

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF030619\  
 Data File : BF112915.D  
 Acq On : 7 Mar 2019 7:06  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Mar 07 07:41:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 01 15:40:43 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.73  | 152  | 186511   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.02  | 136  | 696505   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.76  | 164  | 304600   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.24 | 188  | 577182   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.87 | 240  | 498418   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.27 | 264  | 437327   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.34  | 112 | 943512  | 78.69 | ng | 0.00 |
| 7) Phenol-d6             | 6.37  | 99  | 1142181 | 75.83 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.30  | 82  | 982039  | 84.37 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.55 | 330 | 288292  | 89.15 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.09  | 172 | 1617349 | 89.11 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.82 | 244 | 1821166 | 70.83 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.39 | 88  | 239939  | 39.922 | ng | 97     |
| 3) Pyridine                    | 3.10 | 79  | 630425  | 39.207 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.03 | 42  | 263686  | 37.488 | ng | 95     |
| 6) Aniline                     | 6.39 | 93  | 741269  | 35.755 | ng | # 71   |
| 8) 2-Chlorophenol              | 6.52 | 128 | 520426  | 38.992 | ng | 94     |
| 9) Benzaldehyde                | 6.27 | 77  | 368585  | 33.963 | ng | 97     |
| 10) Phenol                     | 6.39 | 94  | 633234  | 36.029 | ng | 83     |
| 11) bis(2-Chloroethyl)ether    | 6.47 | 93  | 503465  | 37.321 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.67 | 146 | 551506  | 39.999 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.75 | 146 | 552381  | 39.949 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.90 | 146 | 505153  | 39.852 | ng | 98     |
| 15) Benzyl Alcohol             | 6.87 | 79  | 432128  | 37.626 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45  | 791562  | 35.160 | ng | 97     |
| 17) 2-Methylphenol             | 6.99 | 107 | 403318  | 37.248 | ng | 97     |
| 18) Hexachloroethane           | 7.25 | 117 | 190349  | 35.938 | ng | # 89   |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70  | 329459  | 34.538 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.15 | 107 | 460092  | 37.637 | ng | # 81   |
| 22) Acetophenone               | 7.15 | 105 | 676502  | 41.538 | ng | # 95   |
| 24) Nitrobenzene               | 7.32 | 77  | 524833  | 40.511 | ng | 97     |
| 25) Isophorone                 | 7.56 | 82  | 936054  | 37.328 | ng | 98     |
| 26) 2-Nitrophenol              | 7.63 | 139 | 270310  | 50.123 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.67 | 122 | 393248  | 39.195 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.77 | 93  | 614642  | 39.204 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.87 | 162 | 403672  | 41.489 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.96 | 180 | 435643  | 41.671 | ng | 98     |
| 31) Naphthalene                | 8.04 | 128 | 1388374 | 40.150 | ng | 100    |
| 32) Benzoic acid               | 7.79 | 122 | 292368  | 41.577 | ng | 93     |
| 33) 4-Chloroaniline            | 8.09 | 127 | 598003  | 40.829 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.16 | 225 | 269338  | 45.682 | ng | 99     |
| 35) Caprolactam                | 8.45 | 113 | 128340  | 37.452 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 8.57 | 107 | 398130  | 36.975 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.73 | 142 | 886034  | 39.677 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.83 | 142 | 860405  | 39.775 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.90 | 216 | 418625  | 47.129 | ng | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF030619\  
 Data File : BF112915.D  
 Acq On : 7 Mar 2019 7:06  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

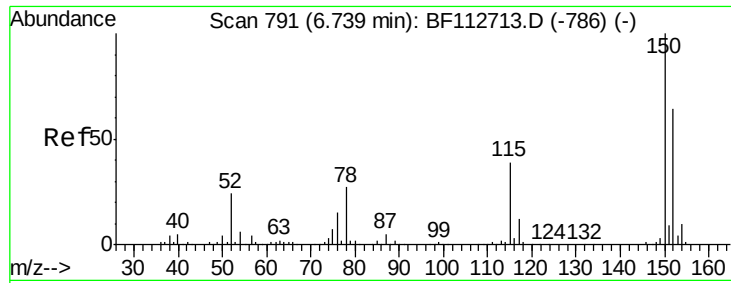
Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDC0040EC

Quant Time: Mar 07 07:41:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 01 15:40:43 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.89  | 237  | 93404    | 19.203 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.00  | 196  | 260023   | 42.535 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.05  | 196  | 276310   | 41.817 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.19  | 154  | 1045769  | 42.092 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.22  | 162  | 786654   | 40.550 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.30  | 65   | 253932   | 43.064 | ng    | 99       |
| 49) Acenaphthylene             | 9.63  | 152  | 1268818  | 38.526 | ng    | 99       |
| 50) Dimethylphthalate          | 9.49  | 163  | 926174   | 41.237 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.55  | 165  | 206917   | 44.241 | ng    | 88       |
| 52) Acenaphthene               | 9.80  | 154  | 737232   | 38.279 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.72  | 138  | 242436   | 42.540 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 9.82  | 184  | 45588    | 28.360 | ng    | 97       |
| 55) Dibenzofuran               | 9.97  | 168  | 1097551  | 39.210 | ng    | 97       |
| 56) 4-Nitrophenol              | 9.88  | 139  | 184828   | 39.905 | ng    | 87       |
| 57) 2,4-Dinitrotoluene         | 9.95  | 165  | 257301   | 44.258 | ng    | # 82     |
| 58) Fluorene                   | 10.31 | 166  | 798303   | 40.182 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.09 | 232  | 235525   | 42.783 | ng    | # 93     |
| 60) Diethylphthalate           | 10.19 | 149  | 931494   | 39.269 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.30 | 204  | 401147   | 43.397 | ng    | 94       |
| 62) 4-Nitroaniline             | 10.32 | 138  | 234928   | 44.611 | ng    | 97       |
| 63) Azobenzene                 | 10.46 | 77   | 838181   | 34.498 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 10.36 | 198  | 63020    | 28.632 | ng    | # 78     |
| 66) n-Nitrosodiphenylamine     | 10.42 | 169  | 710489   | 38.382 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.79 | 248  | 259996   | 42.766 | ng    | 92       |
| 68) Hexachlorobenzene          | 10.86 | 284  | 301809   | 44.040 | ng    | # 87     |
| 69) Atrazine                   | 10.95 | 200  | 224027   | 39.516 | ng    | 98       |
| 70) Pentachlorophenol          | 11.05 | 266  | 182163   | 45.162 | ng    | 98       |
| 71) Phenanthrene               | 11.27 | 178  | 1237006  | 43.076 | ng    | 98       |
| 72) Anthracene                 | 11.32 | 178  | 1274391  | 42.394 | ng    | 99       |
| 73) Carbazole                  | 11.47 | 167  | 1242887  | 42.384 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.81 | 149  | 1463217  | 41.614 | ng    | 100      |
| 75) Fluoranthene               | 12.45 | 202  | 1397519  | 45.423 | ng    | 96       |
| 77) Benzidine                  | 12.57 | 184  | 778991   | 30.125 | ng    | 99       |
| 78) Pyrene                     | 12.67 | 202  | 1446852  | 34.434 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.30 | 149  | 663794   | 35.790 | ng    | 92       |
| 81) Benzo(a)anthracene         | 13.86 | 228  | 1228233  | 35.556 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.82 | 252  | 554454   | 42.440 | ng    | 98       |
| 83) Chrysene                   | 13.90 | 228  | 1258231  | 37.185 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.86 | 149  | 790887   | 36.355 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.47 | 149  | 1518188  | 40.642 | ng    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.63 | 276  | 1061726  | 36.806 | ng    | 95       |
| 88) Benzo(b)fluoranthene       | 14.87 | 252  | 1090403  | 38.547 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 14.87 | 252  | 1090403  | 42.556 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.22 | 252  | 977265   | 39.058 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 16.64 | 278  | 887460   | 41.566 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.04 | 276  | 882233   | 41.151 | ng    | 96       |

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



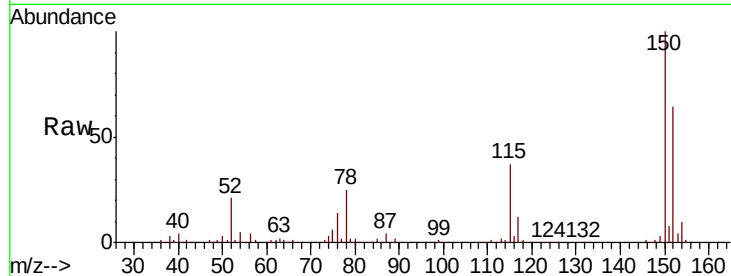


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.73 min Scan# 790  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.4 | 124.2 | 186.2 |
| 115     | 58.0  | 48.2  | 72.4  |

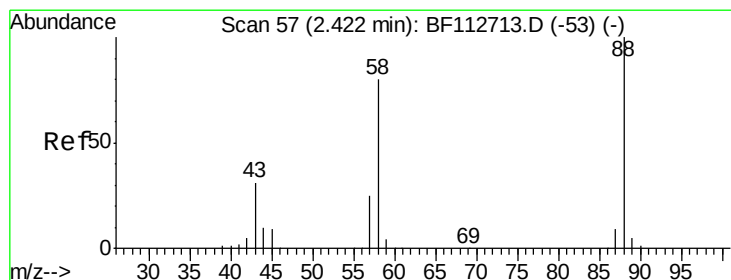
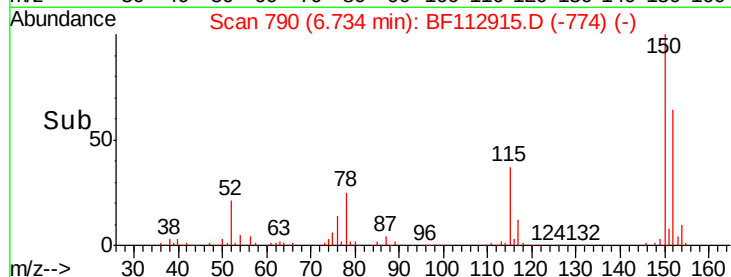
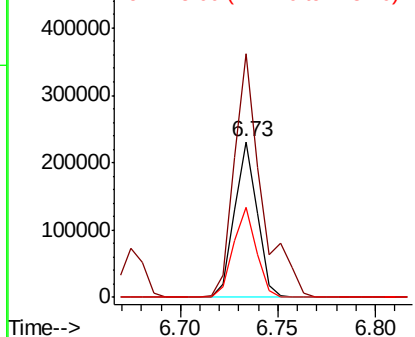


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

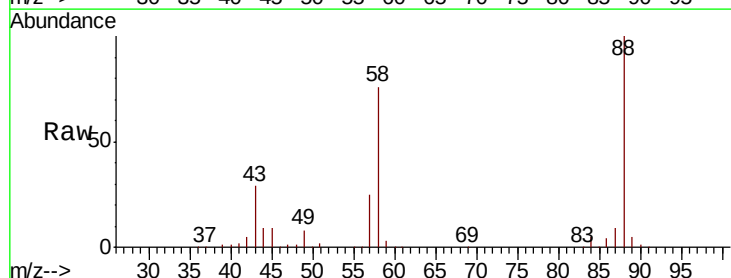
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 39.922 ng  
RT: 2.39 min Scan# 51  
Delta R.T. -0.04 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 76.8  | 63.1  | 94.7  |
| 43      | 28.3  | 24.3  | 36.5  |

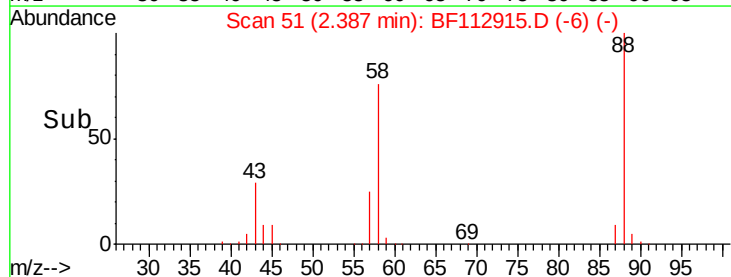
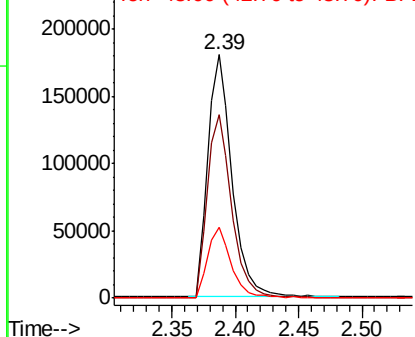


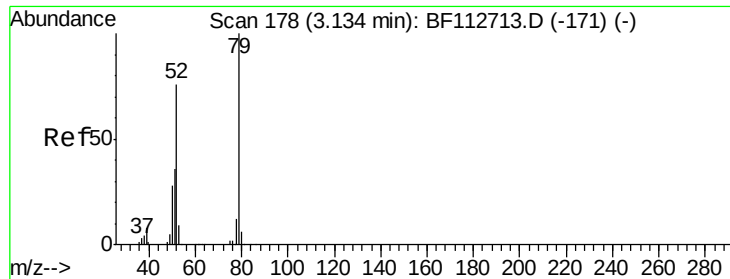
Abundance

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

Pyridine

Concen: 39.207 ng

RT: 3.10 min Scan# 172

Delta R.T. -0.04 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

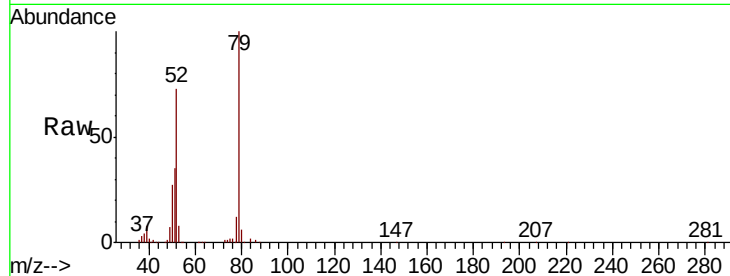
Tgt Ion: 79 Resp: 630425

Ion Ratio Lower Upper

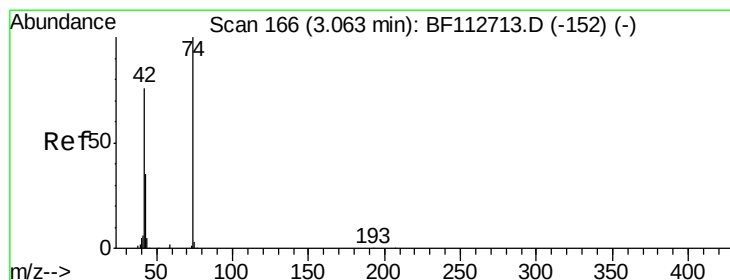
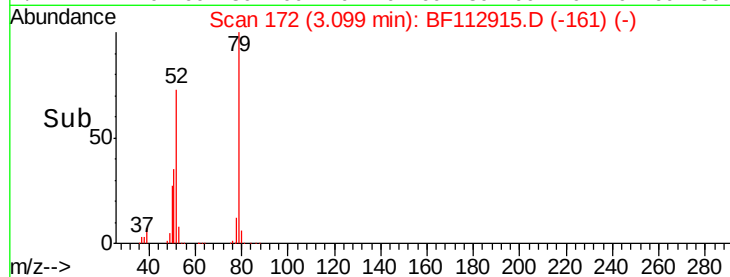
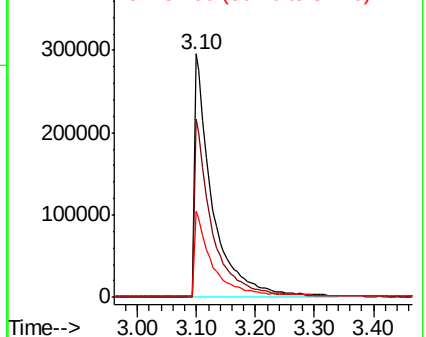
79 100

52 73.2 60.5 90.7

51 35.4 28.8 43.2



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: 37.488 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.03 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

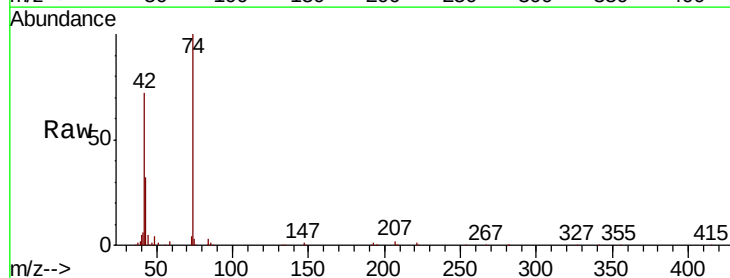
Tgt Ion: 42 Resp: 263686

Ion Ratio Lower Upper

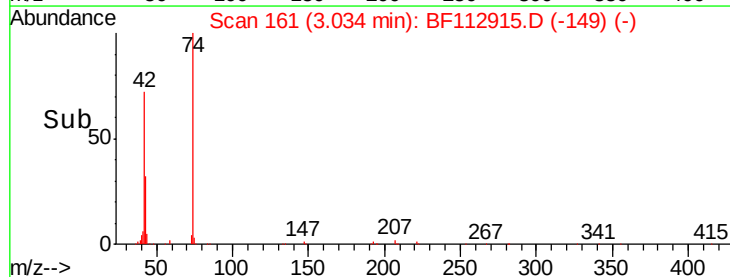
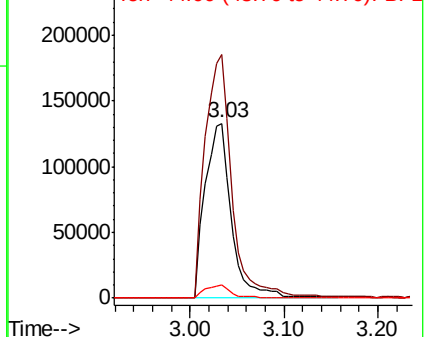
42 100

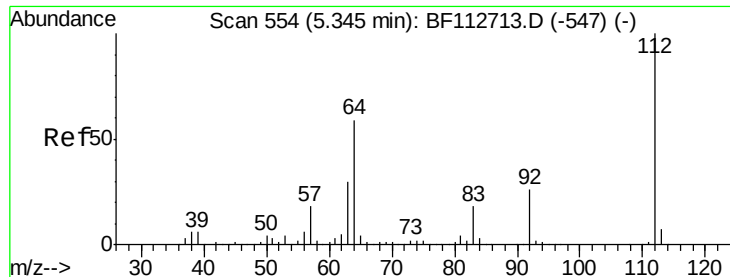
74 139.0 105.8 158.8

44 7.4 6.2 9.2



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

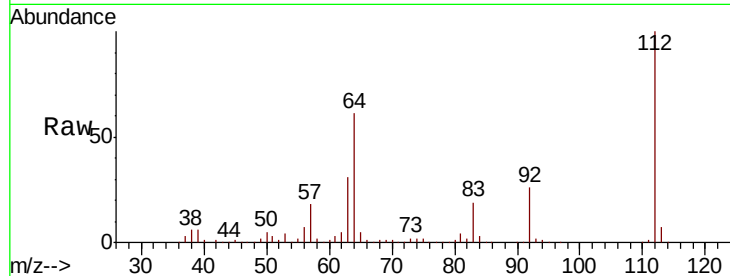




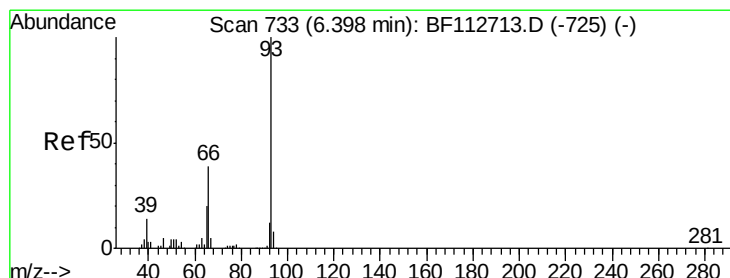
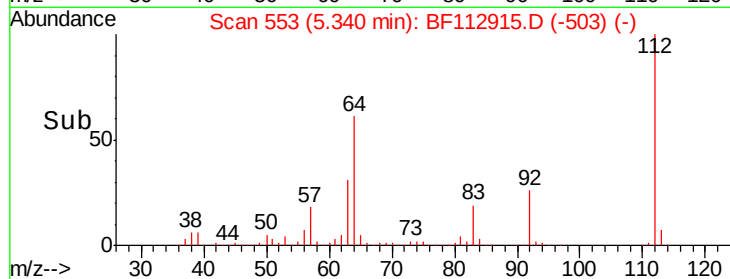
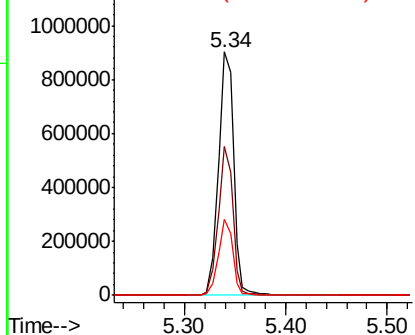
#5  
2-Fluorophenol  
Concen: 78.691 ng  
RT: 5.34 min Scan# 553  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 61.1  | 47.6  | 71.4  |
| 63      | 31.2  | 24.4  | 36.6  |

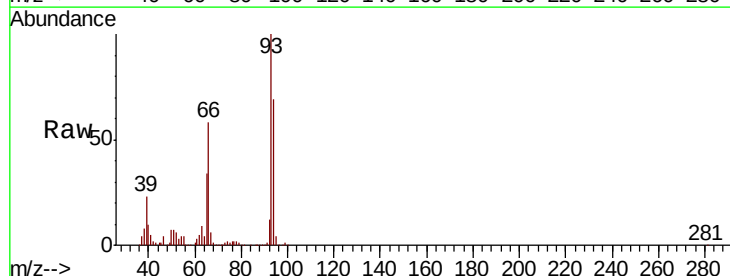


Abundance Ion 112.00 (111.70 to 112.70): BF1  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1

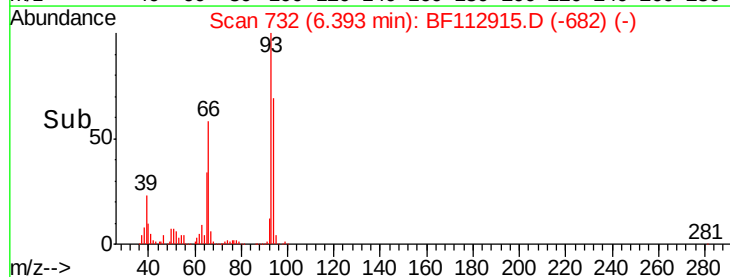
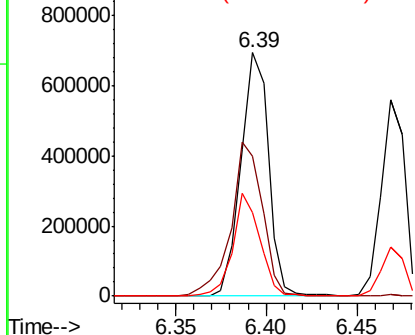


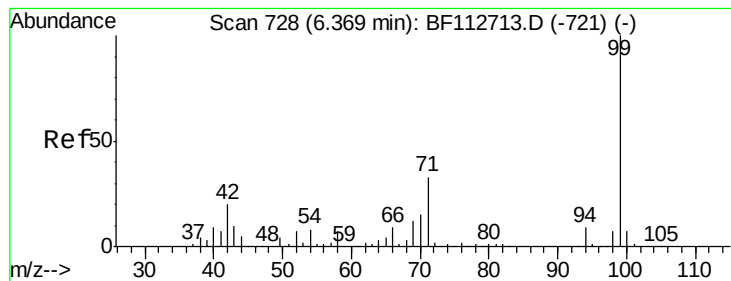
#6  
Aniline  
Concen: 35.755 ng  
RT: 6.39 min Scan# 732  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 66      | 57.5  | 32.2  | 48.2# |
| 65      | 34.1  | 16.2  | 24.4# |



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: 75.834 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

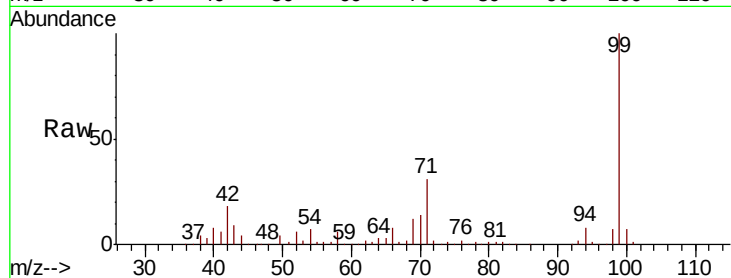
Tgt Ion: 99 Resp: 1142181

Ion Ratio Lower Upper

99 100

42 17.7 16.3 24.5

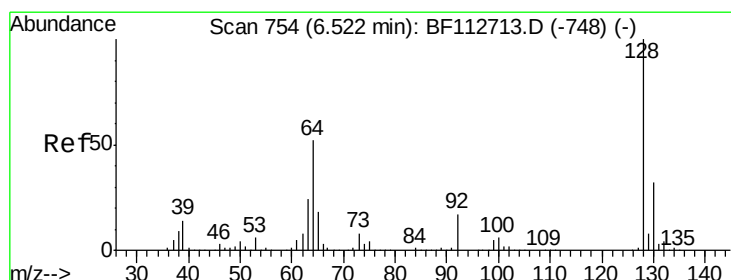
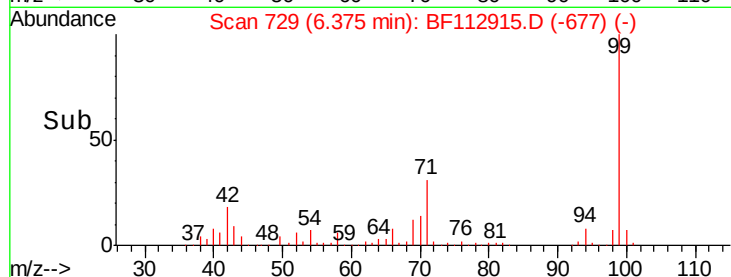
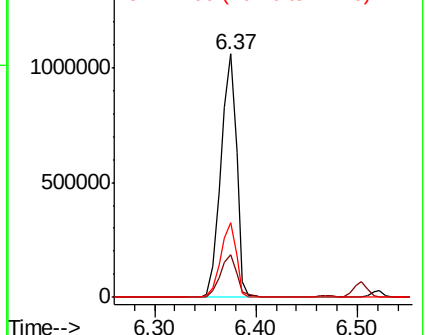
71 30.9 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.992 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

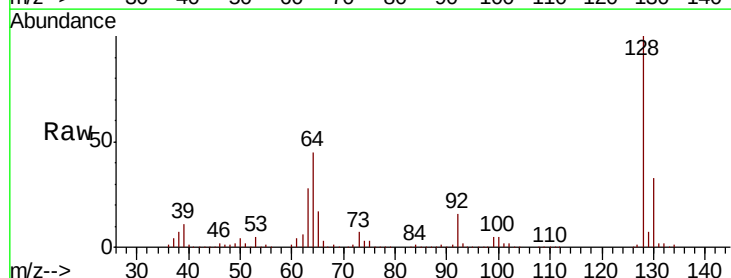
Tgt Ion: 128 Resp: 520426

Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

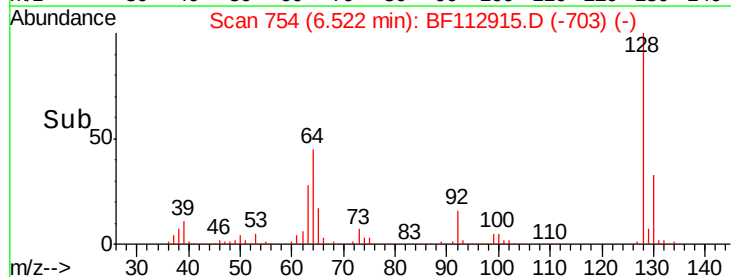
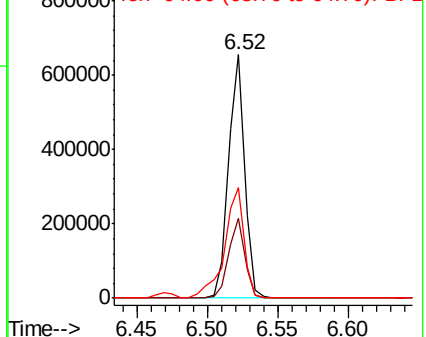
64 45.3 32.2 72.2



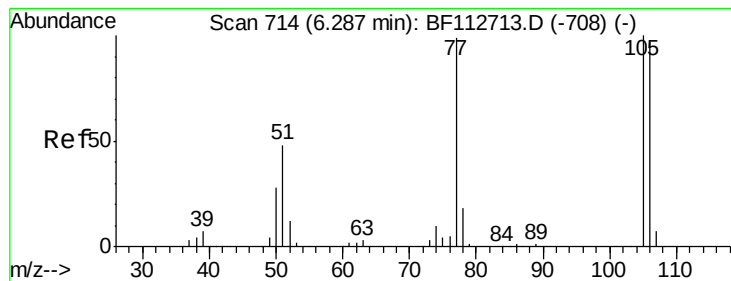
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 33.963 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

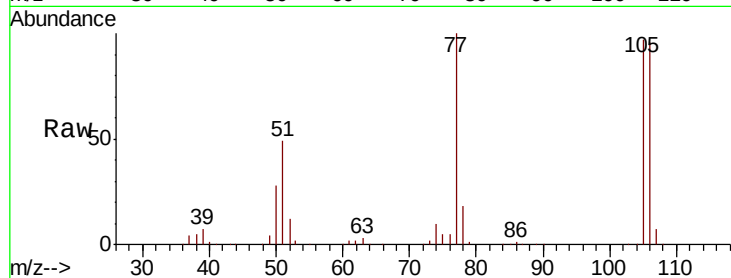
Tgt Ion: 77 Resp: 368585

Ion Ratio Lower Upper

77 100

105 97.3 81.4 121.4

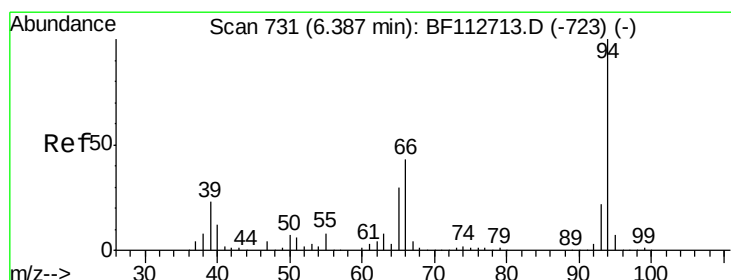
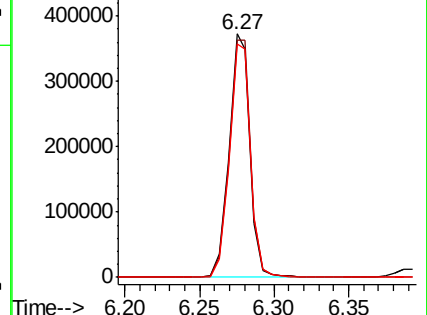
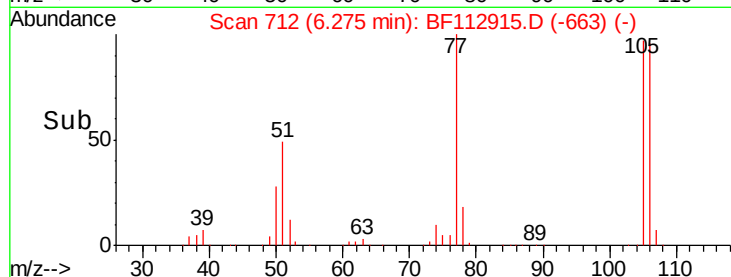
106 95.7 78.3 118.3



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: 36.029 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

