

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081318\  
 Data File : BF108111.D  
 Acq On : 13 Aug 2018 12:56  
 Operator : JU/SJ  
 Sample : PB111971BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Aug 13 13:45:00 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 08 12:24:24 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.02  | 152  | 219358   | 20.00 | ng    | 0.01     |
| 21) Naphthalene-d8        | 8.31  | 136  | 808327   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.08 | 164  | 420296   | 20.00 | ng    | 0.01     |
| 63) Phenanthrene-d10      | 11.57 | 188  | 864717   | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12          | 14.24 | 240  | 697130   | 20.00 | ng    | 0.02     |
| 86) Perylene-d12          | 15.81 | 264  | 527905   | 20.00 | ng    | 0.03     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.66  | 112 | 1461785 | 120.65 | ng | 0.03 |
| 7) Phenol-d6             | 6.64  | 99  | 1953257 | 121.31 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.58  | 82  | 1301564 | 89.85  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.87 | 330 | 607960  | 145.02 | ng | 0.01 |
| 44) 2-Fluorobiphenyl     | 9.38  | 172 | 2458142 | 93.90  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.17 | 244 | 2856044 | 104.17 | ng | 0.02 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.04 | 88  | 288200  | 46.292 | ng | 88     |
| 3) Pyridine                    | 3.78 | 79  | 757822  | 47.253 | ng | 86     |
| 4) n-Nitrosodimethylamine      | 3.74 | 42  | 409989  | 45.432 | ng | # 80   |
| 6) Aniline                     | 6.68 | 93  | 707736  | 32.316 | ng | 97     |
| 8) 2-Chlorophenol              | 6.81 | 128 | 606765  | 44.464 | ng | 94     |
| 9) Benzaldehyde                | 6.58 | 77  | 314595  | 25.202 | ng | 98     |
| 10) Phenol                     | 6.65 | 94  | 721426  | 43.317 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.75 | 93  | 598953  | 44.484 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 6.97 | 146 | 749885  | 47.526 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 7.04 | 146 | 752114  | 47.443 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.20 | 146 | 689177  | 46.737 | ng | 97     |
| 15) Benzyl Alcohol             | 7.16 | 79  | 585719  | 43.213 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.29 | 45  | 1166932 | 42.070 | ng | 97     |
| 17) 2-Methylphenol             | 7.26 | 107 | 522882  | 44.682 | ng | 95     |
| 18) Hexachloroethane           | 7.54 | 117 | 272011  | 48.196 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 7.42 | 70  | 466019  | 42.802 | ng | # 86   |
| 20) 3+4-Methylphenols          | 7.41 | 107 | 657561  | 43.848 | ng | 90     |
| 22) Acetophenone               | 7.43 | 105 | 884434  | 46.794 | ng | # 95   |
| 24) Nitrobenzene               | 7.60 | 77  | 689899  | 47.098 | ng | 95     |
| 25) Isophorone                 | 7.84 | 82  | 1249802 | 45.266 | ng | 96     |
| 26) 2-Nitrophenol              | 7.92 | 139 | 277786  | 50.216 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 7.95 | 122 | 578686  | 47.223 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 8.04 | 93  | 749520  | 46.501 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.16 | 162 | 544170  | 48.254 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.24 | 180 | 587956  | 47.288 | ng | 98     |
| 31) Naphthalene                | 8.33 | 128 | 1783921 | 48.528 | ng | 98     |
| 32) Benzoic acid               | 8.06 | 122 | 284323  | 40.981 | ng | 91     |
| 33) 4-Chloroaniline            | 8.37 | 127 | 518249  | 32.350 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.44 | 225 | 372962  | 47.384 | ng | 98     |
| 35) Caprolactam                | 8.74 | 113 | 98191   | 27.785 | ng | # 78   |
| 36) 4-Chloro-3-methylphenol    | 8.85 | 107 | 581157  | 47.770 | ng | 98     |
| 37) 2-Methylnaphthalene        | 9.02 | 142 | 1238607 | 47.623 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.19 | 216 | 619439  | 47.993 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.17 | 237 | 717787  | 86.100 | ng | 99     |

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 Sample : PB111971BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

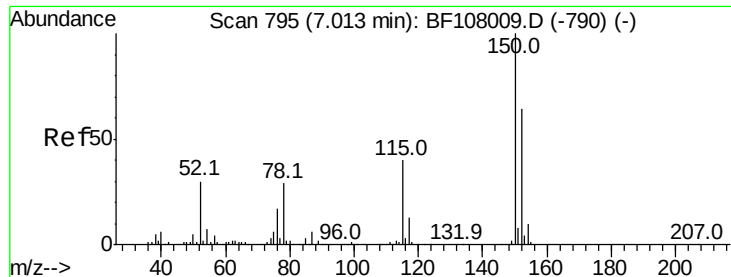
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Aug 13 13:45:00 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 08 12:24:24 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.30  | 196  | 414868   | 51.798 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.34  | 196  | 436211   | 49.475 | ng    | # 94     |
| 45) 1,1'-Biphenyl              | 9.49  | 154  | 1487642  | 48.006 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.52  | 162  | 1175796  | 48.007 | ng    | 96       |
| 47) 2-Nitroaniline             | 9.61  | 65   | 399683   | 50.435 | ng    | 84       |
| 48) Acenaphthylene             | 9.94  | 152  | 1879287  | 48.535 | ng    | 97       |
| 49) Dimethylphthalate          | 9.78  | 163  | 1416868  | 48.395 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.85  | 165  | 305913   | 49.942 | ng    | 97       |
| 51) Acenaphthene               | 10.11 | 154  | 1234972  | 52.074 | ng    | 98       |
| 52) 3-Nitroaniline             | 10.02 | 138  | 259076   | 38.657 | ng    | 99       |
| 53) 2,4-Dinitrophenol          | 10.14 | 184  | 224845   | 96.497 | ng    | # 20     |
| 54) Dibenzofuran               | 10.28 | 168  | 1648051  | 47.965 | ng    | 96       |
| 55) 4-Nitrophenol              | 10.18 | 139  | 497095   | 97.949 | ng    | # 81     |
| 56) 2,4-Dinitrotoluene         | 10.26 | 165  | 422454   | 53.580 | ng    | # 93     |
| 57) Fluorene                   | 10.63 | 166  | 1312583  | 48.258 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.40 | 232  | 374969   | 50.882 | ng    | # 86     |
| 59) Diethylphthalate           | 10.49 | 149  | 1372277  | 48.405 | ng    | 95       |
| 60) 4-Chlorophenyl-phenylether | 10.61 | 204  | 677774   | 47.822 | ng    | 91       |
| 61) 4-Nitroaniline             | 10.65 | 138  | 339650   | 51.260 | ng    | 97       |
| 62) Azobenzene                 | 10.78 | 77   | 1374495  | 46.947 | ng    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 10.67 | 198  | 155727   | 47.972 | ng    | 93       |
| 65) n-Nitrosodiphenylamine     | 10.74 | 169  | 1214771  | 47.539 | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 11.11 | 248  | 446529   | 47.517 | ng    | # 88     |
| 67) Hexachlorobenzene          | 11.18 | 284  | 465477   | 47.078 | ng    | # 90     |
| 68) Atrazine                   | 11.26 | 200  | 422193   | 49.260 | ng    | 96       |
| 69) Pentachlorophenol          | 11.37 | 266  | 464532   | 98.158 | ng    | 96       |
| 70) Phenanthrene               | 11.60 | 178  | 1937913  | 47.515 | ng    | 96       |
| 71) Anthracene                 | 11.65 | 178  | 1980718  | 47.383 | ng    | 97       |
| 72) Carbazole                  | 11.80 | 167  | 1777543  | 47.860 | ng    | 98       |
| 73) Di-n-butylphthalate        | 12.12 | 149  | 2112073  | 50.206 | ng    | # 97     |
| 74) Fluoranthene               | 12.79 | 202  | 2139658  | 48.069 | ng    | 96       |
| 76) Benzidine                  | 12.91 | 184  | 1031226  | 39.592 | ng    | 99       |
| 77) Pyrene                     | 13.03 | 202  | 2134780  | 48.369 | ng    | 96       |
| 79) Butylbenzylphthalate       | 13.63 | 149  | 938850   | 53.570 | ng    | 95       |
| 80) Benzo(a)anthracene         | 14.22 | 228  | 1902478  | 47.552 | ng    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 14.18 | 252  | 493911   | 34.448 | ng    | # 96     |
| 82) Chrysene                   | 14.26 | 228  | 1735693  | 47.321 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.18 | 149  | 1226421  | 51.676 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 14.81 | 149  | 1924300  | 53.165 | ng    | # 94     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.45 | 276  | 1371636  | 43.159 | ng    | # 91     |
| 87) Benzo(b)fluoranthene       | 15.37 | 252  | 1526818  | 48.402 | ng    | 96       |
| 88) Benzo(k)fluoranthene       | 15.37 | 252  | 1526818  | 52.654 | ng    | # 97     |
| 89) Benzo(a)pyrene             | 15.74 | 252  | 1447344  | 51.238 | ng    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 17.47 | 278  | 1142972  | 48.904 | ng    | # 94     |
| 91) Benzo(g,h,i)perylene       | 17.95 | 276  | 1123865  | 48.834 | ng    | # 91     |

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



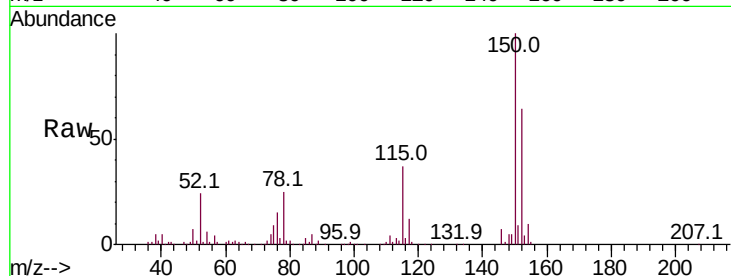


#1

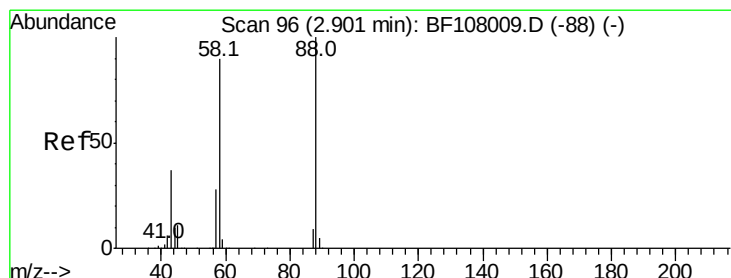
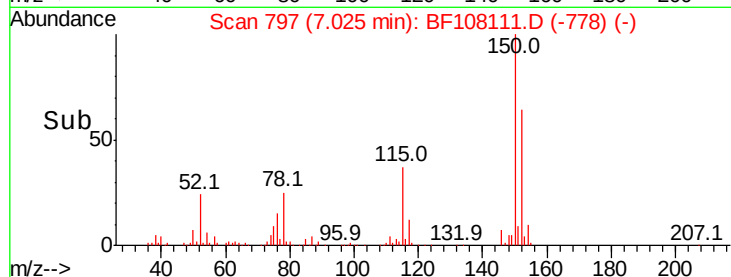
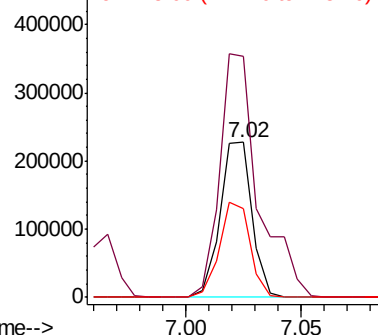
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.02 min Scan# 797  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.0 | 124.6 | 186.8 |
| 115     | 57.2  | 50.1  | 75.1  |



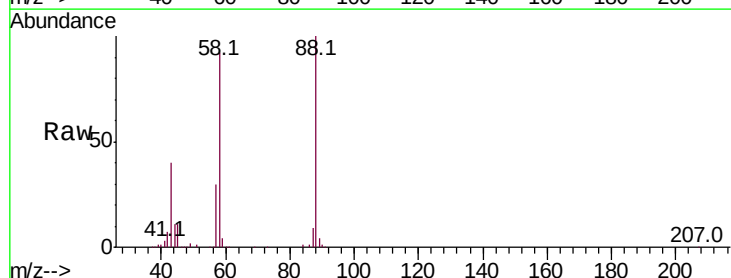
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



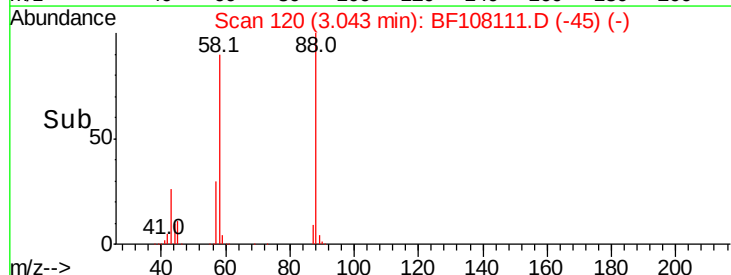
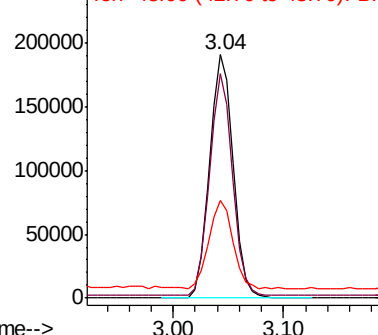
#2

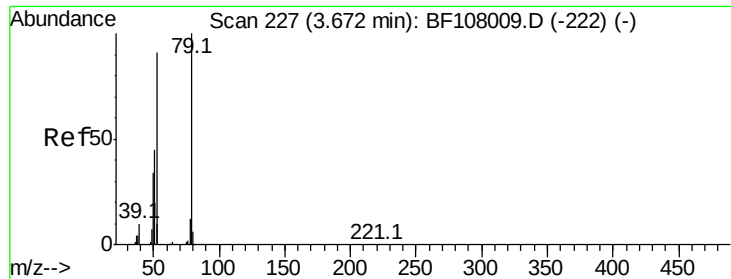
1,4-Dioxane  
Concen: 46.292 ng  
RT: 3.04 min Scan# 120  
Delta R.T. 0.14 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 88.6  | 62.6  | 93.8  |
| 43      | 36.7  | 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: 47.253 ng

RT: 3.78 min Scan# 245

Delta R.T. 0.11 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampleId :

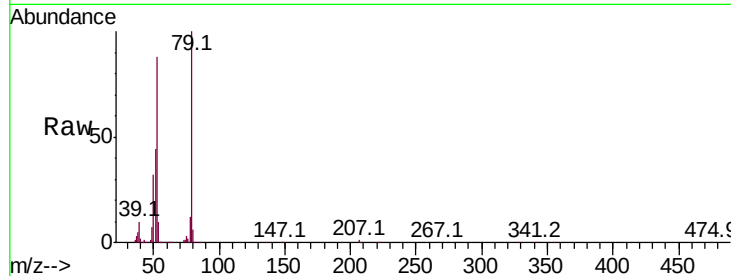
Tot Ion: 79 Resp: 757822

Ion Ratio Lower Upper

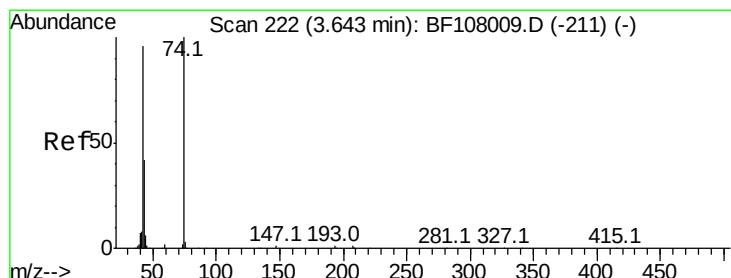
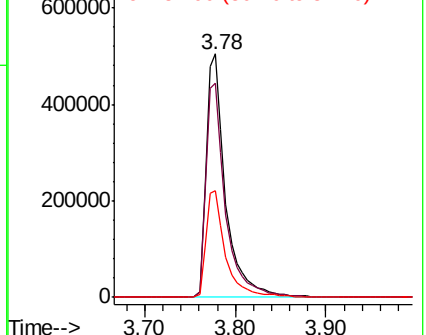
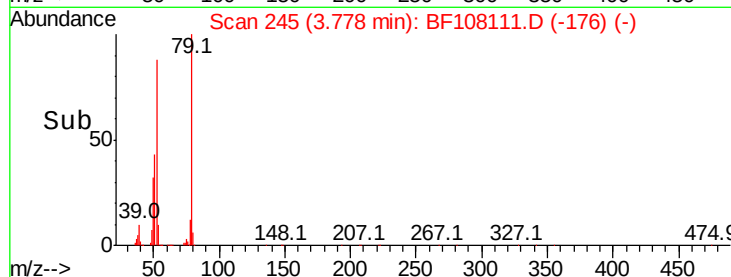
79 100

52 88.1 59.8 89.6

51 43.6 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: 45.432 ng

RT: 3.74 min Scan# 239

Delta R.T. 0.10 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

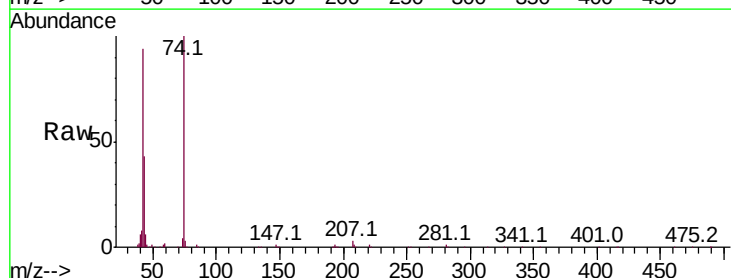
Tgt Ion: 42 Resp: 409989

Ion Ratio Lower Upper

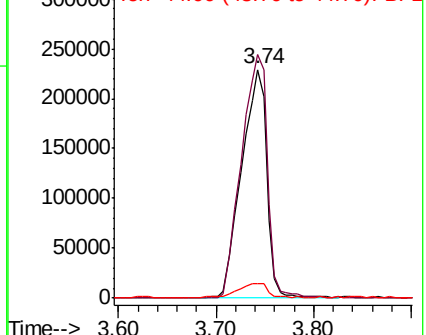
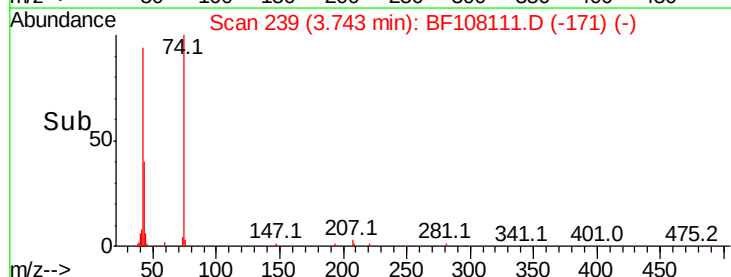
42 100

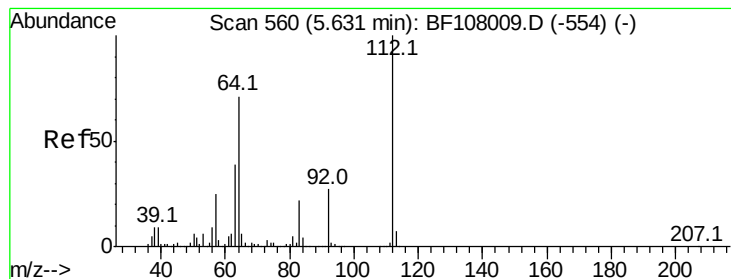
74 106.6 104.9 157.3

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: 120.647 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampleId :

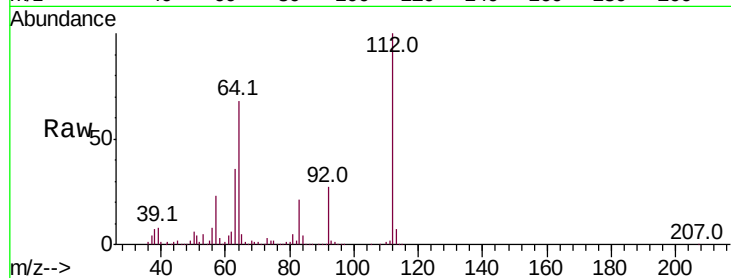
Tot Ion:112 Resp: 1461785

Ion Ratio Lower Upper

112 100

64 68.1 47.9 71.9

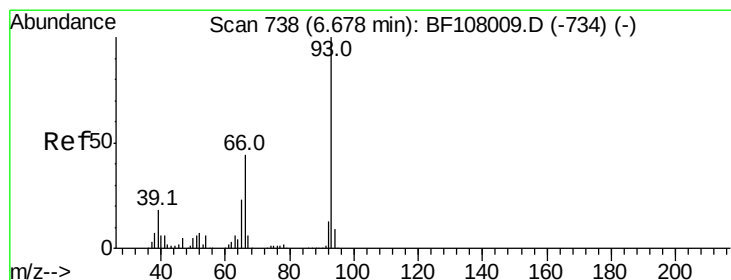
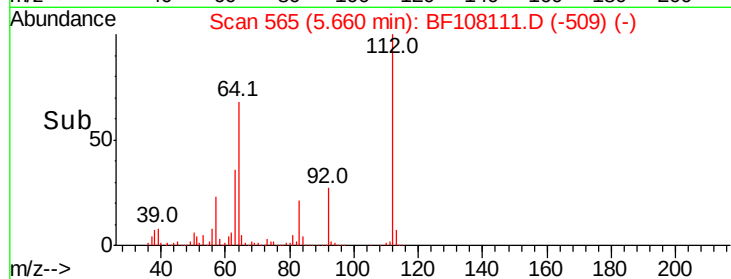
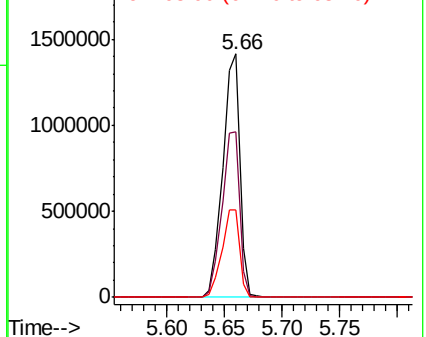
63 36.0 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.316 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

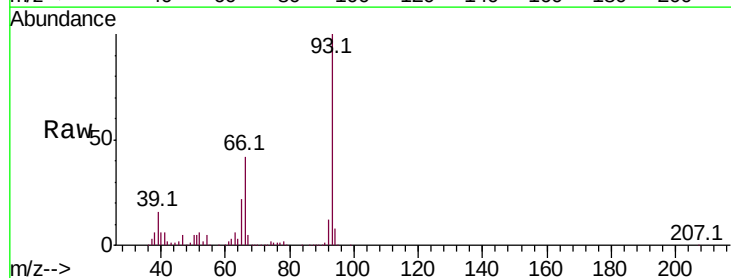
Tgt Ion: 93 Resp: 707736

Ion Ratio Lower Upper

93 100

66 41.9 32.2 48.2

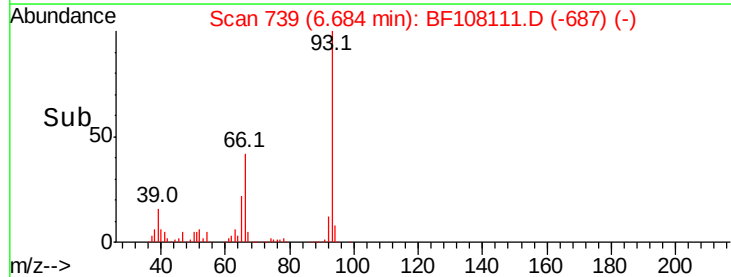
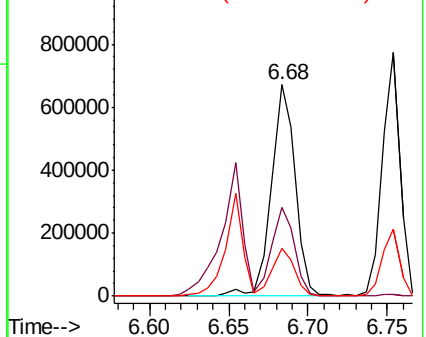
65 22.5 16.4 24.6

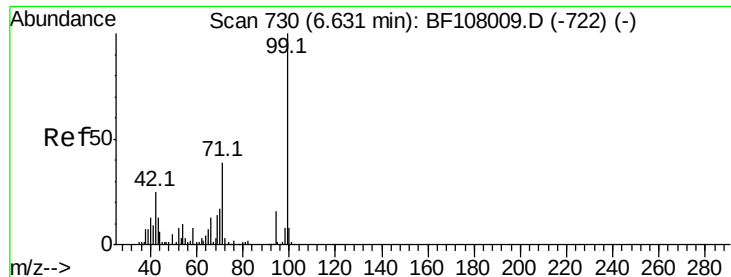


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.314 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampleId :

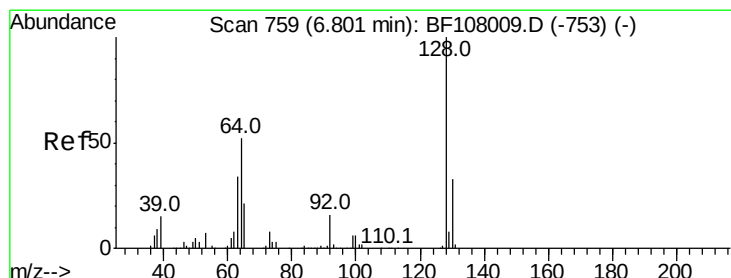
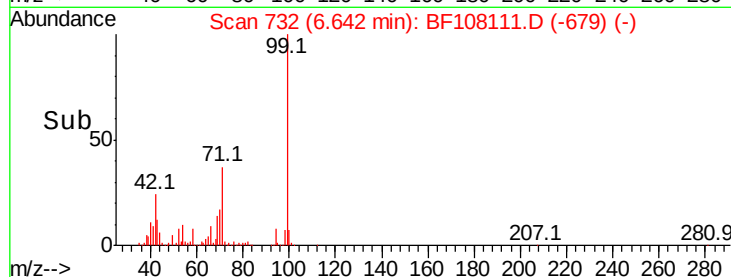
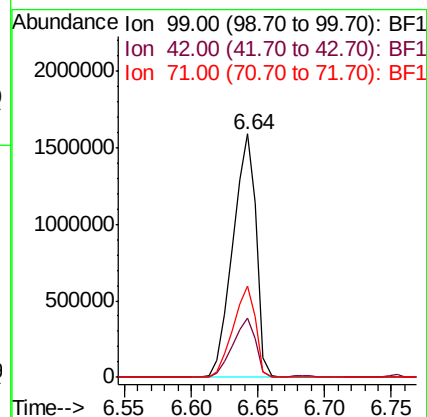
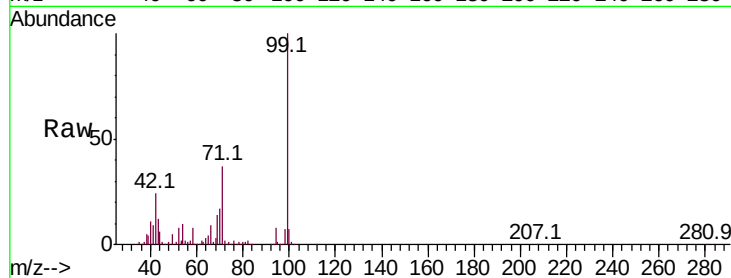
Tot Ion: 99 Resp: 1953257

Ion Ratio Lower Upper

99 100

42 24.4 14.5 21.7#

71 37.5 25.4 38.0



#8

2-Chlorophenol

Concen: 44.464 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

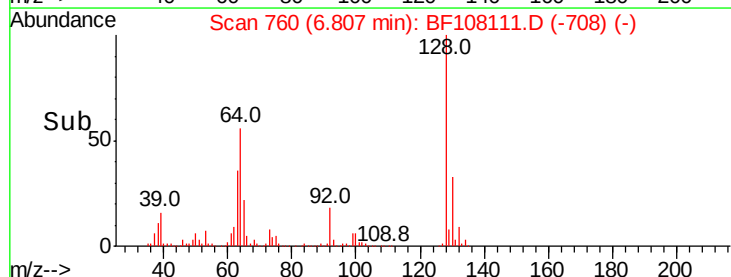
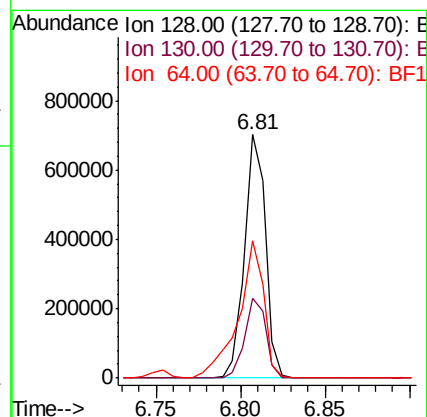
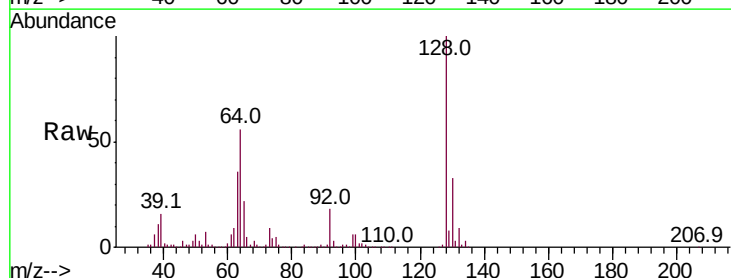
Tgt Ion:128 Resp: 606765

Ion Ratio Lower Upper

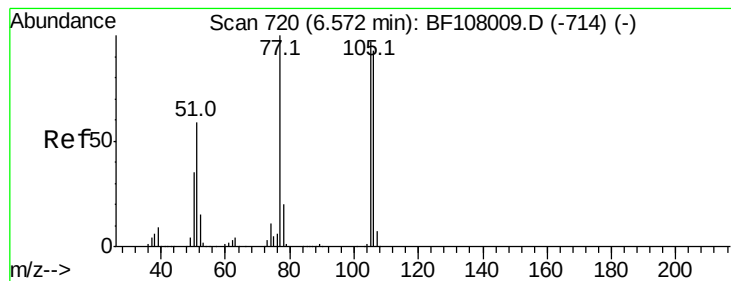
128 100

130 32.6 13.0 53.0

64 56.3 29.4 69.4







#9

Benzaldehyde

Concen: 25.202 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampled :

