

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110619\  
 Data File : BF117699.D  
 Acq On : 6 Nov 2019 14:20  
 Operator : JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 06 15:11:33 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 06 14:03:21 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.94  | 152  | 389720   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.23  | 136  | 1427537  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.99  | 164  | 753973   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.48 | 188  | 1371311  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.13 | 240  | 879145   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.63 | 264  | 835992   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.55  | 112 | 2399089 | 101.60 | ng | 0.00 |
| 7) Phenol-d6             | 6.56  | 99  | 2969008 | 101.83 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.51  | 82  | 2827616 | 122.03 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.78 | 330 | 842943  | 114.72 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.31  | 172 | 4326393 | 110.05 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.07 | 244 | 4697404 | 110.95 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.76 | 88  | 622943  | 56.631 | ng | 99     |
| 3) Pyridine                    | 3.52 | 79  | 1712369 | 57.671 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.49 | 42  | 758683  | 56.418 | ng | 98     |
| 6) Aniline                     | 6.60 | 93  | 2169627 | 54.838 | ng | 99     |
| 8) 2-Chlorophenol              | 6.73 | 128 | 1350487 | 55.751 | ng | 98     |
| 9) Benzaldehyde                | 6.49 | 77  | 1037491 | 67.626 | ng | 98     |
| 10) Phenol                     | 6.57 | 94  | 1616848 | 55.530 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.67 | 93  | 1348066 | 56.405 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.88 | 146 | 1561057 | 55.821 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.96 | 146 | 1559742 | 55.536 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.12 | 146 | 1418289 | 55.124 | ng | 99     |
| 15) Benzyl Alcohol             | 7.08 | 79  | 1214949 | 56.790 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.22 | 45  | 2128011 | 55.958 | ng | 98     |
| 17) 2-Methylphenol             | 7.18 | 107 | 1179432 | 56.408 | ng | 99     |
| 18) Hexachloroethane           | 7.46 | 117 | 588293  | 56.547 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70  | 981796  | 55.343 | ng | 96     |
| 20) 3+4-Methylphenols          | 7.34 | 107 | 1351564 | 54.796 | ng | 94     |
| 22) Acetophenone               | 7.35 | 105 | 1846857 | 57.442 | ng | 98     |
| 24) Nitrobenzene               | 7.53 | 77  | 1469077 | 61.588 | ng | 99     |
| 25) Isophorone                 | 7.77 | 82  | 2695540 | 60.678 | ng | 100    |
| 26) 2-Nitrophenol              | 7.84 | 139 | 718934  | 68.502 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.87 | 122 | 1152528 | 60.695 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.97 | 93  | 1712950 | 61.068 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.08 | 162 | 1192259 | 62.354 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.17 | 180 | 1351817 | 61.683 | ng | 99     |
| 31) Naphthalene                | 8.25 | 128 | 3632781 | 58.530 | ng | 98     |
| 32) Benzoic acid               | 8.01 | 122 | 983731  | 69.509 | ng | 95     |
| 33) 4-Chloroaniline            | 8.29 | 127 | 1756588 | 59.967 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.37 | 225 | 771827  | 61.530 | ng | 97     |
| 35) Caprolactam                | 8.68 | 113 | 343351  | 53.116 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.77 | 107 | 1198949 | 61.612 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.94 | 142 | 2499057 | 59.314 | ng | 99     |
| 38) 1-Methylnaphthalene        | 9.04 | 142 | 2356089 | 59.029 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.11 | 216 | 1190905 | 59.611 | ng | 100    |

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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

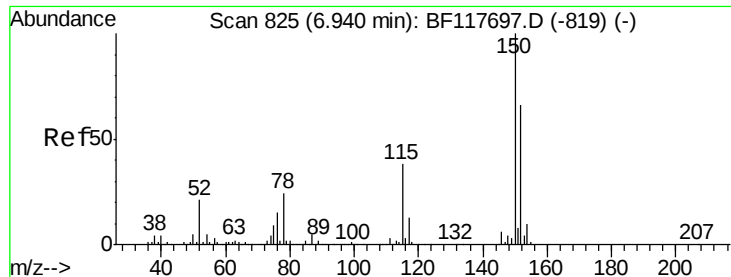
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 06 15:11:33 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 06 14:03:21 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.10  | 237  | 679443   | 61.600  | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.22  | 196  | 895457   | 64.955  | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.25  | 196  | 884949   | 63.813  | nq    | 98       |
| 46) 1,1'-Biphenyl              | 9.41  | 154  | 2911532  | 55.717  | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.43  | 162  | 2496297  | 59.826  | nq    | 96       |
| 48) 2-Nitroaniline             | 9.53  | 65   | 819057   | 65.294  | nq    | 96       |
| 49) Acenaphthylene             | 9.85  | 152  | 3569727  | 58.107  | nq    | 97       |
| 50) Dimethylphthalate          | 9.71  | 163  | 2901862  | 60.581  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.77  | 165  | 680551   | 65.329  | nq    | 99       |
| 52) Acenaphthene               | 10.03 | 154  | 2308811  | 59.564  | nq    | 99       |
| 53) 3-Nitroaniline             | 9.94  | 138  | 816403   | 64.388  | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 10.04 | 184  | 258412   | 76.621  | nq    | # 82     |
| 55) Dibenzofuran               | 10.20 | 168  | 3229557  | 59.194  | nq    | 97       |
| 56) 4-Nitrophenol              | 10.09 | 139  | 617357   | 65.705  | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.17 | 165  | 888532   | 67.922  | nq    | 97       |
| 58) Fluorene                   | 10.54 | 166  | 2343916  | 57.950  | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.31 | 232  | 743005   | 66.575  | nq    | 99       |
| 60) Diethylphthalate           | 10.41 | 149  | 2859949  | 60.856  | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.53 | 204  | 1239734  | 59.262  | nq    | 96       |
| 62) 4-Nitroaniline             | 10.56 | 138  | 813907   | 65.887  | nq    | 97       |
| 63) Azobenzene                 | 10.69 | 77   | 2682684  | 59.439  | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.58 | 198  | 357724   | 72.441  | nq    | 97       |
| 66) n-Nitrosodiphenylamine     | 10.65 | 169  | 2275228  | 57.195  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 11.02 | 248  | 864482   | 59.592  | nq    | 94       |
| 68) Hexachlorobenzene          | 11.09 | 284  | 992703   | 59.000  | nq    | 96       |
| 69) Atrazine                   | 11.17 | 200  | 772592   | 93.979  | nq    | 99       |
| 70) Pentachlorophenol          | 11.27 | 266  | 572552   | 67.162  | nq    | 98       |
| 71) Phenanthrene               | 11.50 | 178  | 3580764  | 55.673  | nq    | 99       |
| 72) Anthracene                 | 11.56 | 178  | 3569792  | 55.232  | nq    | 97       |
| 73) Carbazole                  | 11.71 | 167  | 3281715  | 55.537  | nq    | 98       |
| 74) Di-n-butylphthalate        | 12.04 | 149  | 3975385  | 56.050  | nq    | # 97     |
| 75) Fluoranthene               | 12.70 | 202  | 3662798  | 55.856  | nq    | 98       |
| 77) Benzidine                  | 12.82 | 184  | 1753065  | 101.449 | nq    | 97       |
| 78) Pyrene                     | 12.93 | 202  | 3704211  | 59.938  | nq    | 97       |
| 80) Butylbenzylphthalate       | 13.55 | 149  | 1788751  | 63.687  | nq    | 96       |
| 81) Benzo(a)anthracene         | 14.12 | 228  | 3149408  | 60.784  | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 14.08 | 252  | 1188034  | 63.597  | nq    | 99       |
| 83) Chrysene                   | 14.16 | 228  | 3113308  | 61.078  | nq    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 14.10 | 149  | 2234236  | 62.154  | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.73 | 149  | 3520105  | 63.131  | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.18 | 276  | 3035388  | 63.495  | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 15.19 | 252  | 3170286  | 63.942  | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 15.23 | 252  | 2667041  | 58.137  | nq    | 97       |
| 90) Benzo(a)pyrene             | 15.57 | 252  | 2668514  | 61.260  | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 17.20 | 278  | 2474753  | 63.823  | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.65 | 276  | 2434770  | 64.250  | nq    | 100      |

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



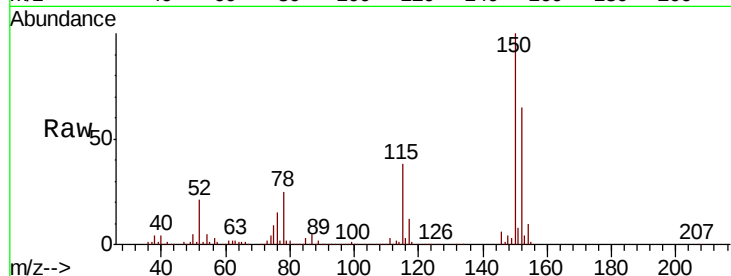


#1

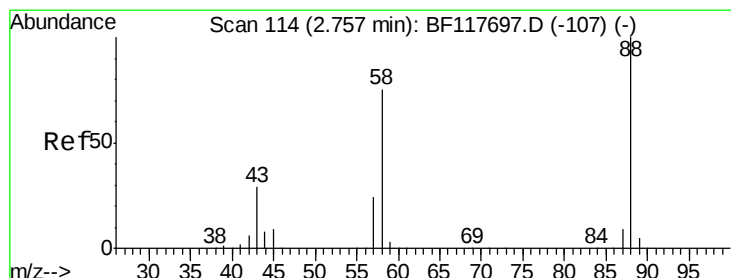
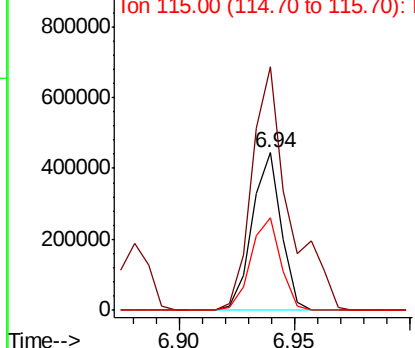
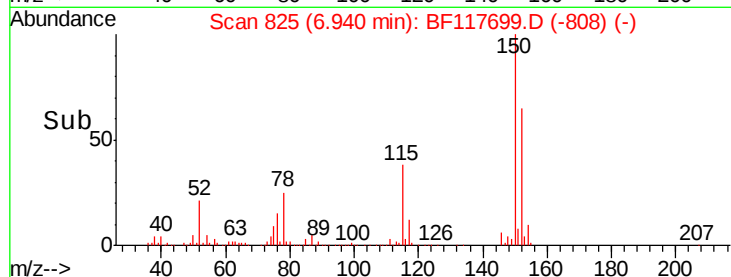
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.94 min Scan# 825  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:152 Resp: 389720  
Ion Ratio Lower Upper  
152 100  
150 154.8 121.4 182.2  
115 59.0 46.7 70.1



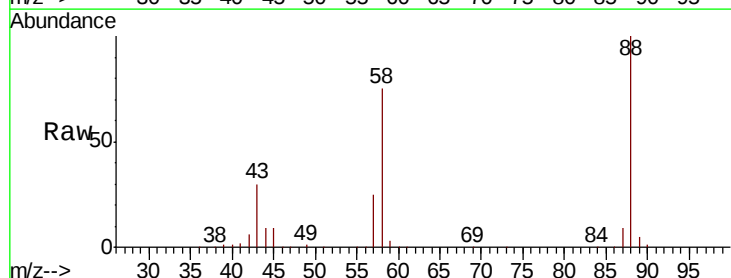
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



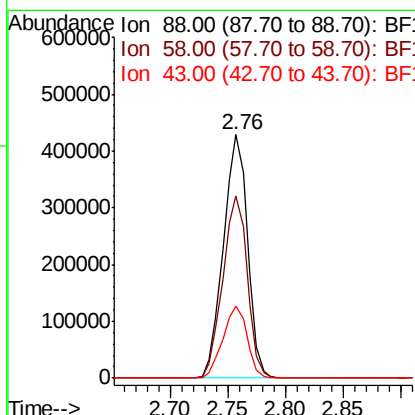
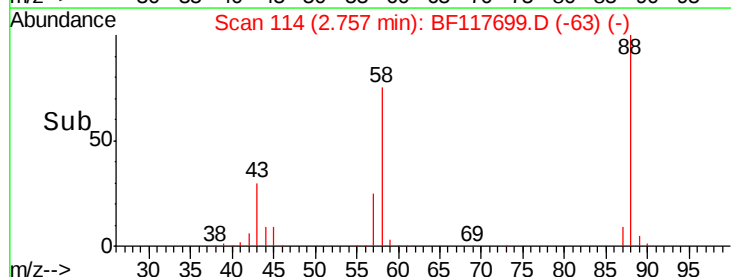
#2

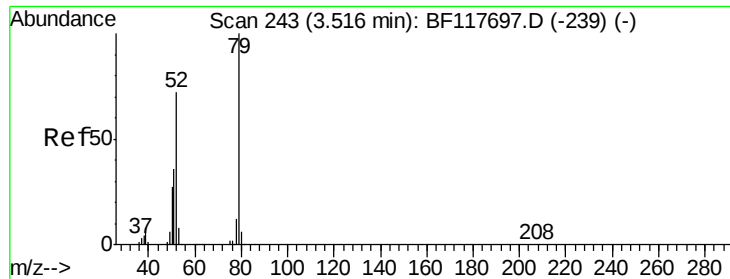
1,4-Dioxane  
Concen: 56.631 ng  
RT: 2.76 min Scan# 114  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion: 88 Resp: 622943  
Ion Ratio Lower Upper  
88 100  
58 75.5 60.1 90.1  
43 29.7 24.0 36.0



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





#3

Pvridine

Concen: 57.671 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

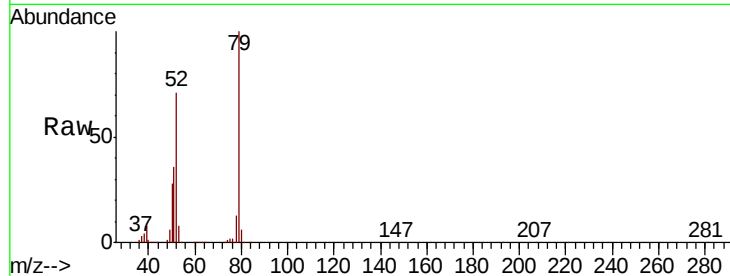
Instrument :

BNA\_F

ClientSampled :

Tot Ion: 79 Resp: 1712369

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 70.6  | 57.2  | 85.8  |
| 51  | 35.5  | 28.6  | 42.8  |

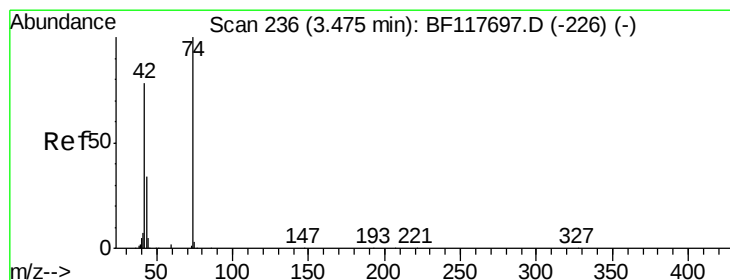
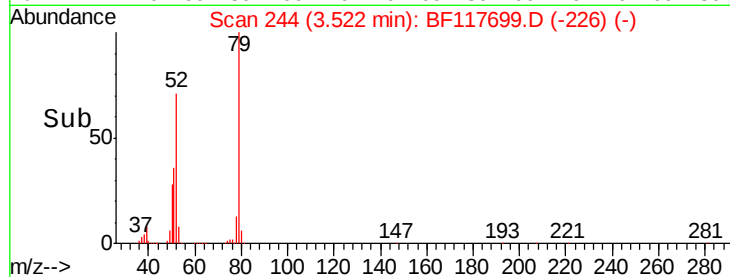
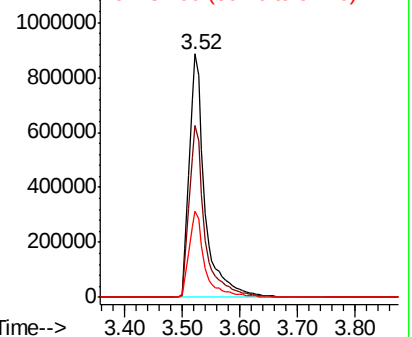


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 56.418 ng

RT: 3.49 min Scan# 239

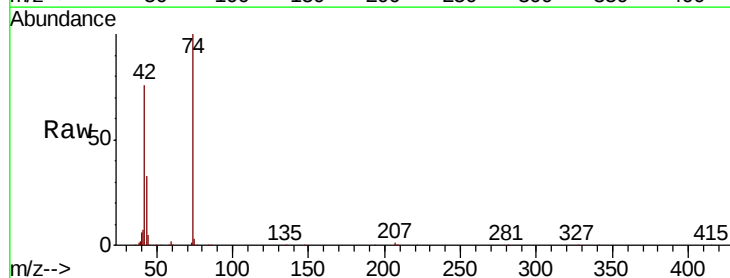
Delta R.T. 0.02 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Tgt Ion: 42 Resp: 758683

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 131.6 | 103.1 | 154.7 |
| 44  | 6.8   | 5.0   | 7.6   |

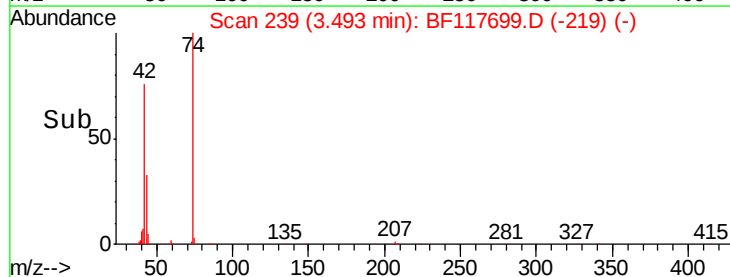
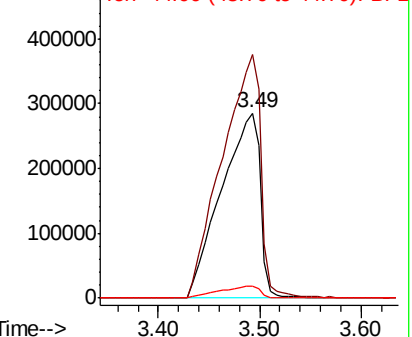


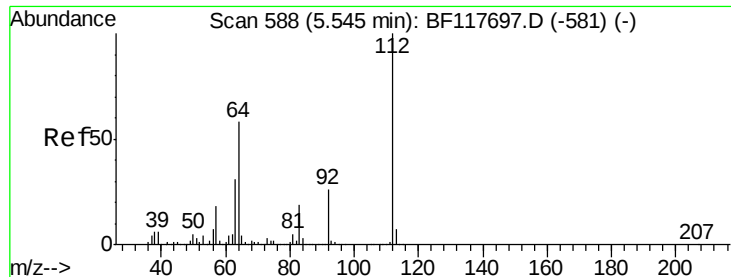
Abundance

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: 101.602 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampled :

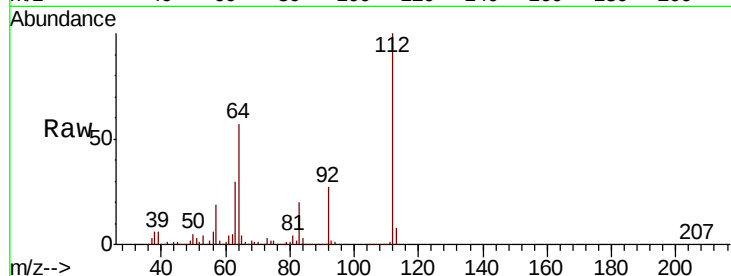
Tot Ion:112 Resp: 2399089

Ion Ratio Lower Upper

112 100

64 56.8 46.4 69.6

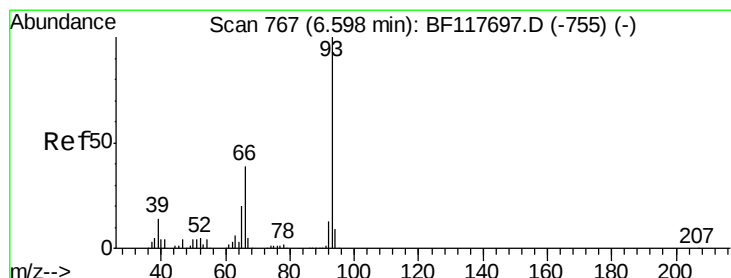
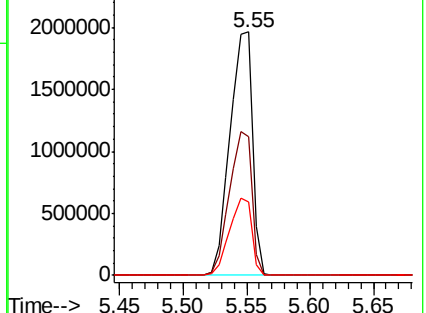
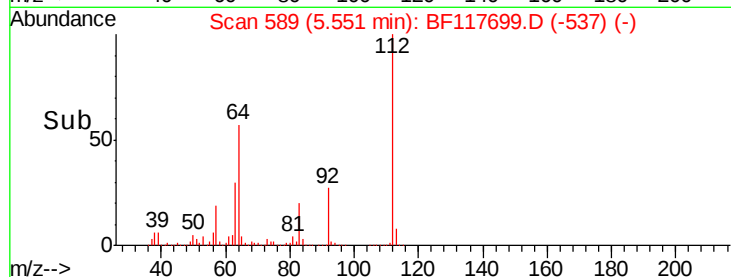
63 30.3 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 54.838 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

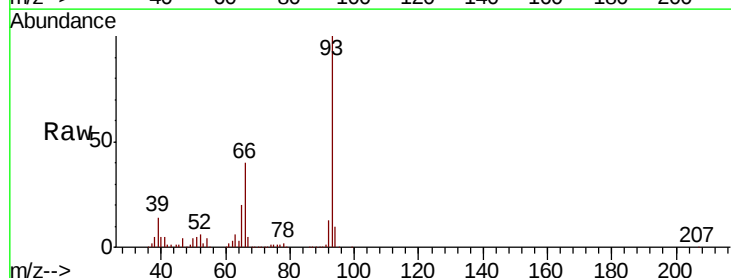
Tgt Ion: 93 Resp: 2169627

Ion Ratio Lower Upper

93 100

66 39.9 31.7 47.5

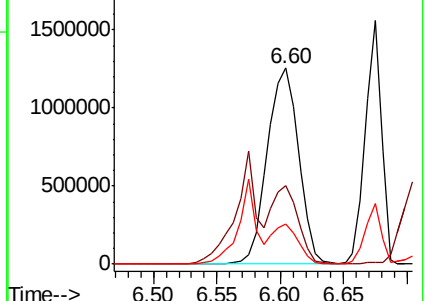
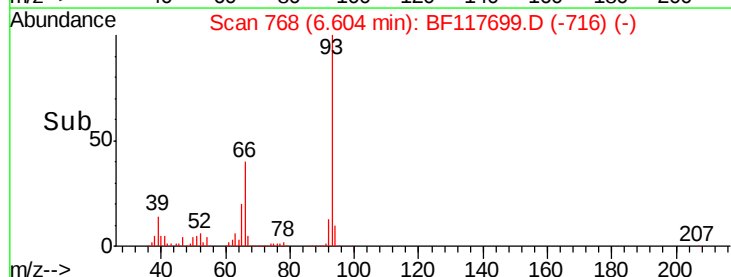
65 20.3 15.8 23.8

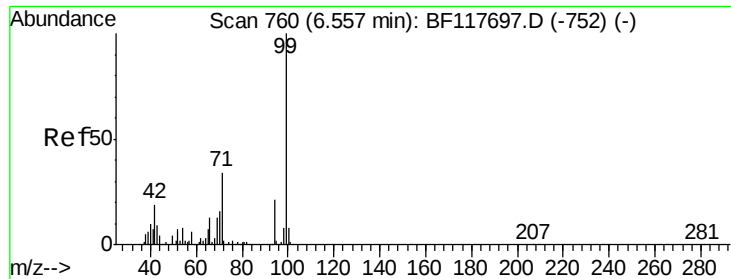


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.833 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

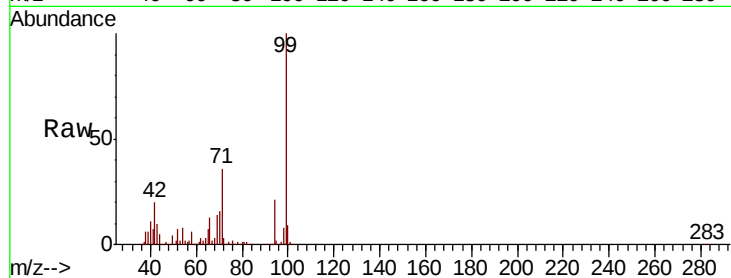
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 99 Resp: 2969008

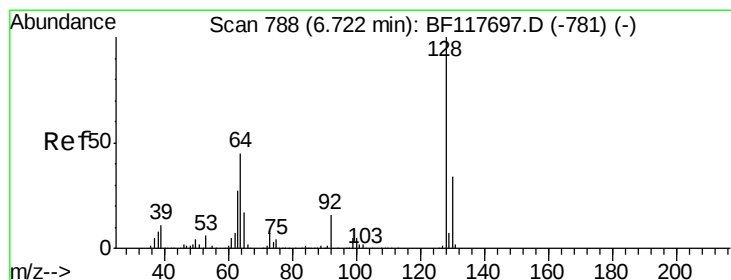
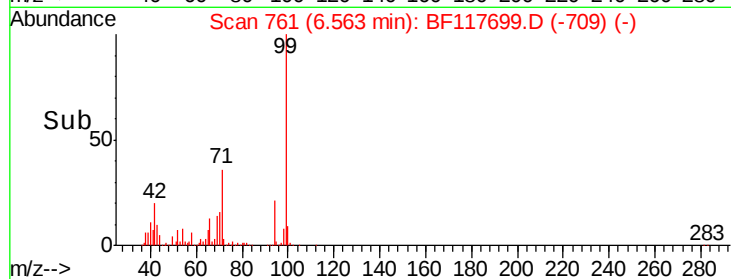
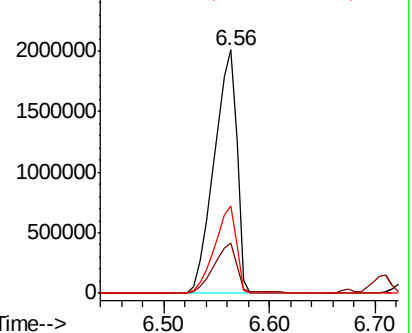
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.5  | 15.3  | 22.9  |
| 71  | 35.9  | 26.8  | 40.2  |



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: 55.751 ng

RT: 6.73 min Scan# 789

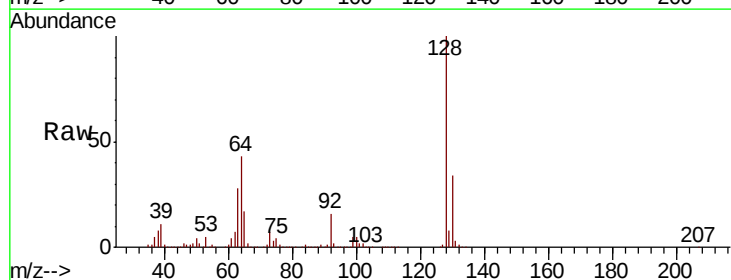
Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Tgt Ion:128 Resp: 1350487

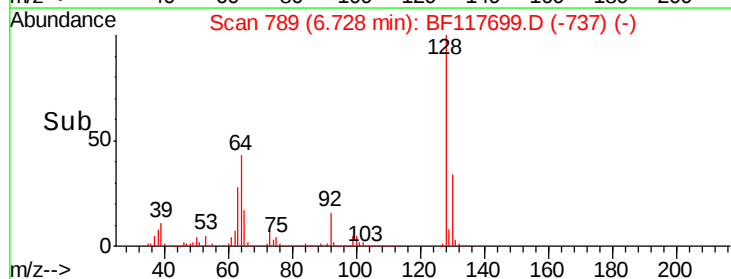
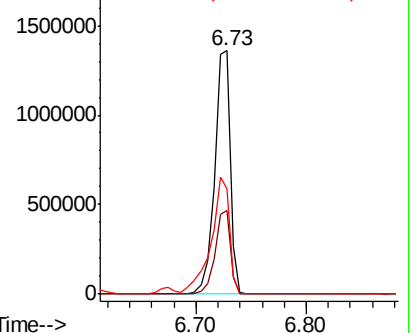
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 34.1  | 13.6  | 53.6  |
| 64  | 43.2  | 25.2  | 65.2  |

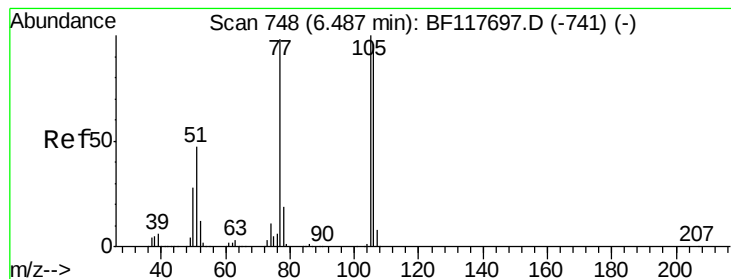


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 67.626 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampled :

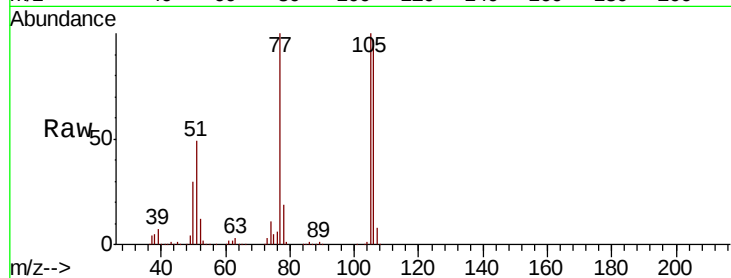
Tot Ion: 77 Resp: 1037491

Ion Ratio Lower Upper

77 100

105 99.8 82.3 122.3

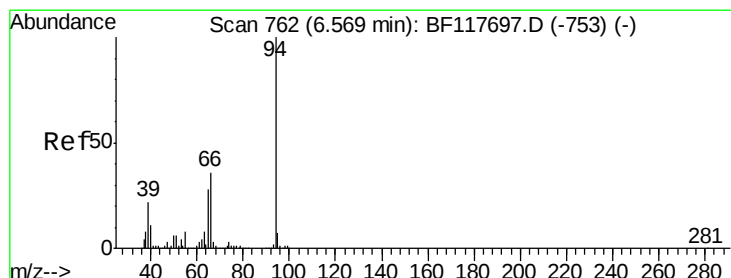
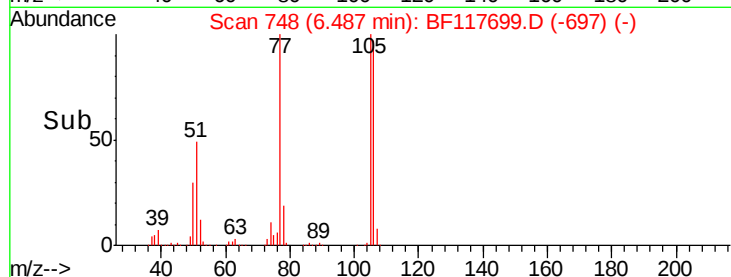
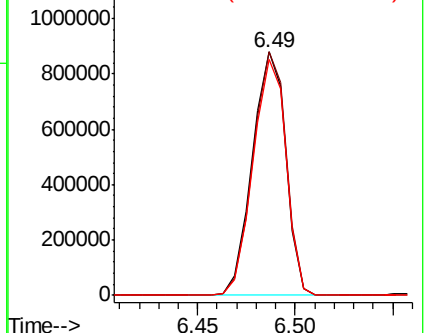
106 97.1 78.0 118.0



