

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\  
 Data File : BF115561.D  
 Acq On : 15 Jul 2019 17:26  
 Operator : HP/JU  
 Sample : PB121222BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121222BS

Quant Time: Jul 16 03:31:50 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 14:03:52 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.88  | 152  | 169675   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.16  | 136  | 677436   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.92  | 164  | 338658   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.40 | 188  | 660715   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.04 | 240  | 440808   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.50 | 264  | 409630   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.52  | 112  | 1281108  | 123.50 | ng    | 0.01     |
| 7) Phenol-d6                | 6.52  | 99   | 1613199  | 122.56 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.44  | 82   | 1037385  | 89.04  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.71 | 330  | 518909   | 131.27 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.24  | 172  | 1949833  | 100.77 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.99 | 244  | 2060946  | 86.27  | ng    | -0.01    |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.80 | 88   | 210584   | 40.698 | ng    | 99     |
| 3) Pyridine                    | 3.53 | 79   | 544427   | 38.781 | ng    | 99     |
| 4) n-Nitrosodimethylamine      | 3.48 | 42   | 209344   | 41.105 | ng    | 97     |
| 6) Aniline                     | 6.55 | 93   | 596776   | 32.580 | ng    | 98     |
| 8) 2-Chlorophenol              | 6.67 | 128  | 516943   | 43.345 | ng    | 99     |
| 9) Benzaldehyde                | 6.43 | 77   | 378861   | 46.061 | ng    | 98     |
| 10) Phenol                     | 6.53 | 94   | 644995   | 42.213 | ng    | 84     |
| 11) bis(2-Chloroethyl)ether    | 6.62 | 93   | 487195   | 41.880 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 6.82 | 146  | 561944   | 41.908 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 6.90 | 146  | 572211   | 42.770 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 7.05 | 146  | 529826   | 43.322 | ng    | 98     |
| 15) Benzyl Alcohol             | 7.02 | 79   | 467472   | 44.771 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.16 | 45   | 649318   | 42.396 | ng    | 97     |
| 17) 2-Methylphenol             | 7.13 | 107  | 450862   | 43.867 | ng    | 98     |
| 18) Hexachloroethane           | 7.40 | 117  | 209430   | 42.175 | ng    | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70   | 356073   | 41.479 | ng    | 97     |
| 20) 3+4-Methylphenols          | 7.28 | 107  | 528664   | 43.304 | ng    | 96     |
| 22) Acetophenone               | 7.29 | 105  | 707066   | 46.201 | ng    | 98     |
| 24) Nitrobenzene               | 7.46 | 77   | 566825   | 45.108 | ng    | 98     |
| 25) Isophorone                 | 7.70 | 82   | 1040314  | 44.624 | ng    | 99     |
| 26) 2-Nitrophenol              | 7.77 | 139  | 297990   | 46.072 | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 7.81 | 122  | 503698   | 52.048 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.91 | 93   | 642620   | 44.933 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 8.02 | 162  | 471276   | 46.825 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.10 | 180  | 514104   | 45.189 | ng    | 99     |
| 31) Naphthalene                | 8.19 | 128  | 1529293  | 46.613 | ng    | 98     |
| 32) Benzoic acid               | 7.94 | 122  | 342036   | 43.066 | ng    | 99     |
| 33) 4-Chloroaniline            | 8.23 | 127  | 386408   | 26.589 | ng    | 98     |
| 34) Hexachlorobutadiene        | 8.31 | 225  | 286730   | 43.949 | ng    | 98     |
| 35) Caprolactam                | 8.60 | 113  | 150882m  | 48.513 | ng    |        |
| 36) 4-Chloro-3-methylphenol    | 8.71 | 107  | 487822   | 46.726 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 8.87 | 142  | 1033591  | 47.527 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 8.97 | 142  | 970684   | 46.991 | ng    | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.05 | 216  | 459815   | 45.088 | ng    | 98     |

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 Sample : PB121222BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

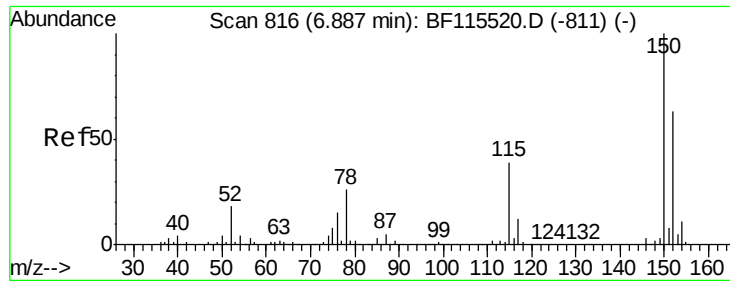
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121222BS

Quant Time: Jul 16 03:31:50 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 14:03:52 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.03  | 237  | 475361   | 81.713 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.15  | 196  | 343237   | 46.024 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.19  | 196  | 347486   | 45.497 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.34  | 154  | 1243671  | 46.974 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.37  | 162  | 998365   | 45.287 | ng    | 96       |
| 48) 2-Nitroaniline             | 9.46  | 65   | 296422   | 43.442 | ng    | 98       |
| 49) Acenaphthylene             | 9.78  | 152  | 1514036  | 46.349 | ng    | 98       |
| 50) Dimethylphthalate          | 9.64  | 163  | 1156849  | 45.403 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.70  | 165  | 269126   | 46.478 | ng    | 99       |
| 52) Acenaphthene               | 9.96  | 154  | 1059251  | 50.226 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.86  | 138  | 188521   | 28.490 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 9.97  | 184  | 283056   | 95.212 | ng    | 96       |
| 55) Dibenzofuran               | 10.13 | 168  | 1340738  | 44.766 | ng    | 100      |
| 56) 4-Nitrophenol              | 10.03 | 139  | 488990   | 96.910 | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 10.10 | 165  | 356649   | 47.542 | ng    | 93       |
| 58) Fluorene                   | 10.47 | 166  | 994858   | 46.466 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.24 | 232  | 305783   | 47.893 | ng    | 99       |
| 60) Diethylphthalate           | 10.35 | 149  | 1099002  | 46.035 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.46 | 204  | 512335   | 43.150 | ng    | 95       |
| 62) 4-Nitroaniline             | 10.49 | 138  | 283389   | 44.648 | ng    | 96       |
| 63) Azobenzene                 | 10.62 | 77   | 1063462  | 45.926 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.51 | 198  | 190782   | 47.261 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 10.58 | 169  | 934276   | 45.458 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.95 | 248  | 332232   | 44.002 | ng    | 95       |
| 68) Hexachlorobenzene          | 11.02 | 284  | 374030   | 43.378 | ng    | 99       |
| 69) Atrazine                   | 11.10 | 200  | 302351   | 44.844 | ng    | 100      |
| 70) Pentachlorophenol          | 11.21 | 266  | 453120   | 85.920 | ng    | 99       |
| 71) Phenanthrene               | 11.43 | 178  | 1513951  | 44.702 | ng    | 98       |
| 72) Anthracene                 | 11.48 | 178  | 1564441  | 44.697 | ng    | 99       |
| 73) Carbazole                  | 11.63 | 167  | 1377213  | 44.870 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.96 | 149  | 1625369  | 42.991 | ng    | 99       |
| 75) Fluoranthene               | 12.62 | 202  | 1587502  | 44.357 | ng    | 98       |
| 77) Benzidine                  | 12.73 | 184  | 832767   | 53.329 | ng    | 100      |
| 78) Pyrene                     | 12.85 | 202  | 1600938  | 42.867 | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.46 | 149  | 684253   | 42.979 | ng    | 96       |
| 81) Benzo(a)anthracene         | 14.03 | 228  | 1257288  | 43.294 | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine     | 13.99 | 252  | 366532   | 35.504 | ng    | 97       |
| 83) Chrysene                   | 14.07 | 228  | 1299627  | 44.580 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 849861   | 43.095 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.63 | 149  | 1462168  | 46.599 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.98 | 276  | 1108348  | 44.750 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.08 | 252  | 1184994  | 44.926 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.11 | 252  | 1147644  | 48.802 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.44 | 252  | 1093685  | 48.242 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.00 | 278  | 917715   | 46.110 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.43 | 276  | 872818   | 43.972 | ng    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

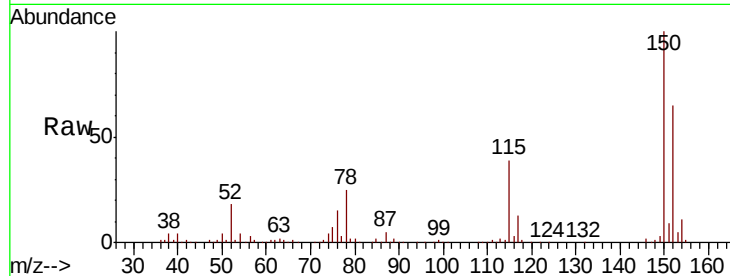
Tot Ion:152 Resp: 169675

Ion Ratio Lower Upper

152 100

150 154.4 129.7 194.5

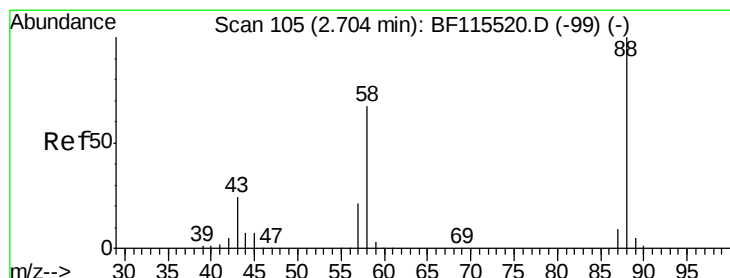
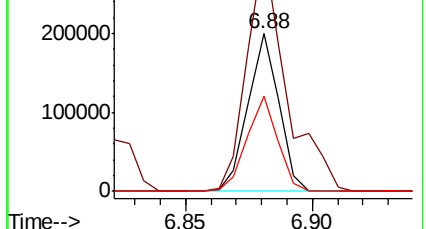
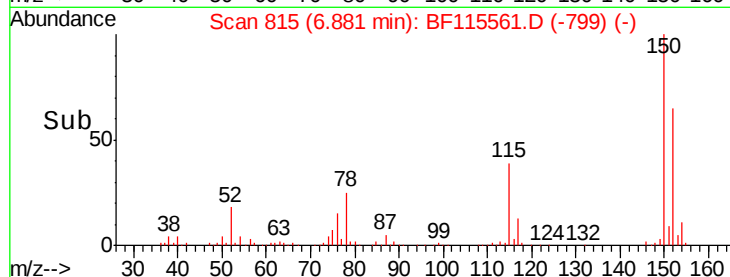
115 60.3 48.2 72.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.698 ng

RT: 2.80 min Scan# 121

Delta R.T. 0.09 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

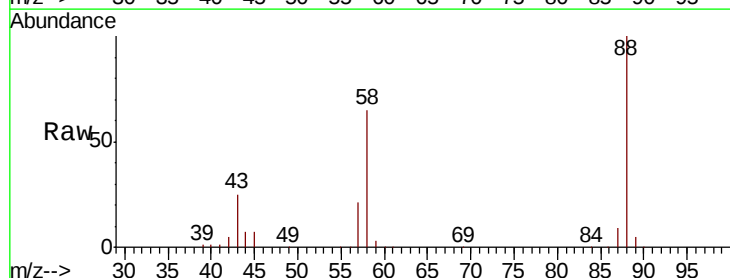
Tgt Ion: 88 Resp: 210584

Ion Ratio Lower Upper

88 100

58 64.7 52.6 79.0

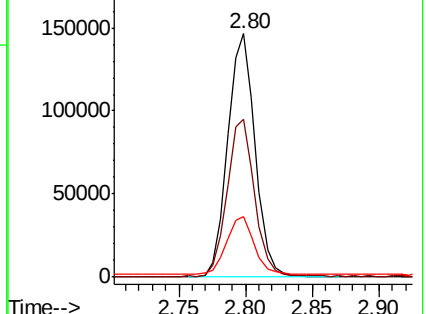
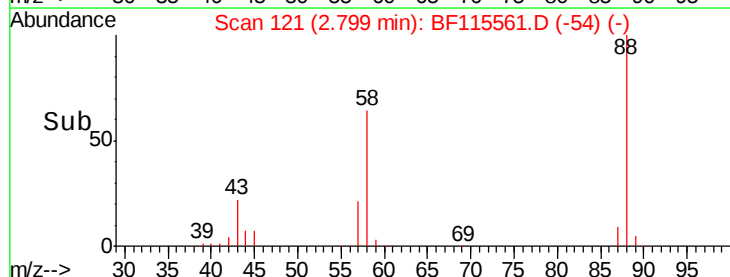
43 24.2 19.1 28.7

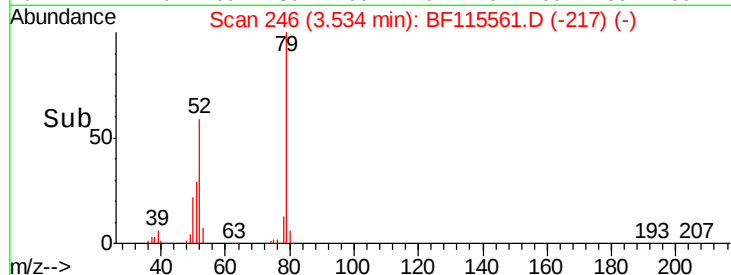
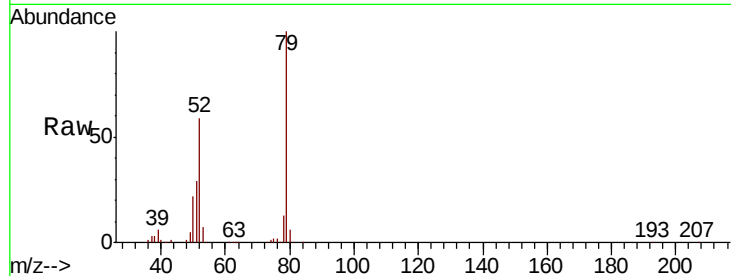
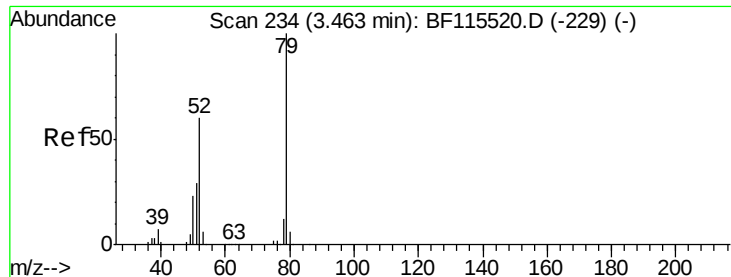


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

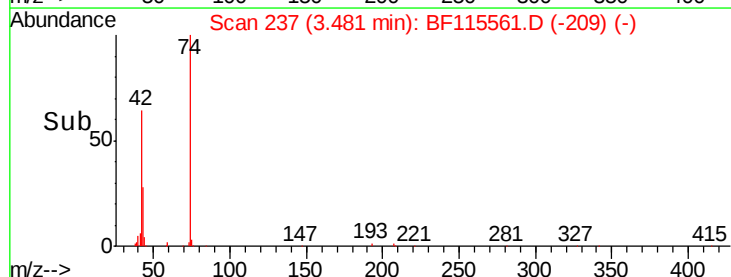
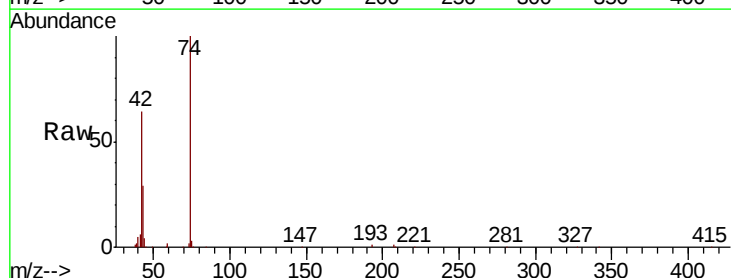
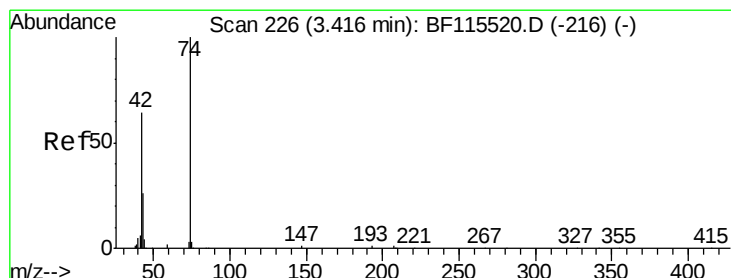
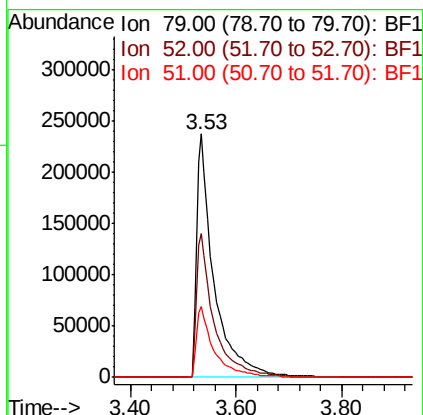




#3  
Pvridine  
Concen: 38.781 ng  
RT: 3.53 min Scan# 246  
Delta R.T. 0.07 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

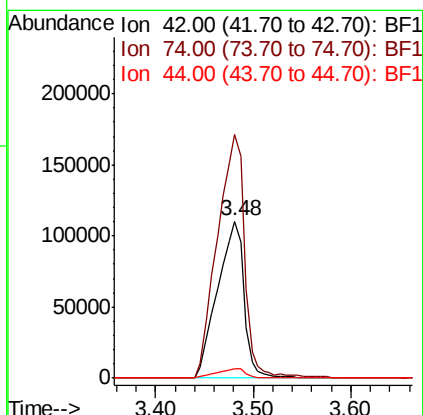
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 59.3  | 47.8  | 71.6  |
| 51      | 29.1  | 23.8  | 35.8  |

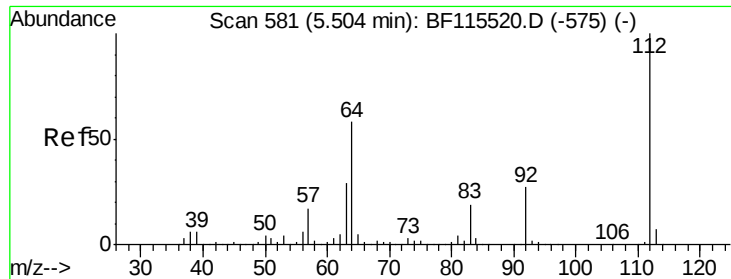
Instrument :  
BNA\_F  
ClientSampleId :  
PB121222BS



#4  
n-Nitrosodimethylamine  
Concen: 41.105 ng  
RT: 3.48 min Scan# 237  
Delta R.T. 0.06 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 155.4 | 127.5 | 191.3 |
| 44      | 6.2   | 5.0   | 7.6   |





#5

2-Fluorophenol

Concen: 123.502 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

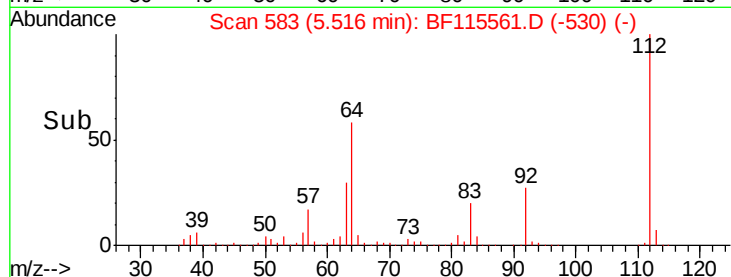
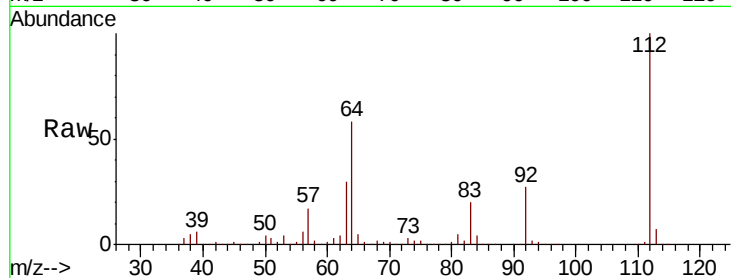
Tot Ion:112 Resp: 1281108

Ion Ratio Lower Upper

112 100

64 58.2 46.8 70.2

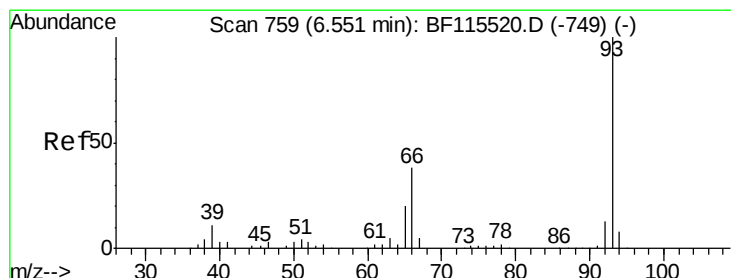
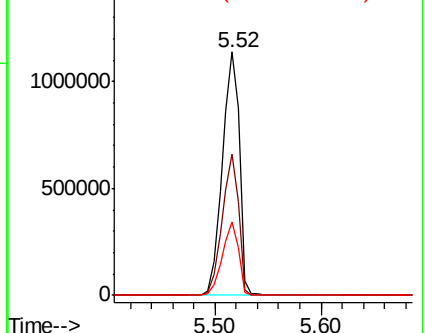
63 29.9 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.580 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

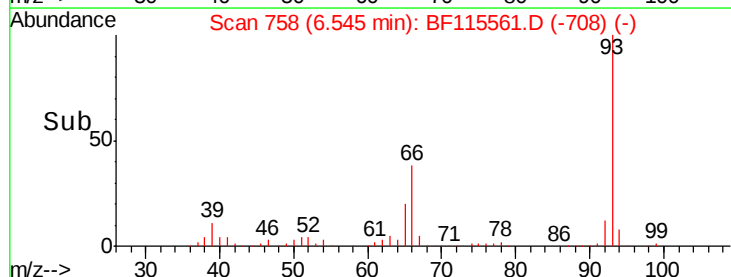
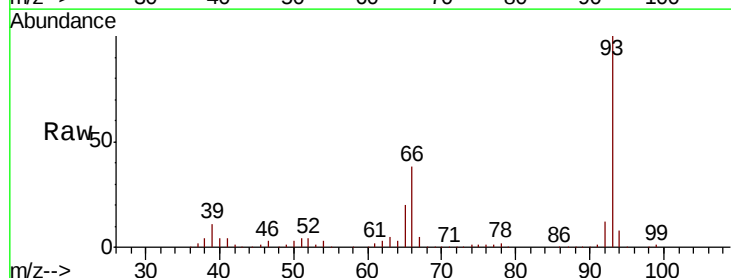
Tgt Ion: 93 Resp: 596776

Ion Ratio Lower Upper

93 100

66 38.0 31.7 47.5

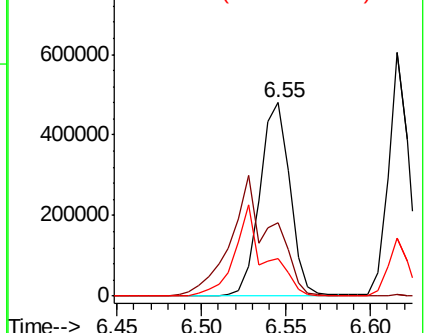
65 19.5 16.2 24.2

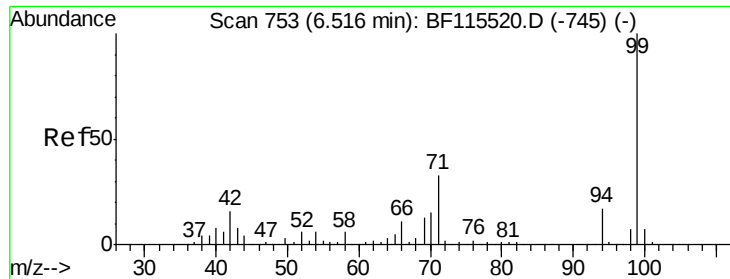


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.562 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

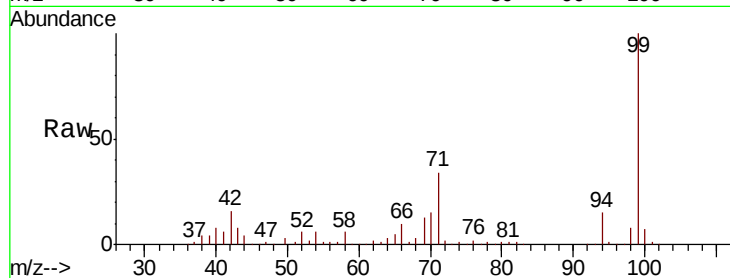
BNA\_F

ClientSampleId :

PB121222BS

Tot Ion: 99 Resp: 1613199

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.0  | 13.6  | 20.4  |
| 71  | 34.0  | 28.5  | 42.7  |

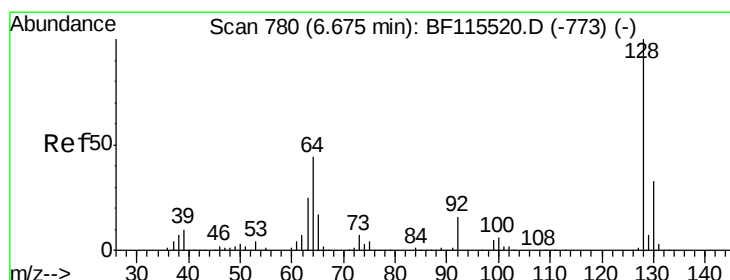
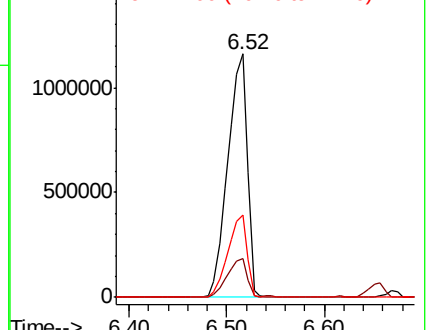
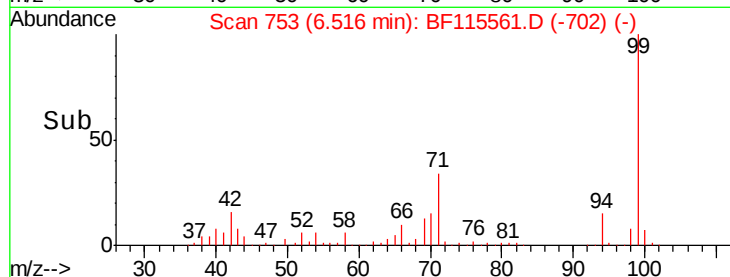


Abundance

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: 43.345 ng

RT: 6.67 min Scan# 779

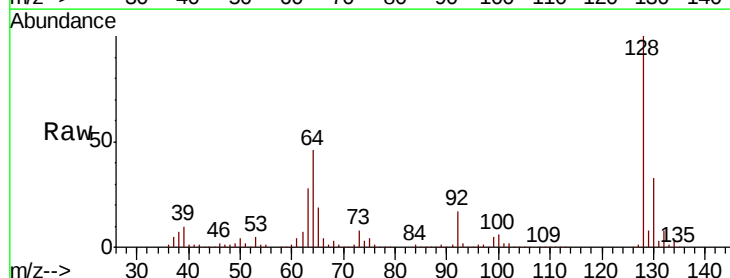
Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Tgt Ion: 128 Resp: 516943

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.7  | 12.8  | 52.8  |
| 64  | 45.8  | 26.8  | 66.8  |

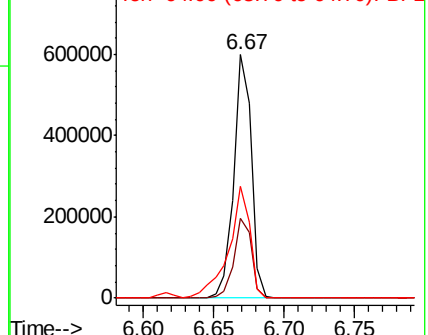
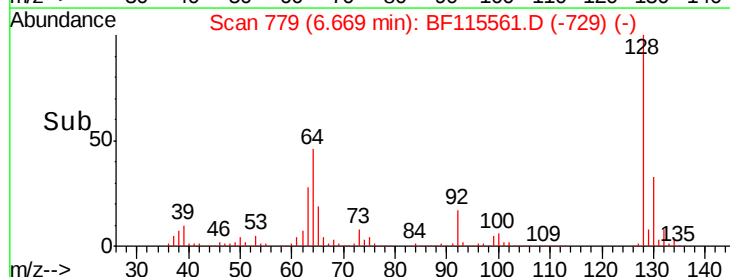


Abundance

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

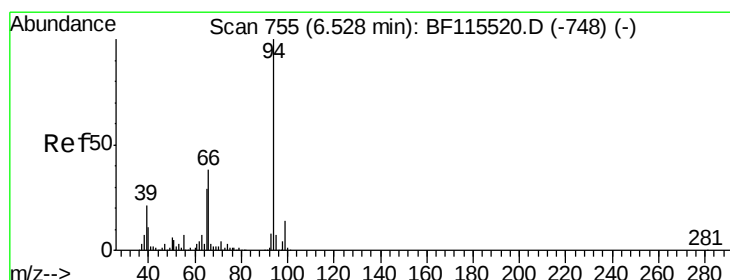
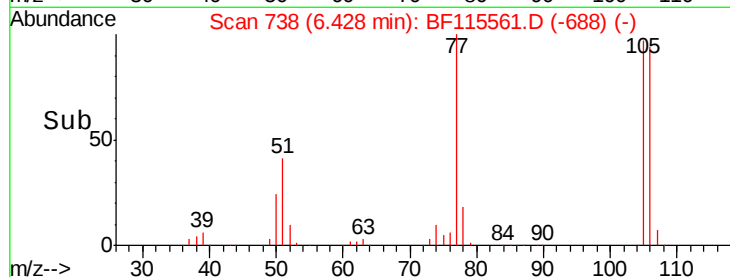
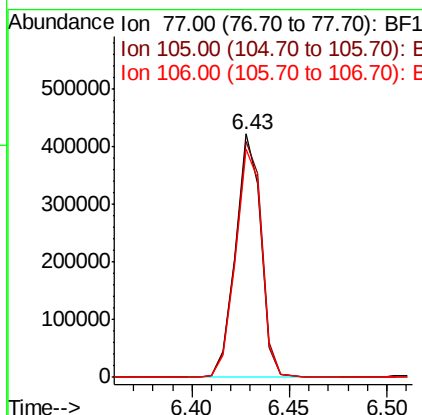
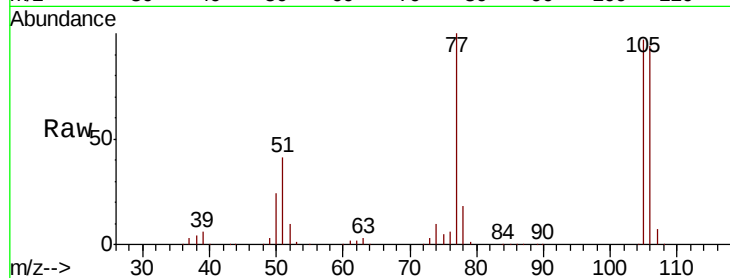