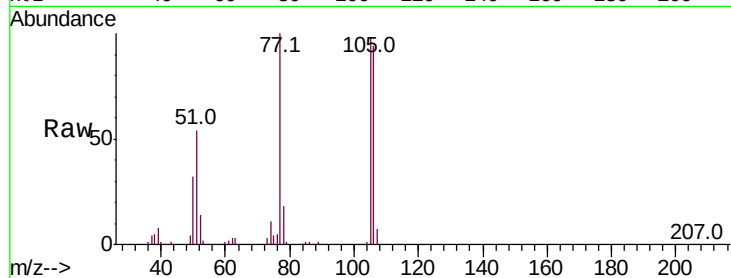
Tot Ion: 77 Resp: 314595

Ion Ratio Lower Upper

77 100

105 98.5 81.1 121.1

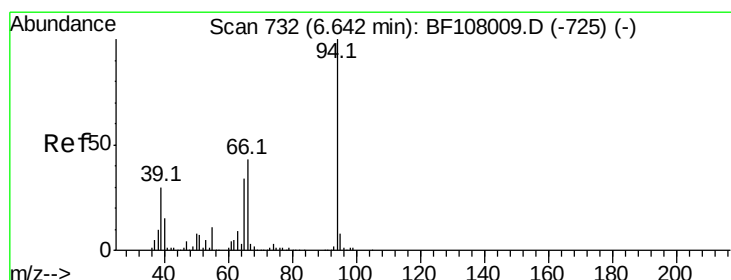
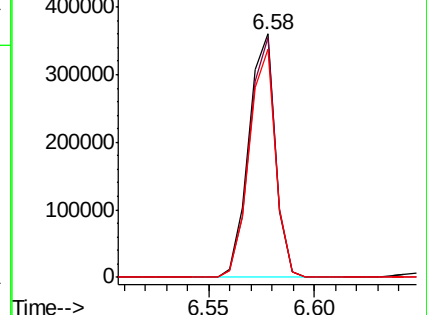
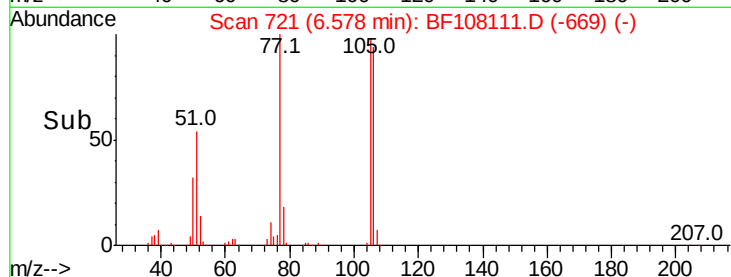
106 93.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.317 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

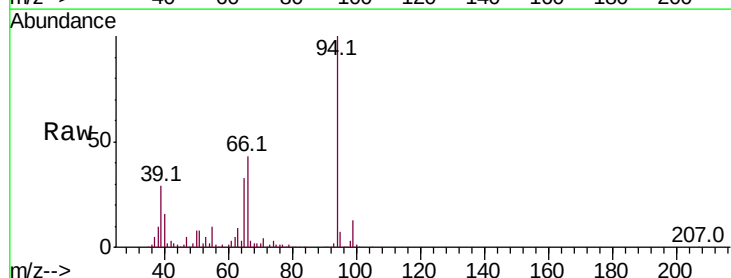
Tgt Ion: 94 Resp: 721426

Ion Ratio Lower Upper

94 100

65 33.0 7.9 47.9

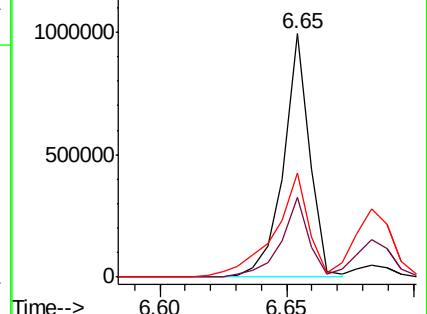
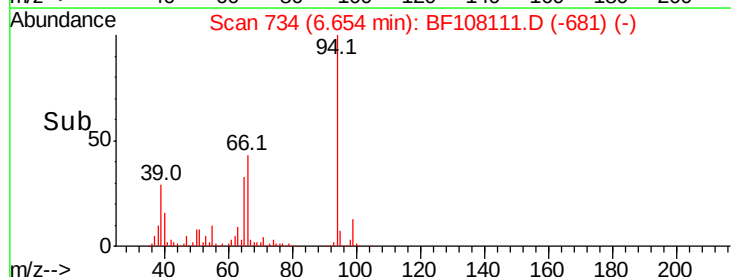
66 42.8 16.2 56.2



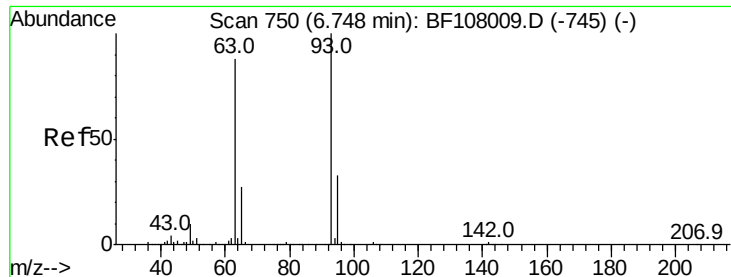
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



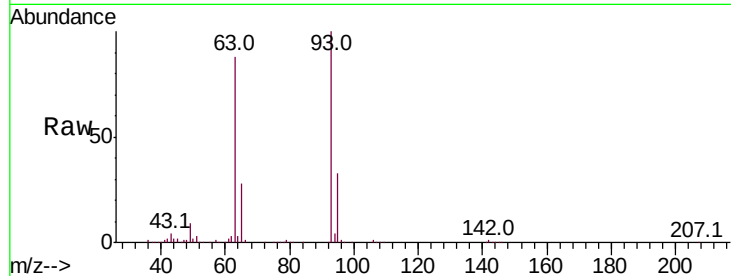




#11  
bis(2-Chloroethyl)ether  
Concen: 44.484 ng  
RT: 6.75 min Scan# 751  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 87.6  | 58.6  | 98.6  |
| 95      | 33.4  | 11.8  | 51.8  |

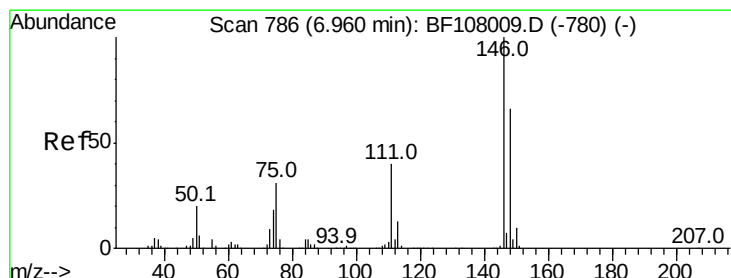
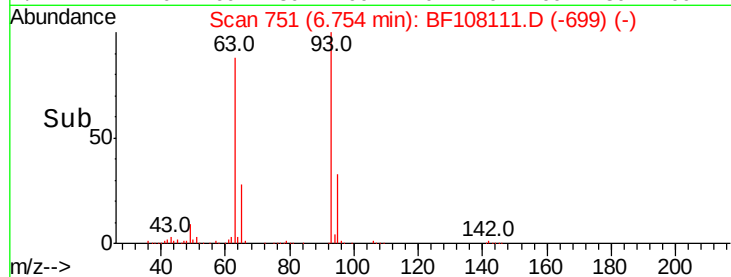
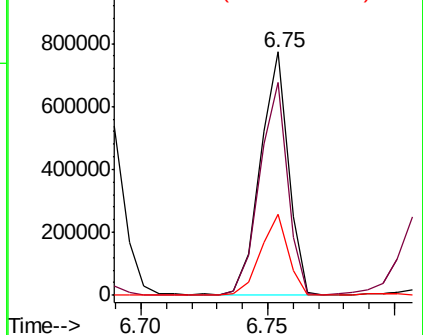


Abundance

Ion 93.00 (92.70 to 93.70): BF1

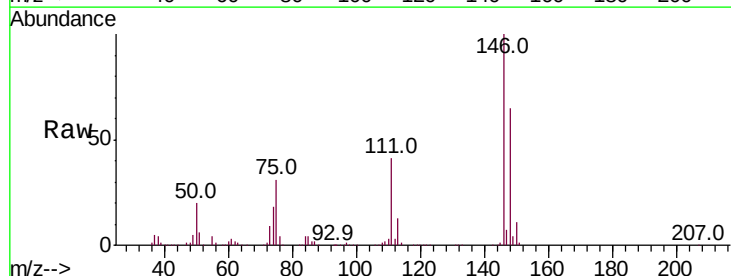
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12  
1,3-Dichlorobenzene  
Concen: 47.526 ng  
RT: 6.97 min Scan# 787  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.8  | 51.8  | 77.8  |
| 75      | 30.6  | 24.2  | 36.4  |

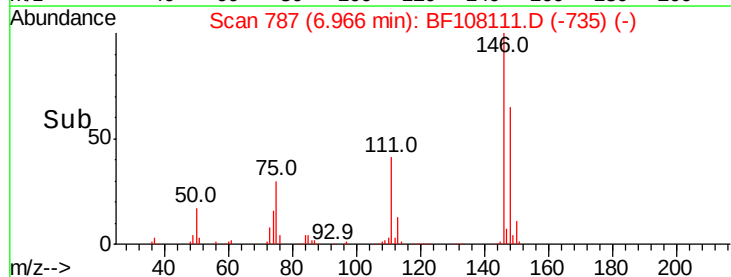
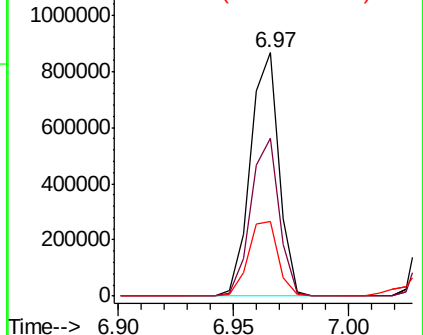


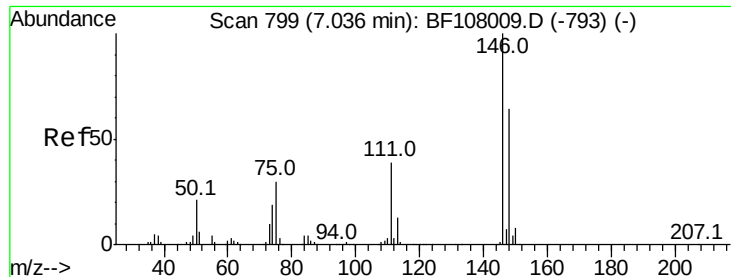
Abundance

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

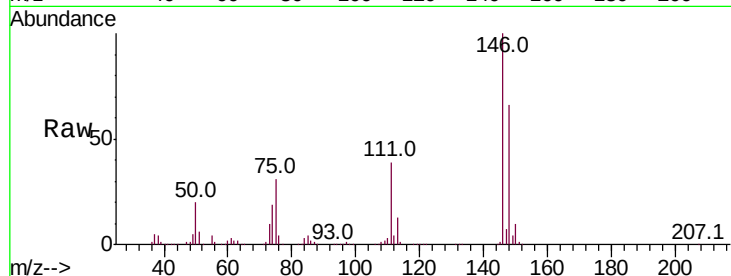




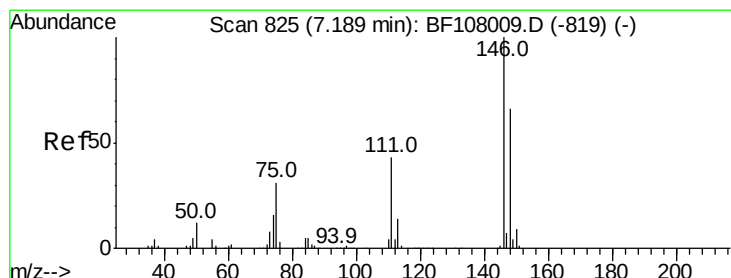
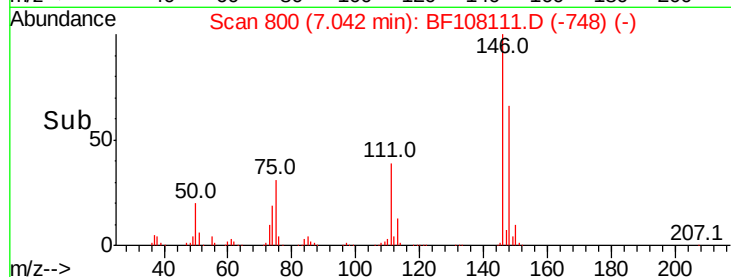
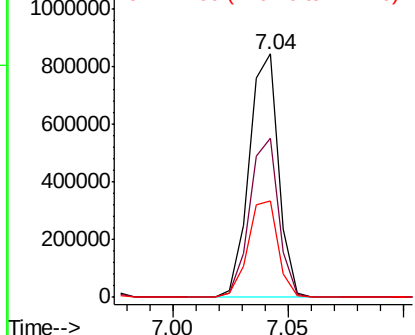
#13  
1,4-Dichlorobenzene  
Concen: 47.443 ng  
RT: 7.04 min Scan# 800  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:146 Resp: 752114  
Ion Ratio Lower Upper  
146 100  
148 65.5 50.8 76.2  
111 39.5 34.2 51.2

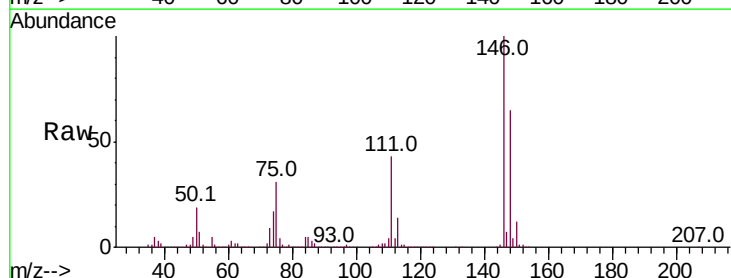


Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E

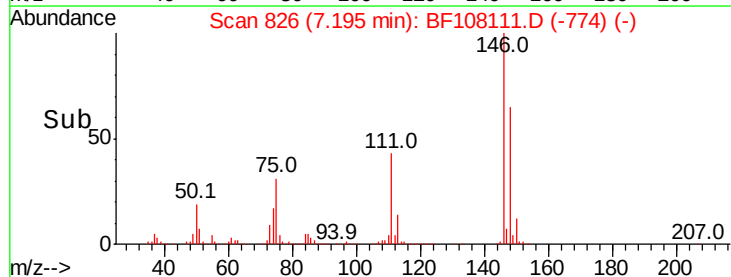
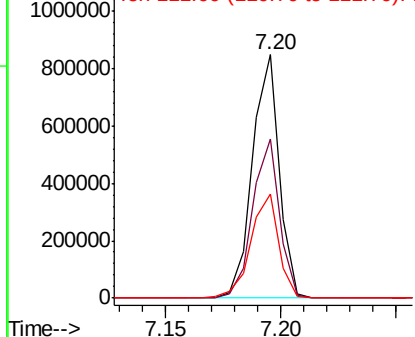


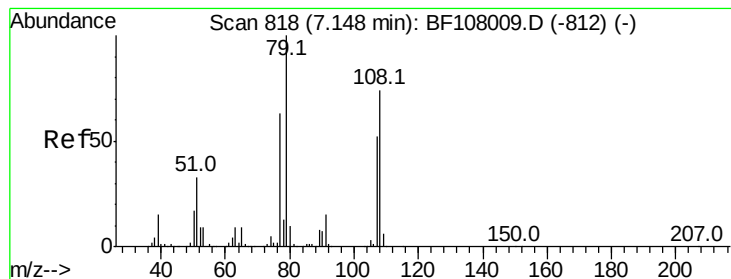
#14  
1,2-Dichlorobenzene  
Concen: 46.737 ng  
RT: 7.20 min Scan# 826  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Tgt Ion:146 Resp: 689177  
Ion Ratio Lower Upper  
146 100  
148 65.4 50.6 75.8  
111 42.7 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.213 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampleId :

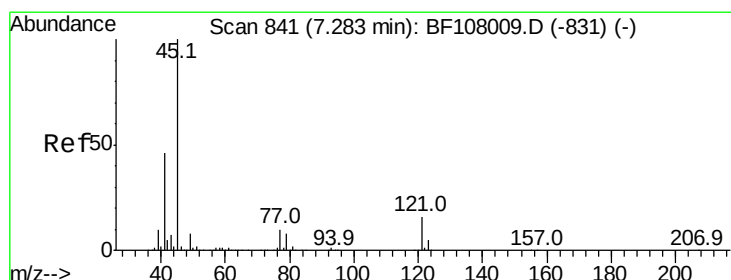
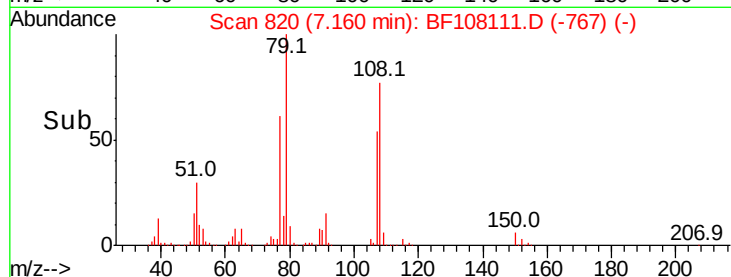
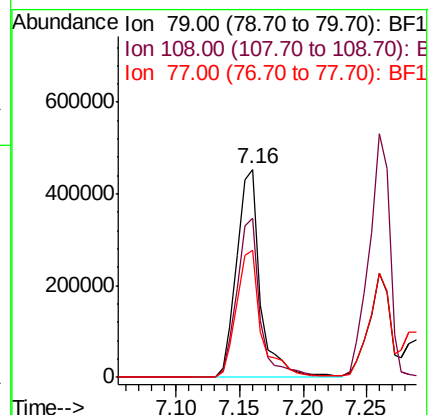
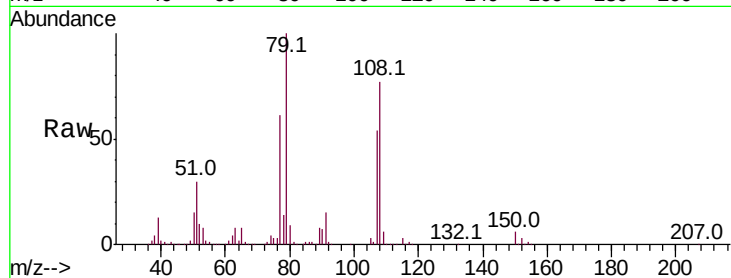
Tot Ion: 79 Resp: 585719

Ion Ratio Lower Upper

79 100

108 76.6 65.1 97.7

77 61.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.070 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

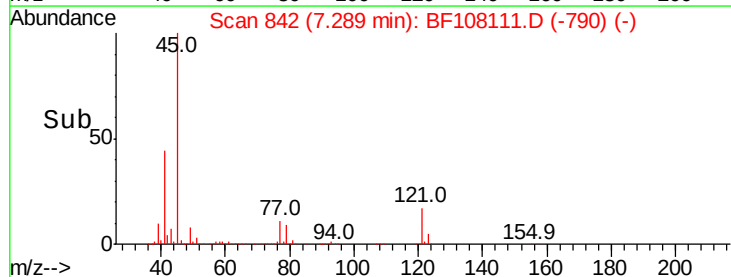
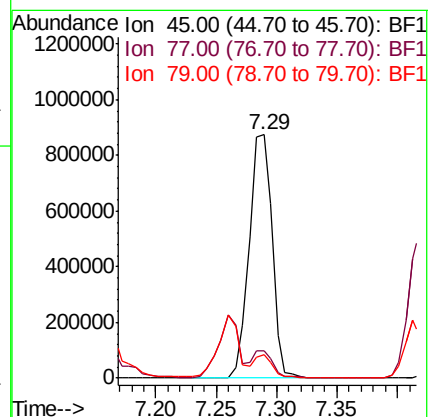
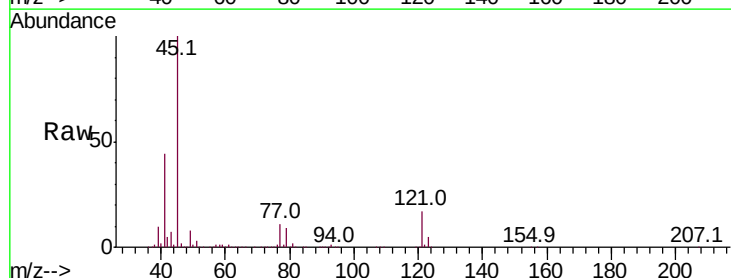
Tgt Ion: 45 Resp: 1166932

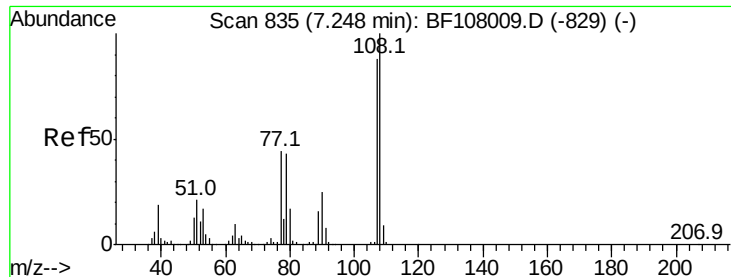
Ion Ratio Lower Upper

45 100

77 11.3 0.0 32.9

79 9.4 0.0 29.6

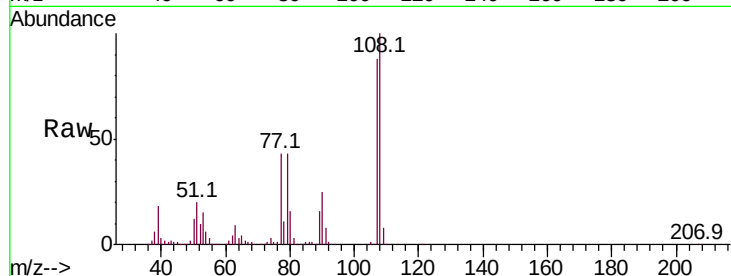




#17  
2-Methylphenol  
Concen: 44.682 ng  
RT: 7.26 min Scan# 837  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 522882 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.8 | 91.7  | 137.5  |
| 77       | 48.6  | 33.8  | 50.8   |
| 79       | 48.5  | 33.8  | 50.8   |



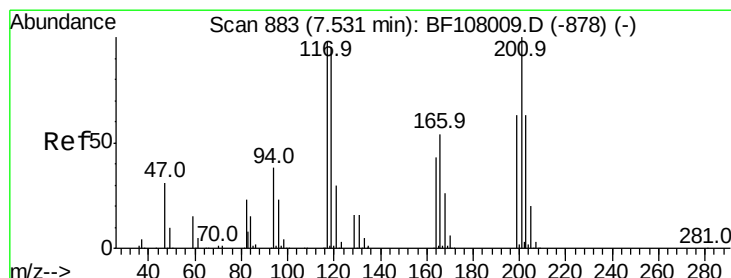
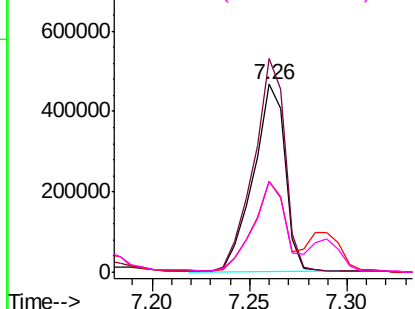
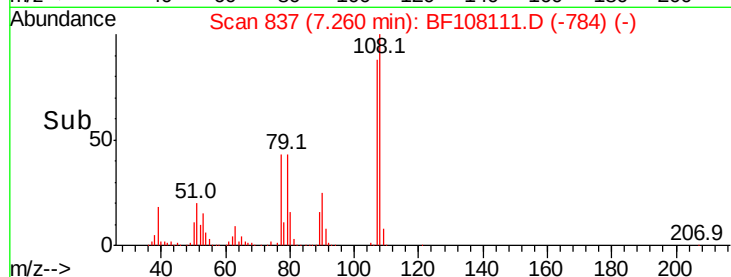
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

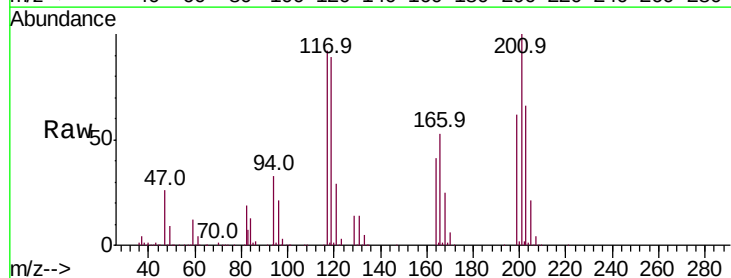
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 48.196 ng  
RT: 7.54 min Scan# 884  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 272011 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.4  | 75.8  | 113.8  |
| 201      | 109.0 | 75.7  | 113.5  |

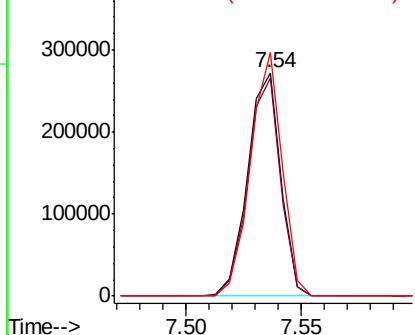
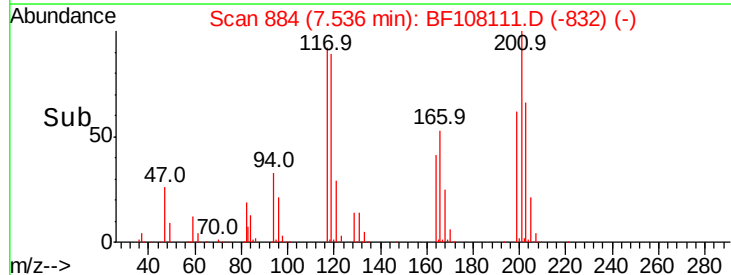


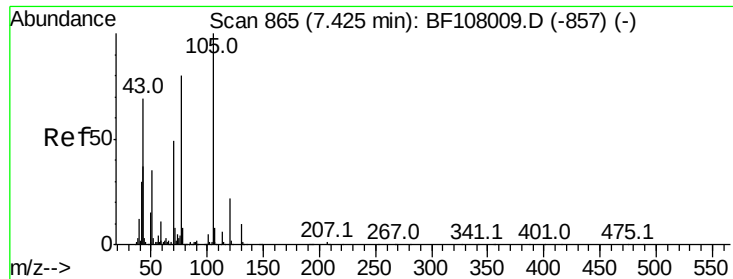
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

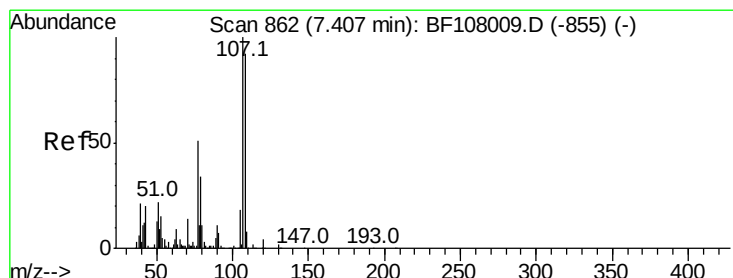
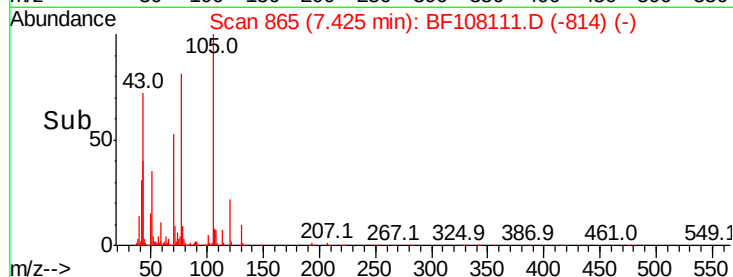
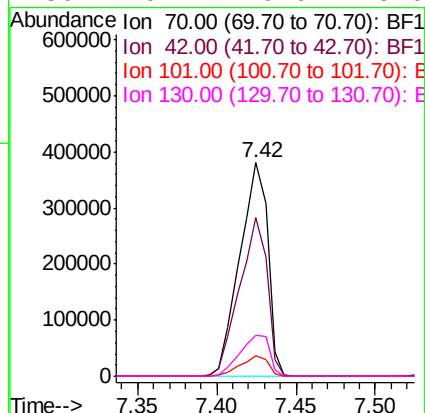
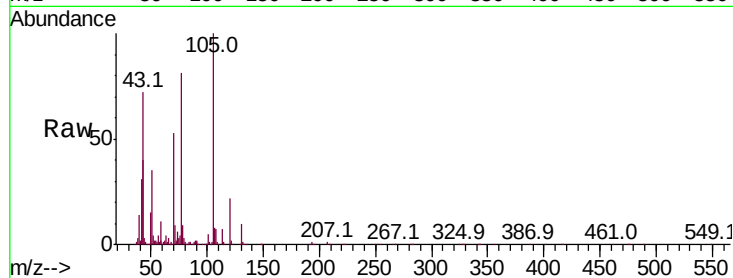




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.802 ng  
RT: 7.42 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

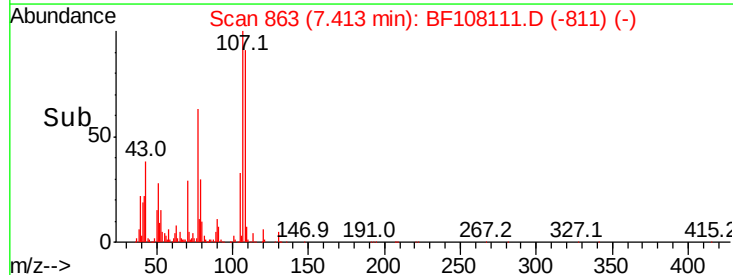
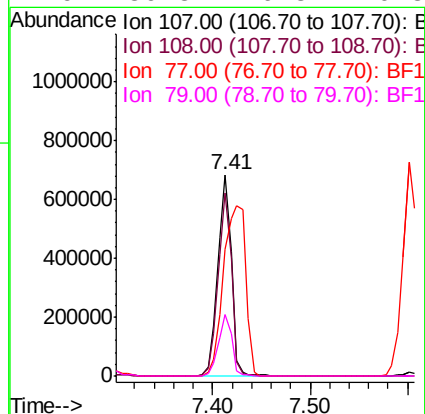
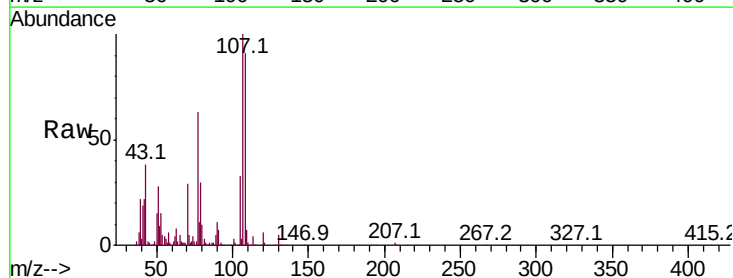
Instrument :  
BNA\_F  
ClientSampleId :

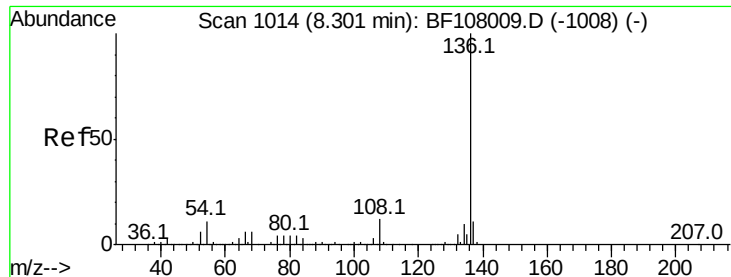
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 74.3  | 47.5  | 71.3# |
| 101     | 9.3   | 7.4   | 11.2  |
| 130     | 19.4  | 16.6  | 25.0  |



#20  
3+4-Methylphenols  
Concen: 43.848 ng  
RT: 7.41 min Scan# 863  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 91.3  | 68.2  | 108.2 |
| 77      | 63.1  | 26.7  | 66.7  |
| 79      | 30.3  | 6.3   | 46.3  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.31 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF108111.D

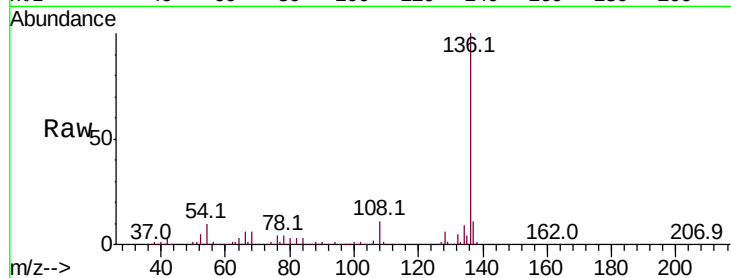
Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 808327   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.2  | 8.9 13.3 |
| 54          | 10.2  | 6.6 9.8# |
| 68          | 6.4   | 5.0 7.4  |