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: 55.530 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

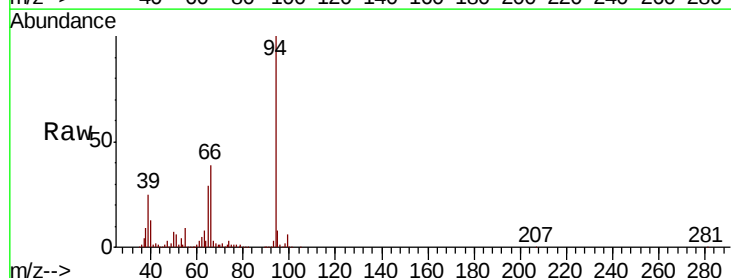
Tgt Ion: 94 Resp: 1616848

Ion Ratio Lower Upper

94 100

65 29.5 7.6 47.6

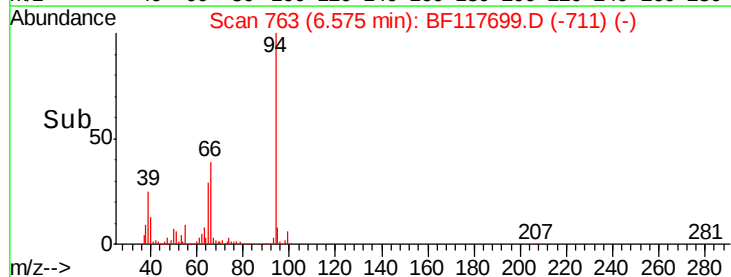
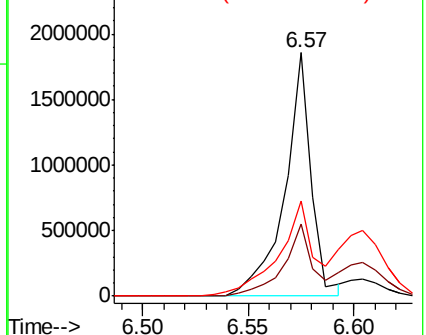
66 38.9 16.1 56.1

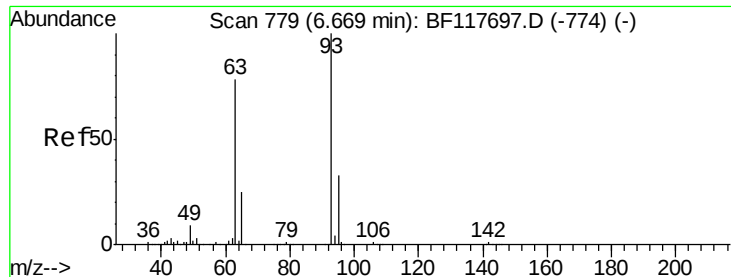


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

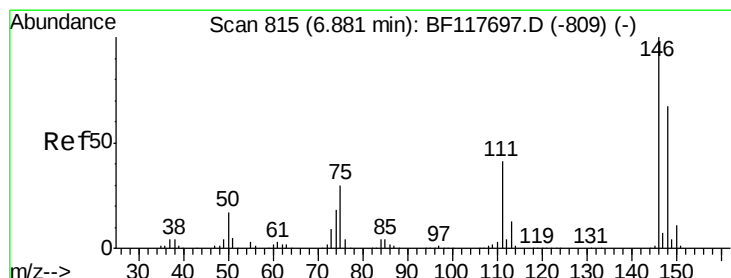
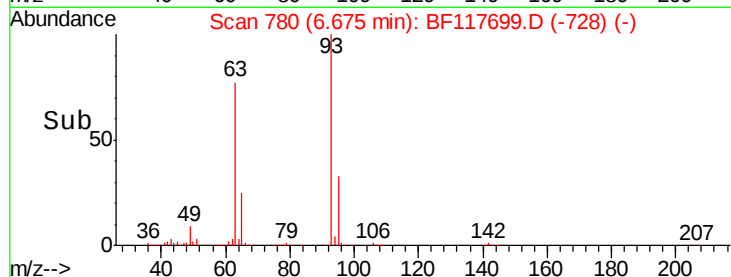
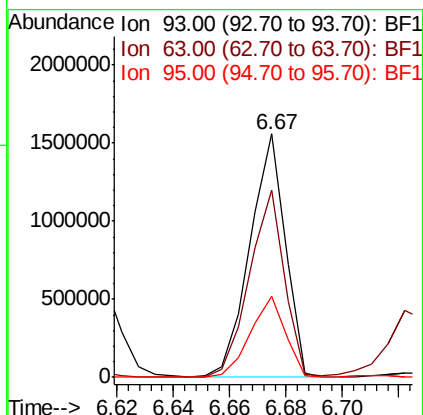
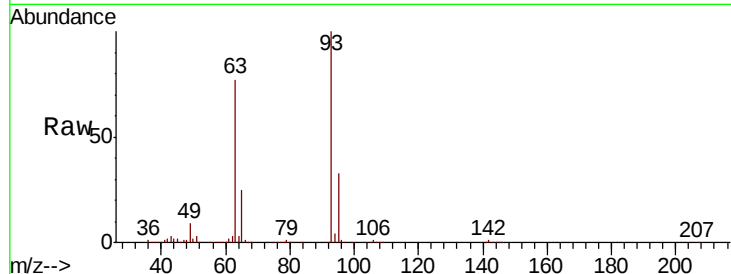




#11  
bis(2-Chloroethyl)ether  
Concen: 56.405 ng  
RT: 6.67 min Scan# 780  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

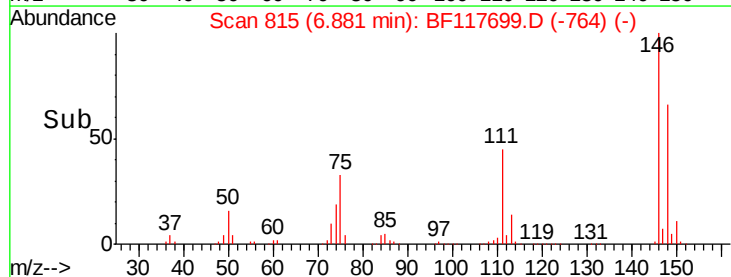
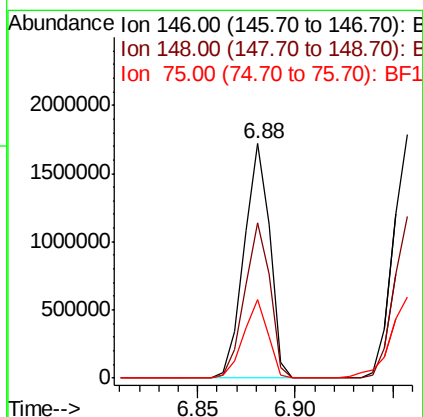
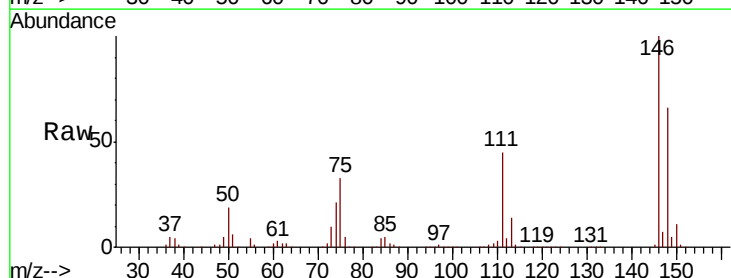
Instrument :  
BNA\_F  
ClientSampleId :

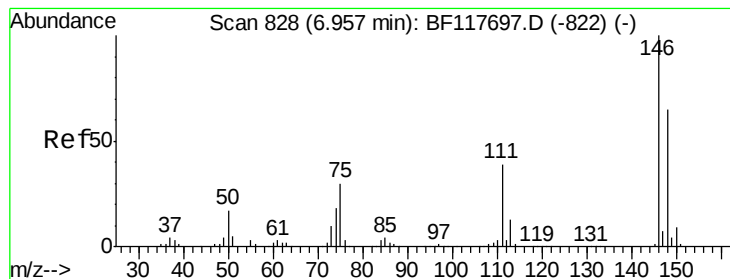
Tot Ion: 93 Resp: 1348066  
Ion Ratio Lower Upper  
93 100  
63 76.9 57.6 97.6  
95 33.5 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 55.821 ng  
RT: 6.88 min Scan# 815  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion:146 Resp: 1561057  
Ion Ratio Lower Upper  
146 100  
148 66.1 53.4 80.2  
75 33.4 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 55.536 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

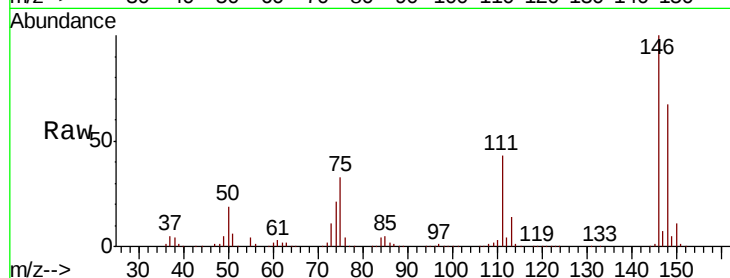
Tot Ion:146 Resp: 1559742

Ion Ratio Lower Upper

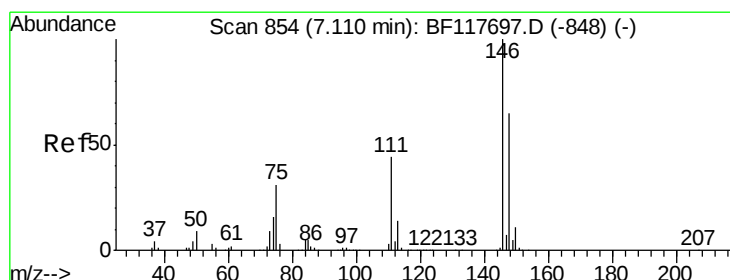
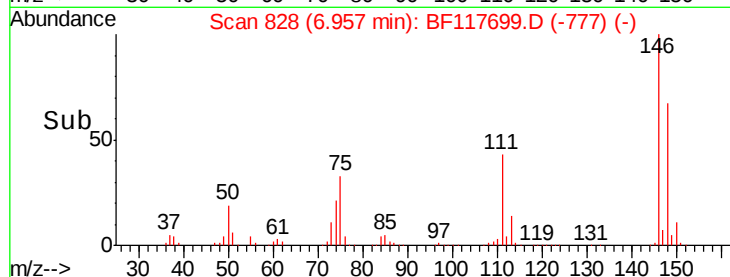
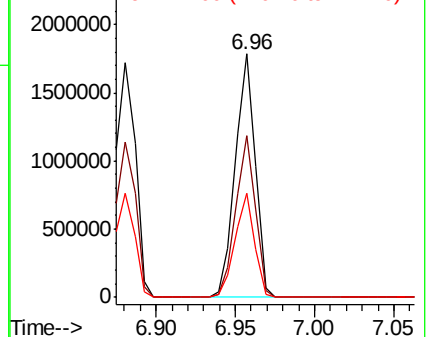
146 100

148 66.6 51.9 77.9

111 42.9 31.6 47.4



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



#14

1,2-Dichlorobenzene

Concen: 55.124 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

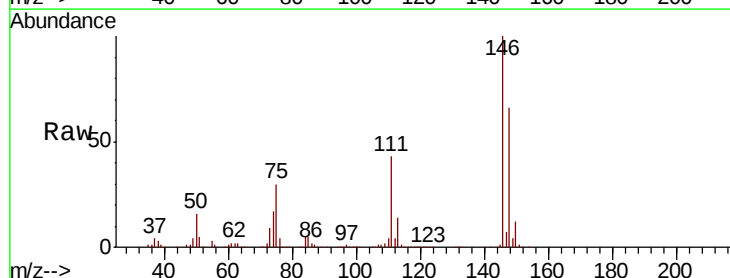
Tgt Ion:146 Resp: 1418289

Ion Ratio Lower Upper

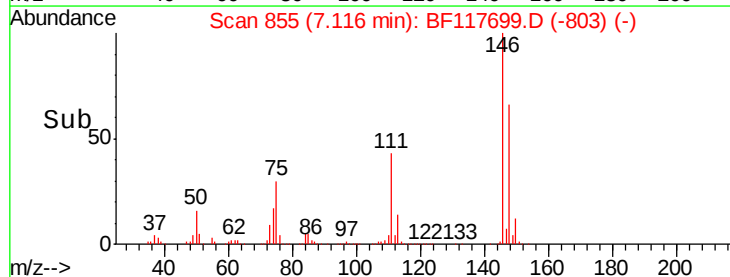
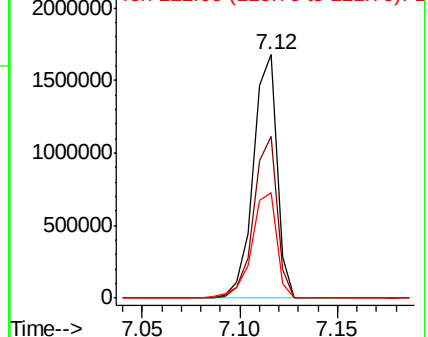
146 100

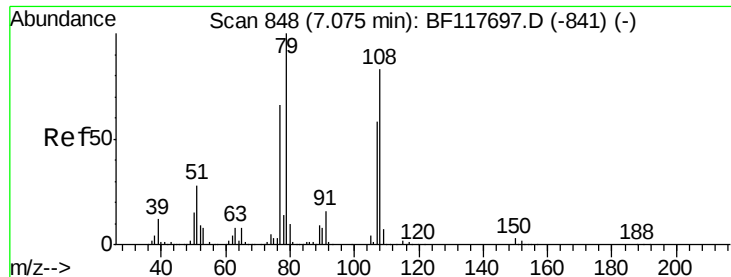
148 66.3 52.1 78.1

111 43.1 35.1 52.7



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





#15

Benzyl Alcohol

Concen: 56.790 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

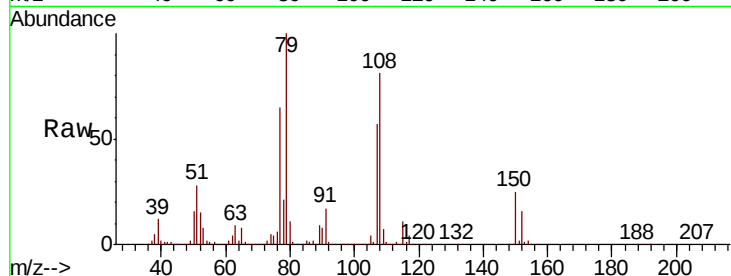
Tot Ion: 79 Resp: 1214949

Ion Ratio Lower Upper

79 100

108 81.2 66.5 99.7

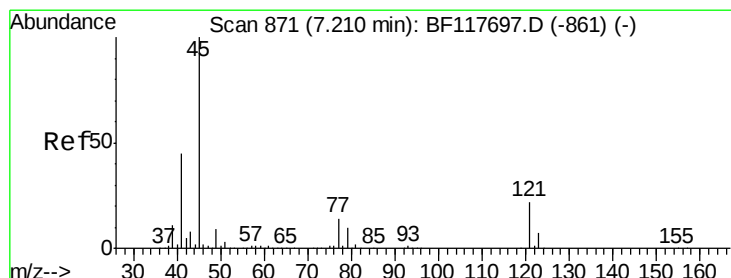
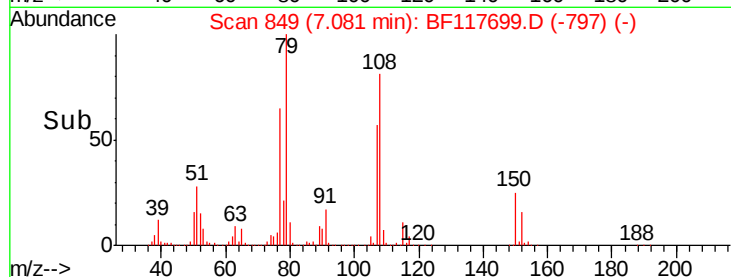
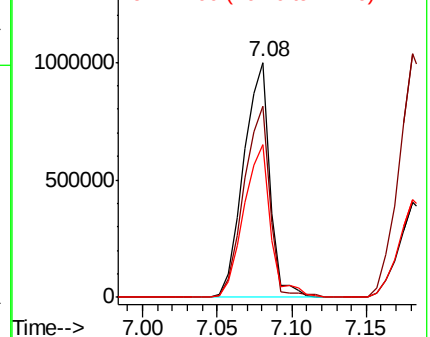
77 64.8 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.958 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

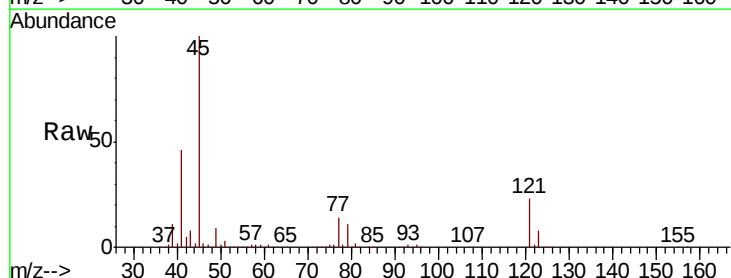
Tgt Ion: 45 Resp: 2128011

Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.8

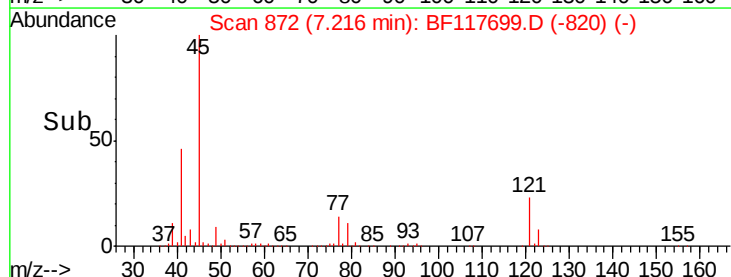
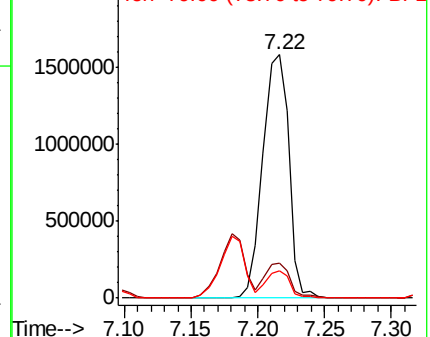
79 11.3 0.0 30.5

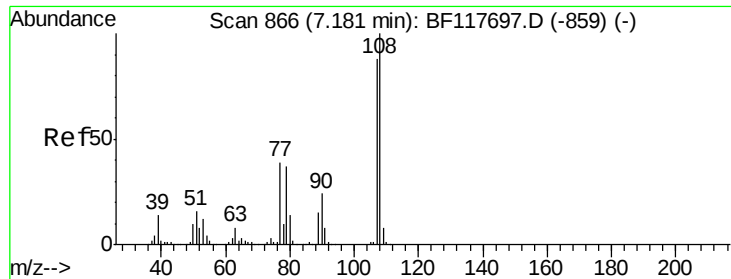


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

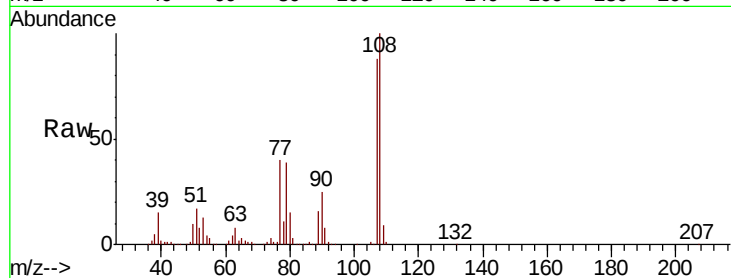




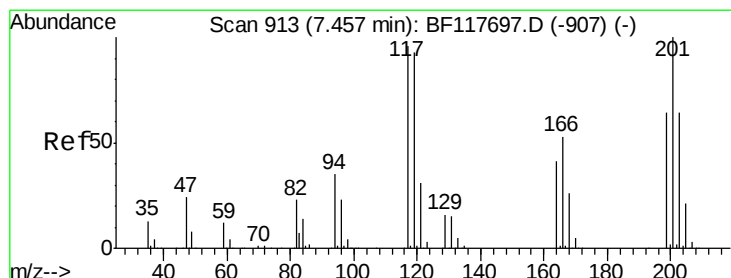
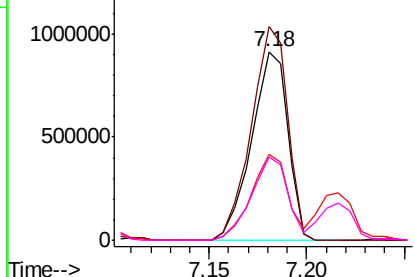
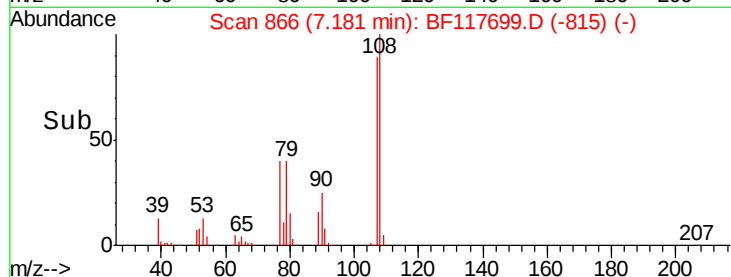
#17  
2-Methylphenol  
Concen: 56.408 ng  
RT: 7.18 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:107 Resp: 1179432  
Ion Ratio Lower Upper  
107 100  
108 113.4 91.1 136.7  
77 45.6 35.8 53.8  
79 44.4 34.1 51.1

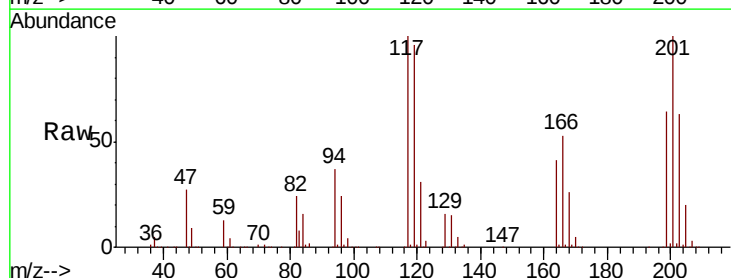


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

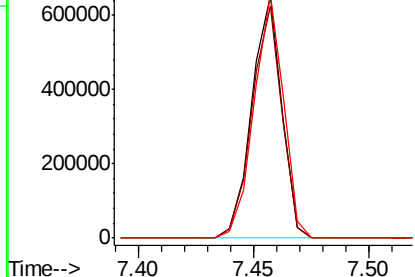
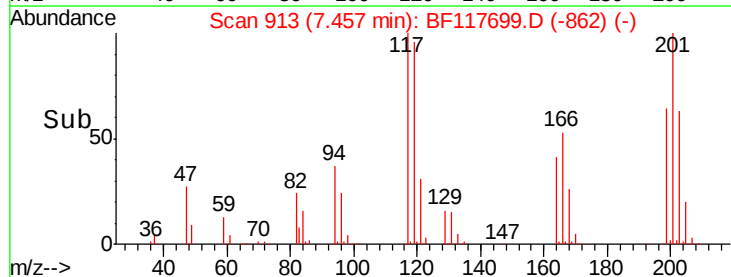


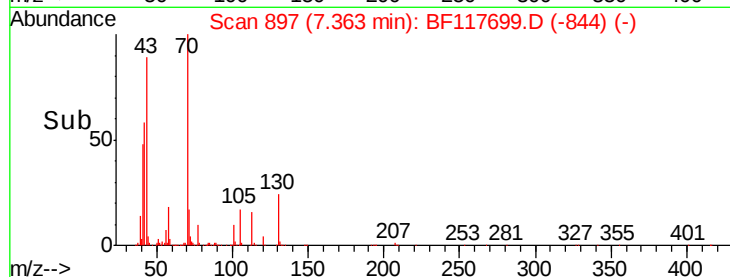
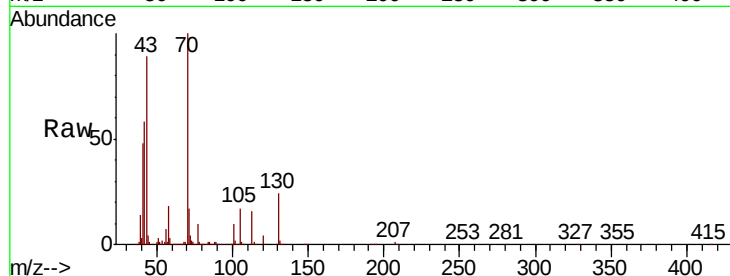
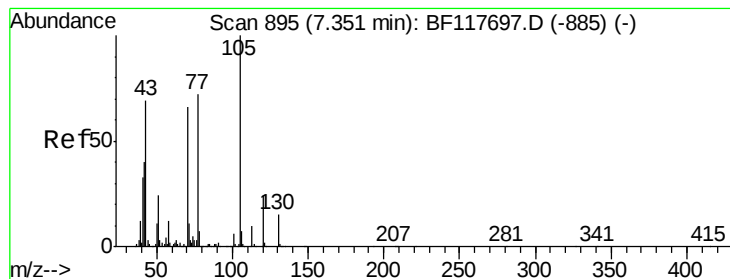
#18  
Hexachloroethane  
Concen: 56.547 ng  
RT: 7.46 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion:117 Resp: 588293  
Ion Ratio Lower Upper  
117 100  
119 96.0 77.7 116.5  
201 100.5 83.2 124.8



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 55.343 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 70 Resp: 981796

Ion Ratio Lower Upper

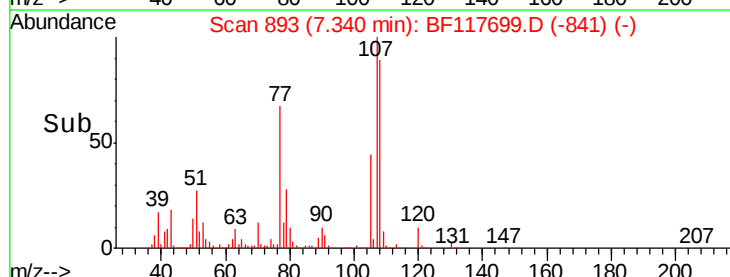
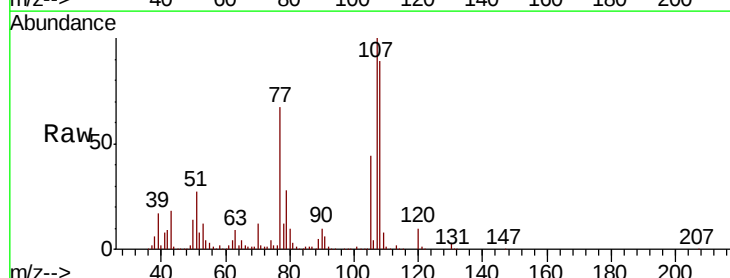
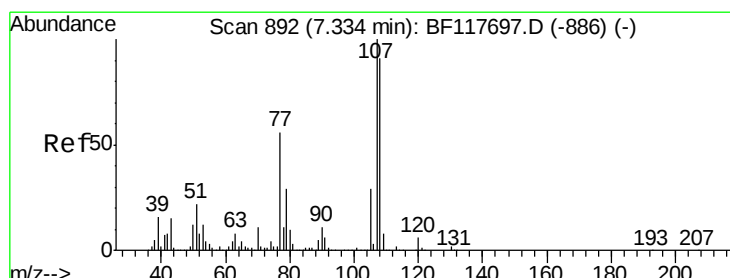
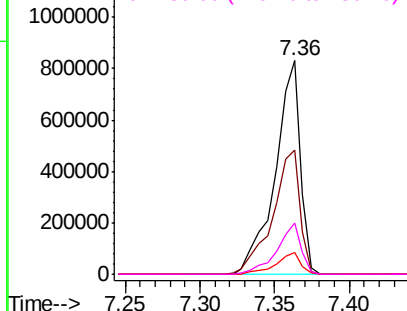
70 100

42 58.0 49.1 73.7

101 10.0 7.8 11.8

130 24.1 17.9 26.9

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: 54.796 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Tgt Ion:107 Resp: 1351564

Ion Ratio Lower Upper

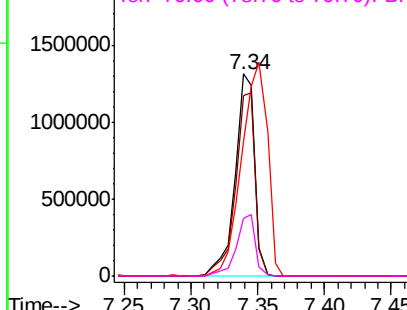
107 100

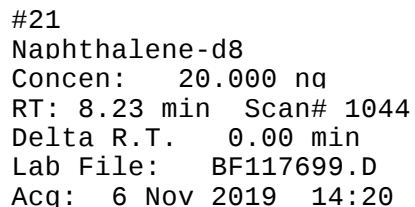
108 89.3 70.5 110.5

77 66.5 35.6 75.6

79 28.3 8.7 48.7

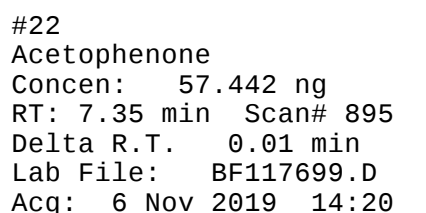
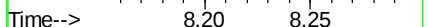
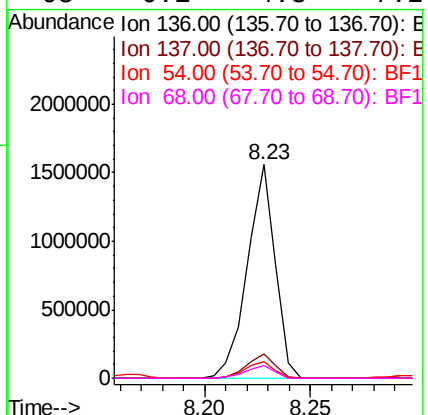
Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1



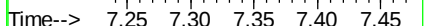
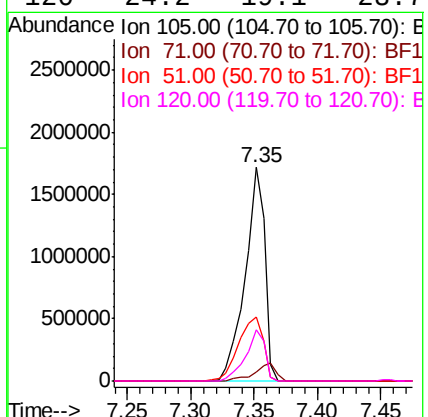


