

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\  
 Data File : BF115596.D  
 Acq On : 16 Jul 2019 14:42  
 Operator : HP/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 16 15:31:05 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 | 6.89  | 152  | 194550   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.17  | 136  | 702844   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.92  | 164  | 353816   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.40 | 188  | 683896   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.04 | 240  | 448628   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.51 | 264  | 410818   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.50  | 112  | 964472   | 81.09 | ng    | 0.00     |
| 7) Phenol-d6                | 6.52  | 99   | 1218511  | 80.74 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 1163570  | 96.26 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.71 | 330  | 348741   | 84.44 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.25  | 172  | 1765943  | 87.36 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.99 | 244  | 1929541  | 79.36 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.69 | 88   | 248046   | 41.809 | ng    | 99     |
| 3) Pyridine                    | 3.45 | 79   | 667342   | 41.459 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.40 | 42   | 248076   | 42.483 | ng    | 96     |
| 6) Aniline                     | 6.55 | 93   | 854676   | 40.694 | ng    | 100    |
| 8) 2-Chlorophenol              | 6.67 | 128  | 573294   | 41.924 | ng    | 99     |
| 9) Benzaldehyde                | 6.43 | 77   | 370201   | 39.253 | ng    | 98     |
| 10) Phenol                     | 6.53 | 94   | 719042   | 41.042 | ng    | 84     |
| 11) bis(2-Chloroethyl)ether    | 6.62 | 93   | 562584   | 42.177 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 6.83 | 146  | 642557   | 41.793 | ng    | 100    |
| 13) 1,4-Dichlorobenzene        | 6.90 | 146  | 639932   | 41.716 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 7.06 | 146  | 588155   | 41.942 | ng    | 97     |
| 15) Benzyl Alcohol             | 7.02 | 79   | 496549   | 41.475 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.16 | 45   | 768812   | 43.780 | ng    | 97     |
| 17) 2-Methylphenol             | 7.13 | 107  | 477056   | 40.481 | ng    | 99     |
| 18) Hexachloroethane           | 7.40 | 117  | 242405   | 42.574 | ng    | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70   | 410456   | 41.701 | ng    | 97     |
| 20) 3+4-Methylphenols          | 7.29 | 107  | 562927   | 40.215 | ng    | 95     |
| 22) Acetophenone               | 7.29 | 105  | 755324   | 47.570 | ng    | 95     |
| 24) Nitrobenzene               | 7.46 | 77   | 632553   | 48.519 | ng    | 95     |
| 25) Isophorone                 | 7.70 | 82   | 1014520  | 41.945 | ng    | 100    |
| 26) 2-Nitrophenol              | 7.78 | 139  | 285658   | 42.568 | ng    | 97     |
| 27) 2,4-Dimethylphenol         | 7.82 | 122  | 380428   | 37.889 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.91 | 93   | 619381   | 41.742 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 8.02 | 162  | 435821   | 41.737 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.11 | 180  | 488564   | 41.391 | ng    | 97     |
| 31) Naphthalene                | 8.19 | 128  | 1424404  | 41.846 | ng    | 97     |
| 32) Benzoic acid               | 7.95 | 122  | 259061   | 31.439 | ng    | 99     |
| 33) 4-Chloroaniline            | 8.23 | 127  | 628520   | 41.686 | ng    | 98     |
| 34) Hexachlorobutadiene        | 8.31 | 225  | 284542   | 42.037 | ng    | 99     |
| 35) Caprolactam                | 8.62 | 113  | 136957   | 42.444 | ng    | 94     |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107  | 456214   | 42.118 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 8.88 | 142  | 950602   | 42.130 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 8.98 | 142  | 902257   | 42.099 | ng    | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.05 | 216  | 443488   | 41.624 | ng    | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\  
 Data File : BF115596.D  
 Acq On : 16 Jul 2019 14:42  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

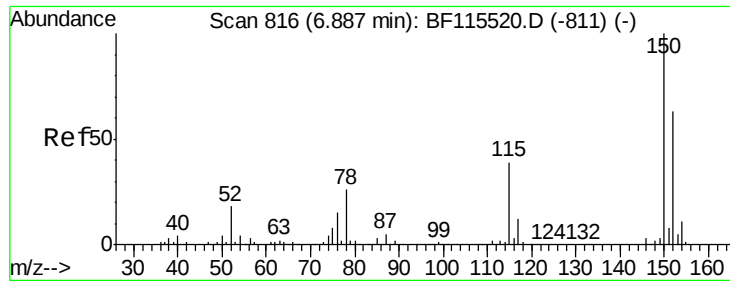
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 16 15:31:05 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  | 9.04  | 237  | 242353   | 39.875 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.16  | 196  | 314144   | 40.318 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.20  | 196  | 338027   | 42.362 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.35  | 154  | 1150486  | 41.592 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.37  | 162  | 952720   | 41.365 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.46  | 65   | 294405   | 41.298 | ng    | 99       |
| 49) Acenaphthylene             | 9.79  | 152  | 1423779  | 41.719 | ng    | 98       |
| 50) Dimethylphthalate          | 9.65  | 163  | 1097275  | 41.220 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.70  | 165  | 255267   | 42.196 | ng    | 90       |
| 52) Acenaphthene               | 9.96  | 154  | 925863   | 42.021 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.87  | 138  | 287209   | 41.545 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 9.97  | 184  | 136922   | 44.084 | ng    | 96       |
| 55) Dibenzofuran               | 10.13 | 168  | 1265920  | 40.457 | ng    | 99       |
| 56) 4-Nitrophenol              | 10.02 | 139  | 218012   | 41.355 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.10 | 165  | 337104   | 43.011 | ng    | 96       |
| 58) Fluorene                   | 10.47 | 166  | 928388   | 41.504 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.25 | 232  | 281407   | 42.187 | ng    | 99       |
| 60) Diethylphthalate           | 10.34 | 149  | 1060420  | 42.516 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.46 | 204  | 490756   | 39.562 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.49 | 138  | 280369   | 42.280 | ng    | 98       |
| 63) Azobenzene                 | 10.62 | 77   | 1021933  | 42.241 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.52 | 198  | 175613   | 42.029 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 10.58 | 169  | 869642   | 40.879 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.95 | 248  | 319666   | 40.903 | ng    | 99       |
| 68) Hexachlorobenzene          | 11.02 | 284  | 368492   | 41.287 | ng    | 94       |
| 69) Atrazine                   | 11.10 | 200  | 270497   | 38.759 | ng    | 99       |
| 70) Pentachlorophenol          | 11.21 | 266  | 229292   | 42.004 | ng    | 99       |
| 71) Phenanthrene               | 11.43 | 178  | 1441754  | 41.127 | ng    | 98       |
| 72) Anthracene                 | 11.49 | 178  | 1475569  | 40.729 | ng    | 99       |
| 73) Carbazole                  | 11.63 | 167  | 1321698  | 41.602 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.96 | 149  | 1594541  | 40.746 | ng    | 99       |
| 75) Fluoranthene               | 12.62 | 202  | 1512166  | 40.820 | ng    | 100      |
| 77) Benzidine                  | 12.73 | 184  | 656616   | 41.315 | ng    | 99       |
| 78) Pyrene                     | 12.85 | 202  | 1534353  | 40.368 | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.46 | 149  | 668181   | 41.237 | ng    | 98       |
| 81) Benzo(a)anthracene         | 14.03 | 228  | 1234330  | 41.763 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.99 | 252  | 463997   | 44.161 | ng    | 98       |
| 83) Chrysene                   | 14.07 | 228  | 1237651  | 41.714 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 859532   | 42.825 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.63 | 149  | 1387429  | 43.446 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.99 | 276  | 965321   | 38.296 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.08 | 252  | 1107534  | 41.867 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.12 | 252  | 998927   | 42.355 | ng    | 96       |
| 90) Benzo(a)pyrene             | 15.45 | 252  | 944955   | 41.561 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.00 | 278  | 791842   | 39.671 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.43 | 276  | 723352   | 36.337 | ng    | 98       |

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



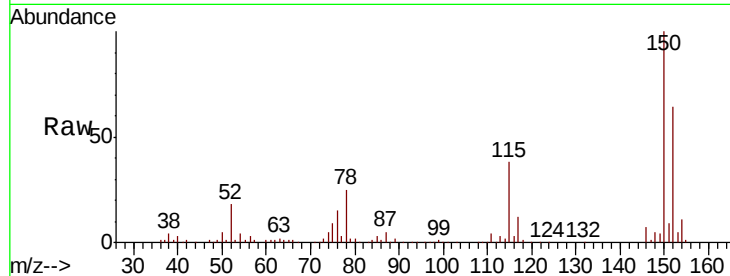


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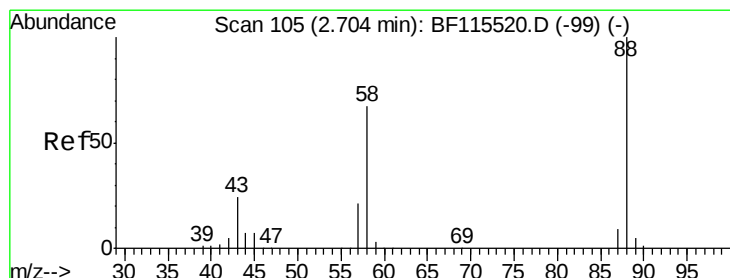
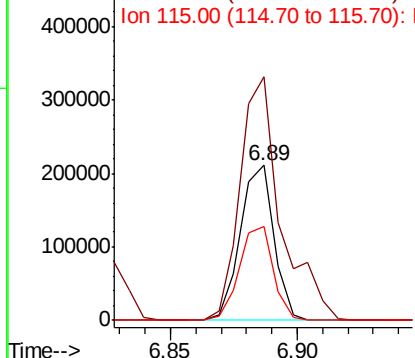
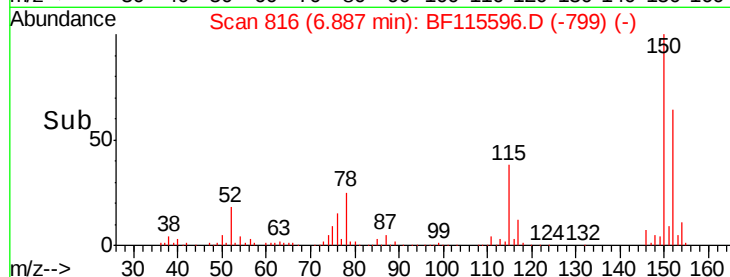
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 816  
Delta R.T. 0.00 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 194550  
Ion Ratio Lower Upper  
152 100  
150 157.0 129.7 194.5  
115 60.1 48.2 72.4



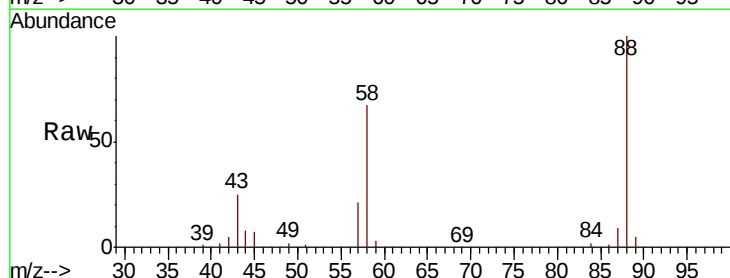
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



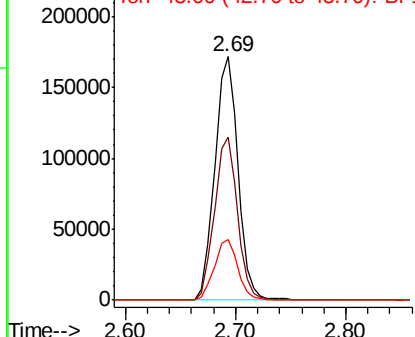
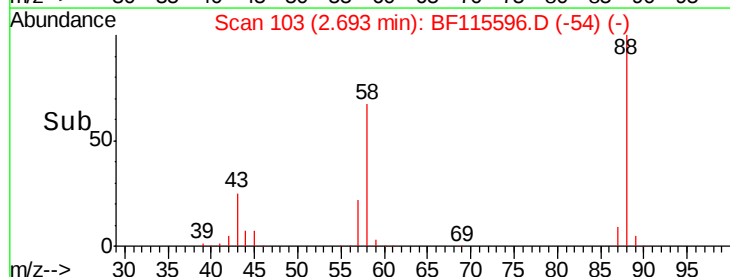
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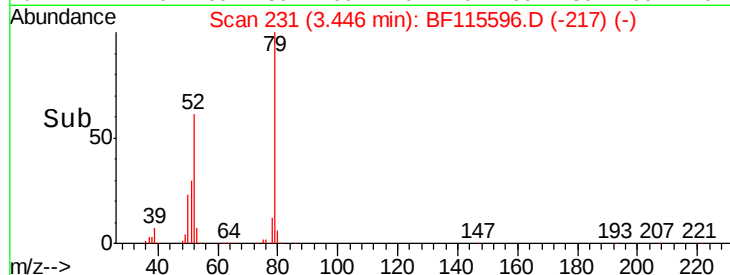
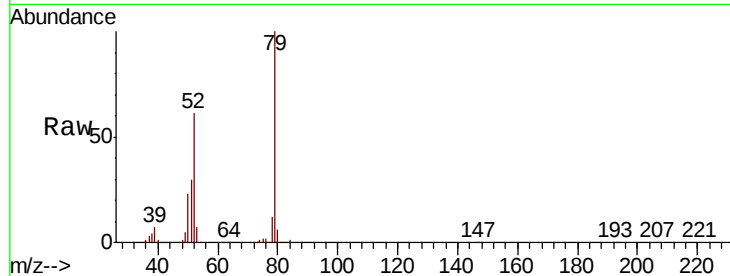
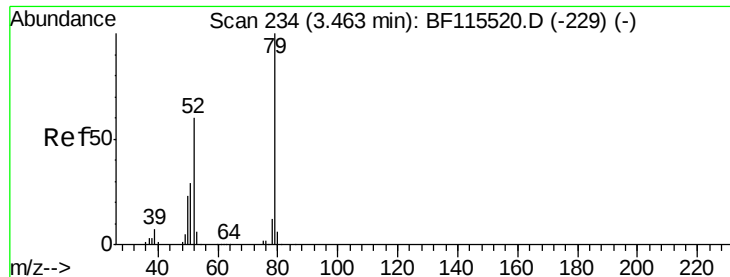
1,4-Dioxane  
Concen: 41.809 ng  
RT: 2.69 min Scan# 103  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Tgt Ion: 88 Resp: 248046  
Ion Ratio Lower Upper  
88 100  
58 66.5 52.6 79.0  
43 25.1 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

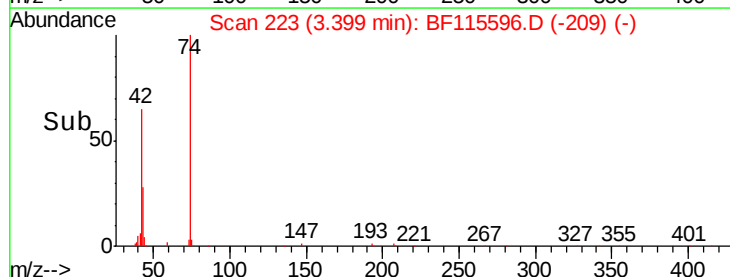
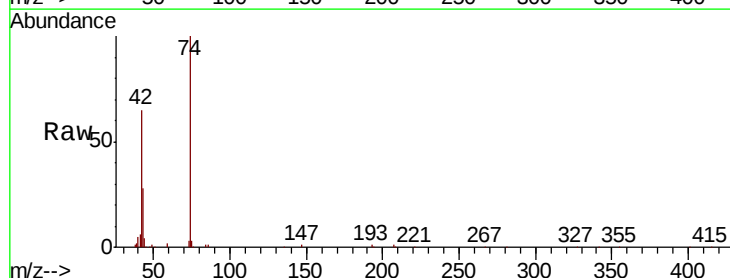
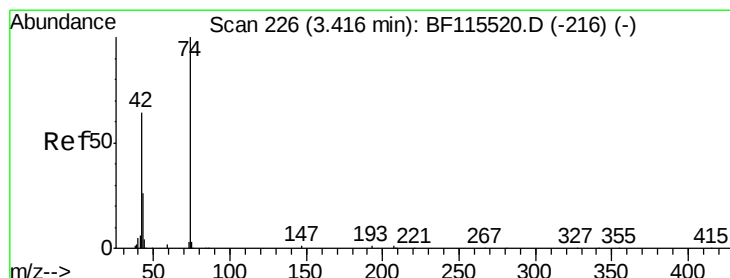
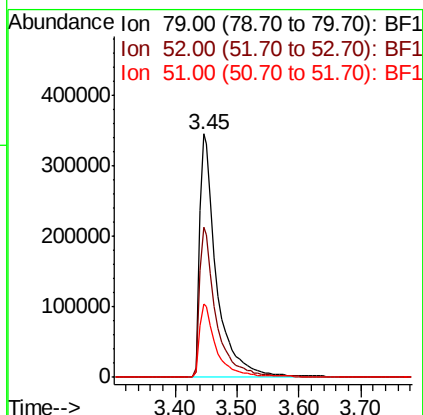




#3  
 Pvrindine  
 Concen: 41.459 ng  
 RT: 3.45 min Scan# 231  
 Delta R.T. -0.02 min  
 Lab File: BF115596.D  
 Acq: 16 Jul 2019 14:42

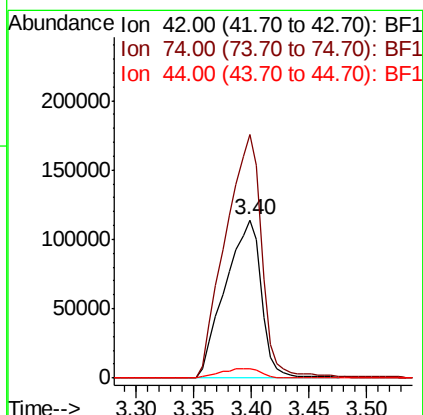
Instrument :  
 BNA\_F  
 ClientSampleId :

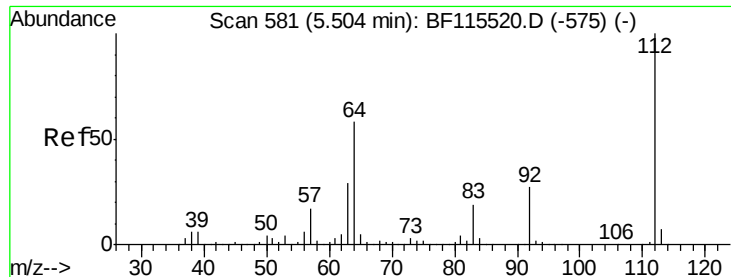
Tot Ion: 79 Resp: 667342  
 Ion Ratio Lower Upper  
 79 100  
 52 61.4 47.8 71.6  
 51 30.0 23.8 35.8



#4  
 n-Nitrosodimethylamine  
 Concen: 42.483 ng  
 RT: 3.40 min Scan# 223  
 Delta R.T. -0.02 min  
 Lab File: BF115596.D  
 Acq: 16 Jul 2019 14:42

Tgt Ion: 42 Resp: 248076  
 Ion Ratio Lower Upper  
 42 100  
 74 153.7 127.5 191.3  
 44 6.0 5.0 7.6





#5

2-Fluorophenol

Concen: 81.090 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Instrument :

BNA\_F

ClientSampleId :

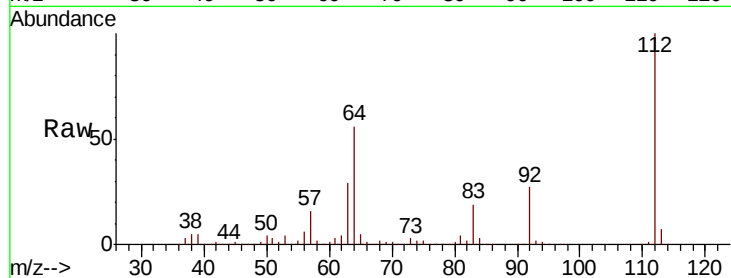
Tot Ion: 112 Resp: 964472

Ion Ratio Lower Upper

112 100

64 56.1 46.8 70.2

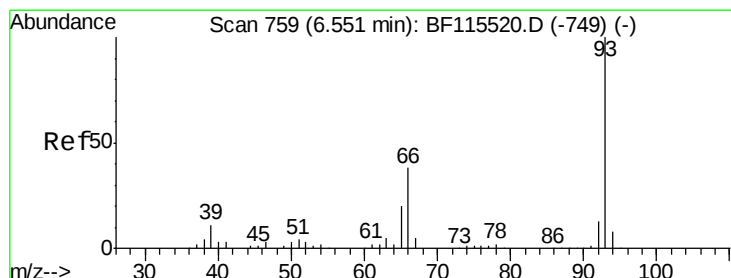
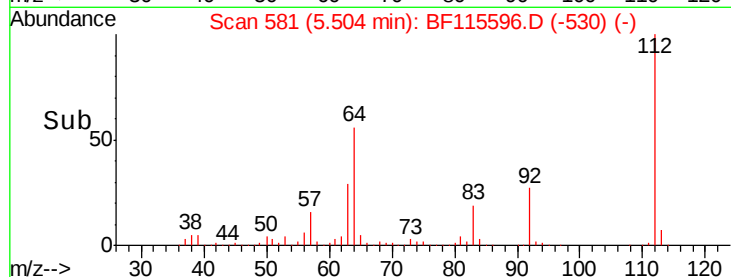
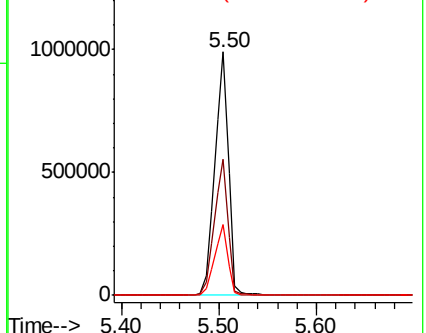
63 29.3 24.1 36.1



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: 40.694 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

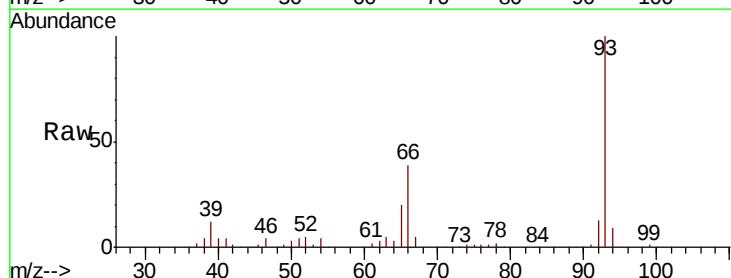
Tgt Ion: 93 Resp: 854676

Ion Ratio Lower Upper

93 100

66 39.5 31.7 47.5

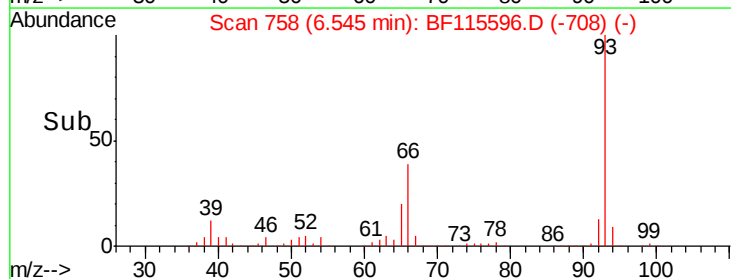
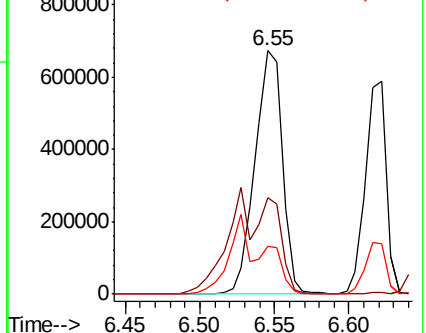
65 19.7 16.2 24.2

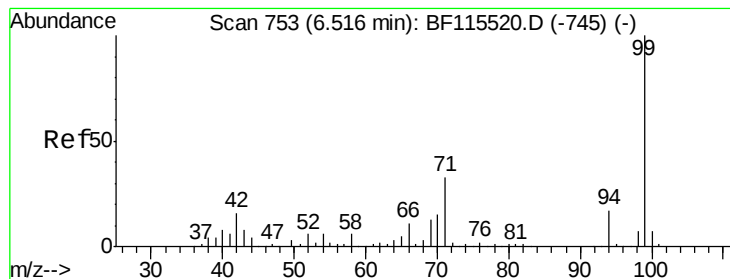


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.739 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

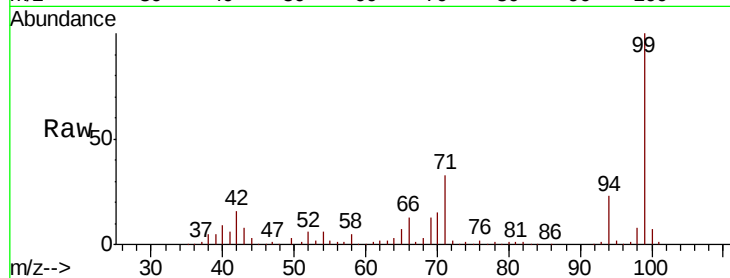
Instrument :

BNA\_F

ClientSampled :

Tot Ion: 99 Resp: 1218511

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.6  | 13.6  | 20.4  |
| 71  | 32.7  | 28.5  | 42.7  |

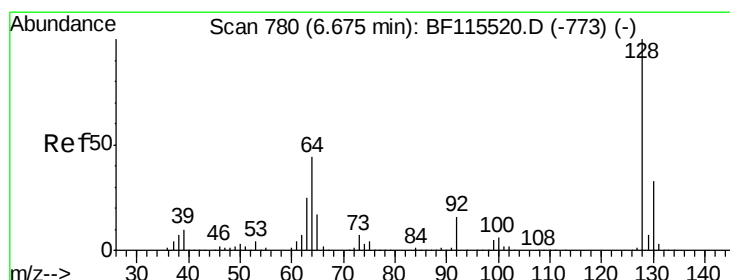
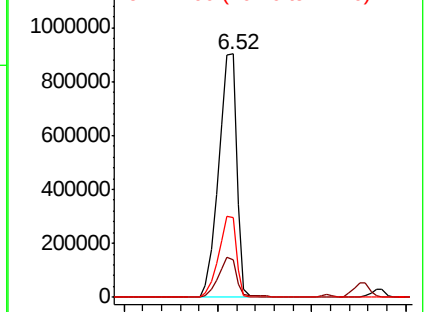
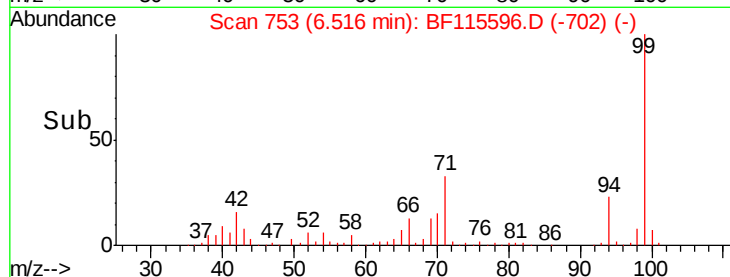


Abundance

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: 41.924 ng

RT: 6.67 min Scan# 779

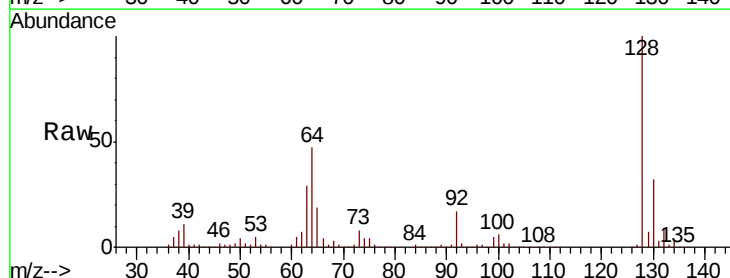
Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Tgt Ion: 128 Resp: 573294

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.1  | 12.8  | 52.8  |
| 64  | 47.2  | 26.8  | 66.8  |

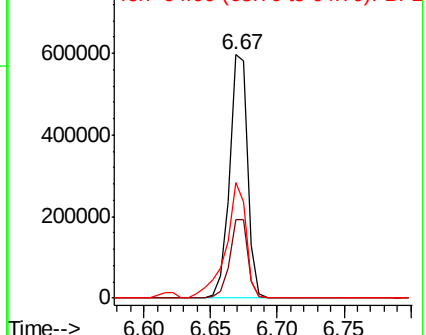
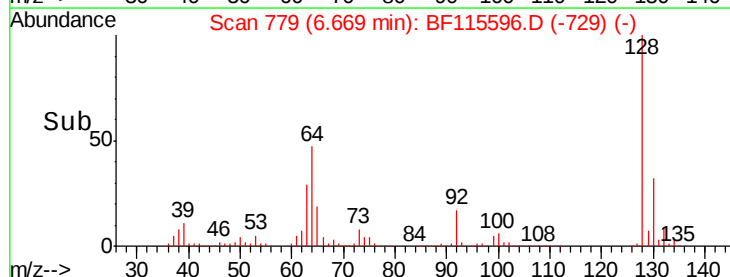


Abundance

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: 39.253 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Instrument :

BNA\_F

ClientSampleId :