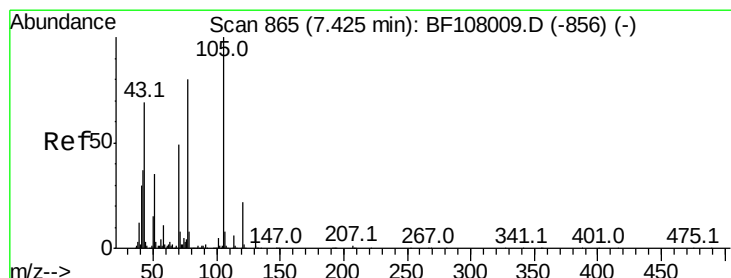
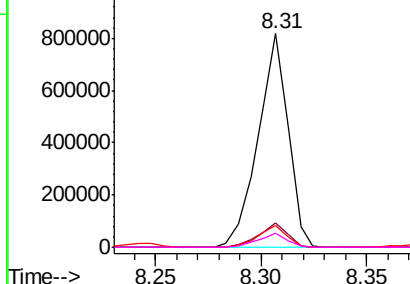
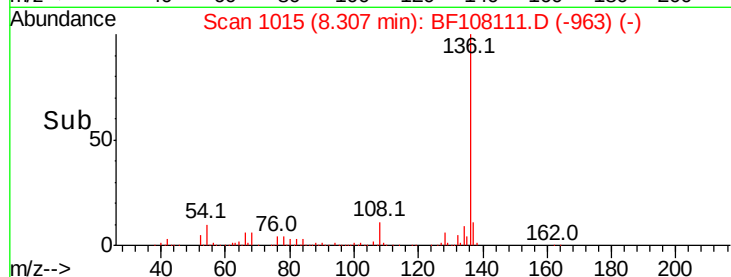
Abundance

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: 46.794 ng

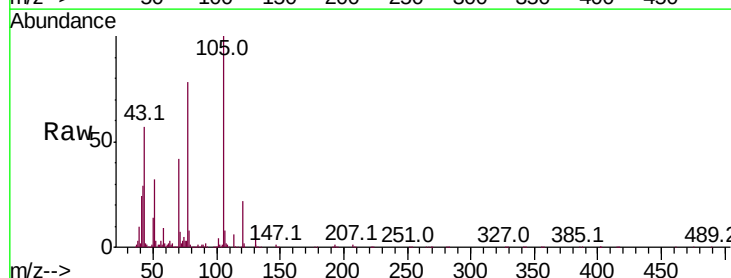
RT: 7.43 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 884434    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 6.9   | 4.4 6.6#  |
| 51          | 32.1  | 22.3 33.5 |
| 120         | 21.6  | 16.9 25.3 |



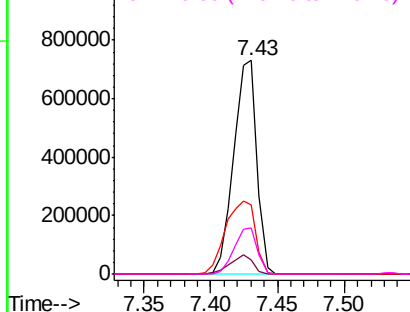
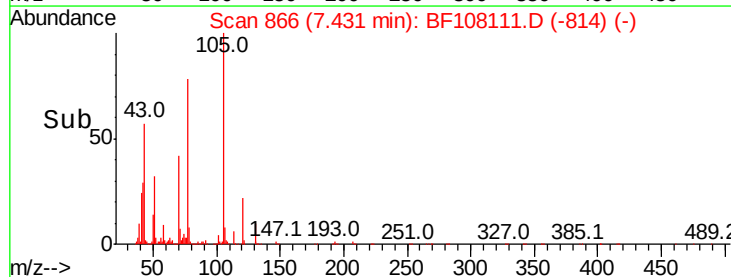
Abundance

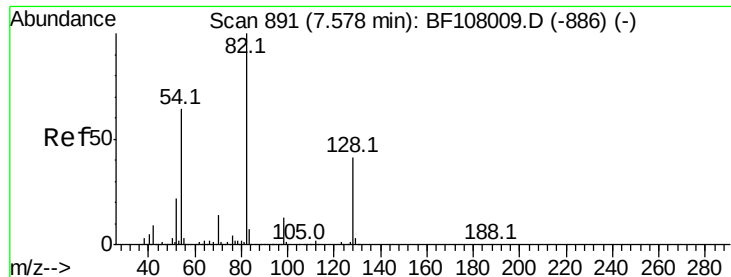
Ion 105.00 (104.70 to 105.70): E

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

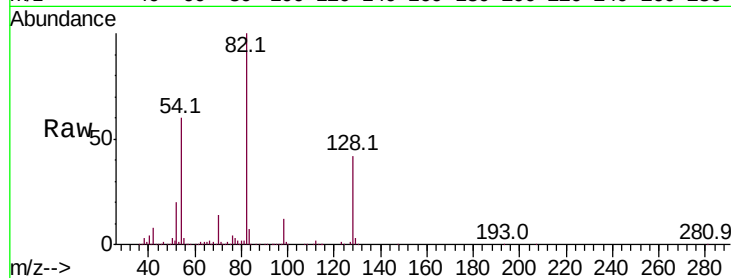




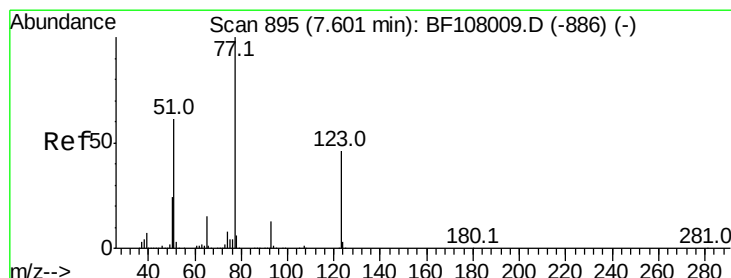
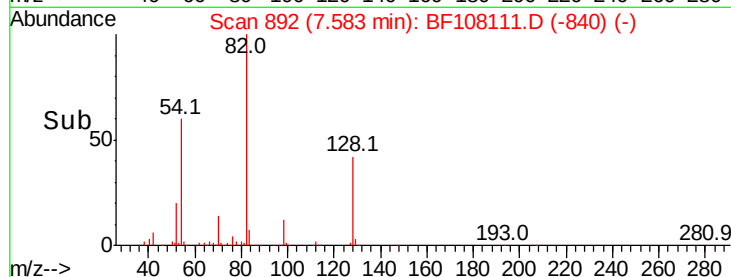
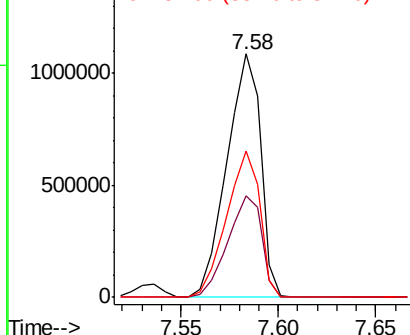
#23  
 Nitrobenzene-d5  
 Concen: 89.851 ng  
 RT: 7.58 min Scan# 892  
 Delta R.T. 0.01 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion: 82 Resp: 1301564  
 Ion Ratio Lower Upper  
 82 100  
 128 42.0 36.1 54.1  
 54 60.1 41.4 62.2

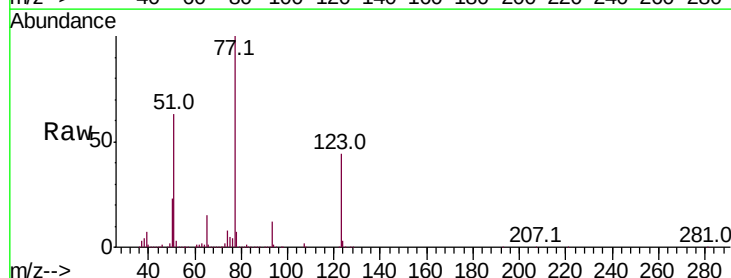


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

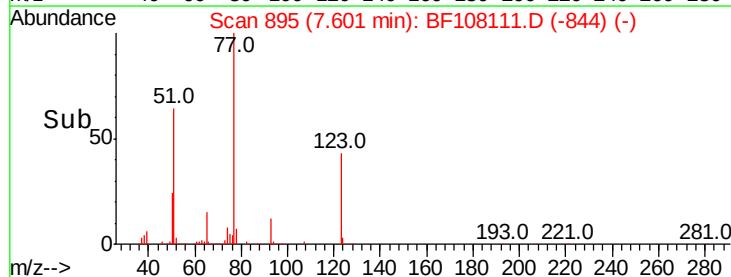
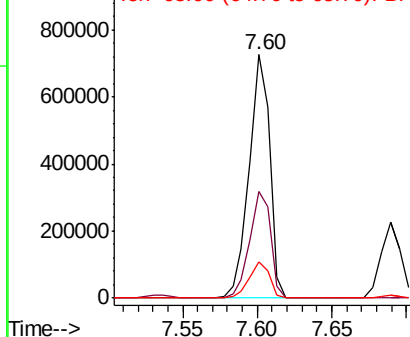


#24  
 Nitrobenzene  
 Concen: 47.098 ng  
 RT: 7.60 min Scan# 895  
 Delta R.T. 0.00 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

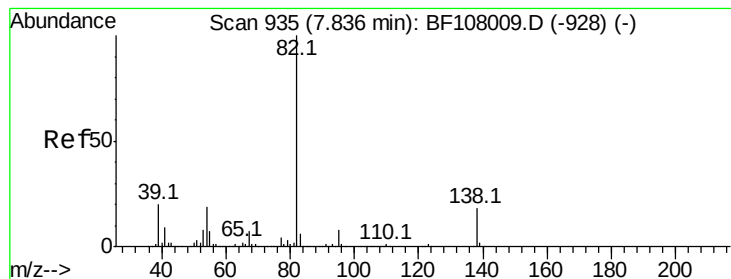
Tgt Ion: 77 Resp: 689899  
 Ion Ratio Lower Upper  
 77 100  
 123 43.6 37.9 56.9  
 65 14.8 11.0 16.4



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: 45.266 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampleId :

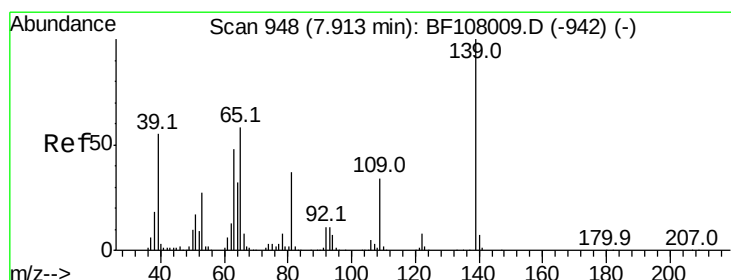
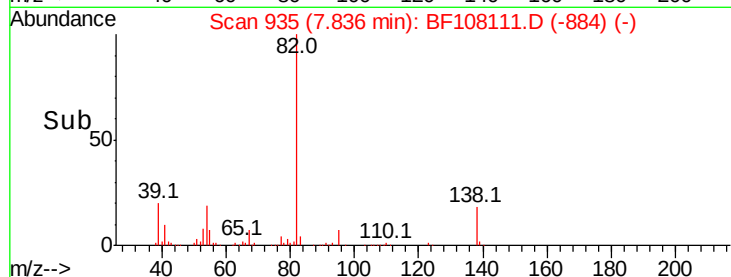
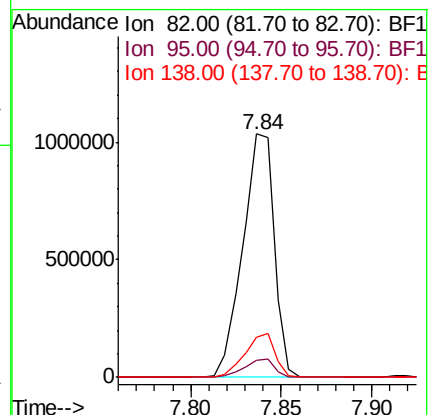
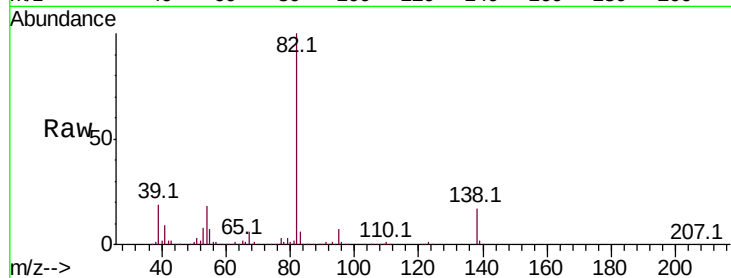
Tot Ion: 82 Resp: 1249802

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 16.6 14.9 22.3



#26

2-Nitrophenol

Concen: 50.216 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

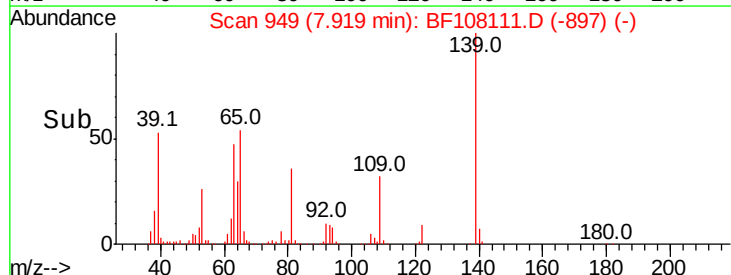
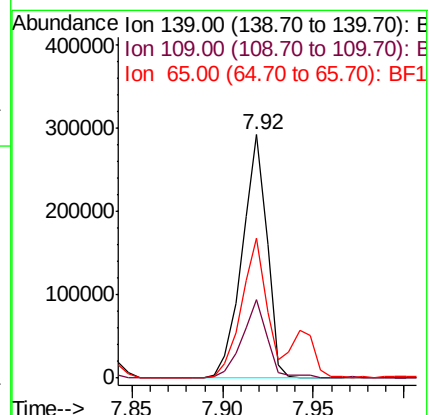
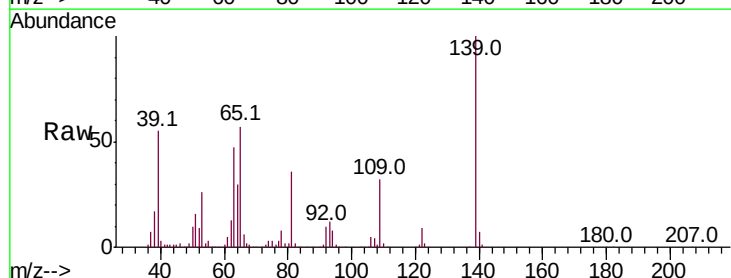
Tgt Ion:139 Resp: 277786

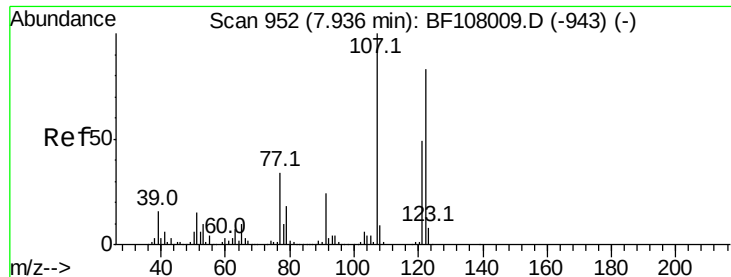
Ion Ratio Lower Upper

139 100

109 32.3 22.7 34.1

65 57.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 47.223 ng

RT: 7.95 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampleId :

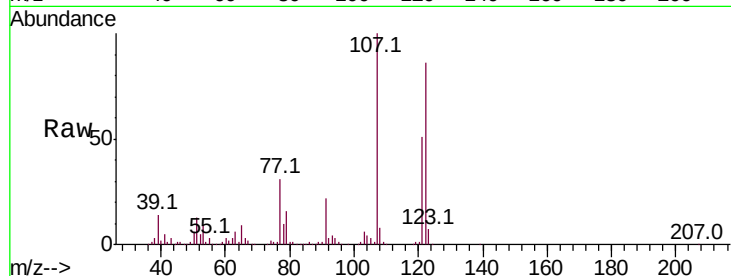
Tot Ion:122 Resp: 578686

Ion Ratio Lower Upper

122 100

107 115.9 91.2 136.8

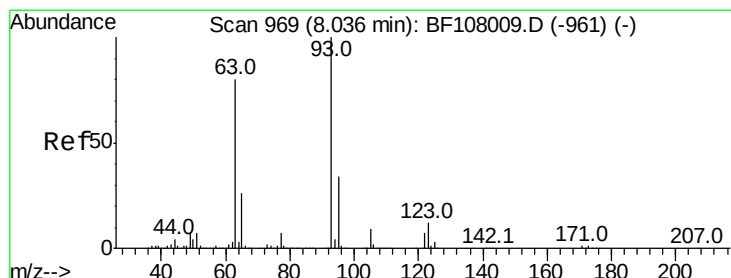
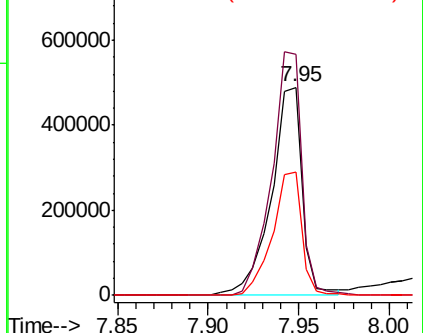
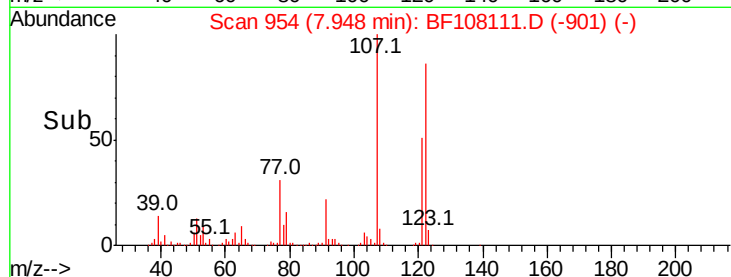
121 59.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.501 ng

RT: 8.04 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

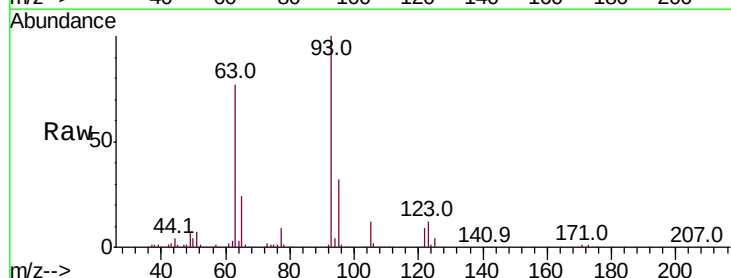
Tgt Ion: 93 Resp: 749520

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

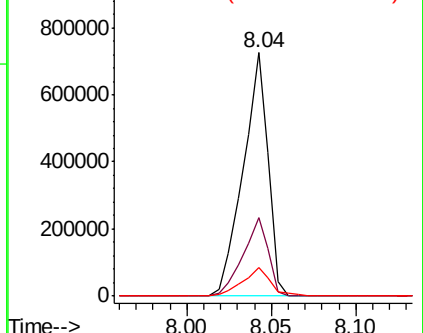
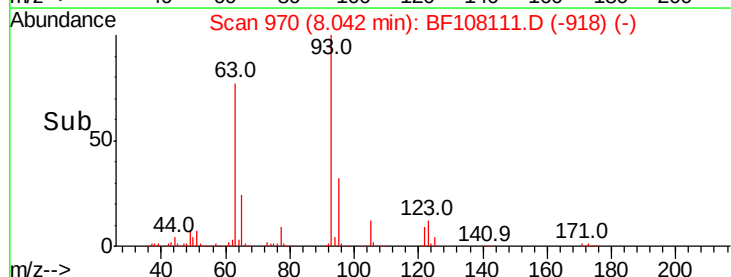
123 11.5 9.8 14.6

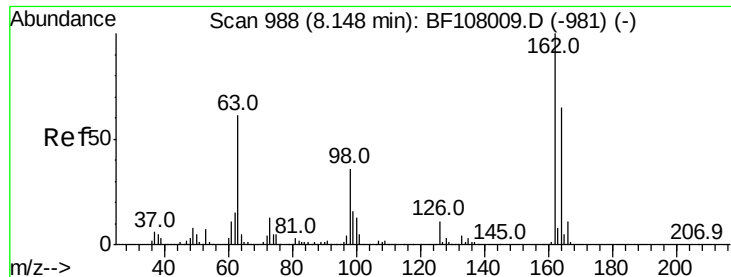


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

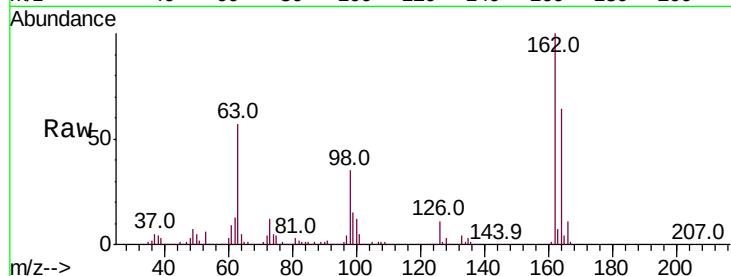




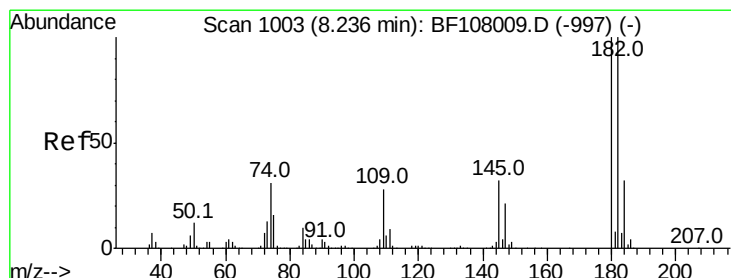
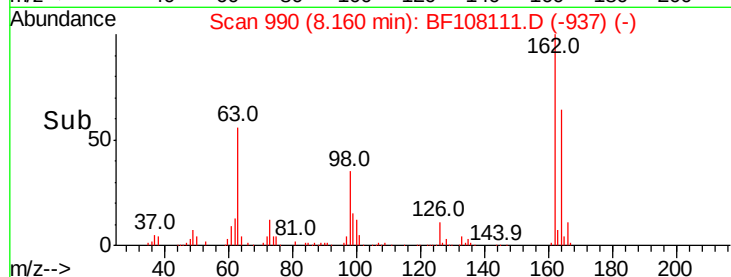
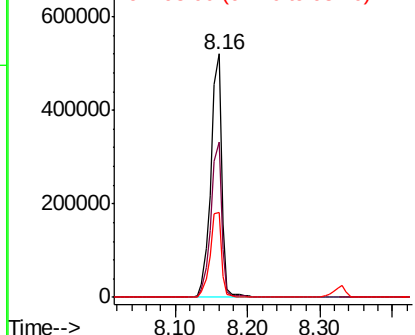
#29  
2,4-Dichlorophenol  
Concen: 48.254 ng  
RT: 8.16 min Scan# 990  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.6  | 42.7  | 82.7  |
| 98      | 34.8  | 18.1  | 58.1  |

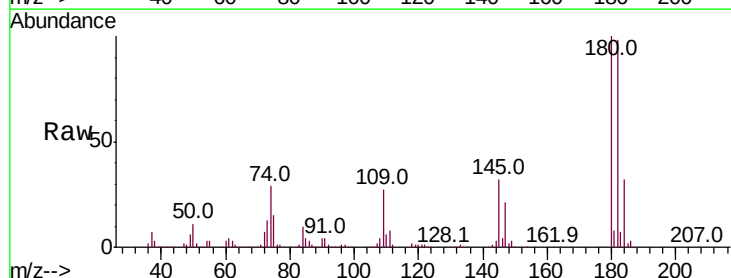


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

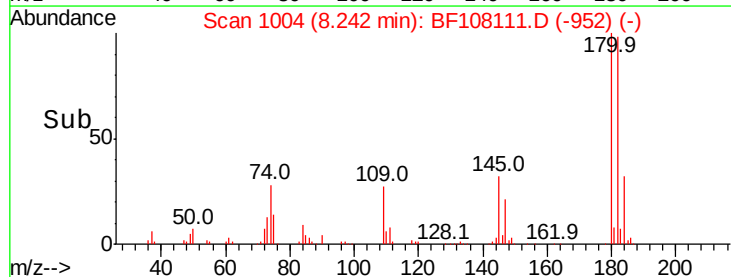
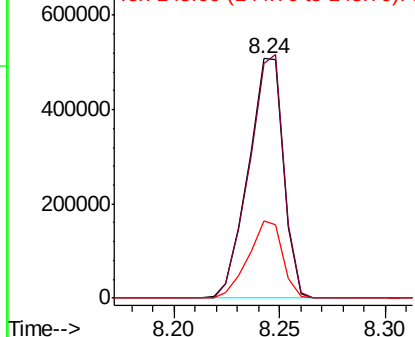


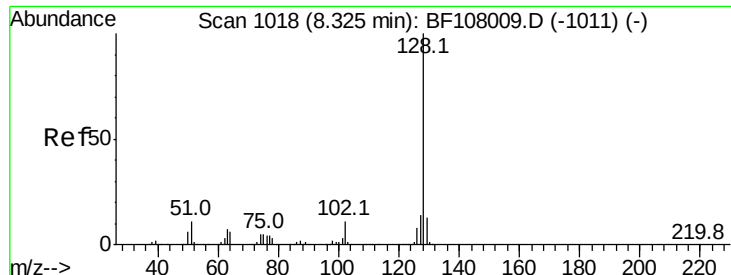
#30  
1,2,4-Trichlorobenzene  
Concen: 47.288 ng  
RT: 8.24 min Scan# 1004  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.8  | 76.8  | 115.2 |
| 145     | 32.2  | 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

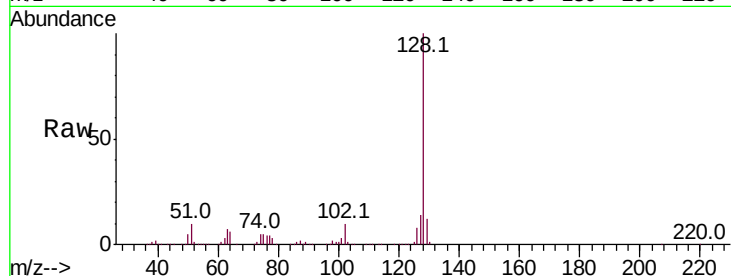




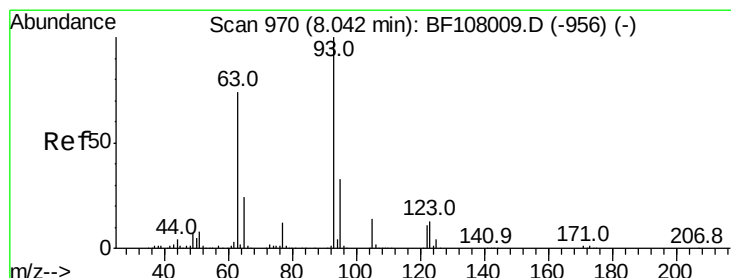
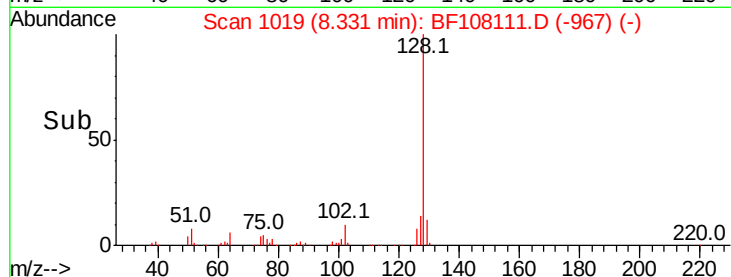
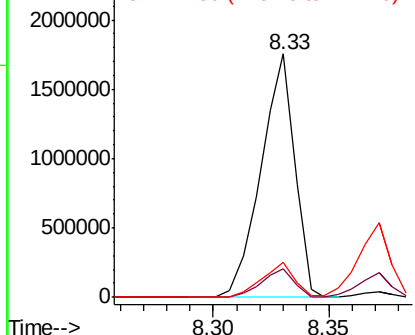
#31  
Naphthalene  
Concen: 48.528 ng  
RT: 8.33 min Scan# 1019  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:128 Resp: 1783921  
Ion Ratio Lower Upper  
128 100  
129 11.8 8.8 13.2  
127 14.2 10.9 16.3

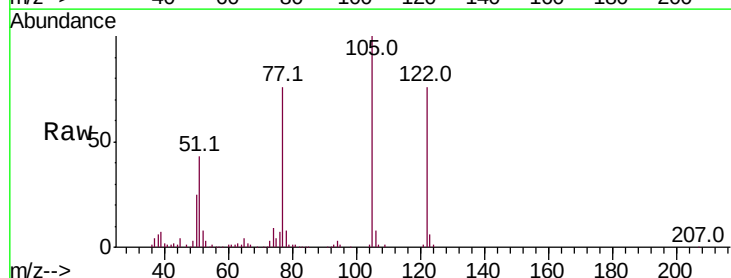


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

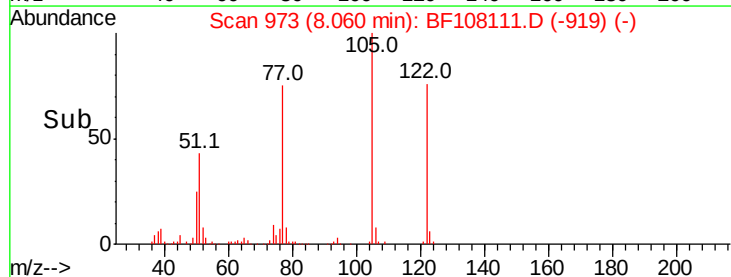
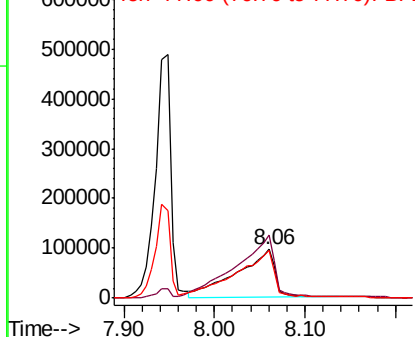


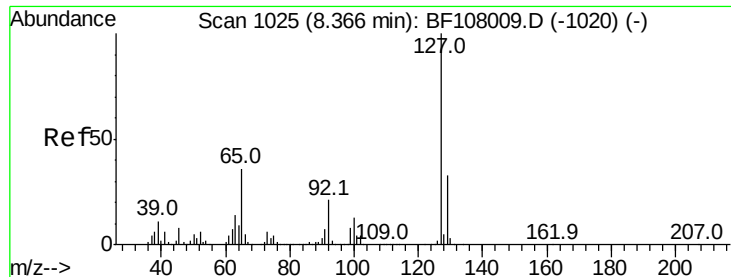
#32  
Benzoic acid  
Concen: 40.981 ng  
RT: 8.06 min Scan# 973  
Delta R.T. 0.02 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Tgt Ion:122 Resp: 284323  
Ion Ratio Lower Upper  
122 100  
105 131.5 101.1 141.1  
77 99.9 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