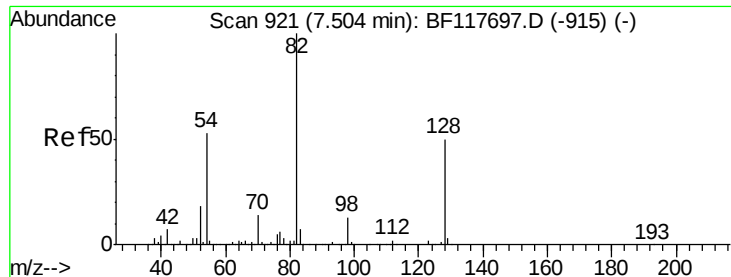
**Instrument :**  
BNA\_F  
**ClientSampleId :**

|     |         |       |         |
|-----|---------|-------|---------|
| Tot | Ion:136 | Resp: | 1427537 |
| Ion | Ratio   | Lower | Upper   |
| 136 | 100     |       |         |
| 137 | 11.4    | 8.8   | 13.2    |
| 54  | 8.1     | 6.0   | 9.0     |
| 68  | 6.1     | 4.8   | 7.2     |



|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:105 | Resp: | 1846857 |
| Ion | Ratio   | Lower | Upper   |
| 105 | 100     |       |         |
| 71  | 4.1     | 3.9   | 5.9     |
| 51  | 29.9    | 23.0  | 34.4    |
| 120 | 24.2    | 19.1  | 28.7    |

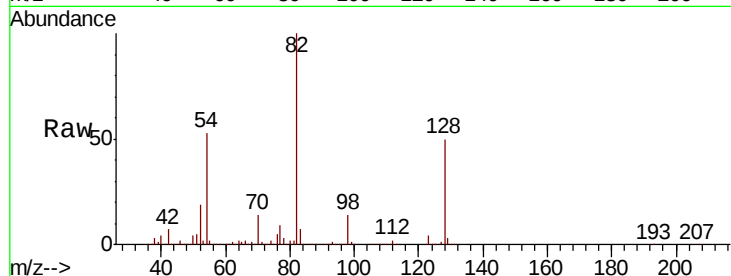




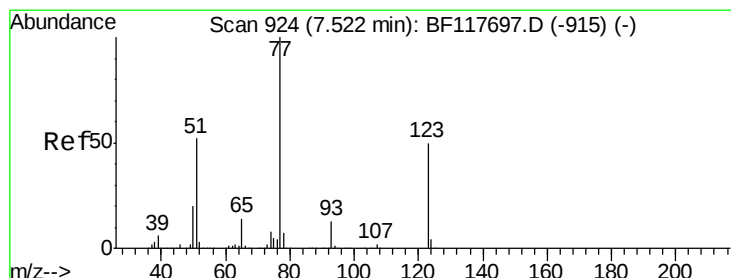
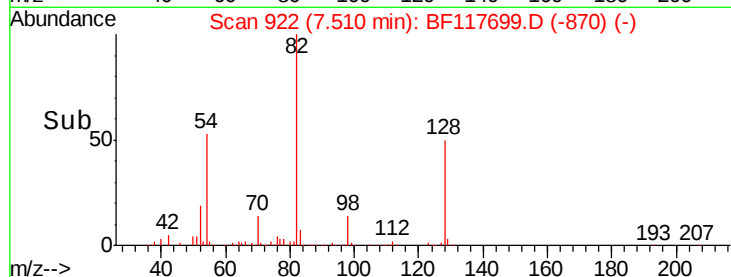
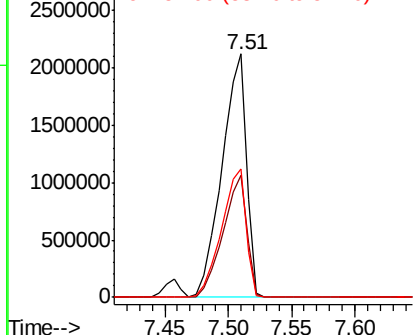
#23  
 Nitrobenzene-d5  
 Concen: 122.026 ng  
 RT: 7.51 min Scan# 922  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion: 82 Resp: 2827616  
 Ion Ratio Lower Upper  
 82 100  
 128 49.9 40.2 60.2  
 54 53.0 42.0 63.0

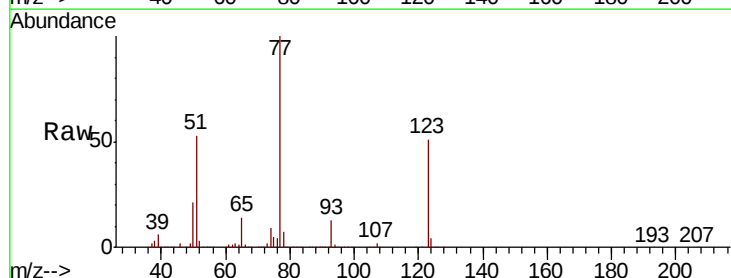


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

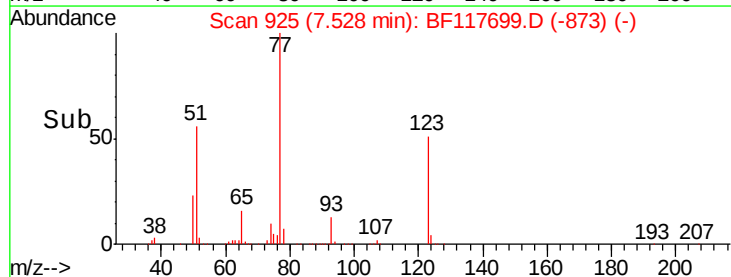
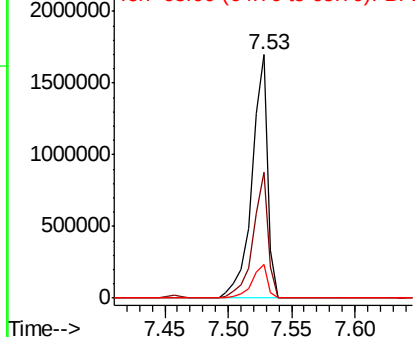


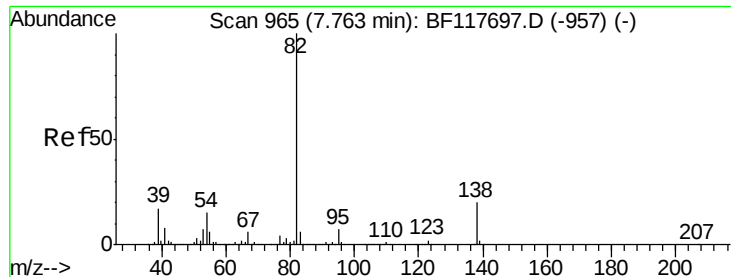
#24  
 Nitrobenzene  
 Concen: 61.588 ng  
 RT: 7.53 min Scan# 925  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Tgt Ion: 77 Resp: 1469077  
 Ion Ratio Lower Upper  
 77 100  
 123 51.5 40.4 60.6  
 65 14.0 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1  
 Ion 123.00 (122.70 to 123.70): BF1  
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 60.678 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

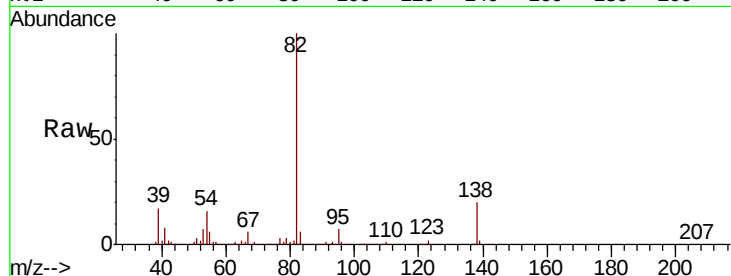
Tot Ion: 82 Resp: 2695540

Ion Ratio Lower Upper

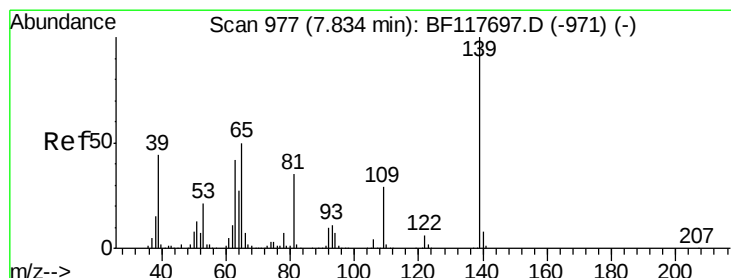
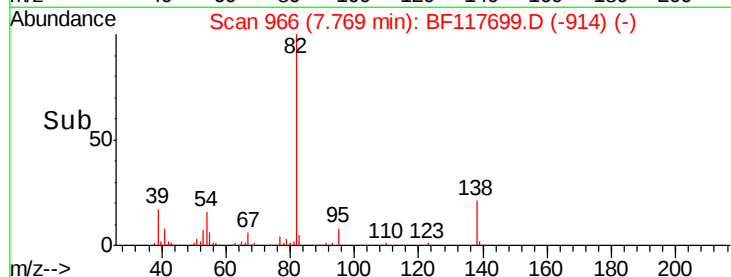
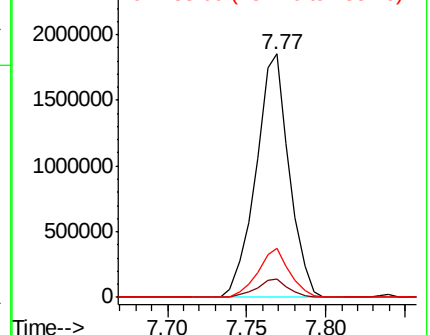
82 100

95 7.4 5.8 8.6

138 20.3 16.2 24.2



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: 68.502 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

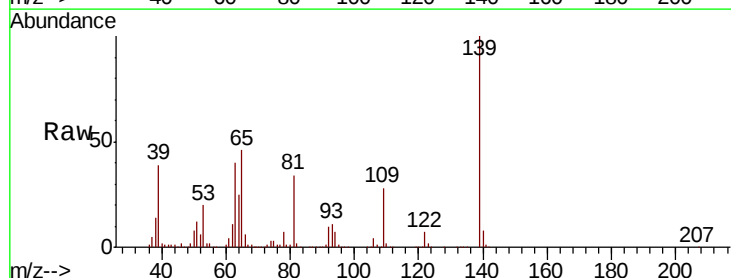
Tgt Ion: 139 Resp: 718934

Ion Ratio Lower Upper

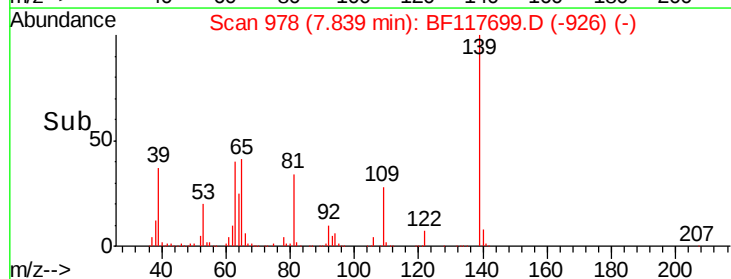
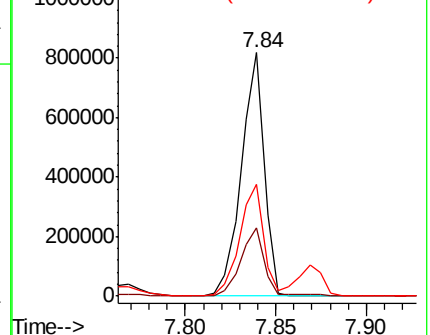
139 100

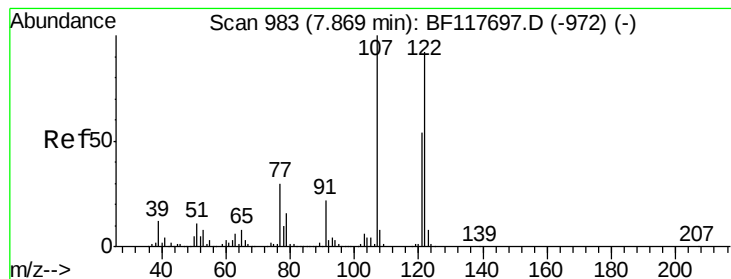
109 28.0 22.8 34.2

65 45.9 40.2 60.4



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: 60.695 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampled :

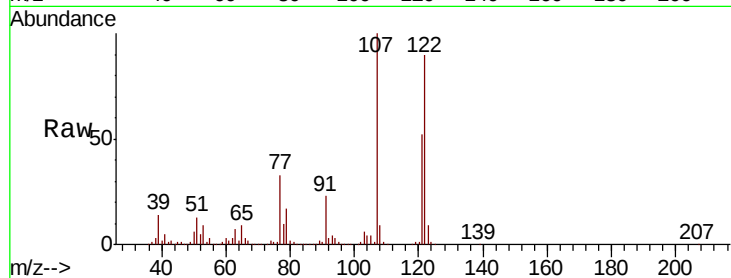
Tot Ion:122 Resp: 1152528

Ion Ratio Lower Upper

122 100

107 111.1 87.1 130.7

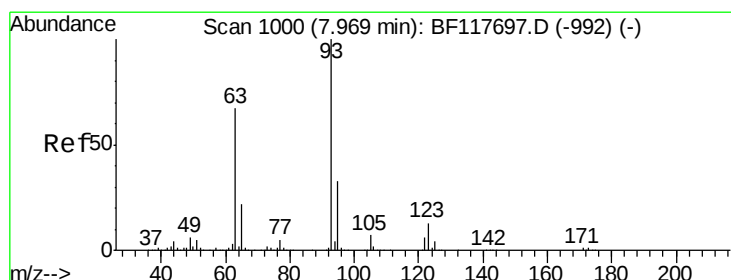
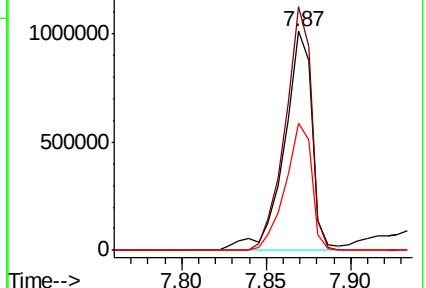
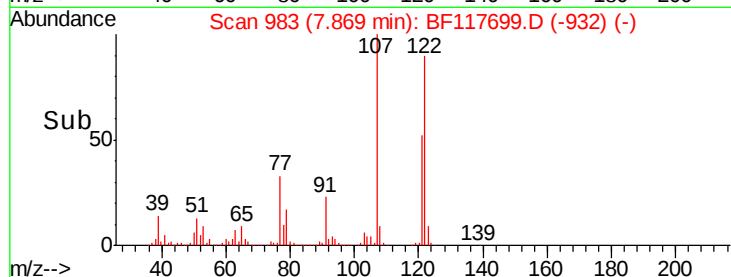
121 57.8 46.9 70.3



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: 61.068 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

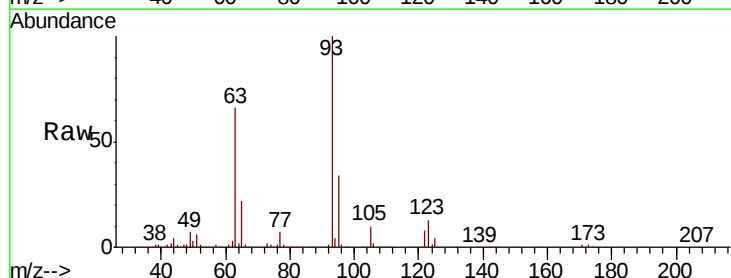
Tgt Ion: 93 Resp: 1712950

Ion Ratio Lower Upper

93 100

95 33.8 26.8 40.2

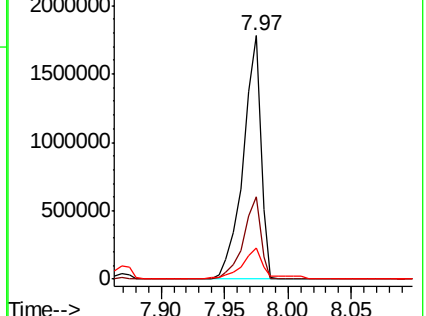
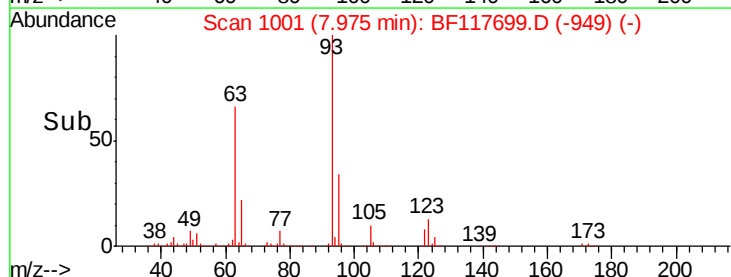
123 13.0 10.4 15.6

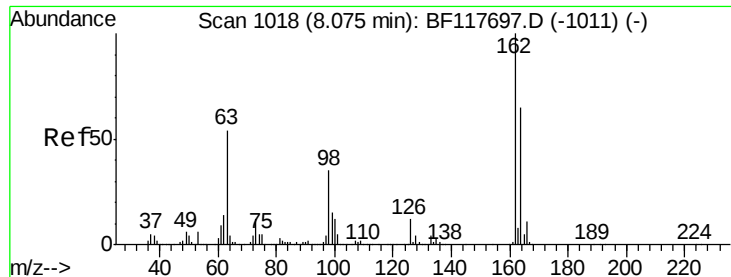


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

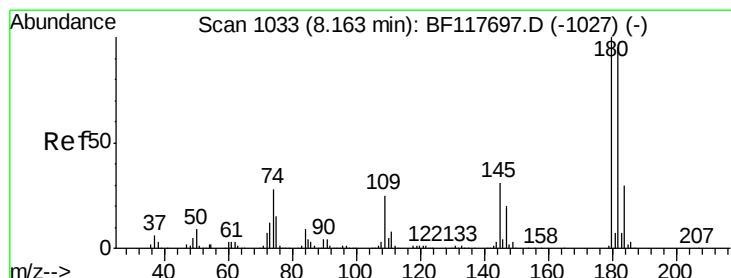
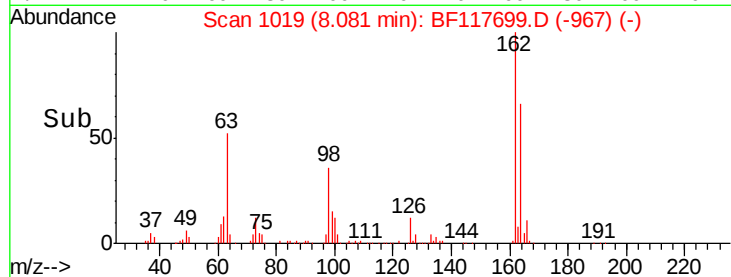
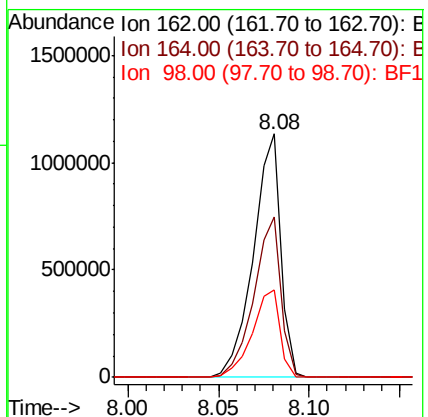
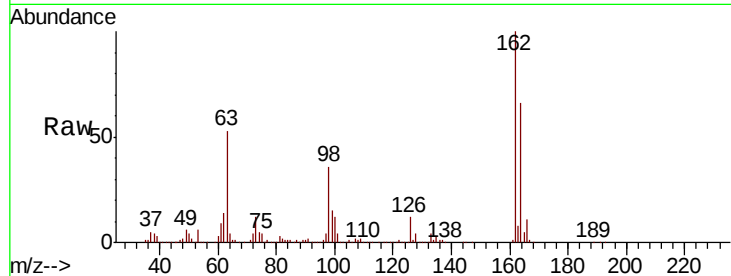




#29  
2,4-Dichlorophenol  
Concen: 62.354 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

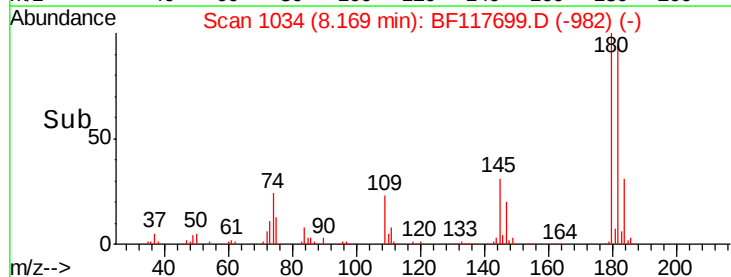
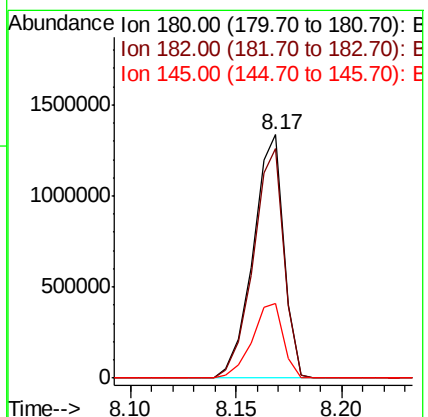
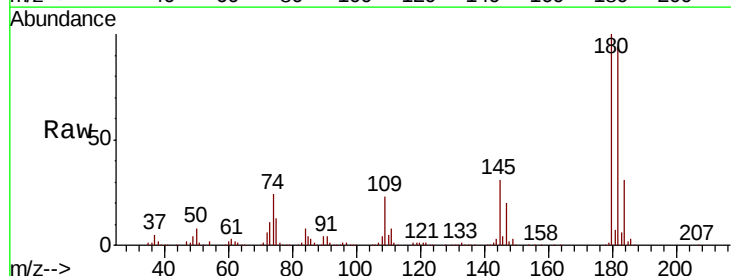
Instrument :  
BNA\_F  
ClientSampled :

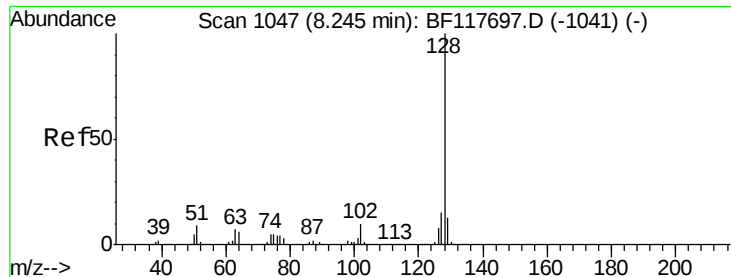
Tot Ion:162 Resp: 1192259  
Ion Ratio Lower Upper  
162 100  
164 65.7 45.4 85.4  
98 36.0 15.5 55.5



#30  
1,2,4-Trichlorobenzene  
Concen: 61.683 ng  
RT: 8.17 min Scan# 1034  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion:180 Resp: 1351817  
Ion Ratio Lower Upper  
180 100  
182 94.4 76.0 114.0  
145 30.6 25.0 37.4

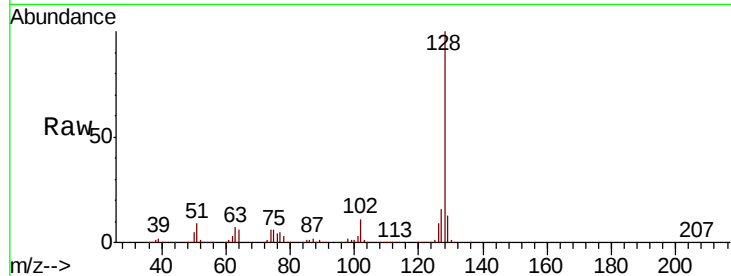




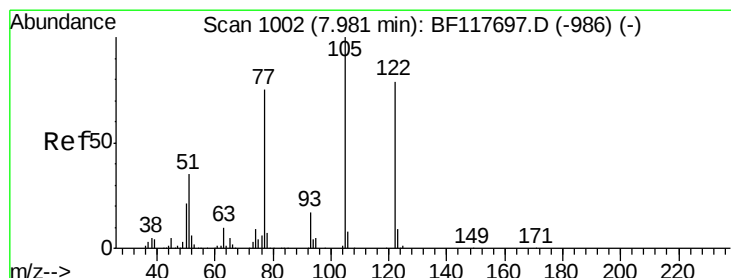
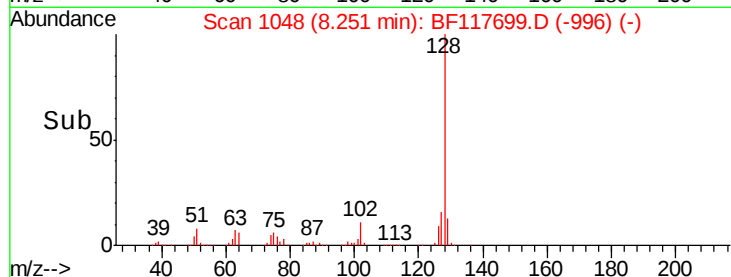
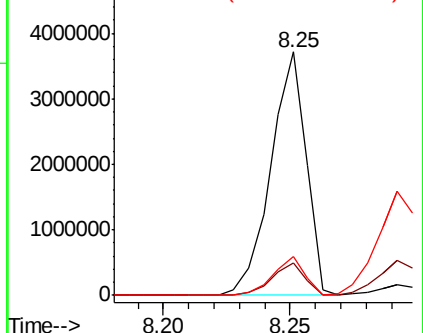
#31  
Naphthalene  
Concen: 58.530 ng  
RT: 8.25 min Scan# 1048  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:128 Resp: 3632781  
Ion Ratio Lower Upper  
128 100  
129 13.2 10.1 15.1  
127 15.8 11.8 17.6

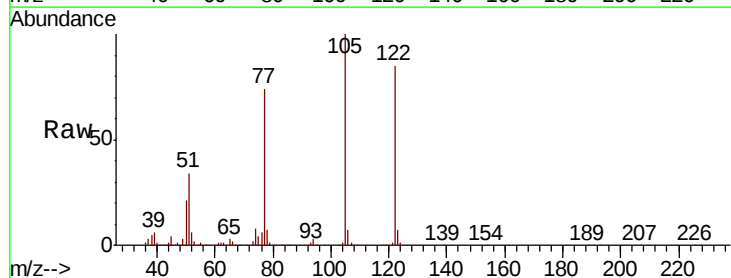


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

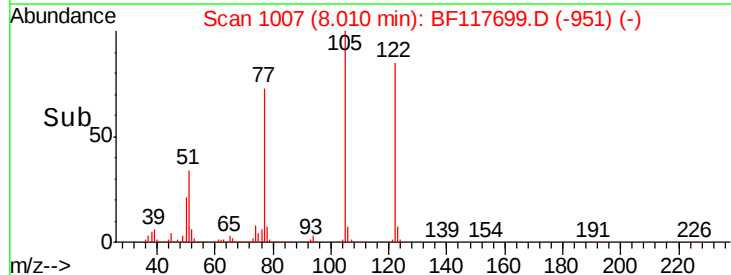
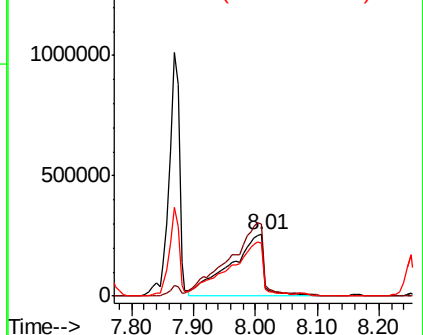


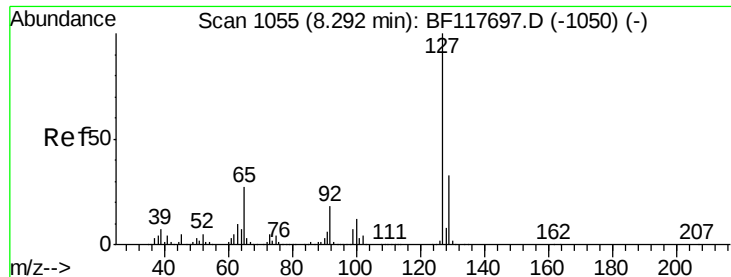
#32  
Benzoic acid  
Concen: 69.509 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. 0.03 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion:122 Resp: 983731  
Ion Ratio Lower Upper  
122 100  
105 117.8 102.8 142.8  
77 86.7 73.2 113.2



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

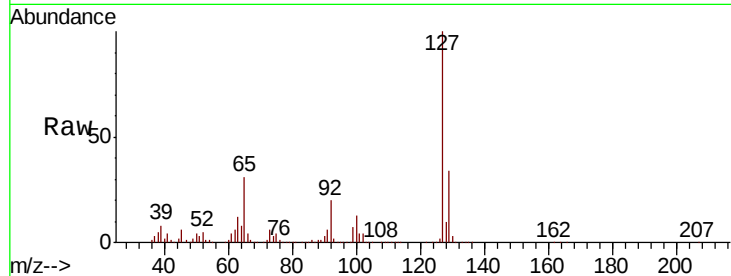




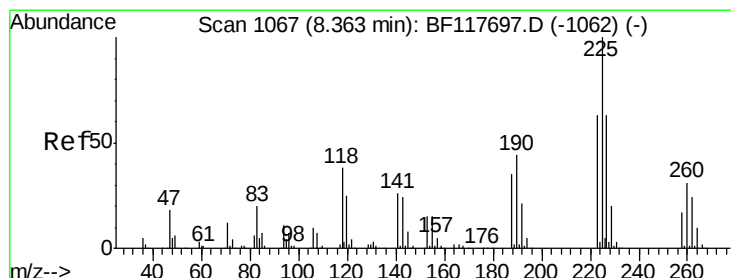
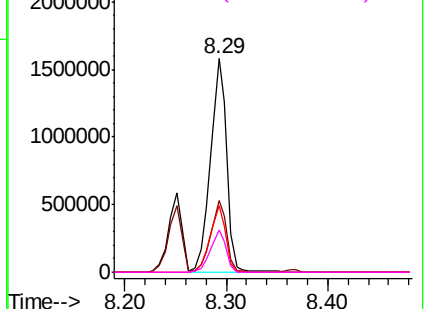
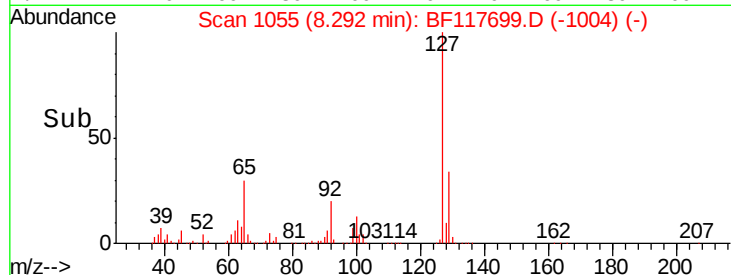
#33  
4-Chloroaniline  
Concen: 59.967 ng  
RT: 8.29 min Scan# 1055  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampled :

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 127   | Resp: | 1756588 |
| Ion      | Ratio | Lower | Upper   |
| 127      | 100   |       |         |
| 129      | 33.9  | 26.6  | 39.8    |
| 65       | 31.0  | 21.7  | 32.5    |
| 92       | 19.6  | 14.1  | 21.1    |