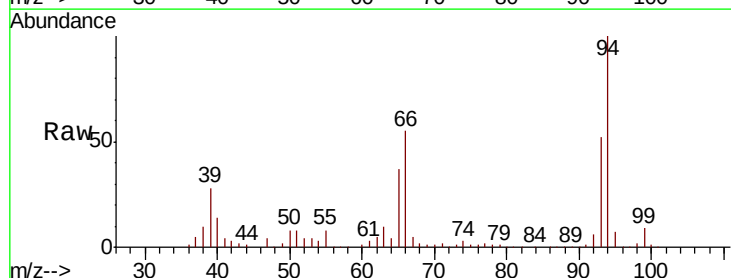
Tgt Ion: 94 Resp: 633234

Ion Ratio Lower Upper

94 100

65 36.9 10.5 50.5

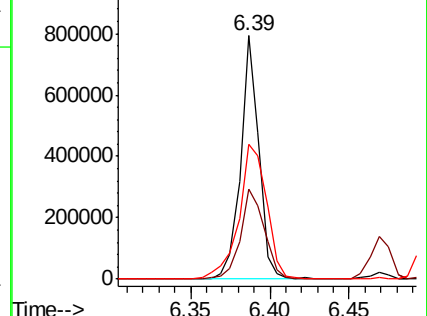
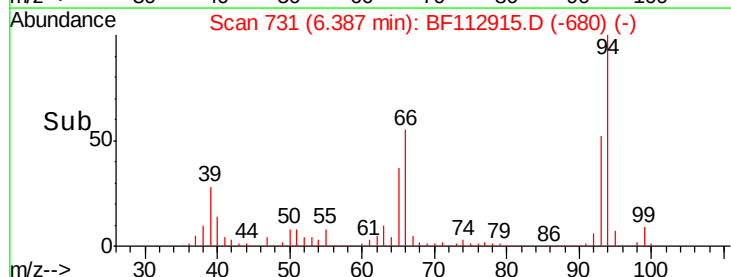
66 55.4 22.6 62.6



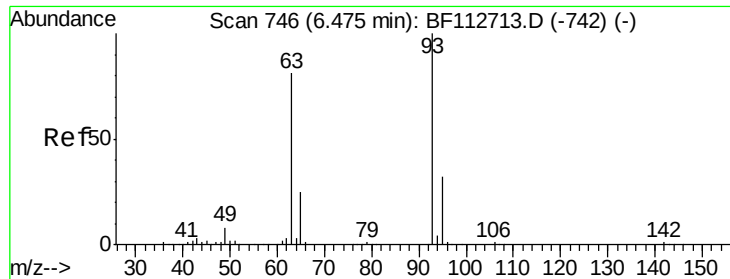
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



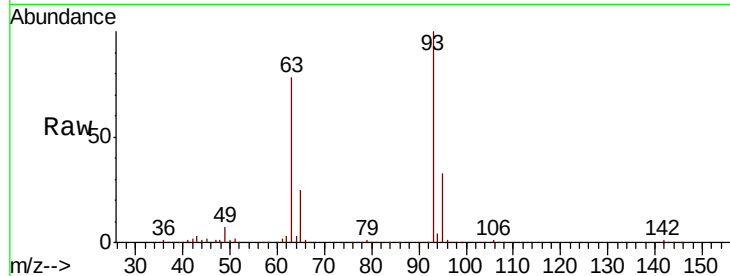




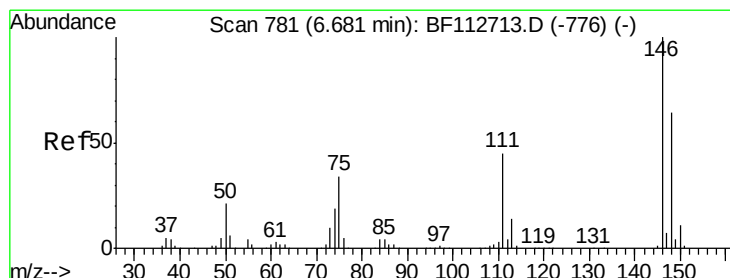
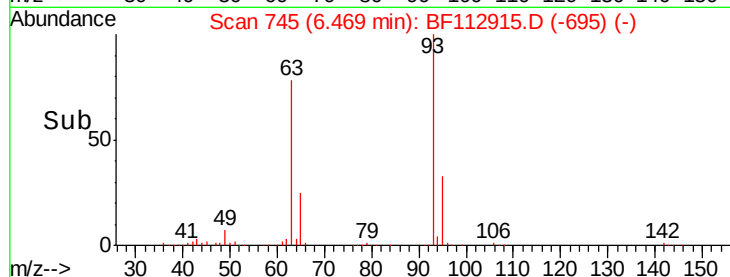
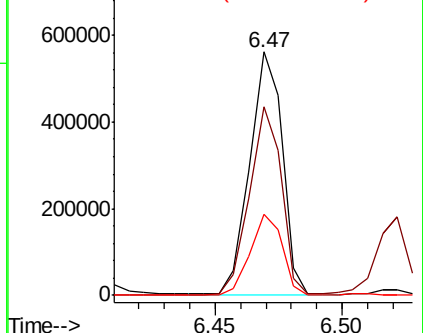
#11  
bis(2-Chloroethyl)ether  
Concen: 37.321 ng  
RT: 6.47 min Scan# 745  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 93 Resp: 503465  
Ion Ratio Lower Upper  
93 100  
63 77.7 60.5 100.5  
95 33.0 12.1 52.1

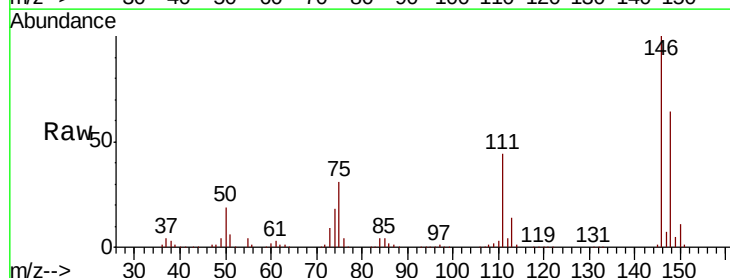


Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1

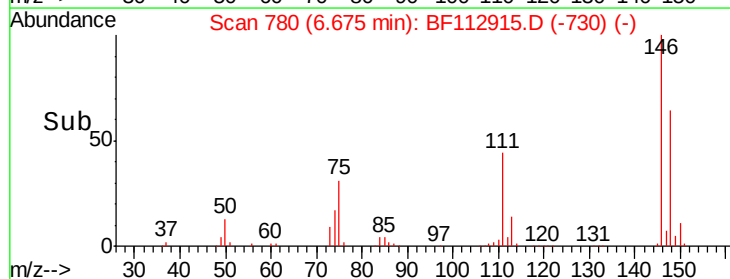
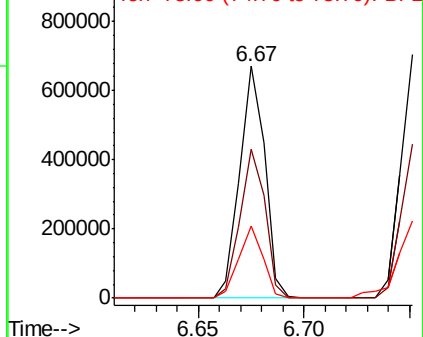


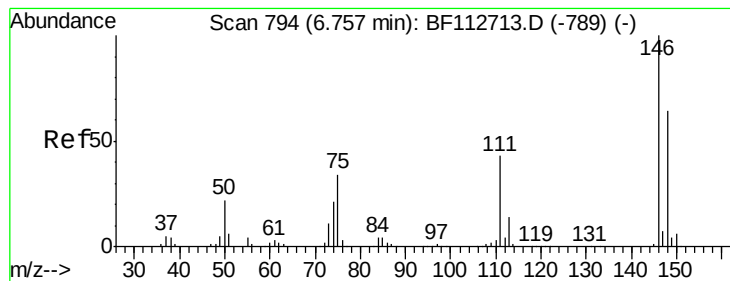
#12  
1,3-Dichlorobenzene  
Concen: 39.999 ng  
RT: 6.67 min Scan# 780  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Tgt Ion: 146 Resp: 551506  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.9 76.3  
75 31.3 26.9 40.3



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: 39.949 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

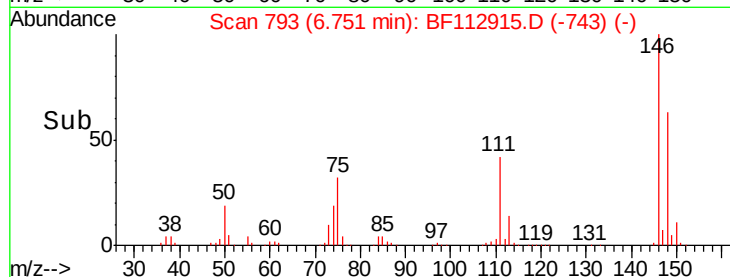
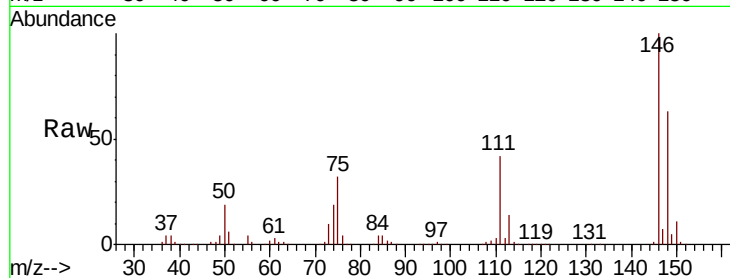
Tgt Ion:146 Resp: 552381

Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

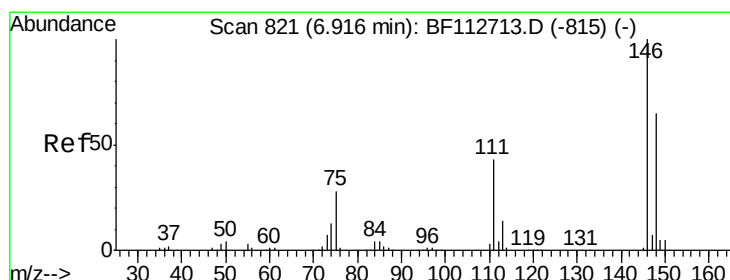
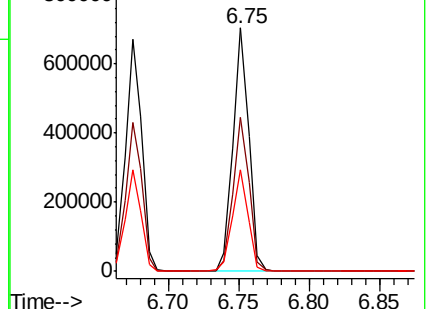
111 41.5 34.5 51.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.852 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

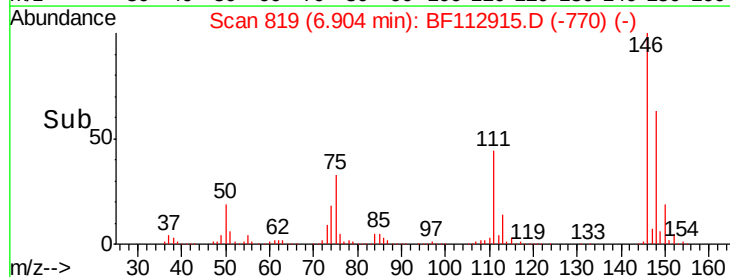
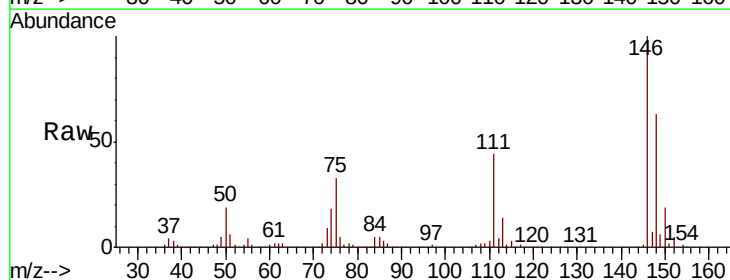
Tgt Ion:146 Resp: 505153

Ion Ratio Lower Upper

146 100

148 62.9 52.0 78.0

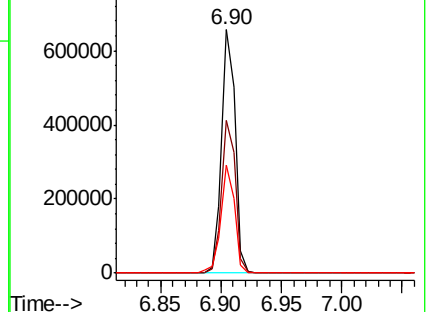
111 44.4 34.8 52.2

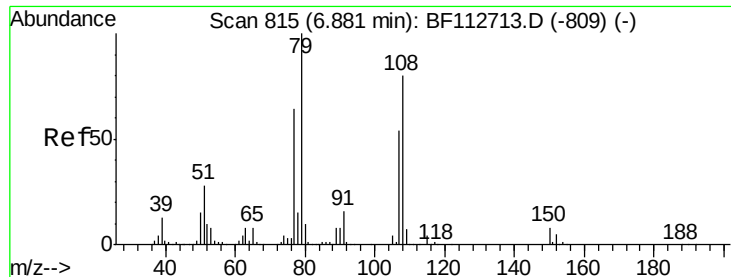


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

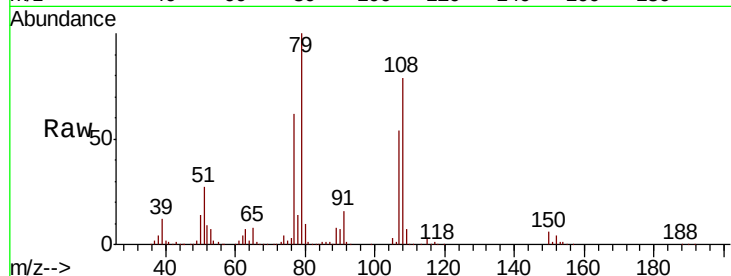




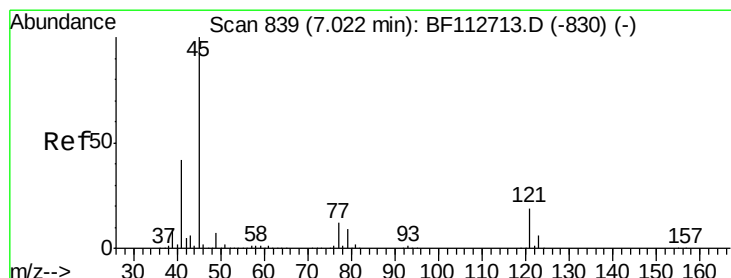
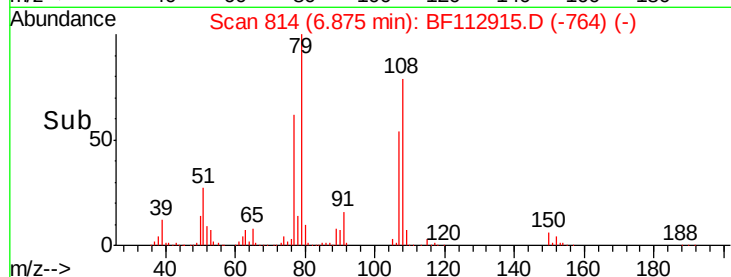
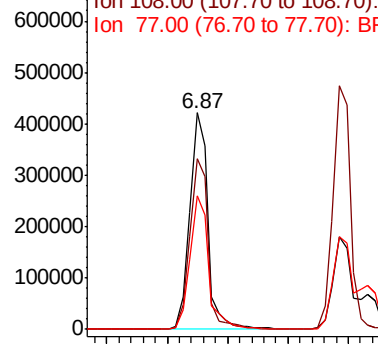
#15  
Benzyl Alcohol  
Concen: 37.626 ng  
RT: 6.87 min Scan# 814  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 79 Resp: 432128  
Ion Ratio Lower Upper  
79 100  
108 78.8 64.2 96.4  
77 62.0 51.1 76.7

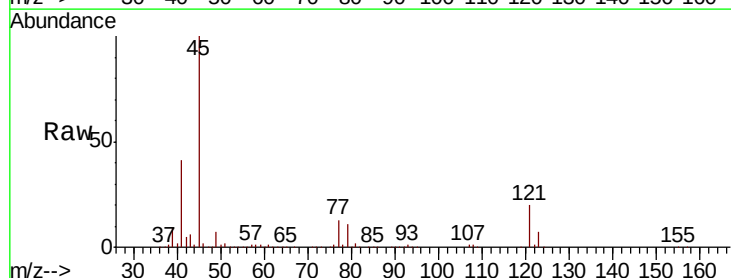


Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 108.00 (107.70 to 108.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1

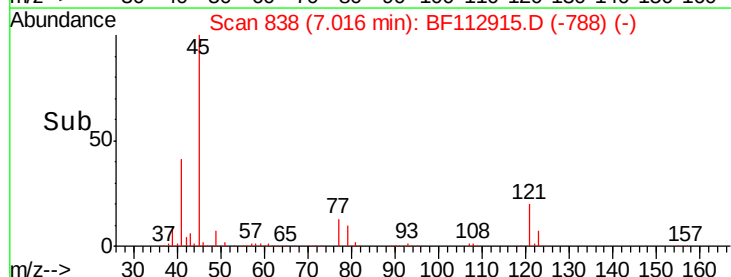
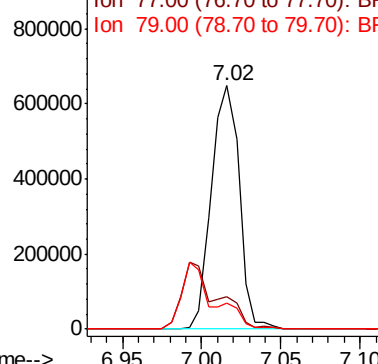


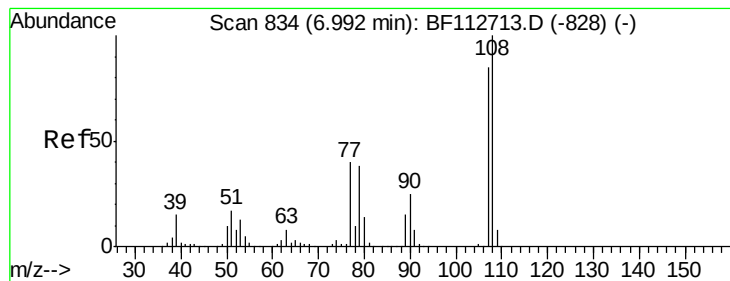
#16  
2,2'-oxybis(1-chloropropane)  
Concen: 35.160 ng  
RT: 7.02 min Scan# 838  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Tgt Ion: 45 Resp: 791562  
Ion Ratio Lower Upper  
45 100  
77 13.3 0.0 32.1  
79 10.5 0.0 29.4



Abundance Ion 45.00 (44.70 to 45.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.248 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 403318

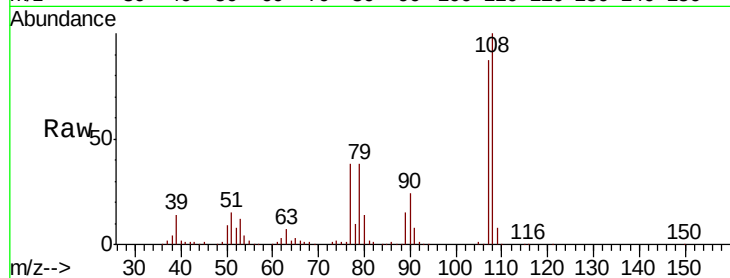
Ion Ratio Lower Upper

107 100

108 115.1 94.6 142.0

77 43.8 37.8 56.8

79 43.5 36.2 54.2

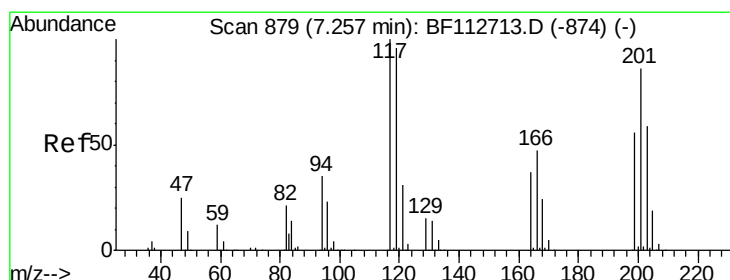
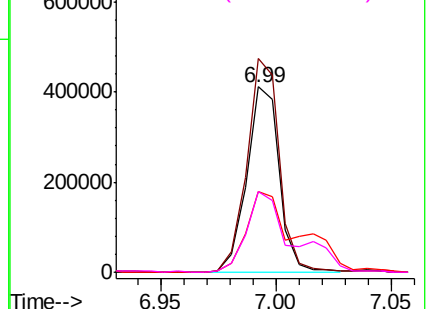
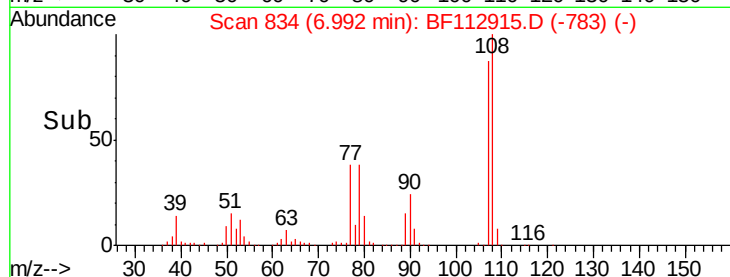


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 35.938 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

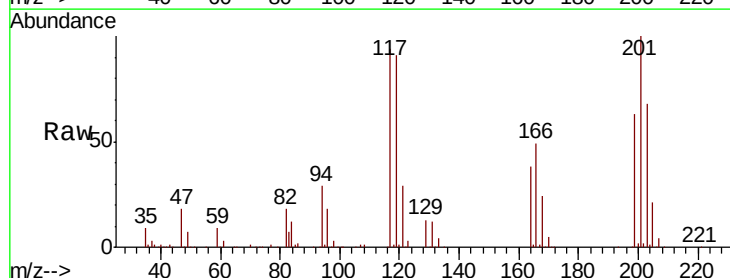
Tgt Ion:117 Resp: 190349

Ion Ratio Lower Upper

117 100

119 96.7 76.6 115.0

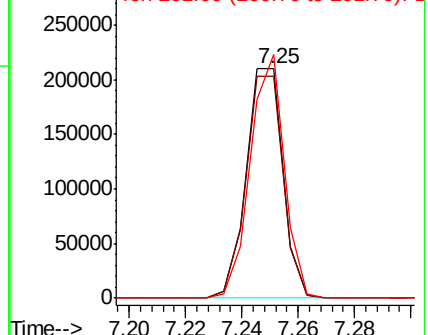
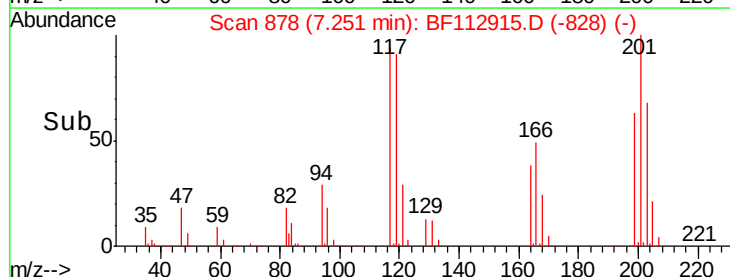
201 106.2 68.9 103.3#

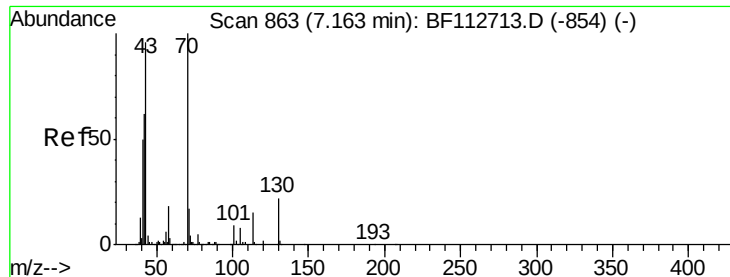


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

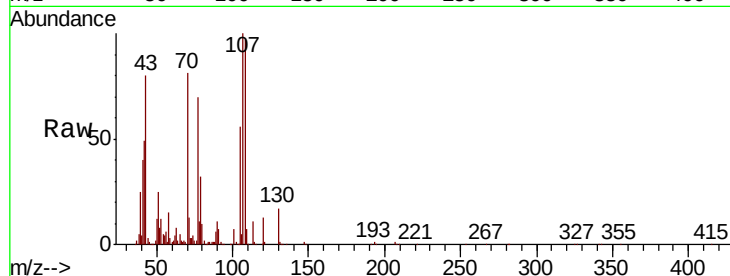




#19  
n-Nitroso-di-n-propylamine  
Concen: 34.538 ng  
RT: 7.15 min Scan# 861  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 329459 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 61.3  | 49.9  | 74.9   |
| 101      | 9.2   | 7.4   | 11.2   |
| 130      | 21.3  | 17.4  | 26.2   |



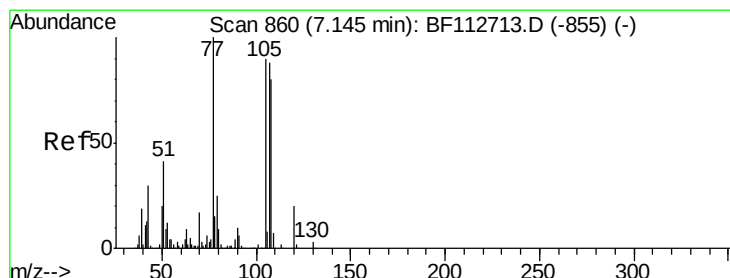
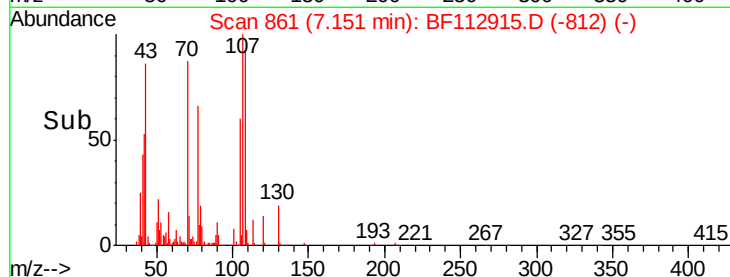
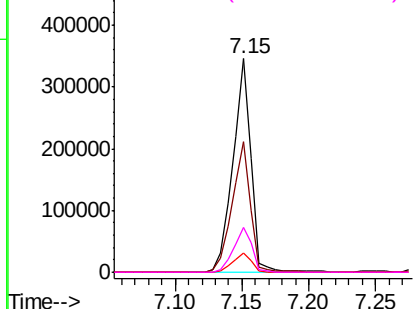
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

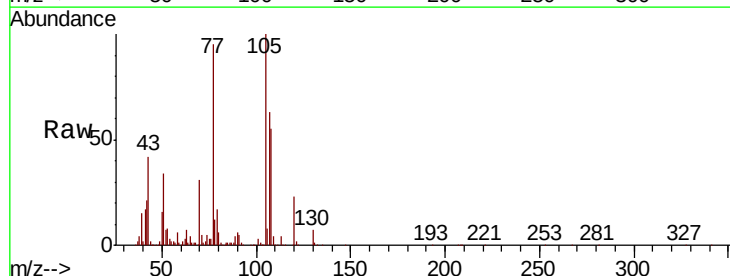
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20  
3+4-Methylphenols  
Concen: 37.637 ng  
RT: 7.15 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 460092 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.5  | 71.4  | 111.4  |
| 77       | 151.6 | 94.1  | 134.1# |
| 79       | 27.4  | 8.6   | 48.6   |



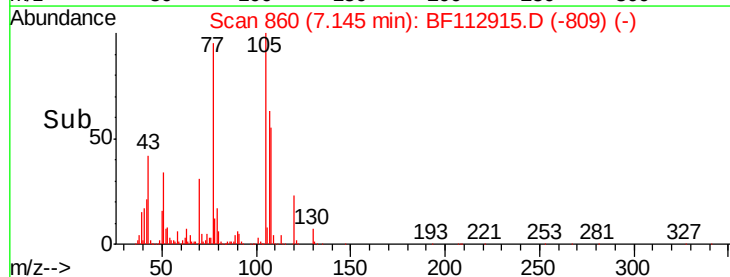
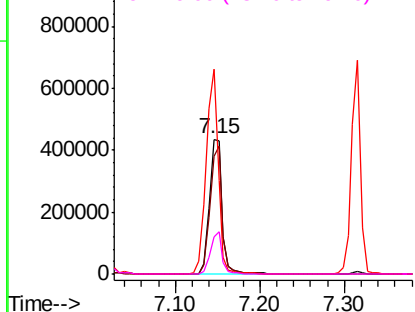
Abundance

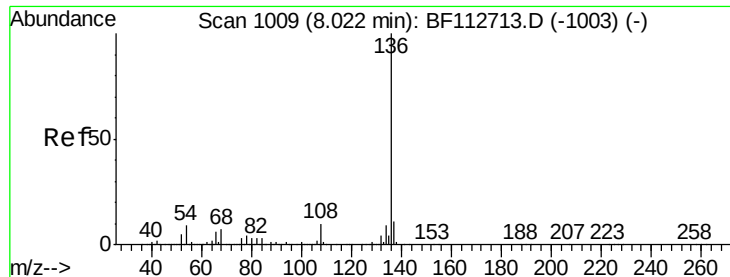
Ion 107.00 (106.70 to 107.70): E

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

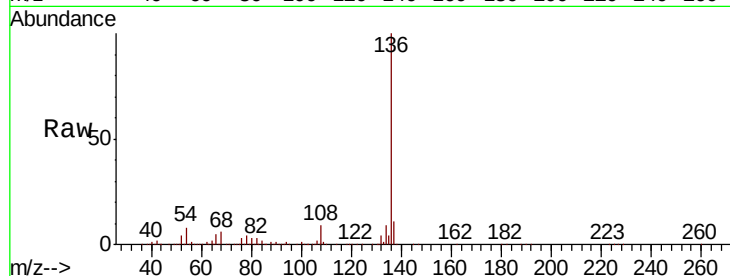




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.02 min Scan# 1008  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 696505 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.1  | 8.9   | 13.3   |
| 54        | 8.1   | 7.3   | 10.9   |
| 68        | 6.4   | 5.4   | 8.2    |



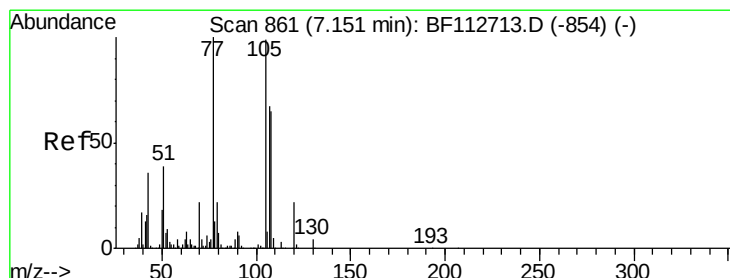
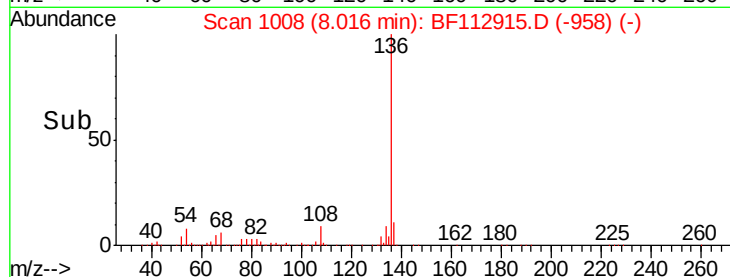
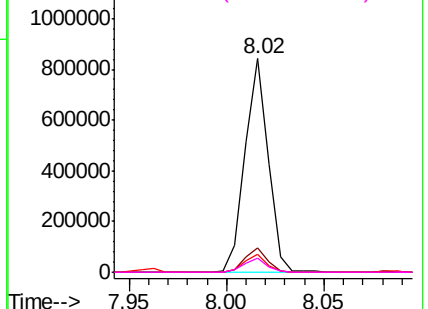
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