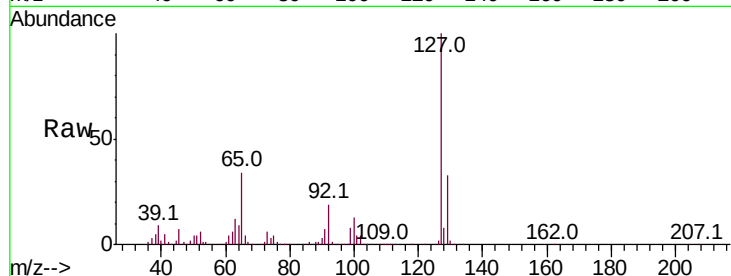




#33  
4-Chloroaniline  
Concen: 32.350 ng  
RT: 8.37 min Scan# 1026  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 518249 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.2  | 25.9  | 38.9   |
| 65       | 33.6  | 25.0  | 37.4   |
| 92       | 19.3  | 15.2  | 22.8   |



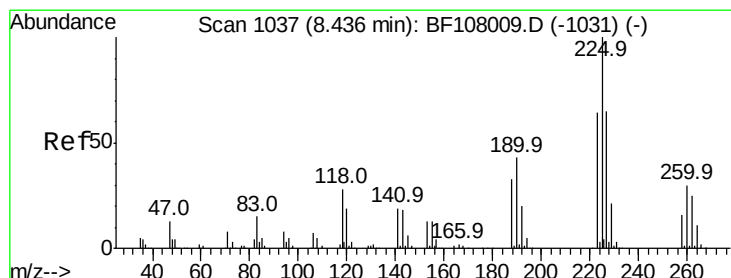
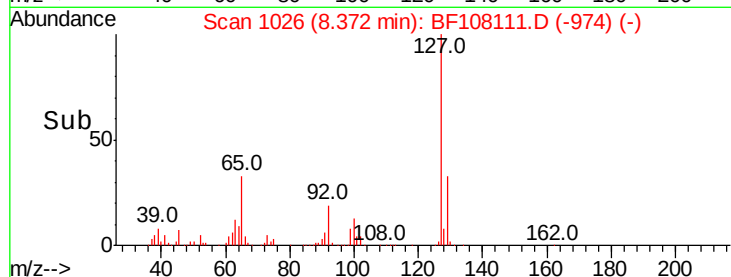
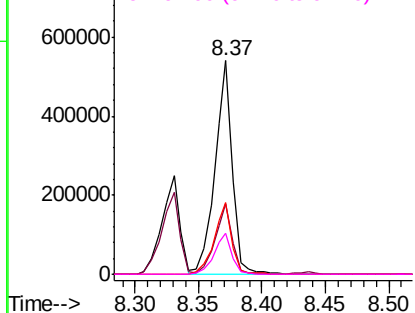
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

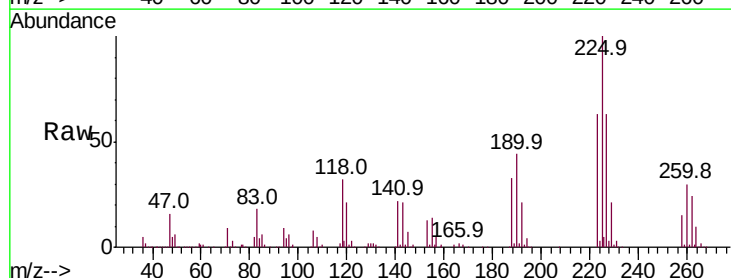
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34  
Hexachlorobutadiene  
Concen: 47.384 ng  
RT: 8.44 min Scan# 1037  
Delta R.T. 0.00 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 372962 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.7  | 50.6  | 76.0   |
| 227      | 63.0  | 51.9  | 77.9   |

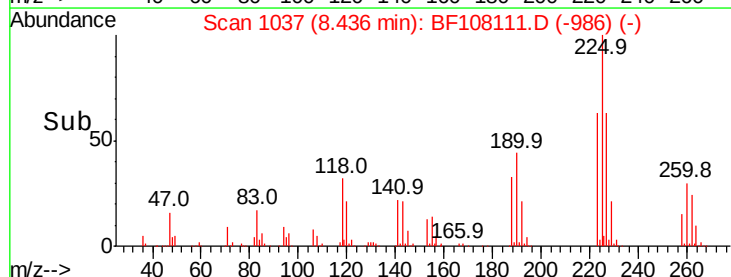
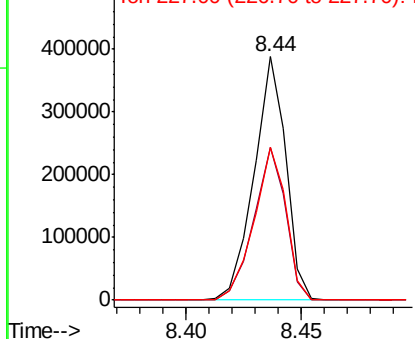


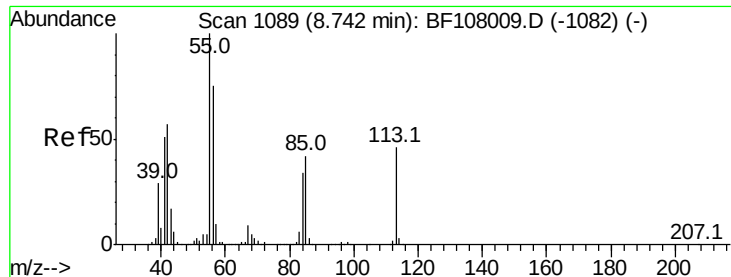
Abundance

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

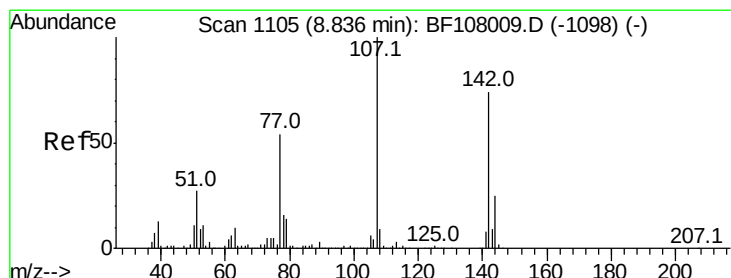
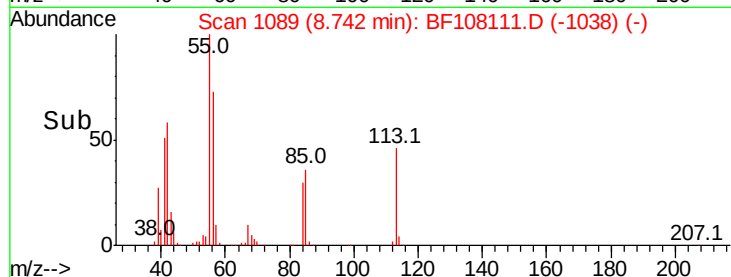
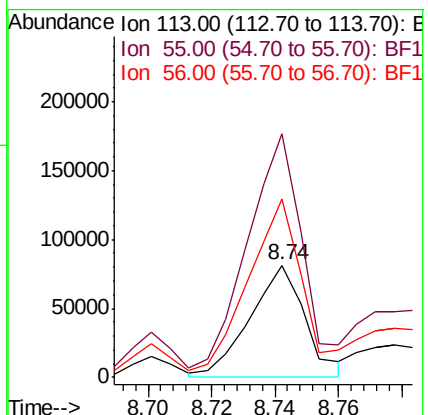
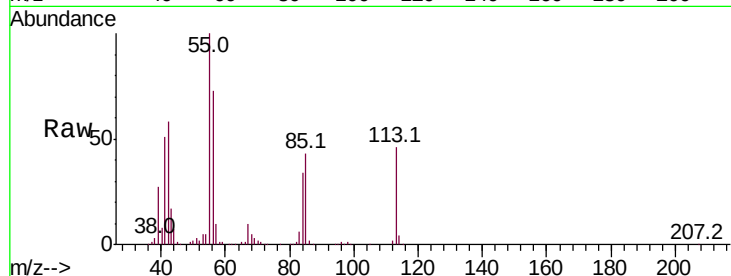




#35  
 Caprolactam  
 Concen: 27.785 ng  
 RT: 8.74 min Scan# 1089  
 Delta R.T. 0.00 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

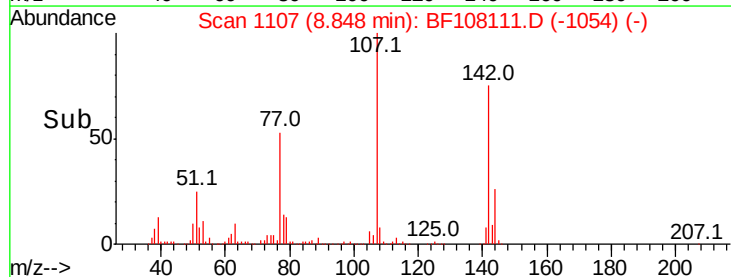
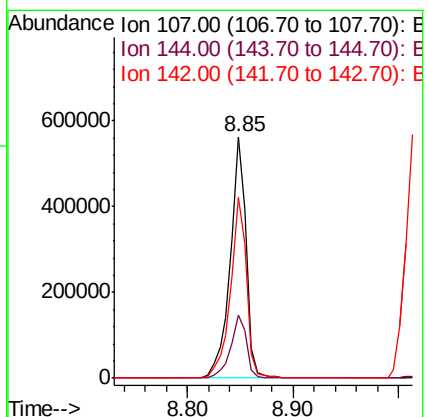
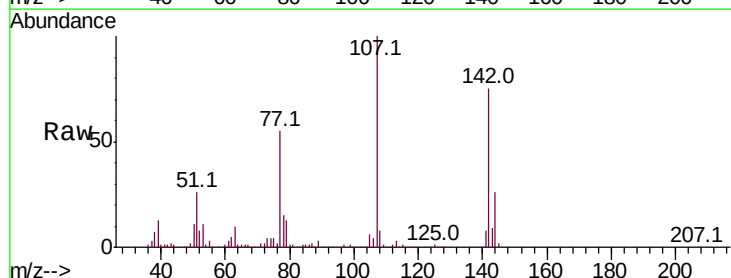
Instrument :  
 BNA\_F  
 ClientSampleId :

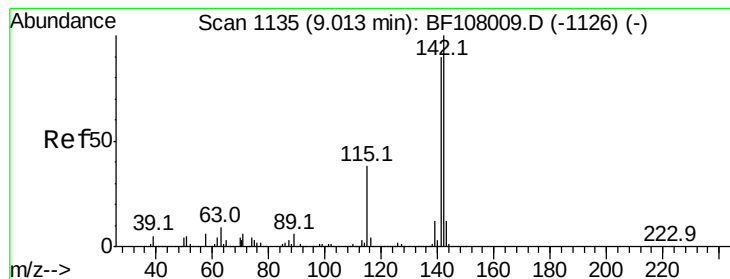
Tot Ion:113 Resp: 98191  
 Ion Ratio Lower Upper  
 113 100  
 55 217.0 163.3 203.3#  
 56 158.7 115.7 155.7#



#36  
 4-Chloro-3-methylphenol  
 Concen: 47.770 ng  
 RT: 8.85 min Scan# 1107  
 Delta R.T. 0.01 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

Tgt Ion:107 Resp: 581157  
 Ion Ratio Lower Upper  
 107 100  
 144 26.1 20.5 30.7  
 142 75.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 47.623 ng

RT: 9.02 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampled :

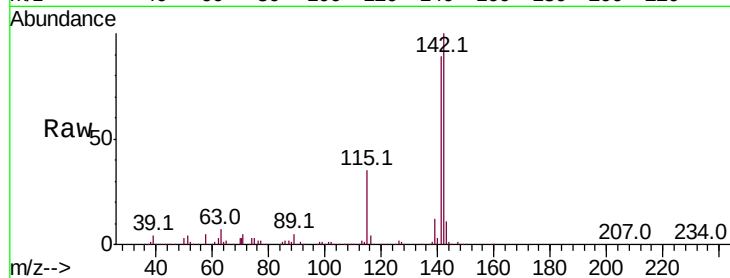
Tot Ion:142 Resp: 1238607

Ion Ratio Lower Upper

142 100

141 89.2 70.8 106.2

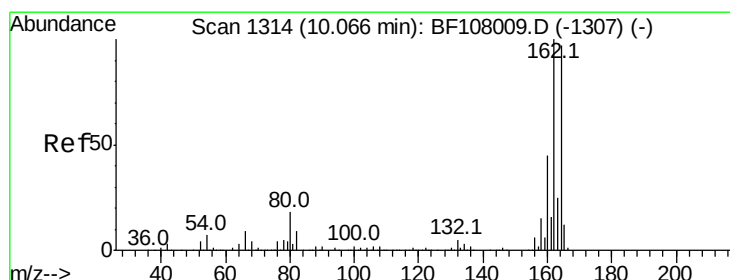
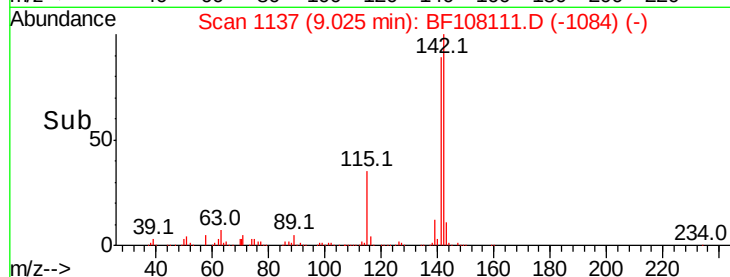
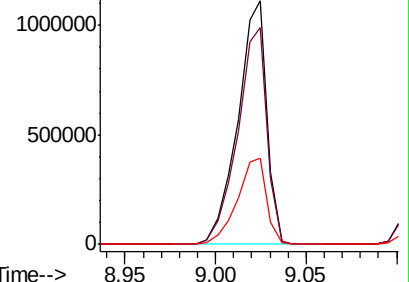
115 35.2 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

1500000 Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.08 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

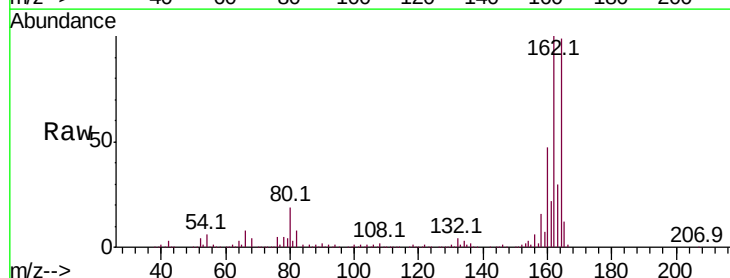
Tgt Ion:164 Resp: 420296

Ion Ratio Lower Upper

164 100

162 101.5 86.1 129.1

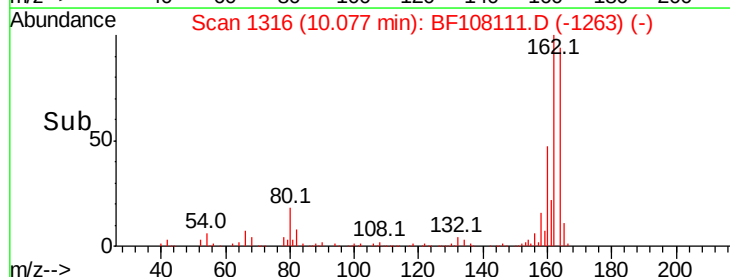
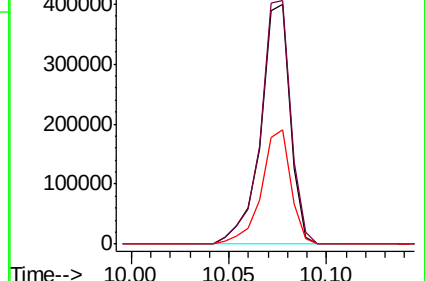
160 47.6 38.3 57.5

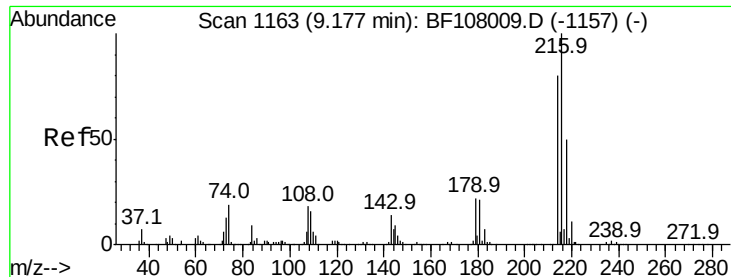


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

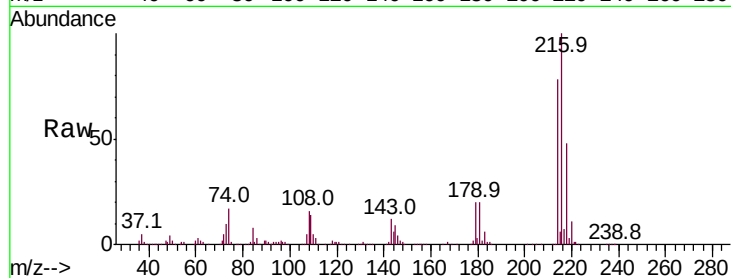




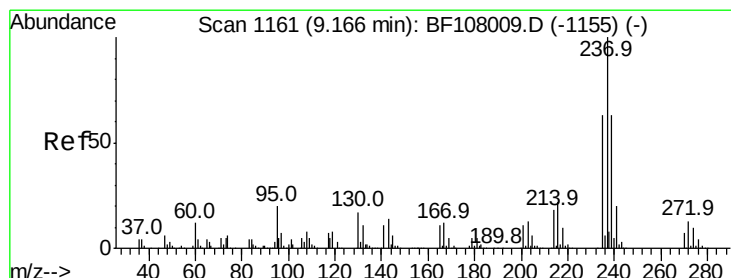
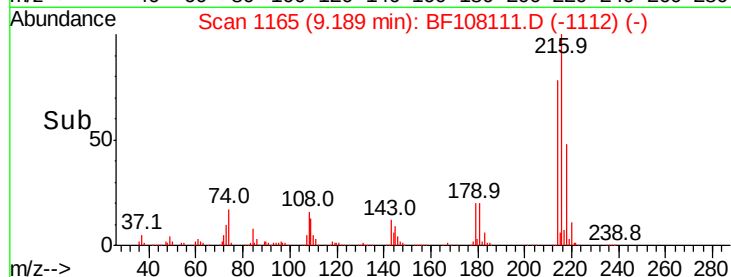
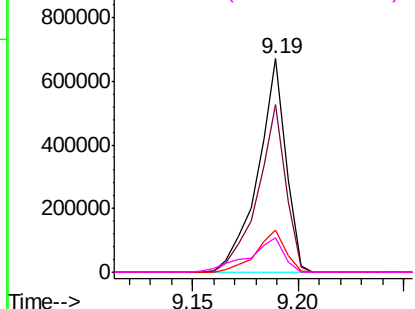
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 47.993 ng  
 RT: 9.19 min Scan# 1165  
 Delta R.T. 0.01 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

Instrument :  
 BNA\_F  
 ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 619439 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.5  | 63.0  | 94.4   |
| 179      | 20.6  | 18.1  | 27.1   |
| 108      | 20.3  | 17.2  | 25.8   |

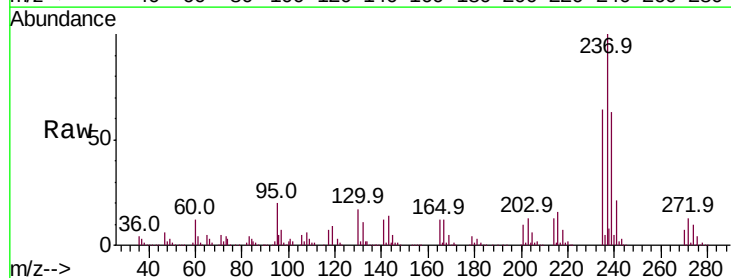


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

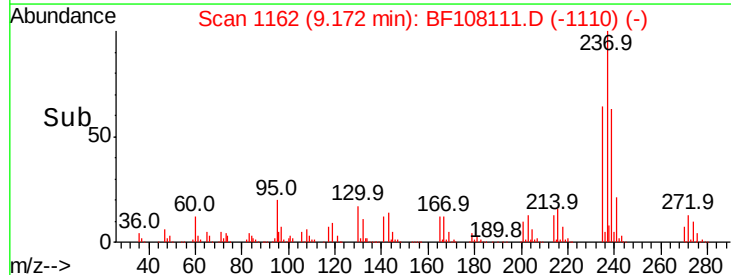
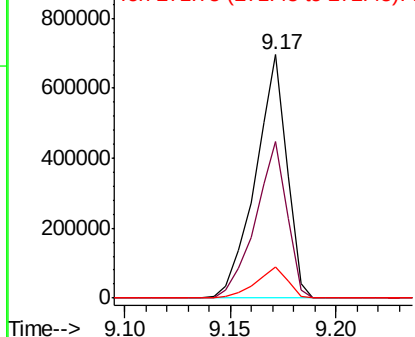


#40  
 Hexachlorocyclopentadiene  
 Concen: 86.100 ng  
 RT: 9.17 min Scan# 1162  
 Delta R.T. 0.01 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

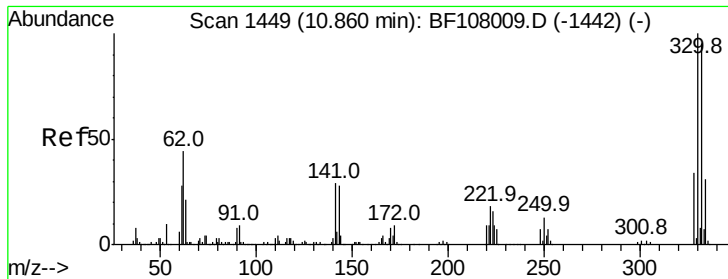
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 717787 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 64.1  | 44.8  | 84.8   |
| 272      | 12.8  | 0.0   | 33.3   |



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



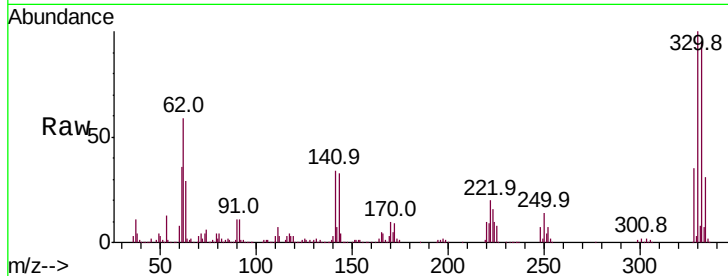




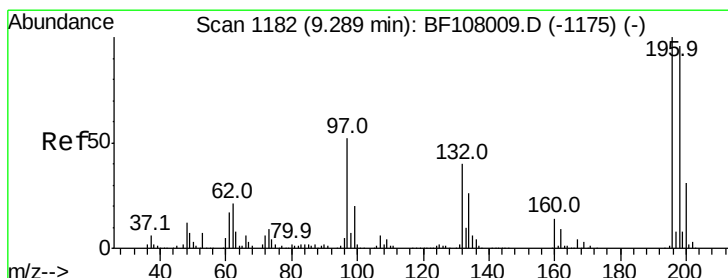
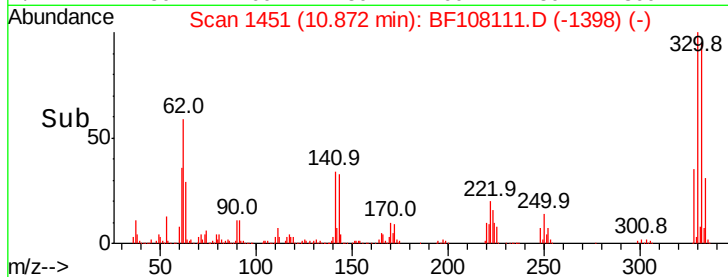
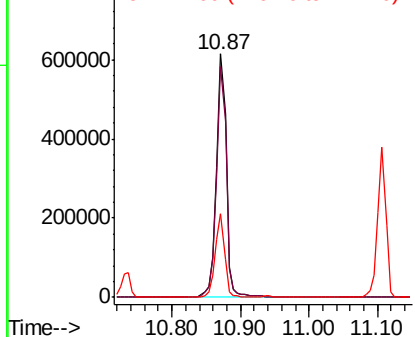
#41  
 2,4,6-Tribromophenol  
 Concen: 145.017 ng  
 RT: 10.87 min Scan# 1451  
 Delta R.T. 0.01 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.7  | 77.0  | 115.6 |
| 141     | 32.6  | 29.9  | 44.9  |

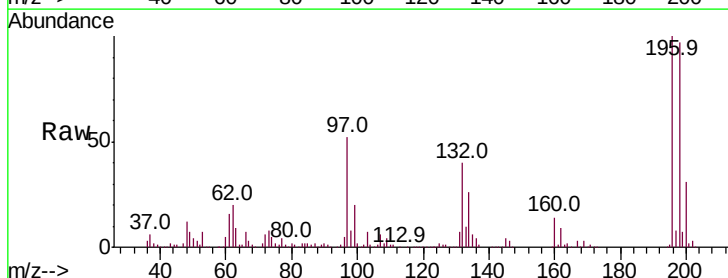


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

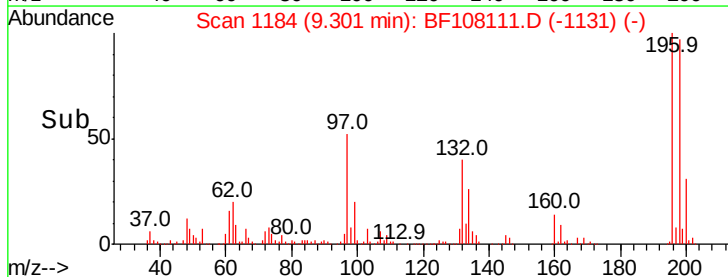
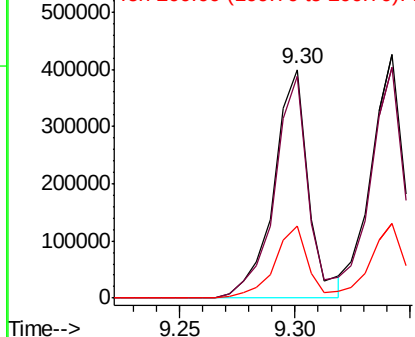


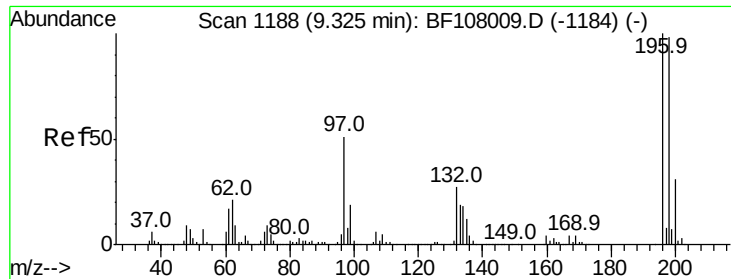
#42  
 2,4,6-Trichlorophenol  
 Concen: 51.798 ng  
 RT: 9.30 min Scan# 1184  
 Delta R.T. 0.01 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.3  | 75.7  | 113.5 |
| 200     | 31.4  | 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

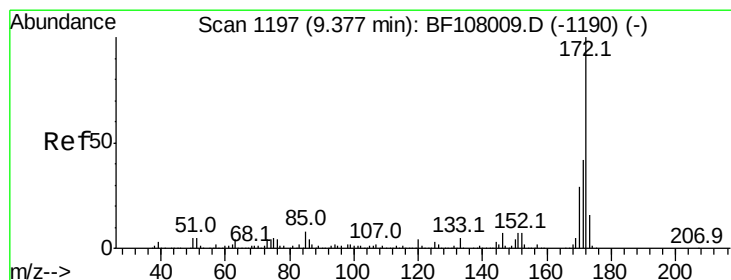
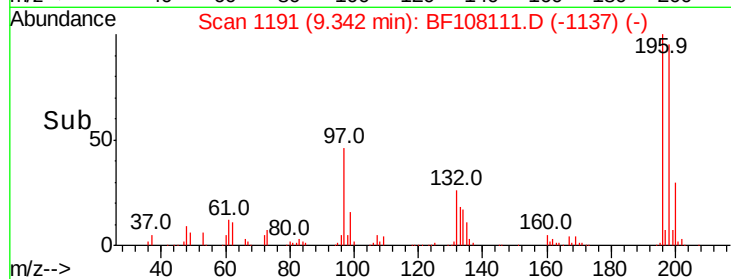
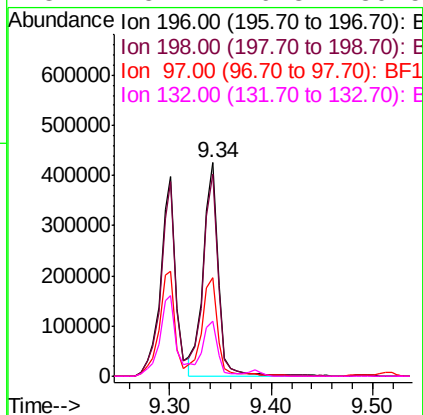
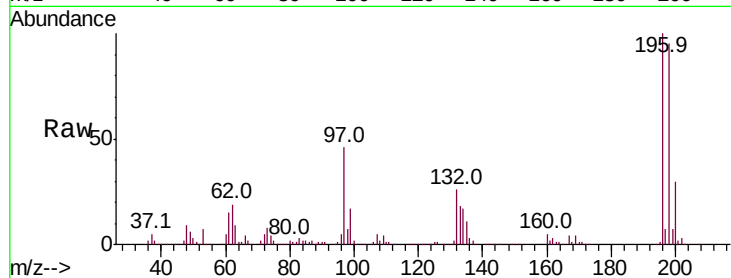




#43  
 2,4,5-Trichlorophenol  
 Concen: 49.475 ng  
 RT: 9.34 min Scan# 1191  
 Delta R.T. 0.02 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

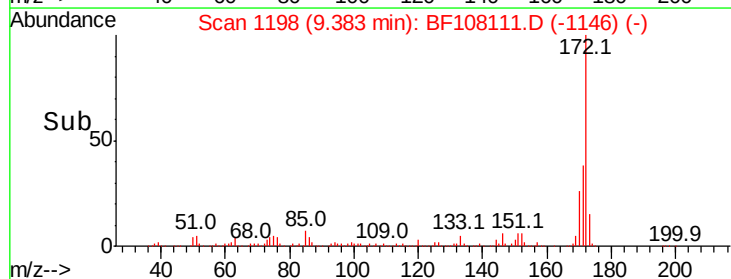
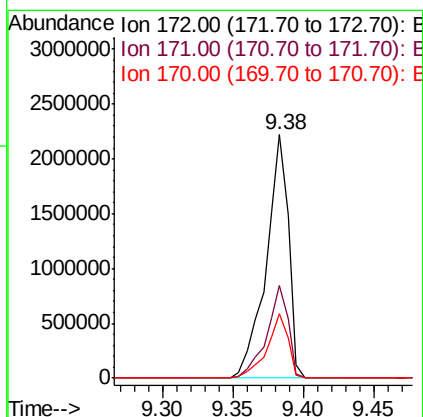
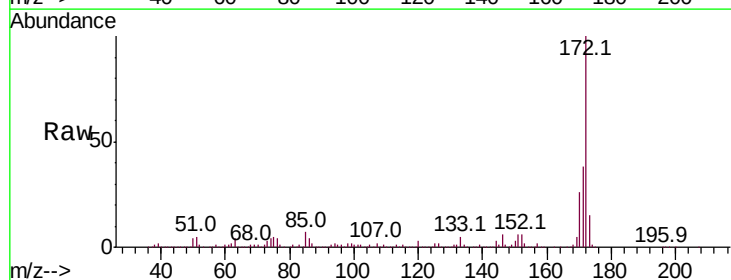
Instrument :  
 BNA\_F  
 ClientSampleId :

