

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\  
 Data File : BF104657.D  
 Acq On : 20 Apr 2018 4:13  
 Operator : JU/SJ  
 Sample : PB108328BSD  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 20 04:52:04 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 19 14:44:03 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 142081   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 575298   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.85  | 164  | 248940   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.33 | 188  | 399380   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.98 | 240  | 268156   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.43 | 264  | 229301   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.43  | 112  | 698678   | 75.19 | ng    | 0.01     |
| 7) Phenol-d6                | 6.45  | 99   | 861721   | 75.48 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 772546   | 87.69 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.64 | 330  | 203341   | 78.74 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.17  | 172  | 1315461  | 83.48 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.92 | 244  | 1021094  | 86.81 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.59 | 88   | 135007   | 31.182 | ng    | # 89   |
| 3) Pyridine                    | 3.32 | 79   | 388283   | 31.896 | ng    | 87     |
| 4) n-Nitrosodimethylamine      | 3.28 | 42   | 153257   | 36.015 | ng    | # 77   |
| 6) Aniline                     | 6.47 | 93   | 209929   | 13.235 | ng    | 98     |
| 8) 2-Chlorophenol              | 6.59 | 128  | 384289   | 39.183 | ng    | 95     |
| 9) Benzaldehyde                | 6.35 | 77   | 223416   | 38.074 | ng    | 98     |
| 10) Phenol                     | 6.46 | 94   | 449211   | 37.083 | ng    | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.54 | 93   | 350910   | 36.300 | ng    | 96     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146  | 395683   | 35.612 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146  | 400480   | 36.159 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146  | 369730   | 36.023 | ng    | 99     |
| 15) Benzyl Alcohol             | 6.95 | 79   | 304237   | 35.085 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45   | 443671   | 34.175 | ng    | 87     |
| 17) 2-Methylphenol             | 7.06 | 107  | 316162   | 37.085 | ng    | 96     |
| 18) Hexachloroethane           | 7.31 | 117  | 126040   | 31.918 | ng    | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70   | 245812   | 32.948 | ng    | 94     |
| 20) 3+4-Methylphenols          | 7.22 | 107  | 372603   | 35.240 | ng    | # 56   |
| 22) Acetophenone               | 7.22 | 105  | 493912   | 34.872 | ng    | 98     |
| 24) Nitrobenzene               | 7.39 | 77   | 388197   | 39.908 | ng    | 98     |
| 25) Isophorone                 | 7.63 | 82   | 704818   | 37.831 | ng    | 98     |
| 26) 2-Nitrophenol              | 7.70 | 139  | 195299   | 49.318 | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 7.75 | 122  | 332266   | 40.410 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93   | 458795   | 40.277 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 7.95 | 162  | 313791   | 39.997 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180  | 317191   | 36.840 | ng    | 97     |
| 31) Naphthalene                | 8.11 | 128  | 1050750  | 36.680 | ng    | 100    |
| 32) Benzoic acid               | 7.87 | 122  | 224151   | 34.167 | ng    | 97     |
| 33) 4-Chloroaniline            | 8.16 | 127  | 80501    | 6.559  | ng    | 95     |
| 34) Hexachlorobutadiene        | 8.22 | 225  | 167813   | 35.584 | ng    | 99     |
| 35) Caprolactam                | 8.55 | 113  | 102619   | 37.495 | ng    | # 80   |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107  | 333628   | 39.660 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 8.80 | 142  | 695600   | 37.539 | ng    | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216  | 297769   | 41.786 | ng    | 99     |
| 40) Hexachlorocyclopentadiene  | 8.95 | 237  | 79461    | 19.918 | ng    | 96     |

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 ALS Vial : 27 Sample Multiplier: 1

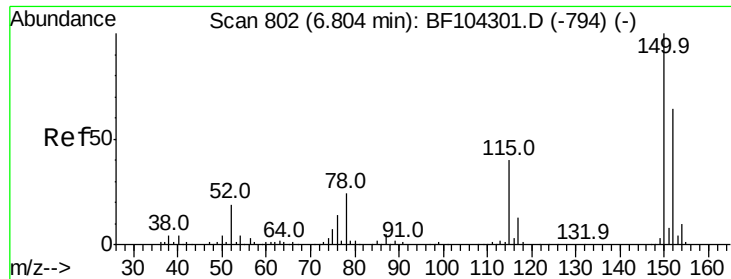
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 20 04:52:04 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
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 QLast Update : Thu Apr 19 14:44:03 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.09  | 196  | 205582   | 41.558 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.13  | 196  | 218479   | 39.467 | nq    | 98       |
| 45) 1,1'-Biphenyl              | 9.27  | 154  | 811603   | 38.809 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.29  | 162  | 633453   | 38.348 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.39  | 65   | 198639   | 48.627 | nq    | 99       |
| 48) Acenaphthylene             | 9.71  | 152  | 949508   | 36.637 | nq    | 99       |
| 49) Dimethylphthalate          | 9.57  | 163  | 783178   | 39.895 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.63  | 165  | 168352   | 46.346 | nq    | 94       |
| 51) Acenaphthene               | 9.88  | 154  | 547390   | 34.617 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.80  | 138  | 87085    | 20.478 | nq    | 99       |
| 53) 2,4-Dinitrophenol          | 9.91  | 184  | 51937    | 44.706 | nq    | # 20     |
| 54) Dibenzofuran               | 10.05 | 168  | 830169   | 37.672 | nq    | 98       |
| 55) 4-Nitrophenol              | 9.97  | 139  | 255331   | 76.435 | nq    | 97       |
| 56) 2,4-Dinitrotoluene         | 10.04 | 165  | 207091   | 43.463 | nq    | 97       |
| 57) Fluorene                   | 10.40 | 166  | 629506   | 39.246 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 162255   | 39.288 | nq    | 94       |
| 59) Diethylphthalate           | 10.27 | 149  | 739519   | 37.825 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.39 | 204  | 295465   | 41.362 | nq    | 96       |
| 61) 4-Nitroaniline             | 10.42 | 138  | 147412   | 35.452 | nq    | 97       |
| 62) Azobenzene                 | 10.55 | 77   | 669964   | 35.868 | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 40420    | 24.947 | nq    | 86       |
| 65) n-Nitrosodiphenylamine     | 10.50 | 169  | 591303   | 42.701 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.87 | 248  | 179508   | 42.256 | nq    | 94       |
| 67) Hexachlorobenzene          | 10.94 | 284  | 192393   | 40.249 | nq    | 94       |
| 68) Atrazine                   | 11.03 | 200  | 186082   | 44.519 | nq    | 99       |
| 69) Pentachlorophenol          | 11.14 | 266  | 173995   | 58.838 | nq    | 98       |
| 70) Phenanthrene               | 11.36 | 178  | 847346   | 38.098 | nq    | 99       |
| 71) Anthracene                 | 11.41 | 178  | 865668   | 38.290 | nq    | 100      |
| 72) Carbazole                  | 11.57 | 167  | 780848   | 35.345 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.89 | 149  | 1072142  | 39.728 | nq    | 99       |
| 74) Fluoranthene               | 12.55 | 202  | 783421   | 33.713 | nq    | 100      |
| 76) Benzidine                  | 12.67 | 184  | 443661   | 53.429 | nq    | 97       |
| 77) Pyrene                     | 12.77 | 202  | 763295   | 38.402 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.39 | 149  | 389540   | 41.599 | nq    | 100      |
| 80) Benzo(a)anthracene         | 13.97 | 228  | 660168   | 41.209 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 228431   | 38.243 | nq    | # 97     |
| 82) Chrysene                   | 14.00 | 228  | 632707   | 38.451 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 532039   | 44.172 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.57 | 149  | 845644   | 42.018 | nq    | # 95     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.89 | 276  | 514409   | 36.801 | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 15.02 | 252  | 583902   | 40.318 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 15.04 | 252  | 568830   | 41.604 | nq    | 98       |
| 89) Benzo(a)pyrene             | 15.37 | 252  | 531113   | 40.987 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.91 | 278  | 433659   | 40.748 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.33 | 276  | 413430   | 40.097 | nq    | 98       |

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



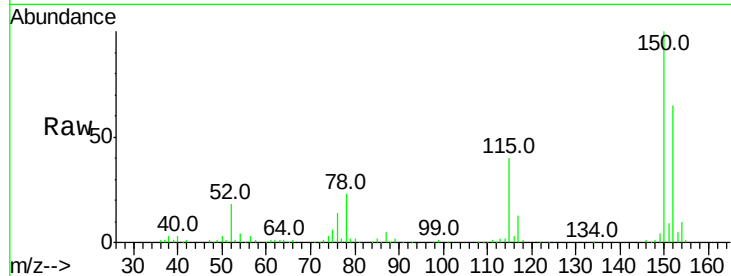


#1

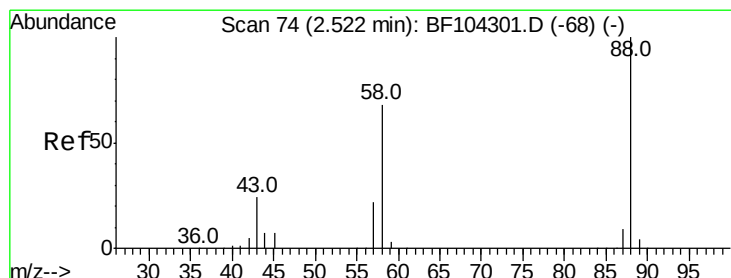
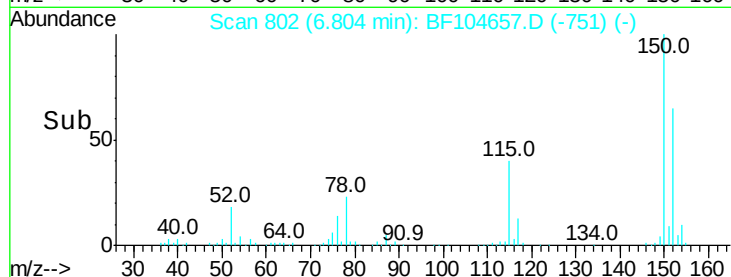
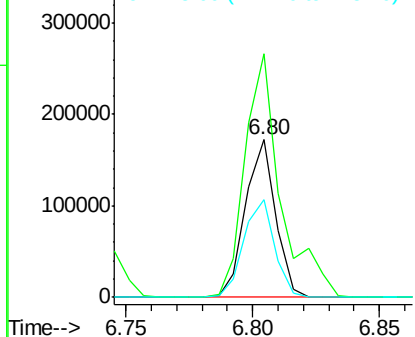
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 142081  
Ion Ratio Lower Upper  
152 100  
150 154.3 124.6 186.8  
115 61.7 50.1 75.1



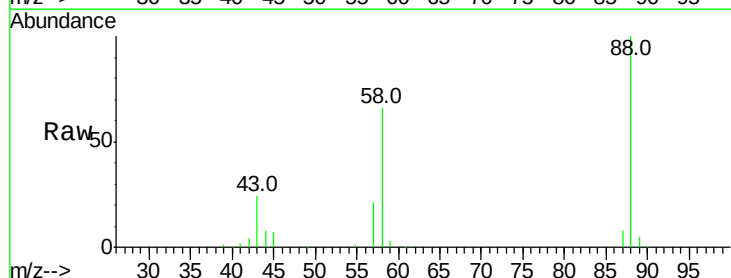
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



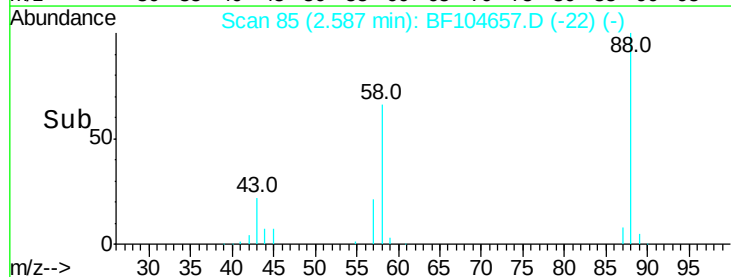
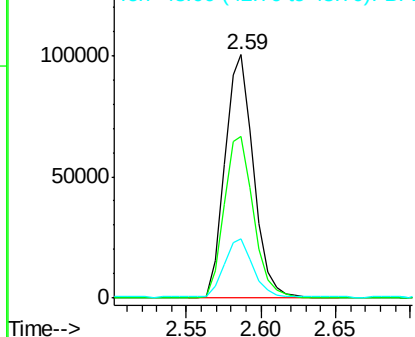
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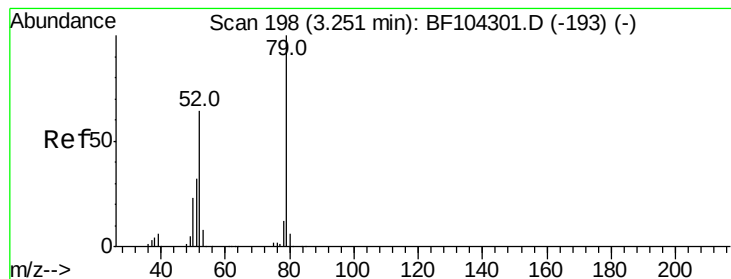
1,4-Dioxane  
Concen: 31.182 ng  
RT: 2.59 min Scan# 85  
Delta R.T. 0.07 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

Tgt Ion: 88 Resp: 135007  
Ion Ratio Lower Upper  
88 100  
58 68.5 62.6 93.8  
43 24.2 24.6 37.0#



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





#3

Pvridine

Concen: 31.896 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.06 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampleId :

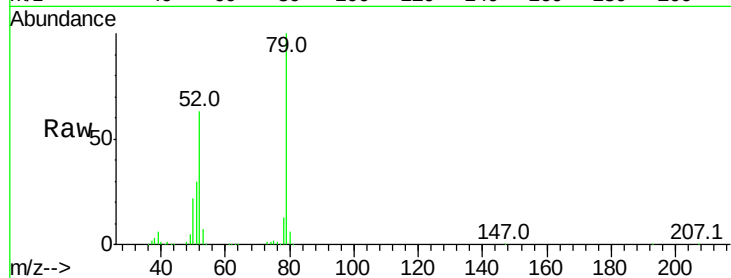
Tot Ion: 79 Resp: 388283

Ion Ratio Lower Upper

79 100

52 63.4 59.8 89.6

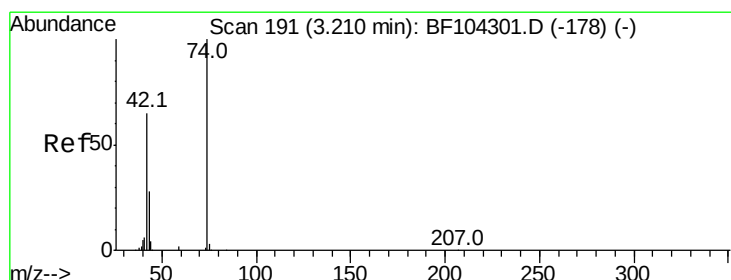
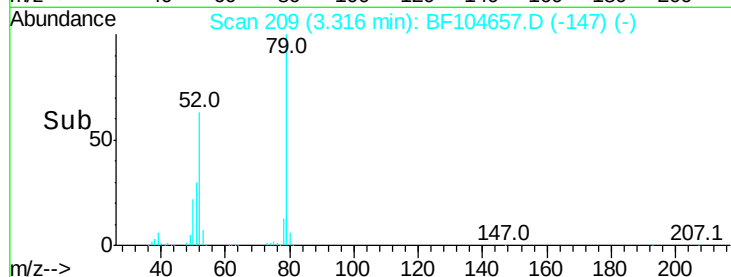
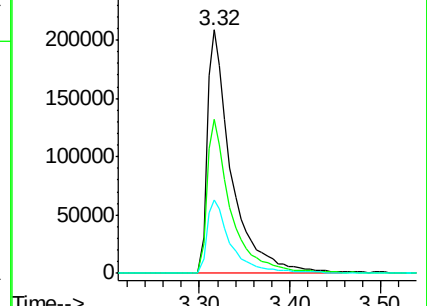
51 30.4 29.8 44.8



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: 36.015 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.05 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

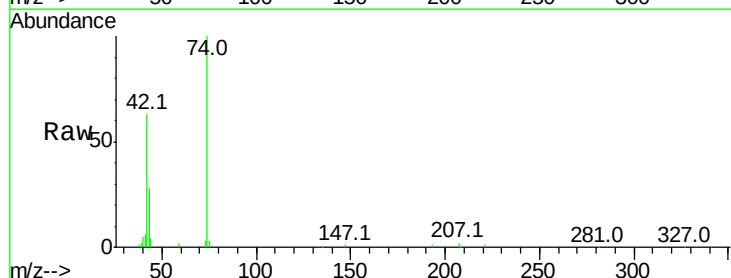
Tgt Ion: 42 Resp: 153257

Ion Ratio Lower Upper

42 100

74 159.7 104.9 157.3#

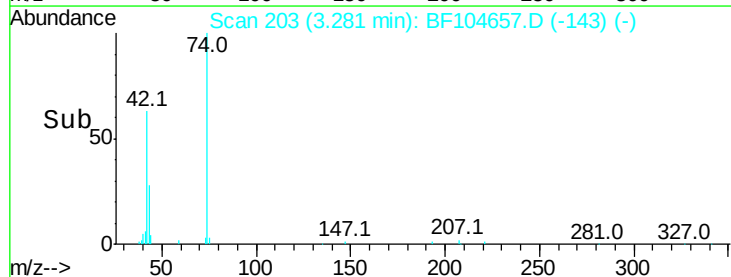
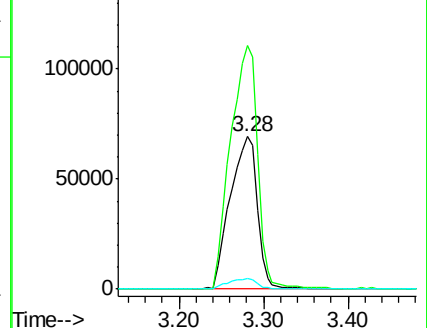
44 6.6 6.9 10.3#

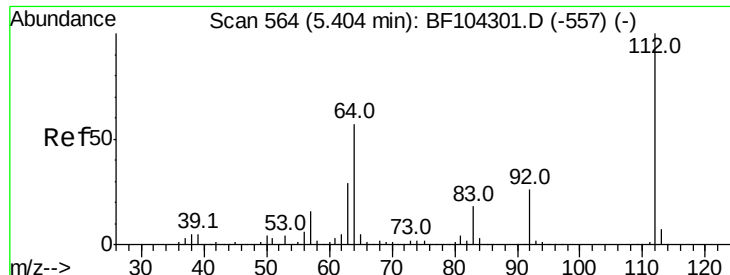


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 75.191 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :  
BNA\_F  
ClientSampleId :

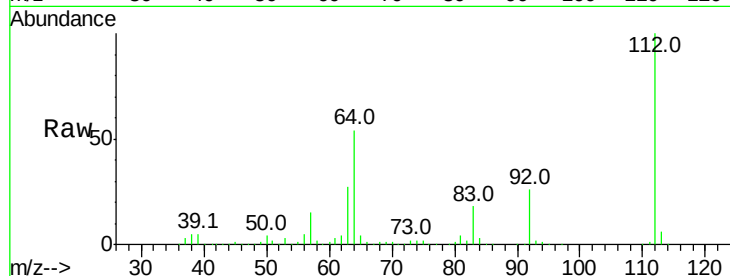
Tot Ion:112 Resp: 698678

Ion Ratio Lower Upper

112 100

64 54.0 47.9 71.9

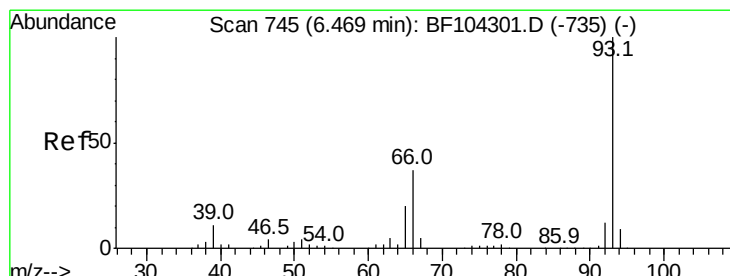
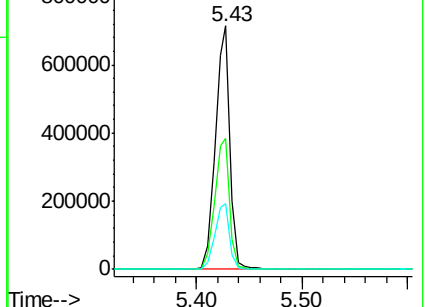
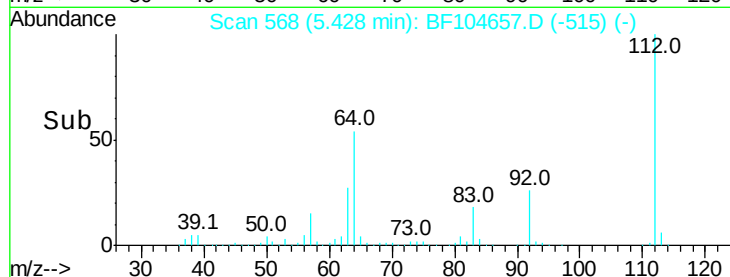
63 27.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.235 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

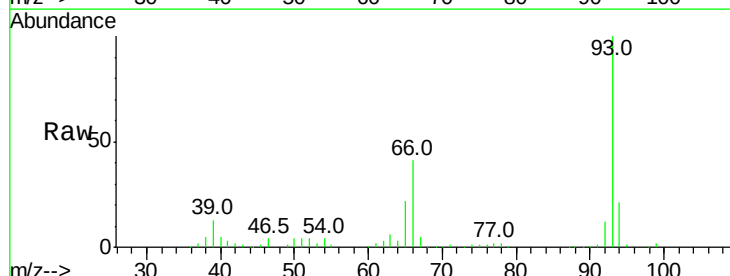
Tgt Ion: 93 Resp: 209929

Ion Ratio Lower Upper

93 100

66 41.4 32.2 48.2

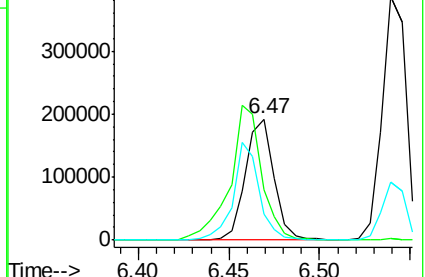
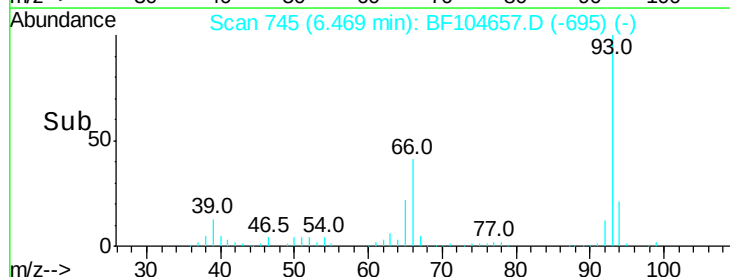
65 21.8 16.4 24.6

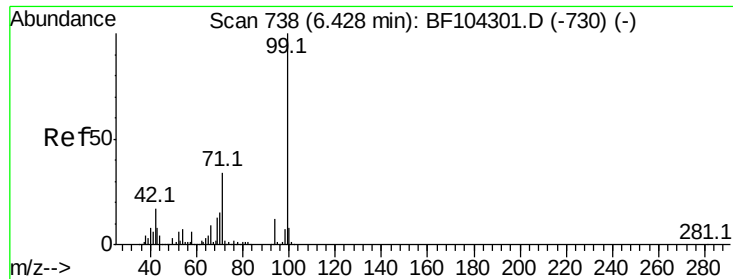


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.477 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampleId :

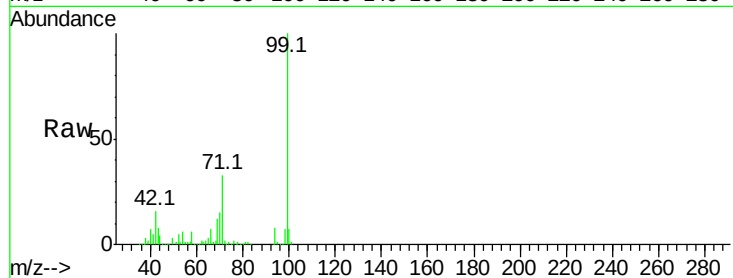
Tot Ion: 99 Resp: 861721

Ion Ratio Lower Upper

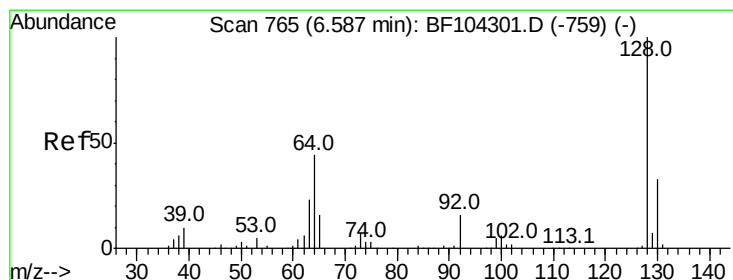
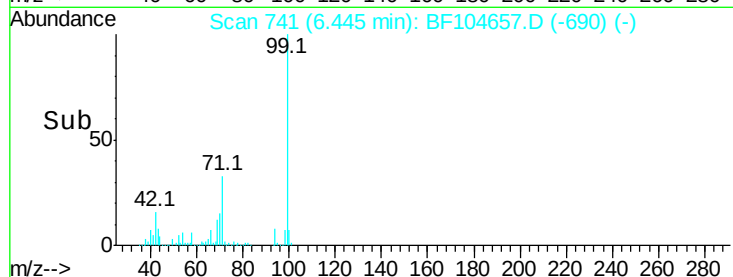
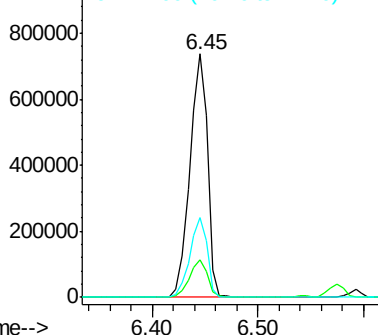
99 100

42 15.6 14.5 21.7

71 32.8 25.4 38.0



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: 39.183 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

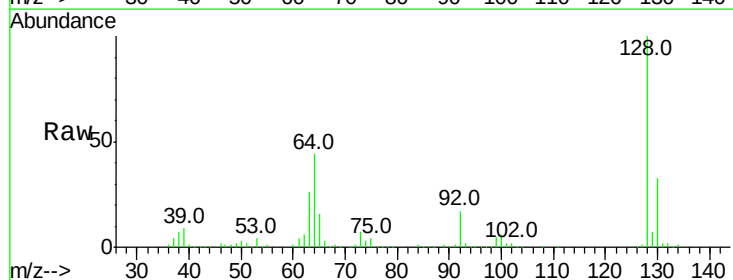
Tgt Ion: 128 Resp: 384289

Ion Ratio Lower Upper

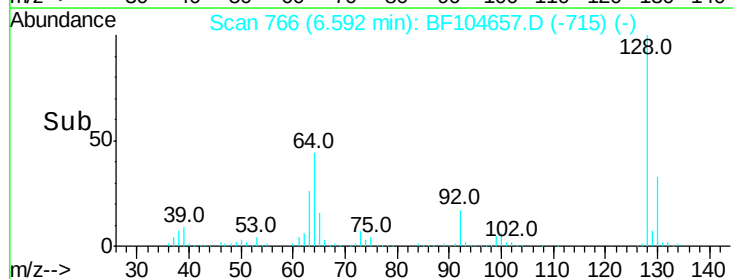
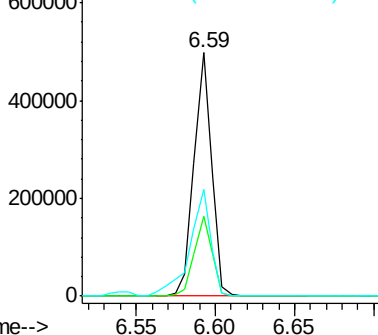
128 100

130 32.7 13.0 53.0

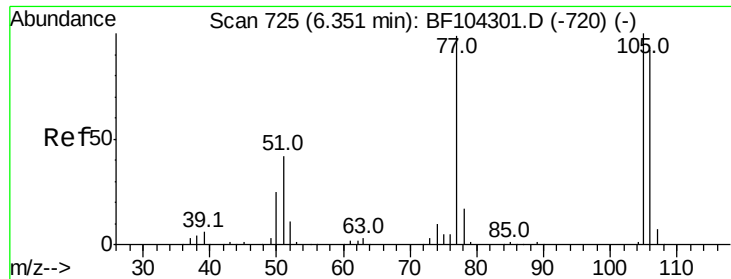
64 43.8 29.4 69.4



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



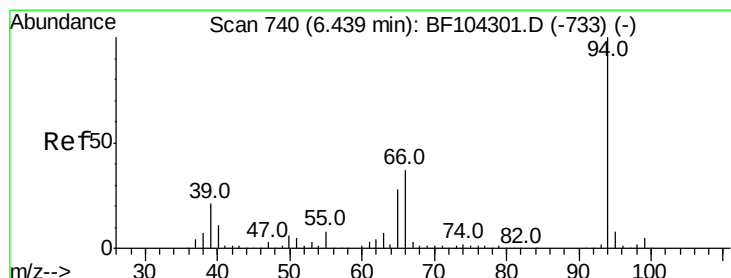
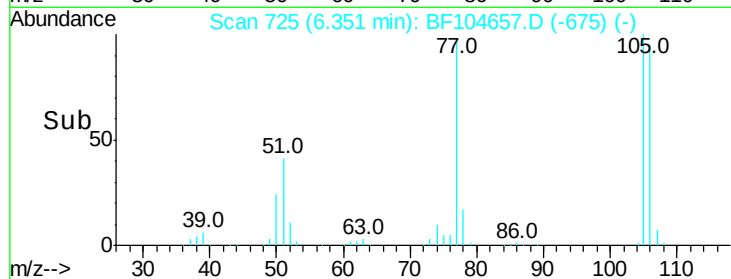
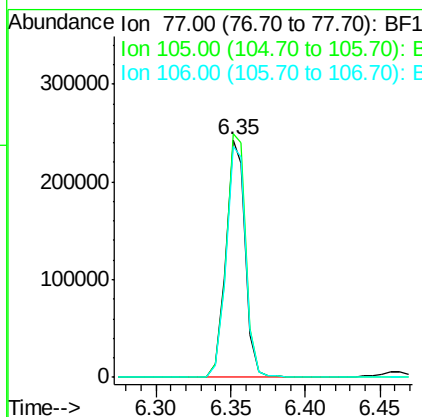
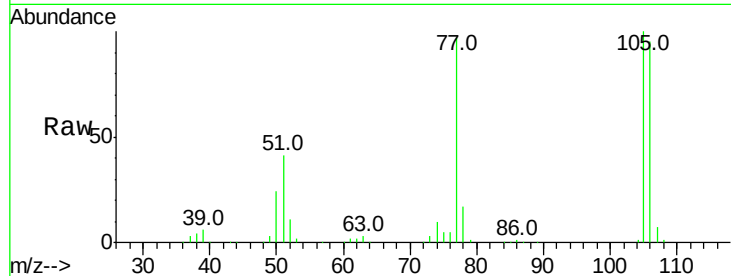




#9  
Benzaldehyde  
Concen: 38.074 ng  
RT: 6.35 min Scan# 725  
Delta R.T. -0.01 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

