

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032219\  
 Data File : BF113234.D  
 Acq On : 22 Mar 2019 15:00  
 Operator : JU/SJ  
 Sample : K2040-01MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Mar 22 23:26:31 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 13 03:42:55 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 150062   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.00  | 136  | 570108   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 9.75  | 164  | 249859   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 11.23 | 188  | 513981   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 13.86 | 240  | 404058   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.27 | 264  | 411291   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.34  | 112  | 920125   | 95.38  | ng    | 0.00     |
| 7) Phenol-d6                | 6.37  | 99   | 1182961  | 97.62  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.28  | 82   | 723647   | 75.95  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.54 | 330  | 347245   | 130.91 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.07  | 172  | 1220454  | 79.58  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.82 | 244  | 1456960  | 69.90  | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.40 | 88   | 121668   | 25.160 | ng    | 97     |
| 3) Pyridine                    | 3.12 | 79   | 328658   | 25.404 | ng    | 100    |
| 4) n-Nitrosodimethylamine      | 3.04 | 42   | 159738   | 28.226 | ng    | 99     |
| 6) Aniline                     | 6.37 | 93   | 349349   | 20.944 | ng    | # 44   |
| 8) 2-Chlorophenol              | 6.50 | 128  | 353706   | 32.938 | ng    | 98     |
| 9) Benzaldehyde                | 6.26 | 77   | 95339    | 10.919 | ng    | 99     |
| 10) Phenol                     | 6.38 | 94   | 455389   | 32.203 | ng    | 86     |
| 11) bis(2-Chloroethyl)ether    | 6.45 | 93   | 341746   | 31.486 | ng    | 97     |
| 12) 1,3-Dichlorobenzene        | 6.66 | 146  | 385452   | 34.746 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 6.73 | 146  | 385867   | 34.684 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 6.89 | 146  | 359231   | 35.224 | ng    | 97     |
| 15) Benzyl Alcohol             | 6.86 | 79   | 295935   | 32.026 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.00 | 45   | 541238   | 29.880 | ng    | 91     |
| 17) 2-Methylphenol             | 6.99 | 107  | 287378   | 32.987 | ng    | 95     |
| 18) Hexachloroethane           | 7.23 | 117  | 137217   | 32.199 | ng    | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.13 | 70   | 248689   | 32.403 | ng    | 99     |
| 20) 3+4-Methylphenols          | 7.14 | 107  | 367870   | 37.402 | ng    | # 65   |
| 22) Acetophenone               | 7.13 | 105  | 491979   | 36.906 | ng    | # 89   |
| 24) Nitrobenzene               | 7.30 | 77   | 373259   | 35.199 | ng    | 98     |
| 25) Isophorone                 | 7.54 | 82   | 690231   | 33.628 | ng    | 99     |
| 26) 2-Nitrophenol              | 7.62 | 139  | 197161   | 44.664 | ng    | 100    |
| 27) 2,4-Dimethylphenol         | 7.66 | 122  | 316579   | 38.549 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.75 | 93   | 440183   | 34.301 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 7.86 | 162  | 317513   | 39.869 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.95 | 180  | 333175   | 38.935 | ng    | 97     |
| 31) Naphthalene                | 8.02 | 128  | 1049575  | 37.081 | ng    | 99     |
| 32) Benzoic acid               | 7.76 | 122  | 50368    | 8.751  | ng    | 96     |
| 33) 4-Chloroaniline            | 8.07 | 127  | 246622   | 20.572 | ng    | 99     |
| 34) Hexachlorobutadiene        | 8.14 | 225  | 196850   | 40.790 | ng    | 98     |
| 35) Caprolactam                | 8.44 | 113  | 54324    | 19.367 | ng    | 92     |
| 36) 4-Chloro-3-methylphenol    | 8.57 | 107  | 317942   | 36.074 | ng    | 95     |
| 37) 2-Methylnaphthalene        | 8.71 | 142  | 695891   | 38.071 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 8.81 | 142  | 607917   | 34.333 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.88 | 216  | 309901   | 42.533 | ng    | 99     |

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 Acq On : 22 Mar 2019 15:00  
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 Sample : K2040-01MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

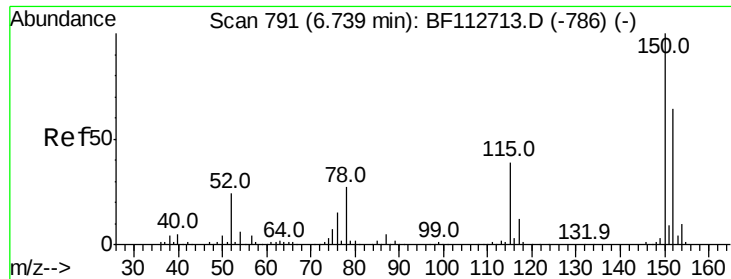
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Mar 22 23:26:31 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 13 03:42:55 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.87  | 237  | 307579   | 77.090 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.00  | 196  | 208147   | 41.509 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.04  | 196  | 217459   | 40.121 | ng    | 100      |
| 46) 1,1'-Biphenyl              | 9.17  | 154  | 745915   | 36.601 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.20  | 162  | 568045   | 35.696 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.29  | 65   | 180453   | 37.307 | ng    | 98       |
| 49) Acenaphthylene             | 9.61  | 152  | 934168   | 34.579 | ng    | 99       |
| 50) Dimethylphthalate          | 9.48  | 163  | 761562   | 41.337 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.54  | 165  | 152893   | 39.852 | ng    | # 78     |
| 52) Acenaphthene               | 9.79  | 154  | 532024   | 33.676 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.70  | 138  | 129370   | 27.674 | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 9.82  | 184  | 117621   | 75.359 | ng    | 97       |
| 55) Dibenzofuran               | 9.96  | 168  | 826916   | 36.013 | ng    | 97       |
| 56) 4-Nitrophenol              | 9.89  | 139  | 232227   | 61.123 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 9.95  | 165  | 201073   | 42.164 | ng    | 86       |
| 58) Fluorene                   | 10.30 | 166  | 629735   | 38.642 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.08 | 232  | 184626   | 40.885 | ng    | 95       |
| 60) Diethylphthalate           | 10.17 | 149  | 700031   | 35.977 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.29 | 204  | 316524   | 41.745 | ng    | 92       |
| 62) 4-Nitroaniline             | 10.32 | 138  | 167043   | 38.669 | ng    | 99       |
| 63) Azobenzene                 | 10.45 | 77   | 641000   | 32.162 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 10.36 | 198  | 93702    | 44.718 | ng    | # 73     |
| 66) n-Nitrosodiphenylamine     | 10.41 | 169  | 575847   | 34.934 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.78 | 248  | 210720   | 38.923 | ng    | # 90     |
| 68) Hexachlorobenzene          | 10.85 | 284  | 240921   | 39.478 | ng    | # 91     |
| 69) Atrazine                   | 10.94 | 200  | 190933   | 37.820 | ng    | 98       |
| 70) Pentachlorophenol          | 11.04 | 266  | 234234   | 65.212 | ng    | 97       |
| 71) Phenanthrene               | 11.26 | 178  | 950845   | 37.182 | ng    | 99       |
| 72) Anthracene                 | 11.31 | 178  | 983376   | 36.736 | ng    | 99       |
| 73) Carbazole                  | 11.46 | 167  | 916657   | 35.103 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.80 | 149  | 1166879  | 37.267 | ng    | 99       |
| 75) Fluoranthene               | 12.44 | 202  | 1069669  | 39.042 | ng    | 97       |
| 77) Benzidine                  | 12.56 | 184  | 381869   | 18.216 | ng    | 98       |
| 78) Pyrene                     | 12.67 | 202  | 1080566  | 31.723 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.29 | 149  | 503986   | 33.519 | ng    | 94       |
| 81) Benzo(a)anthracene         | 13.86 | 228  | 837020   | 29.889 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.82 | 252  | 250190   | 23.622 | ng    | # 98     |
| 83) Chrysene                   | 13.89 | 228  | 863140   | 31.466 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.85 | 149  | 692719   | 39.279 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.46 | 149  | 1280824  | 42.295 | ng    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.64 | 276  | 1026585  | 43.898 | ng    | 95       |
| 88) Benzo(b)fluoranthene       | 14.87 | 252  | 872684   | 32.803 | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 14.87 | 252  | 872684   | 36.215 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.22 | 252  | 852166   | 36.214 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.66 | 278  | 853649   | 42.513 | ng    | 96       |
| 92) Benzo(g,h,i)perylene       | 17.05 | 276  | 927523   | 46.002 | ng    | 96       |

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



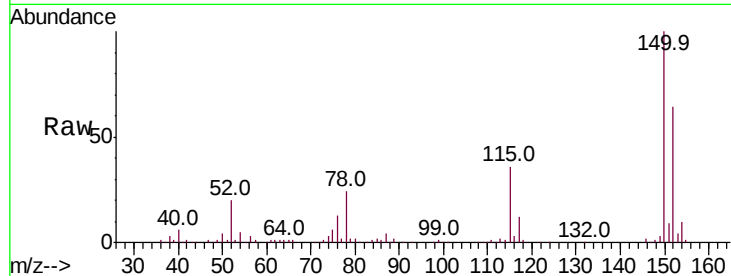


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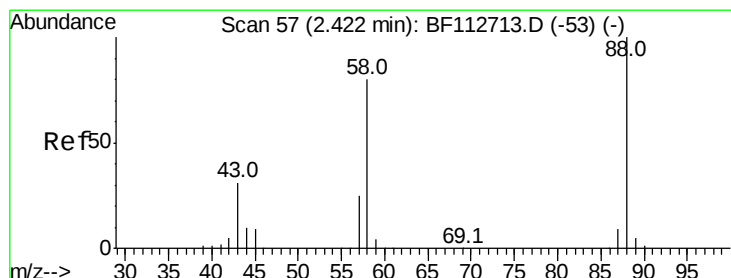
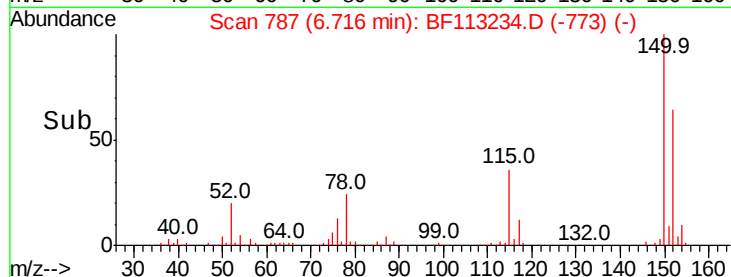
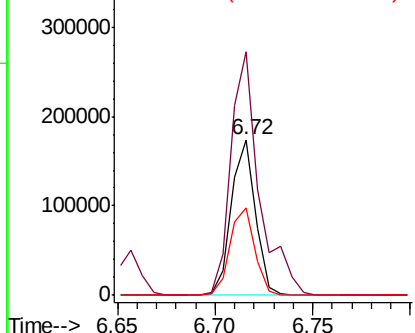
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 787  
Delta R.T. -0.02 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 150062  
Ion Ratio Lower Upper  
152 100  
150 156.4 124.2 186.2  
115 56.5 48.2 72.4



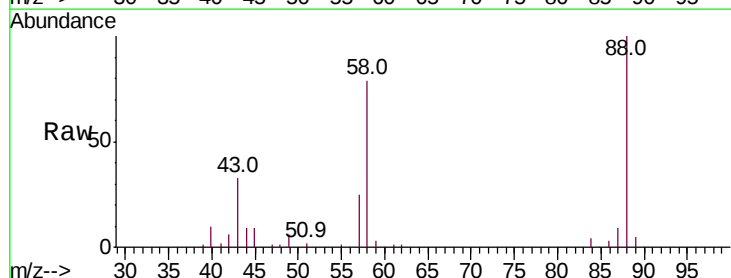
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



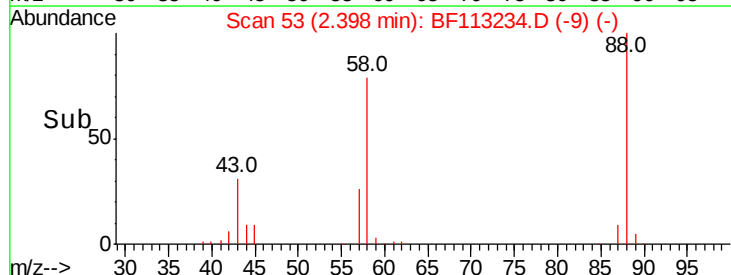
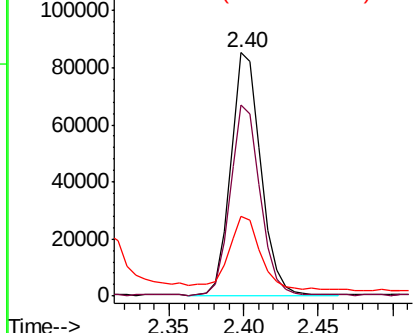
#2

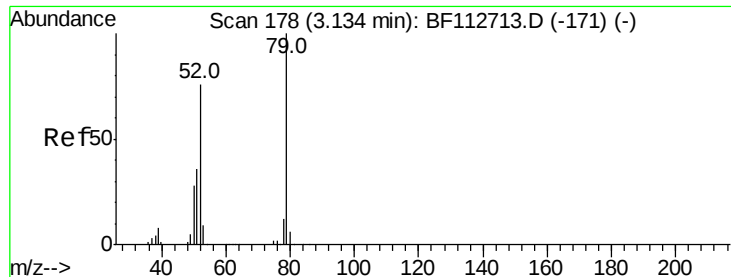
1,4-Dioxane  
Concen: 25.160 ng  
RT: 2.40 min Scan# 53  
Delta R.T. -0.04 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Tgt Ion: 88 Resp: 121668  
Ion Ratio Lower Upper  
88 100  
58 76.5 63.1 94.7  
43 33.1 24.3 36.5



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





#3

Pvridine

Concen: 25.404 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.03 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampleId :

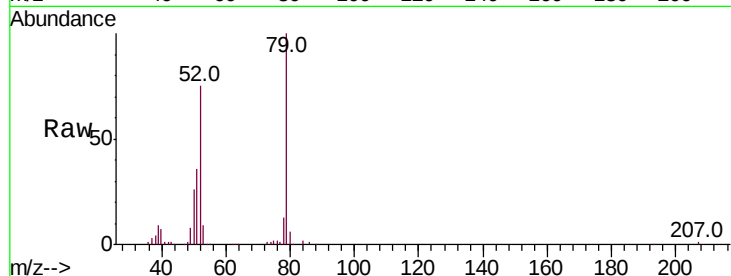
Tot Ion: 79 Resp: 328658

Ion Ratio Lower Upper

79 100

52 75.0 60.5 90.7

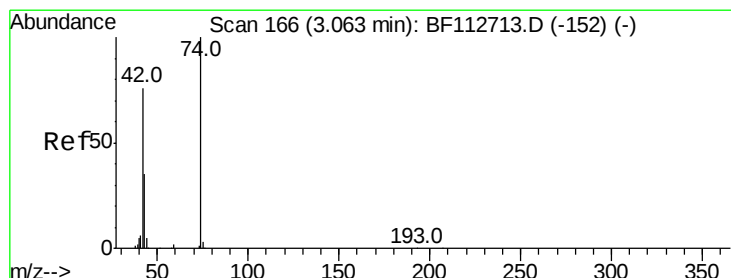
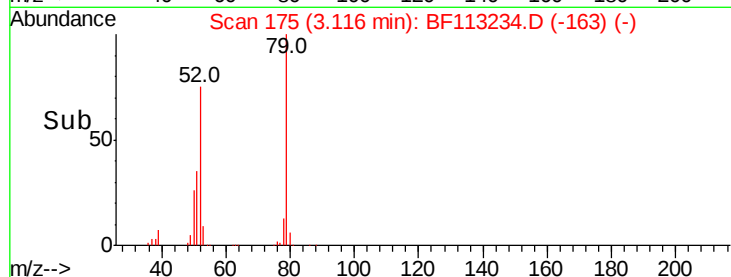
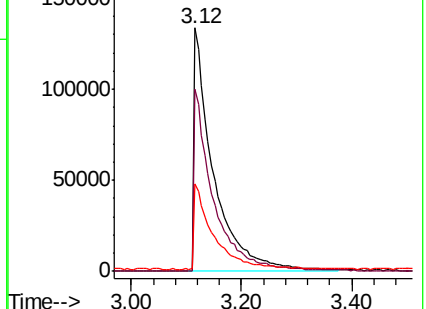
51 35.9 28.8 43.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 28.226 ng

RT: 3.04 min Scan# 162

Delta R.T. -0.05 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

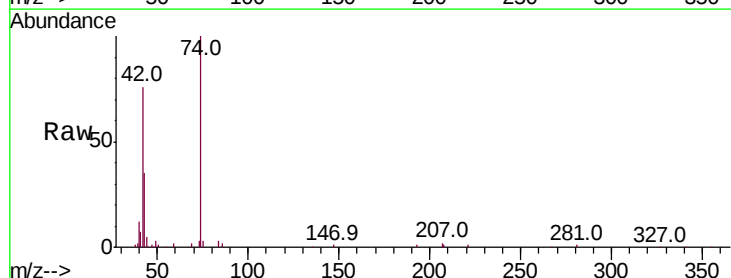
Tgt Ion: 42 Resp: 159738

Ion Ratio Lower Upper

42 100

74 131.4 105.8 158.8

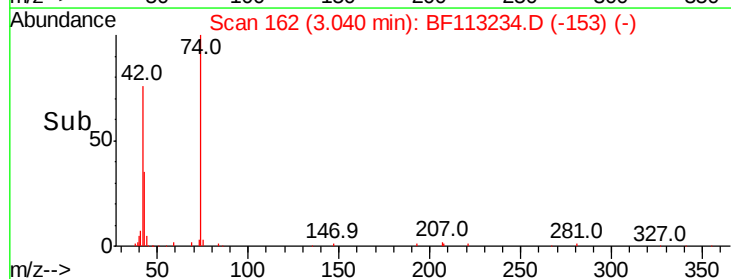
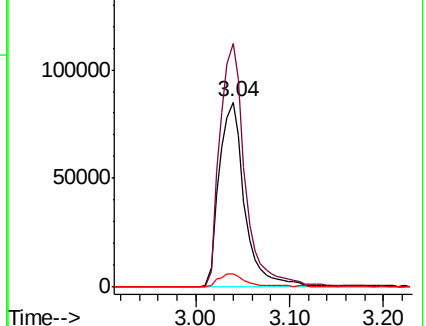
44 7.1 6.2 9.2

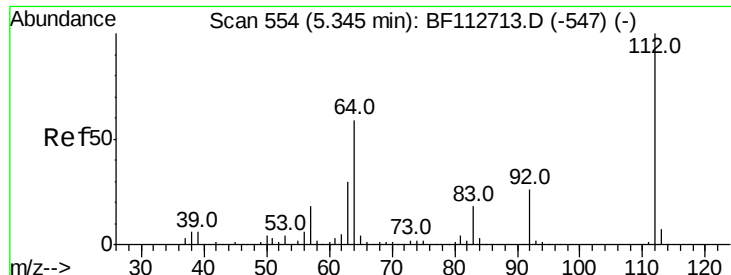


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 95.380 ng

RT: 5.34 min Scan# 553

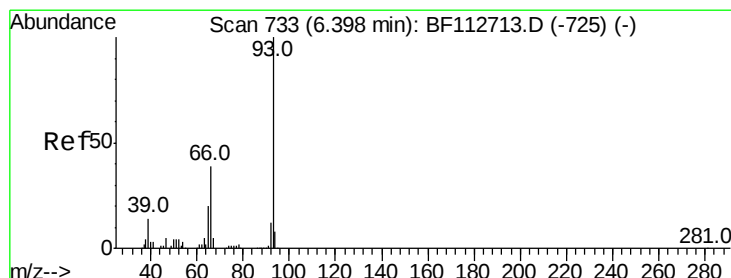
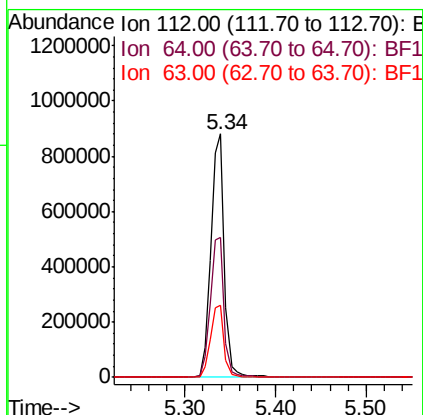
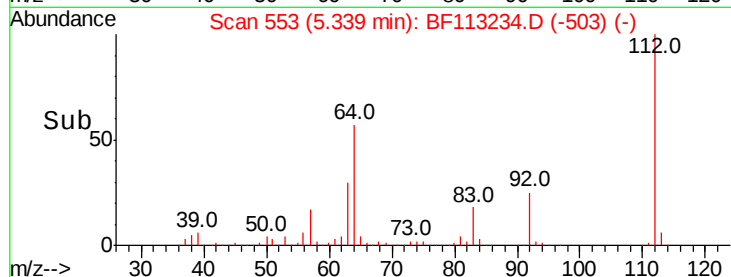
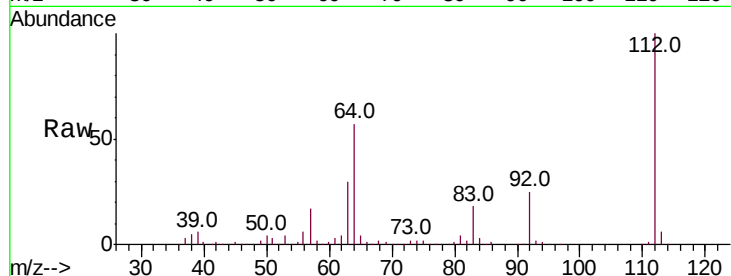
Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :  
BNA\_F  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 920125 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 57.3  | 47.6  | 71.4   |
| 63       | 29.8  | 24.4  | 36.6   |



#6

Aniline

Concen: 20.944 ng

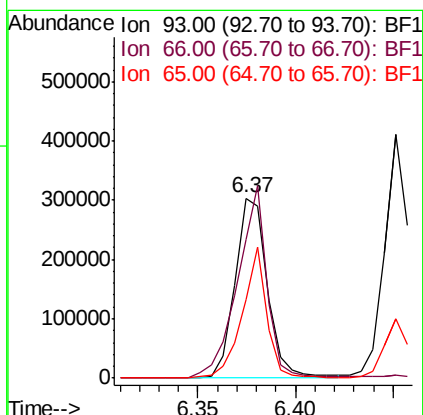
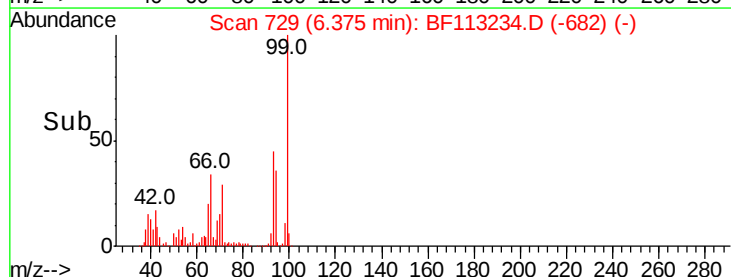
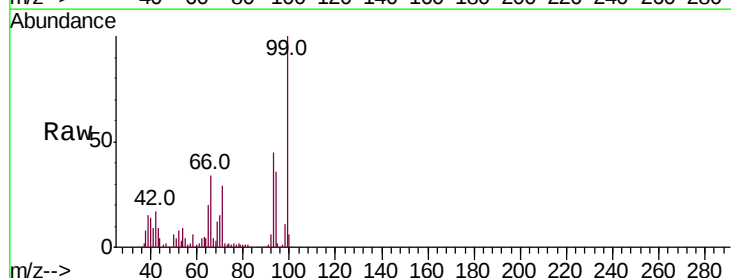
RT: 6.37 min Scan# 729

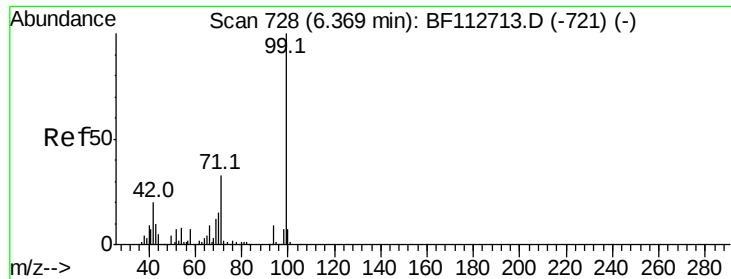
Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 349349 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 77.0  | 32.2  | 48.2#  |
| 65       | 43.7  | 16.2  | 24.4#  |





#7

Phenol-d6

Concen: 97.619 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampleId :

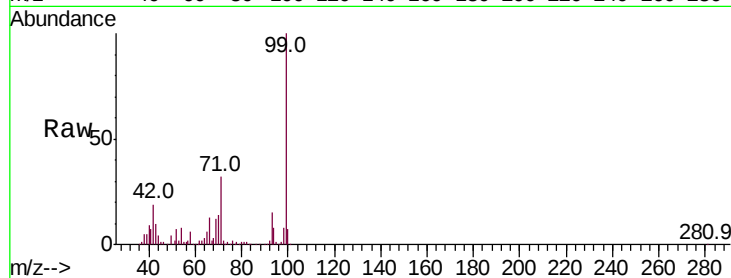
Tot Ion: 99 Resp: 1182961

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

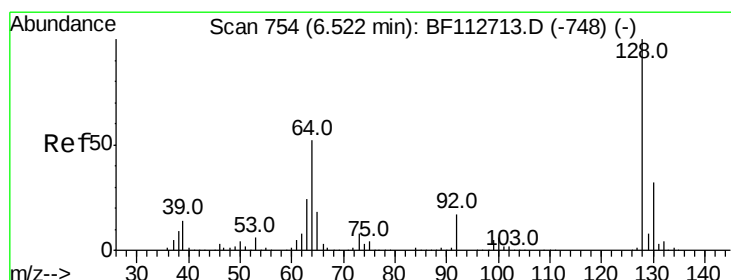
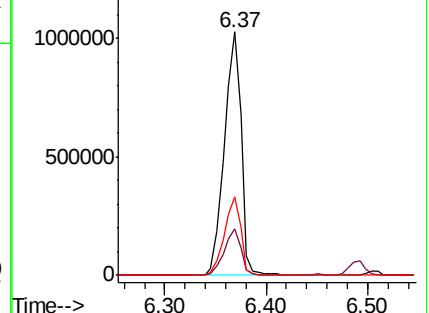
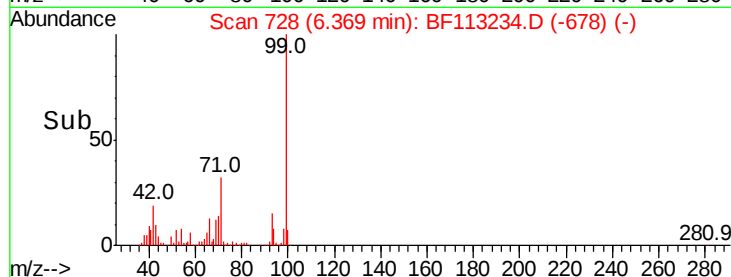
71 32.1 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 32.938 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

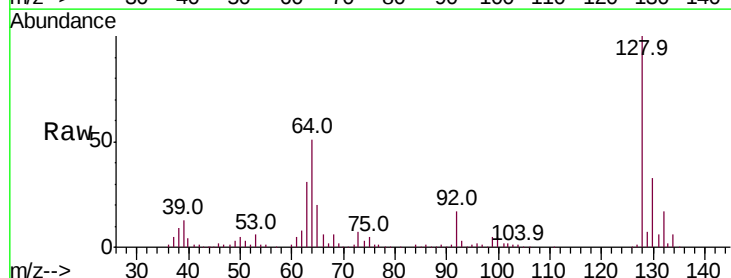
Tgt Ion:128 Resp: 353706

Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

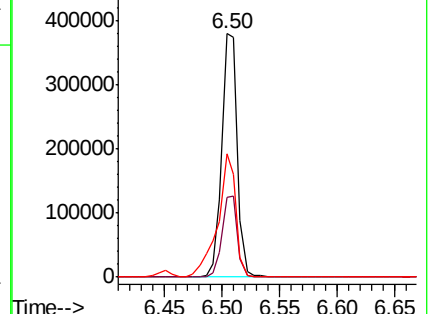
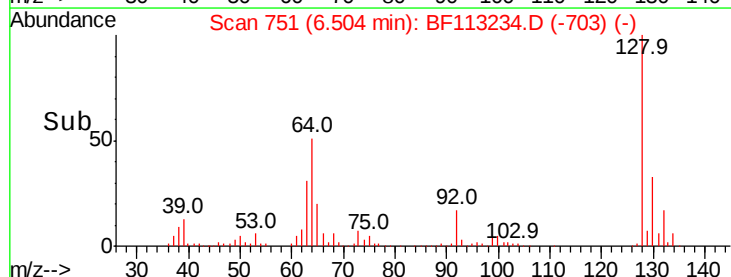
64 50.8 32.2 72.2

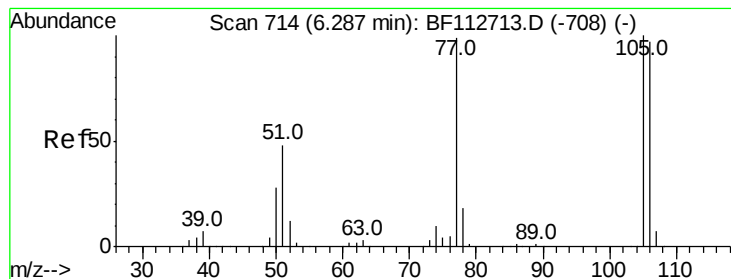


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 10.919 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampled :

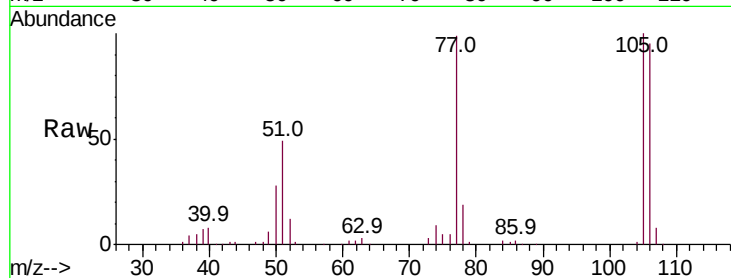
Tot Ion: 77 Resp: 95339

Ion Ratio Lower Upper

77 100

105 100.8 81.4 121.4

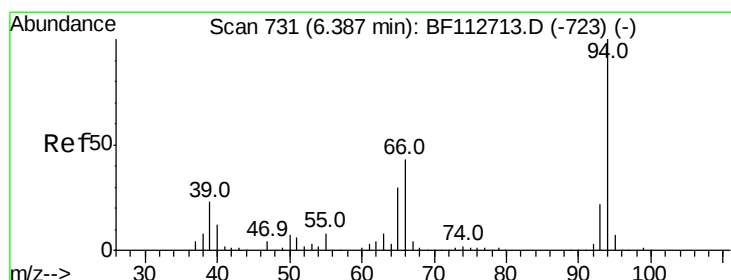
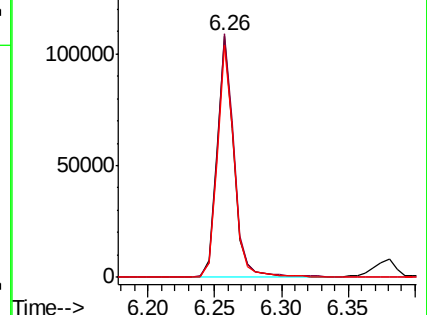
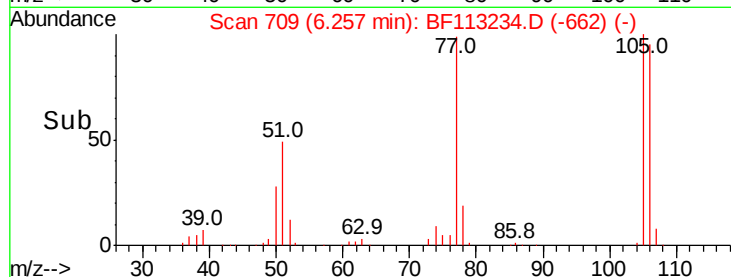
106 96.0 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 32.203 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