#9  
Benzaldehyde  
Concen: 46.061 ng  
RT: 6.43 min Scan# 738  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

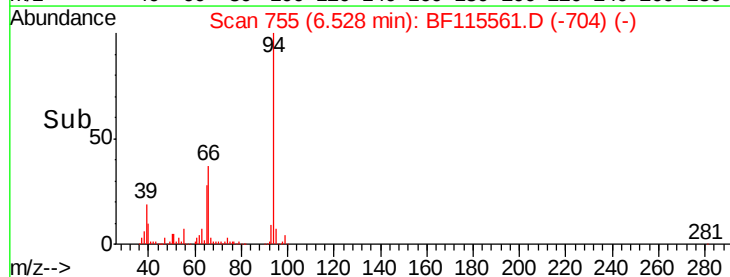
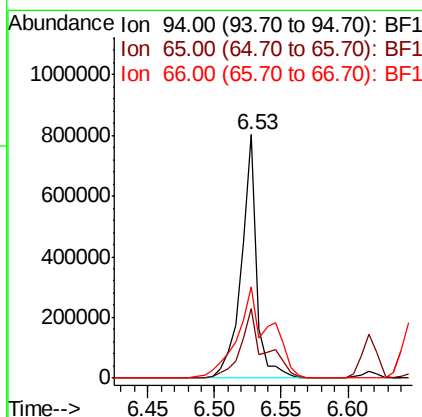
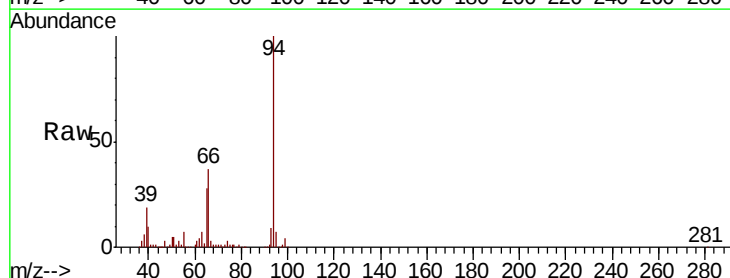
Instrument :  
BNA\_F  
ClientSampleId :  
PB121222BS

Tot Ion: 77 Resp: 378861  
Ion Ratio Lower Upper  
77 100  
105 96.8 78.8 118.8  
106 93.8 75.6 115.6



#10  
Phenol  
Concen: 42.213 ng  
RT: 6.53 min Scan# 755  
Delta R.T. 0.00 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Tgt Ion: 94 Resp: 644995  
Ion Ratio Lower Upper  
94 100  
65 28.4 14.5 54.5  
66 37.4 31.3 71.3

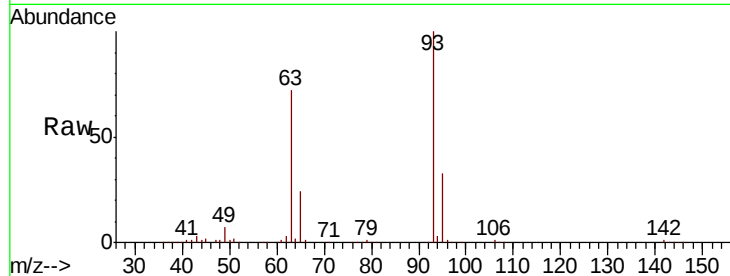




#11  
 bis(2-Chloroethyl)ether  
 Concen: 41.880 ng  
 RT: 6.62 min Scan# 770  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121222BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 71.6  | 52.2  | 92.2  |
| 95      | 32.8  | 12.9  | 52.9  |

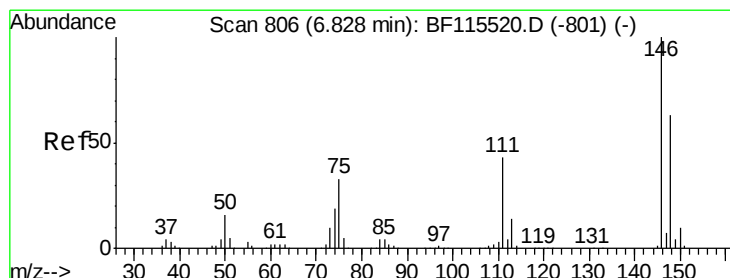
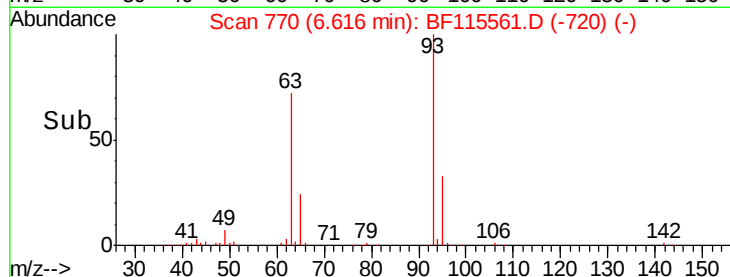
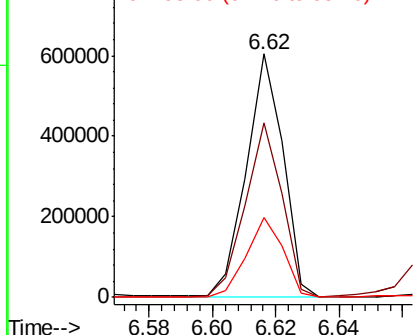


Abundance

Ion 93.00 (92.70 to 93.70): BF1

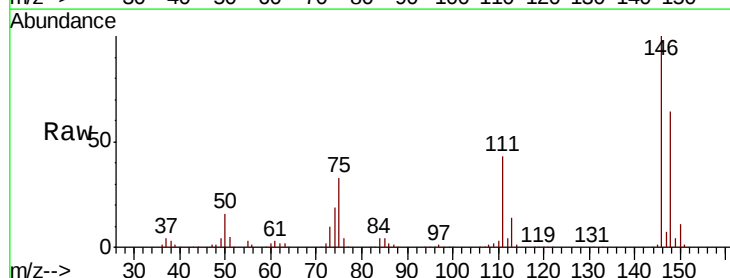
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12  
 1,3-Dichlorobenzene  
 Concen: 41.908 ng  
 RT: 6.82 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 52.1  | 78.1  |
| 75      | 32.8  | 24.9  | 37.3  |

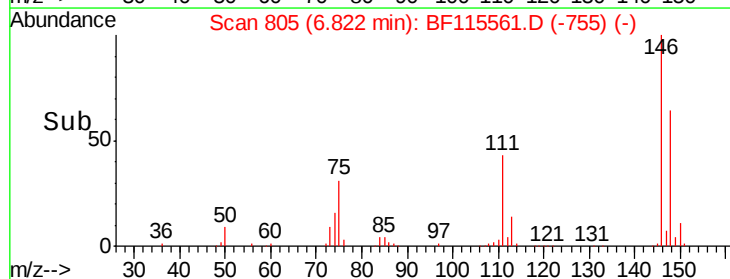
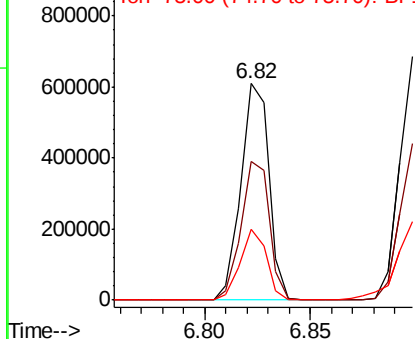


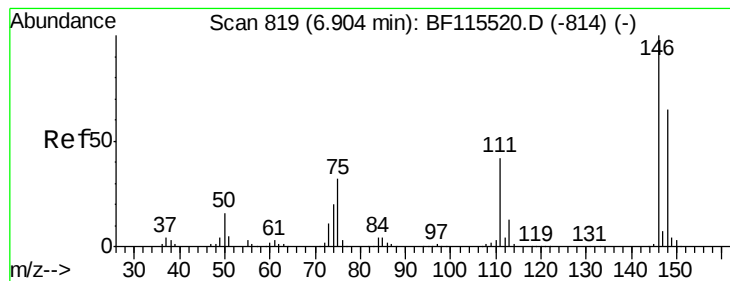
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.770 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleID :

PB121222BS

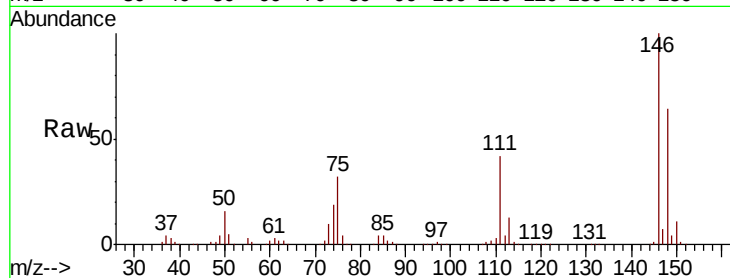
Tot Ion:146 Resp: 572211

Ion Ratio Lower Upper

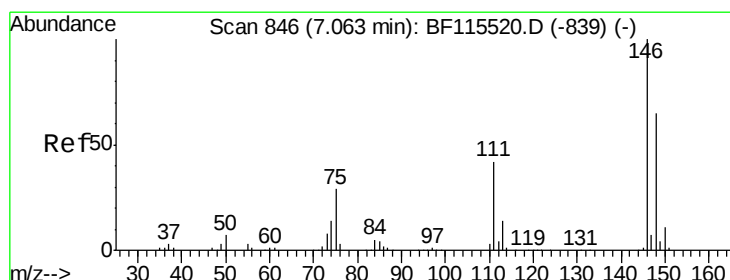
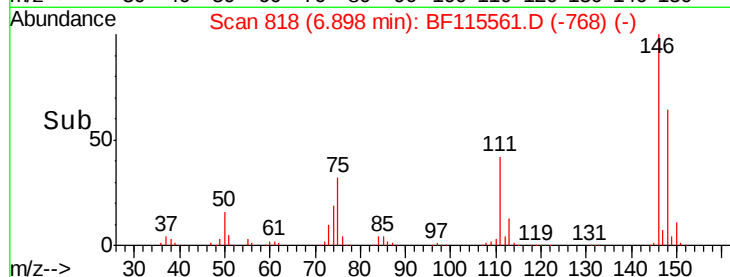
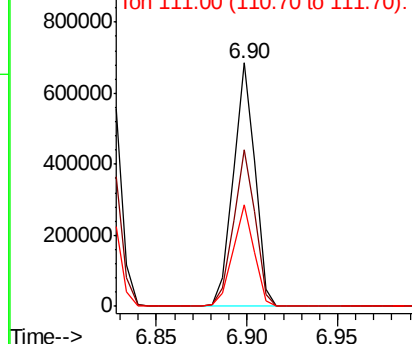
146 100

148 64.3 51.8 77.6

111 41.9 35.5 53.3



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: 43.322 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

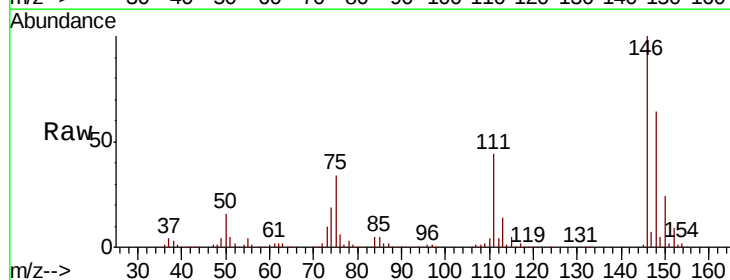
Tgt Ion:146 Resp: 529826

Ion Ratio Lower Upper

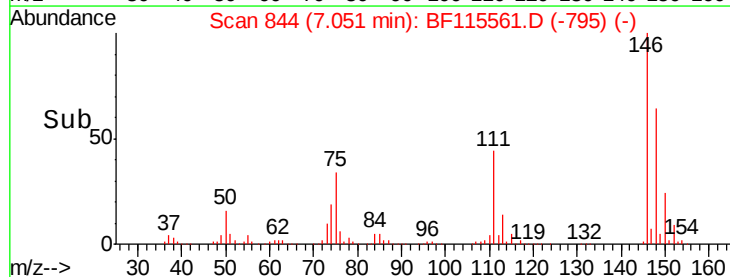
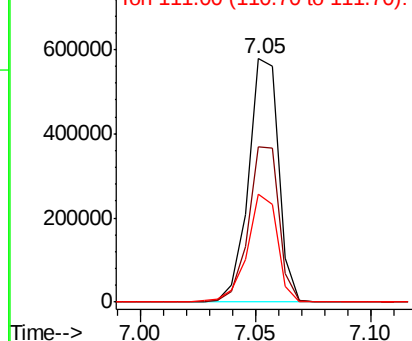
146 100

148 64.0 51.1 76.7

111 44.2 37.6 56.4



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





#15

Benzyl Alcohol

Concen: 44.771 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

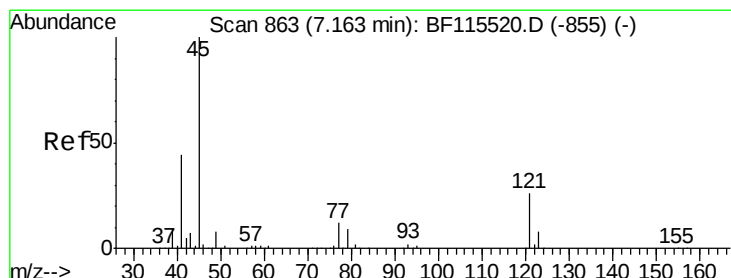
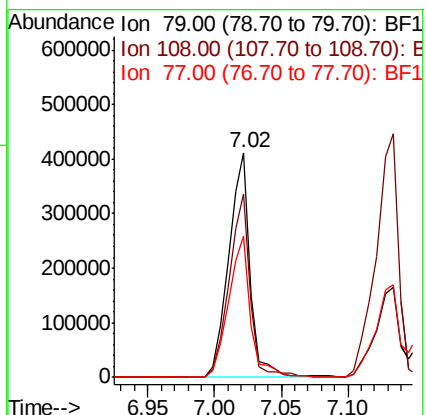
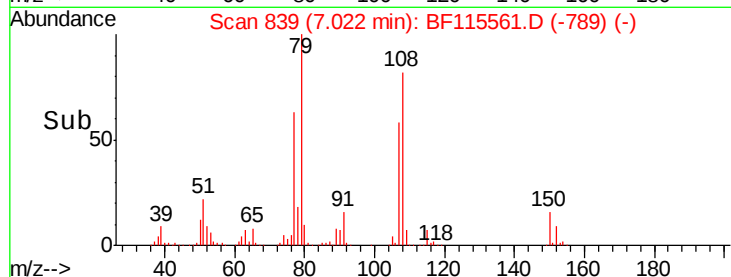
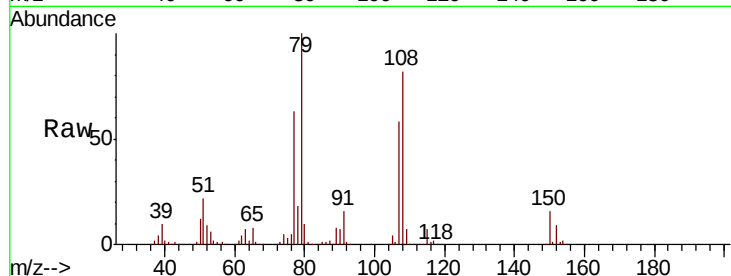
Tot Ion: 79 Resp: 467472

Ion Ratio Lower Upper

79 100

108 81.9 64.2 96.4

77 63.1 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.396 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

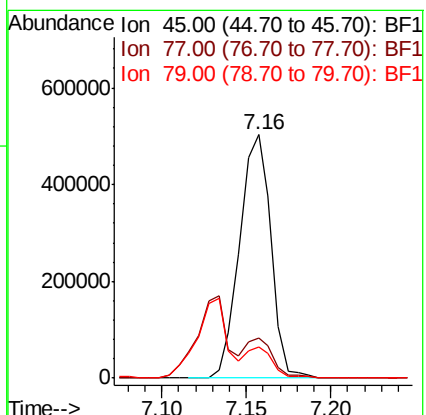
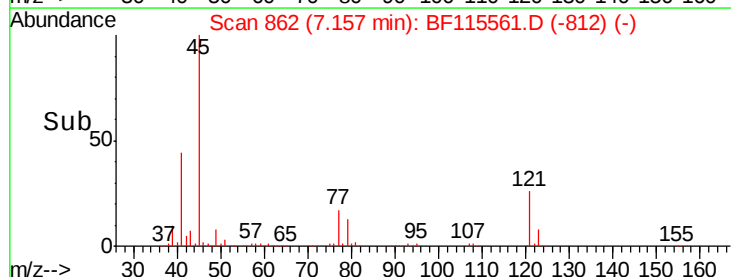
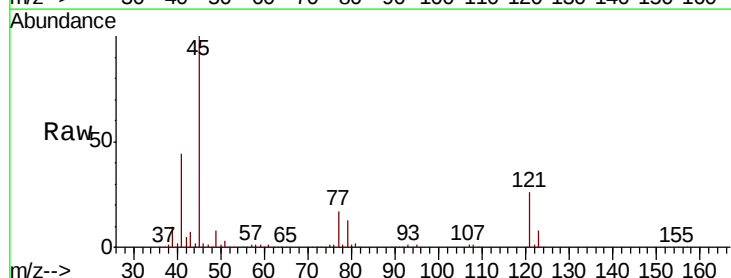
Tgt Ion: 45 Resp: 649318

Ion Ratio Lower Upper

45 100

77 16.6 0.0 38.1

79 12.7 0.0 34.1

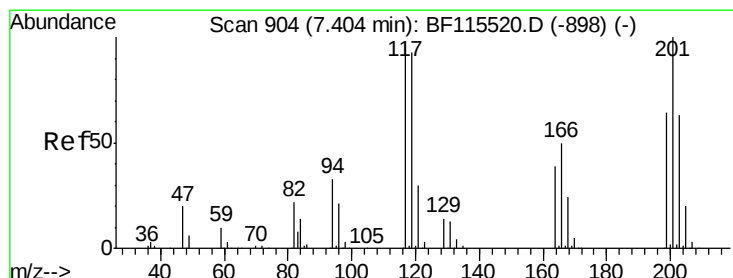
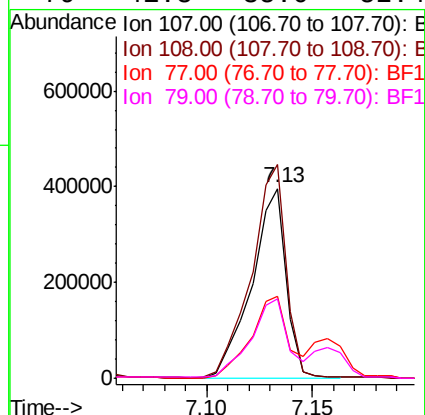
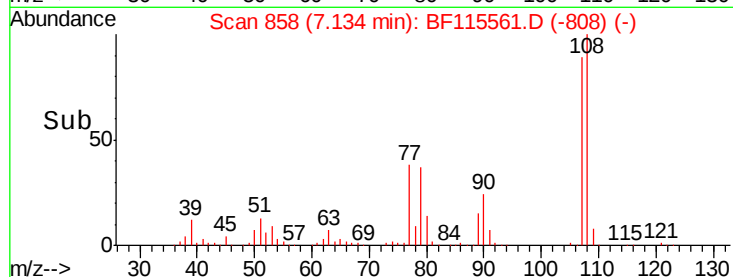
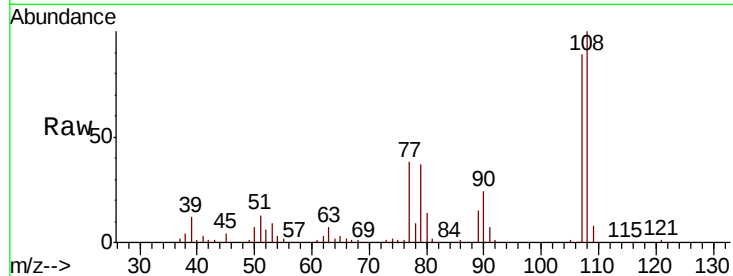




#17  
2-Methylphenol  
Concen: 43.867 ng  
RT: 7.13 min Scan# 858  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

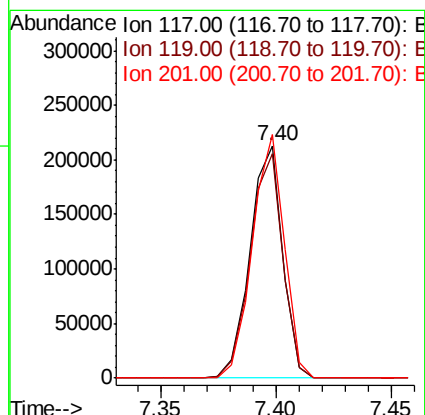
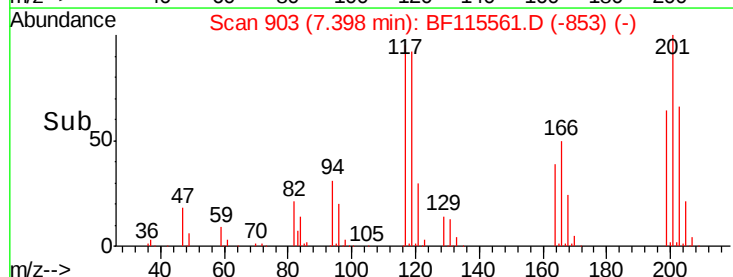
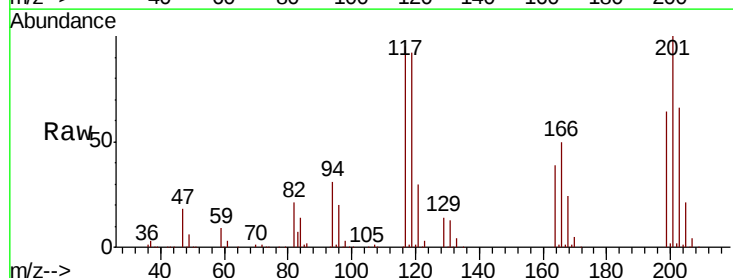
Instrument :  
BNA\_F  
ClientSampleId :  
PB121222BS

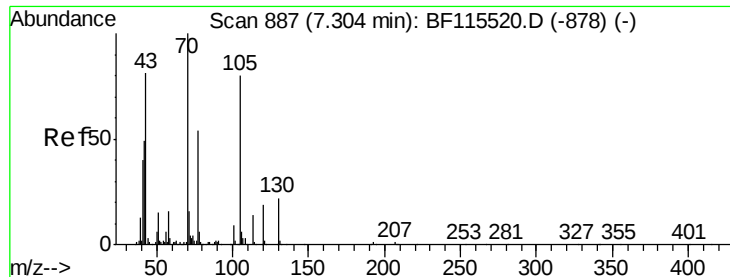
Tot Ion:107 Resp: 450862  
Ion Ratio Lower Upper  
107 100  
108 112.4 89.4 134.2  
77 42.9 35.7 53.5  
79 41.8 35.0 52.4



#18  
Hexachloroethane  
Concen: 42.175 ng  
RT: 7.40 min Scan# 903  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Tgt Ion:117 Resp: 209430  
Ion Ratio Lower Upper  
117 100  
119 96.5 77.7 116.5  
201 104.7 86.0 129.0

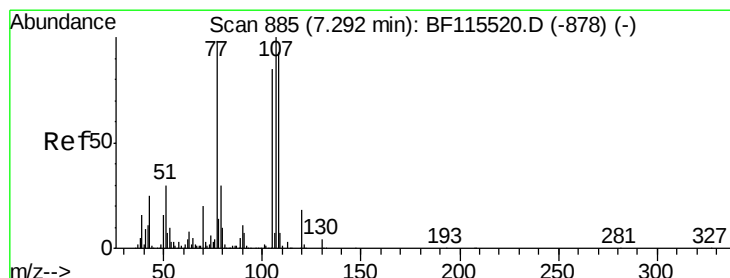
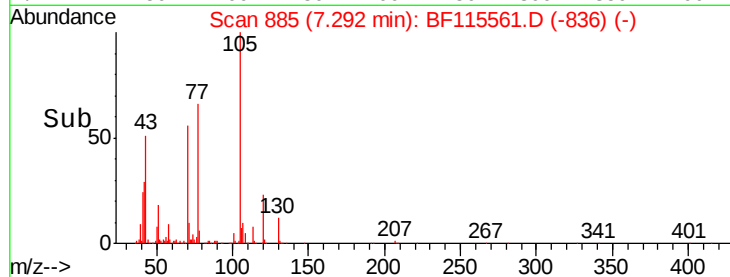
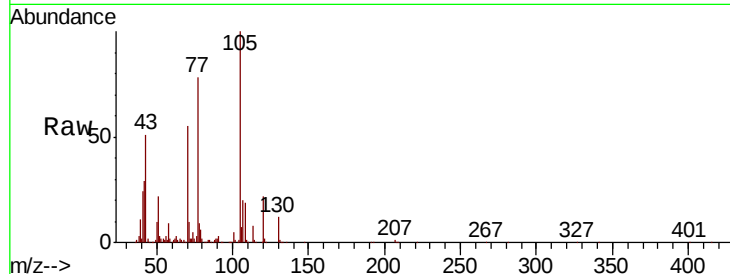
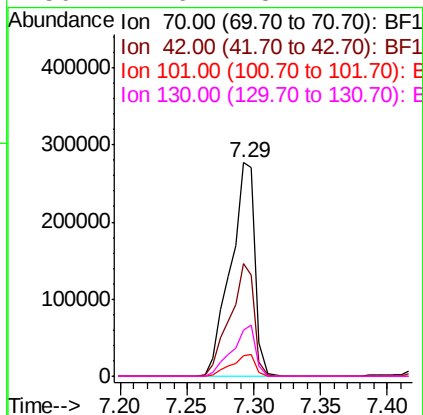




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.479 ng  
RT: 7.29 min Scan# 885  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

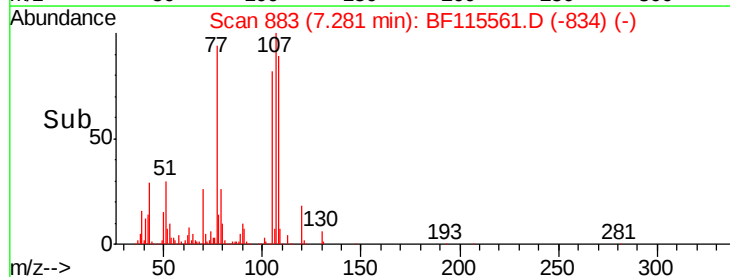
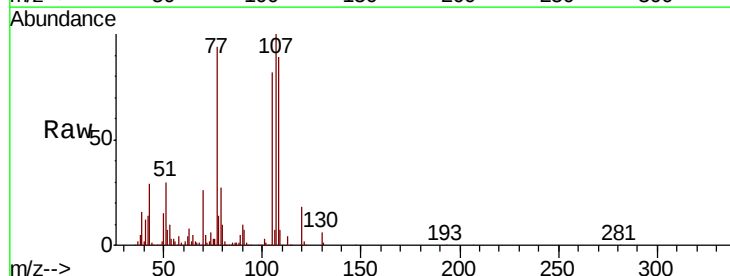
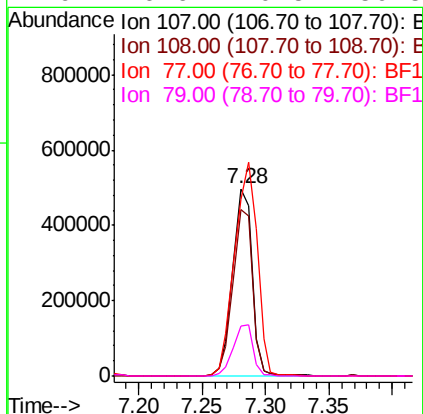
Instrument :  
BNA\_F  
ClientSampleId :  
PB121222BS

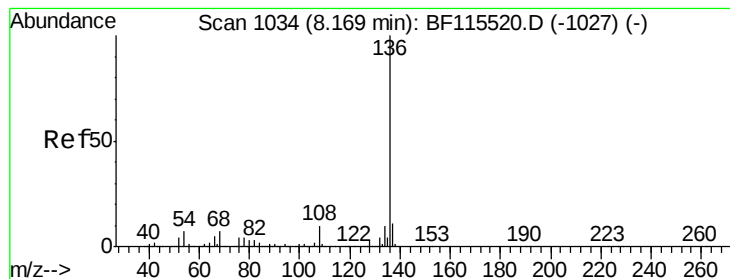
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 356073 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 52.6  | 39.6  | 59.4   |
| 101      | 9.8   | 8.1   | 12.1   |
| 130      | 21.6  | 18.2  | 27.2   |



#20  
3+4-Methylphenols  
Concen: 43.304 ng  
RT: 7.28 min Scan# 883  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 528664 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.7  | 72.9  | 112.9  |
| 77       | 94.3  | 77.6  | 117.6  |
| 79       | 26.6  | 10.5  | 50.5   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

Tot Ion:136 Resp: 677436

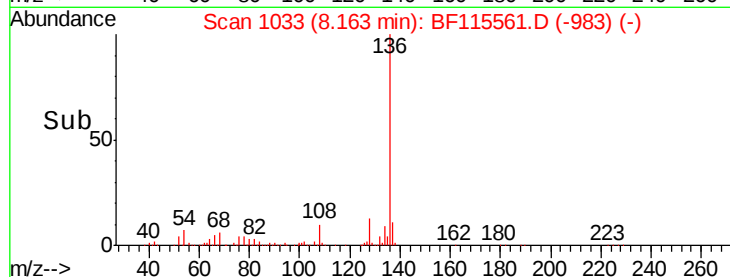
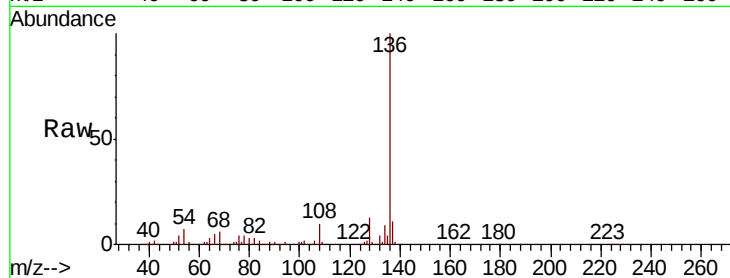
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.9 5.6 8.4