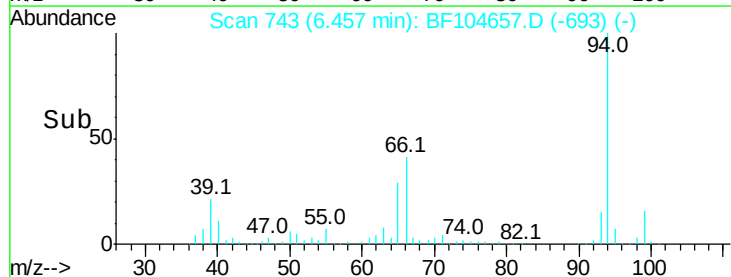
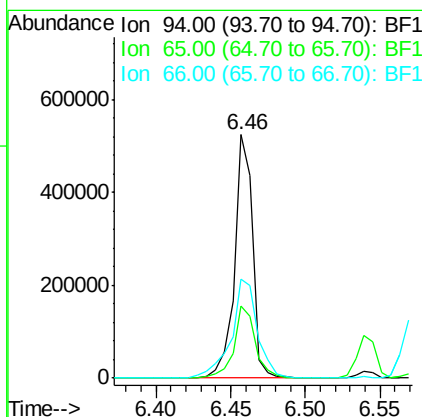
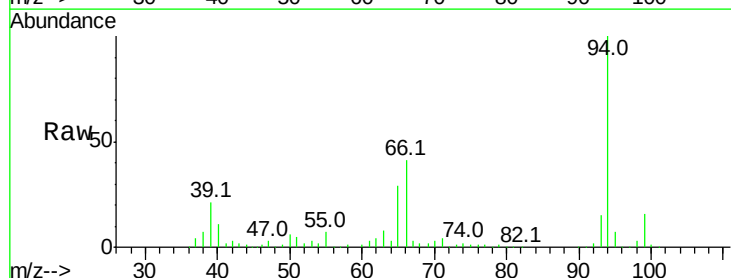
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 77 Resp: 223416  
Ion Ratio Lower Upper  
77 100  
105 102.6 81.1 121.1  
106 97.0 74.5 114.5

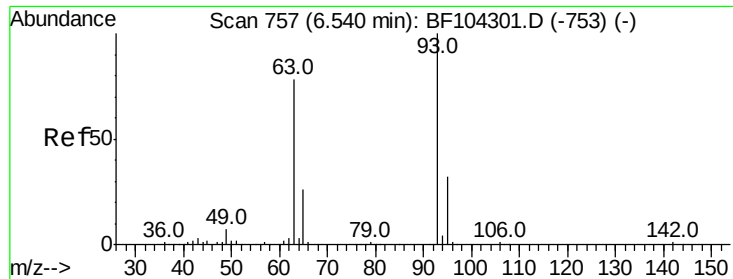


#10  
Phenol  
Concen: 37.083 ng  
RT: 6.46 min Scan# 743  
Delta R.T. -0.01 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

Tgt Ion: 94 Resp: 449211  
Ion Ratio Lower Upper  
94 100  
65 29.5 7.9 47.9  
66 40.9 16.2 56.2







#11

bis(2-Chloroethyl)ether

Concen: 36.300 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampleId :

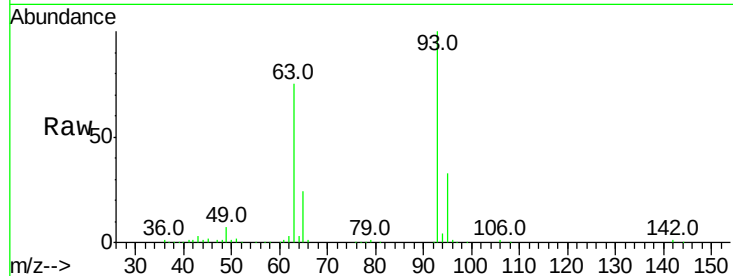
Tot Ion: 93 Resp: 350910

Ion Ratio Lower Upper

93 100

63 74.7 58.6 98.6

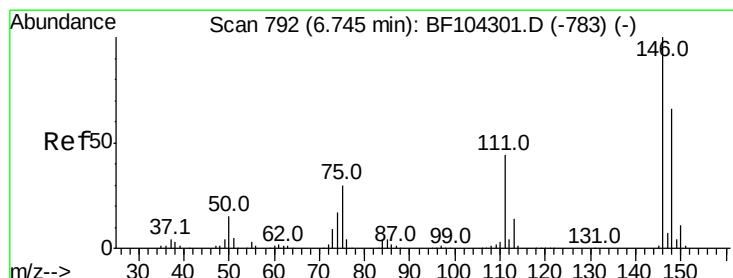
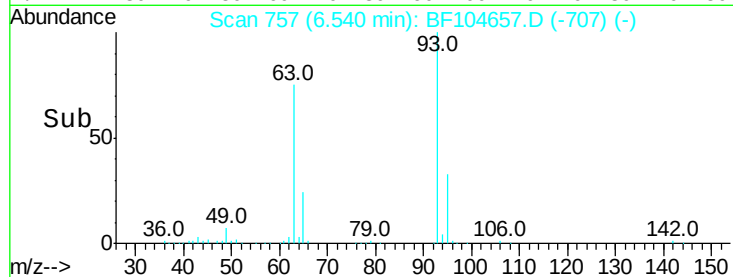
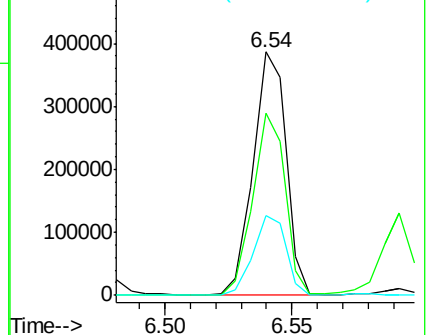
95 32.9 11.8 51.8



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: 35.612 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

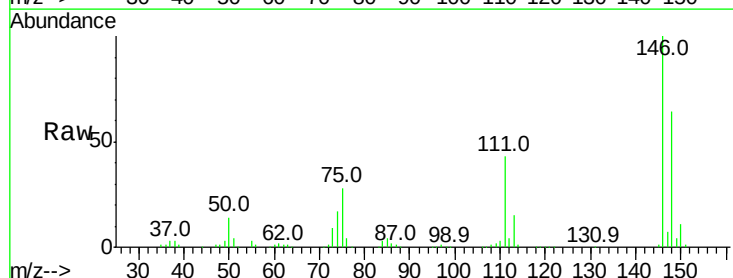
Tgt Ion: 146 Resp: 395683

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

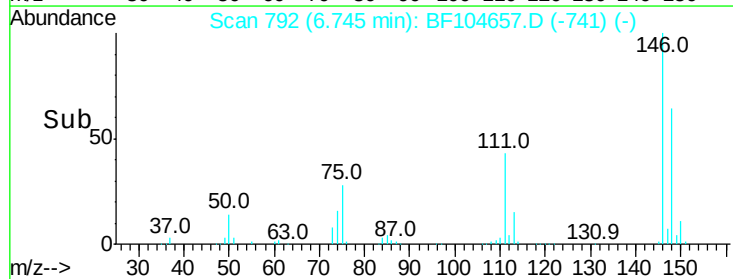
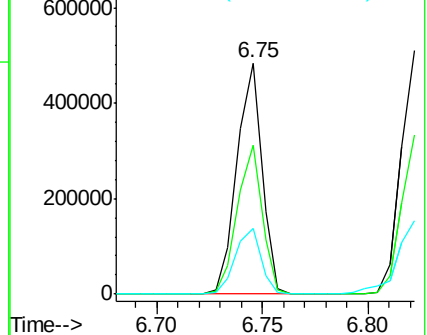
75 28.3 24.2 36.4

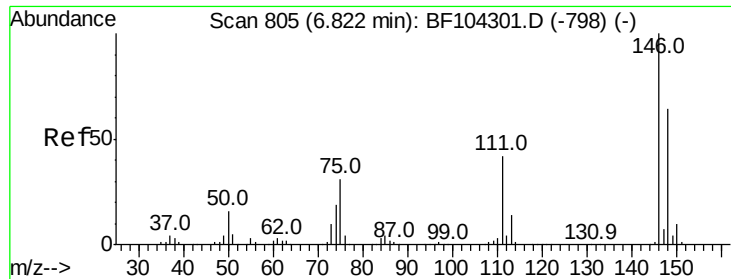


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

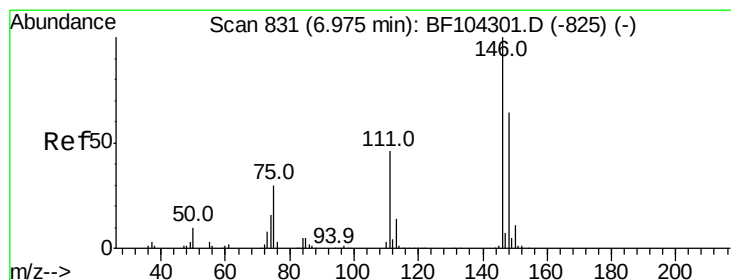
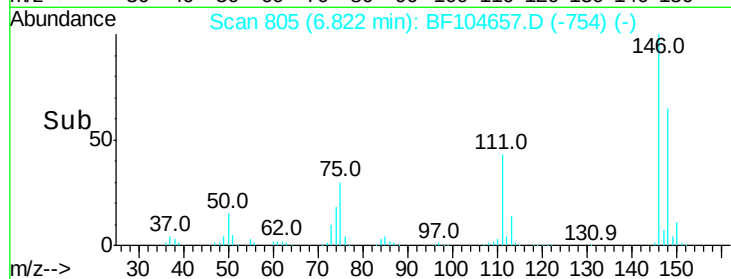
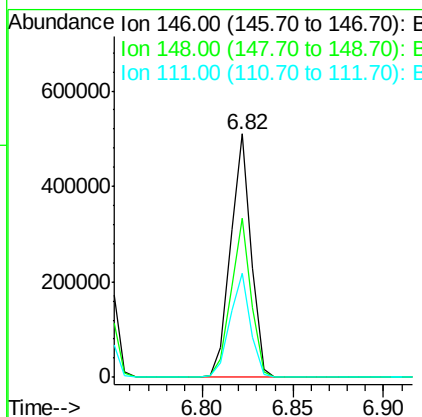
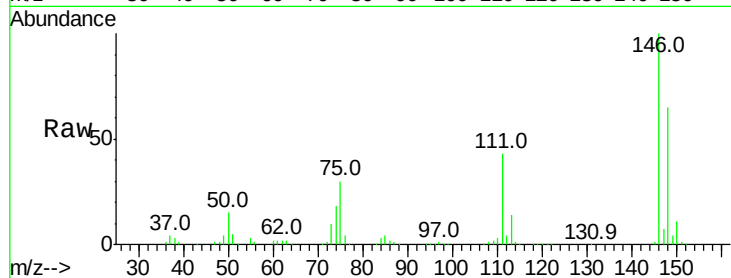




#13  
 1,4-Dichlorobenzene  
 Concen: 36.159 ng  
 RT: 6.82 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

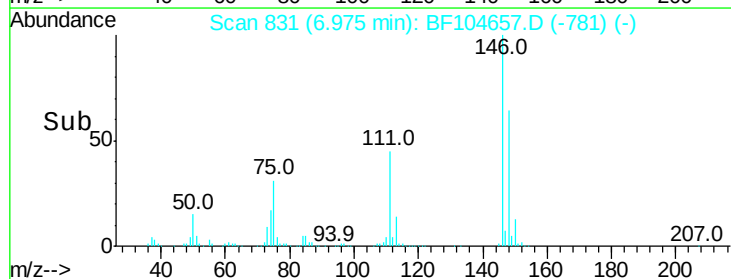
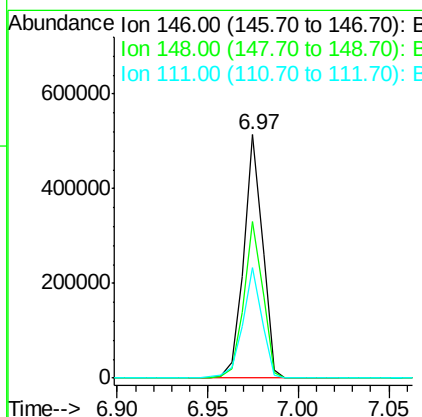
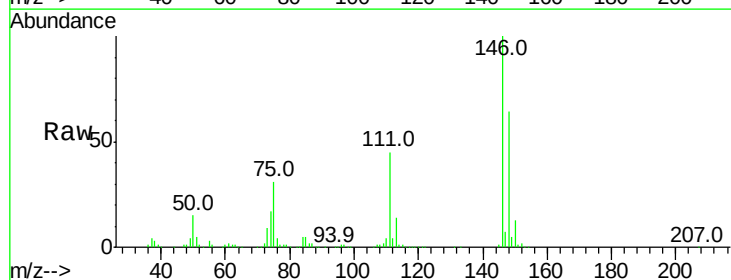
Instrument :  
 BNA\_F  
 ClientSampleId :

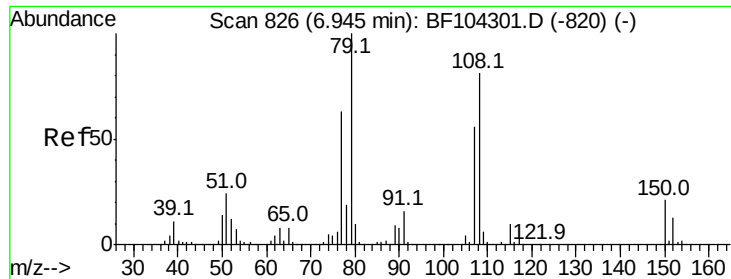
Tot Ion:146 Resp: 400480  
 Ion Ratio Lower Upper  
 146 100  
 148 65.2 50.8 76.2  
 111 42.5 34.2 51.2



#14  
 1,2-Dichlorobenzene  
 Concen: 36.023 ng  
 RT: 6.97 min Scan# 831  
 Delta R.T. -0.01 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

Tgt Ion:146 Resp: 369730  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 50.6 75.8  
 111 45.4 36.0 54.0

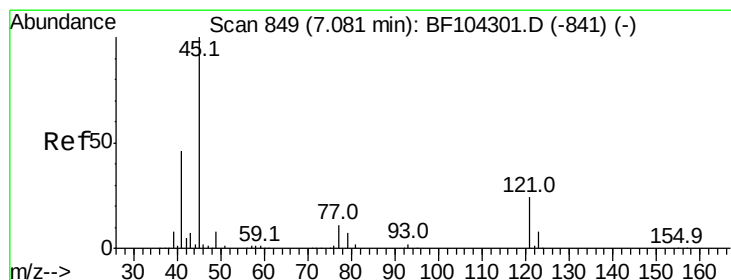
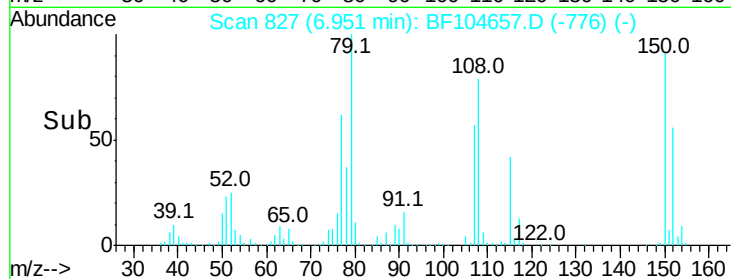
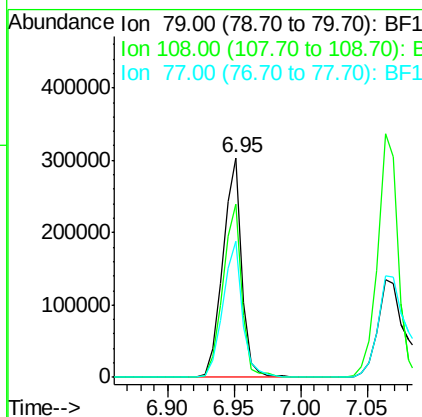
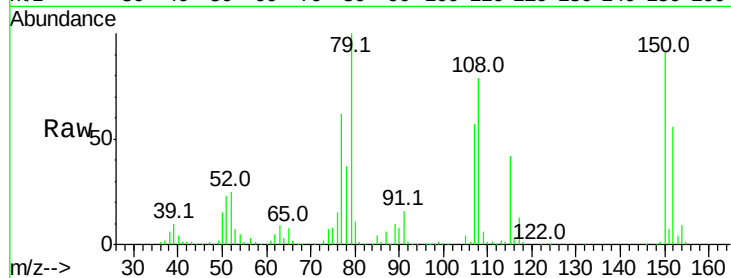




#15  
Benzyl Alcohol  
Concen: 35.085 ng  
RT: 6.95 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

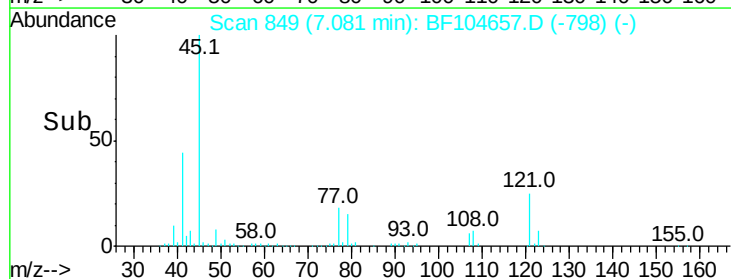
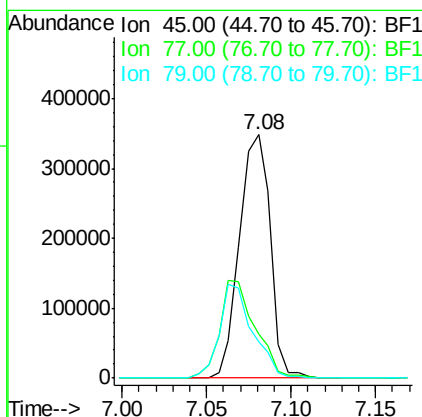
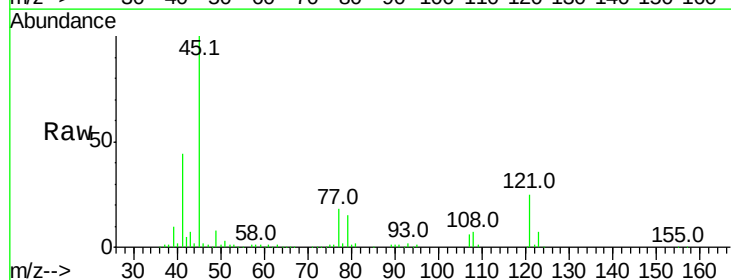
Instrument :  
BNA\_F  
ClientSampled :

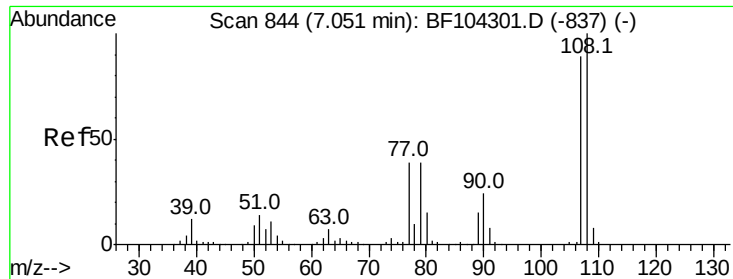
Tot Ion: 79 Resp: 304237  
Ion Ratio Lower Upper  
79 100  
108 79.2 65.1 97.7  
77 62.3 50.6 75.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 34.175 ng  
RT: 7.08 min Scan# 849  
Delta R.T. 0.00 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

Tgt Ion: 45 Resp: 443671  
Ion Ratio Lower Upper  
45 100  
77 17.9 0.0 32.9  
79 14.6 0.0 29.6

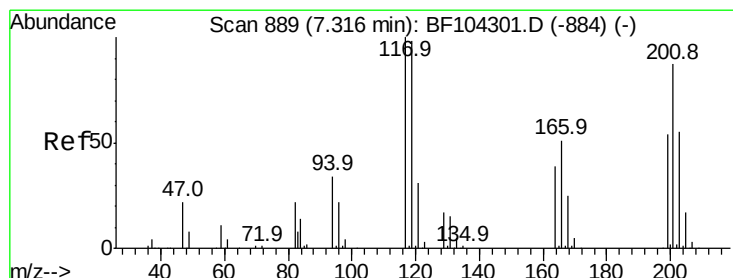
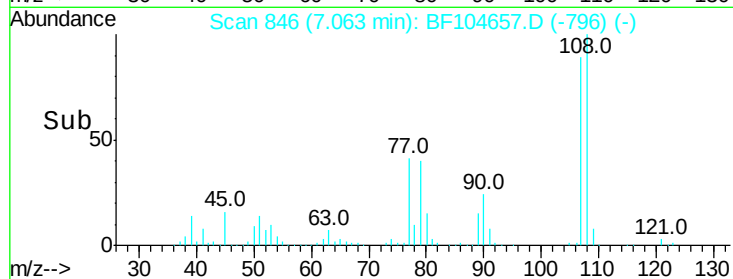
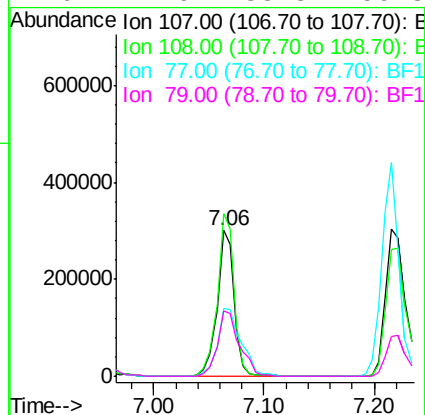
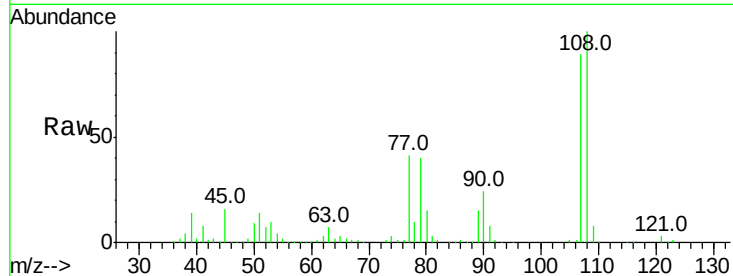




#17  
2-Methylphenol  
Concen: 37.085 ng  
RT: 7.06 min Scan# 846  
Delta R.T. -0.01 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

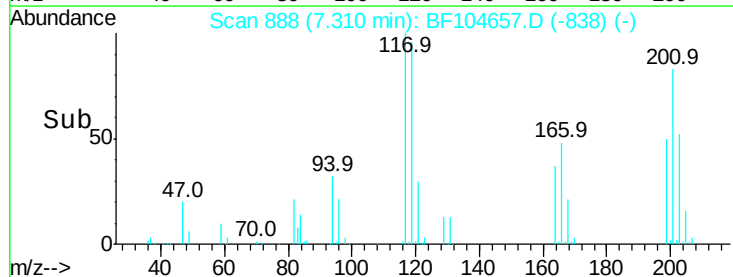
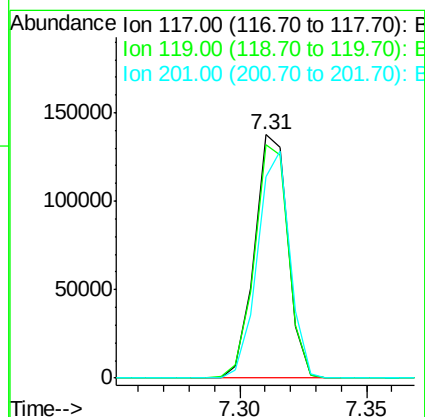
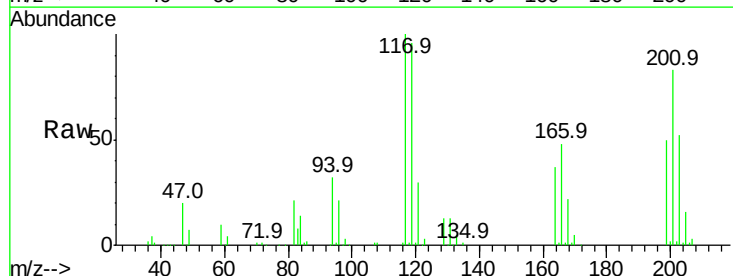
Instrument :  
BNA\_F  
ClientSampleId :

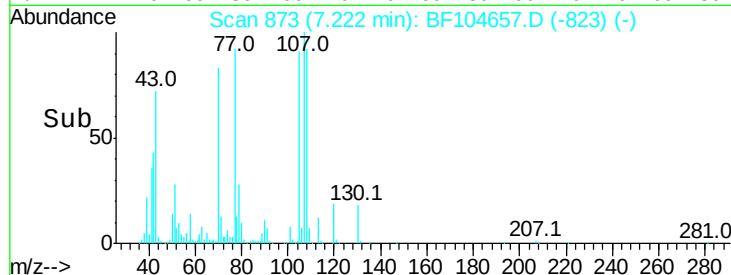
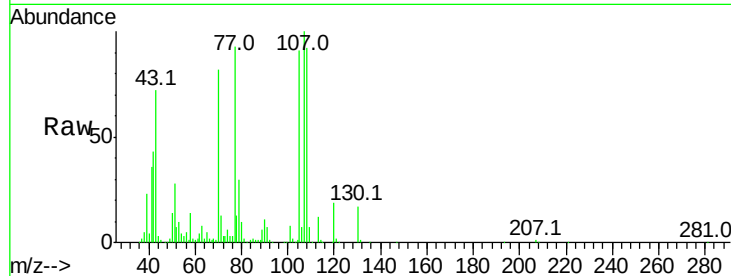
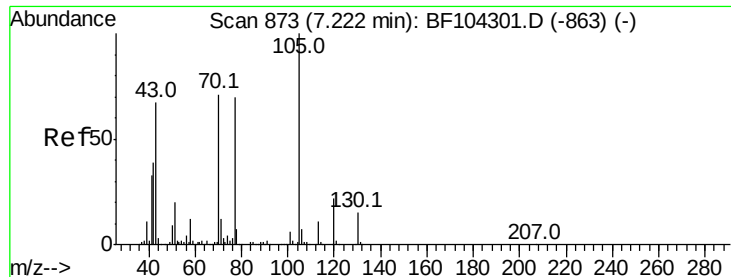
Tot Ion:107 Resp: 316162  
Ion Ratio Lower Upper  
107 100  
108 112.0 91.7 137.5  
77 46.5 33.8 50.8  
79 44.9 33.8 50.8



#18  
Hexachloroethane  
Concen: 31.918 ng  
RT: 7.31 min Scan# 888  
Delta R.T. -0.01 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

Tgt Ion:117 Resp: 126040  
Ion Ratio Lower Upper  
117 100  
119 95.7 75.8 113.8  
201 82.5 75.7 113.5

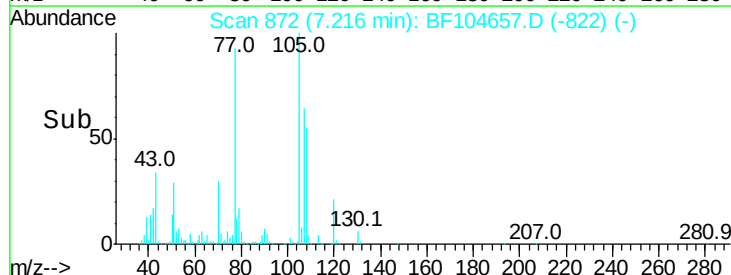
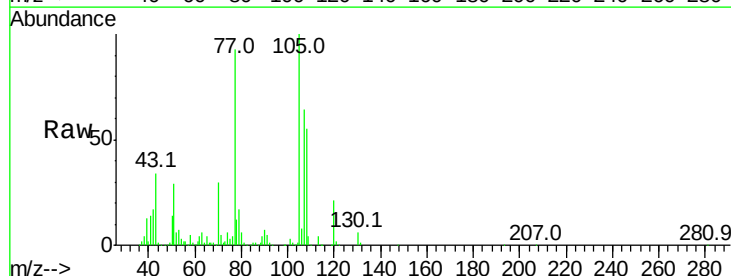
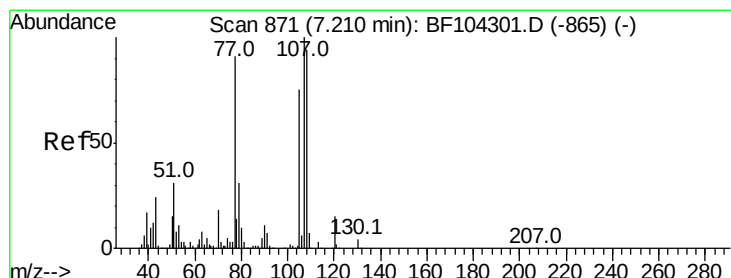
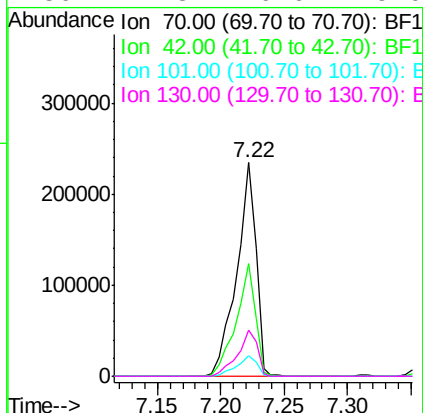




#19  
n-Nitroso-di-n-propylamine  
Concen: 32.948 ng  
RT: 7.22 min Scan# 873  
Delta R.T. -0.01 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

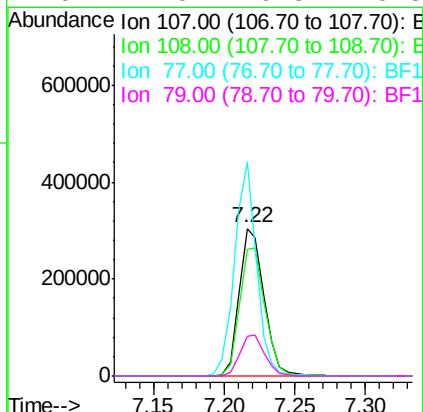
Instrument :  
BNA\_F  
ClientSampleId :

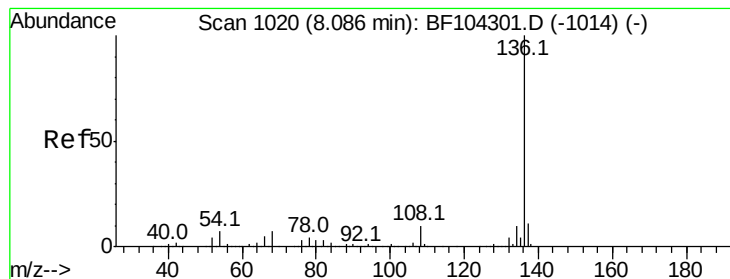
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 52.5  | 47.5  | 71.3  |
| 101     | 9.7   | 7.4   | 11.2  |
| 130     | 21.3  | 16.6  | 25.0  |



#20  
3+4-Methylphenols  
Concen: 35.240 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.01 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 85.8  | 68.2  | 108.2 |
| 77      | 144.6 | 26.7  | 66.7# |
| 79      | 27.0  | 6.3   | 46.3  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampled :