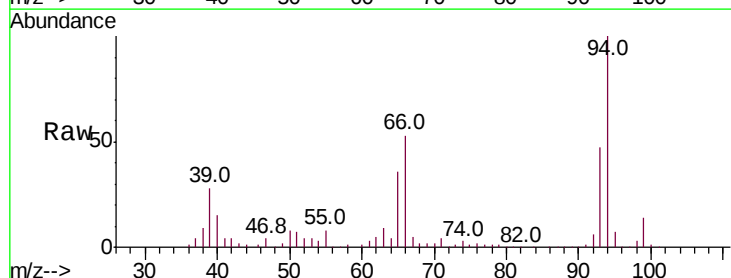
Tgt Ion: 94 Resp: 455389

Ion Ratio Lower Upper

94 100

65 36.2 10.5 50.5

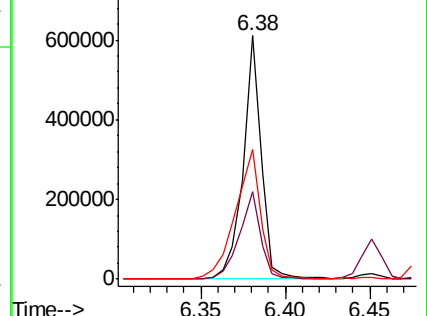
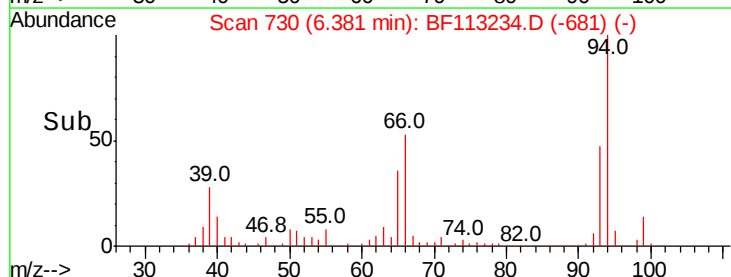
66 53.1 22.6 62.6

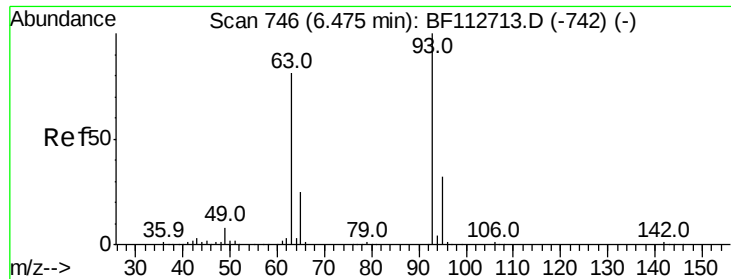


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

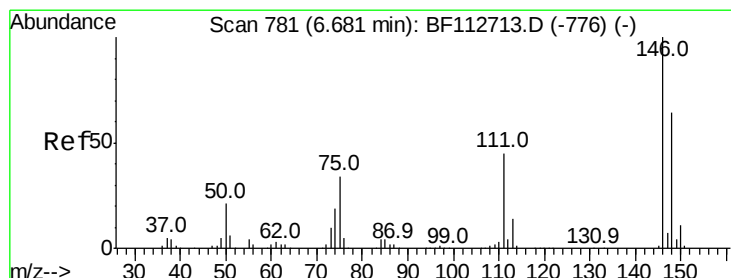
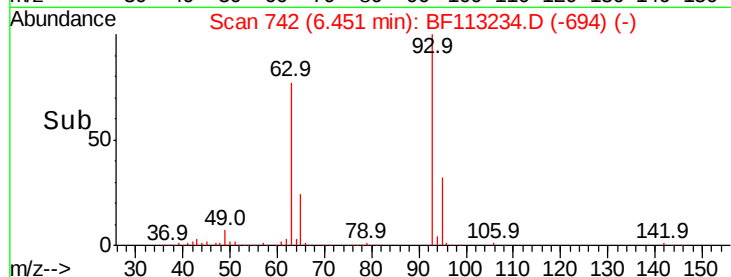
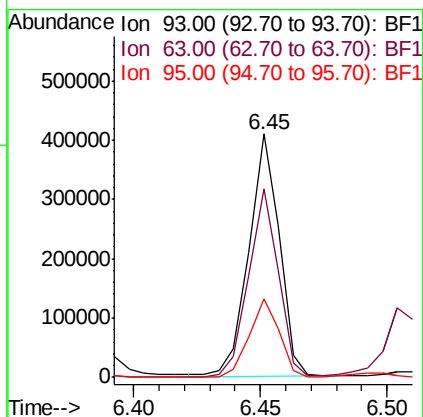
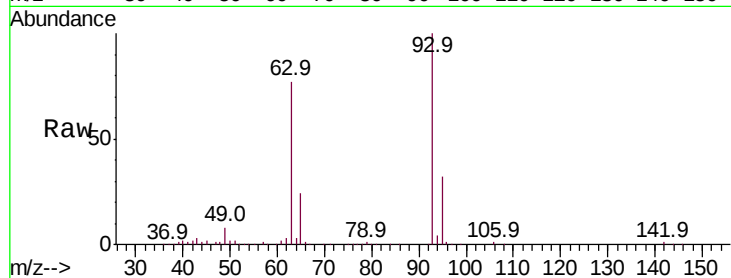




#11  
bis(2-Chloroethyl)ether  
Concen: 31.486 ng  
RT: 6.45 min Scan# 742  
Delta R.T. -0.02 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

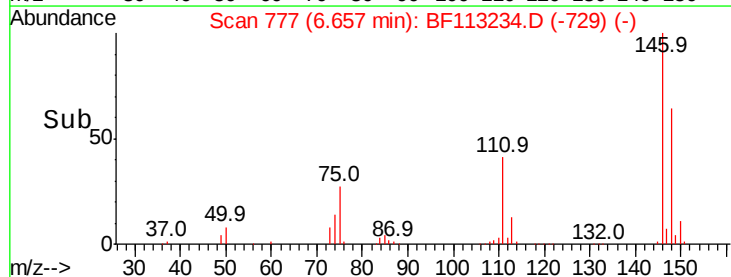
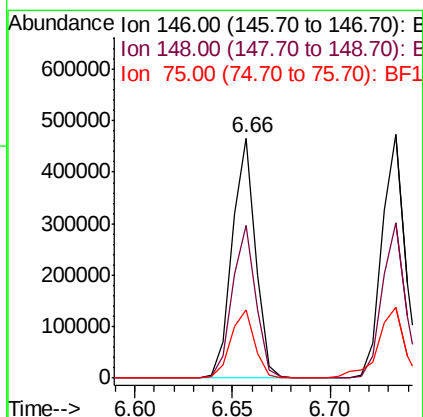
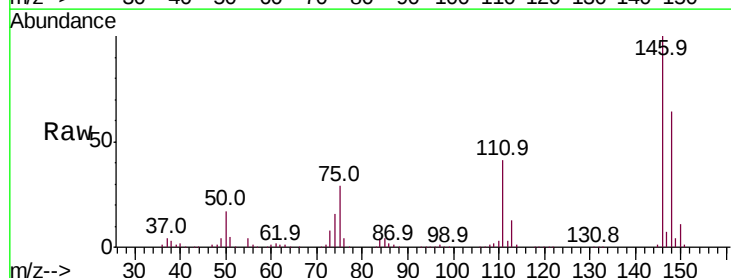
Instrument :  
BNA\_F  
ClientSampled :

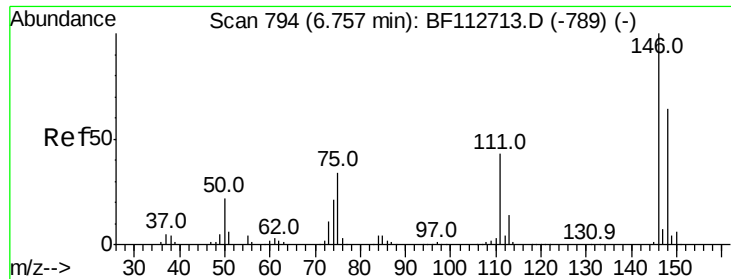
Tot Ion: 93 Resp: 341746  
Ion Ratio Lower Upper  
93 100  
63 77.3 60.5 100.5  
95 32.3 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 34.746 ng  
RT: 6.66 min Scan# 777  
Delta R.T. -0.02 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Tgt Ion: 146 Resp: 385452  
Ion Ratio Lower Upper  
146 100  
148 63.8 50.9 76.3  
75 28.5 26.9 40.3

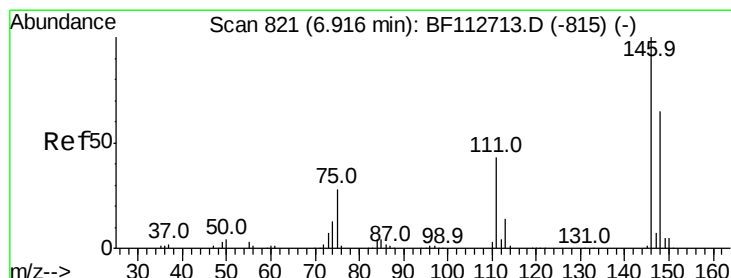
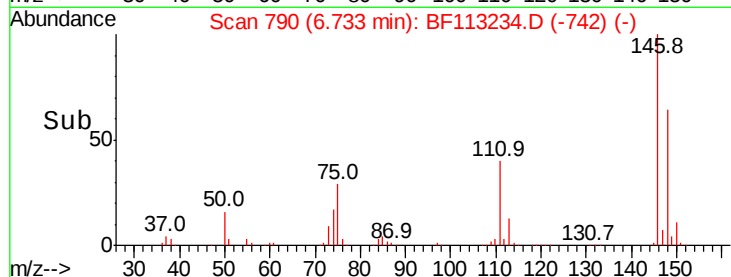
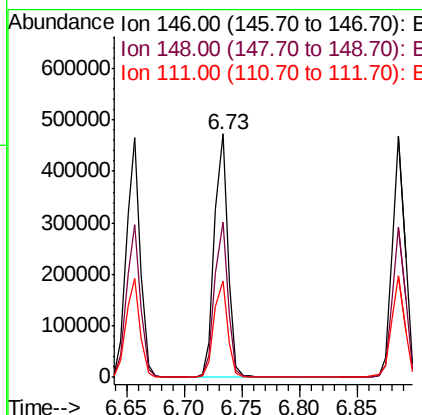
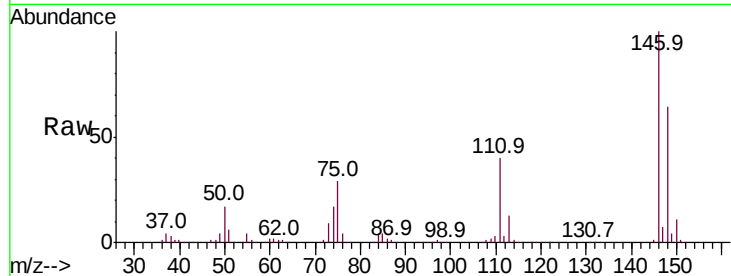




#13  
 1,4-Dichlorobenzene  
 Concen: 34.684 ng  
 RT: 6.73 min Scan# 790  
 Delta R.T. -0.02 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

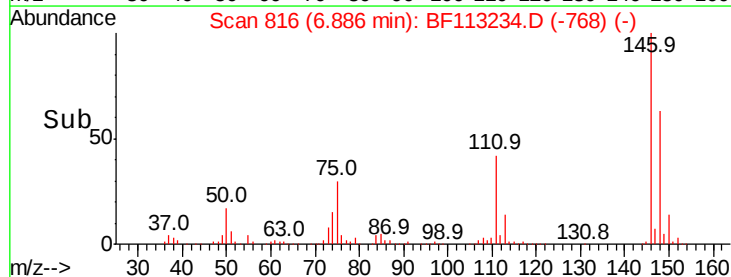
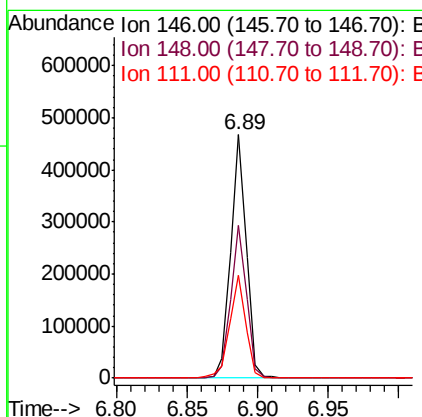
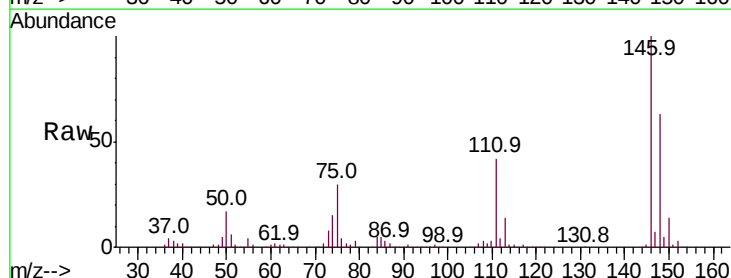
Instrument :  
 BNA\_F  
 ClientSampled :

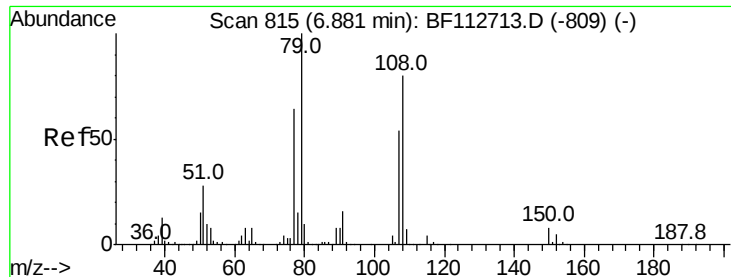
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 51.0  | 76.4  |
| 111     | 39.7  | 34.5  | 51.7  |



#14  
 1,2-Dichlorobenzene  
 Concen: 35.224 ng  
 RT: 6.89 min Scan# 816  
 Delta R.T. -0.02 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.5  | 52.0  | 78.0  |
| 111     | 42.0  | 34.8  | 52.2  |





#15

Benzyl Alcohol

Concen: 32.026 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampleId :

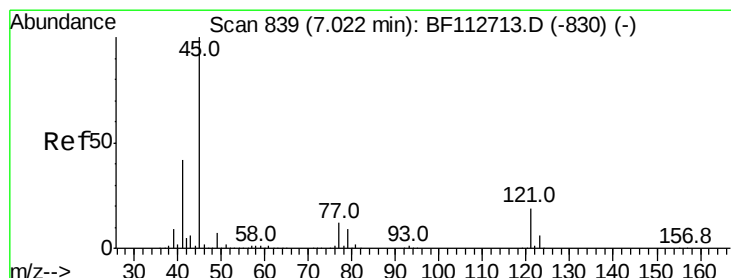
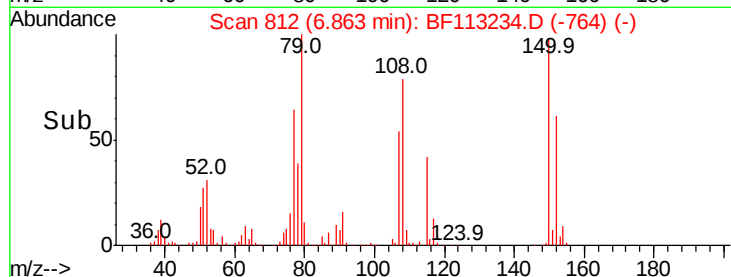
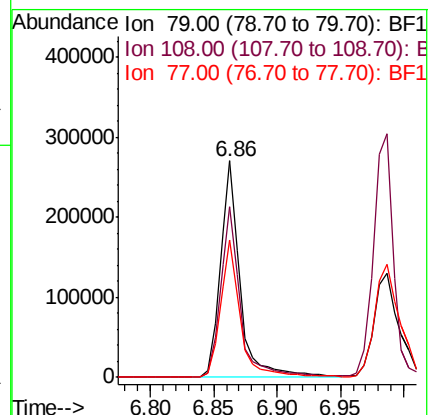
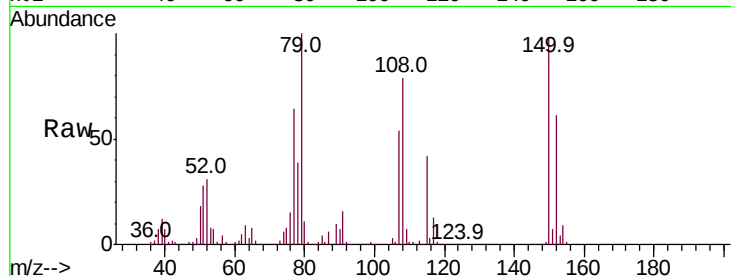
Tot Ion: 79 Resp: 295935

Ion Ratio Lower Upper

79 100

108 78.6 64.2 96.4

77 63.6 51.1 76.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.880 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

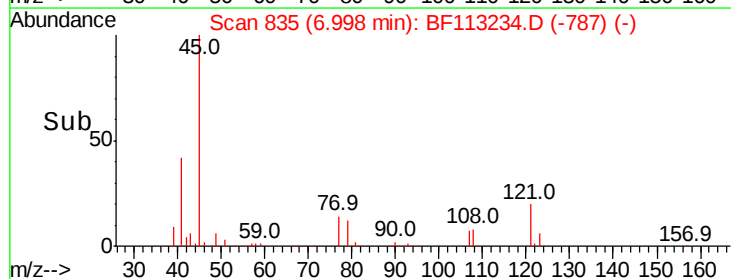
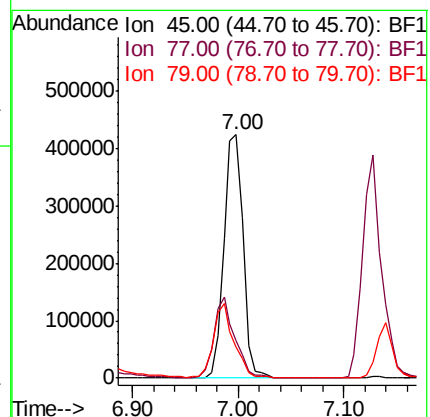
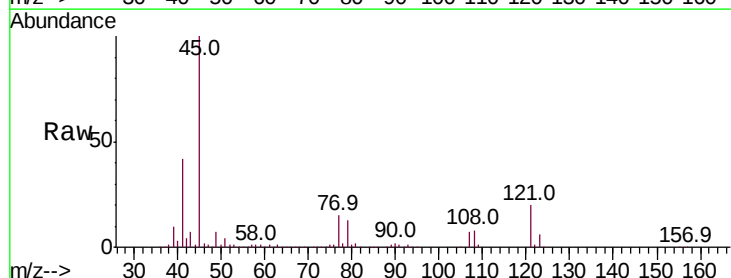
Tgt Ion: 45 Resp: 541238

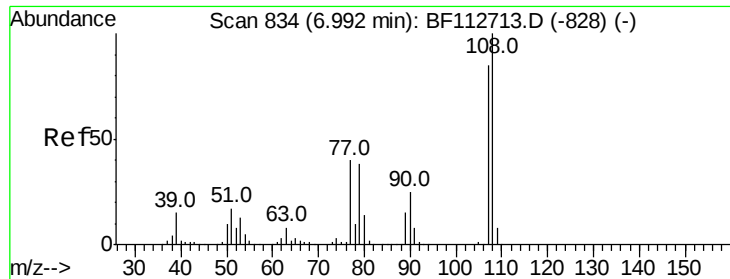
Ion Ratio Lower Upper

45 100

77 15.4 0.0 32.1

79 12.6 0.0 29.4

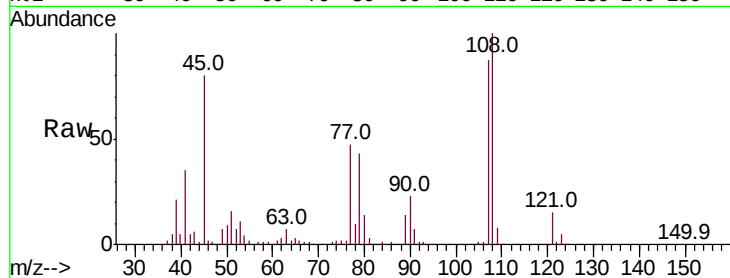




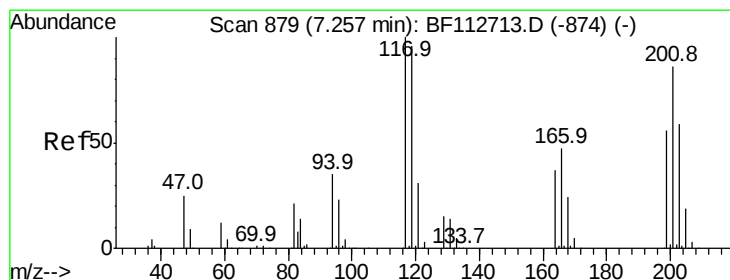
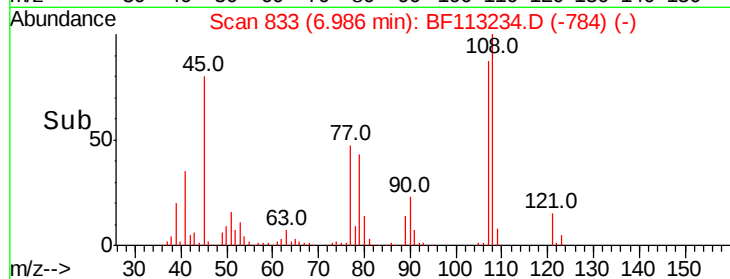
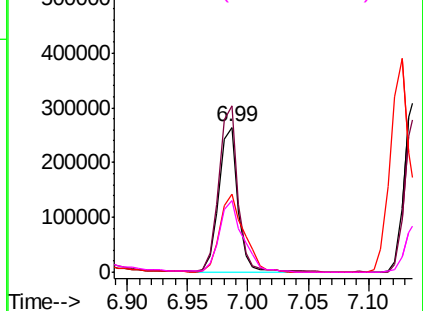
#17  
2-Methylphenol  
Concen: 32.987 ng  
RT: 6.99 min Scan# 833  
Delta R.T. -0.01 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:107 Resp: 287378  
Ion Ratio Lower Upper  
107 100  
108 115.1 94.6 142.0  
77 53.8 37.8 56.8  
79 49.4 36.2 54.2

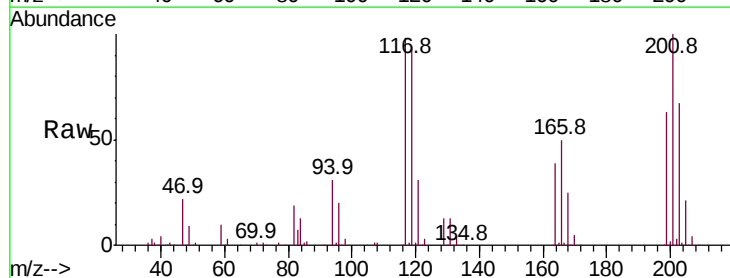


Abundance Ion 107.00 (106.70 to 107.70): E  
600000 Ion 108.00 (107.70 to 108.70): E  
500000 Ion 77.00 (76.70 to 77.70): BF1  
400000 Ion 79.00 (78.70 to 79.70): BF1  
300000  
200000  
100000  
0

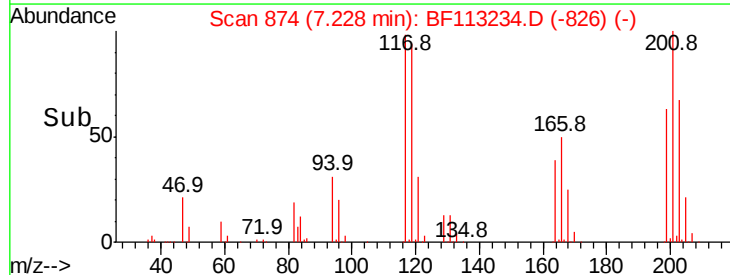
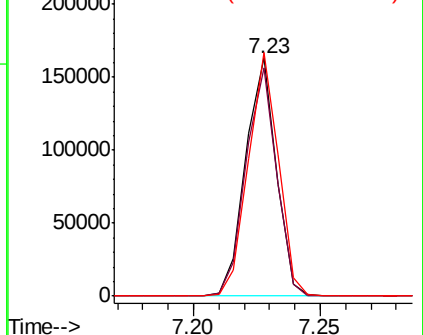


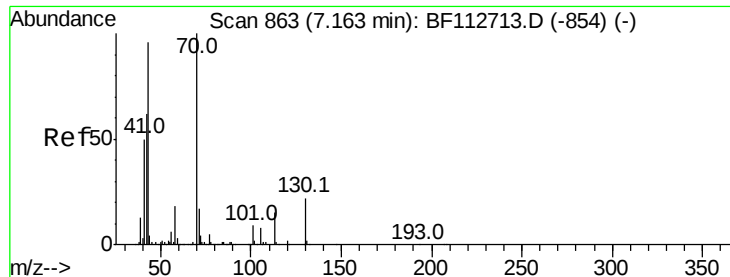
#18  
Hexachloroethane  
Concen: 32.199 ng  
RT: 7.23 min Scan# 874  
Delta R.T. -0.02 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Tgt Ion:117 Resp: 137217  
Ion Ratio Lower Upper  
117 100  
119 95.8 76.6 115.0  
201 102.1 68.9 103.3



Abundance Ion 117.00 (116.70 to 117.70): E  
200000 Ion 119.00 (118.70 to 119.70): E  
150000 Ion 201.00 (200.70 to 201.70): E  
100000  
50000  
0

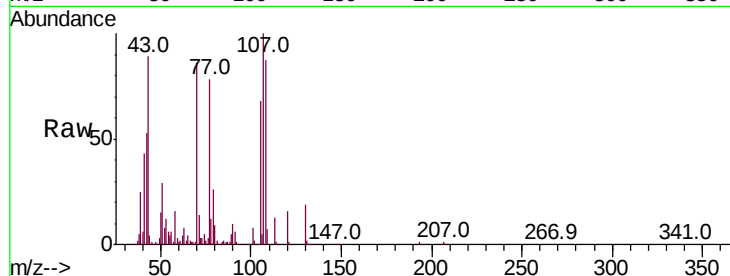




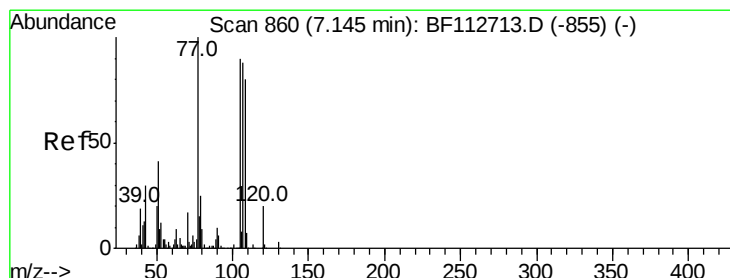
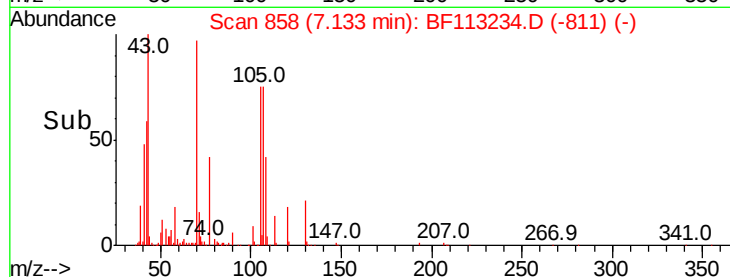
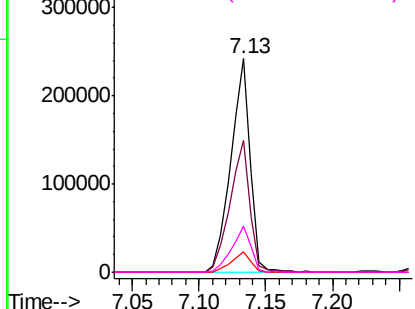
#19  
n-Nitroso-di-n-propylamine  
Concen: 32.403 ng  
RT: 7.13 min Scan# 858  
Delta R.T. -0.02 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 248689 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 61.9  | 49.9  | 74.9   |
| 101      | 9.6   | 7.4   | 11.2   |
| 130      | 21.8  | 17.4  | 26.2   |

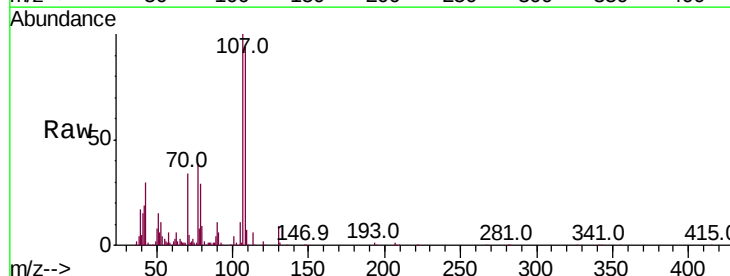


Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

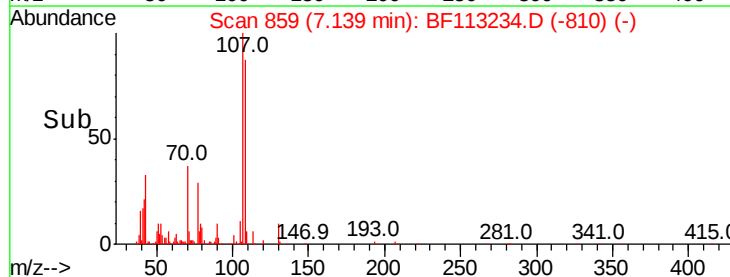
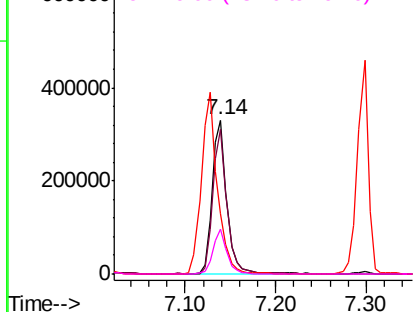


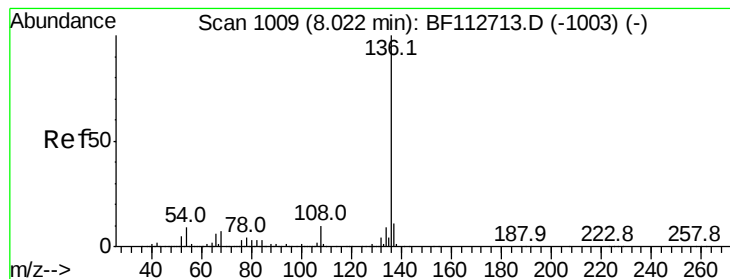
#20  
3+4-Methylphenols  
Concen: 37.402 ng  
RT: 7.14 min Scan# 859  
Delta R.T. -0.01 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 367870 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 93.5  | 71.4  | 111.4  |
| 77       | 38.9  | 94.1  | 134.1# |
| 79       | 29.0  | 8.6   | 48.6   |