68 6.1 5.0 7.6



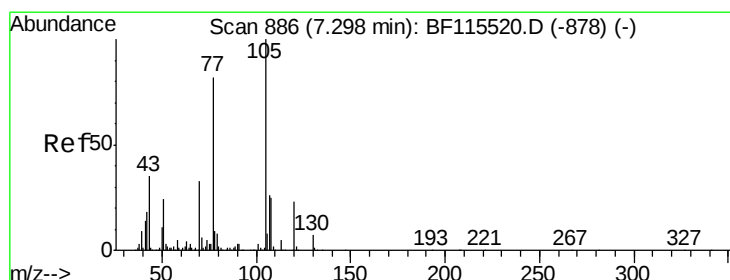
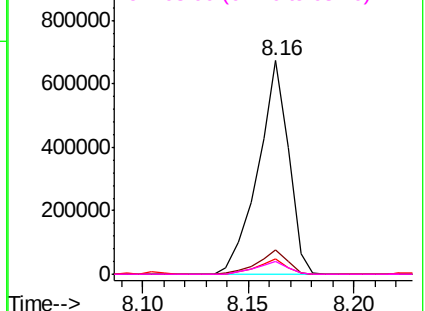
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.201 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Tgt Ion:105 Resp: 707066

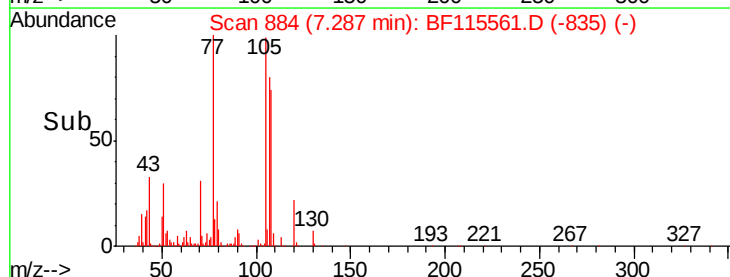
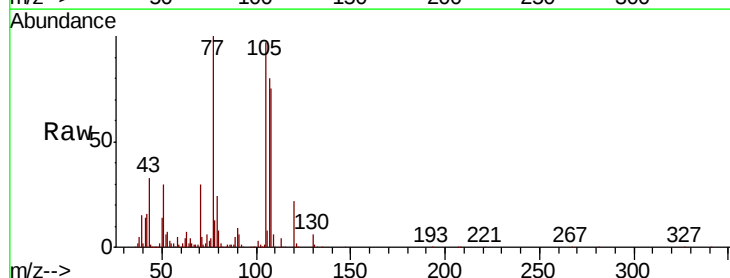
Ion Ratio Lower Upper

105 100

71 5.3 3.5 5.3

51 30.7 25.6 38.4

120 22.4 17.9 26.9



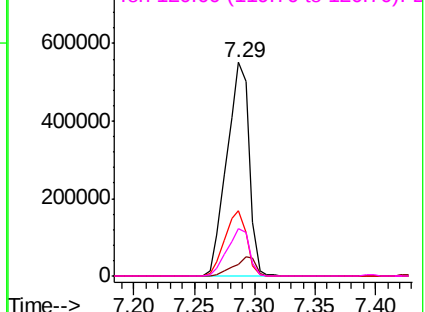
Abundance

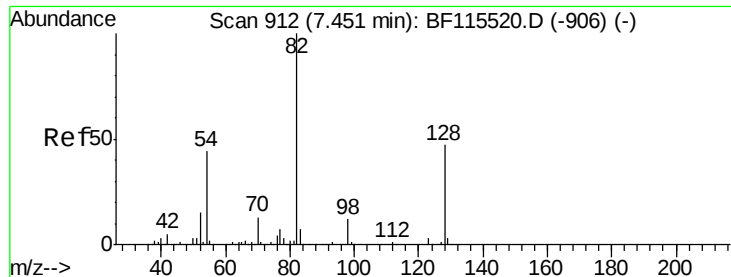
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

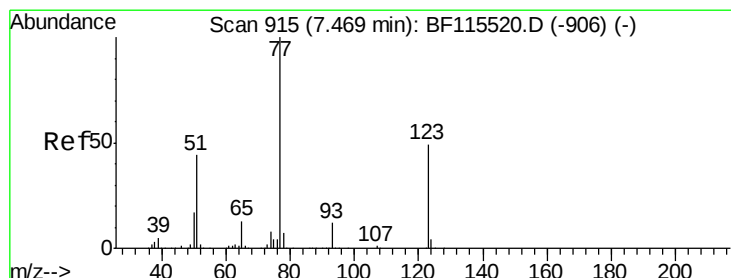
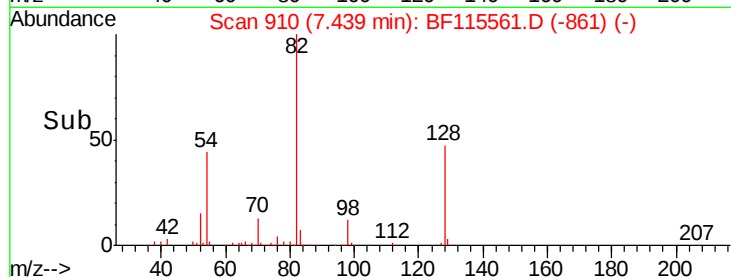
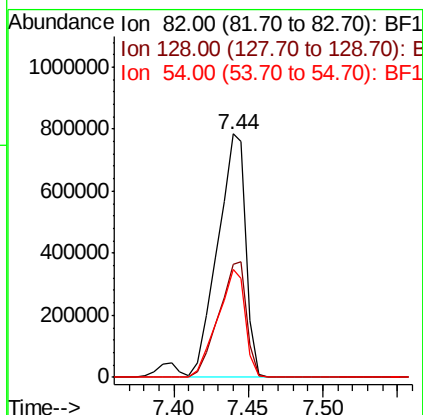
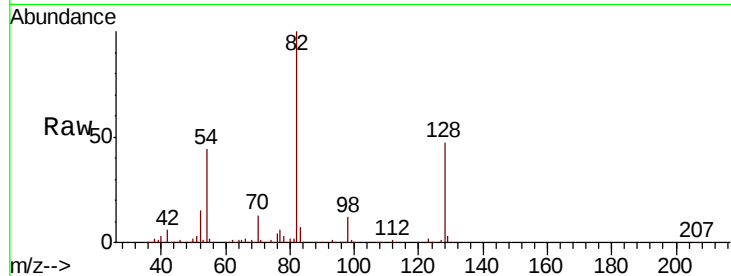




#23  
 Nitrobenzene-d5  
 Concen: 89.042 ng  
 RT: 7.44 min Scan# 910  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

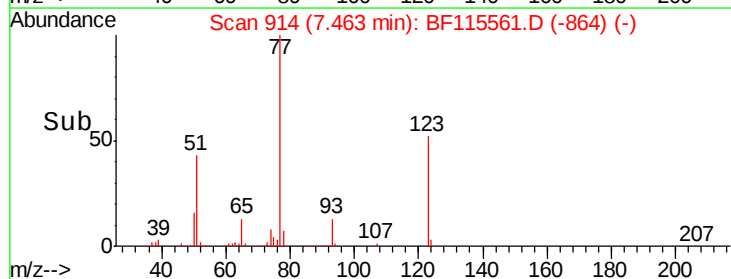
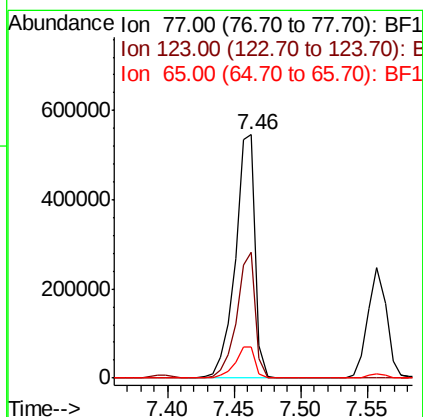
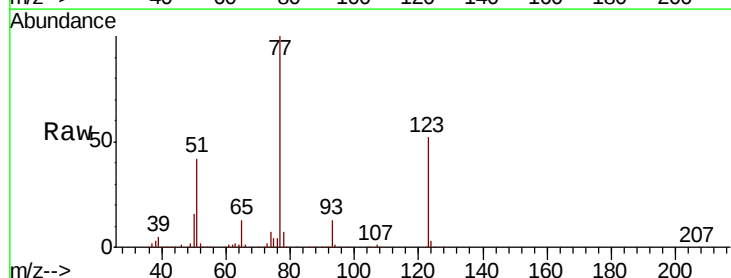
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121222BS

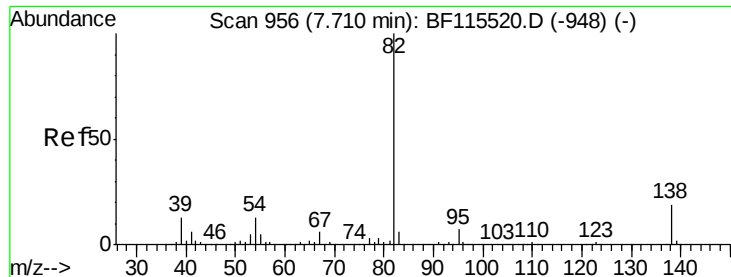
Tot Ion: 82 Resp: 1037385  
 Ion Ratio Lower Upper  
 82 100  
 128 46.6 38.6 57.8  
 54 44.2 35.6 53.4



#24  
 Nitrobenzene  
 Concen: 45.108 ng  
 RT: 7.46 min Scan# 914  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

Tgt Ion: 77 Resp: 566825  
 Ion Ratio Lower Upper  
 77 100  
 123 51.6 40.0 60.0  
 65 12.8 11.0 16.4

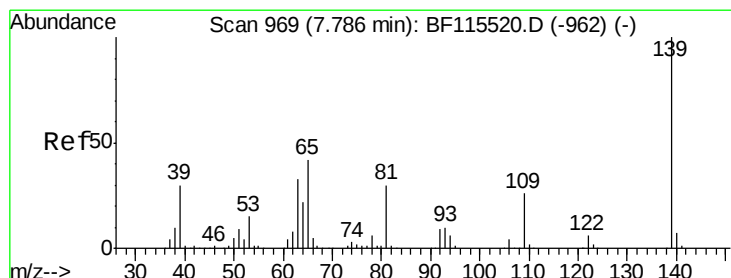
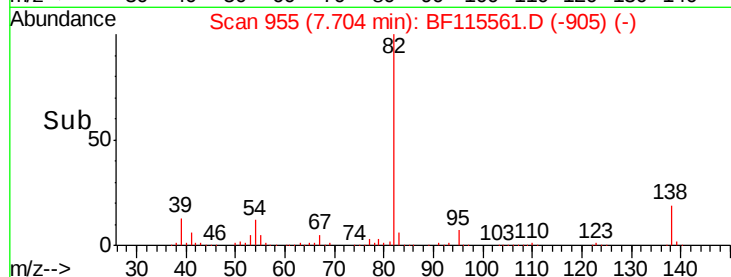
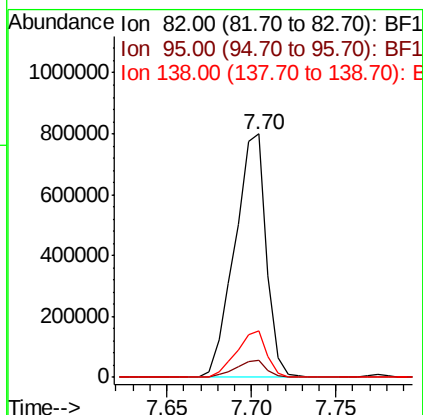
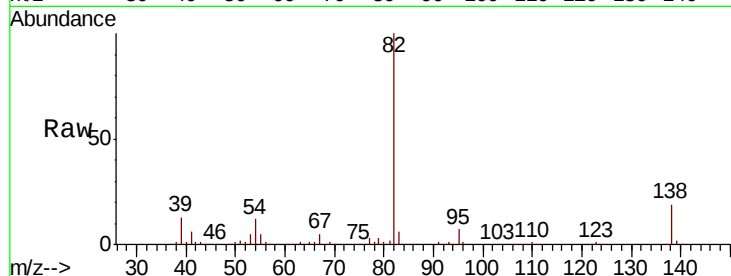




#25  
Isophorone  
Concen: 44.624 ng  
RT: 7.70 min Scan# 955  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

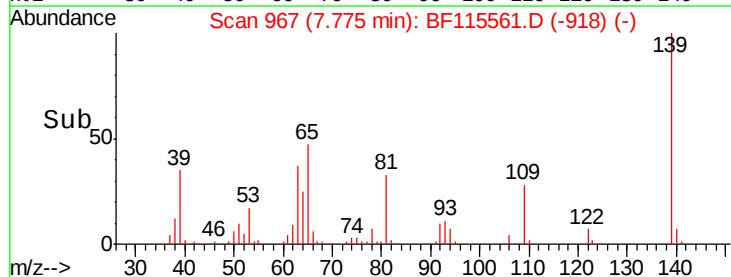
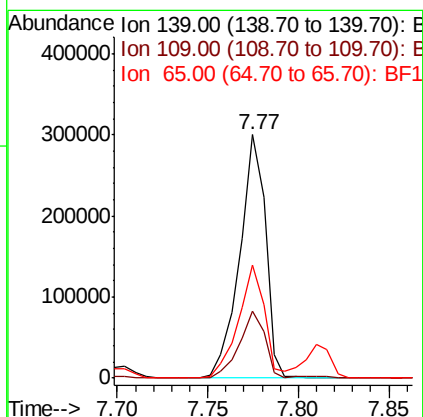
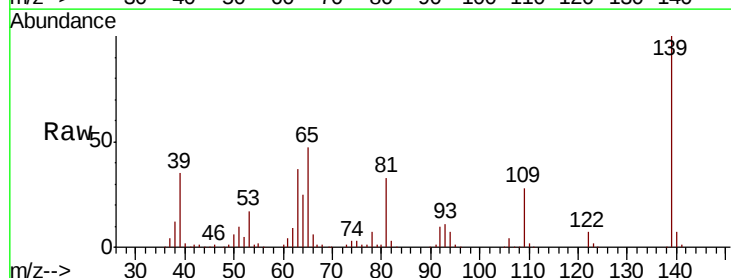
Instrument :  
BNA\_F  
ClientSampleId :  
PB121222BS

Tot Ion: 82 Resp: 1040314  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.5 8.3  
138 19.1 14.9 22.3



#26  
2-Nitrophenol  
Concen: 46.072 ng  
RT: 7.77 min Scan# 967  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Tgt Ion: 139 Resp: 297990  
Ion Ratio Lower Upper  
139 100  
109 27.7 23.3 34.9  
65 46.7 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 52.048 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

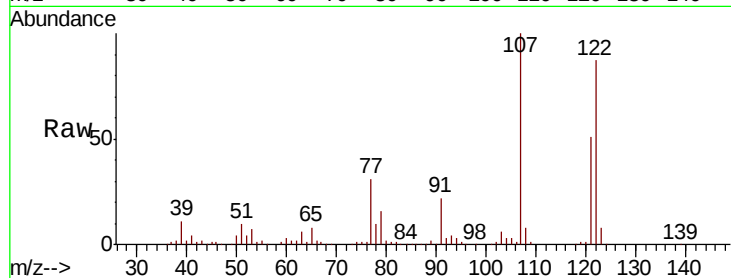
Tot Ion:122 Resp: 503698

Ion Ratio Lower Upper

122 100

107 115.6 92.9 139.3

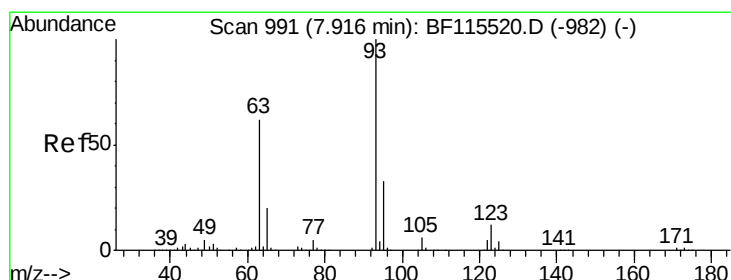
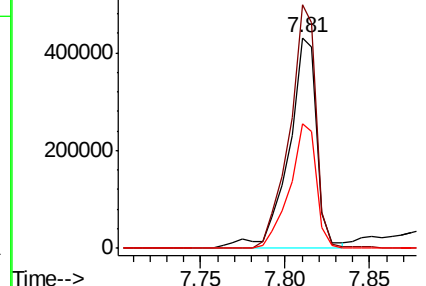
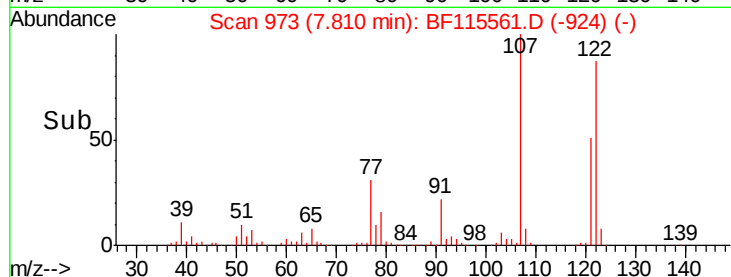
121 59.2 46.9 70.3



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: 44.933 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

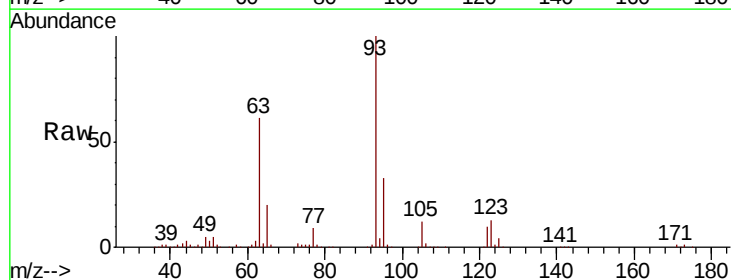
Tgt Ion: 93 Resp: 642620

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

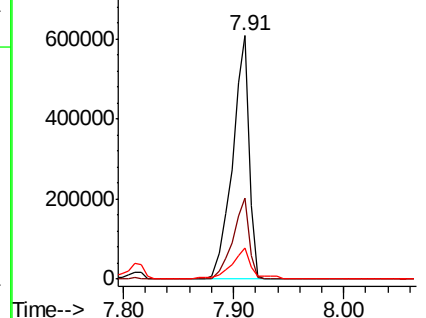
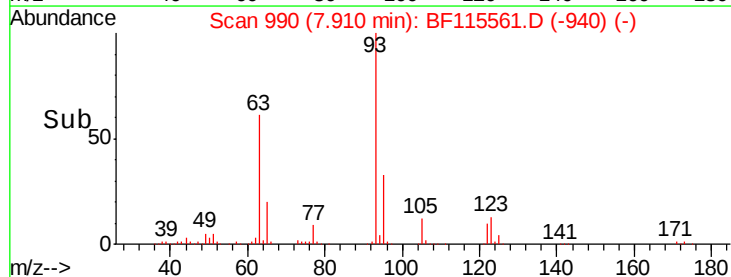
123 12.9 9.9 14.9

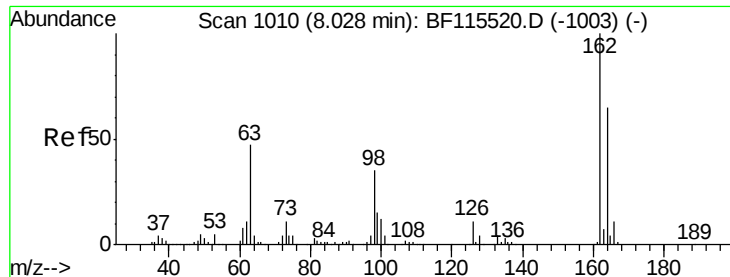


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.825 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

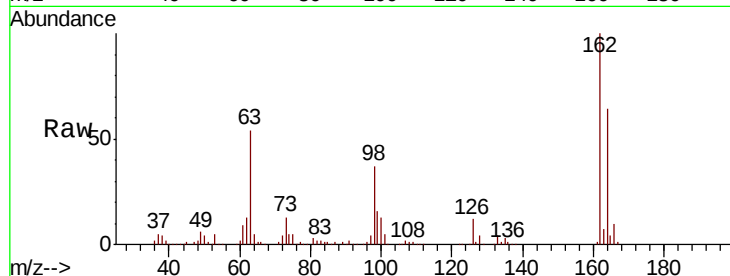
Tot Ion:162 Resp: 471276

Ion Ratio Lower Upper

162 100

164 63.9 44.9 84.9

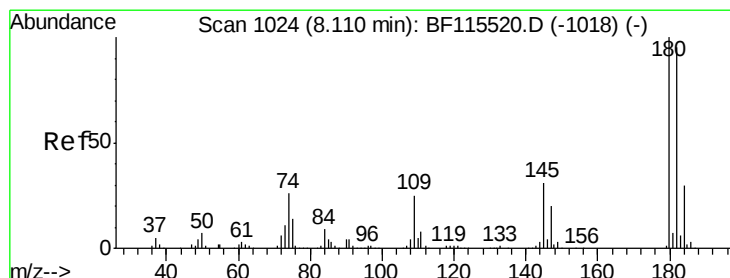
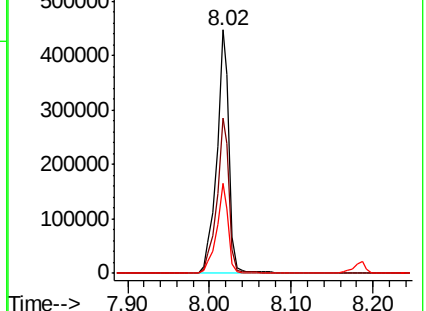
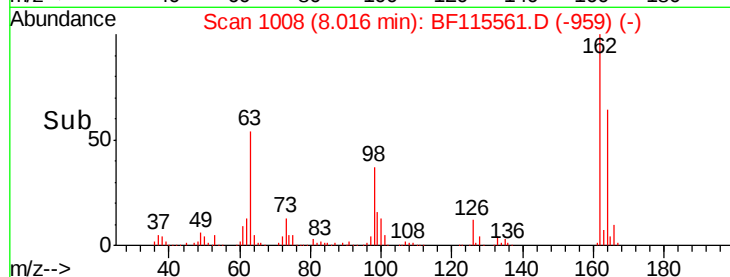
98 37.2 17.7 57.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 45.189 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

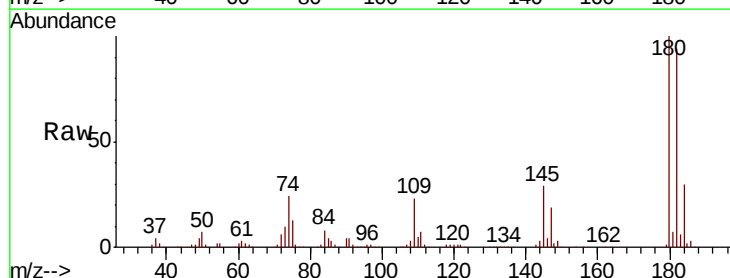
Tgt Ion:180 Resp: 514104

Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

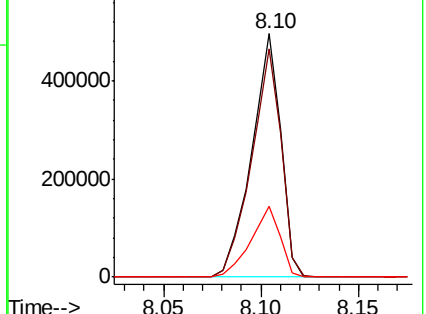
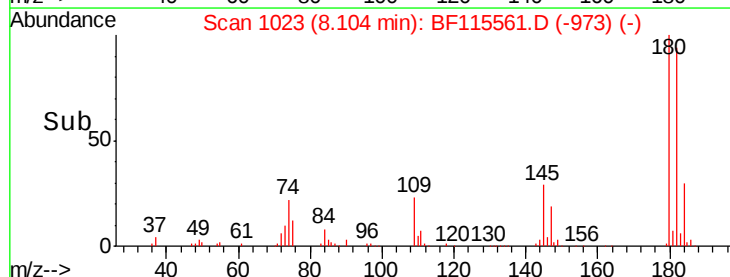
145 29.3 25.1 37.7

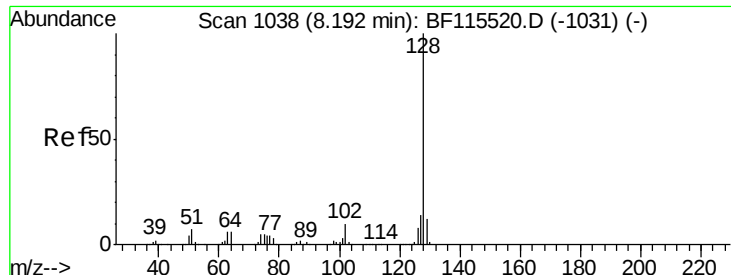


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

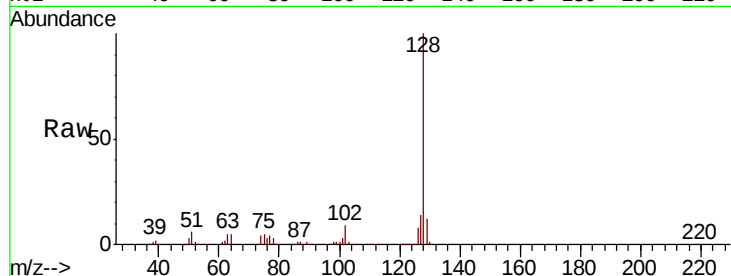




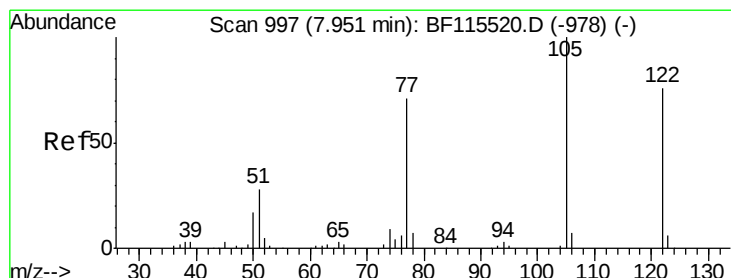
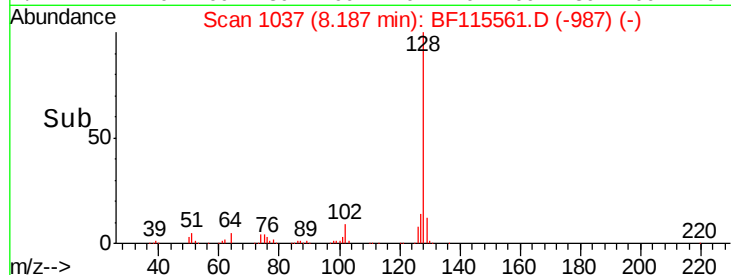
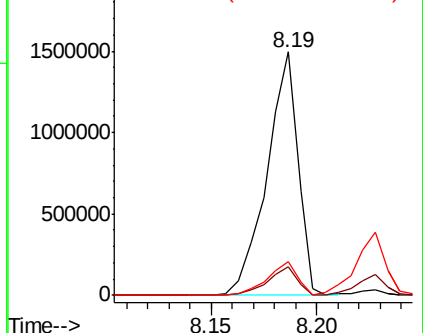
#31  
Naphthalene  
Concen: 46.613 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB121222BS

Tot Ion:128 Resp: 1529293  
Ion Ratio Lower Upper  
128 100  
129 11.8 9.9 14.9  
127 13.9 12.1 18.1

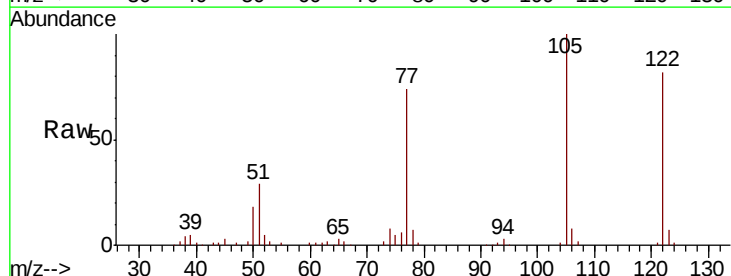


Abundance Ion 128.00 (127.70 to 128.70): E  
2000000 Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

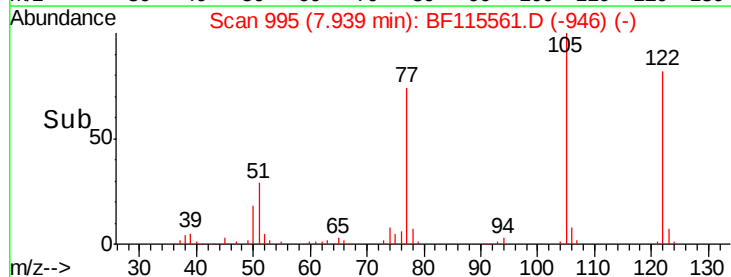
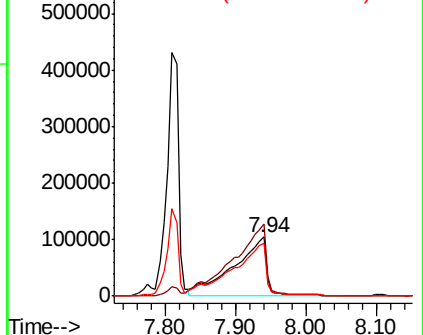


#32  
Benzoic acid  
Concen: 43.066 ng  
RT: 7.94 min Scan# 995  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Tgt Ion:122 Resp: 342036  
Ion Ratio Lower Upper  
122 100  
105 121.2 102.5 142.5  
77 90.3 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E  
600000 Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1