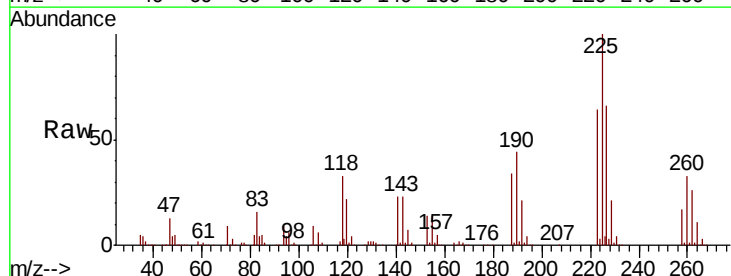


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

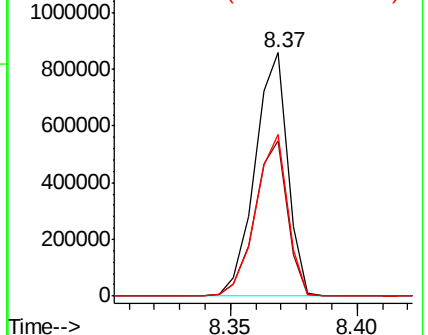
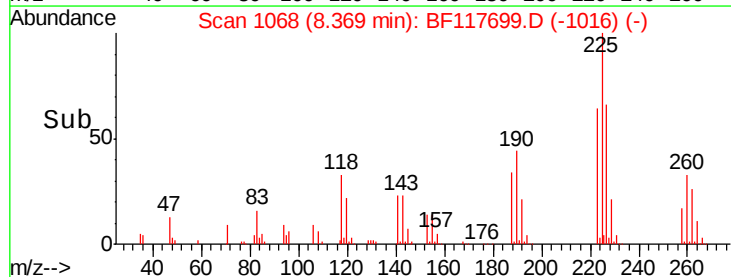


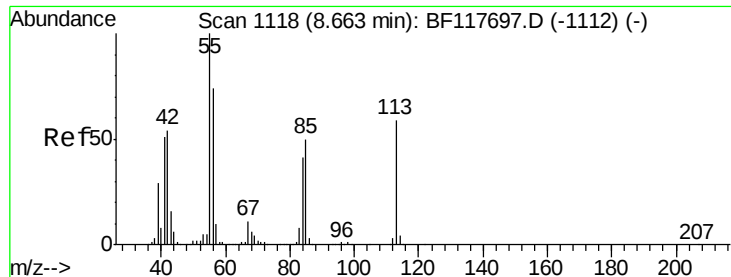
#34  
Hexachlorobutadiene  
Concen: 61.530 ng  
RT: 8.37 min Scan# 1068  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 771827 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 50.1  | 75.1   |
| 227      | 66.5  | 50.2  | 75.4   |



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

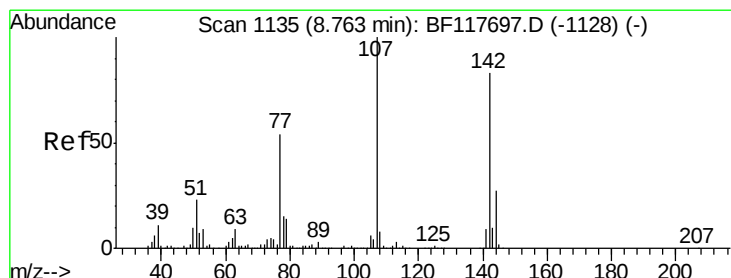
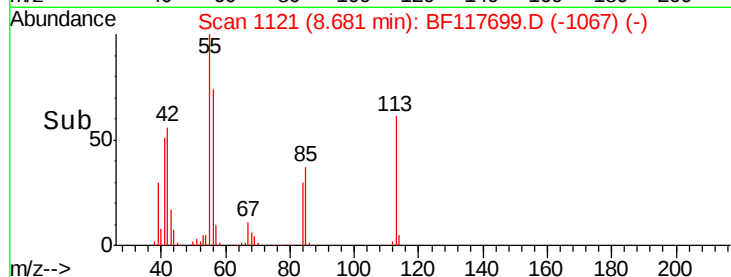
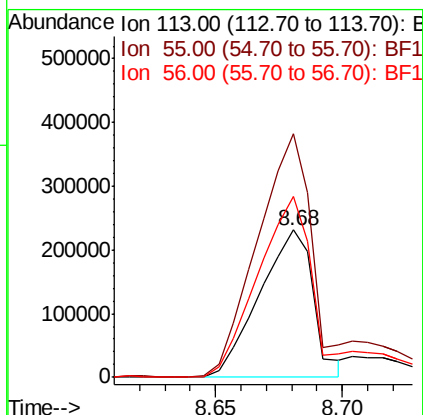
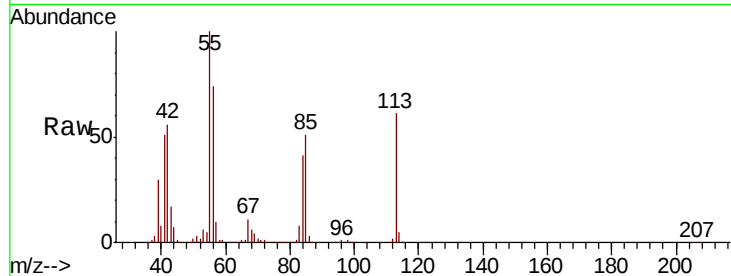




#35  
 Caprolactam  
 Concen: 53.116 ng  
 RT: 8.68 min Scan# 1121  
 Delta R.T. 0.02 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

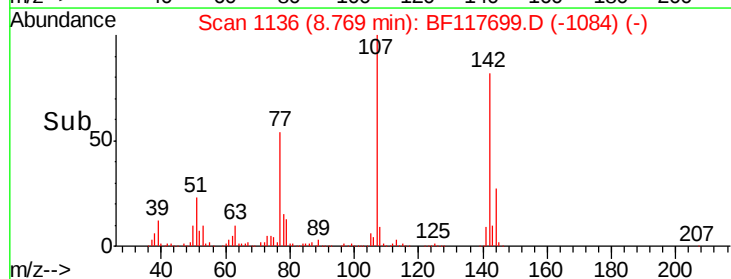
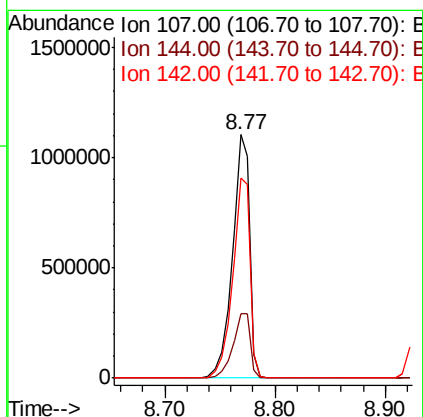
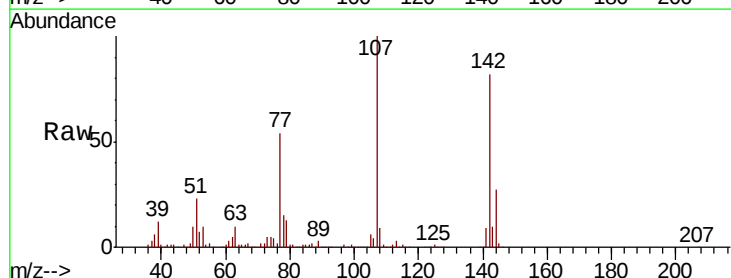
Instrument :  
 BNA\_F  
 ClientSampleId :

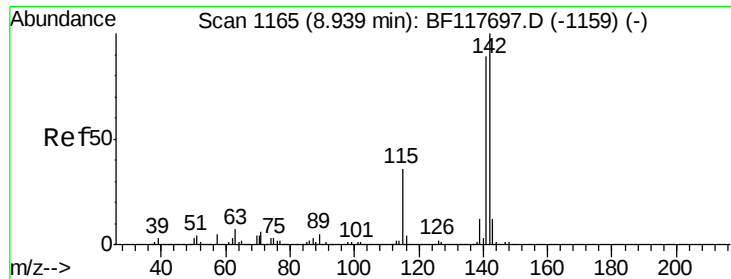
Tot Ion:113 Resp: 343351  
 Ion Ratio Lower Upper  
 113 100  
 55 165.1 150.5 190.5  
 56 122.4 106.2 146.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 61.612 ng  
 RT: 8.77 min Scan# 1136  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Tgt Ion:107 Resp: 1198949  
 Ion Ratio Lower Upper  
 107 100  
 144 26.6 21.5 32.3  
 142 82.0 66.7 100.1



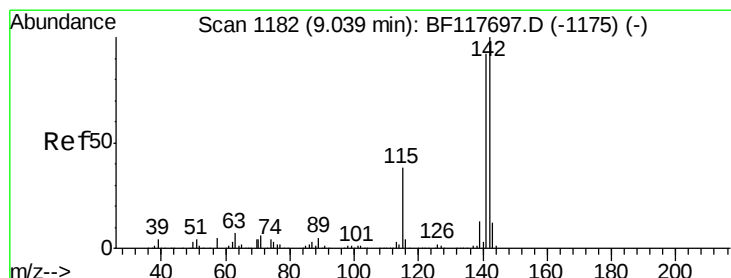
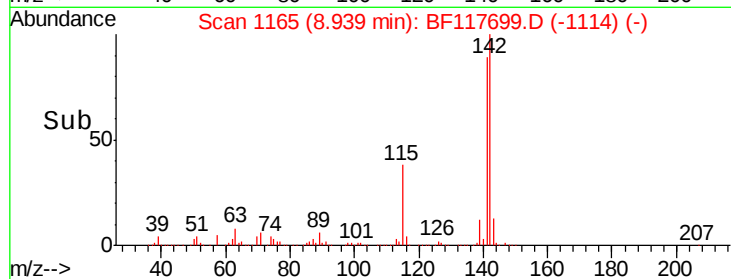
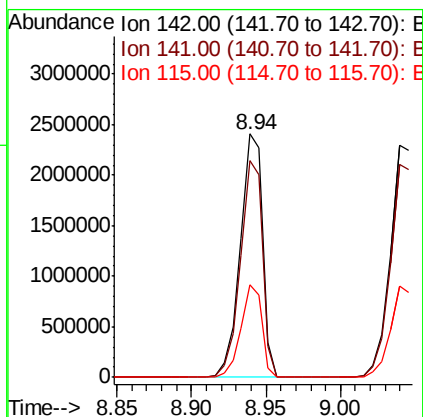
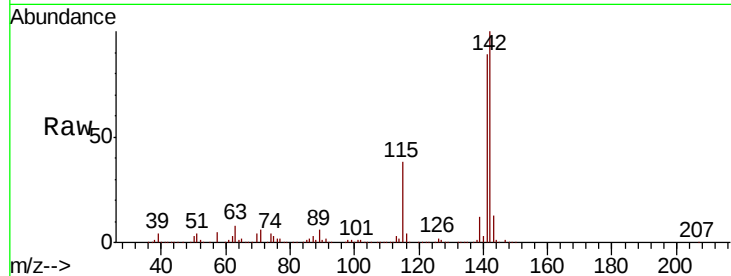


#37  
 2-Methylnaphthalene  
 Concen: 59.314 ng  
 RT: 8.94 min Scan# 1165  
 Delta R.T. 0.00 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:142 Resp: 2499057  

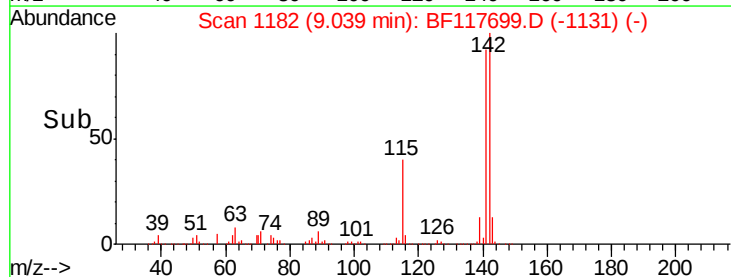
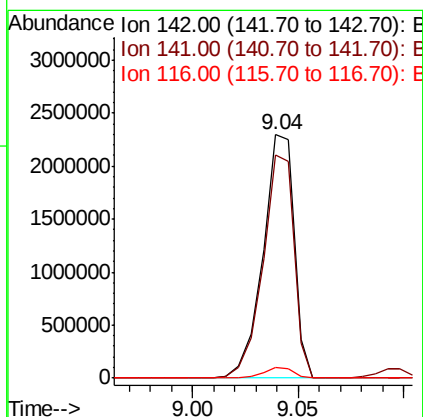
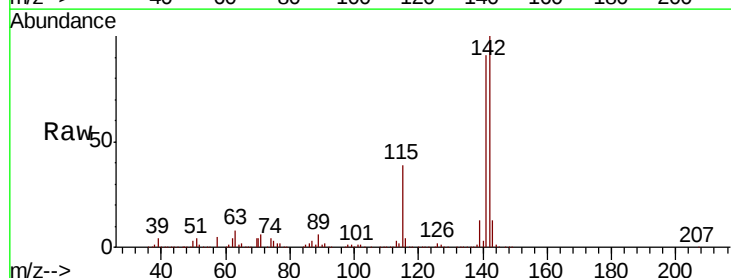
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 89.0  | 71.5  | 107.3 |
| 115 | 38.1  | 28.9  | 43.3  |

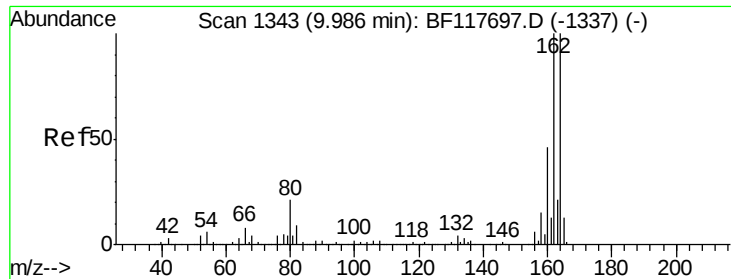


#38  
 1-Methylnaphthalene  
 Concen: 59.029 ng  
 RT: 9.04 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Tgt Ion:142 Resp: 2356089  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 91.5  | 73.3  | 109.9 |
| 116 | 4.3   | 3.2   | 4.8   |

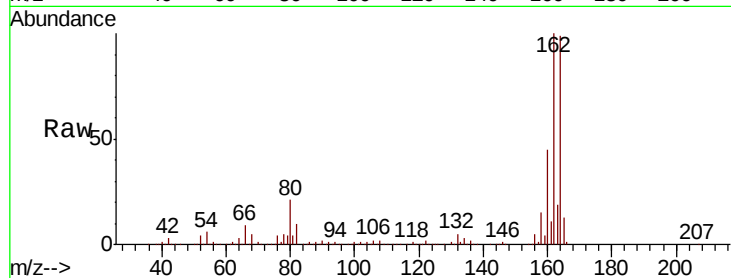




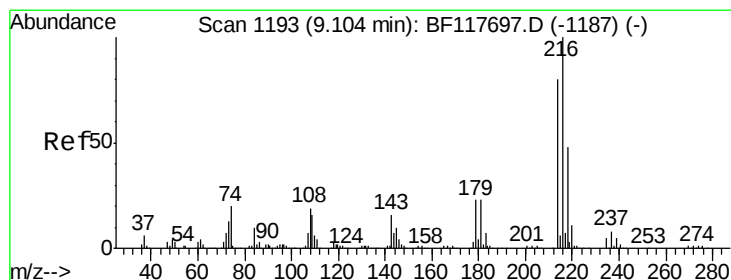
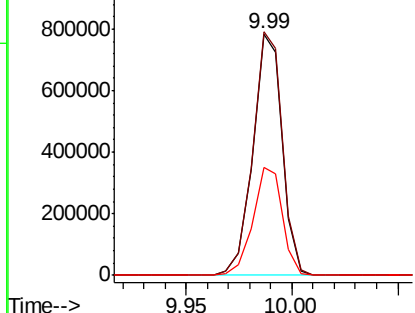
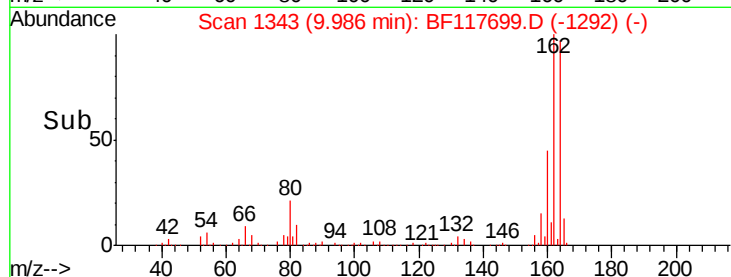
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:164 Resp: 753973  
Ion Ratio Lower Upper  
164 100  
162 100.9 79.7 119.5  
160 45.0 36.5 54.7

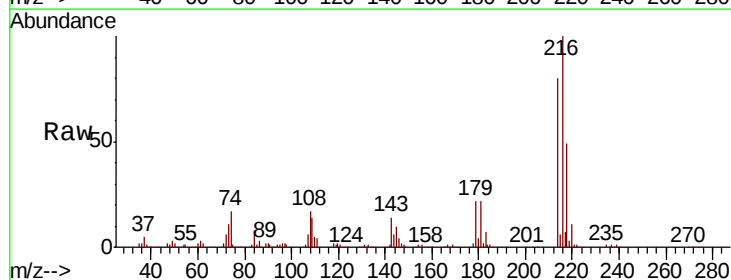


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

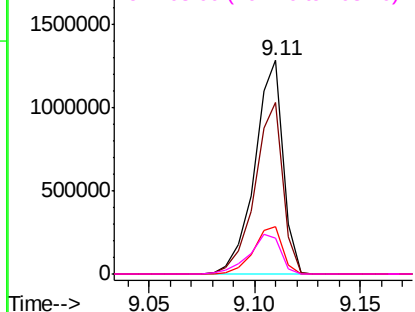
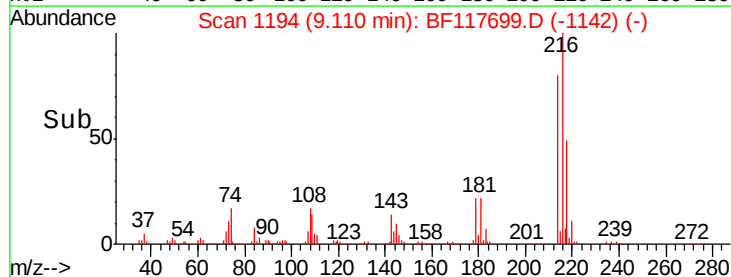


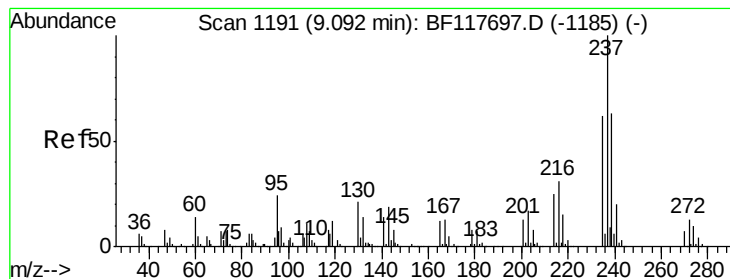
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 59.611 ng  
RT: 9.11 min Scan# 1194  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion:216 Resp: 1190905  
Ion Ratio Lower Upper  
216 100  
214 79.9 63.6 95.4  
179 22.8 18.1 27.1  
108 20.9 16.4 24.6



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: 61.600 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

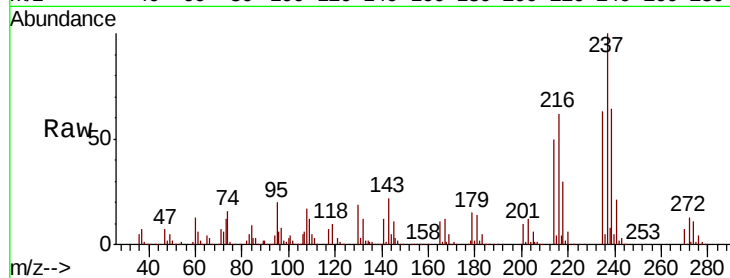
Tot Ion:237 Resp: 679443

Ion Ratio Lower Upper

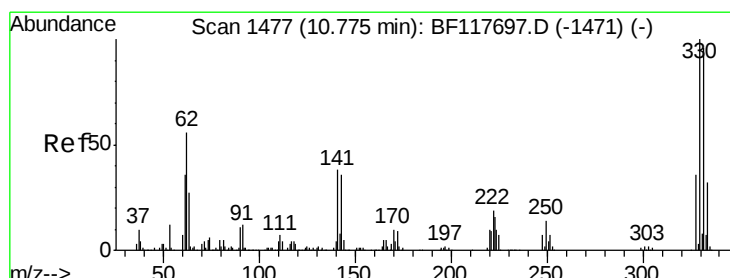
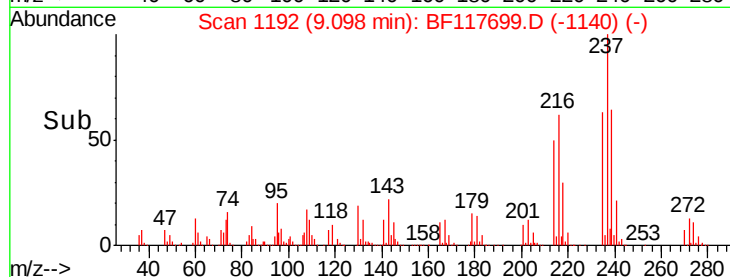
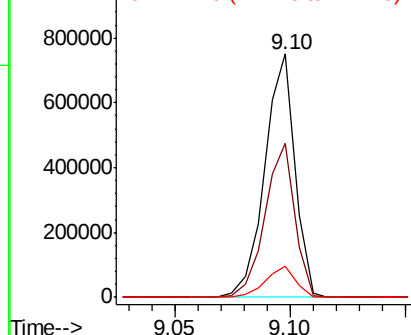
237 100

235 63.1 42.2 82.2

272 13.0 0.0 32.8



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: 114.717 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

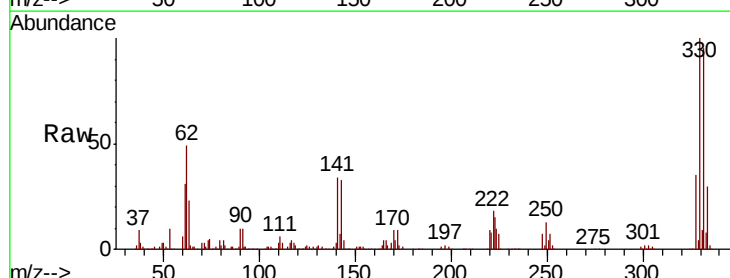
Tgt Ion:330 Resp: 842943

Ion Ratio Lower Upper

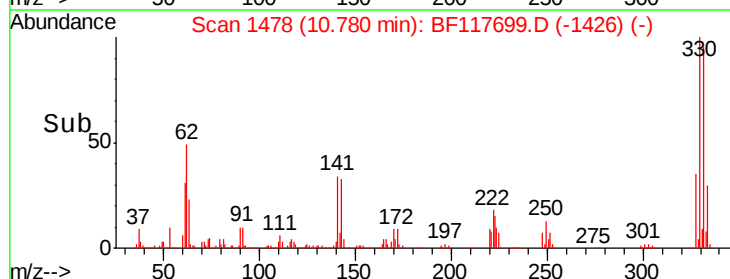
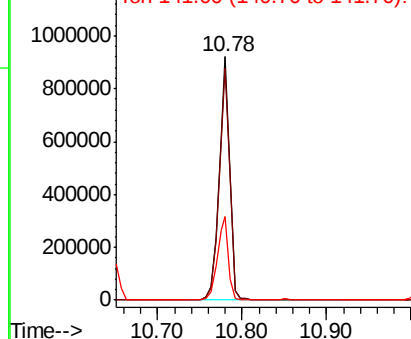
330 100

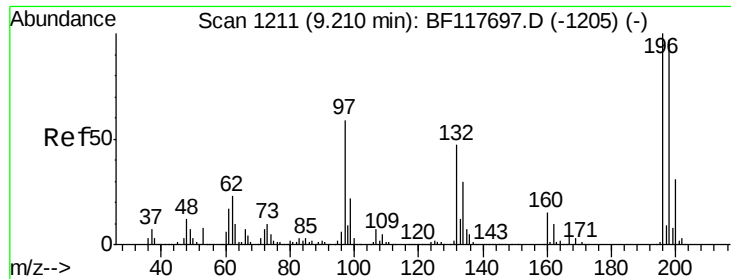
332 96.1 77.4 116.0

141 35.3 28.0 42.0



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

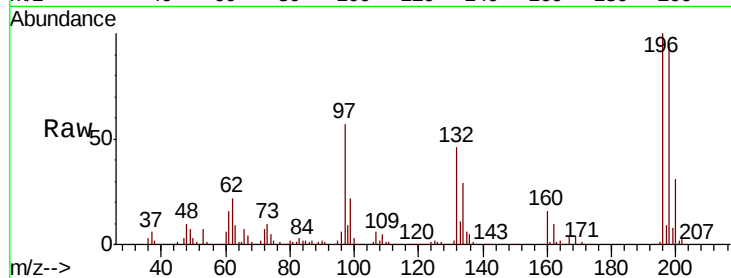




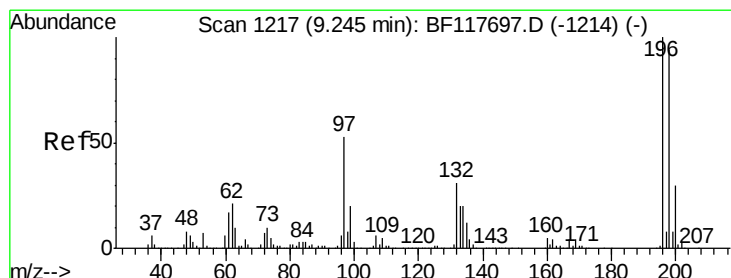
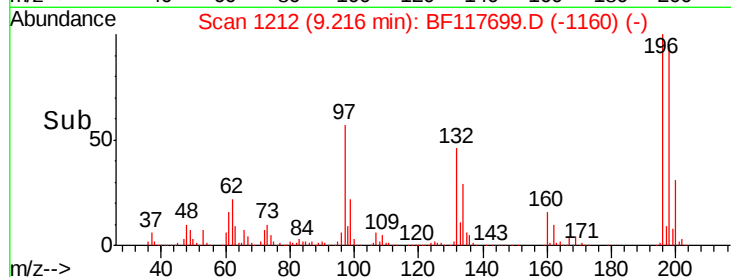
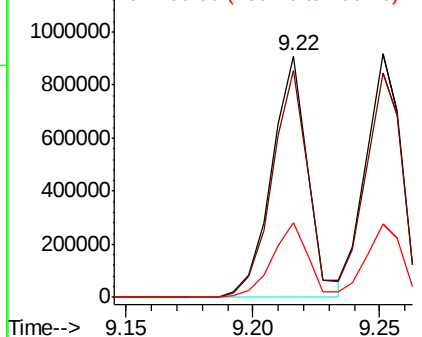
#43  
 2,4,6-Trichlorophenol  
 Concen: 64.955 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:196 Resp: 895457  
 Ion Ratio Lower Upper  
 196 100  
 198 94.2 77.8 116.6  
 200 30.8 25.0 37.6



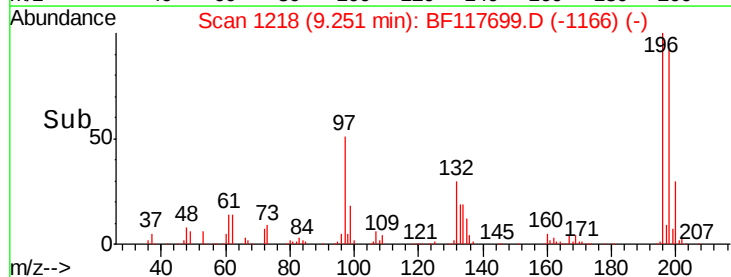
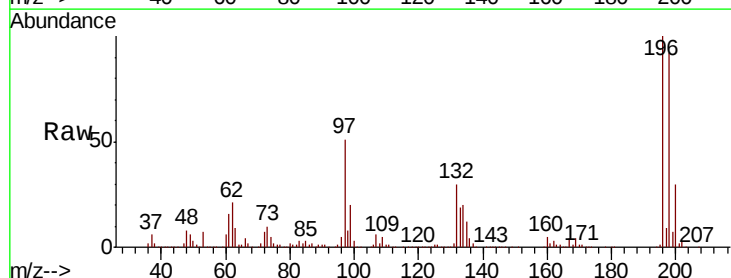
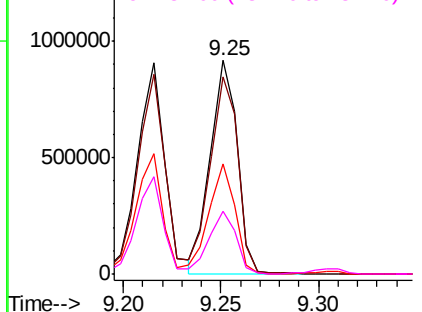
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

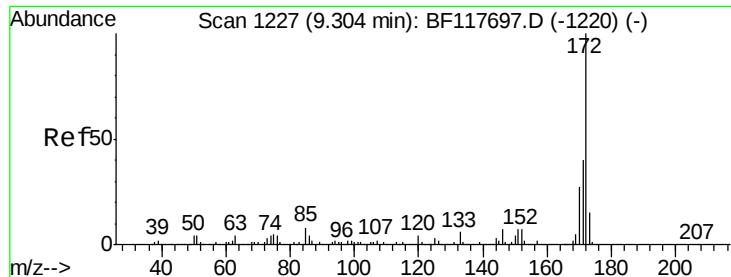


#44  
 2,4,5-Trichlorophenol  
 Concen: 63.813 ng  
 RT: 9.25 min Scan# 1218  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Tgt Ion:196 Resp: 884949  
 Ion Ratio Lower Upper  
 196 100  
 198 92.3 75.4 113.0  
 97 51.3 42.5 63.7  
 132 29.6 24.7 37.1

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

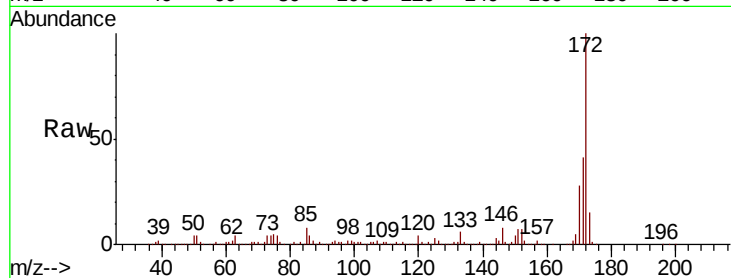




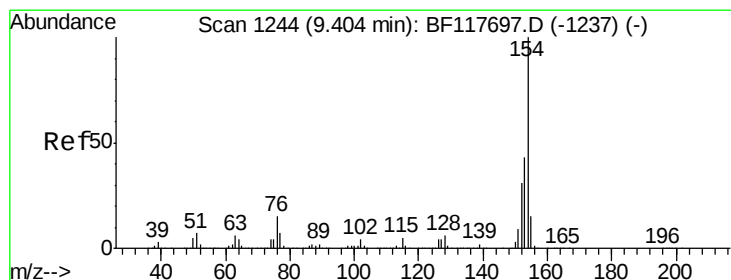
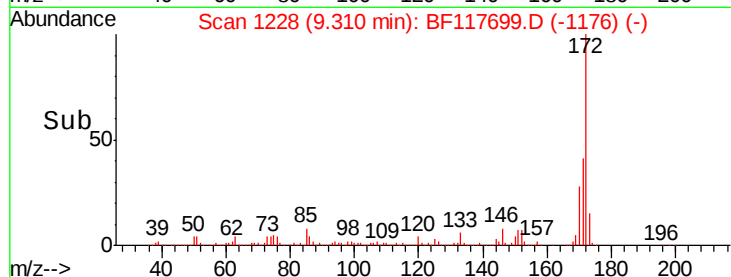
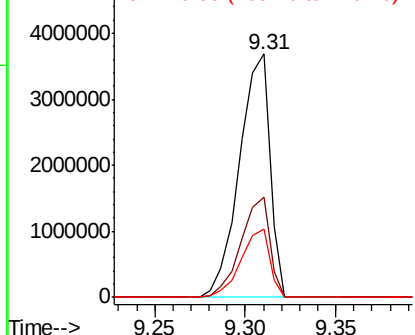
#45  
2-Fluorobiphenyl  
Concen: 110.048 ng  
RT: 9.31 min Scan# 1228  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 4326393  
Ion Ratio Lower Upper  
172 100  
171 41.2 31.8 47.8  
170 28.2 21.6 32.4