Tot Ion:136 Resp: 575298

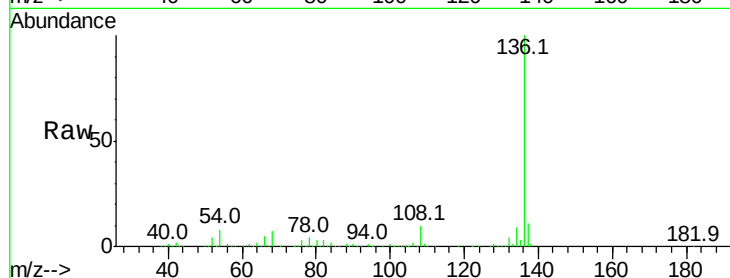
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.7 6.6 9.8

68 6.8 5.0 7.4

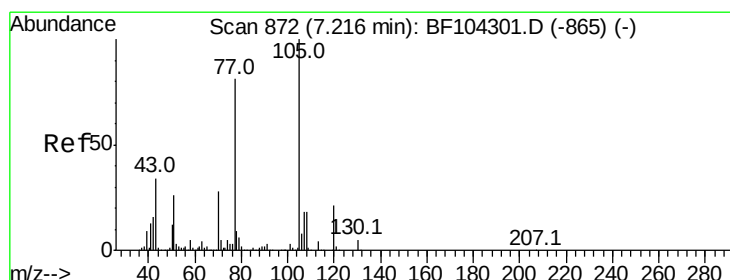
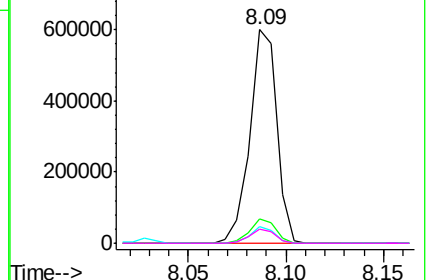
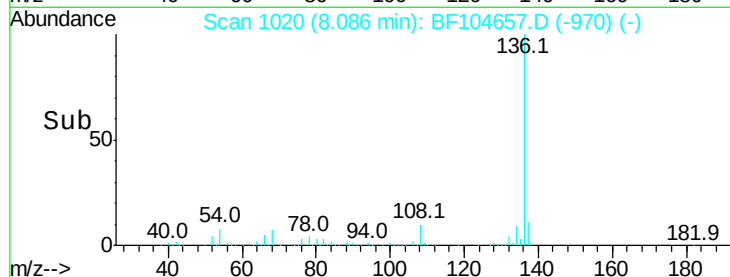


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.872 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tgt Ion:105 Resp: 493912

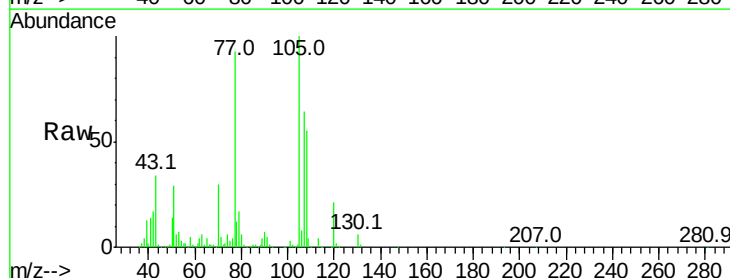
Ion Ratio Lower Upper

105 100

71 5.0 4.4 6.6

51 29.1 22.3 33.5

120 20.7 16.9 25.3

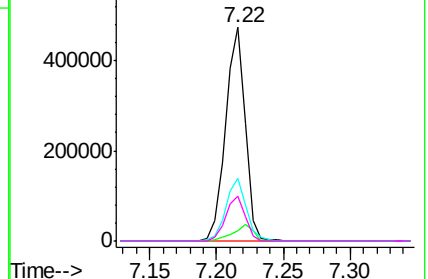
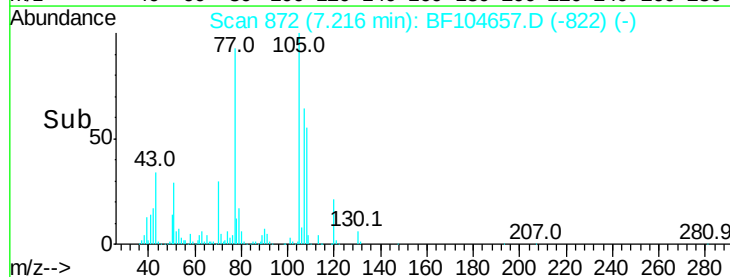


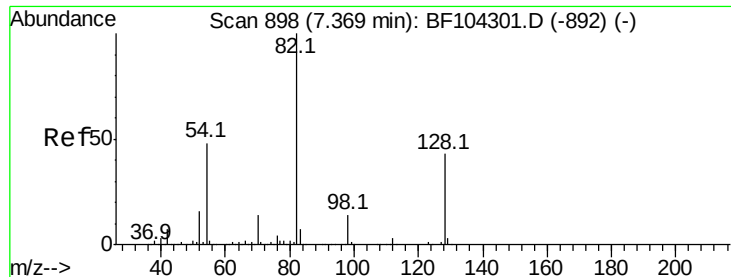
Abundance Ion 105.00 (104.70 to 105.70): E

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: 87.686 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampleId :

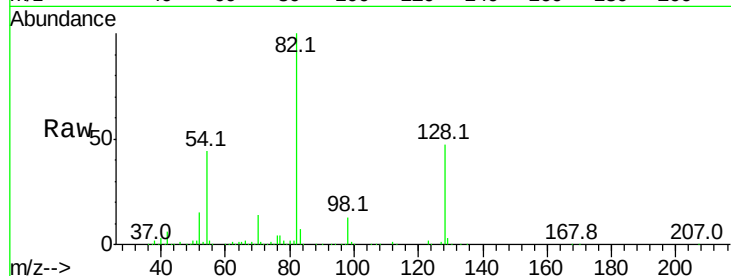
Tot Ion: 82 Resp: 772546

Ion Ratio Lower Upper

82 100

128 46.9 36.1 54.1

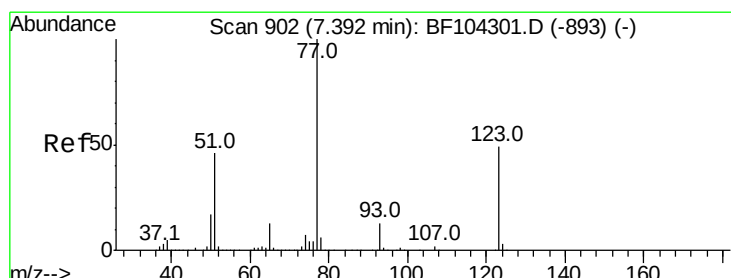
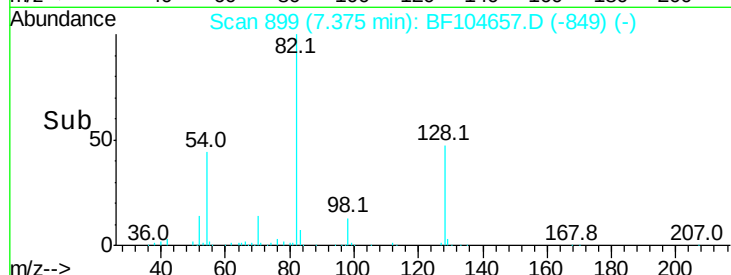
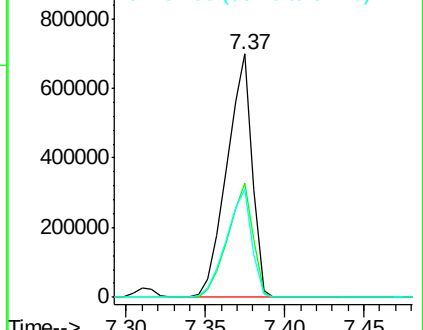
54 44.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 39.908 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

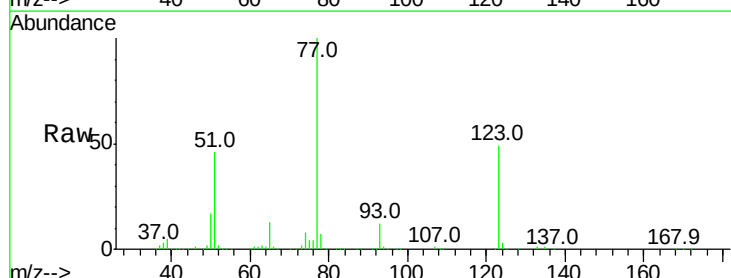
Tgt Ion: 77 Resp: 388197

Ion Ratio Lower Upper

77 100

123 48.9 37.9 56.9

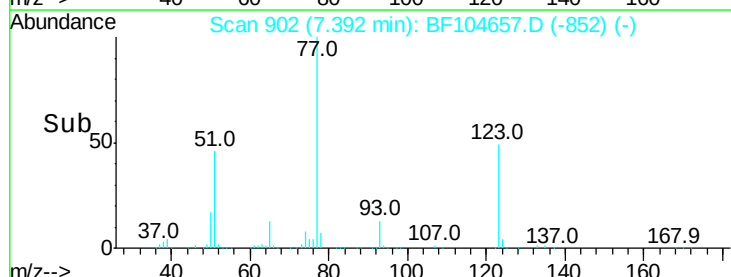
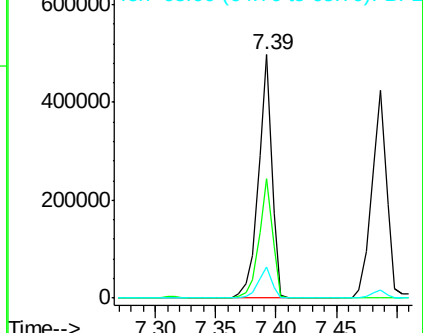
65 12.9 11.0 16.4



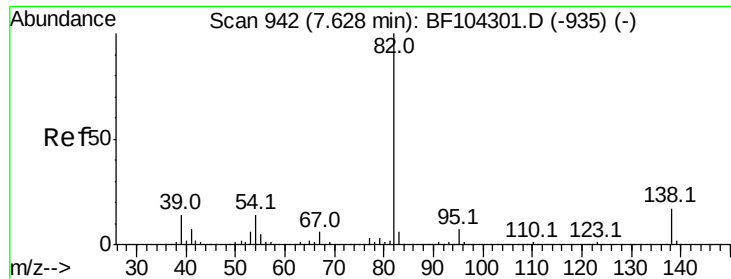
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1







#25

Isophorone

Concen: 37.831 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampleId :

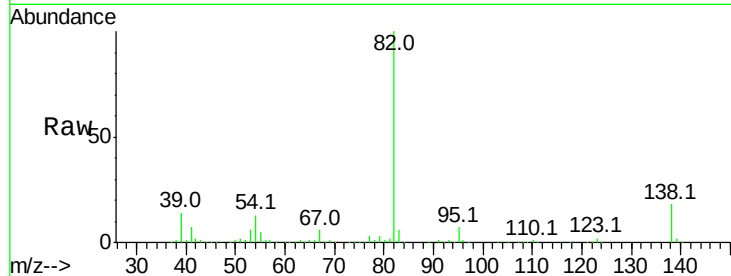
Tot Ion: 82 Resp: 704818

Ion Ratio Lower Upper

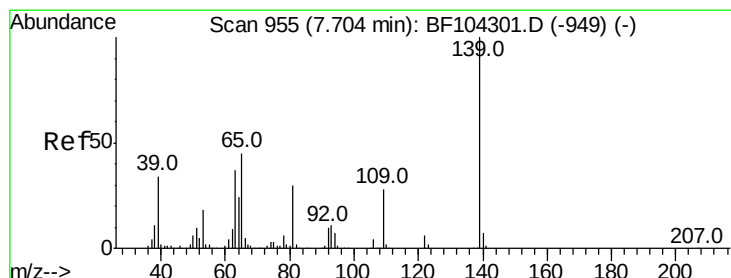
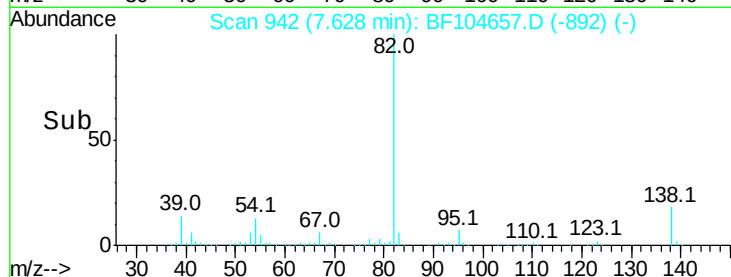
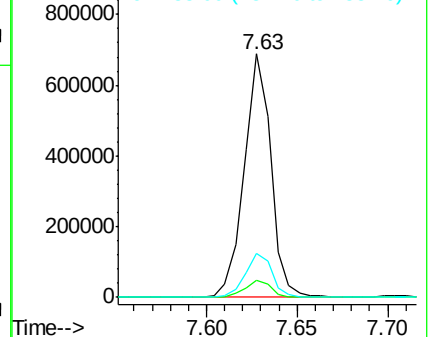
82 100

95 6.9 5.2 7.8

138 17.8 14.9 22.3



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: 49.318 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

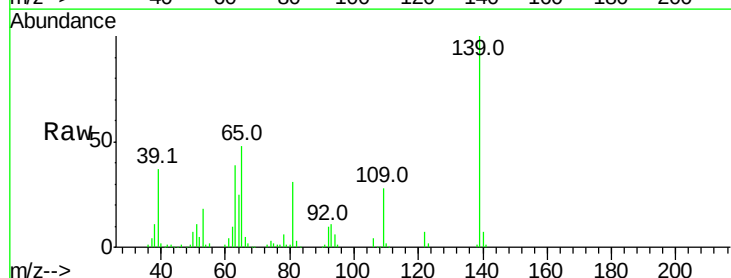
Tgt Ion: 139 Resp: 195299

Ion Ratio Lower Upper

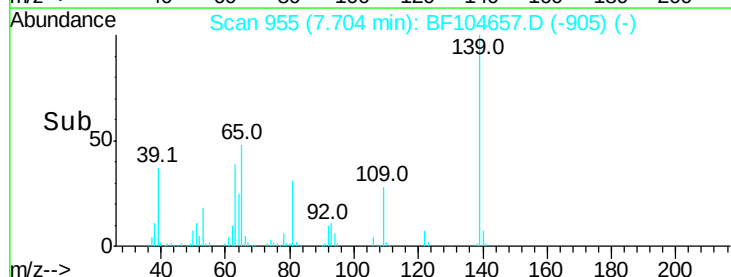
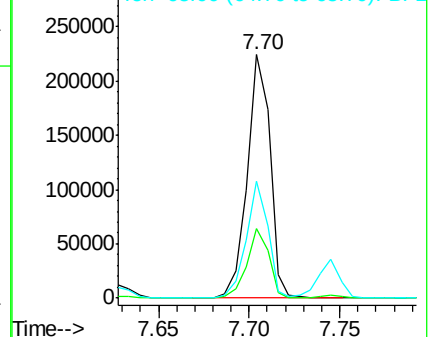
139 100

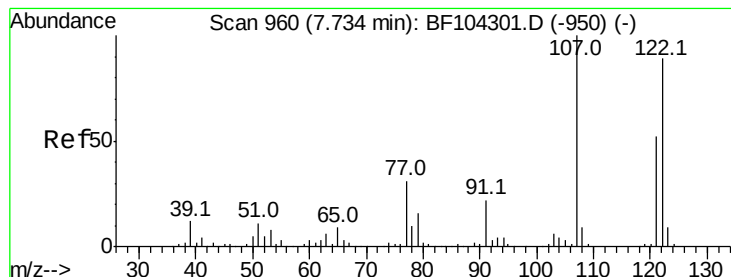
109 28.4 22.7 34.1

65 48.1 40.5 60.7



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

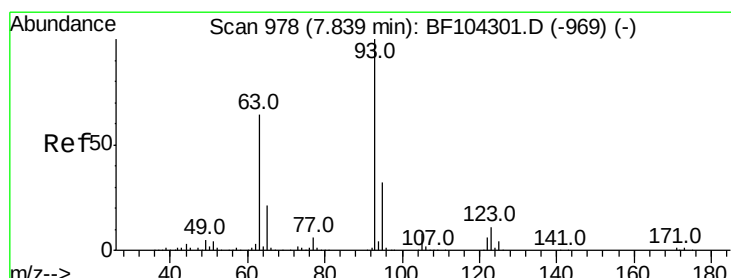
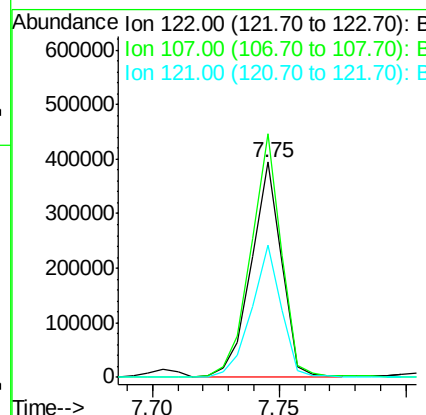
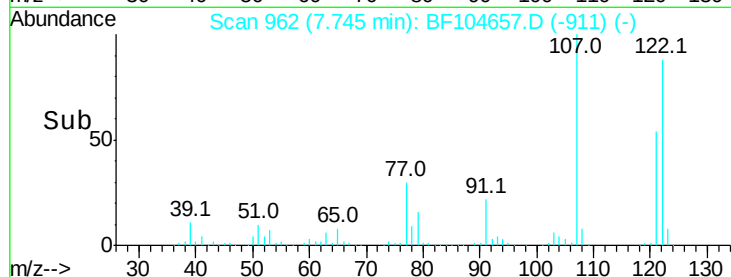
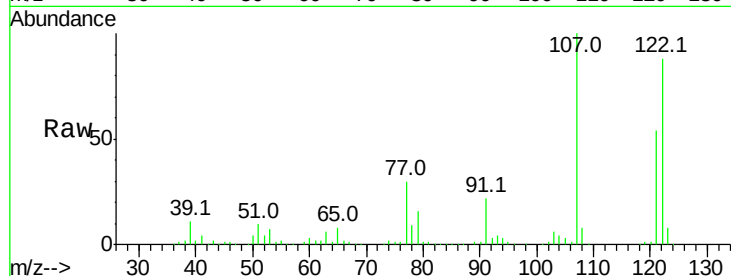




#27  
 2,4-Dimethylphenol  
 Concen: 40.410 ng  
 RT: 7.75 min Scan# 962  
 Delta R.T. 0.00 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

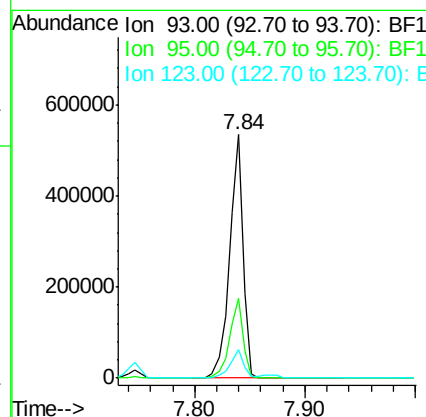
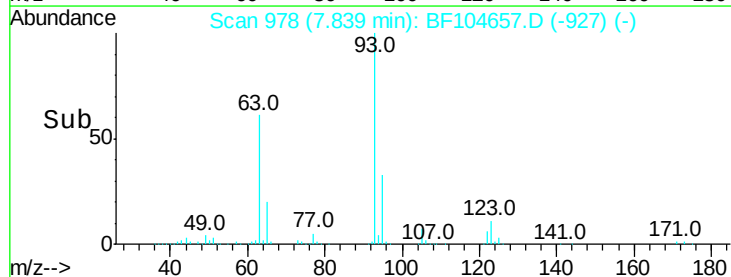
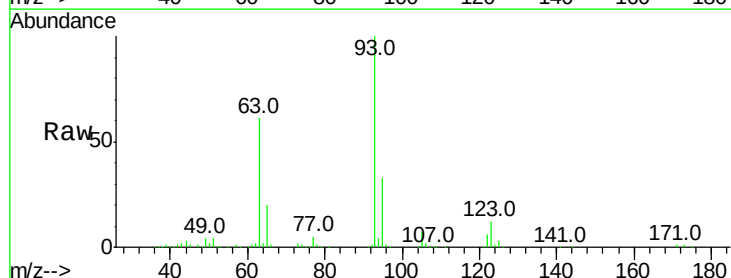
Instrument :  
 BNA\_F  
 ClientSampleID :

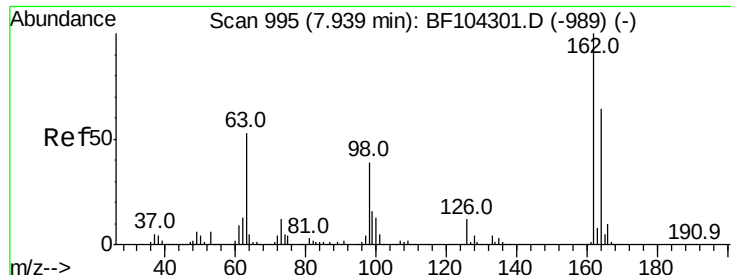
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 113.0 | 91.2  | 136.8 |
| 121     | 61.3  | 47.2  | 70.8  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.277 ng  
 RT: 7.84 min Scan# 978  
 Delta R.T. 0.00 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.3  | 39.5  |
| 123     | 11.6  | 9.8   | 14.6  |

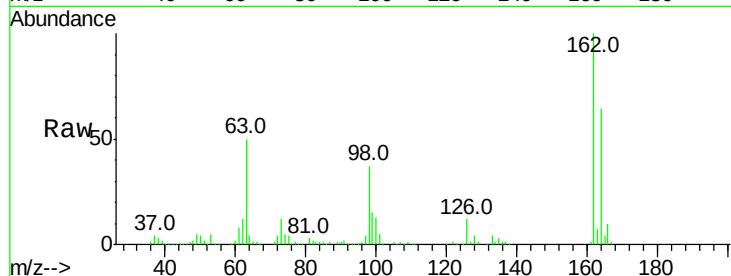




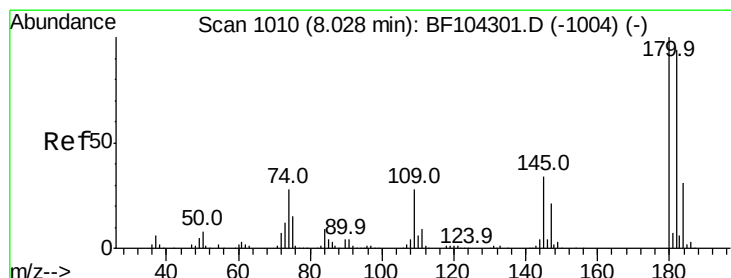
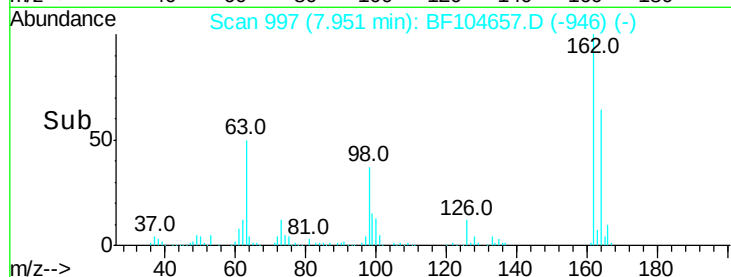
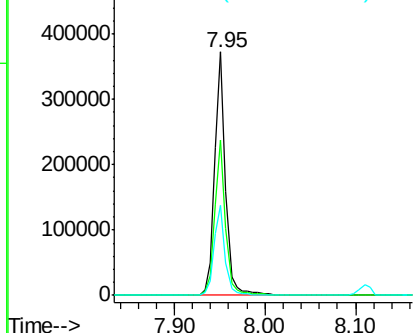
#29  
2,4-Dichlorophenol  
Concen: 39.997 ng  
RT: 7.95 min Scan# 997  
Delta R.T. 0.00 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.6  | 42.7  | 82.7  |
| 98      | 36.8  | 18.1  | 58.1  |

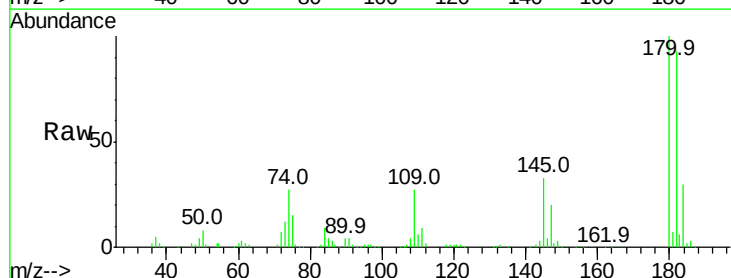


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

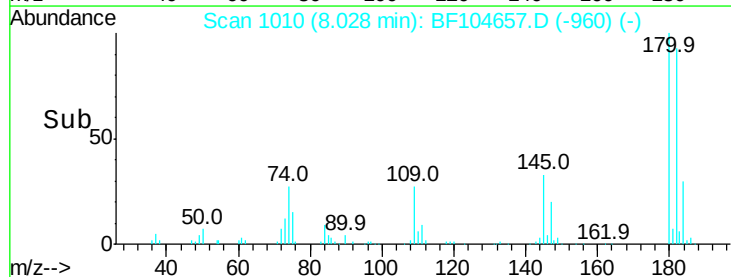
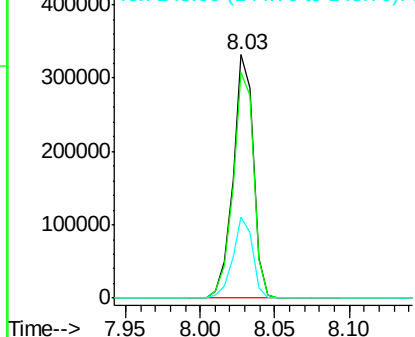


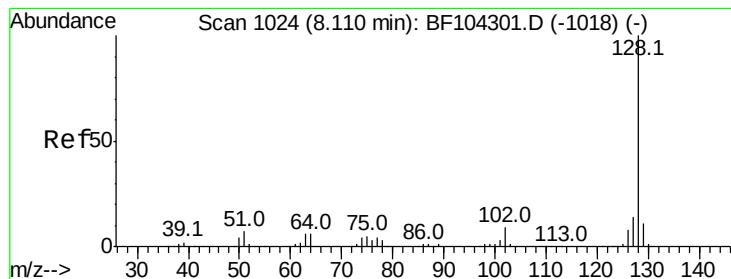
#30  
1,2,4-Trichlorobenzene  
Concen: 36.840 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. -0.01 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.8  | 76.8  | 115.2 |
| 145     | 33.4  | 26.5  | 39.7  |



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: 36.680 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampleId :

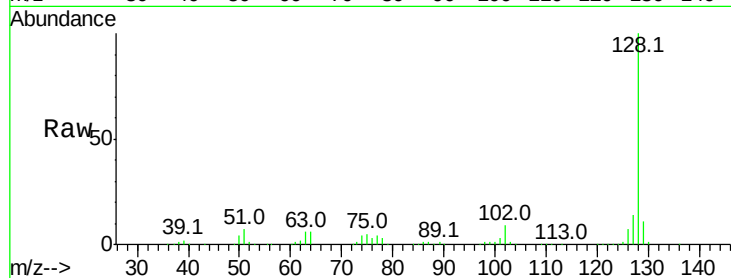
Tot Ion:128 Resp: 1050750

Ion Ratio Lower Upper

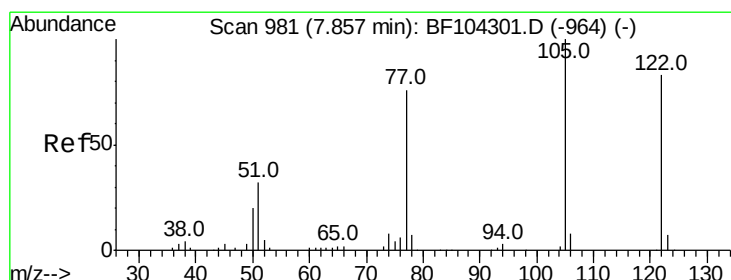
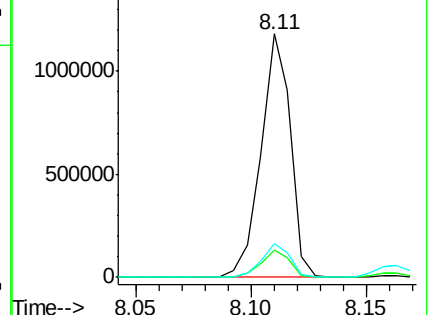
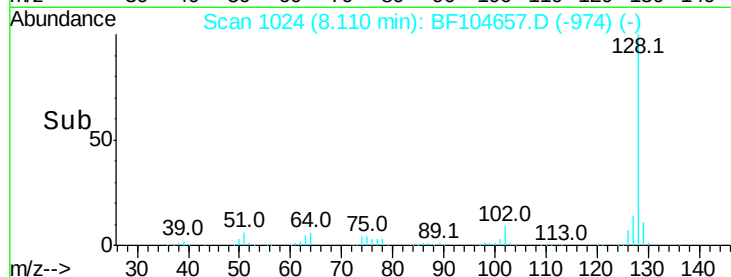
128 100

129 11.2 8.8 13.2

127 13.7 10.9 16.3



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



#32

Benzoic acid

Concen: 34.167 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

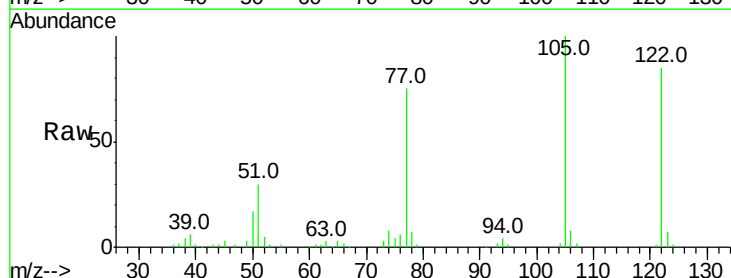
Tgt Ion:122 Resp: 224151

Ion Ratio Lower Upper

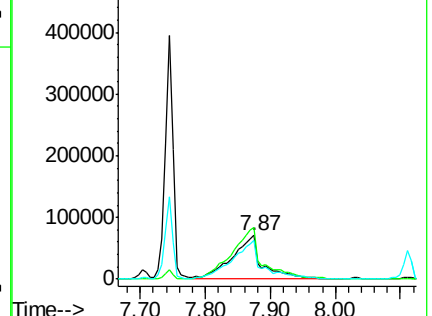
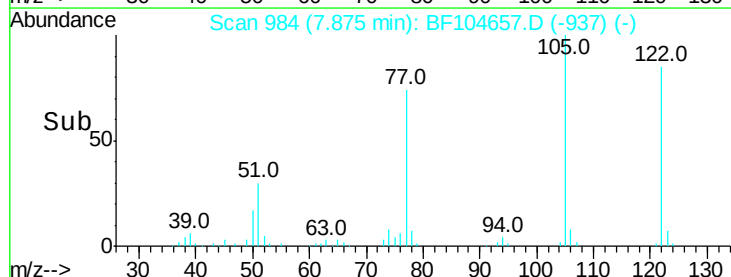
122 100

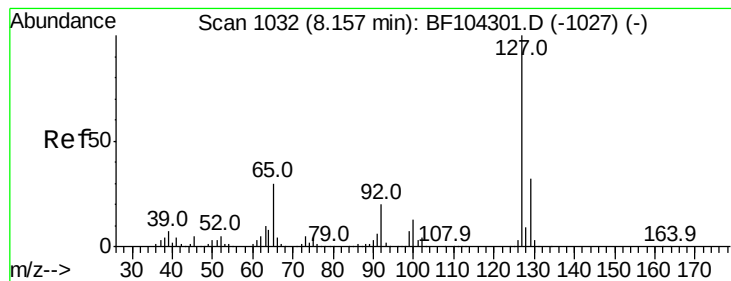
105 117.4 101.1 141.1

77 87.6 70.7 110.7



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





#33

4-Chloroaniline

Concen: 6.559 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:127 Resp: 80501