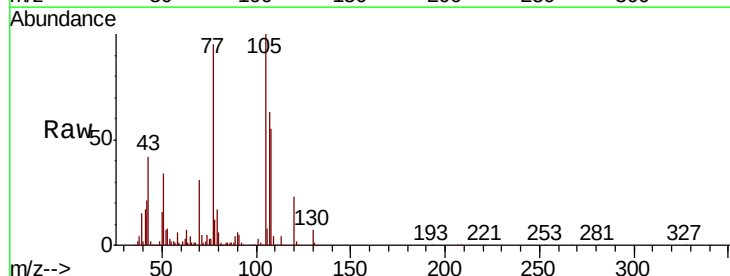
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22  
Acetophenone  
Concen: 41.538 ng  
RT: 7.15 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 676502 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 5.2   | 3.0   | 4.4#   |
| 51        | 34.5  | 31.5  | 47.3   |
| 120       | 22.8  | 18.1  | 27.1   |



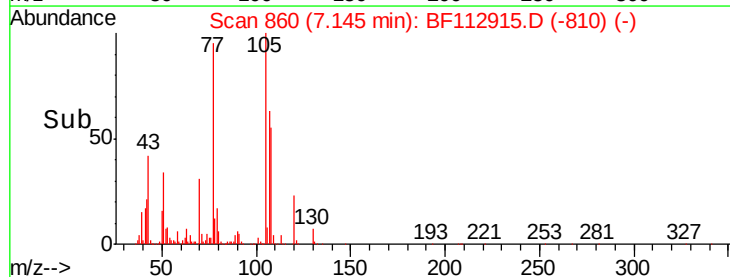
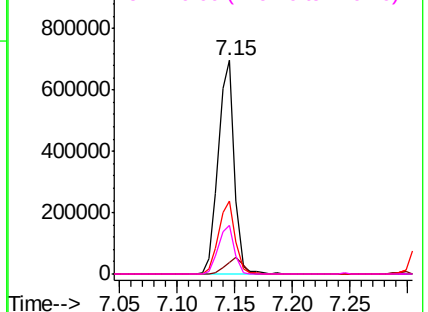
Abundance

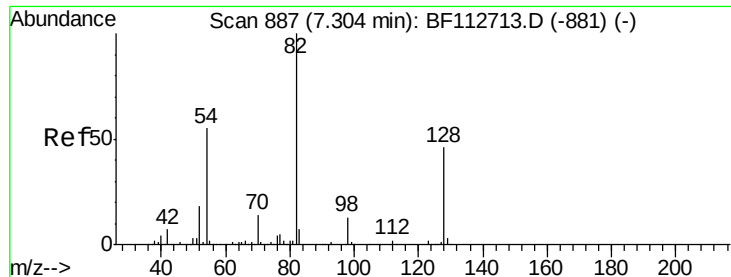
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

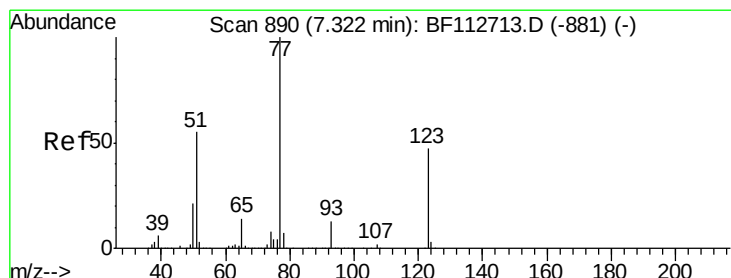
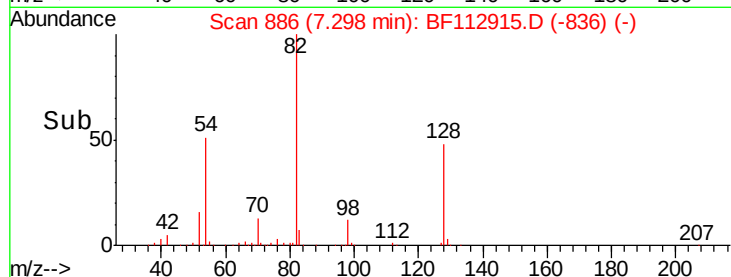
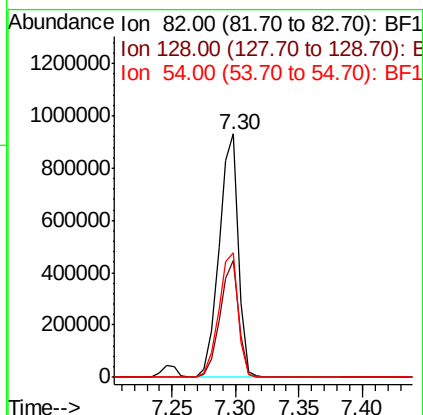
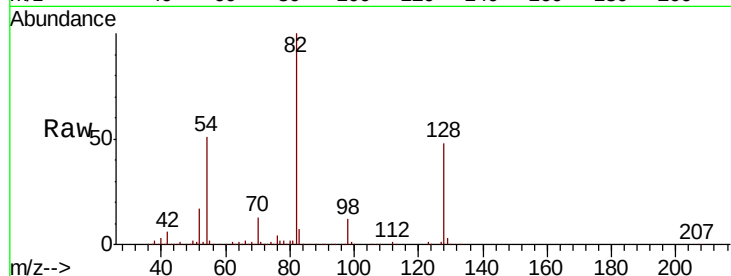




#23  
 Nitrobenzene-d5  
 Concen: 84.369 ng  
 RT: 7.30 min Scan# 886  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

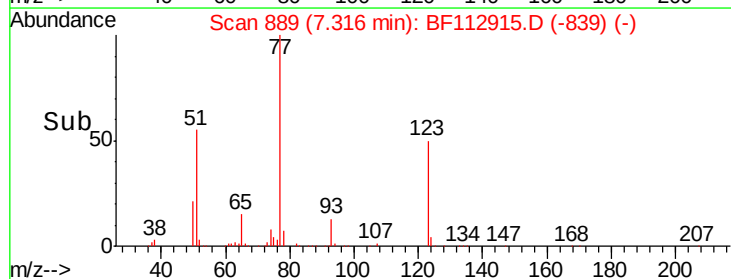
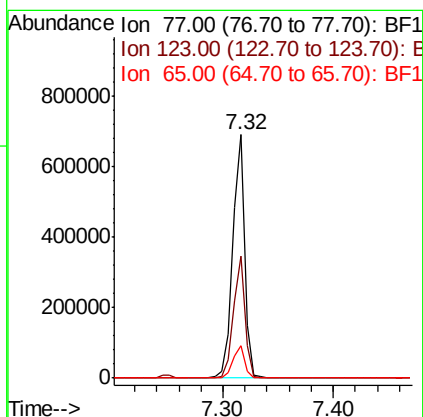
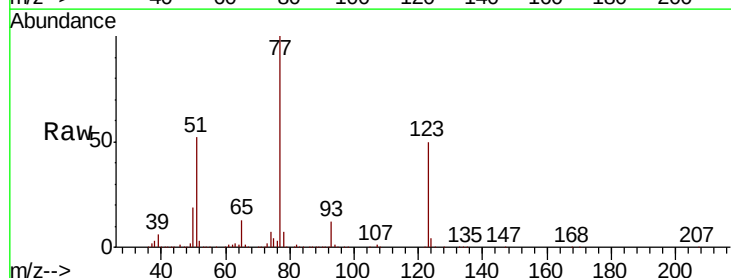
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion: 82 Resp: 982039  
 Ion Ratio Lower Upper  
 82 100  
 128 48.1 36.3 54.5  
 54 51.3 43.7 65.5

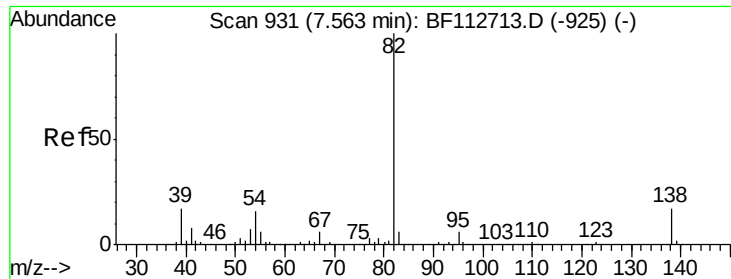


#24  
 Nitrobenzene  
 Concen: 40.511 ng  
 RT: 7.32 min Scan# 889  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

Tgt Ion: 77 Resp: 524833  
 Ion Ratio Lower Upper  
 77 100  
 123 49.9 37.8 56.6  
 65 13.5 11.1 16.7



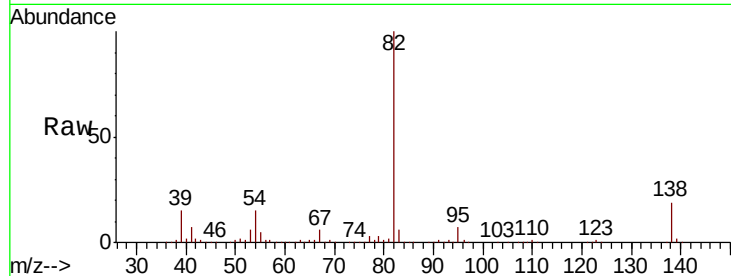




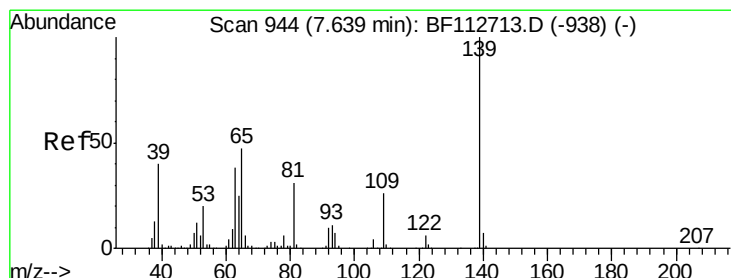
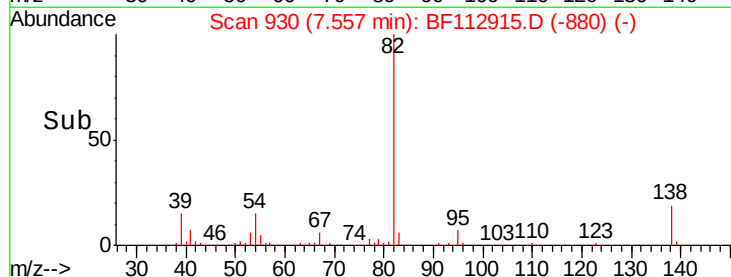
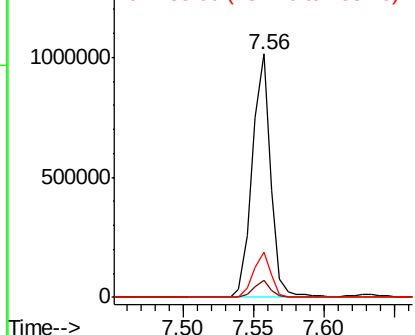
#25  
Isophorone  
Concen: 37.328 ng  
RT: 7.56 min Scan# 930  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 82 Resp: 936054  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.2 7.8  
138 18.5 13.8 20.8

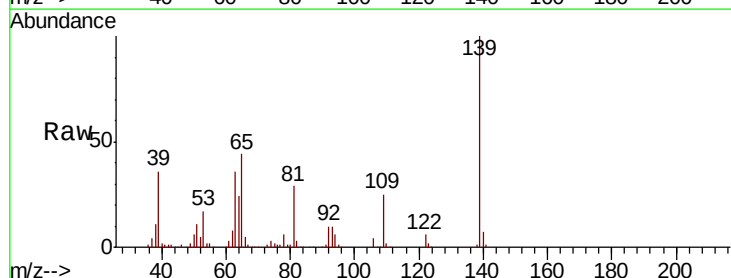


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1

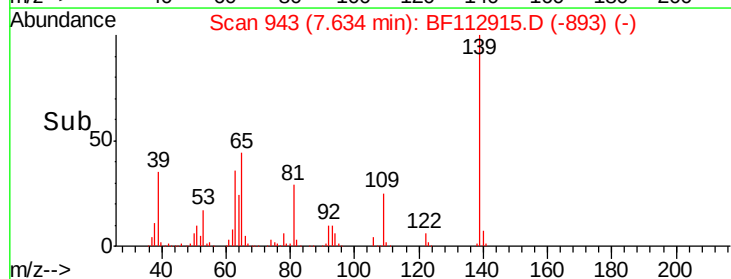
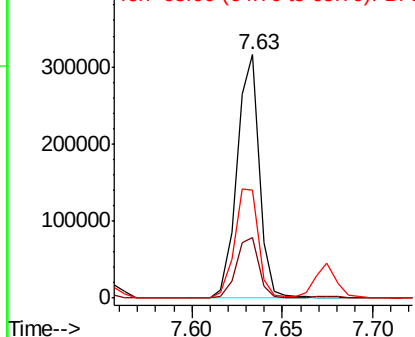


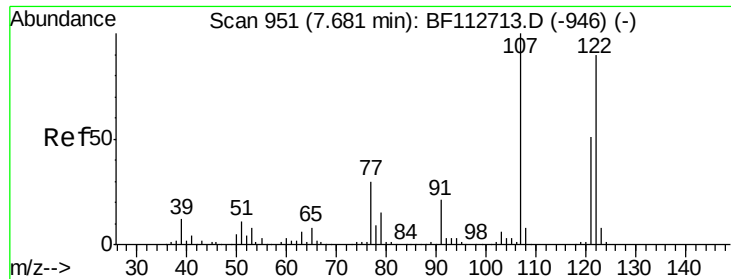
#26  
2-Nitrophenol  
Concen: 50.123 ng  
RT: 7.63 min Scan# 943  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Tgt Ion: 139 Resp: 270310  
Ion Ratio Lower Upper  
139 100  
109 24.6 20.6 31.0  
65 44.4 37.9 56.9



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

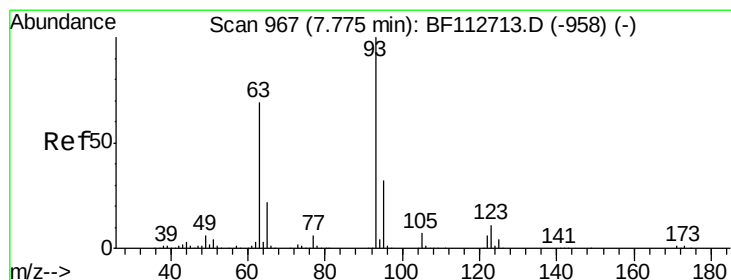
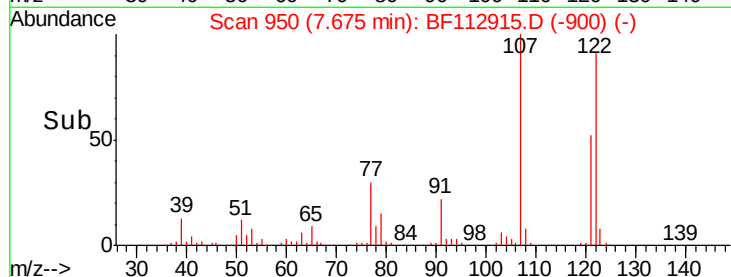
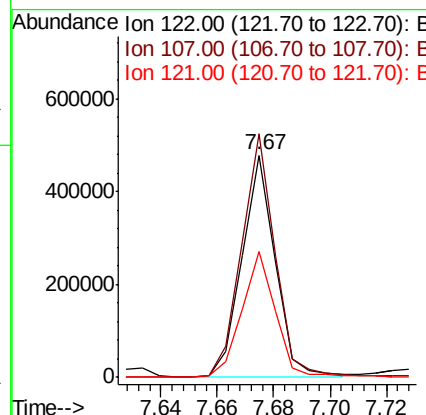
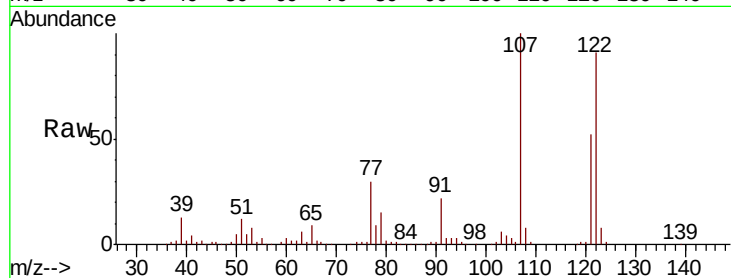




#27  
2,4-Dimethylphenol  
Concen: 39.195 ng  
RT: 7.67 min Scan# 950  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

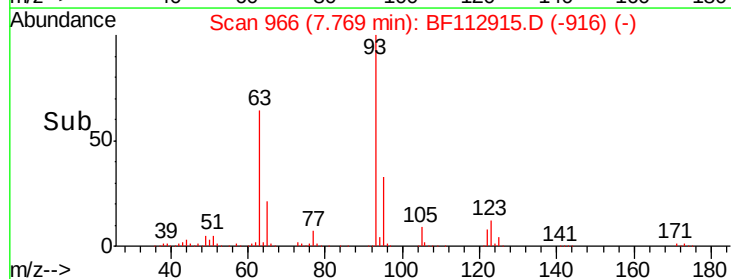
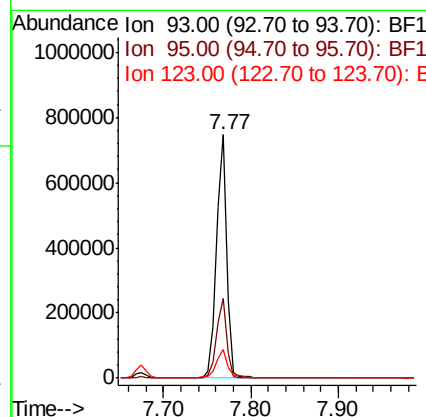
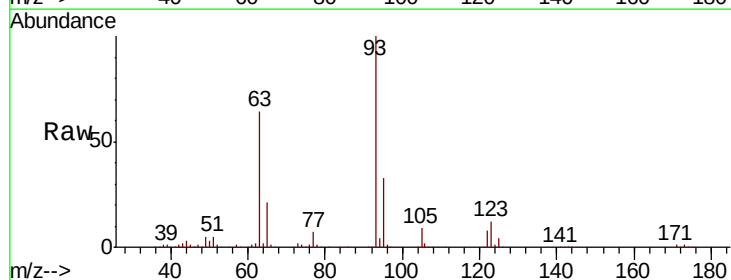
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

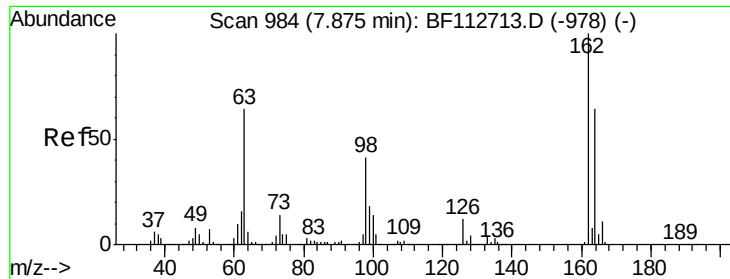
Tgt Ion:122 Resp: 393248  
Ion Ratio Lower Upper  
122 100  
107 109.7 89.4 134.0  
121 56.8 45.5 68.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.204 ng  
RT: 7.77 min Scan# 966  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Tgt Ion: 93 Resp: 614642  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.0 39.0  
123 11.8 9.3 13.9

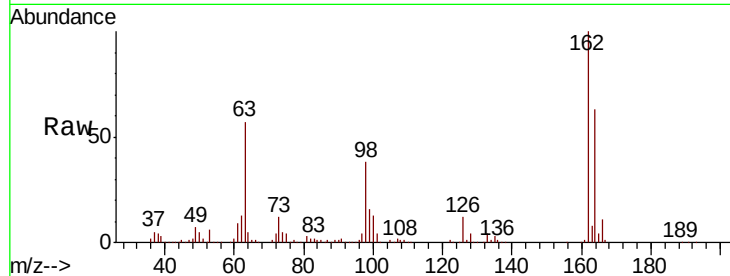




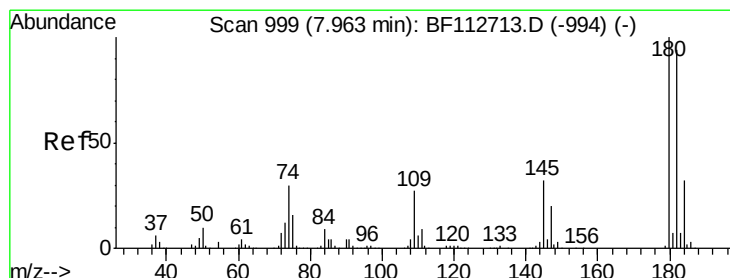
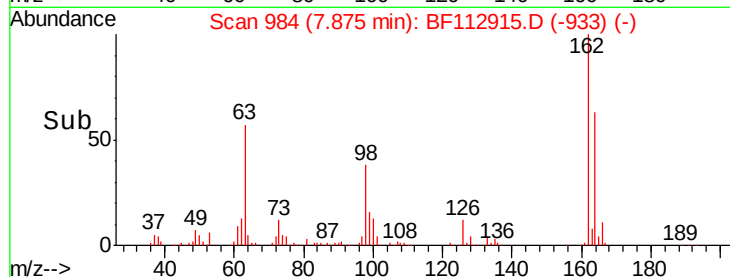
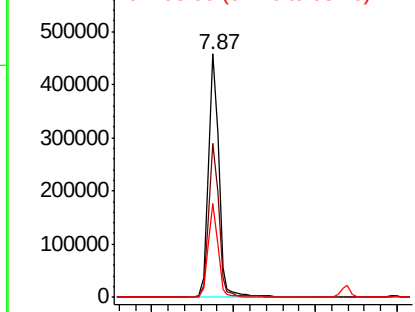
#29  
2,4-Dichlorophenol  
Concen: 41.489 ng  
RT: 7.87 min Scan# 984  
Delta R.T. 0.00 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:162 Resp: 403672  
Ion Ratio Lower Upper  
162 100  
164 63.5 44.0 84.0  
98 38.4 20.7 60.7

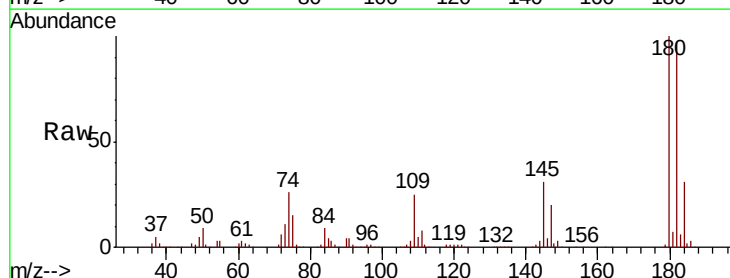


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

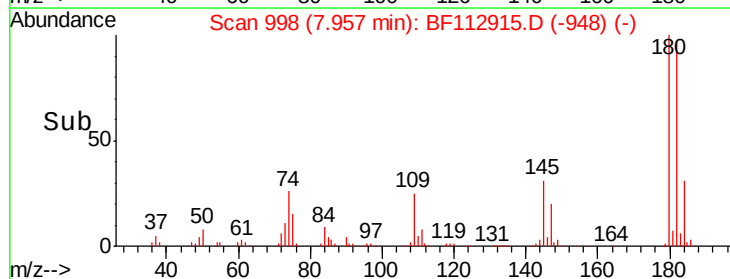
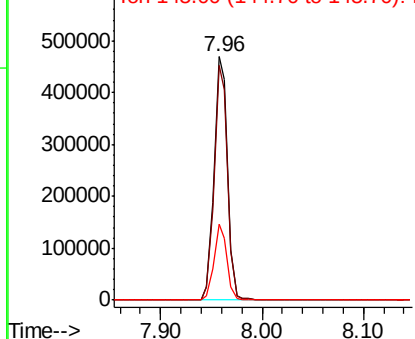


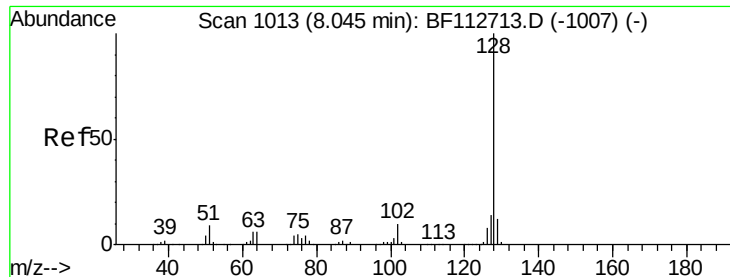
#30  
1,2,4-Trichlorobenzene  
Concen: 41.671 ng  
RT: 7.96 min Scan# 998  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Tgt Ion:180 Resp: 435643  
Ion Ratio Lower Upper  
180 100  
182 96.6 75.2 112.8  
145 31.0 25.4 38.0



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

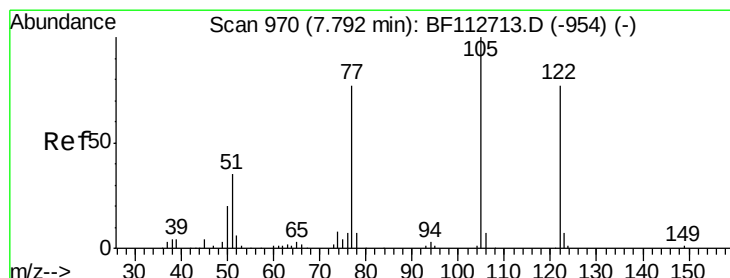
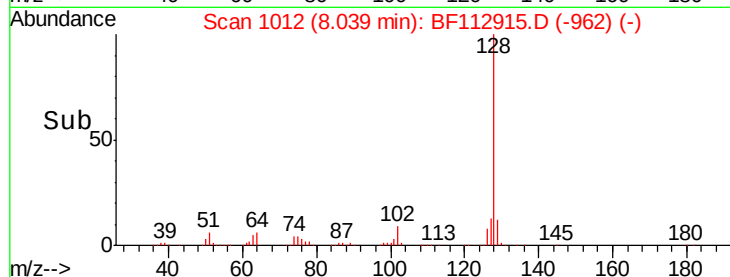
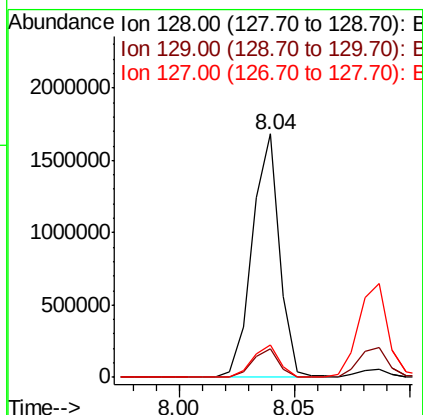
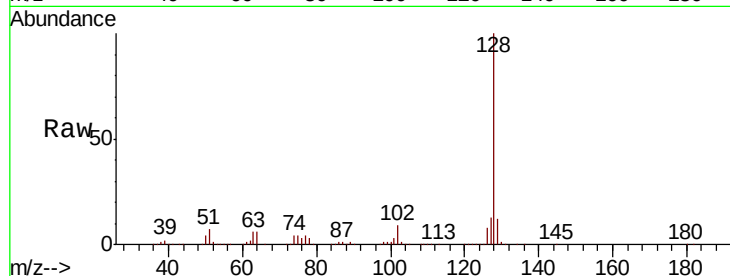




#31  
Naphthalene  
Concen: 40.150 ng  
RT: 8.04 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

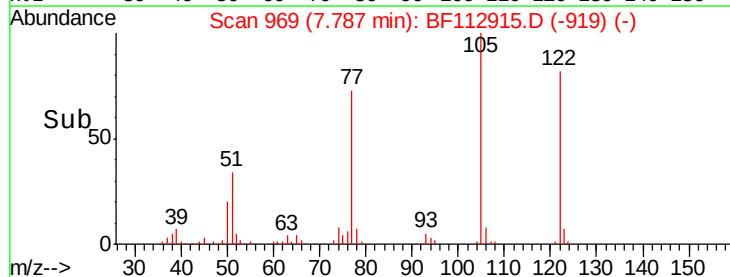
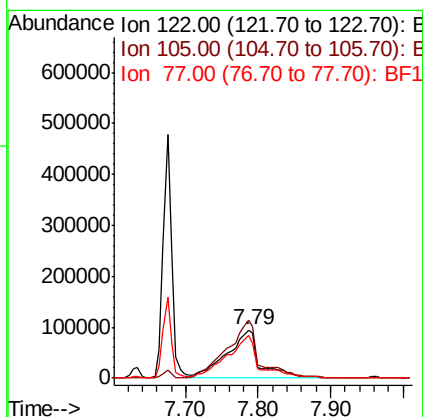
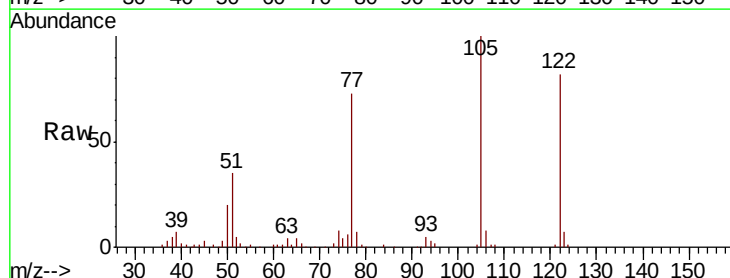
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

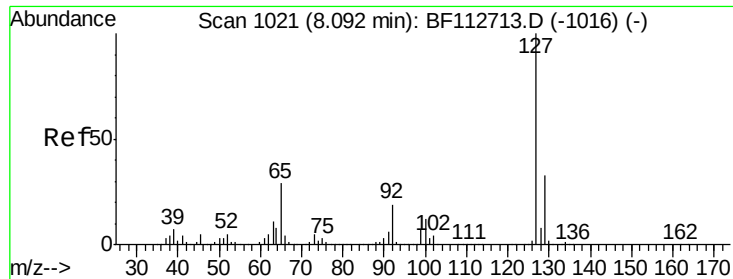
Tgt Ion:128 Resp: 1388374  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.3 13.9  
127 13.5 10.9 16.3



#32  
Benzoic acid  
Concen: 41.577 ng  
RT: 7.79 min Scan# 969  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Tgt Ion:122 Resp: 292368  
Ion Ratio Lower Upper  
122 100  
105 121.6 106.8 146.8  
77 88.8 79.4 119.4