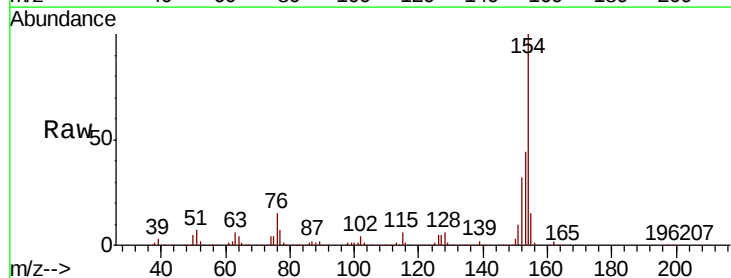


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

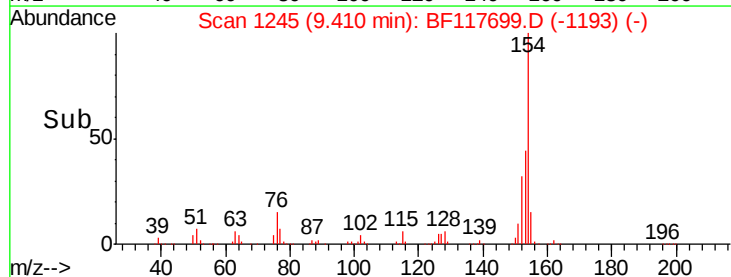
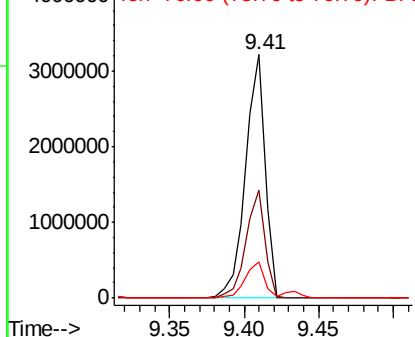


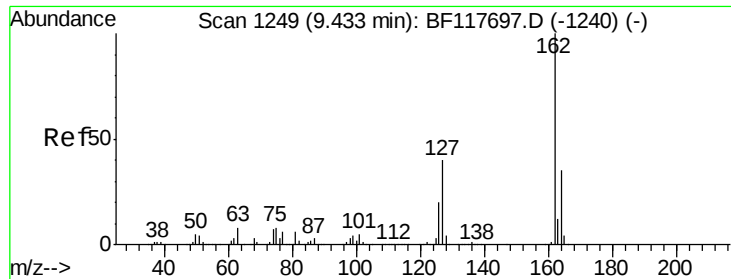
#46  
1,1'-Biphenyl  
Concen: 55.717 ng  
RT: 9.41 min Scan# 1245  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion:154 Resp: 2911532  
Ion Ratio Lower Upper  
154 100  
153 44.5 23.2 63.2  
76 14.7 0.0 34.7



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: 59.826 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

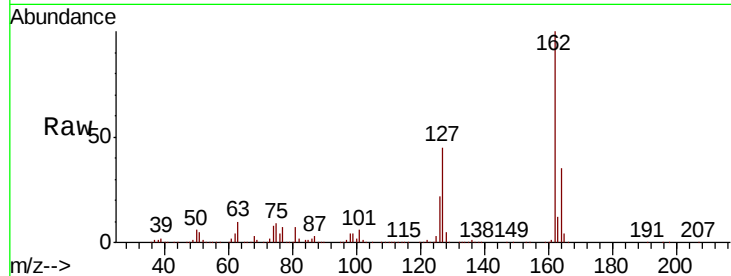
Tot Ion:162 Resp: 2496297

Ion Ratio Lower Upper

162 100

127 44.7 32.2 48.4

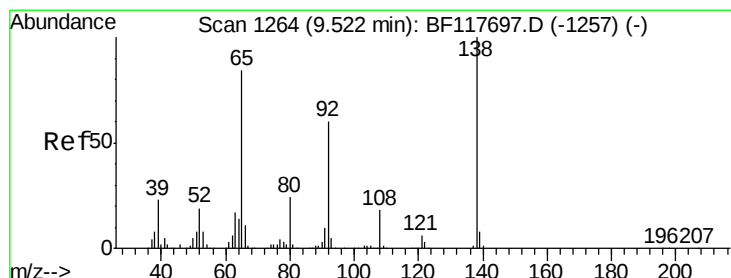
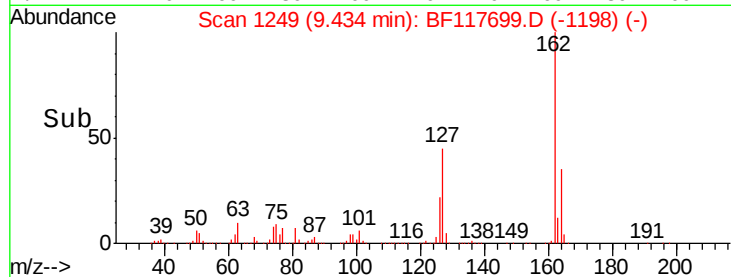
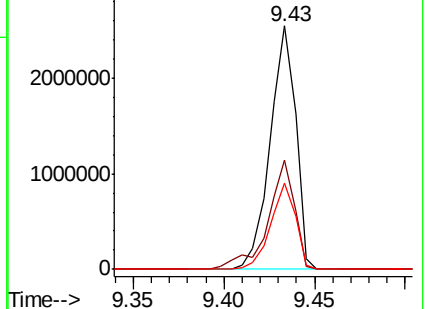
164 35.5 28.1 42.1



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: 65.294 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

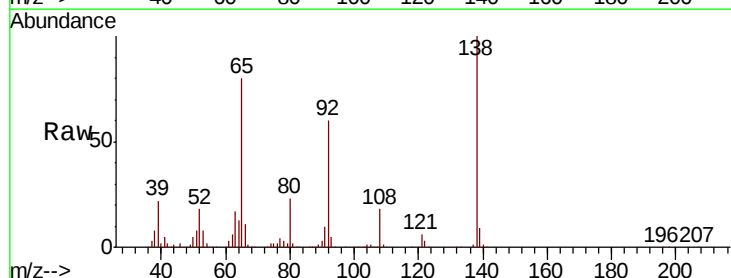
Tgt Ion: 65 Resp: 819057

Ion Ratio Lower Upper

65 100

92 74.1 57.3 85.9

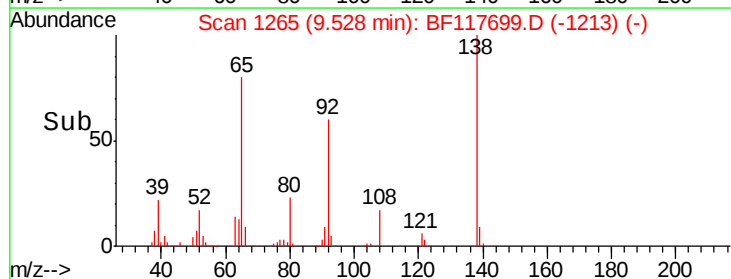
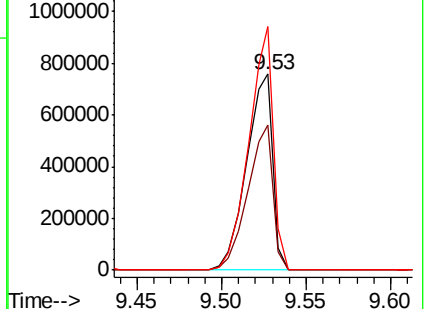
138 124.3 95.0 142.6

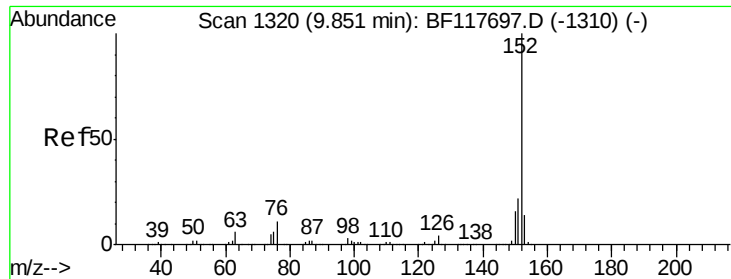


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 58.107 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

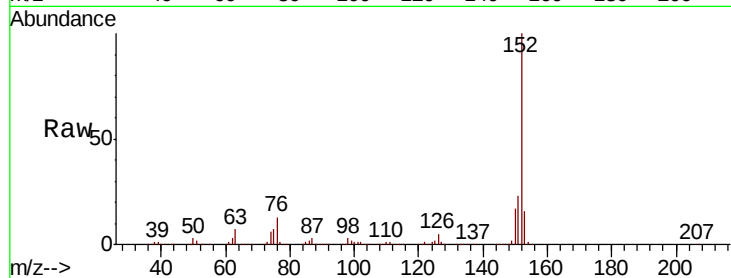
Tot Ion:152 Resp: 3569727

Ion Ratio Lower Upper

152 100

151 23.5 17.8 26.6

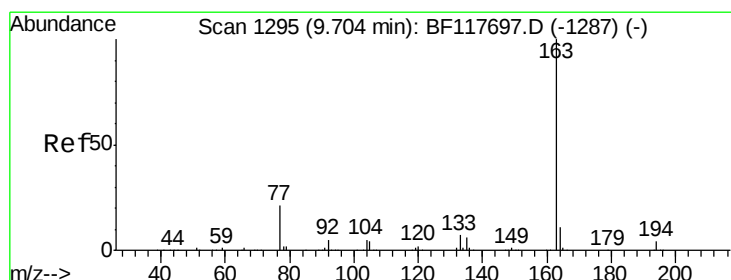
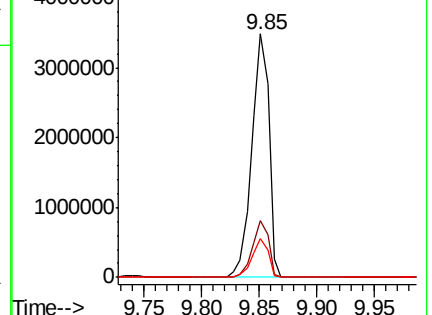
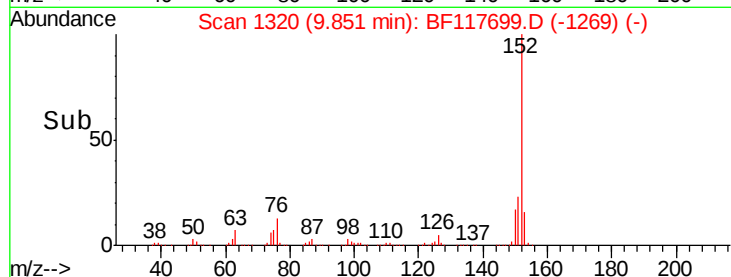
153 15.8 11.5 17.3



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: 60.581 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

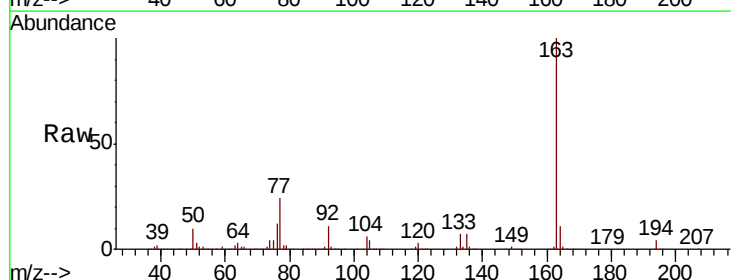
Tgt Ion:163 Resp: 2901862

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

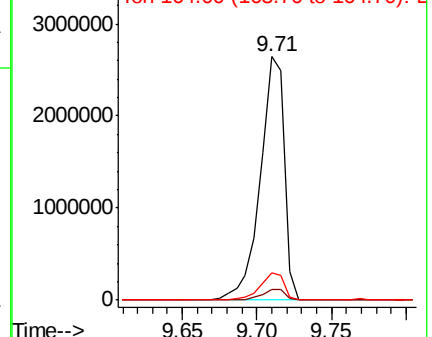
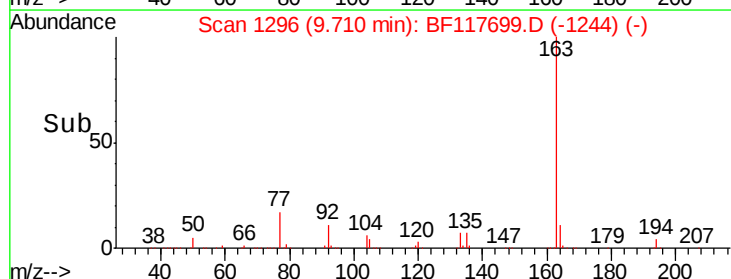
164 11.4 8.9 13.3

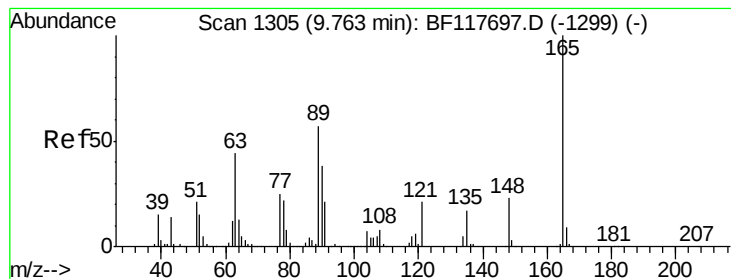


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 65.329 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampled :

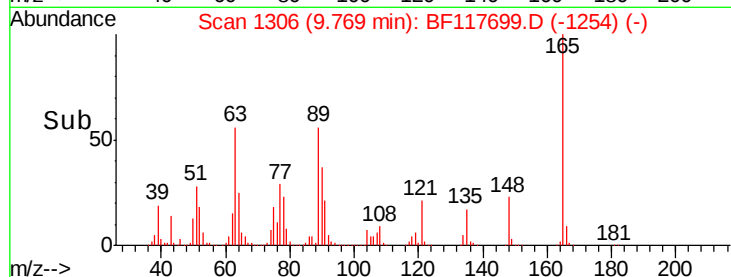
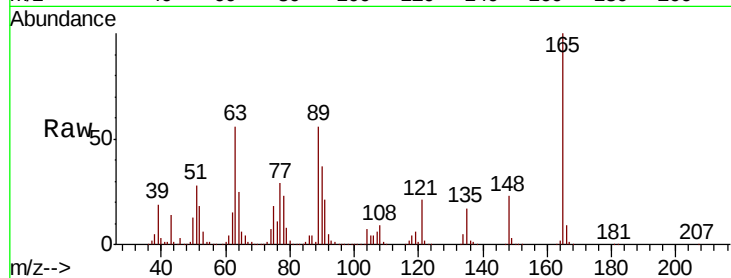
Tot Ion:165 Resp: 680551

Ion Ratio Lower Upper

165 100

63 56.5 45.6 68.4

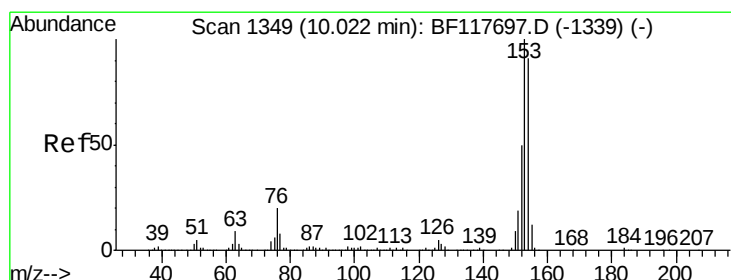
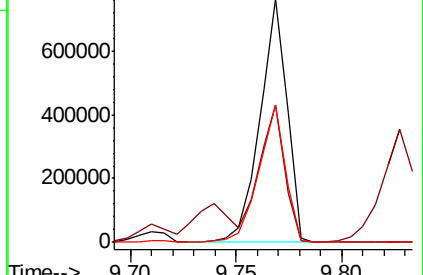
89 56.3 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 59.564 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

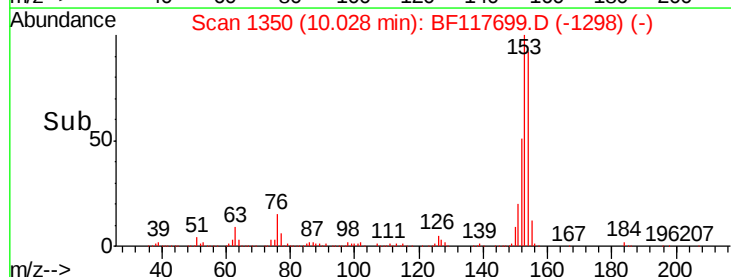
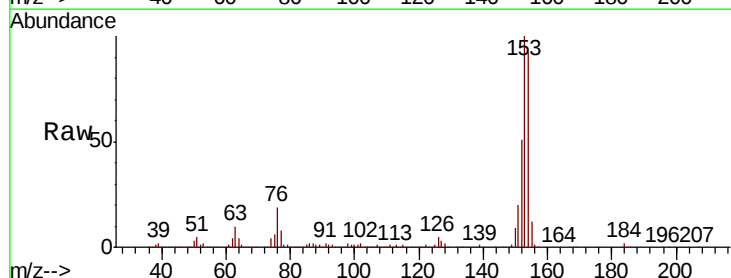
Tgt Ion:154 Resp: 2308811

Ion Ratio Lower Upper

154 100

153 109.2 87.8 131.6

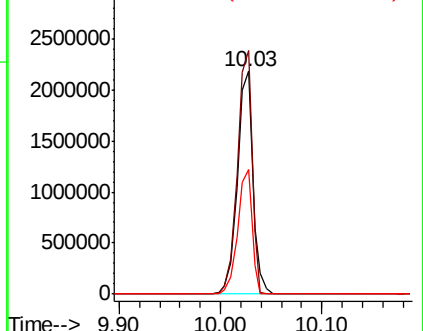
152 56.0 43.5 65.3

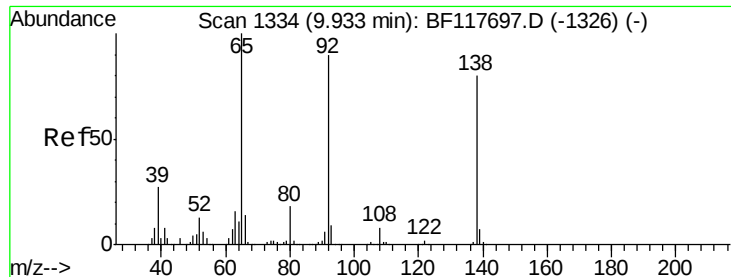


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

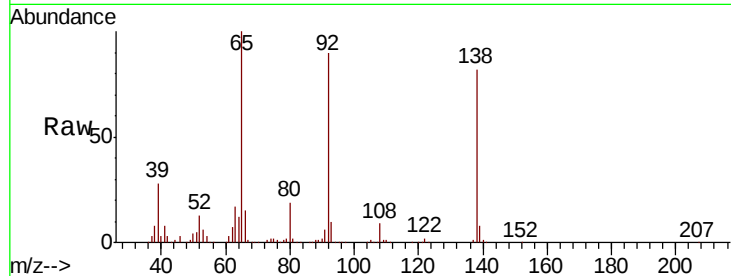




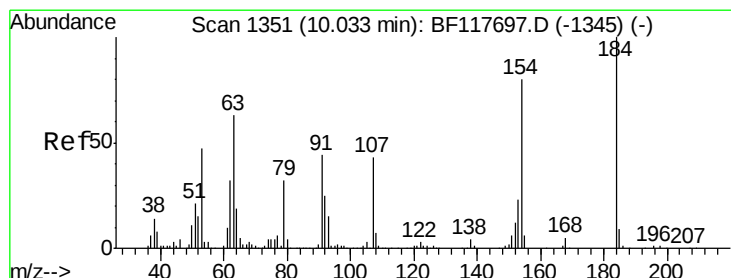
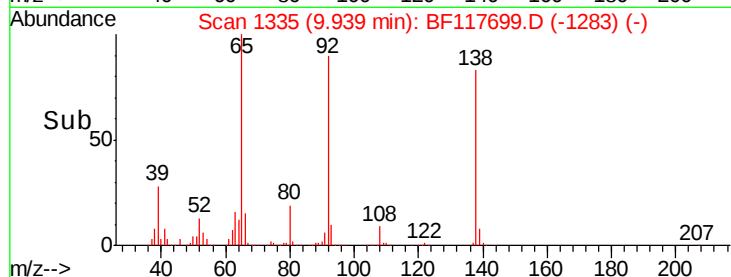
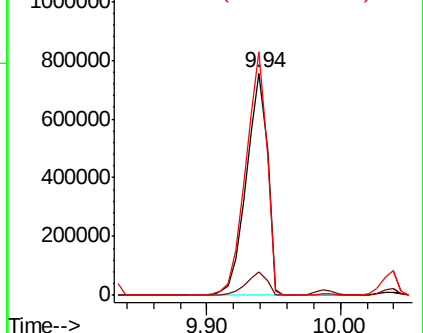
#53  
3-Nitroaniline  
Concen: 64.388 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 816403  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.5 12.7  
92 109.6 89.8 134.8

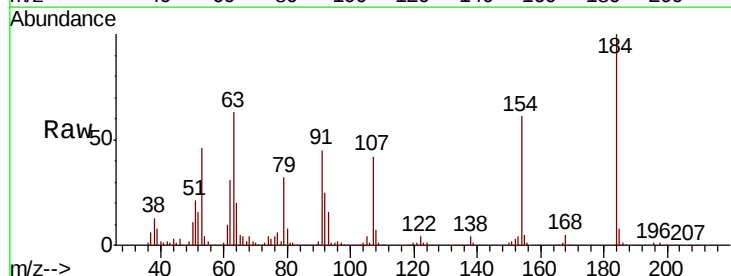


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

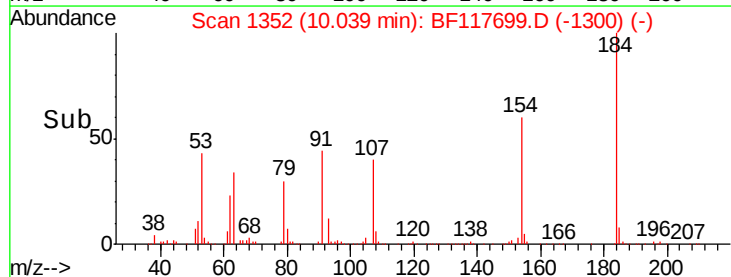
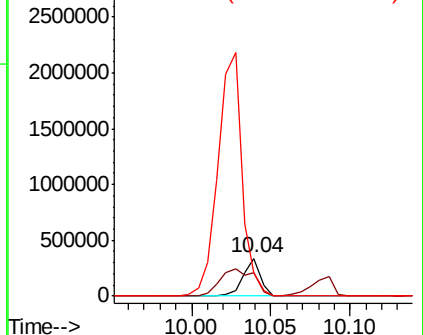


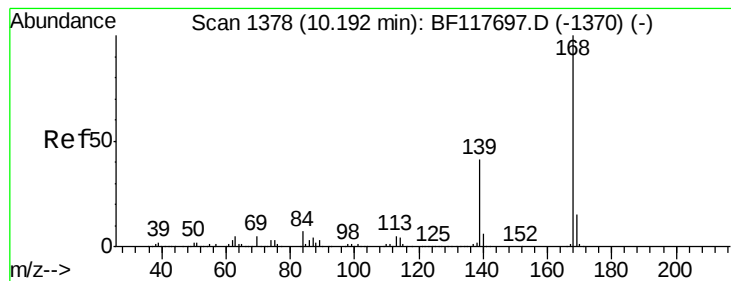
#54  
2,4-Dinitrophenol  
Concen: 76.621 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion:184 Resp: 258412  
Ion Ratio Lower Upper  
184 100  
63 62.6 51.4 77.0  
154 60.6 70.2 105.2#



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: 59.194 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

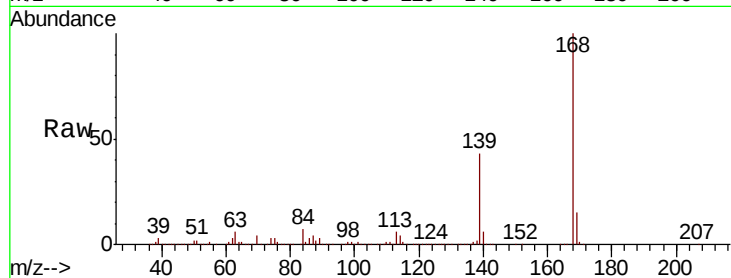
Tot Ion:168 Resp: 3229557

Ion Ratio Lower Upper

168 100

139 43.3 33.2 49.8

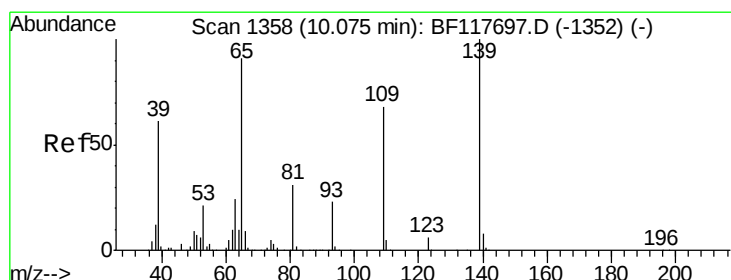
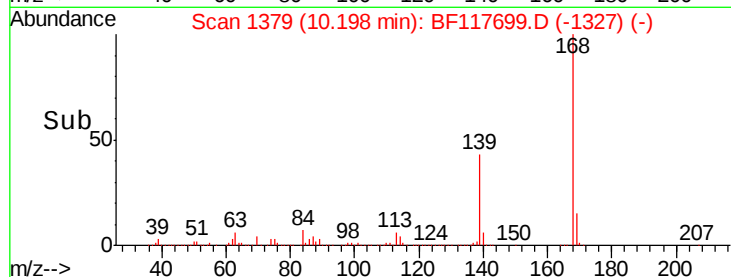
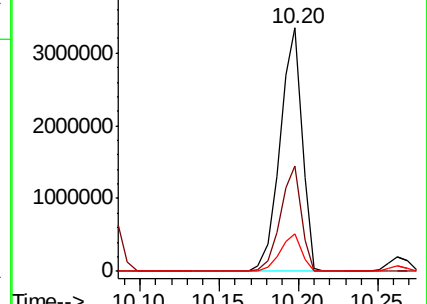
169 15.2 11.7 17.5



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: 65.705 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

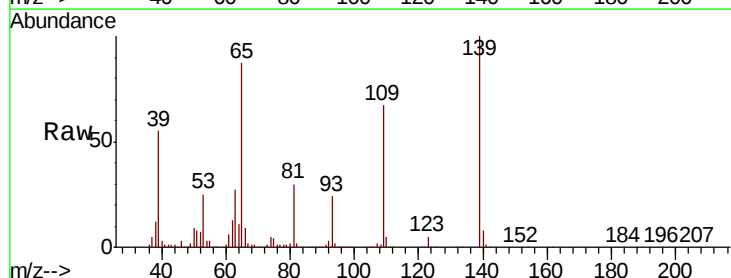
Tgt Ion:139 Resp: 617357

Ion Ratio Lower Upper

139 100

109 66.5 47.7 87.7

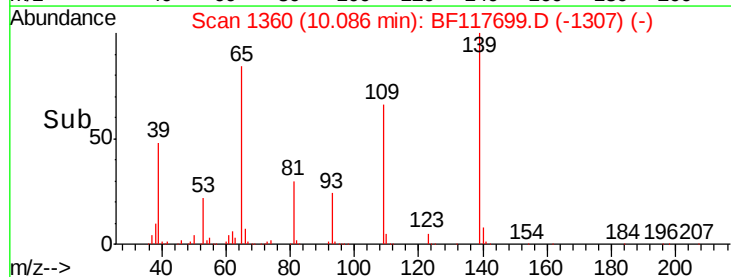
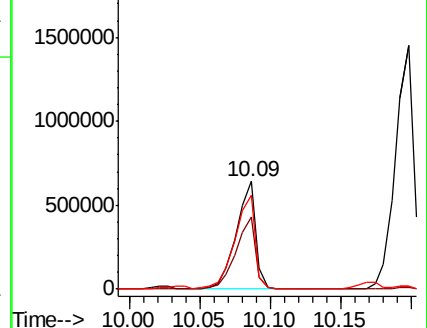
65 87.2 71.9 111.9

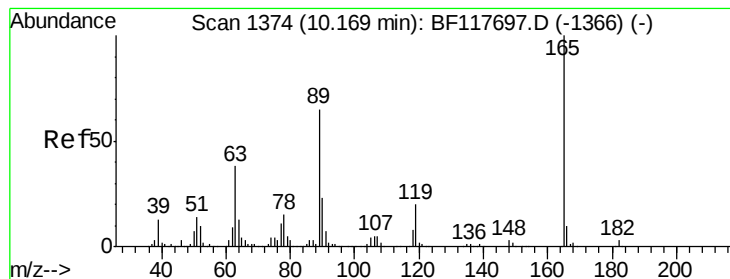


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 67.922 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:165 Resp: 888532

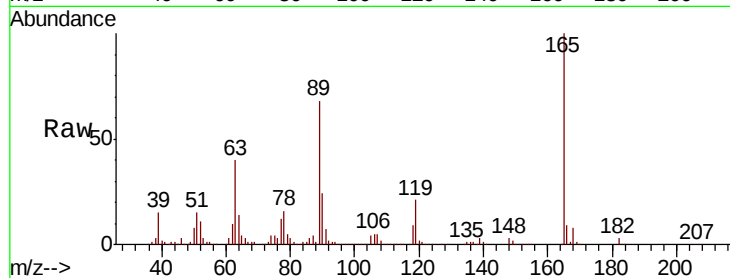
Ion Ratio Lower Upper

165 100

63 40.1 30.4 45.6

89 67.6 52.2 78.4

182 2.9 2.3 3.5

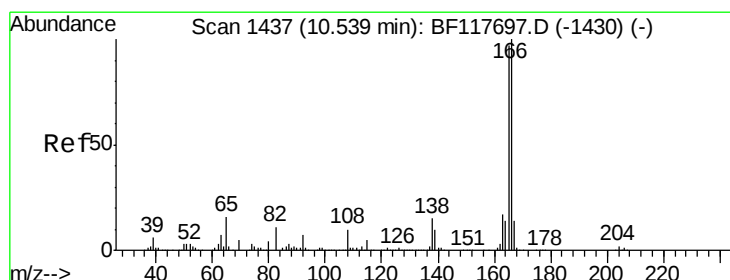
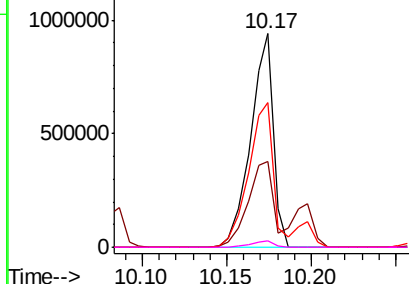
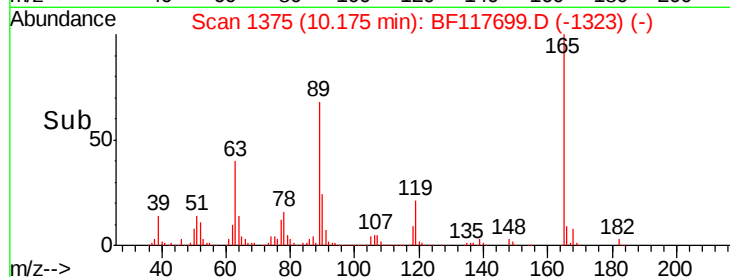