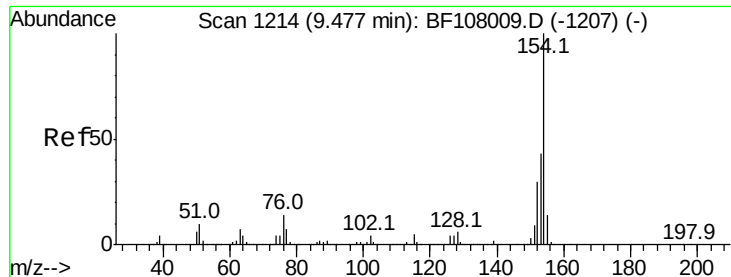
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 436211 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 95.0  | 74.6  | 112.0  |
| 97       | 46.0  | 42.9  | 64.3   |
| 132      | 25.7  | 26.3  | 39.5#  |



#44  
 2-Fluorobiphenyl  
 Concen: 93.897 ng  
 RT: 9.38 min Scan# 1198  
 Delta R.T. 0.01 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 2458142 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 38.1  | 29.7  | 44.5    |
| 170      | 26.4  | 19.6  | 29.4    |





#45

1,1'-Biphenyl

Concen: 48.006 ng

RT: 9.49 min Scan# 1216

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampleId :

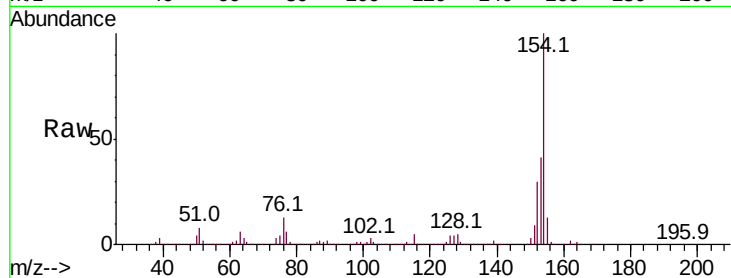
Tot Ion:154 Resp: 1487642

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

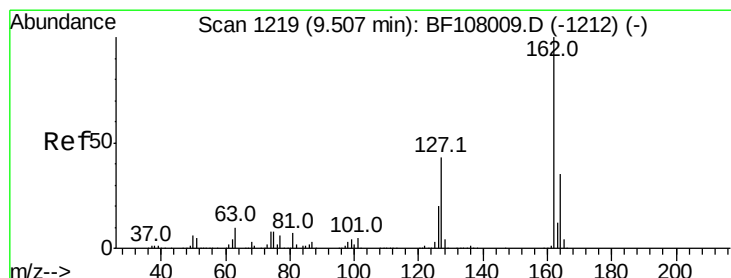
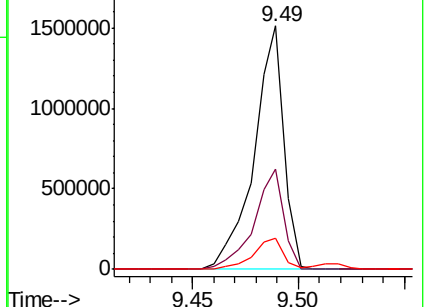
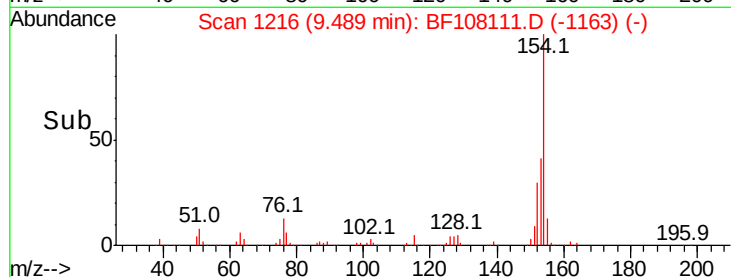
76 12.7 0.0 34.0



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: 48.007 ng

RT: 9.52 min Scan# 1221

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

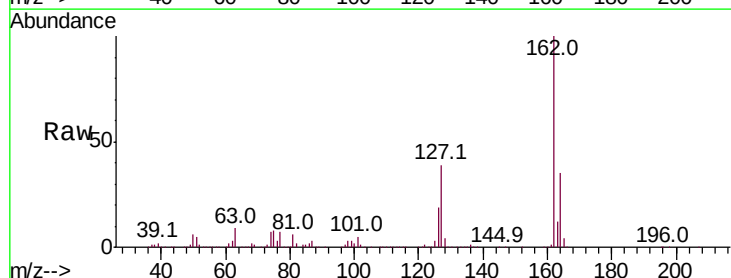
Tgt Ion:162 Resp: 1175796

Ion Ratio Lower Upper

162 100

127 39.3 33.9 50.9

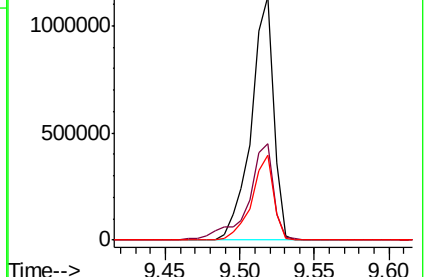
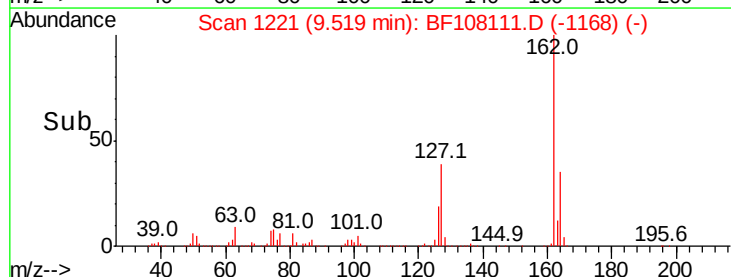
164 34.6 26.5 39.7

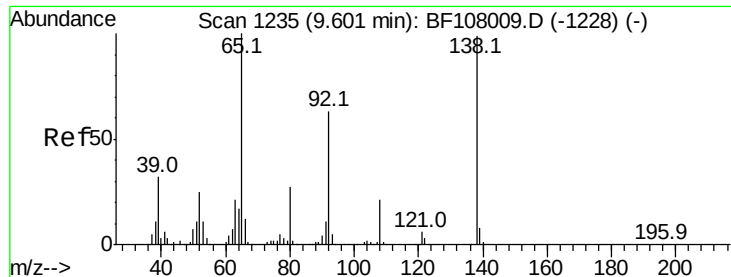


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

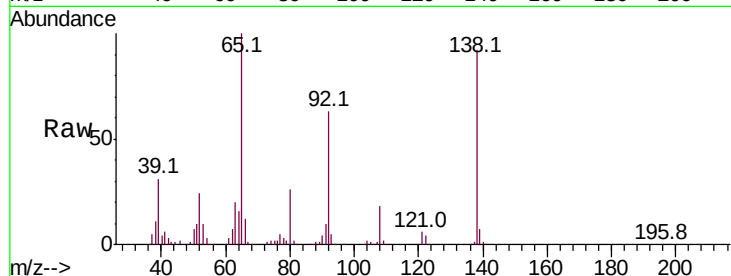




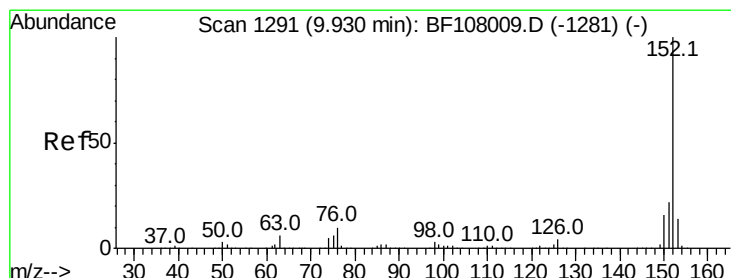
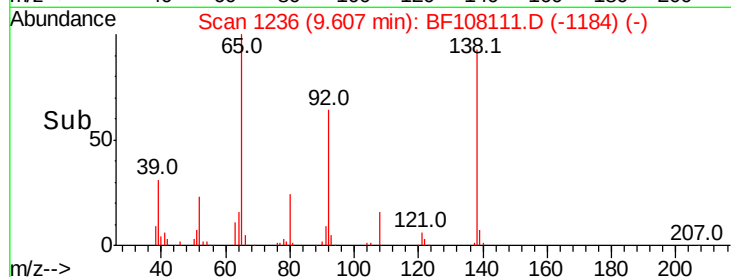
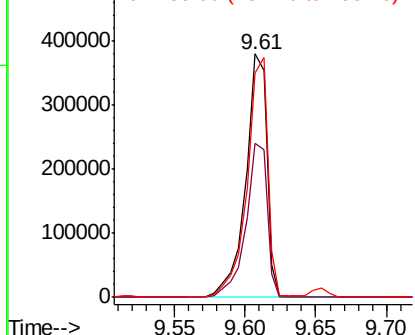
#47  
2-Nitroaniline  
Concen: 50.435 ng  
RT: 9.61 min Scan# 1236  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion: 65 Resp: 399683  
Ion Ratio Lower Upper  
65 100  
92 63.3 55.8 83.6  
138 92.1 91.2 136.8

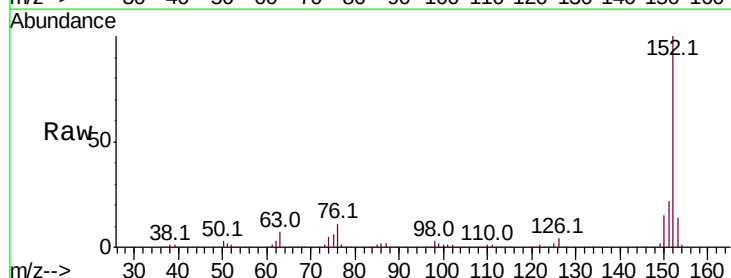


Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1

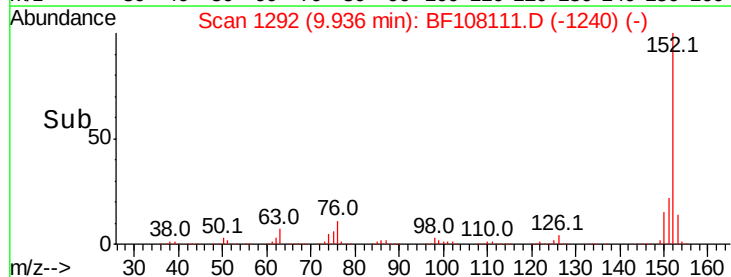
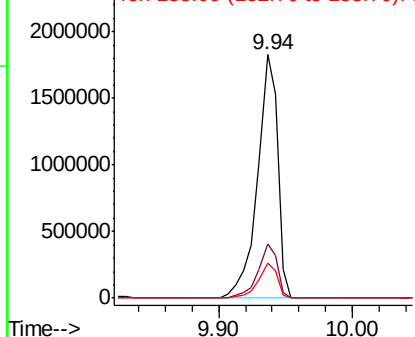


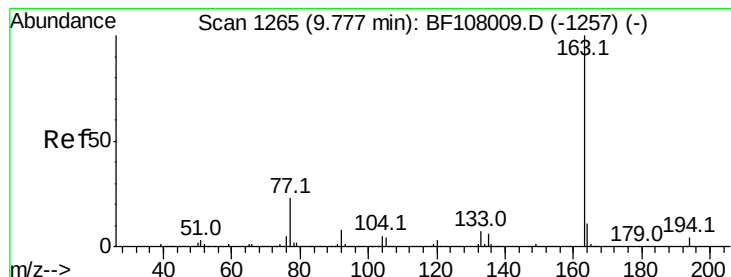
#48  
Acenaphthylene  
Concen: 48.535 ng  
RT: 9.94 min Scan# 1292  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Tgt Ion: 152 Resp: 1879287  
Ion Ratio Lower Upper  
152 100  
151 22.1 16.3 24.5  
153 14.4 10.7 16.1



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





#49

Dimethylphthalate

Concen: 48.395 ng

RT: 9.78 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampled :

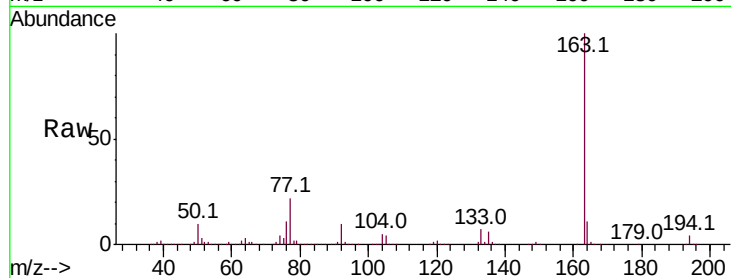
Tot Ion:163 Resp: 1416868

Ion Ratio Lower Upper

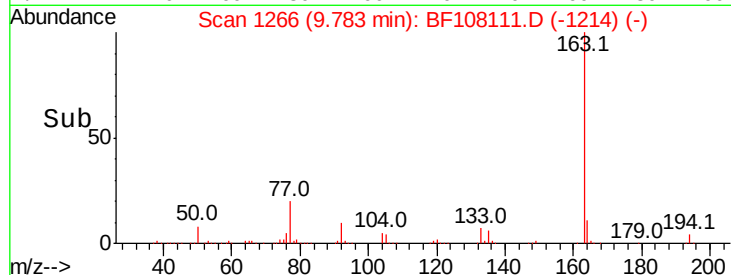
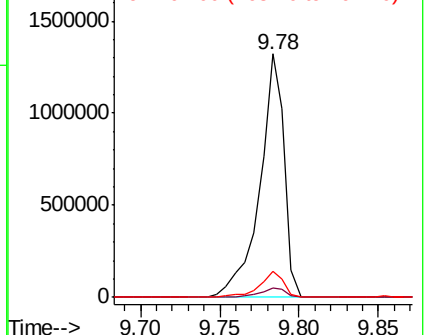
163 100

194 4.0 2.7 4.1

164 10.7 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



#50

2,6-Dinitrotoluene

Concen: 49.942 ng

RT: 9.85 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

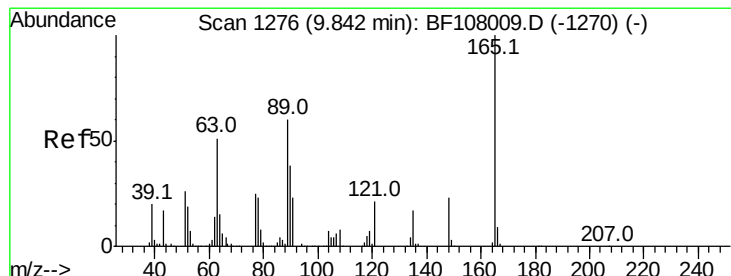
Tgt Ion:165 Resp: 305913

Ion Ratio Lower Upper

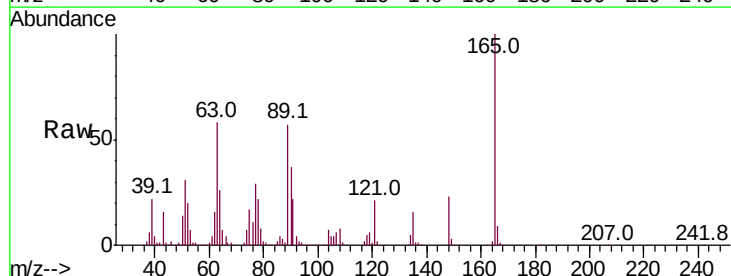
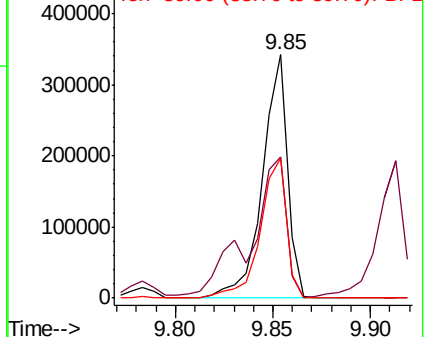
165 100

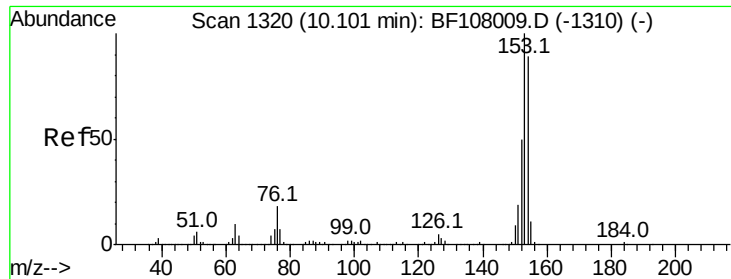
63 57.9 44.7 67.1

89 57.4 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





#51

Acenaphthene

Concen: 52.074 ng

RT: 10.11 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampleId :

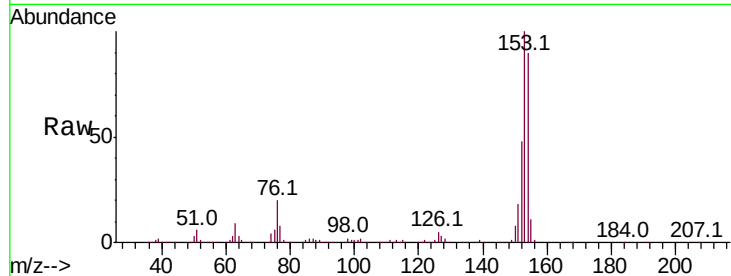
Tot Ion:154 Resp: 1234972

Ion Ratio Lower Upper

154 100

153 111.0 91.2 136.8

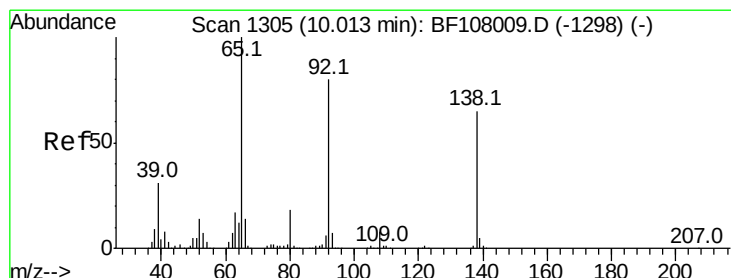
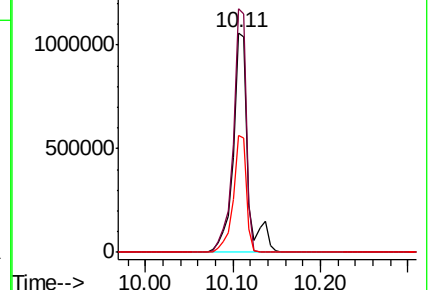
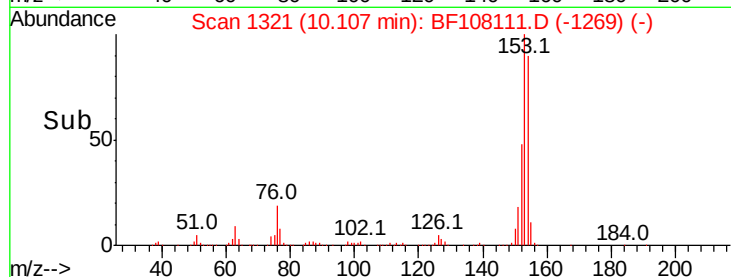
152 53.5 43.8 65.8



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: 38.657 ng

RT: 10.02 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

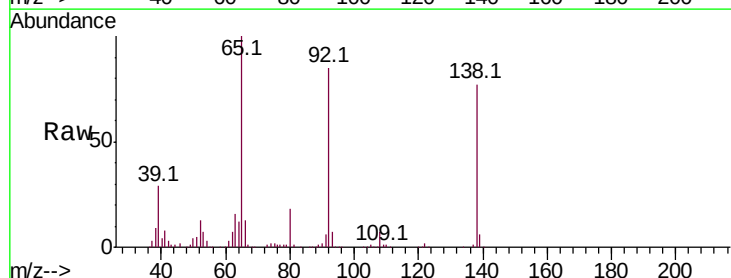
Tgt Ion:138 Resp: 259076

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

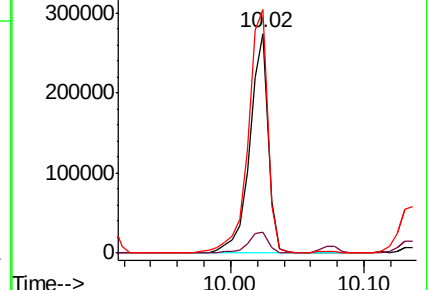
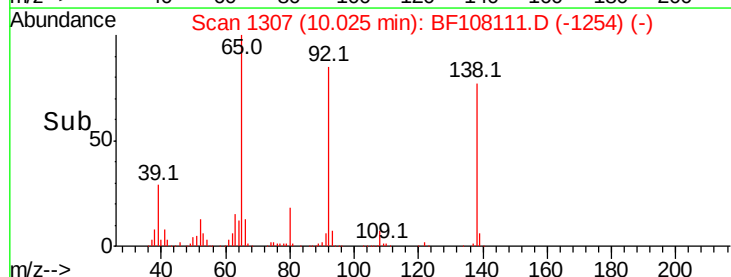
92 110.8 89.4 134.2

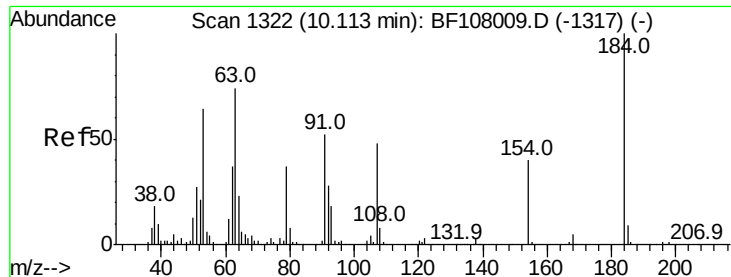


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

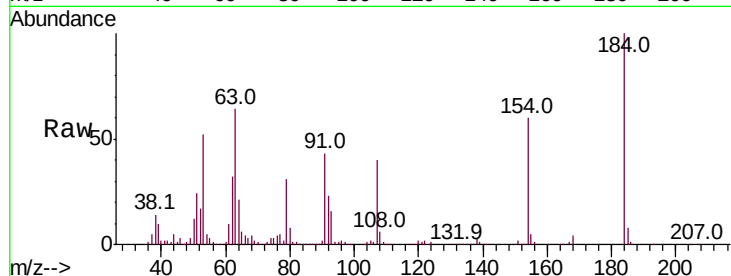




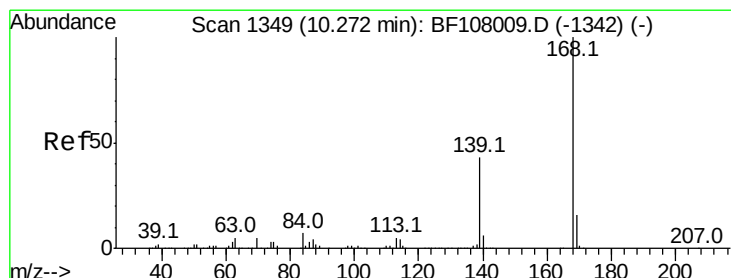
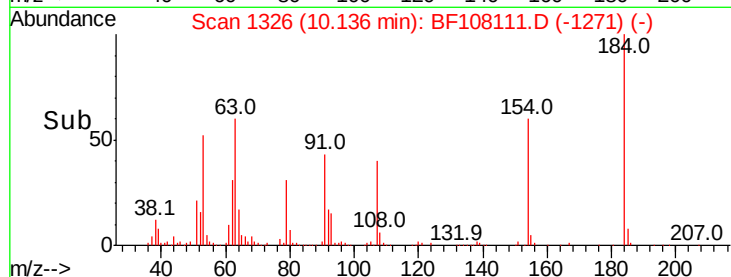
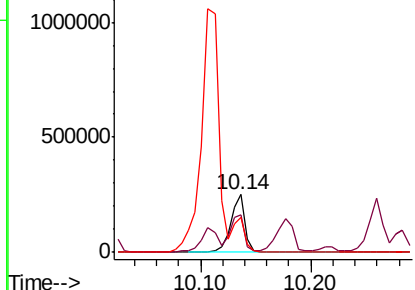
#53  
 2,4-Dinitrophenol  
 Concen: 96.497 ng  
 RT: 10.14 min Scan# 1326  
 Delta R.T. 0.02 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:184 Resp: 224845  
 Ion Ratio Lower Upper  
 184 100  
 63 64.1 54.2 81.2  
 154 60.1 184.0 276.0#

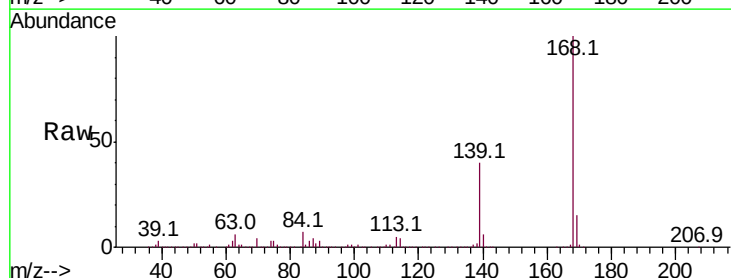


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 154.00 (153.70 to 154.70): E

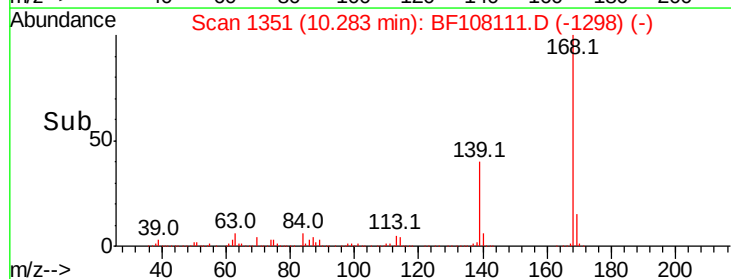
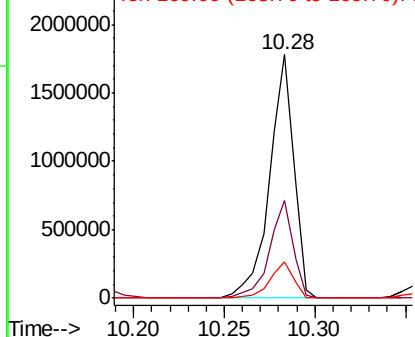


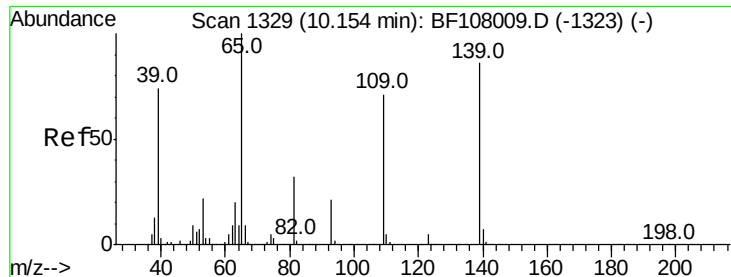
#54  
 Dibenzofuran  
 Concen: 47.965 ng  
 RT: 10.28 min Scan# 1351  
 Delta R.T. 0.01 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

Tgt Ion:168 Resp: 1648051  
 Ion Ratio Lower Upper  
 168 100  
 139 40.4 30.1 45.1  
 169 15.1 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: 97.949 ng

RT: 10.18 min Scan# 1333

Delta R.T. 0.02 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampled :

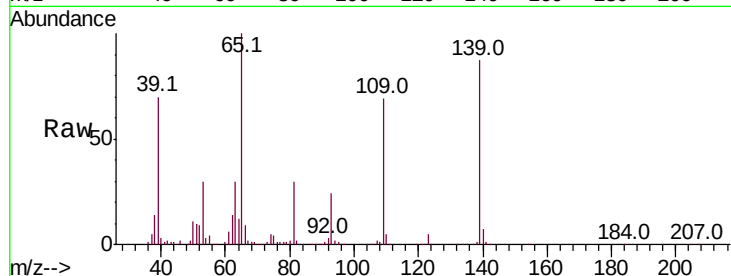
Tot Ion:139 Resp: 497095

Ion Ratio Lower Upper

139 100

109 78.7 48.4 88.4

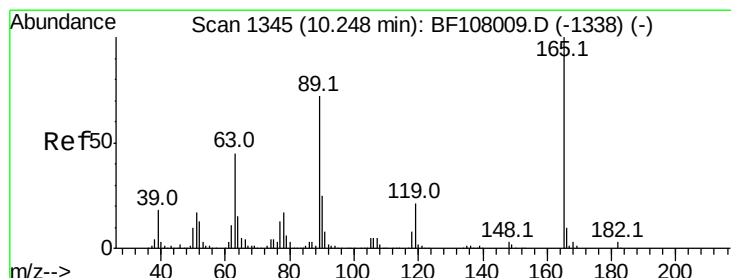
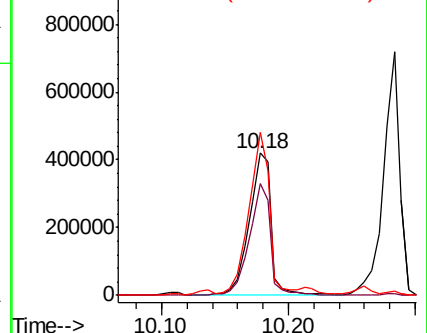
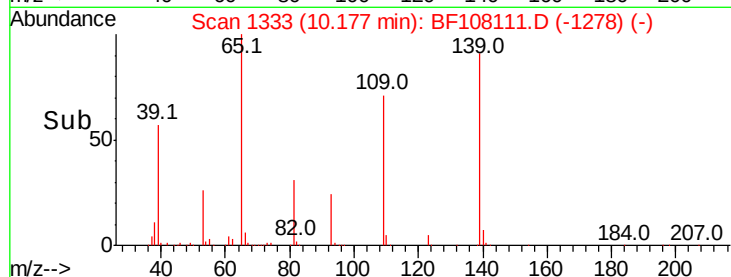
65 114.9 72.6 112.6#



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: 53.580 ng

RT: 10.26 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Tgt Ion:165 Resp: 422454

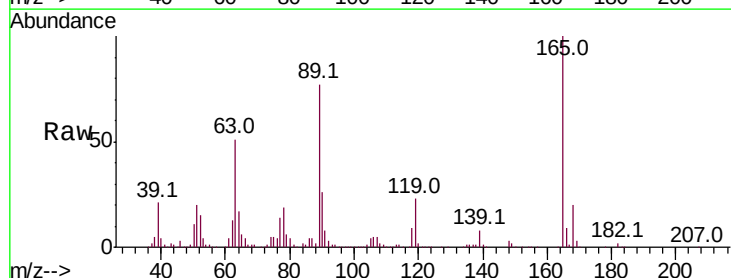
Ion Ratio Lower Upper

165 100

63 50.8 36.4 54.6

89 77.3 57.8 86.6

182 2.5 1.6 2.4#

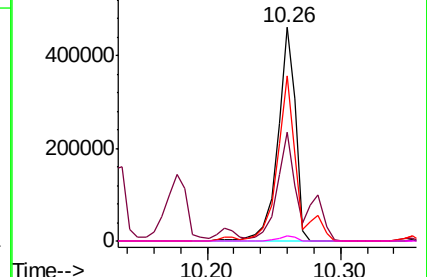
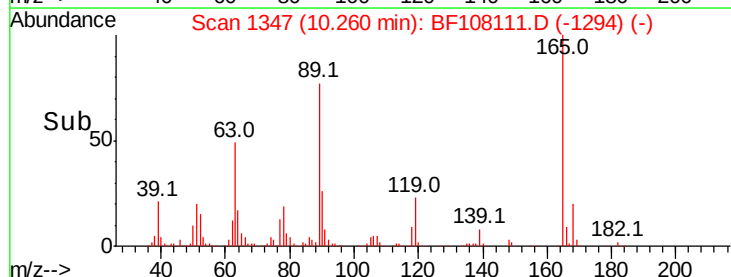