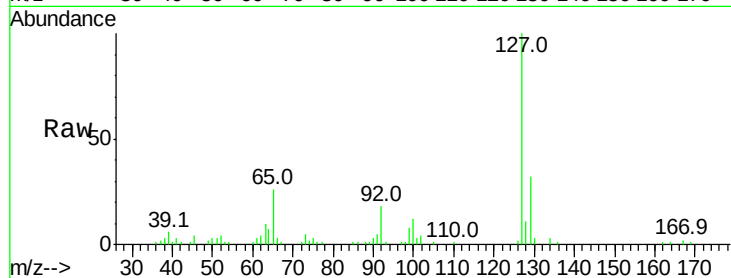
Ion Ratio Lower Upper

127 100

129 31.8 25.9 38.9

65 26.1 25.0 37.4

92 17.7 15.2 22.8

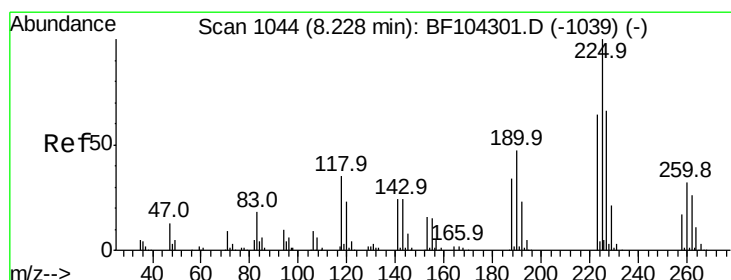
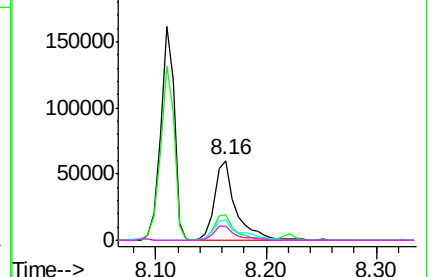
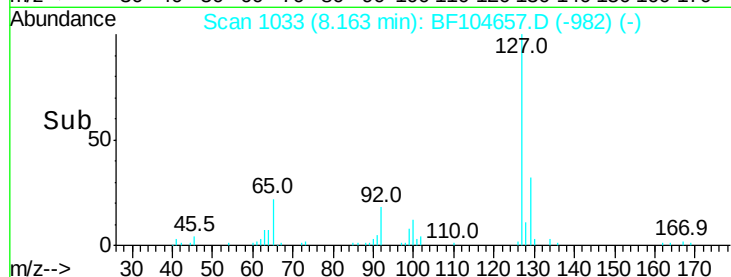


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 35.584 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

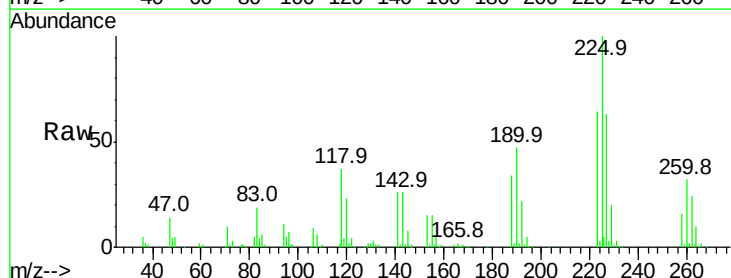
Tgt Ion:225 Resp: 167813

Ion Ratio Lower Upper

225 100

223 63.5 50.6 76.0

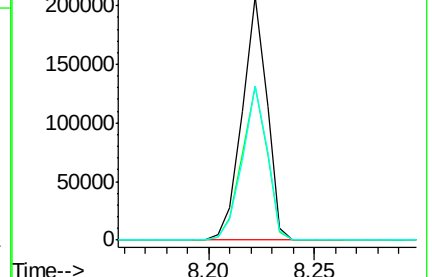
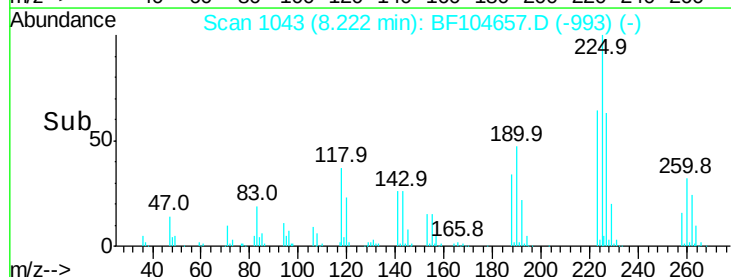
227 63.2 51.9 77.9

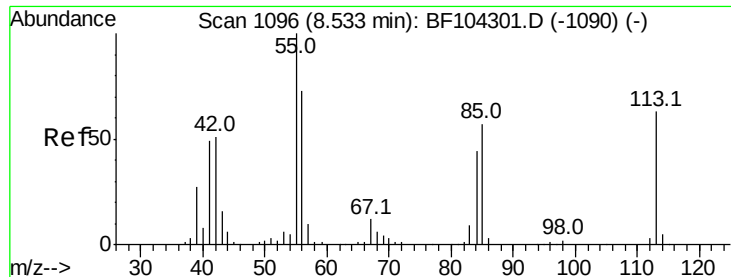


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.495 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampleId :

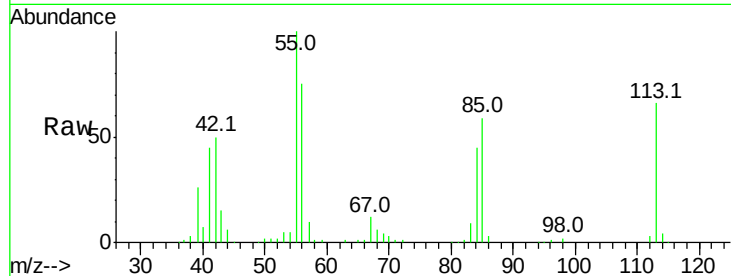
Tot Ion:113 Resp: 102619

Ion Ratio Lower Upper

113 100

55 152.3 163.3 203.3#

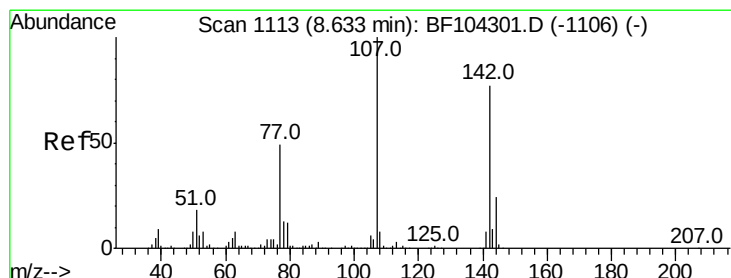
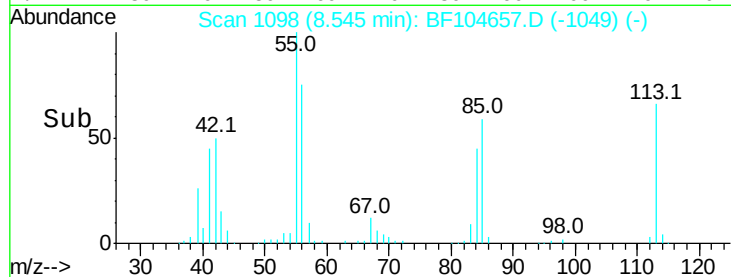
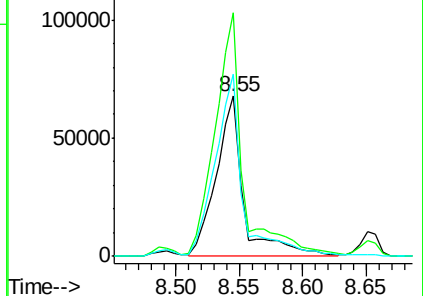
56 113.7 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.660 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

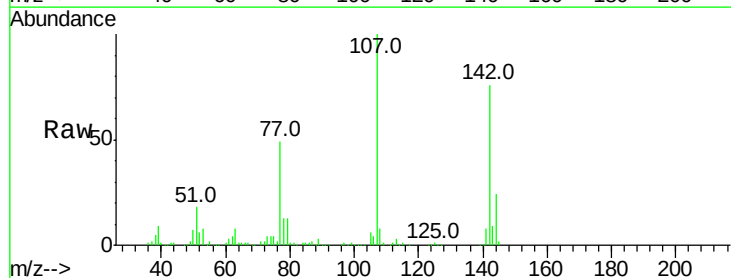
Tgt Ion:107 Resp: 333628

Ion Ratio Lower Upper

107 100

144 24.5 20.5 30.7

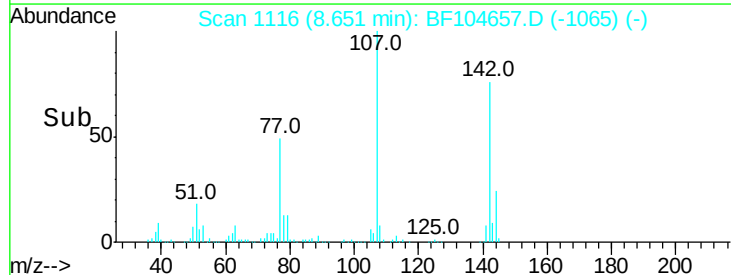
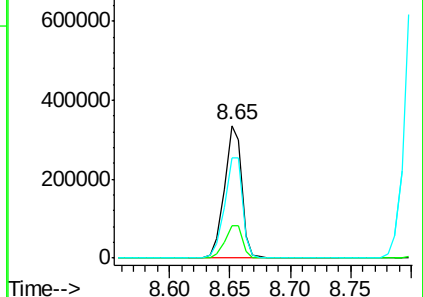
142 76.0 62.0 93.0

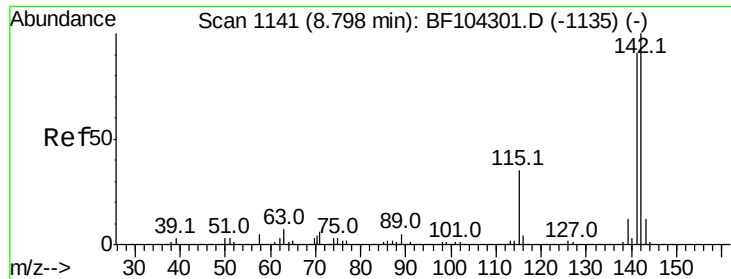


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

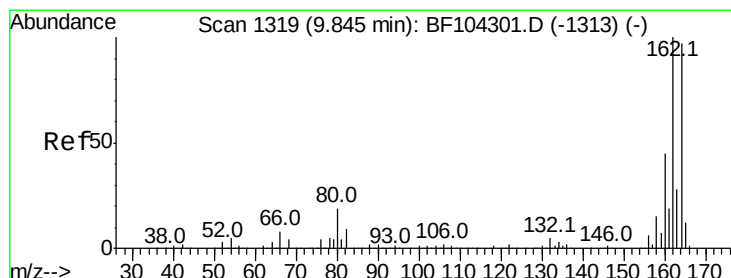
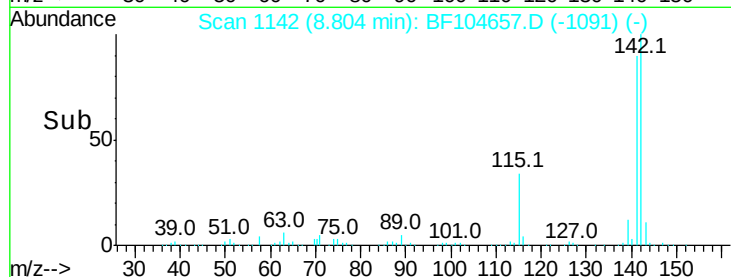
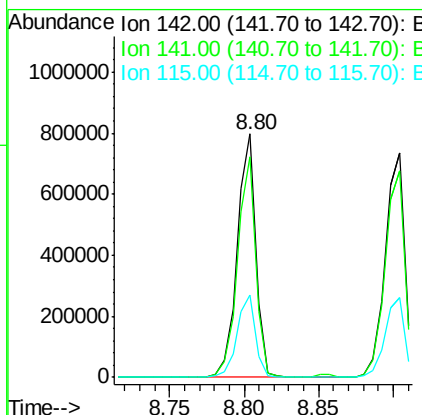
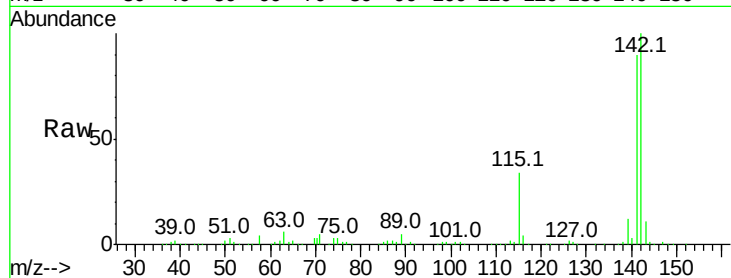




#37  
 2-Methylnaphthalene  
 Concen: 37.539 ng  
 RT: 8.80 min Scan# 1142  
 Delta R.T. 0.00 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

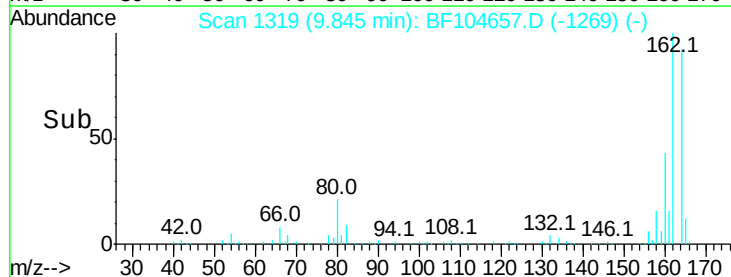
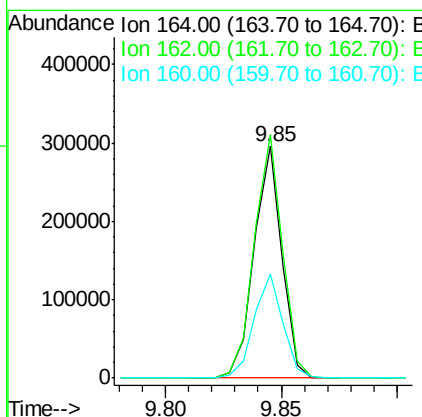
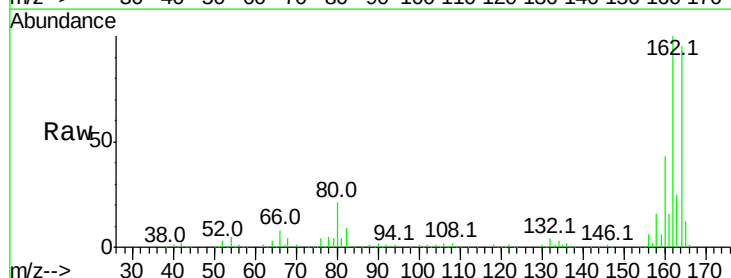
Instrument :  
 BNA\_F  
 ClientSampleId :

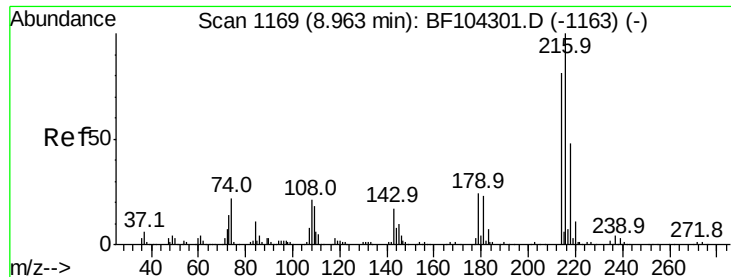
Tot Ion:142 Resp: 695600  
 Ion Ratio Lower Upper  
 142 100  
 141 90.4 70.8 106.2  
 115 33.9 26.1 39.1



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.85 min Scan# 1319  
 Delta R.T. -0.01 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

Tgt Ion:164 Resp: 248940  
 Ion Ratio Lower Upper  
 164 100  
 162 105.0 86.1 129.1  
 160 45.0 38.3 57.5

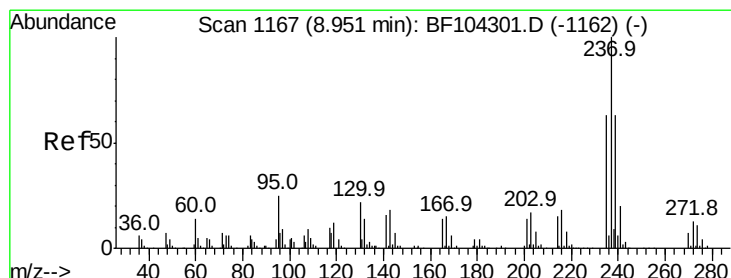
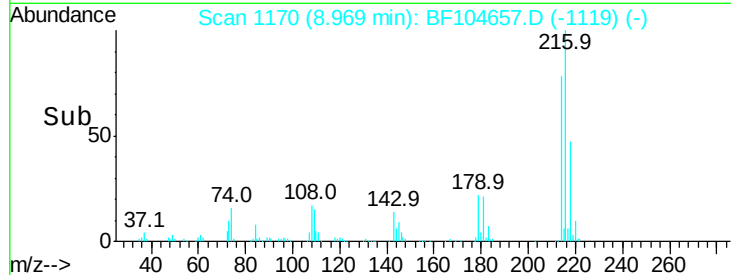
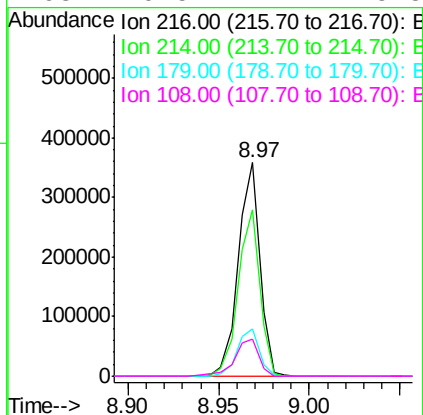
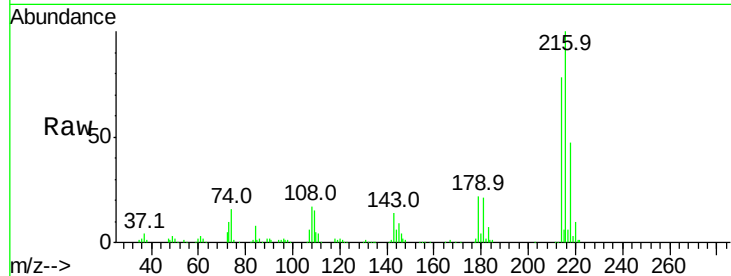




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.786 ng  
 RT: 8.97 min Scan# 1170  
 Delta R.T. 0.00 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

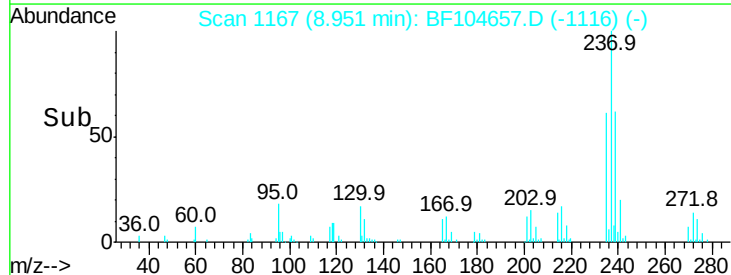
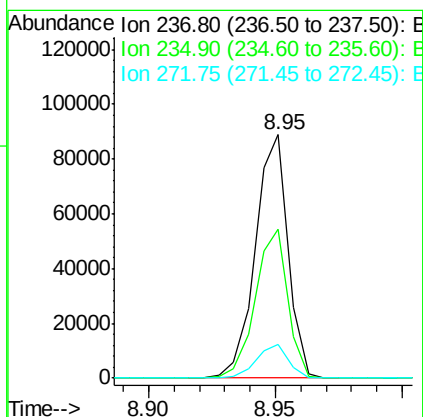
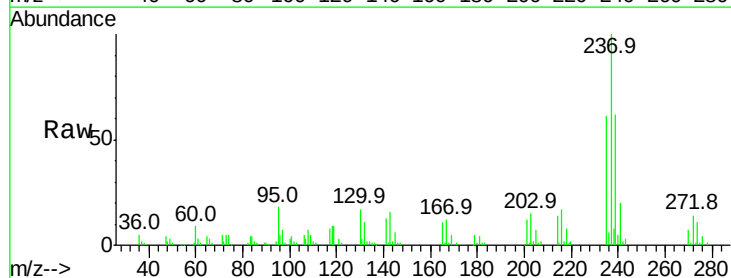
Instrument :  
 BNA\_F  
 ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 297769 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.2  | 63.0  | 94.4   |
| 179      | 22.6  | 18.1  | 27.1   |
| 108      | 19.5  | 17.2  | 25.8   |

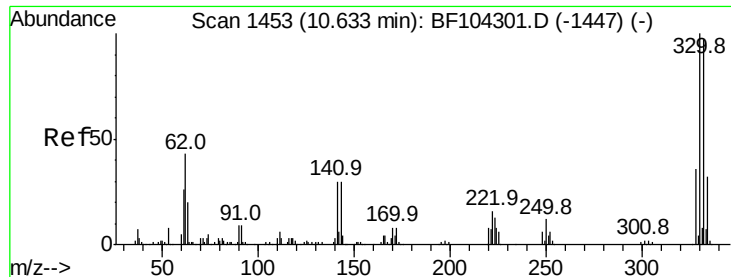


#40  
 Hexachlorocyclopentadiene  
 Concen: 19.918 ng  
 RT: 8.95 min Scan# 1167  
 Delta R.T. 0.00 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 79461 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 61.4  | 44.8  | 84.8  |
| 272      | 13.7  | 0.0   | 33.3  |



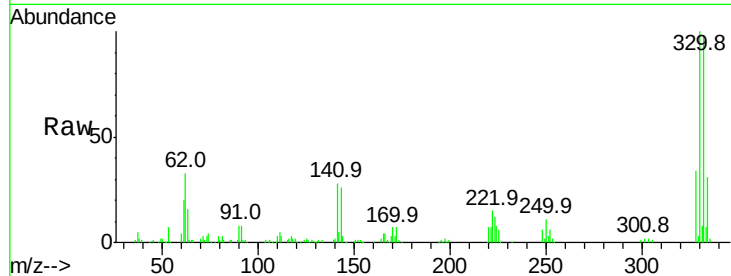




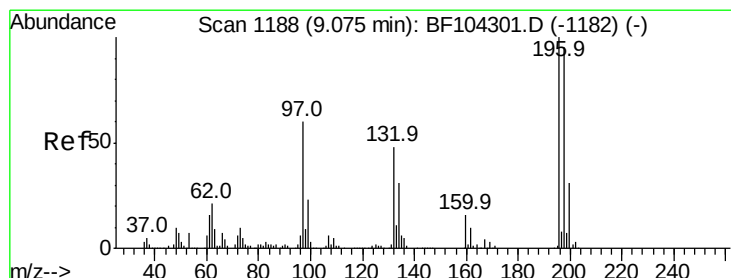
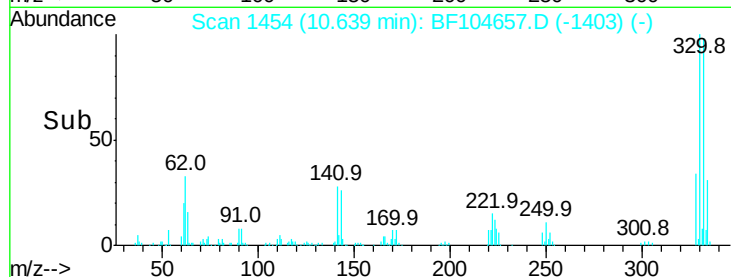
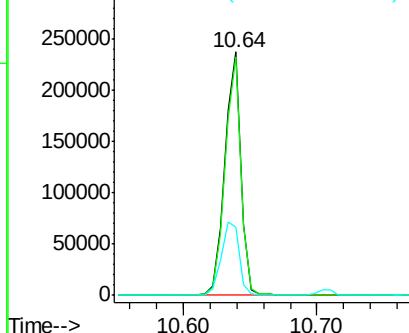
#41  
 2,4,6-Tribromophenol  
 Concen: 78.743 ng  
 RT: 10.64 min Scan# 1454  
 Delta R.T. 0.00 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.8  | 77.0  | 115.6 |
| 141     | 33.6  | 29.9  | 44.9  |

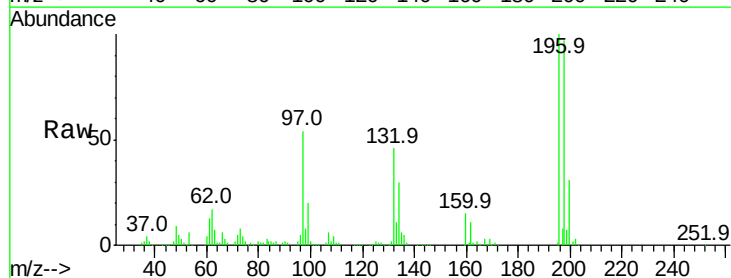


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

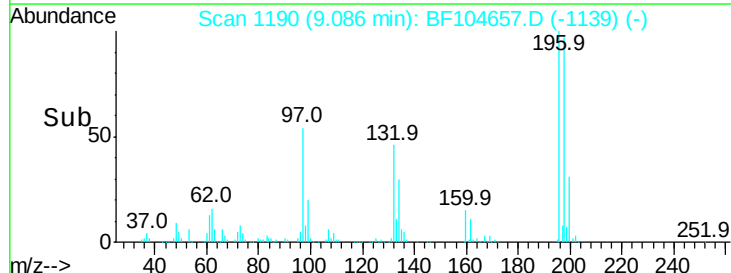
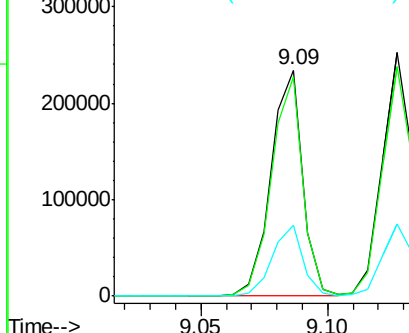


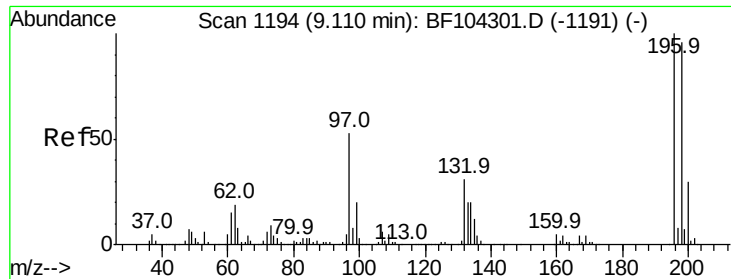
#42  
 2,4,6-Trichlorophenol  
 Concen: 41.558 ng  
 RT: 9.09 min Scan# 1190  
 Delta R.T. 0.00 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.2  | 75.7  | 113.5 |
| 200     | 31.2  | 24.5  | 36.7  |



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

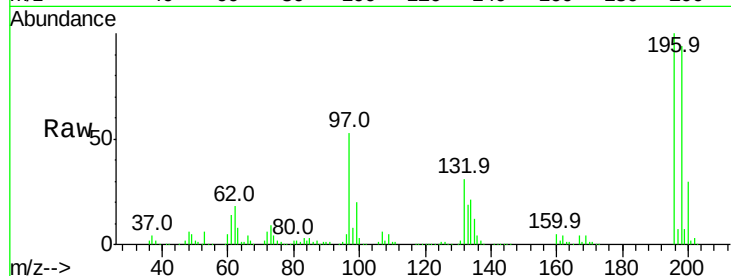




#43  
 2,4,5-Trichlorophenol  
 Concen: 39.467 ng  
 RT: 9.13 min Scan# 1197  
 Delta R.T. 0.00 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 218479 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 94.4  | 74.6  | 112.0  |
| 97       | 52.9  | 42.9  | 64.3   |
| 132      | 30.8  | 26.3  | 39.5   |



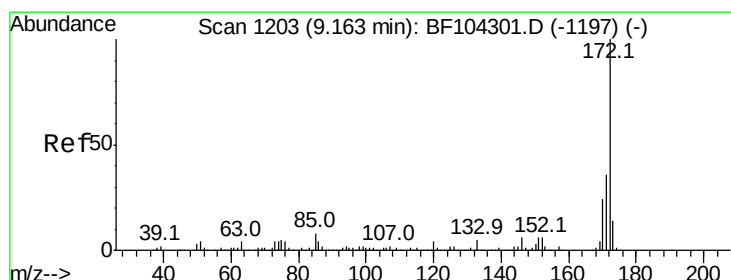
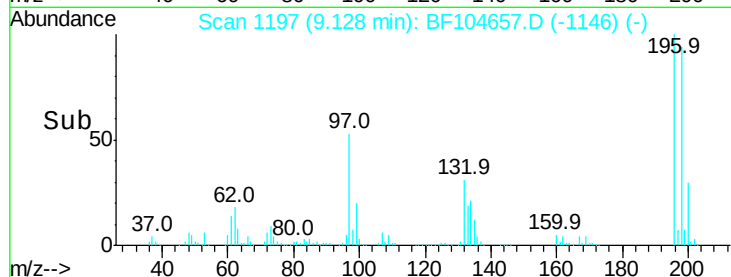
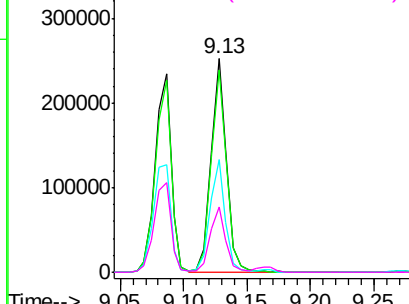
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

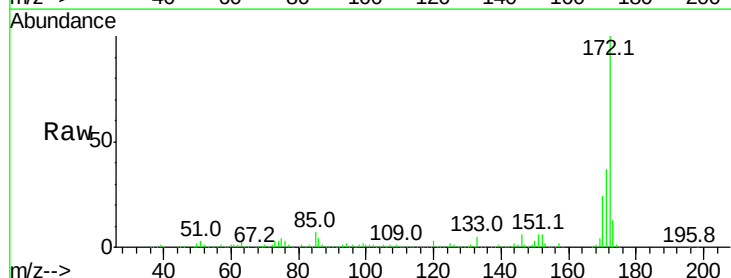
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 83.478 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. 0.00 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 1315461 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 36.7  | 29.7  | 44.5    |
| 170      | 24.2  | 19.6  | 29.4    |

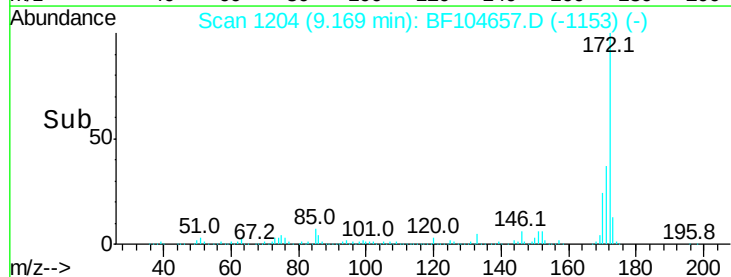
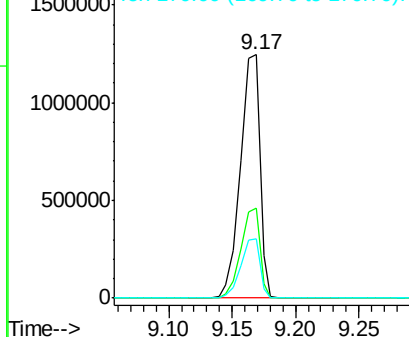