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 57.950 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

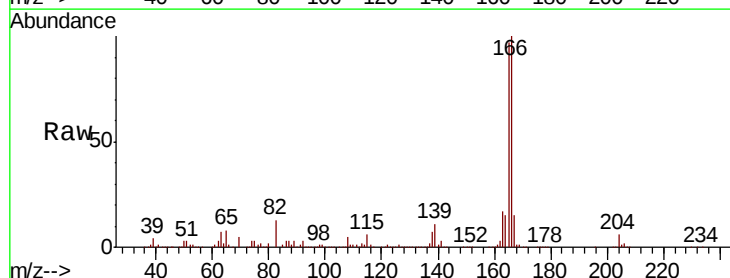
Tgt Ion:166 Resp: 2343916

Ion Ratio Lower Upper

166 100

165 96.7 77.4 116.0

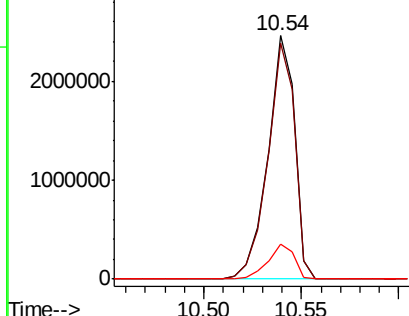
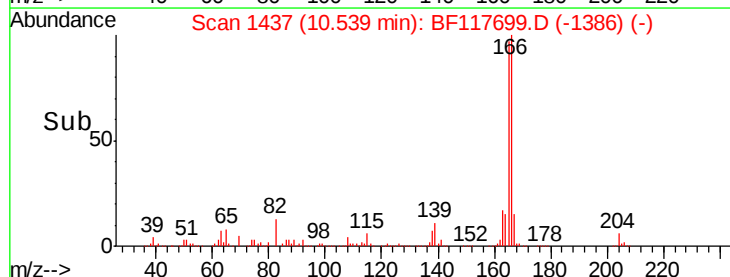
167 14.6 11.0 16.4

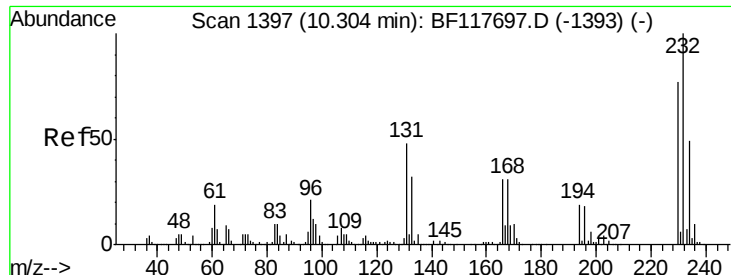


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

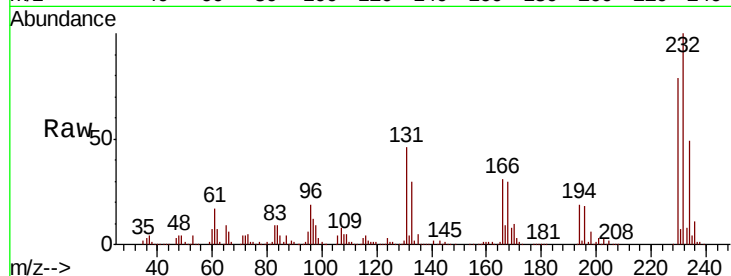




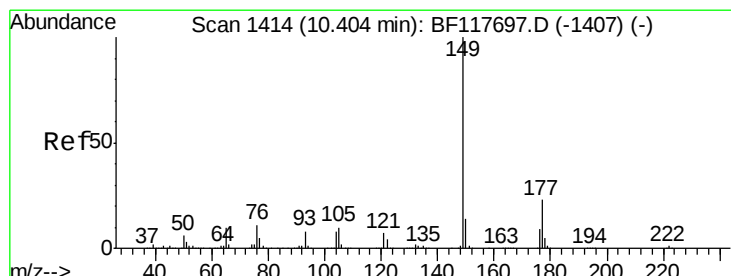
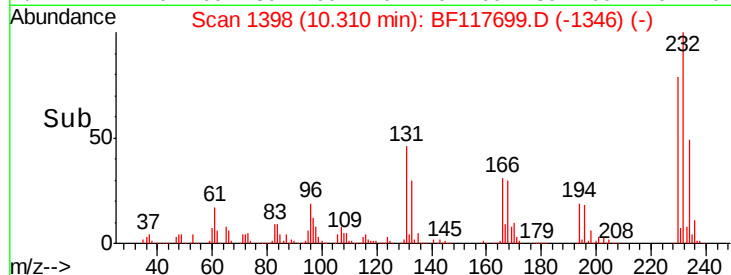
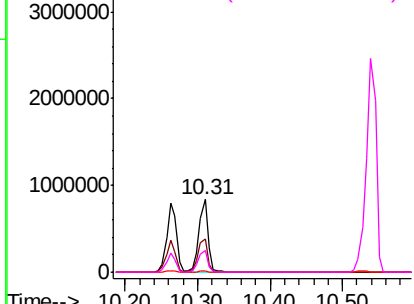
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 66.575 ng  
RT: 10.31 min Scan# 1398  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:232 Resp: 743005  
Ion Ratio Lower Upper  
232 100  
131 47.9 37.8 56.8  
130 2.4 1.9 2.9  
166 30.9 24.6 36.8

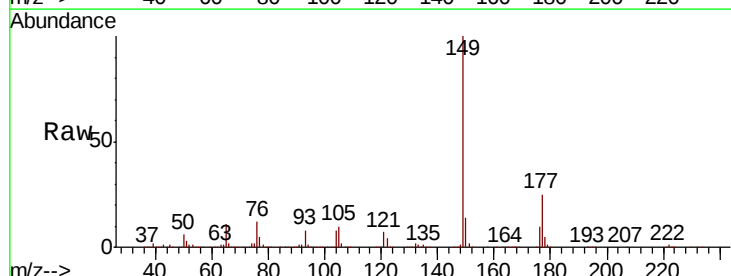


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

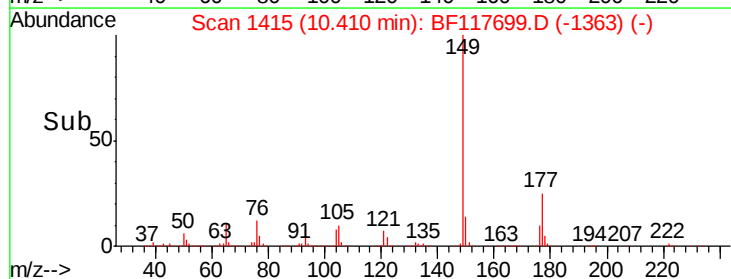
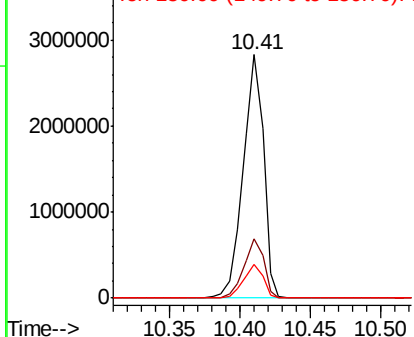


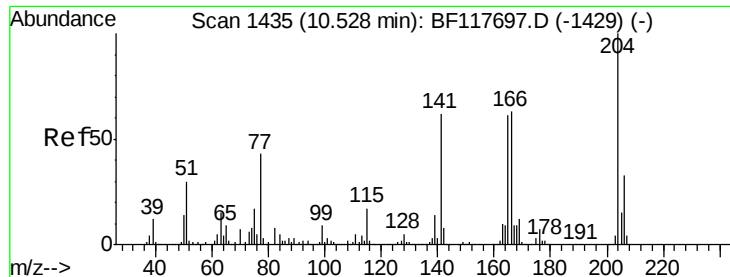
#60  
Diethylphthalate  
Concen: 60.856 ng  
RT: 10.41 min Scan# 1415  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion:149 Resp: 2859949  
Ion Ratio Lower Upper  
149 100  
177 24.5 18.8 28.2  
150 13.9 10.8 16.2



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

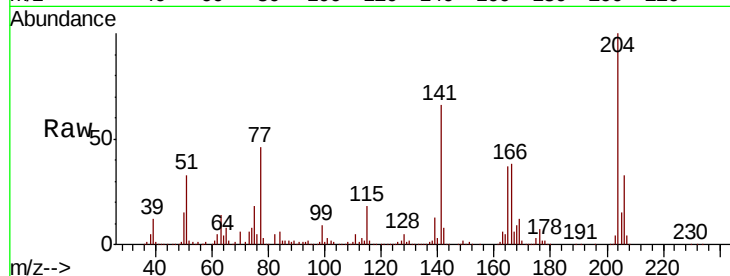




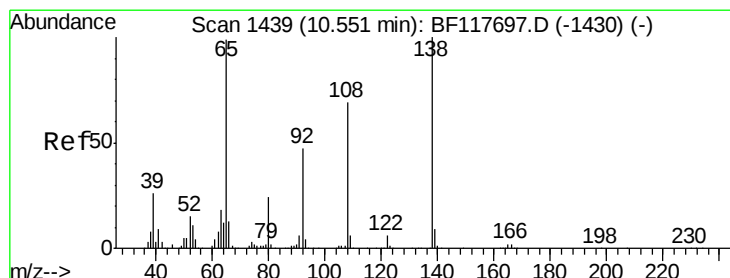
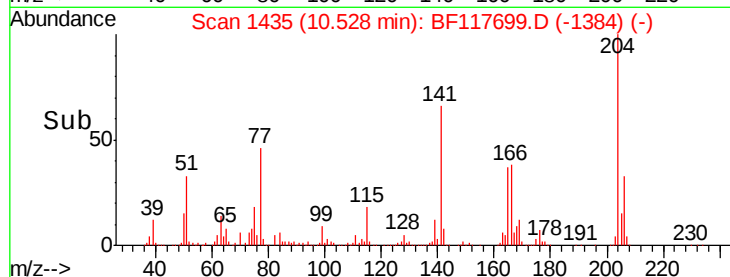
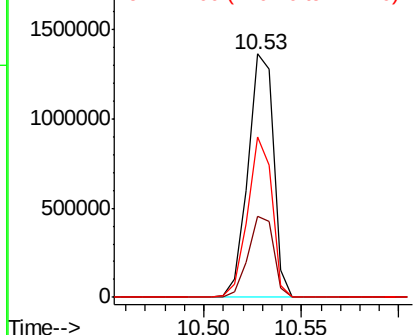
#61  
4-Chlorophenyl-phenylether  
Concen: 59.262 ng  
RT: 10.53 min Scan# 1435  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:204 Resp: 1239734  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.2 39.4  
141 66.0 49.7 74.5

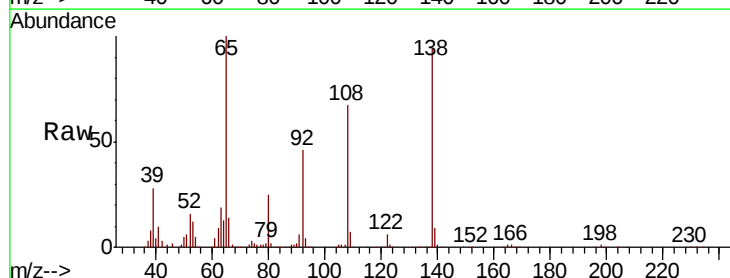


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

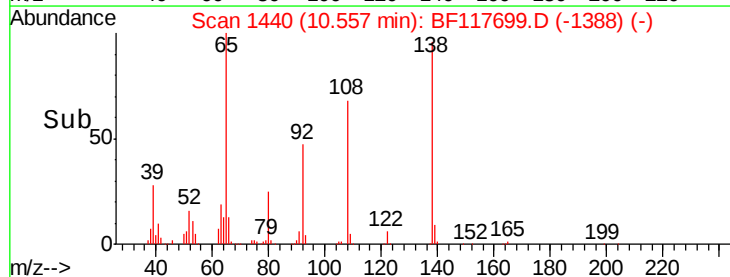
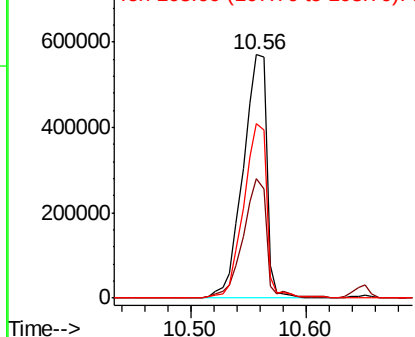


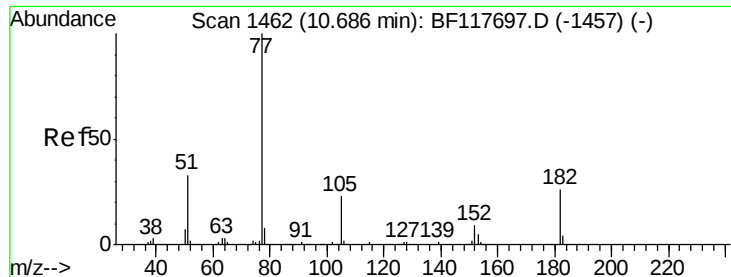
#62  
4-Nitroaniline  
Concen: 65.887 ng  
RT: 10.56 min Scan# 1440  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion:138 Resp: 813907  
Ion Ratio Lower Upper  
138 100  
92 48.9 26.9 66.9  
108 71.6 49.1 89.1



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: 59.439 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 2682684

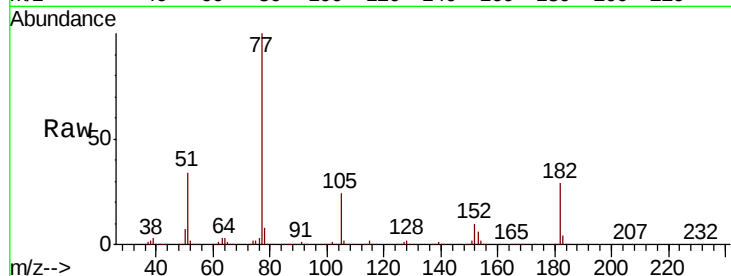
Ion Ratio Lower Upper

77 100

182 29.5 6.0 46.0

105 24.5 2.8 42.8

51 33.8 13.0 53.0

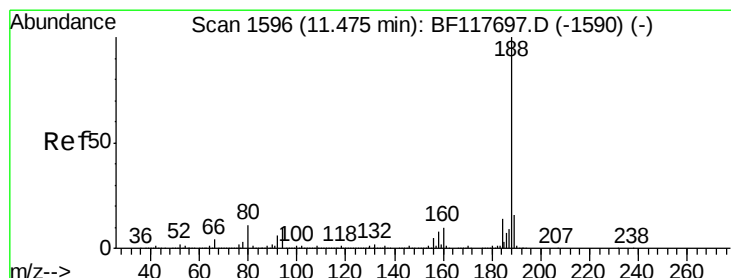
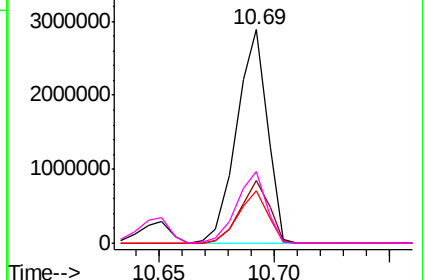
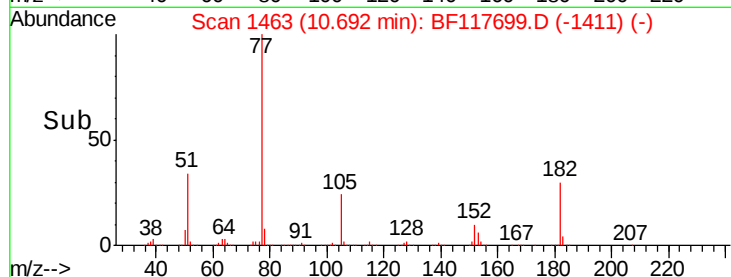


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

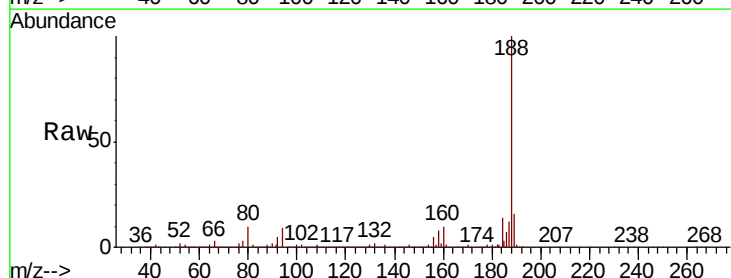
Tgt Ion: 188 Resp: 1371311

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.4

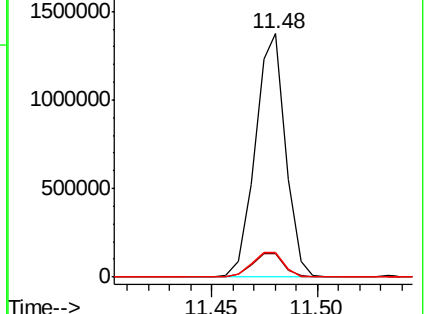
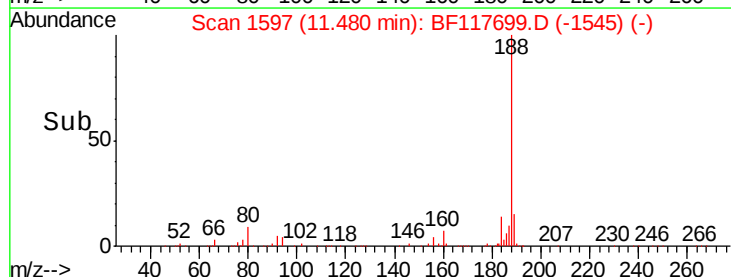
80 10.0 8.6 13.0

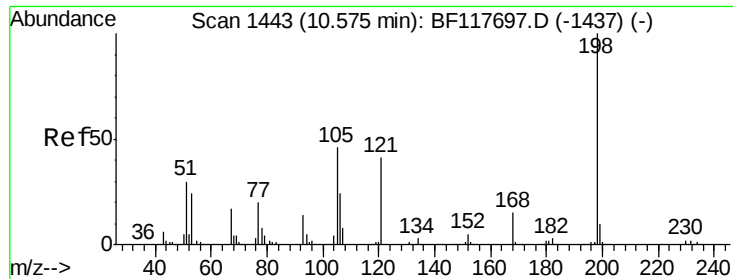


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

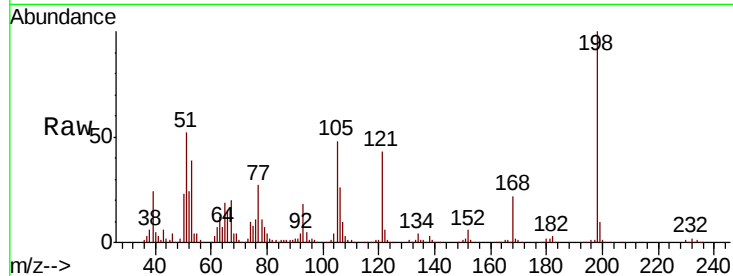




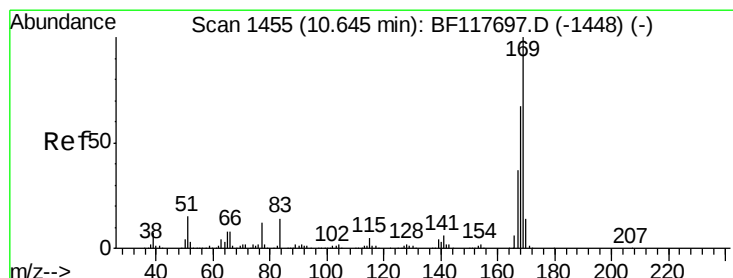
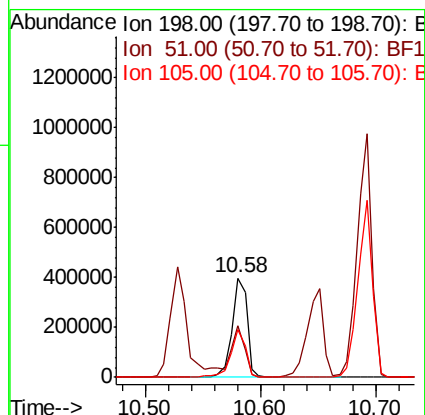
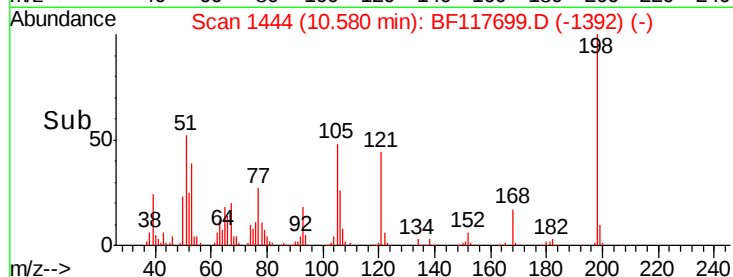
#65  
4,6-Dinitro-2-methylphenol  
Concen: 72.441 ng  
RT: 10.58 min Scan# 1444  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:198 Resp: 357724  
Ion Ratio Lower Upper  
198 100  
51 51.9 28.1 68.1  
105 48.0 27.3 67.3

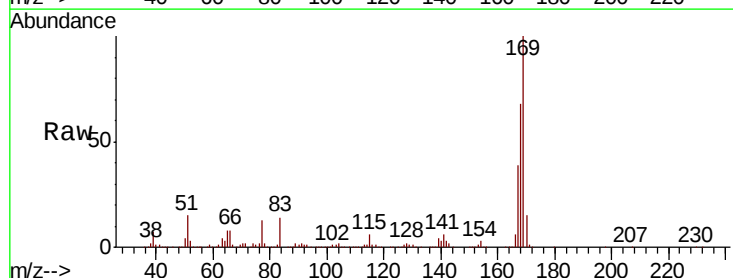


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

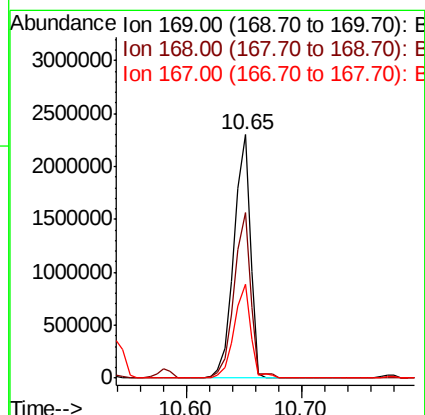
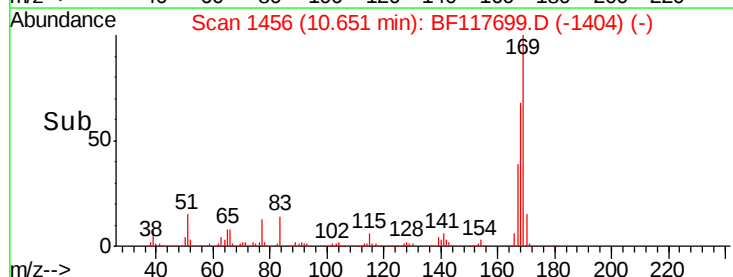


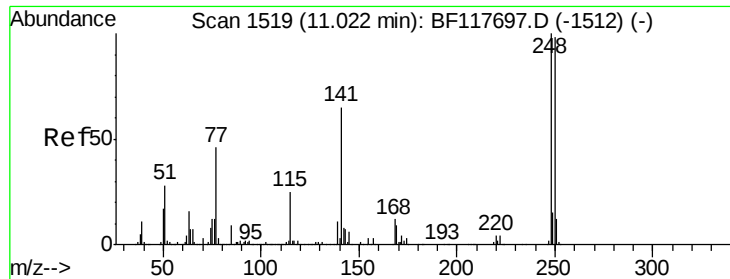
#66  
n-Nitrosodiphenylamine  
Concen: 57.195 ng  
RT: 10.65 min Scan# 1456  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion:169 Resp: 2275228  
Ion Ratio Lower Upper  
169 100  
168 68.1 53.8 80.8  
167 38.7 29.9 44.9



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

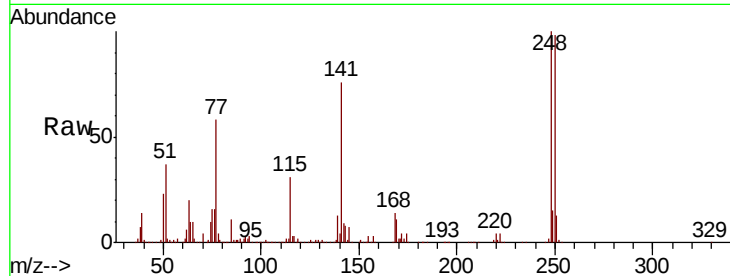




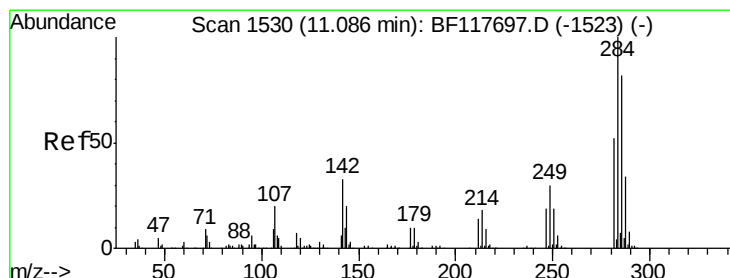
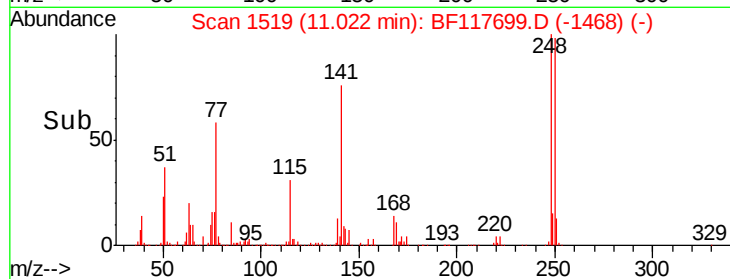
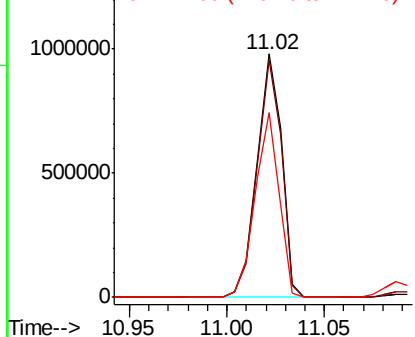
#67  
4-Bromophenyl-phenylether  
Concen: 59.592 ng  
RT: 11.02 min Scan# 1519  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:248 Resp: 864482  
Ion Ratio Lower Upper  
248 100  
250 97.6 78.7 118.1  
141 75.7 51.8 77.8

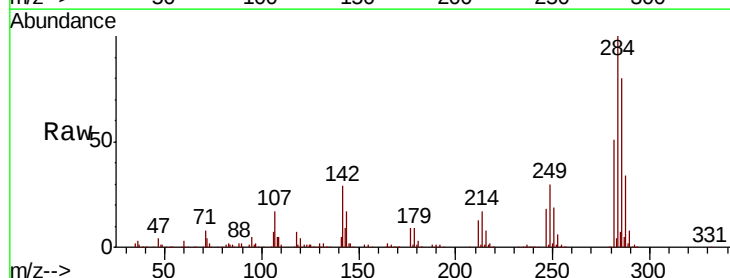


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

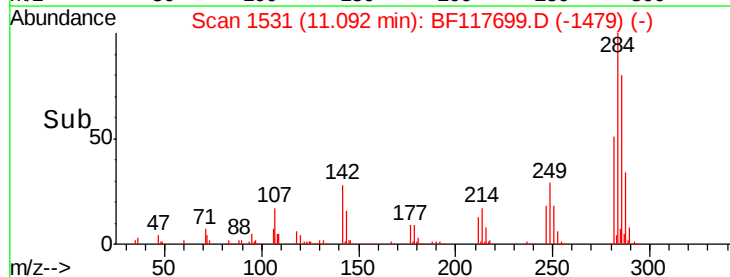
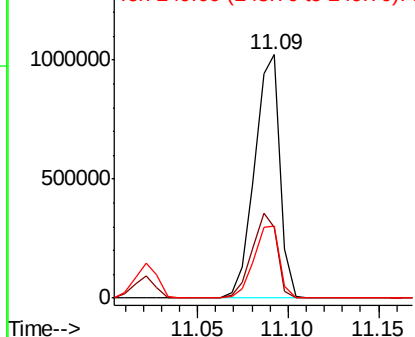


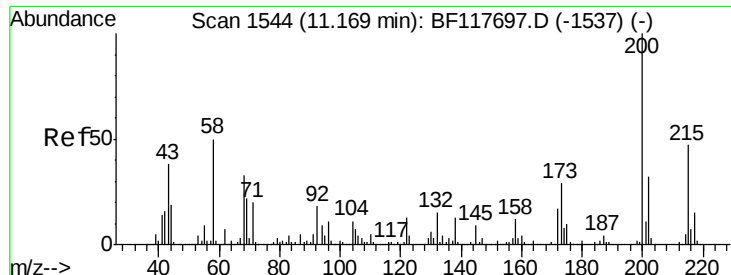
#68  
Hexachlorobenzene  
Concen: 59.000 ng  
RT: 11.09 min Scan# 1531  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion:284 Resp: 992703  
Ion Ratio Lower Upper  
284 100  
142 29.1 26.6 39.8  
249 29.7 24.4 36.6



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

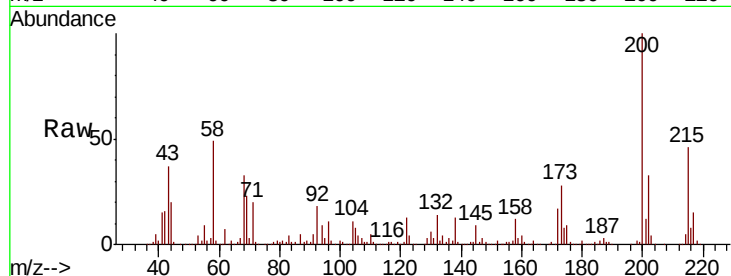




#69  
 Atrazine  
 Concen: 93.979 ng  
 RT: 11.17 min Scan# 1545  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.4  | 8.5   | 48.5  |
| 215     | 46.1  | 27.4  | 67.4  |