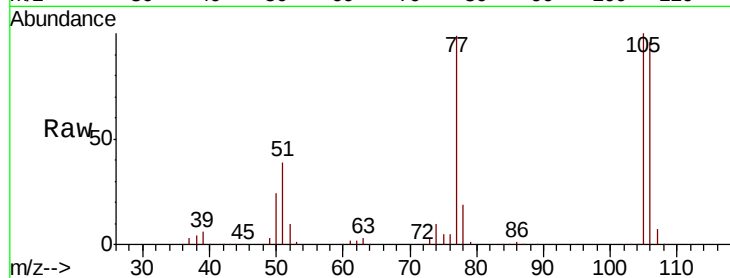
Tot Ion: 77 Resp: 370201

Ion Ratio Lower Upper

77 100

105 100.7 78.8 118.8

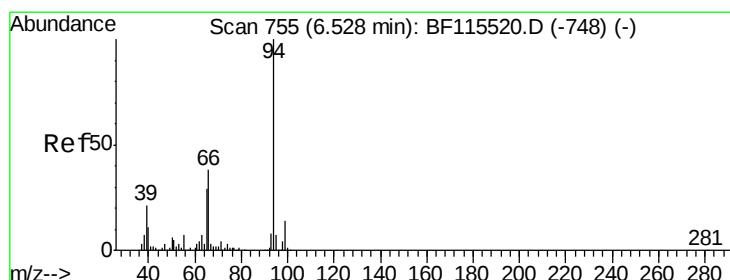
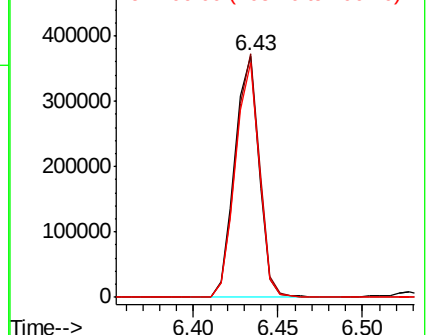
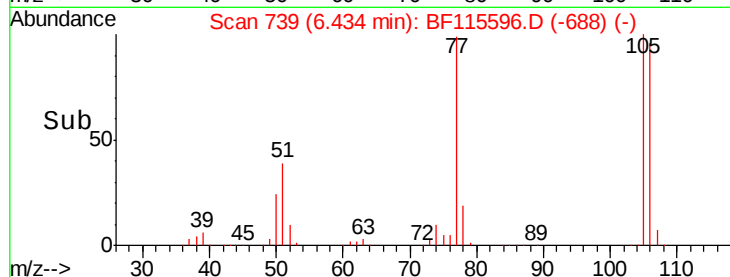
106 97.1 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.042 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

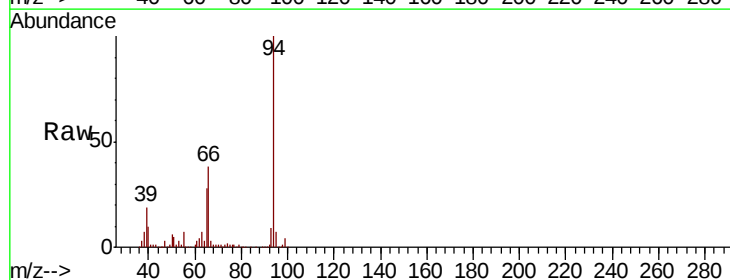
Tgt Ion: 94 Resp: 719042

Ion Ratio Lower Upper

94 100

65 28.2 14.5 54.5

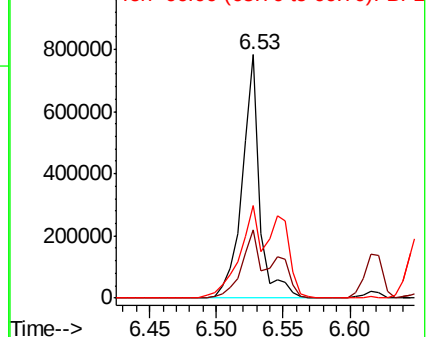
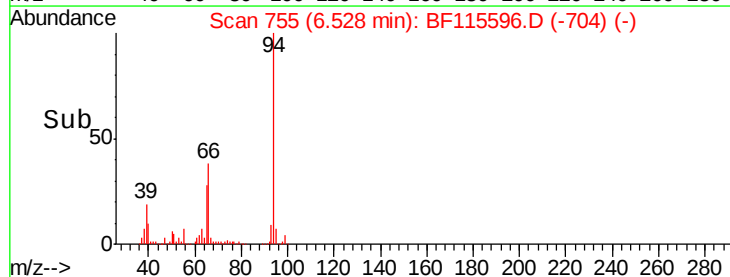
66 37.8 31.3 71.3

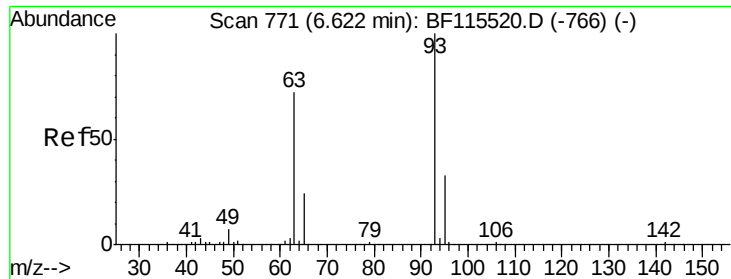


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

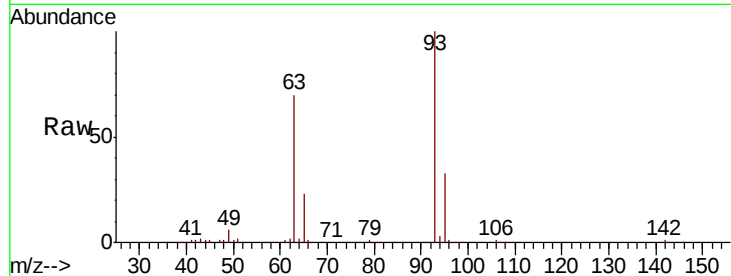




#11  
bis(2-Chloroethyl)ether  
Concen: 42.177 ng  
RT: 6.62 min Scan# 771  
Delta R.T. 0.00 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 69.8  | 52.2  | 92.2  |
| 95      | 33.1  | 12.9  | 52.9  |

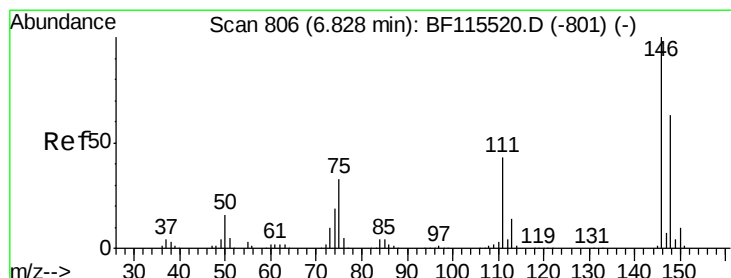
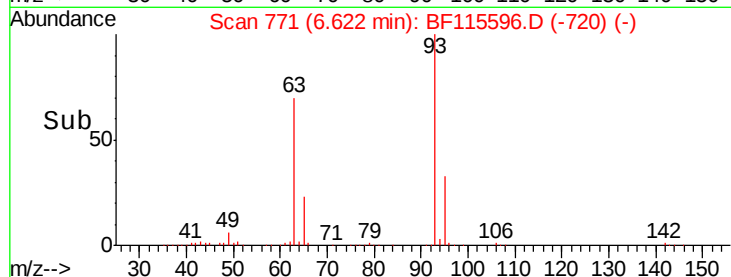
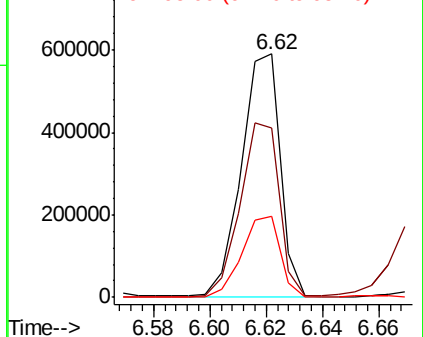


Abundance

Ion 93.00 (92.70 to 93.70): BF1

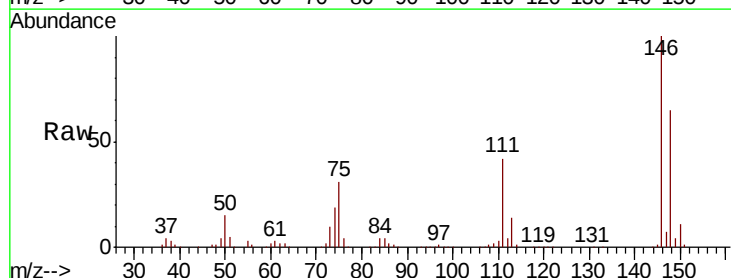
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12  
1,3-Dichlorobenzene  
Concen: 41.793 ng  
RT: 6.83 min Scan# 806  
Delta R.T. 0.00 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.1  | 52.1  | 78.1  |
| 75      | 31.4  | 24.9  | 37.3  |

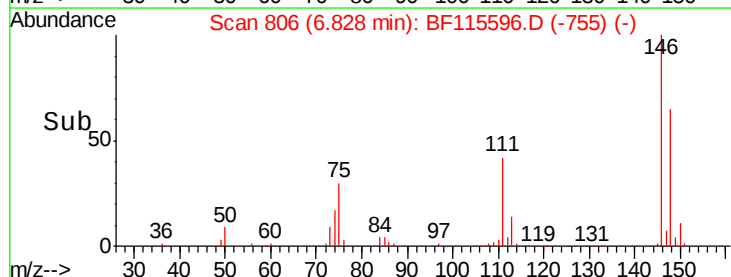
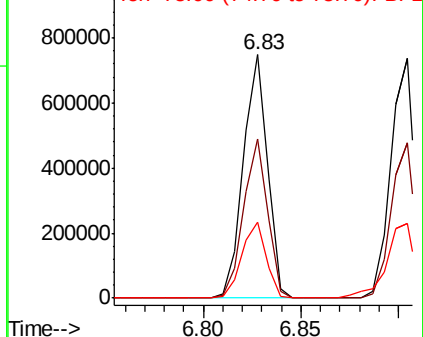


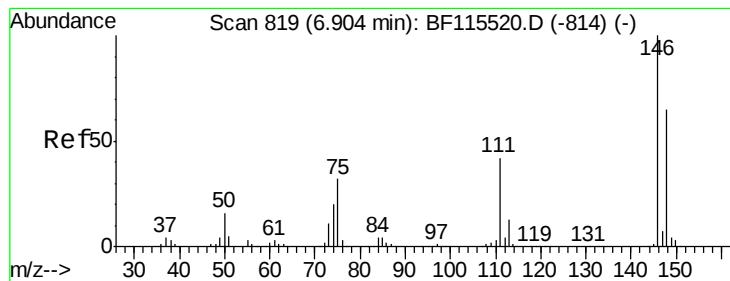
Abundance

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

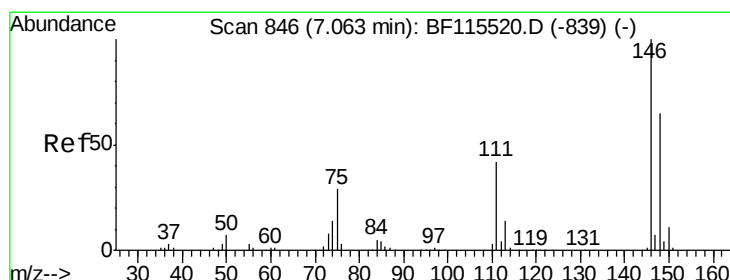
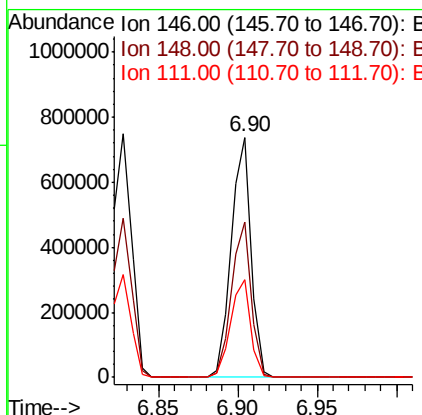
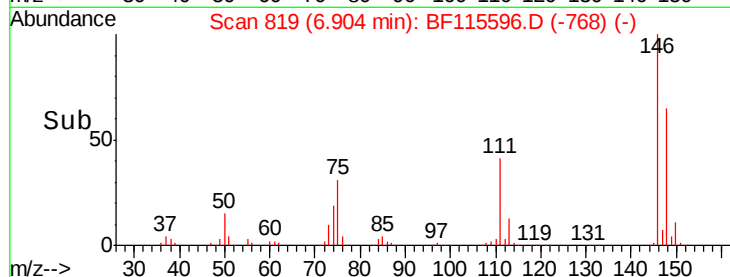
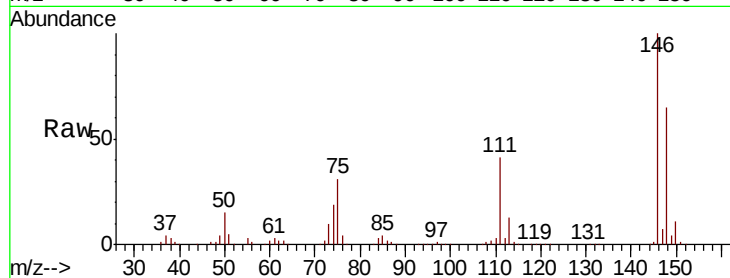




#13  
 1,4-Dichlorobenzene  
 Concen: 41.716 ng  
 RT: 6.90 min Scan# 819  
 Delta R.T. 0.00 min  
 Lab File: BF115596.D  
 Acq: 16 Jul 2019 14:42

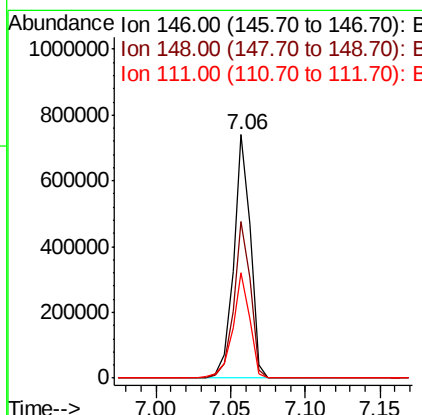
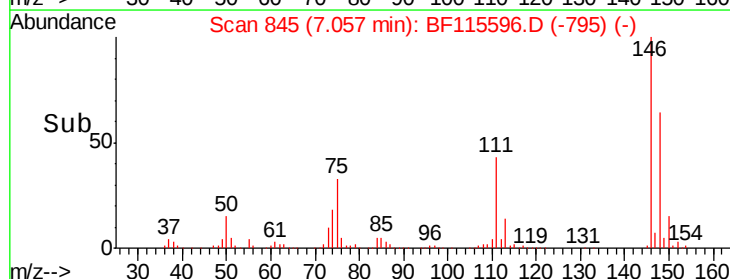
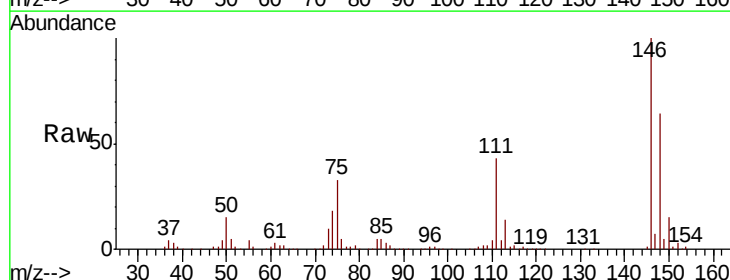
Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:146 Resp: 639932  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 51.8 77.6  
 111 40.6 35.5 53.3



#14  
 1,2-Dichlorobenzene  
 Concen: 41.942 ng  
 RT: 7.06 min Scan# 845  
 Delta R.T. -0.01 min  
 Lab File: BF115596.D  
 Acq: 16 Jul 2019 14:42

Tgt Ion:146 Resp: 588155  
 Ion Ratio Lower Upper  
 146 100  
 148 64.5 51.1 76.7  
 111 43.1 37.6 56.4





#15

Benzyl Alcohol

Concen: 41.475 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Instrument :

BNA\_F

ClientSampleId :

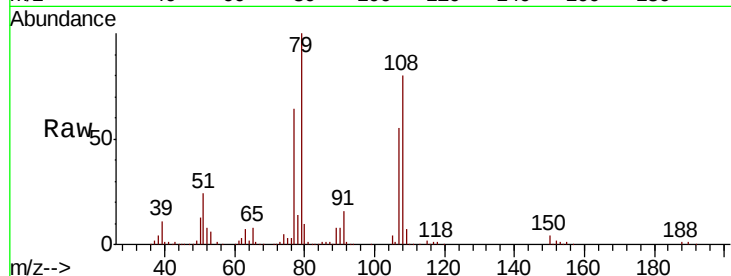
Tot Ion: 79 Resp: 496549

Ion Ratio Lower Upper

79 100

108 79.5 64.2 96.4

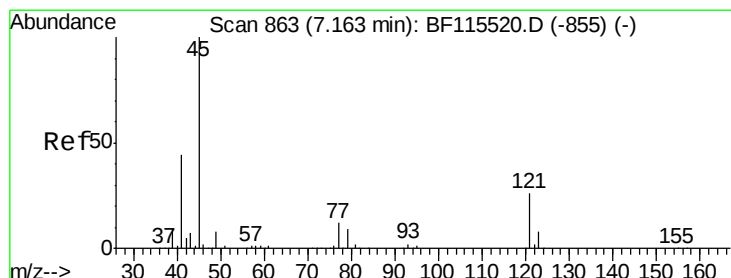
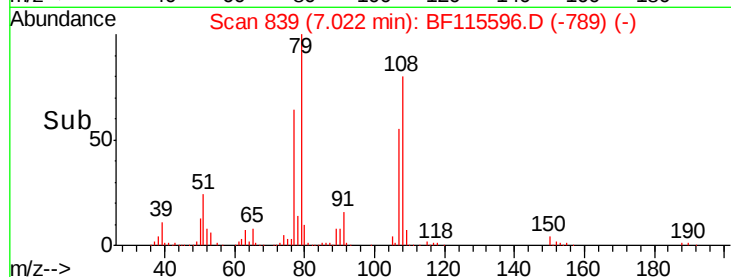
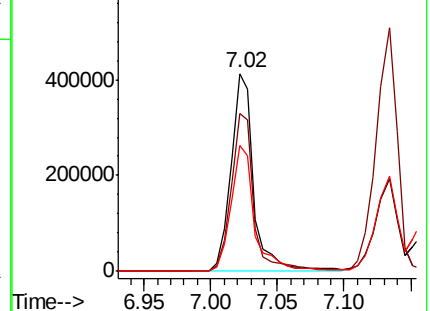
77 63.9 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.780 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

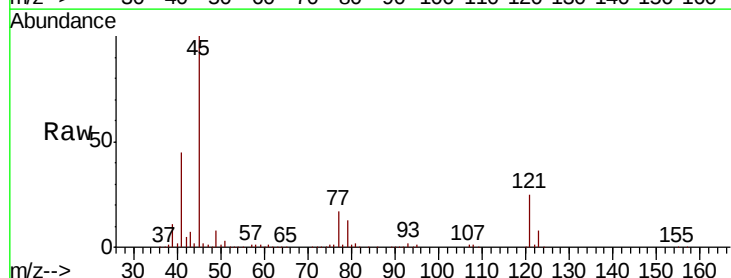
Tgt Ion: 45 Resp: 768812

Ion Ratio Lower Upper

45 100

77 16.8 0.0 38.1

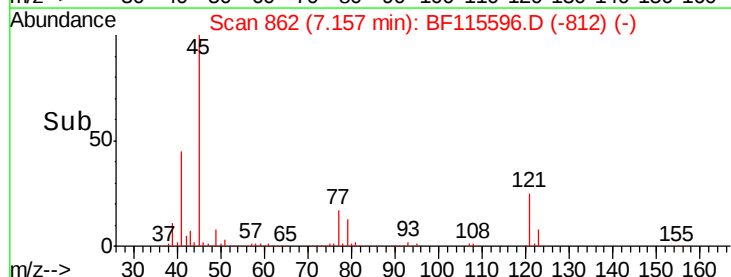
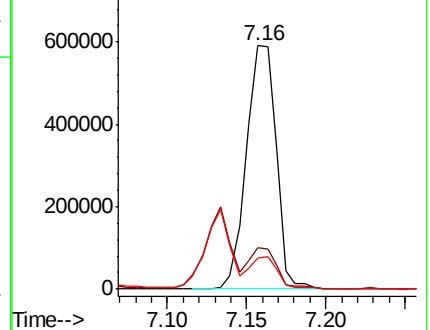
79 12.8 0.0 34.1



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

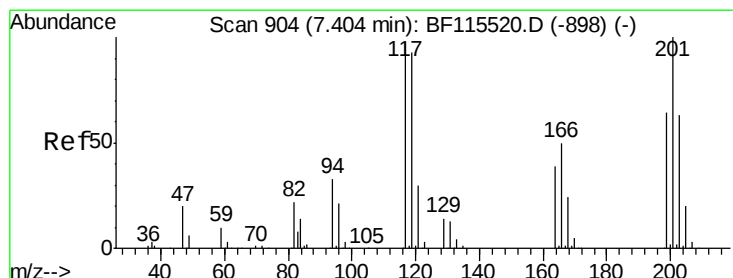
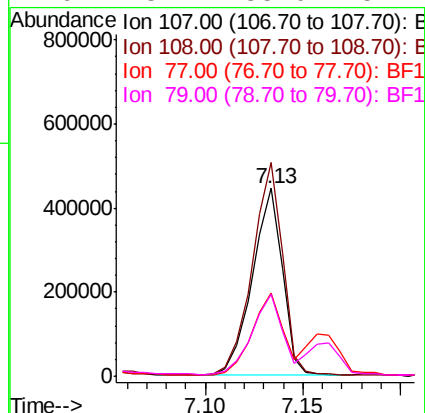
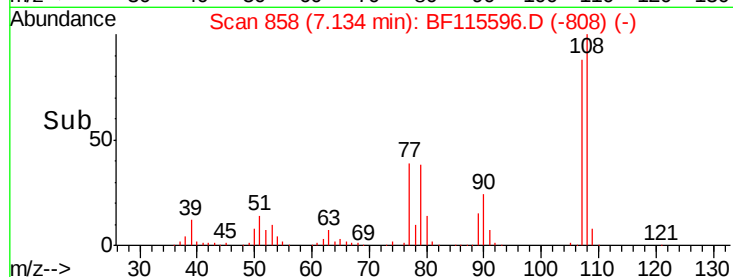
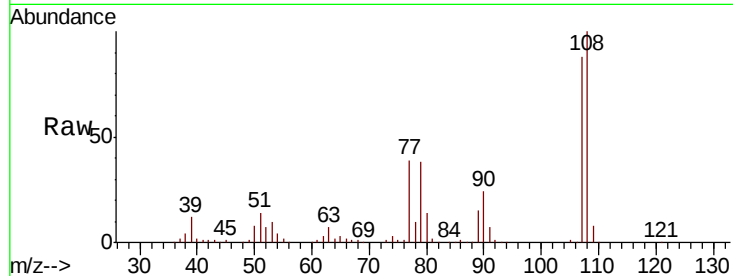




#17  
2-Methylphenol  
Concen: 40.481 ng  
RT: 7.13 min Scan# 858  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

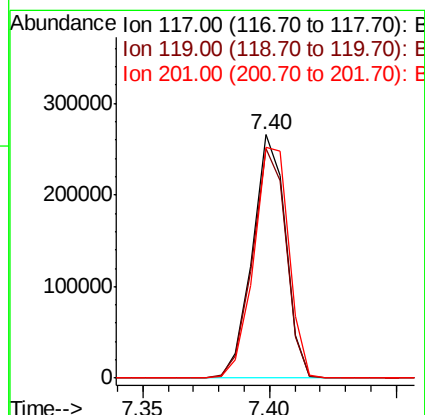
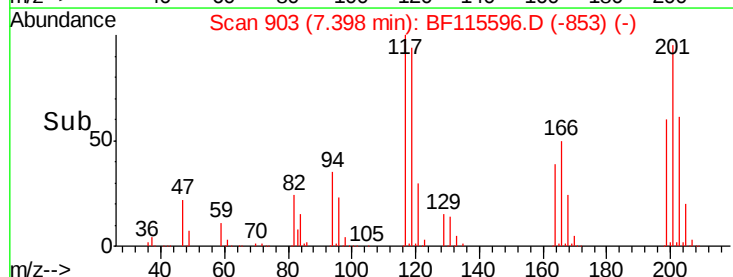
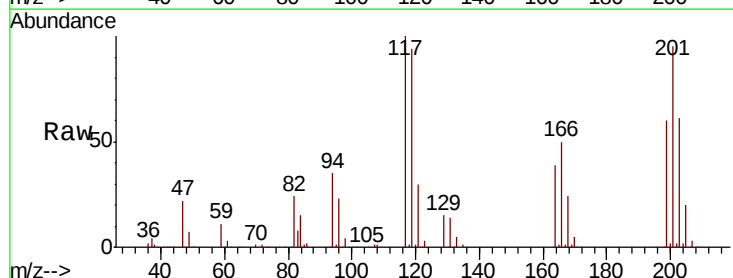
Instrument :  
BNA\_F  
ClientSampleId :

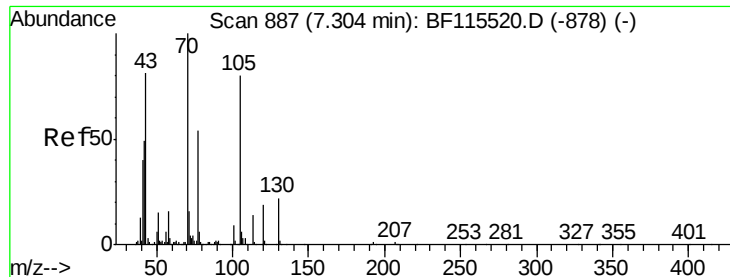
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.6 | 89.4  | 134.2 |
| 77      | 44.5  | 35.7  | 53.5  |
| 79      | 43.4  | 35.0  | 52.4  |



#18  
Hexachloroethane  
Concen: 42.574 ng  
RT: 7.40 min Scan# 903  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.4  | 77.7  | 116.5 |
| 201     | 94.8  | 86.0  | 129.0 |

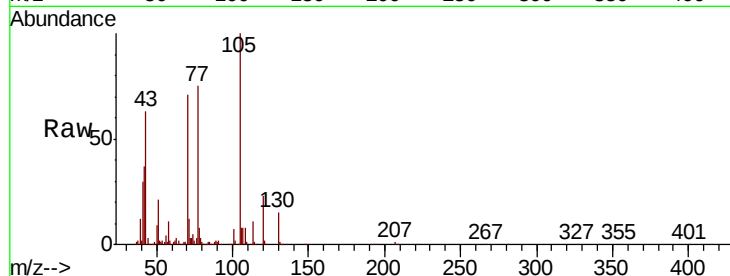




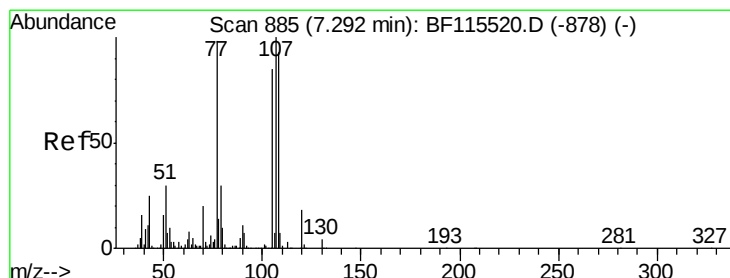
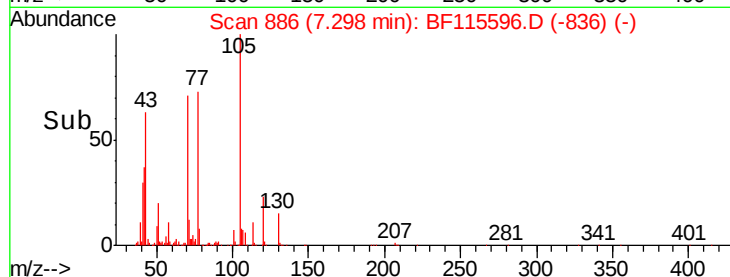
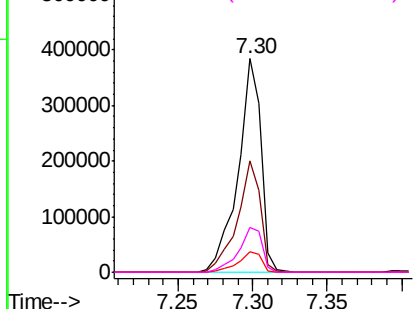
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.701 ng  
RT: 7.30 min Scan# 886  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion: 70 Resp: 410456  
Ion Ratio Lower Upper  
70 100  
42 52.1 39.6 59.4  
101 9.6 8.1 12.1  
130 21.2 18.2 27.2



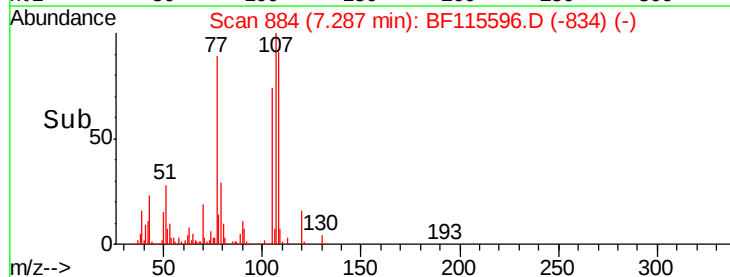
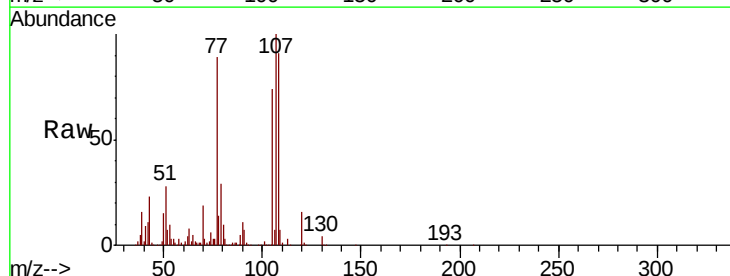
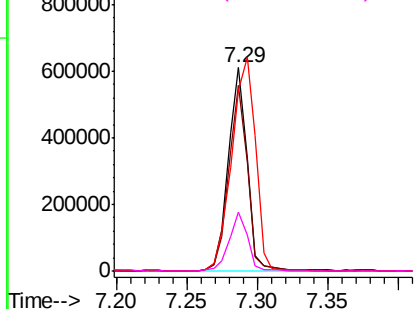
Abundance Ion 70.00 (69.70 to 70.70): BF1  
600000 Ion 42.00 (41.70 to 42.70): BF1  
500000 Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

