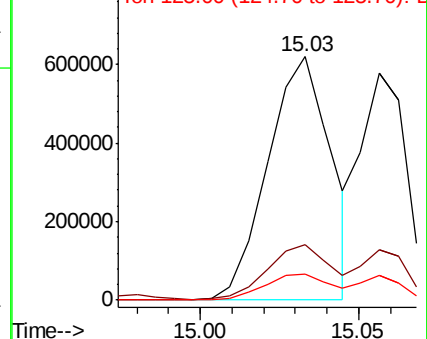


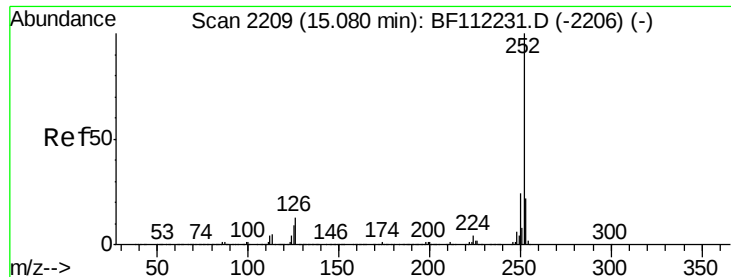
Abundance

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

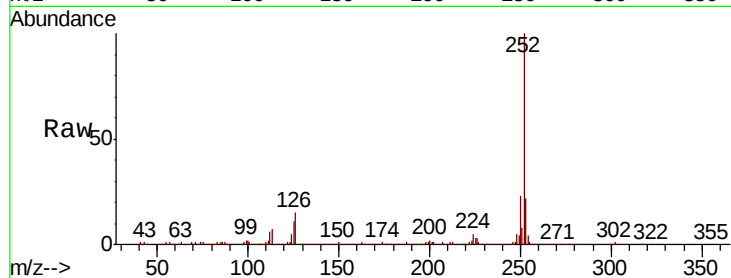




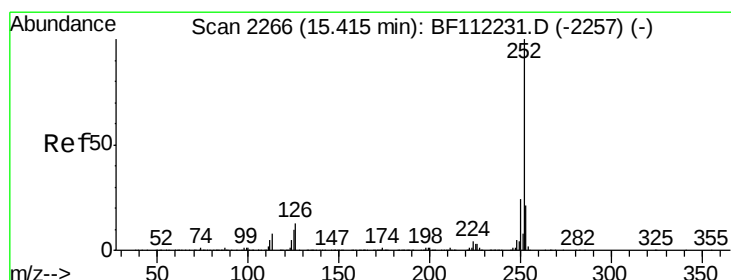
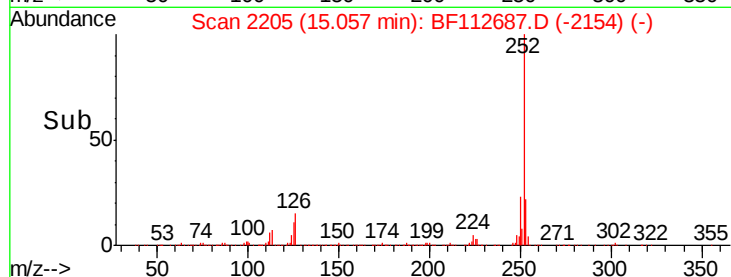
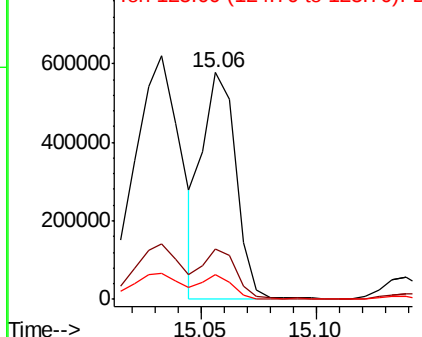
#89  
Benzo(k)fluoranthene  
Concen: 55.646 ng  
RT: 15.06 min Scan# 2205  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Instrument :  
BNA\_F  
ClientSampleId :  
COMPMSD

Tot Ion:252 Resp: 577591  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.0 27.0  
125 11.1 9.1 13.7

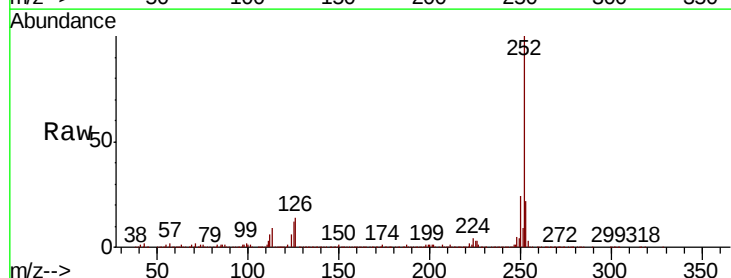


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

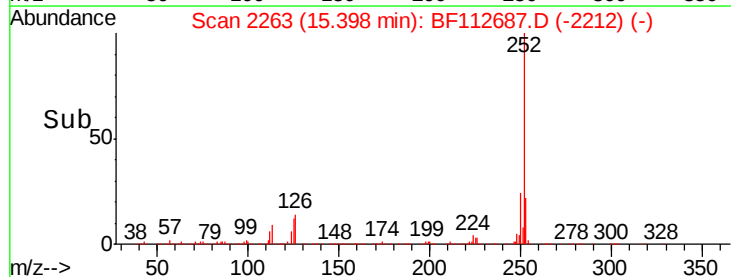
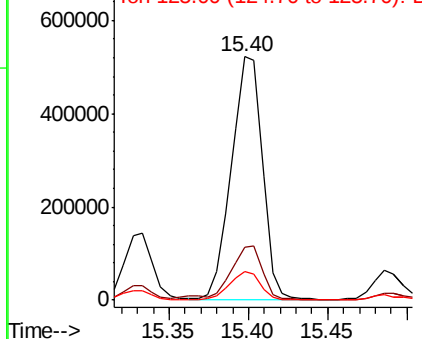