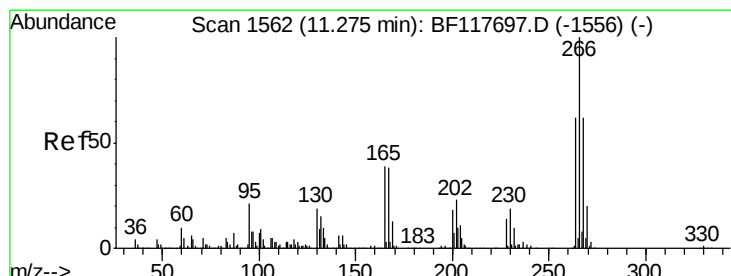
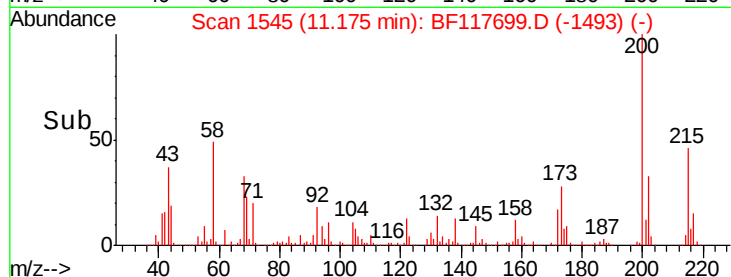
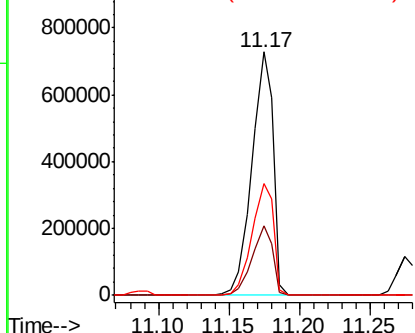


Abundance

Ion 200.00 (199.70 to 200.70): E

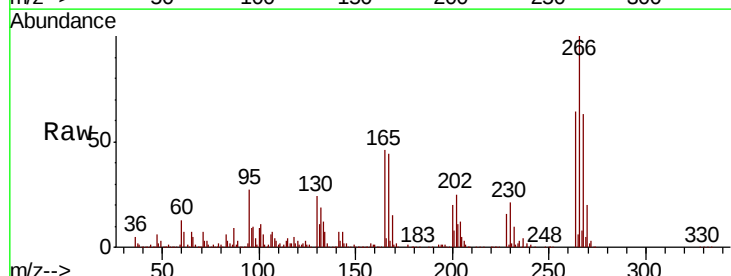
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
 Pentachlorophenol  
 Concen: 67.162 ng  
 RT: 11.27 min Scan# 1562  
 Delta R.T. 0.00 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.8  | 49.8  | 74.6  |
| 264     | 64.3  | 49.7  | 74.5  |

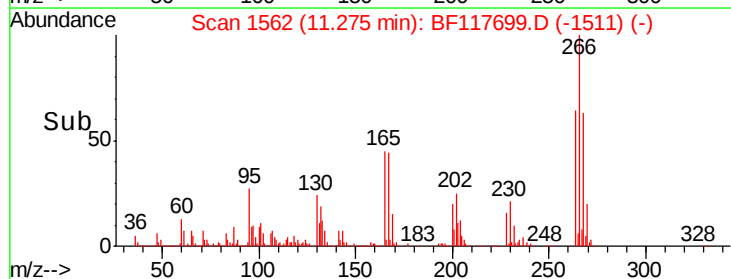
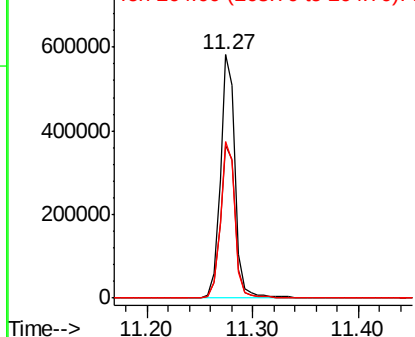


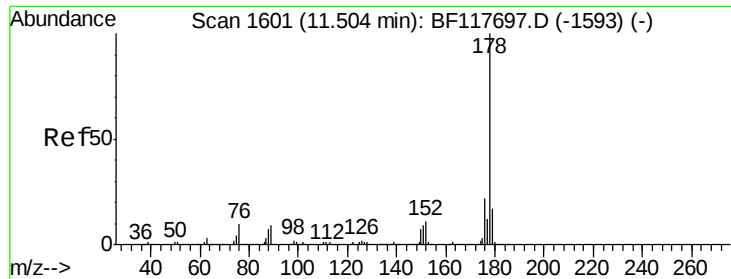
Abundance

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: 55.673 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

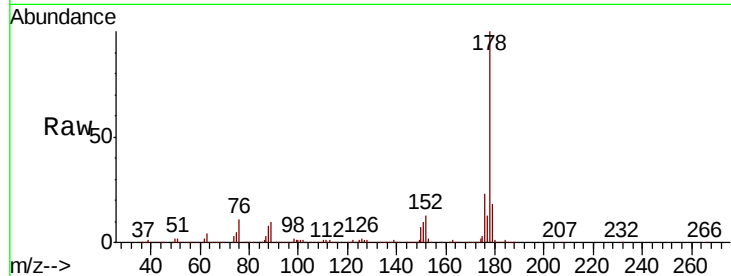
Tot Ion:178 Resp: 3580764

Ion Ratio Lower Upper

178 100

176 22.6 17.7 26.5

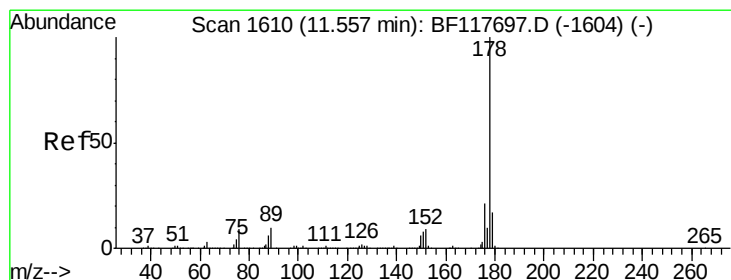
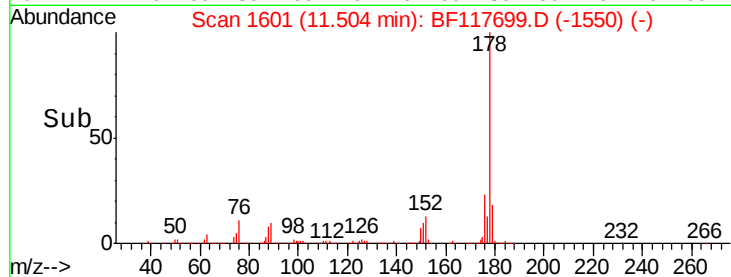
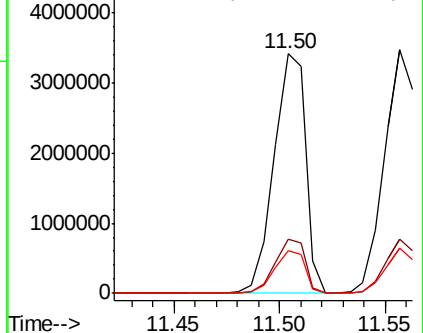
179 17.9 13.8 20.8



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: 55.232 ng

RT: 11.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

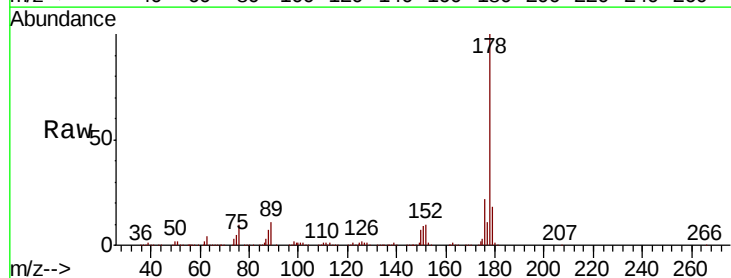
Tgt Ion:178 Resp: 3569792

Ion Ratio Lower Upper

178 100

176 22.3 16.6 25.0

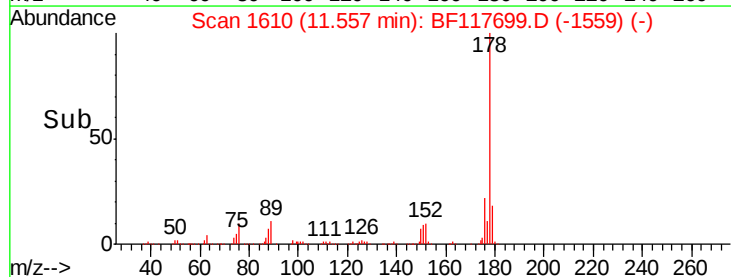
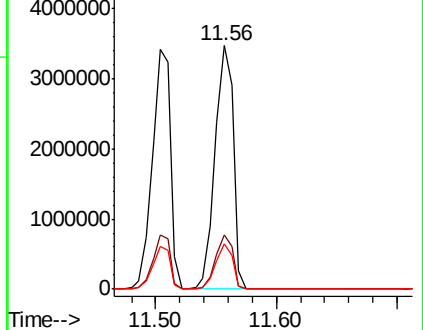
179 18.4 13.5 20.3

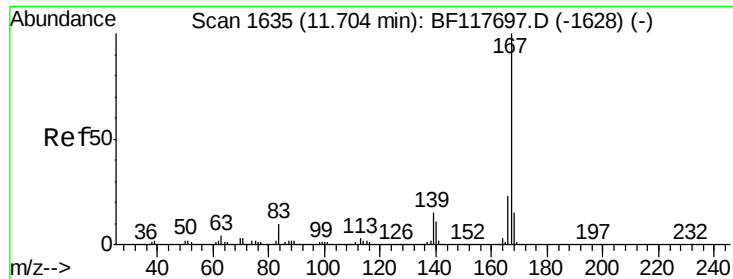


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

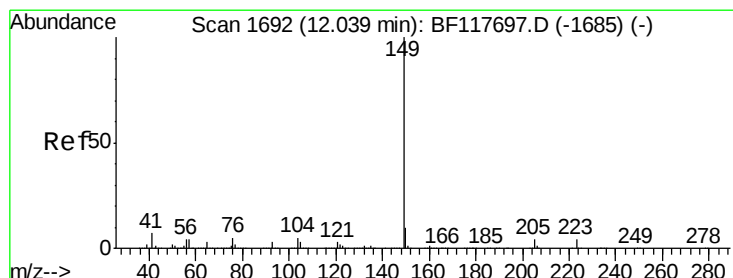
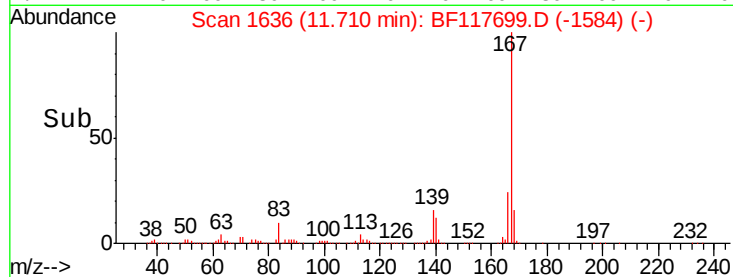
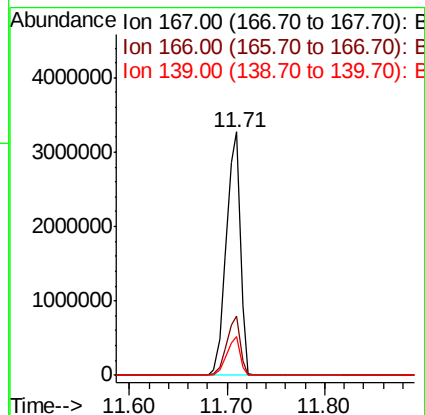
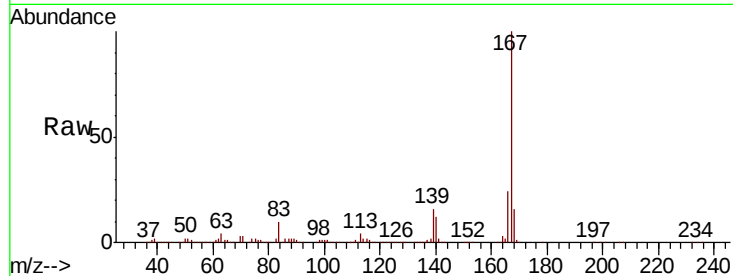




#73  
 Carbazole  
 Concen: 55.537 ng  
 RT: 11.71 min Scan# 1636  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

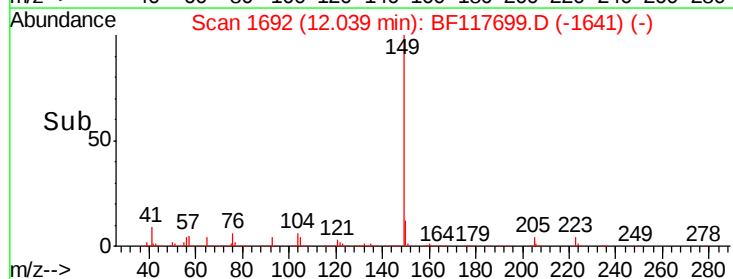
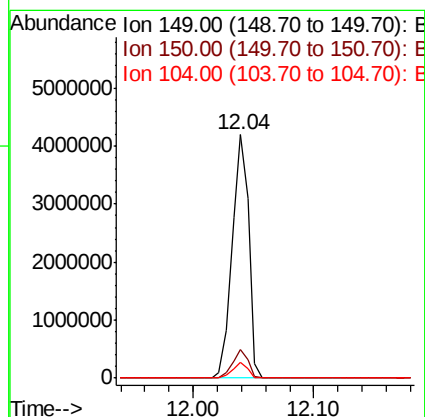
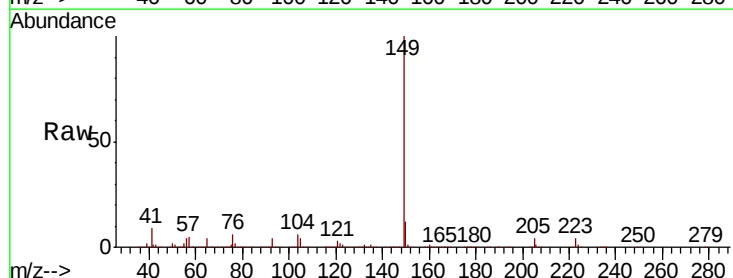
Instrument :  
 BNA\_F  
 ClientSampleId :

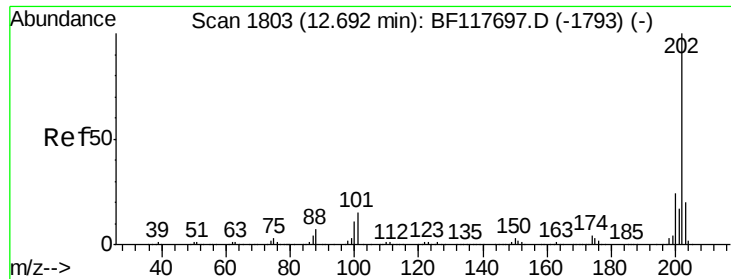
Tot Ion:167 Resp: 3281715  
 Ion Ratio Lower Upper  
 167 100  
 166 24.2 18.6 27.8  
 139 15.8 11.9 17.9



#74  
 Di-n-butylphthalate  
 Concen: 56.050 ng  
 RT: 12.04 min Scan# 1692  
 Delta R.T. 0.00 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Tgt Ion:149 Resp: 3975385  
 Ion Ratio Lower Upper  
 149 100  
 150 11.6 8.3 12.5  
 104 6.5 4.2 6.4#

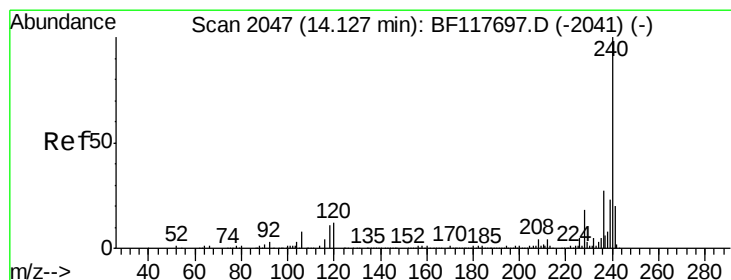
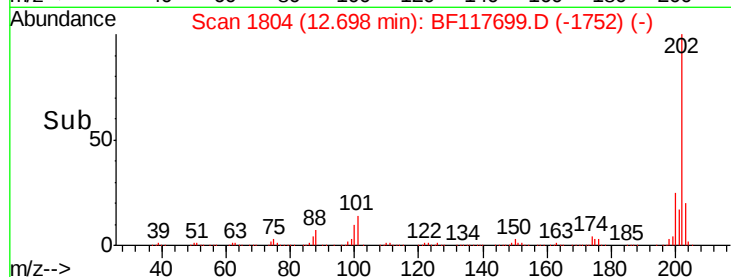
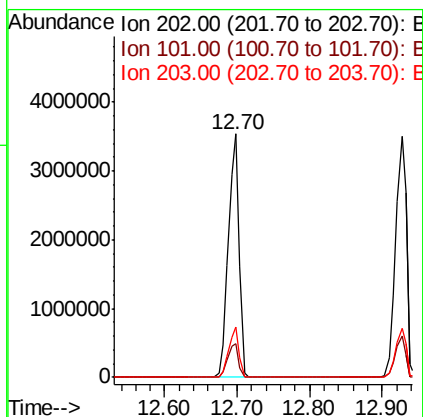
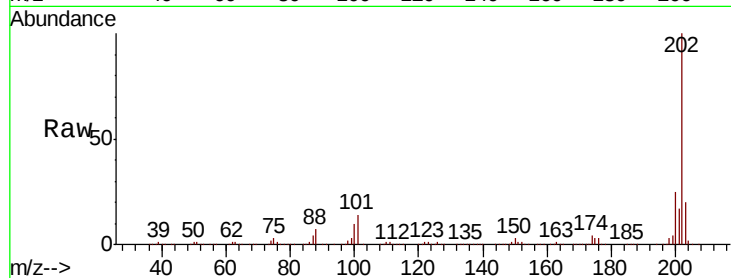




#75  
 Fluoranthene  
 Concen: 55.856 ng  
 RT: 12.70 min Scan# 1804  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

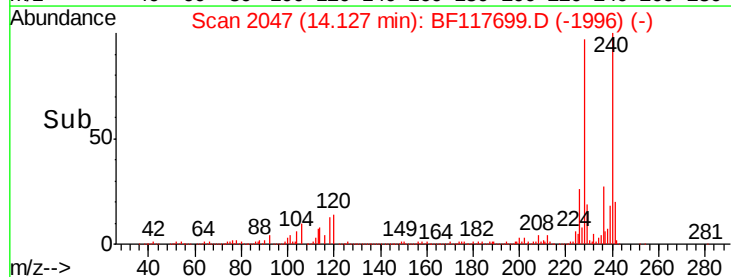
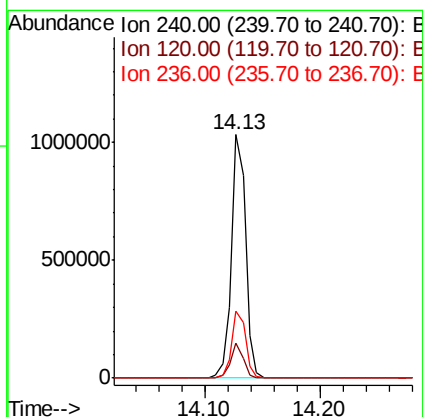
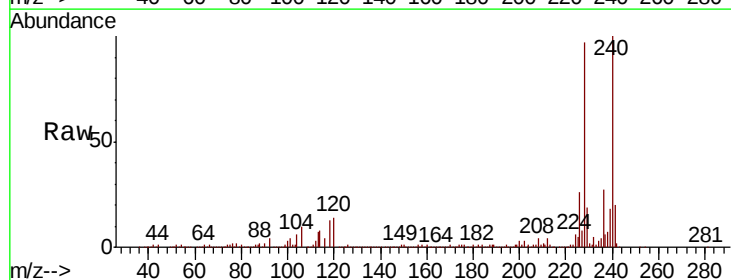
Instrument :  
 BNA\_F  
 ClientSampleId :

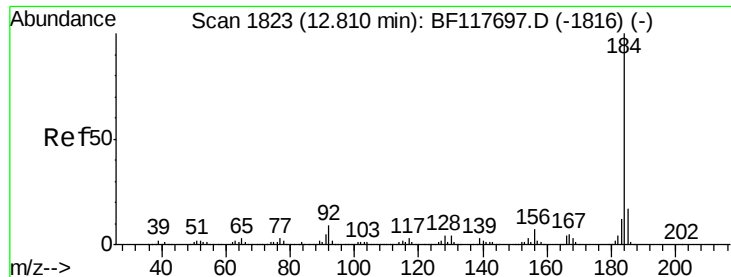
Tot Ion:202 Resp: 3662798  
 Ion Ratio Lower Upper  
 202 100  
 101 13.7 0.0 34.5  
 203 20.5 0.0 39.8



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.13 min Scan# 2047  
 Delta R.T. 0.00 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Tgt Ion:240 Resp: 879145  
 Ion Ratio Lower Upper  
 240 100  
 120 14.2 9.7 14.5  
 236 27.5 21.9 32.9





#77

Benzidine

Concen: 101.449 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

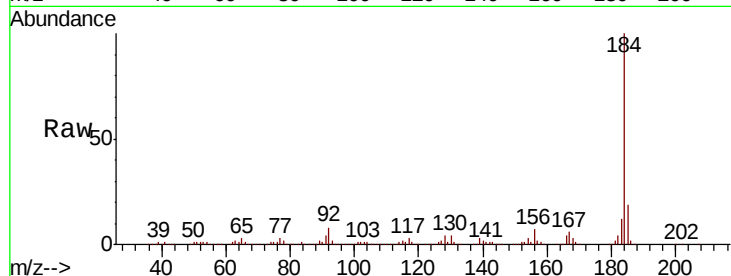
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:184 Resp: 1753065

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 18.5  | 13.3  | 19.9  |
| 183 | 12.3  | 9.6   | 14.4  |

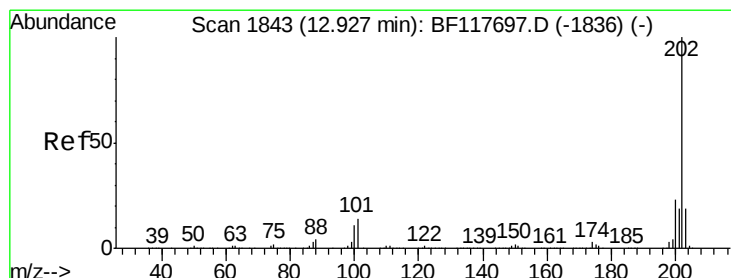
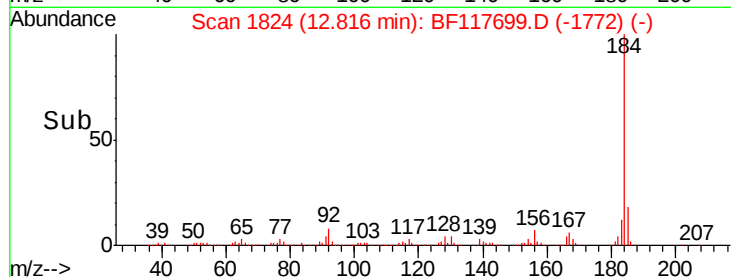
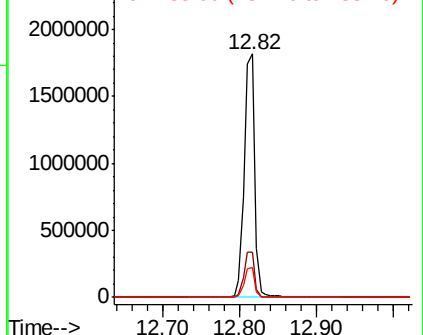


Abundance

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: 59.938 ng

RT: 12.93 min Scan# 1843

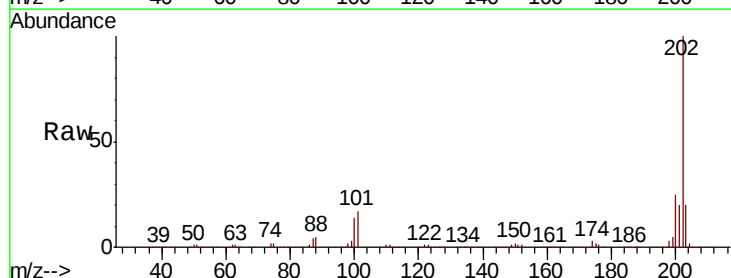
Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Tgt Ion:202 Resp: 3704211

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 24.9  | 18.8  | 28.2  |
| 203 | 20.2  | 15.2  | 22.8  |

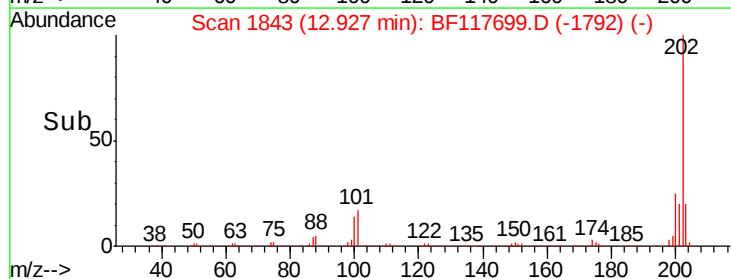
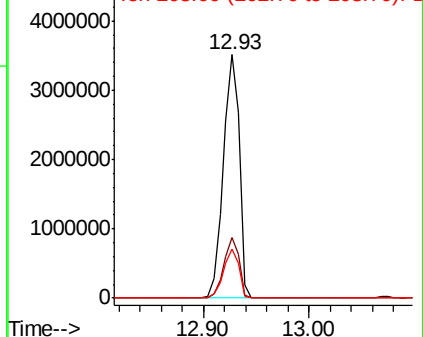


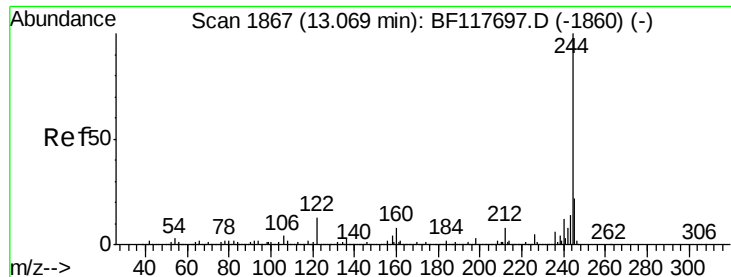
Abundance

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: 110.954 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

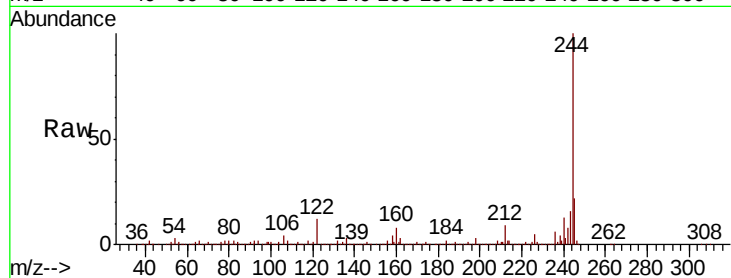
Tot Ion:244 Resp: 4697404

Ion Ratio Lower Upper

244 100

212 8.5 6.4 9.6

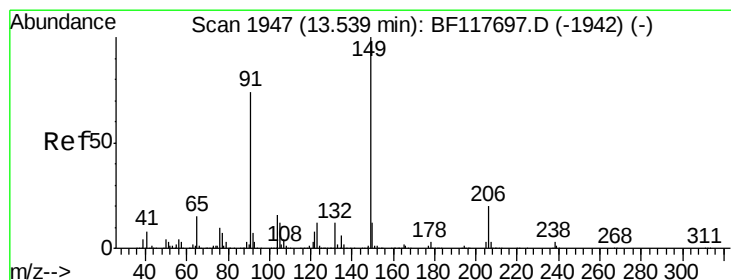
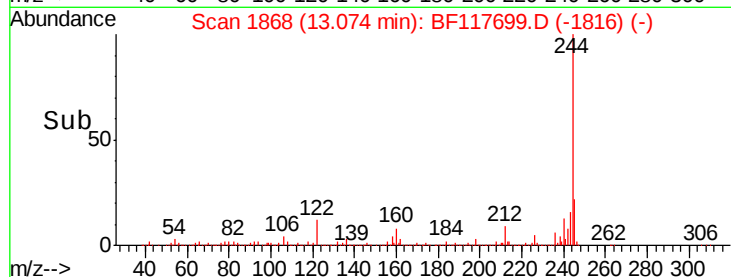
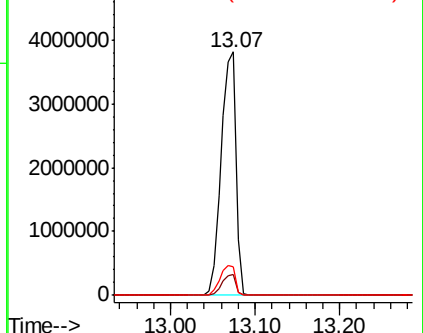
122 11.9 10.0 15.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 63.687 ng

RT: 13.55 min Scan# 1948

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

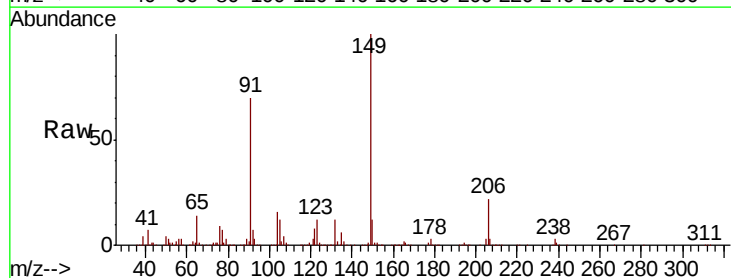
Tgt Ion:149 Resp: 1788751

Ion Ratio Lower Upper

149 100

91 70.3 59.1 88.7

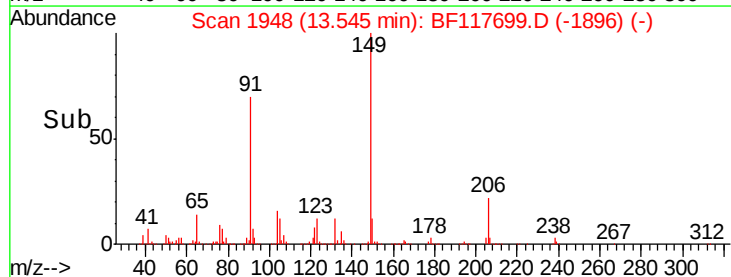
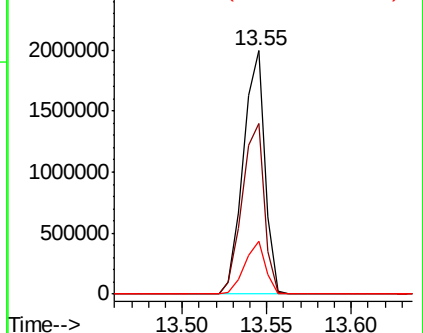
206 21.7 16.1 24.1