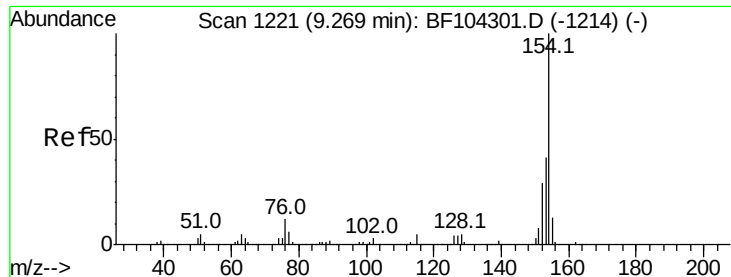
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

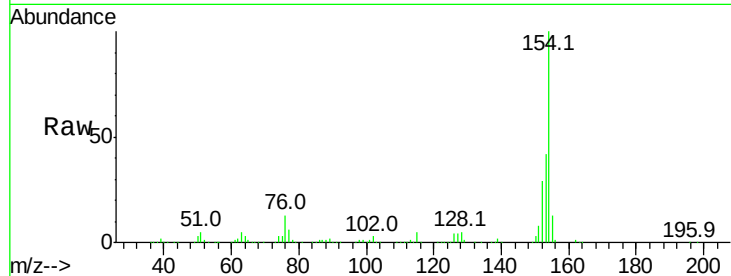




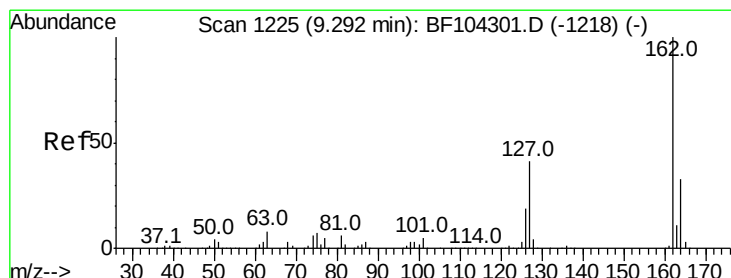
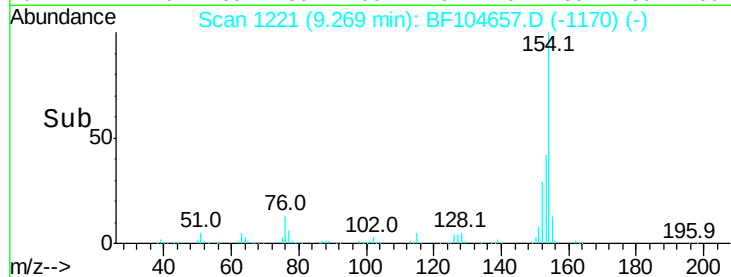
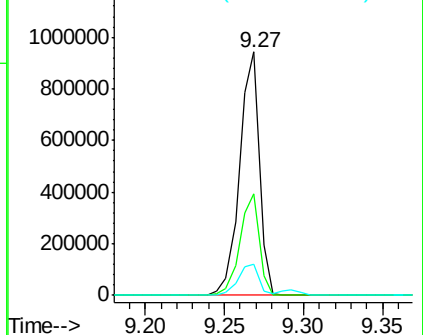
#45  
 1,1'-Biphenyl  
 Concen: 38.809 ng  
 RT: 9.27 min Scan# 1221  
 Delta R.T. 0.00 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:154 Resp: 811603  
 Ion Ratio Lower Upper  
 154 100  
 153 41.7 21.3 61.3  
 76 12.5 0.0 34.0

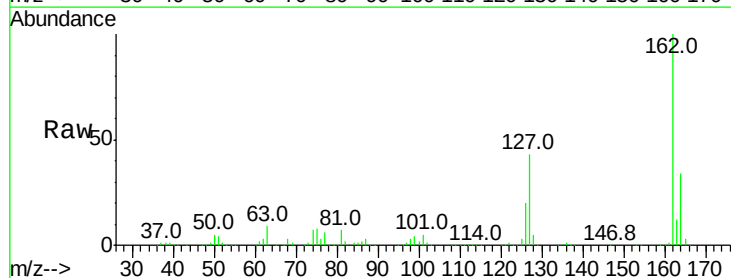


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

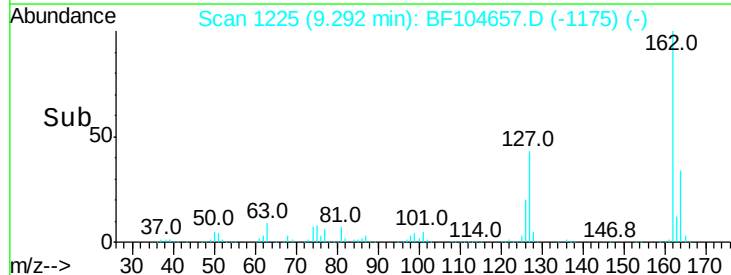
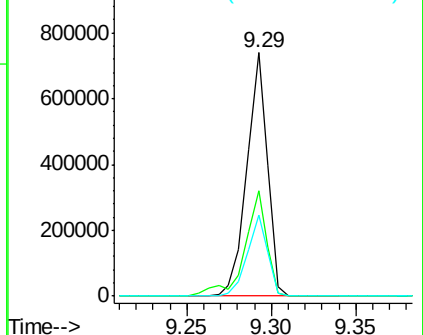


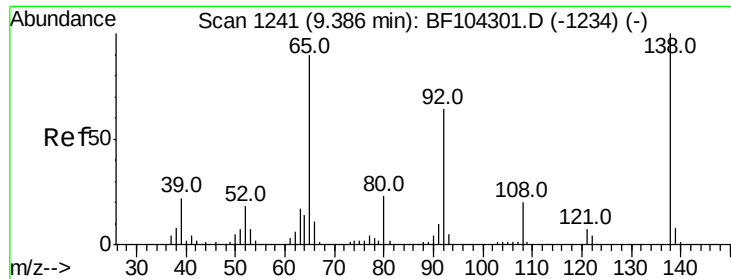
#46  
 2-Chloronaphthalene  
 Concen: 38.348 ng  
 RT: 9.29 min Scan# 1225  
 Delta R.T. -0.01 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

Tgt Ion:162 Resp: 633453  
 Ion Ratio Lower Upper  
 162 100  
 127 43.2 33.9 50.9  
 164 33.5 26.5 39.7



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

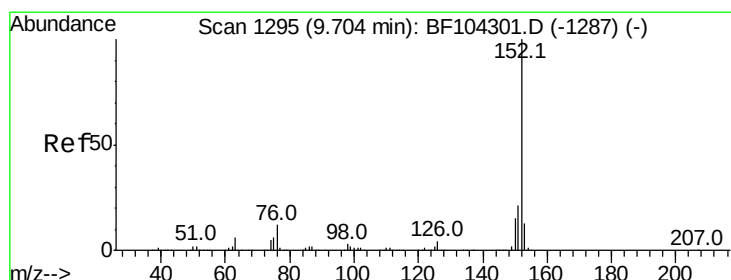
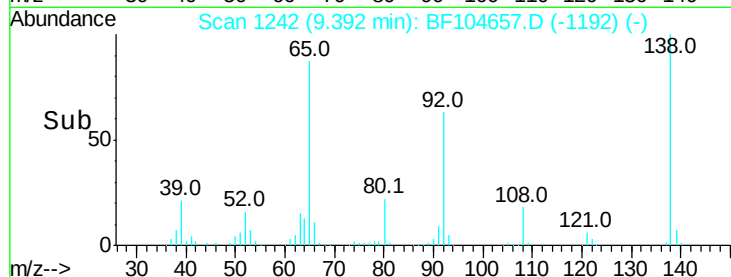
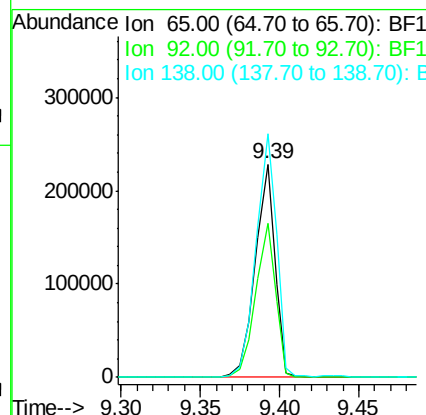
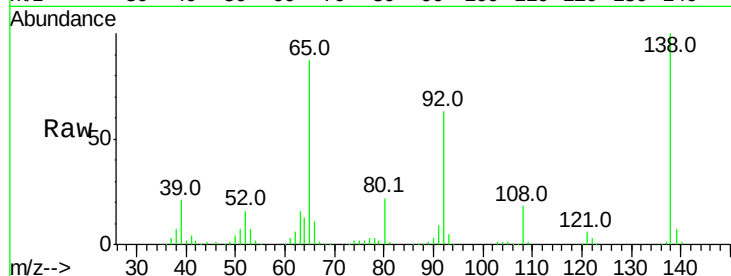




#47  
2-Nitroaniline  
Concen: 48.627 ng  
RT: 9.39 min Scan# 1242  
Delta R.T. -0.01 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

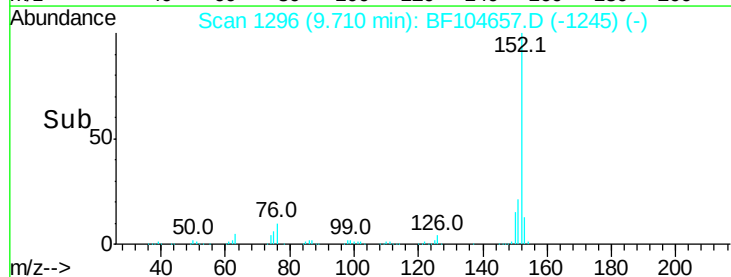
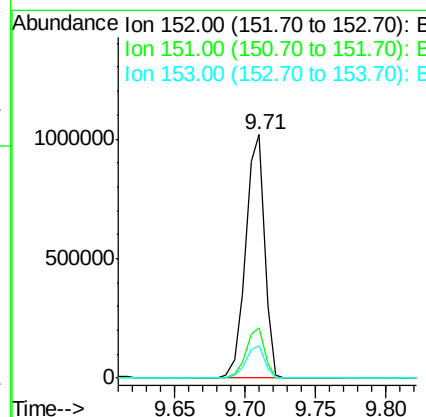
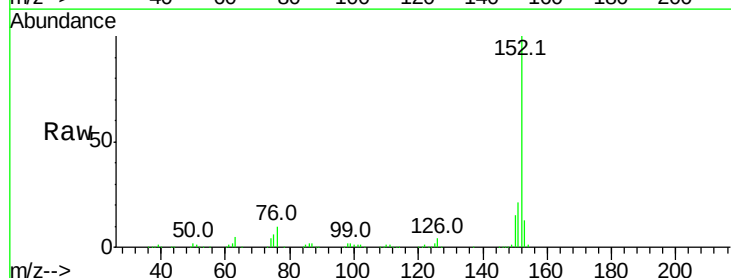
Instrument :  
BNA\_F  
ClientSampleId :

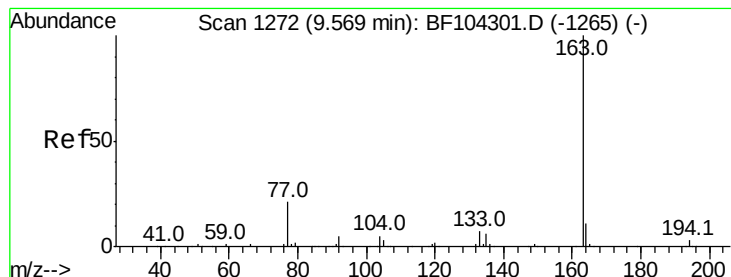
Tot Ion: 65 Resp: 198639  
Ion Ratio Lower Upper  
65 100  
92 72.3 55.8 83.6  
138 114.4 91.2 136.8



#48  
Acenaphthylene  
Concen: 36.637 ng  
RT: 9.71 min Scan# 1296  
Delta R.T. 0.00 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

Tgt Ion:152 Resp: 949508  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.3 24.5  
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 39.895 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampleId :

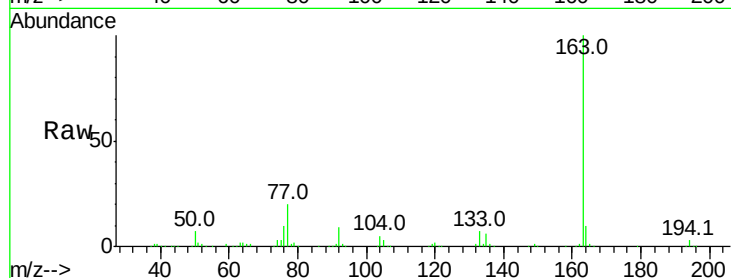
Tot Ion:163 Resp: 783178

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

164 10.0 8.2 12.2

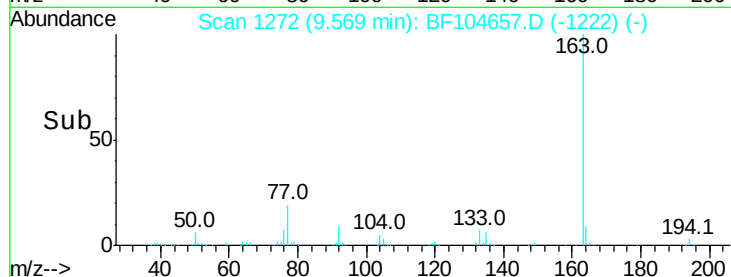


Abundance Ion 163.00 (162.70 to 163.70): E

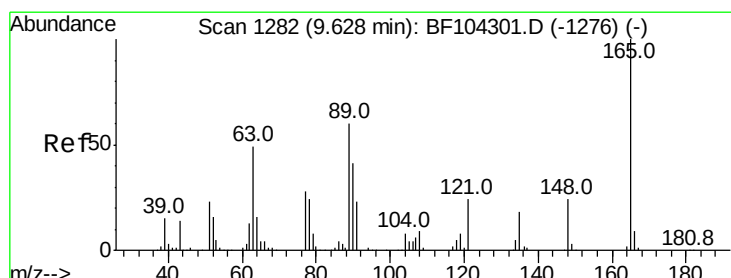
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#50

2,6-Dinitrotoluene

Concen: 46.346 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

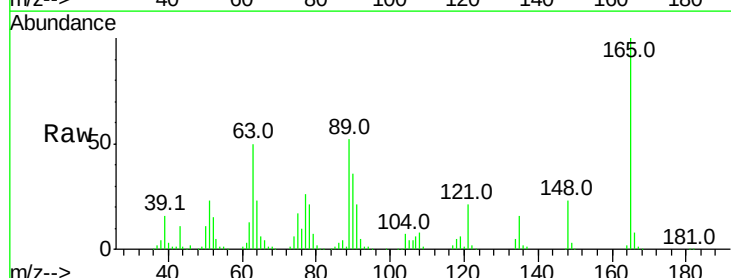
Tgt Ion:165 Resp: 168352

Ion Ratio Lower Upper

165 100

63 49.7 44.7 67.1

89 52.4 44.0 66.0

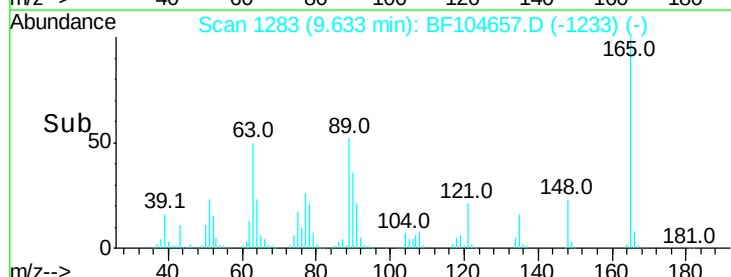


Abundance Ion 165.00 (164.70 to 165.70): E

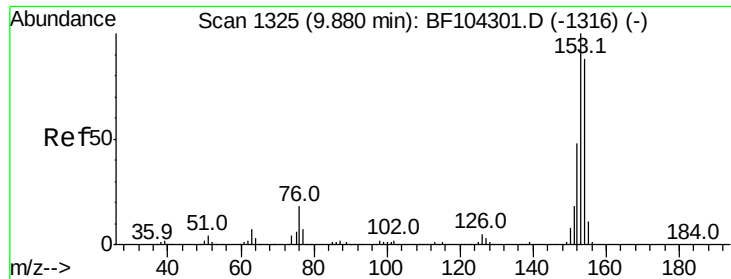
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#51

Acenaphthene

Concen: 34.617 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampled :

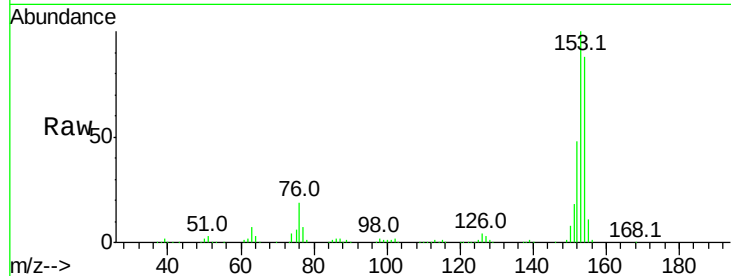
Tot Ion:154 Resp: 547390

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

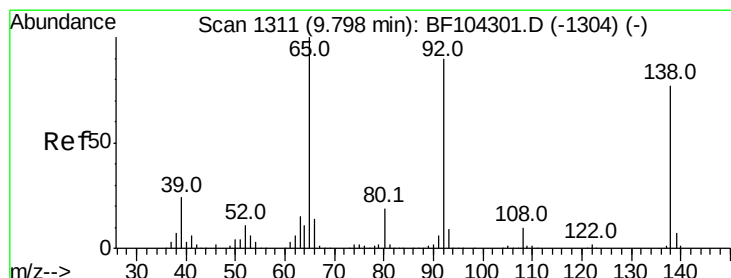
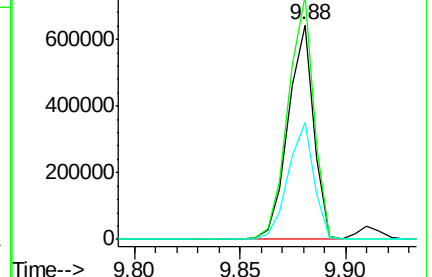
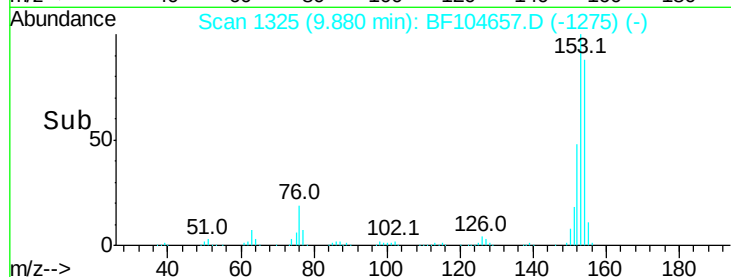
152 54.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.478 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

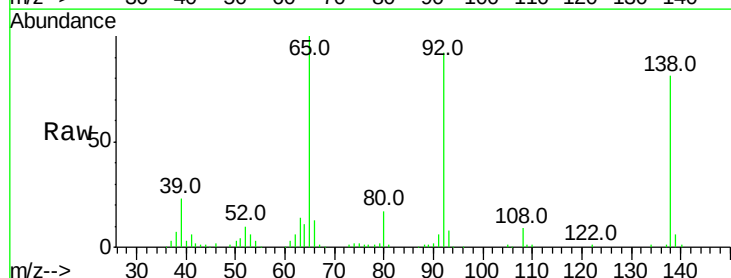
Tgt Ion:138 Resp: 87085

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

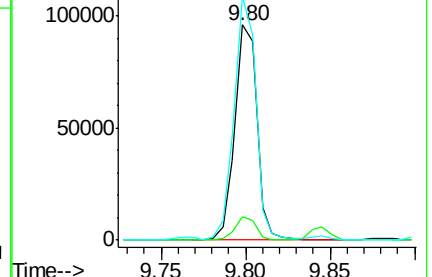
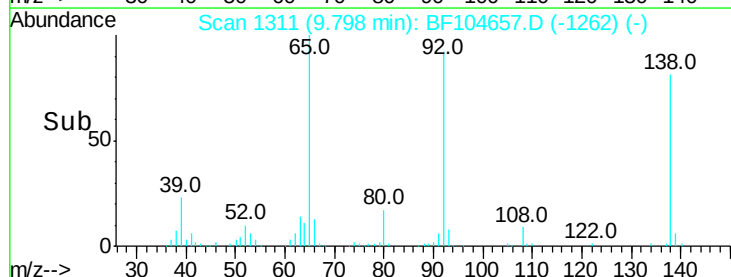
92 113.1 89.4 134.2

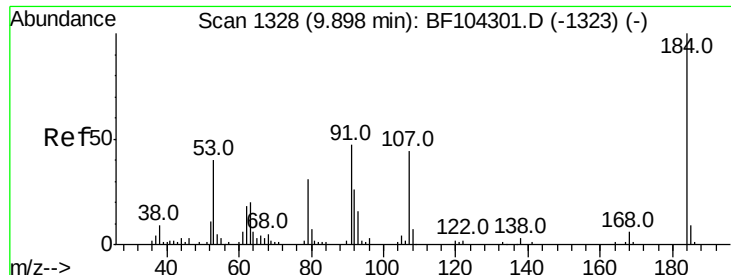


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

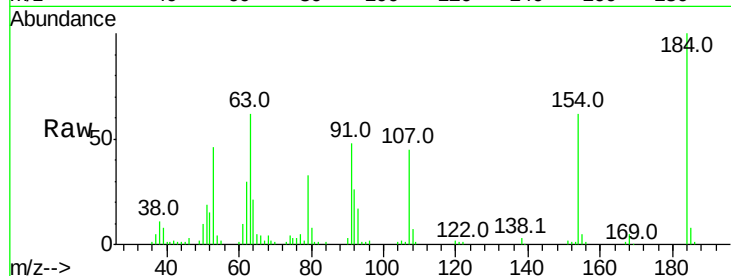




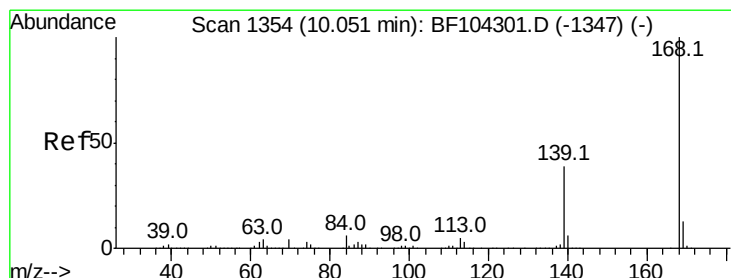
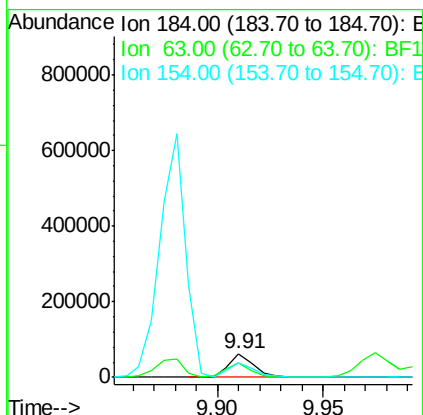
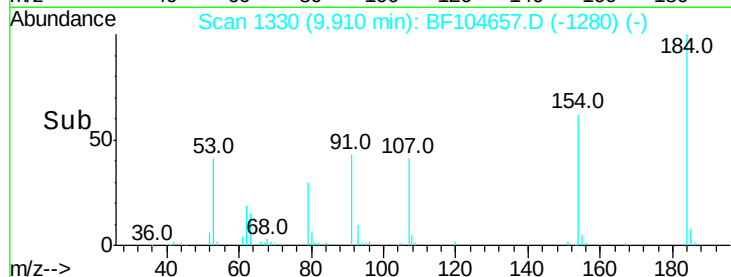
#53  
 2,4-Dinitrophenol  
 Concen: 44.706 ng  
 RT: 9.91 min Scan# 1330  
 Delta R.T. -0.01 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:184 Resp: 51937  
 Ion Ratio Lower Upper  
 184 100  
 63 61.6 54.2 81.2  
 154 62.5 184.0 276.0#

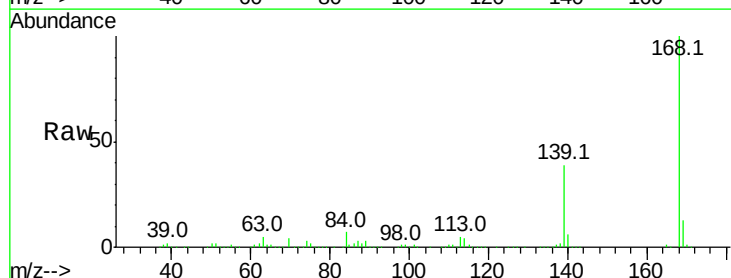


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 154.00 (153.70 to 154.70): E

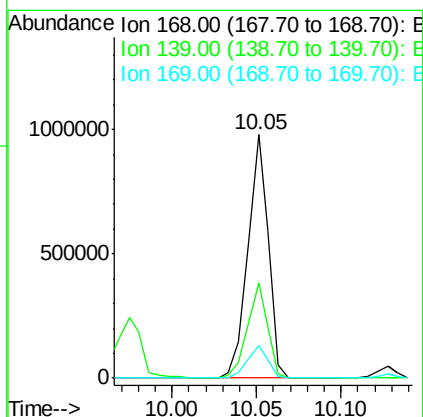
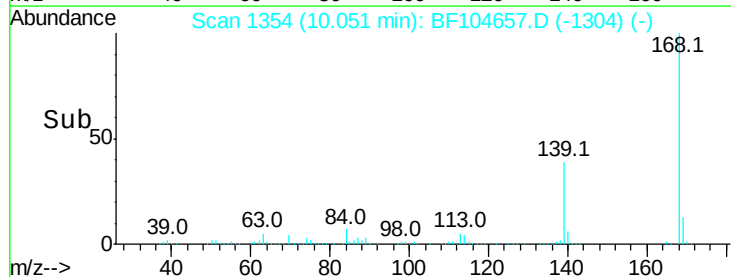


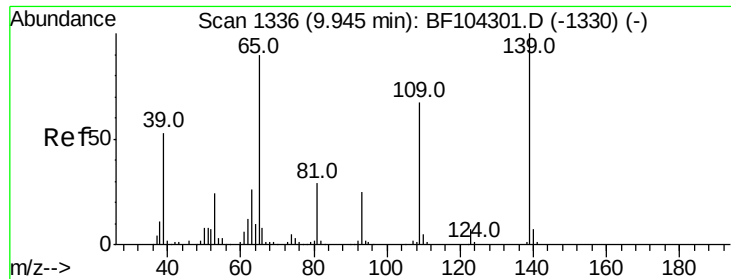
#54  
 Dibenzofuran  
 Concen: 37.672 ng  
 RT: 10.05 min Scan# 1354  
 Delta R.T. -0.01 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

Tgt Ion:168 Resp: 830169  
 Ion Ratio Lower Upper  
 168 100  
 139 39.3 30.1 45.1  
 169 13.4 10.9 16.3



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





#55

4-Nitrophenol

Concen: 76.435 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampleId :

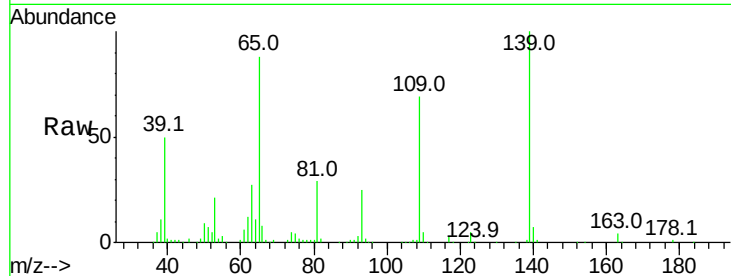
Tot Ion:139 Resp: 255331

Ion Ratio Lower Upper

139 100

109 68.6 48.4 88.4

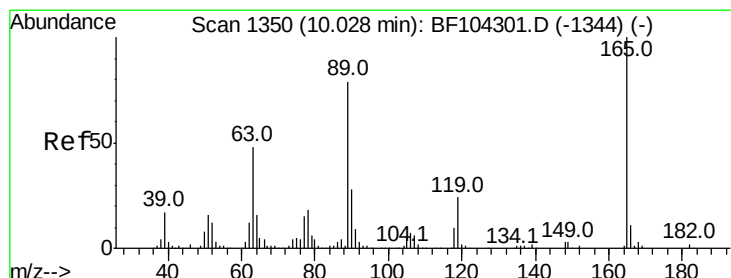
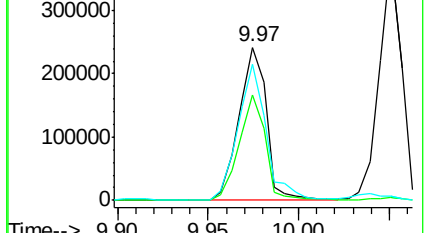
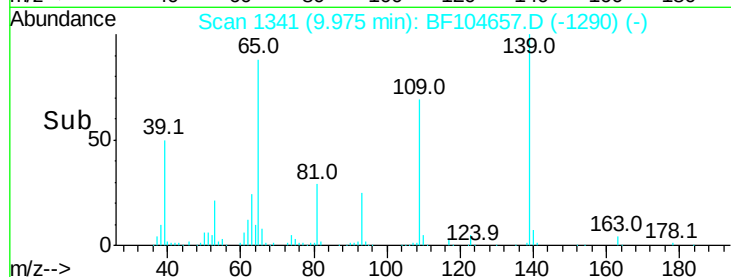
65 88.5 72.6 112.6



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



#56

2,4-Dinitrotoluene

Concen: 43.463 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tgt Ion:165 Resp: 207091

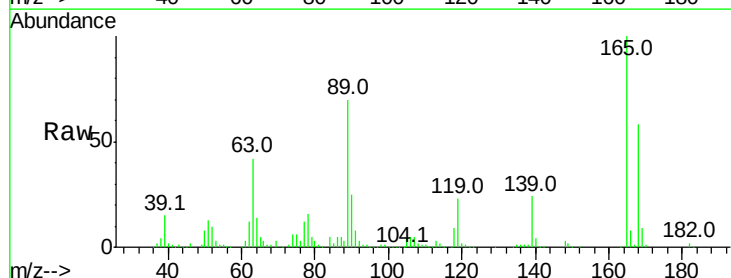
Ion Ratio Lower Upper

165 100

63 42.5 36.4 54.6

89 70.1 57.8 86.6

182 2.4 1.6 2.4

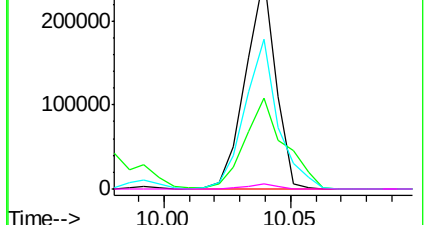
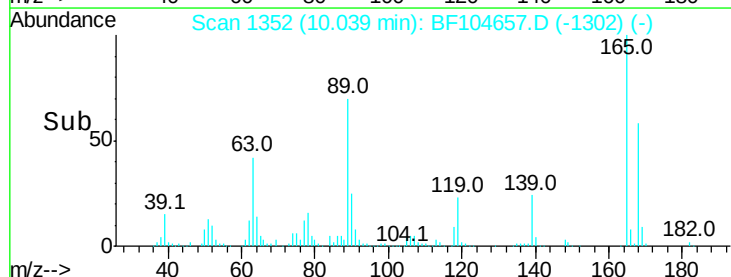