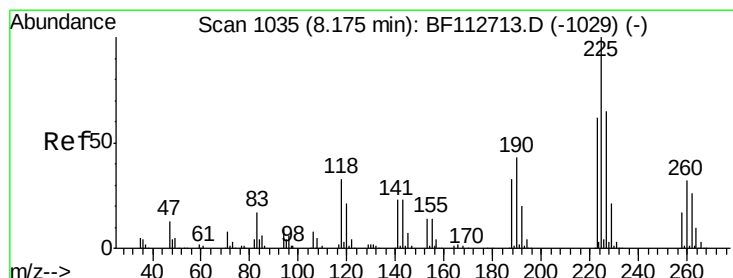
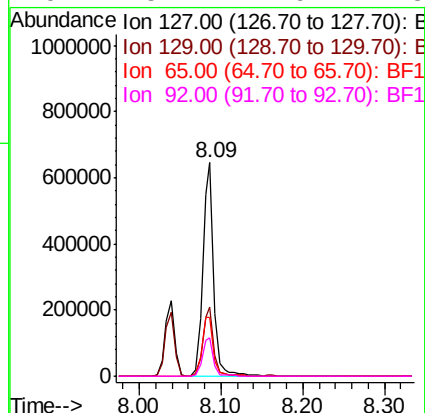
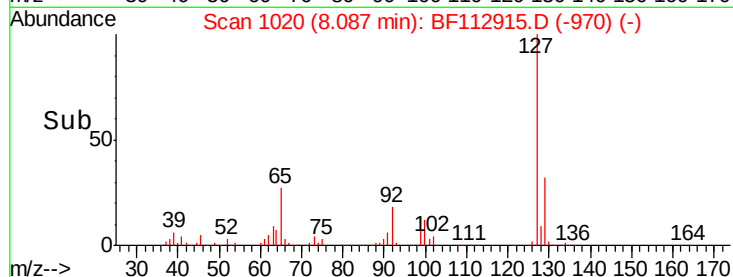
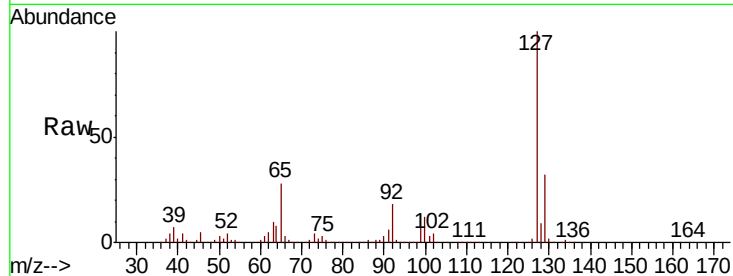




#33  
4-Chloroaniline  
Concen: 40.829 ng  
RT: 8.09 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

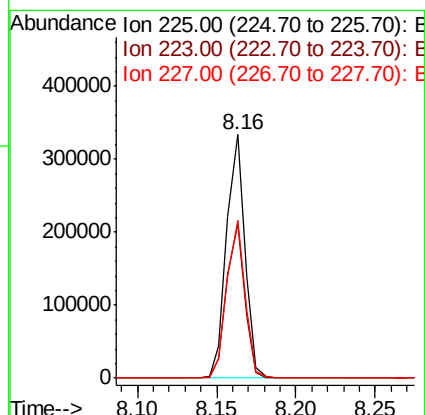
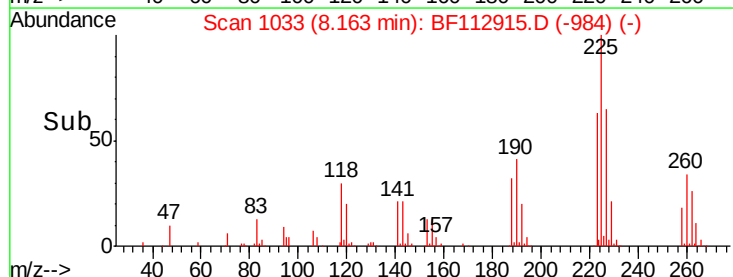
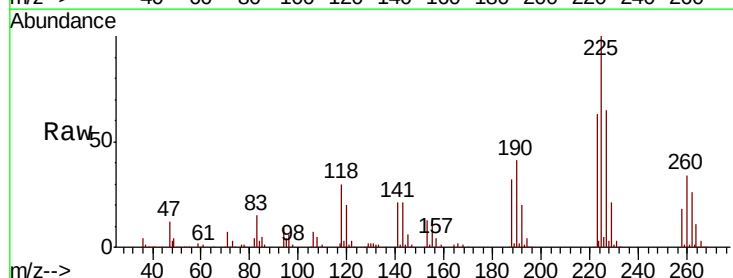
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

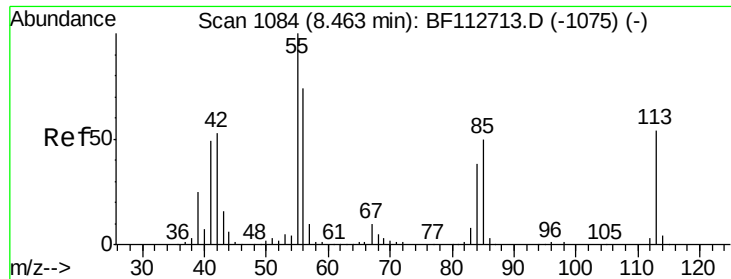
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 598003 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 26.4  | 39.6   |
| 65       | 27.6  | 23.1  | 34.7   |
| 92       | 18.2  | 14.9  | 22.3   |



#34  
Hexachlorobutadiene  
Concen: 45.682 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 269338 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 49.7  | 74.5   |
| 227      | 65.0  | 52.1  | 78.1   |

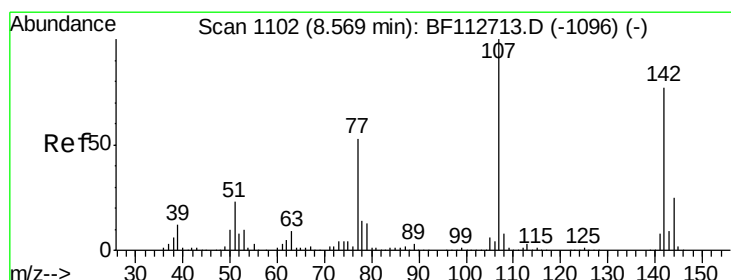
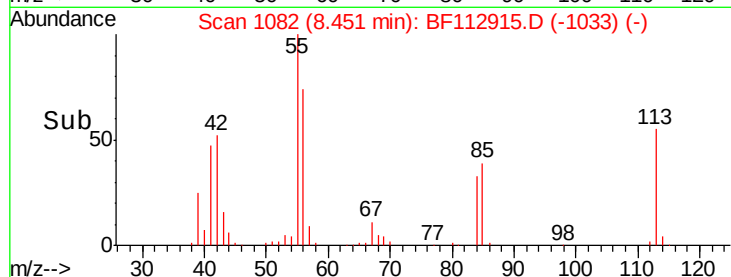
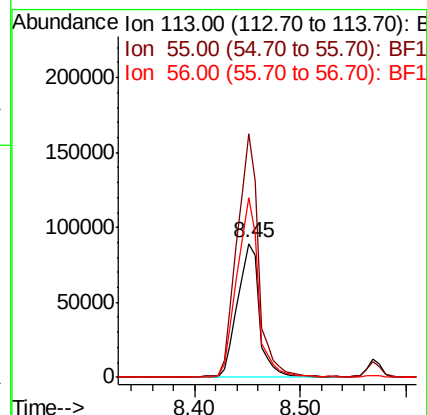
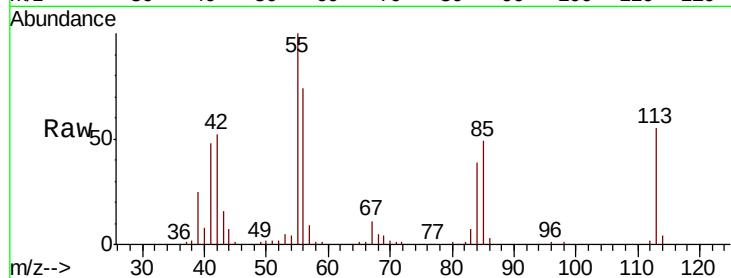




#35  
 Caprolactam  
 Concen: 37.452 ng  
 RT: 8.45 min Scan# 1082  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

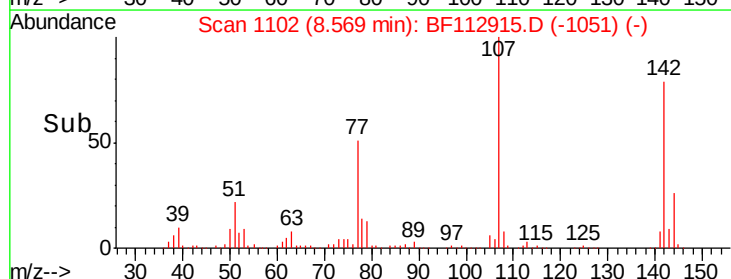
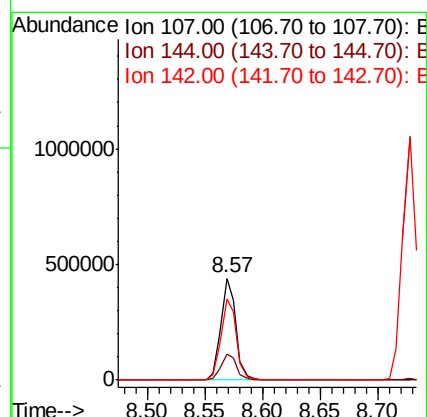
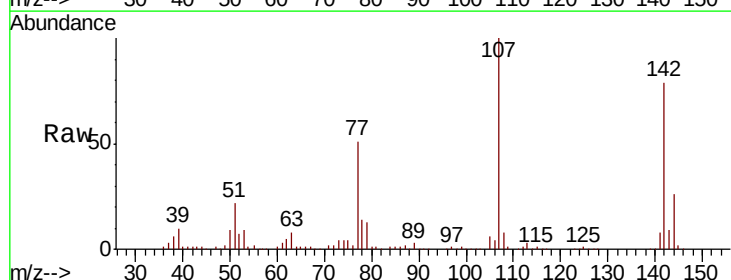
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

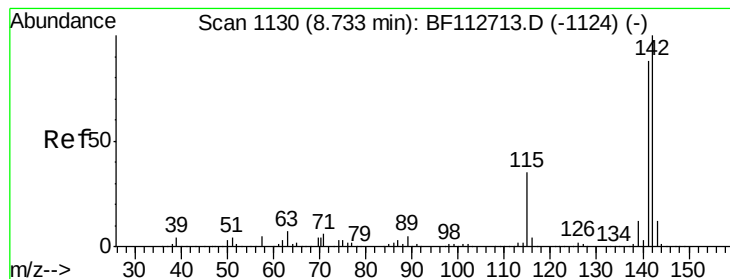
Tgt Ion:113 Resp: 128340  
 Ion Ratio Lower Upper  
 113 100  
 55 181.5 163.5 203.5  
 56 134.1 115.3 155.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 36.975 ng  
 RT: 8.57 min Scan# 1102  
 Delta R.T. 0.00 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

Tgt Ion:107 Resp: 398130  
 Ion Ratio Lower Upper  
 107 100  
 144 25.8 20.1 30.1  
 142 79.1 61.9 92.9





#37

2-Methylnaphthalene

Concen: 39.677 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

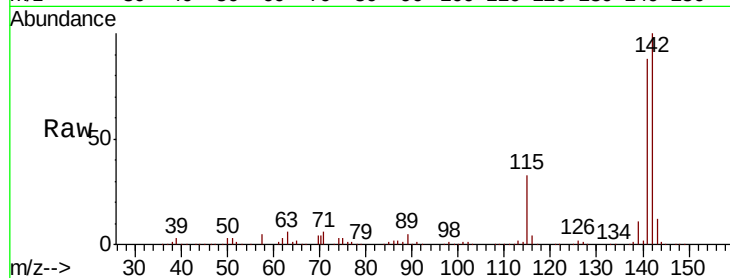
Tgt Ion:142 Resp: 886034

Ion Ratio Lower Upper

142 100

141 88.5 70.3 105.5

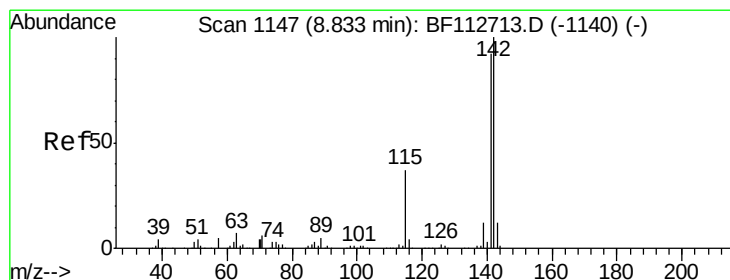
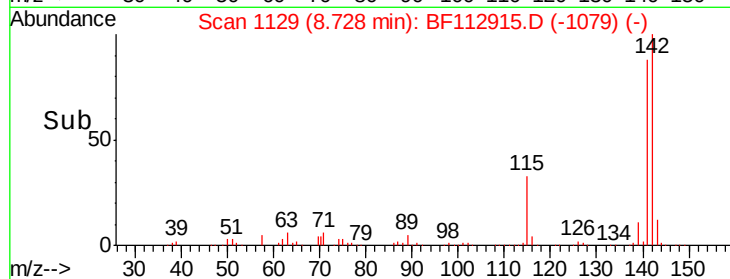
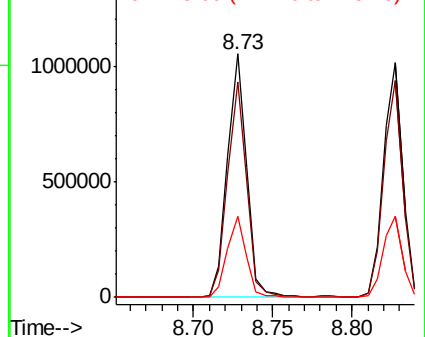
115 33.4 27.8 41.6



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: 39.775 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

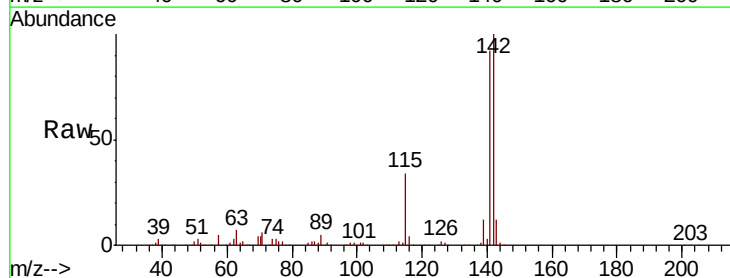
Tgt Ion:142 Resp: 860405

Ion Ratio Lower Upper

142 100

141 92.0 73.7 110.5

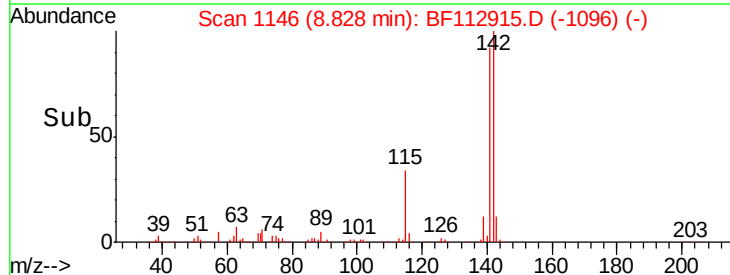
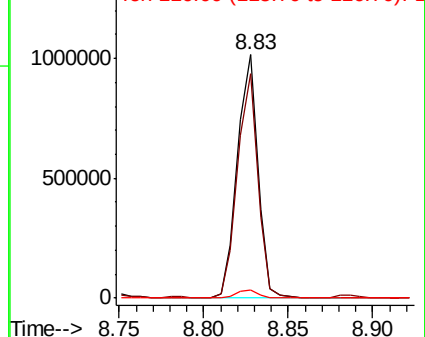
116 3.5 3.1 4.7

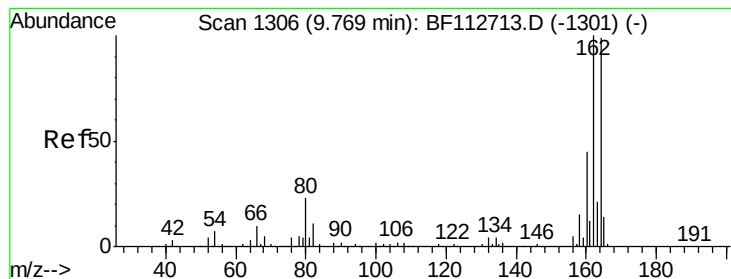


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

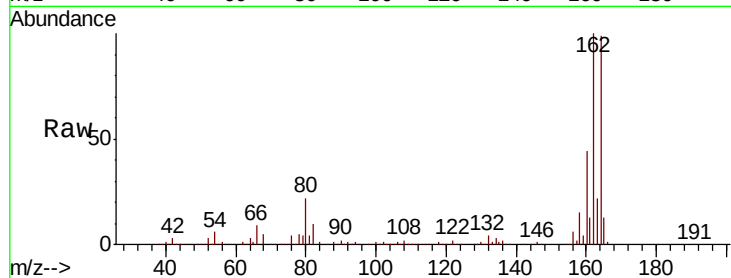
Tgt Ion:164 Resp: 304600

Ion Ratio Lower Upper

164 100

162 100.9 80.6 120.8

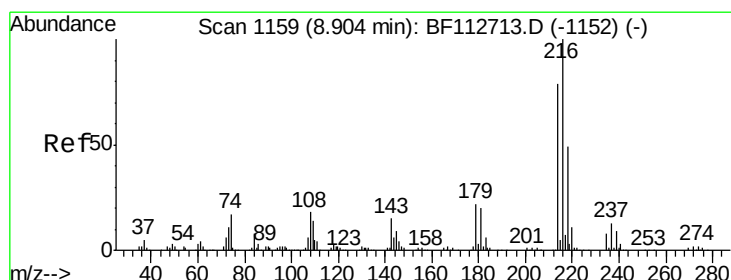
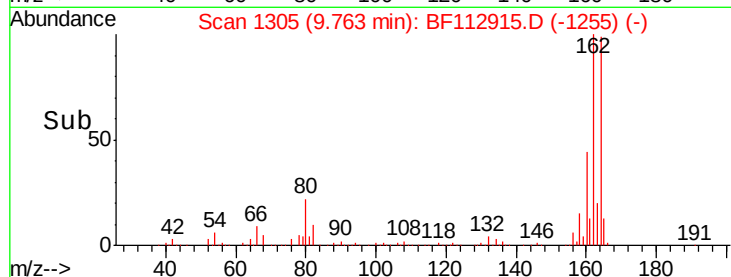
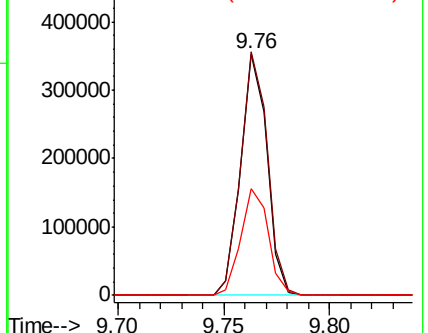
160 44.4 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.129 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Tgt Ion:216 Resp: 418625

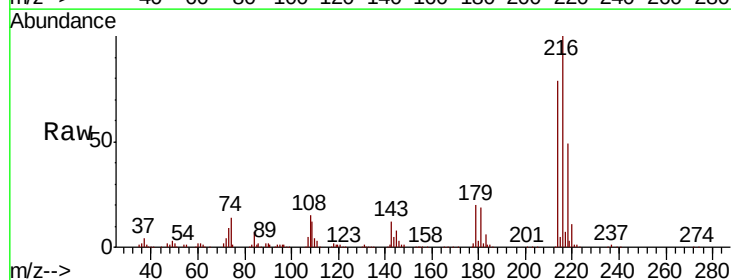
Ion Ratio Lower Upper

216 100

214 79.7 63.2 94.8

179 20.8 17.5 26.3

108 17.5 16.7 25.1

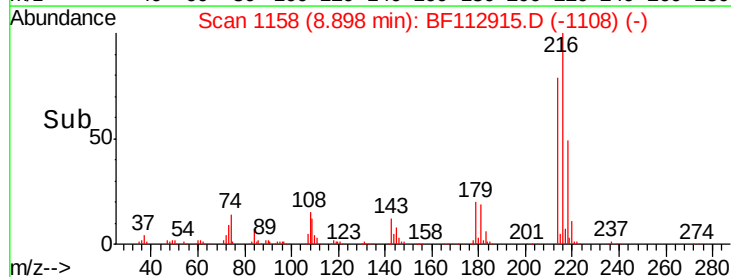
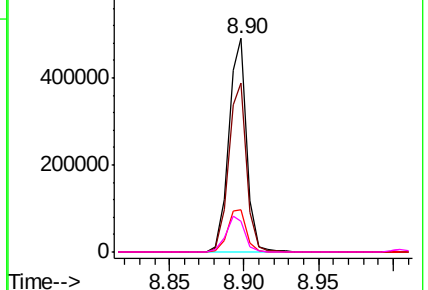


Abundance Ion 216.00 (215.70 to 216.70): E

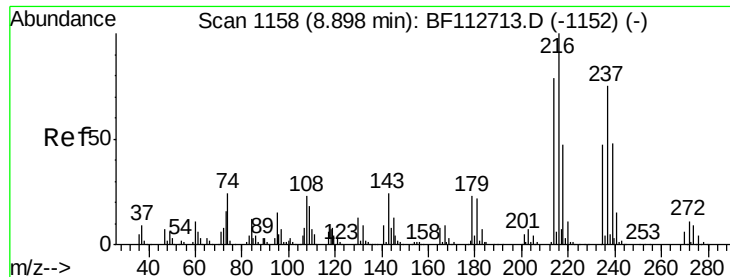
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



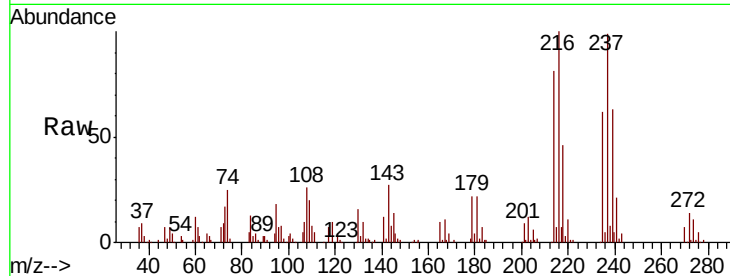




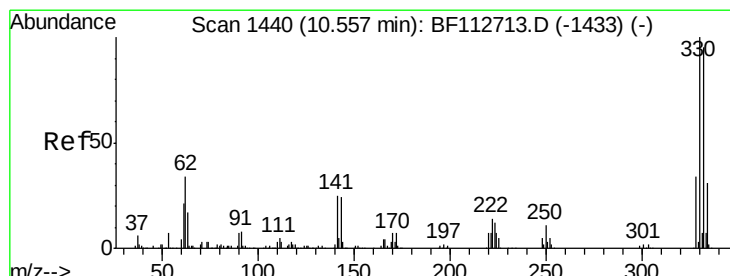
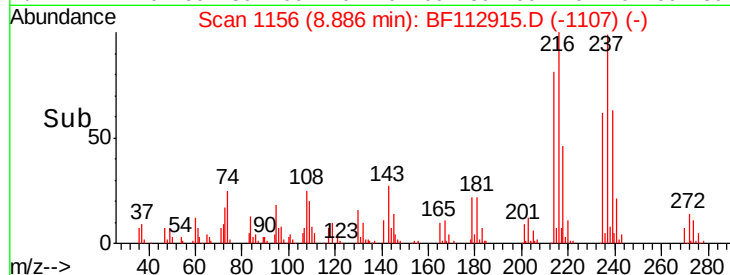
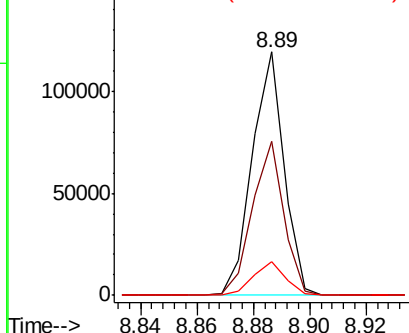
#41  
Hexachlorocyclopentadiene  
Concen: 19.203 ng  
RT: 8.89 min Scan# 1156  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 237 Resp: 93404  
Ion Ratio Lower Upper  
237 100  
235 63.2 42.2 82.2  
272 14.0 0.0 34.0

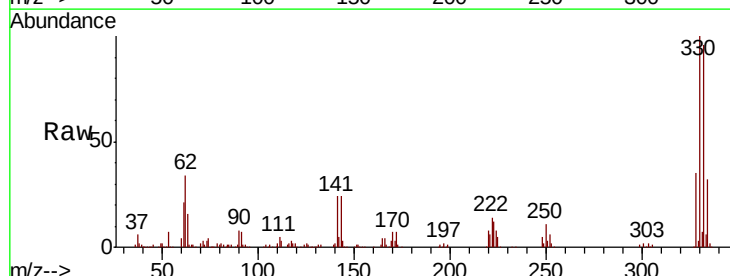


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

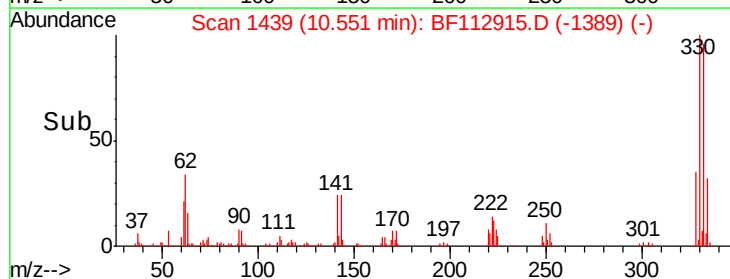
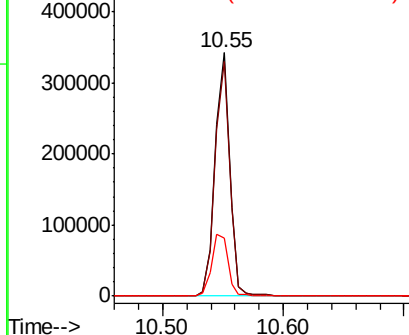


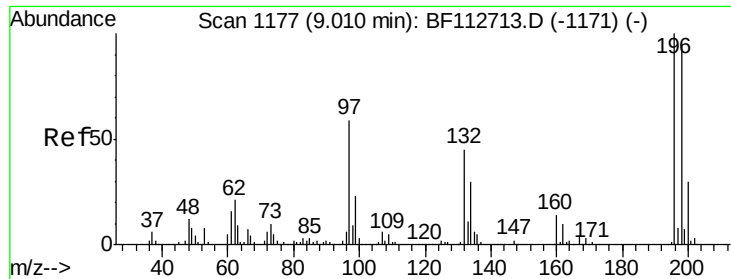
#42  
2,4,6-Tribromophenol  
Concen: 89.152 ng  
RT: 10.55 min Scan# 1439  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Tgt Ion: 330 Resp: 288292  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.2 114.4  
141 28.2 27.0 40.6



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

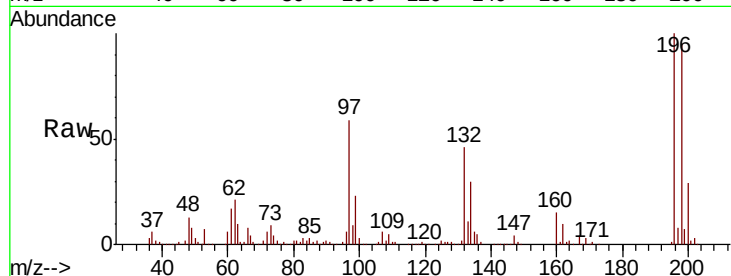




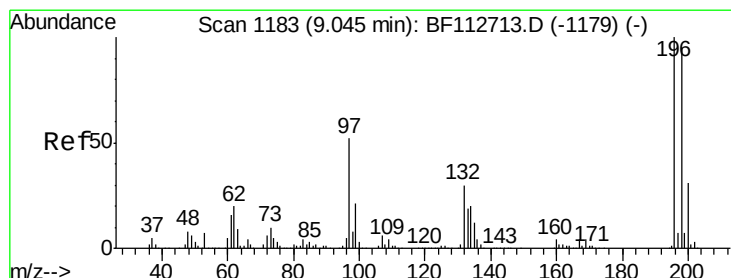
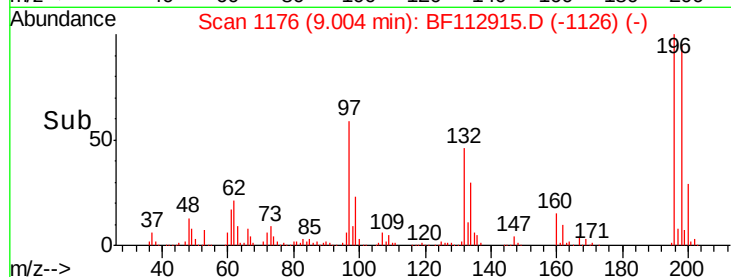
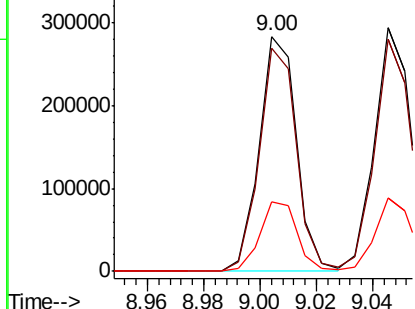
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.535 ng  
 RT: 9.00 min Scan# 1176  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.2  | 75.8  | 113.8 |
| 200     | 29.3  | 24.3  | 36.5  |



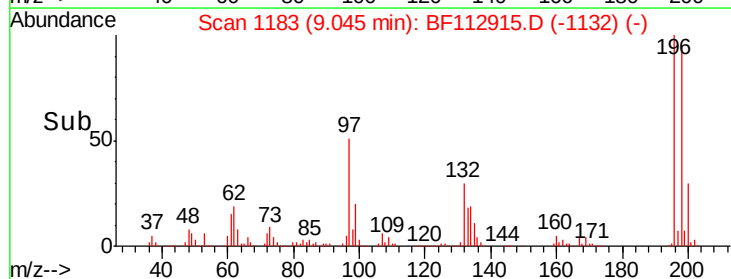
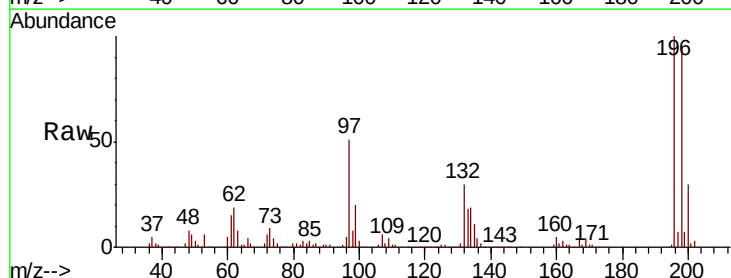
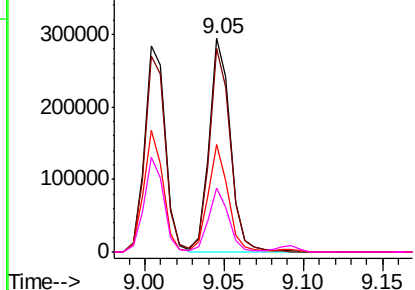
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

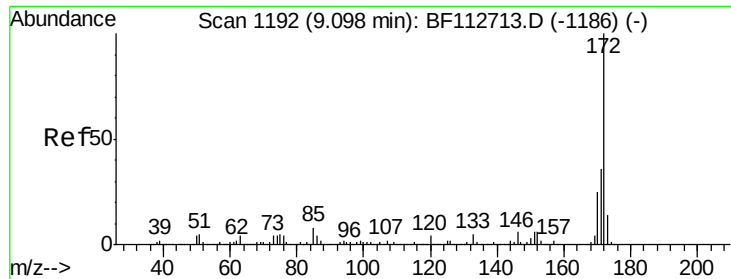


#44  
 2,4,5-Trichlorophenol  
 Concen: 41.817 ng  
 RT: 9.05 min Scan# 1183  
 Delta R.T. 0.00 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.3  | 76.2  | 114.2 |
| 97      | 50.6  | 41.5  | 62.3  |
| 132     | 30.0  | 23.9  | 35.9  |