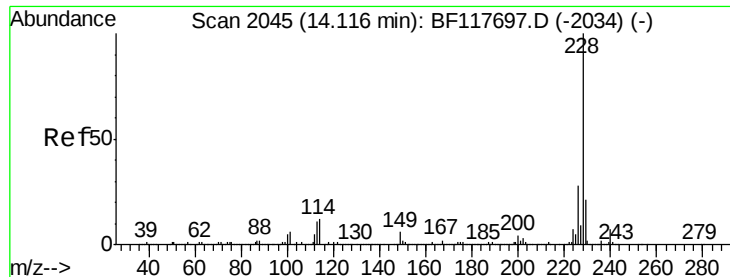


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

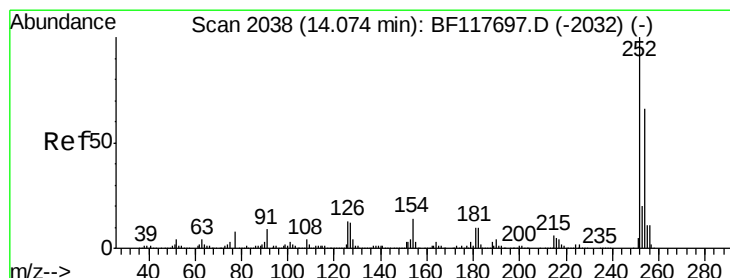
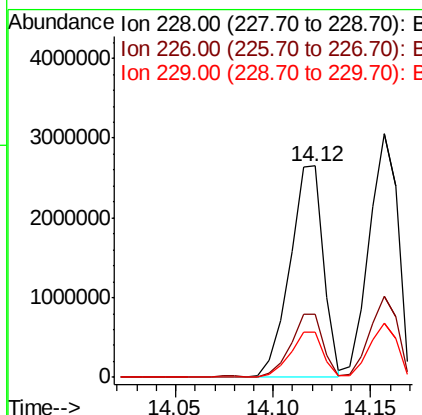
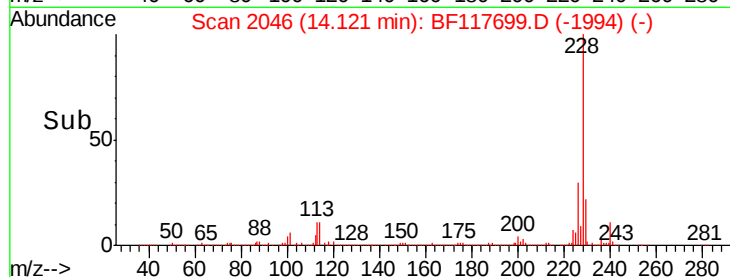
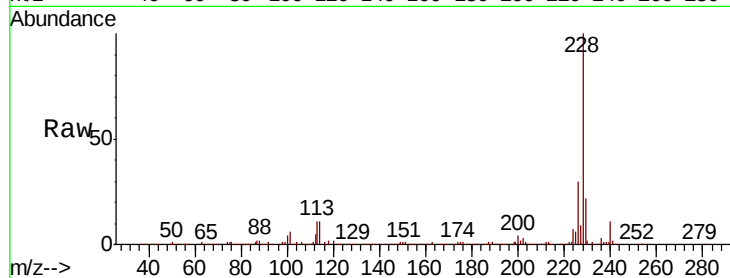




#81  
Benzo(a)anthracene  
Concen: 60.784 ng  
RT: 14.12 min Scan# 2046  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

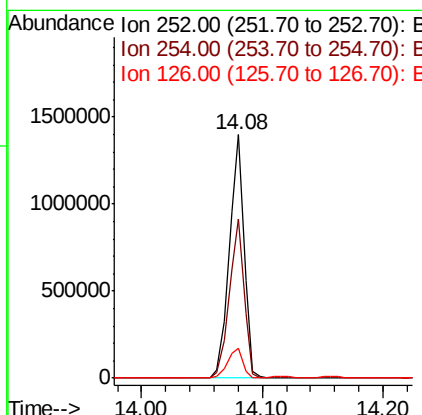
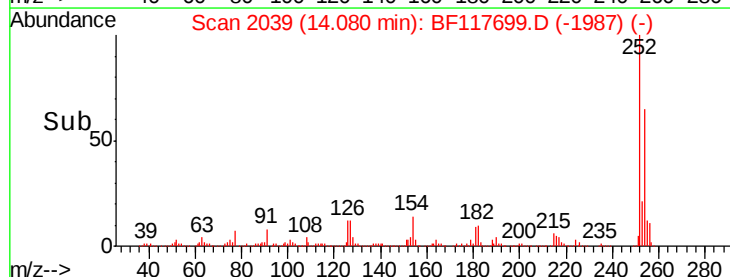
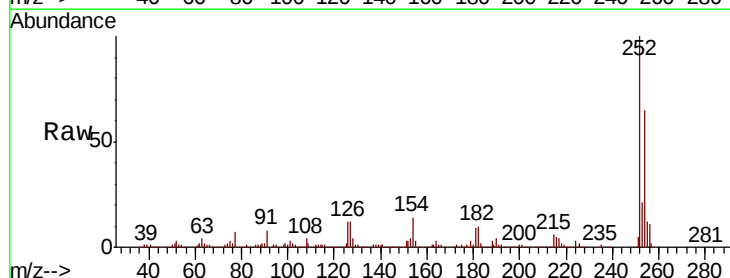
Instrument :  
BNA\_F  
ClientSampleId :

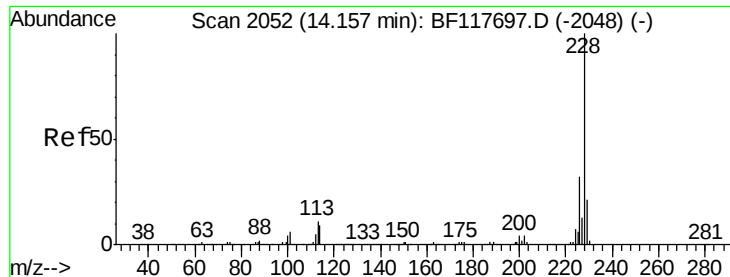
Tot Ion:228 Resp: 3149408  
Ion Ratio Lower Upper  
228 100  
226 29.7 22.8 34.2  
229 21.6 16.9 25.3



#82  
3,3'-Dichlorobenzidine  
Concen: 63.597 ng  
RT: 14.08 min Scan# 2039  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion:252 Resp: 1188034  
Ion Ratio Lower Upper  
252 100  
254 65.4 53.1 79.7  
126 12.2 10.3 15.5





#83

Chrvsene

Concen: 61.078 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

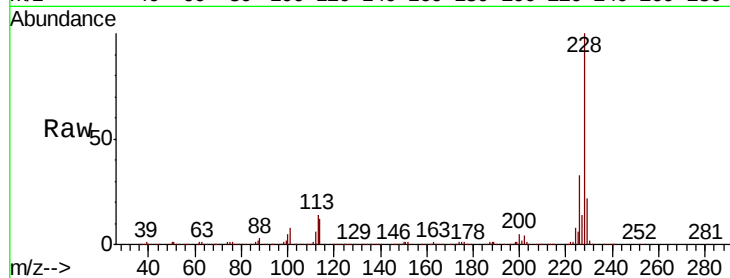
Tot Ion:228 Resp: 3113308

Ion Ratio Lower Upper

228 100

226 33.4 25.4 38.2

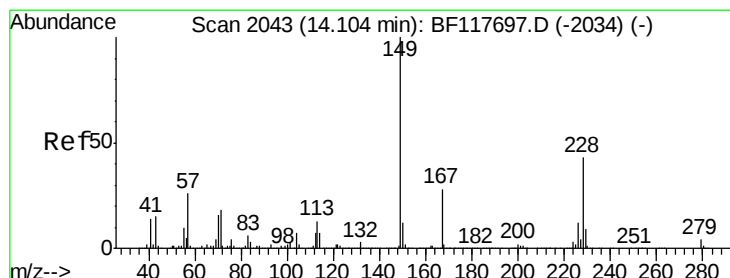
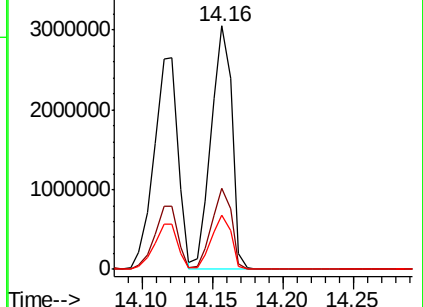
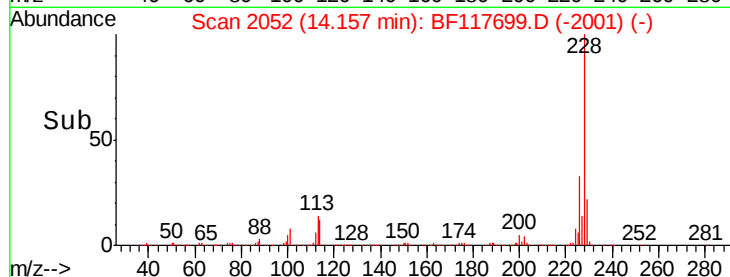
229 22.2 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.154 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

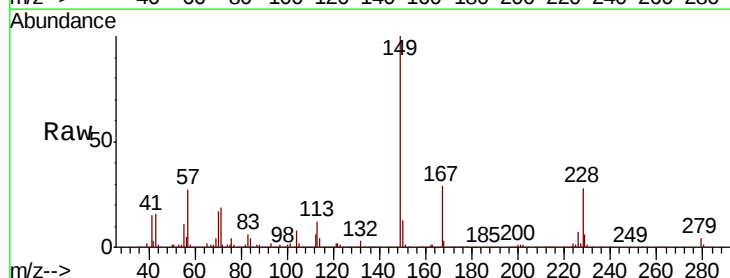
Tgt Ion:149 Resp: 2234236

Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.2

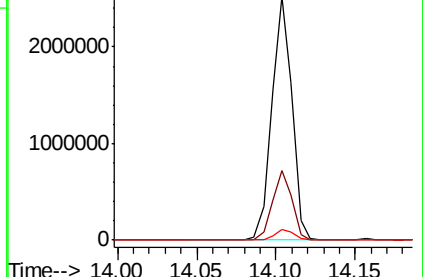
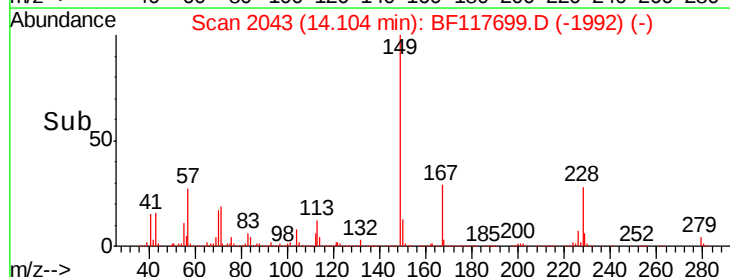
279 4.3 3.4 5.2

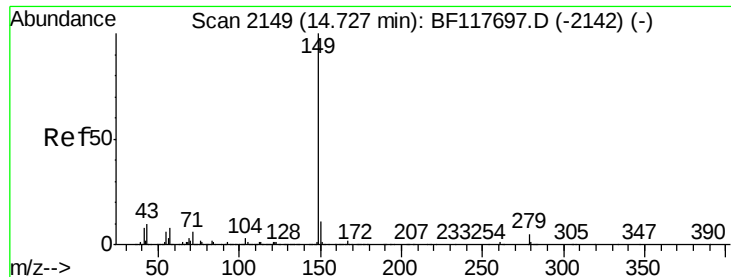


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

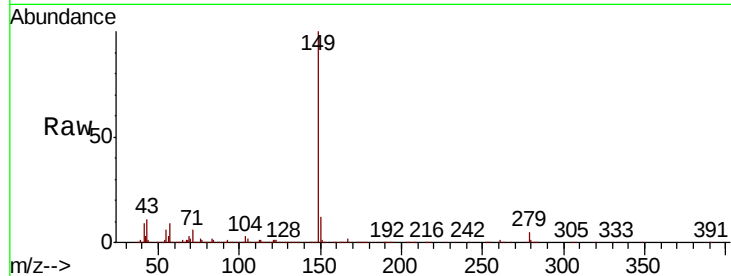




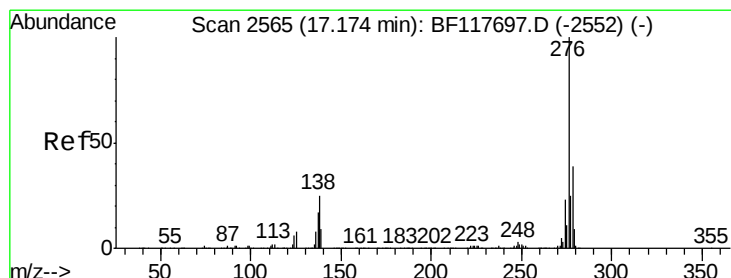
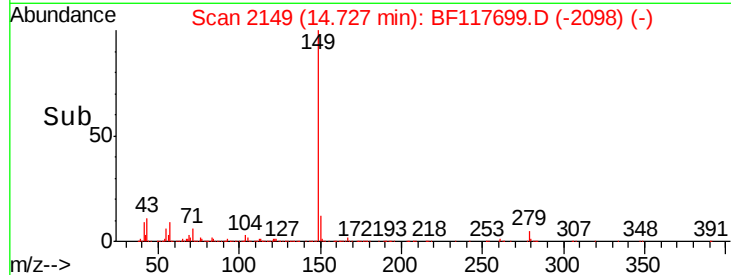
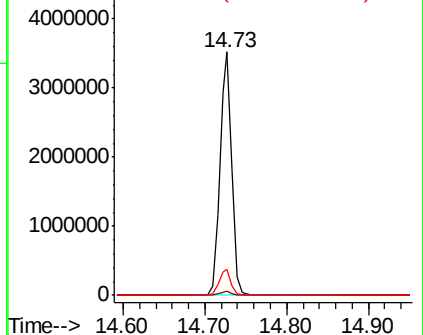
#85  
Di-n-octyl phthalate  
Concen: 63.131 ng  
RT: 14.73 min Scan# 2149  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:149 Resp: 3520105  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 10.7 8.4 12.6

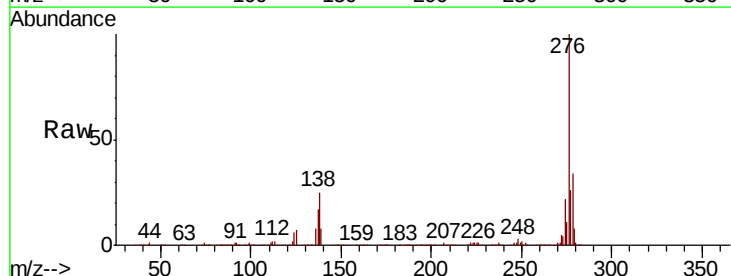


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

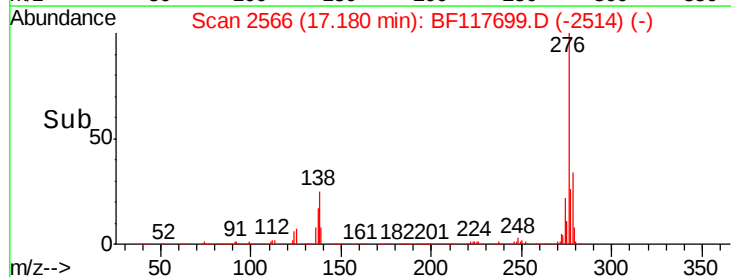
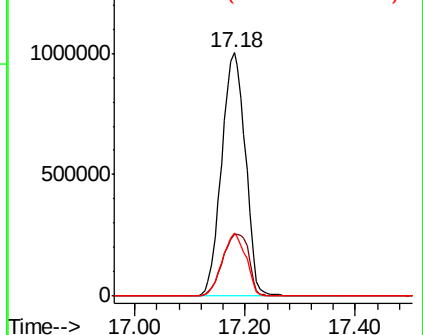


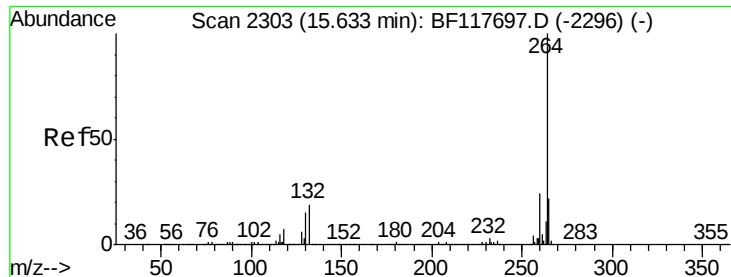
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 63.495 ng  
RT: 17.18 min Scan# 2566  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion:276 Resp: 3035388  
Ion Ratio Lower Upper  
276 100  
138 28.2 22.4 33.6  
277 25.8 20.6 30.8



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



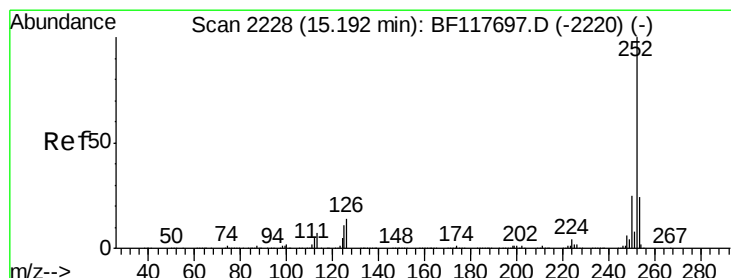
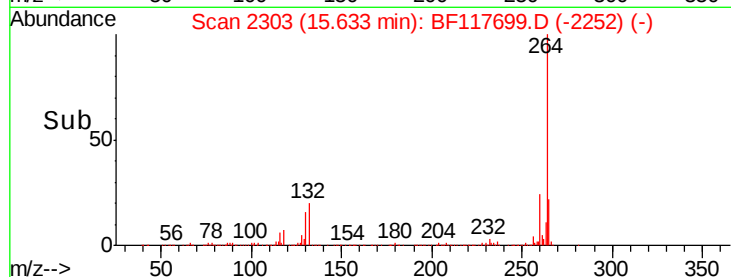
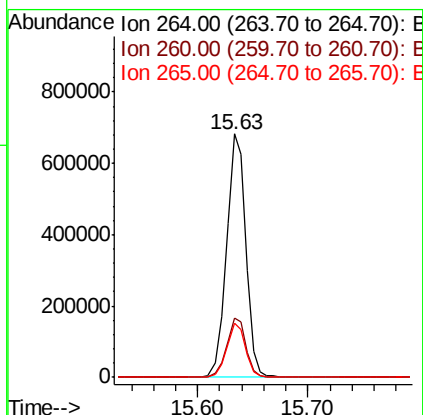
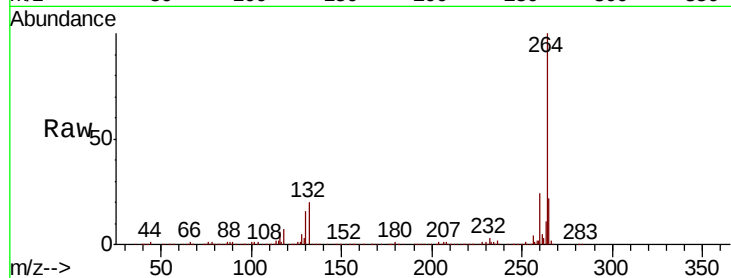


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.63 min Scan# 2303  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:264 Resp: 835992  

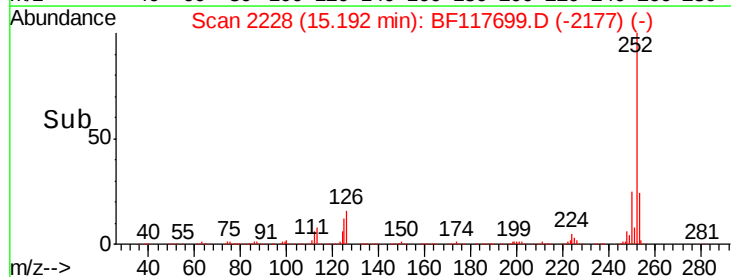
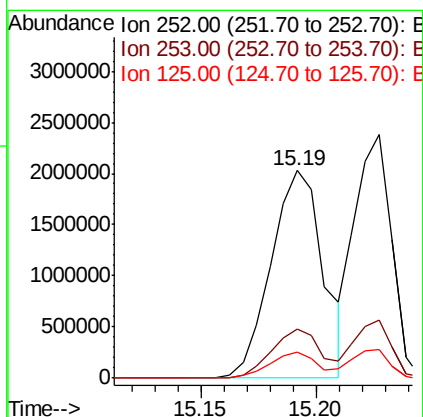
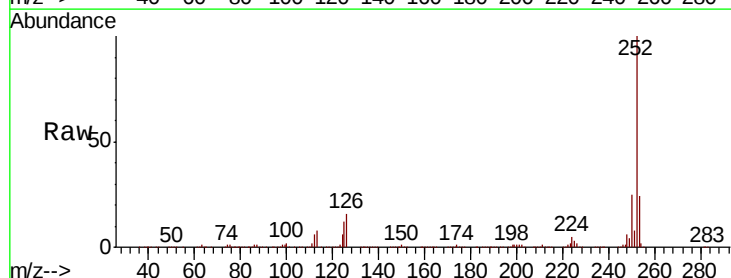
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.2  | 18.8  | 28.2  |
| 265 | 22.3  | 17.7  | 26.5  |

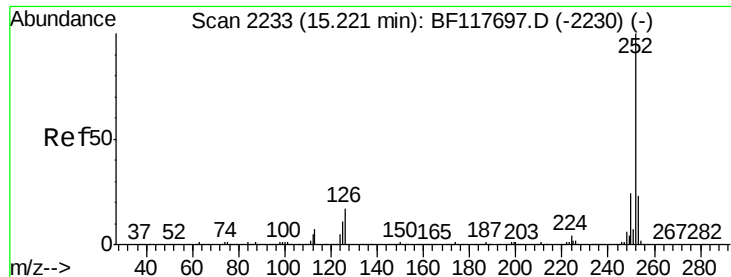


#88  
Benzo(b)fluoranthene  
Concen: 63.942 ng  
RT: 15.19 min Scan# 2228  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion:252 Resp: 3170286  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.9  | 18.9  | 28.3  |
| 125 | 12.3  | 8.5   | 12.7  |

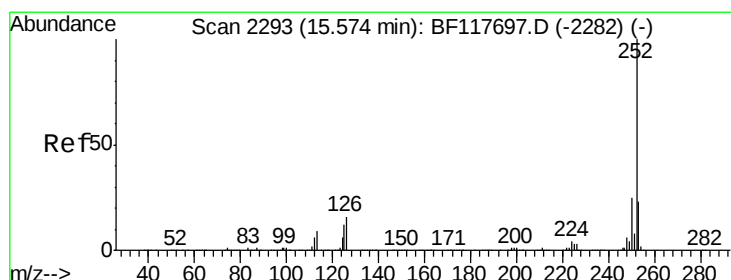
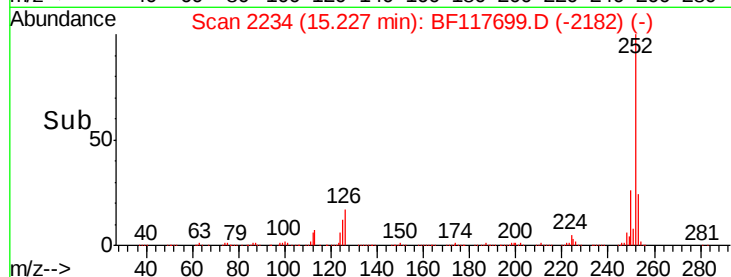
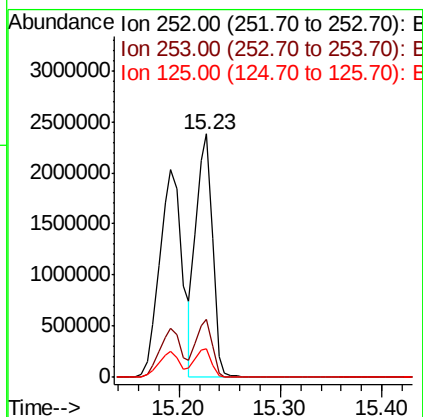
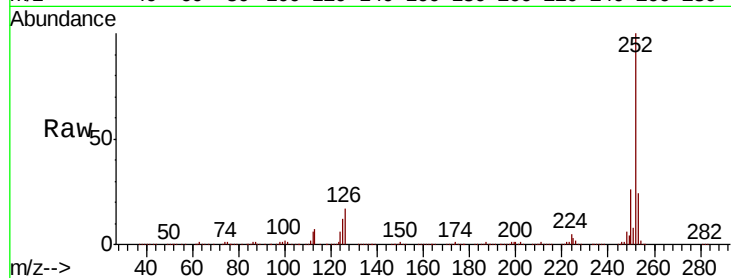




#89  
Benzo(k)fluoranthene  
Concen: 58.137 ng  
RT: 15.23 min Scan# 2234  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

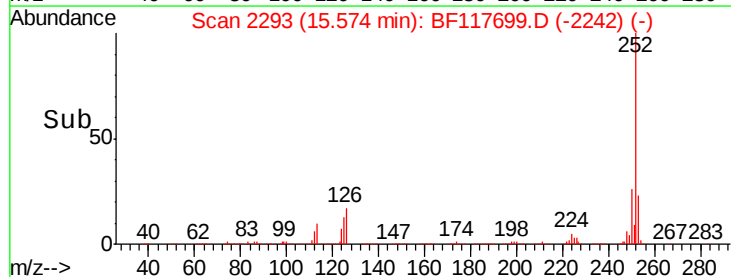
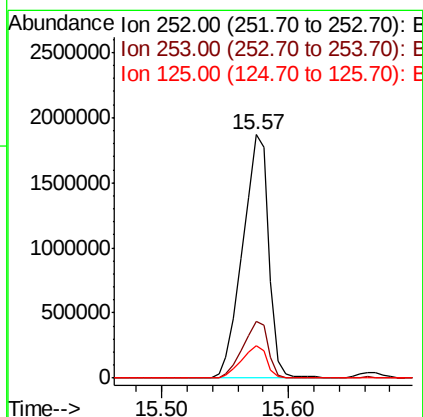
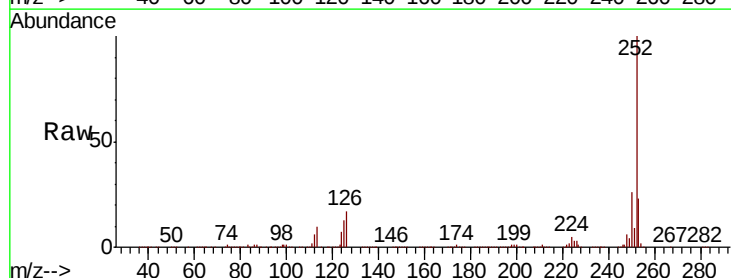
Instrument :  
BNA\_F  
ClientSampleId :

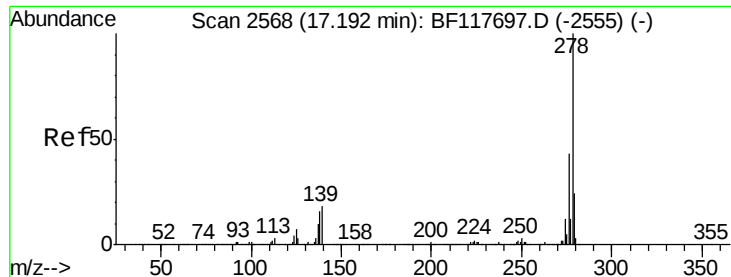
Tot Ion:252 Resp: 2667041  
Ion Ratio Lower Upper  
252 100  
253 24.1 17.9 26.9  
125 11.9 9.1 13.7



#90  
Benzo(a)pyrene  
Concen: 61.260 ng  
RT: 15.57 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion:252 Resp: 2668514  
Ion Ratio Lower Upper  
252 100  
253 23.5 18.0 27.0  
125 13.4 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 63.823 ng

RT: 17.20 min Scan# 2570

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

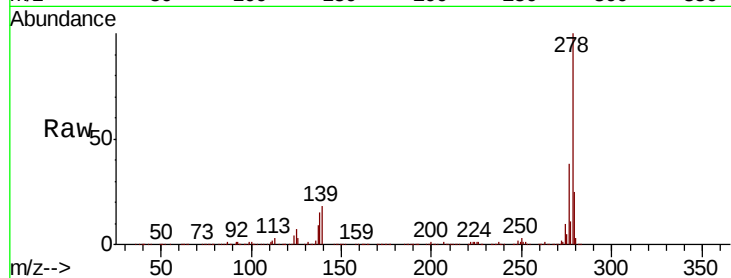
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:278 Resp: 2474753

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 18.1  | 14.3  | 21.5  |
| 279 | 25.2  | 19.0  | 28.6  |

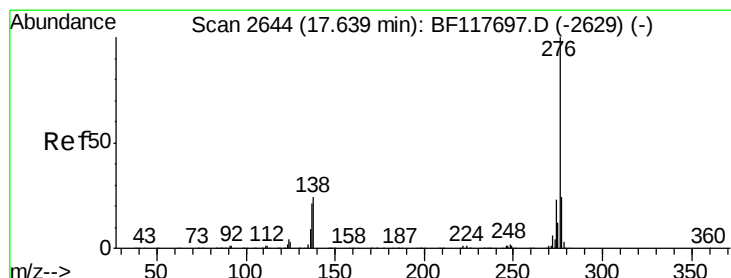
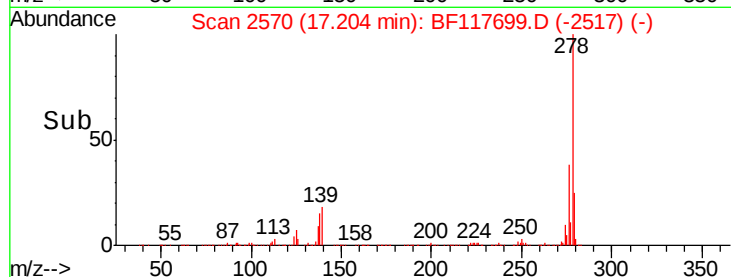
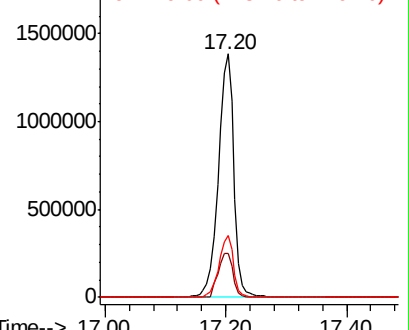


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 64.250 ng

RT: 17.65 min Scan# 2646

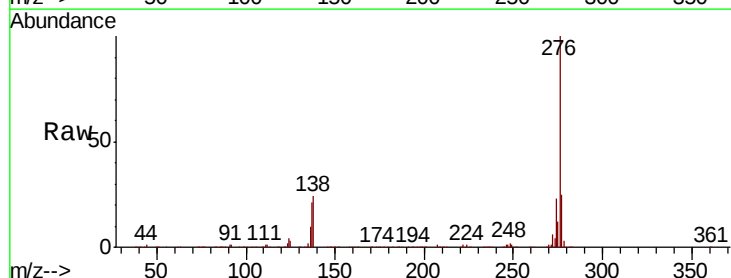
Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Tgt Ion:276 Resp: 2434770

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.5  | 19.4  | 29.0  |
| 138 | 24.1  | 19.2  | 28.8  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