Abundance Ion 165.00 (164.70 to 165.70): E

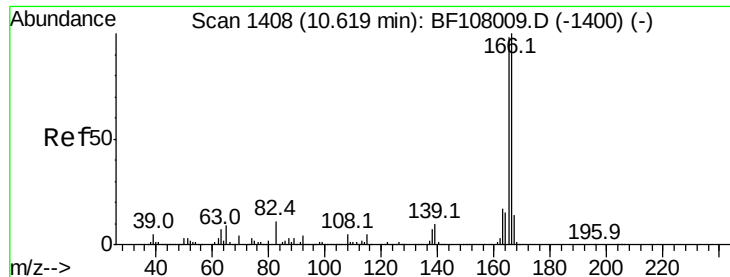
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E







#57

Fluorene

Concen: 48.258 ng

RT: 10.63 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampleId :

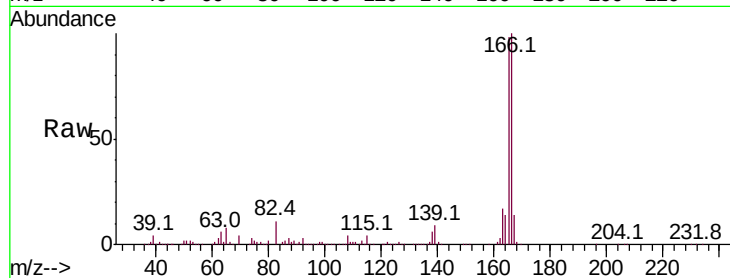
Tot Ion:166 Resp: 1312583

Ion Ratio Lower Upper

166 100

165 97.8 79.8 119.8

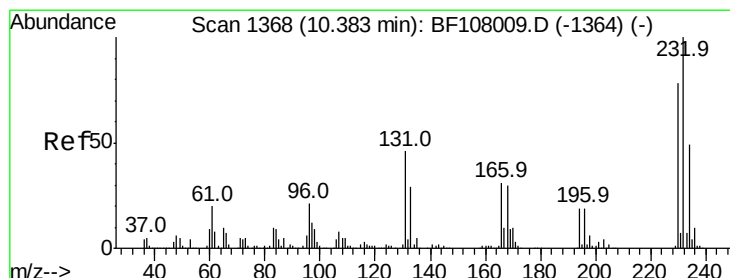
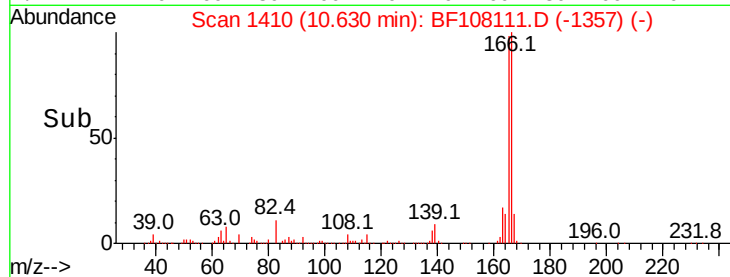
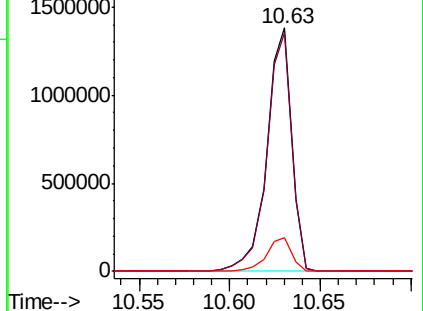
167 13.7 10.6 16.0



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: 50.882 ng

RT: 10.40 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Tgt Ion:232 Resp: 374969

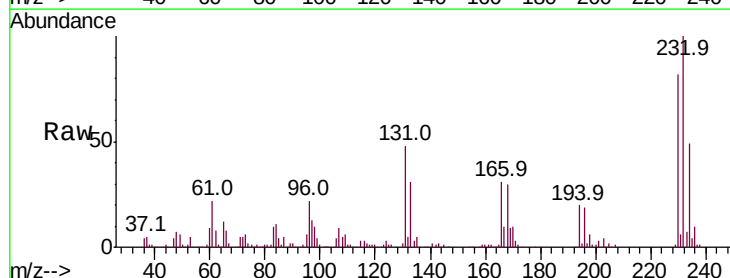
Ion Ratio Lower Upper

232 100

131 42.6 43.8 65.8#

130 2.2 2.1 3.1

166 29.2 27.8 41.6

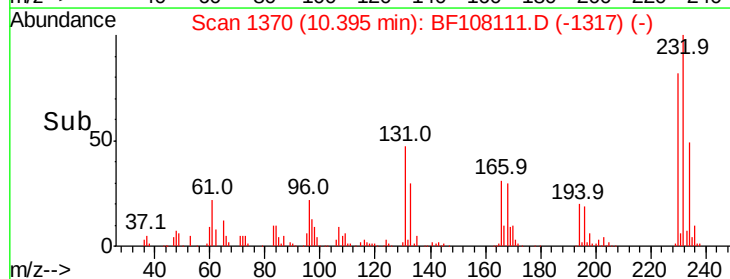
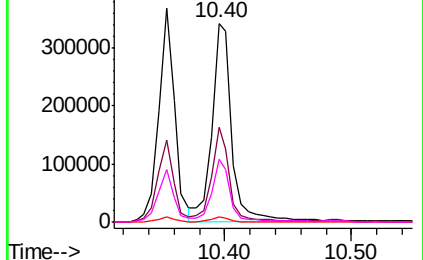


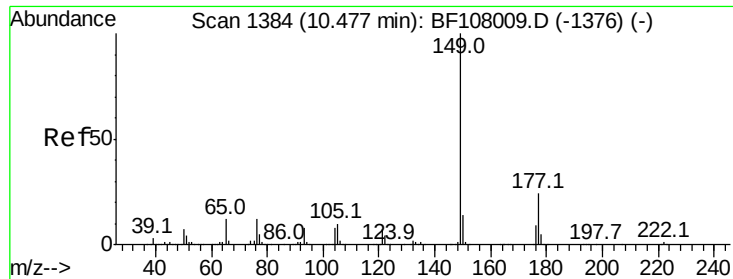
Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.405 ng

RT: 10.49 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampleId :

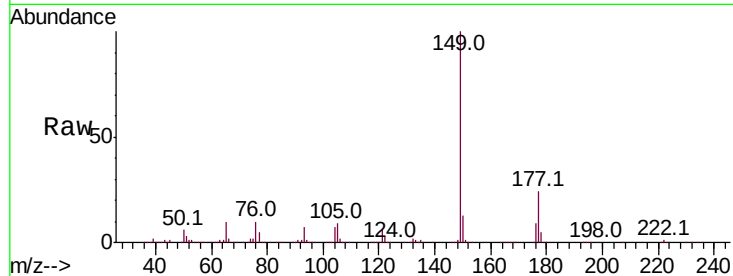
Tot Ion:149 Resp: 1372277

Ion Ratio Lower Upper

149 100

177 24.0 16.1 24.1

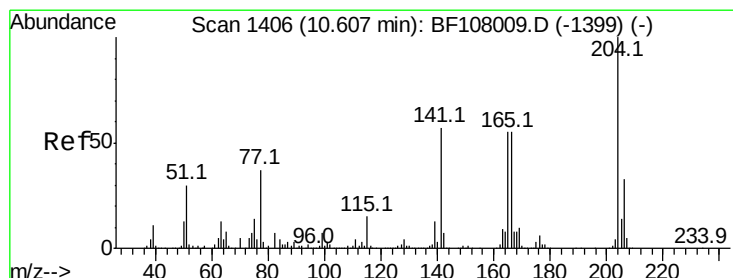
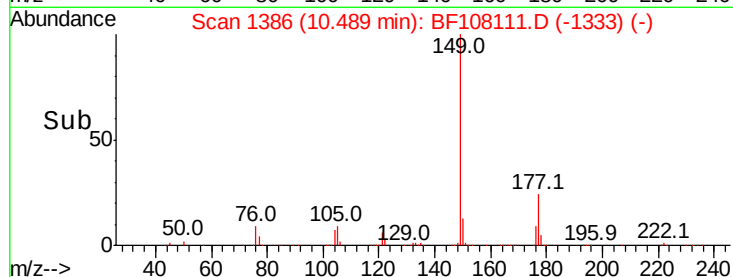
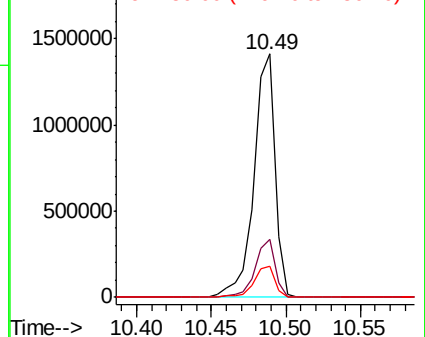
150 12.6 10.1 15.1



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: 47.822 ng

RT: 10.61 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

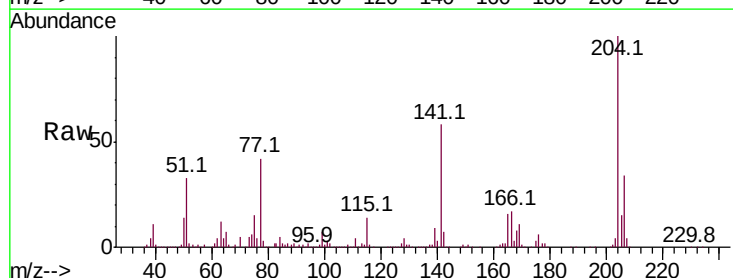
Tgt Ion:204 Resp: 677774

Ion Ratio Lower Upper

204 100

206 34.0 26.5 39.7

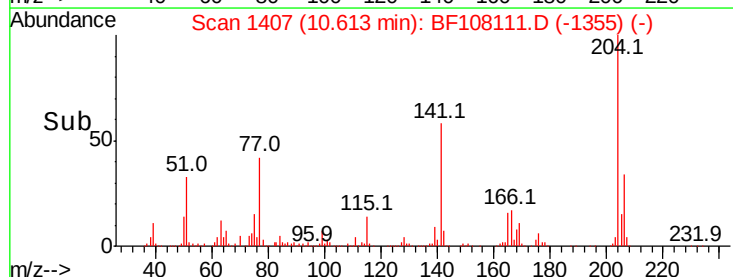
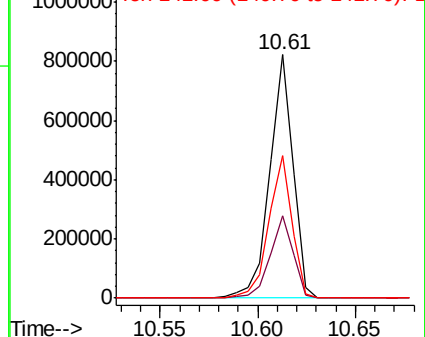
141 58.3 54.6 81.8

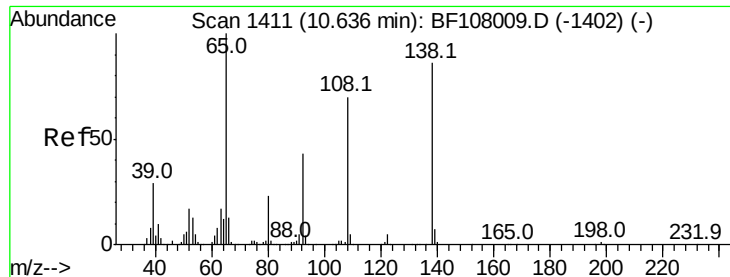


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

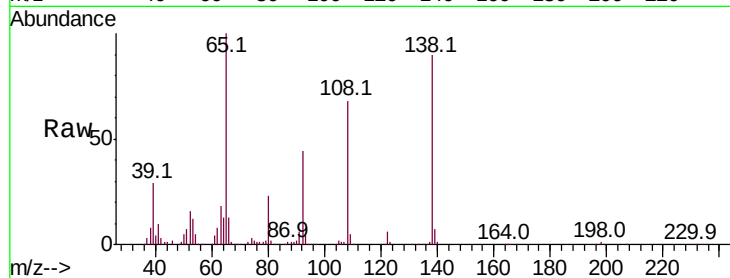




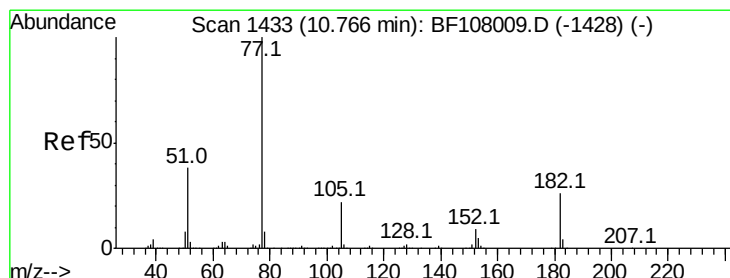
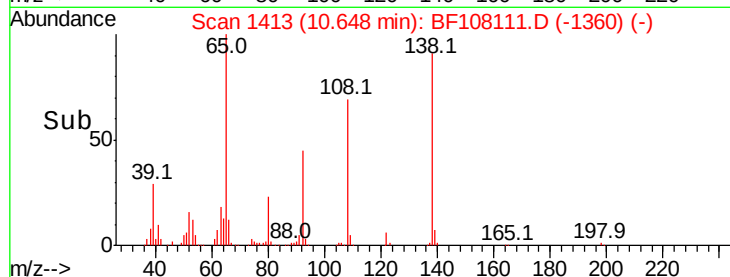
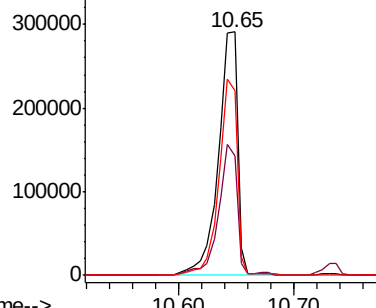
#61  
4-Nitroaniline  
Concen: 51.260 ng  
RT: 10.65 min Scan# 1413  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 339650  
Ion Ratio Lower Upper  
138 100  
92 49.2 30.2 70.2  
108 75.7 52.5 92.5

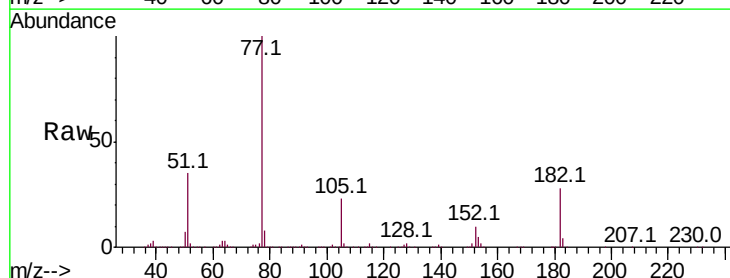


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 108.00 (107.70 to 108.70): E

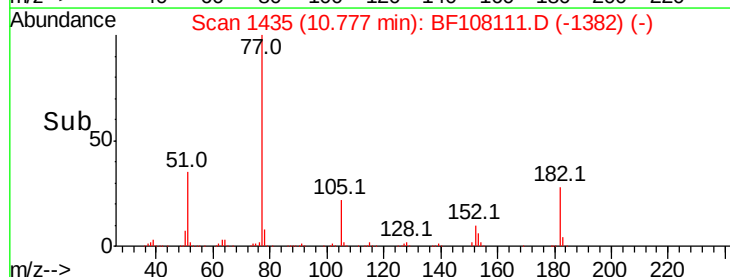
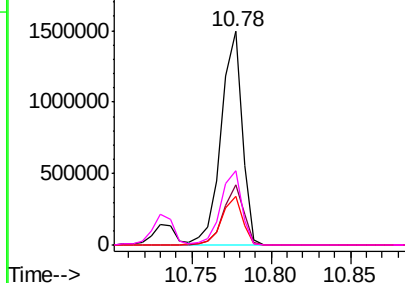


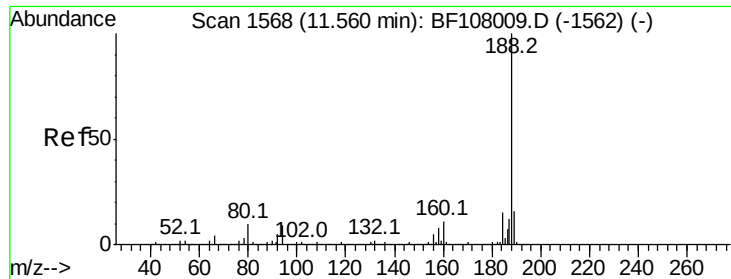
#62  
Azobenzene  
Concen: 46.947 ng  
RT: 10.78 min Scan# 1435  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Tgt Ion: 77 Resp: 1374495  
Ion Ratio Lower Upper  
77 100  
182 28.0 1.7 41.7  
105 22.5 3.0 43.0  
51 34.7 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

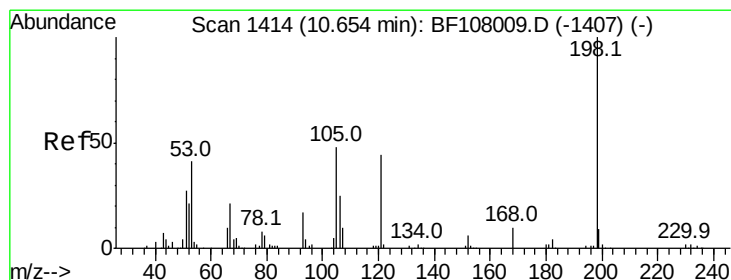
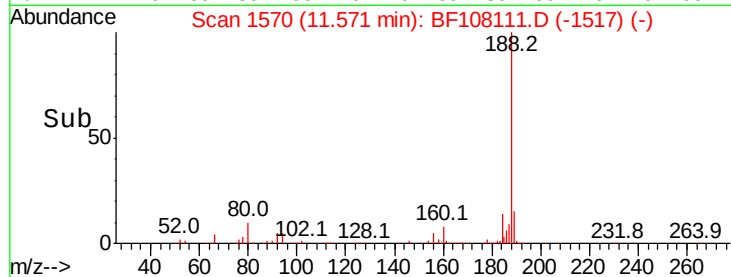
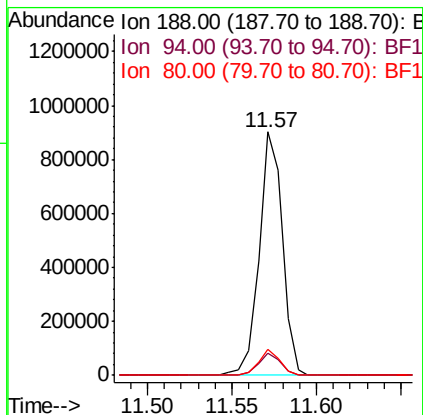
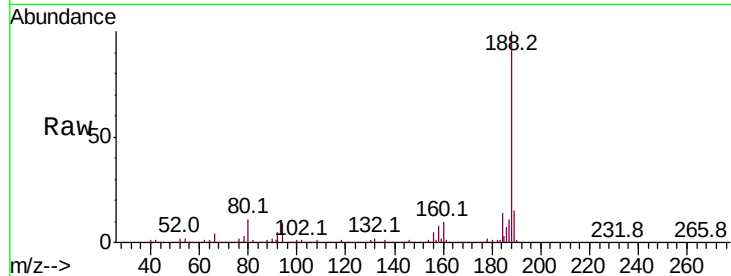




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.57 min Scan# 1570  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

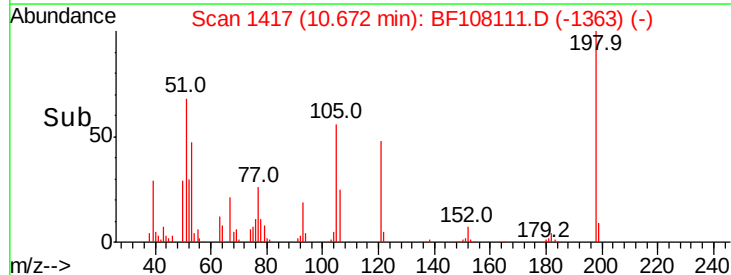
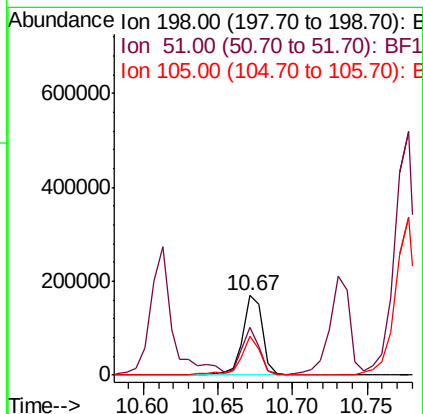
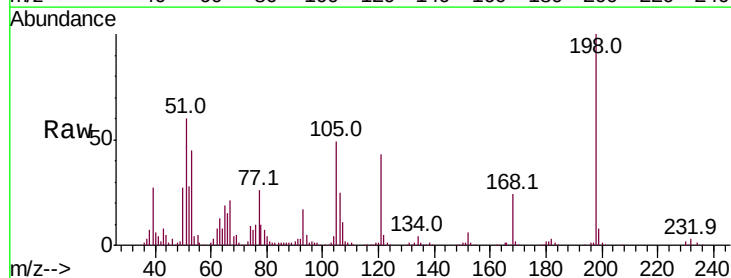
Instrument :  
BNA\_F  
ClientSampleId :

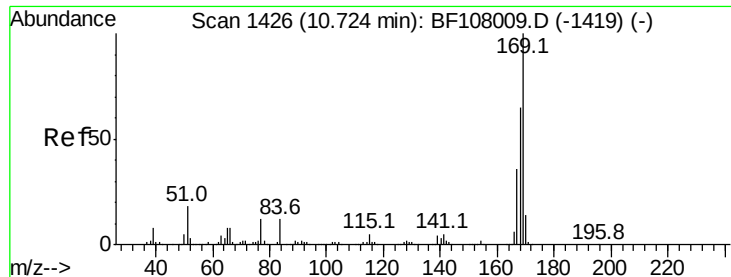
Tot Ion:188 Resp: 864717  
Ion Ratio Lower Upper  
188 100  
94 9.4 8.5 12.7  
80 10.5 9.2 13.8



#64  
4,6-Dinitro-2-methylphenol  
Concen: 47.972 ng  
RT: 10.67 min Scan# 1417  
Delta R.T. 0.02 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Tgt Ion:198 Resp: 155727  
Ion Ratio Lower Upper  
198 100  
51 59.8 37.7 77.7  
105 48.7 36.3 76.3

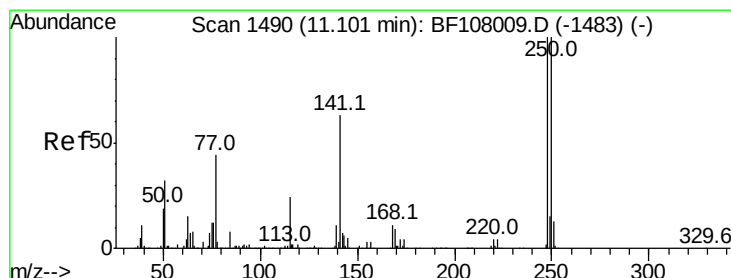
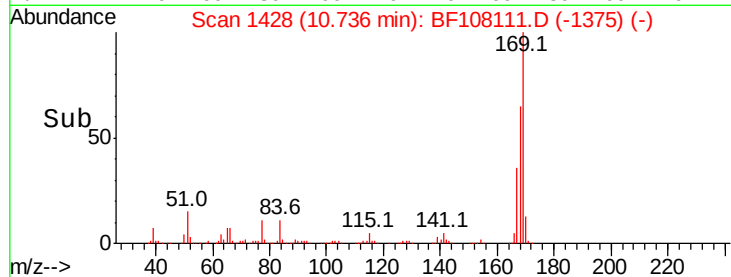
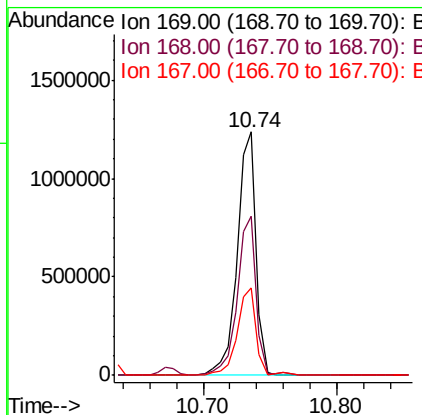
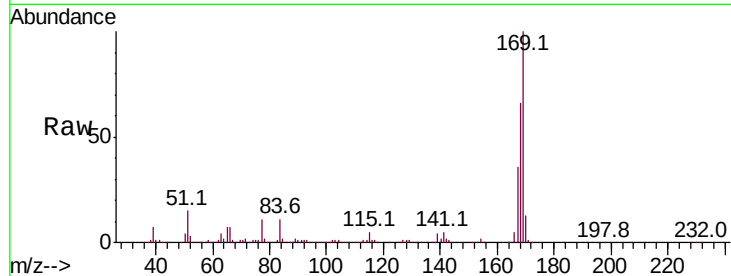




#65  
n-Nitrosodiphenylamine  
Concen: 47.539 ng  
RT: 10.74 min Scan# 1428  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

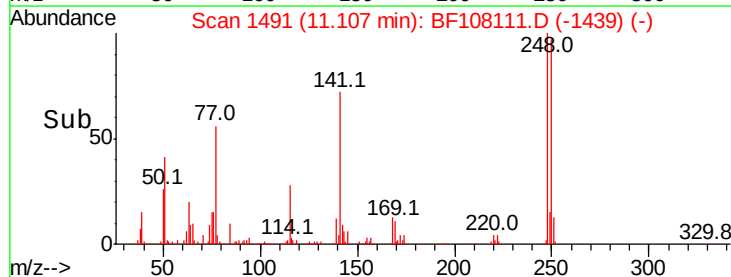
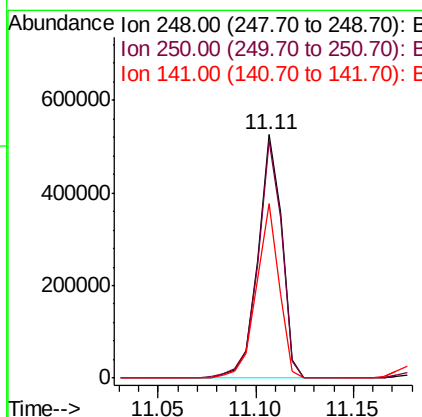
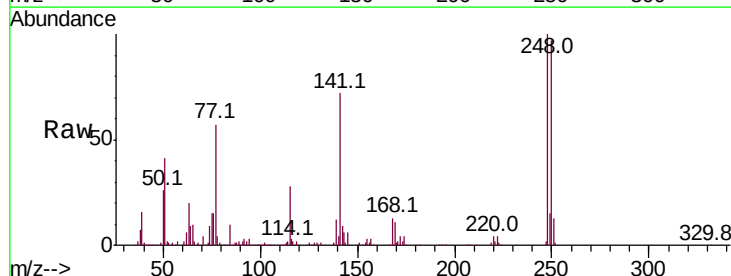
Instrument :  
BNA\_F  
ClientSampleId :

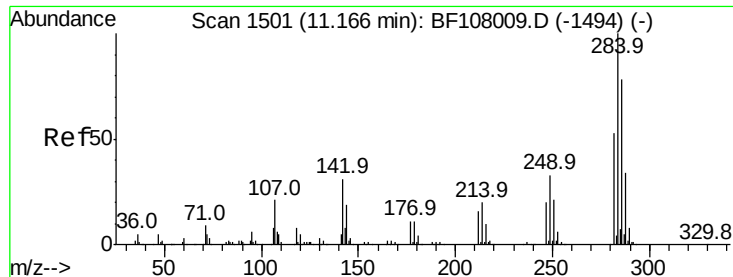
Tot Ion:169 Resp: 1214771  
Ion Ratio Lower Upper  
169 100  
168 65.6 54.4 81.6  
167 35.9 29.8 44.6



#66  
4-Bromophenyl-phenylether  
Concen: 47.517 ng  
RT: 11.11 min Scan# 1491  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Tgt Ion:248 Resp: 446529  
Ion Ratio Lower Upper  
248 100  
250 97.4 76.9 115.3  
141 71.9 74.4 111.6#

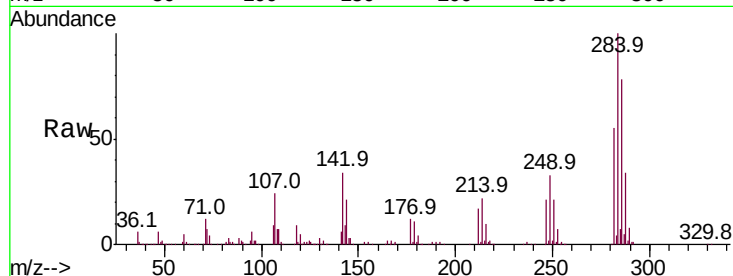




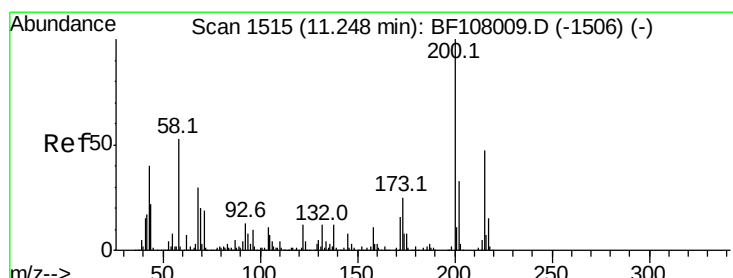
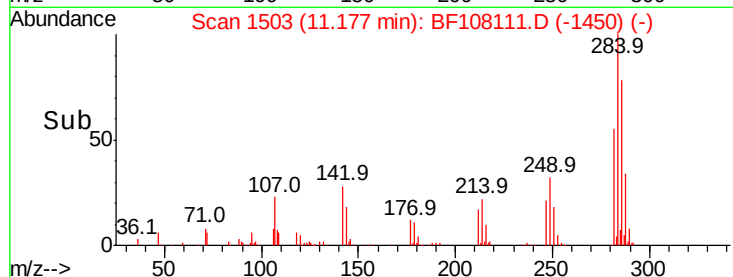
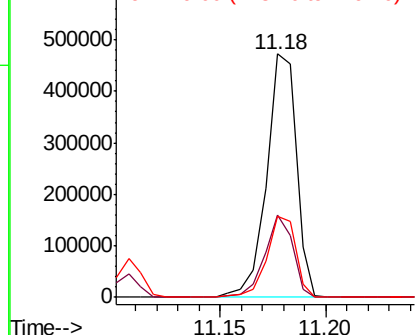
#67  
Hexachlorobenzene  
Concen: 47.078 ng  
RT: 11.18 min Scan# 1503  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.1  | 34.6  | 52.0# |
| 249     | 33.4  | 24.8  | 37.2  |