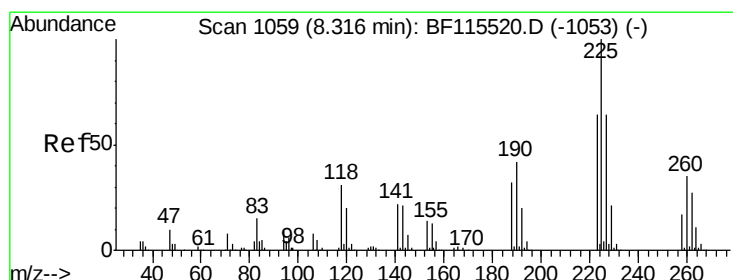
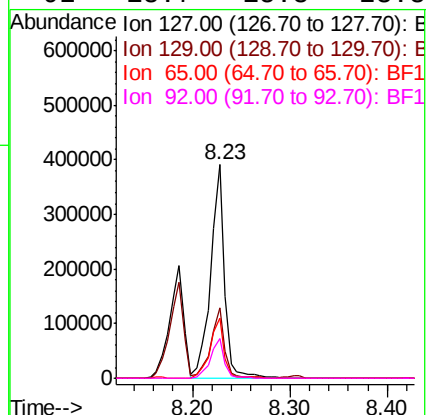
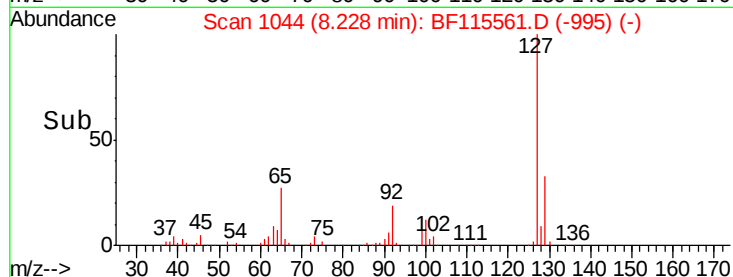
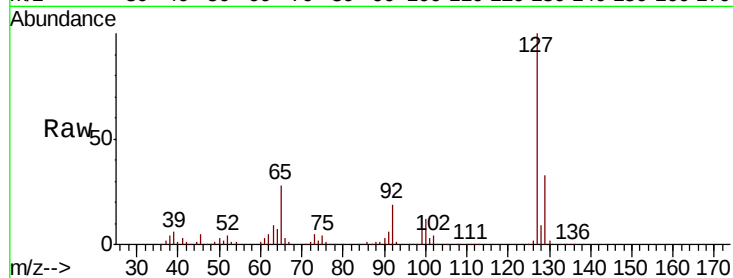




#33  
4-Chloroaniline  
Concen: 26.589 ng  
RT: 8.23 min Scan# 1044  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

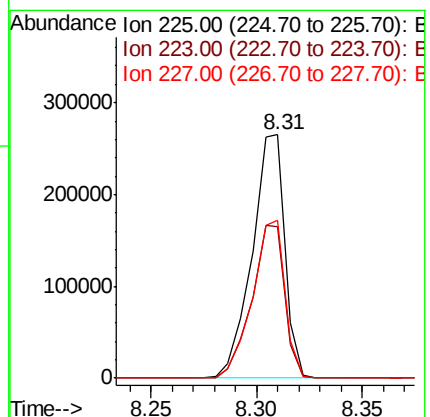
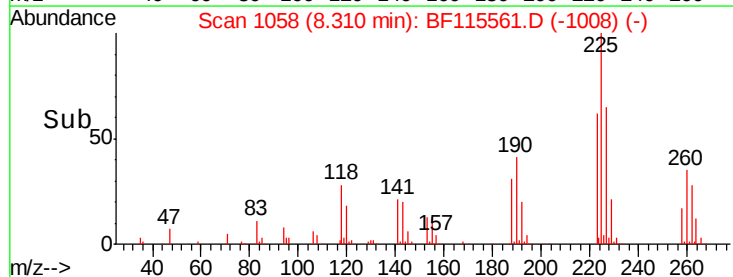
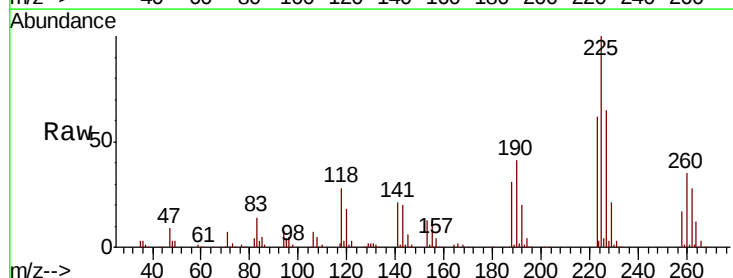
Instrument :  
BNA\_F  
ClientSampleId :  
PB121222BS

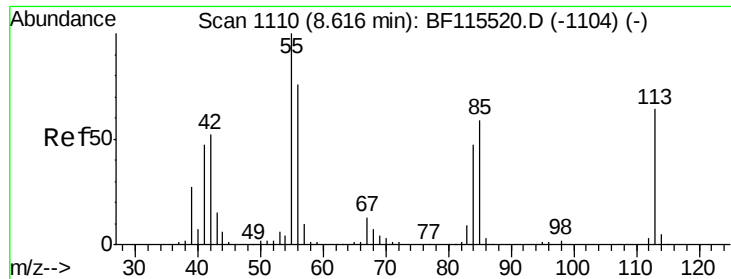
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 386408 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.0  | 26.6  | 39.8   |
| 65       | 28.4  | 23.7  | 35.5   |
| 92       | 18.7  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 43.949 ng  
RT: 8.31 min Scan# 1058  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 286730 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.4  | 50.9  | 76.3   |
| 227      | 64.8  | 50.7  | 76.1   |

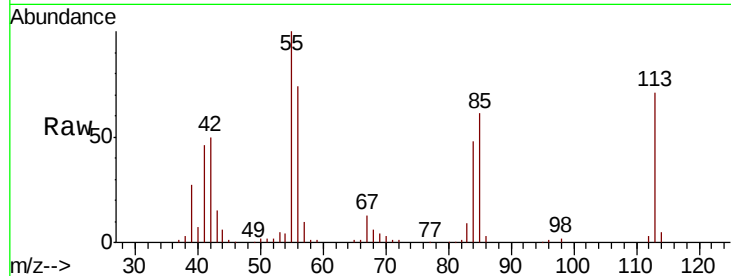




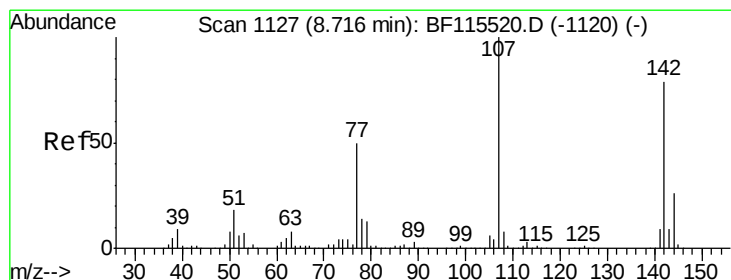
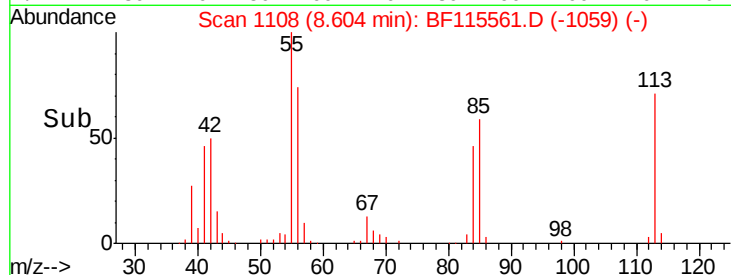
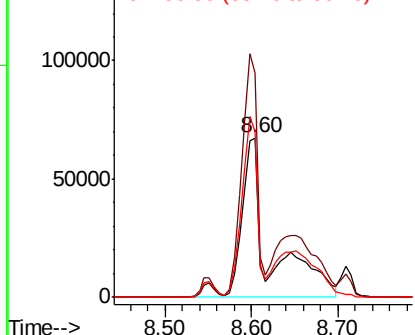
#35  
 Caprolactam  
 Concen: 48.513 ng/ml  
 RT: 8.60 min Scan# 1108  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB121222BS

Tot Ion:113 Resp: 150882  
 Ion Ratio Lower Upper  
 113 100  
 55 140.6 126.9 166.9  
 56 103.8 90.3 130.3

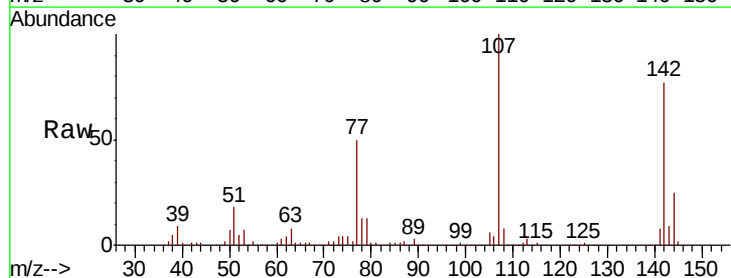


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

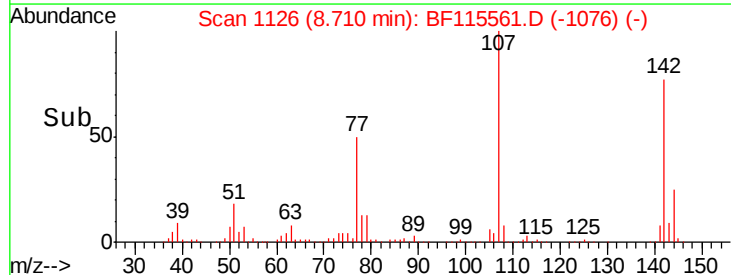
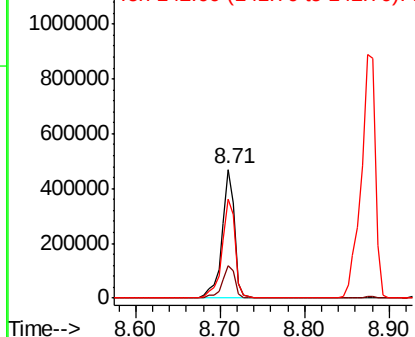


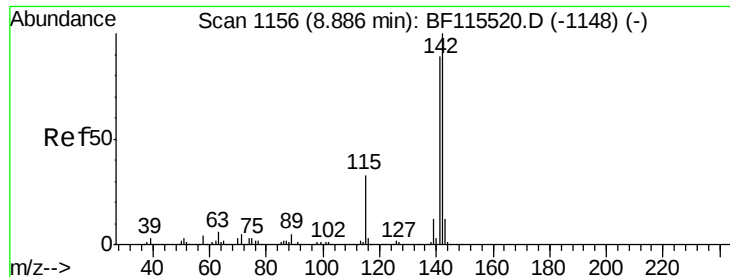
#36  
 4-Chloro-3-methylphenol  
 Concen: 46.726 ng/ml  
 RT: 8.71 min Scan# 1126  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

Tgt Ion:107 Resp: 487822  
 Ion Ratio Lower Upper  
 107 100  
 144 25.0 20.6 30.8  
 142 77.2 63.1 94.7



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

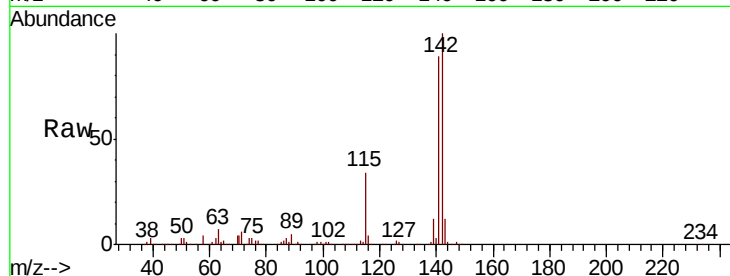




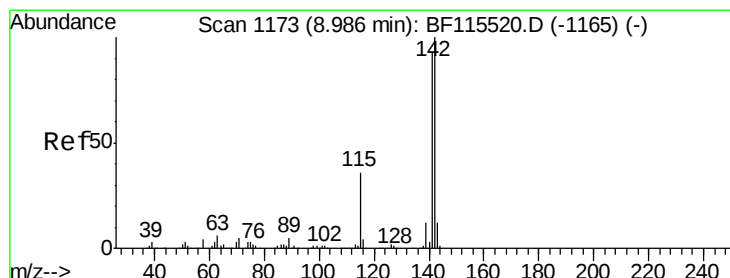
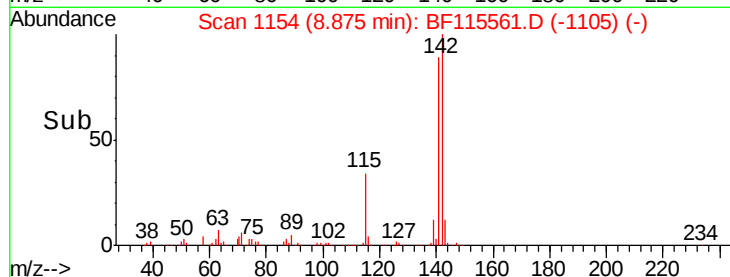
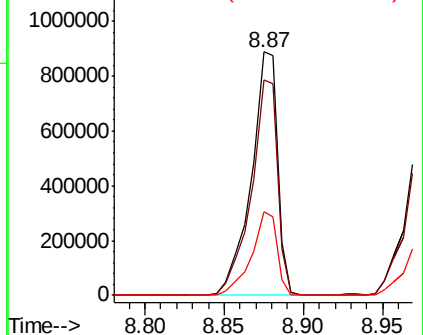
#37  
 2-Methylnaphthalene  
 Concen: 47.527 ng  
 RT: 8.87 min Scan# 1154  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121222BS

Tot Ion:142 Resp: 1033591  
 Ion Ratio Lower Upper  
 142 100  
 141 88.7 72.0 108.0  
 115 34.5 29.9 44.9

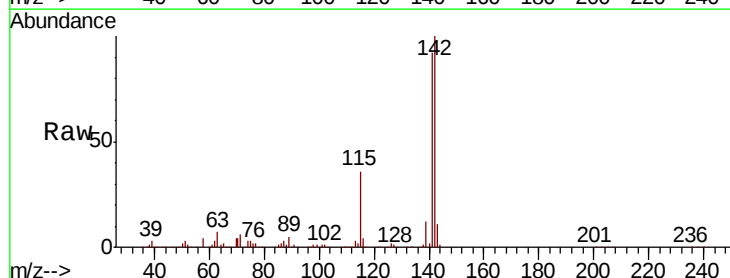


Abundance Ion 142.00 (141.70 to 142.70): E  
 1200000 Ion 141.00 (140.70 to 141.70): E  
 1000000 Ion 115.00 (114.70 to 115.70): E

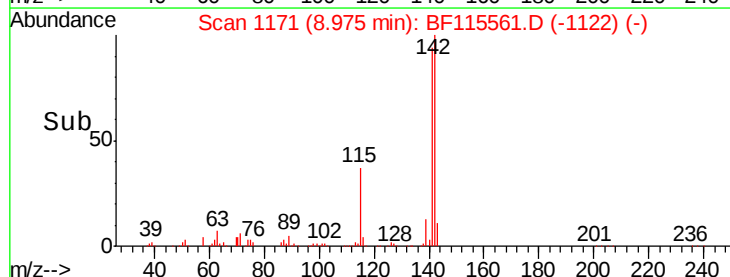
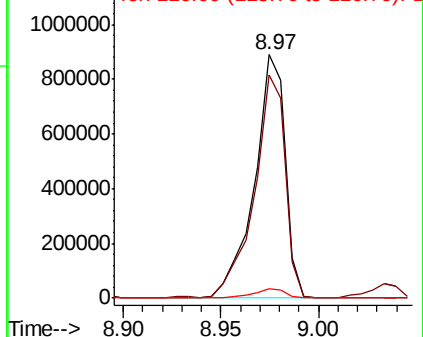


#38  
 1-Methylnaphthalene  
 Concen: 46.991 ng  
 RT: 8.97 min Scan# 1171  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

Tgt Ion:142 Resp: 970684  
 Ion Ratio Lower Upper  
 142 100  
 141 91.8 75.3 112.9  
 116 3.8 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E  
 1200000 Ion 141.00 (140.70 to 141.70): E  
 1000000 Ion 116.00 (115.70 to 116.70): E

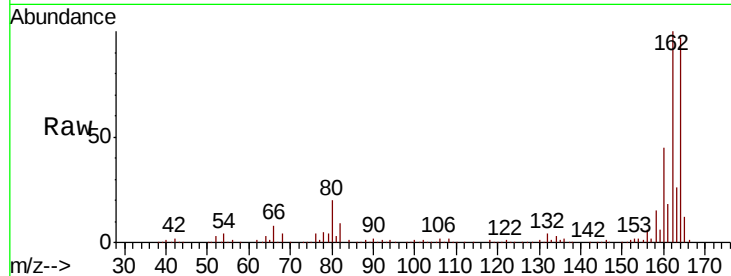




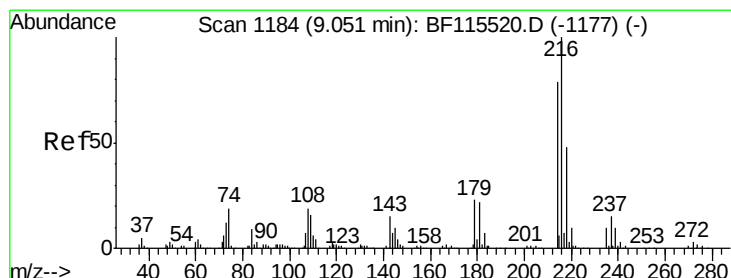
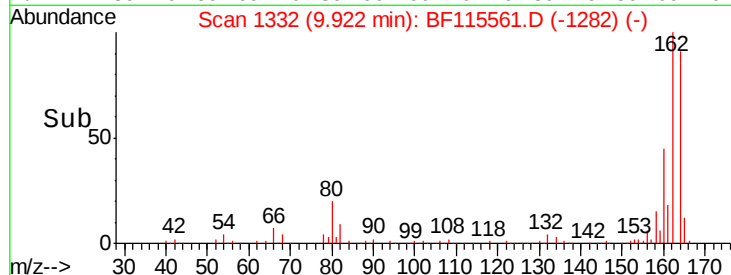
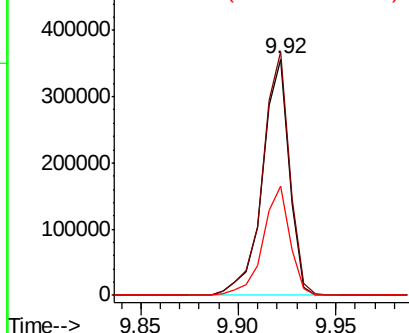
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB121222BS

Tot Ion:164 Resp: 338658  
Ion Ratio Lower Upper  
164 100  
162 103.1 82.9 124.3  
160 46.5 36.8 55.2

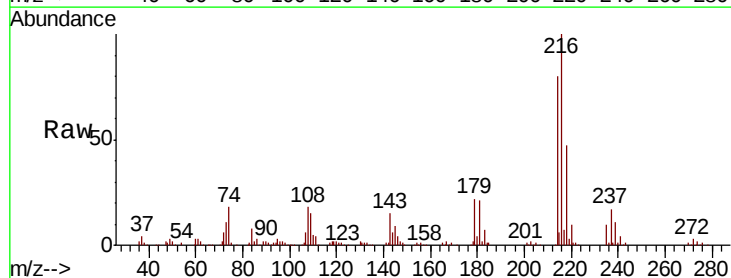


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

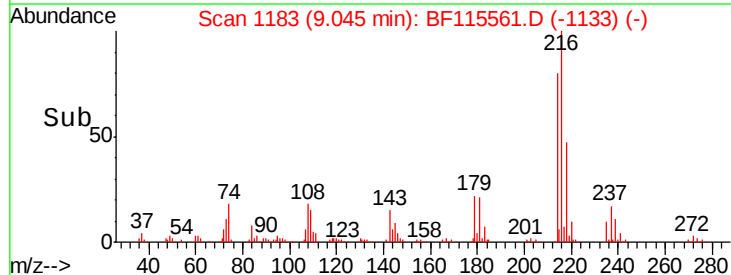
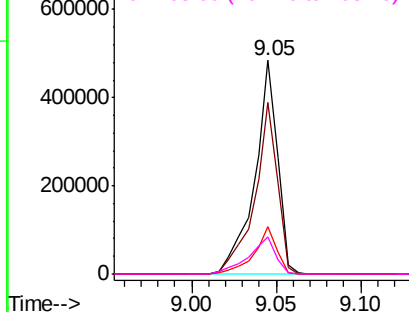


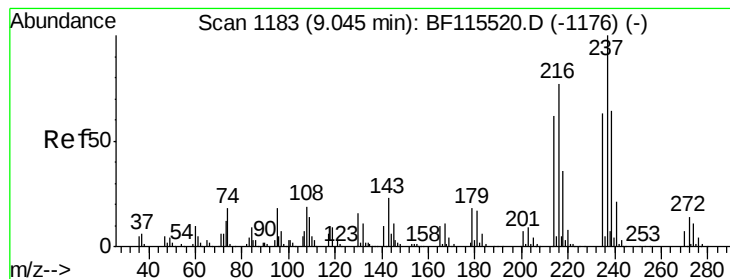
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.088 ng  
RT: 9.05 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Tgt Ion:216 Resp: 459815  
Ion Ratio Lower Upper  
216 100  
214 79.6 65.1 97.7  
179 21.8 18.3 27.5  
108 20.3 15.7 23.5



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: 81.713 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

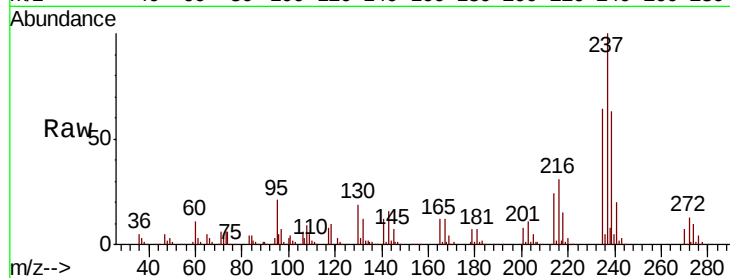
Tot Ion:237 Resp: 475361

Ion Ratio Lower Upper

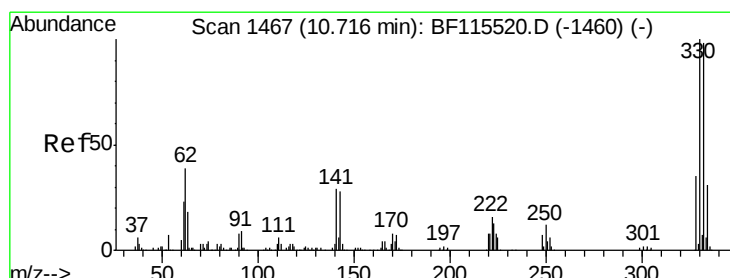
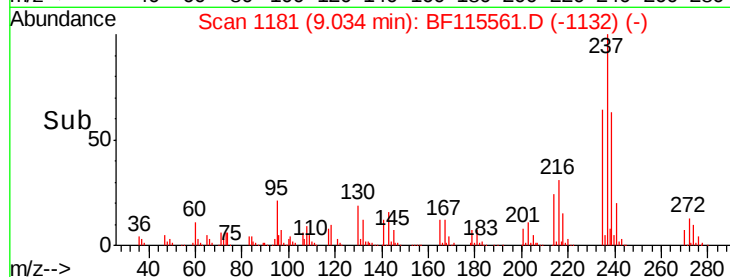
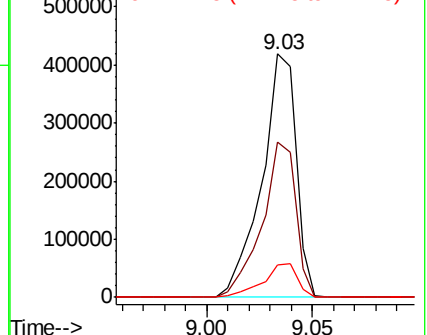
237 100

235 63.8 43.6 83.6

272 13.1 0.0 33.9



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: 131.271 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

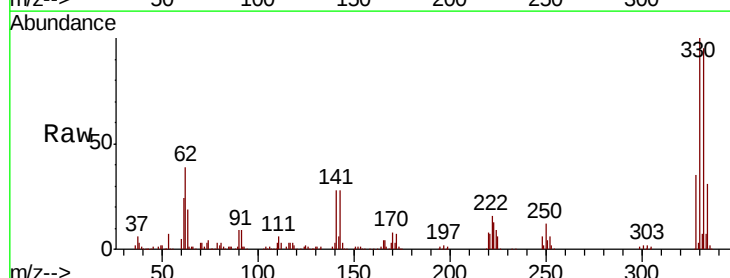
Tgt Ion:330 Resp: 518909

Ion Ratio Lower Upper

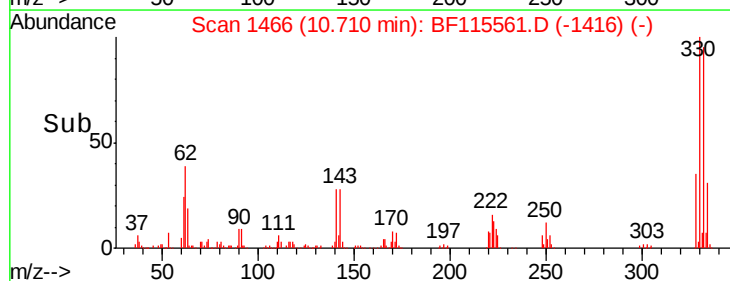
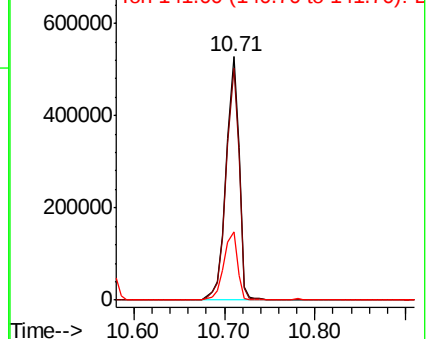
330 100

332 95.7 77.4 116.2

141 29.7 22.4 33.6



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

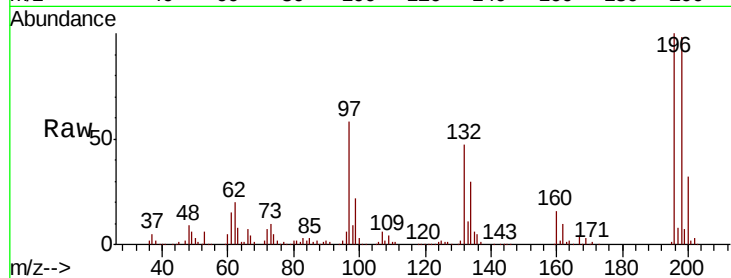




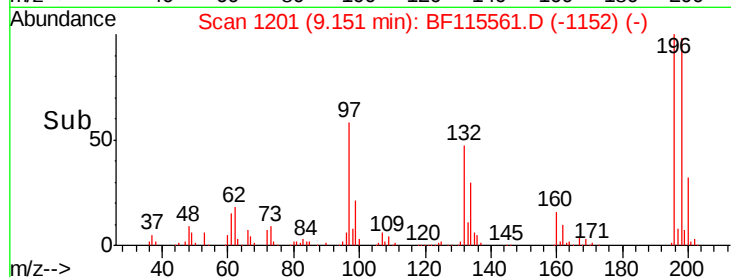
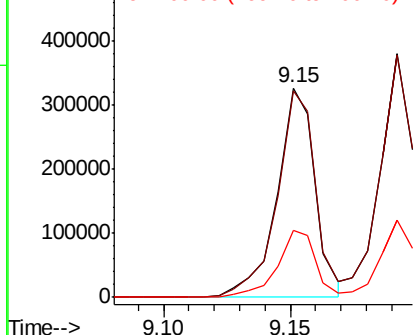
#43  
 2,4,6-Trichlorophenol  
 Concen: 46.024 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB121222BS

Tot Ion:196 Resp: 343237  
 Ion Ratio Lower Upper  
 196 100  
 198 98.3 80.6 121.0  
 200 31.8 25.8 38.6



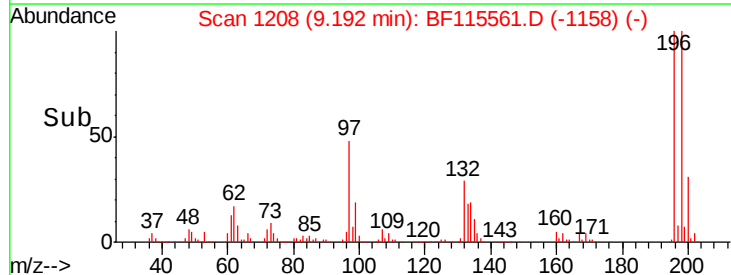
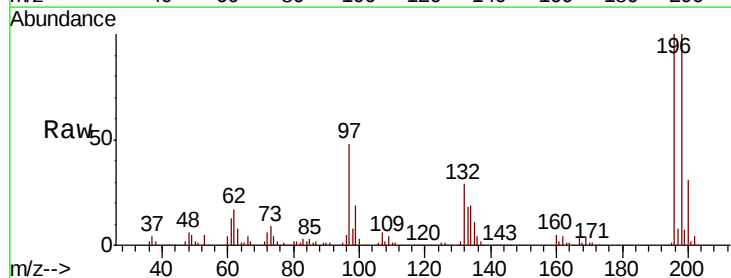
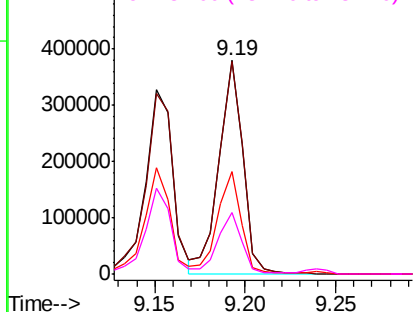
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

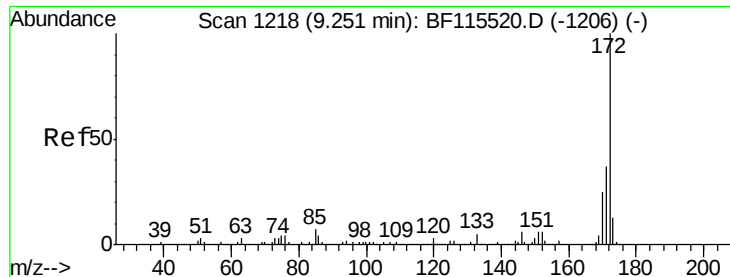


#44  
 2,4,5-Trichlorophenol  
 Concen: 45.497 ng  
 RT: 9.19 min Scan# 1208  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