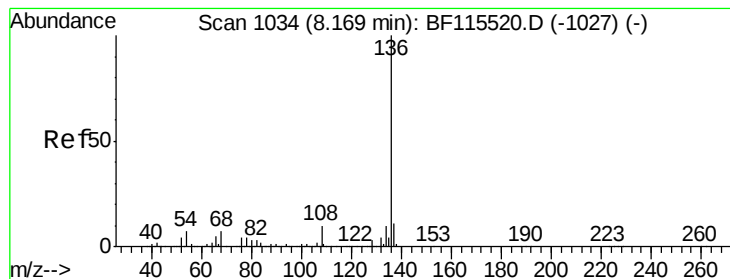


#20  
3+4-Methylphenols  
Concen: 40.215 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Tgt Ion:107 Resp: 562927  
Ion Ratio Lower Upper  
107 100  
108 91.0 72.9 112.9  
77 88.7 77.6 117.6  
79 29.1 10.5 50.5

Abundance Ion 107.00 (106.70 to 107.70): E  
1000000 Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 702844

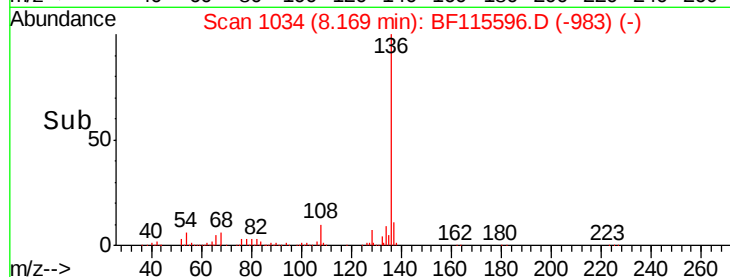
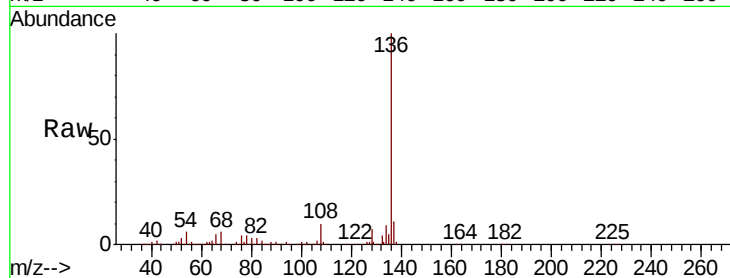
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.2 5.6 8.4

68 5.6 5.0 7.6

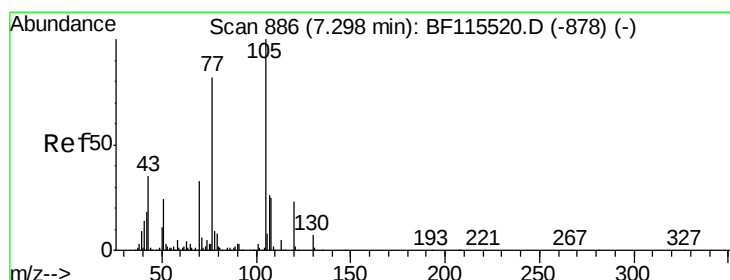
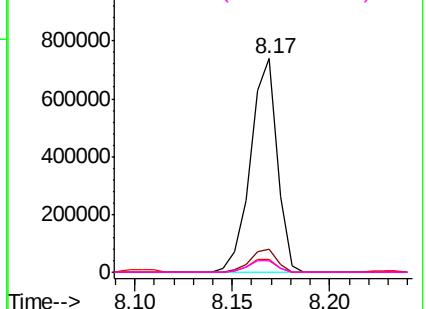


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.570 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Tgt Ion:105 Resp: 755324

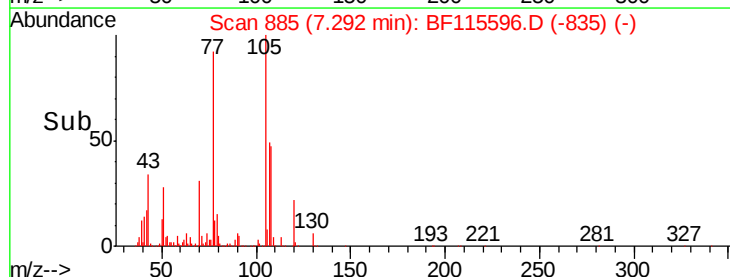
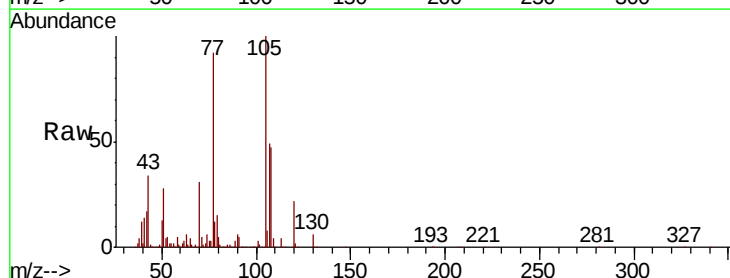
Ion Ratio Lower Upper

105 100

71 5.2 3.5 5.3

51 27.7 25.6 38.4

120 22.2 17.9 26.9

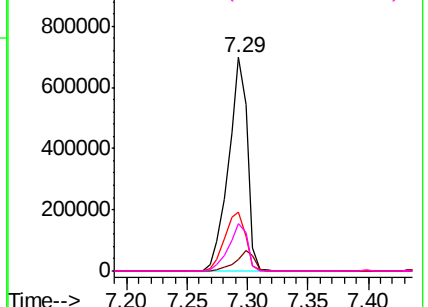


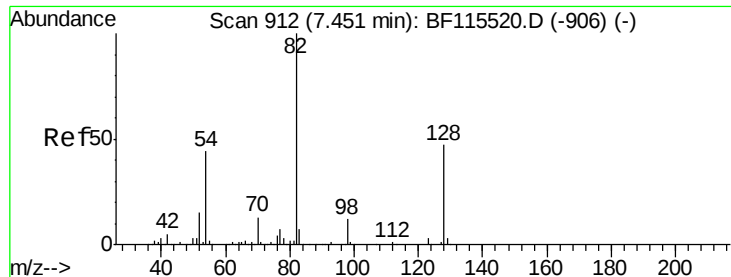
Abundance Ion 105.00 (104.70 to 105.70): E

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: 96.263 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Instrument :

BNA\_F

ClientSampleId :

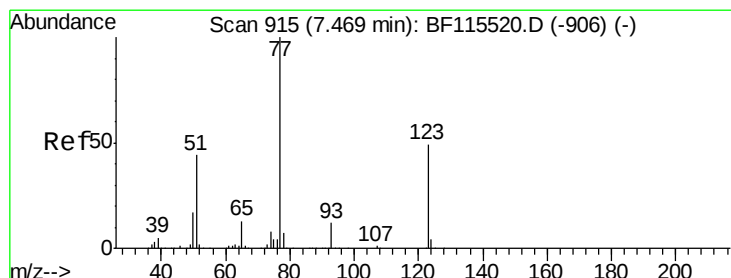
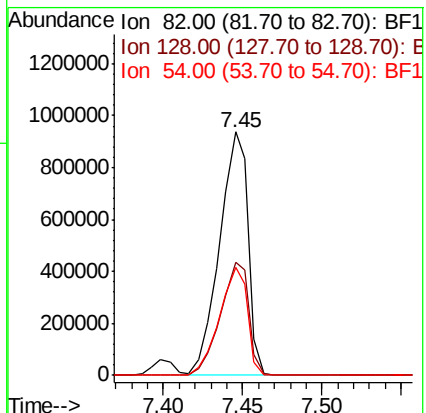
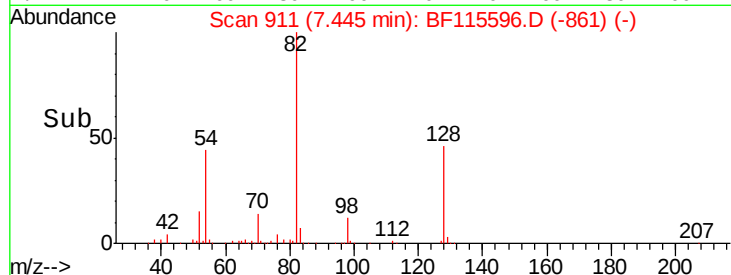
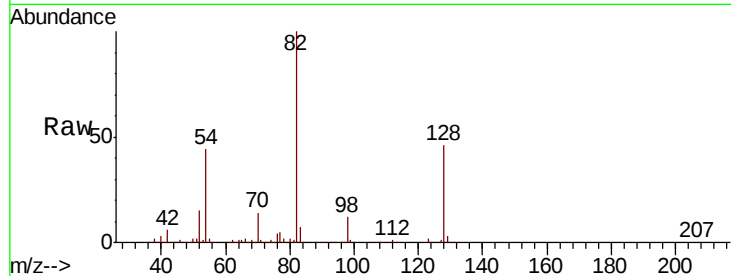
Tot Ion: 82 Resp: 1163570

Ion Ratio Lower Upper

82 100

128 46.2 38.6 57.8

54 44.4 35.6 53.4



#24

Nitrobenzene

Concen: 48.519 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

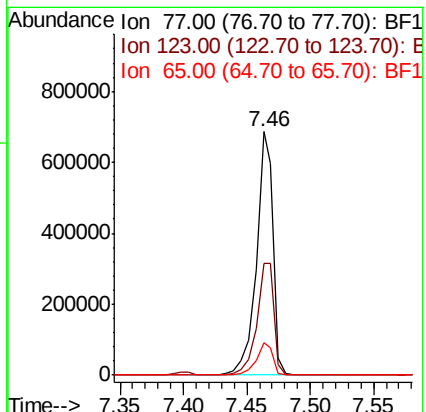
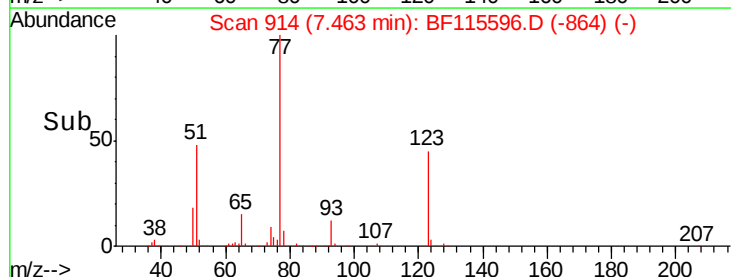
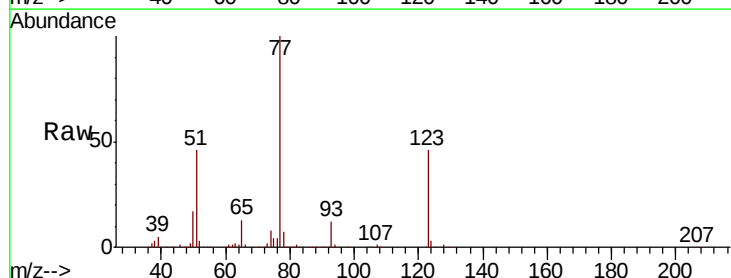
Tgt Ion: 77 Resp: 632553

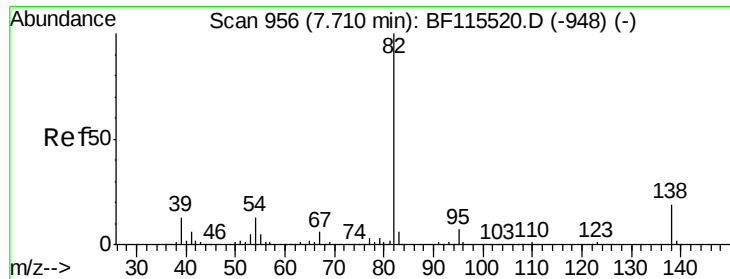
Ion Ratio Lower Upper

77 100

123 45.9 40.0 60.0

65 13.5 11.0 16.4

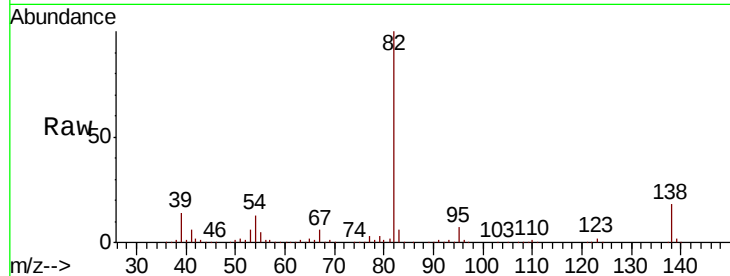




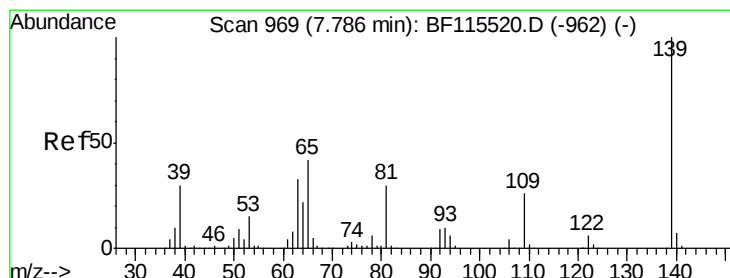
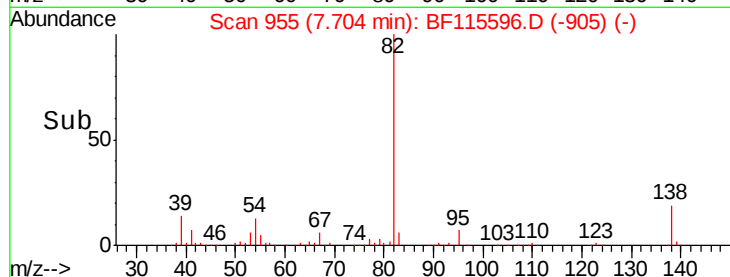
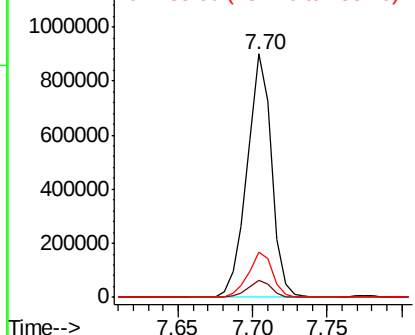
#25  
Isophorone  
Concen: 41.945 ng  
RT: 7.70 min Scan# 955  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 82 Resp: 1014520  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.5 8.3  
138 18.4 14.9 22.3

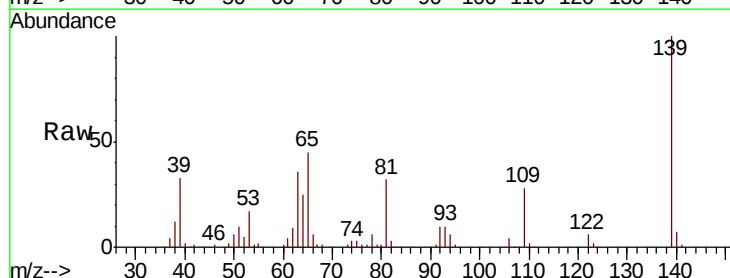


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1

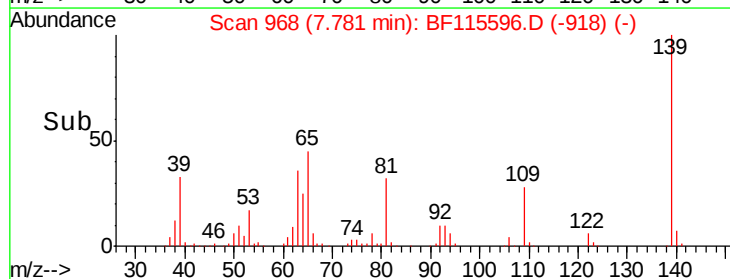
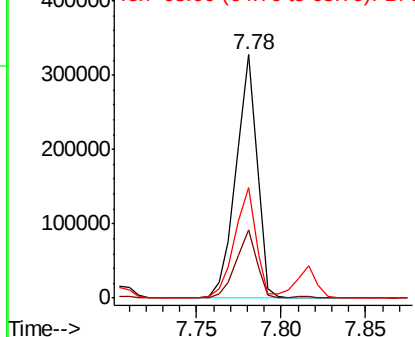


#26  
2-Nitrophenol  
Concen: 42.568 ng  
RT: 7.78 min Scan# 968  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Tgt Ion: 139 Resp: 285658  
Ion Ratio Lower Upper  
139 100  
109 27.8 23.3 34.9  
65 45.3 37.9 56.9



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





#27

2,4-Dimethylphenol

Concen: 37.889 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Instrument :

BNA\_F

ClientSampleId :

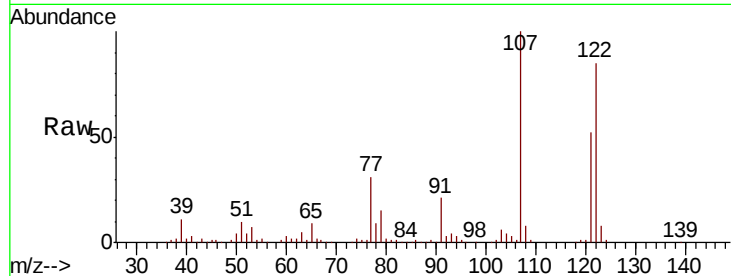
Tot Ion:122 Resp: 380428

Ion Ratio Lower Upper

122 100

107 117.7 92.9 139.3

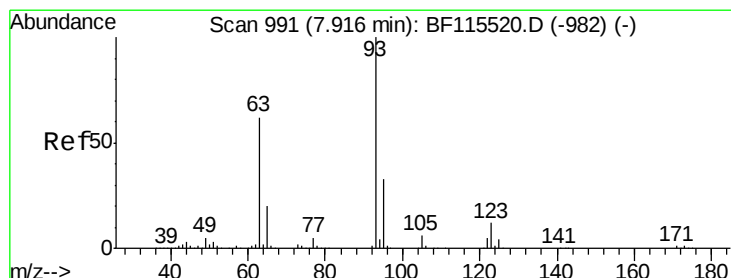
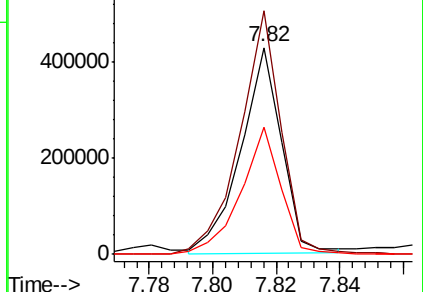
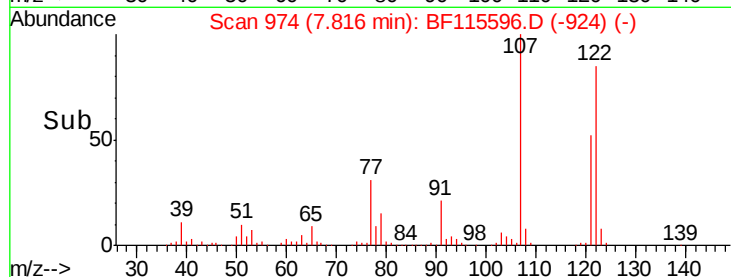
121 61.4 46.9 70.3



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: 41.742 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

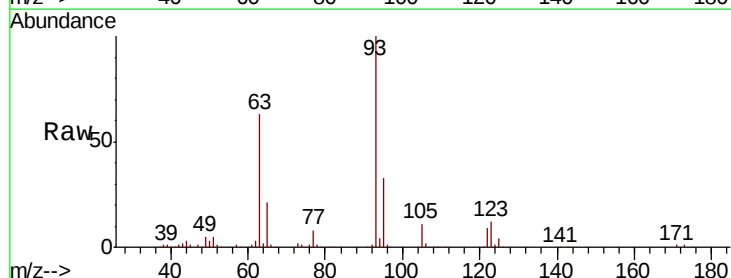
Tgt Ion: 93 Resp: 619381

Ion Ratio Lower Upper

93 100

95 32.9 27.0 40.4

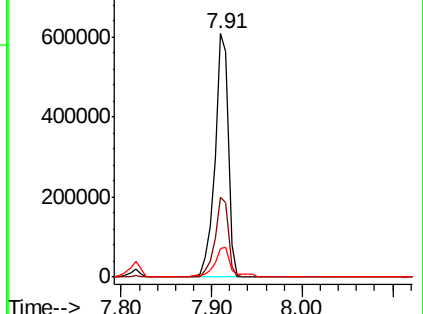
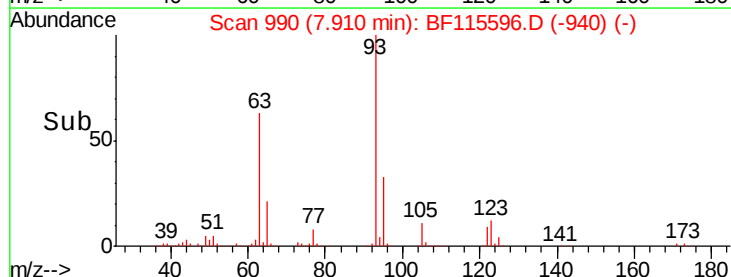
123 11.9 9.9 14.9

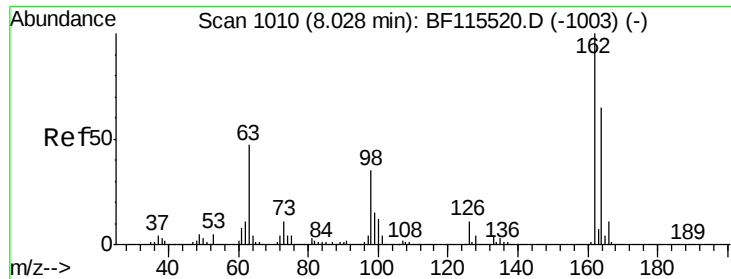


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

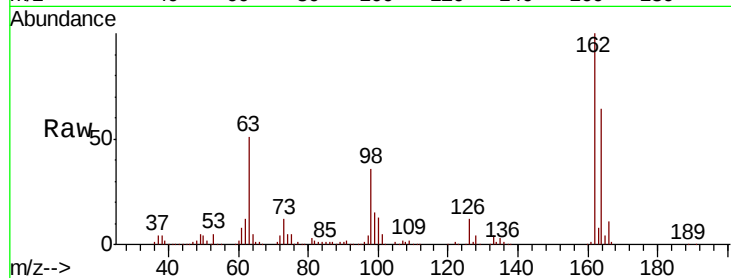




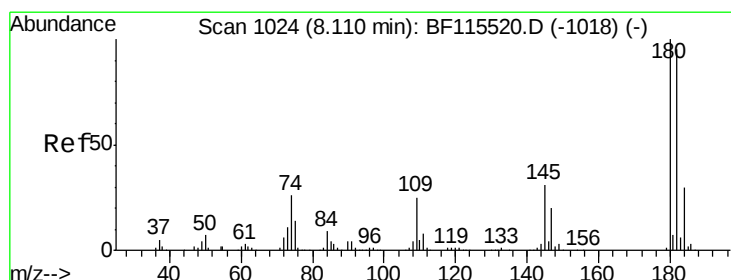
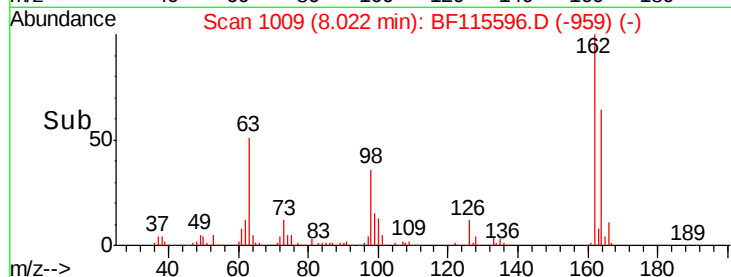
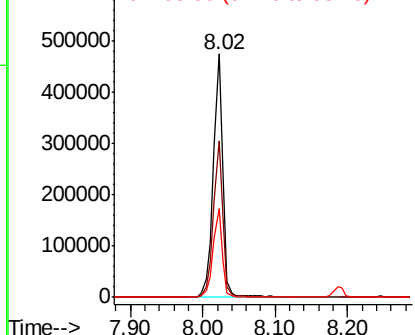
#29  
2,4-Dichlorophenol  
Concen: 41.737 ng  
RT: 8.02 min Scan# 1009  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:162 Resp: 435821  
Ion Ratio Lower Upper  
162 100  
164 64.3 44.9 84.9  
98 36.4 17.7 57.7

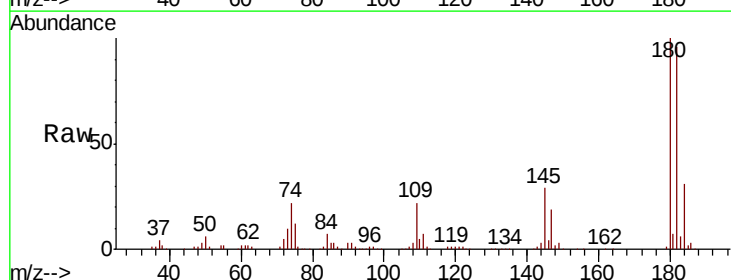


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

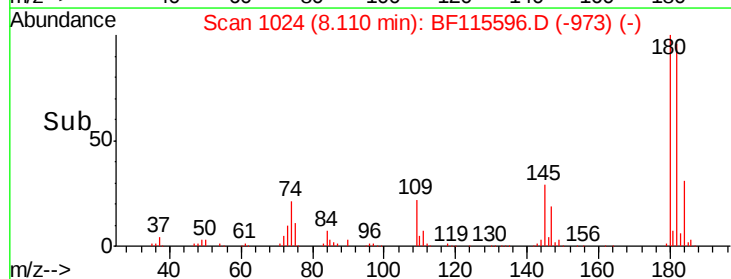
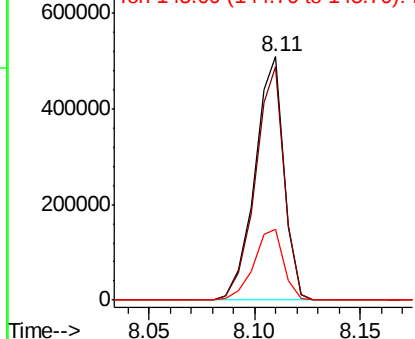


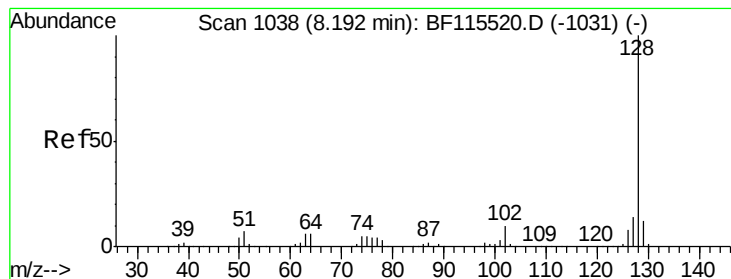
#30  
1,2,4-Trichlorobenzene  
Concen: 41.391 ng  
RT: 8.11 min Scan# 1024  
Delta R.T. 0.00 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Tgt Ion:180 Resp: 488564  
Ion Ratio Lower Upper  
180 100  
182 95.9 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: 41.846 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Instrument :

BNA\_F

ClientSampleId :

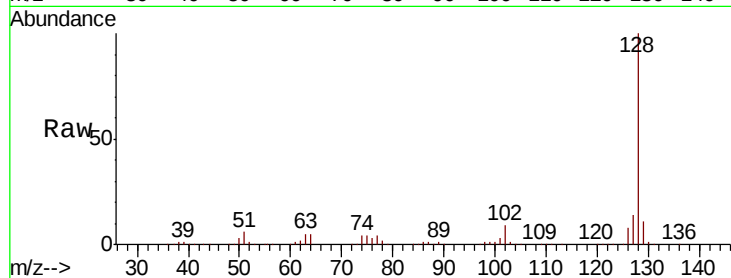
Tot Ion:128 Resp: 1424404

Ion Ratio Lower Upper

128 100

129 11.4 9.9 14.9

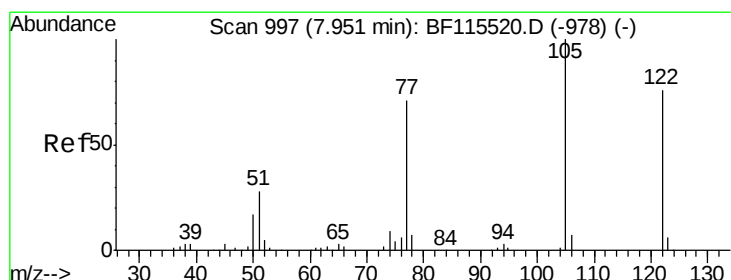
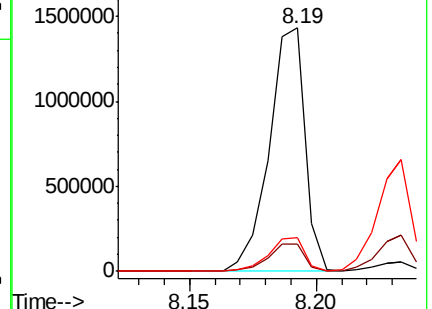
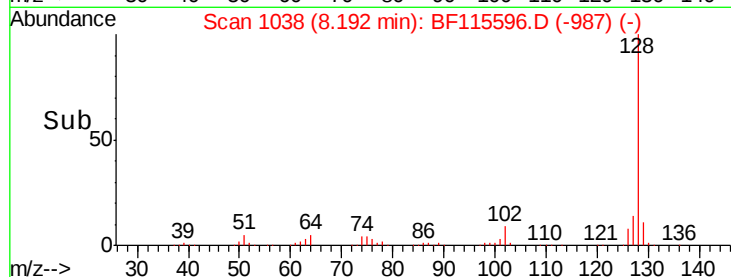
127 13.9 12.1 18.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.439 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