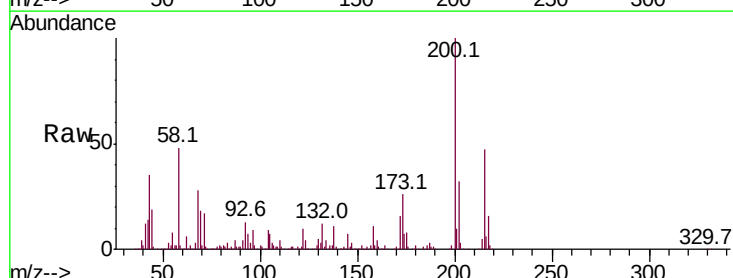


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

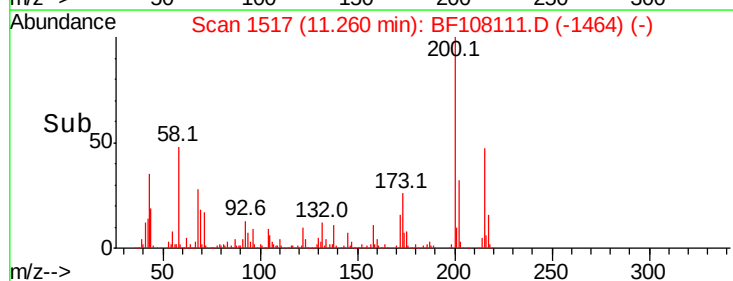
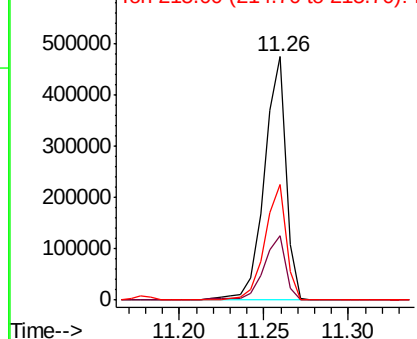


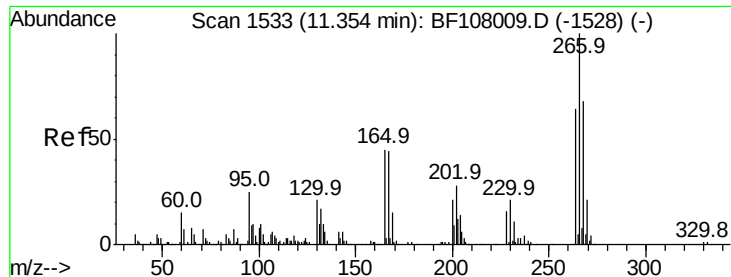
#68  
Atrazine  
Concen: 49.260 ng  
RT: 11.26 min Scan# 1517  
Delta R.T. 0.01 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.5  | 8.6   | 48.6  |
| 215     | 47.4  | 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

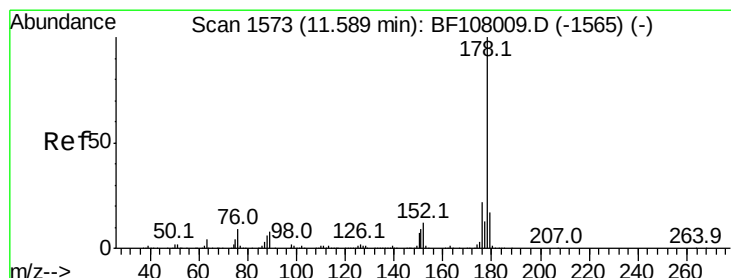
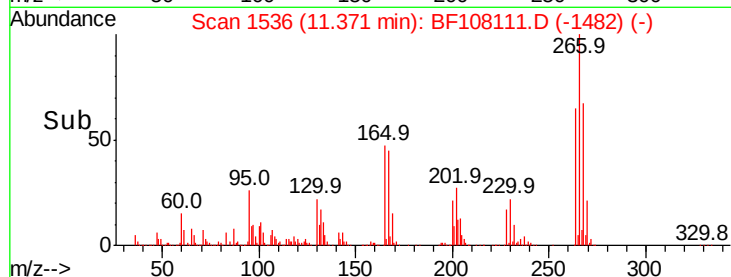
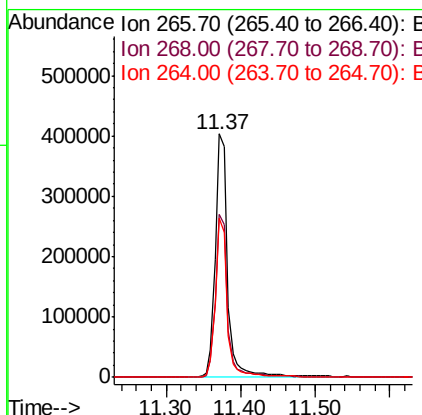
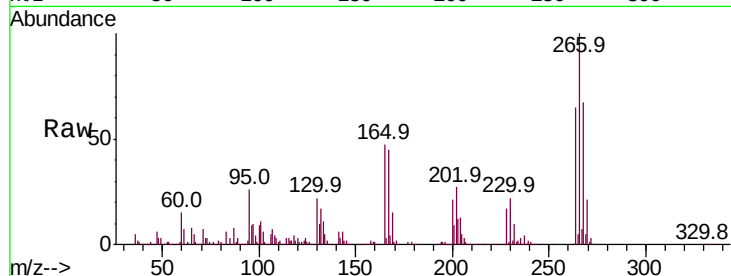




#69  
 Pentachlorophenol  
 Concen: 98.158 ng  
 RT: 11.37 min Scan# 1536  
 Delta R.T. 0.02 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

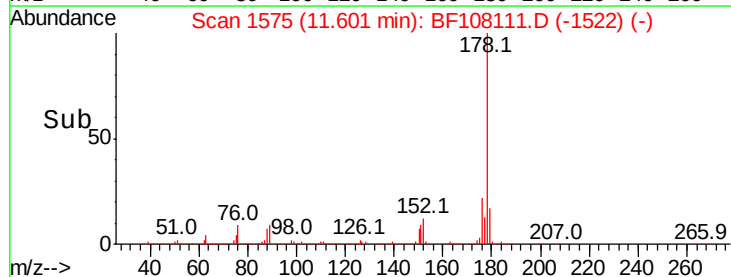
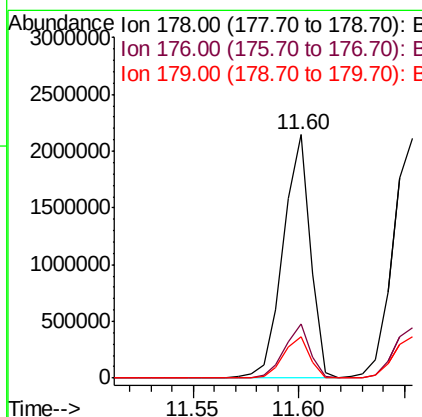
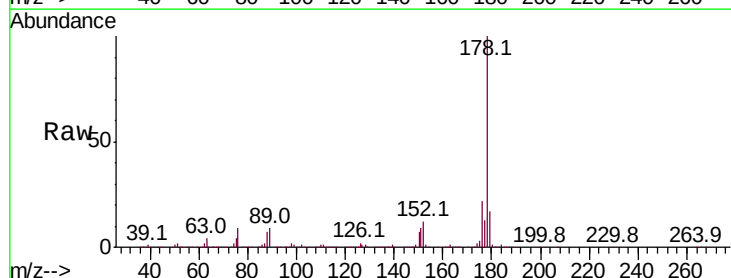
Instrument :  
 BNA\_F  
 ClientSampled :

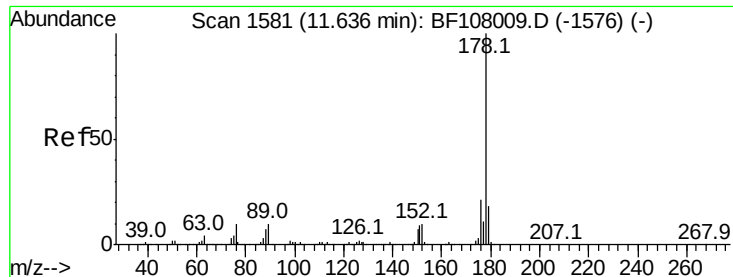
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 67.1  | 51.1  | 76.7  |
| 264     | 65.4  | 49.5  | 74.3  |



#70  
 Phenanthrene  
 Concen: 47.515 ng  
 RT: 11.60 min Scan# 1575  
 Delta R.T. 0.01 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 22.1  | 15.8  | 23.8  |
| 179     | 17.2  | 13.0  | 19.6  |

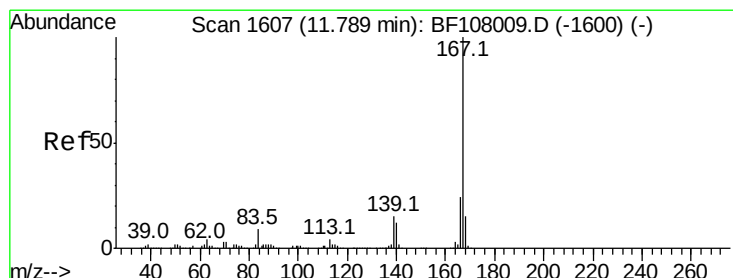
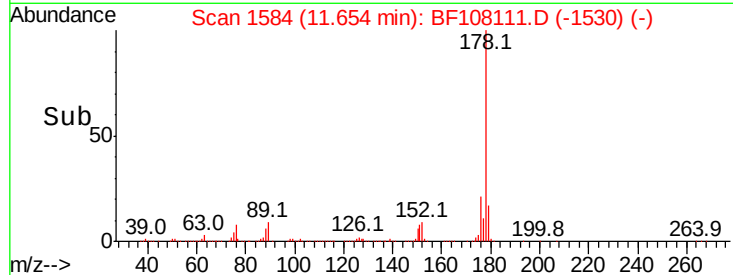
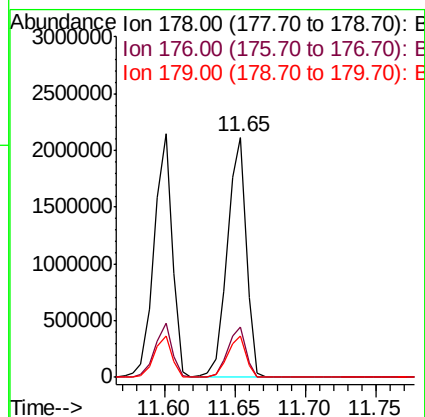
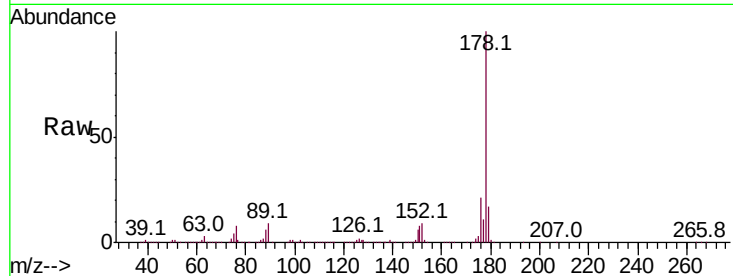




#71  
 Anthracene  
 Concen: 47.383 ng  
 RT: 11.65 min Scan# 1584  
 Delta R.T. 0.02 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

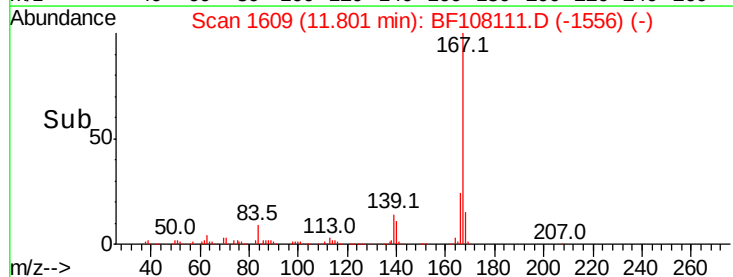
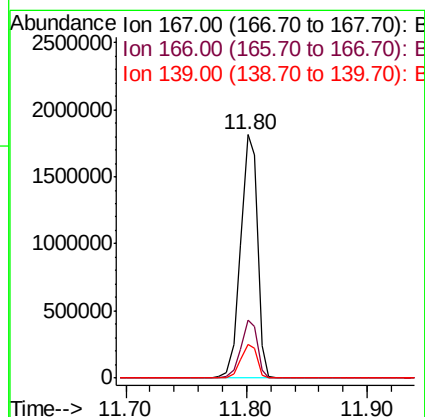
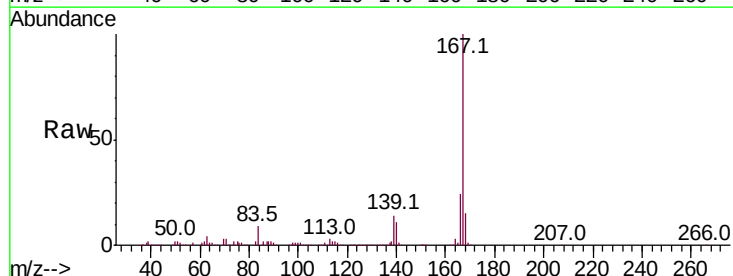
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:178 Resp: 1980718  
 Ion Ratio Lower Upper  
 178 100  
 176 20.8 15.4 23.2  
 179 17.0 12.6 19.0

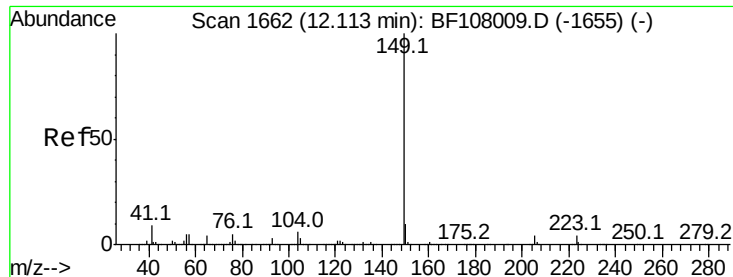


#72  
 Carbazole  
 Concen: 47.860 ng  
 RT: 11.80 min Scan# 1609  
 Delta R.T. 0.01 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

Tgt Ion:167 Resp: 1777543  
 Ion Ratio Lower Upper  
 167 100  
 166 23.6 17.6 26.4  
 139 13.7 10.9 16.3







#73

Di-n-butylphthalate

Concen: 50.206 ng

RT: 12.12 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampleId :

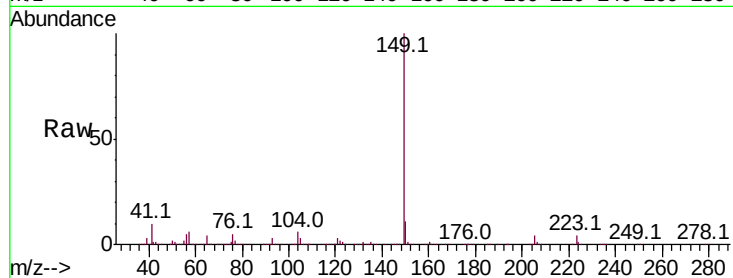
Tot Ion:149 Resp: 2112073

Ion Ratio Lower Upper

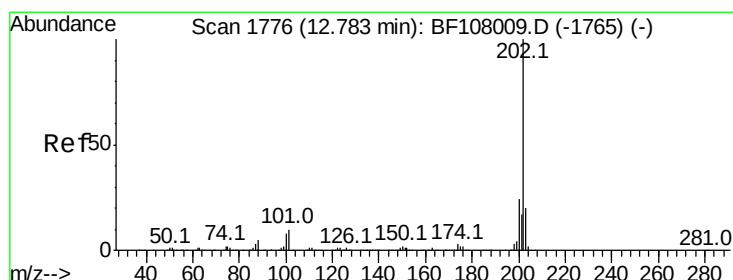
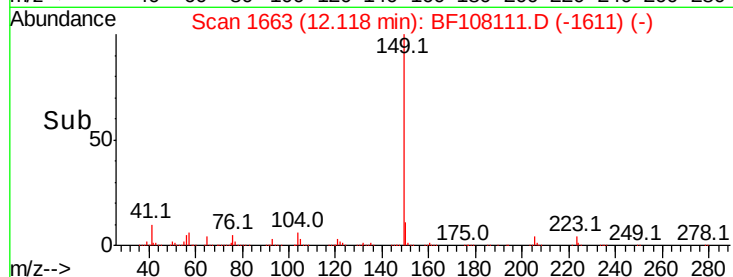
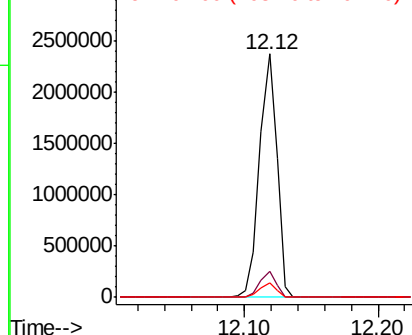
149 100

150 10.6 7.8 11.6

104 5.9 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: 48.069 ng

RT: 12.79 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

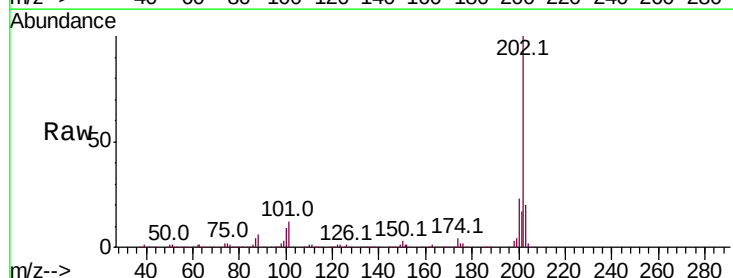
Tgt Ion:202 Resp: 2139658

Ion Ratio Lower Upper

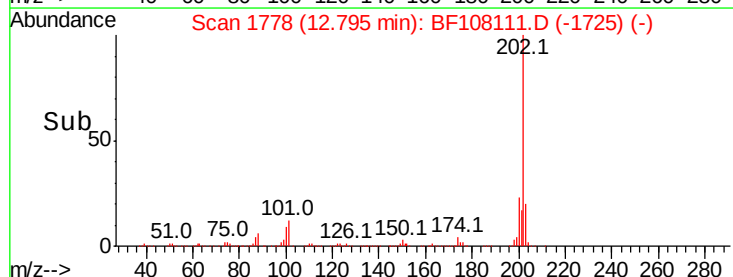
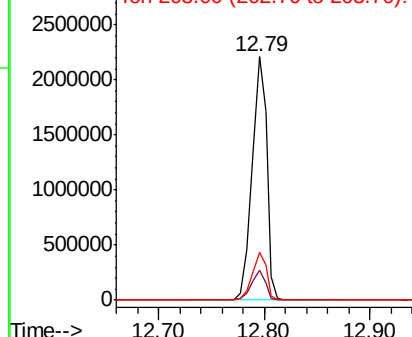
202 100

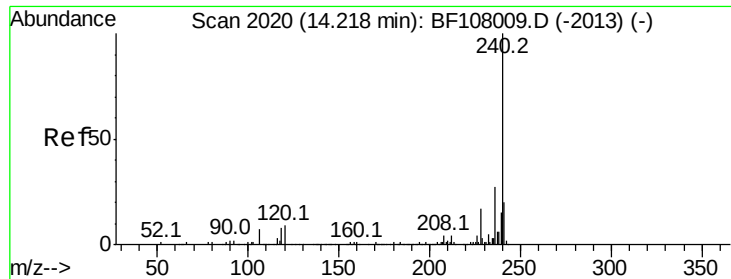
101 12.3 0.0 34.1

203 19.7 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: 14.24 min Scan# 2023

Delta R.T. 0.02 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampleId :

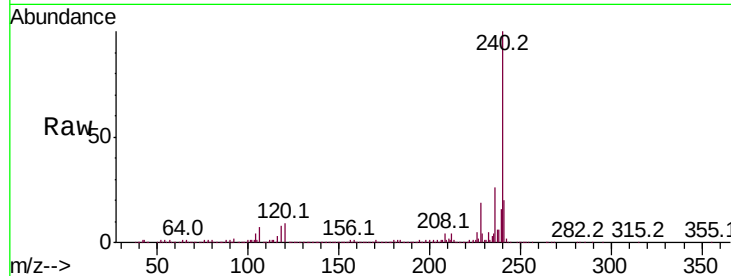
Tot Ion:240 Resp: 697130

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

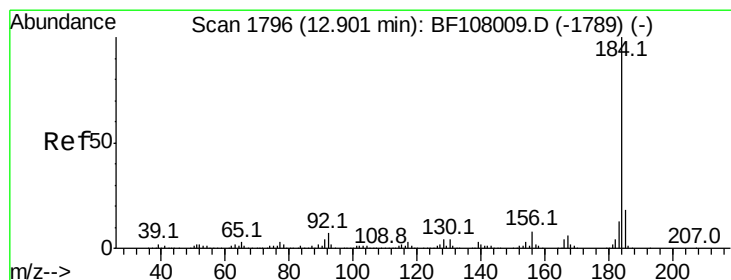
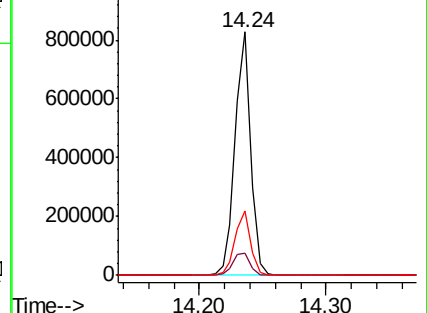
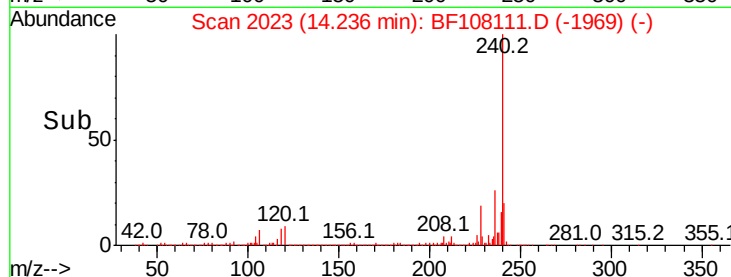
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.592 ng

RT: 12.91 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

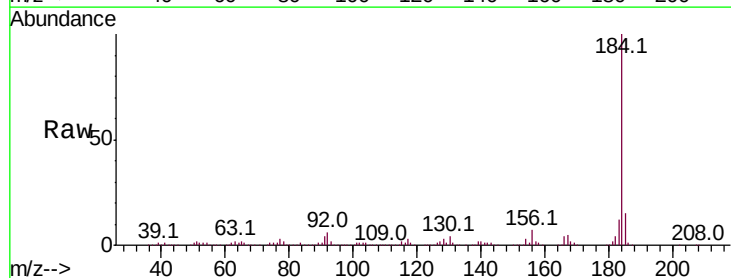
Tgt Ion:184 Resp: 1031226

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

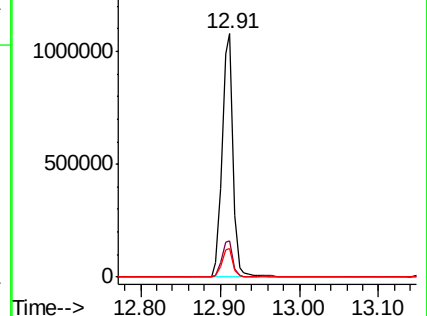
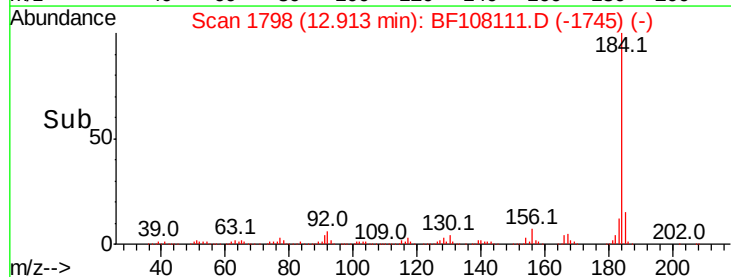
183 11.7 9.3 13.9

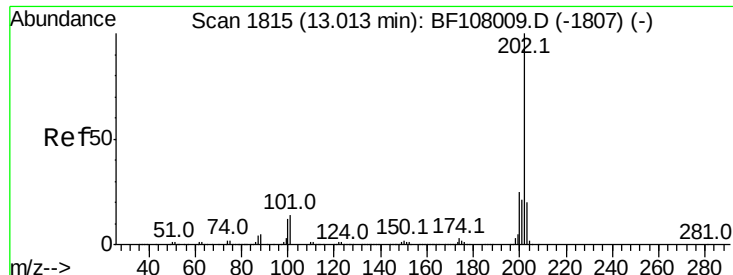


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.369 ng

RT: 13.03 min Scan# 1818

Delta R.T. 0.02 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

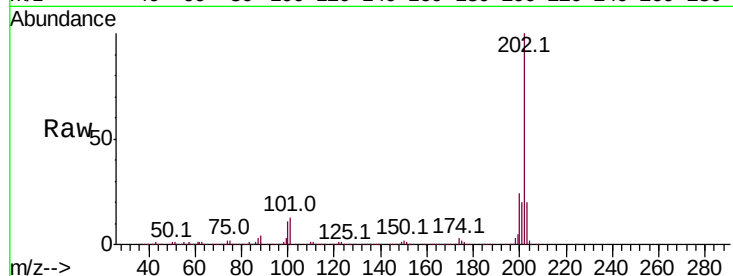
Instrument :

BNA\_F

ClientSampled :

Tot Ion:202 Resp: 2134780

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.9  | 17.4  | 26.2  |
| 203 | 19.6  | 14.3  | 21.5  |

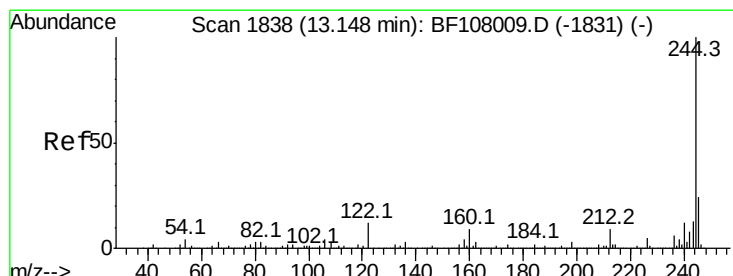
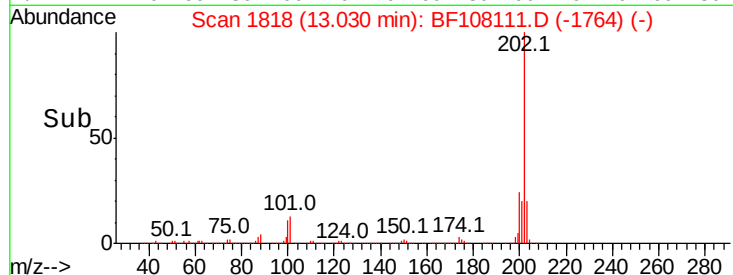
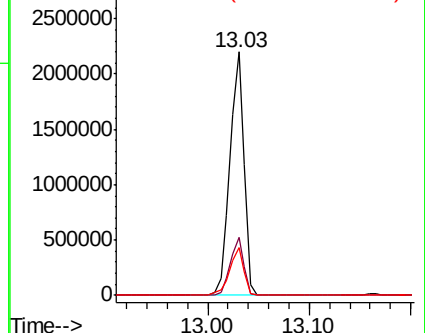


Abundance

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: 104.165 ng

RT: 13.17 min Scan# 1841

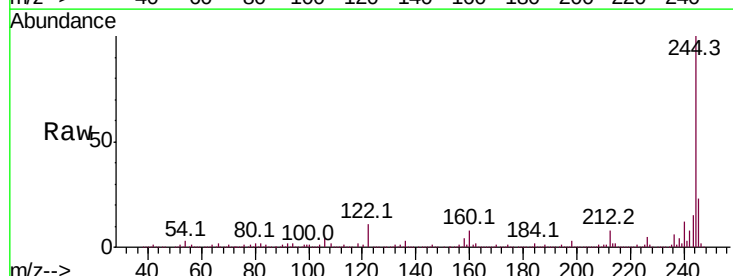
Delta R.T. 0.02 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Tgt Ion:244 Resp: 2856044

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.4   | 5.4   | 8.0#  |
| 122 | 11.1  | 11.0  | 16.4  |

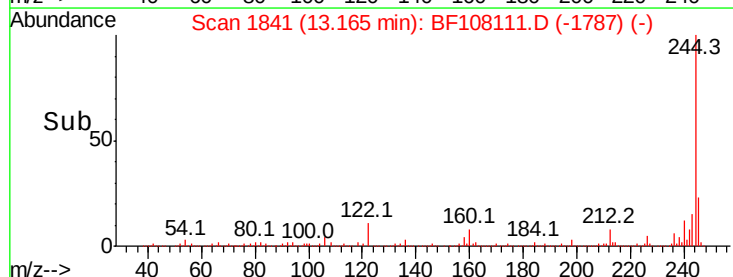
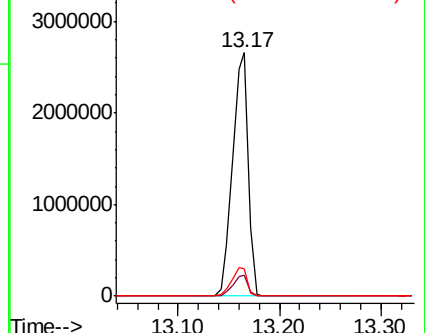


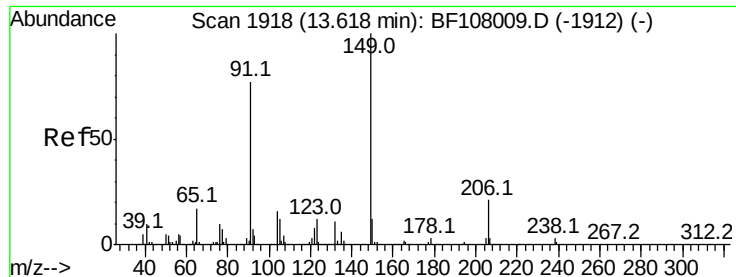
Abundance

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: 53.570 ng

RT: 13.63 min Scan# 1920

Delta R.T. 0.01 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampled :

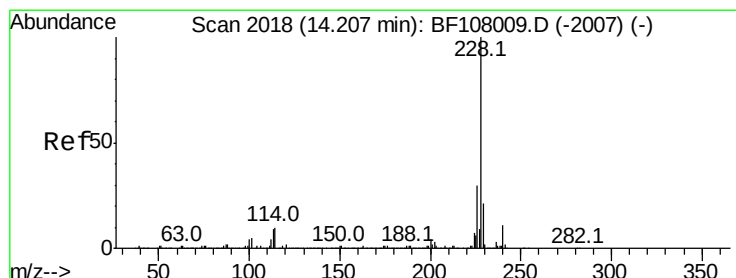
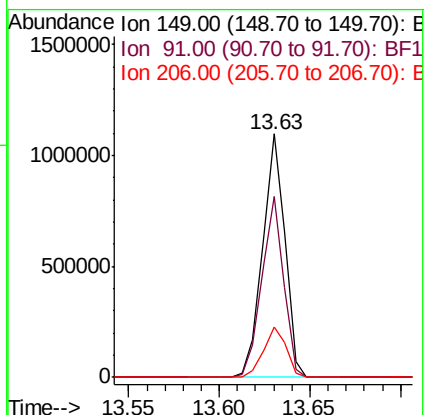
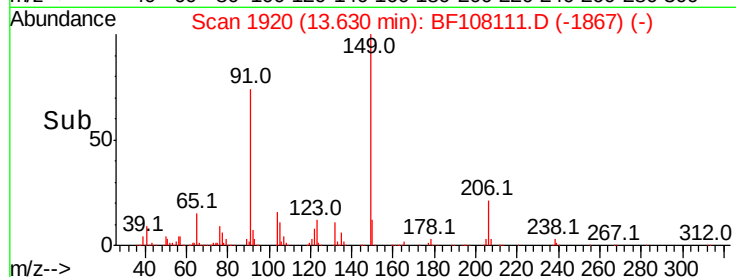
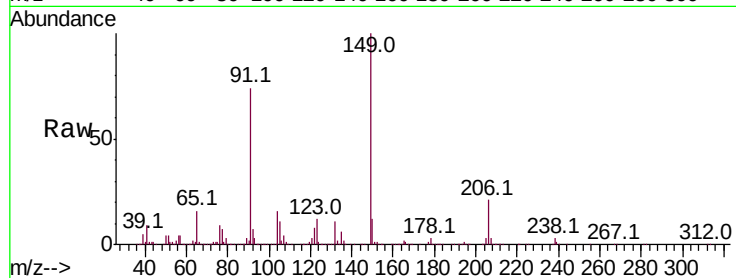
Tot Ion:149 Resp: 938850