Tgt Ion:196 Resp: 347486  
 Ion Ratio Lower Upper  
 196 100  
 198 99.7 79.6 119.4  
 97 48.1 37.8 56.6  
 132 28.6 22.8 34.2

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

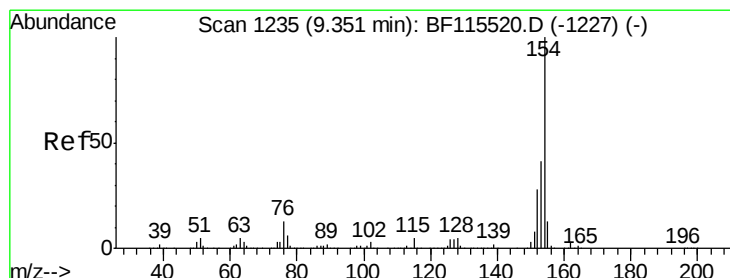
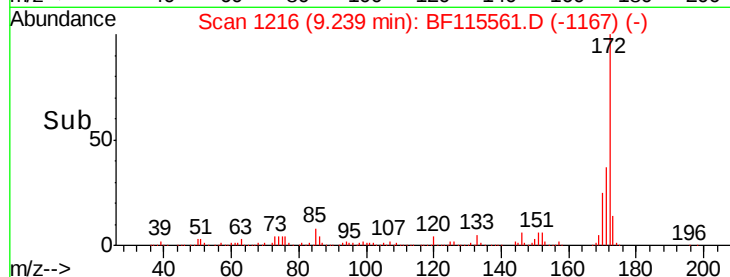
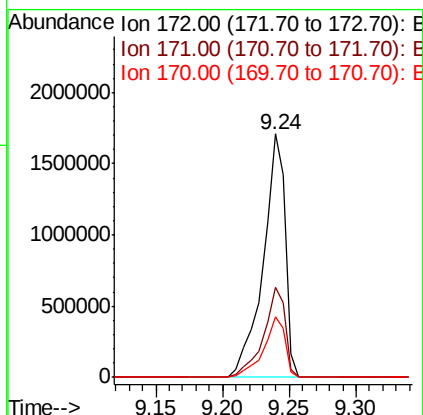
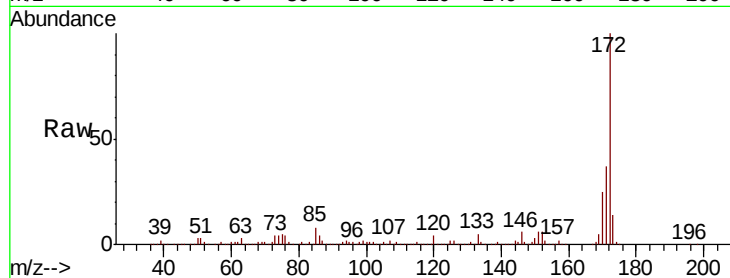




#45  
 2-Fluorobiphenyl  
 Concen: 100.773 ng  
 RT: 9.24 min Scan# 1216  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

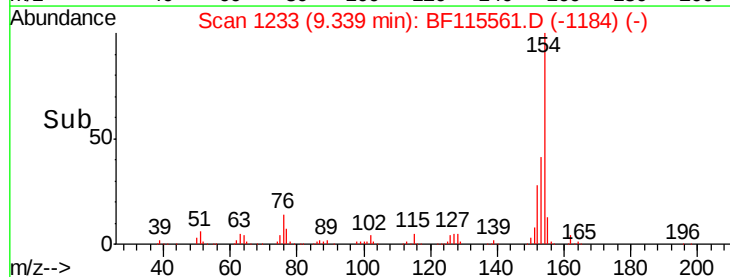
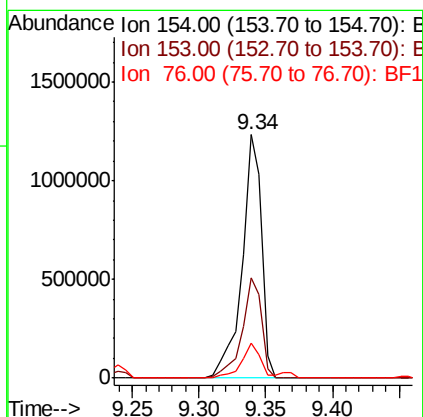
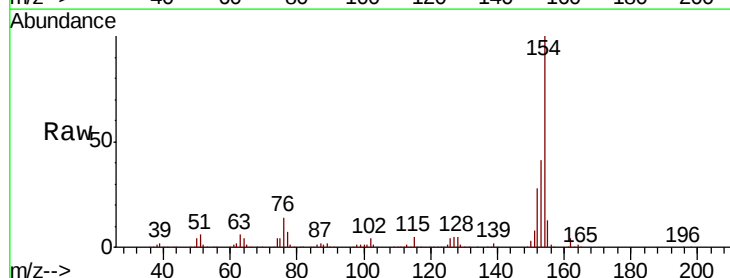
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121222BS

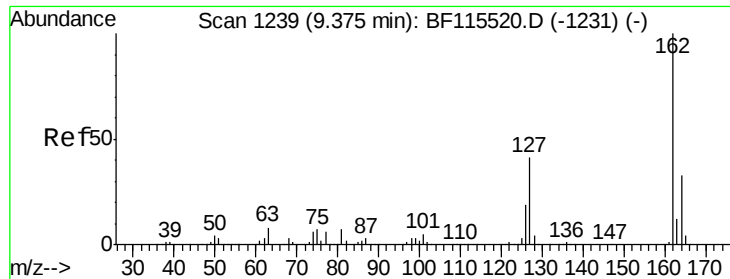
Tot Ion:172 Resp: 1949833  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 30.6 46.0  
 170 25.1 20.5 30.7



#46  
 1,1'-Biphenyl  
 Concen: 46.974 ng  
 RT: 9.34 min Scan# 1233  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

Tgt Ion:154 Resp: 1243671  
 Ion Ratio Lower Upper  
 154 100  
 153 41.1 22.6 62.6  
 76 14.5 0.0 33.4





#47

2-Chloronaphthalene

Concen: 45.287 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

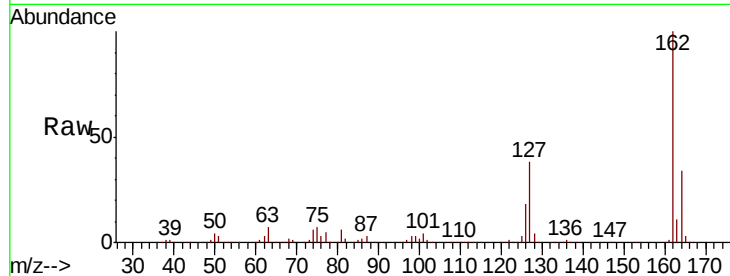
Tot Ion:162 Resp: 998365

Ion Ratio Lower Upper

162 100

127 38.4 34.1 51.1

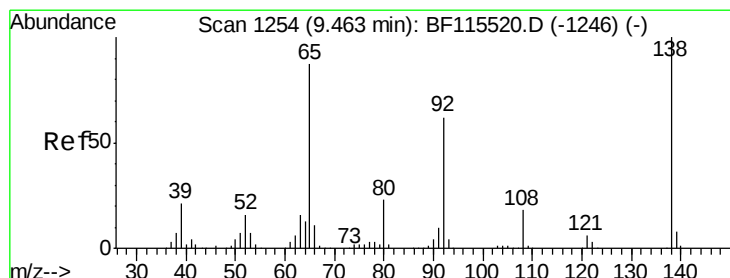
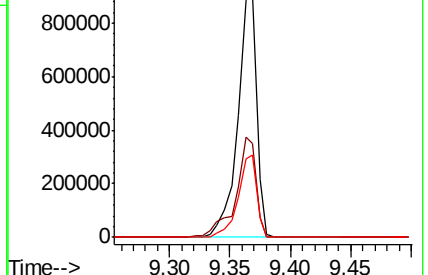
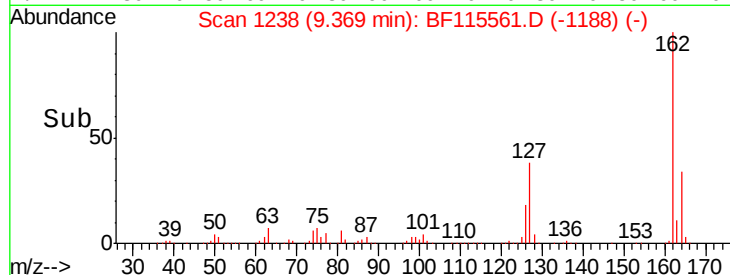
164 33.9 27.4 41.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.442 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

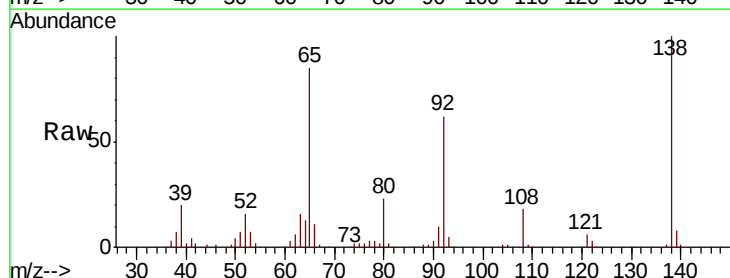
Tgt Ion: 65 Resp: 296422

Ion Ratio Lower Upper

65 100

92 73.1 57.8 86.6

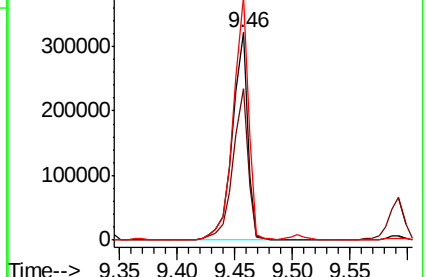
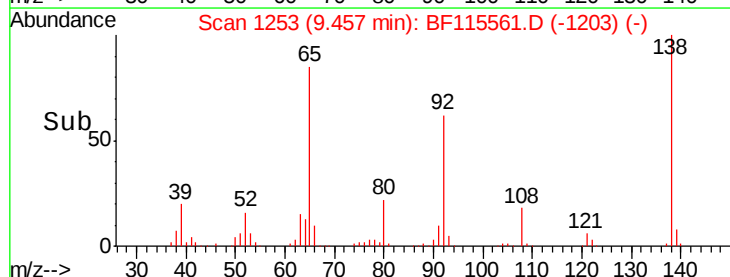
138 117.5 91.2 136.8

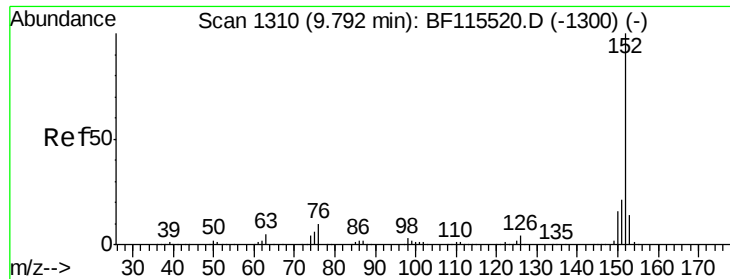


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.349 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

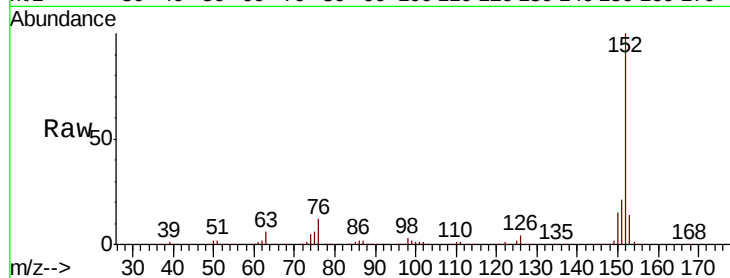
Tot Ion:152 Resp: 1514036

Ion Ratio Lower Upper

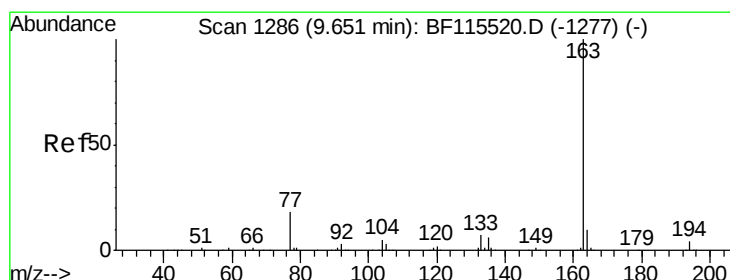
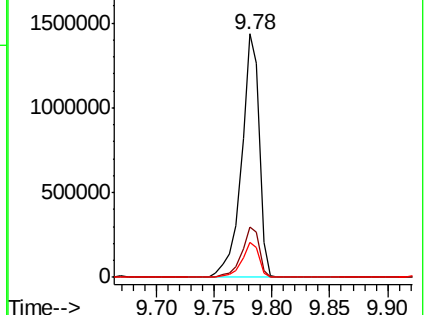
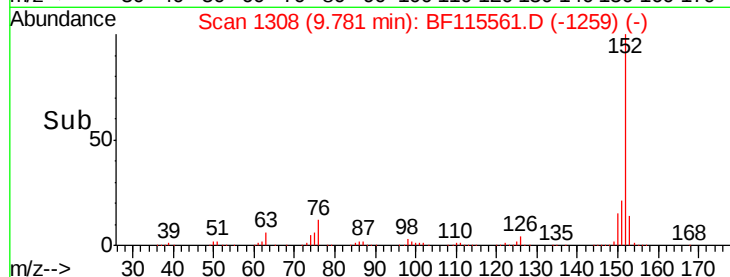
152 100

151 20.9 17.7 26.5

153 14.4 12.0 18.0



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: 45.403 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

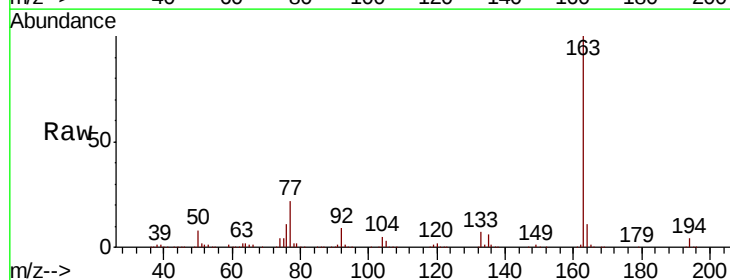
Tgt Ion:163 Resp: 1156849

Ion Ratio Lower Upper

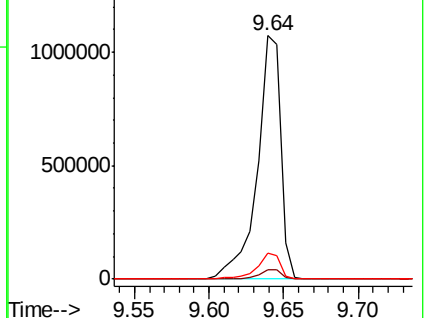
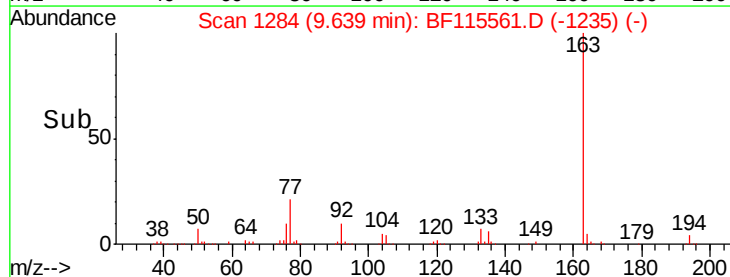
163 100

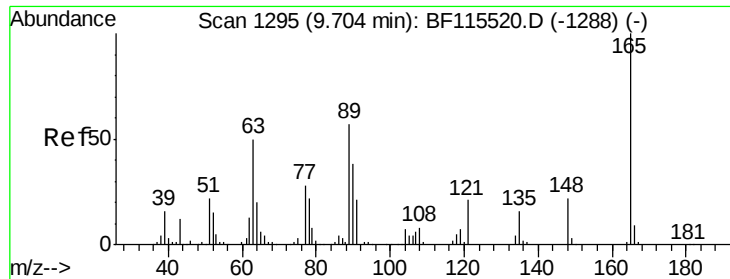
194 3.9 3.3 4.9

164 10.6 8.7 13.1



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

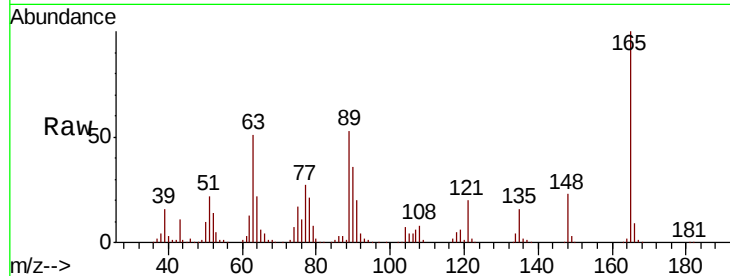




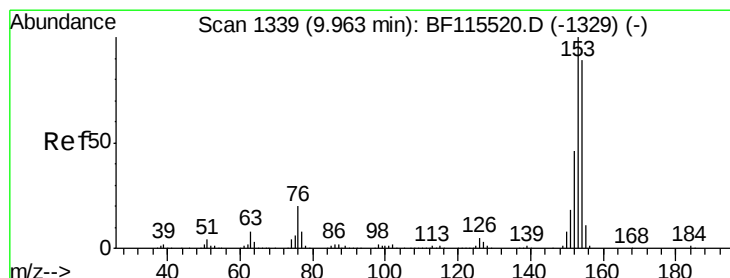
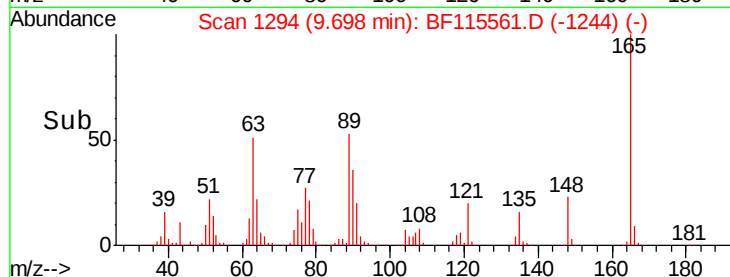
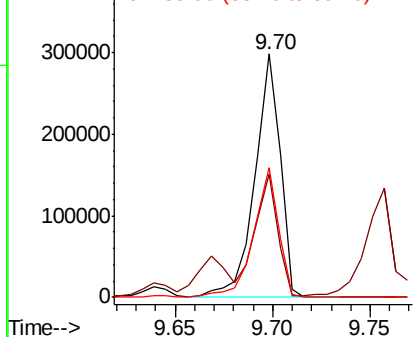
#51  
2,6-Dinitrotoluene  
Concen: 46.478 ng  
RT: 9.70 min Scan# 1294  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB121222BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 50.7  | 40.6  | 61.0  |
| 89      | 53.3  | 43.9  | 65.9  |

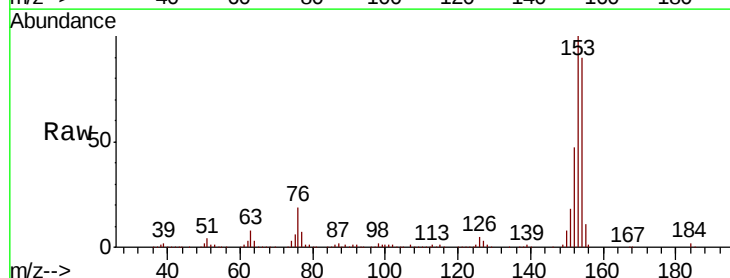


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

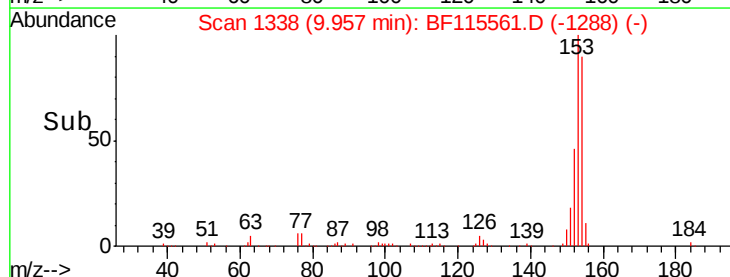
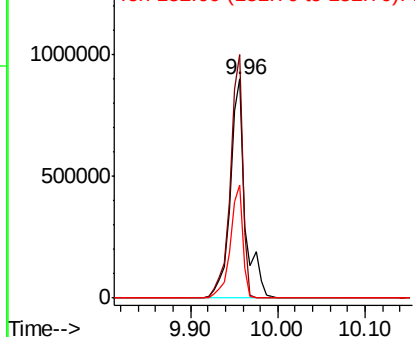


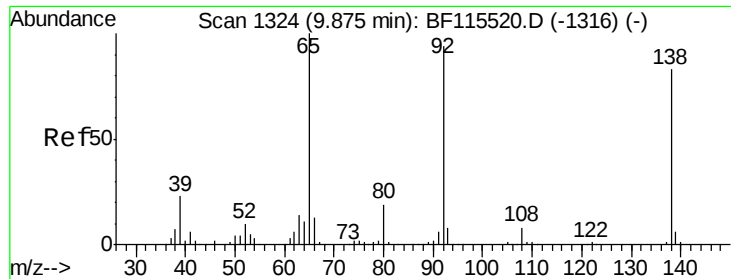
#52  
Acenaphthene  
Concen: 50.226 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.2 | 88.6  | 133.0 |
| 152     | 51.8  | 42.3  | 63.5  |



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

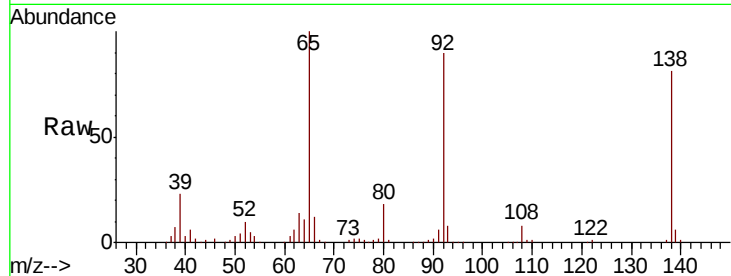




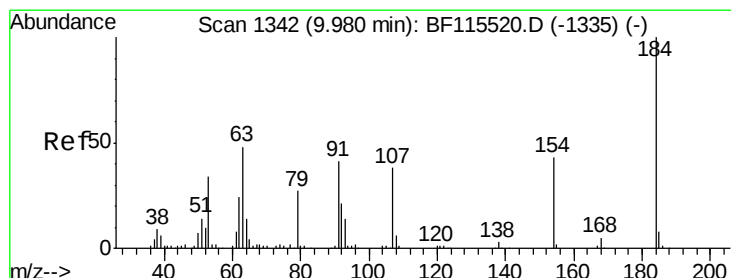
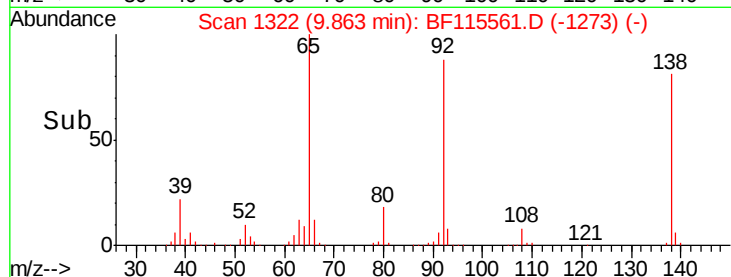
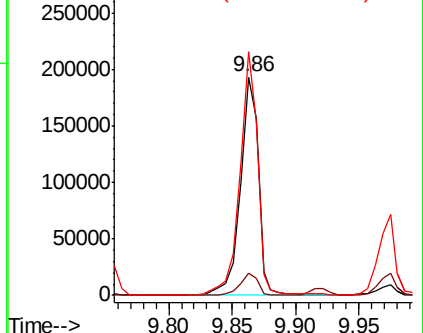
#53  
3-Nitroaniline  
Concen: 28.490 ng  
RT: 9.86 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB121222BS

Tot Ion:138 Resp: 188521  
Ion Ratio Lower Upper  
138 100  
108 10.2 8.4 12.6  
92 111.7 88.0 132.0

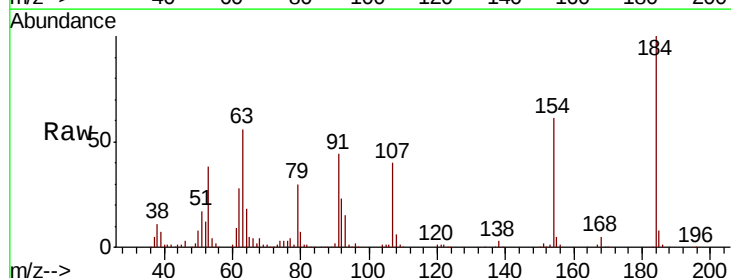


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

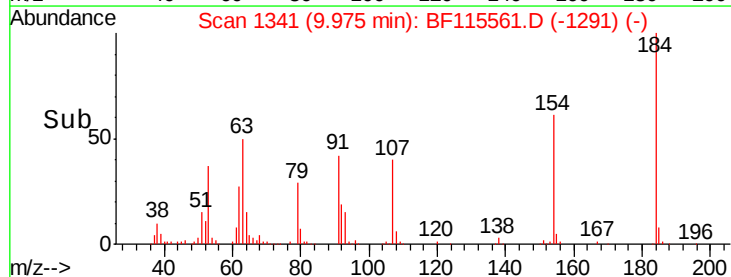
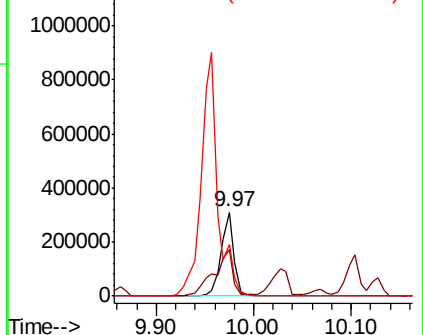


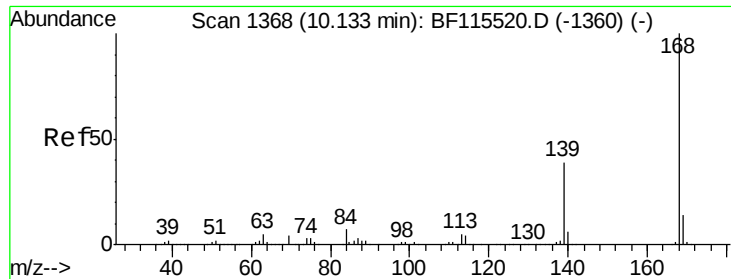
#54  
2,4-Dinitrophenol  
Concen: 95.212 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Tgt Ion:184 Resp: 283056  
Ion Ratio Lower Upper  
184 100  
63 55.6 48.7 73.1  
154 60.9 48.6 73.0



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

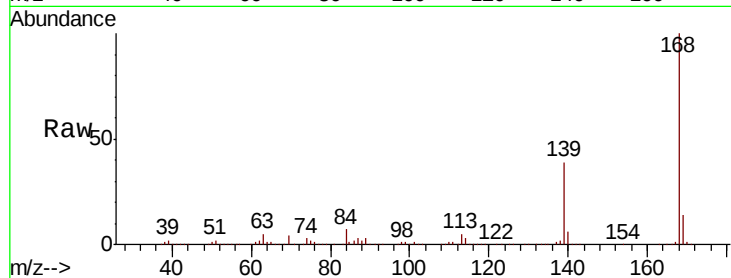




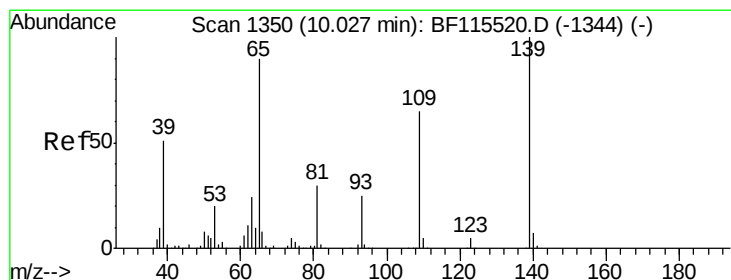
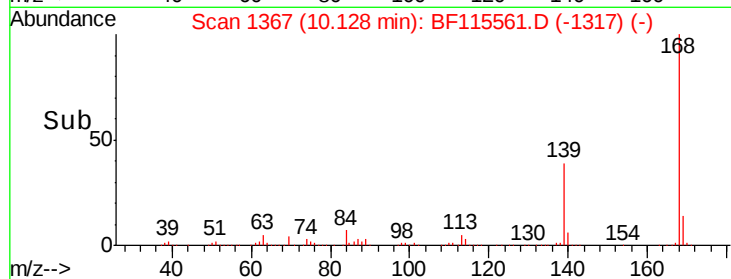
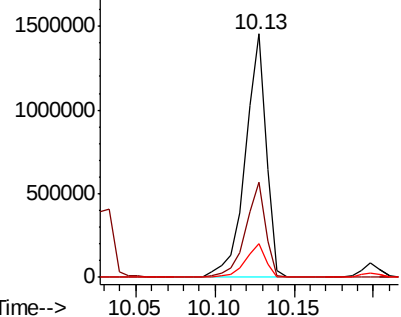
#55  
Dibenzenofuran  
Concen: 44.766 ng  
RT: 10.13 min Scan# 1367  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB121222BS

Tot Ion:168 Resp: 1340738  
Ion Ratio Lower Upper  
168 100  
139 38.9 31.1 46.7  
169 13.9 11.1 16.7

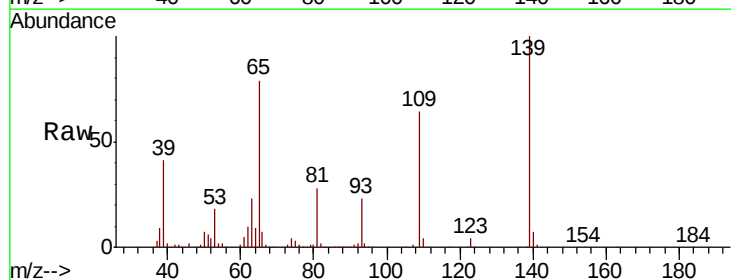


Abundance Ion 168.00 (167.70 to 168.70): E  
2000000 Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