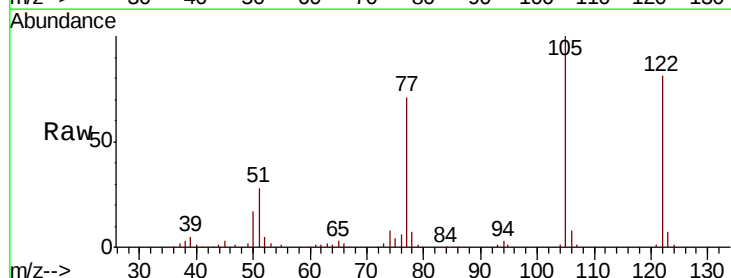
Tgt Ion:122 Resp: 259061

Ion Ratio Lower Upper

122 100

105 123.3 102.5 142.5

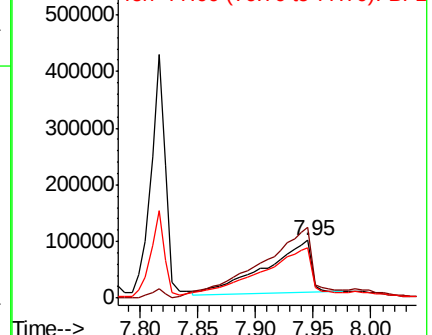
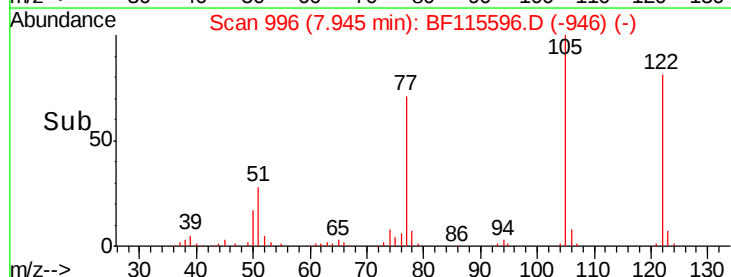
77 87.8 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

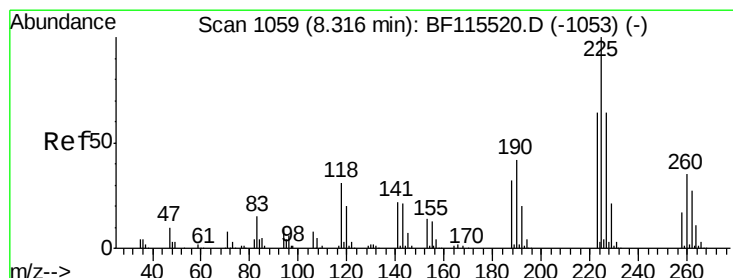
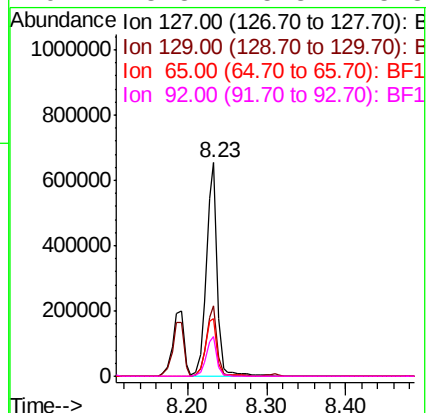
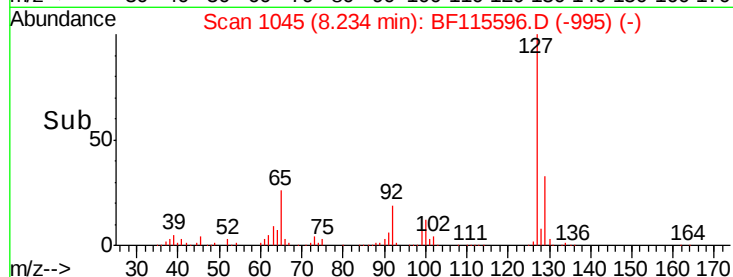
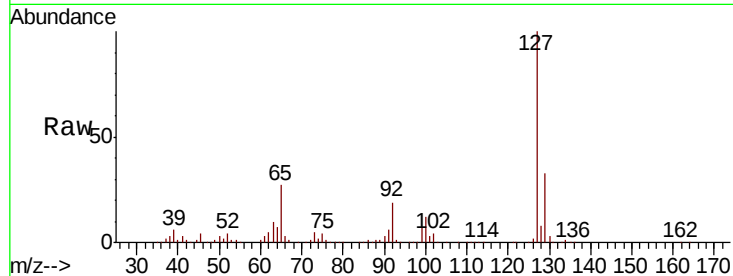




#33  
4-Chloroaniline  
Concen: 41.686 ng  
RT: 8.23 min Scan# 1045  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

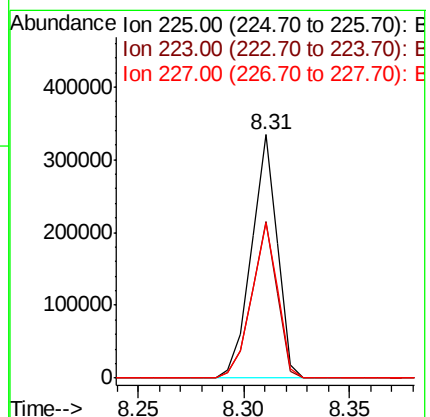
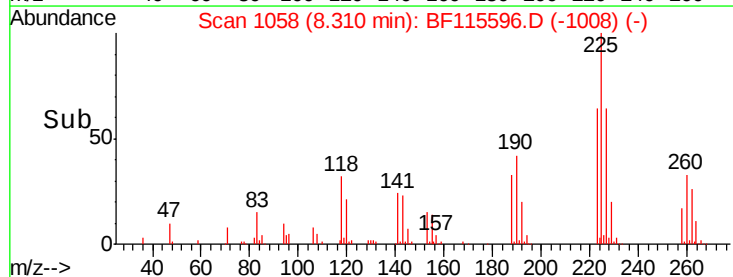
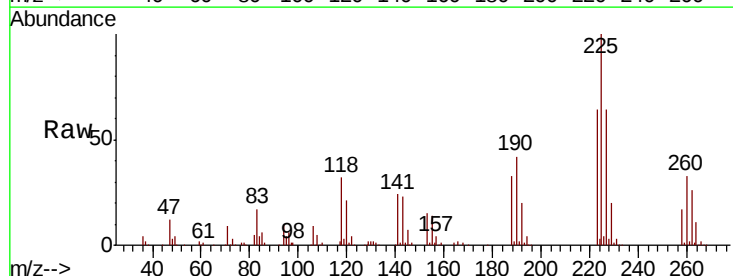
Instrument :  
BNA\_F  
ClientSampleId :

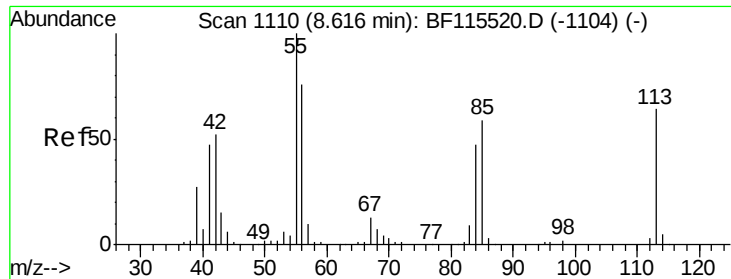
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 628520 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.9  | 26.6  | 39.8   |
| 65       | 27.0  | 23.7  | 35.5   |
| 92       | 18.8  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 42.037 ng  
RT: 8.31 min Scan# 1058  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 284542 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.2  | 50.9  | 76.3   |
| 227      | 63.8  | 50.7  | 76.1   |

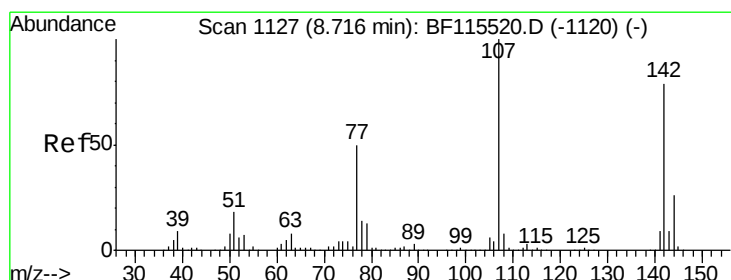
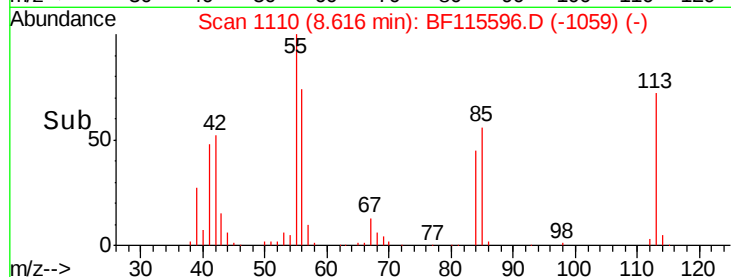
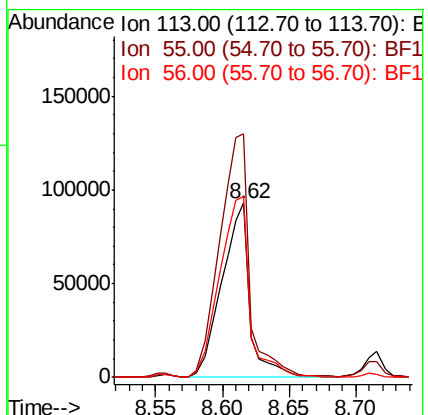
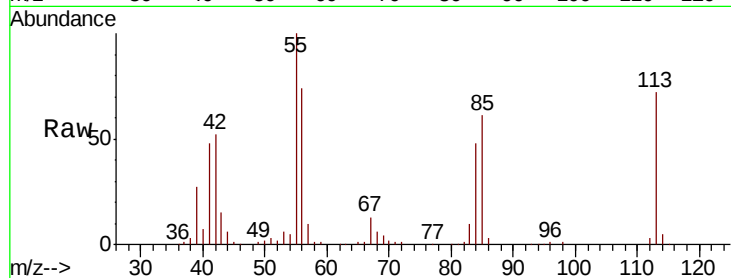




#35  
Caprolactam  
Concen: 42.444 ng  
RT: 8.62 min Scan# 1110  
Delta R.T. 0.00 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

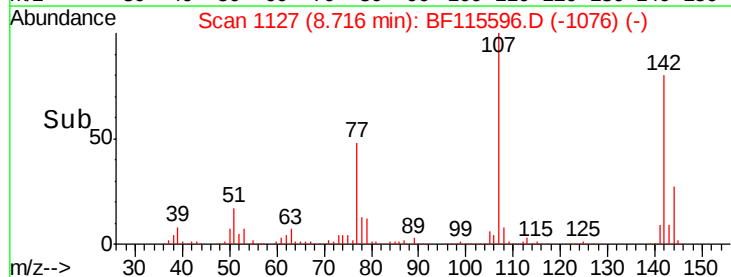
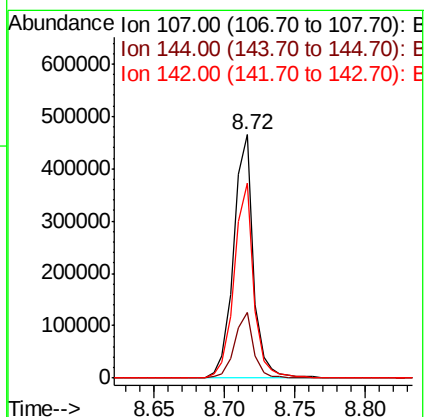
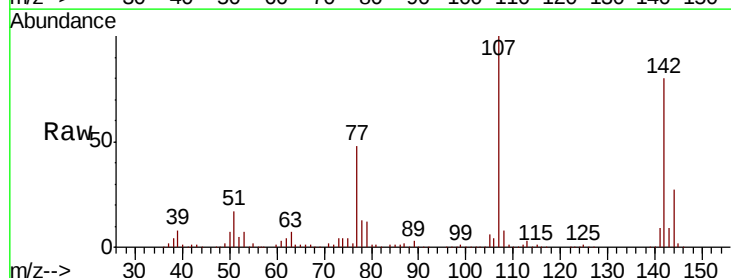
Instrument :  
BNA\_F  
ClientSampleId :

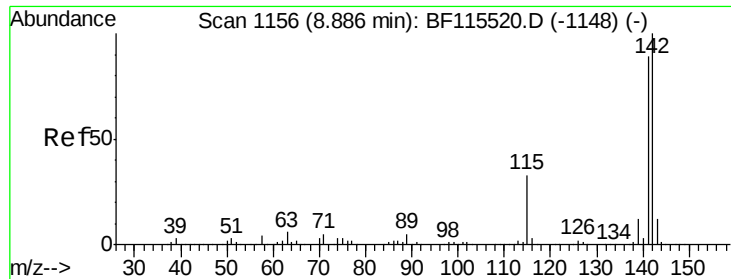
Tot Ion:113 Resp: 136957  
Ion Ratio Lower Upper  
113 100  
55 139.8 126.9 166.9  
56 104.0 90.3 130.3



#36  
4-Chloro-3-methylphenol  
Concen: 42.118 ng  
RT: 8.72 min Scan# 1127  
Delta R.T. 0.00 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Tgt Ion:107 Resp: 456214  
Ion Ratio Lower Upper  
107 100  
144 26.8 20.6 30.8  
142 80.0 63.1 94.7

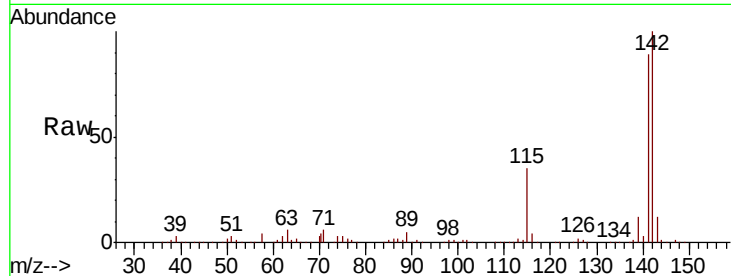




#37  
2-Methylnaphthalene  
Concen: 42.130 ng  
RT: 8.88 min Scan# 1155  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.3  | 72.0  | 108.0 |
| 115     | 34.6  | 29.9  | 44.9  |

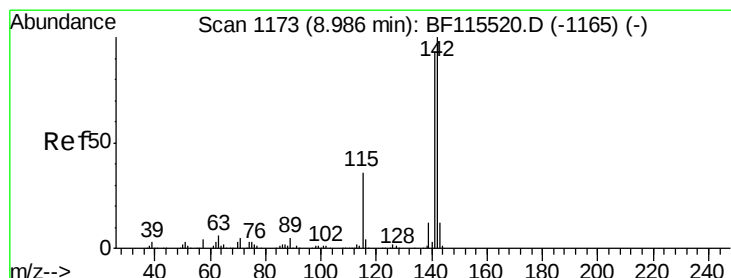
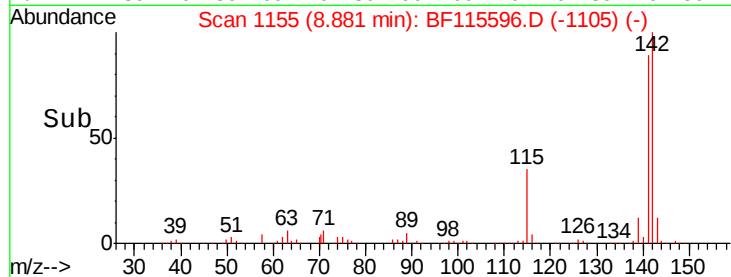
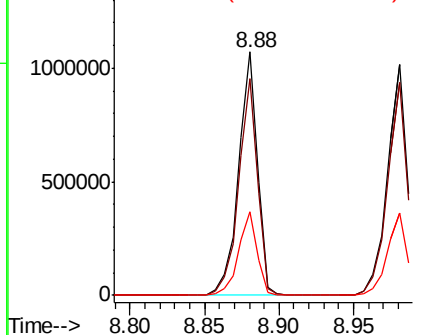


Abundance

Ion 142.00 (141.70 to 142.70): E

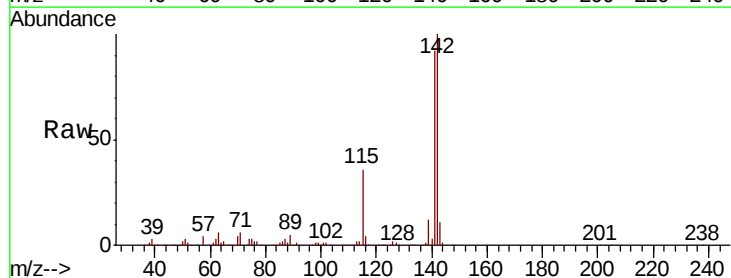
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 42.099 ng  
RT: 8.98 min Scan# 1172  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.8  | 75.3  | 112.9 |
| 116     | 3.8   | 3.3   | 4.9   |

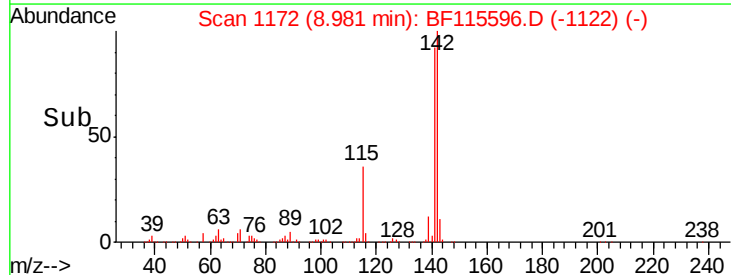
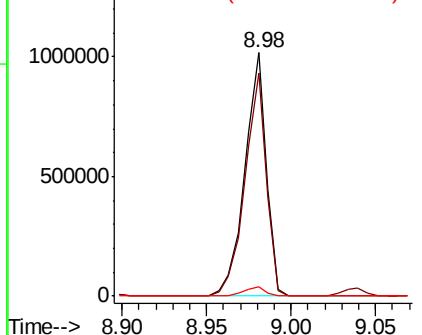


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

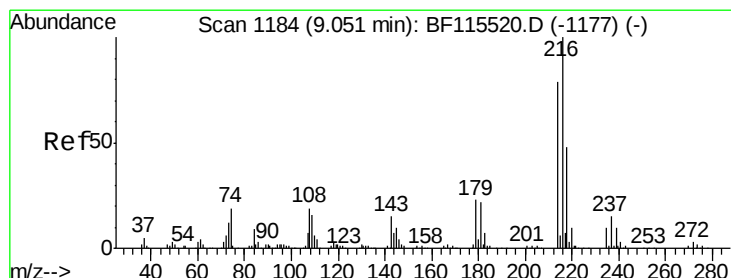
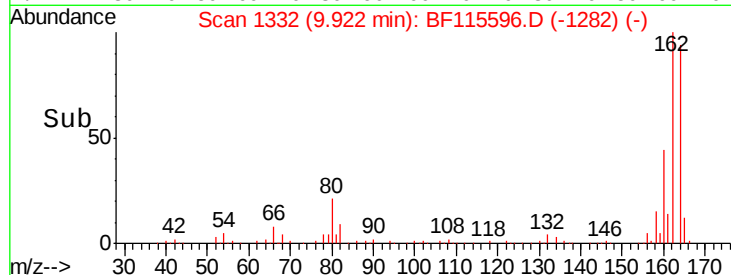
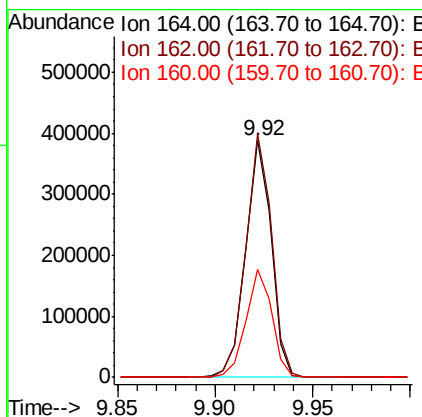
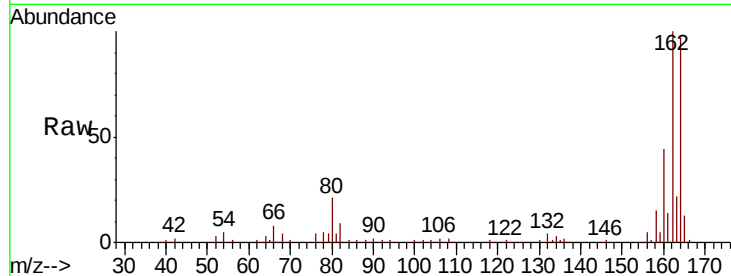




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

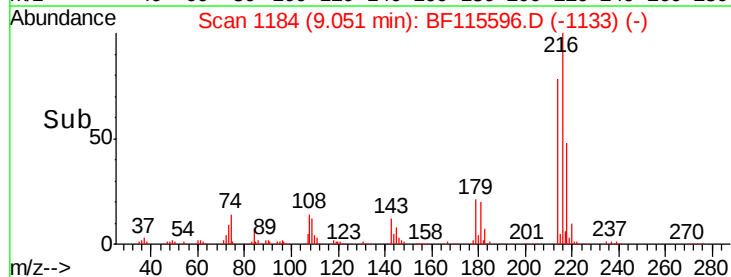
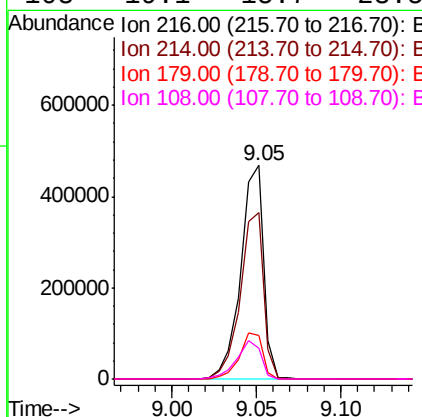
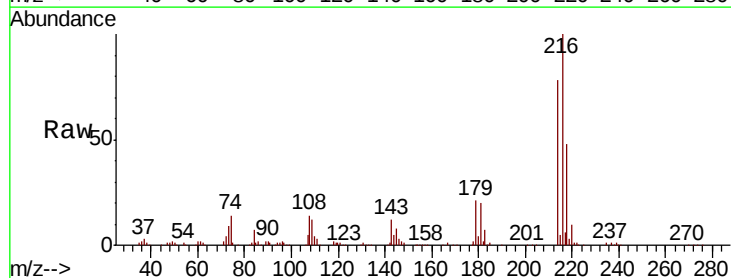
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:164 Resp: 353816  
Ion Ratio Lower Upper  
164 100  
162 102.7 82.9 124.3  
160 45.5 36.8 55.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.624 ng  
RT: 9.05 min Scan# 1184  
Delta R.T. 0.00 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Tgt Ion:216 Resp: 443488  
Ion Ratio Lower Upper  
216 100  
214 79.4 65.1 97.7  
179 21.9 18.3 27.5  
108 19.1 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 39.875 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Instrument :

BNA\_F

ClientSampleId :

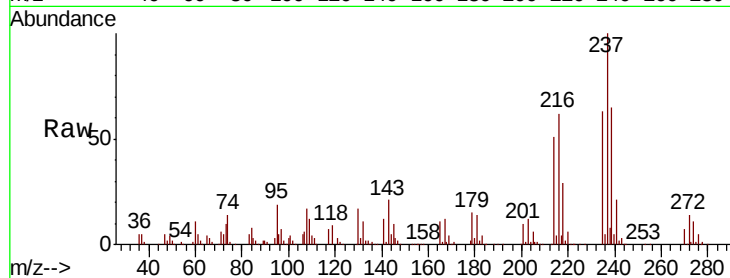
Tot Ion:237 Resp: 242353

Ion Ratio Lower Upper

237 100

235 62.8 43.6 83.6

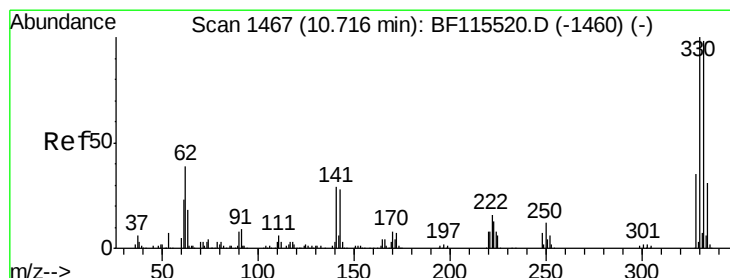
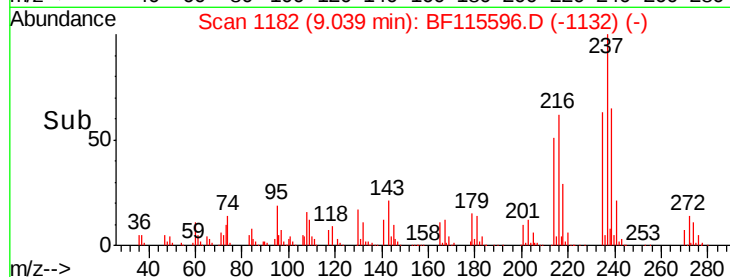
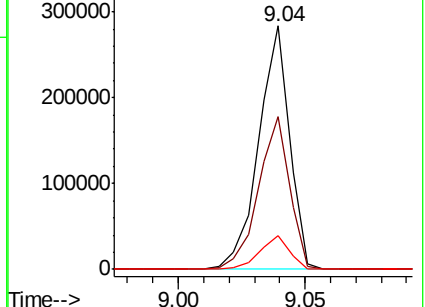
272 13.9 0.0 33.9



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: 84.443 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115596.D

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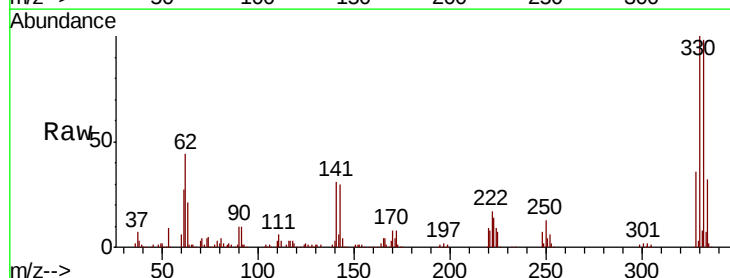
Tgt Ion:330 Resp: 348741

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.2

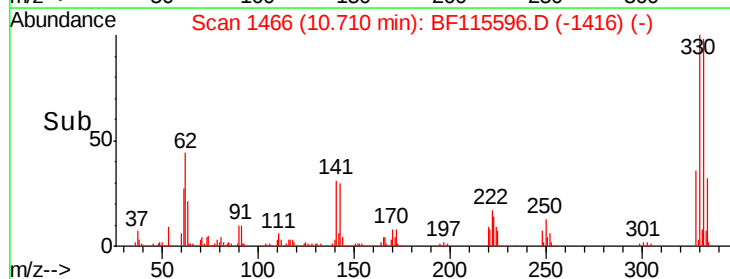
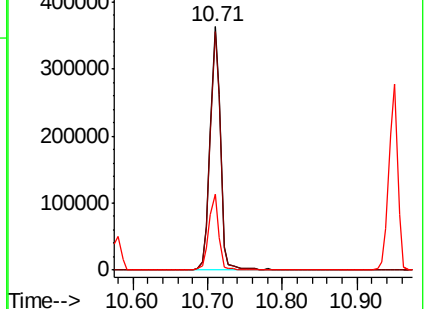
141 30.4 22.4 33.6



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

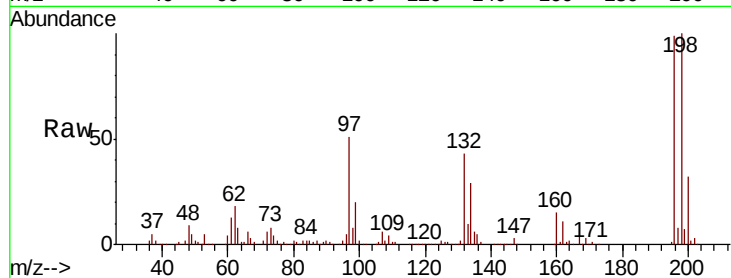




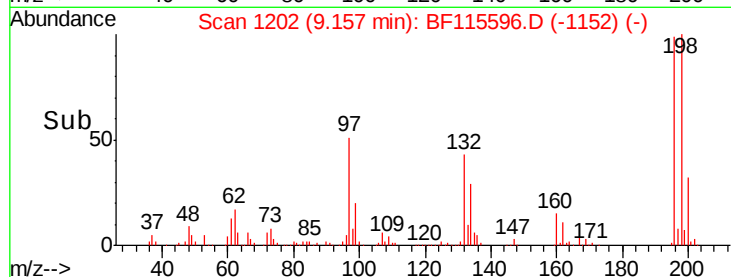
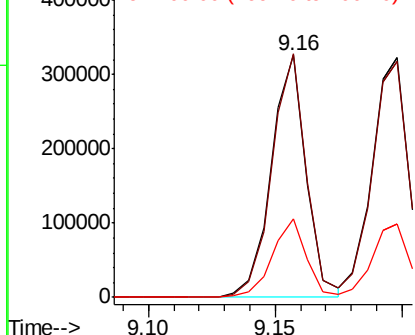
#43  
 2,4,6-Trichlorophenol  
 Concen: 40.318 ng  
 RT: 9.16 min Scan# 1202  
 Delta R.T. -0.01 min  
 Lab File: BF115596.D  
 Acq: 16 Jul 2019 14:42

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:196 Resp: 314144  
 Ion Ratio Lower Upper  
 196 100  
 198 100.6 80.6 121.0  
 200 32.6 25.8 38.6