Abundance Ion 165.00 (164.70 to 165.70): E

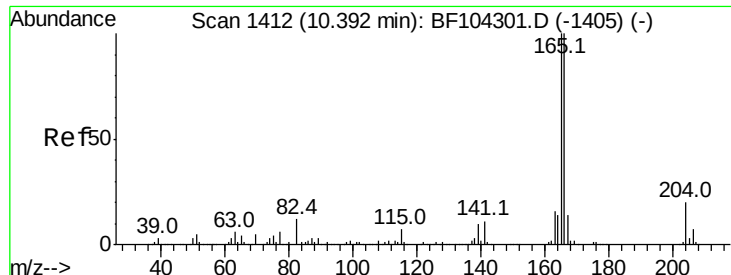
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E







#57

Fluorene

Concen: 39.246 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampleId :

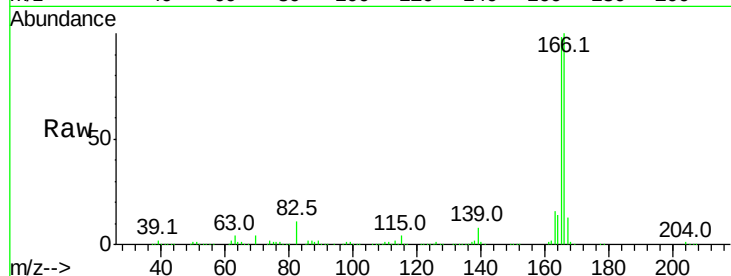
Tot Ion:166 Resp: 629506

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

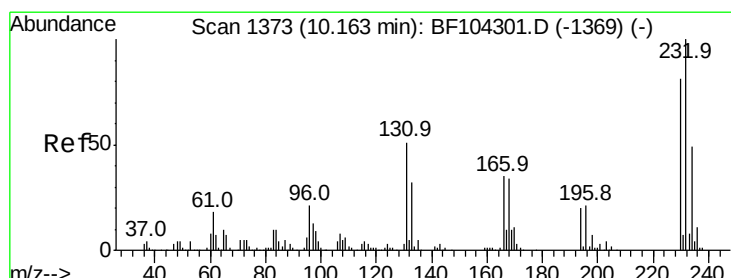
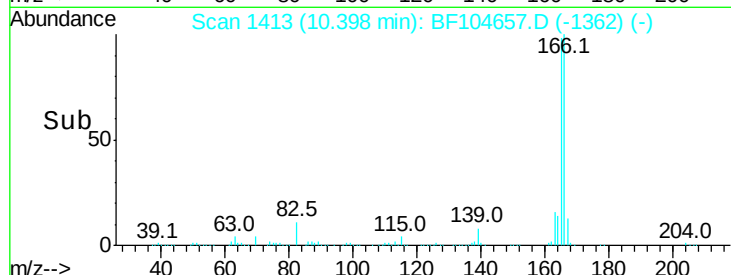
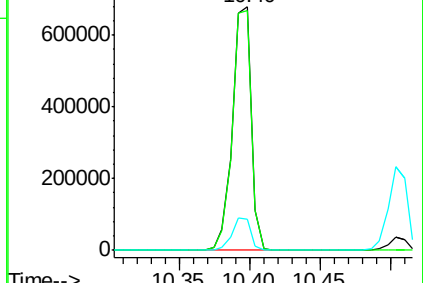
167 12.9 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.288 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tgt Ion:232 Resp: 162255

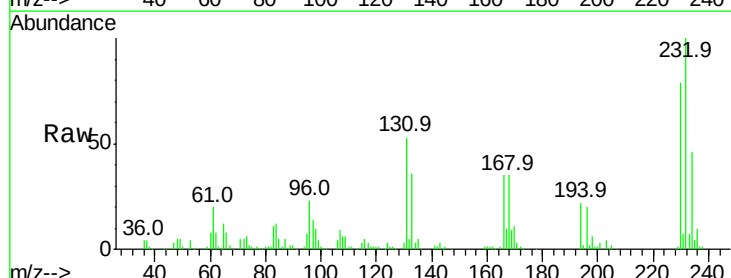
Ion Ratio Lower Upper

232 100

131 48.4 43.8 65.8

130 2.4 2.1 3.1

166 33.5 27.8 41.6

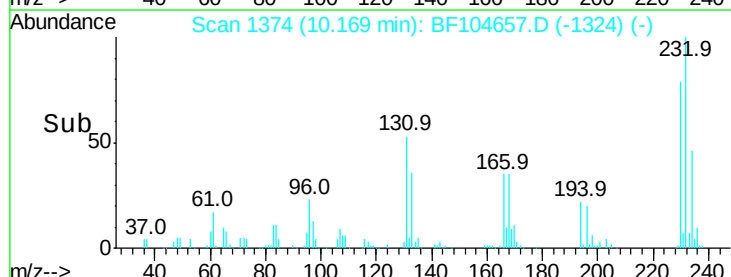
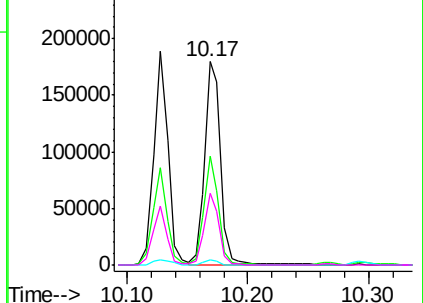


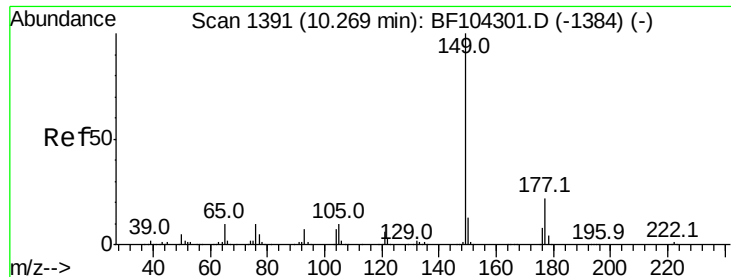
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

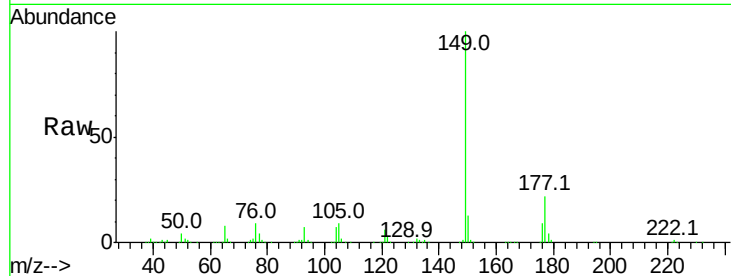




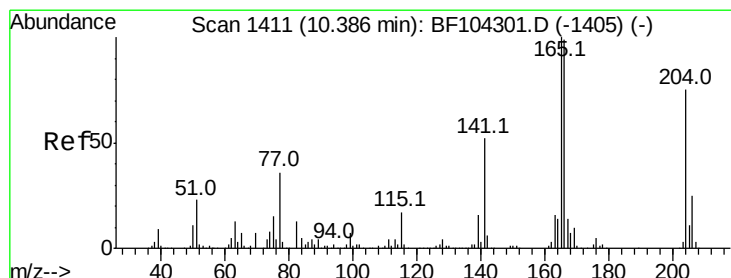
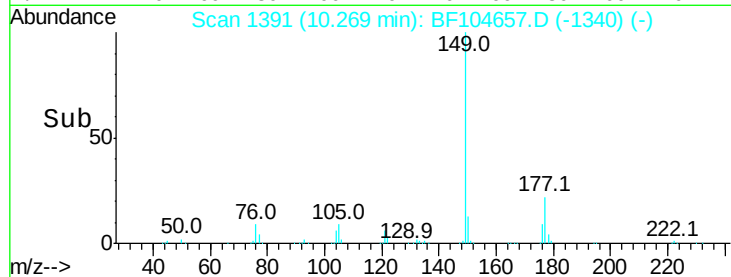
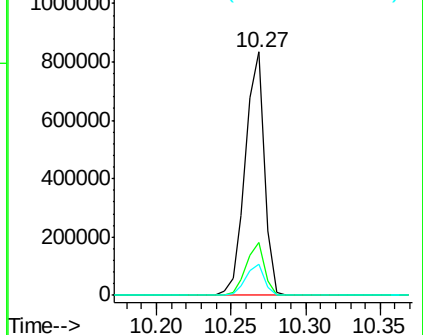
#59  
Diethylphthalate  
Concen: 37.825 ng  
RT: 10.27 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:149 Resp: 739519  
Ion Ratio Lower Upper  
149 100  
177 21.6 16.1 24.1  
150 12.8 10.1 15.1

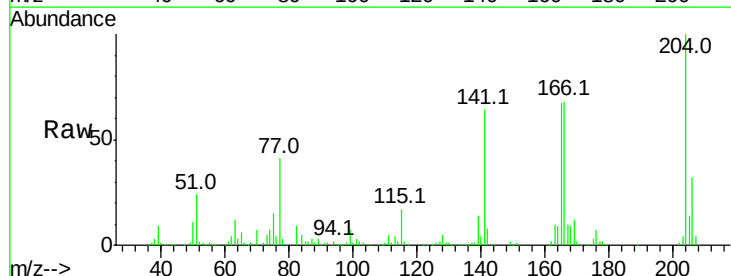


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

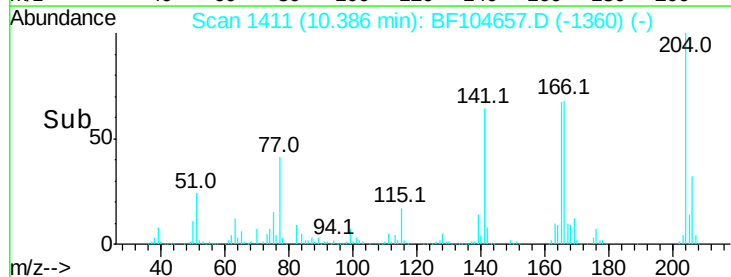
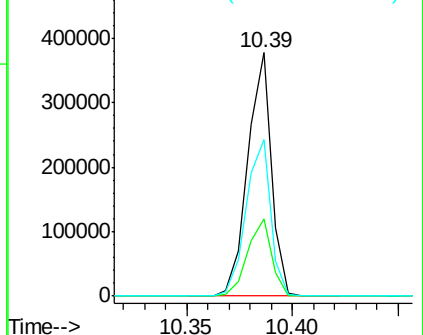


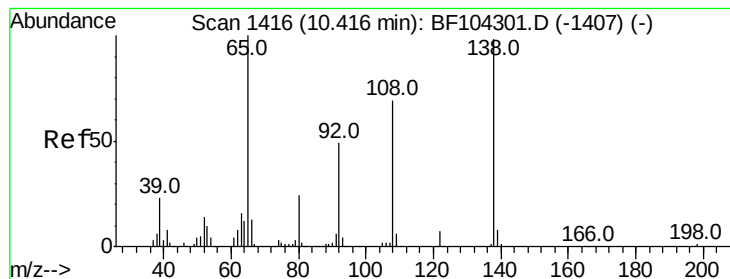
#60  
4-Chlorophenyl-phenylether  
Concen: 41.362 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. 0.00 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

Tgt Ion:204 Resp: 295465  
Ion Ratio Lower Upper  
204 100  
206 31.9 26.5 39.7  
141 64.2 54.6 81.8



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





#61

4-Nitroaniline

Concen: 35.452 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampleId :

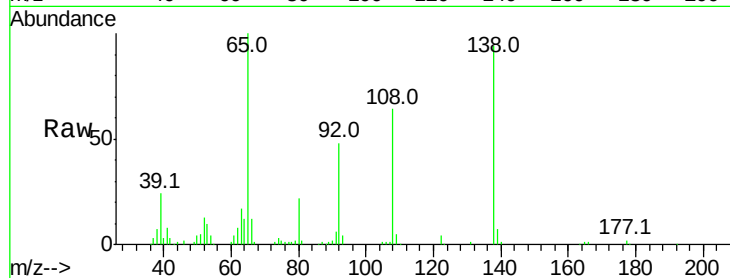
Tot Ion:138 Resp: 147412

Ion Ratio Lower Upper

138 100

92 51.2 30.2 70.2

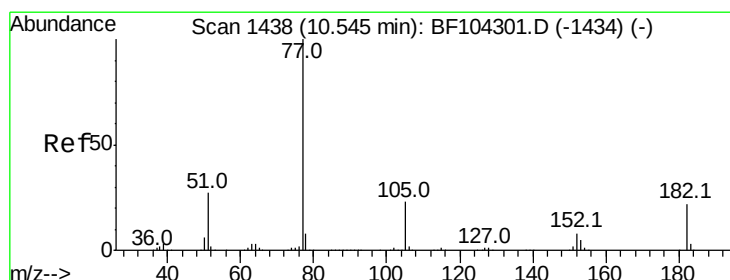
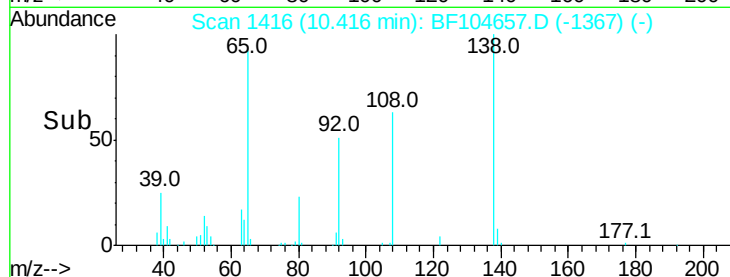
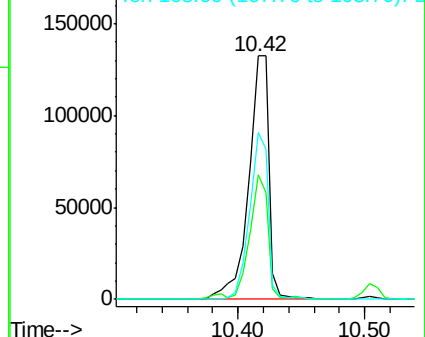
108 68.4 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.868 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tgt Ion: 77 Resp: 669964

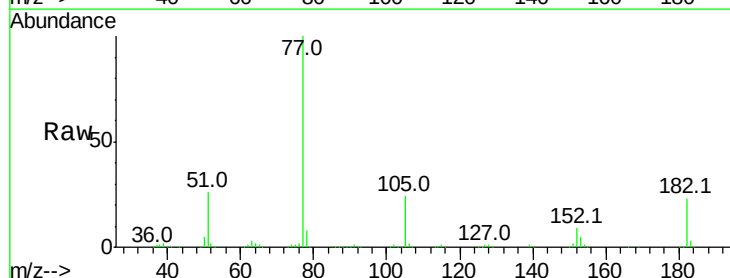
Ion Ratio Lower Upper

77 100

182 23.4 1.7 41.7

105 23.7 3.0 43.0

51 25.8 9.9 49.9

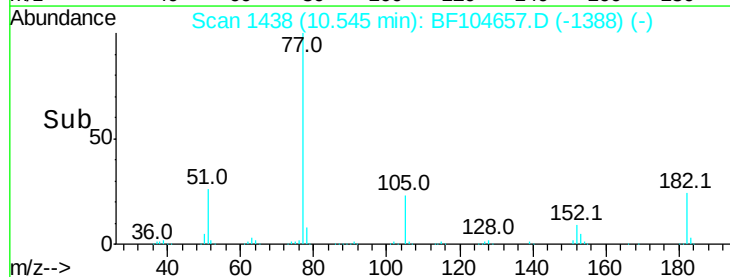
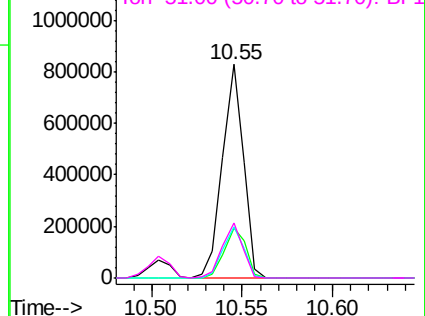


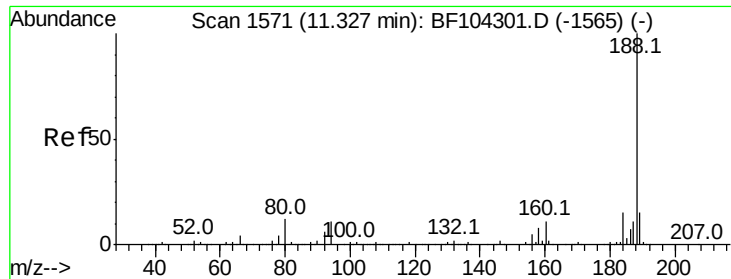
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

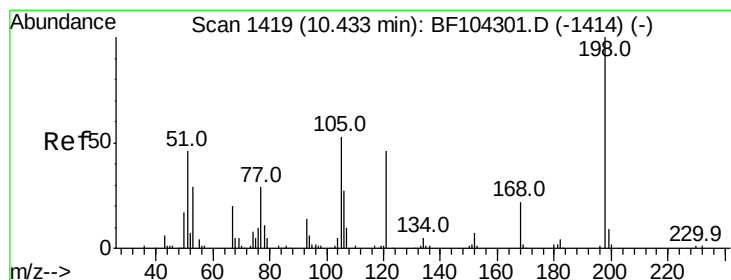
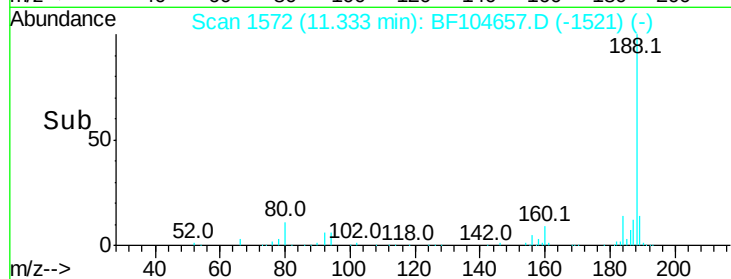
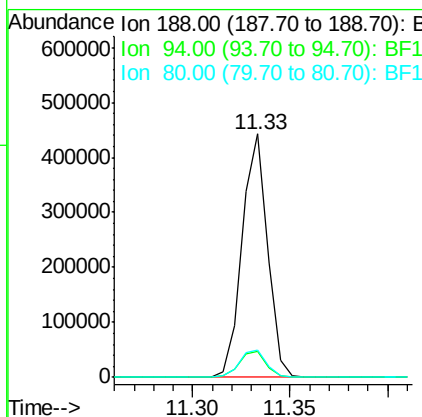
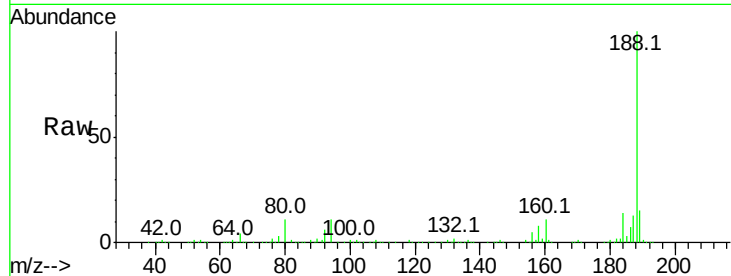




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

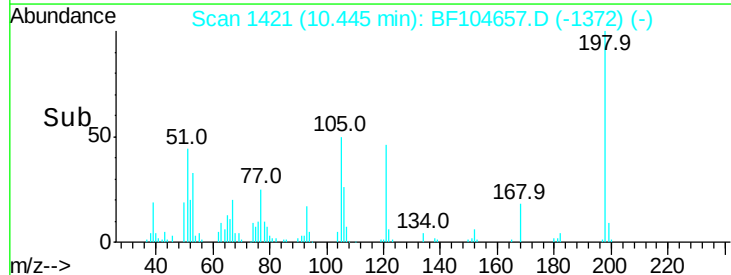
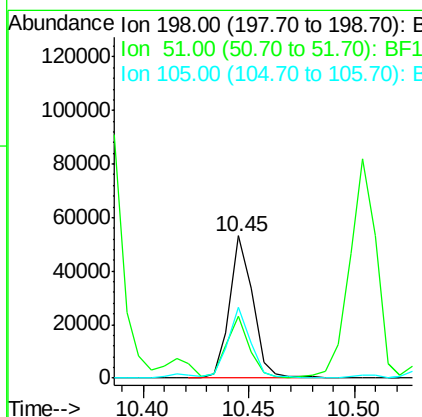
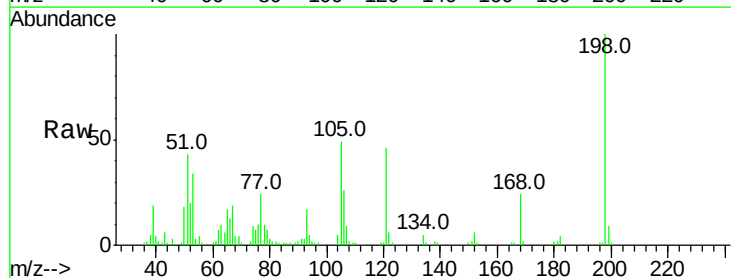
Instrument :  
BNA\_F  
ClientSampled :

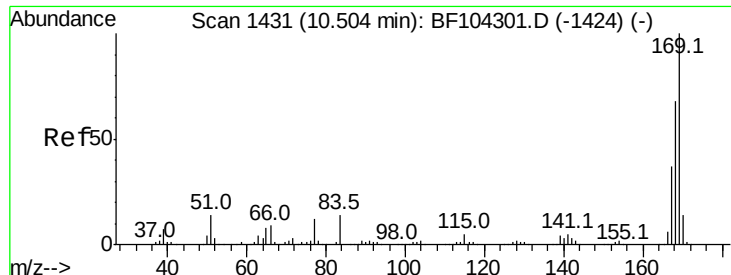
Tot Ion:188 Resp: 399380  
Ion Ratio Lower Upper  
188 100  
94 10.6 8.5 12.7  
80 11.3 9.2 13.8



#64  
4,6-Dinitro-2-methylphenol  
Concen: 24.947 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. -0.01 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

Tgt Ion:198 Resp: 40420  
Ion Ratio Lower Upper  
198 100  
51 43.3 37.7 77.7  
105 49.4 36.3 76.3

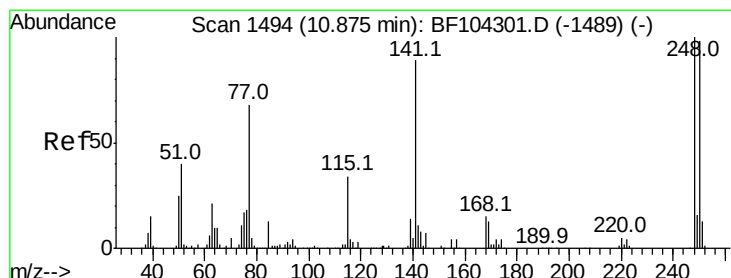
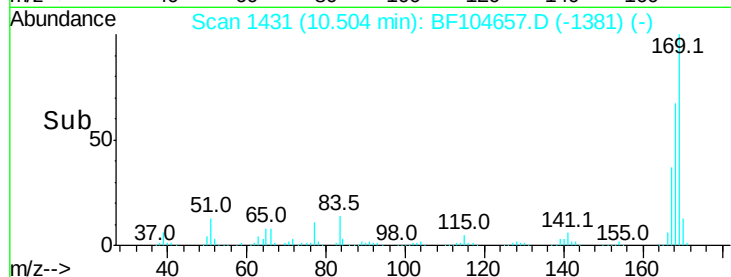
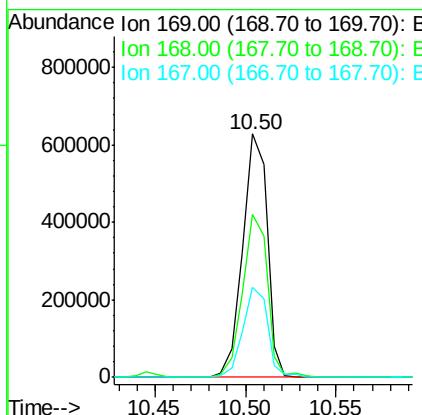
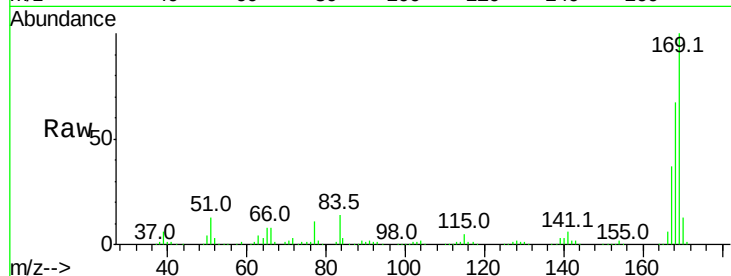




#65  
 n-Nitrosodiphenylamine  
 Concen: 42.701 ng  
 RT: 10.50 min Scan# 1431  
 Delta R.T. -0.01 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

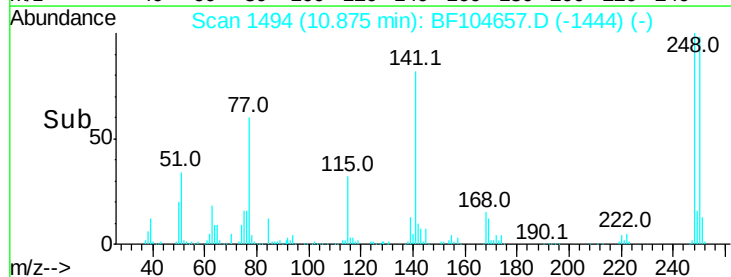
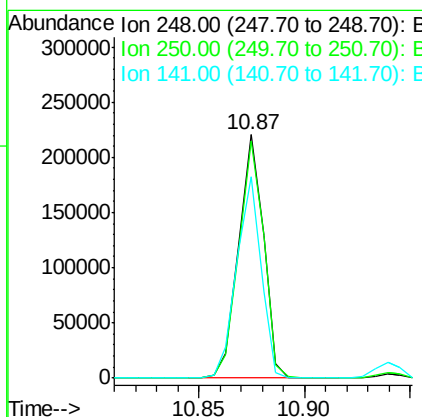
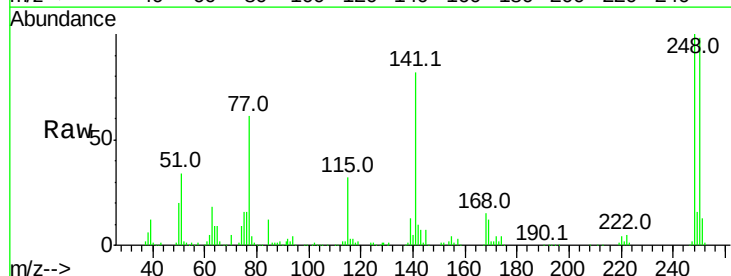
Instrument :  
 BNA\_F  
 ClientSampleId :

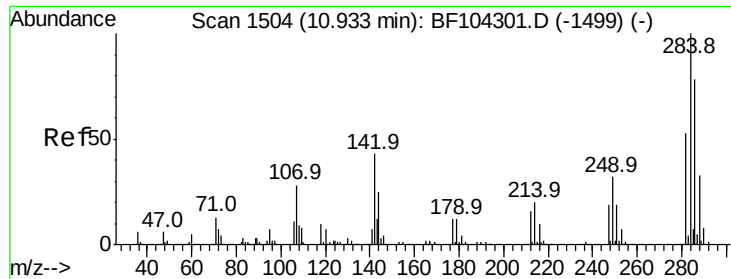
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.9  | 54.4  | 81.6  |
| 167     | 37.1  | 29.8  | 44.6  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 42.256 ng  
 RT: 10.87 min Scan# 1494  
 Delta R.T. -0.01 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.6  | 76.9  | 115.3 |
| 141     | 82.5  | 74.4  | 111.6 |

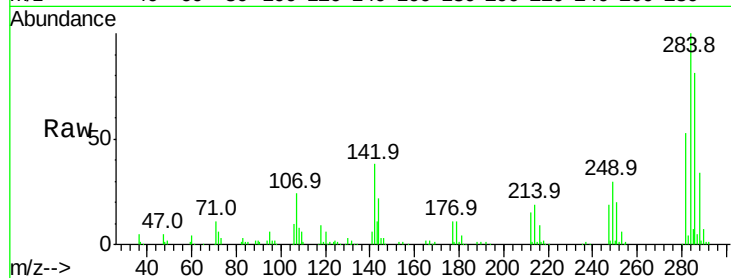




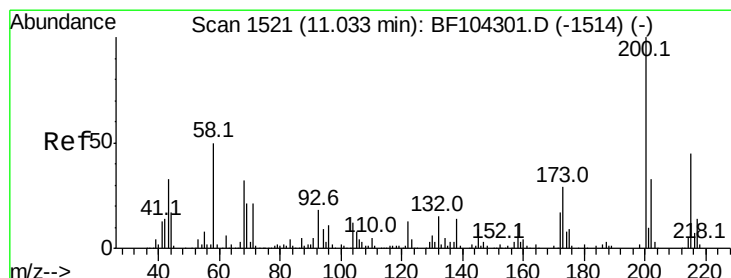
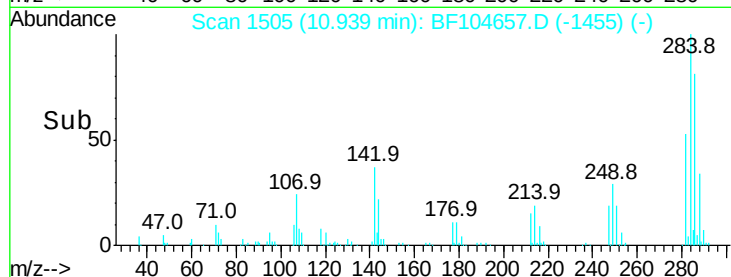
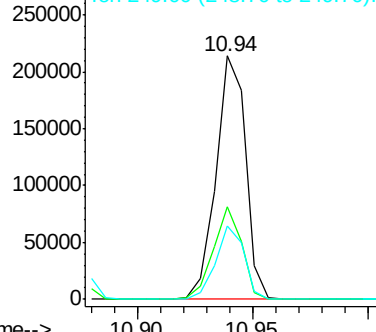
#67  
Hexachlorobenzene  
Concen: 40.249 ng  
RT: 10.94 min Scan# 1505  
Delta R.T. -0.01 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:284 Resp: 192393  
Ion Ratio Lower Upper  
284 100  
142 37.8 34.6 52.0  
249 29.9 24.8 37.2