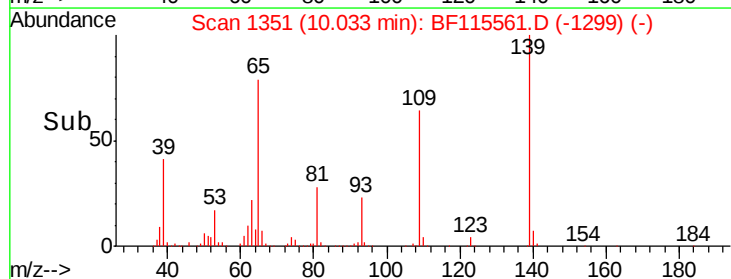
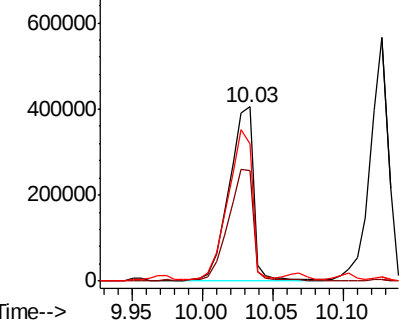


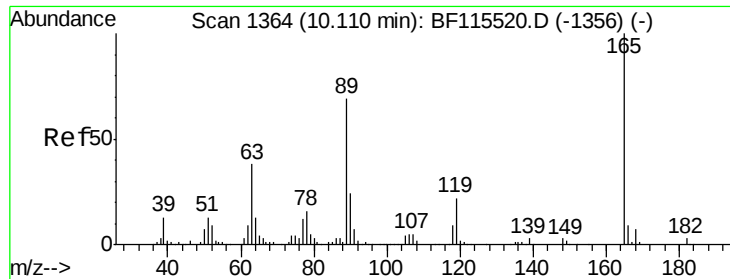
#56  
4-Nitrophenol  
Concen: 96.910 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. 0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Tgt Ion:139 Resp: 488990  
Ion Ratio Lower Upper  
139 100  
109 63.6 46.4 86.4  
65 79.0 68.9 108.9



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

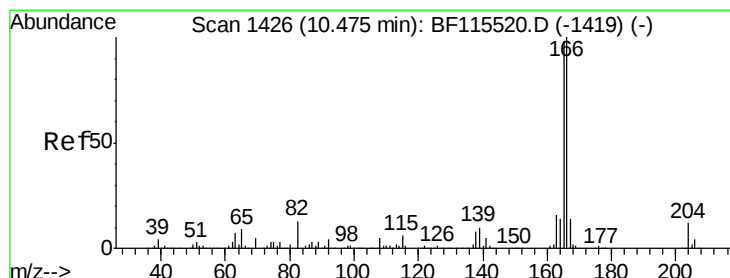
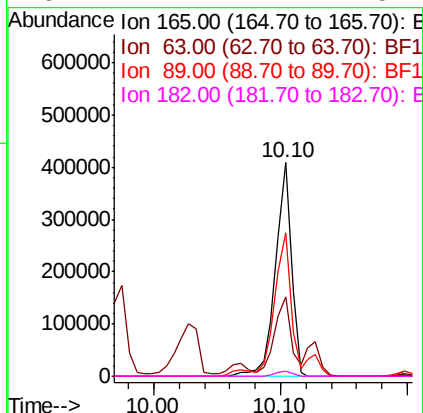
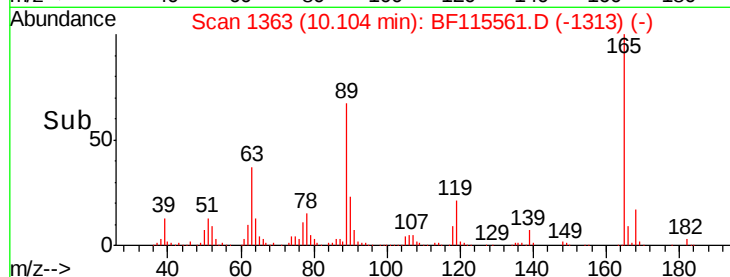
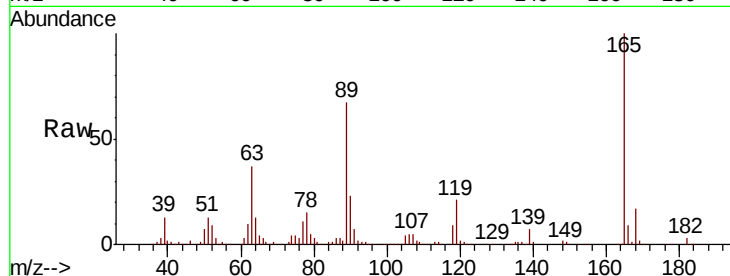




#57  
2,4-Dinitrotoluene  
Concen: 47.542 ng  
RT: 10.10 min Scan# 1363  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

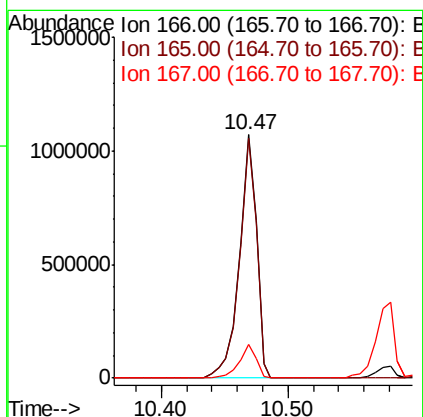
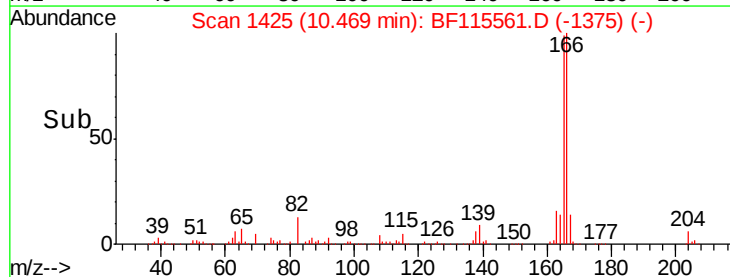
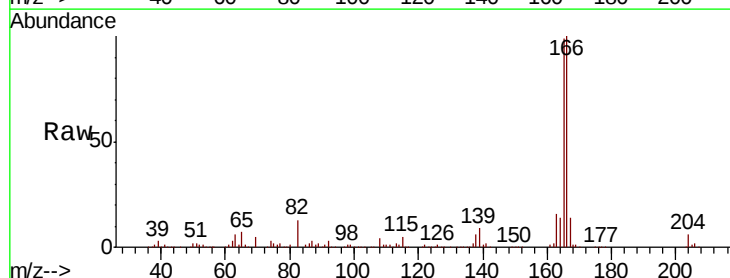
Instrument :  
BNA\_F  
ClientSampleId :  
PB121222BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 37.5  | 34.9  | 52.3  |
| 89      | 66.9  | 57.5  | 86.3  |
| 182     | 2.7   | 2.2   | 3.4   |



#58  
Fluorene  
Concen: 46.466 ng  
RT: 10.47 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.7  | 79.8  | 119.6 |
| 167     | 13.8  | 11.2  | 16.8  |

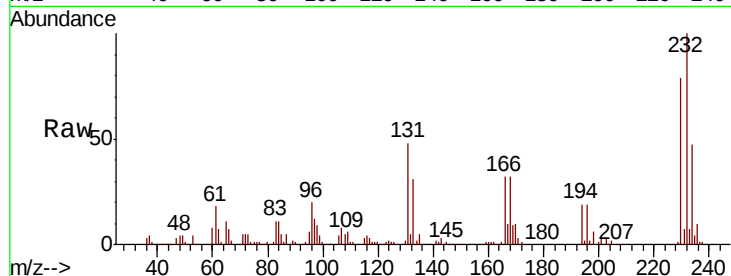




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.893 ng  
 RT: 10.24 min Scan# 1386  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121222BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 44.0  | 35.9  | 53.9  |
| 130     | 2.1   | 1.8   | 2.6   |
| 166     | 30.5  | 24.8  | 37.2  |



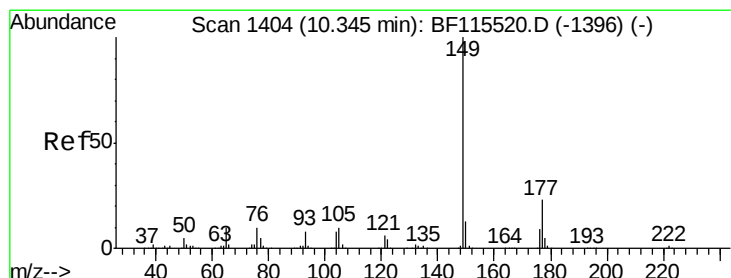
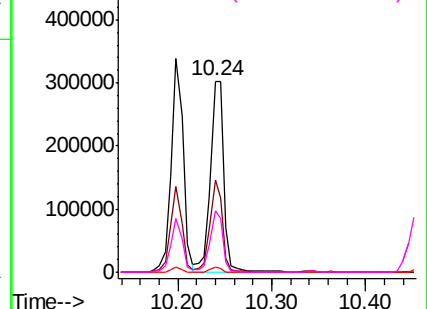
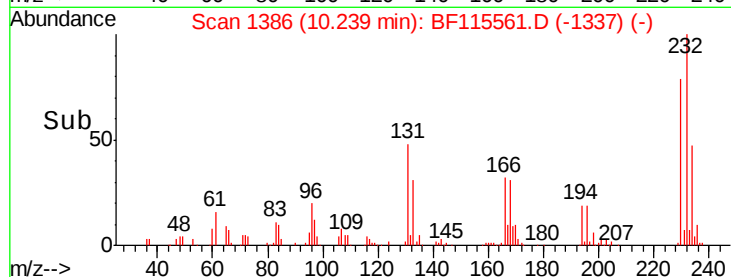
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

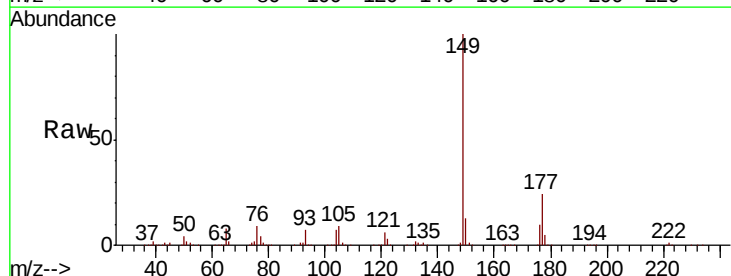
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 46.035 ng  
 RT: 10.35 min Scan# 1404  
 Delta R.T. 0.00 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.4  | 19.5  | 29.3  |
| 150     | 12.6  | 10.4  | 15.6  |

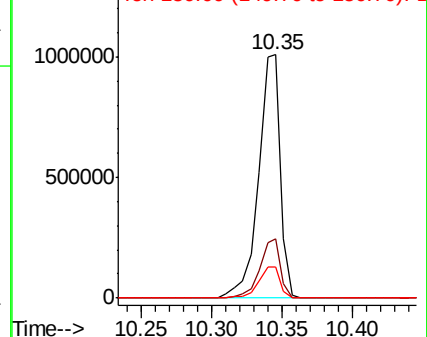
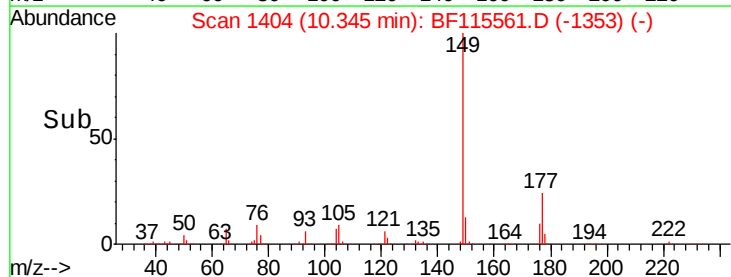


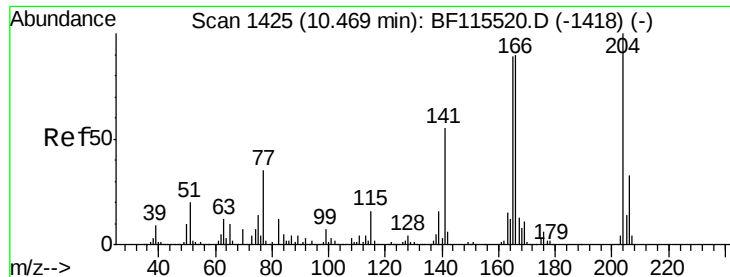
Abundance

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

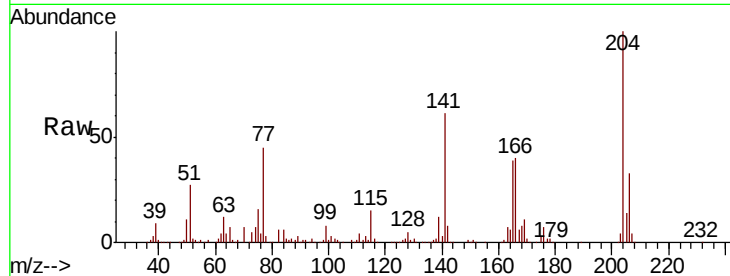




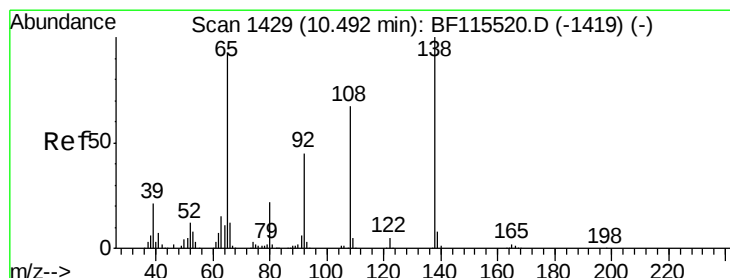
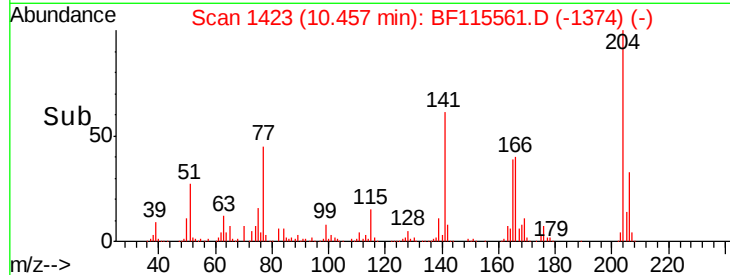
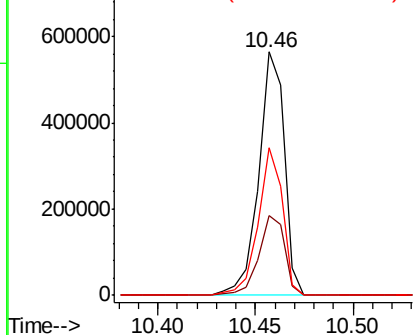
#61  
4-Chlorophenyl-phenylether  
Concen: 43.150 ng  
RT: 10.46 min Scan# 1423  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB121222BS

Tot Ion:204 Resp: 512335  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.7 40.1  
141 60.6 44.2 66.2

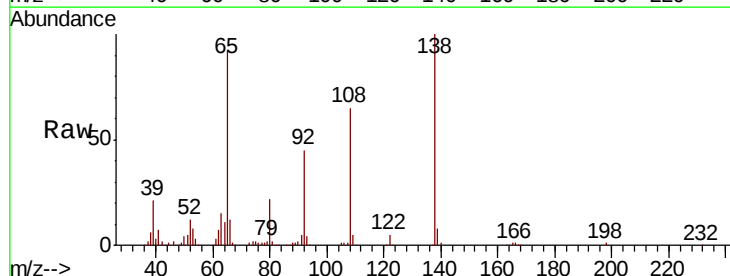


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

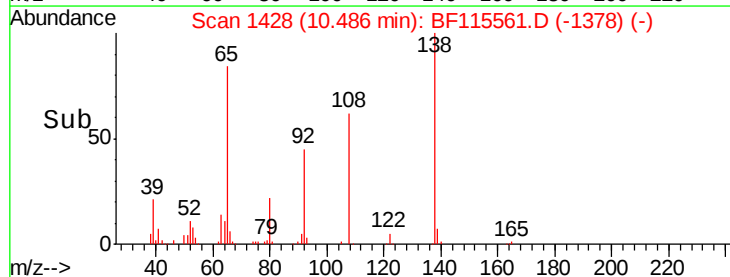
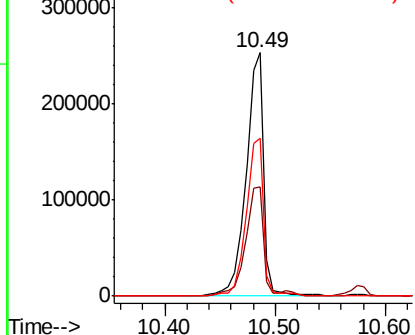


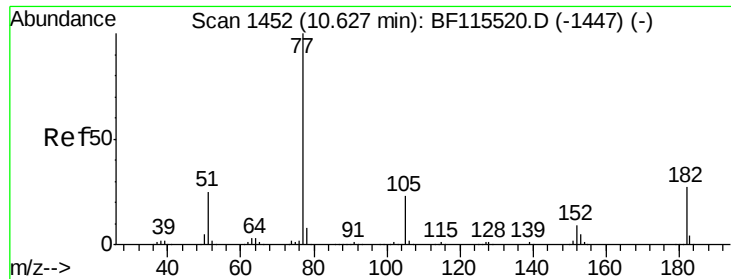
#62  
4-Nitroaniline  
Concen: 44.648 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Tgt Ion:138 Resp: 283389  
Ion Ratio Lower Upper  
138 100  
92 45.1 27.1 67.1  
108 64.7 48.0 88.0



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

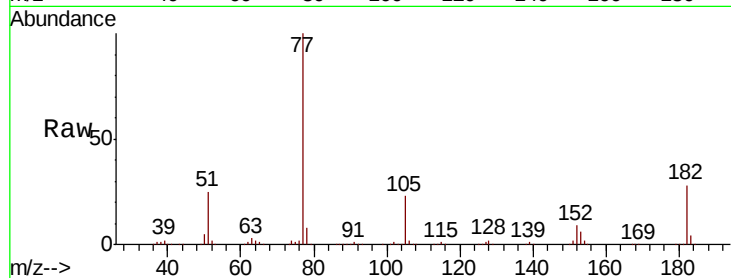




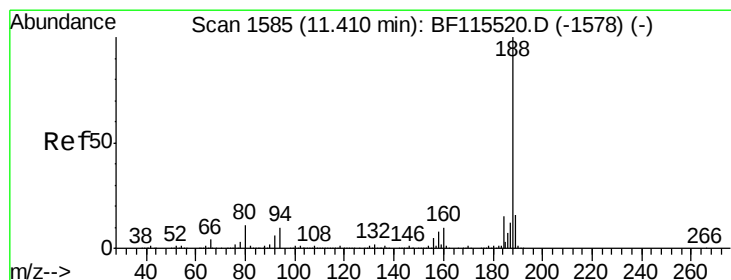
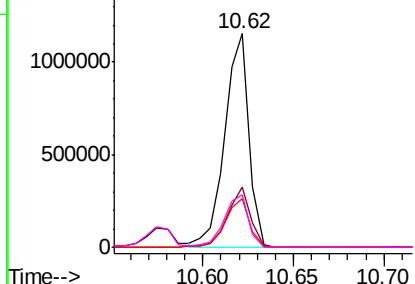
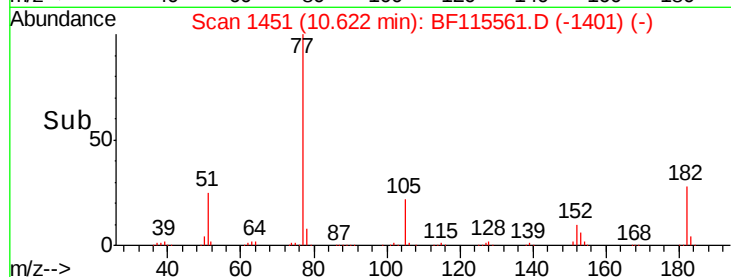
#63  
Azobenzene  
Concen: 45.926 ng  
RT: 10.62 min Scan# 1451  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB121222BS

Tot Ion: 77 Resp: 1063462  
Ion Ratio Lower Upper  
77 100  
182 28.2 6.9 46.9  
105 23.1 3.9 43.9  
51 24.8 7.3 47.3

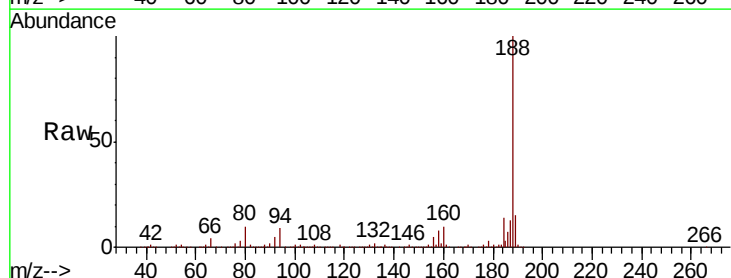


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

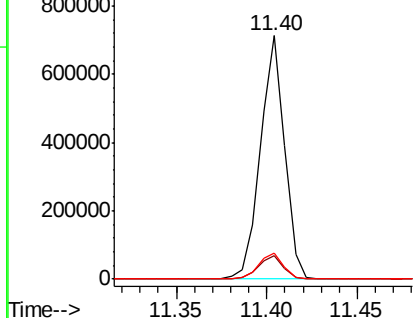
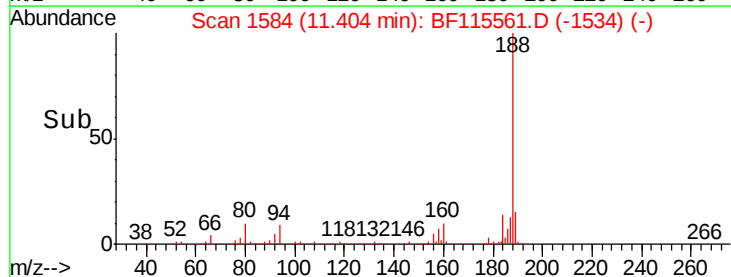


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Tgt Ion: 188 Resp: 660715  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.8 11.6  
80 10.5 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: 47.261 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

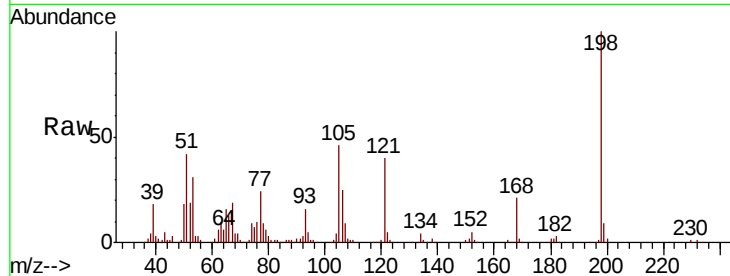
Tot Ion:198 Resp: 190782

Ion Ratio Lower Upper

198 100

51 41.9 19.1 59.1

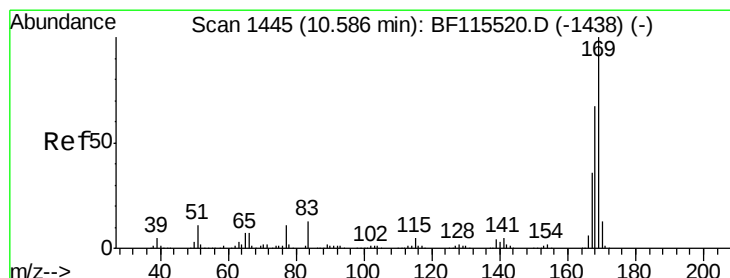
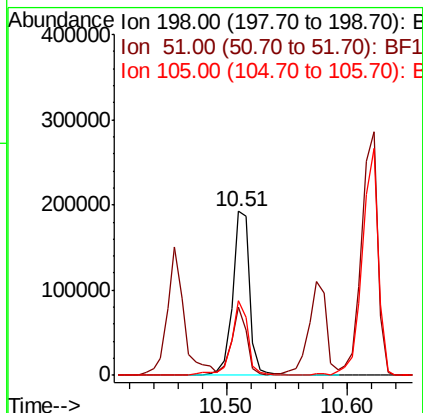
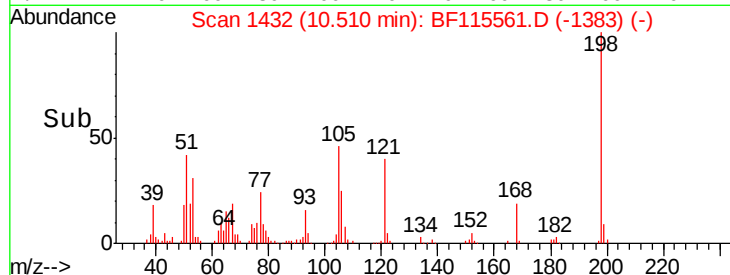
105 45.8 23.6 63.6



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: 45.458 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

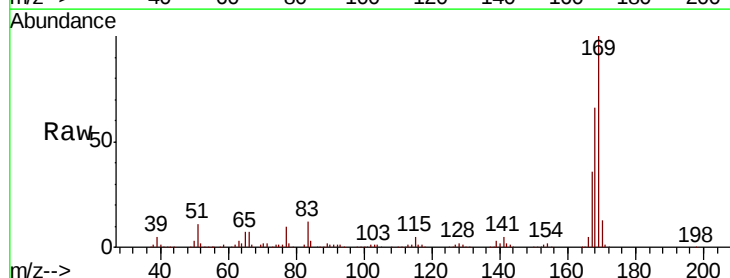
Tgt Ion:169 Resp: 934276

Ion Ratio Lower Upper

169 100

168 66.4 54.3 81.5

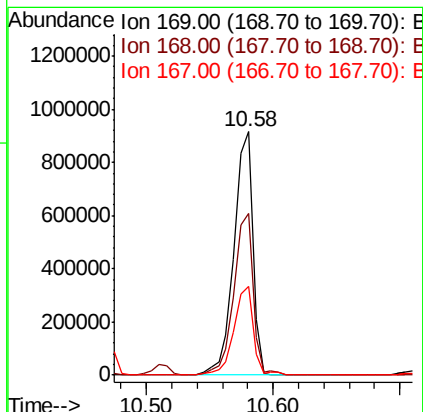
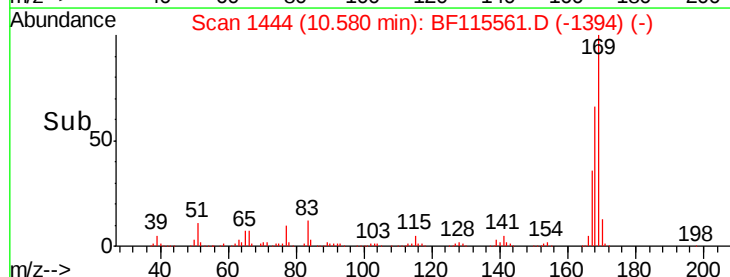
167 36.5 30.2 45.2

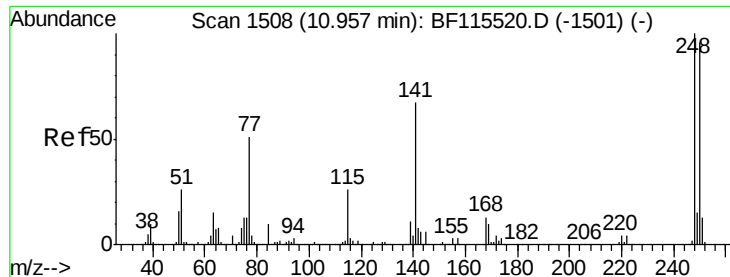


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

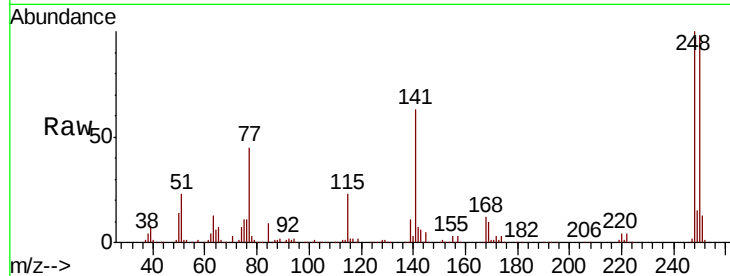




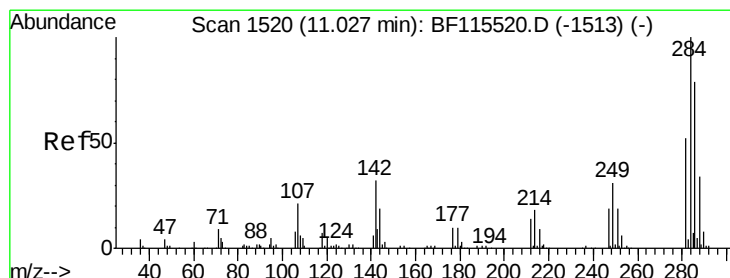
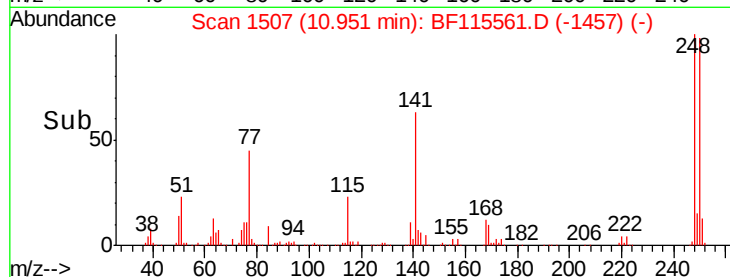
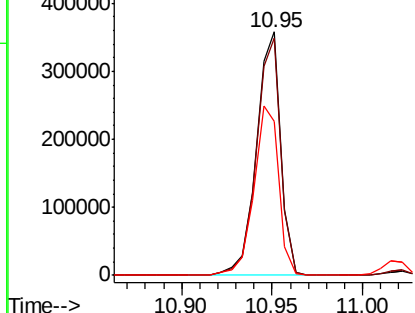
#67  
 4-Bromophenyl-phenylether  
 Concen: 44.002 ng  
 RT: 10.95 min Scan# 1507  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121222BS

Tot Ion:248 Resp: 332232  
 Ion Ratio Lower Upper  
 248 100  
 250 97.7 78.0 117.0  
 141 63.1 57.7 86.5