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 570108

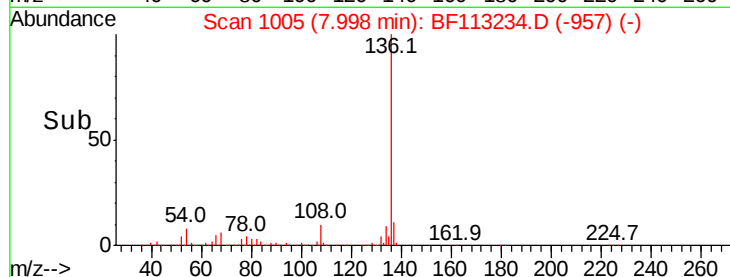
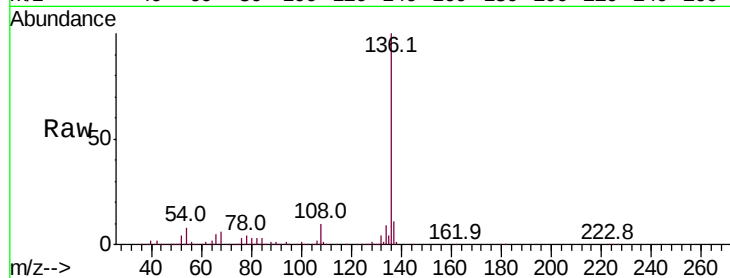
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.1 7.3 10.9

68 5.7 5.4 8.2

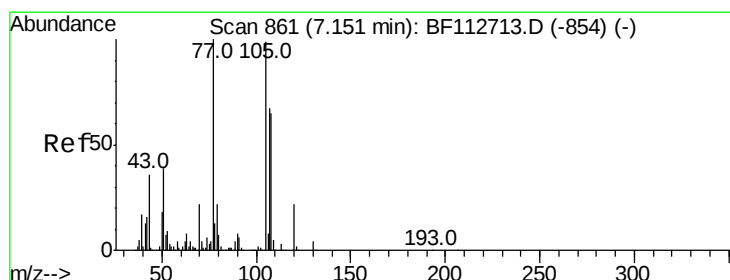
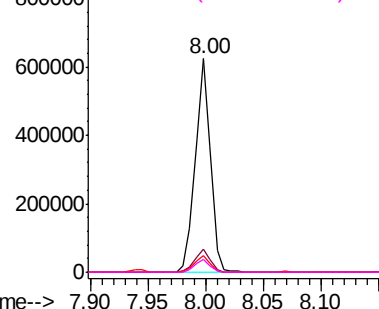


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.906 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion:105 Resp: 491979

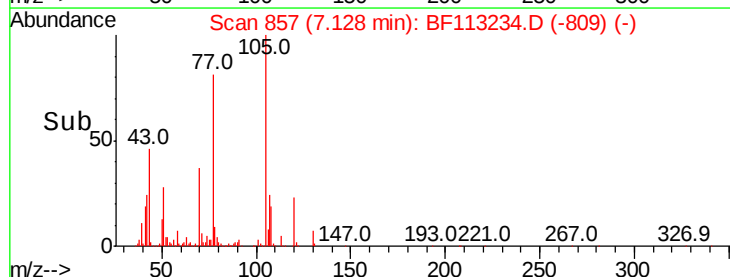
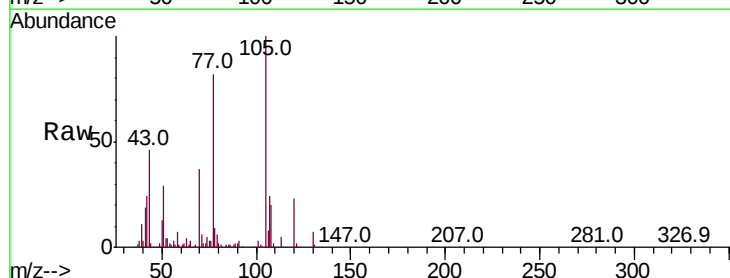
Ion Ratio Lower Upper

105 100

71 6.3 3.0 4.4#

51 29.2 31.5 47.3#

120 23.4 18.1 27.1

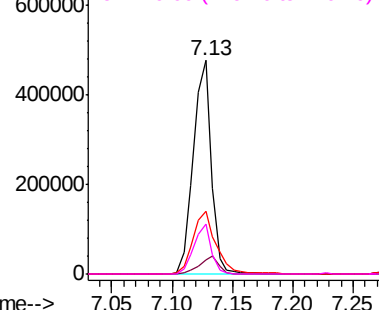


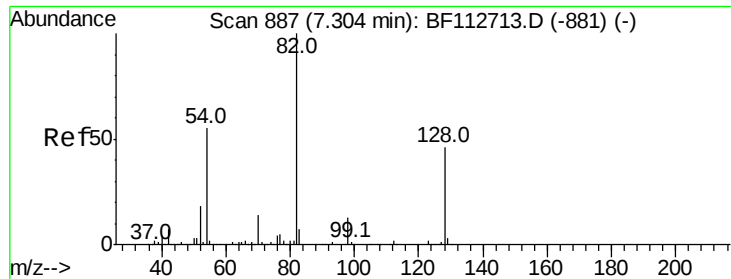
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

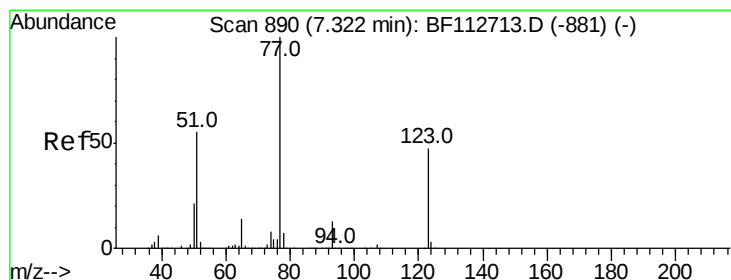
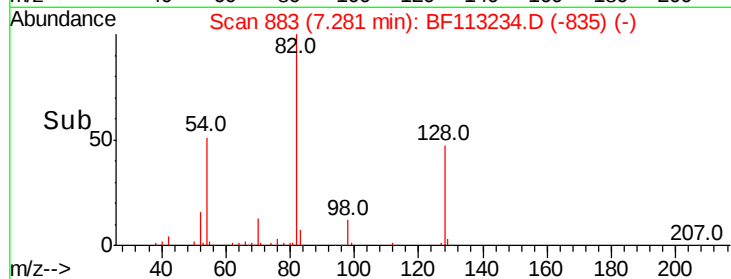
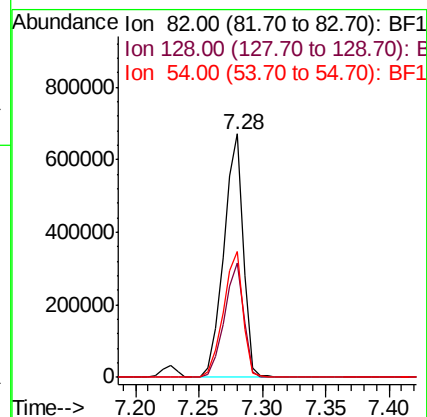
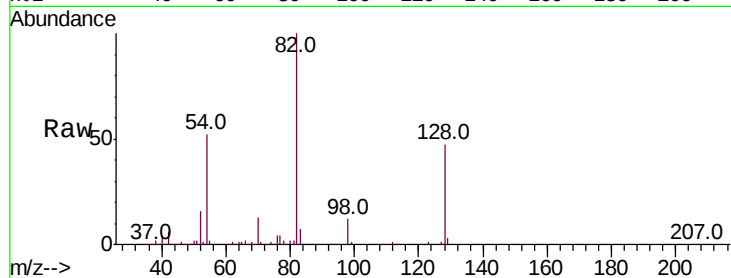




#23  
 Nitrobenzene-d5  
 Concen: 75.953 ng  
 RT: 7.28 min Scan# 883  
 Delta R.T. -0.02 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

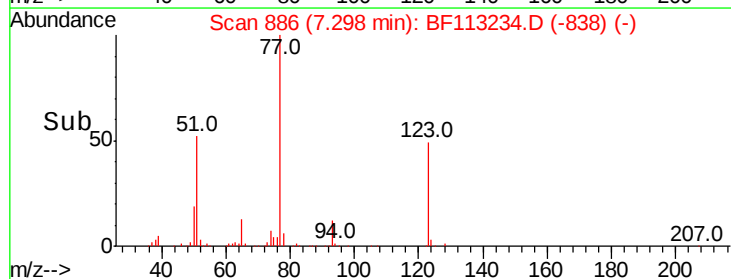
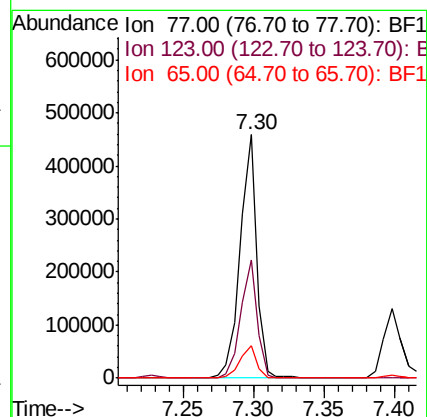
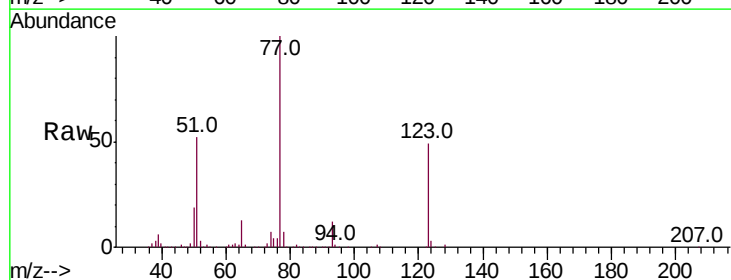
Instrument :  
 BNA\_F  
 ClientSampled :

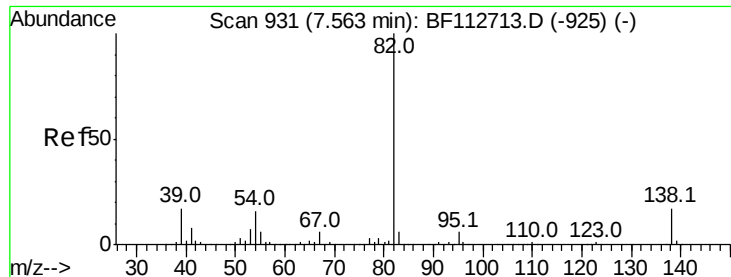
Tot Ion: 82 Resp: 723647  
 Ion Ratio Lower Upper  
 82 100  
 128 47.1 36.3 54.5  
 54 51.6 43.7 65.5



#24  
 Nitrobenzene  
 Concen: 35.199 ng  
 RT: 7.30 min Scan# 886  
 Delta R.T. -0.02 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

Tgt Ion: 77 Resp: 373259  
 Ion Ratio Lower Upper  
 77 100  
 123 48.8 37.8 56.6  
 65 13.3 11.1 16.7





#25

Isophorone

Concen: 33.628 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampleId :

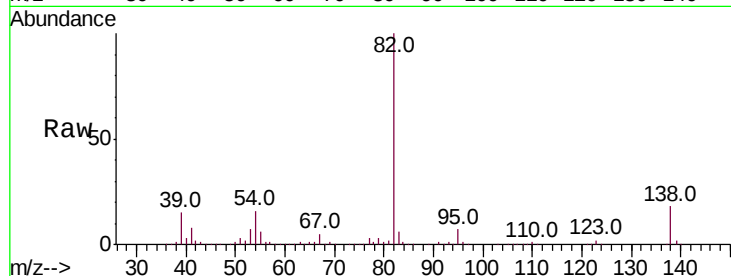
Tot Ion: 82 Resp: 690231

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

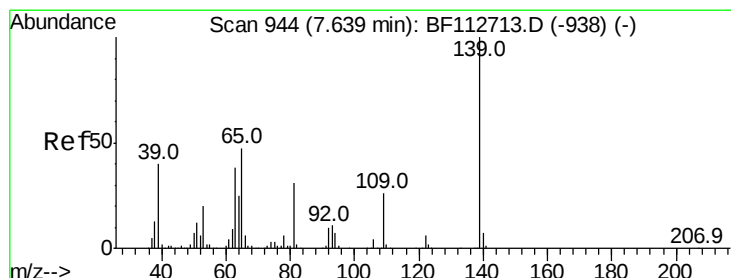
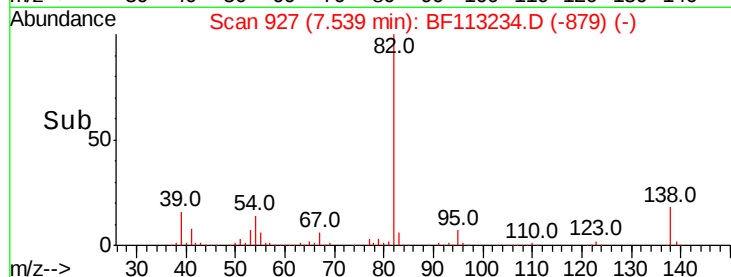
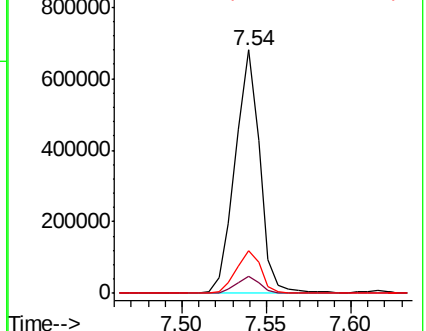
138 17.5 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.664 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

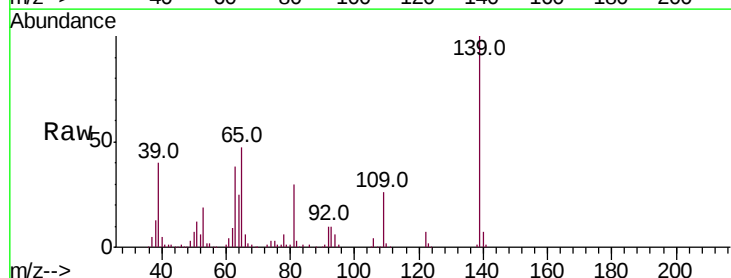
Tgt Ion: 139 Resp: 197161

Ion Ratio Lower Upper

139 100

109 25.6 20.6 31.0

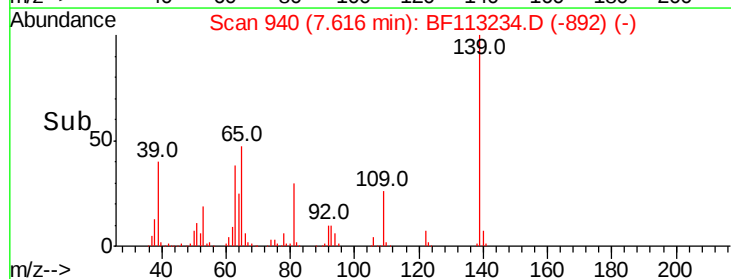
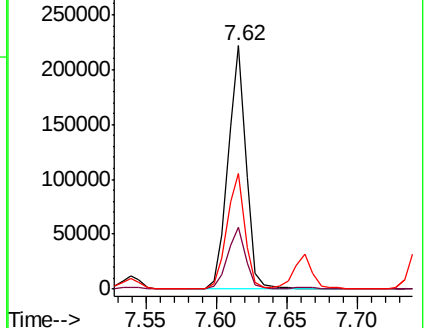
65 47.4 37.9 56.9

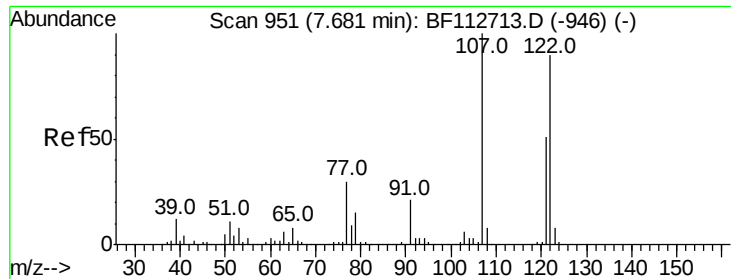


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.549 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampled :

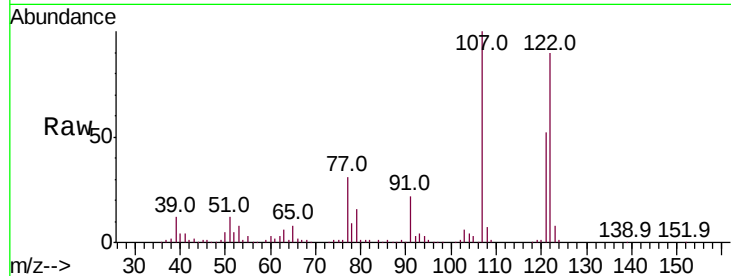
Tot Ion:122 Resp: 316579

Ion Ratio Lower Upper

122 100

107 110.7 89.4 134.0

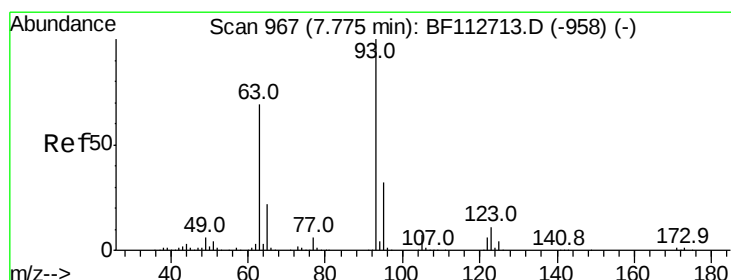
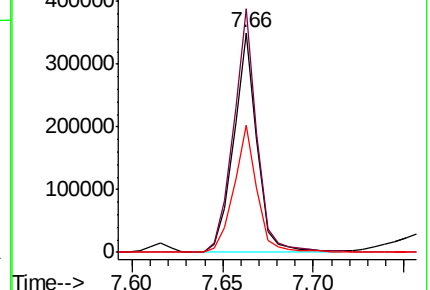
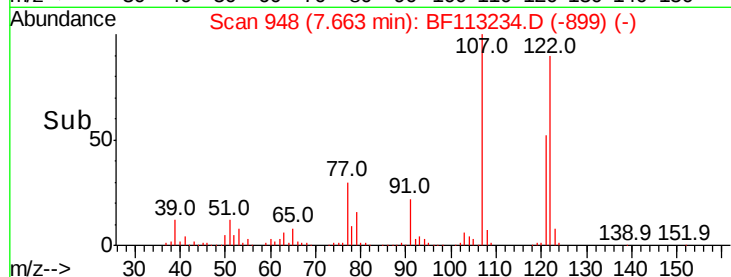
121 57.9 45.5 68.3



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: 34.301 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

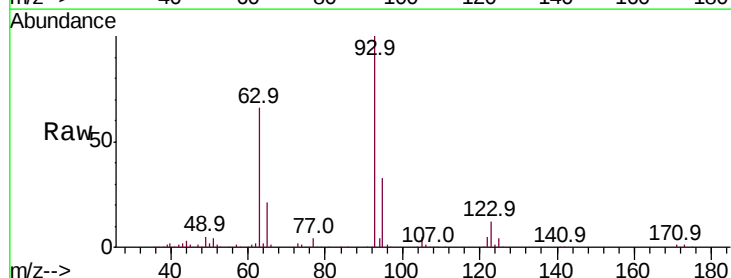
Tgt Ion: 93 Resp: 440183

Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

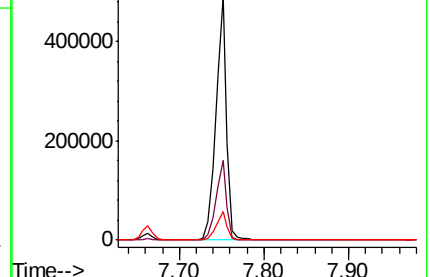
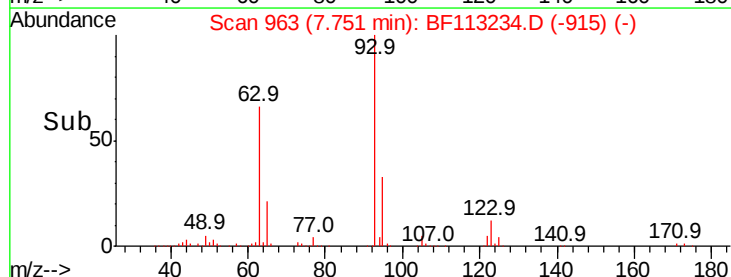
123 11.6 9.3 13.9

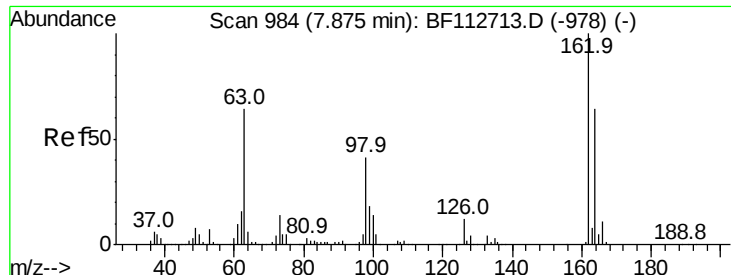


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.869 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampleId :

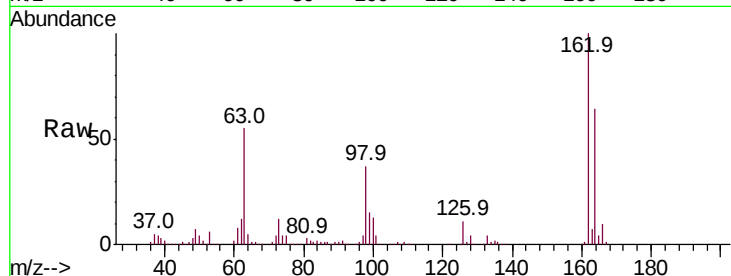
Tot Ion:162 Resp: 317513

Ion Ratio Lower Upper

162 100

164 64.3 44.0 84.0

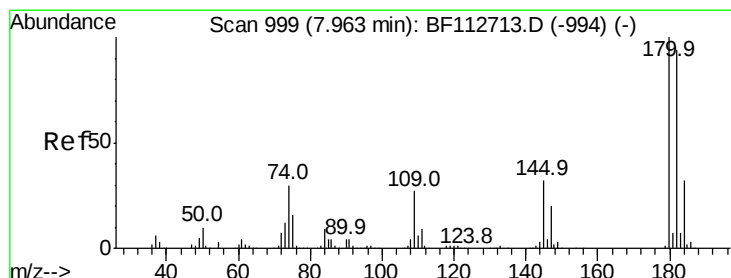
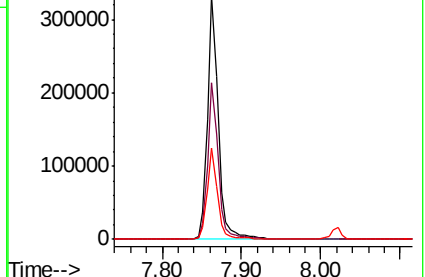
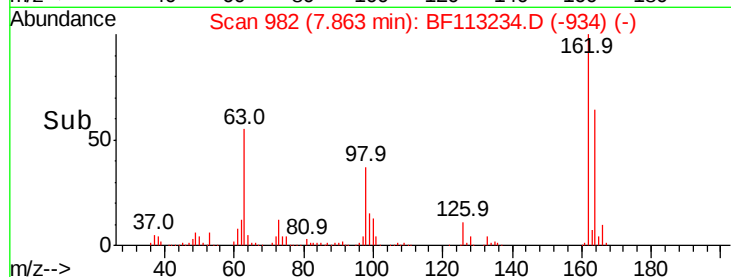
98 37.5 20.7 60.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.935 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

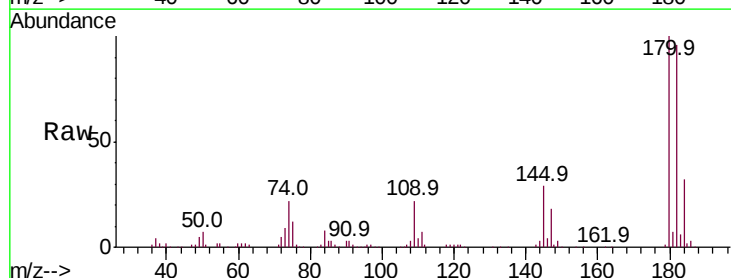
Tgt Ion:180 Resp: 333175

Ion Ratio Lower Upper

180 100

182 95.9 75.2 112.8

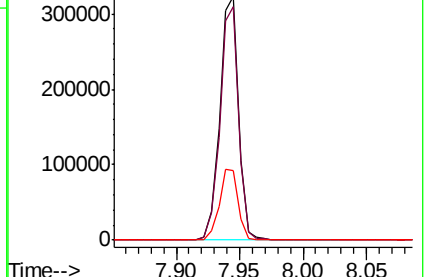
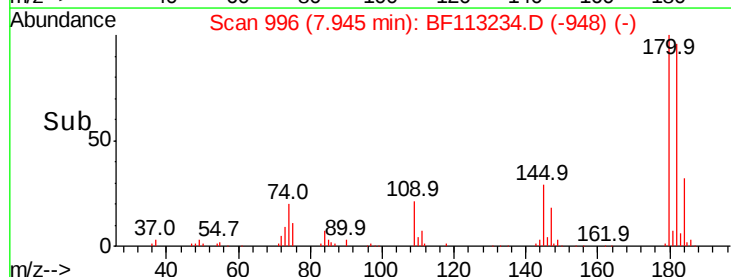
145 28.5 25.4 38.0

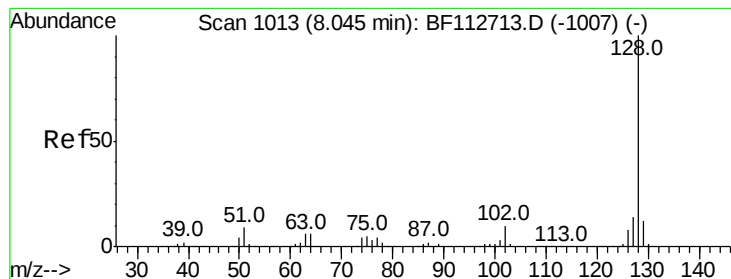


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.081 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampleId :

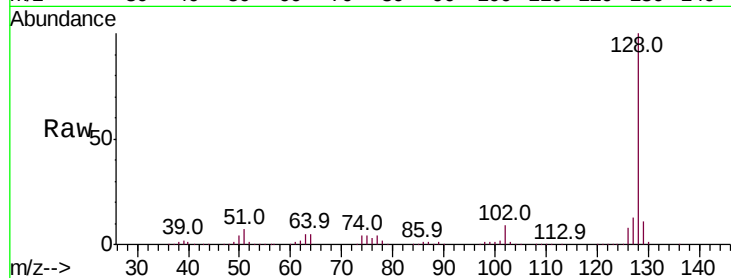
Tot Ion:128 Resp: 1049575

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

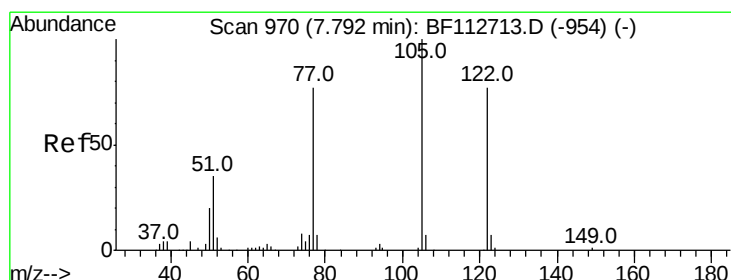
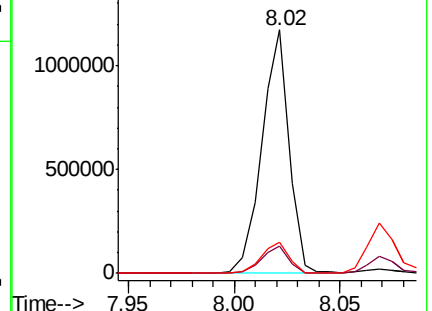
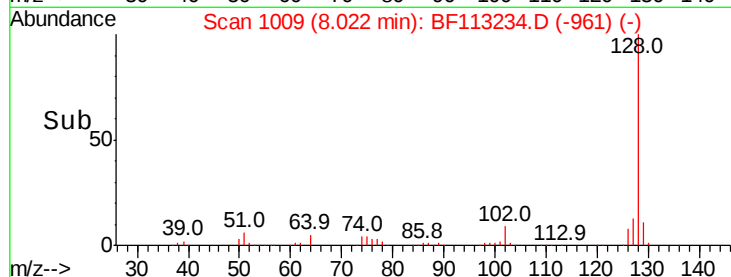
127 13.0 10.9 16.3



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: 8.751 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.05 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

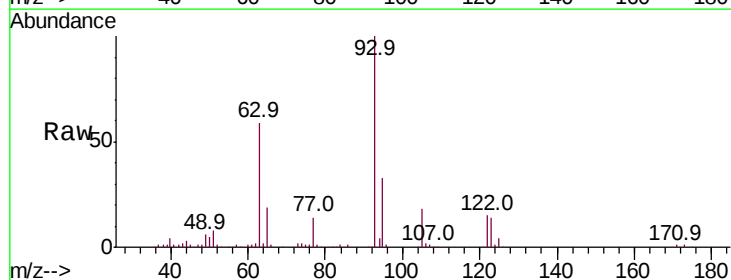
Tgt Ion:122 Resp: 50368

Ion Ratio Lower Upper

122 100

105 121.3 106.8 146.8

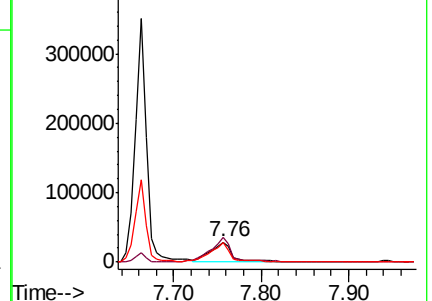
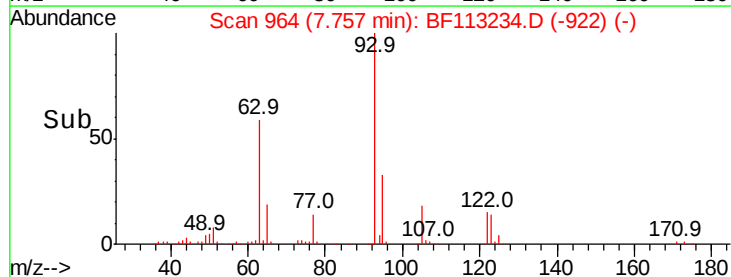
77 95.3 79.4 119.4

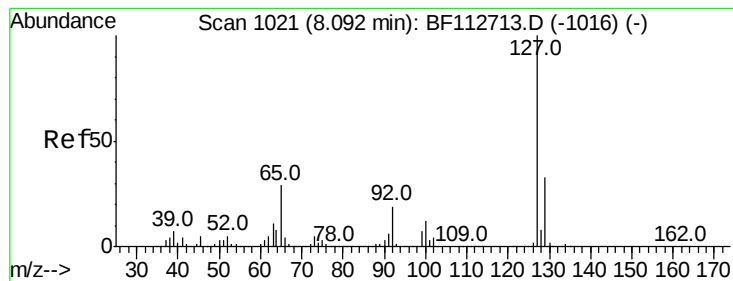


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 20.572 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:127 Resp: 246622