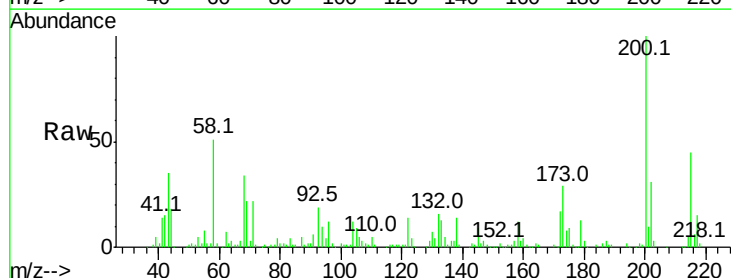


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

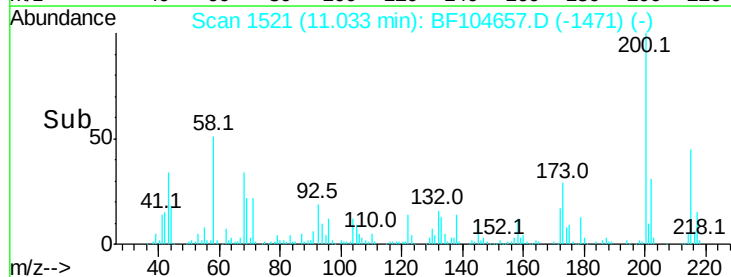
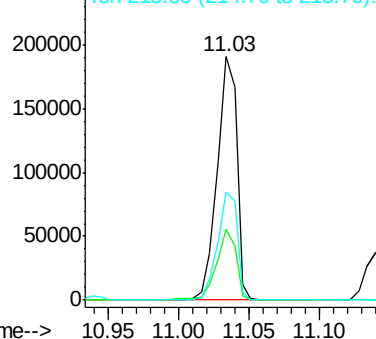


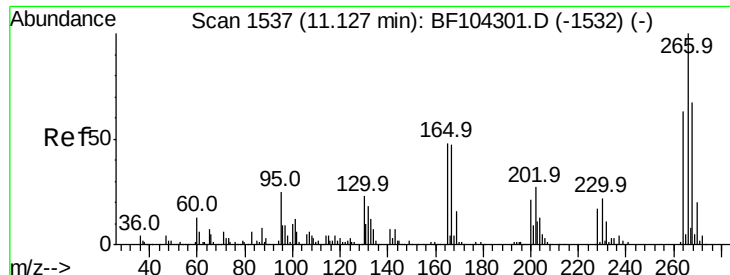
#68  
Atrazine  
Concen: 44.519 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. -0.01 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

Tgt Ion:200 Resp: 186082  
Ion Ratio Lower Upper  
200 100  
173 29.0 8.6 48.6  
215 44.6 25.1 65.1



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

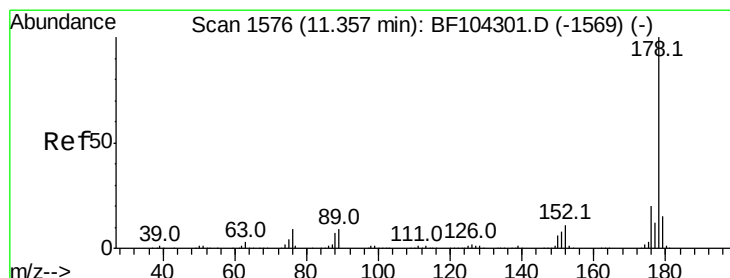
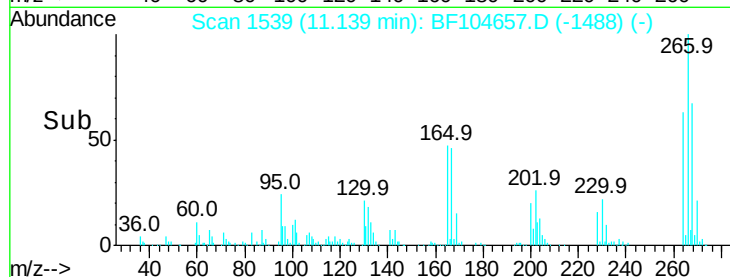
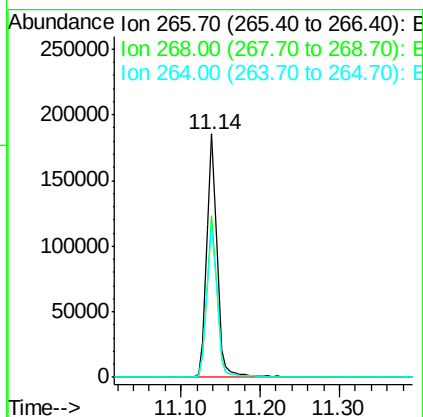
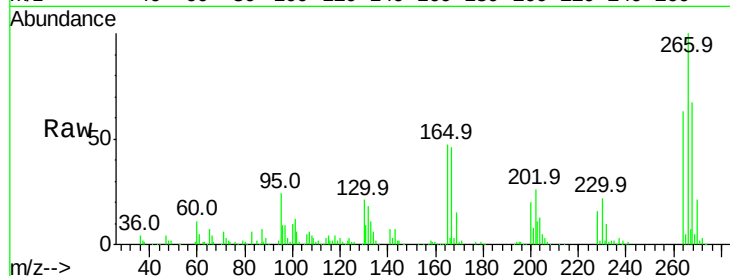




#69  
 Pentachlorophenol  
 Concen: 58.838 ng  
 RT: 11.14 min Scan# 1539  
 Delta R.T. 0.00 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

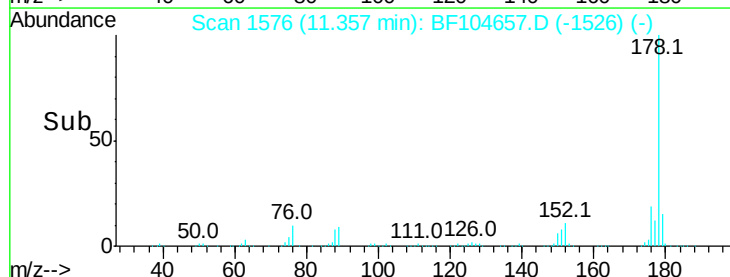
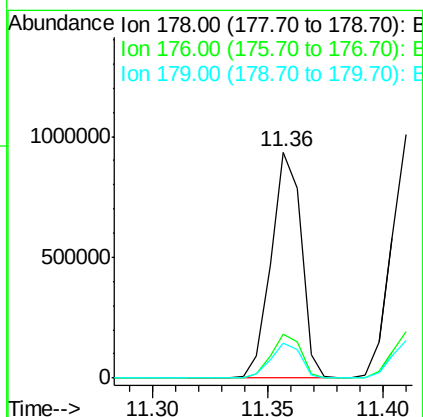
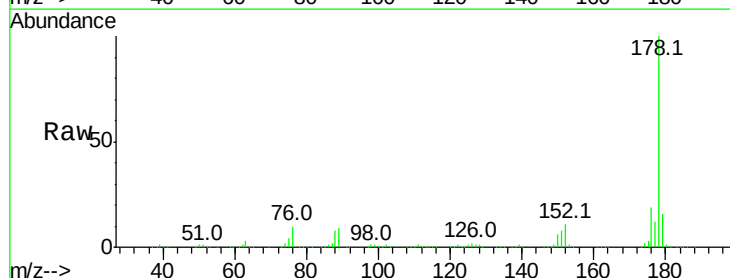
Instrument :  
 BNA\_F  
 ClientSampled :

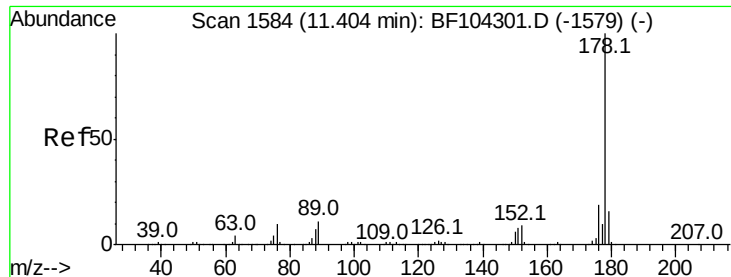
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.6  | 51.1  | 76.7  |
| 264     | 62.9  | 49.5  | 74.3  |



#70  
 Phenanthrene  
 Concen: 38.098 ng  
 RT: 11.36 min Scan# 1576  
 Delta R.T. -0.01 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.8  | 23.8  |
| 179     | 15.5  | 13.0  | 19.6  |

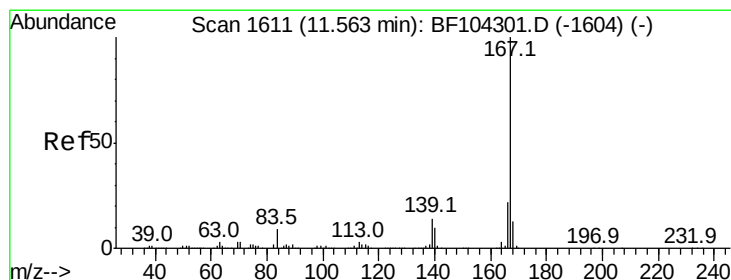
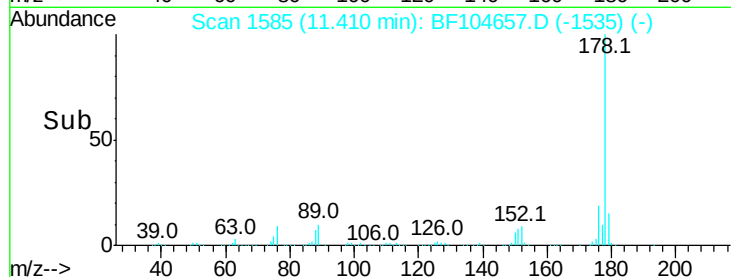
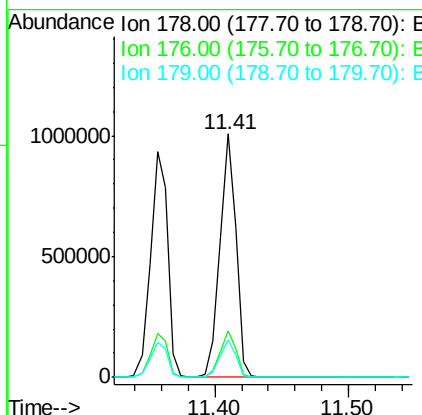
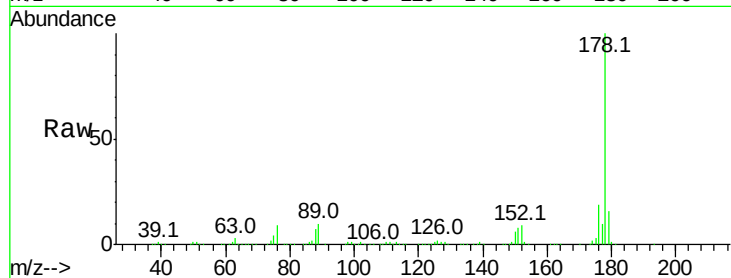




#71  
 Anthracene  
 Concen: 38.290 ng  
 RT: 11.41 min Scan# 1585  
 Delta R.T. -0.01 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

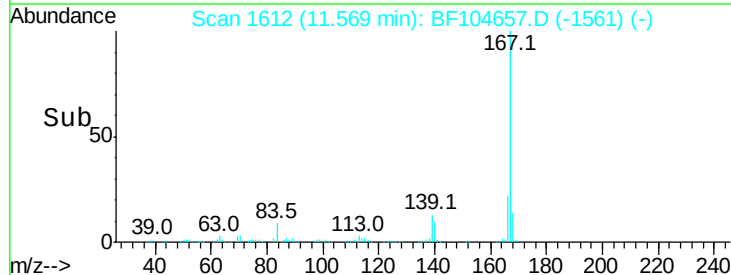
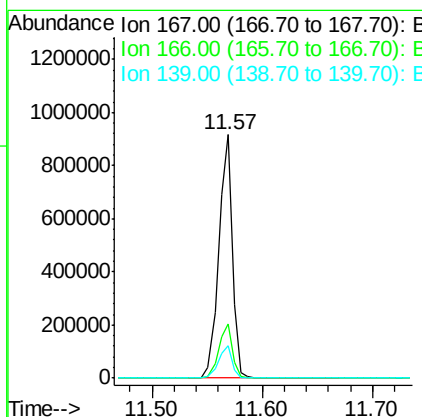
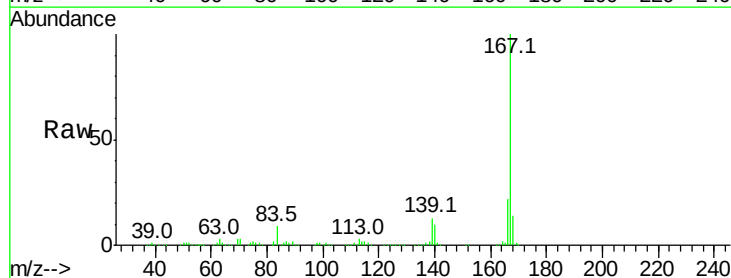
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:178 Resp: 865668  
 Ion Ratio Lower Upper  
 178 100  
 176 19.2 15.4 23.2  
 179 15.5 12.6 19.0

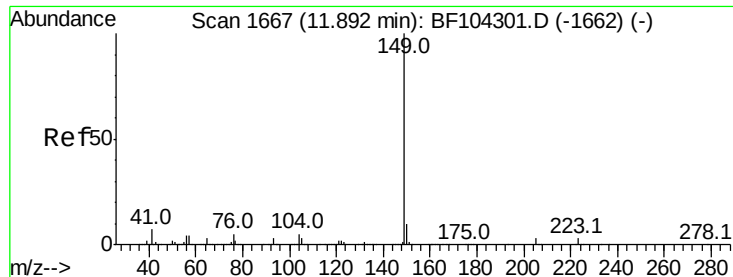


#72  
 Carbazole  
 Concen: 35.345 ng  
 RT: 11.57 min Scan# 1612  
 Delta R.T. 0.00 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

Tgt Ion:167 Resp: 780848  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.6 26.4  
 139 13.3 10.9 16.3







#73

Di-n-butylphthalate

Concen: 39.728 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampleId :

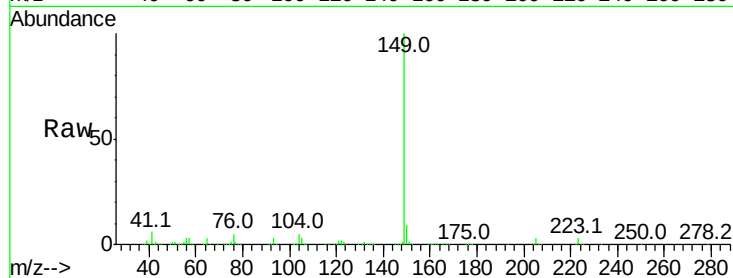
Tot Ion:149 Resp: 1072142

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

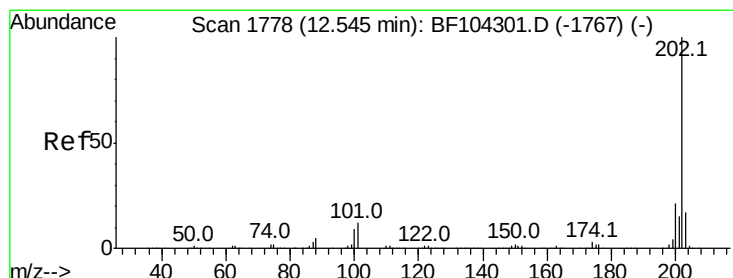
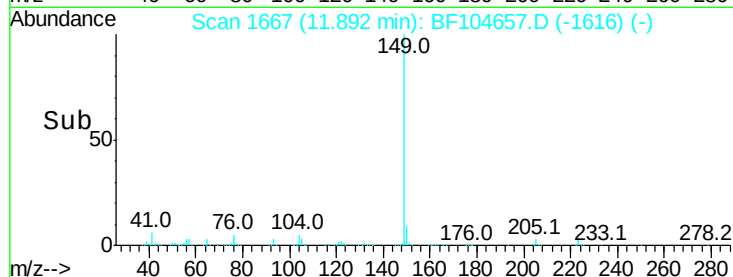
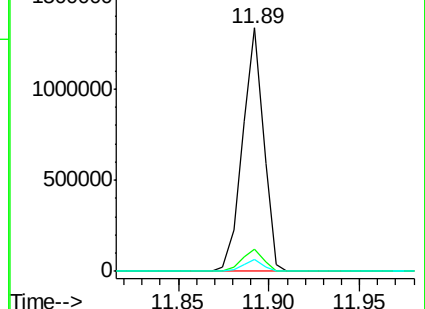
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.713 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

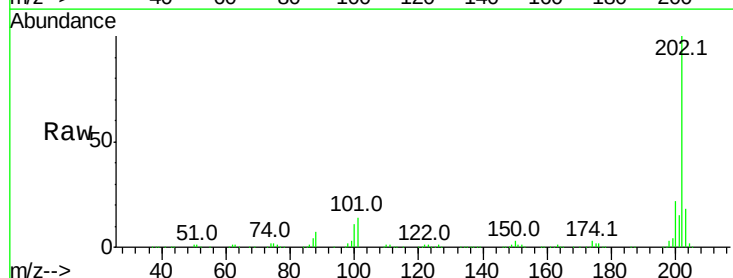
Tgt Ion:202 Resp: 783421

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

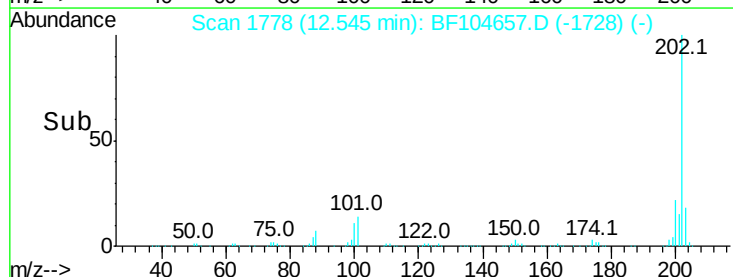
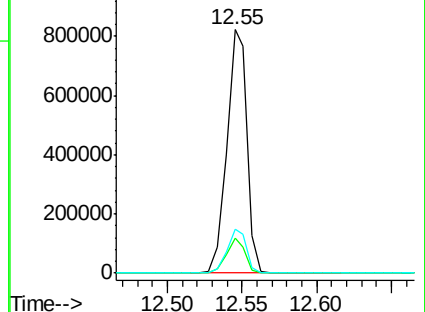
203 18.1 0.0 38.1

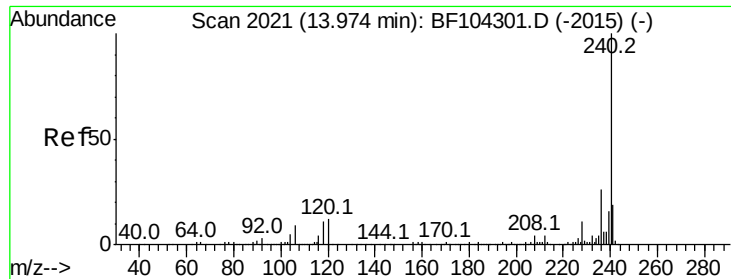


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampleId :

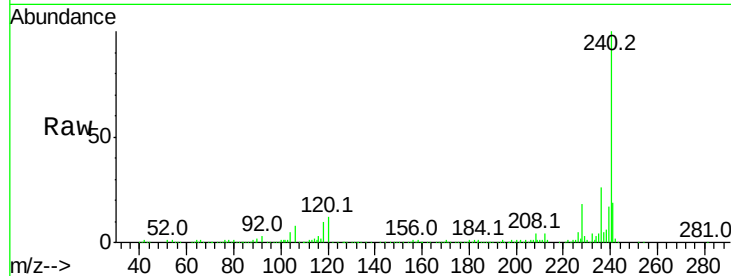
Tot Ion:240 Resp: 268156

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

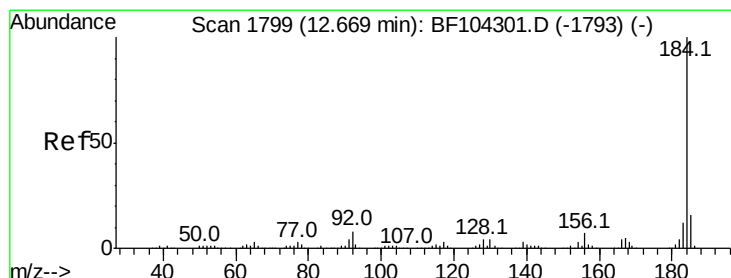
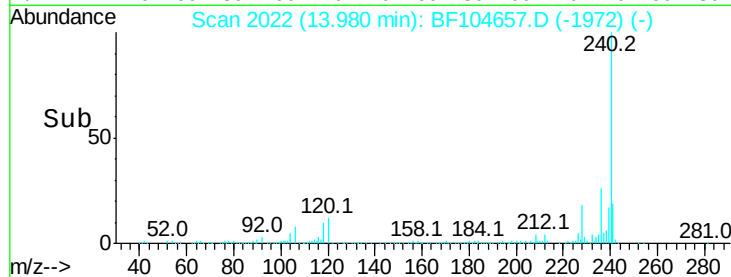
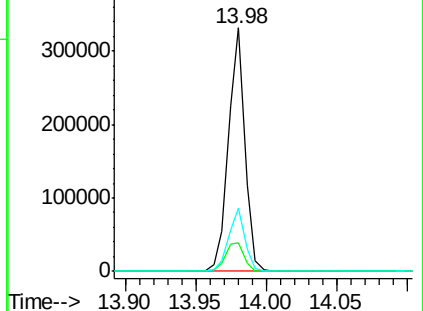
236 25.8 20.7 31.1



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



#76

Benzidine

Concen: 53.429 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

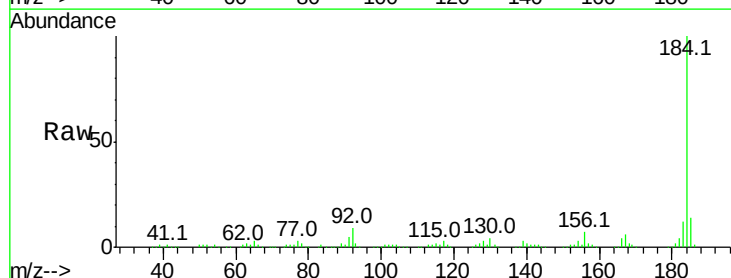
Tgt Ion:184 Resp: 443661

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

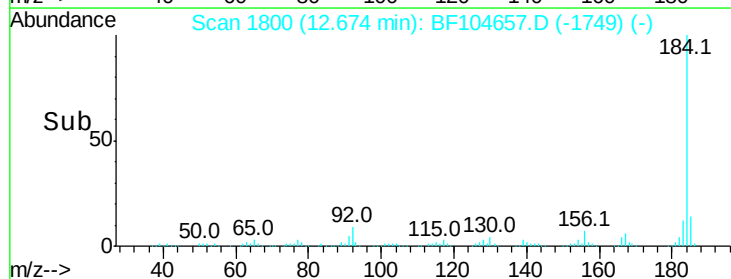
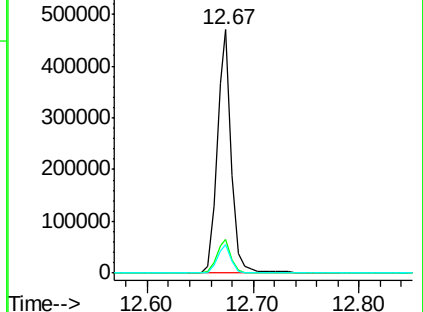
183 12.0 9.3 13.9

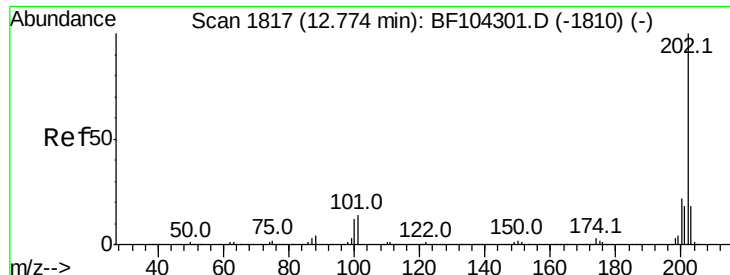


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

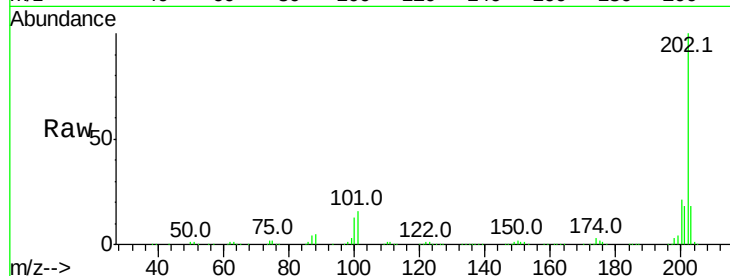




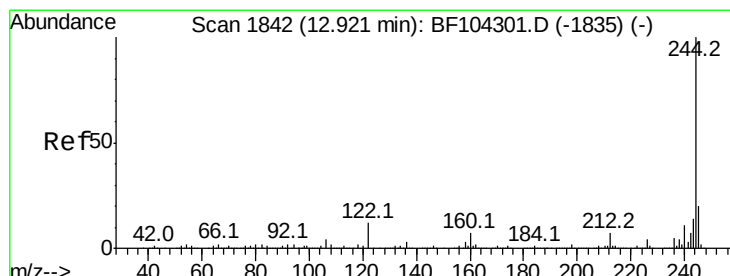
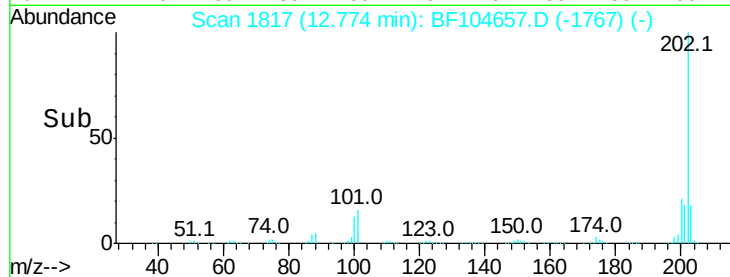
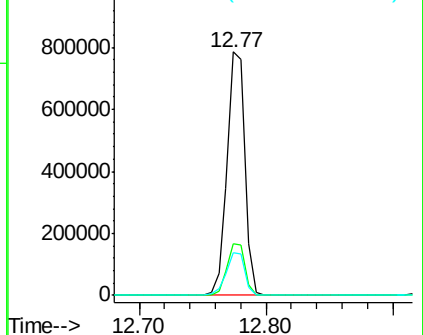
#77  
 Pvrene  
 Concen: 38.402 ng  
 RT: 12.77 min Scan# 1817  
 Delta R.T. -0.01 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.4  | 17.4  | 26.2  |
| 203     | 17.6  | 14.3  | 21.5  |

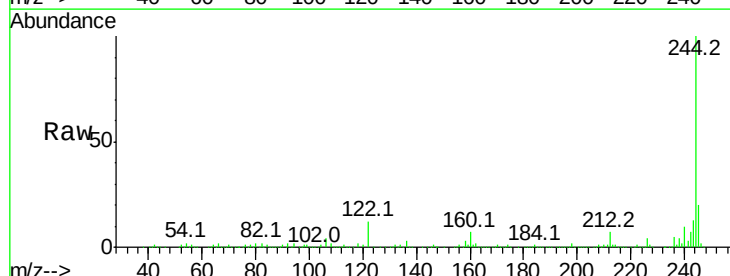


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

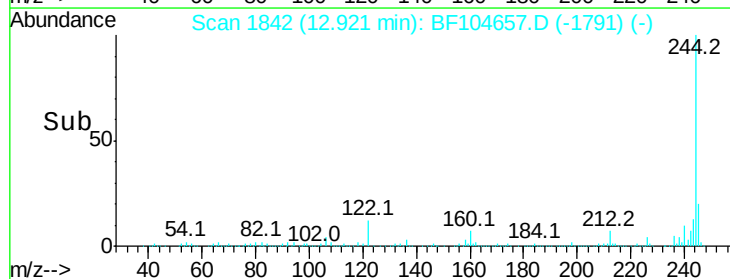
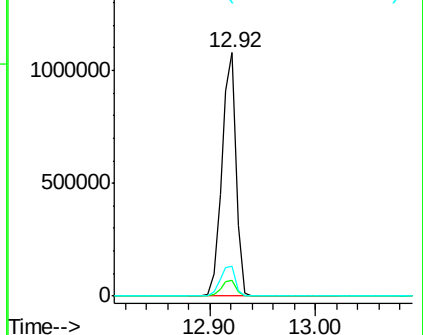


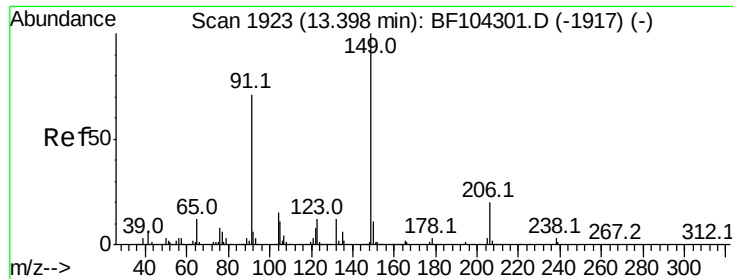
#78  
 Terphenyl-d14  
 Concen: 86.812 ng  
 RT: 12.92 min Scan# 1842  
 Delta R.T. 0.00 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.7   | 5.4   | 8.0   |
| 122     | 12.0  | 11.0  | 16.4  |



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





#79

Butylbenzylphthalate

Concen: 41.599 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampleId :

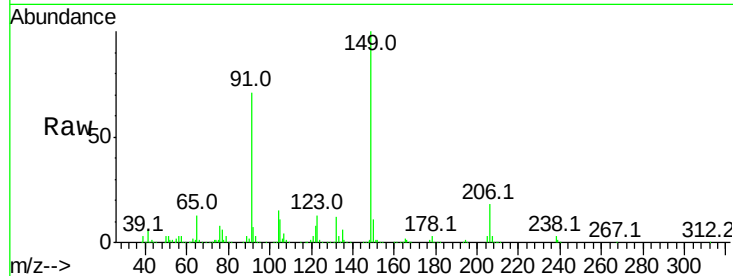
Tot Ion:149 Resp: 389540

Ion Ratio Lower Upper

149 100

91 70.6 56.8 85.2

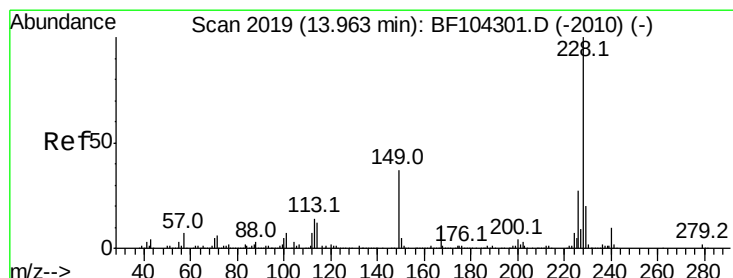
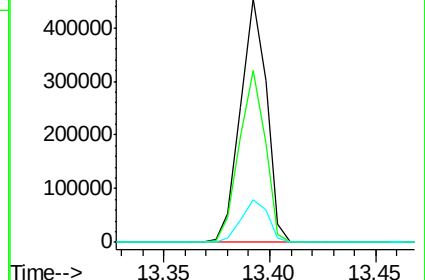
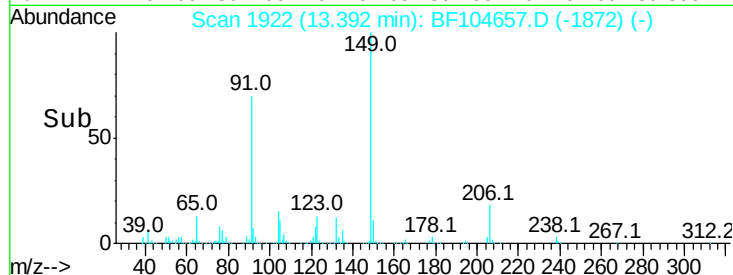
206 17.7 14.1 21.1