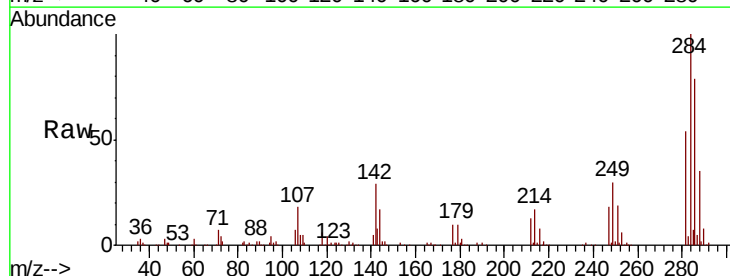


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

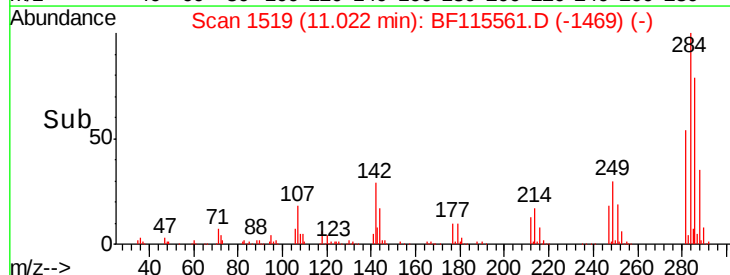
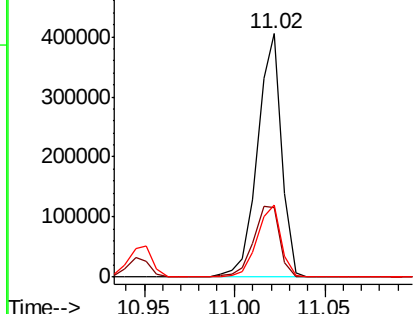


#68  
 Hexachlorobenzene  
 Concen: 43.378 ng  
 RT: 11.02 min Scan# 1519  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

Tgt Ion:284 Resp: 374030  
 Ion Ratio Lower Upper  
 284 100  
 142 28.6 22.2 33.2  
 249 29.7 23.4 35.2



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

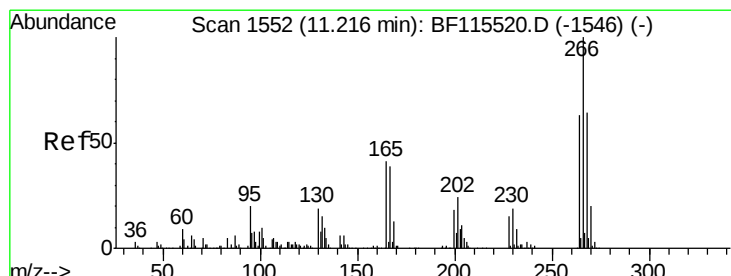
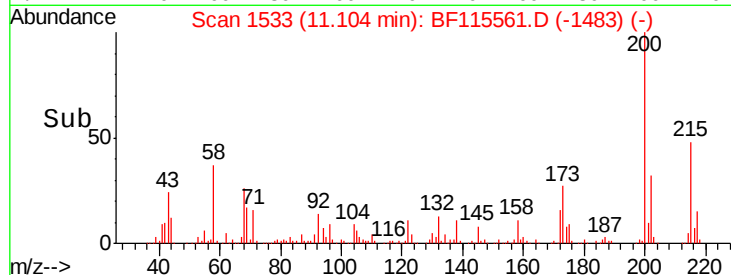
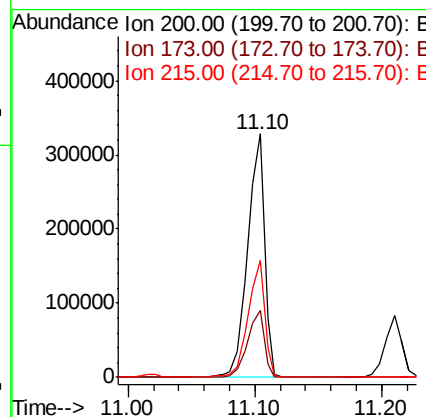
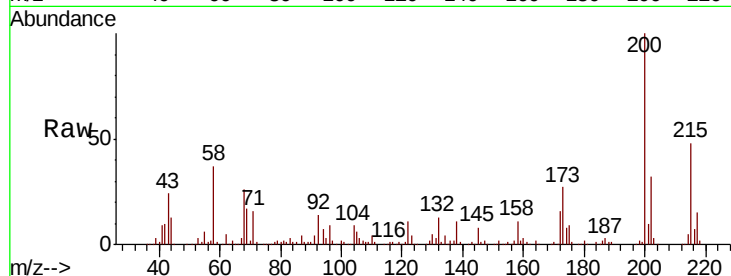




#69  
Atrazine  
Concen: 44.844 ng  
RT: 11.10 min Scan# 1533  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

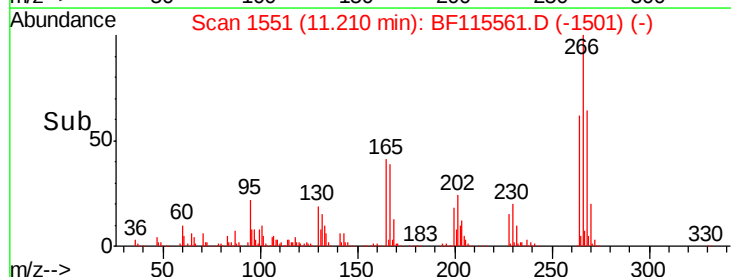
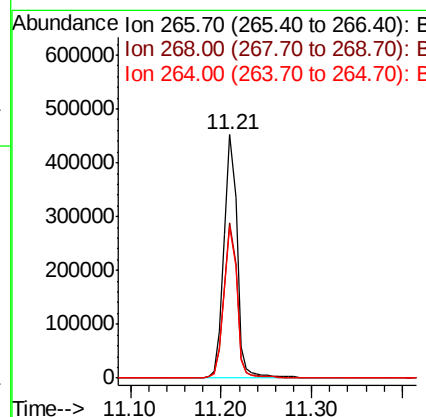
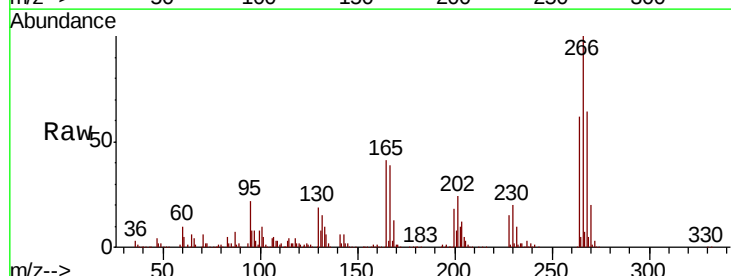
Instrument :  
BNA\_F  
ClientSampleId :  
PB121222BS

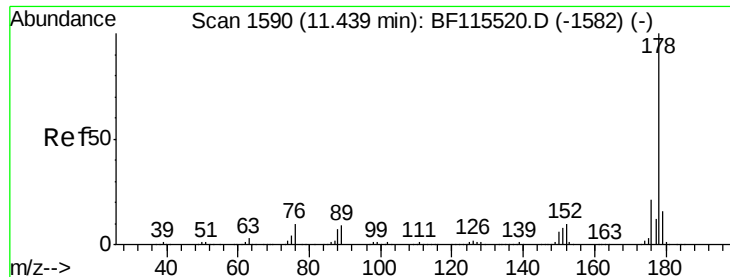
Tot Ion:200 Resp: 302351  
Ion Ratio Lower Upper  
200 100  
173 27.3 6.9 46.9  
215 47.8 27.9 67.9



#70  
Pentachlorophenol  
Concen: 85.920 ng  
RT: 11.21 min Scan# 1551  
Delta R.T. -0.01 min  
Lab File: BF115561.D  
Acq: 15 Jul 2019 17:26

Tgt Ion:266 Resp: 453120  
Ion Ratio Lower Upper  
266 100  
268 63.6 51.6 77.4  
264 62.3 50.6 76.0





#71

Phenanthrene

Concen: 44.702 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

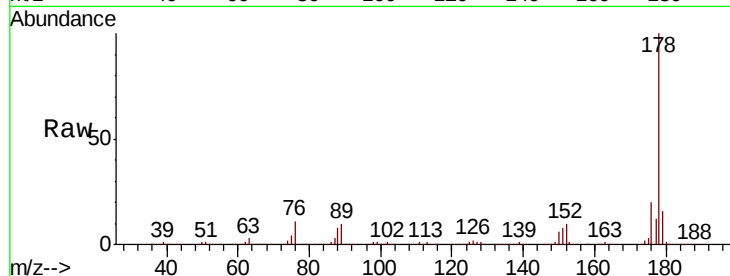
Tot Ion:178 Resp: 1513951

Ion Ratio Lower Upper

178 100

176 20.5 17.2 25.8

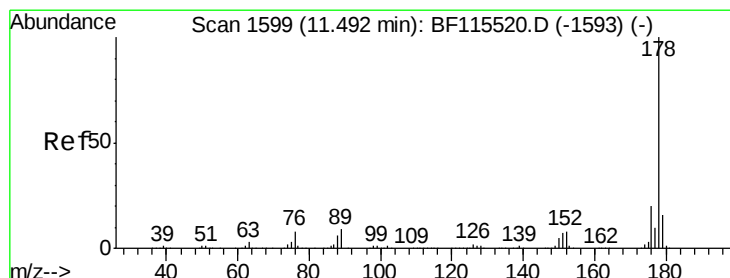
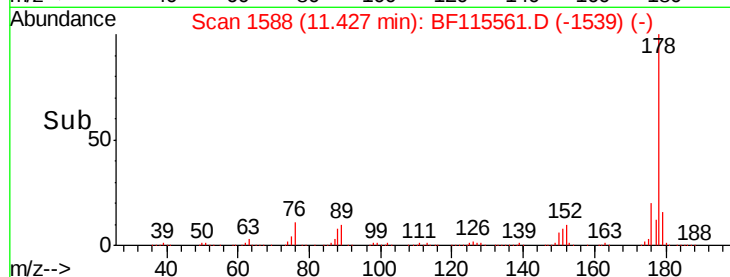
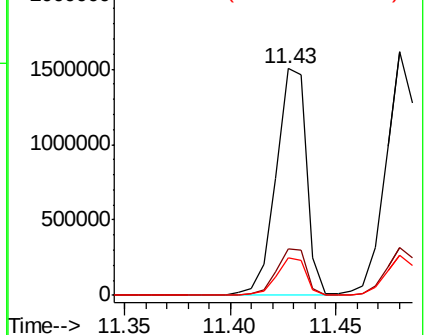
179 16.4 13.5 20.3



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



#72

Anthracene

Concen: 44.697 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

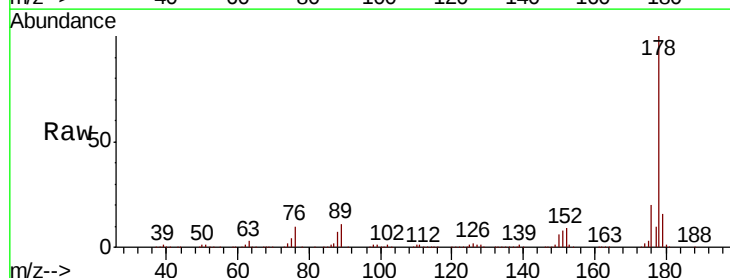
Tgt Ion:178 Resp: 1564441

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

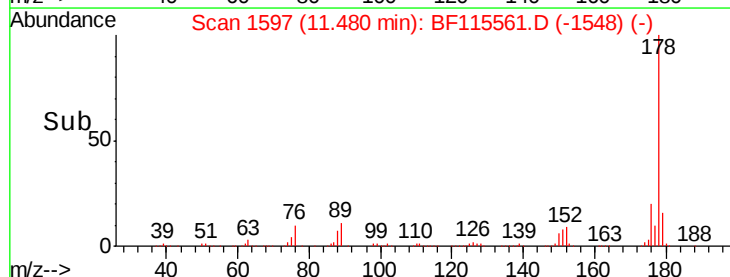
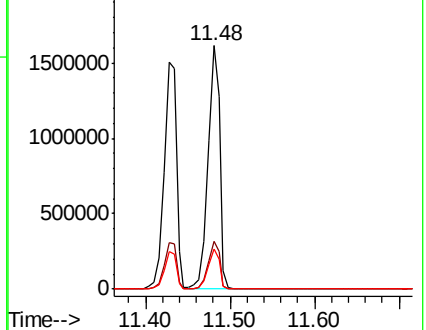
179 16.2 12.7 19.1

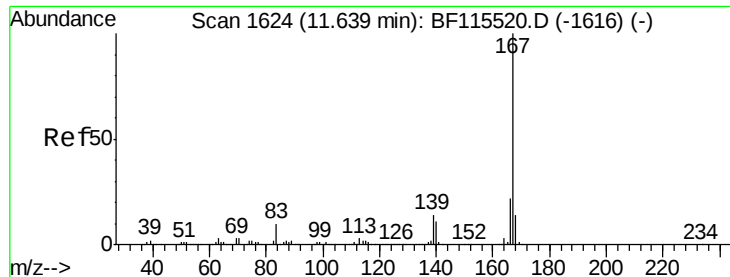


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



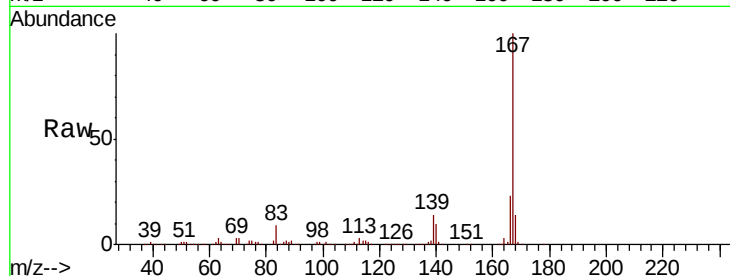


#73  
 Carbazole  
 Concen: 44.870 ng  
 RT: 11.63 min Scan# 1623  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

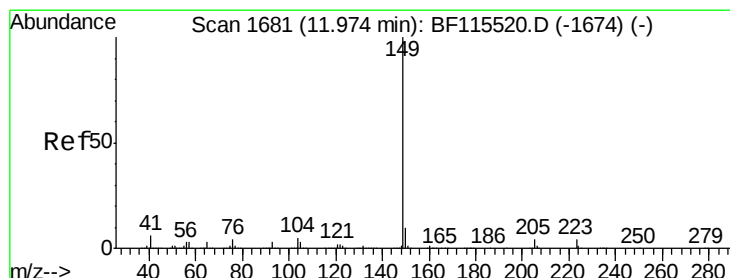
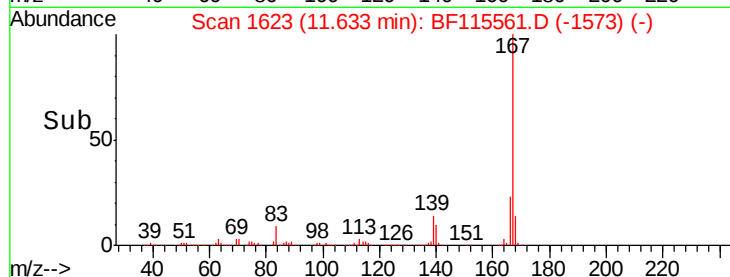
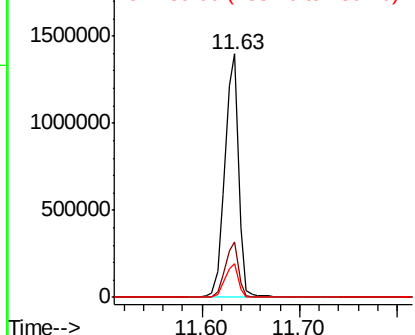
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121222BS

Tot Ion:167 Resp: 1377213  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.5  | 18.1  | 27.1  |
| 139 | 13.6  | 11.3  | 16.9  |



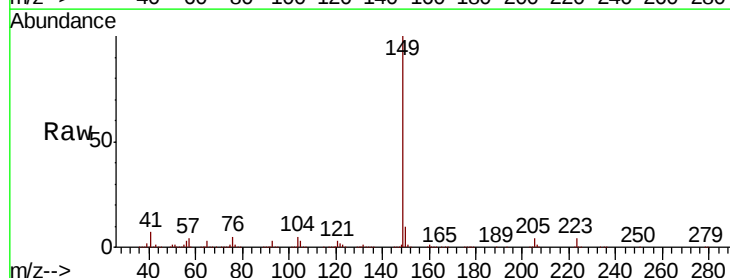
Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E



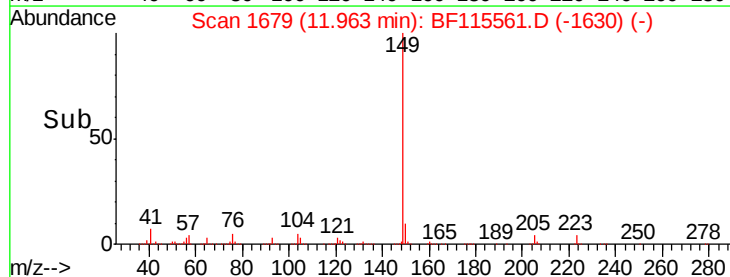
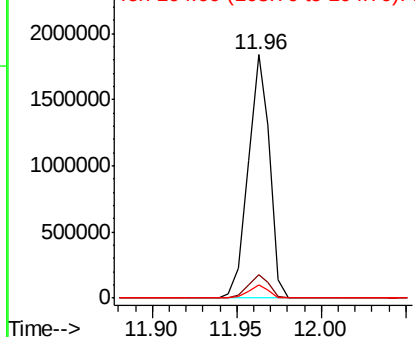
#74  
 Di-n-butylphthalate  
 Concen: 42.991 ng  
 RT: 11.96 min Scan# 1679  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

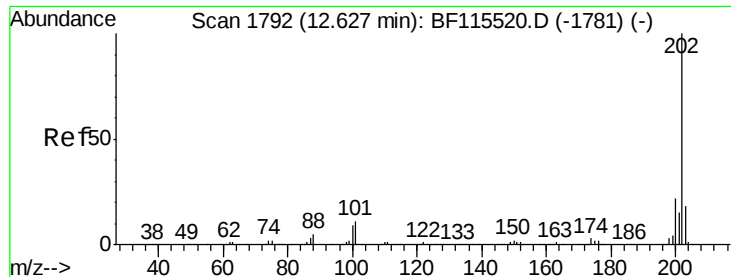
Tgt Ion:149 Resp: 1625369  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.9   | 7.7   | 11.5  |
| 104 | 5.2   | 3.8   | 5.8   |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 104.00 (103.70 to 104.70): E

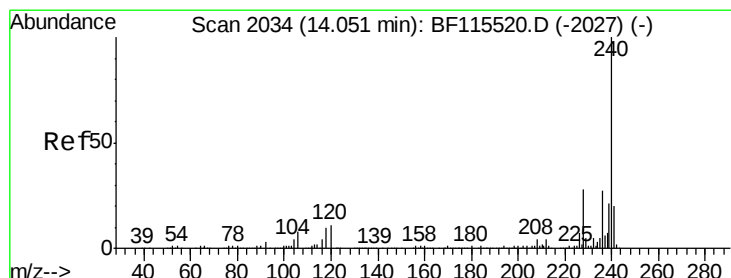
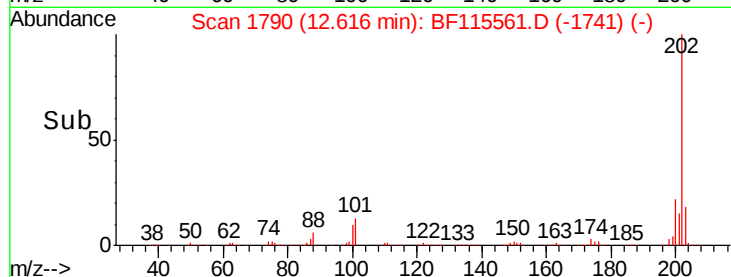
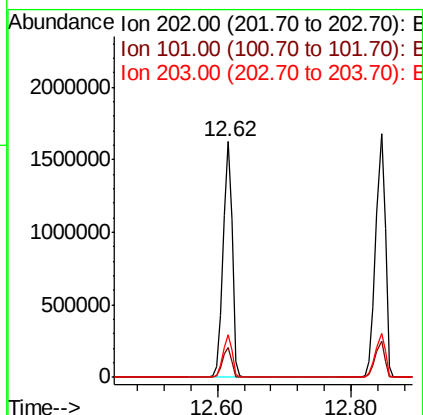
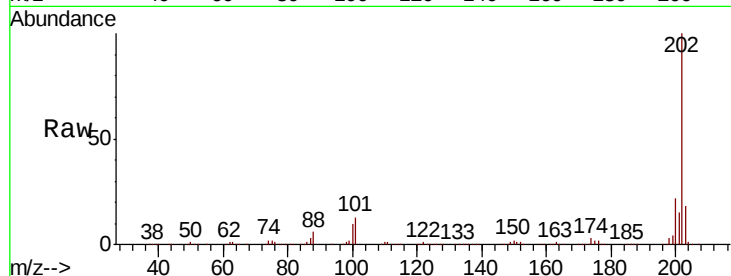




#75  
 Fluoranthene  
 Concen: 44.357 ng  
 RT: 12.62 min Scan# 1790  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

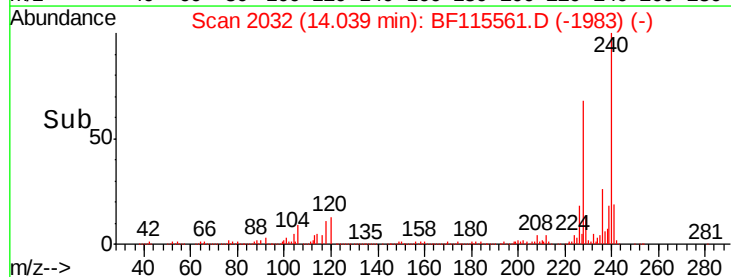
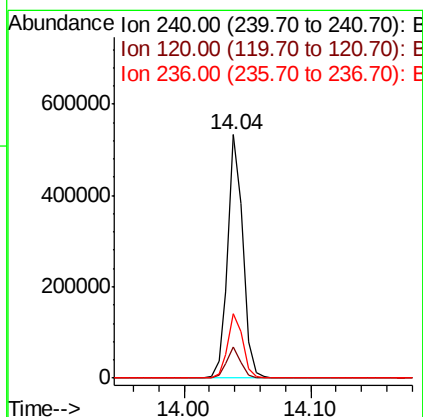
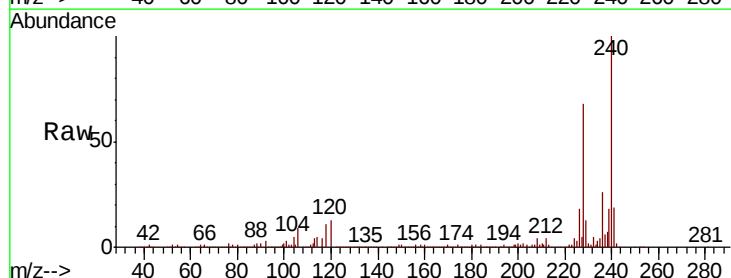
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121222BS

Tot Ion:202 Resp: 1587502  
 Ion Ratio Lower Upper  
 202 100  
 101 12.8 0.0 31.4  
 203 18.3 0.0 38.1



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.04 min Scan# 2032  
 Delta R.T. -0.01 min  
 Lab File: BF115561.D  
 Acq: 15 Jul 2019 17:26

Tgt Ion:240 Resp: 440808  
 Ion Ratio Lower Upper  
 240 100  
 120 12.6 8.6 13.0  
 236 26.3 21.3 31.9





#77

Benzidine

Concen: 53.329 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

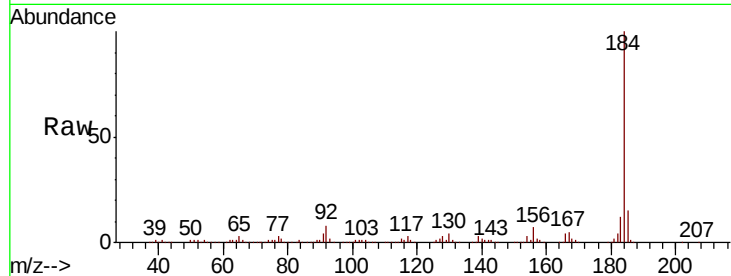
BNA\_F

ClientSampleId :

PB121222BS

Tot Ion:184 Resp: 832767

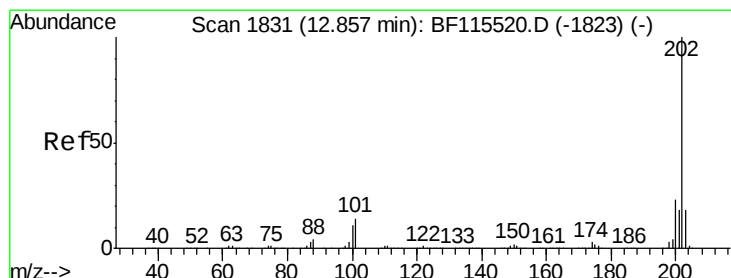
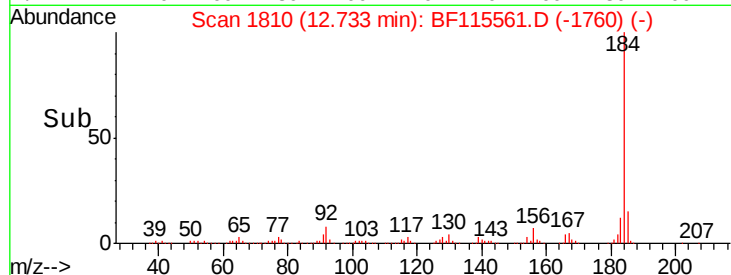
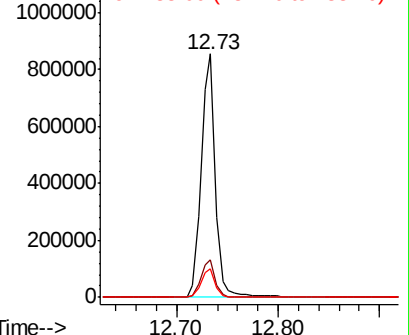
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.2  | 12.0  | 18.0  |
| 183 | 11.7  | 9.3   | 13.9  |



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.867 ng

RT: 12.85 min Scan# 1829

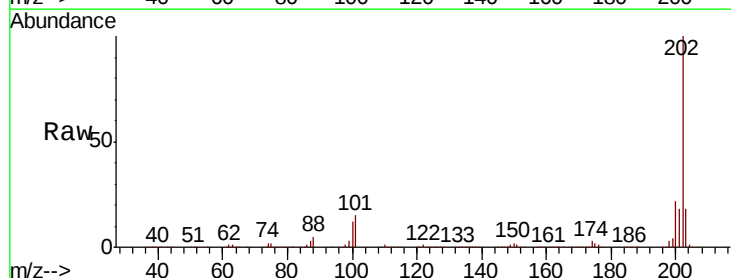
Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Tgt Ion:202 Resp: 1600938

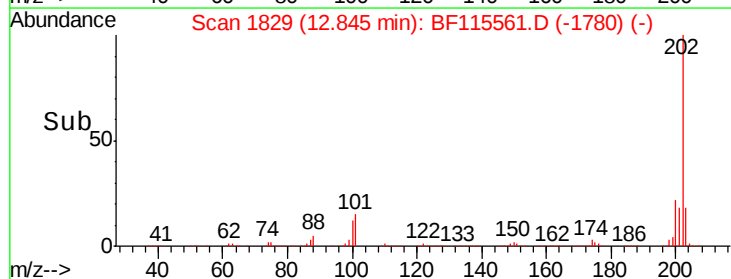
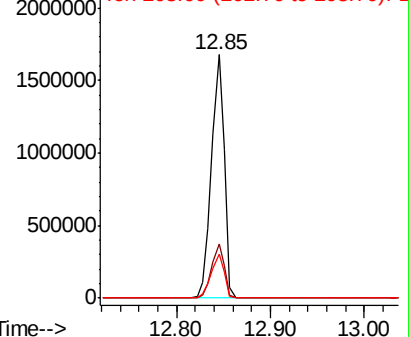
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.3  | 18.7  | 28.1  |
| 203 | 18.1  | 15.2  | 22.8  |



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: 86.269 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

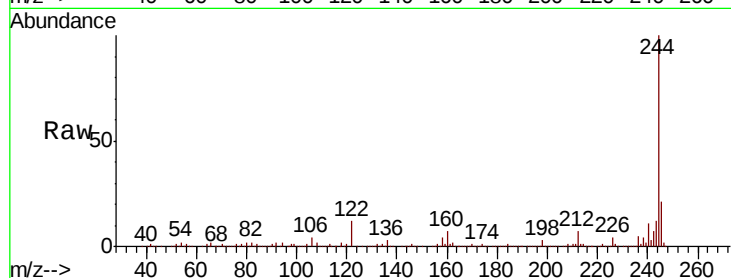
Tot Ion:244 Resp: 2060946

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

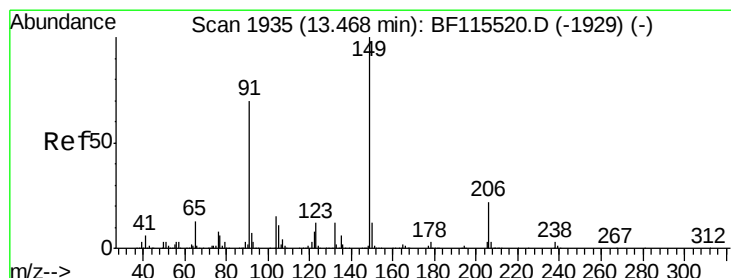
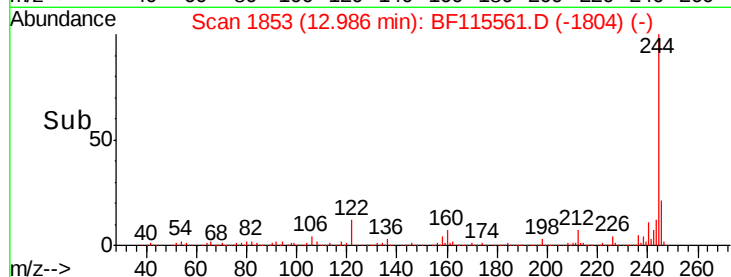
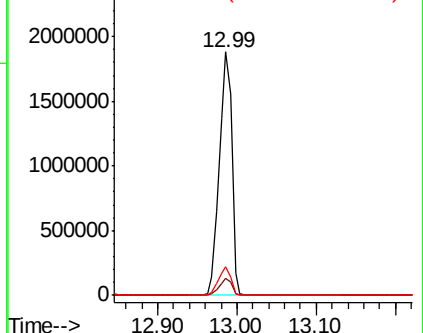
122 11.8 8.6 12.8