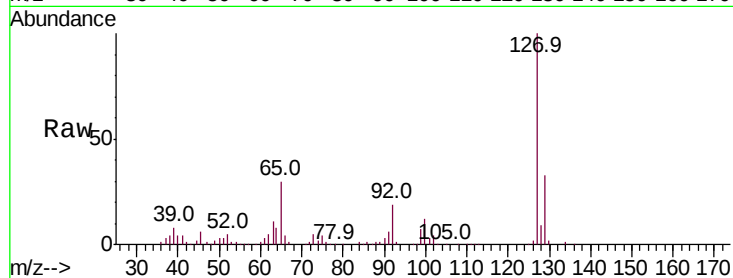
Ion Ratio Lower Upper

127 100

129 33.0 26.4 39.6

65 29.6 23.1 34.7

92 18.5 14.9 22.3

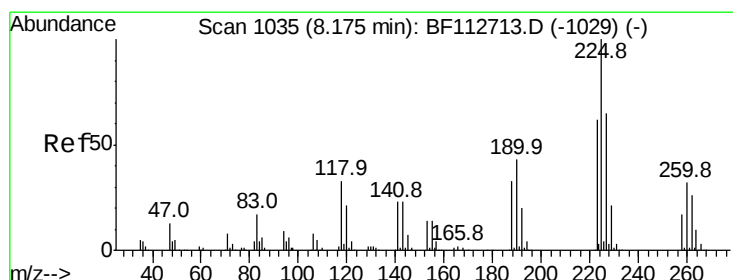
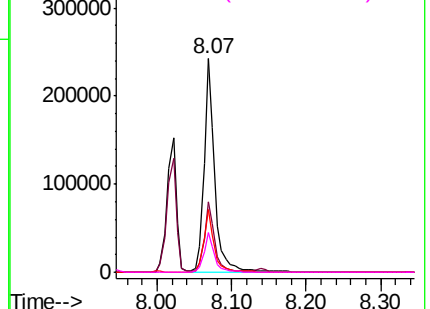
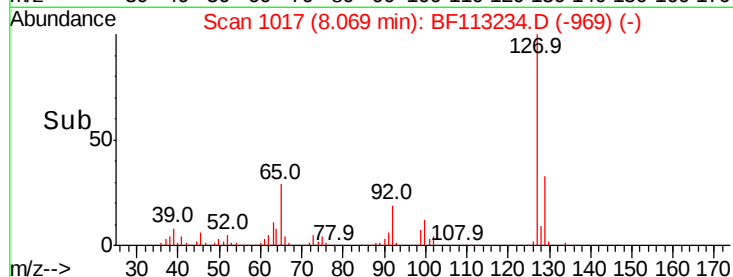


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.790 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

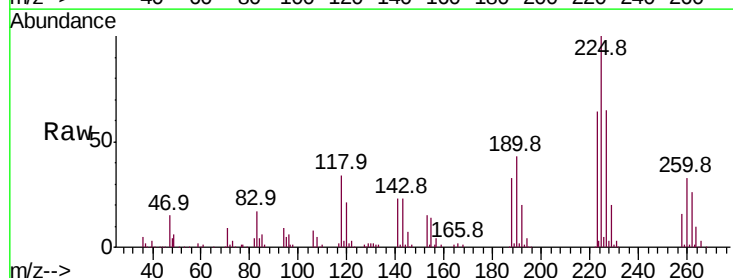
Tgt Ion:225 Resp: 196850

Ion Ratio Lower Upper

225 100

223 64.2 49.7 74.5

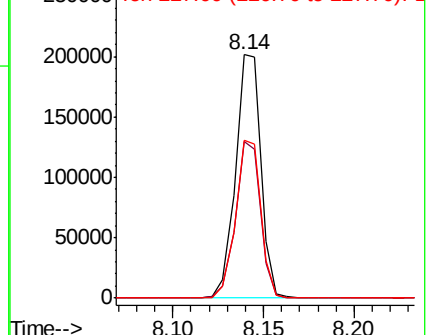
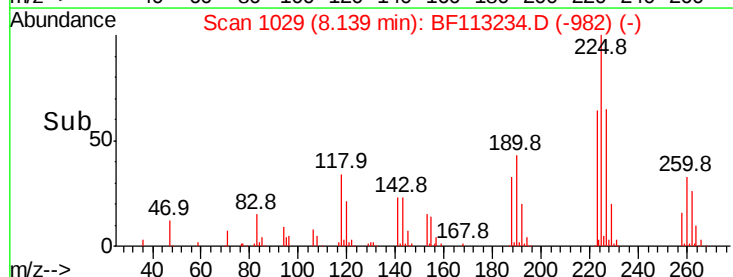
227 64.6 52.1 78.1

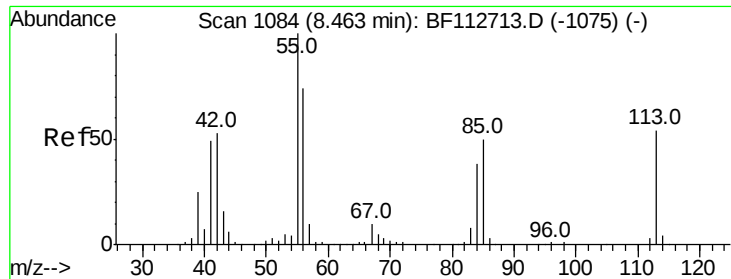


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

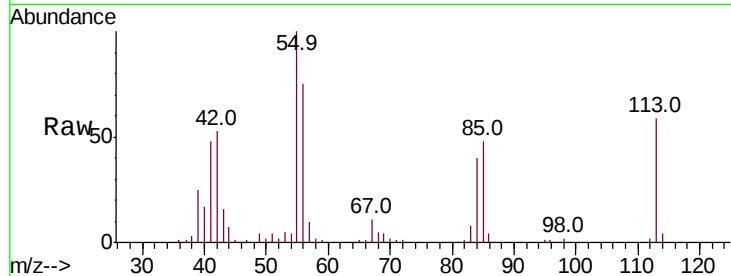




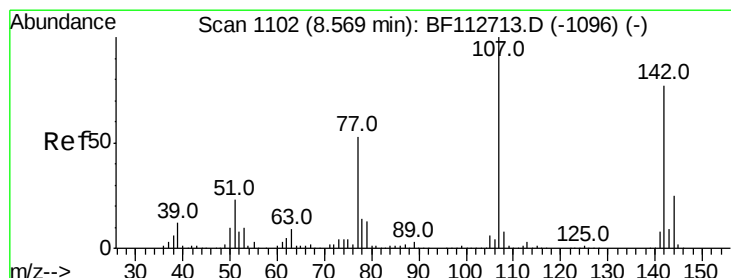
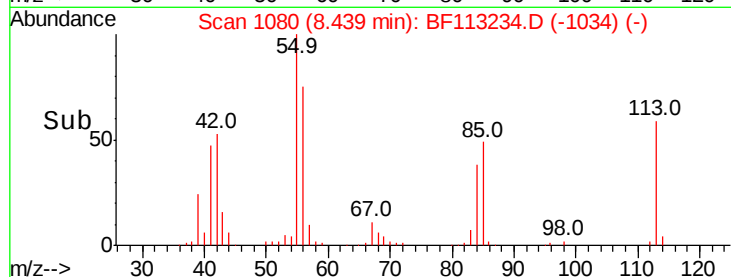
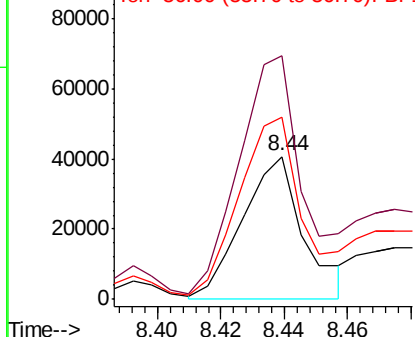
#35  
 Caprolactam  
 Concen: 19.367 ng  
 RT: 8.44 min Scan# 1080  
 Delta R.T. -0.03 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:113 Resp: 54324  
 Ion Ratio Lower Upper  
 113 100  
 55 170.1 163.5 203.5  
 56 127.0 115.3 155.3

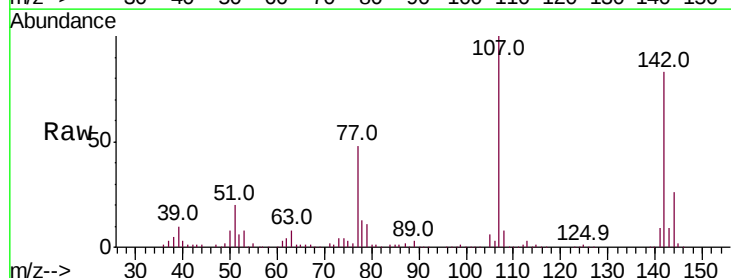


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

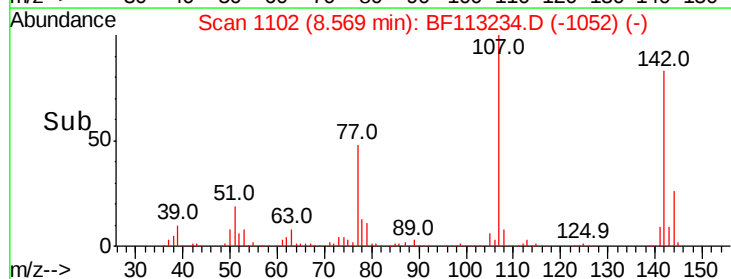
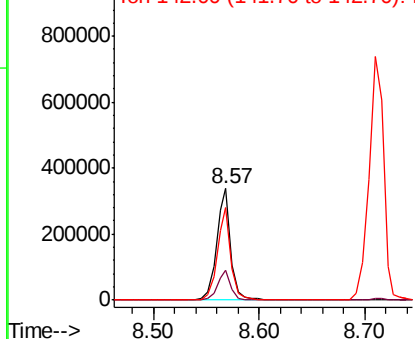


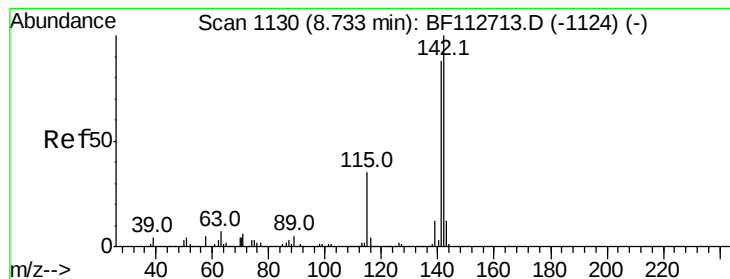
#36  
 4-Chloro-3-methylphenol  
 Concen: 36.074 ng  
 RT: 8.57 min Scan# 1102  
 Delta R.T. -0.01 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

Tgt Ion:107 Resp: 317942  
 Ion Ratio Lower Upper  
 107 100  
 144 26.4 20.1 30.1  
 142 83.0 61.9 92.9



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.071 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampled :

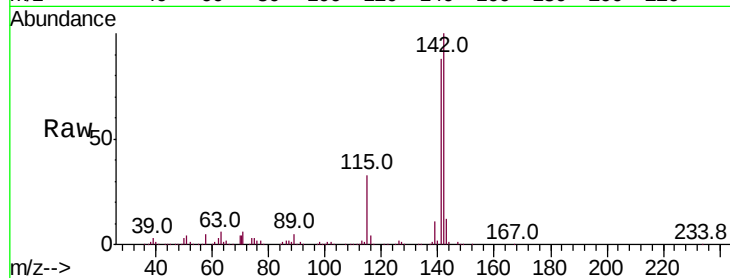
Tot Ion:142 Resp: 695891

Ion Ratio Lower Upper

142 100

141 87.5 70.3 105.5

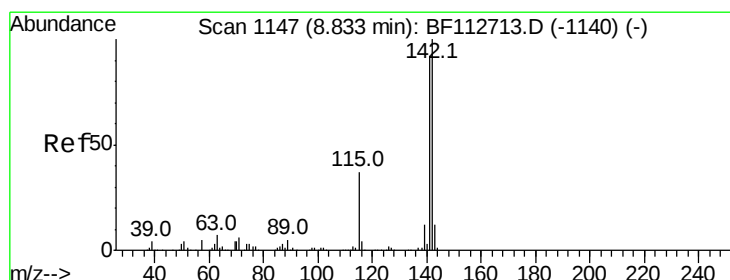
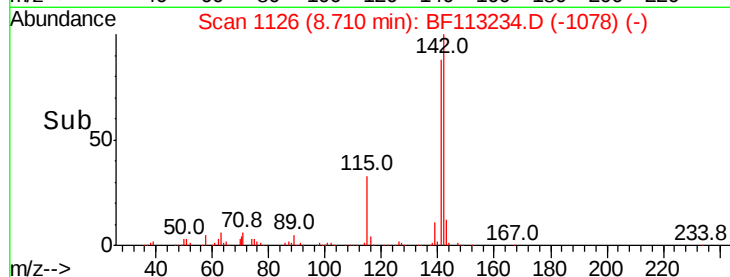
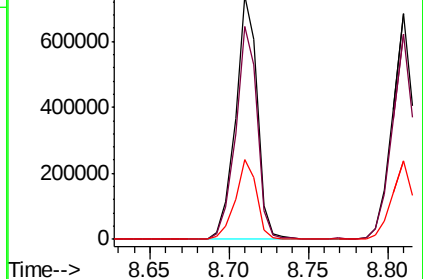
115 32.9 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 34.333 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

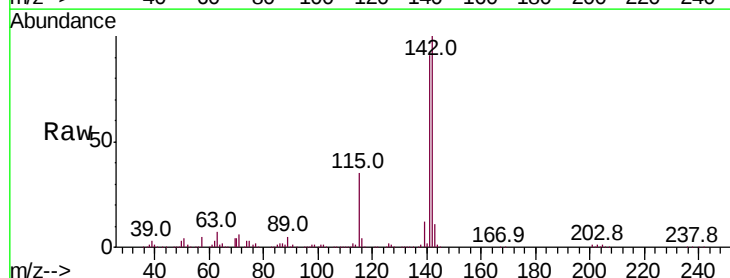
Tgt Ion:142 Resp: 607917

Ion Ratio Lower Upper

142 100

141 90.9 73.7 110.5

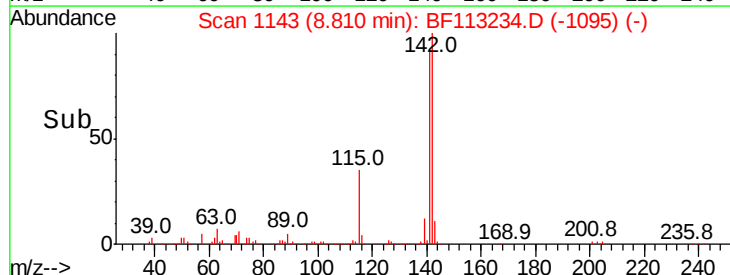
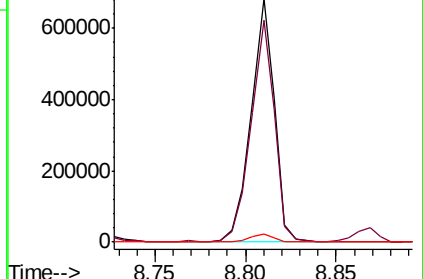
116 3.6 3.1 4.7

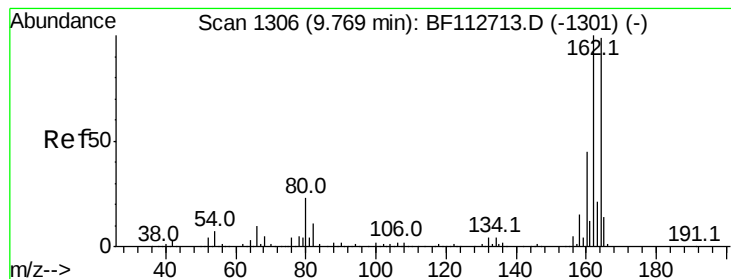


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampleId :

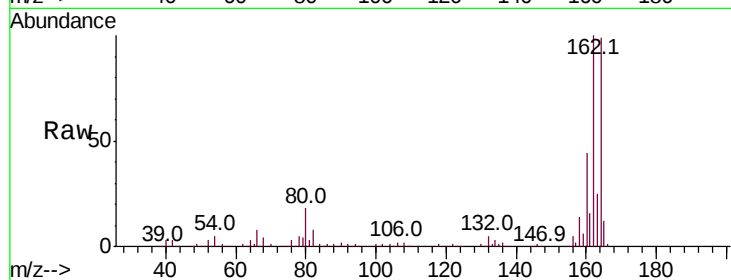
Tot Ion:164 Resp: 249859

Ion Ratio Lower Upper

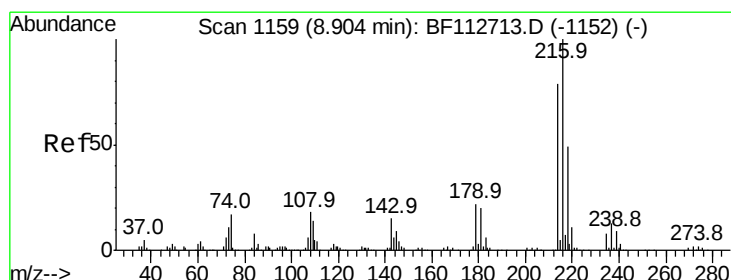
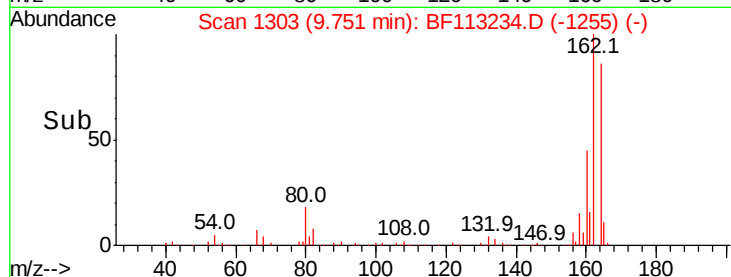
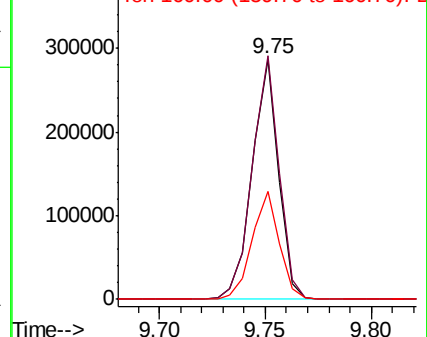
164 100

162 101.3 80.6 120.8

160 44.7 36.0 54.0



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.533 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion:216 Resp: 309901

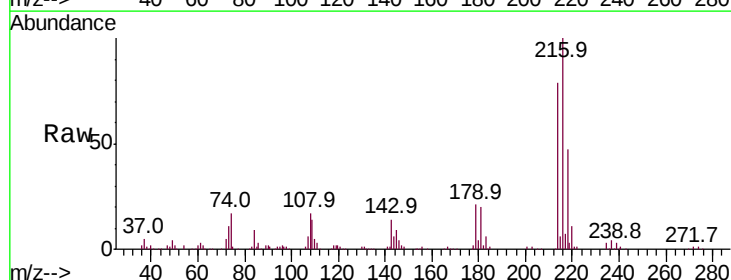
Ion Ratio Lower Upper

216 100

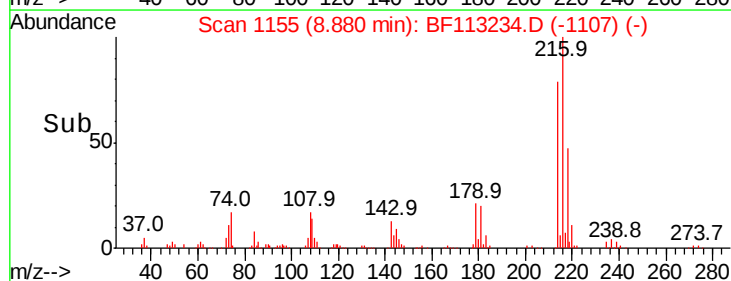
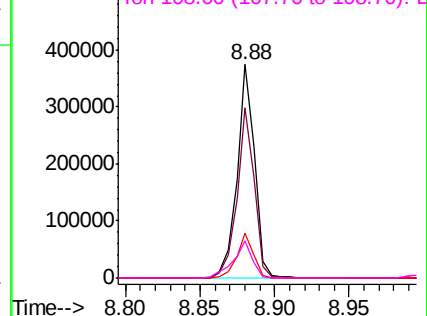
214 78.8 63.2 94.8

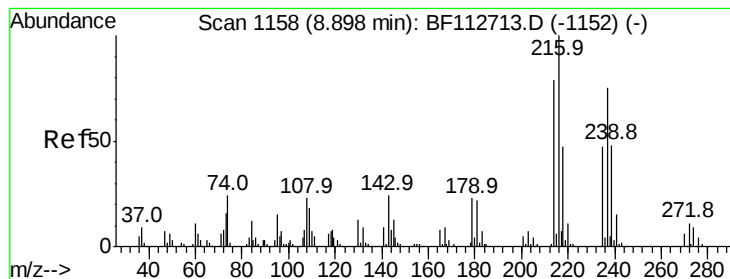
179 20.3 17.5 26.3

108 19.0 16.7 25.1



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





#41

Hexachlorocyclopentadiene

Concen: 77.090 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampled :

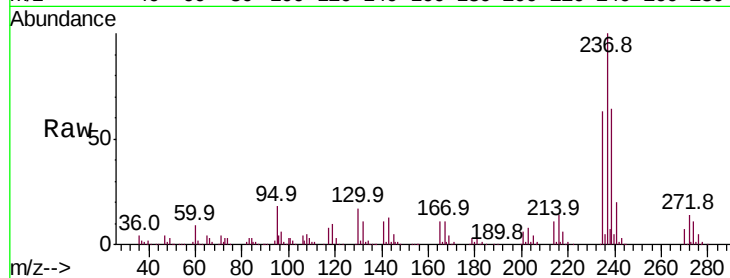
Tot Ion:237 Resp: 307579

Ion Ratio Lower Upper

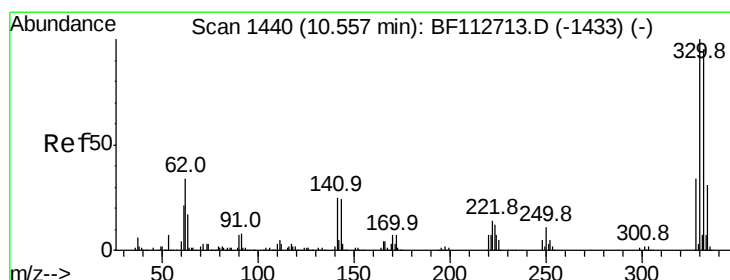
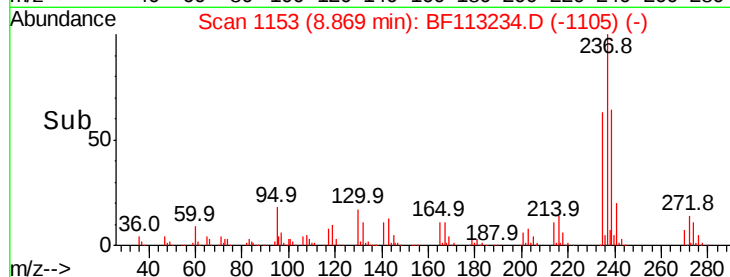
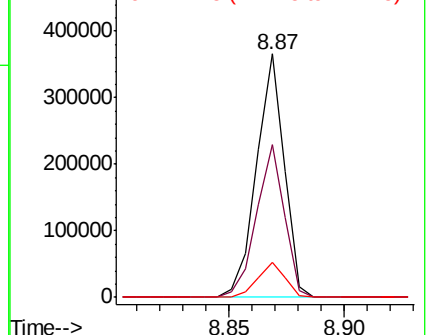
237 100

235 62.8 42.2 82.2

272 14.4 0.0 34.0



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



#42

2,4,6-Tribromophenol

Concen: 130.909 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

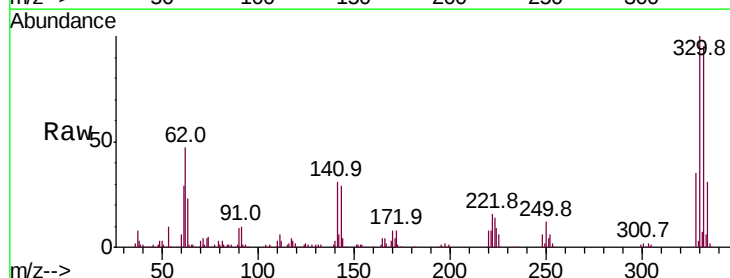
Tgt Ion:330 Resp: 347245

Ion Ratio Lower Upper

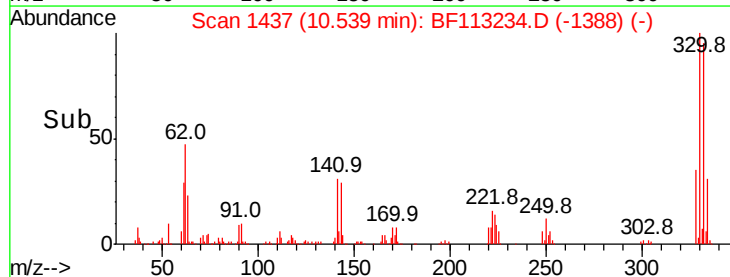
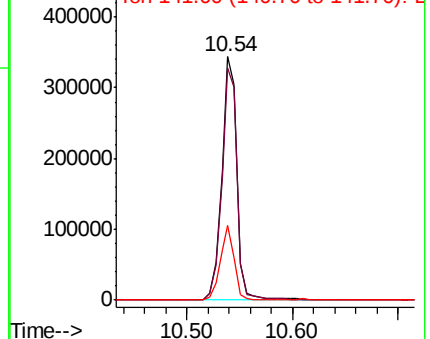
330 100

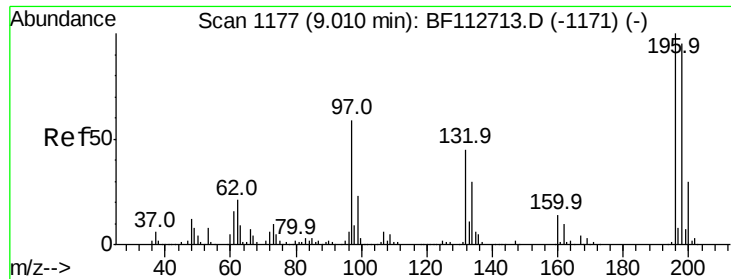
332 96.6 76.2 114.4

141 28.5 27.0 40.6



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

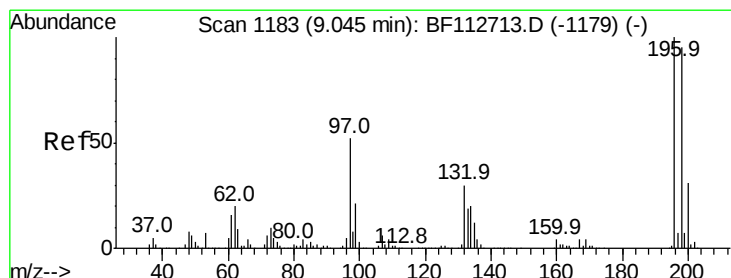
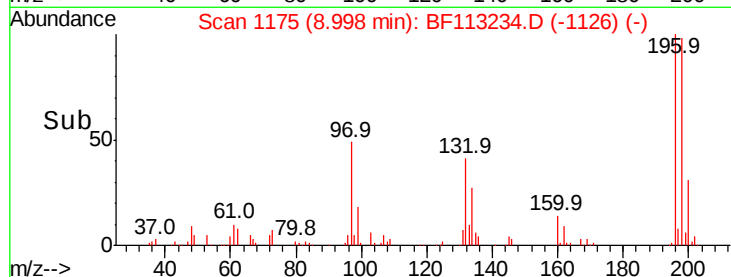
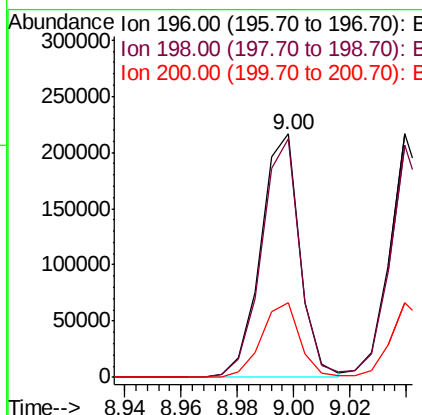
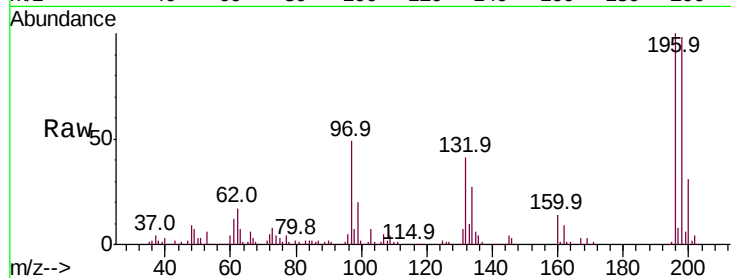




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.509 ng  
 RT: 9.00 min Scan# 1175  
 Delta R.T. -0.01 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

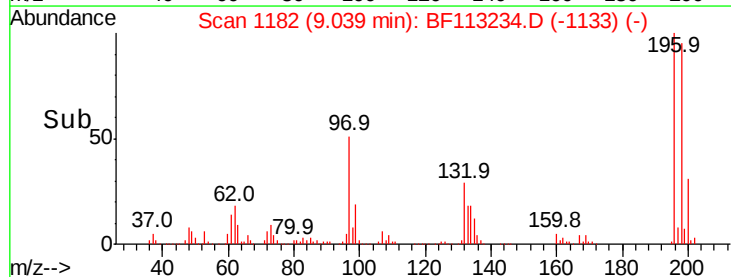
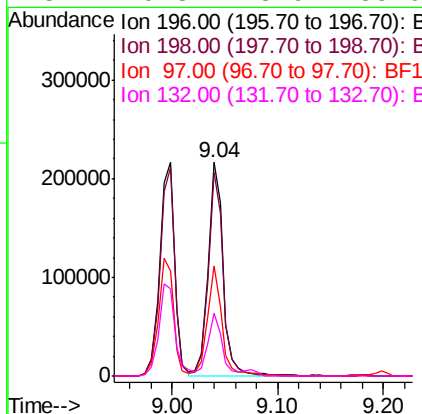
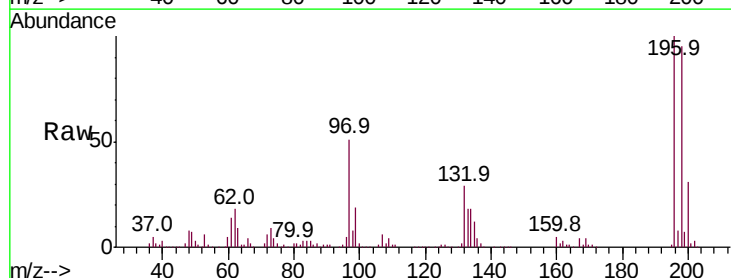
Instrument :  
 BNA\_F  
 ClientSampled :

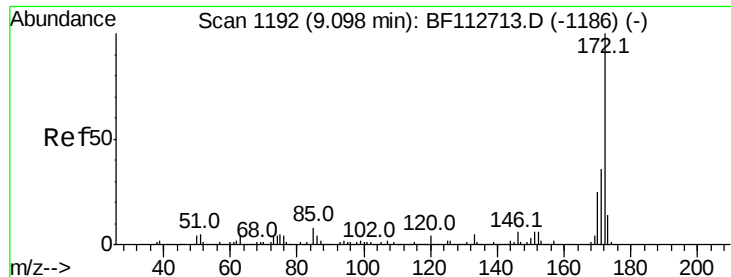
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.0  | 75.8  | 113.8 |
| 200     | 30.7  | 24.3  | 36.5  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.121 ng  
 RT: 9.04 min Scan# 1182  
 Delta R.T. -0.01 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.1  | 76.2  | 114.2 |
| 97      | 51.4  | 41.5  | 62.3  |
| 132     | 29.3  | 23.9  | 35.9  |