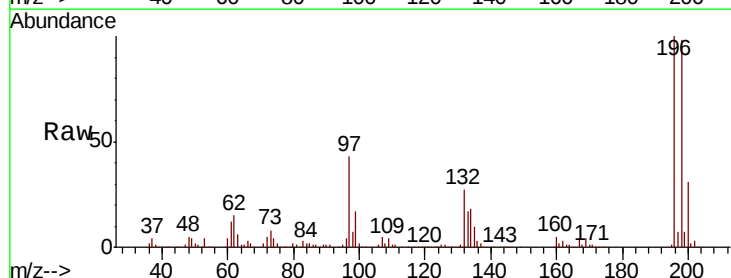


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

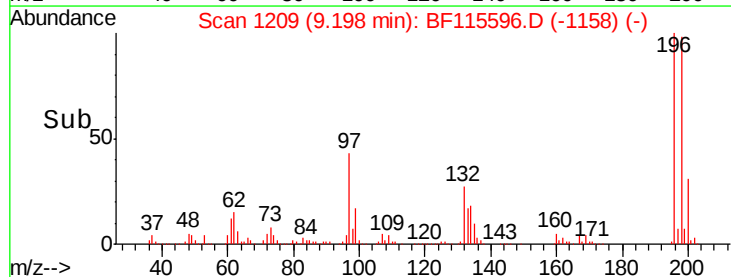
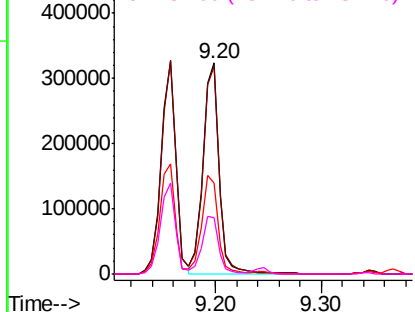


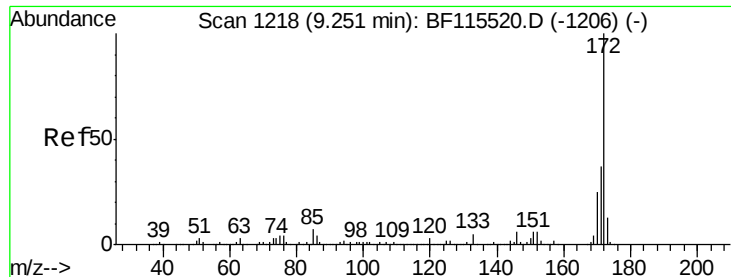
#44  
 2,4,5-Trichlorophenol  
 Concen: 42.362 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. 0.00 min  
 Lab File: BF115596.D  
 Acq: 16 Jul 2019 14:42

Tgt Ion:196 Resp: 338027  
 Ion Ratio Lower Upper  
 196 100  
 198 98.3 79.6 119.4  
 97 43.2 37.8 56.6  
 132 26.9 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

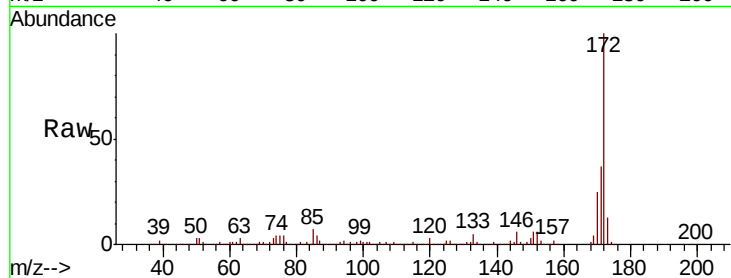




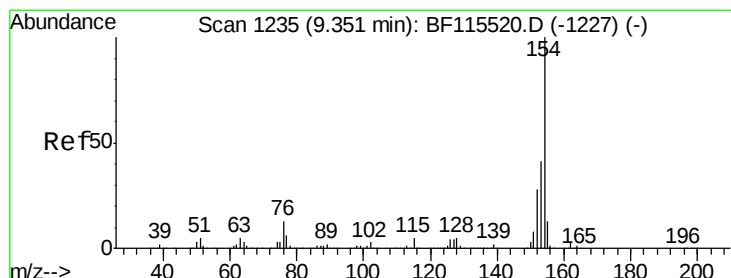
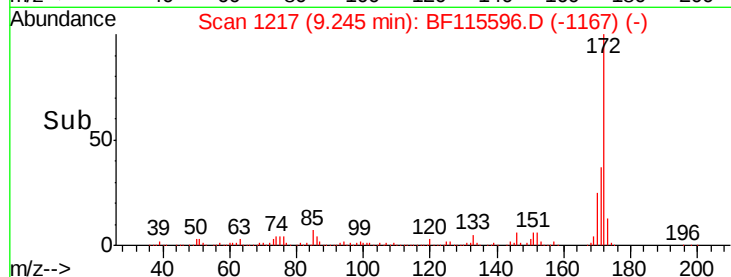
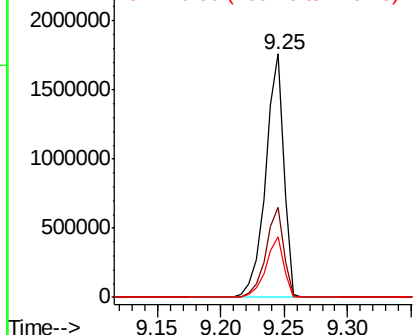
#45  
2-Fluorobiphenyl  
Concen: 87.359 ng  
RT: 9.25 min Scan# 1217  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 1765943  
Ion Ratio Lower Upper  
172 100  
171 36.7 30.6 46.0  
170 24.8 20.5 30.7

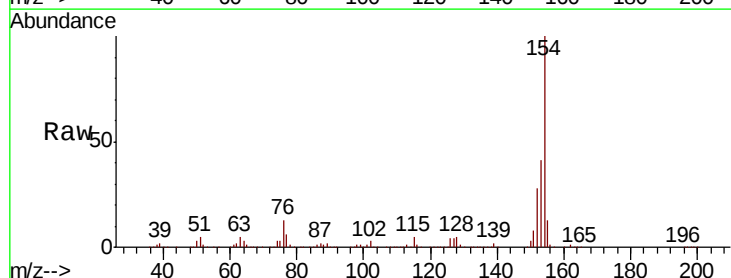


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

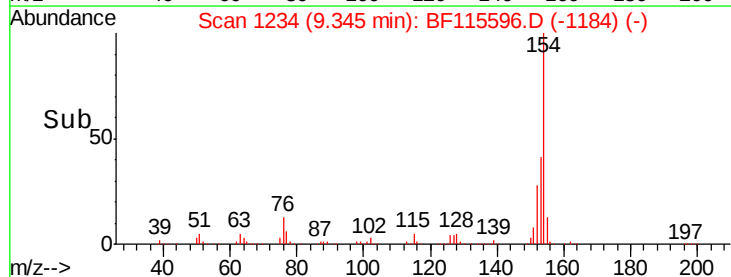
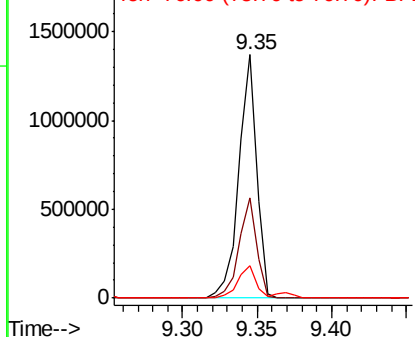


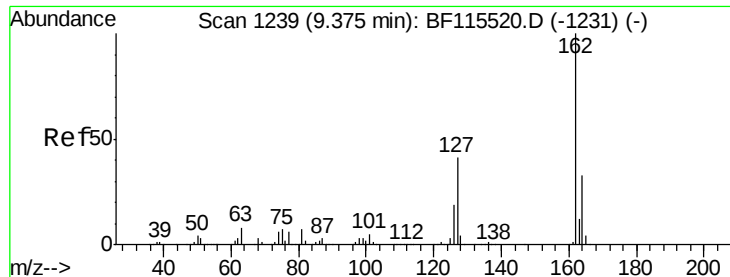
#46  
1,1'-Biphenyl  
Concen: 41.592 ng  
RT: 9.35 min Scan# 1234  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Tgt Ion:154 Resp: 1150486  
Ion Ratio Lower Upper  
154 100  
153 40.9 22.6 62.6  
76 13.4 0.0 33.4



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

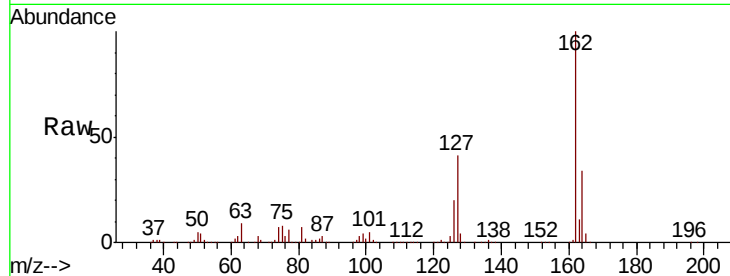




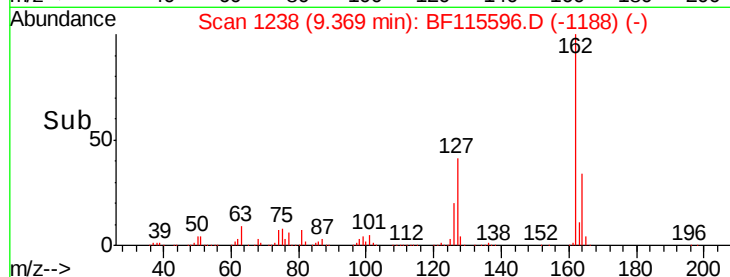
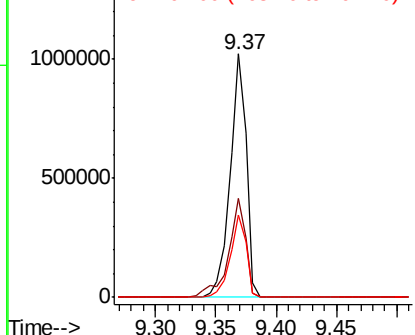
#47  
 2-Chloronaphthalene  
 Concen: 41.365 ng  
 RT: 9.37 min Scan# 1238  
 Delta R.T. -0.01 min  
 Lab File: BF115596.D  
 Acq: 16 Jul 2019 14:42

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:162 Resp: 952720  
 Ion Ratio Lower Upper  
 162 100  
 127 40.9 34.1 51.1  
 164 33.8 27.4 41.2

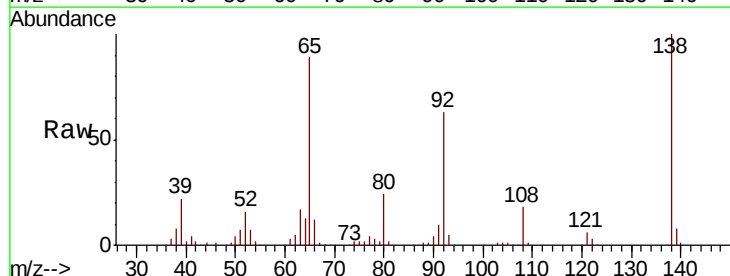


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

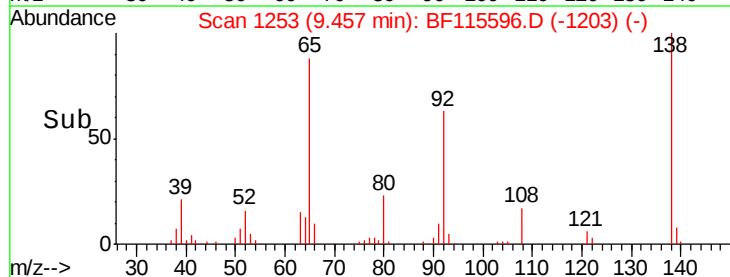
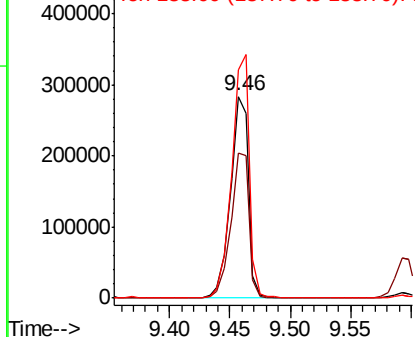


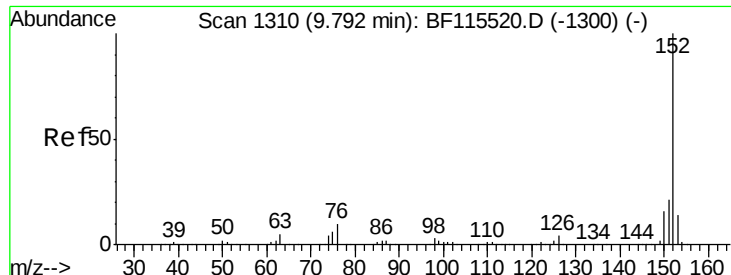
#48  
 2-Nitroaniline  
 Concen: 41.298 ng  
 RT: 9.46 min Scan# 1253  
 Delta R.T. -0.01 min  
 Lab File: BF115596.D  
 Acq: 16 Jul 2019 14:42

Tgt Ion: 65 Resp: 294405  
 Ion Ratio Lower Upper  
 65 100  
 92 71.7 57.8 86.6  
 138 113.0 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: 41.719 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Instrument :

BNA\_F

ClientSampleId :

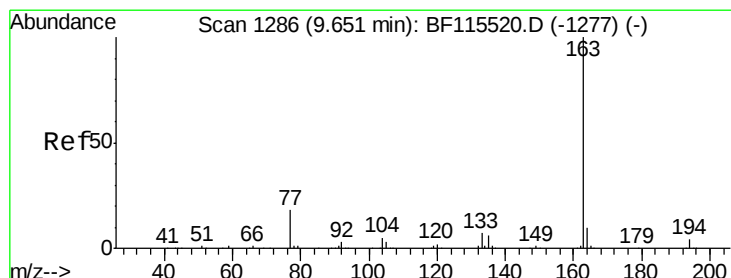
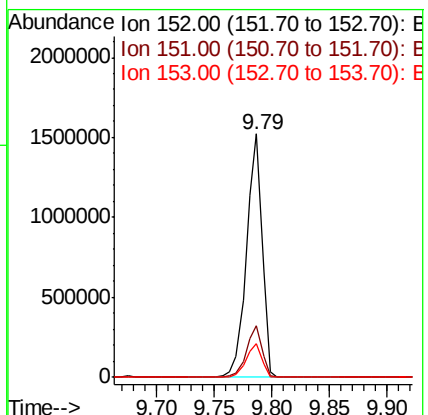
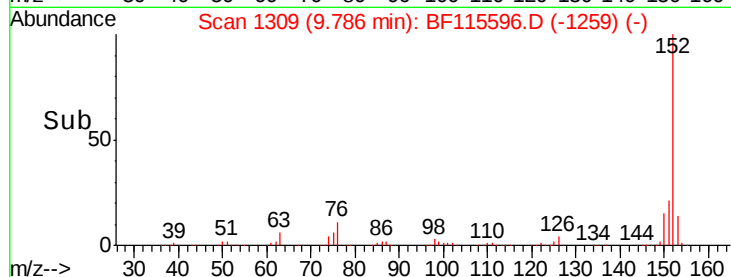
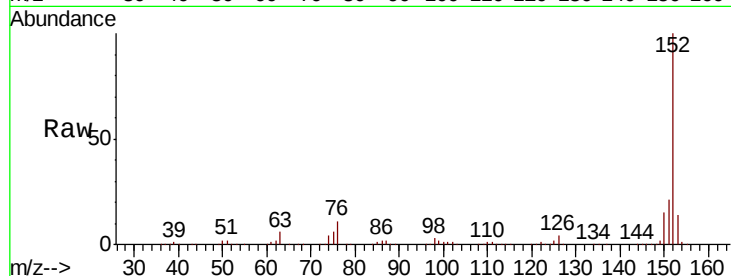
Tot Ion:152 Resp: 1423779

Ion Ratio Lower Upper

152 100

151 21.1 17.7 26.5

153 14.0 12.0 18.0



#50

Dimethylphthalate

Concen: 41.220 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

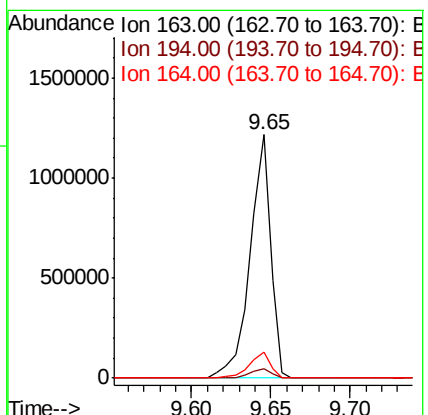
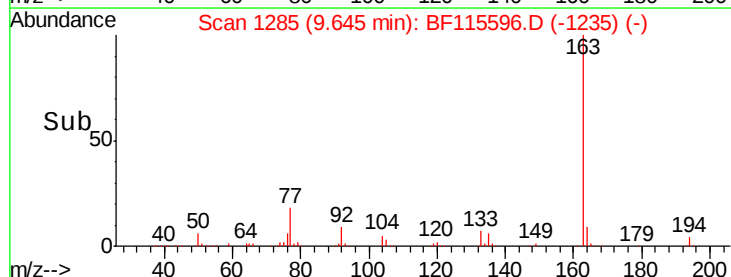
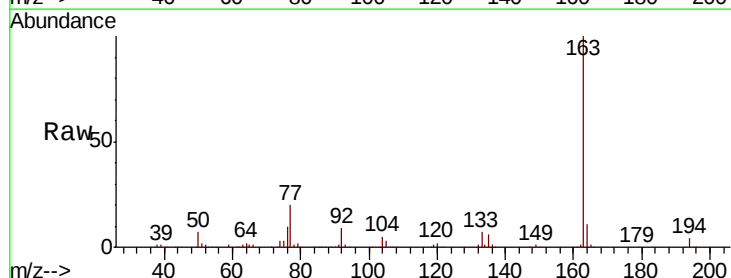
Tgt Ion:163 Resp: 1097275

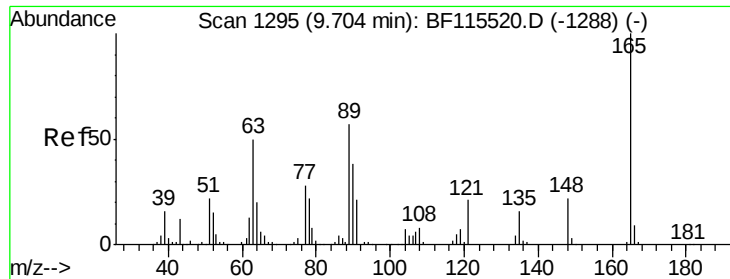
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.6 8.7 13.1

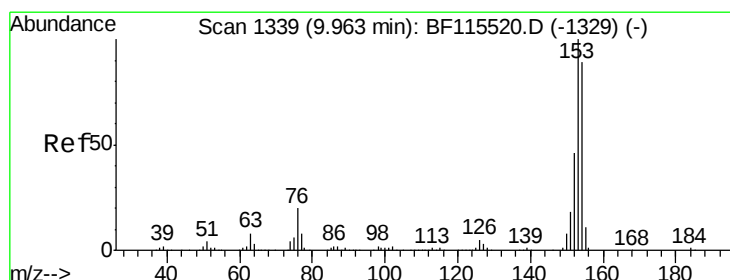
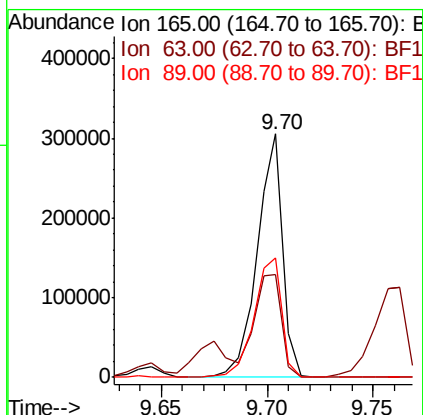
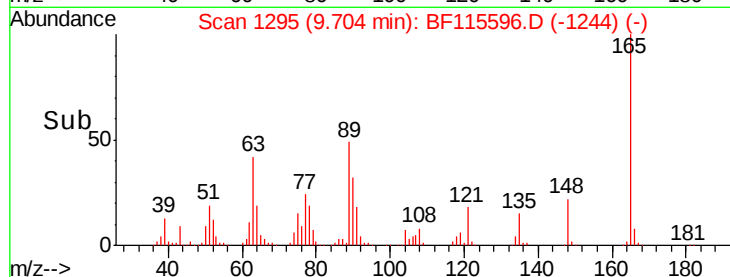
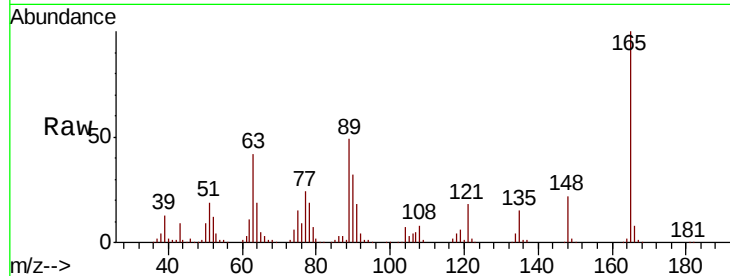




#51  
2,6-Dinitrotoluene  
Concen: 42.196 ng  
RT: 9.70 min Scan# 1295  
Delta R.T. 0.00 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

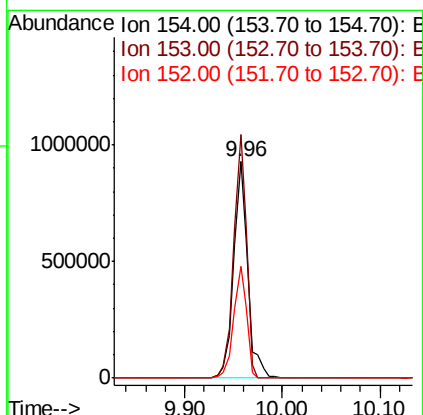
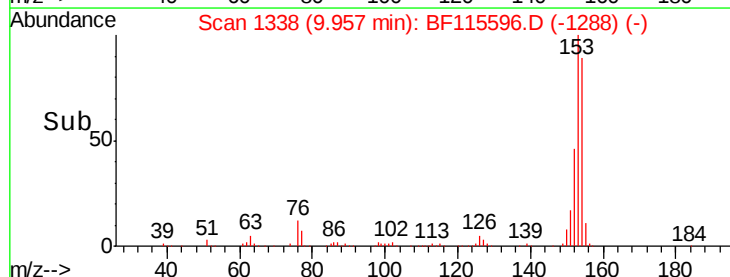
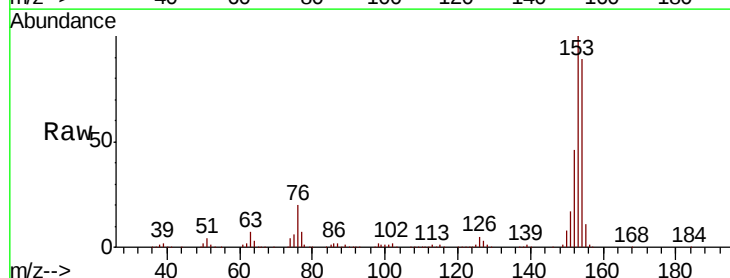
Instrument :  
BNA\_F  
ClientSampled :

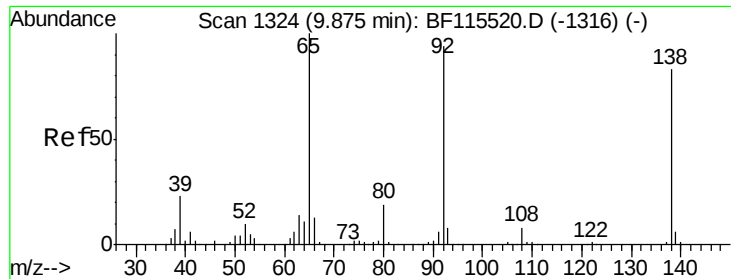
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.5  | 40.6  | 61.0  |
| 89      | 49.0  | 43.9  | 65.9  |



#52  
Acenaphthene  
Concen: 42.021 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.5 | 88.6  | 133.0 |
| 152     | 51.7  | 42.3  | 63.5  |

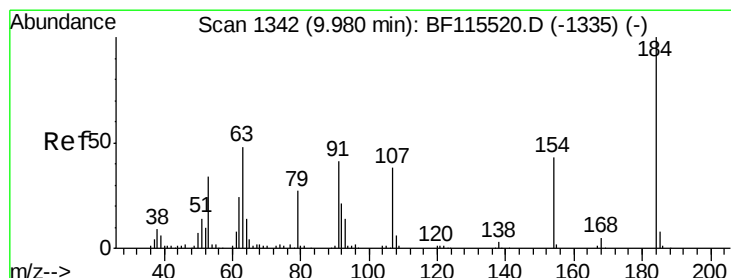
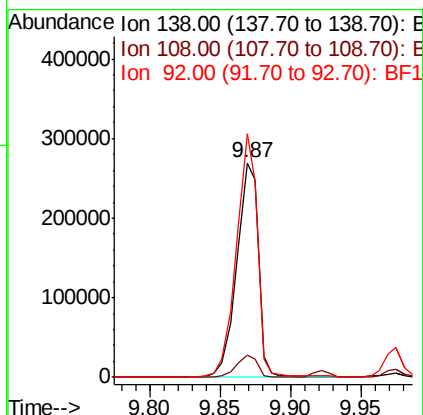
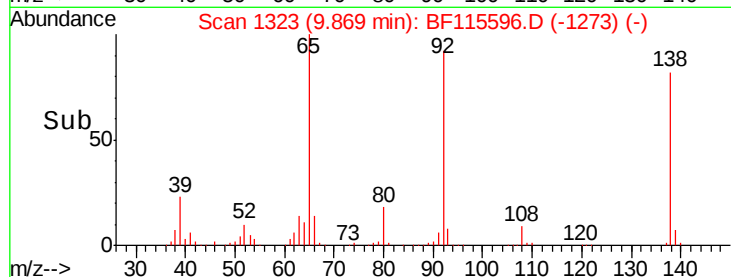
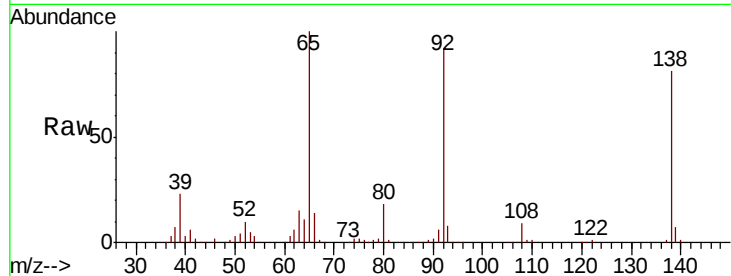




#53  
3-Nitroaniline  
Concen: 41.545 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

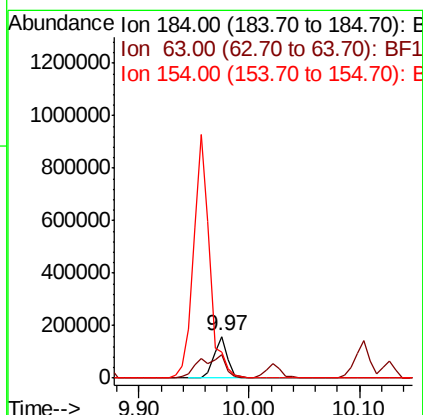
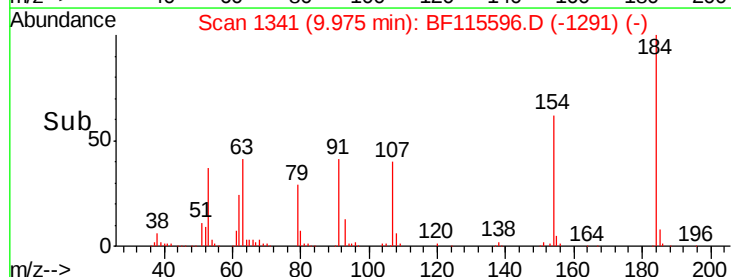
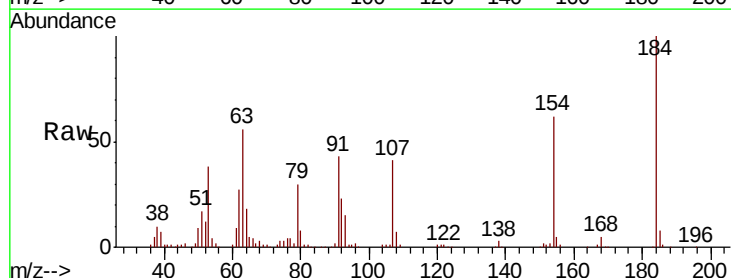
Instrument :  
BNA\_F  
ClientSampleId :

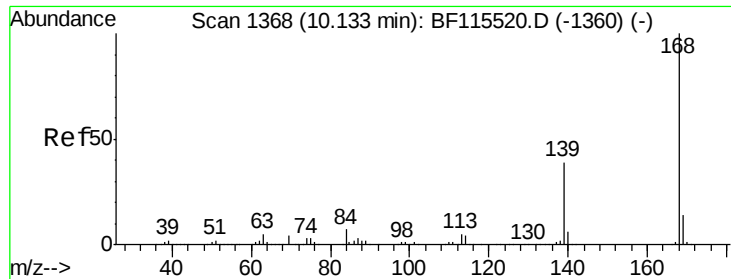
Tot Ion:138 Resp: 287209  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.4 12.6  
92 113.4 88.0 132.0



#54  
2,4-Dinitrophenol  
Concen: 44.084 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Tgt Ion:184 Resp: 136922  
Ion Ratio Lower Upper  
184 100  
63 56.3 48.7 73.1  
154 62.3 48.6 73.0