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: 42.979 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

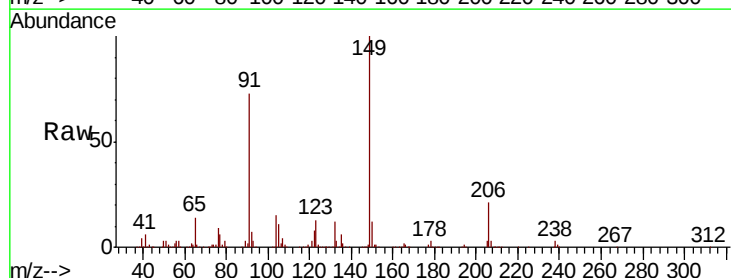
Tgt Ion:149 Resp: 684253

Ion Ratio Lower Upper

149 100

91 72.9 55.8 83.8

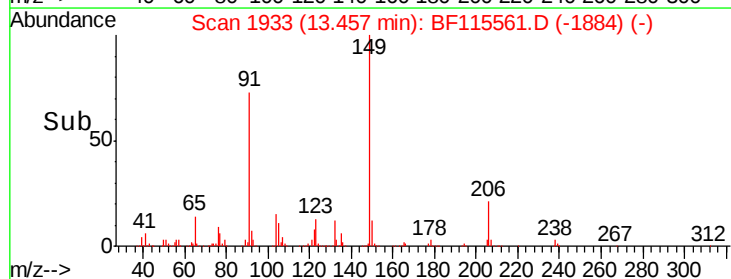
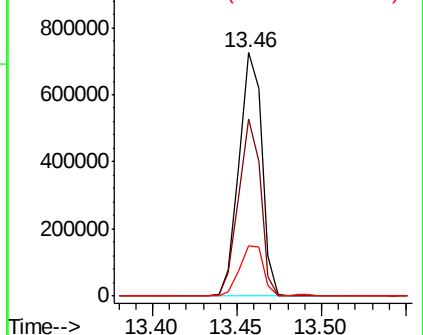
206 20.7 18.2 27.2



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: 43.294 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

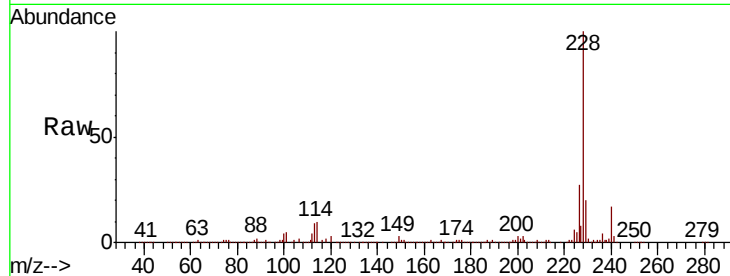
Tot Ion:228 Resp: 1257288

Ion Ratio Lower Upper

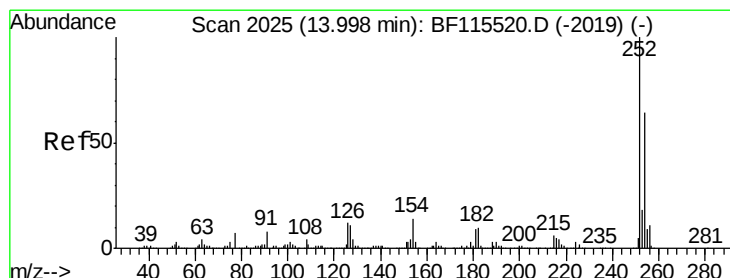
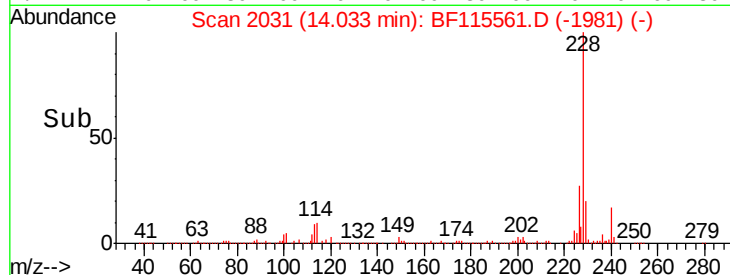
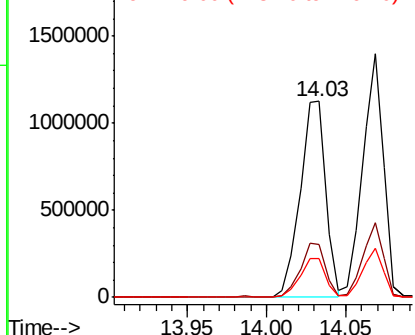
228 100

226 27.2 23.4 35.0

229 19.9 17.2 25.8



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



#82

3,3'-Dichlorobenzidine

Concen: 35.504 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

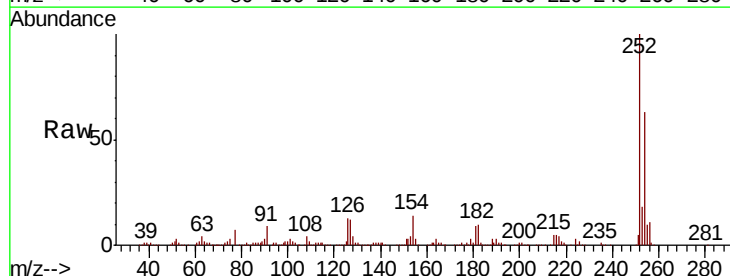
Tgt Ion:252 Resp: 366532

Ion Ratio Lower Upper

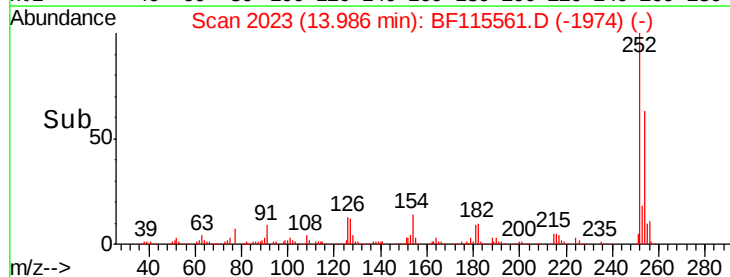
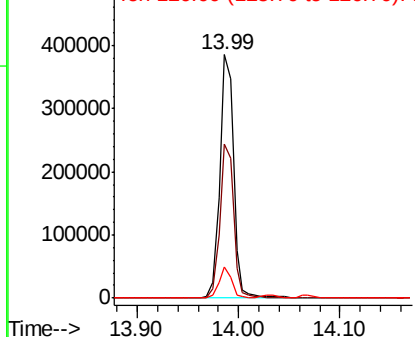
252 100

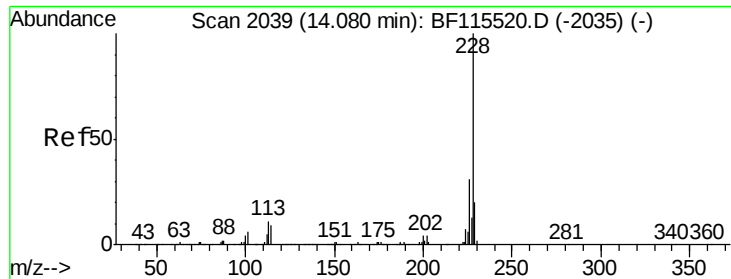
254 63.3 52.9 79.3

126 13.0 9.9 14.9



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





#83

Chrysene

Concen: 44.580 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

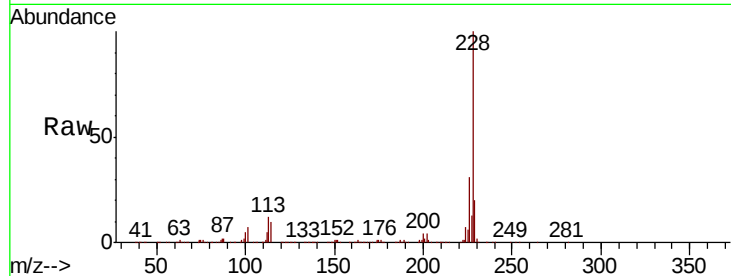
Tot Ion:228 Resp: 1299627

Ion Ratio Lower Upper

228 100

226 30.9 25.7 38.5

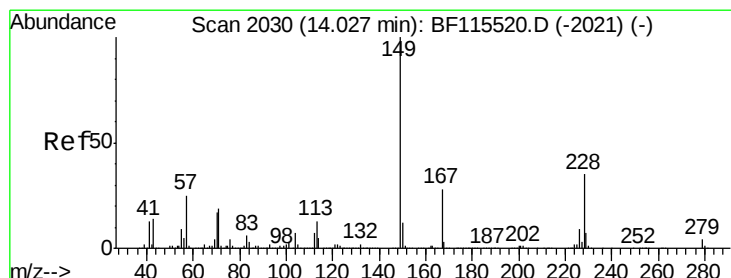
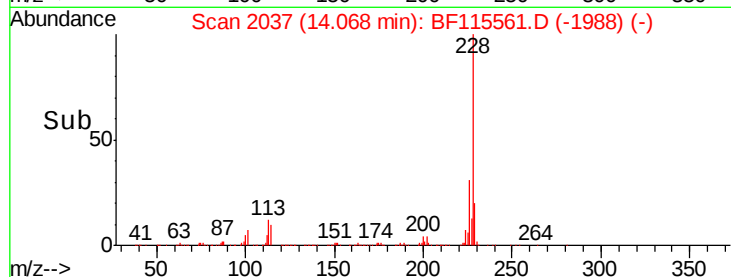
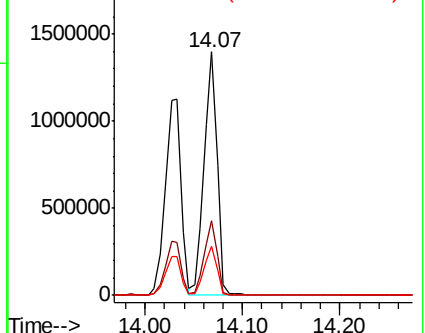
229 20.4 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.095 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

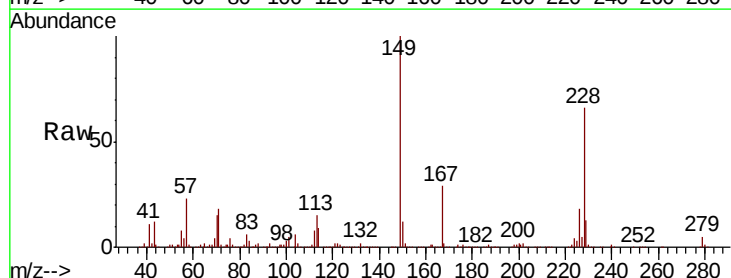
Tgt Ion:149 Resp: 849861

Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.4

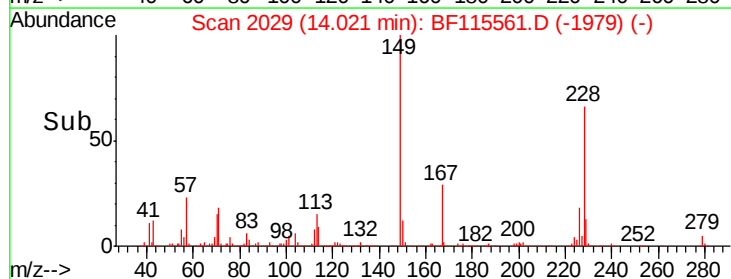
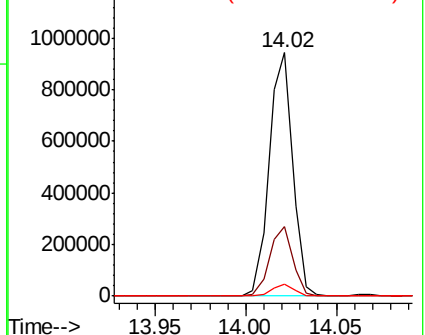
279 5.0 4.2 6.2



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: 46.599 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

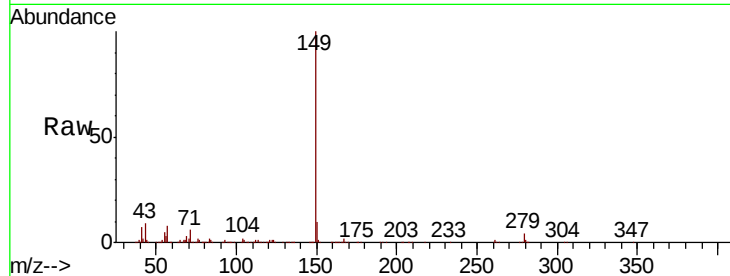
Tot Ion:149 Resp: 1462168

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

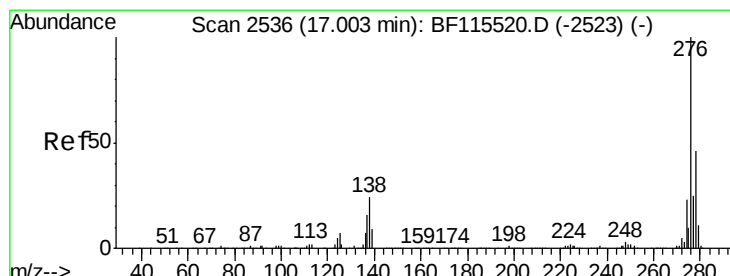
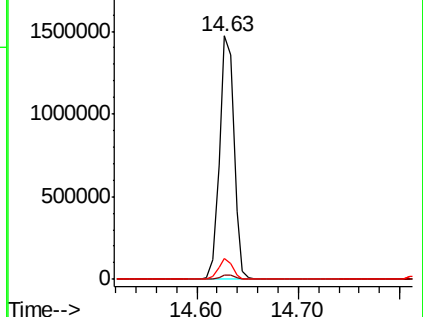
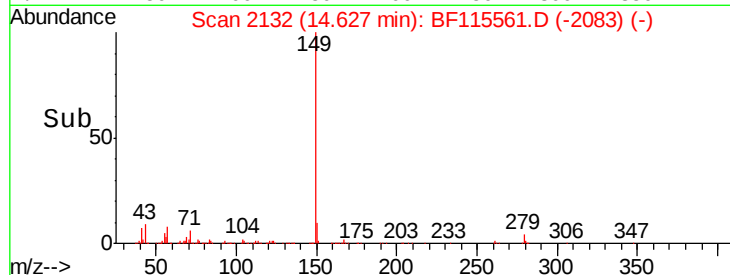
43 8.2 7.2 10.8



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: 44.750 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

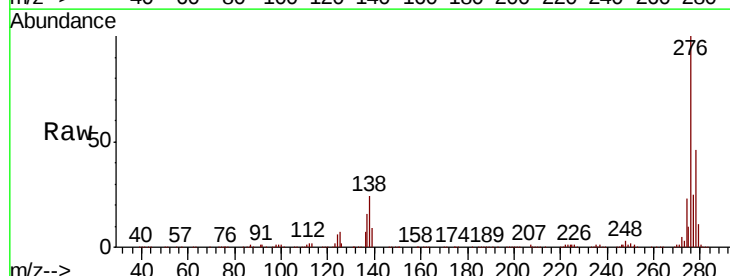
Tgt Ion:276 Resp: 1108348

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.2

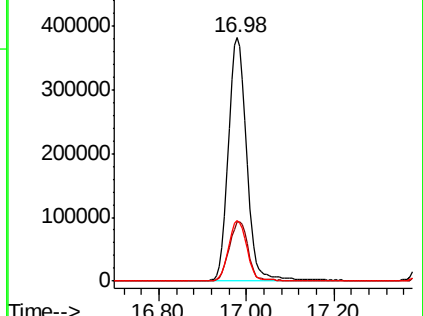
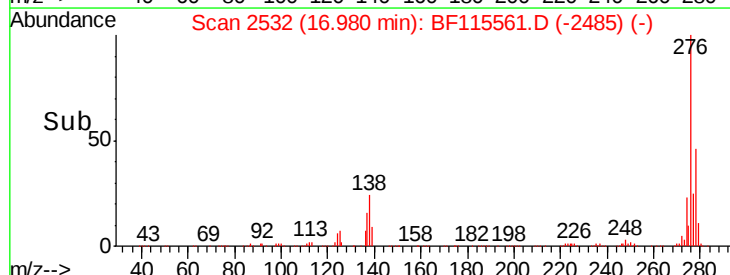
277 25.0 20.4 30.6

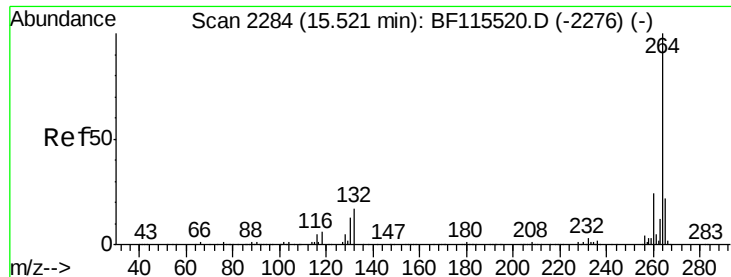


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.50 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

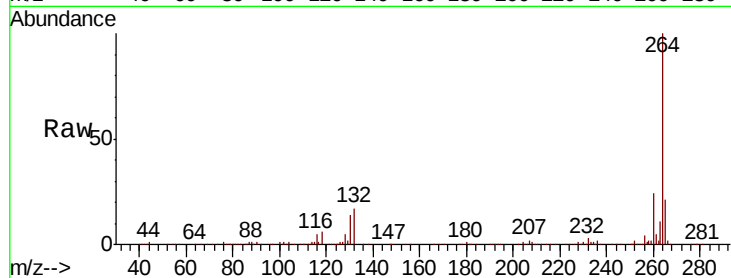
Tot Ion:264 Resp: 409630

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.8

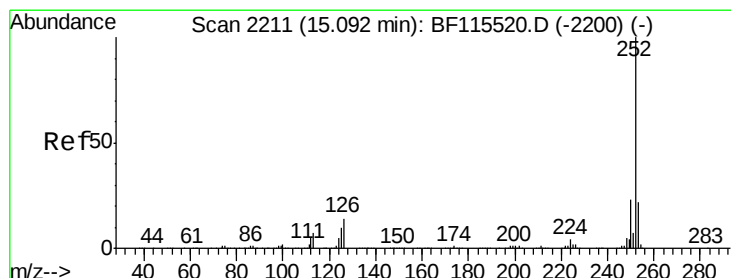
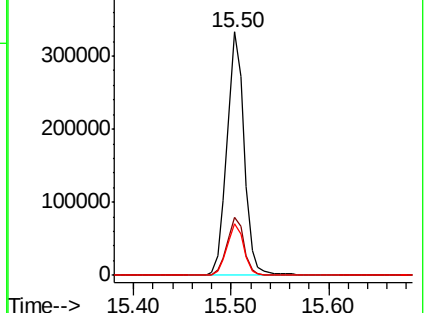
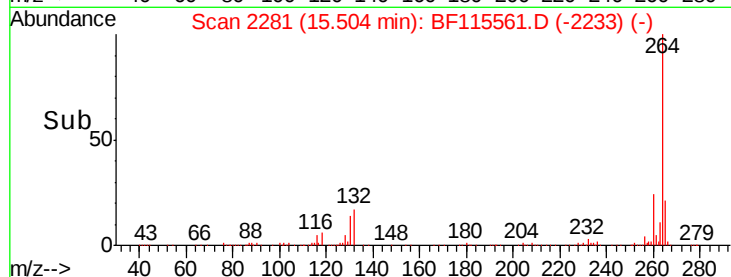
265 21.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.926 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

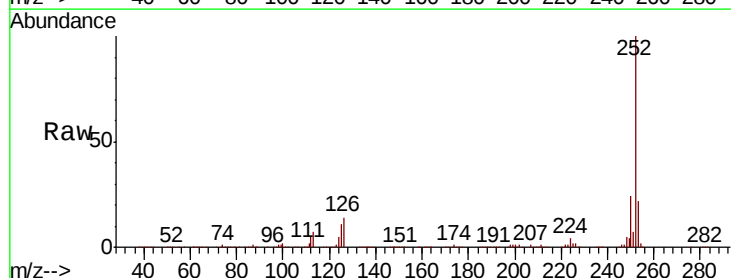
Tgt Ion:252 Resp: 1184994

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

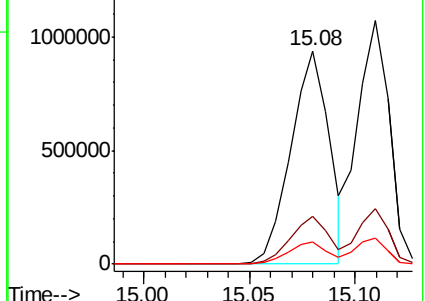
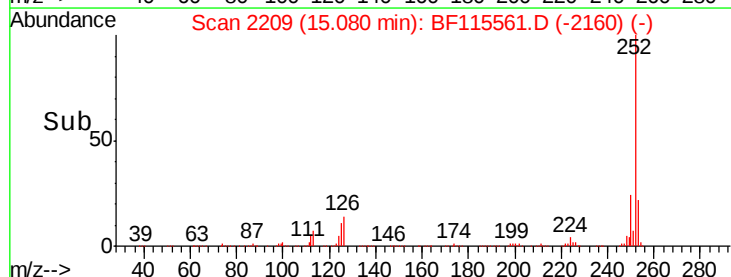
125 10.5 9.0 13.4

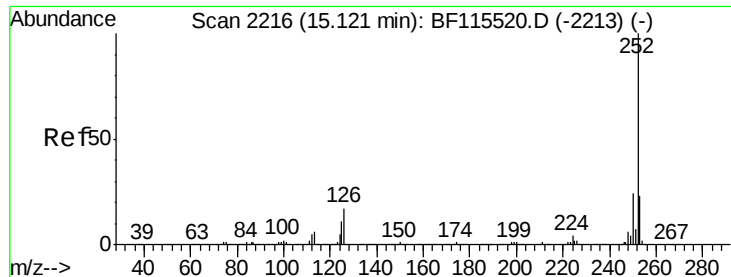


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.802 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

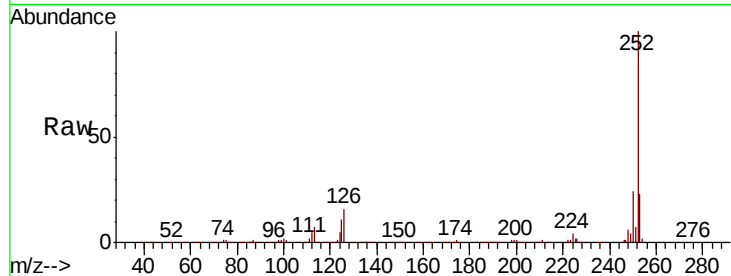
Tot Ion:252 Resp: 1147644

Ion Ratio Lower Upper

252 100

253 22.8 18.6 28.0

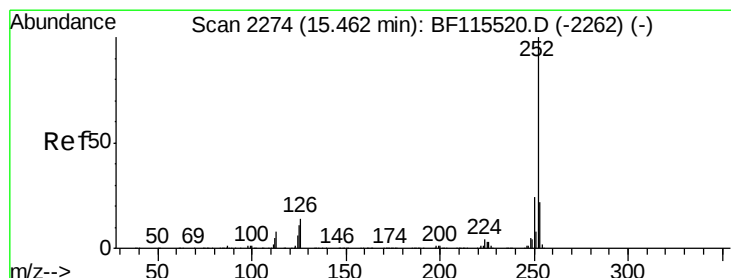
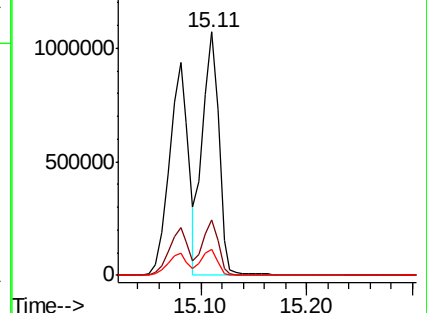
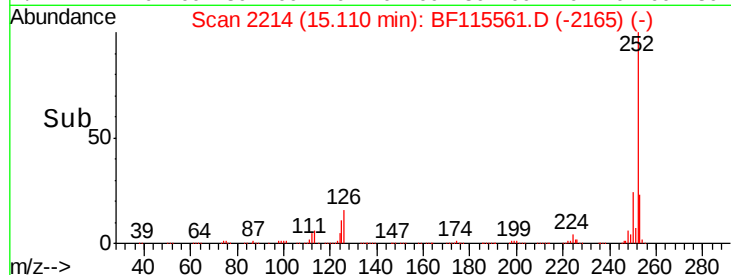
125 10.8 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.242 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

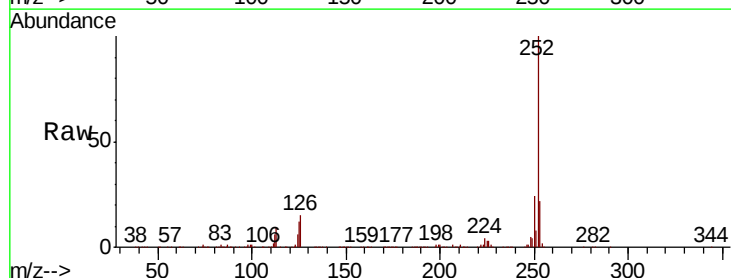
Tgt Ion:252 Resp: 1093685

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

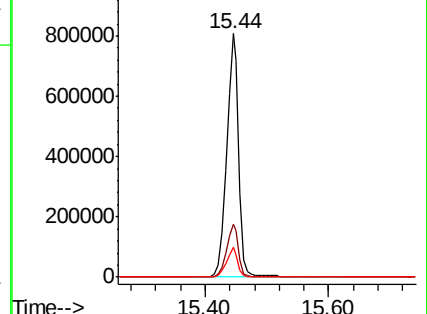
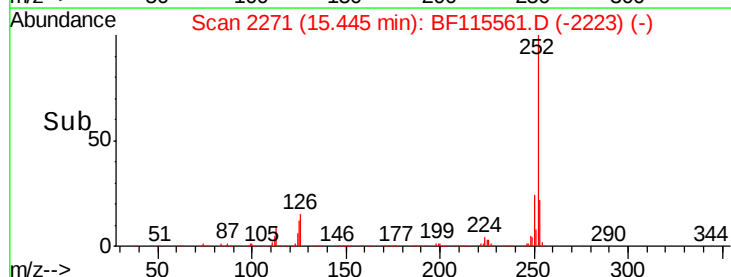
125 12.2 9.1 13.7

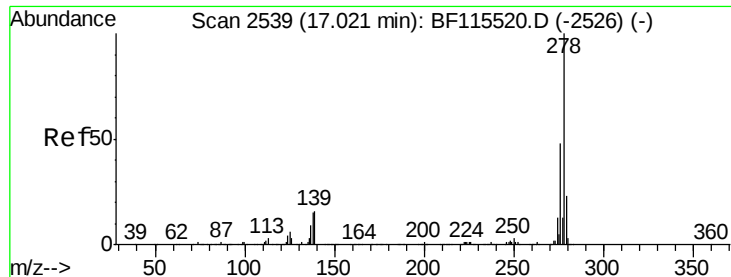


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.110 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

Instrument :

BNA\_F

ClientSampleId :

PB121222BS

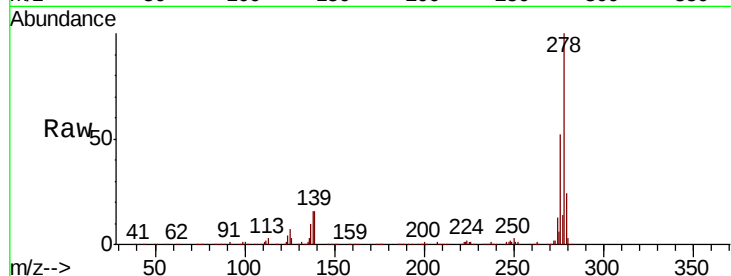
Tot Ion:278 Resp: 917715

Ion Ratio Lower Upper

278 100

139 16.1 13.1 19.7

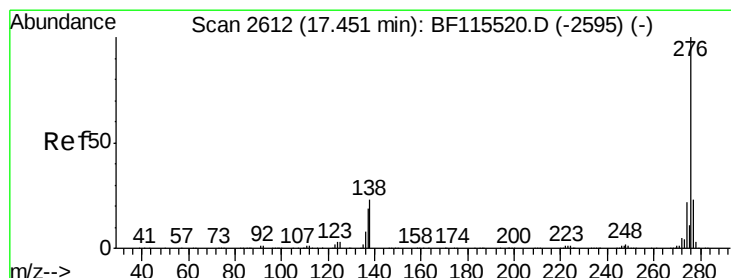
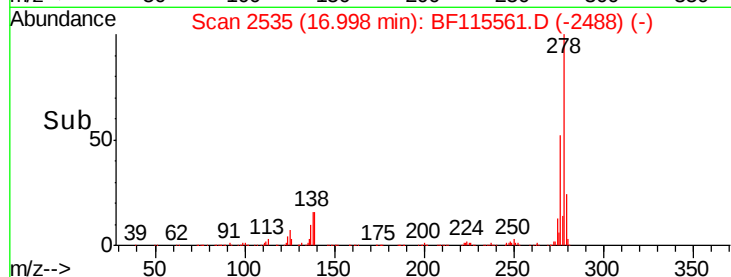
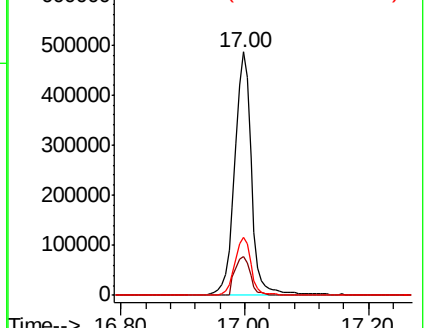
279 23.8 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.972 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BF115561.D

Acq: 15 Jul 2019 17:26

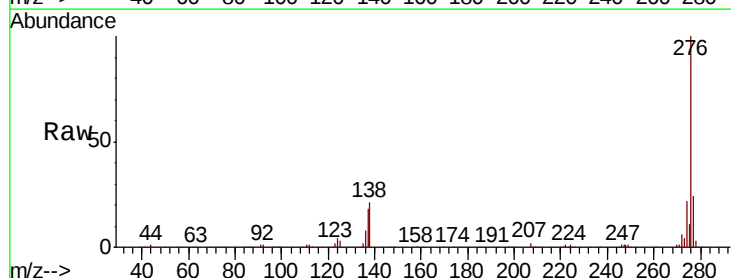
Tgt Ion:276 Resp: 872818

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 21.1 17.2 25.8



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