Ion Ratio Lower Upper

149 100

91 74.4 56.8 85.2

206 20.9 14.1 21.1



#80

Benzo(a)anthracene

Concen: 47.552 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.02 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

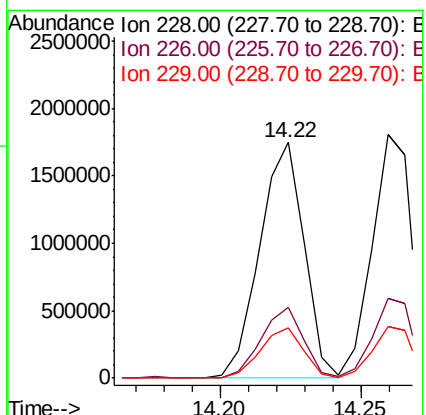
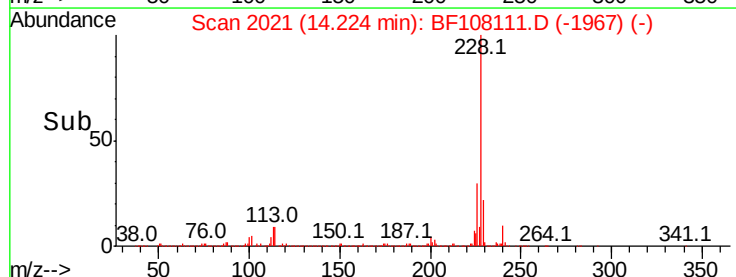
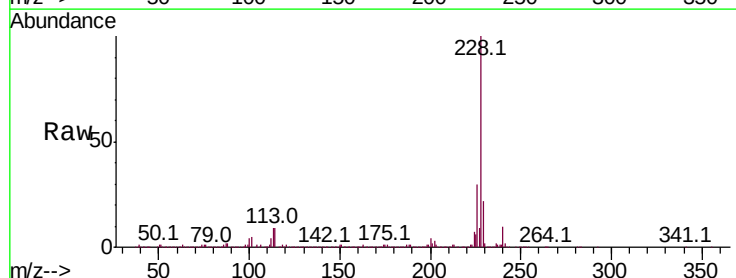
Tgt Ion:228 Resp: 1902478

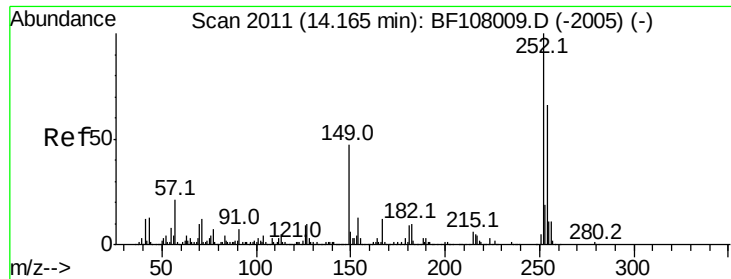
Ion Ratio Lower Upper

228 100

226 30.1 22.6 33.8

229 21.5 15.8 23.6

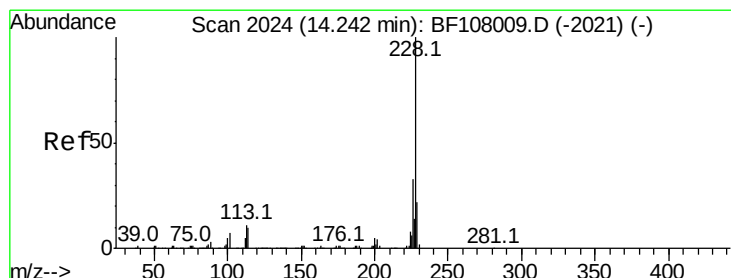
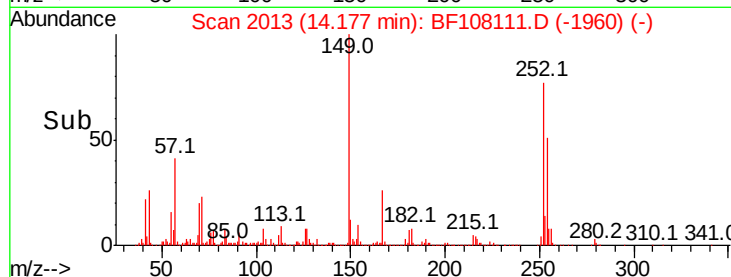
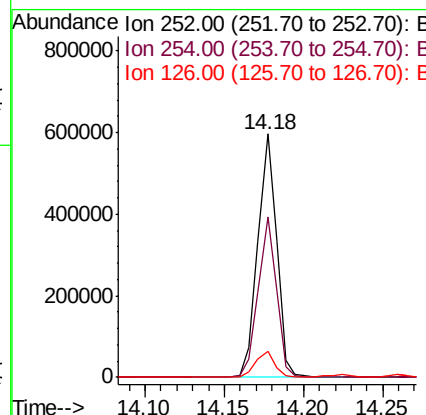
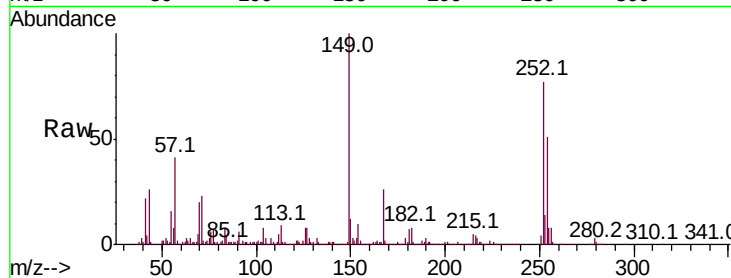




#81  
 3,3'-Dichlorobenzidine  
 Concen: 34.448 ng  
 RT: 14.18 min Scan# 2013  
 Delta R.T. 0.01 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

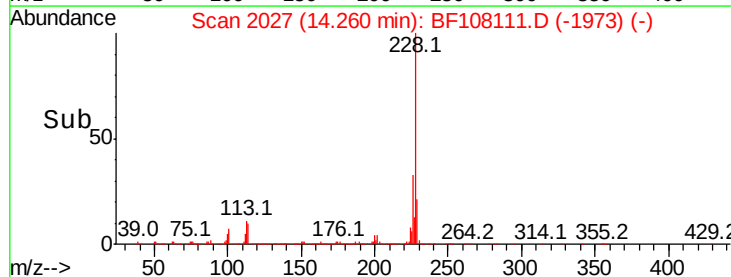
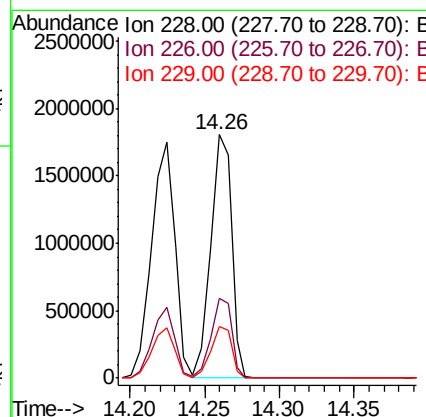
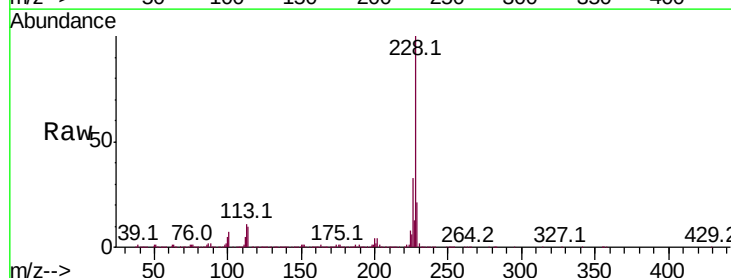
Instrument :  
 BNA\_F  
 ClientSampleId :

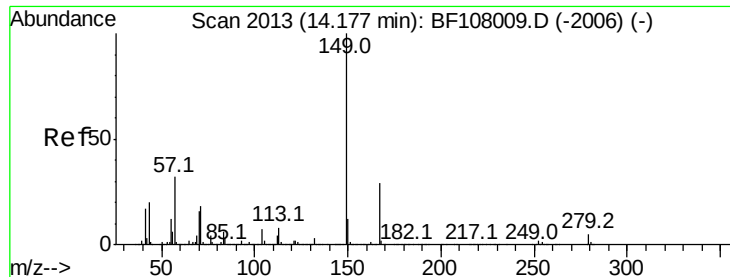
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.8  | 50.4  | 75.6  |
| 126     | 10.7  | 11.3  | 16.9  |



#82  
 Chrysene  
 Concen: 47.321 ng  
 RT: 14.26 min Scan# 2027  
 Delta R.T. 0.02 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.6  | 25.0  | 37.6  |
| 229     | 21.4  | 16.2  | 24.4  |

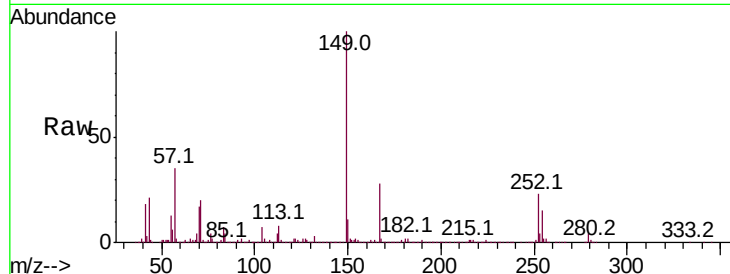




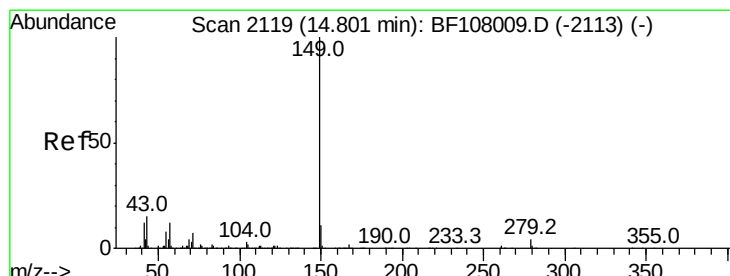
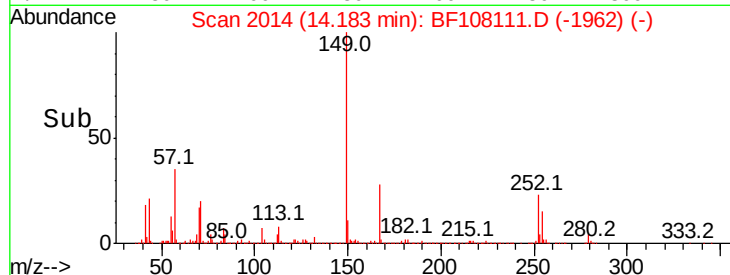
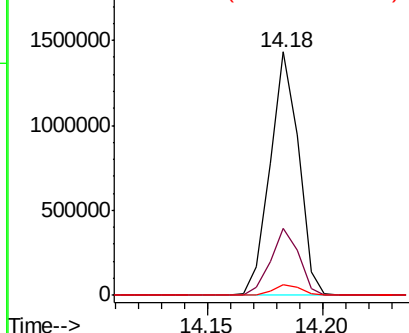
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 51.676 ng  
 RT: 14.18 min Scan# 2014  
 Delta R.T. 0.01 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:149 Resp: 1226421  
 Ion Ratio Lower Upper  
 149 100  
 167 27.6 21.3 31.9  
 279 4.2 3.0 4.4

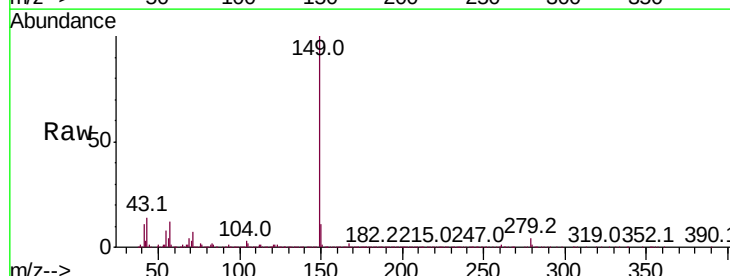


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

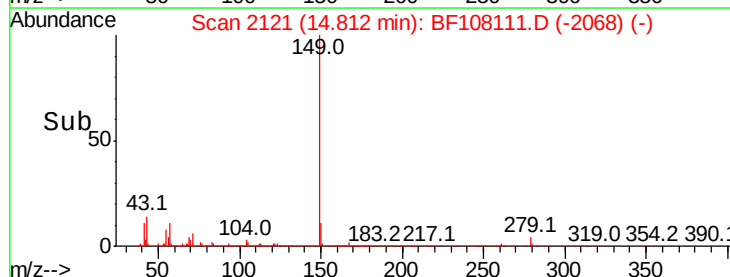
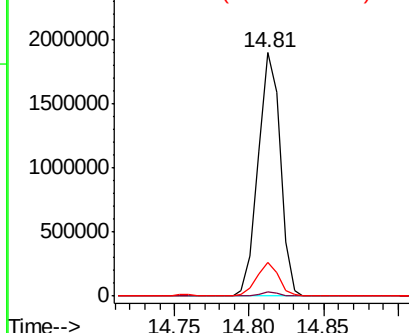


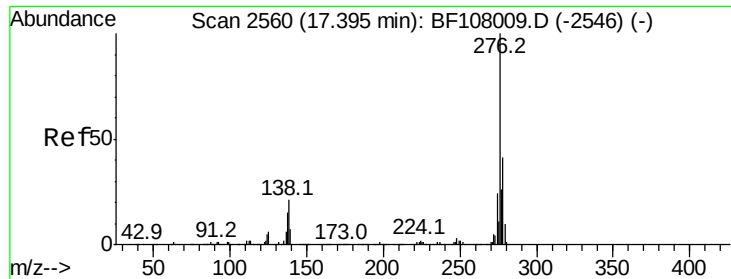
#84  
 Di-n-octyl phthalate  
 Concen: 53.165 ng  
 RT: 14.81 min Scan# 2121  
 Delta R.T. 0.01 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

Tgt Ion:149 Resp: 1924300  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.2 1.8  
 43 12.9 8.4 12.6#



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

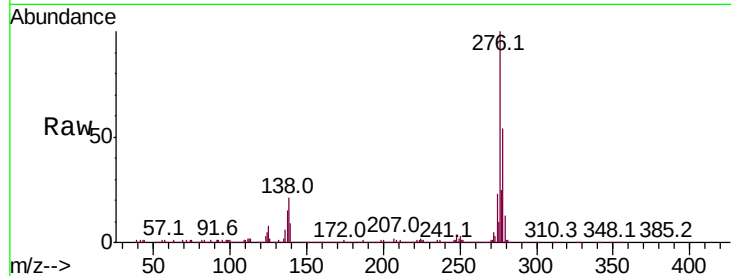




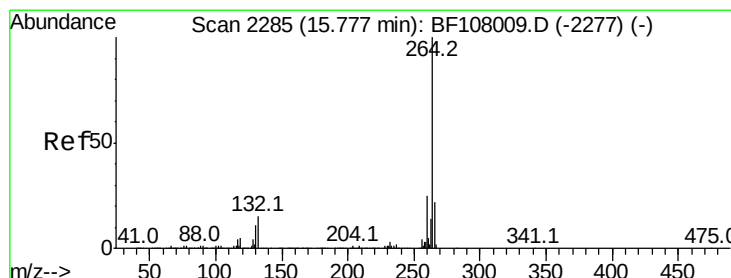
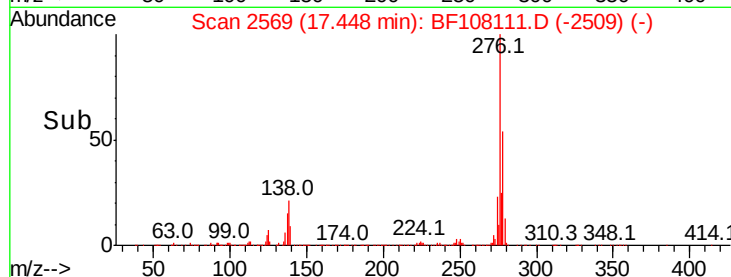
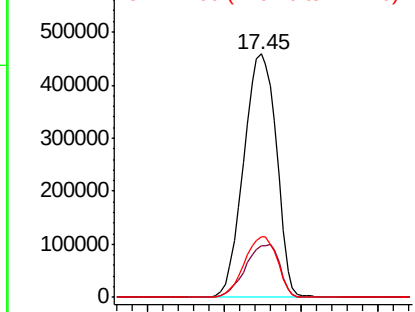
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.159 ng  
 RT: 17.45 min Scan# 2569  
 Delta R.T. 0.05 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:276 Resp: 1371636  
 Ion Ratio Lower Upper  
 276 100  
 138 22.4 25.0 37.6#  
 277 25.1 20.1 30.1

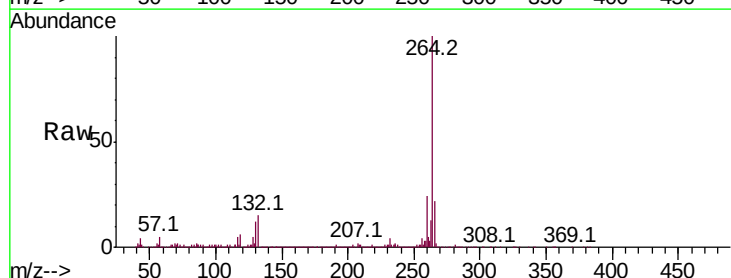


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

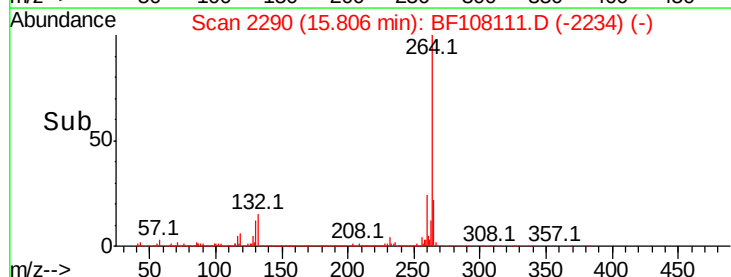
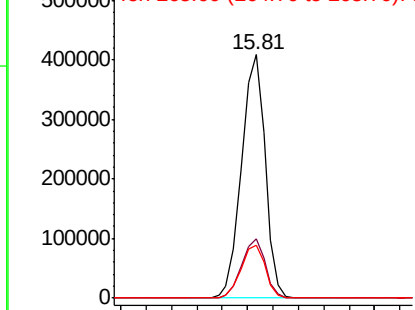


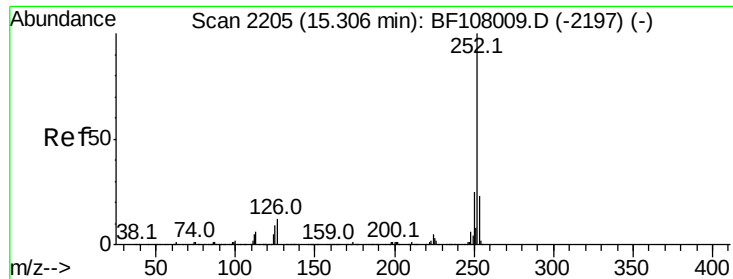
#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.81 min Scan# 2290  
 Delta R.T. 0.03 min  
 Lab File: BF108111.D  
 Acq: 13 Aug 2018 12:56

Tgt Ion:264 Resp: 527905  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.2 28.8  
 265 21.9 17.5 26.3



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

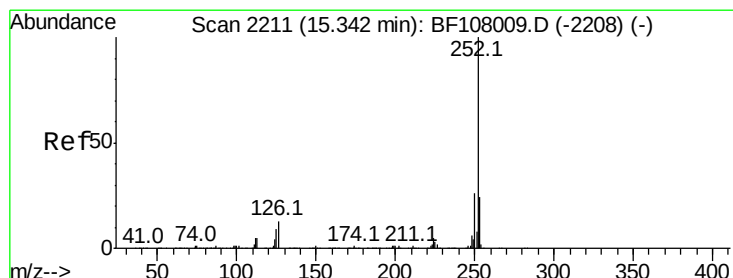
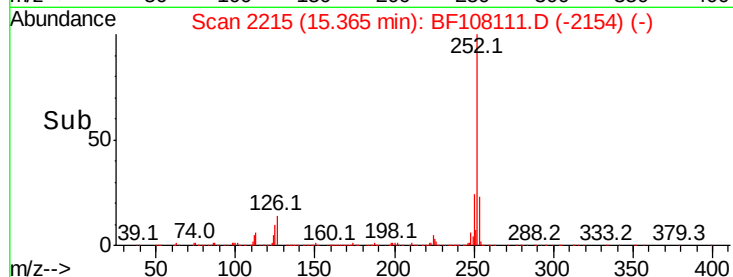
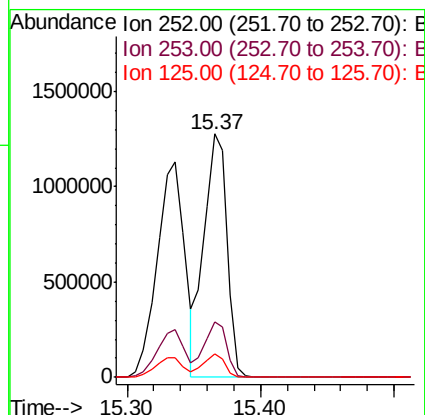
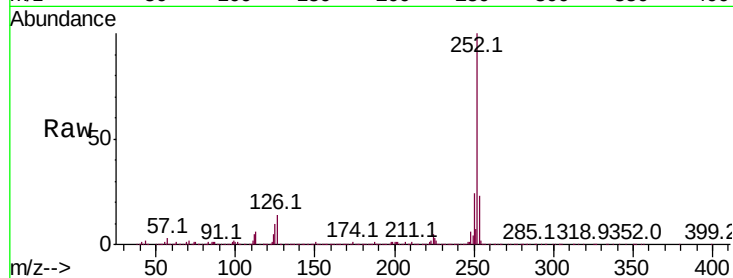




#87  
Benzo(b)fluoranthene  
Concen: 48.402 ng  
RT: 15.37 min Scan# 2215  
Delta R.T. 0.06 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

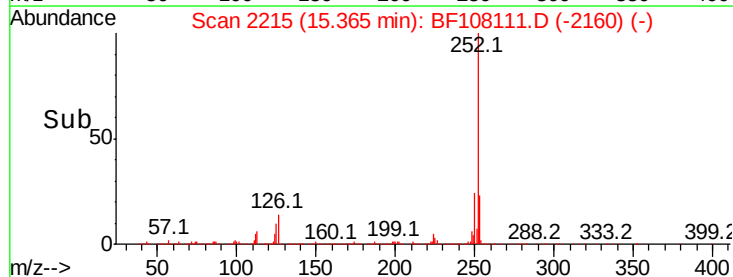
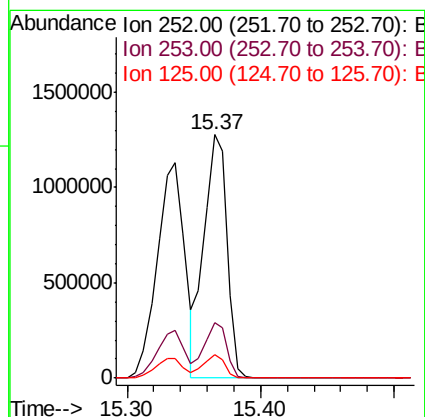
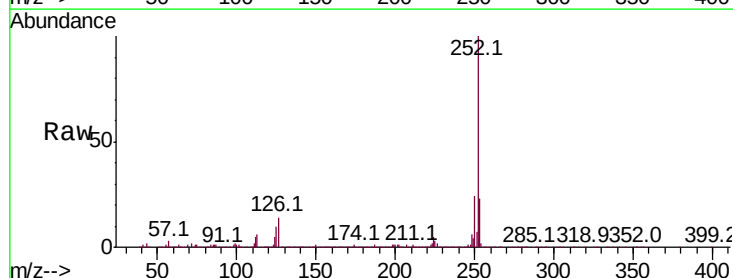
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 1526818  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.0 25.6  
125 9.7 9.0 13.6

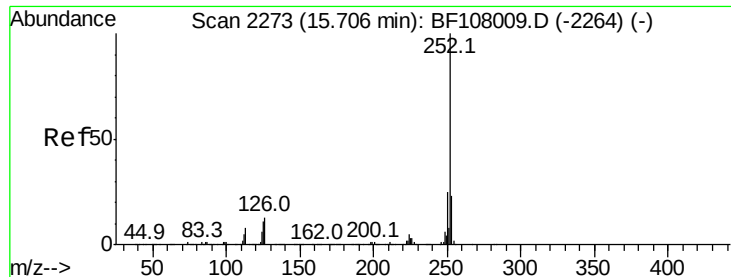


#88  
Benzo(k)fluoranthene  
Concen: 52.654 ng  
RT: 15.37 min Scan# 2215  
Delta R.T. 0.02 min  
Lab File: BF108111.D  
Acq: 13 Aug 2018 12:56

Tgt Ion:252 Resp: 1526818  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.9 26.9  
125 9.7 10.2 15.2#







#89

Benzo(a)pyrene

Concen: 51.238 ng

RT: 15.74 min Scan# 2279

Delta R.T. 0.04 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampleId :

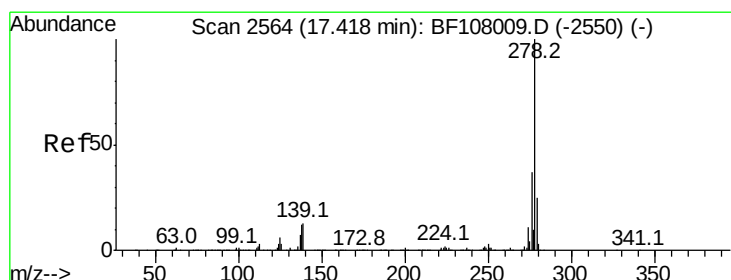
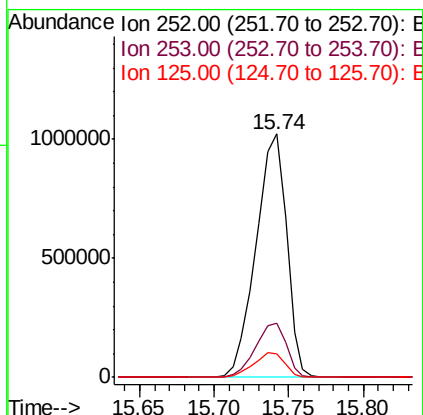
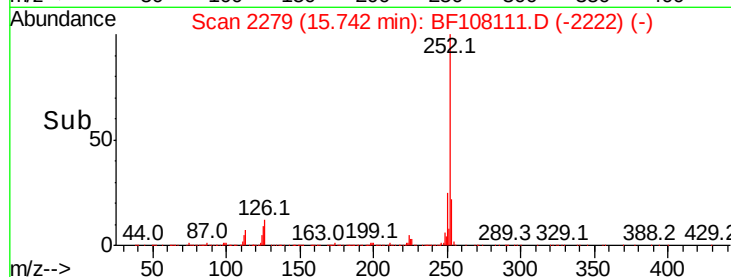
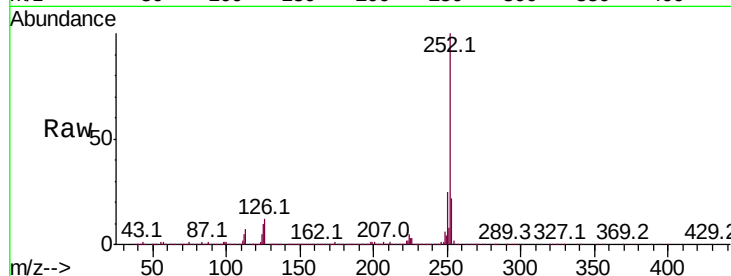
Tot Ion:252 Resp: 1447344

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 9.5 9.8 14.6#



#90

Dibenzo(a,h)anthracene

Concen: 48.904 ng

RT: 17.47 min Scan# 2572

Delta R.T. 0.05 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

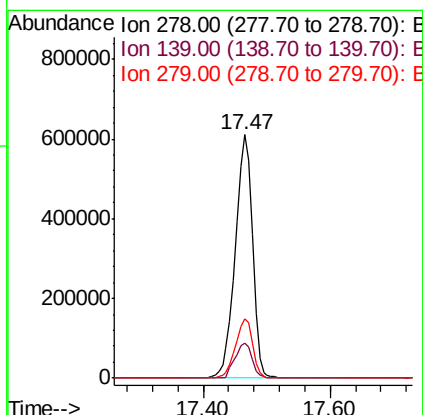
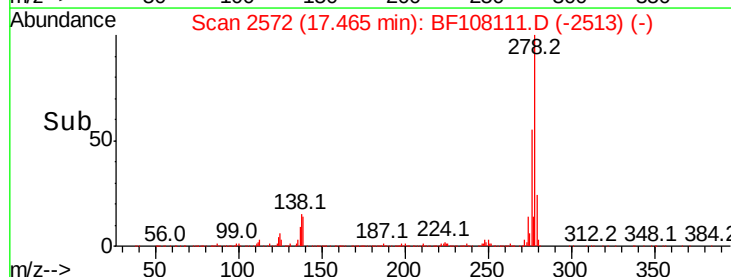
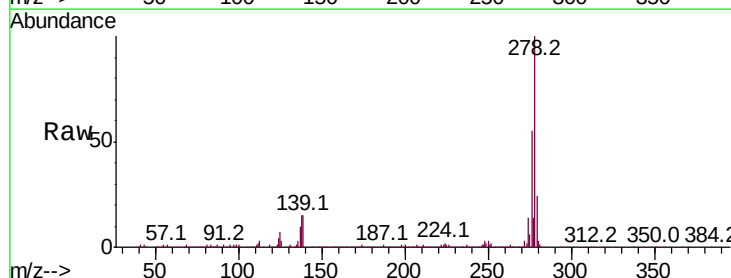
Tgt Ion:278 Resp: 1142972

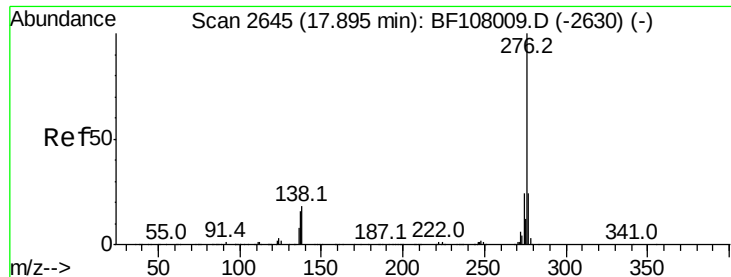
Ion Ratio Lower Upper

278 100

139 14.5 15.9 23.9#

279 24.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 48.834 ng

RT: 17.95 min Scan# 2655

Delta R.T. 0.06 min

Lab File: BF108111.D

Acq: 13 Aug 2018 12:56

Instrument :

BNA\_F

ClientSampleId :

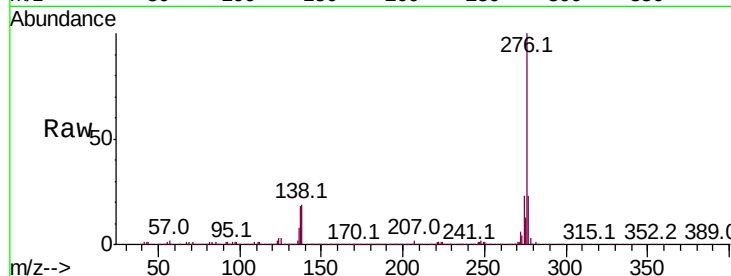
Tot Ion:276 Resp: 1123865

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 19.4 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