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

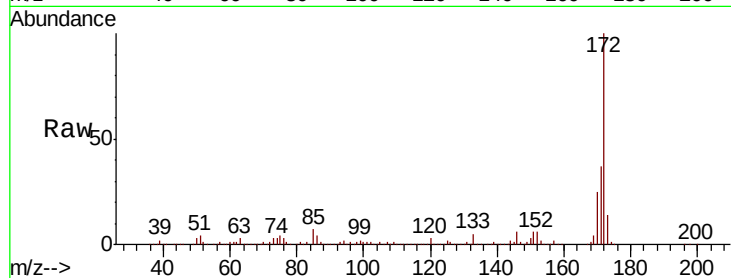




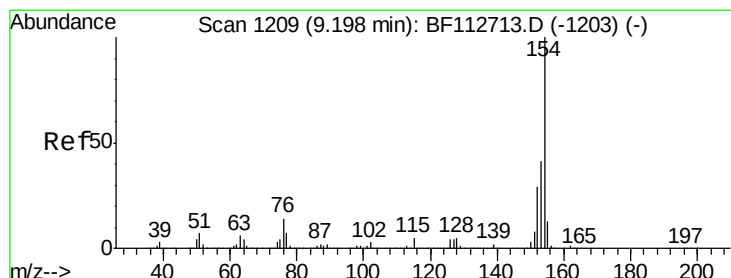
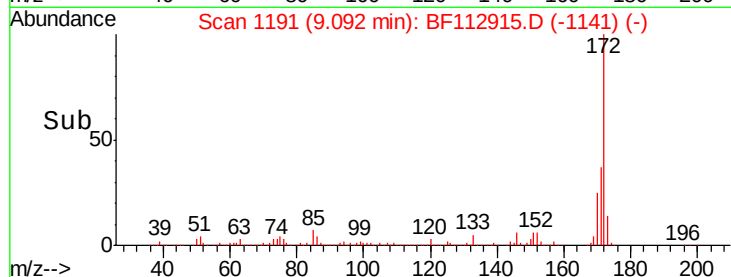
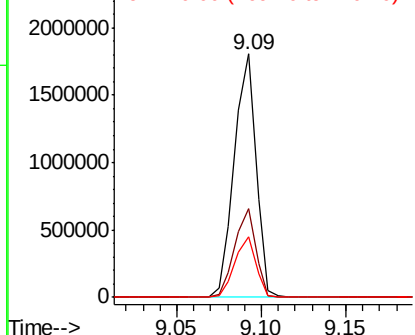
#45  
2-Fluorobiphenyl  
Concen: 89.114 ng  
RT: 9.09 min Scan# 1191  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:172 Resp: 1617349  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.0 43.4  
170 24.6 20.0 30.0

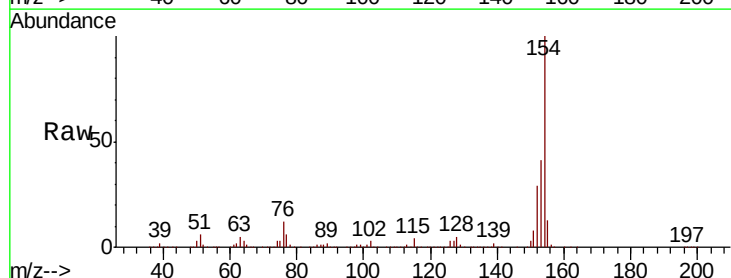


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

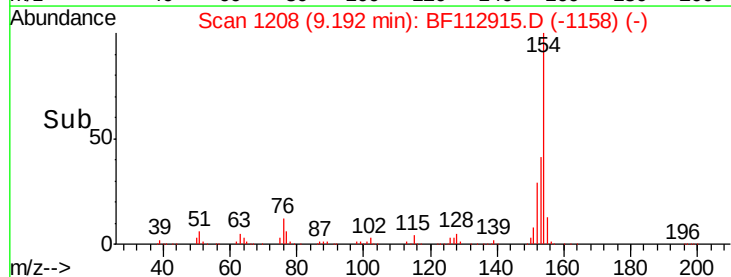
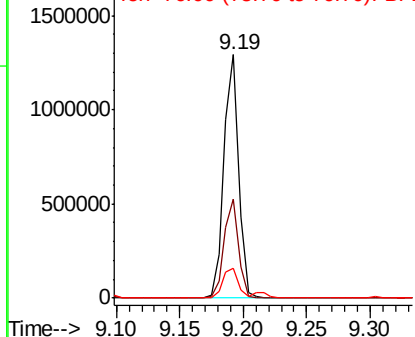


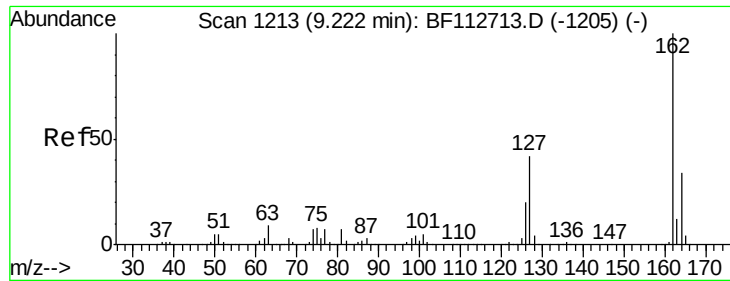
#46  
1,1'-Biphenyl  
Concen: 42.092 ng  
RT: 9.19 min Scan# 1208  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Tgt Ion:154 Resp: 1045769  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.8 60.8  
76 12.4 0.0 33.8



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

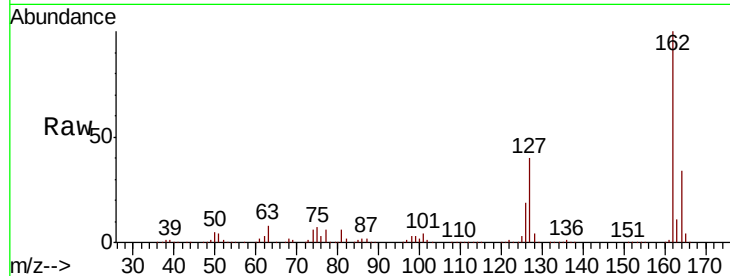




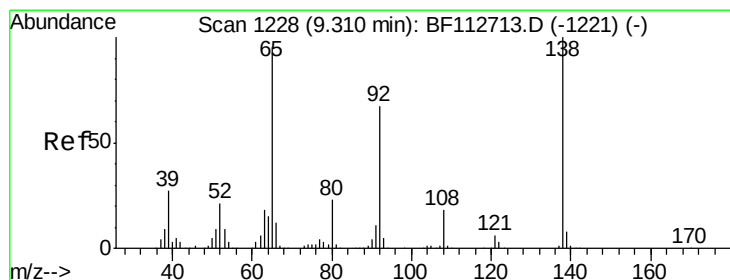
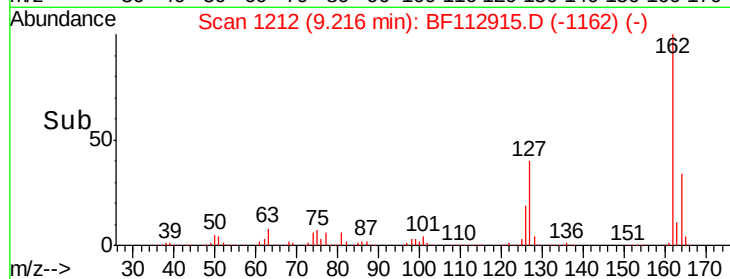
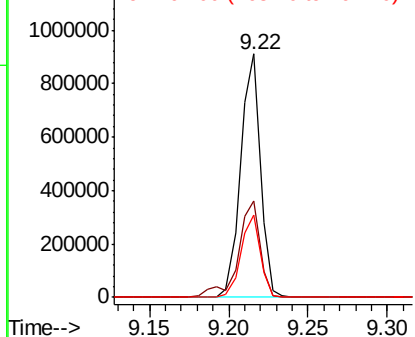
#47  
 2-Chloronaphthalene  
 Concen: 40.550 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion: 162 Resp: 786654  
 Ion Ratio Lower Upper  
 162 100  
 127 39.5 33.4 50.2  
 164 33.8 26.9 40.3

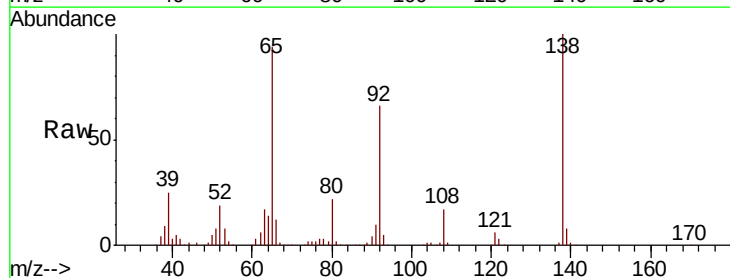


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

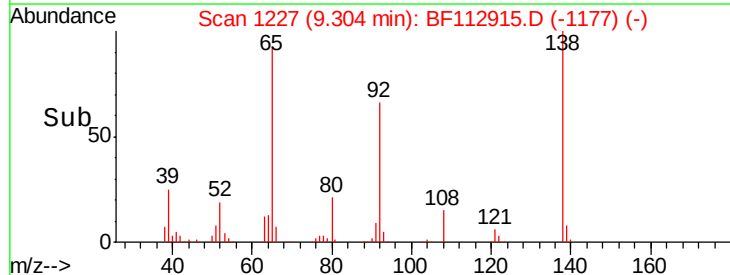
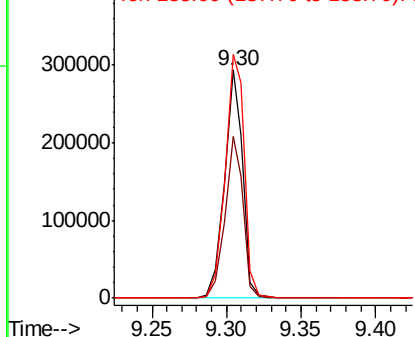


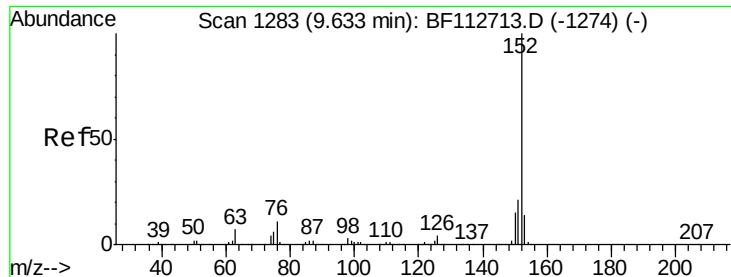
#48  
 2-Nitroaniline  
 Concen: 43.064 ng  
 RT: 9.30 min Scan# 1227  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

Tgt Ion: 65 Resp: 253932  
 Ion Ratio Lower Upper  
 65 100  
 92 70.7 56.4 84.6  
 138 106.8 84.6 126.8



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: 38.526 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

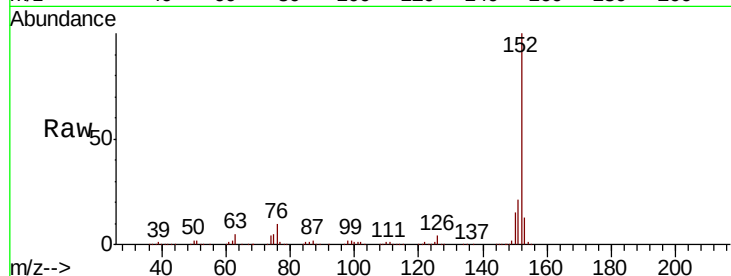
Tgt Ion:152 Resp: 1268818

Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

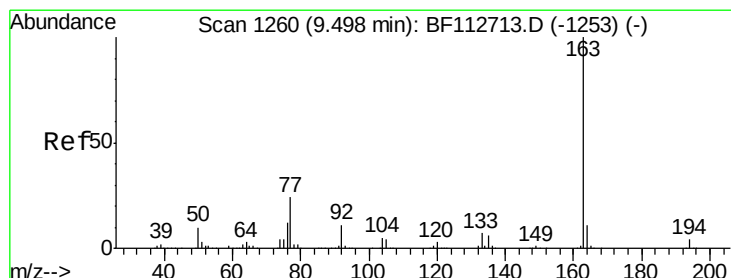
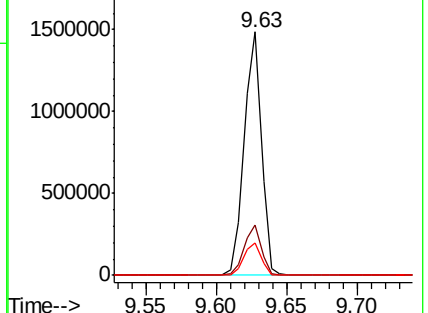
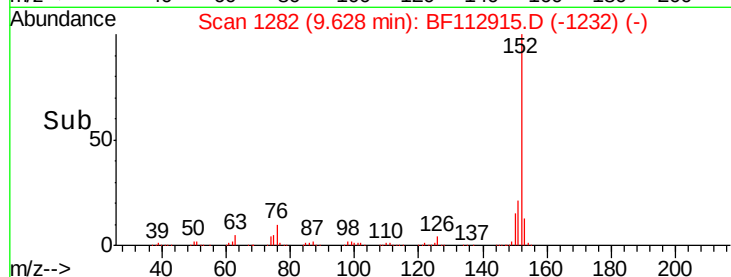
153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.237 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

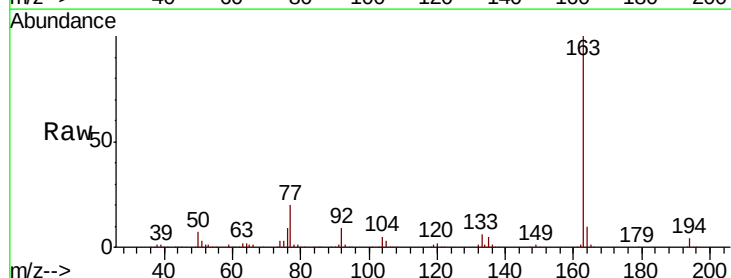
Tgt Ion:163 Resp: 926174

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

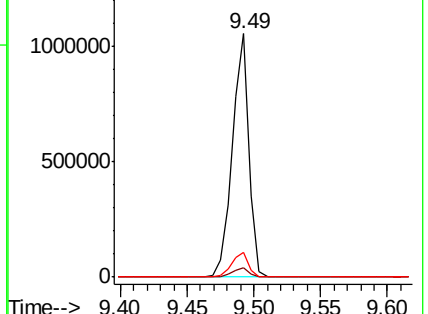
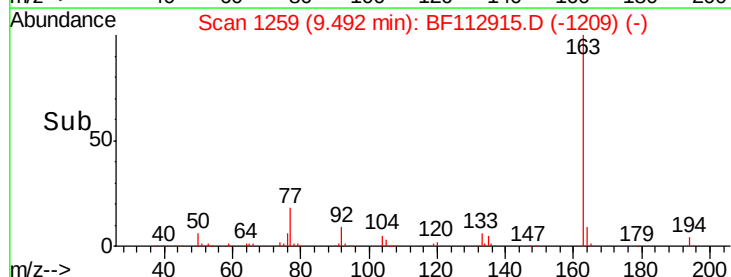
164 10.2 8.4 12.6

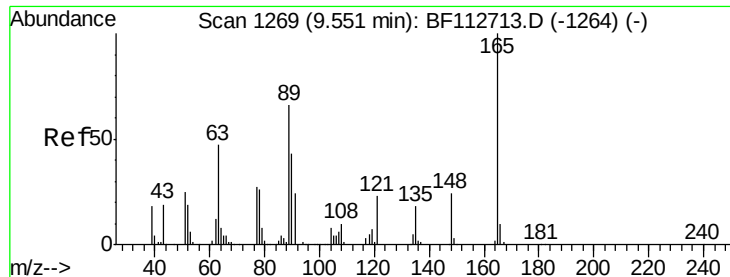


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

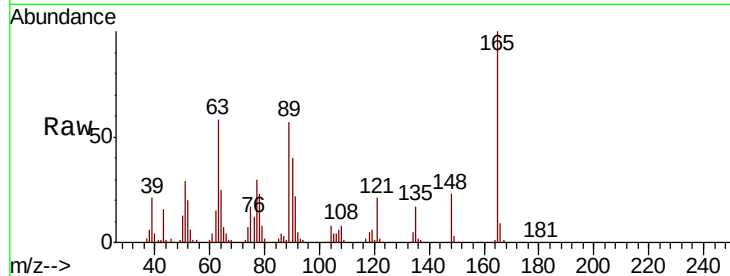




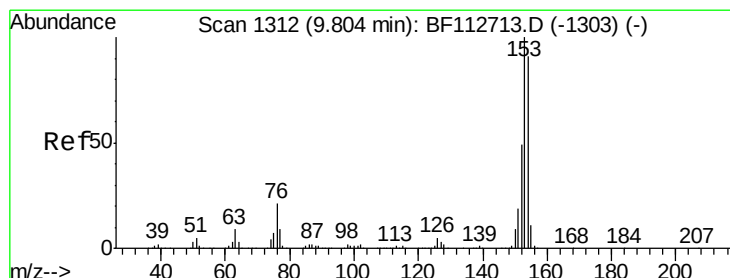
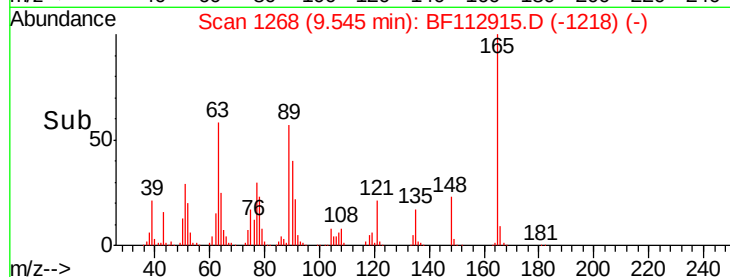
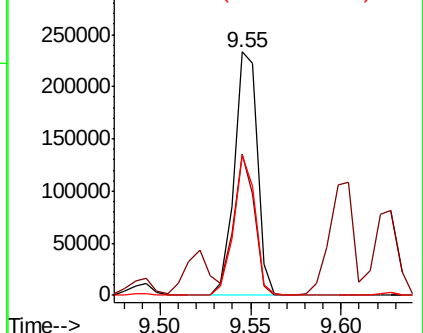
#51  
 2,6-Dinitrotoluene  
 Concen: 44.241 ng  
 RT: 9.55 min Scan# 1268  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:165 Resp: 206917  
 Ion Ratio Lower Upper  
 165 100  
 63 57.8 54.1 81.1  
 89 57.3 52.8 79.2

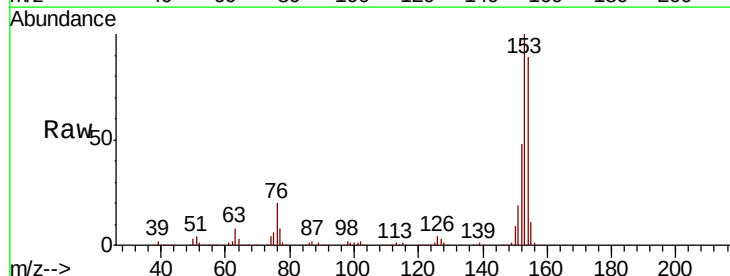


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

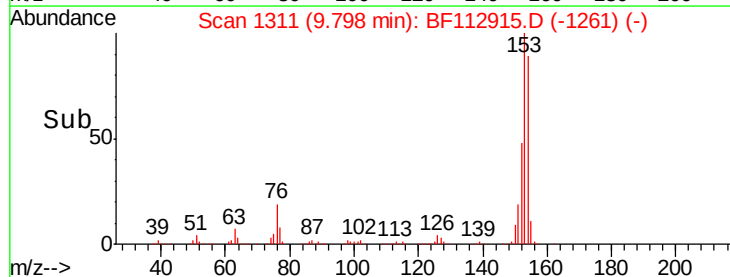
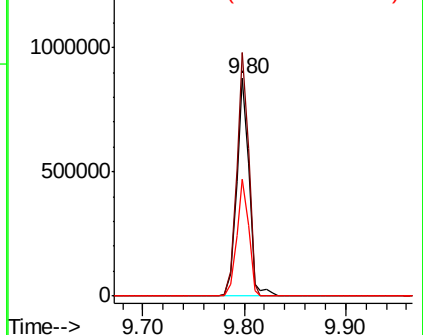


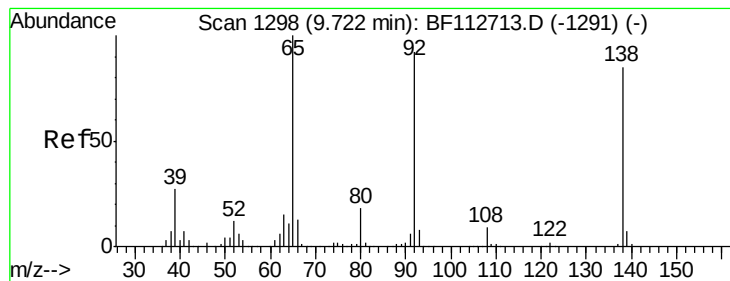
#52  
 Acenaphthene  
 Concen: 38.279 ng  
 RT: 9.80 min Scan# 1311  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

Tgt Ion:154 Resp: 737232  
 Ion Ratio Lower Upper  
 154 100  
 153 111.8 87.8 131.8  
 152 53.7 43.0 64.6



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





#53

3-Nitroaniline

Concen: 42.540 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

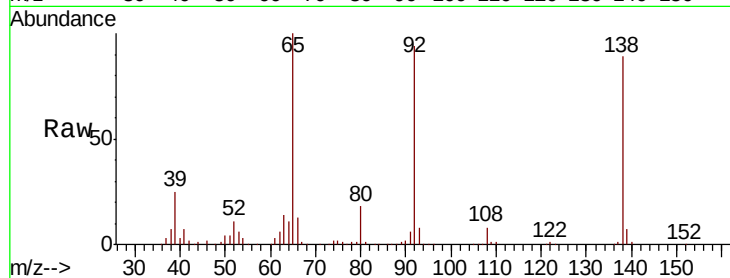
Tgt Ion:138 Resp: 242436

Ion Ratio Lower Upper

138 100

108 9.1 8.6 13.0

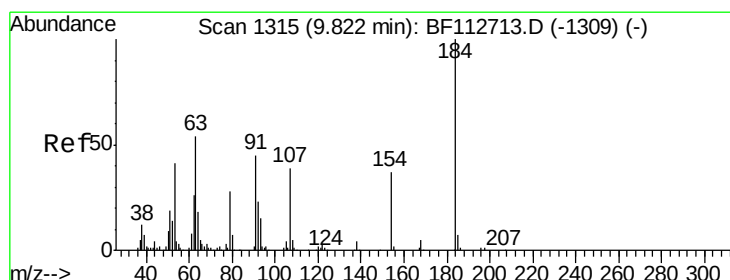
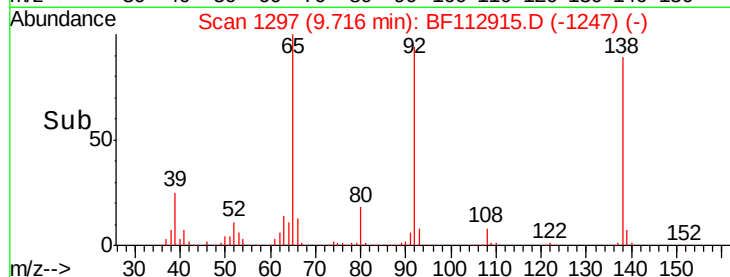
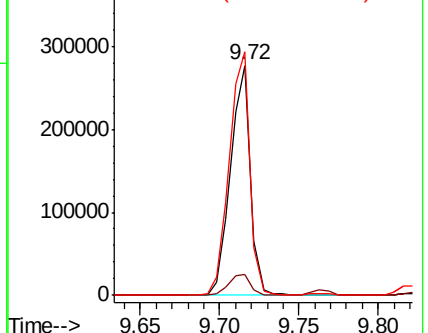
92 106.0 86.6 129.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 28.360 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

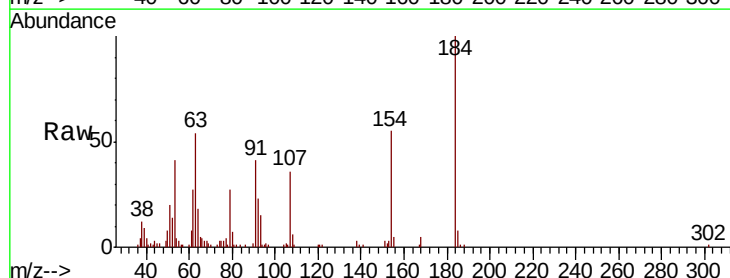
Tgt Ion:184 Resp: 45588

Ion Ratio Lower Upper

184 100

63 54.0 45.3 67.9

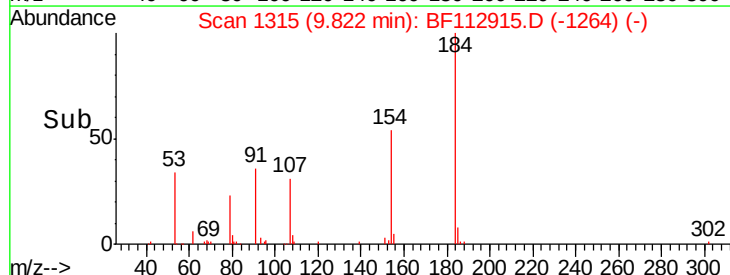
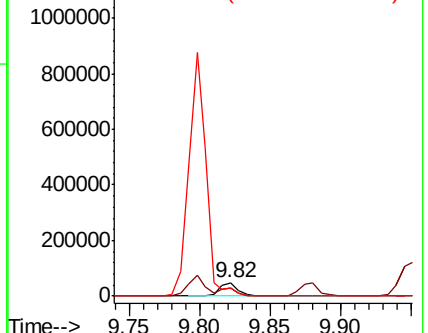
154 55.1 46.0 69.0

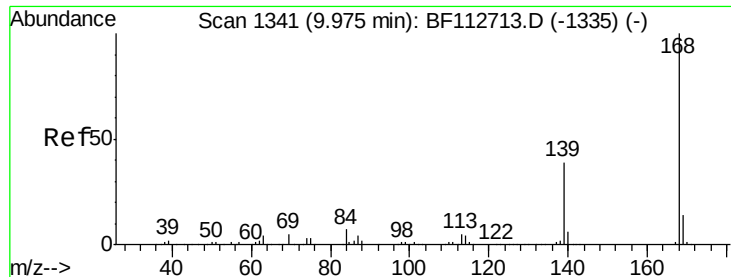


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

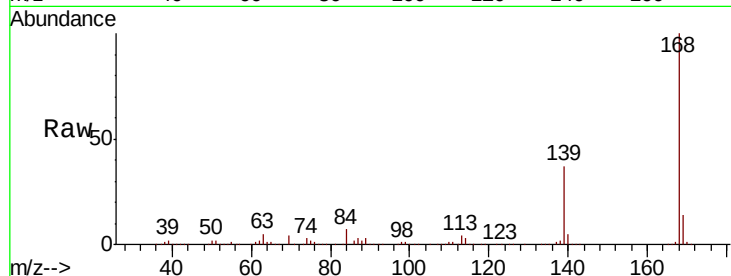




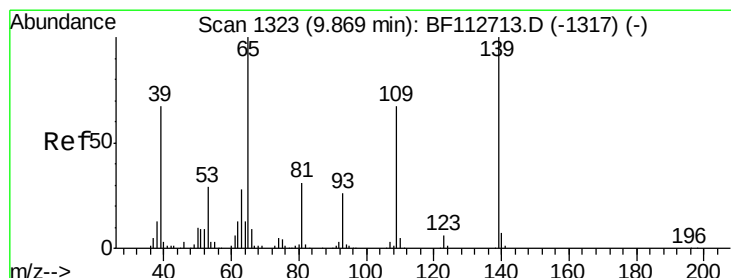
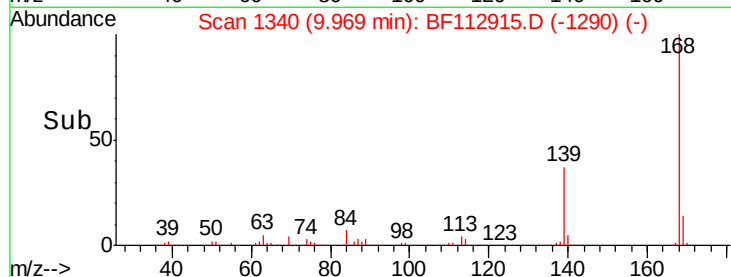
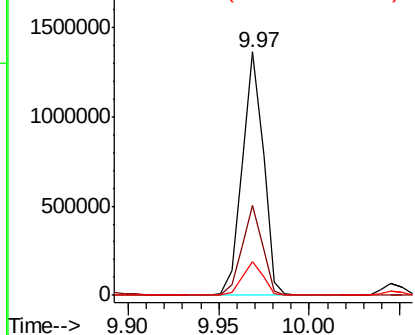
#55  
Dibenzofuran  
Concen: 39.210 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:168 Resp: 1097551  
Ion Ratio Lower Upper  
168 100  
139 37.2 31.3 46.9  
169 13.6 11.3 16.9

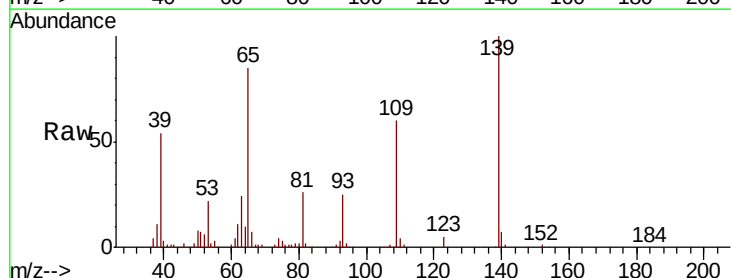


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

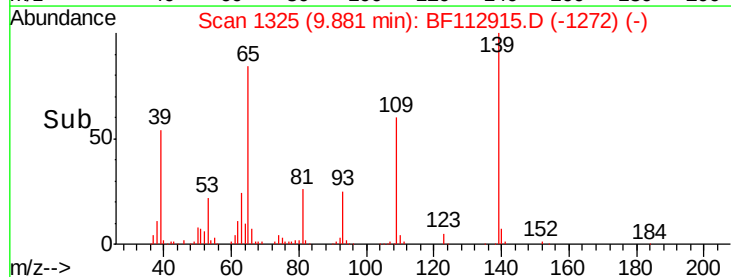
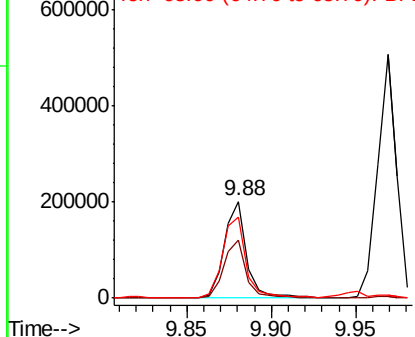


#56  
4-Nitrophenol  
Concen: 39.905 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. 0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

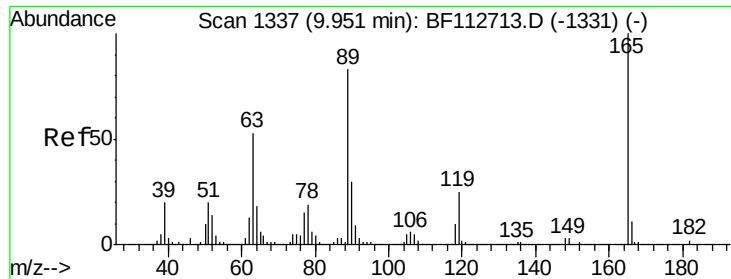
Tgt Ion:139 Resp: 184828  
Ion Ratio Lower Upper  
139 100  
109 59.9 46.8 86.8  
65 84.5 80.7 120.7