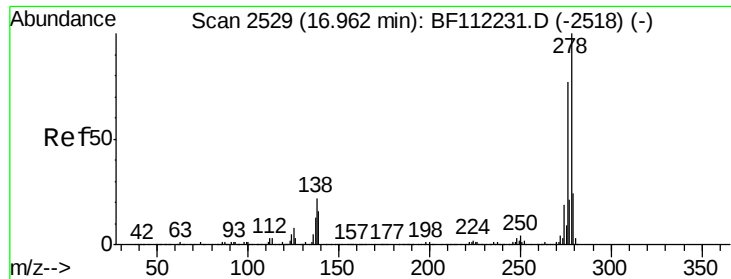
#90  
Benzo(a)pyrene  
Concen: 72.755 ng  
RT: 15.40 min Scan# 2263  
Delta R.T. -0.00 min  
Lab File: BF112687.D  
Acq: 25 Feb 2019 12:53

Tgt Ion:252 Resp: 709401  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 11.7 9.0 13.4



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: 45.721 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.00 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

Instrument :

BNA\_F

ClientSampleId :

COMPMSD

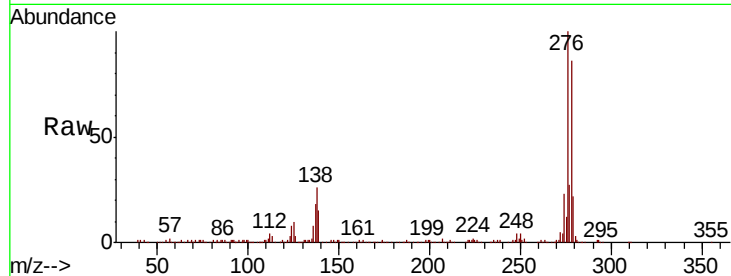
Tot Ion:278 Resp: 359299

Ion Ratio Lower Upper

278 100

139 17.4 13.7 20.5

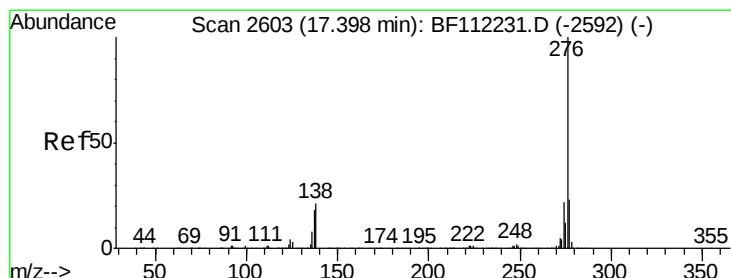
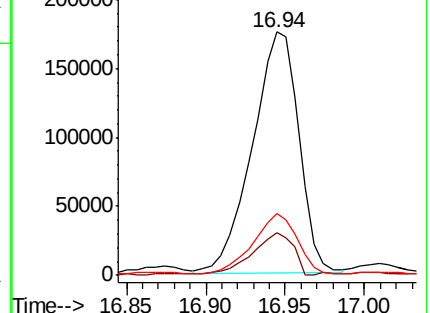
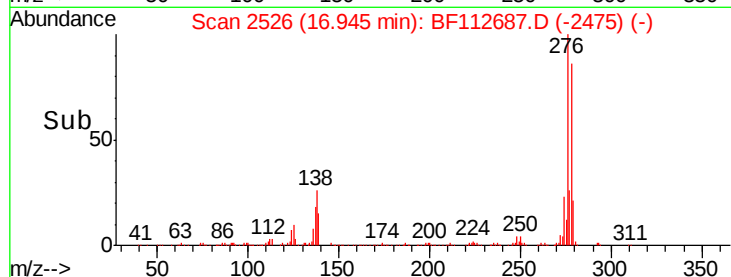
279 25.6 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 59.512 ng

RT: 17.40 min Scan# 2604

Delta R.T. 0.01 min

Lab File: BF112687.D

Acq: 25 Feb 2019 12:53

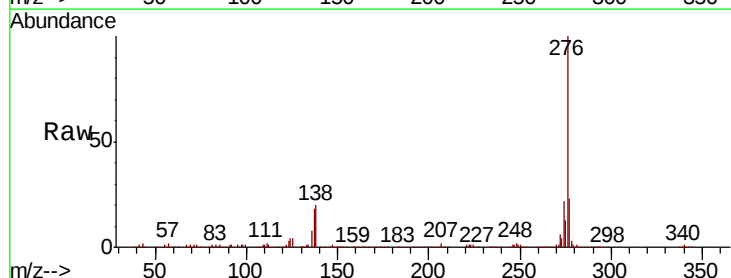
Tgt Ion:276 Resp: 441222

Ion Ratio Lower Upper

276 100

277 22.7 19.4 29.0

138 20.3 19.1 28.7



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