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



#80

Benzo(a)anthracene

Concen: 41.209 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

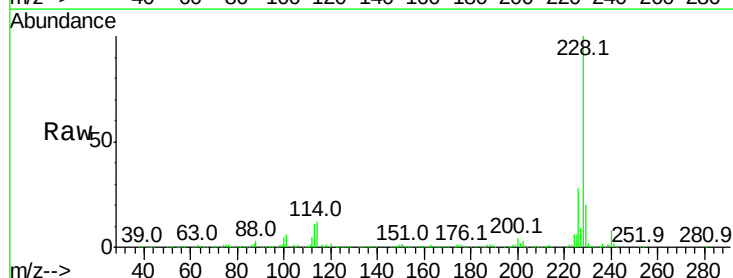
Tgt Ion:228 Resp: 660168

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

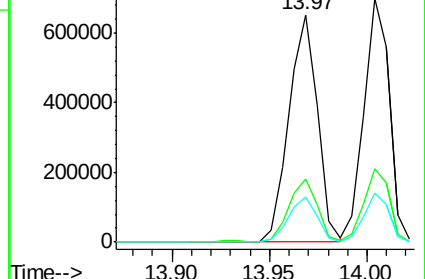
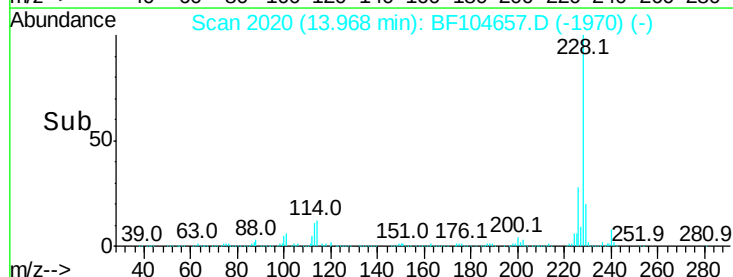
229 19.8 15.8 23.6

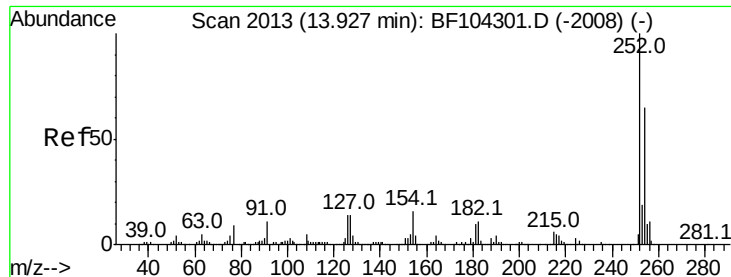


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

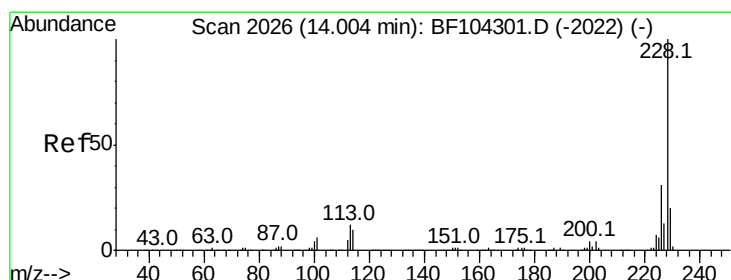
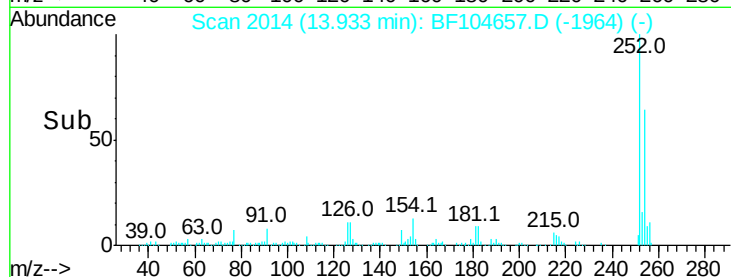
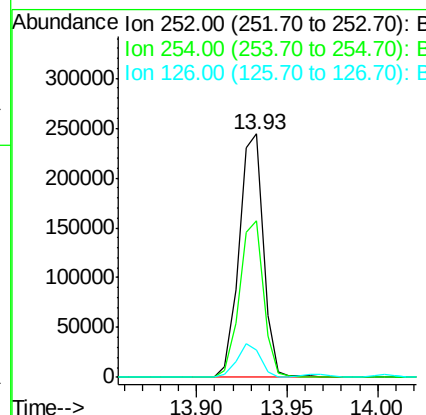
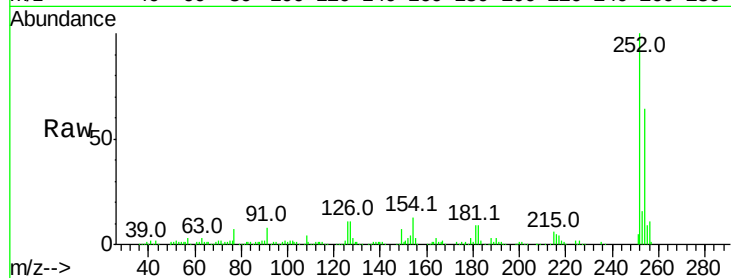




#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.243 ng  
 RT: 13.93 min Scan# 2014  
 Delta R.T. -0.01 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

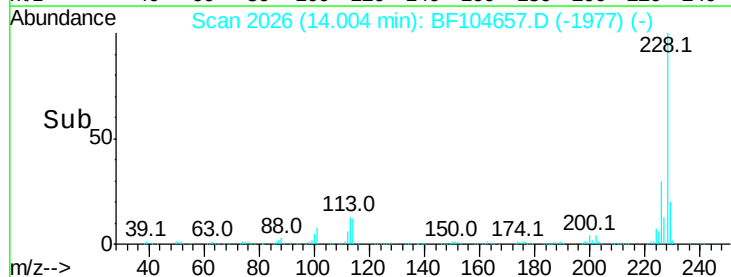
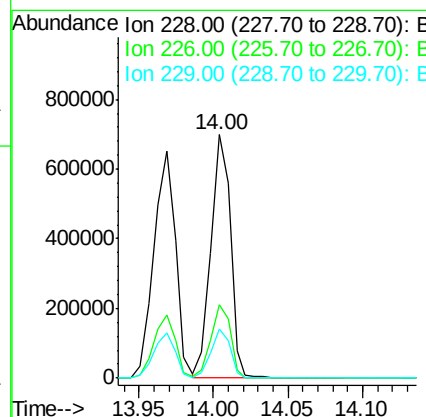
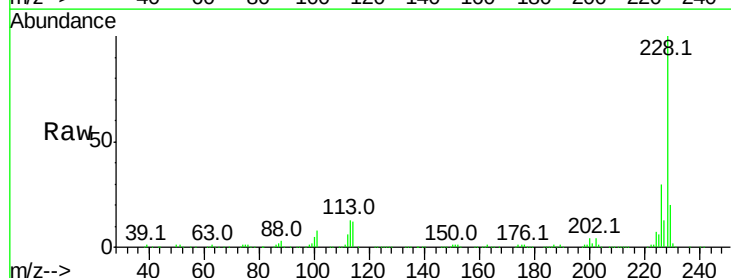
Instrument :  
 BNA\_F  
 ClientSampleId :

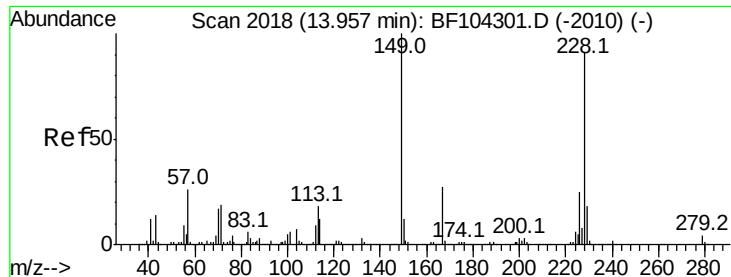
Tot Ion:252 Resp: 228431  
 Ion Ratio Lower Upper  
 252 100  
 254 64.2 50.4 75.6  
 126 11.1 11.3 16.9#



#82  
 Chrysene  
 Concen: 38.451 ng  
 RT: 14.00 min Scan# 2026  
 Delta R.T. -0.01 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

Tgt Ion:228 Resp: 632707  
 Ion Ratio Lower Upper  
 228 100  
 226 30.0 25.0 37.6  
 229 19.9 16.2 24.4

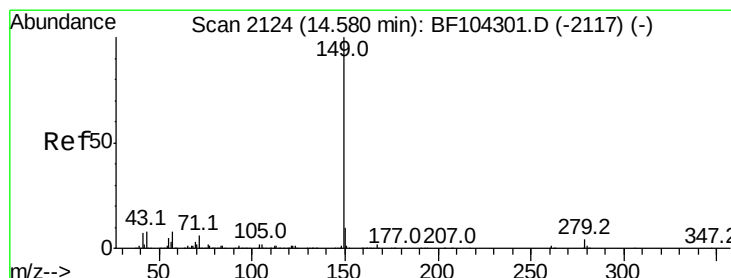
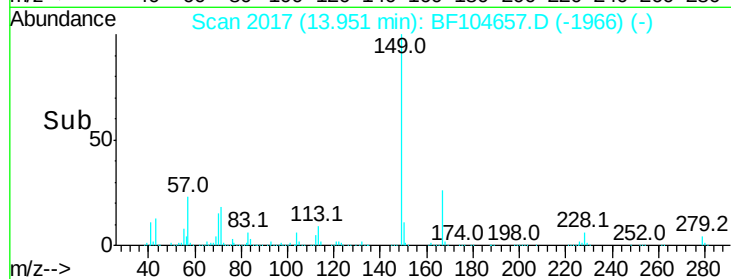
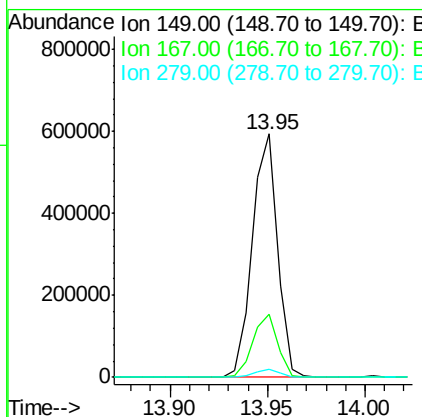
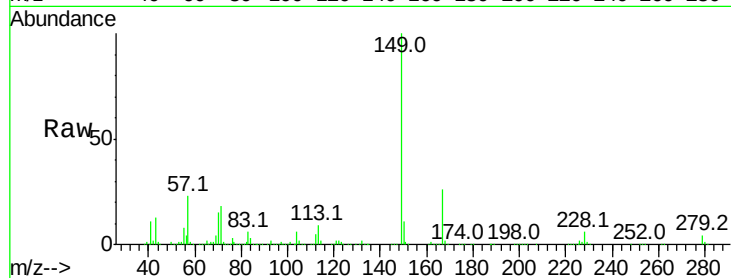




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.172 ng  
 RT: 13.95 min Scan# 2017  
 Delta R.T. 0.00 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

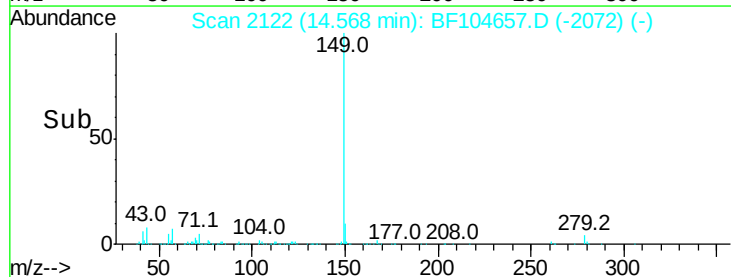
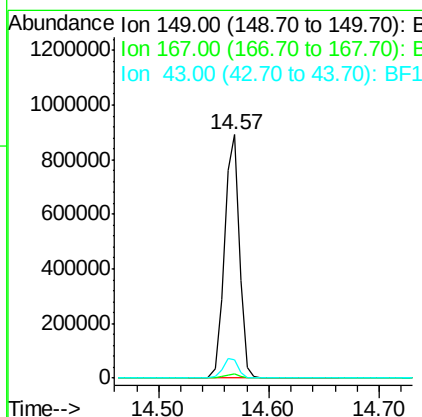
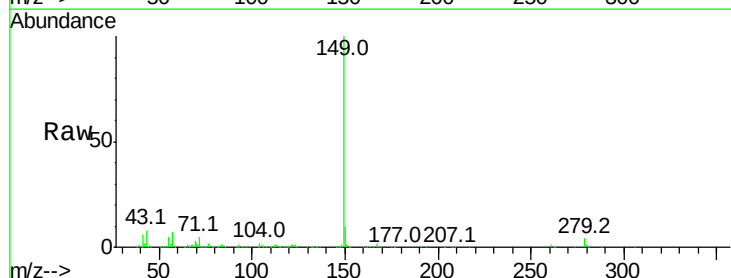
Instrument :  
 BNA\_F  
 ClientSampleId :

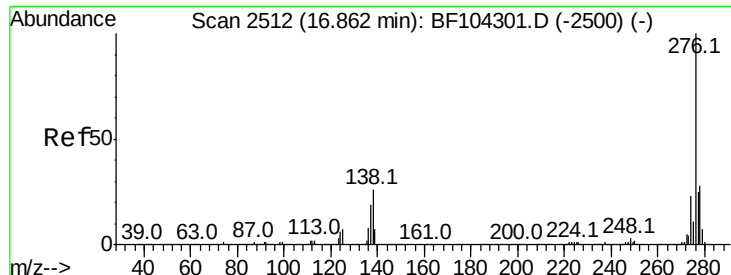
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.0  | 21.3  | 31.9  |
| 279     | 3.6   | 3.0   | 4.4   |



#84  
 Di-n-octyl phthalate  
 Concen: 42.018 ng  
 RT: 14.57 min Scan# 2122  
 Delta R.T. -0.01 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 8.2   | 8.4   | 12.6# |

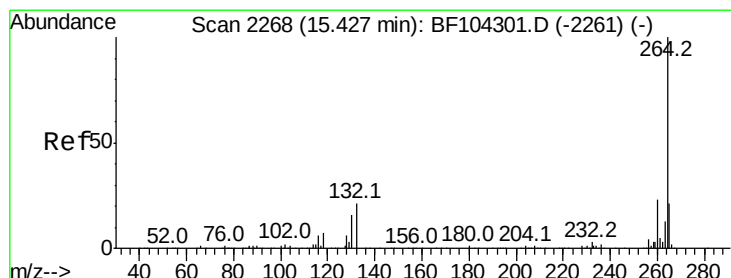
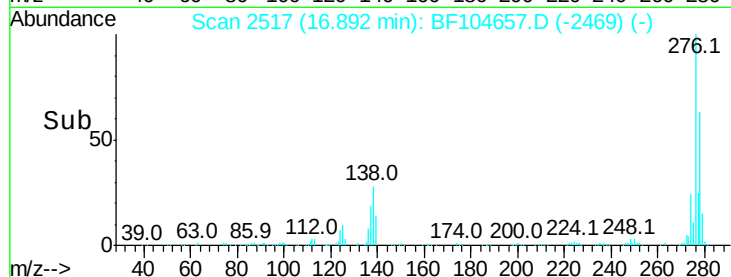
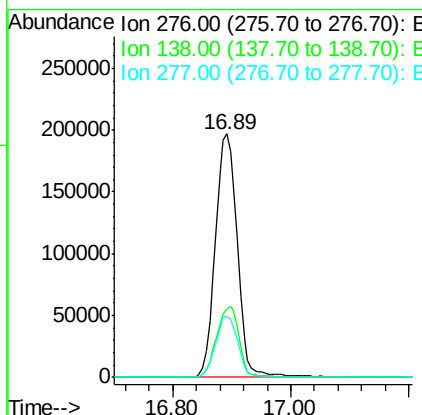
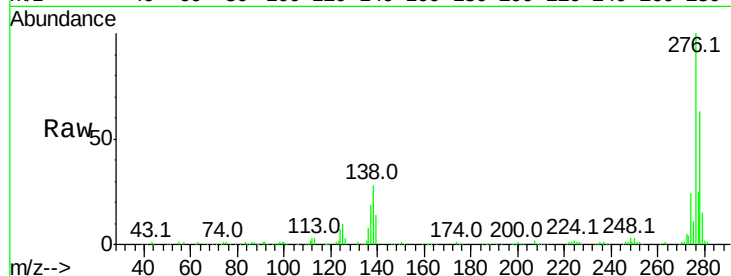




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 36.801 ng  
 RT: 16.89 min Scan# 2517  
 Delta R.T. -0.02 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

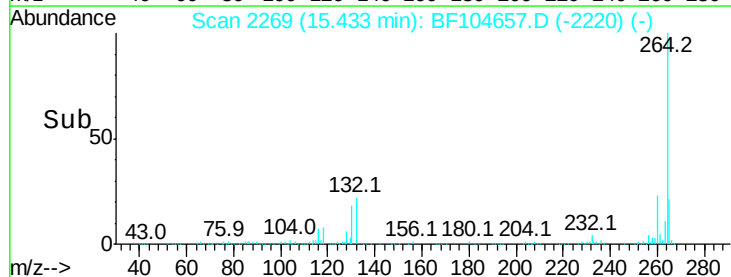
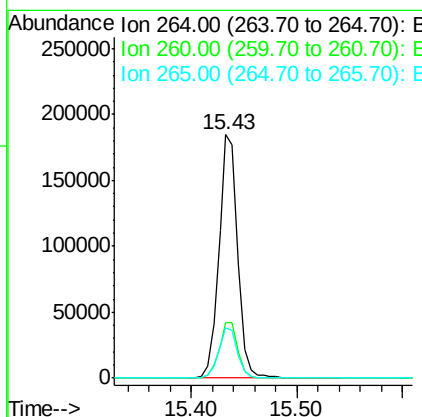
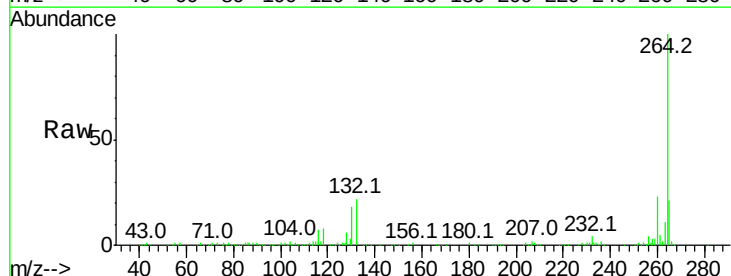
Instrument :  
 BNA\_F  
 ClientSampleId :

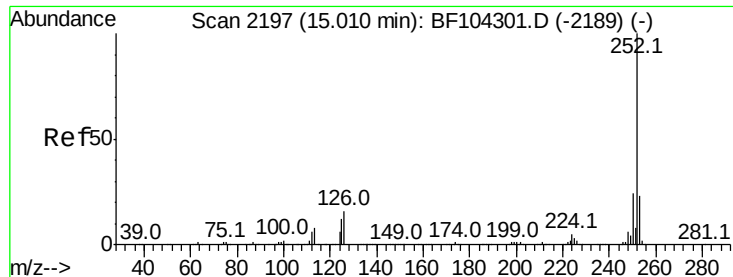
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 29.8  | 25.0  | 37.6  |
| 277     | 25.4  | 20.1  | 30.1  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.43 min Scan# 2269  
 Delta R.T. -0.01 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.0  | 19.2  | 28.8  |
| 265     | 20.9  | 17.5  | 26.3  |

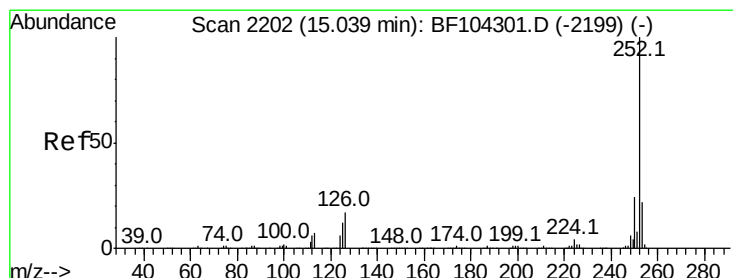
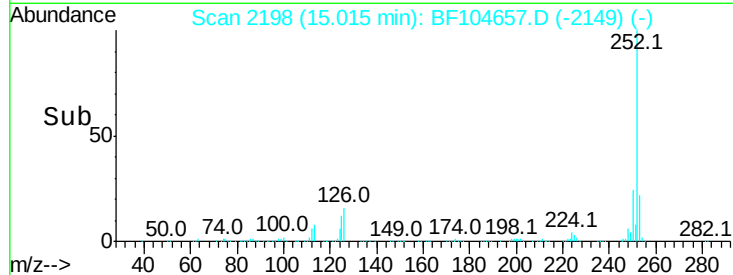
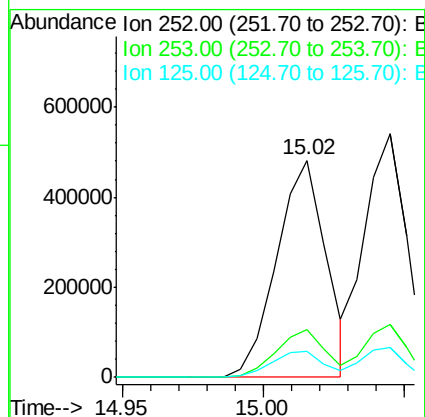
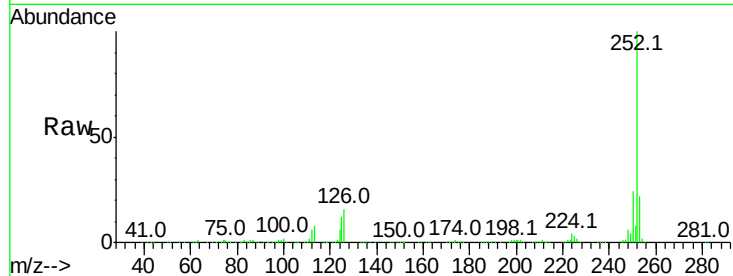




#87  
Benzo(b)fluoranthene  
Concen: 40.318 ng  
RT: 15.02 min Scan# 2198  
Delta R.T. -0.01 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

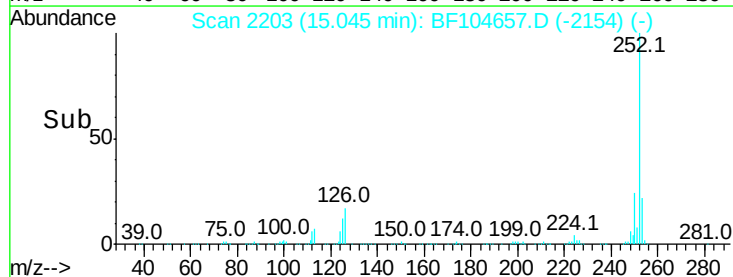
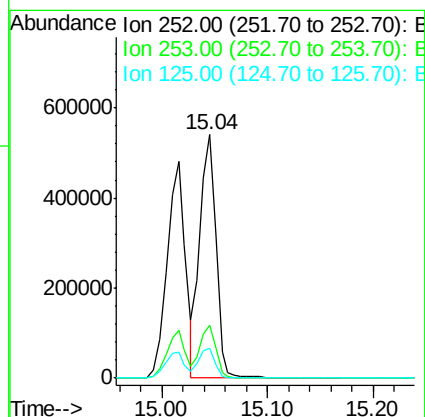
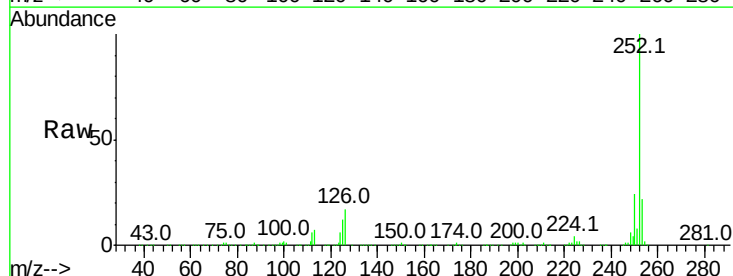
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 583902  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.0 25.6  
125 12.1 9.0 13.6

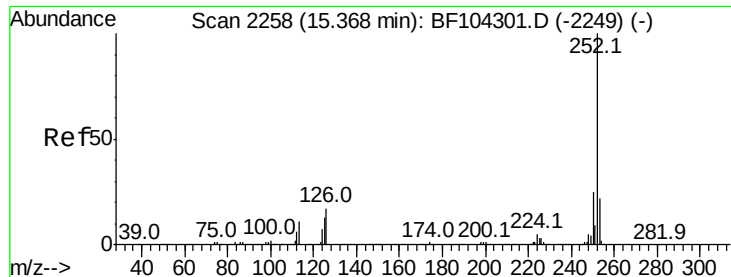


#88  
Benzo(k)fluoranthene  
Concen: 41.604 ng  
RT: 15.04 min Scan# 2203  
Delta R.T. -0.01 min  
Lab File: BF104657.D  
Acq: 20 Apr 2018 4:13

Tgt Ion:252 Resp: 568830  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.9 26.9  
125 12.2 10.2 15.2







#89

Benzo(a)pyrene

Concen: 40.987 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.02 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA\_F

ClientSampled :

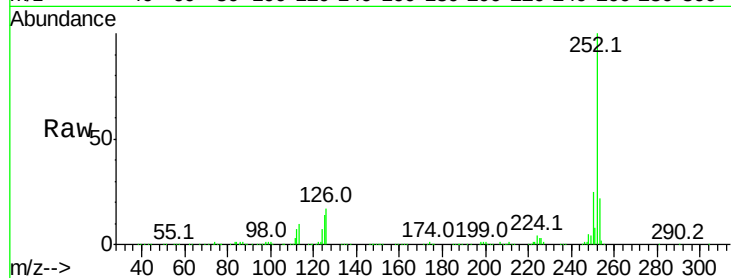
Tot Ion:252 Resp: 531113

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

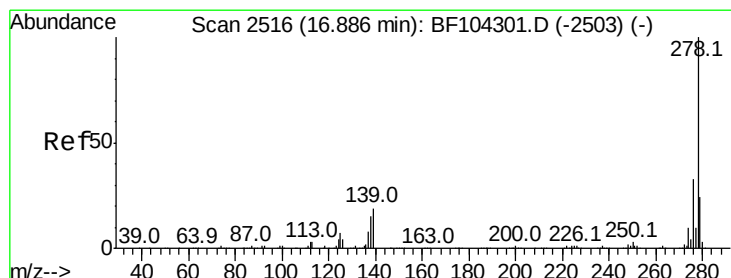
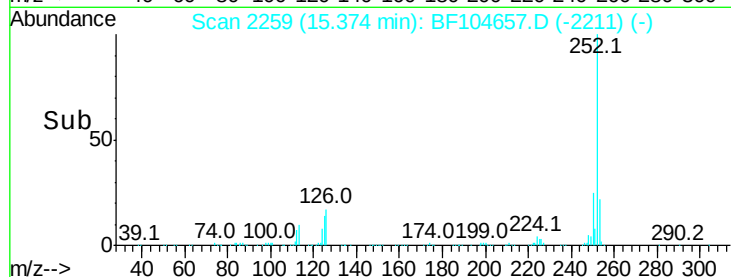
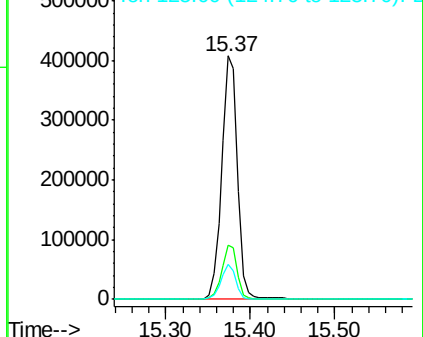
125 14.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.748 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.02 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

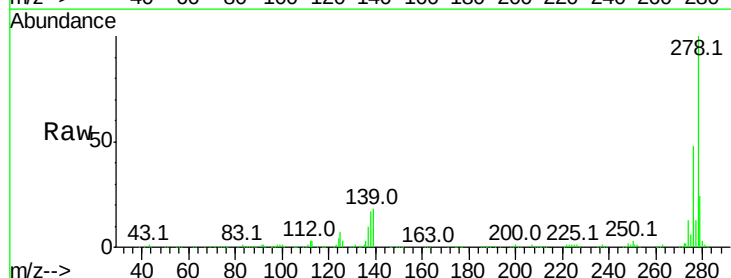
Tgt Ion:278 Resp: 433659

Ion Ratio Lower Upper

278 100

139 17.8 15.9 23.9

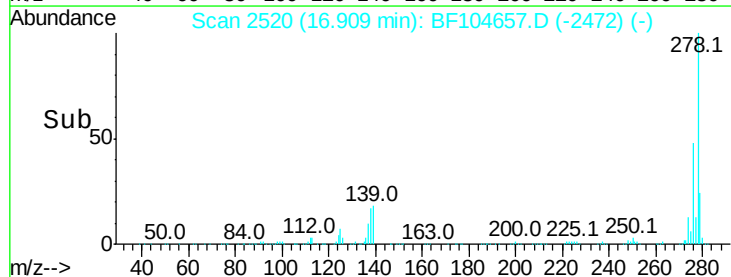
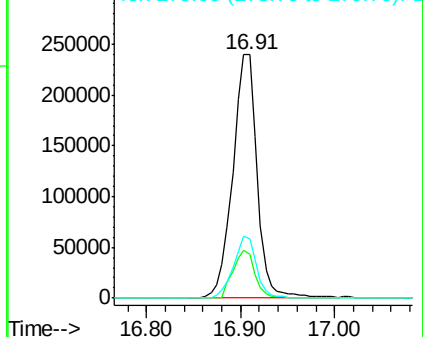
279 24.3 19.0 28.4

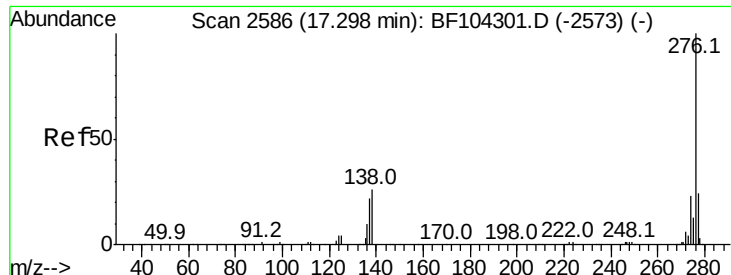


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

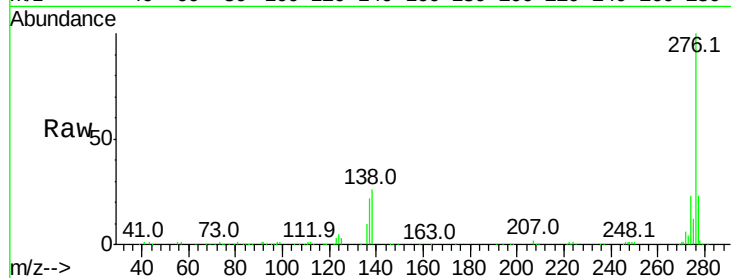




#91  
 Benzo(a,h,i)perylene  
 Concen: 40.097 ng  
 RT: 17.33 min Scan# 2591  
 Delta R.T. -0.02 min  
 Lab File: BF104657.D  
 Acq: 20 Apr 2018 4:13

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 17.9  | 26.9  |
| 138     | 26.2  | 21.8  | 32.8  |



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