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



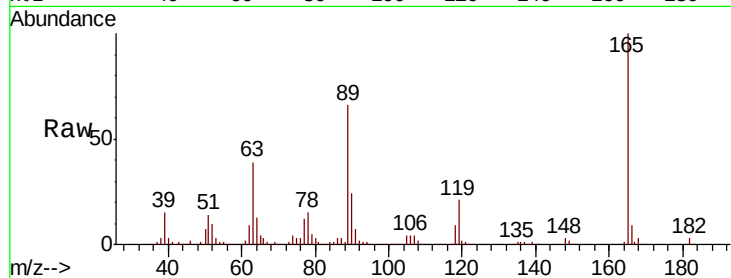




#57  
 2,4-Dinitrotoluene  
 Concen: 44.258 ng  
 RT: 9.95 min Scan# 1337  
 Delta R.T. 0.00 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 38.9  | 42.2  | 63.2# |
| 89      | 66.4  | 66.2  | 99.4  |
| 182     | 2.6   | 1.8   | 2.6   |



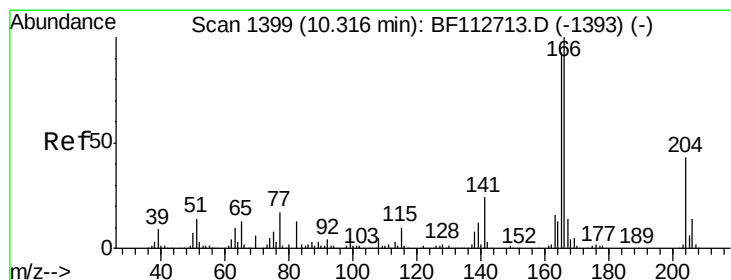
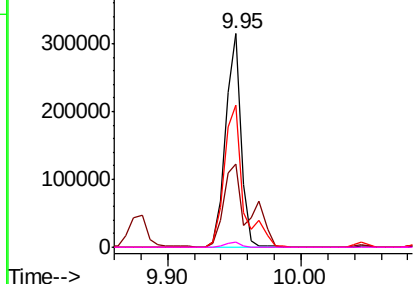
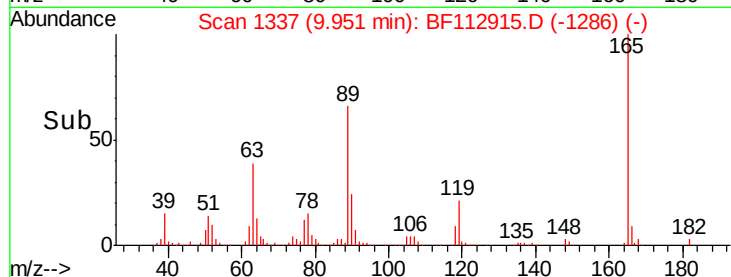
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

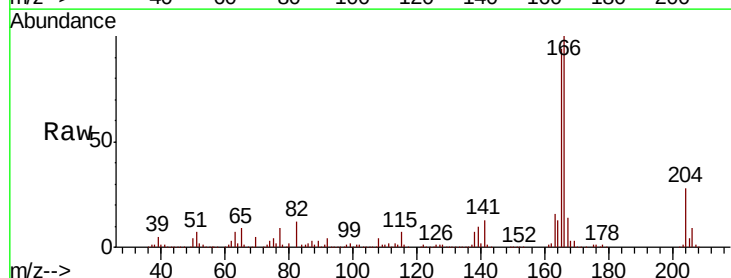
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
 Fluorene  
 Concen: 40.182 ng  
 RT: 10.31 min Scan# 1398  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 93.6  | 74.7  | 112.1 |
| 167     | 13.6  | 11.0  | 16.6  |

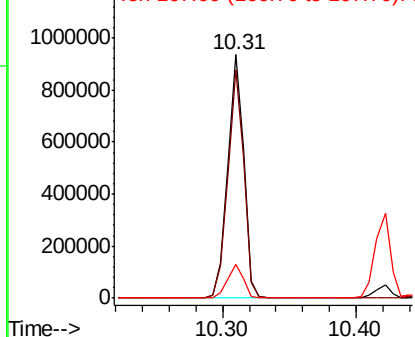
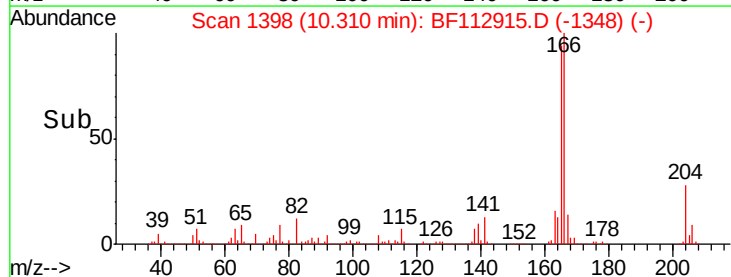


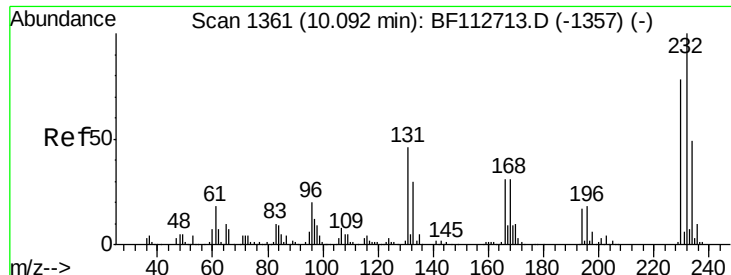
Abundance

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

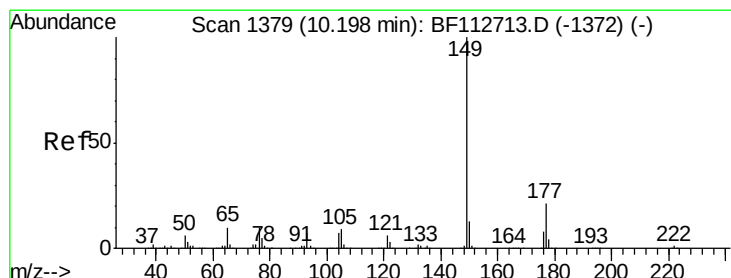
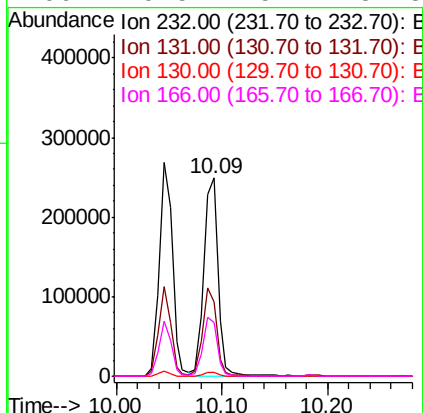
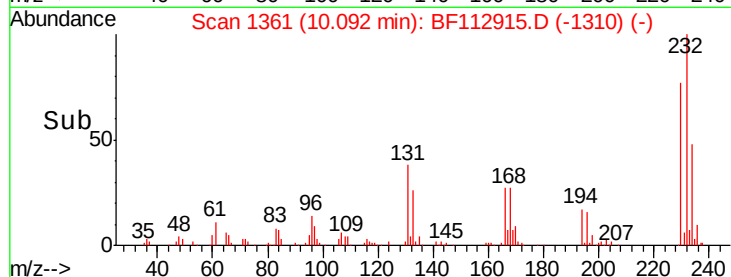
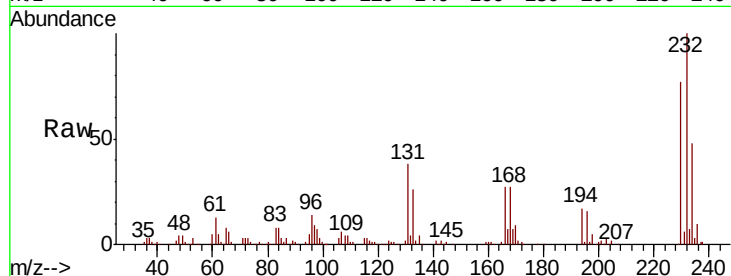




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.783 ng  
 RT: 10.09 min Scan# 1361  
 Delta R.T. 0.00 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

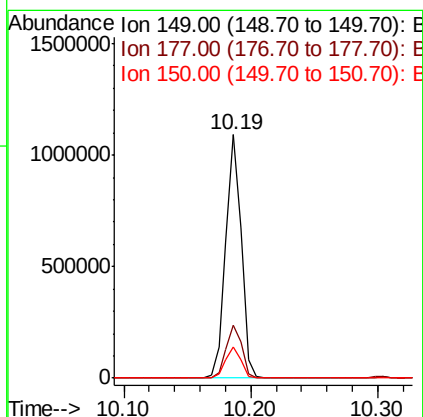
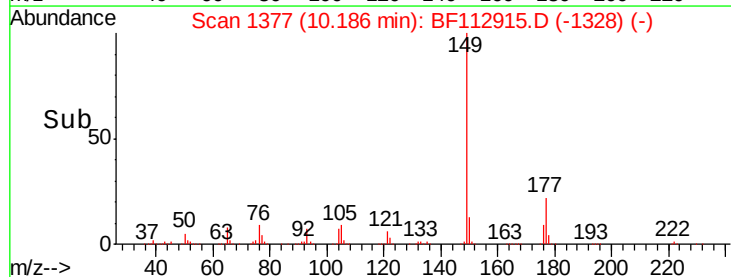
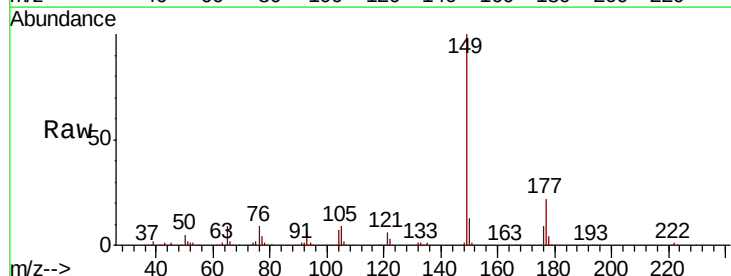
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

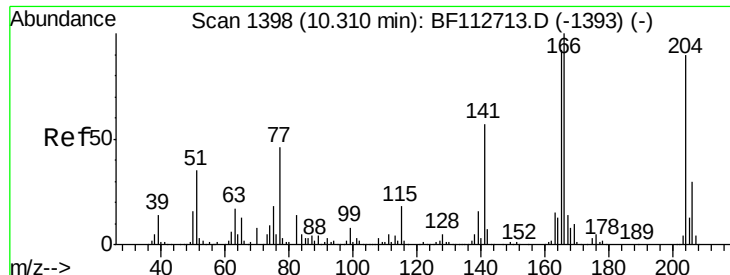
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 42.3  | 38.7  | 58.1  |
| 130     | 1.9   | 1.9   | 2.9   |
| 166     | 29.5  | 25.2  | 37.8  |



#60  
 Diethylphthalate  
 Concen: 39.269 ng  
 RT: 10.19 min Scan# 1377  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.8  | 17.0  | 25.6  |
| 150     | 12.7  | 10.0  | 15.0  |

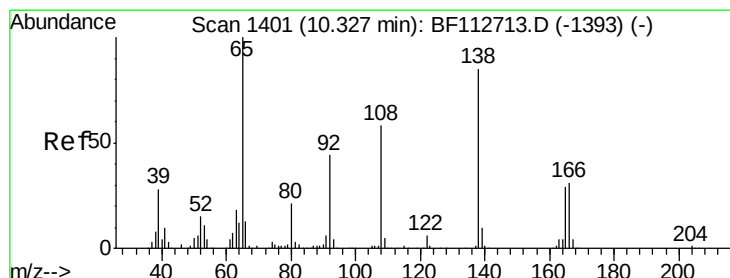
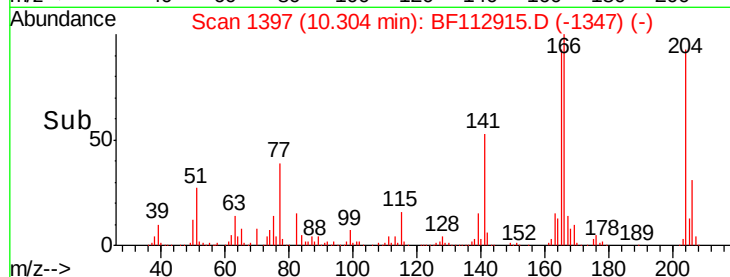
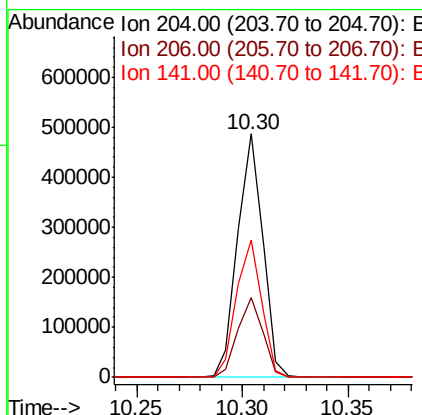
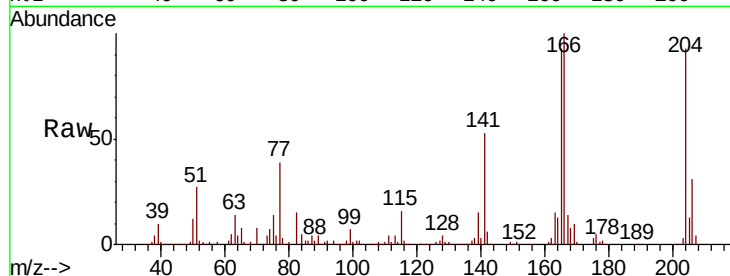




#61  
 4-Chlorophenyl-phenylether  
 Concen: 43.397 ng  
 RT: 10.30 min Scan# 1397  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

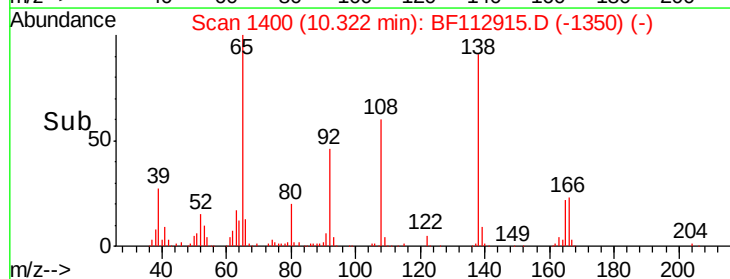
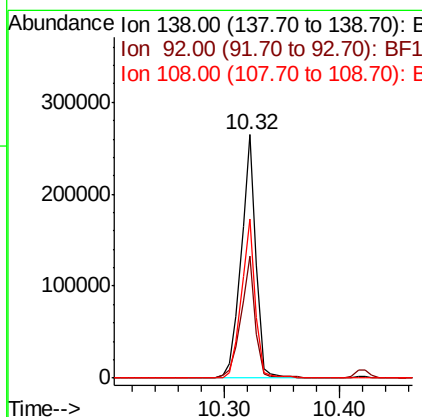
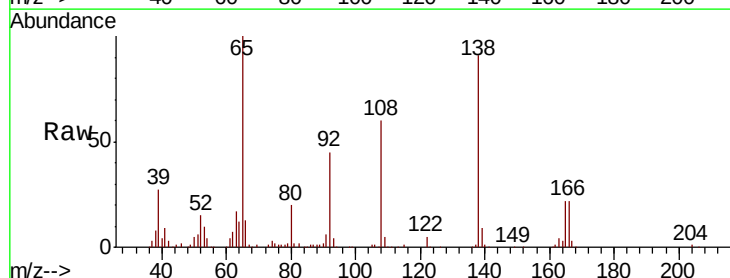
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

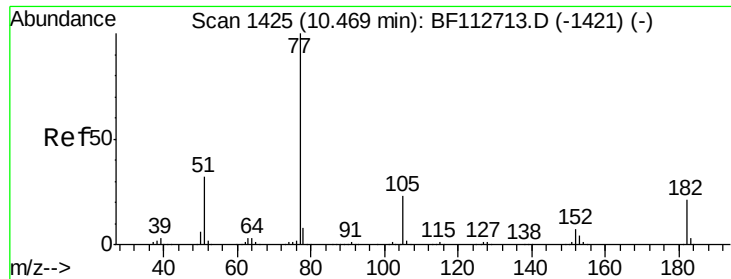
Tgt Ion: 204 Resp: 401147  
 Ion Ratio Lower Upper  
 204 100  
 206 33.0 26.6 40.0  
 141 56.4 50.8 76.2



#62  
 4-Nitroaniline  
 Concen: 44.611 ng  
 RT: 10.32 min Scan# 1400  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

Tgt Ion: 138 Resp: 234928  
 Ion Ratio Lower Upper  
 138 100  
 92 50.0 31.3 71.3  
 108 65.5 48.1 88.1





#63

Azobenzene

Concen: 34.498 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 838181

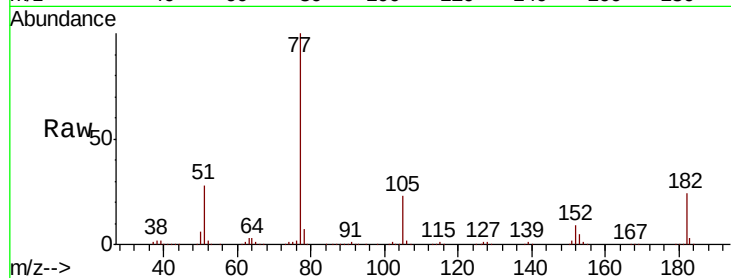
Ion Ratio Lower Upper

77 100

182 24.3 1.4 41.4

105 22.7 2.6 42.6

51 28.4 12.0 52.0

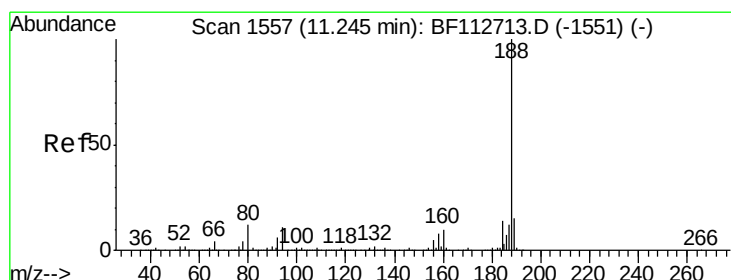
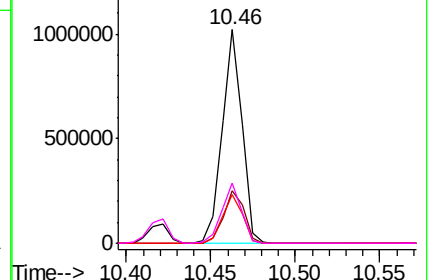
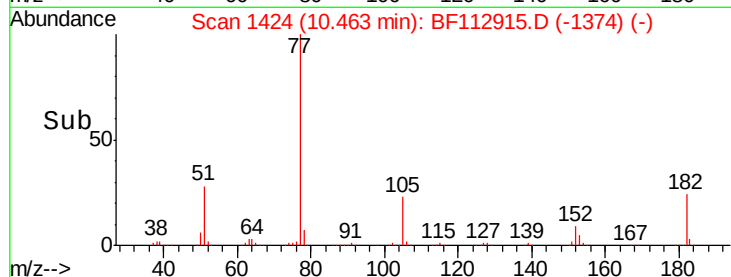


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

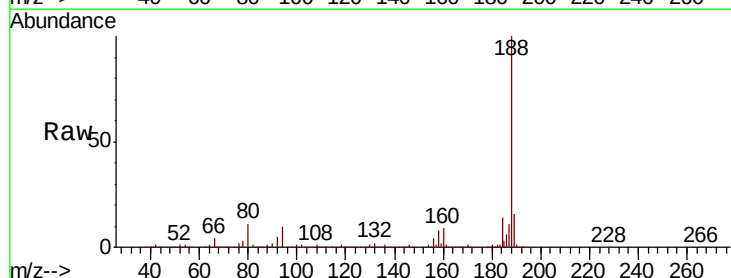
Tgt Ion: 188 Resp: 577182

Ion Ratio Lower Upper

188 100

94 10.1 9.0 13.4

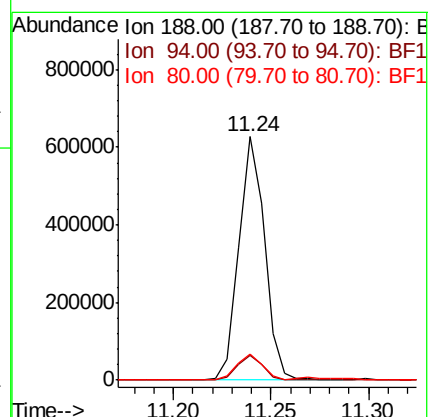
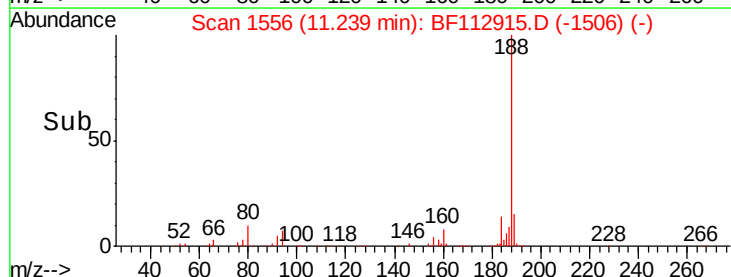
80 10.7 9.2 13.8

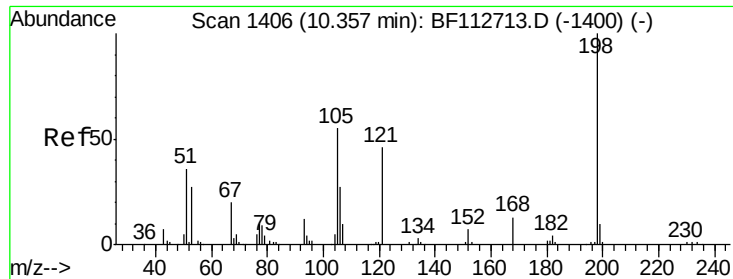


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

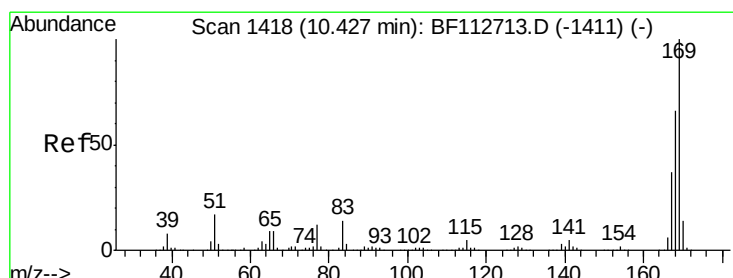
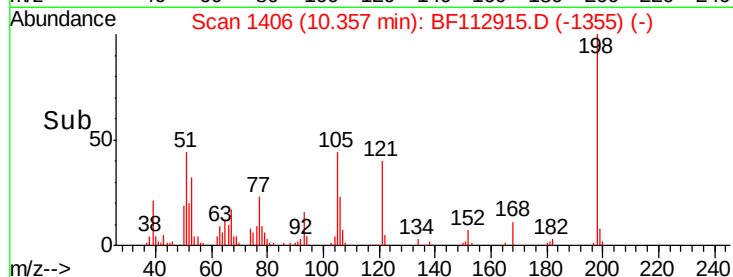
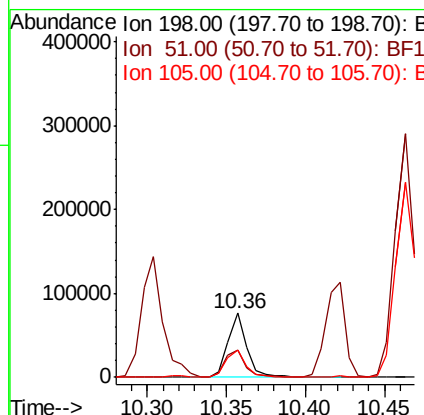
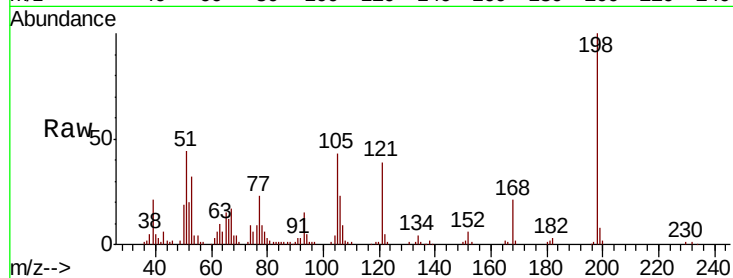




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 28.632 ng  
 RT: 10.36 min Scan# 1406  
 Delta R.T. 0.00 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

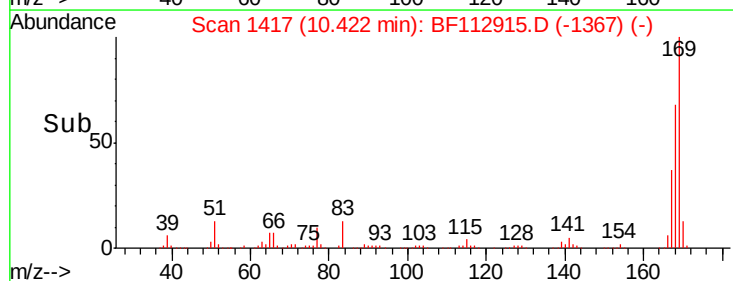
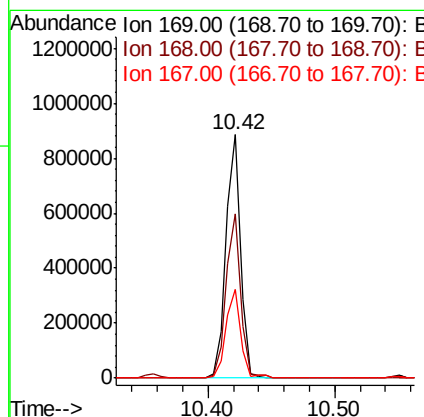
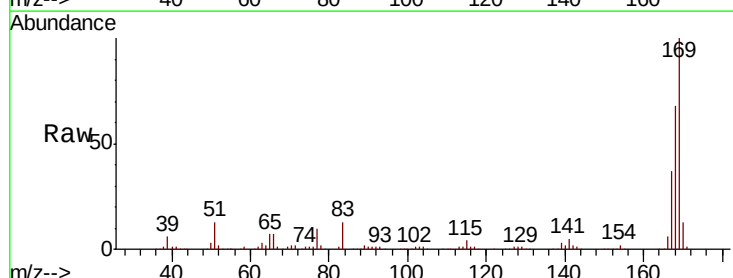
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

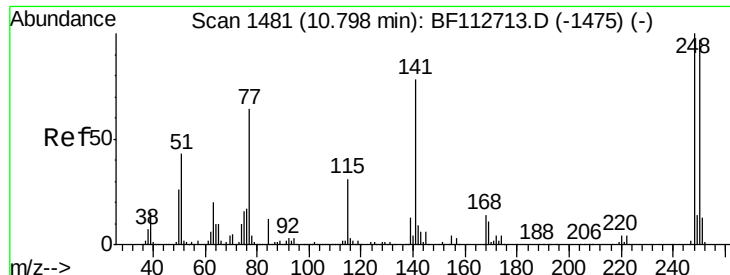
Tgt Ion:198 Resp: 63020  
 Ion Ratio Lower Upper  
 198 100  
 51 43.6 43.8 83.8#  
 105 43.1 36.5 76.5



#66  
 n-Nitrosodiphenylamine  
 Concen: 38.382 ng  
 RT: 10.42 min Scan# 1417  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

Tgt Ion:169 Resp: 710489  
 Ion Ratio Lower Upper  
 169 100  
 168 67.6 53.0 79.6  
 167 36.7 29.3 43.9

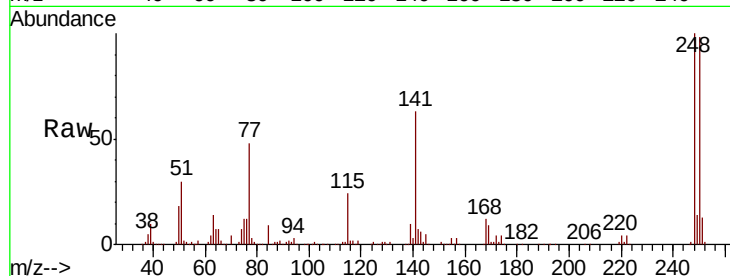




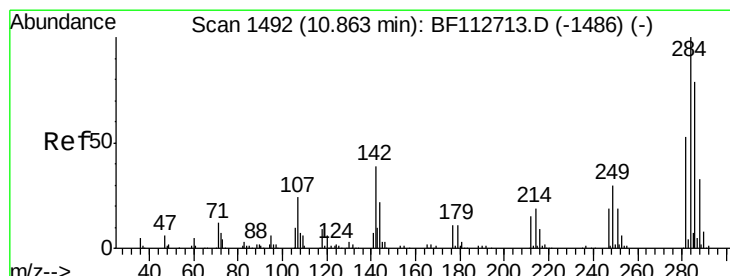
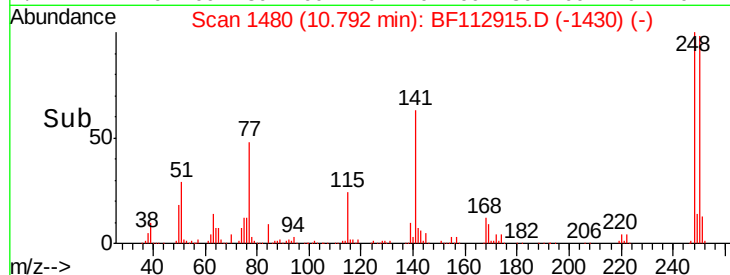
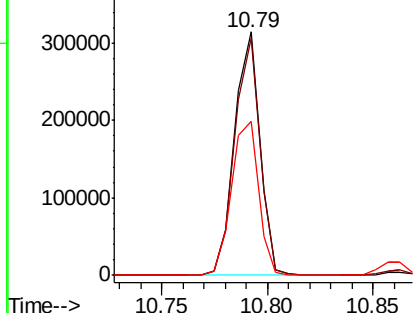
#67  
 4-Bromophenyl-phenylether  
 Concen: 42.766 ng  
 RT: 10.79 min Scan# 1480  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 248   | Resp: | 259996 |
| Ion      | Ratio | Lower | Upper  |
| 248      | 100   |       |        |
| 250      | 97.7  | 77.5  | 116.3  |
| 141      | 63.3  | 62.4  | 93.6   |

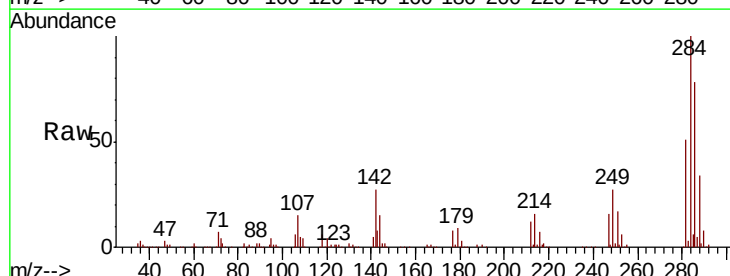


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

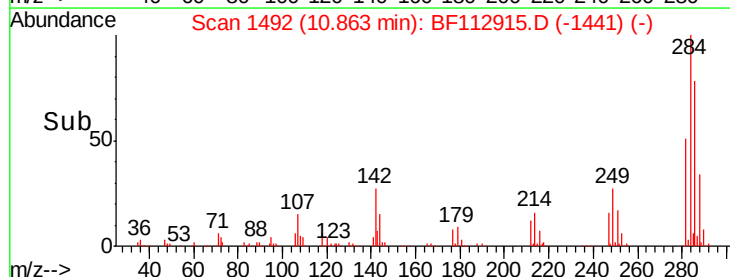
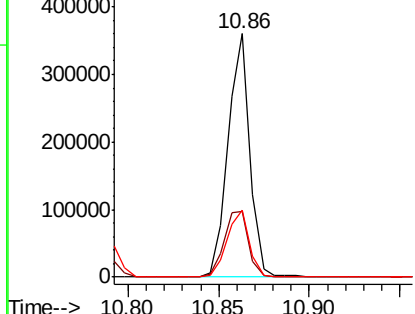