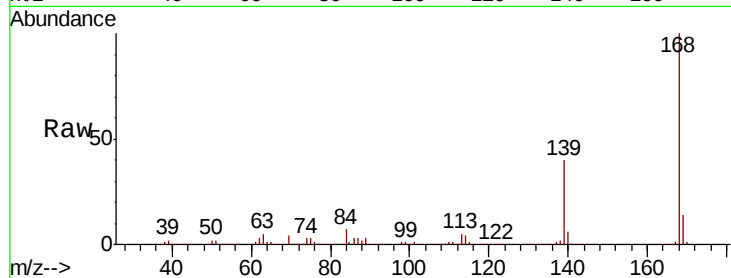




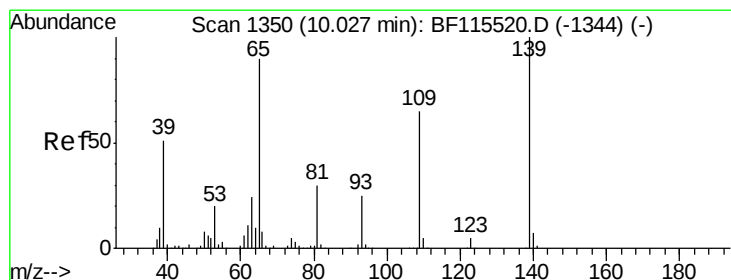
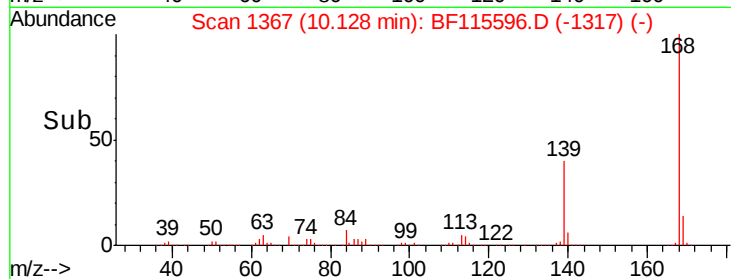
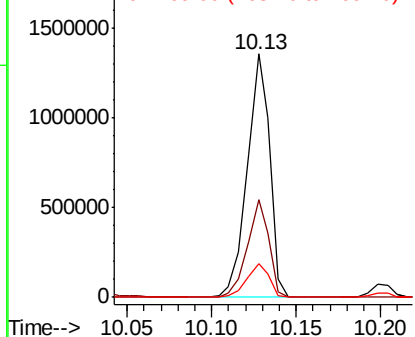
#55  
Dibenzenofuran  
Concen: 40.457 ng  
RT: 10.13 min Scan# 1367  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 1265920  
Ion Ratio Lower Upper  
168 100  
139 40.1 31.1 46.7  
169 14.0 11.1 16.7

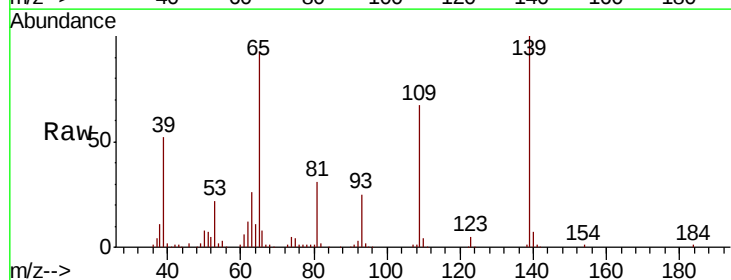


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

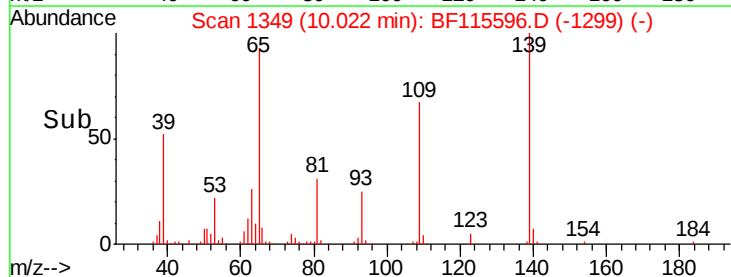
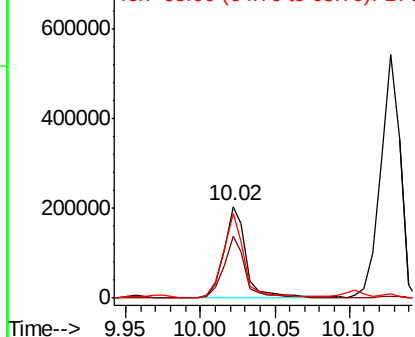


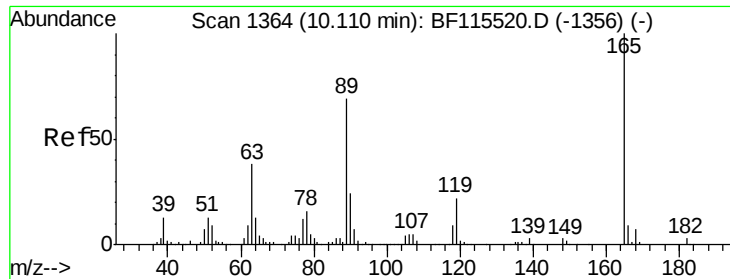
#56  
4-Nitrophenol  
Concen: 41.355 ng  
RT: 10.02 min Scan# 1349  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Tgt Ion:139 Resp: 218012  
Ion Ratio Lower Upper  
139 100  
109 67.5 46.4 86.4  
65 93.1 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

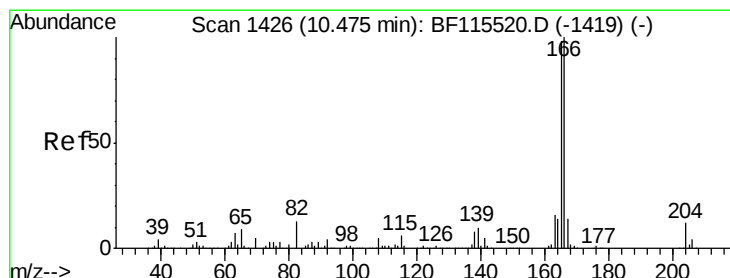
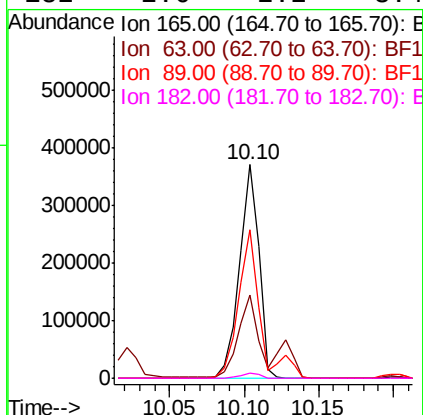
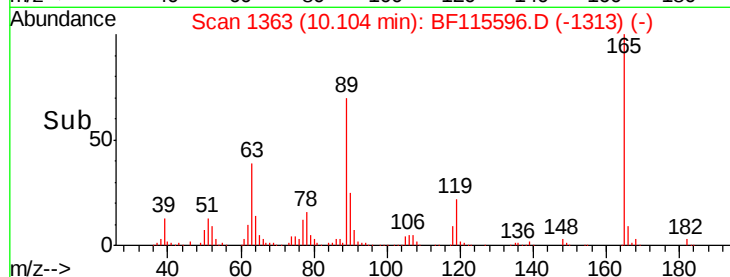
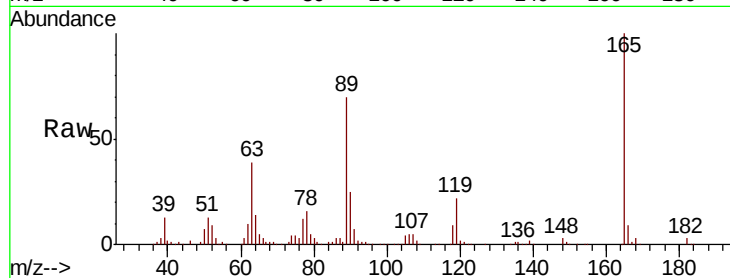




#57  
2,4-Dinitrotoluene  
Concen: 43.011 ng  
RT: 10.10 min Scan# 1363  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

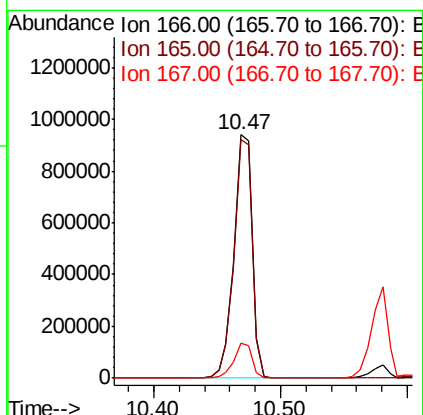
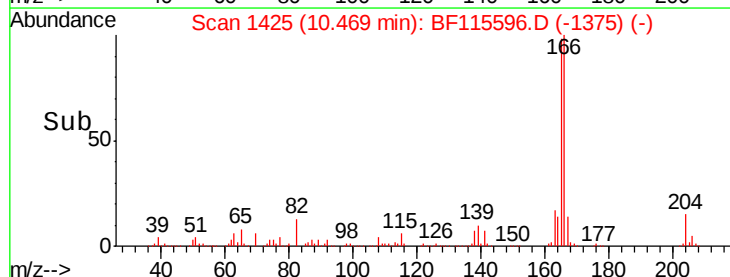
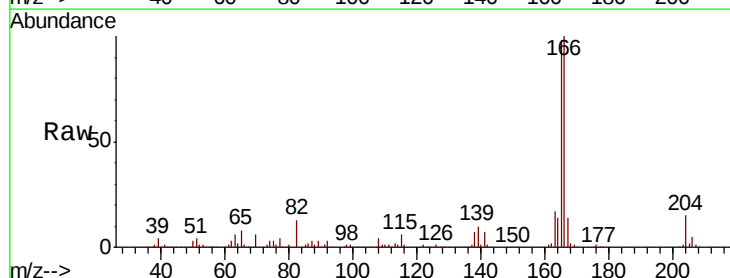
Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 39.1  | 34.9  | 52.3  |
| 89      | 69.8  | 57.5  | 86.3  |
| 182     | 2.6   | 2.2   | 3.4   |



#58  
Fluorene  
Concen: 41.504 ng  
RT: 10.47 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.2  | 79.8  | 119.6 |
| 167     | 14.2  | 11.2  | 16.8  |

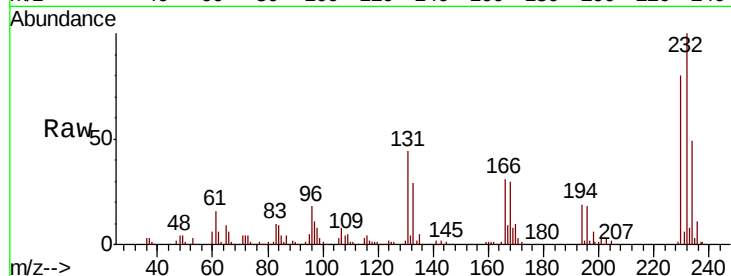




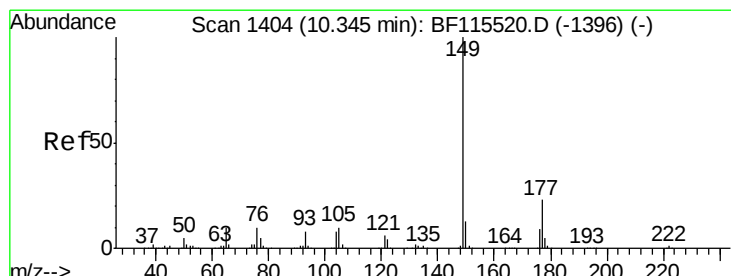
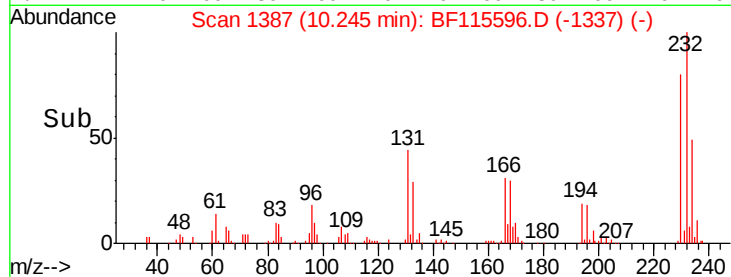
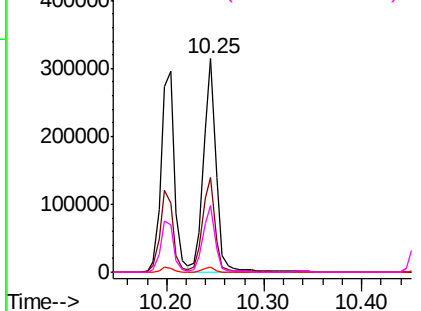
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.187 ng  
 RT: 10.25 min Scan# 1387  
 Delta R.T. -0.01 min  
 Lab File: BF115596.D  
 Acq: 16 Jul 2019 14:42

Instrument :  
 BNA\_F  
 ClientSampled :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 232   | Resp: | 281407 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 44.5  | 35.9  | 53.9   |
| 130       | 2.2   | 1.8   | 2.6    |
| 166       | 30.5  | 24.8  | 37.2   |

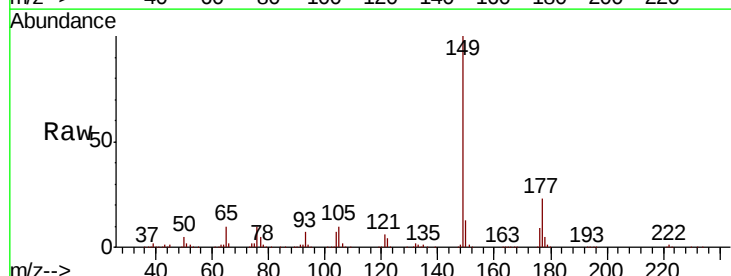


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

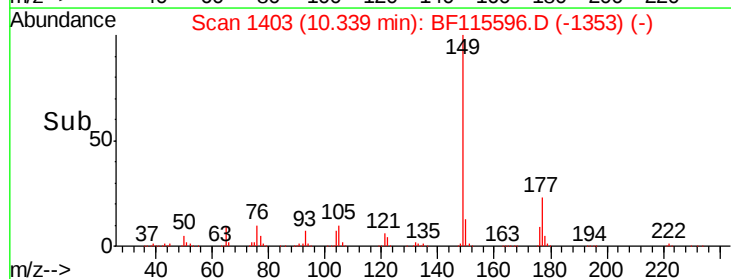
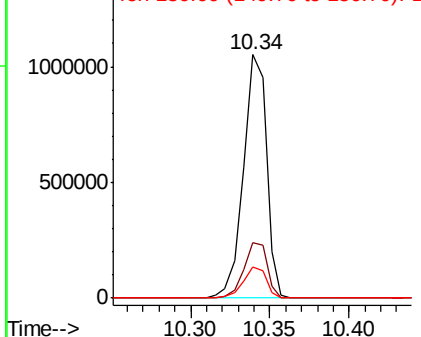


#60  
 Diethylphthalate  
 Concen: 42.516 ng  
 RT: 10.34 min Scan# 1403  
 Delta R.T. -0.01 min  
 Lab File: BF115596.D  
 Acq: 16 Jul 2019 14:42

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1060420 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 177       | 23.0  | 19.5  | 29.3    |
| 150       | 12.7  | 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

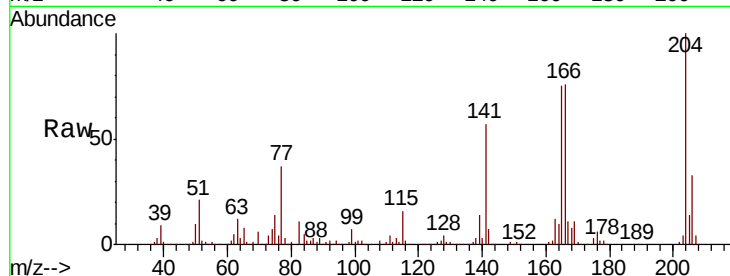




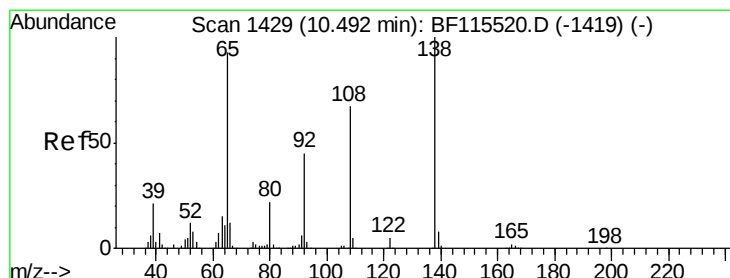
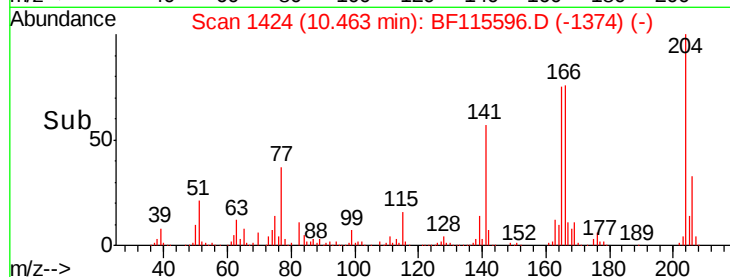
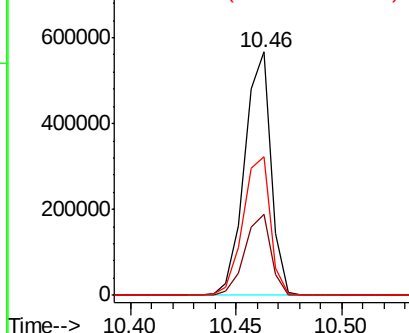
#61  
4-Chlorophenyl-phenylether  
Concen: 39.562 ng  
RT: 10.46 min Scan# 1424  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:204 Resp: 490756  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.7 40.1  
141 57.0 44.2 66.2

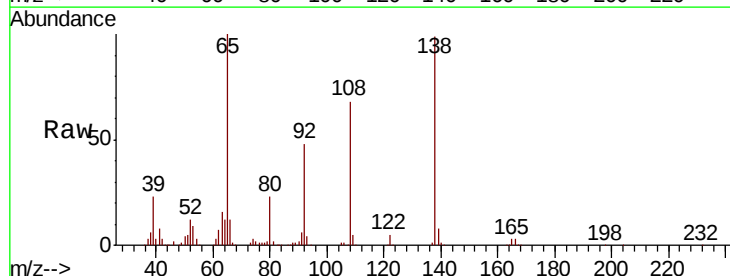


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

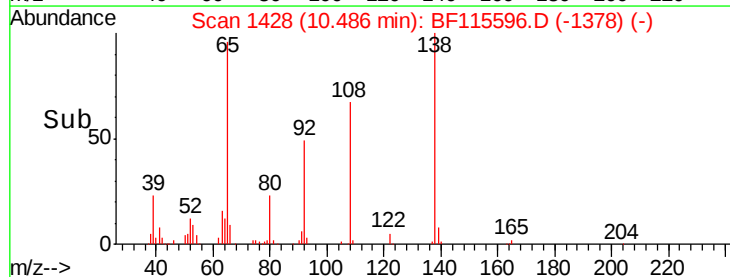
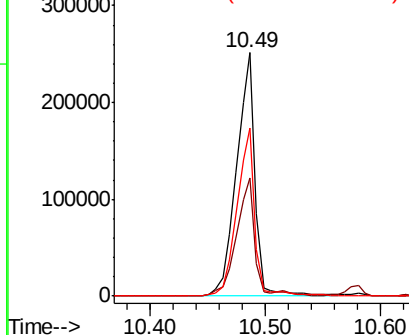


#62  
4-Nitroaniline  
Concen: 42.280 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Tgt Ion:138 Resp: 280369  
Ion Ratio Lower Upper  
138 100  
92 48.5 27.1 67.1  
108 69.2 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: 42.241 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 1021933

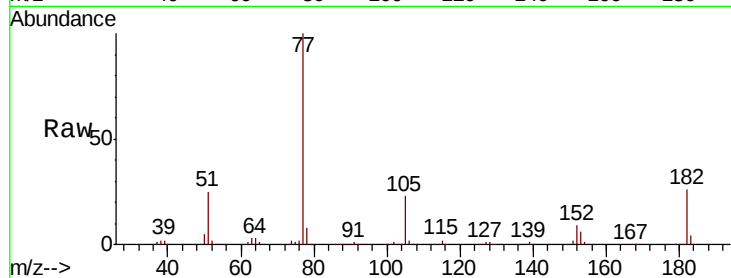
Ion Ratio Lower Upper

77 100

182 26.1 6.9 46.9

105 22.9 3.9 43.9

51 25.2 7.3 47.3

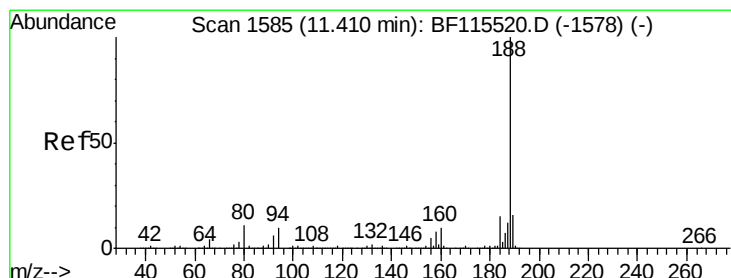
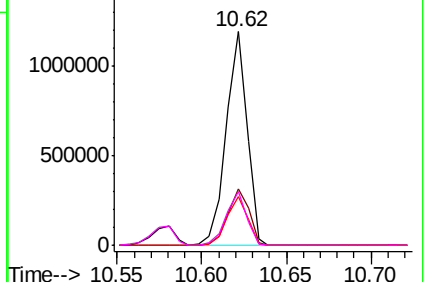
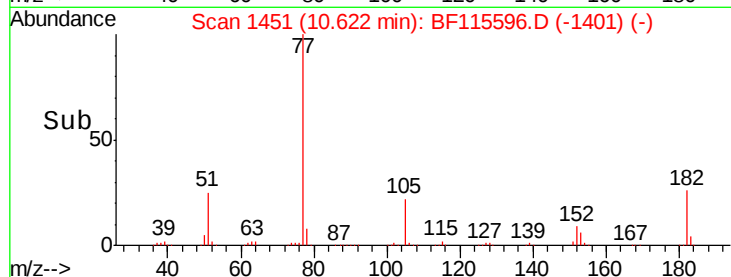


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF115596.D

Acq: 16 Jul 2019 14:42

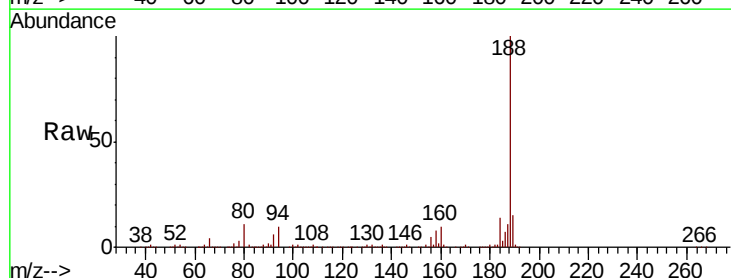
Tgt Ion: 188 Resp: 683896

Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.6

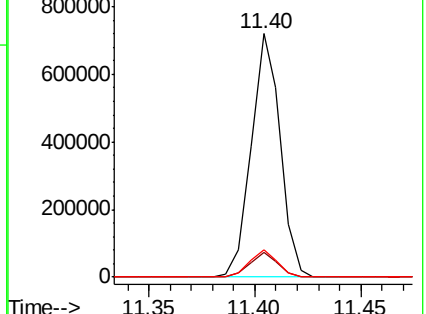
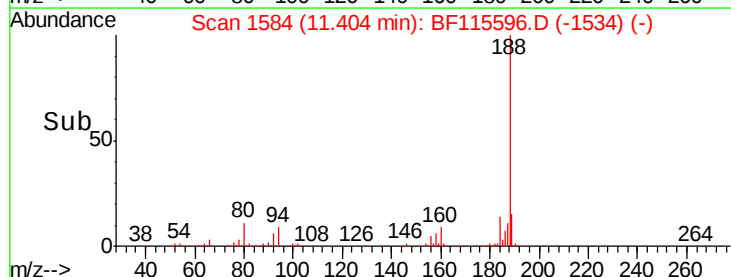
80 11.3 8.6 13.0

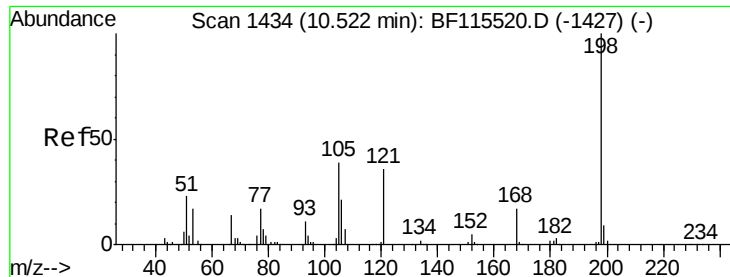


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

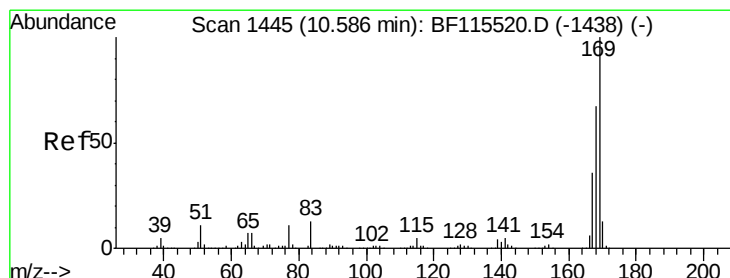
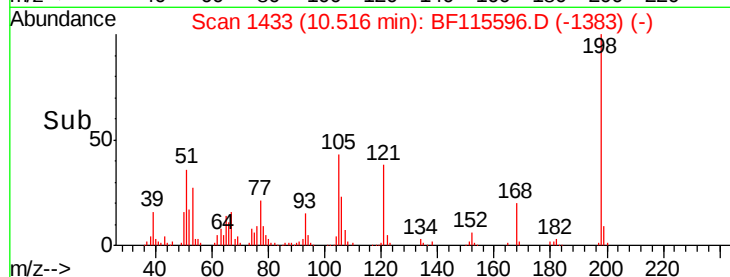
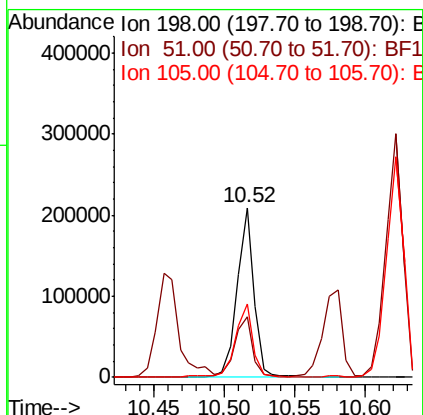
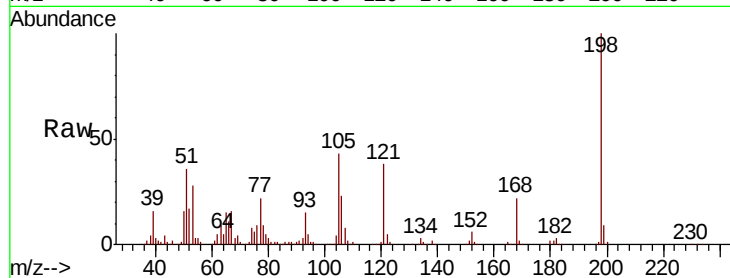




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 42.029 ng  
 RT: 10.52 min Scan# 1433  
 Delta R.T. -0.01 min  
 Lab File: BF115596.D  
 Acq: 16 Jul 2019 14:42

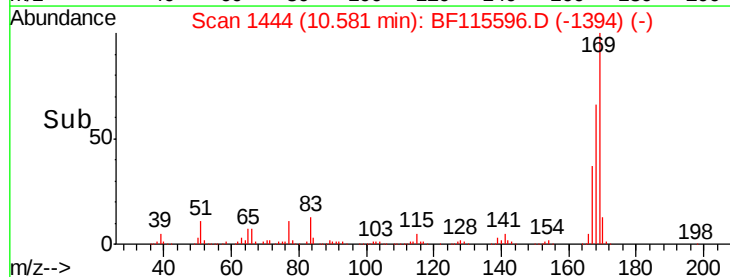
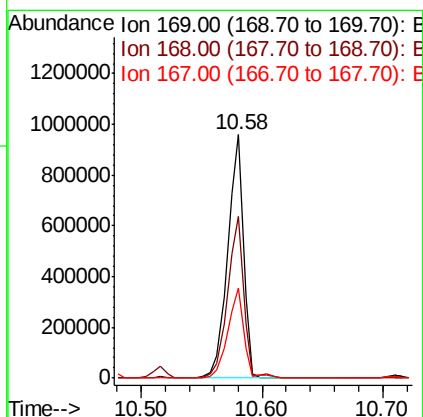
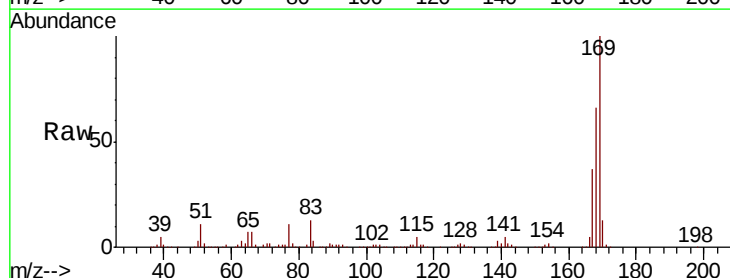
Instrument :  
 BNA\_F  
 ClientSampleId :