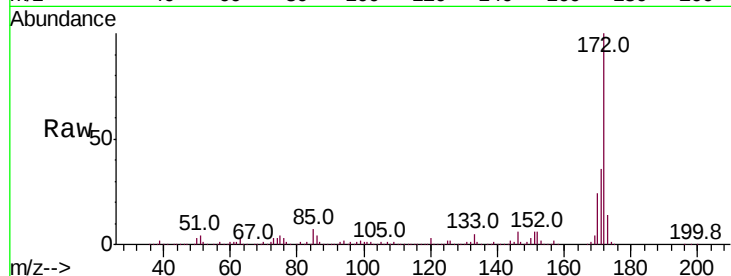




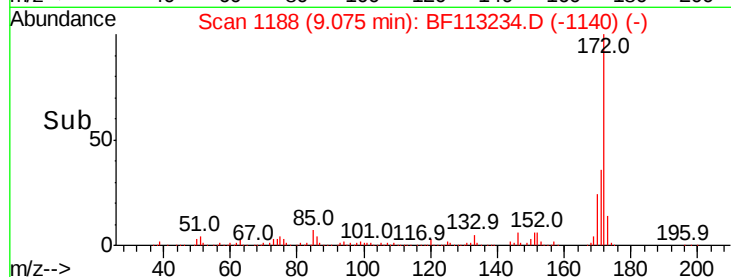
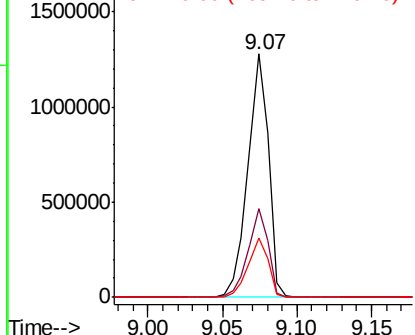
#45  
2-Fluorobiphenyl  
Concen: 79.575 ng  
RT: 9.07 min Scan# 1188  
Delta R.T. -0.02 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 1220454  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.0 43.4  
170 24.4 20.0 30.0

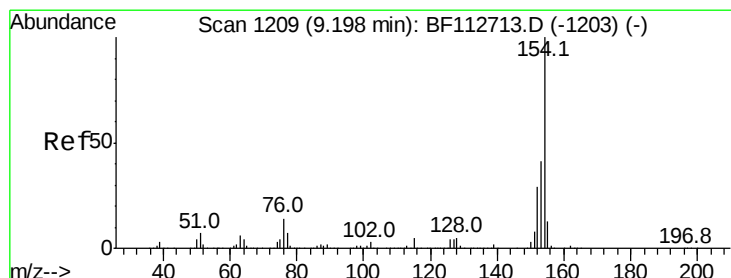


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

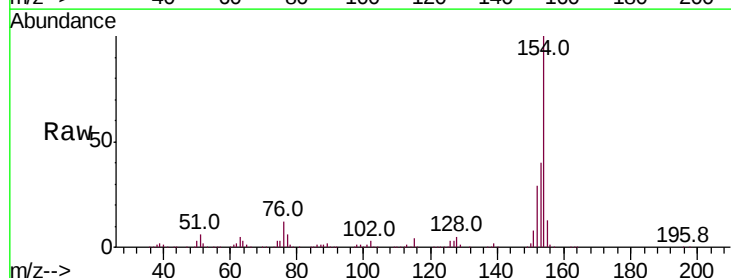
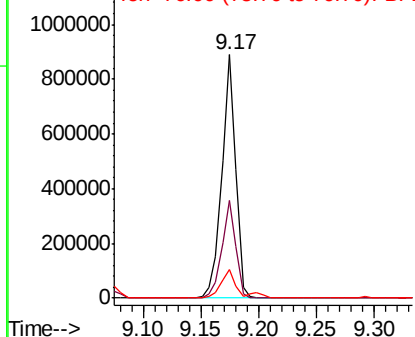


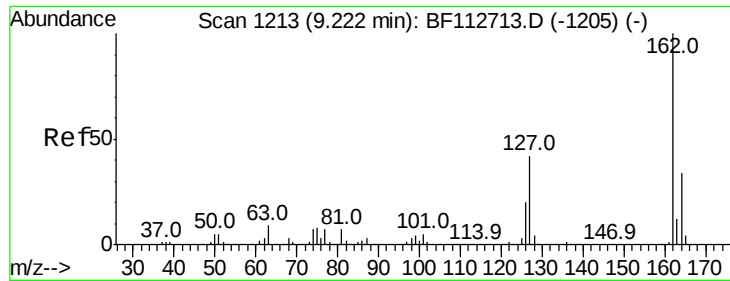
#46  
1,1'-Biphenyl  
Concen: 36.601 ng  
RT: 9.17 min Scan# 1205  
Delta R.T. -0.02 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Tgt Ion:154 Resp: 745915  
Ion Ratio Lower Upper  
154 100  
153 40.2 20.8 60.8  
76 11.9 0.0 33.8



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

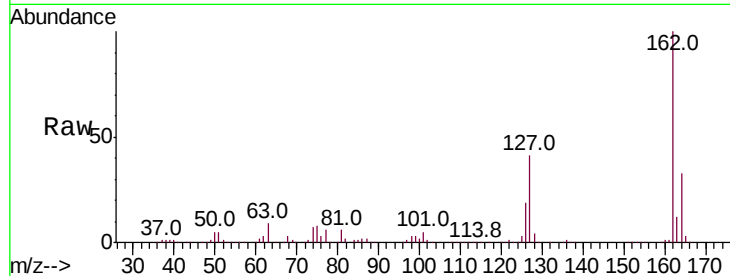




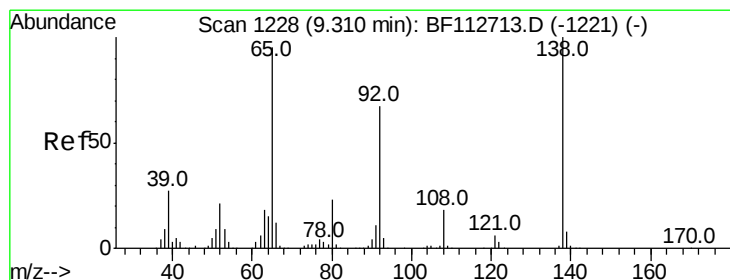
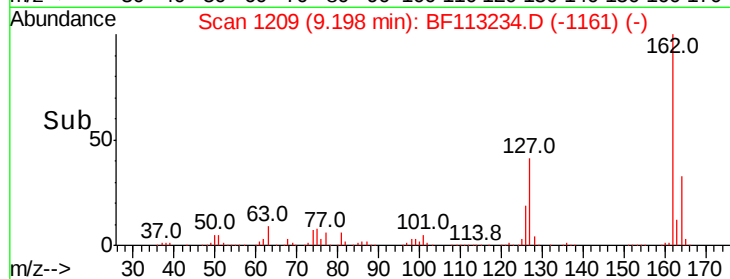
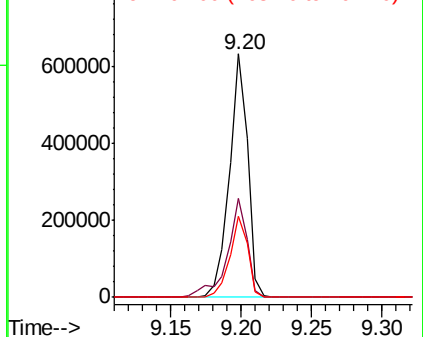
#47  
 2-Chloronaphthalene  
 Concen: 35.696 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. -0.02 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:162 Resp: 568045  
 Ion Ratio Lower Upper  
 162 100  
 127 40.7 33.4 50.2  
 164 33.2 26.9 40.3

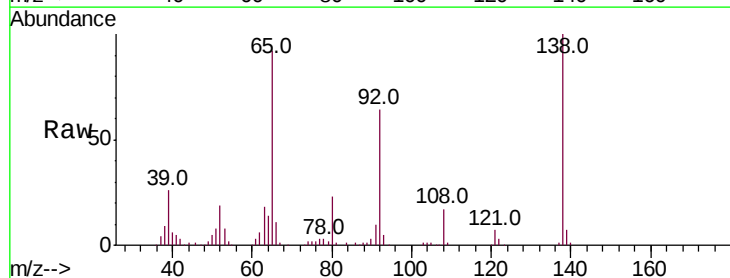


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

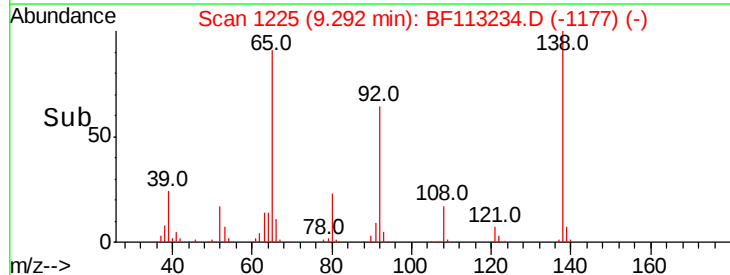
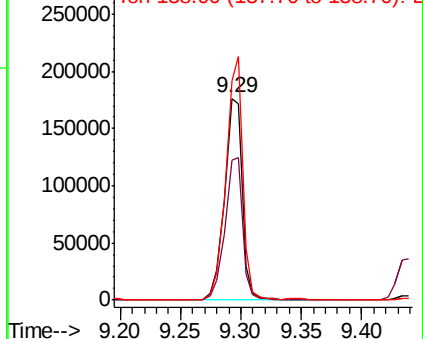


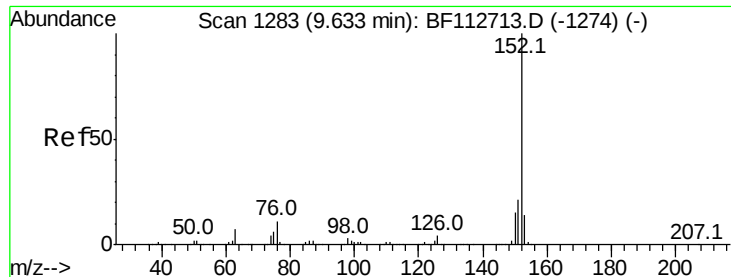
#48  
 2-Nitroaniline  
 Concen: 37.307 ng  
 RT: 9.29 min Scan# 1225  
 Delta R.T. -0.02 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

Tgt Ion: 65 Resp: 180453  
 Ion Ratio Lower Upper  
 65 100  
 92 69.6 56.4 84.6  
 138 108.6 84.6 126.8



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





#49

Acenaphthylene

Concen: 34.579 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampleId :

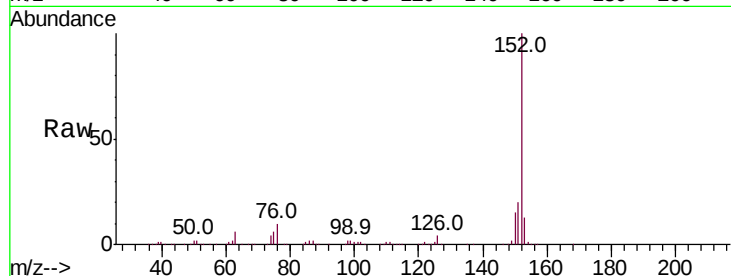
Tot Ion:152 Resp: 934168

Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

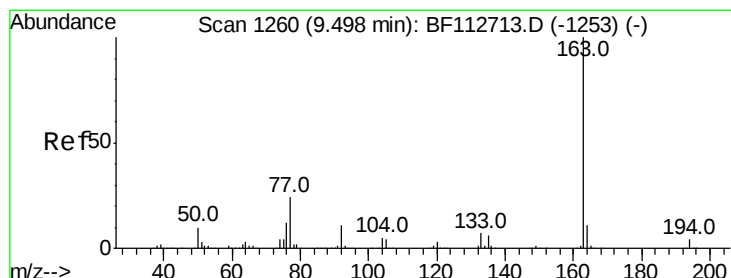
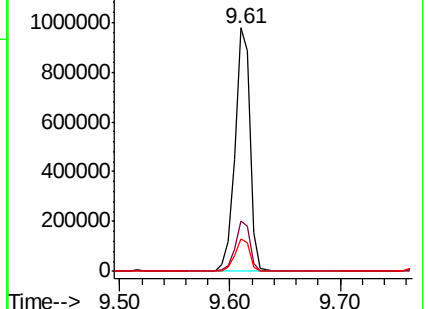
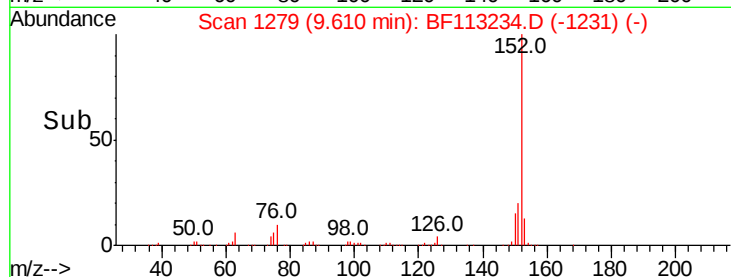
153 13.2 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.337 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

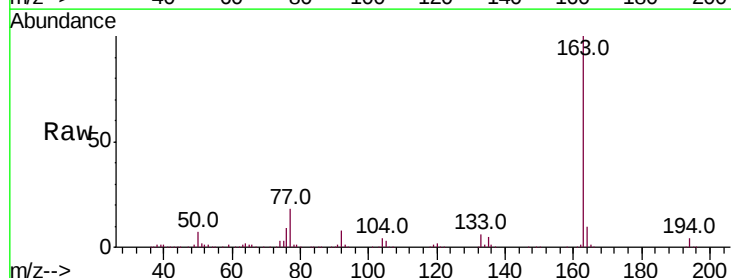
Tgt Ion:163 Resp: 761562

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

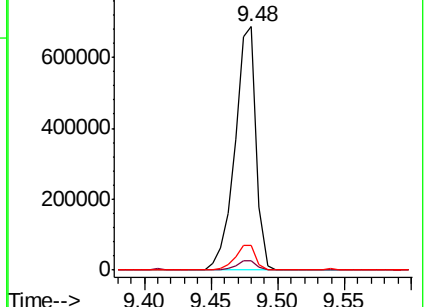
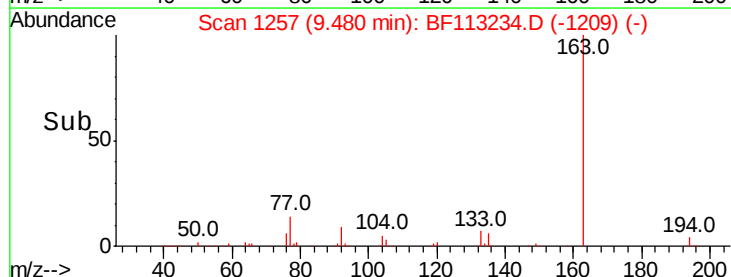
164 9.9 8.4 12.6

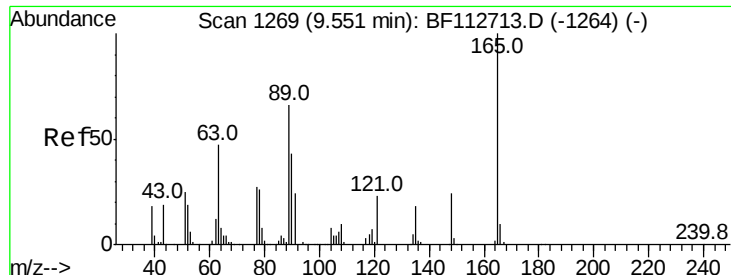


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

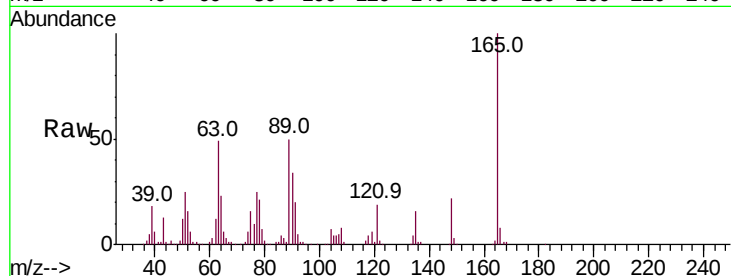




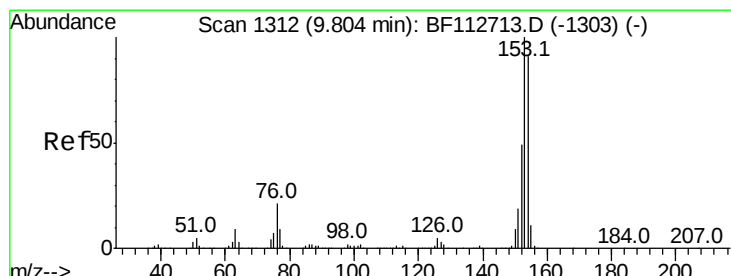
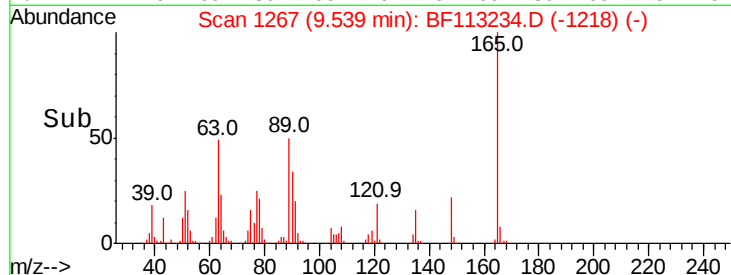
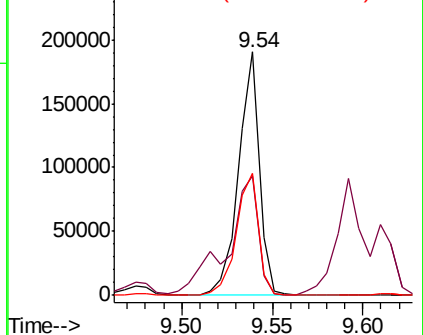
#51  
 2,6-Dinitrotoluene  
 Concen: 39.852 ng  
 RT: 9.54 min Scan# 1267  
 Delta R.T. -0.01 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:165 Resp: 152893  
 Ion Ratio Lower Upper  
 165 100  
 63 49.3 54.1 81.1#  
 89 49.9 52.8 79.2#

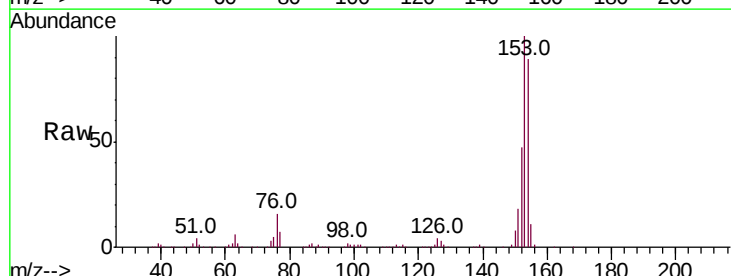


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

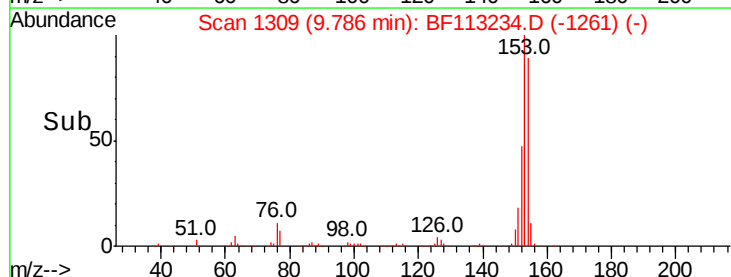
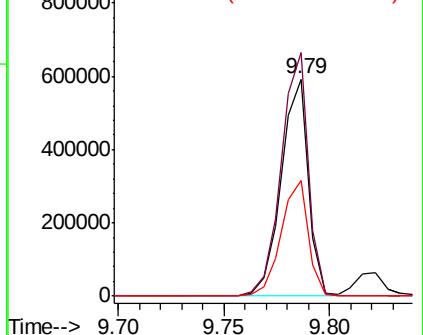


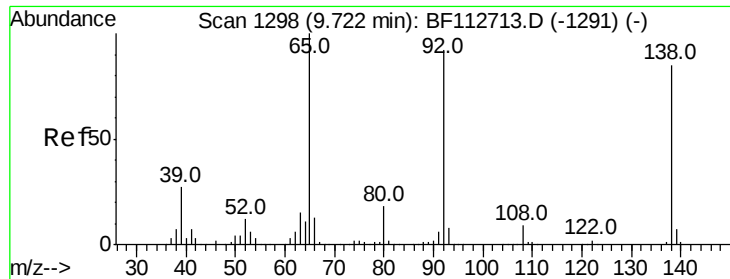
#52  
 Acenaphthene  
 Concen: 33.676 ng  
 RT: 9.79 min Scan# 1309  
 Delta R.T. -0.02 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

Tgt Ion:154 Resp: 532024  
 Ion Ratio Lower Upper  
 154 100  
 153 112.1 87.8 131.8  
 152 53.1 43.0 64.6



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

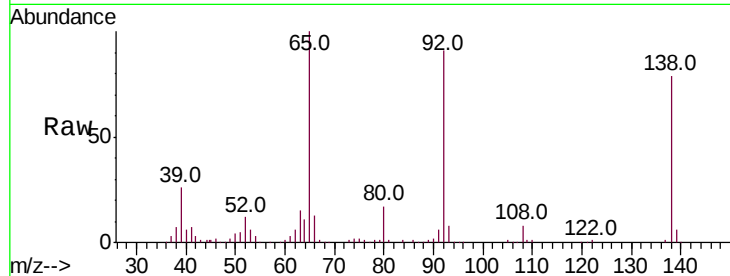




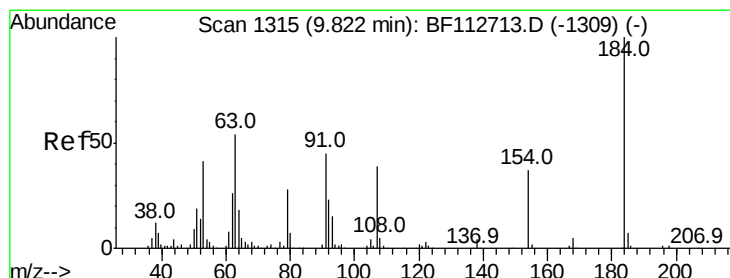
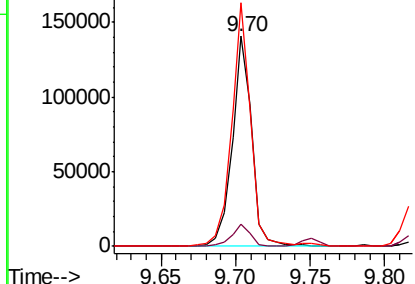
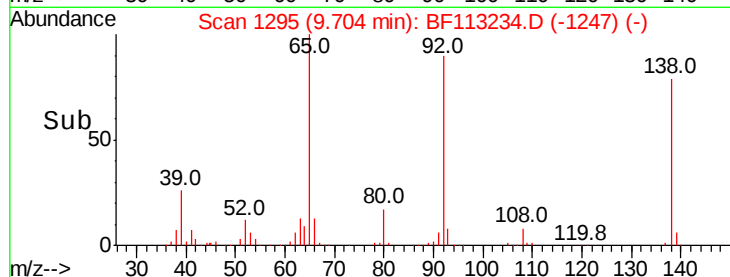
#53  
 3-Nitroaniline  
 Concen: 27.674 ng  
 RT: 9.70 min Scan# 1295  
 Delta R.T. -0.02 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:138 Resp: 129370  
 Ion Ratio Lower Upper  
 138 100  
 108 10.3 8.6 13.0  
 92 115.9 86.6 129.8

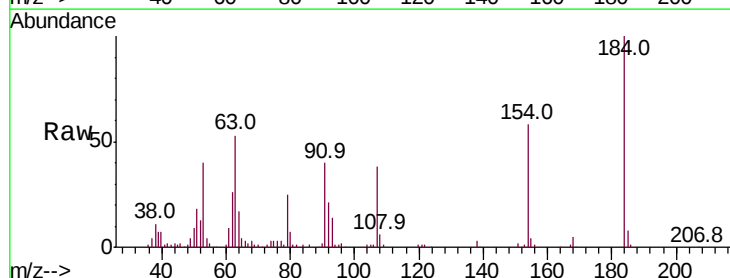


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BF1

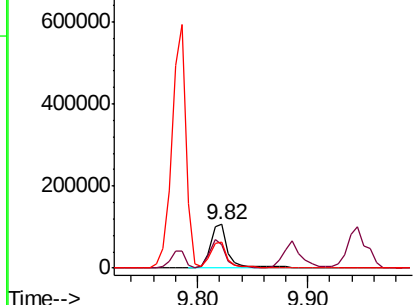
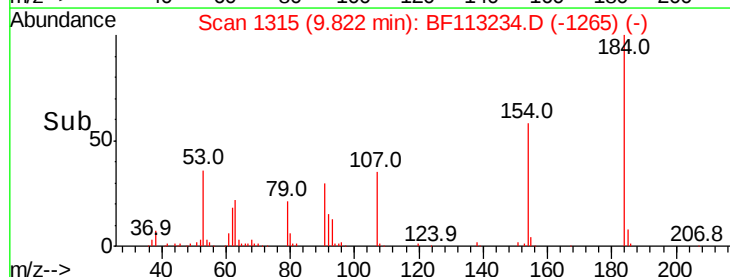


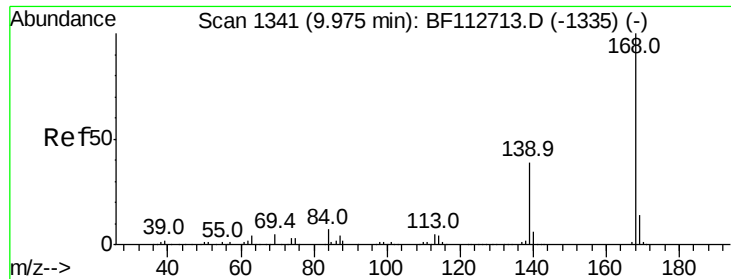
#54  
 2,4-Dinitrophenol  
 Concen: 75.359 ng  
 RT: 9.82 min Scan# 1315  
 Delta R.T. -0.01 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

Tgt Ion:184 Resp: 117621  
 Ion Ratio Lower Upper  
 184 100  
 63 52.5 45.3 67.9  
 154 58.5 46.0 69.0



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

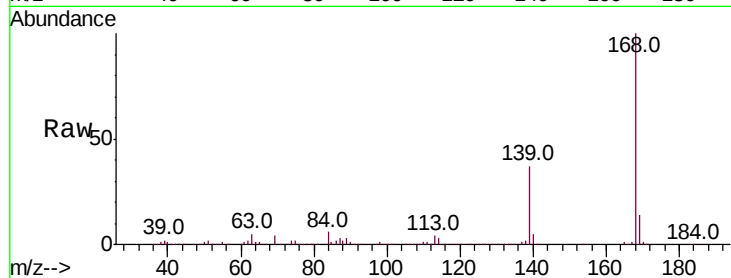




#55  
Dibenzofuran  
Concen: 36.013 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. -0.02 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.0  | 31.3  | 46.9  |
| 169     | 13.6  | 11.3  | 16.9  |

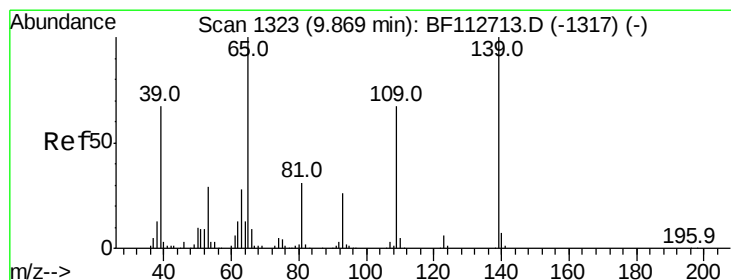
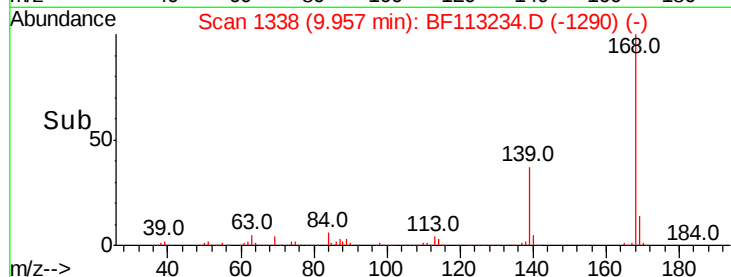
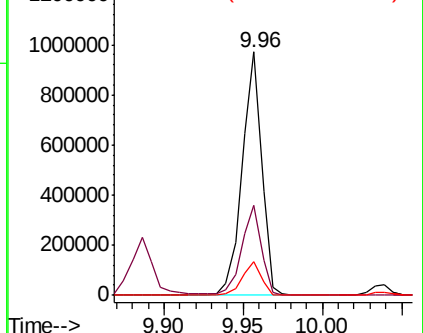


Abundance

Ion 168.00 (167.70 to 168.70): E

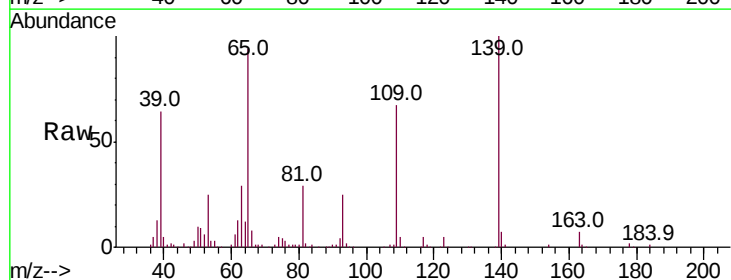
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 61.123 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 66.8  | 46.8  | 86.8  |
| 65      | 94.2  | 80.7  | 120.7 |

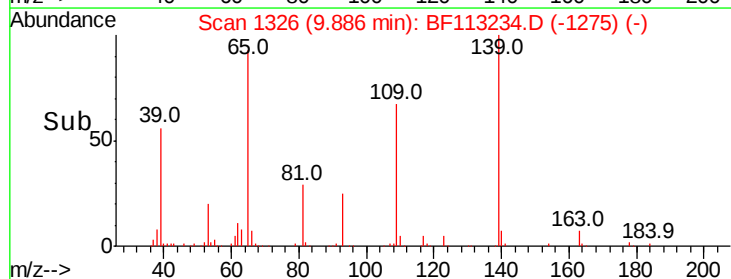
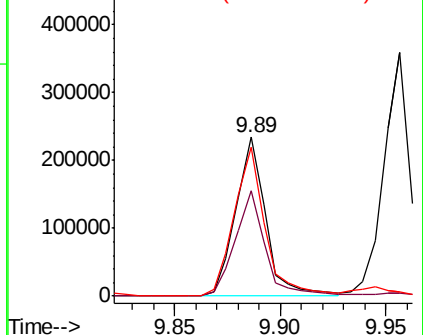


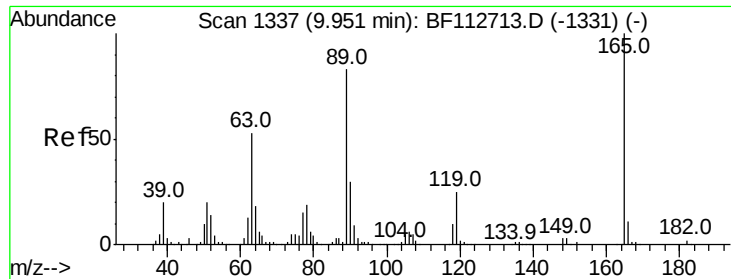
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