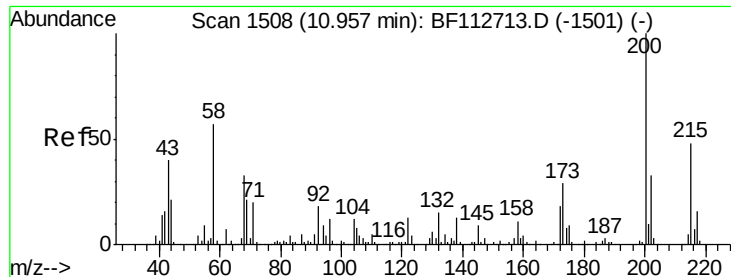
#68  
 Hexachlorobenzene  
 Concen: 44.040 ng  
 RT: 10.86 min Scan# 1492  
 Delta R.T. 0.00 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 284   | Resp: | 301809 |
| Ion      | Ratio | Lower | Upper  |
| 284      | 100   |       |        |
| 142      | 26.9  | 31.0  | 46.6#  |
| 249      | 27.5  | 23.6  | 35.4   |



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

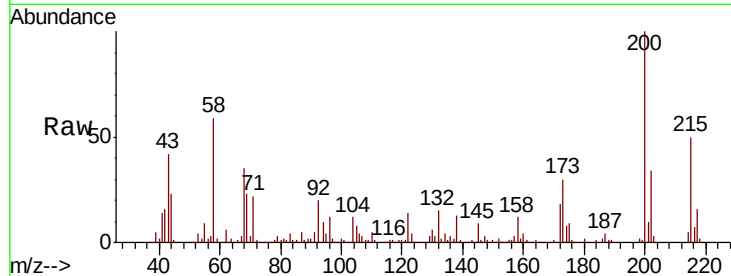




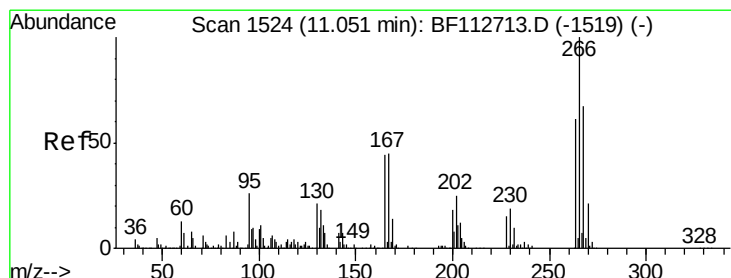
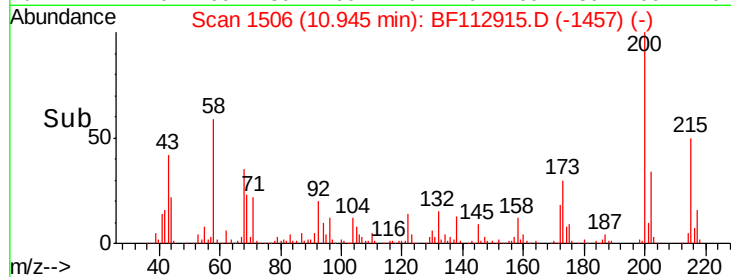
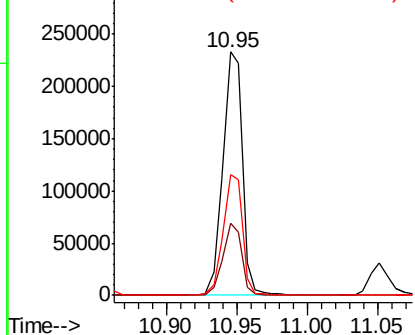
#69  
 Atrazine  
 Concen: 39.516 ng  
 RT: 10.95 min Scan# 1506  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion: 200 Resp: 224027  
 Ion Ratio Lower Upper  
 200 100  
 173 29.5 9.1 49.1  
 215 49.6 28.2 68.2

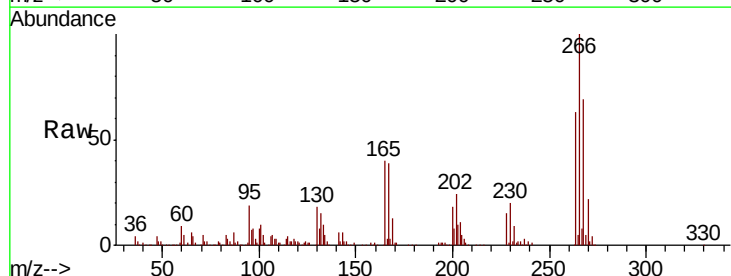


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

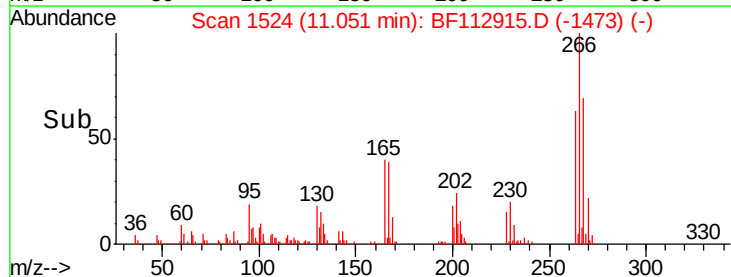
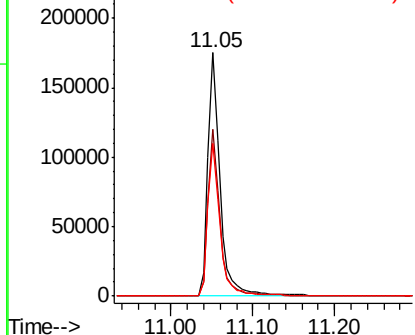


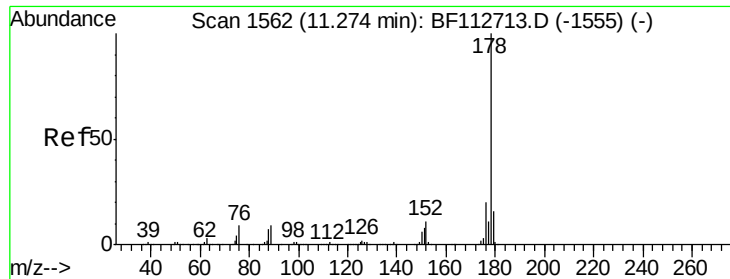
#70  
 Pentachlorophenol  
 Concen: 45.162 ng  
 RT: 11.05 min Scan# 1524  
 Delta R.T. 0.00 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

Tgt Ion: 266 Resp: 182163  
 Ion Ratio Lower Upper  
 266 100  
 268 68.6 53.3 79.9  
 264 62.6 48.9 73.3



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: 43.076 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

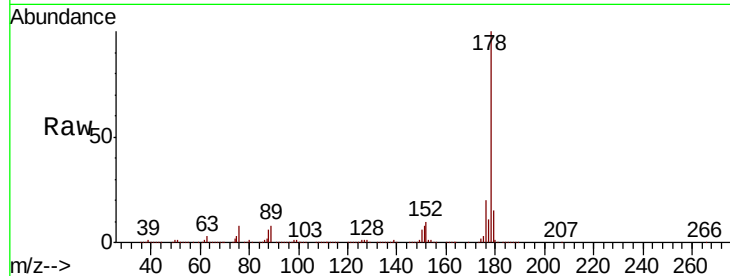
Tgt Ion:178 Resp: 1237006

Ion Ratio Lower Upper

178 100

176 19.5 16.3 24.5

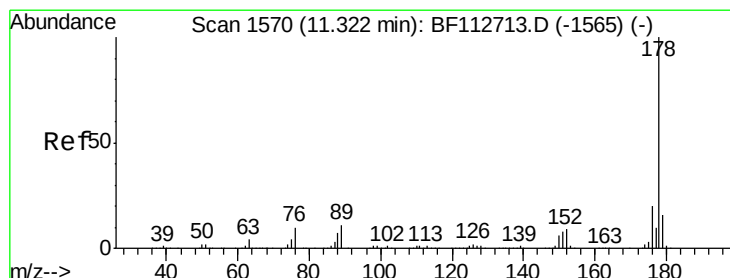
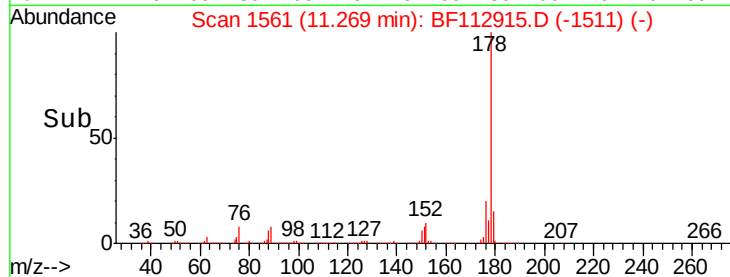
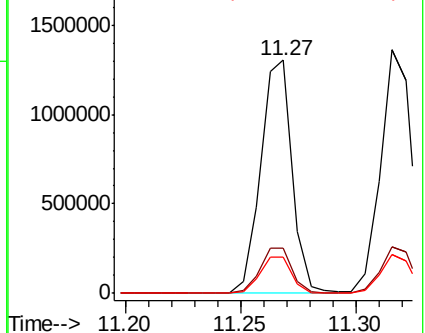
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.394 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

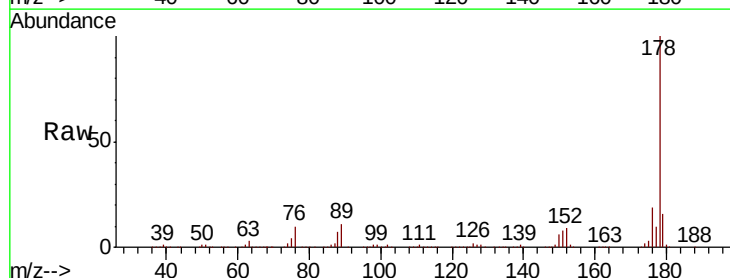
Tgt Ion:178 Resp: 1274391

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

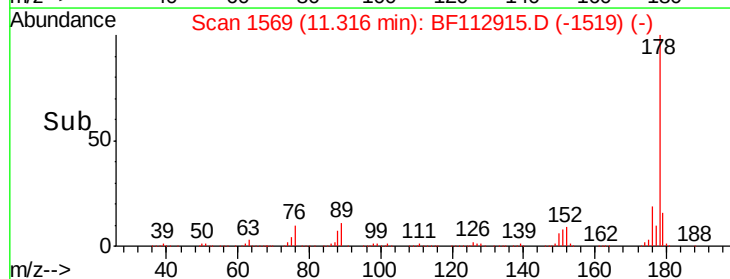
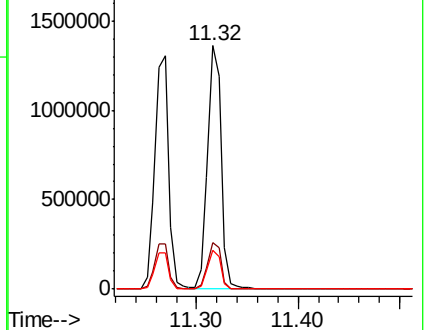
179 15.8 13.0 19.6



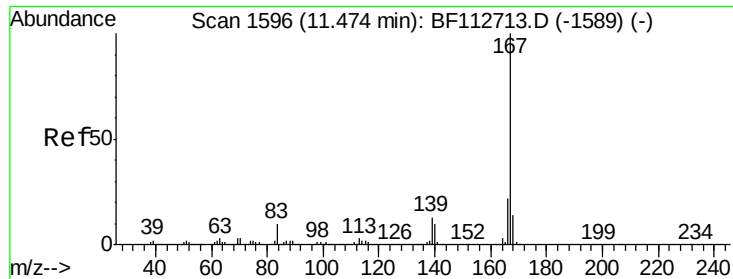
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



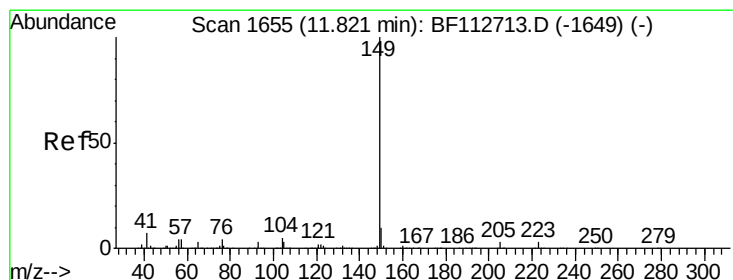
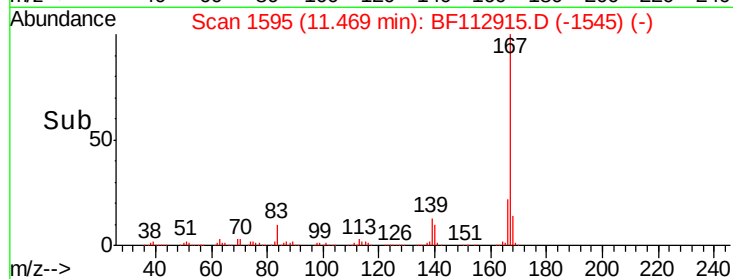
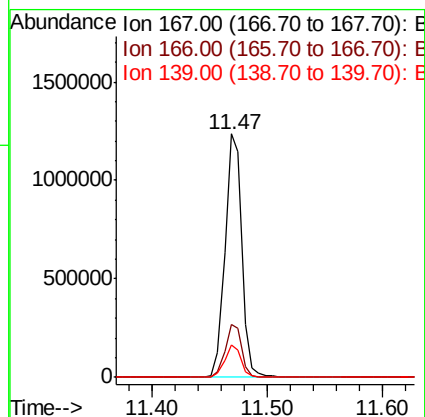
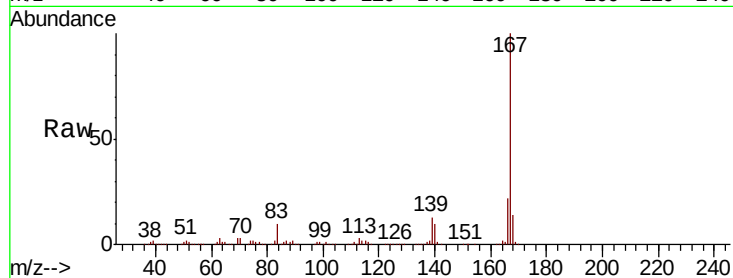




#73  
 Carbazole  
 Concen: 42.384 ng  
 RT: 11.47 min Scan# 1595  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

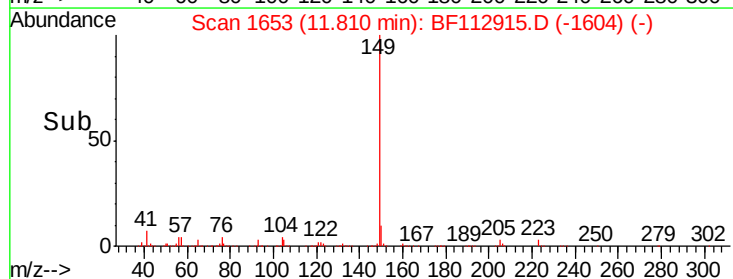
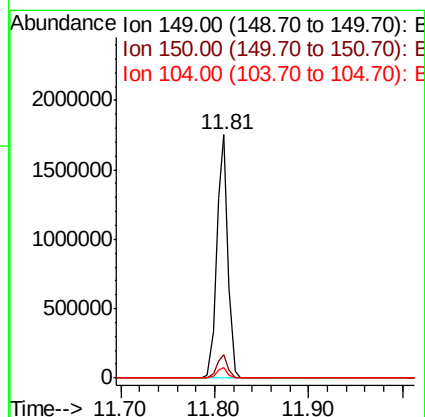
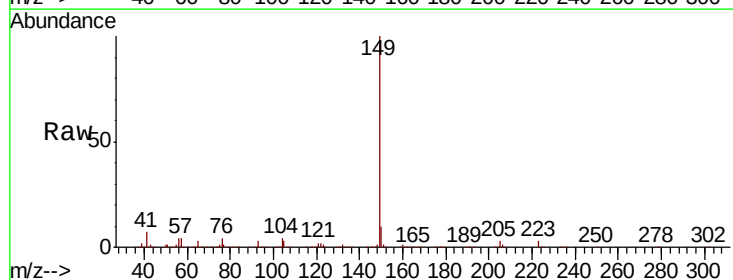
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

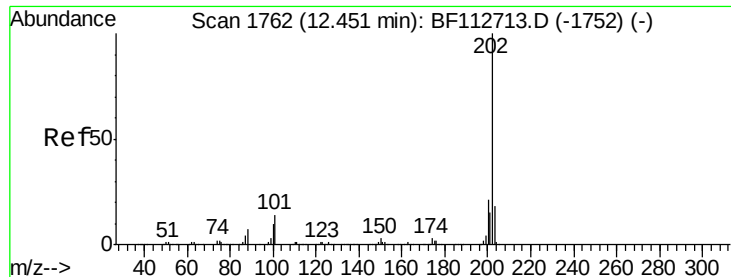
Tgt Ion:167 Resp: 1242887  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.5 26.3  
 139 13.2 10.8 16.2



#74  
 Di-n-butylphthalate  
 Concen: 41.614 ng  
 RT: 11.81 min Scan# 1653  
 Delta R.T. -0.01 min  
 Lab File: BF112915.D  
 Acq: 7 Mar 2019 7:06

Tgt Ion:149 Resp: 1463217  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.6 11.4  
 104 4.5 3.7 5.5





#75

Fluoranthene

Concen: 45.423 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

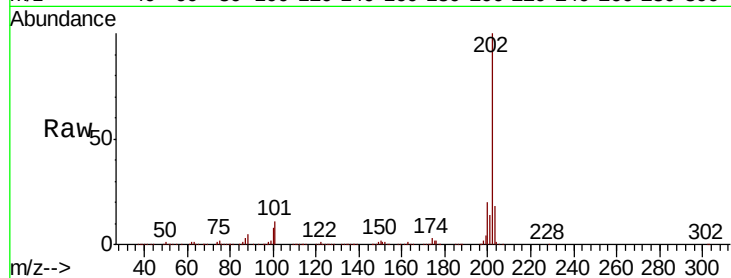
Tgt Ion:202 Resp: 1397519

Ion Ratio Lower Upper

202 100

101 11.0 0.0 33.8

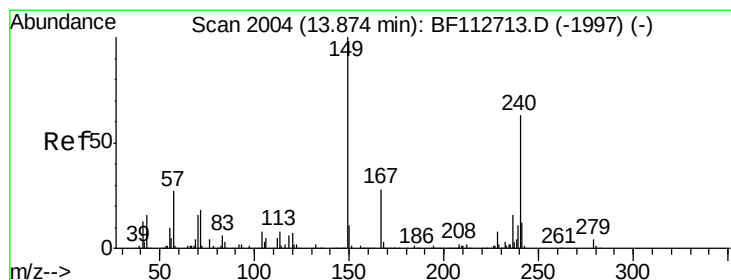
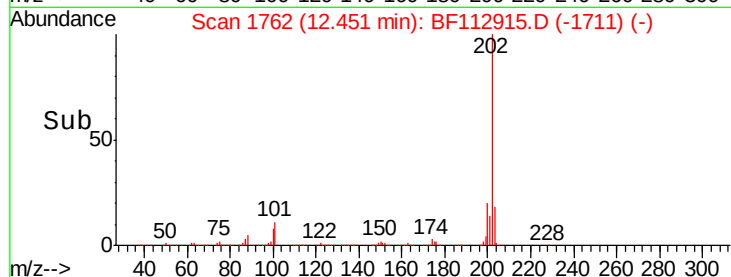
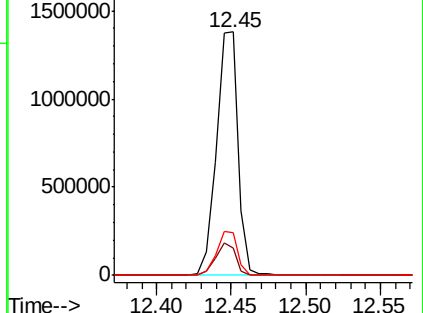
203 17.7 0.0 38.4



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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

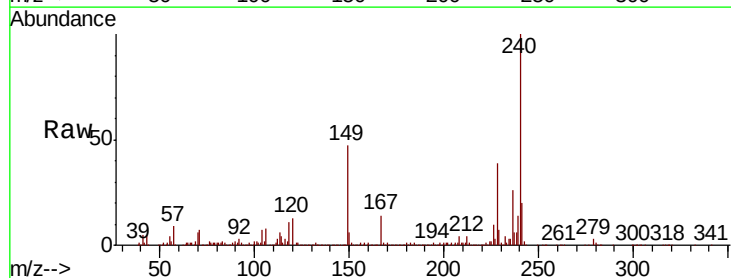
Tgt Ion:240 Resp: 498418

Ion Ratio Lower Upper

240 100

120 12.6 8.9 13.3

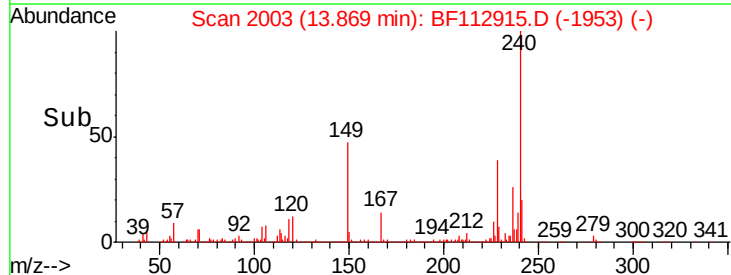
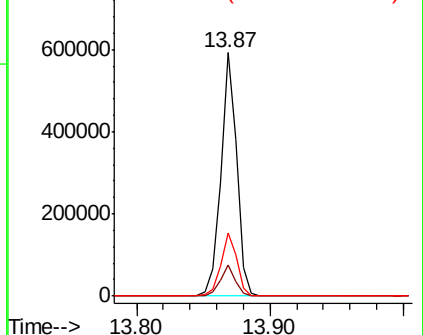
236 26.2 20.7 31.1

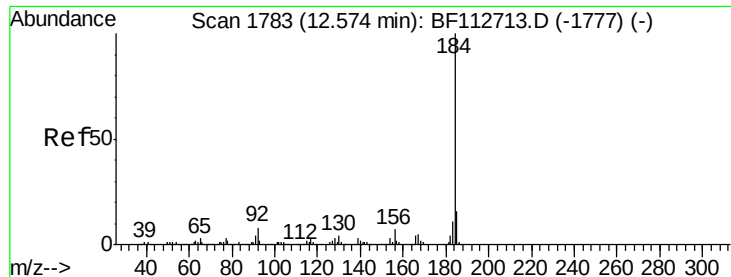


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.125 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

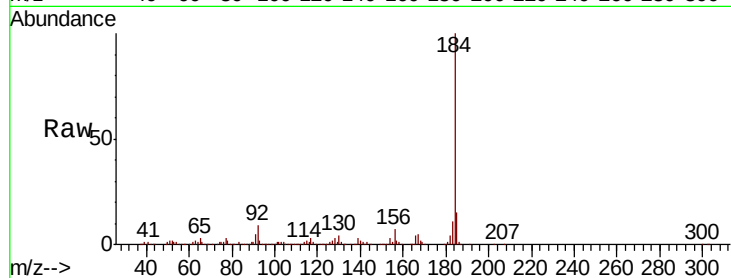
Tgt Ion:184 Resp: 778991

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

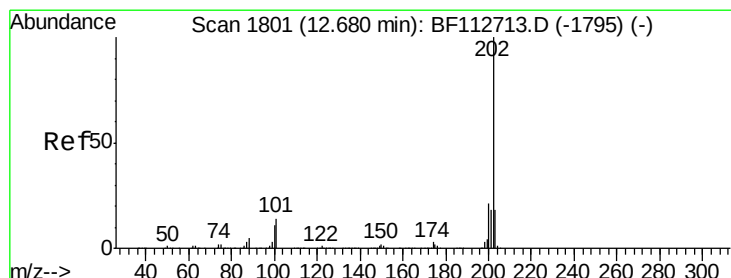
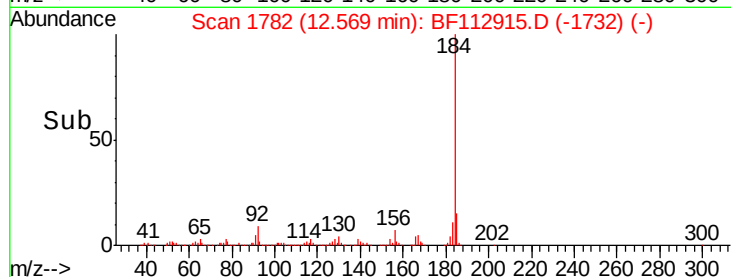
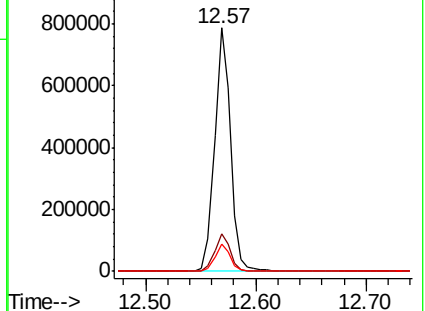
183 11.0 8.6 12.8



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: 34.434 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

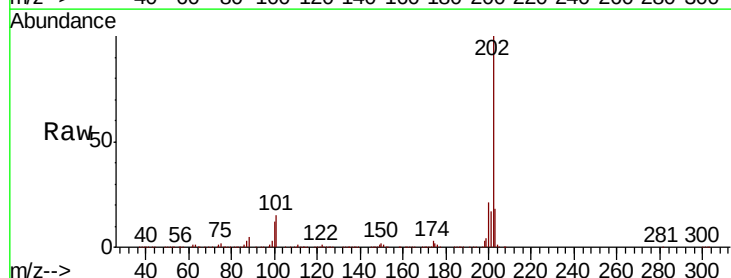
Tgt Ion:202 Resp: 1446852

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

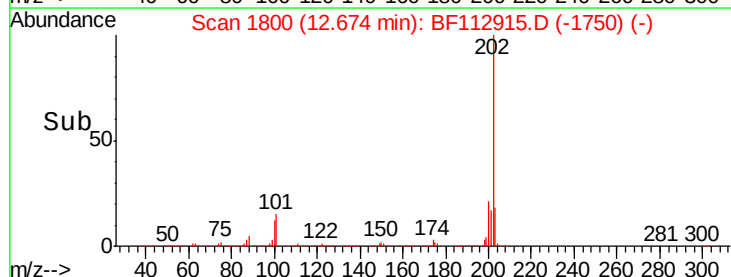
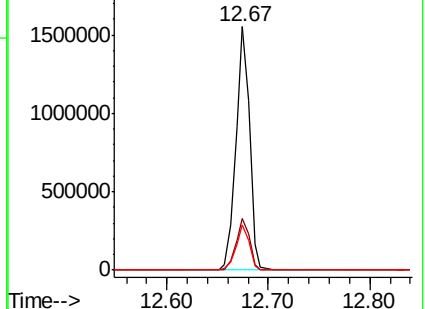
203 18.3 14.4 21.6

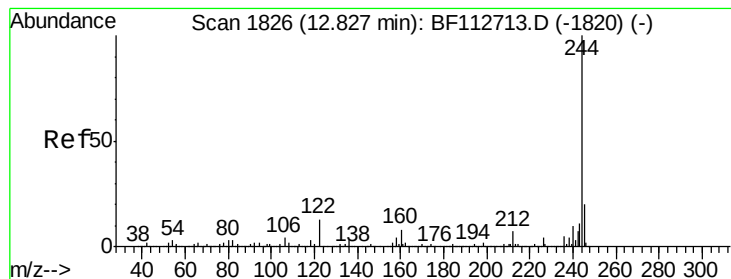


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.831 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

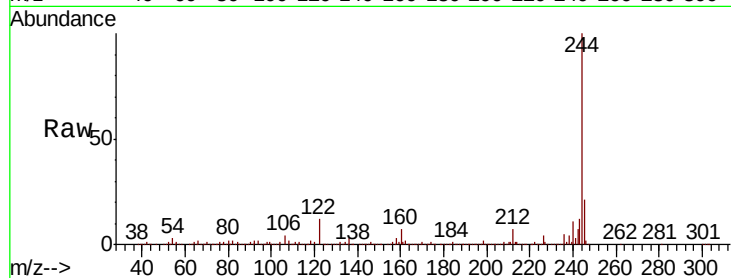
Tgt Ion:244 Resp: 1821166

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

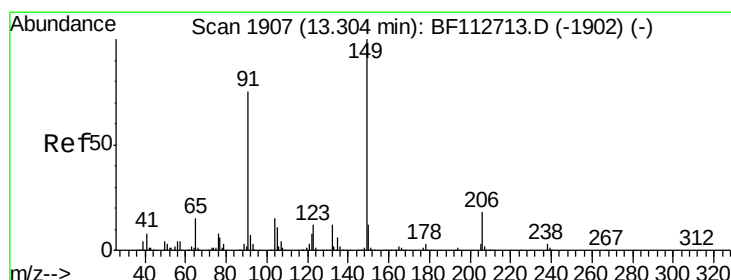
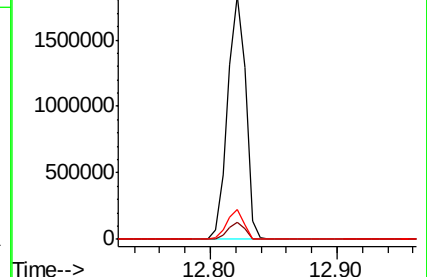
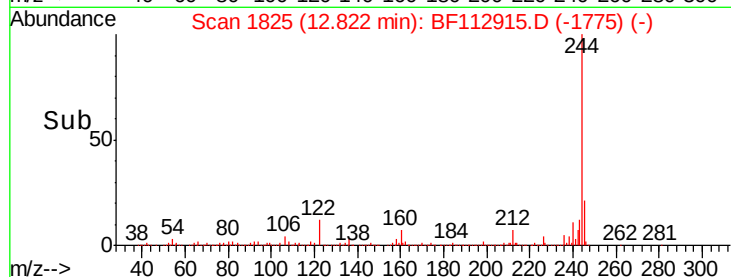
122 12.1 10.5 15.7



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: 35.790 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

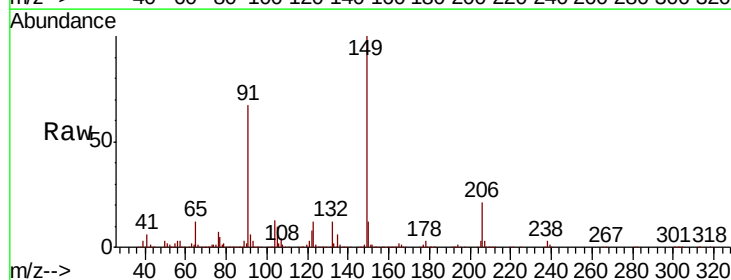
Tgt Ion:149 Resp: 663794

Ion Ratio Lower Upper

149 100

91 67.5 59.9 89.9

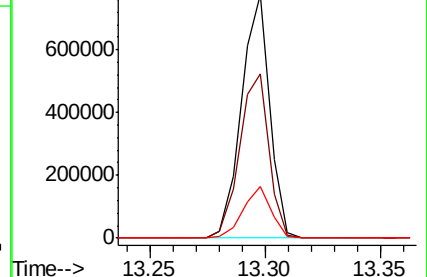
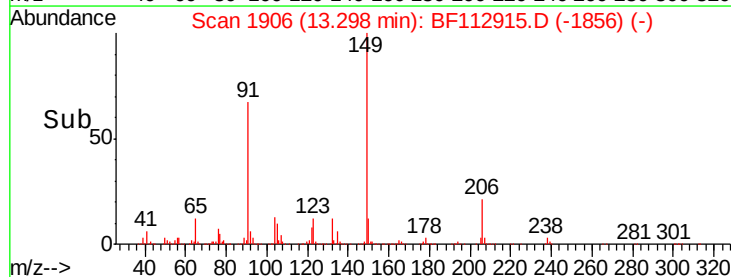
206 21.2 14.7 22.1