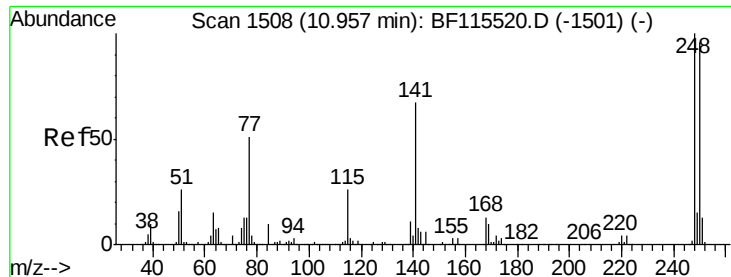
Tot Ion:198 Resp: 175613  
 Ion Ratio Lower Upper  
 198 100  
 51 35.7 19.1 59.1  
 105 43.1 23.6 63.6



#66  
 n-Nitrosodiphenylamine  
 Concen: 40.879 ng  
 RT: 10.58 min Scan# 1444  
 Delta R.T. -0.01 min  
 Lab File: BF115596.D  
 Acq: 16 Jul 2019 14:42

Tgt Ion:169 Resp: 869642  
 Ion Ratio Lower Upper  
 169 100  
 168 66.4 54.3 81.5  
 167 36.9 30.2 45.2

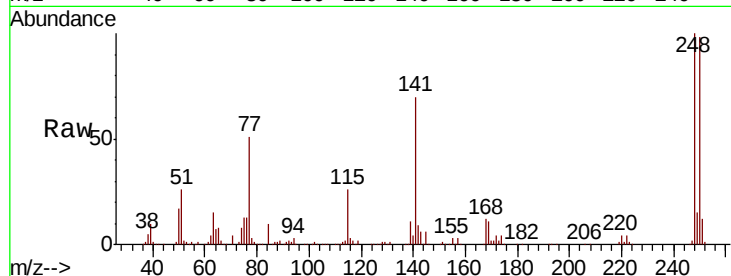




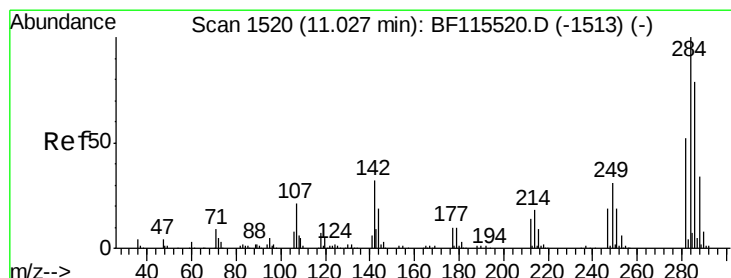
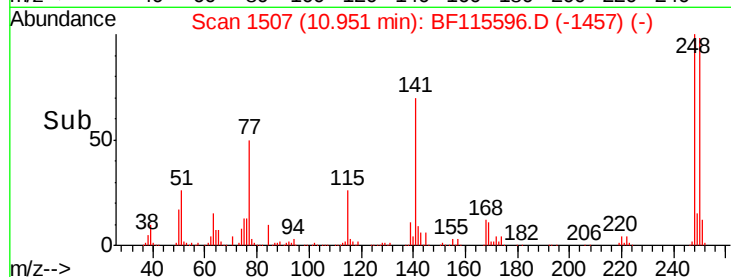
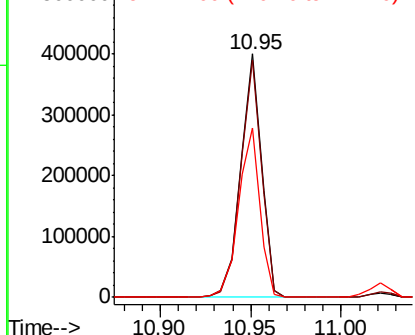
#67  
 4-Bromophenyl-phenylether  
 Concen: 40.903 ng  
 RT: 10.95 min Scan# 1507  
 Delta R.T. -0.01 min  
 Lab File: BF115596.D  
 Acq: 16 Jul 2019 14:42

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:248 Resp: 319666  
 Ion Ratio Lower Upper  
 248 100  
 250 97.6 78.0 117.0  
 141 69.5 57.7 86.5

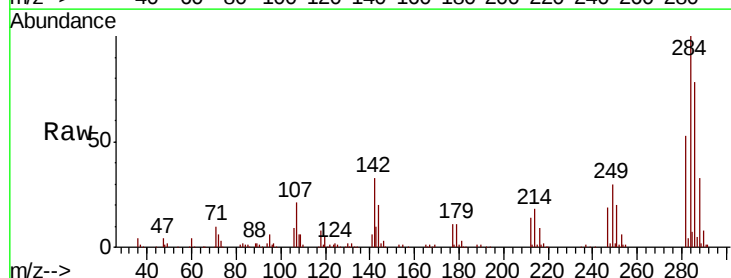


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

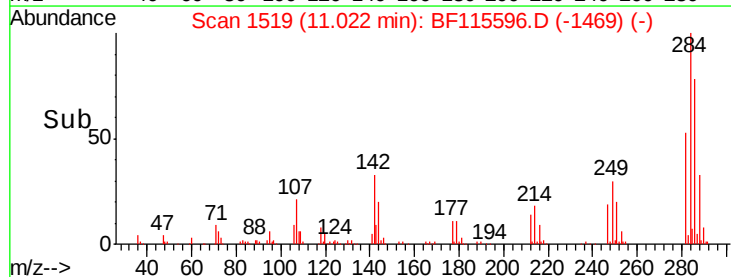
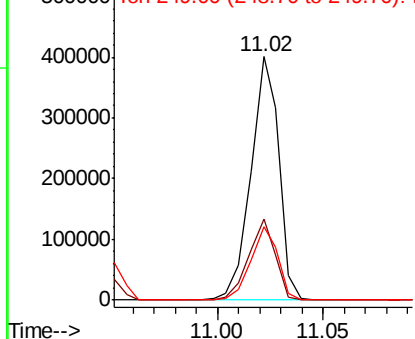


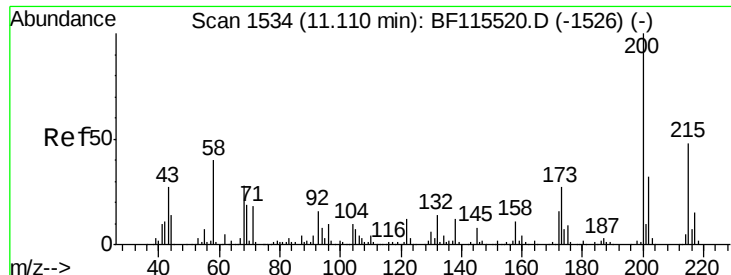
#68  
 Hexachlorobenzene  
 Concen: 41.287 ng  
 RT: 11.02 min Scan# 1519  
 Delta R.T. -0.01 min  
 Lab File: BF115596.D  
 Acq: 16 Jul 2019 14:42

Tgt Ion:284 Resp: 368492  
 Ion Ratio Lower Upper  
 284 100  
 142 33.1 22.2 33.2  
 249 30.0 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

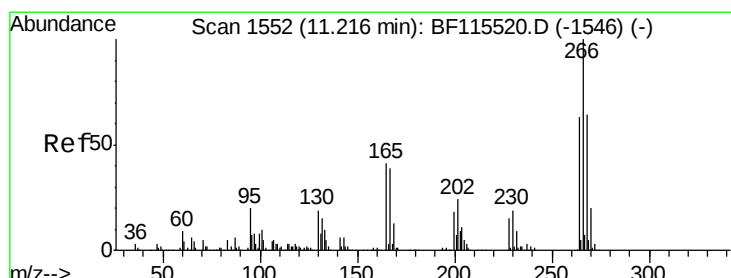
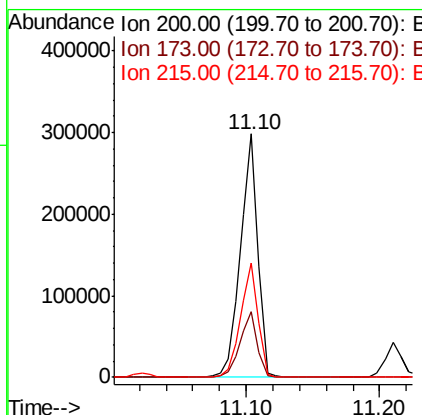
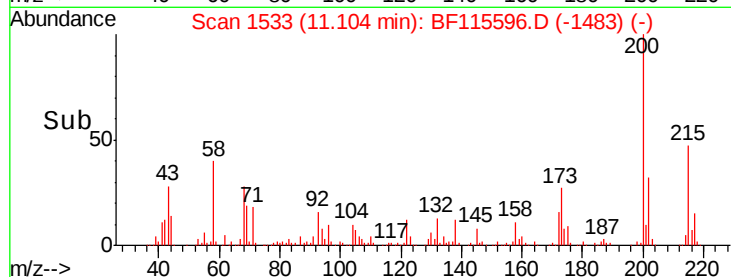
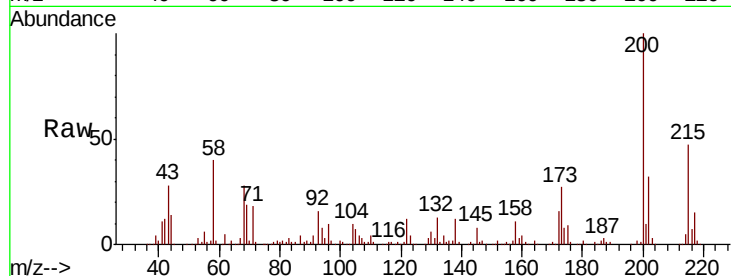




#69  
Atrazine  
Concen: 38.759 ng  
RT: 11.10 min Scan# 1533  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

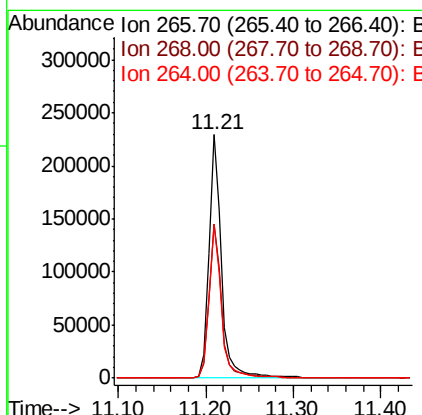
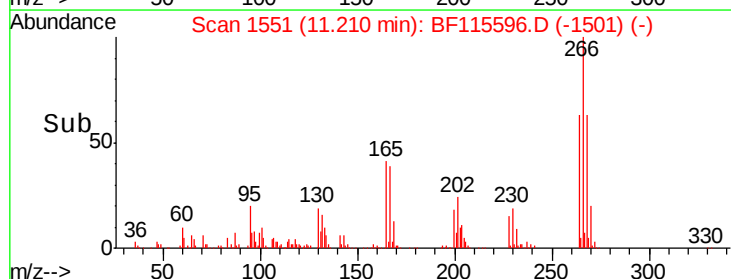
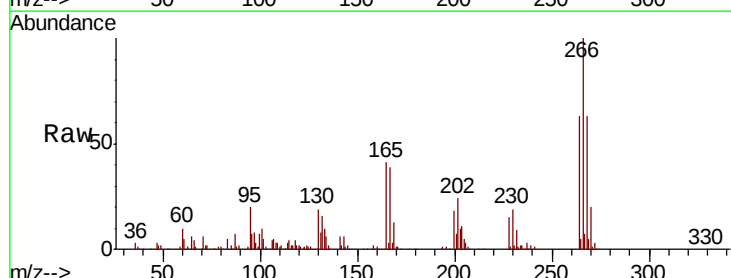
Instrument :  
BNA\_F  
ClientSampleId :

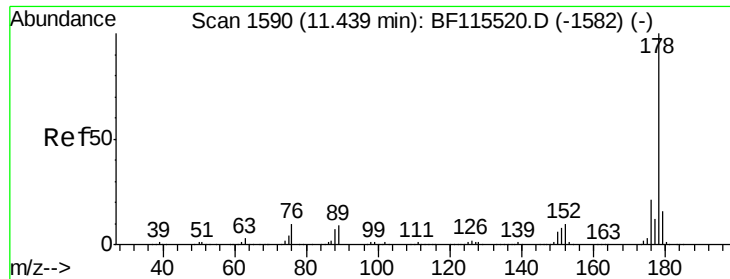
Tot Ion:200 Resp: 270497  
Ion Ratio Lower Upper  
200 100  
173 27.1 6.9 46.9  
215 47.1 27.9 67.9



#70  
Pentachlorophenol  
Concen: 42.004 ng  
RT: 11.21 min Scan# 1551  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Tgt Ion:266 Resp: 229292  
Ion Ratio Lower Upper  
266 100  
268 63.4 51.6 77.4  
264 63.0 50.6 76.0

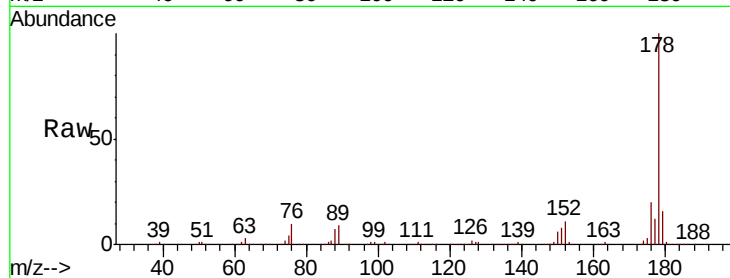




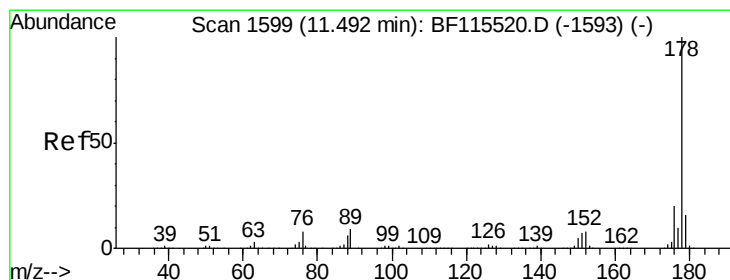
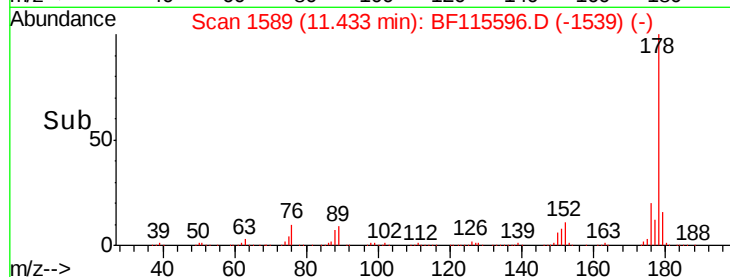
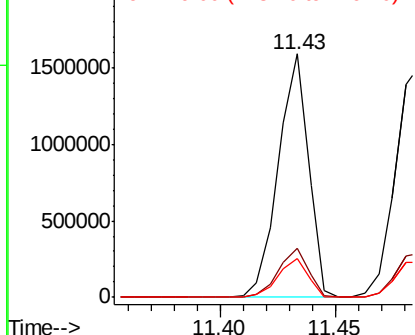
#71  
Phenanthrene  
Concen: 41.127 ng  
RT: 11.43 min Scan# 1589  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:178 Resp: 1441754  
Ion Ratio Lower Upper  
178 100  
176 20.2 17.2 25.8  
179 16.0 13.5 20.3

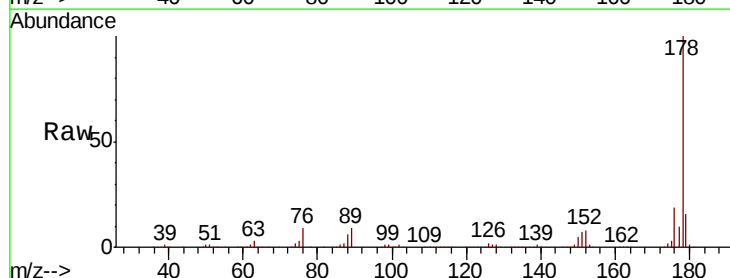


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

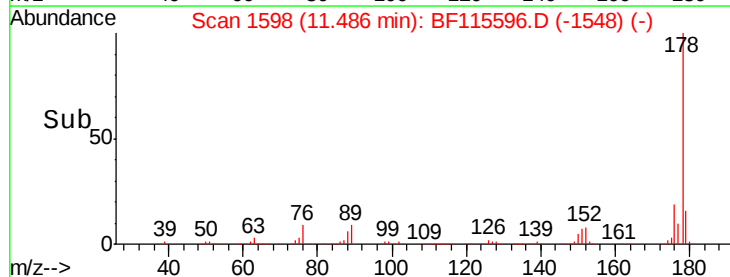
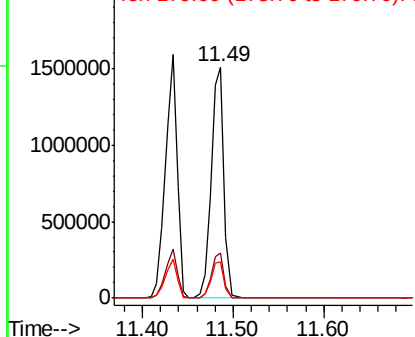


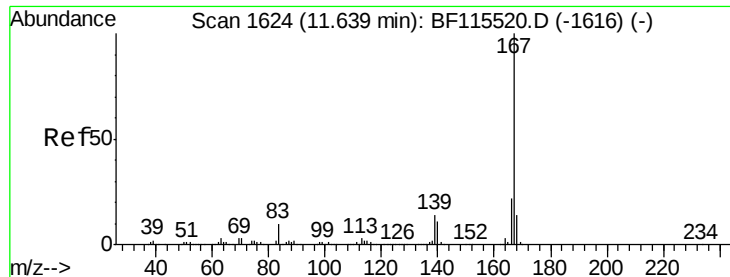
#72  
Anthracene  
Concen: 40.729 ng  
RT: 11.49 min Scan# 1598  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Tgt Ion:178 Resp: 1475569  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.9 23.9  
179 15.9 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

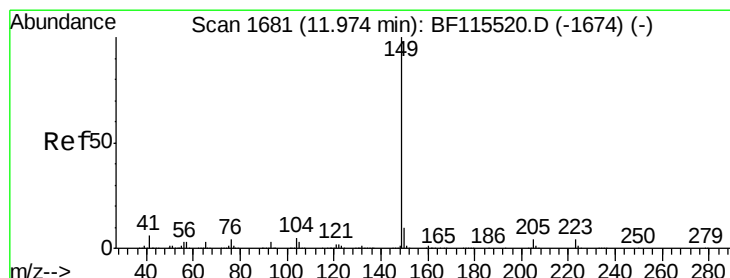
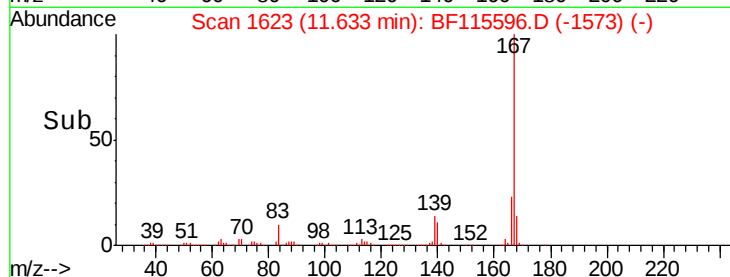
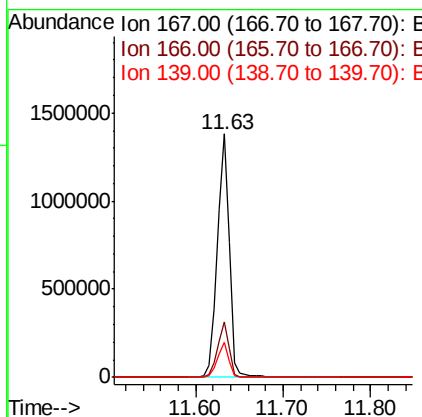
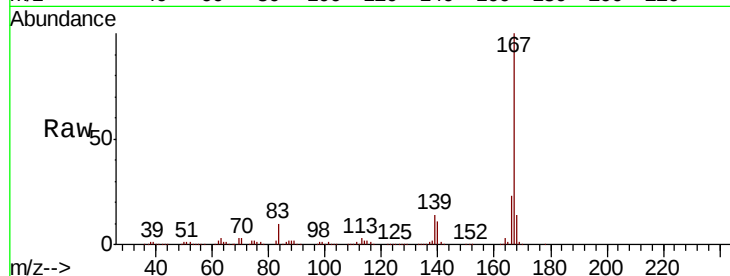




#73  
 Carbazole  
 Concen: 41.602 ng  
 RT: 11.63 min Scan# 1623  
 Delta R.T. -0.01 min  
 Lab File: BF115596.D  
 Acq: 16 Jul 2019 14:42

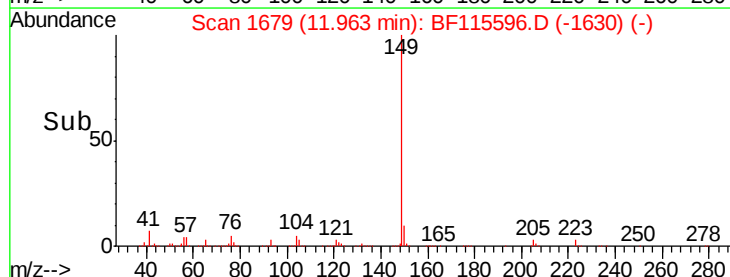
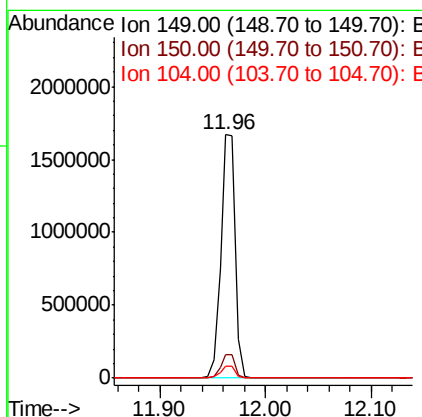
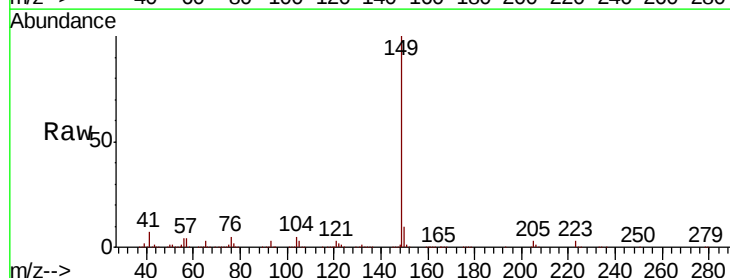
Instrument :  
 BNA\_F  
 ClientSampleId :

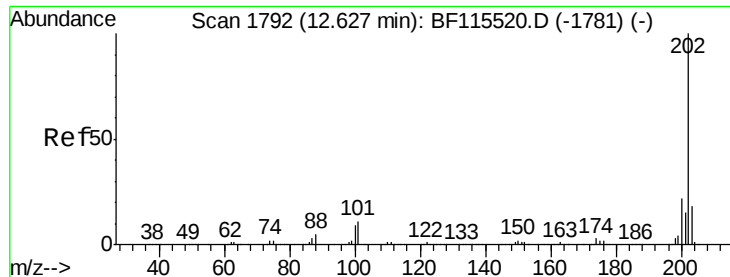
Tot Ion:167 Resp: 1321698  
 Ion Ratio Lower Upper  
 167 100  
 166 22.7 18.1 27.1  
 139 14.2 11.3 16.9



#74  
 Di-n-butylphthalate  
 Concen: 40.746 ng  
 RT: 11.96 min Scan# 1679  
 Delta R.T. -0.01 min  
 Lab File: BF115596.D  
 Acq: 16 Jul 2019 14:42

Tgt Ion:149 Resp: 1594541  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.7 11.5  
 104 5.2 3.8 5.8





#75

Fluoranthene

Concen: 40.820 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Instrument :

BNA\_F

ClientSampleId :

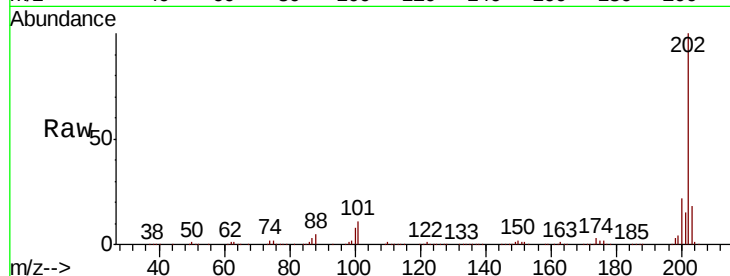
Tot Ion:202 Resp: 1512166

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.4

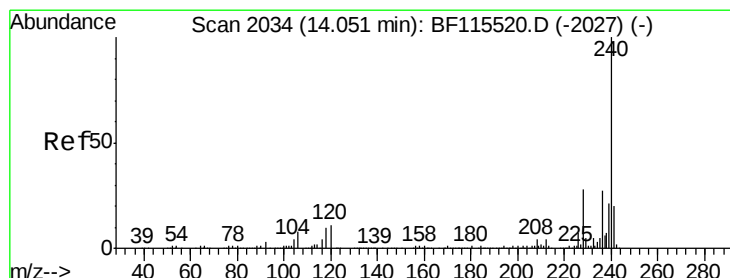
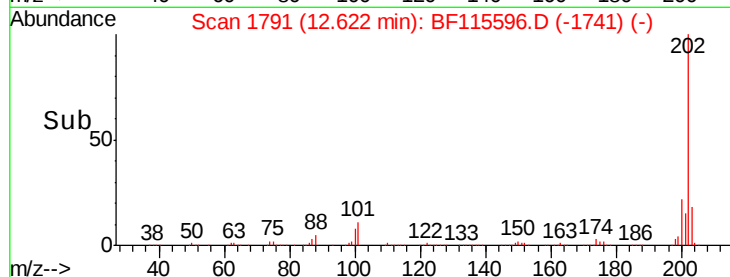
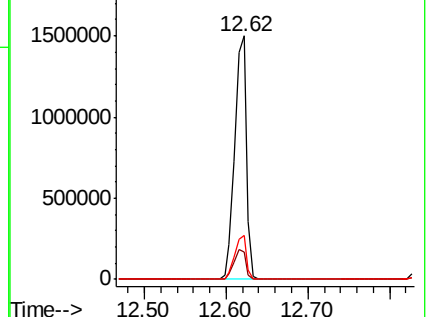
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

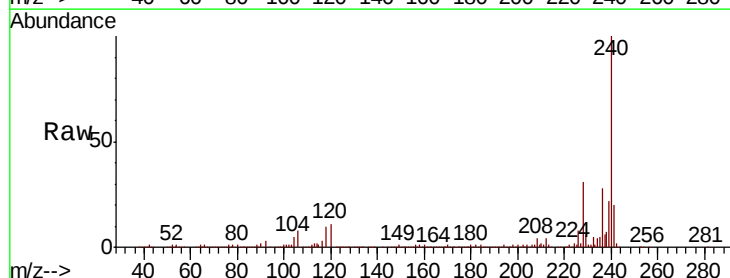
Tgt Ion:240 Resp: 448628

Ion Ratio Lower Upper

240 100

120 11.3 8.6 13.0

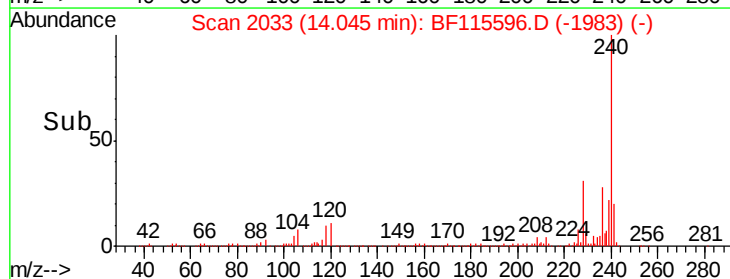
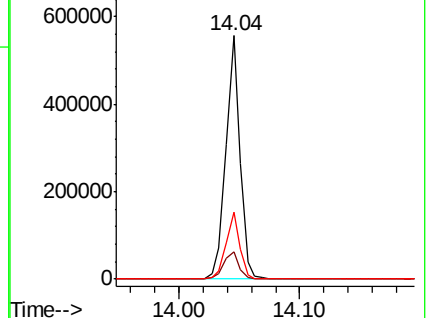
236 27.5 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.315 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Instrument :

BNA\_F

ClientSampleId :

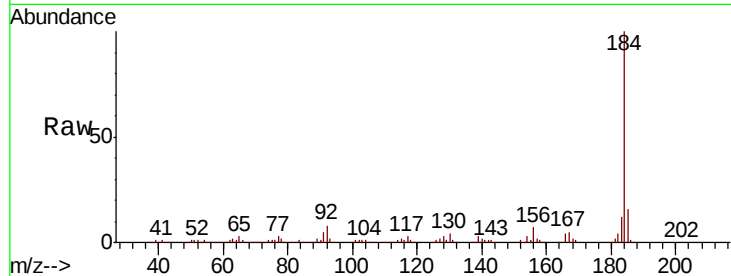
Tot Ion:184 Resp: 656616

Ion Ratio Lower Upper

184 100

185 15.6 12.0 18.0

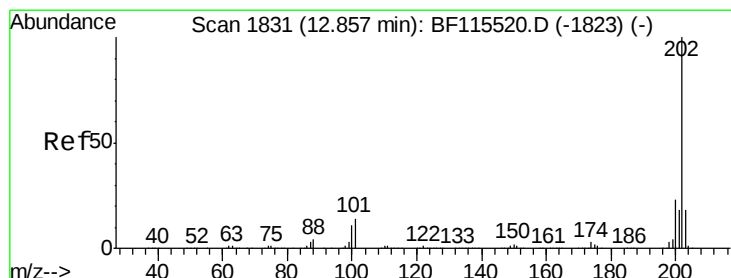
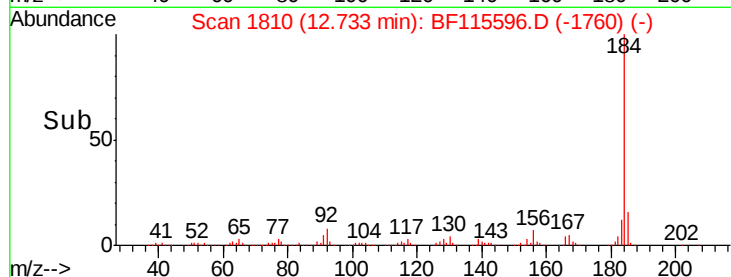
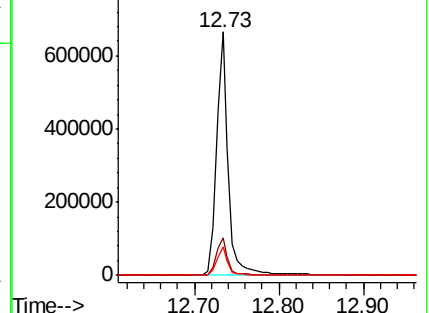
183 11.7 9.3 13.9