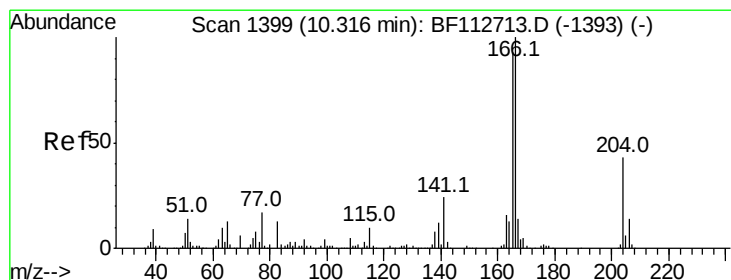
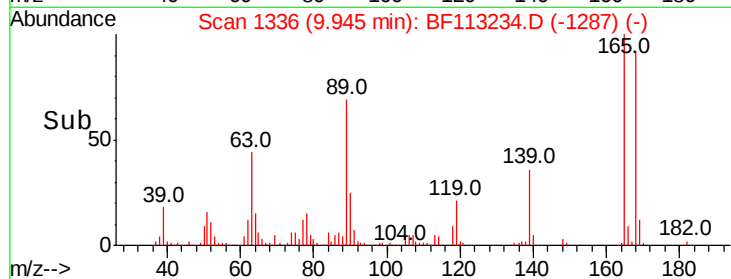
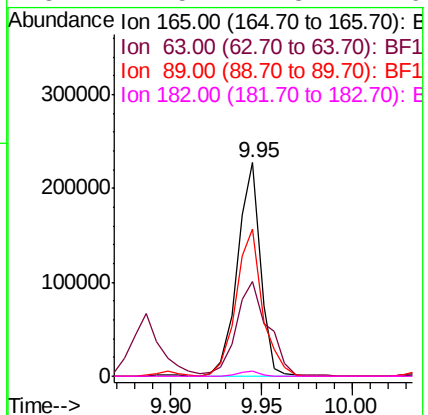
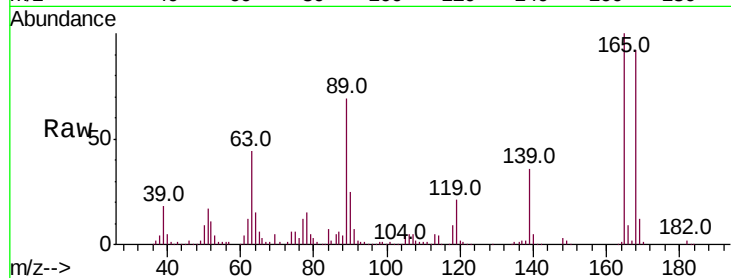




#57  
2,4-Dinitrotoluene  
Concen: 42.164 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

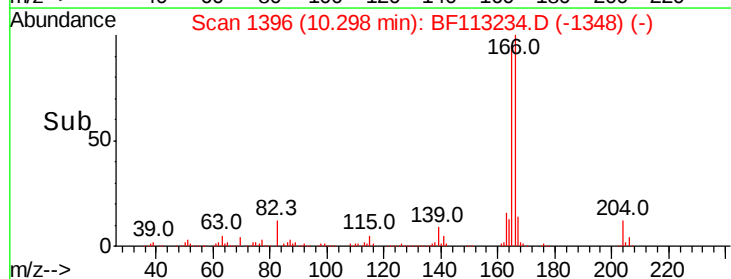
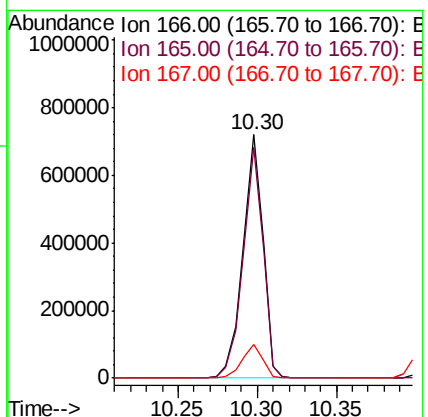
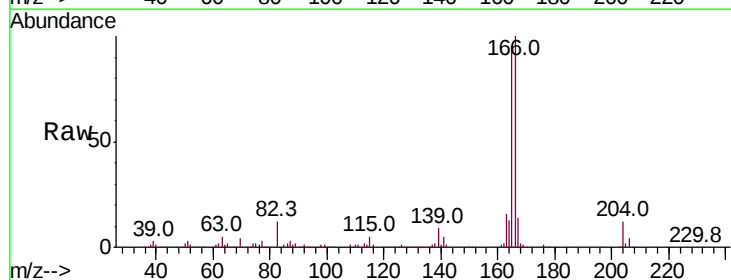
Instrument :  
BNA\_F  
ClientSampled :

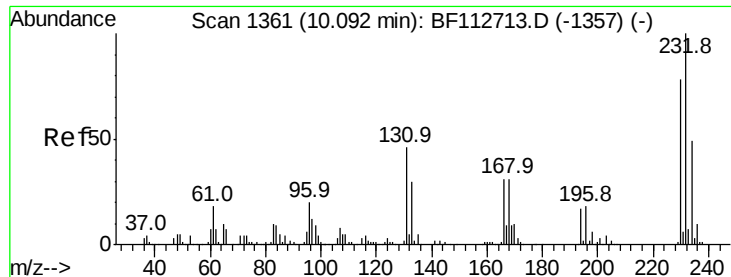
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 44.3  | 42.2  | 63.2  |
| 89      | 68.8  | 66.2  | 99.4  |
| 182     | 2.5   | 1.8   | 2.6   |



#58  
Fluorene  
Concen: 38.642 ng  
RT: 10.30 min Scan# 1396  
Delta R.T. -0.02 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 94.9  | 74.7  | 112.1 |
| 167     | 13.8  | 11.0  | 16.6  |

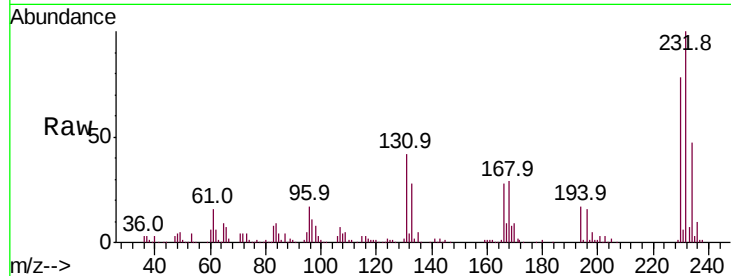




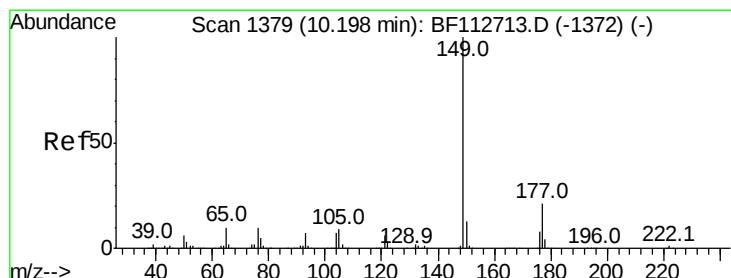
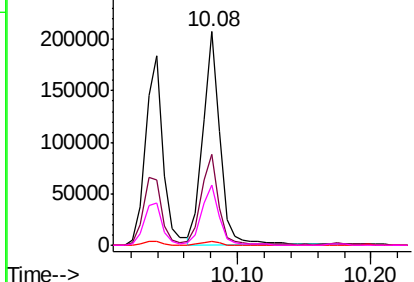
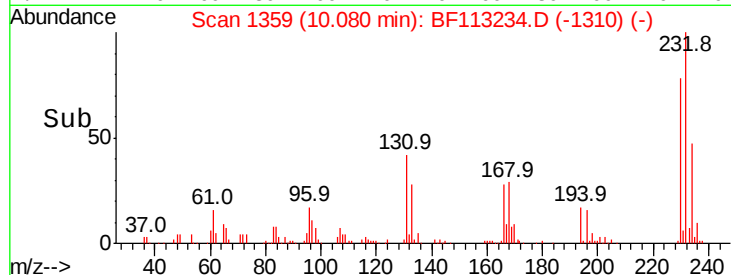
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.885 ng  
RT: 10.08 min Scan# 1359  
Delta R.T. -0.01 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:232 Resp: 184626  
Ion Ratio Lower Upper  
232 100  
131 44.1 38.7 58.1  
130 2.0 1.9 2.9  
166 29.4 25.2 37.8

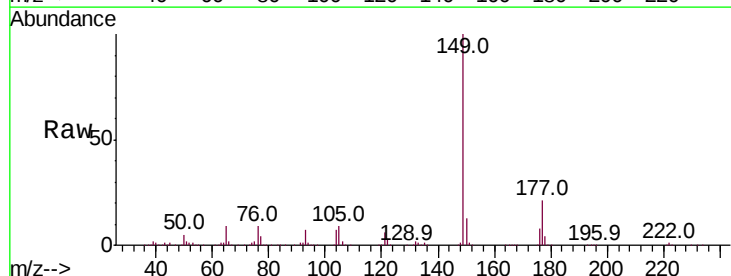


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

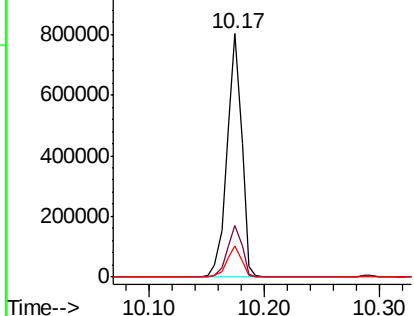
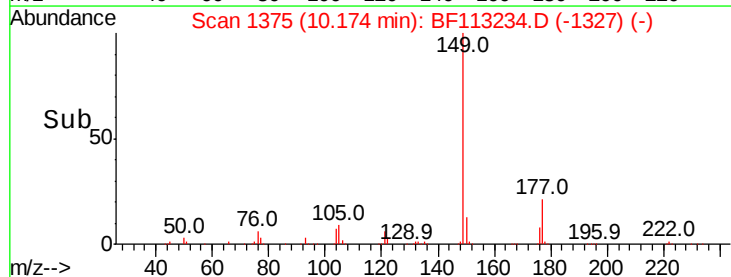


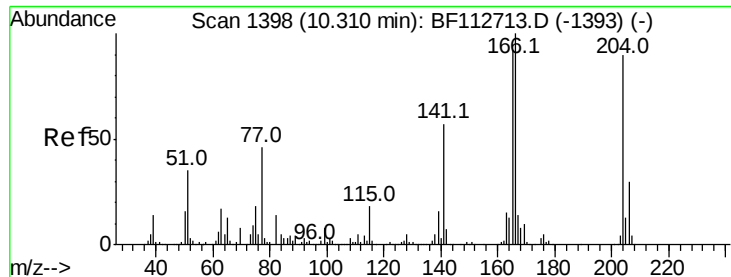
#60  
Diethylphthalate  
Concen: 35.977 ng  
RT: 10.17 min Scan# 1375  
Delta R.T. -0.02 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Tgt Ion:149 Resp: 700031  
Ion Ratio Lower Upper  
149 100  
177 21.3 17.0 25.6  
150 12.8 10.0 15.0



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





#61

4-Chlorophenyl-phenylether

Concen: 41.745 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampled :

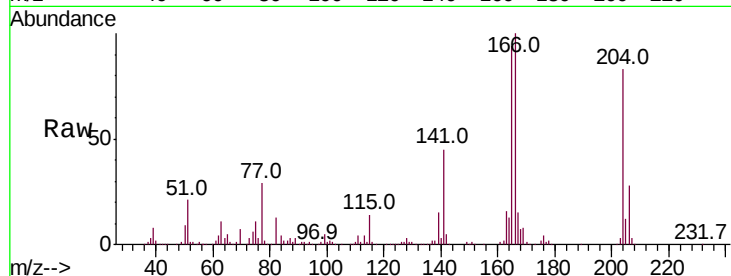
Tot Ion:204 Resp: 316524

Ion Ratio Lower Upper

204 100

206 33.5 26.6 40.0

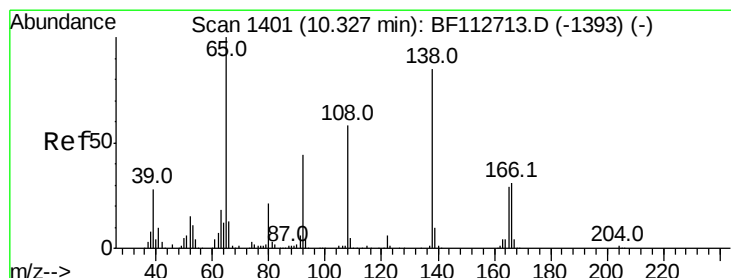
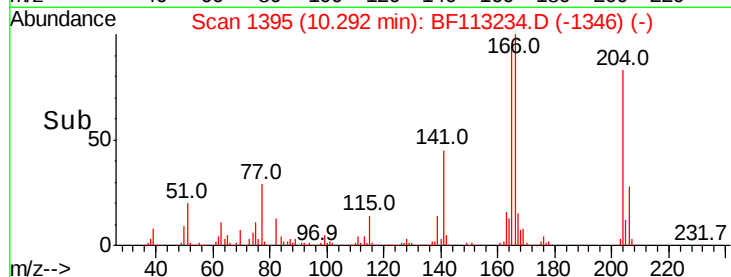
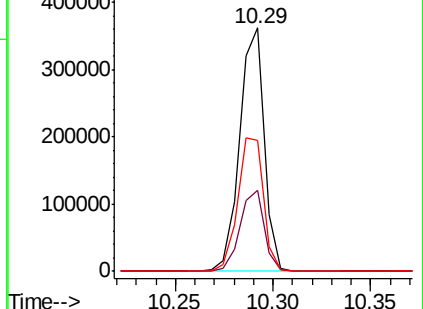
141 53.7 50.8 76.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 38.669 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

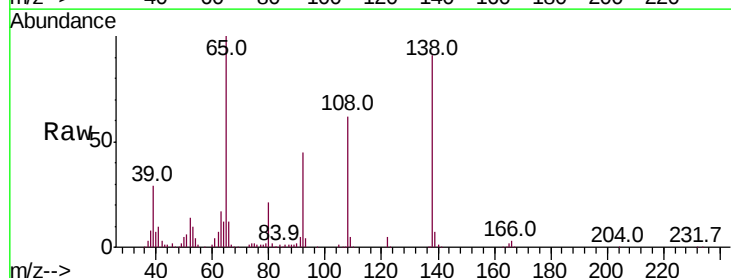
Tgt Ion:138 Resp: 167043

Ion Ratio Lower Upper

138 100

92 49.5 31.3 71.3

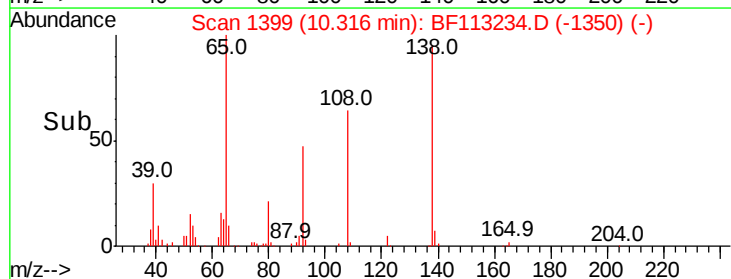
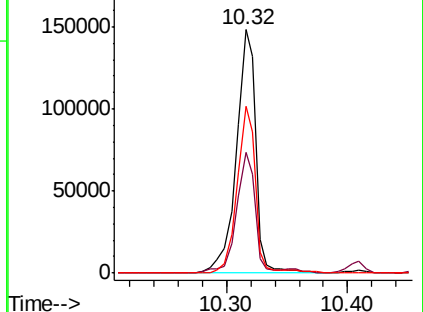
108 68.6 48.1 88.1

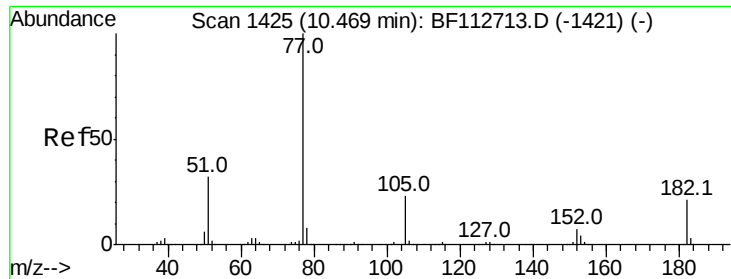


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

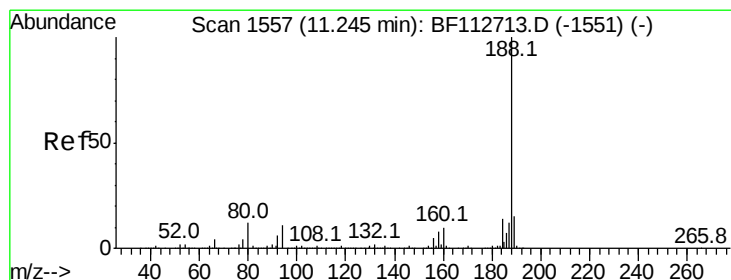
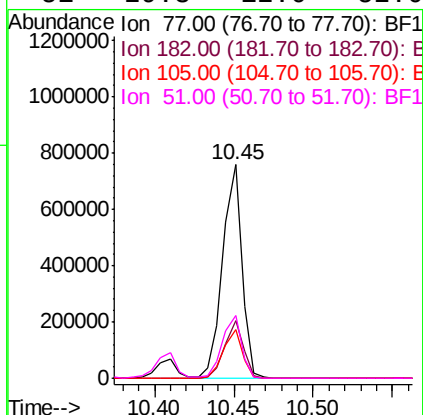
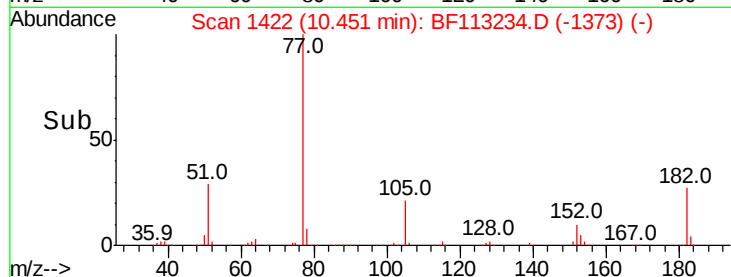
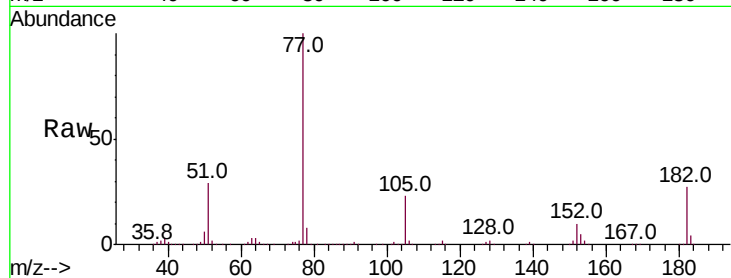




#63  
Azobenzene  
Concen: 32.162 ng  
RT: 10.45 min Scan# 1422  
Delta R.T. -0.01 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

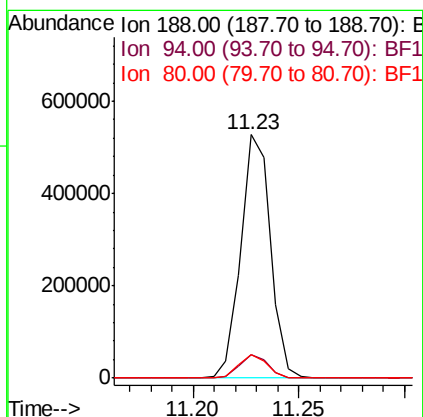
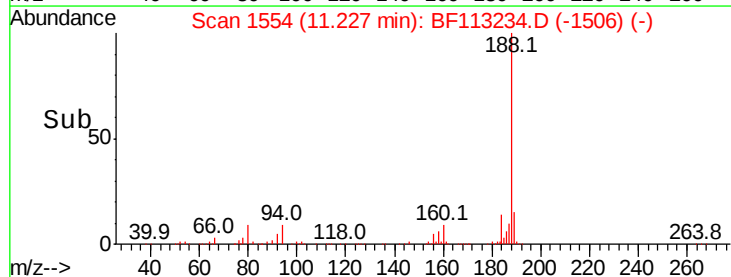
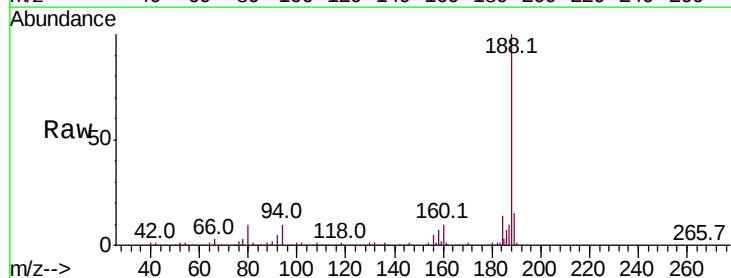
Instrument :  
BNA\_F  
ClientSampleId :

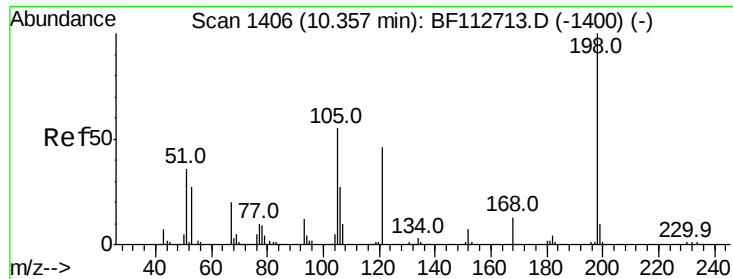
Tot Ion: 77 Resp: 641000  
Ion Ratio Lower Upper  
77 100  
182 26.7 1.4 41.4  
105 22.7 2.6 42.6  
51 29.3 12.0 52.0



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.23 min Scan# 1554  
Delta R.T. -0.02 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Tgt Ion: 188 Resp: 513981  
Ion Ratio Lower Upper  
188 100  
94 9.7 9.0 13.4  
80 9.6 9.2 13.8

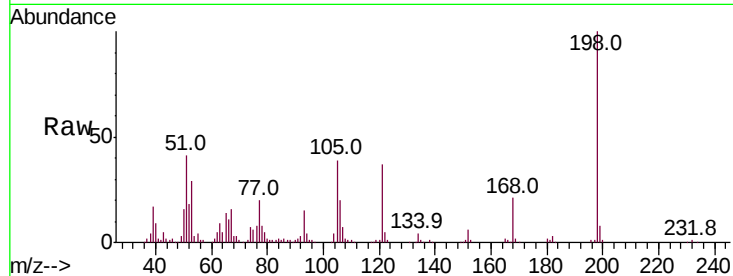




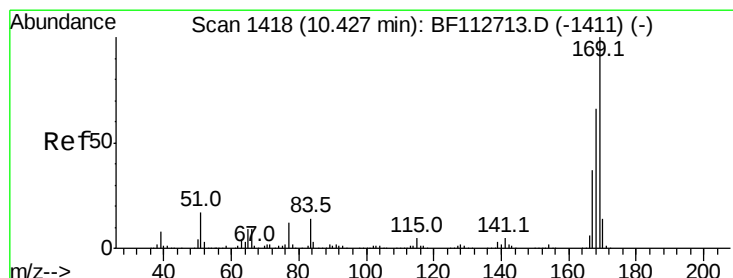
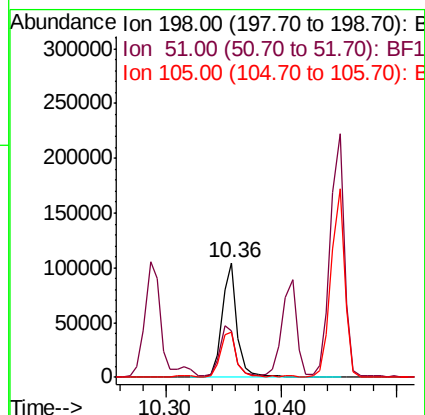
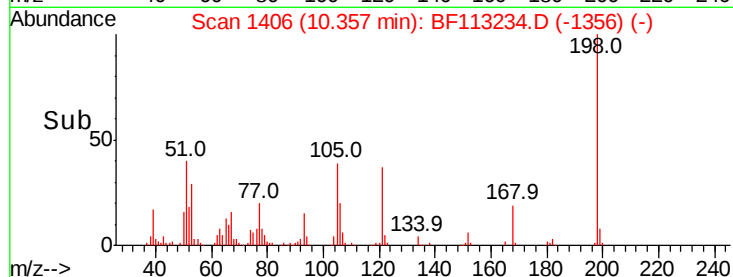
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 44.718 ng  
 RT: 10.36 min Scan# 1406  
 Delta R.T. -0.01 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:198 Resp: 93702  
 Ion Ratio Lower Upper  
 198 100  
 51 40.5 43.8 83.8#  
 105 39.5 36.5 76.5

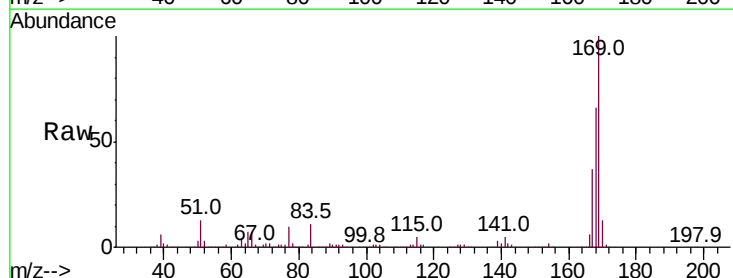


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF1  
 Ion 105.00 (104.70 to 105.70): E

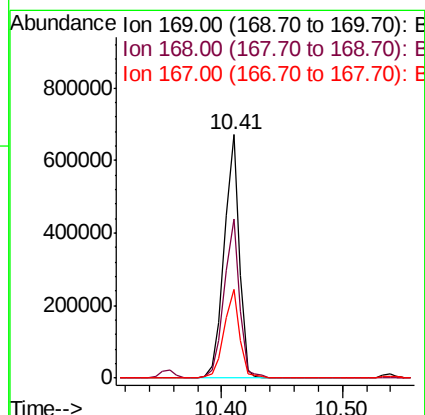
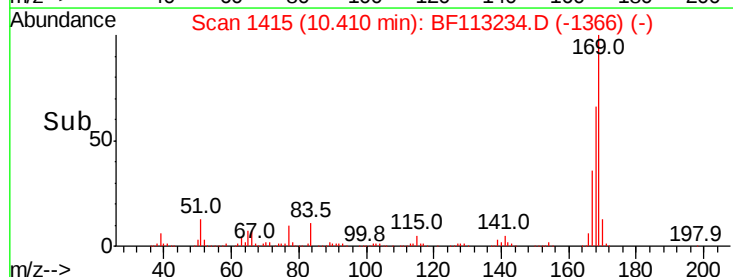


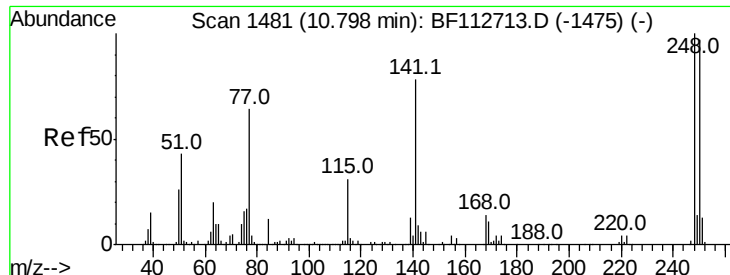
#66  
 n-Nitrosodiphenylamine  
 Concen: 34.934 ng  
 RT: 10.41 min Scan# 1415  
 Delta R.T. -0.01 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

Tgt Ion:169 Resp: 575847  
 Ion Ratio Lower Upper  
 169 100  
 168 65.5 53.0 79.6  
 167 36.5 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

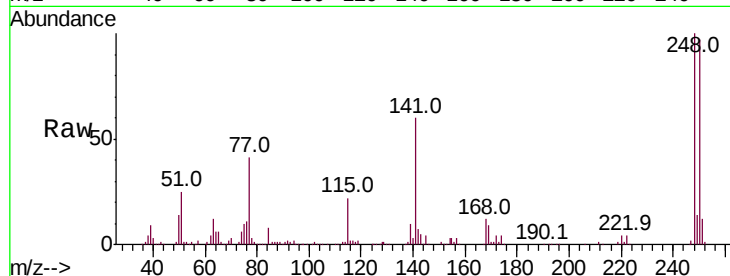




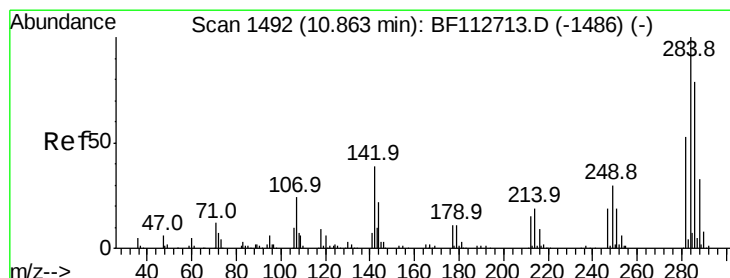
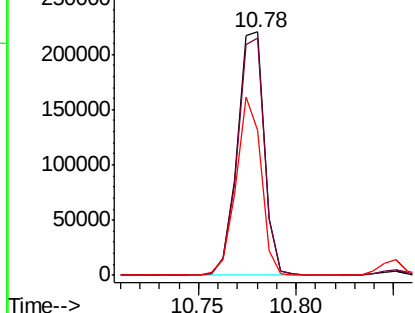
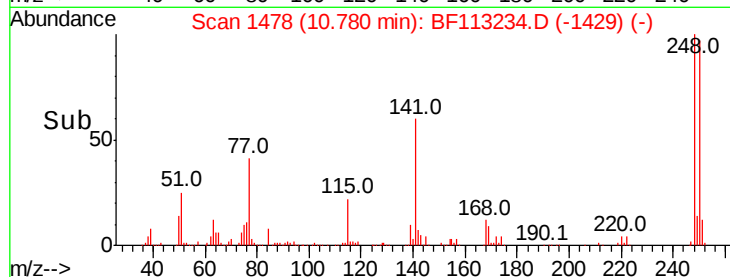
#67  
4-Bromophenyl-phenylether  
Concen: 38.923 ng  
RT: 10.78 min Scan# 1478  
Delta R.T. -0.01 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:248 Resp: 210720  
Ion Ratio Lower Upper  
248 100  
250 97.2 77.5 116.3  
141 59.7 62.4 93.6#

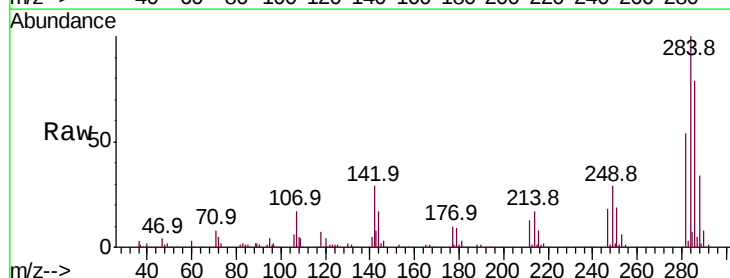


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

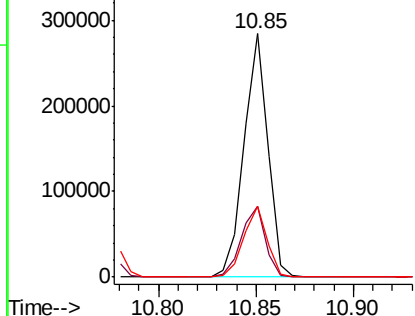
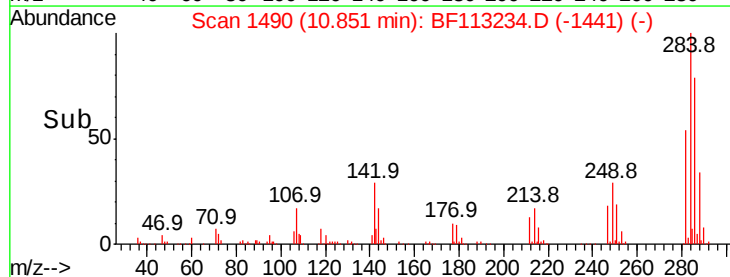