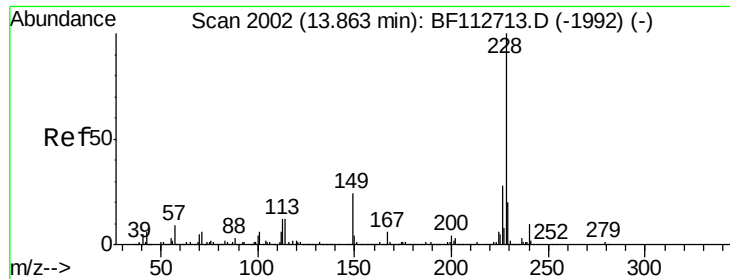


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

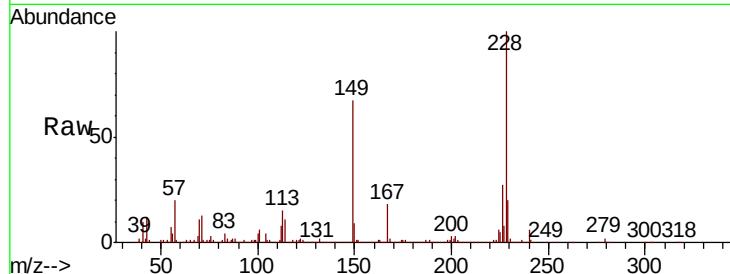




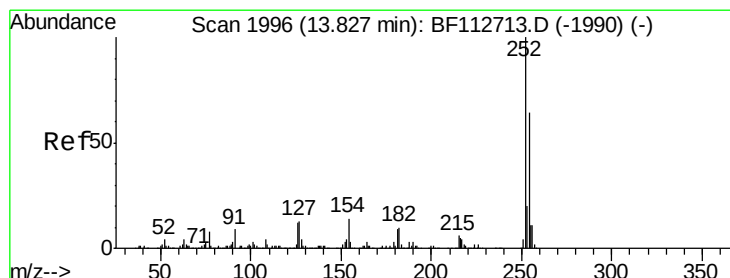
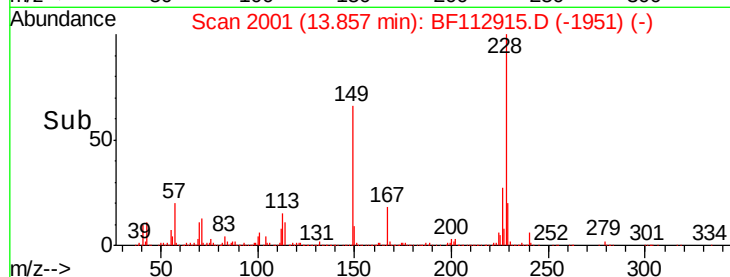
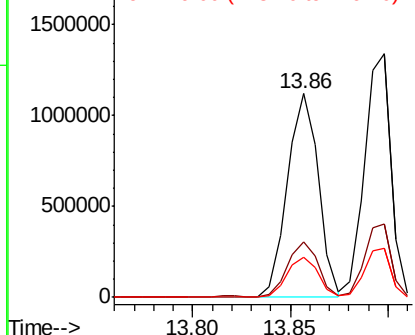
#81  
Benzo(a)anthracene  
Concen: 35.556 ng  
RT: 13.86 min Scan# 2001  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:228 Resp: 1228233  
Ion Ratio Lower Upper  
228 100  
226 27.3 22.2 33.4  
229 20.0 16.0 24.0

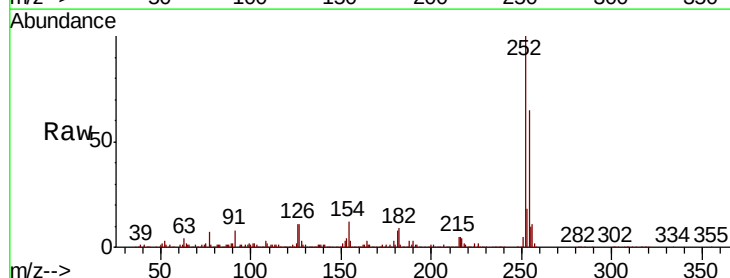


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

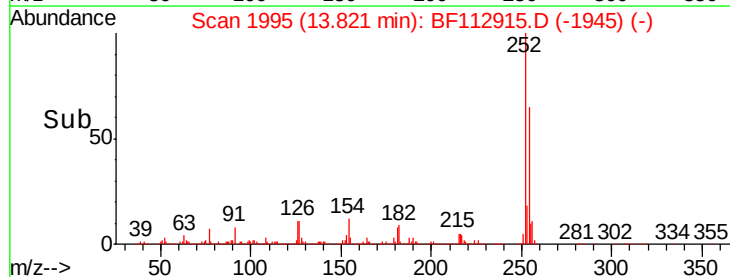
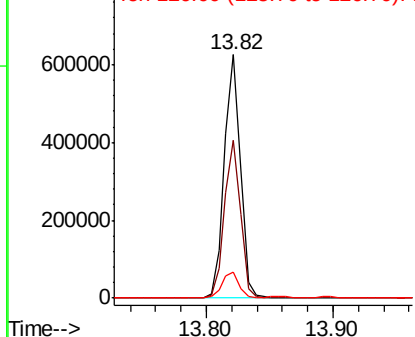


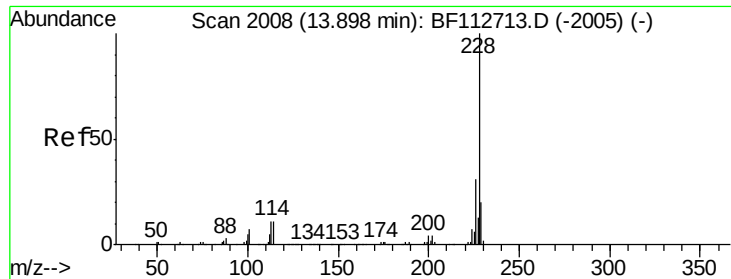
#82  
3,3'-Dichlorobenzidine  
Concen: 42.440 ng  
RT: 13.82 min Scan# 1995  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Tgt Ion:252 Resp: 554454  
Ion Ratio Lower Upper  
252 100  
254 64.9 51.1 76.7  
126 10.8 9.9 14.9



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

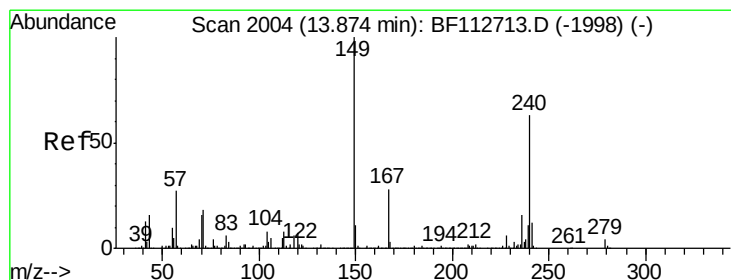
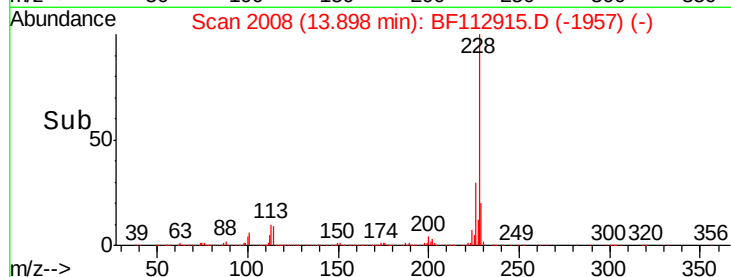
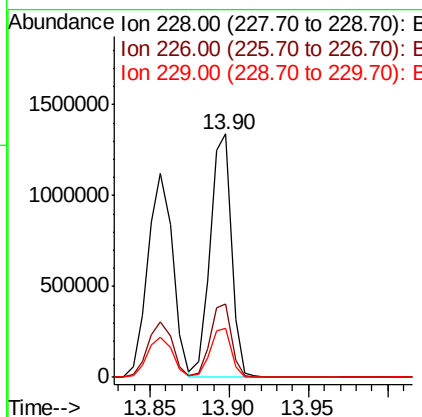
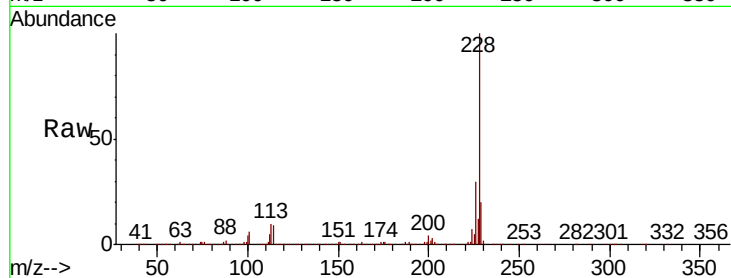




#83  
Chrysene  
Concen: 37.185 ng  
RT: 13.90 min Scan# 2008  
Delta R.T. 0.00 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

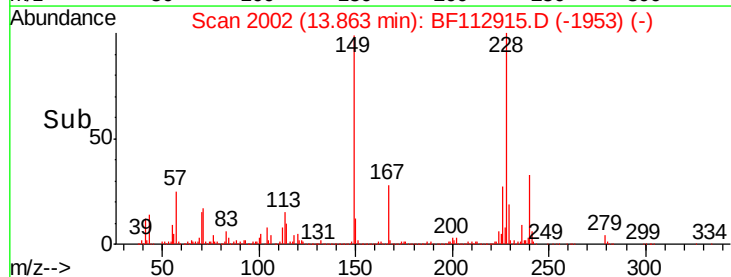
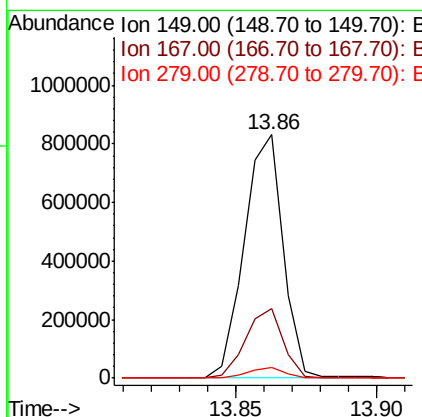
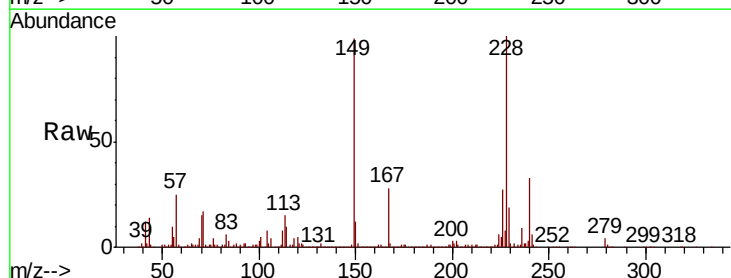
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

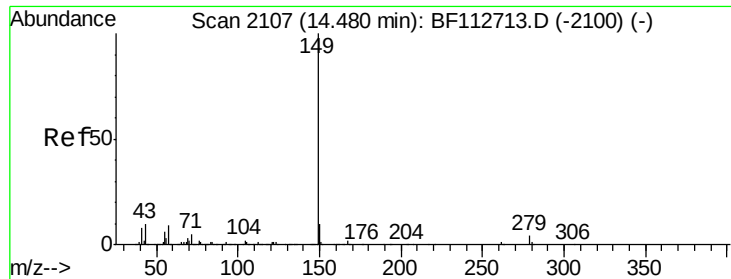
Tgt Ion:228 Resp: 1258231  
Ion Ratio Lower Upper  
228 100  
226 30.1 24.9 37.3  
229 19.9 16.3 24.5



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 36.355 ng  
RT: 13.86 min Scan# 2002  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Tgt Ion:149 Resp: 790887  
Ion Ratio Lower Upper  
149 100  
167 28.5 22.4 33.6  
279 4.4 3.3 4.9

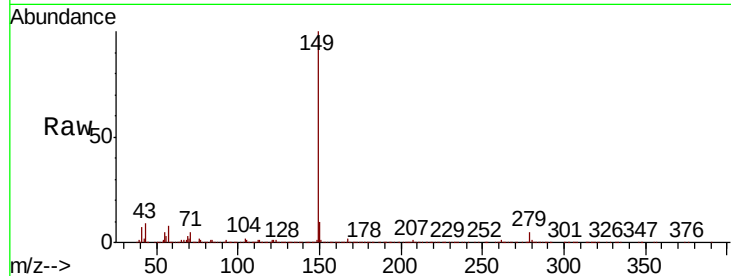




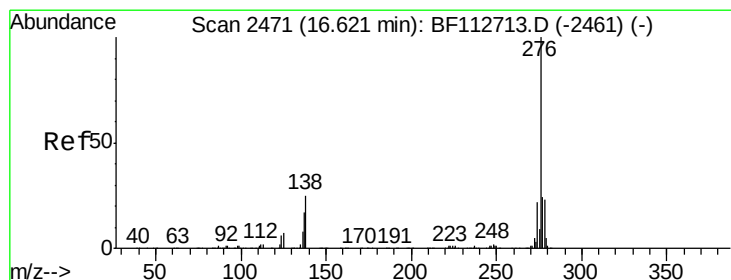
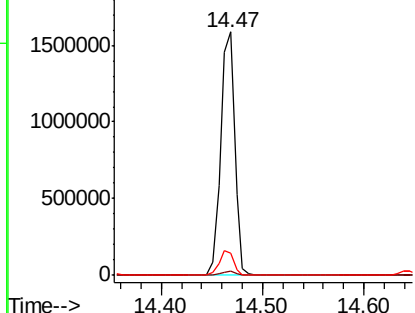
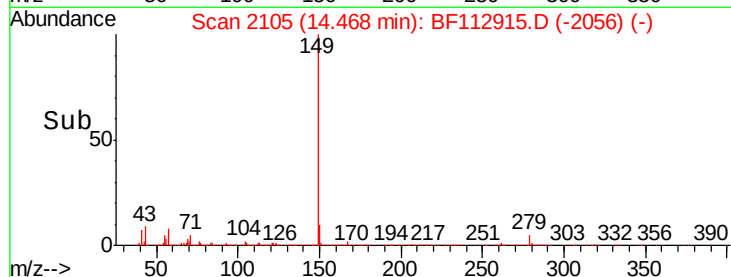
#85  
Di-n-octyl phthalate  
Concen: 40.642 ng  
RT: 14.47 min Scan# 2105  
Delta R.T. -0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:149 Resp: 1518188  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 9.6 9.0 13.4

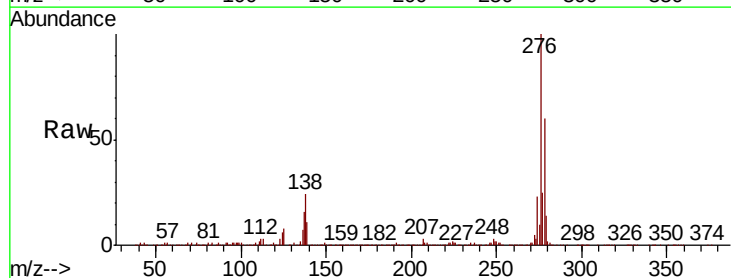


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

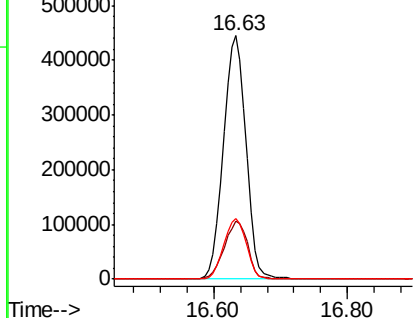
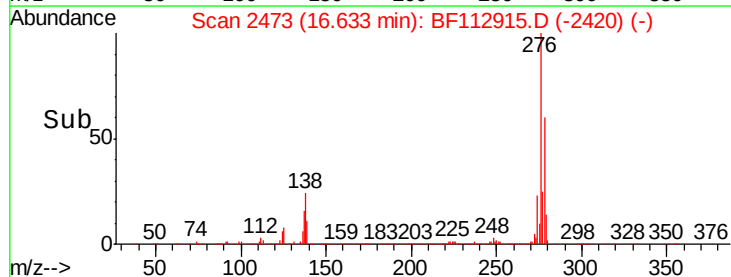


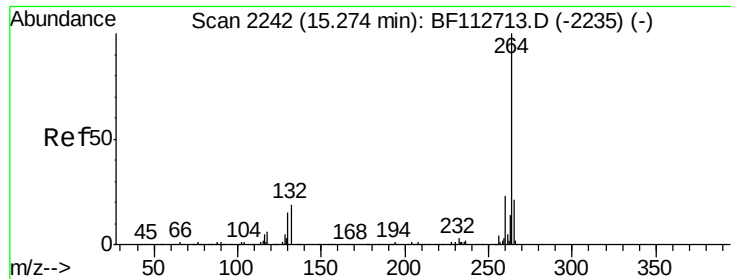
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 36.806 ng  
RT: 16.63 min Scan# 2473  
Delta R.T. 0.01 min  
Lab File: BF112915.D  
Acq: 7 Mar 2019 7:06

Tgt Ion:276 Resp: 1061726  
Ion Ratio Lower Upper  
276 100  
138 24.5 23.2 34.8  
277 24.9 19.9 29.9



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

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

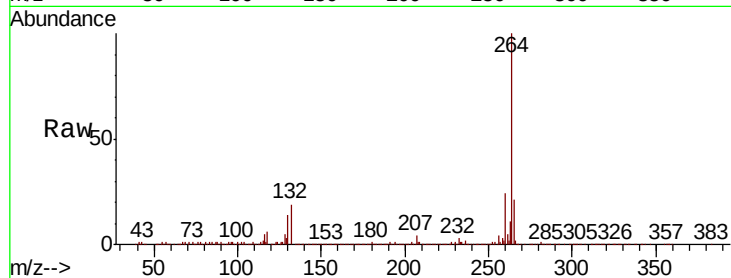
Tgt Ion:264 Resp: 437327

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.2 17.2 25.8

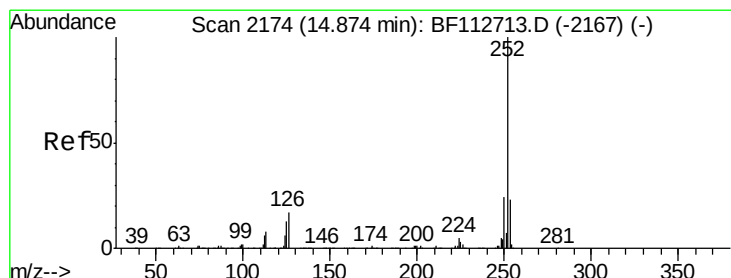
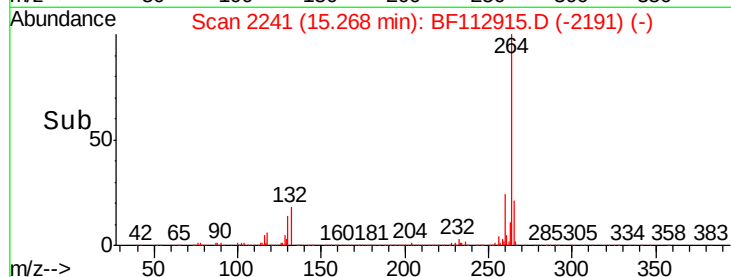
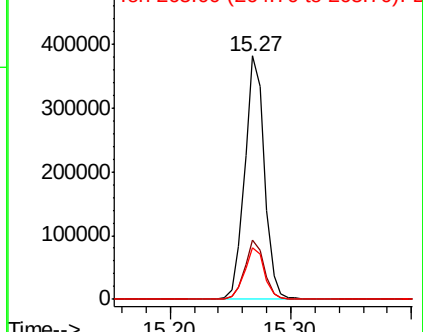


Abundance

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: 38.547 ng

RT: 14.87 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

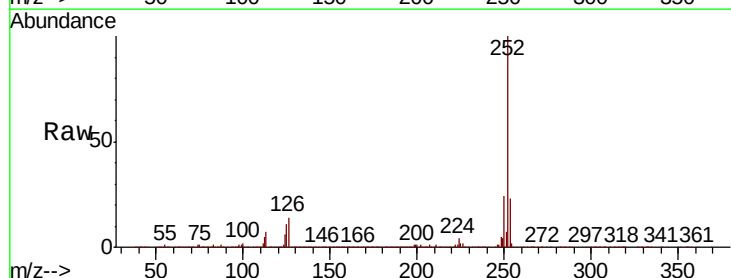
Tgt Ion:252 Resp: 1090403

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 10.6 10.2 15.2

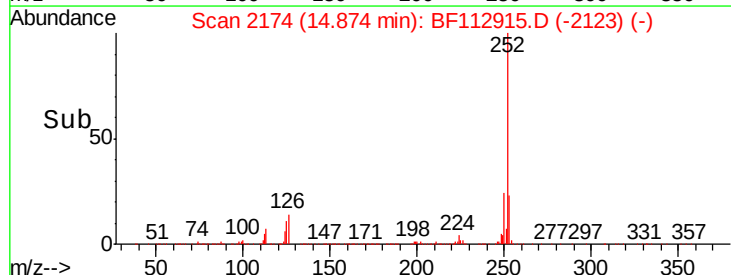
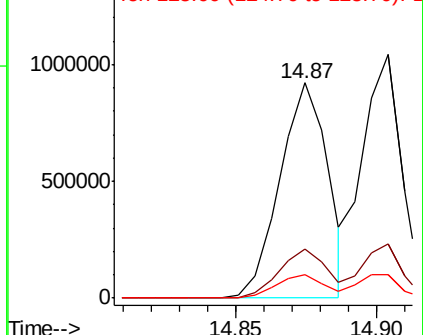


Abundance

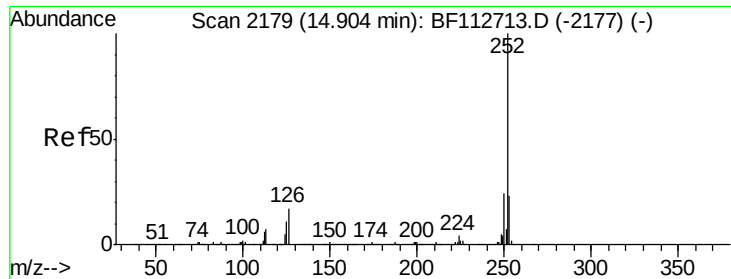
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 42.556 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.03 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

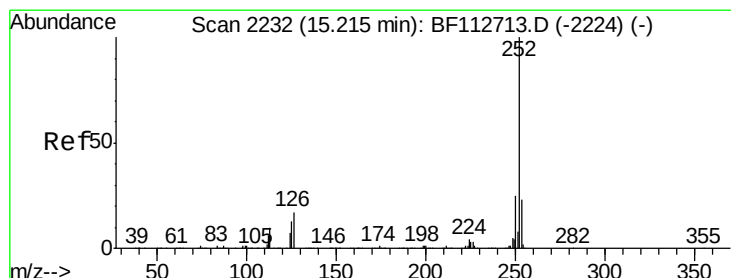
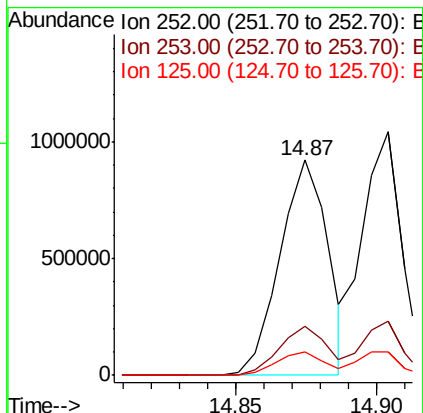
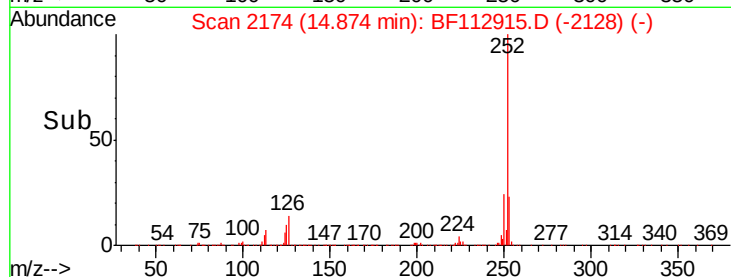
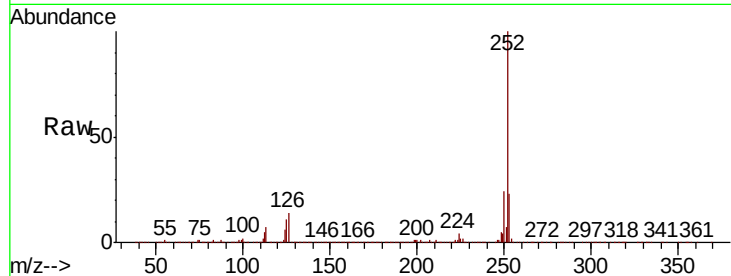
Tgt Ion:252 Resp: 1090403

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 10.6 9.8 14.6



#90

Benzo(a)pyrene

Concen: 39.058 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

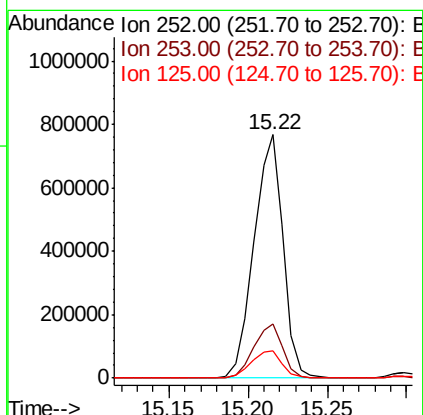
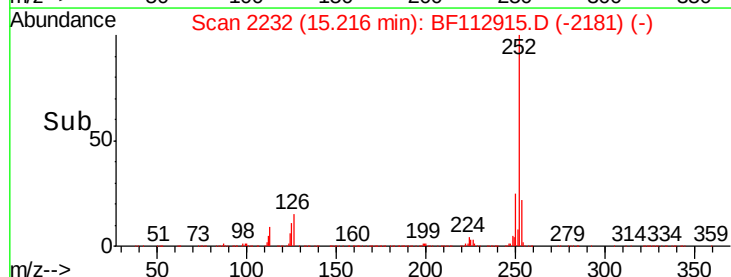
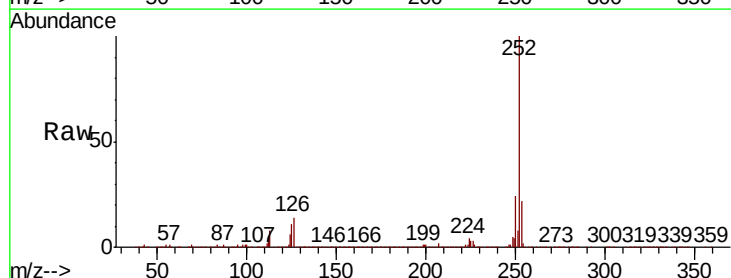
Tgt Ion:252 Resp: 977265

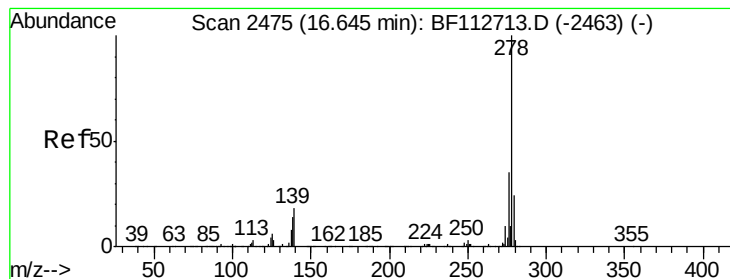
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 11.0 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 41.566 ng

RT: 16.64 min Scan# 2475

Delta R.T. 0.00 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

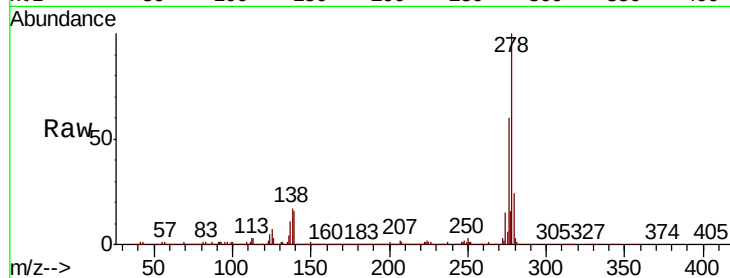
Tgt Ion:278 Resp: 887460

Ion Ratio Lower Upper

278 100

139 16.4 14.3 21.5

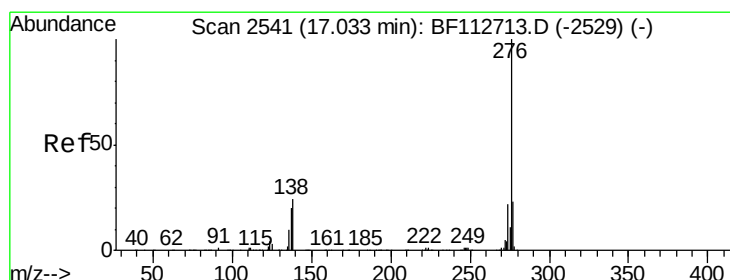
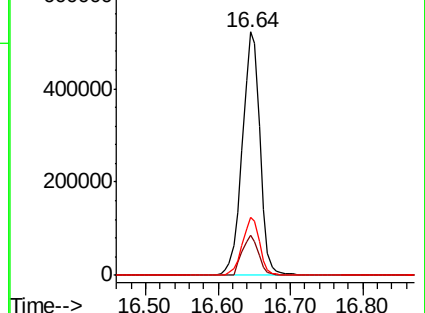
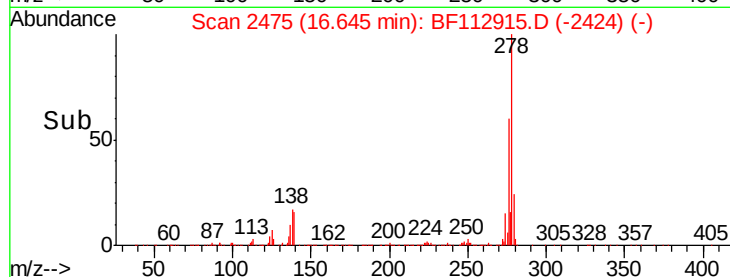
279 23.6 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.151 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF112915.D

Acq: 7 Mar 2019 7:06

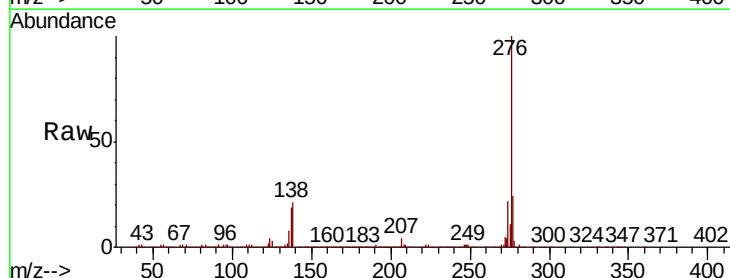
Tgt Ion:276 Resp: 882233

Ion Ratio Lower Upper

276 100

277 23.9 18.6 27.8

138 20.7 19.4 29.0



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