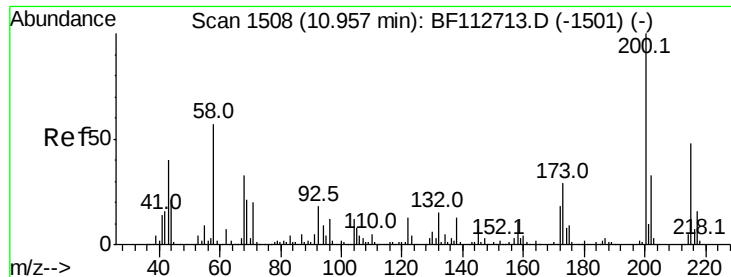
#68  
Hexachlorobenzene  
Concen: 39.478 ng  
RT: 10.85 min Scan# 1490  
Delta R.T. -0.01 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Tgt Ion:284 Resp: 240921  
Ion Ratio Lower Upper  
284 100  
142 29.3 31.0 46.6#  
249 29.3 23.6 35.4



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

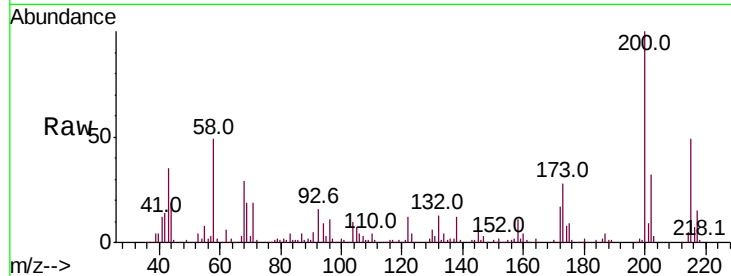




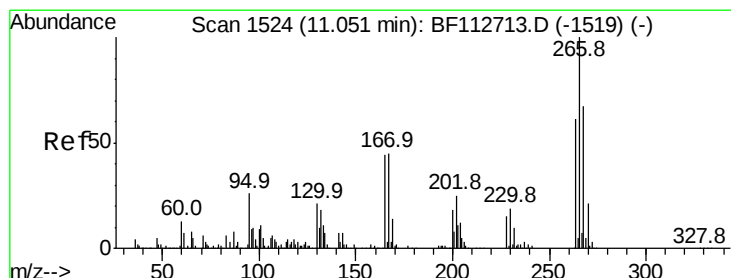
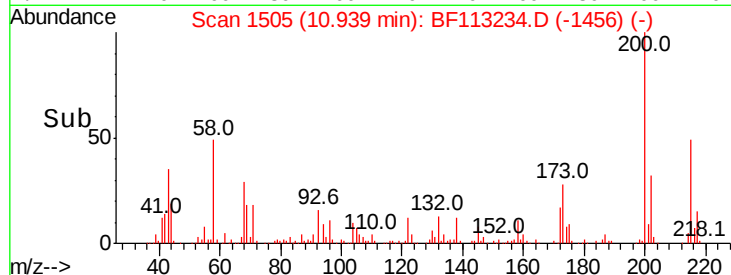
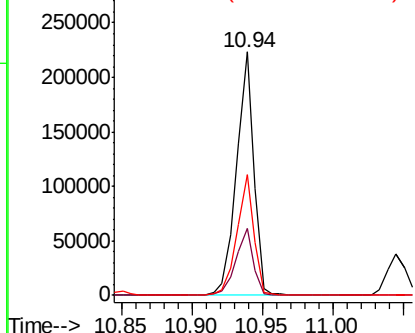
#69  
Atrazine  
Concen: 37.820 ng  
RT: 10.94 min Scan# 1505  
Delta R.T. -0.01 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:200 Resp: 190933  
Ion Ratio Lower Upper  
200 100  
173 27.6 9.1 49.1  
215 49.4 28.2 68.2

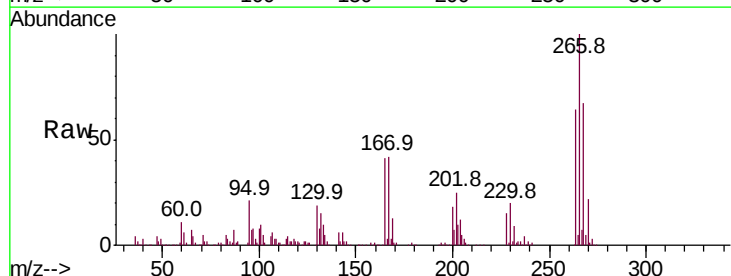


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

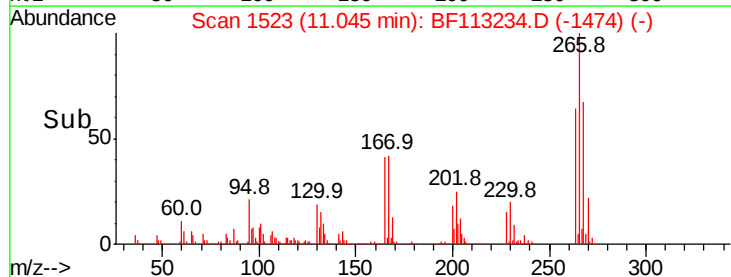
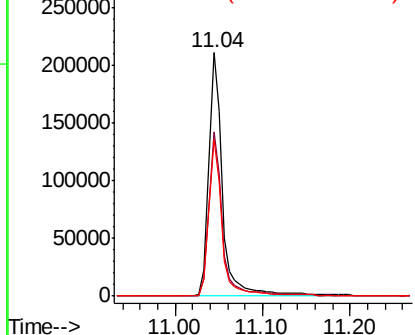


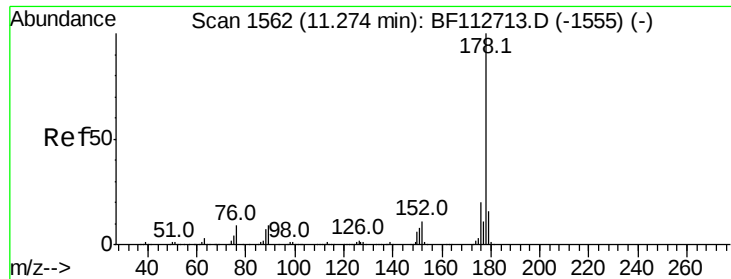
#70  
Pentachlorophenol  
Concen: 65.212 ng  
RT: 11.04 min Scan# 1523  
Delta R.T. -0.01 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Tgt Ion:266 Resp: 234234  
Ion Ratio Lower Upper  
266 100  
268 67.4 53.3 79.9  
264 64.3 48.9 73.3



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





#71

Phenanthrene

Concen: 37.182 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampled :

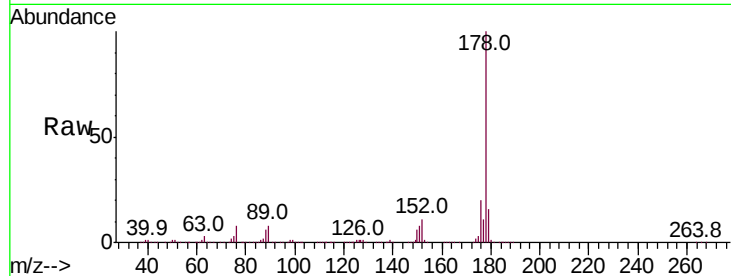
Tot Ion:178 Resp: 950845

Ion Ratio Lower Upper

178 100

176 19.9 16.3 24.5

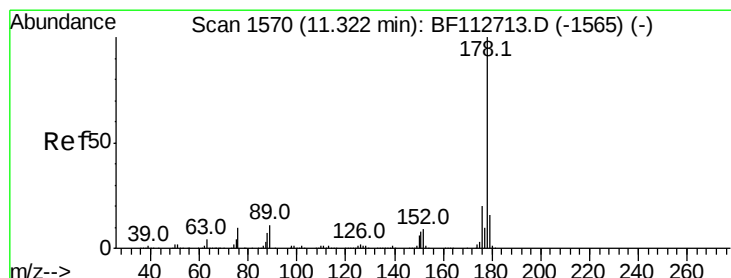
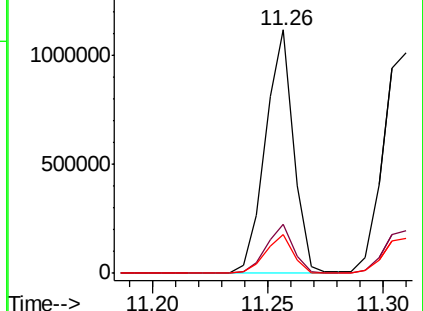
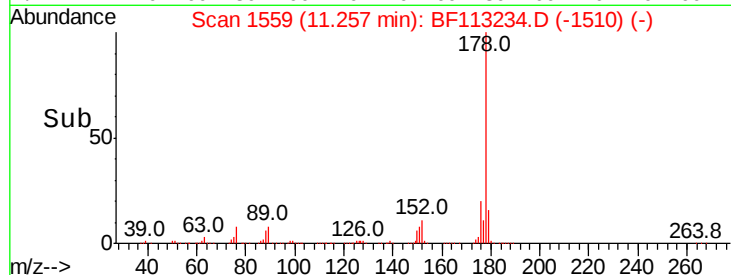
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.736 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

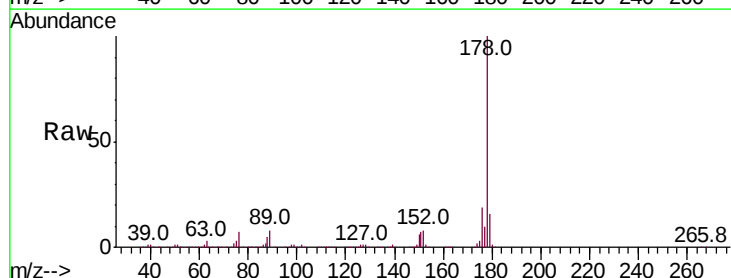
Tgt Ion:178 Resp: 983376

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

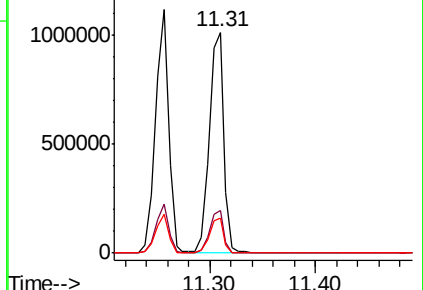
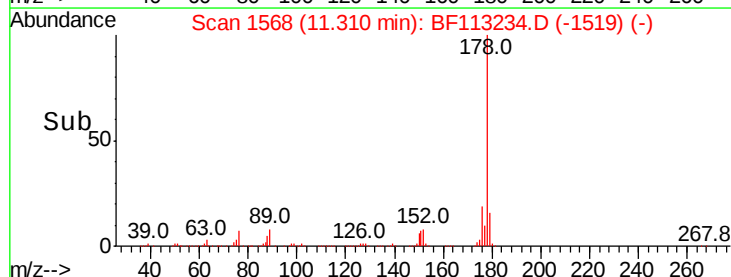
179 15.6 13.0 19.6

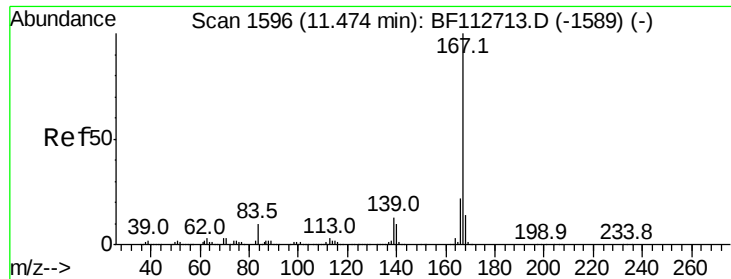


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

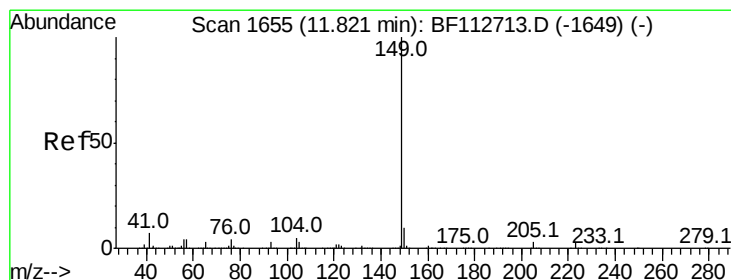
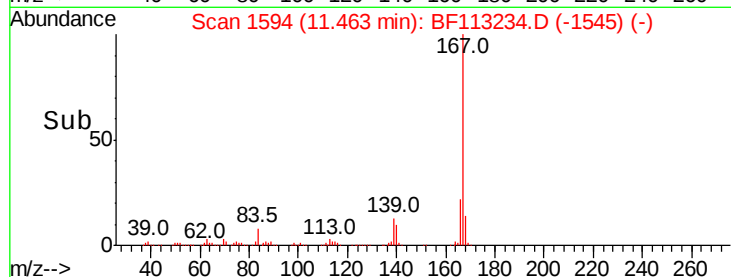
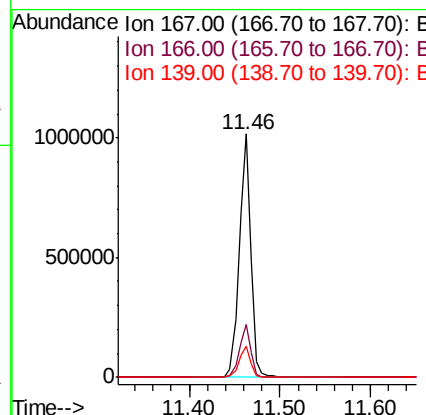
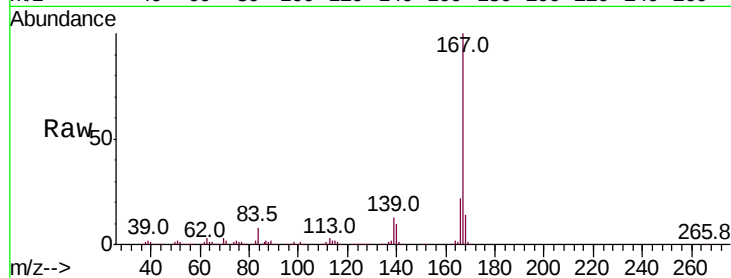




#73  
 Carbazole  
 Concen: 35.103 ng  
 RT: 11.46 min Scan# 1594  
 Delta R.T. -0.01 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

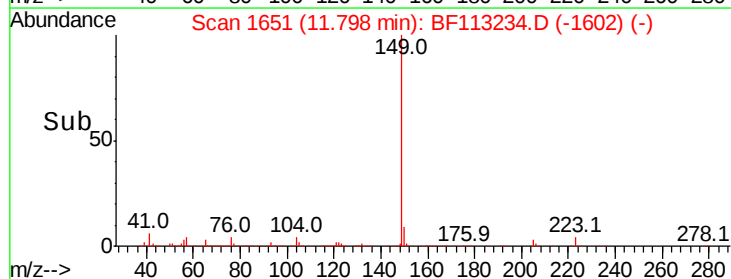
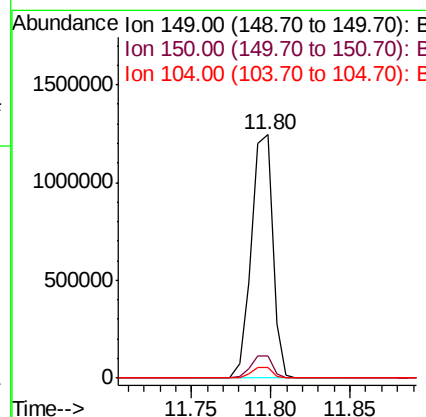
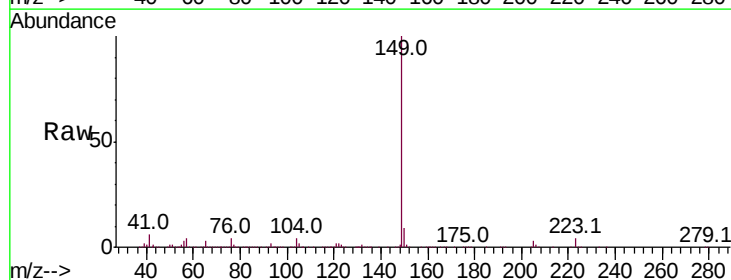
Instrument :  
 BNA\_F  
 ClientSampleId :

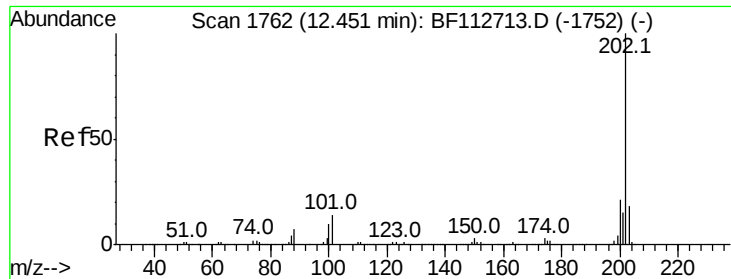
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.8  | 17.5  | 26.3  |
| 139     | 12.8  | 10.8  | 16.2  |



#74  
 Di-n-butylphthalate  
 Concen: 37.267 ng  
 RT: 11.80 min Scan# 1651  
 Delta R.T. -0.01 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.2   | 7.6   | 11.4  |
| 104     | 4.2   | 3.7   | 5.5   |





#75

Fluoranthene

Concen: 39.042 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampleId :

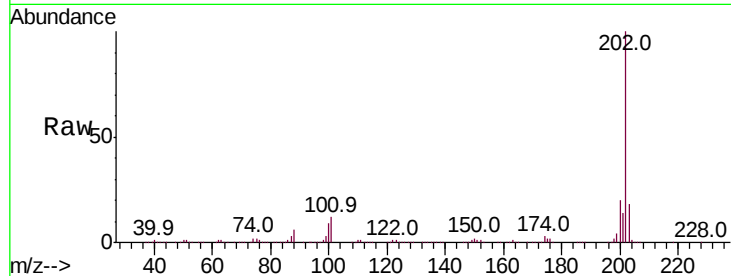
Tot Ion:202 Resp: 1069669

Ion Ratio Lower Upper

202 100

101 11.6 0.0 33.8

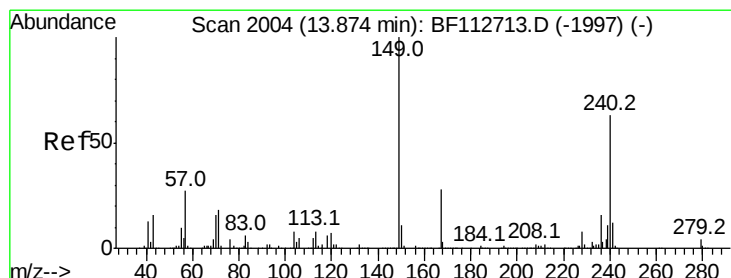
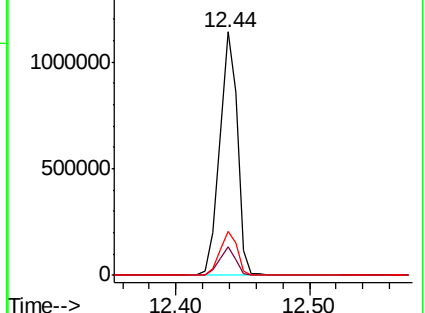
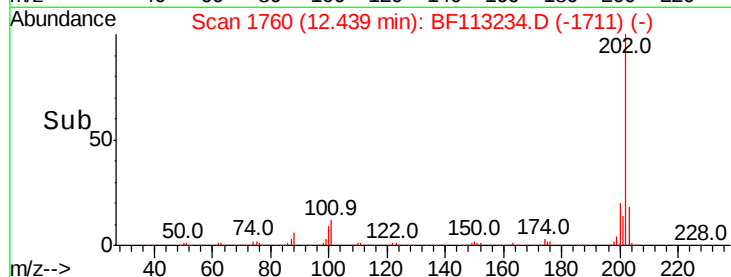
203 17.9 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

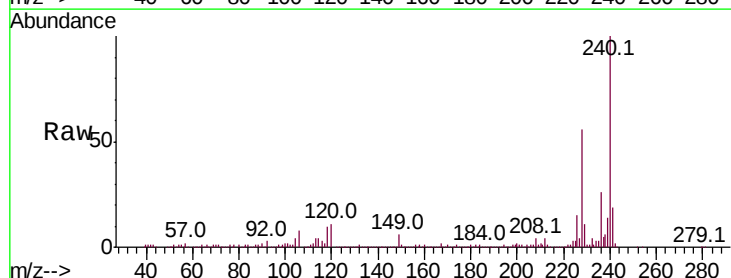
Tgt Ion:240 Resp: 404058

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

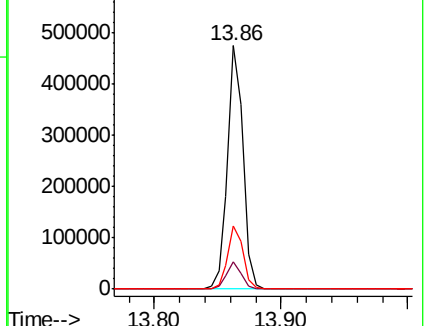
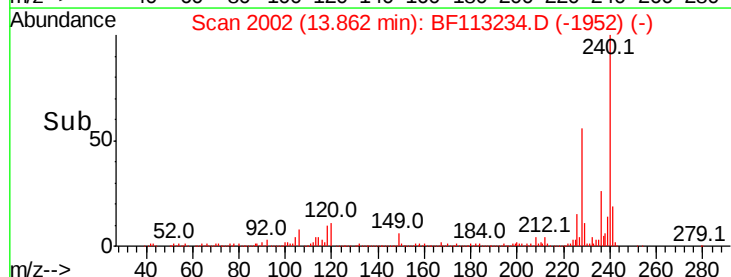
236 26.0 20.7 31.1

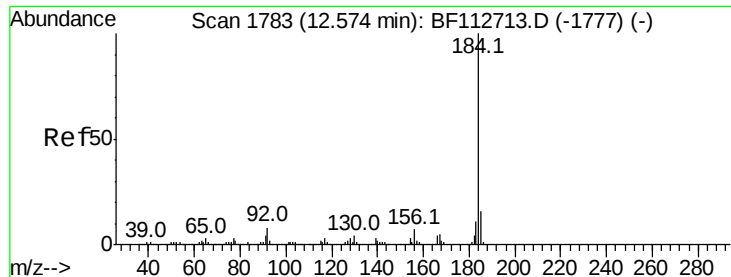


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.216 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

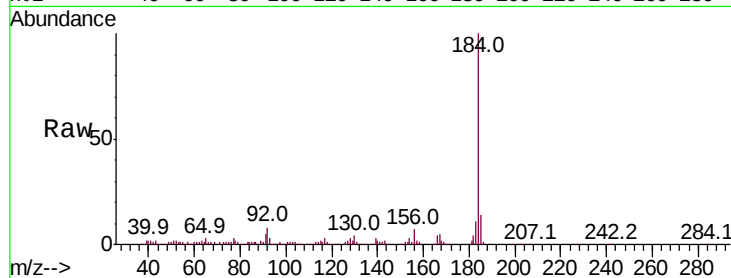
Instrument :

BNA\_F

ClientSampled :

Tot Ion:184 Resp: 381869

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.5  | 12.6  | 18.8  |
| 183 | 10.5  | 8.6   | 12.8  |

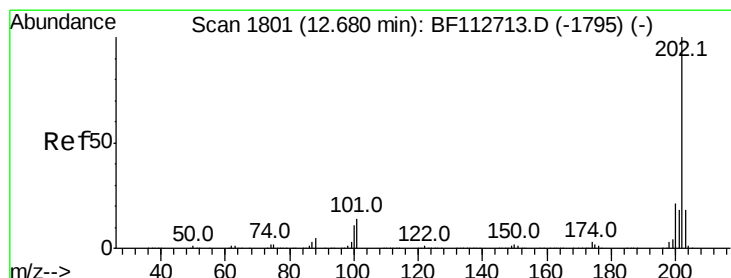
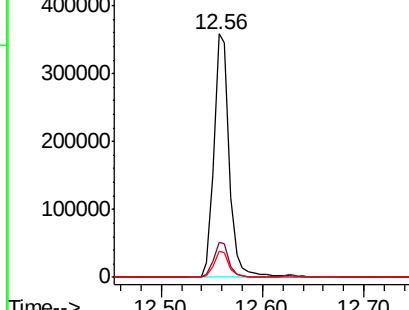
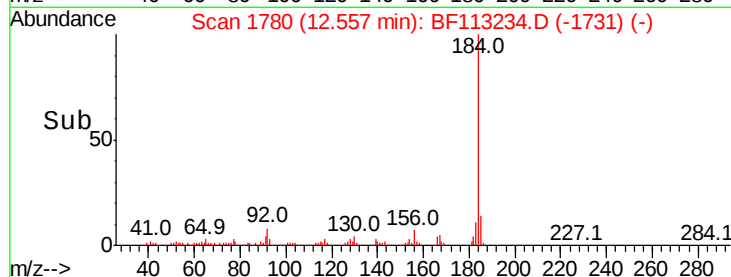


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.723 ng

RT: 12.67 min Scan# 1799

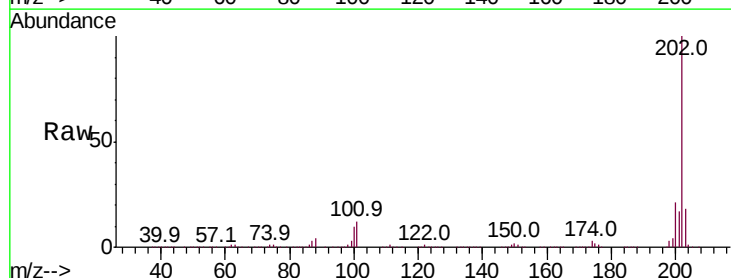
Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion:202 Resp: 1080566

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.0  | 17.0  | 25.4  |
| 203 | 18.0  | 14.4  | 21.6  |

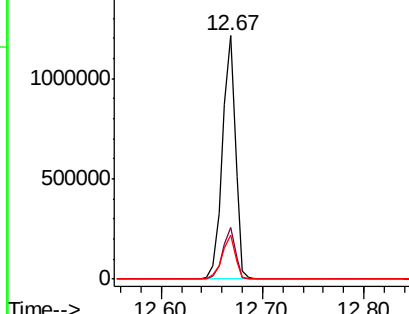
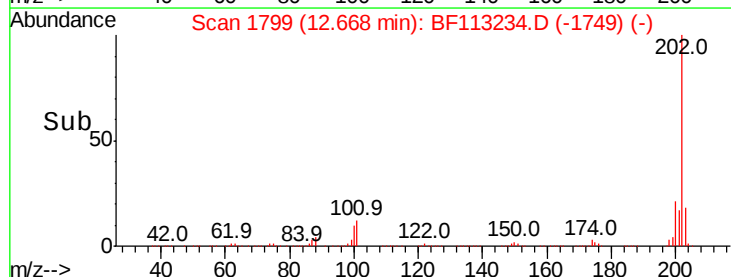


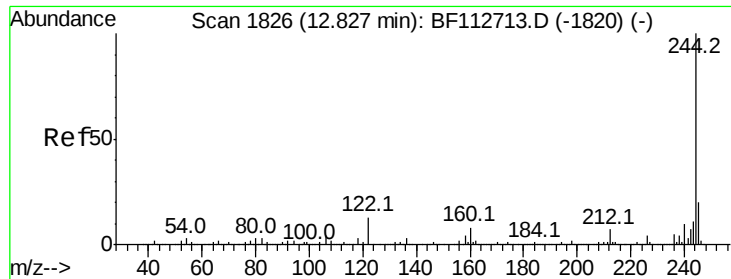
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

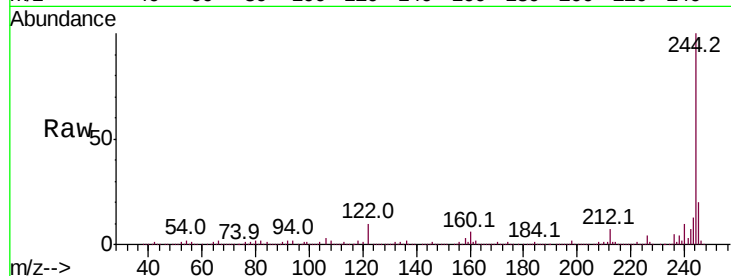




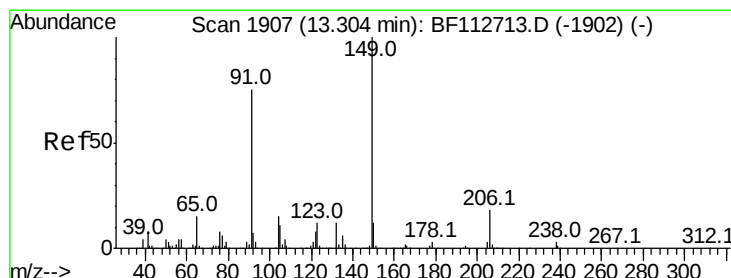
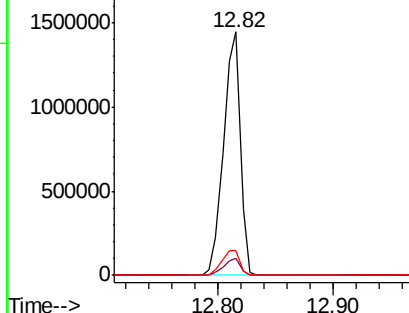
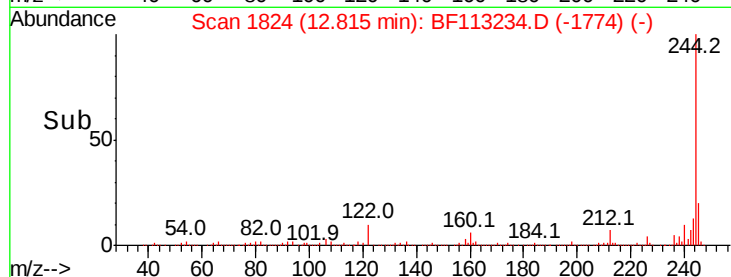
#79  
 Terphenyl-d14  
 Concen: 69.899 ng  
 RT: 12.82 min Scan# 1824  
 Delta R.T. -0.01 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:244 Resp: 1456960  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.6 8.4  
 122 10.0 10.5 15.7#

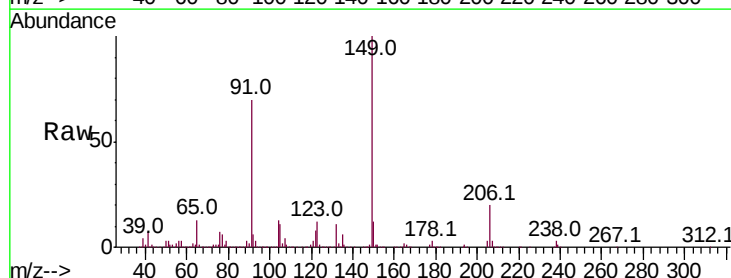


Abundance Ion 244.00 (243.70 to 244.70): E  
 2000000 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

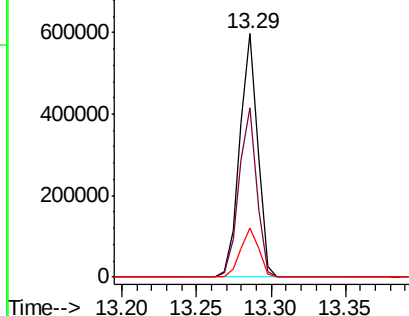
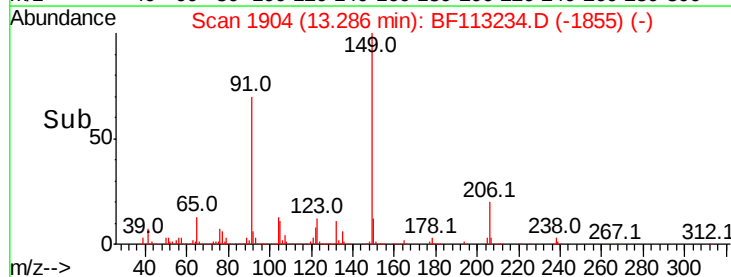


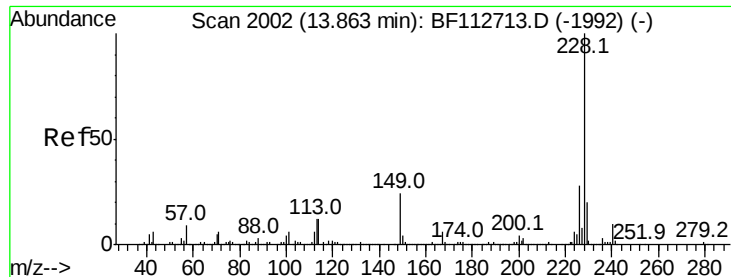
#80  
 Butylbenzylphthalate  
 Concen: 33.519 ng  
 RT: 13.29 min Scan# 1904  
 Delta R.T. -0.01 min  
 Lab File: BF113234.D  
 Acq: 22 Mar 2019 15:00

Tgt Ion:149 Resp: 503986  
 Ion Ratio Lower Upper  
 149 100  
 91 69.7 59.9 89.9  
 206 20.1 14.7 22.1



Abundance Ion 149.00 (148.70 to 149.70): E  
 800000 Ion 91.00 (90.70 to 91.70): BF1  
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 29.889 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampled :

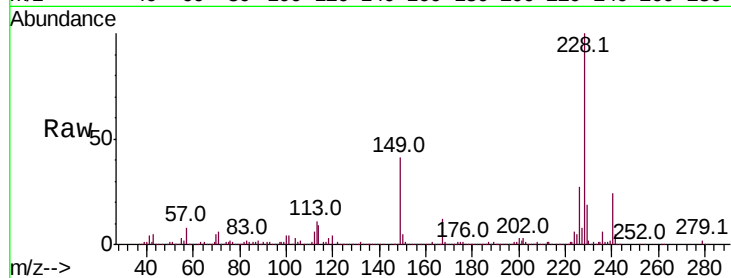
Tot Ion:228 Resp: 837020

Ion Ratio Lower Upper

228 100

226 26.6 22.2 33.4

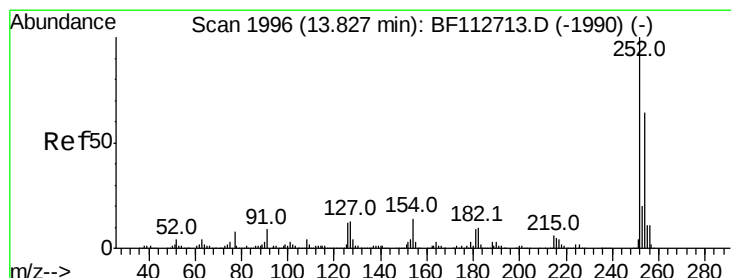
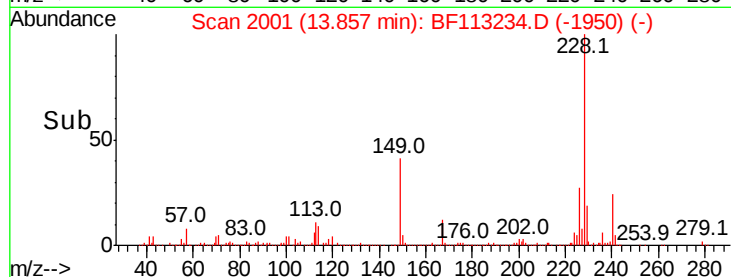
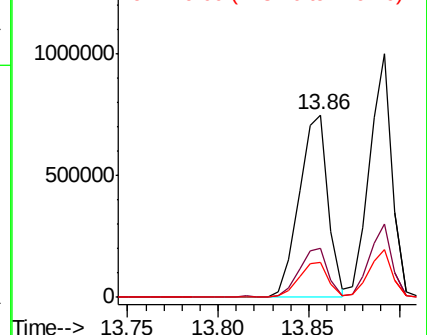
229 19.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.622 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

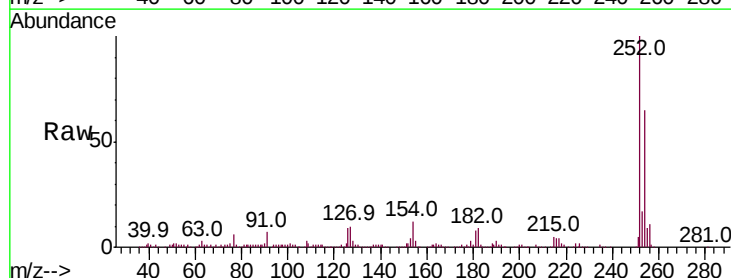
Tgt Ion:252 Resp: 250190

Ion Ratio Lower Upper

252 100

254 64.5 51.1 76.7

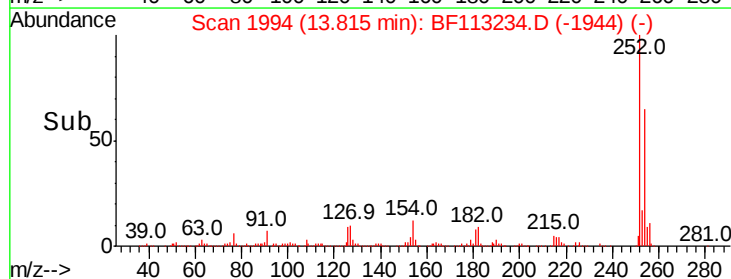
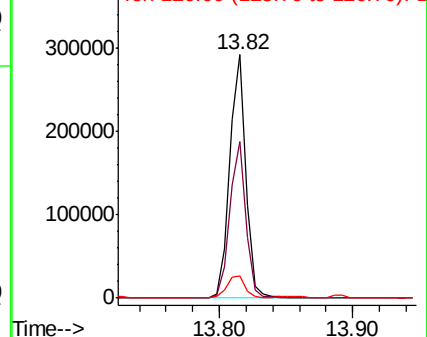
126 9.3 9.9 14.9#

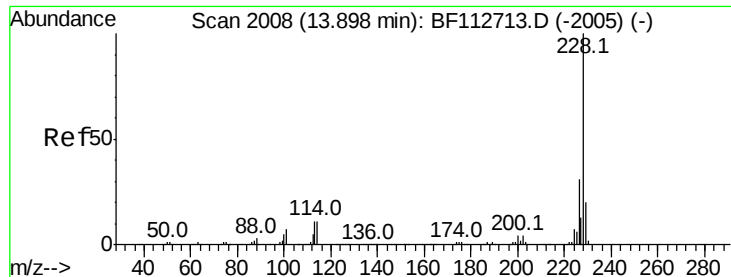


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 31.466 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

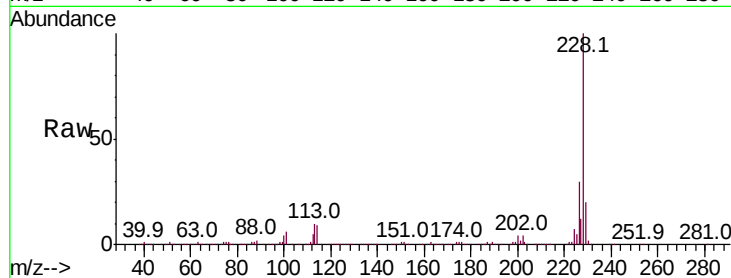
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:228 Resp: 863140

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.3  | 24.9  | 37.3  |
| 229 | 19.9  | 16.3  | 24.5  |

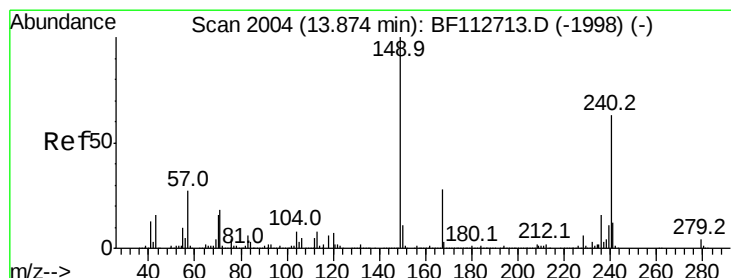
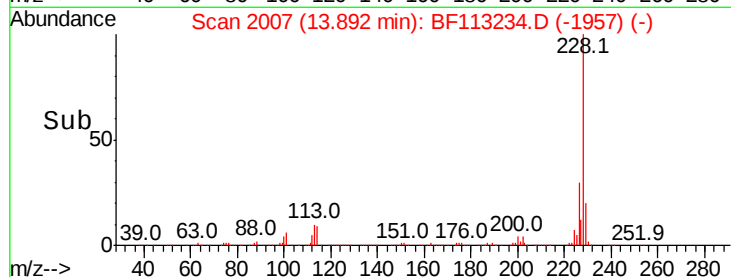
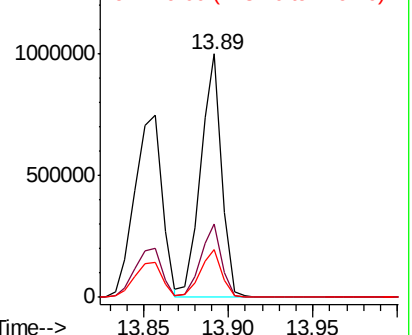


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.279 ng

RT: 13.85 min Scan# 2000

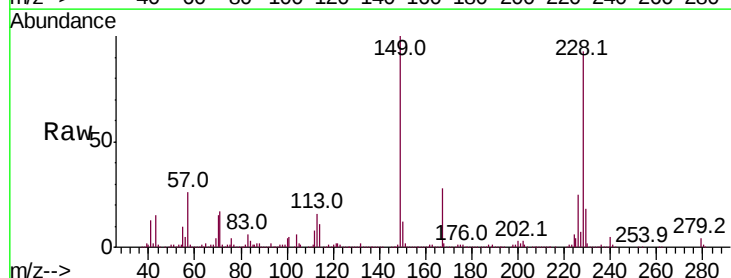
Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion:149 Resp: 692719

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.5  | 22.4  | 33.6  |
| 279 | 4.4   | 3.3   | 4.9   |

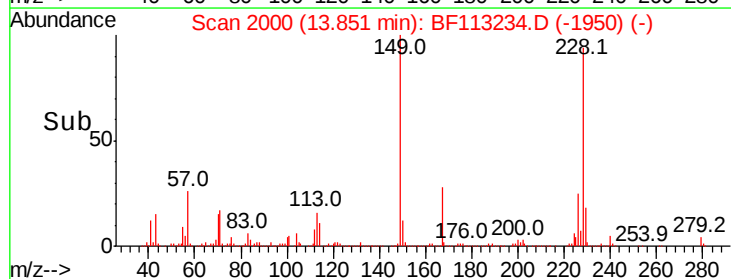
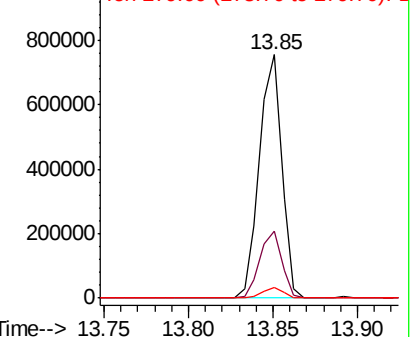


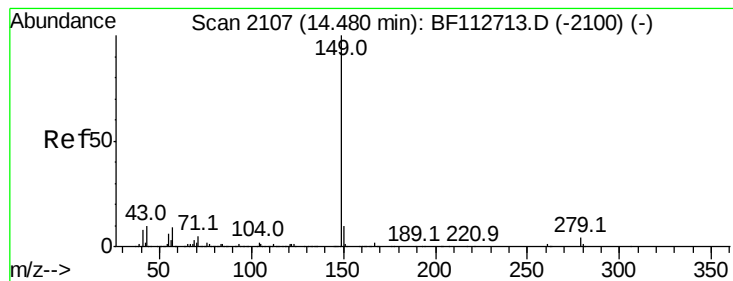
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.295 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampleId :

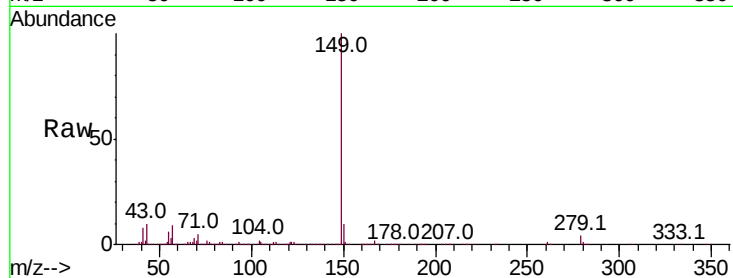
Tot Ion:149 Resp: 1280824

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

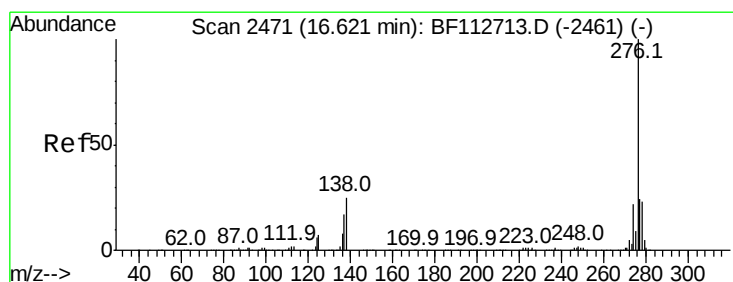
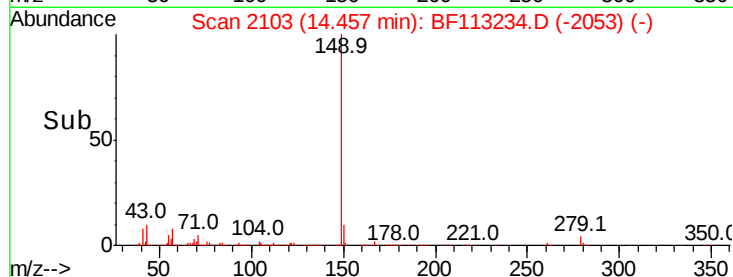
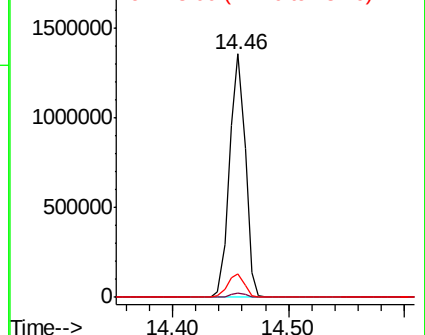
43 9.7 9.0 13.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.898 ng

RT: 16.64 min Scan# 2475

Delta R.T. 0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

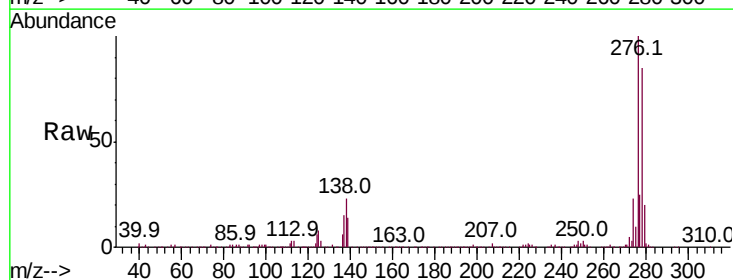
Tgt Ion:276 Resp: 1026585

Ion Ratio Lower Upper

276 100

138 23.8 23.2 34.8

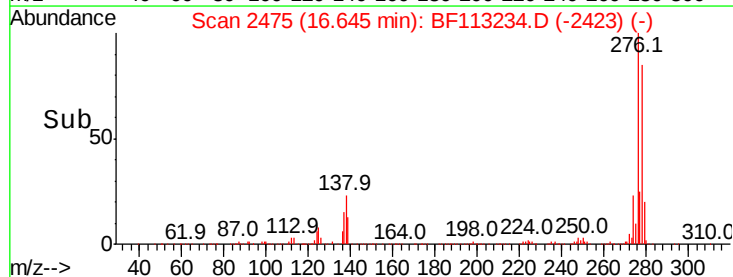
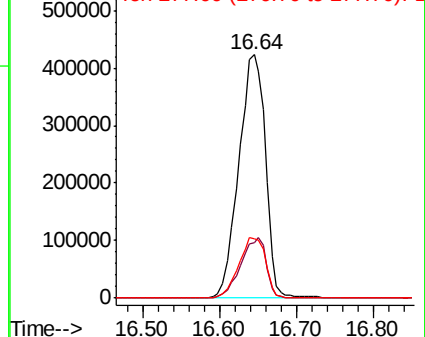
277 25.1 19.9 29.9

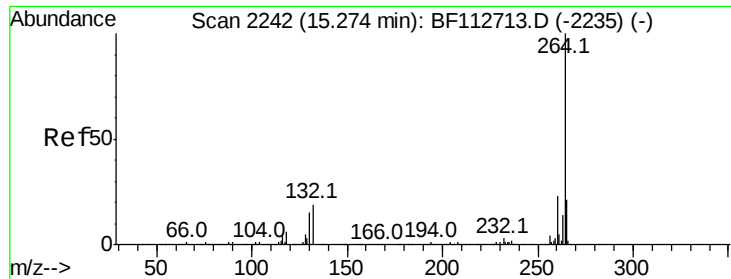


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampleId :

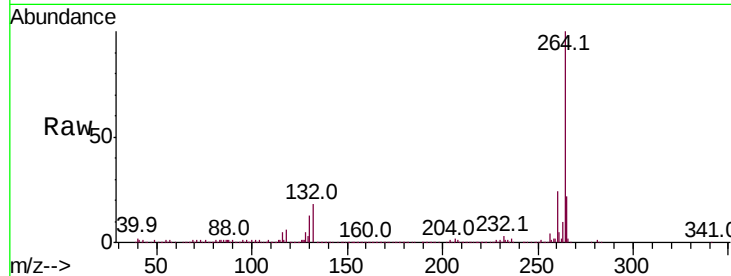
Tot Ion:264 Resp: 411291

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

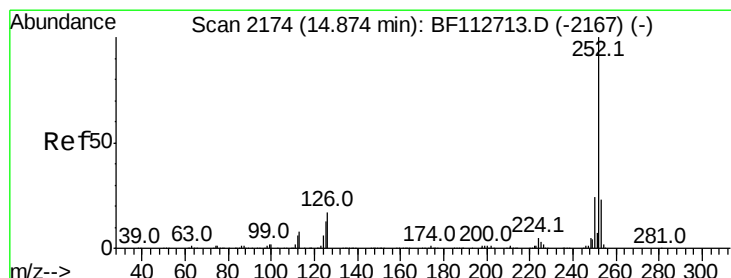
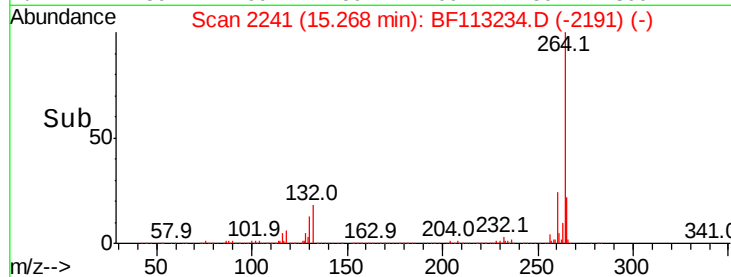
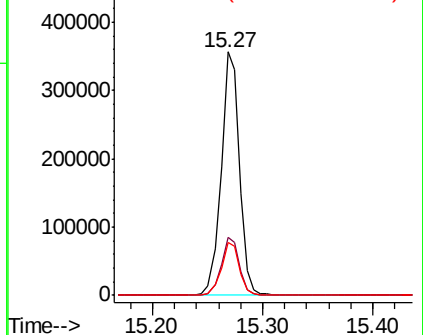
265 21.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 32.803 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

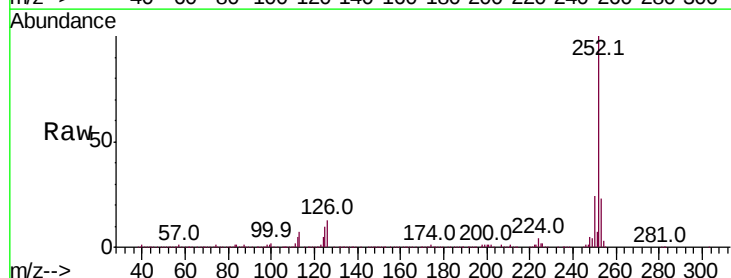
Tgt Ion:252 Resp: 872684

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

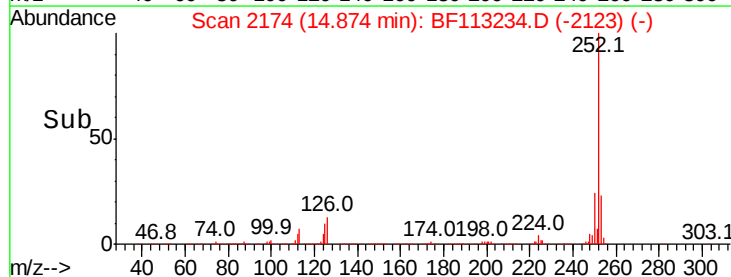
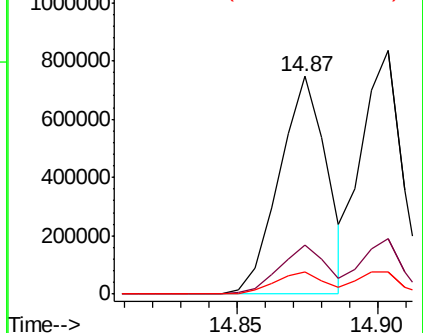
125 10.2 10.2 15.2

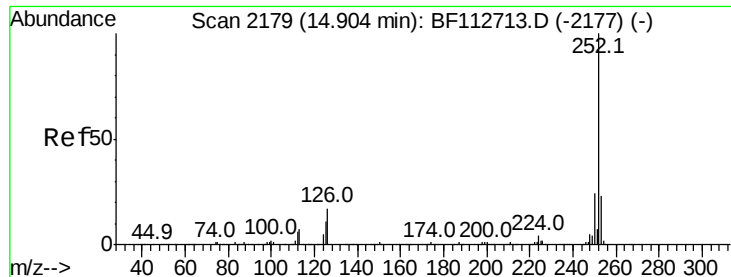


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

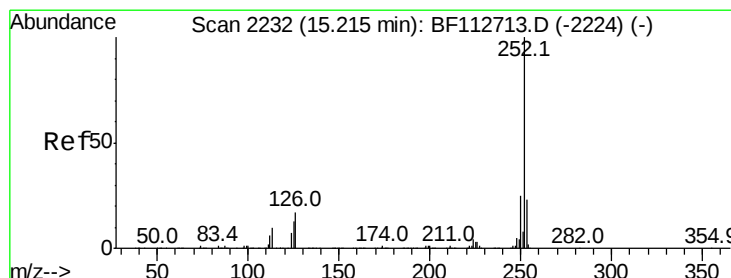
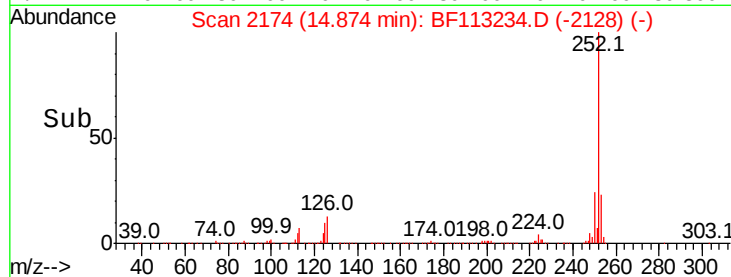
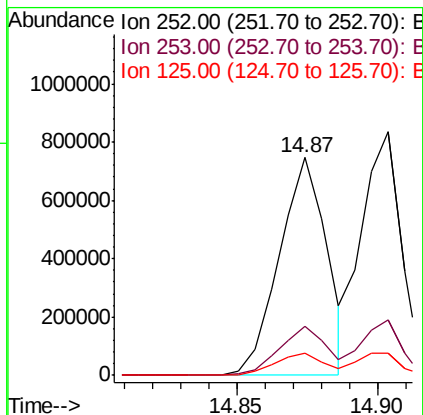
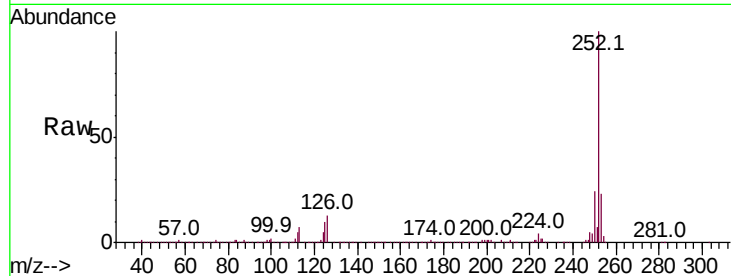




#89  
Benzo(k)fluoranthene  
Concen: 36.215 ng  
RT: 14.87 min Scan# 2174  
Delta R.T. -0.03 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

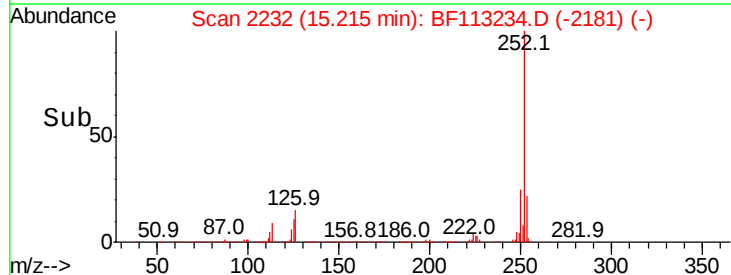
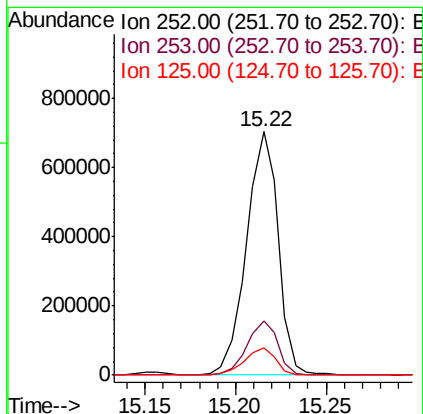
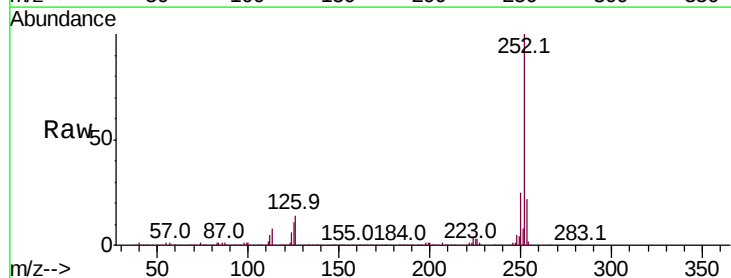
Instrument :  
BNA\_F  
ClientSampleId :

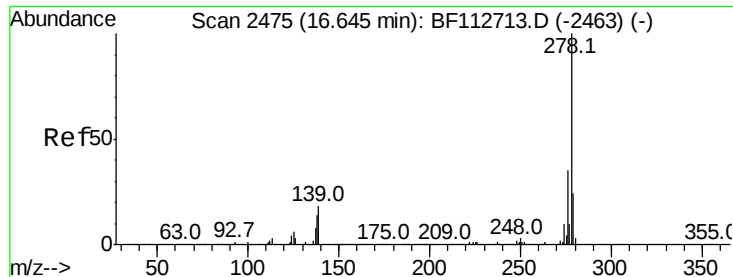
Tot Ion:252 Resp: 872684  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.2 27.2  
125 10.2 9.8 14.6



#90  
Benzo(a)pyrene  
Concen: 36.214 ng  
RT: 15.22 min Scan# 2232  
Delta R.T. -0.00 min  
Lab File: BF113234.D  
Acq: 22 Mar 2019 15:00

Tgt Ion:252 Resp: 852166  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.0 27.0  
125 11.1 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 42.513 ng

RT: 16.66 min Scan# 2477

Delta R.T. 0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA\_F

ClientSampleId :

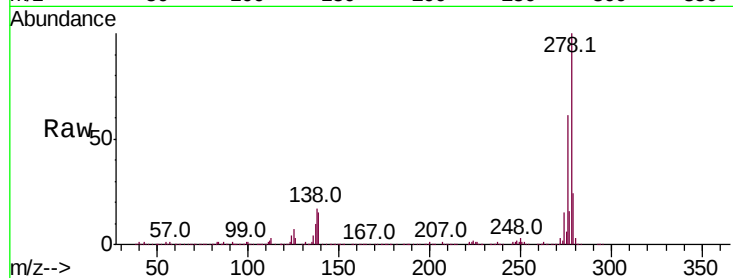
Tot Ion:278 Resp: 853649

Ion Ratio Lower Upper

278 100

139 14.5 14.3 21.5

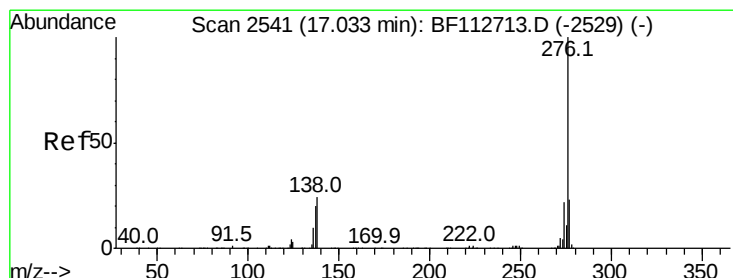
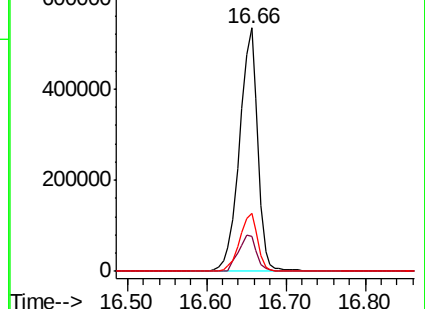
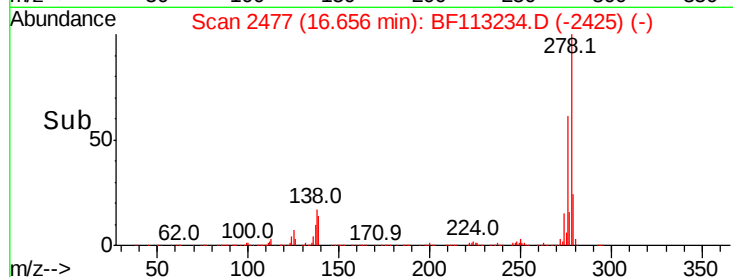
279 23.8 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.002 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

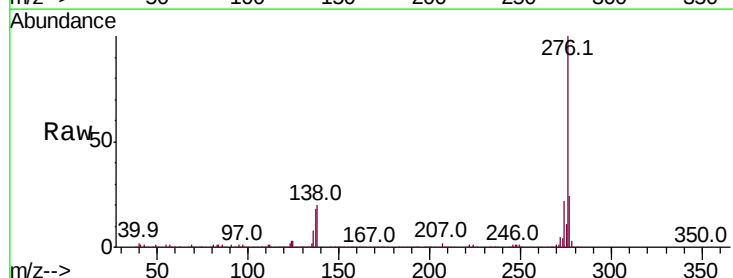
Tgt Ion:276 Resp: 927523

Ion Ratio Lower Upper

276 100

277 23.5 18.6 27.8

138 20.4 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