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: 40.368 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

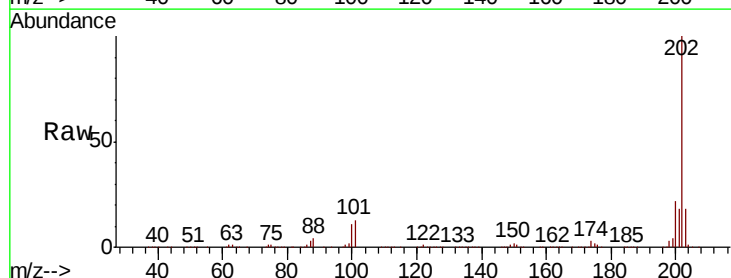
Tgt Ion:202 Resp: 1534353

Ion Ratio Lower Upper

202 100

200 22.1 18.7 28.1

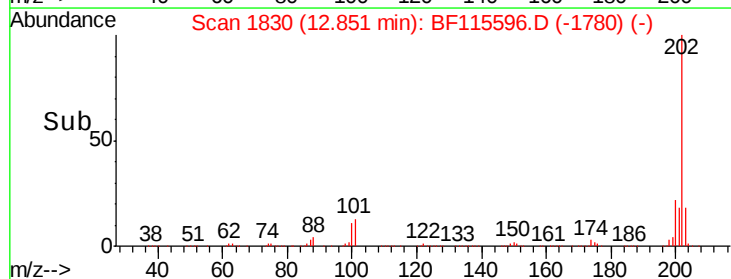
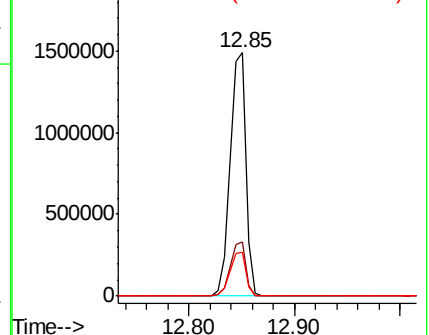
203 18.1 15.2 22.8

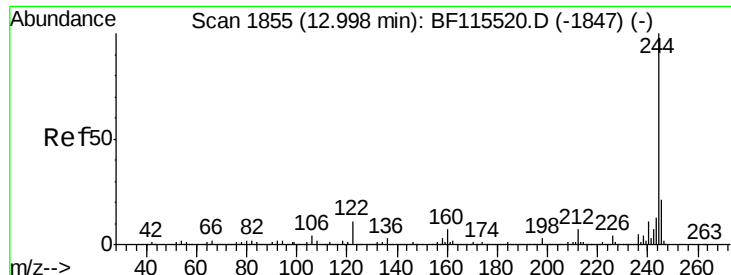


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.360 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Instrument :

BNA\_F

ClientSampleId :

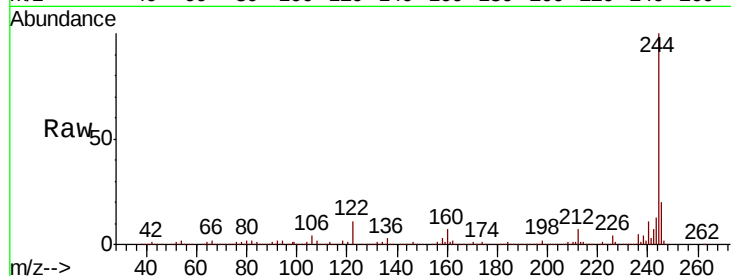
Tot Ion:244 Resp: 1929541

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

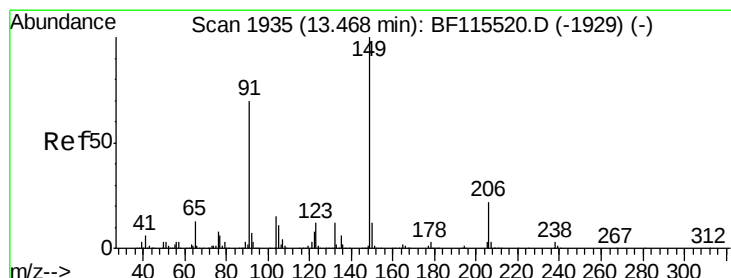
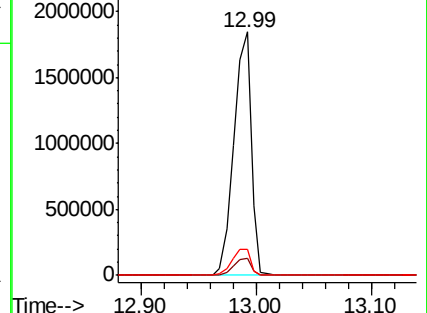
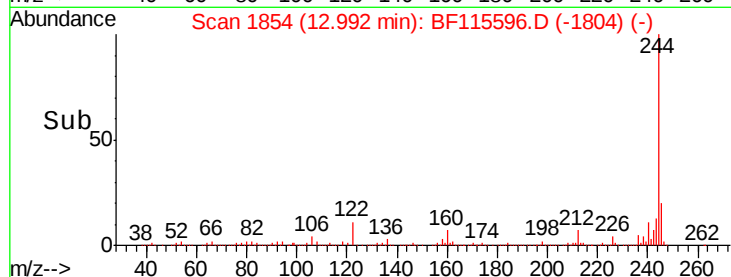
122 10.8 8.6 12.8



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: 41.237 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

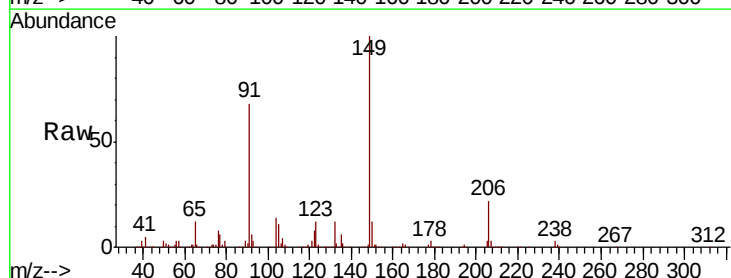
Tgt Ion:149 Resp: 668181

Ion Ratio Lower Upper

149 100

91 67.7 55.8 83.8

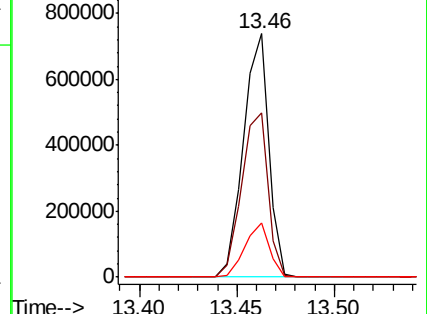
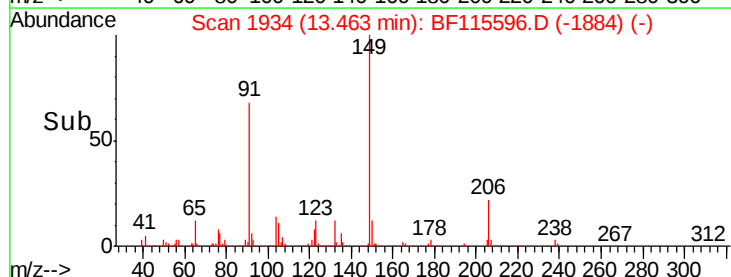
206 22.4 18.2 27.2

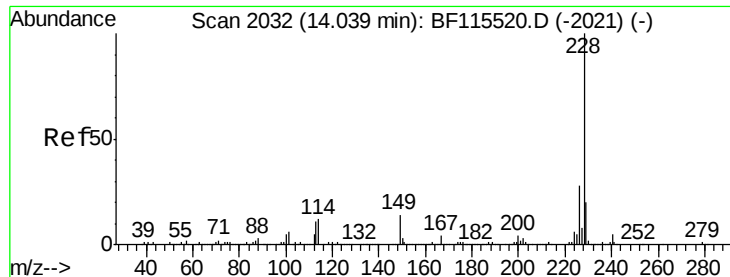


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.763 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

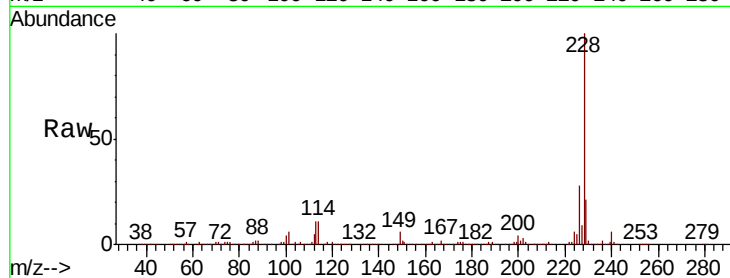
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:228 Resp: 1234330

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.3  | 23.4  | 35.0  |
| 229 | 20.6  | 17.2  | 25.8  |

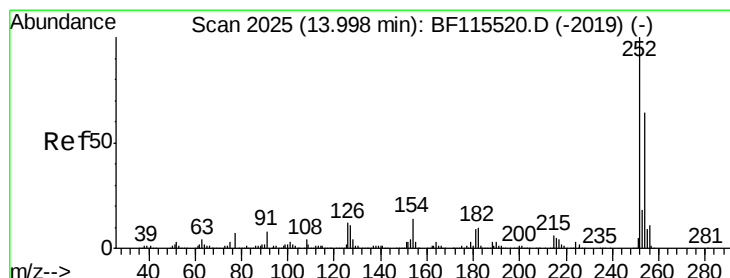
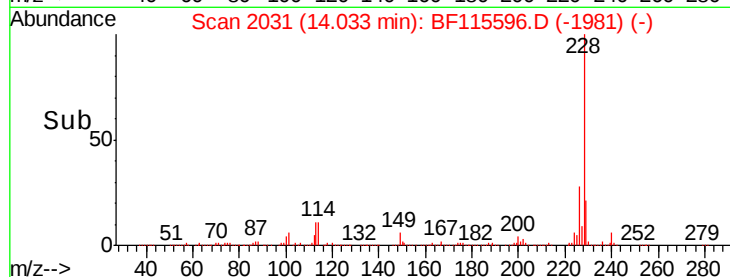
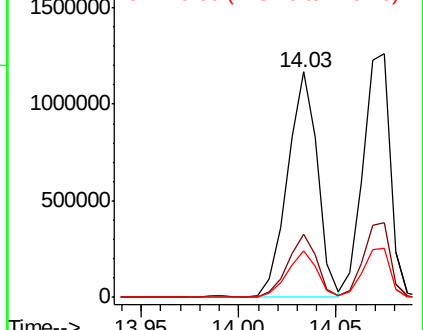


Abundance

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: 44.161 ng

RT: 13.99 min Scan# 2024

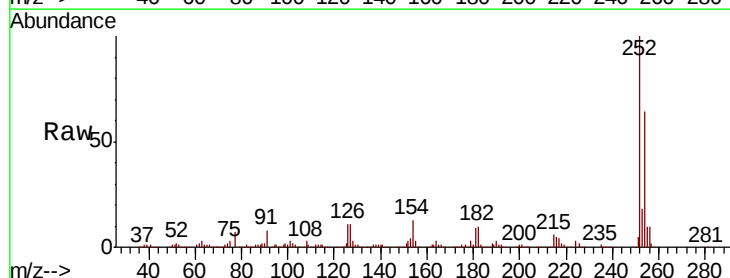
Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Tgt Ion:252 Resp: 463997

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.5  | 52.9  | 79.3  |
| 126 | 11.2  | 9.9   | 14.9  |

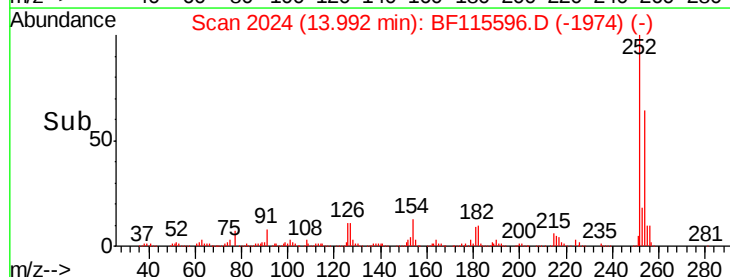
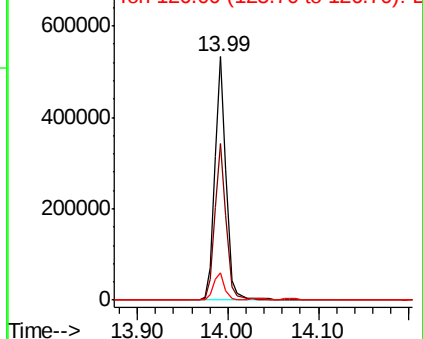


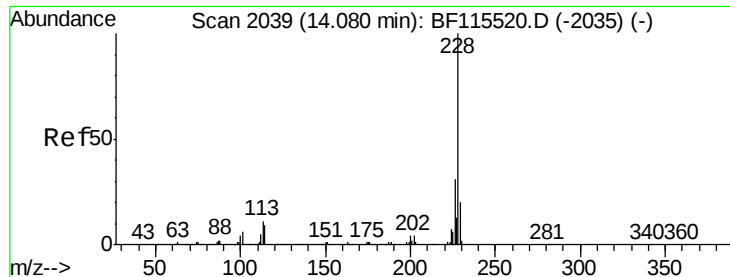
Abundance

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

Chrvsene

Concen: 41.714 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Instrument :

BNA\_F

ClientSampleId :

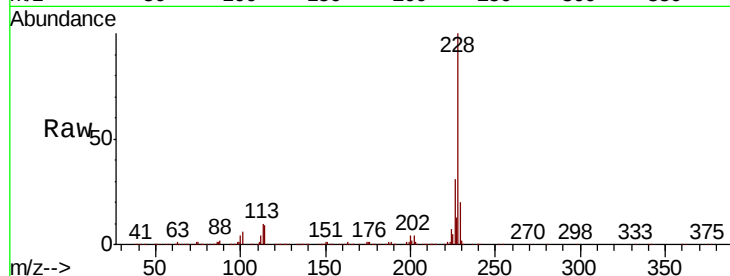
Tot Ion:228 Resp: 1237651

Ion Ratio Lower Upper

228 100

226 30.7 25.7 38.5

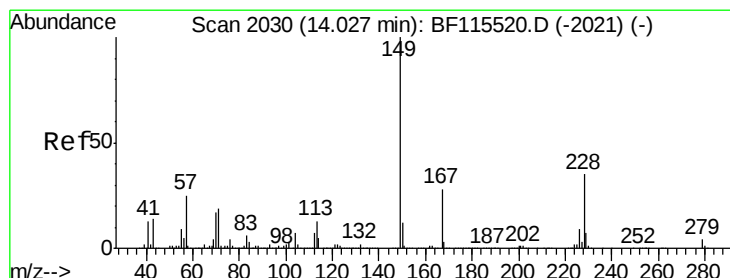
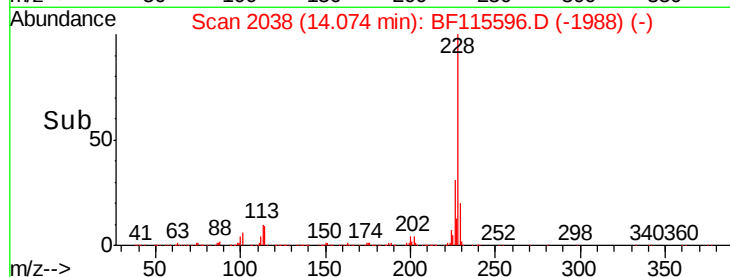
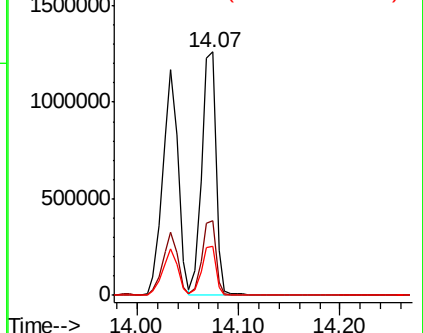
229 20.2 16.6 25.0



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: 42.825 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

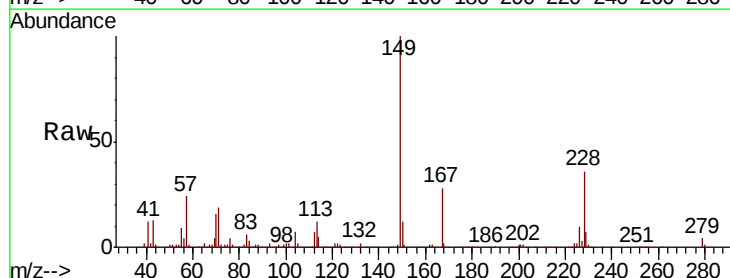
Tgt Ion:149 Resp: 859532

Ion Ratio Lower Upper

149 100

167 28.5 23.0 34.4

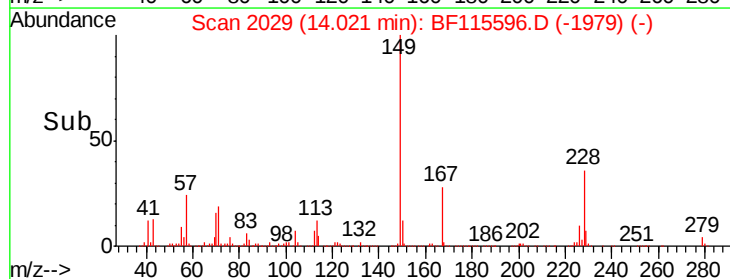
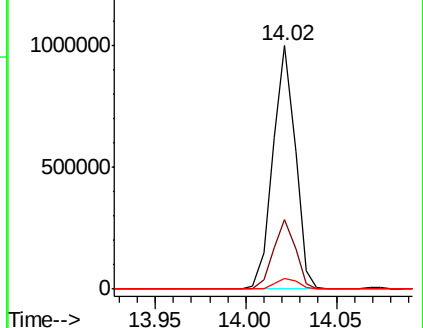
279 4.4 4.2 6.2

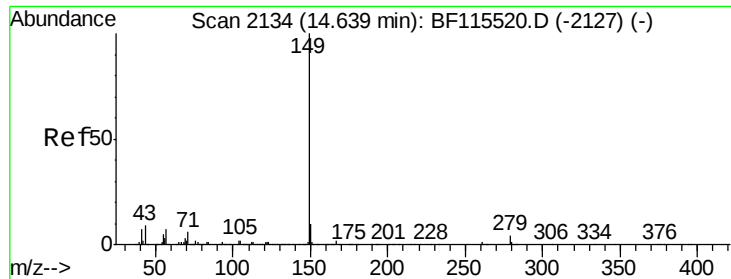


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.446 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Instrument :

BNA\_F

ClientSampleId :

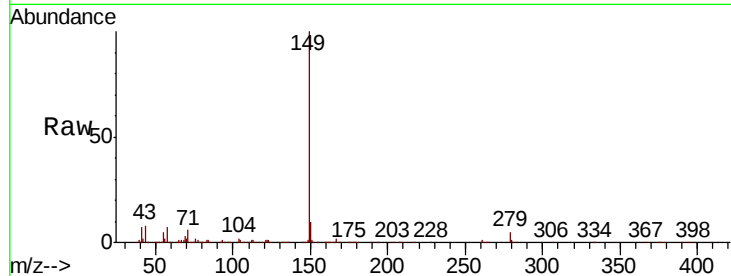
Tot Ion:149 Resp: 1387429

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

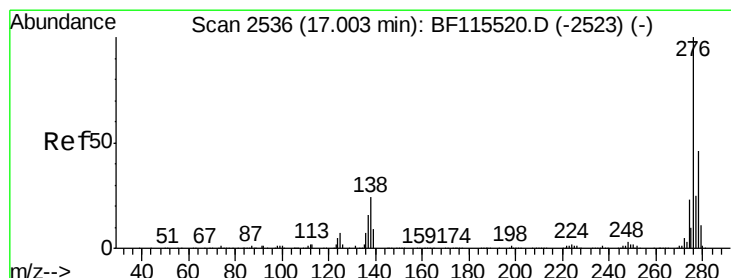
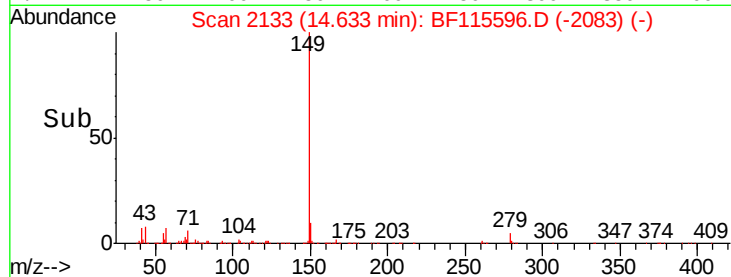
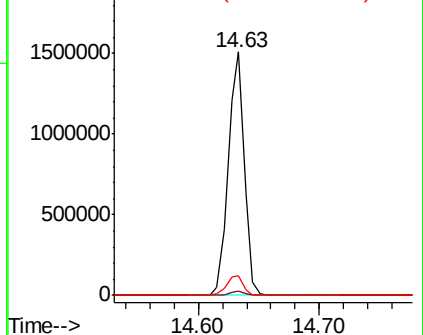
43 8.5 7.2 10.8



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: 38.296 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

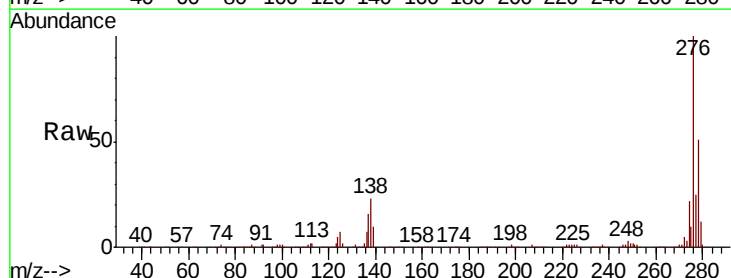
Tgt Ion:276 Resp: 965321

Ion Ratio Lower Upper

276 100

138 24.9 20.2 30.2

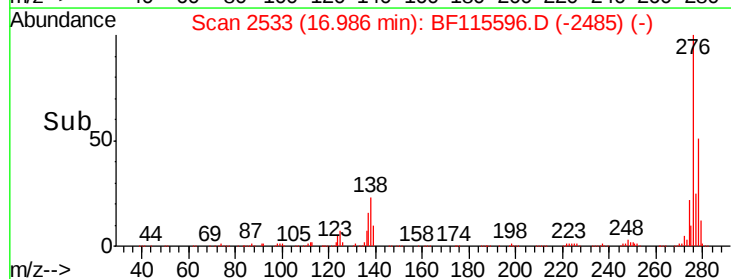
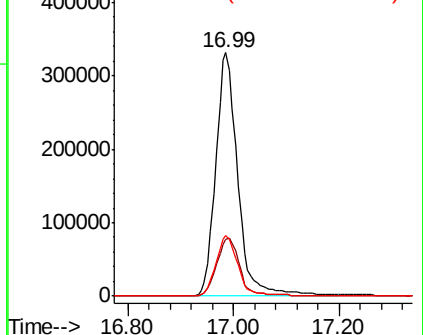
277 24.9 20.4 30.6

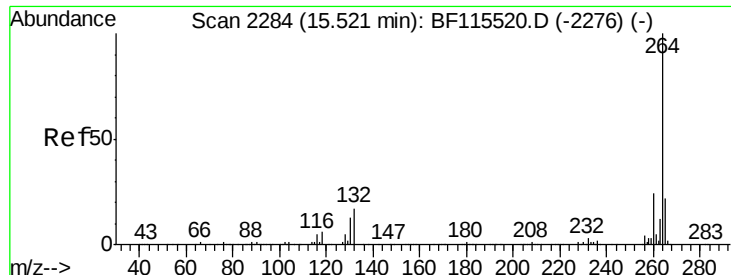


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

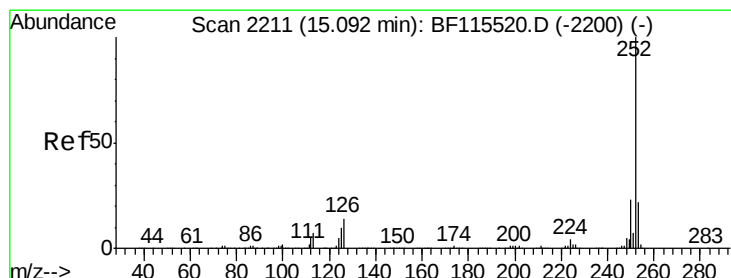
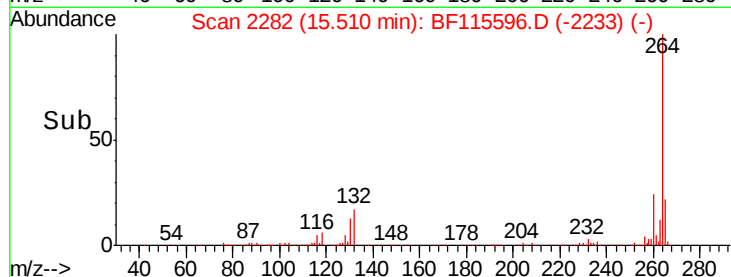
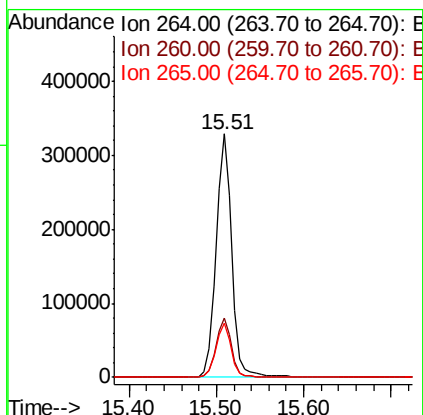
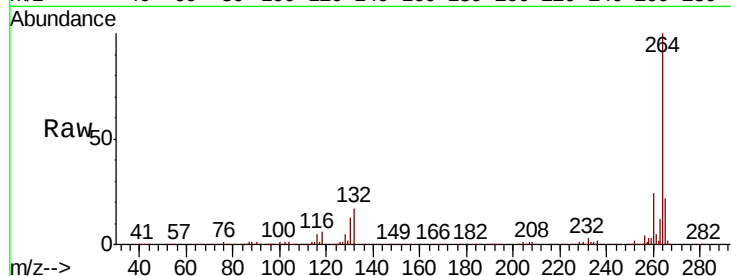




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.51 min Scan# 2282  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

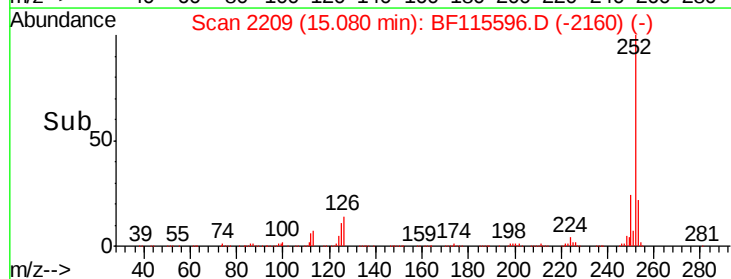
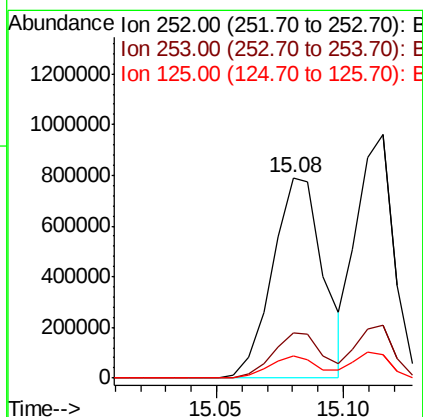
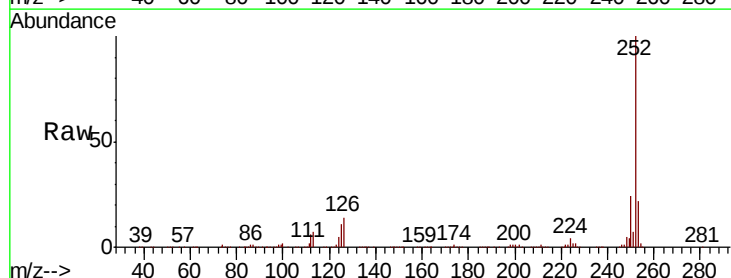
Instrument :  
BNA\_F  
ClientSampleId :

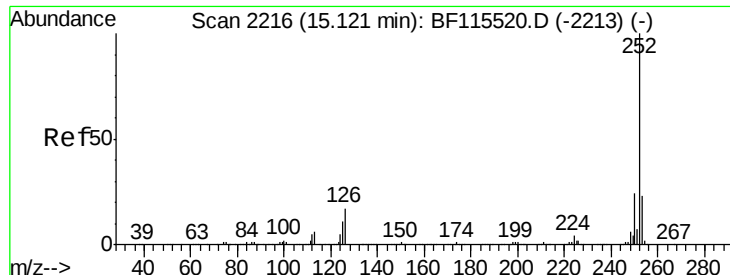
Tot Ion:264 Resp: 410818  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.8 29.8  
265 22.0 17.7 26.5



#88  
Benzo(b)fluoranthene  
Concen: 41.867 ng  
RT: 15.08 min Scan# 2209  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Tgt Ion:252 Resp: 1107534  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.1 27.1  
125 10.8 9.0 13.4

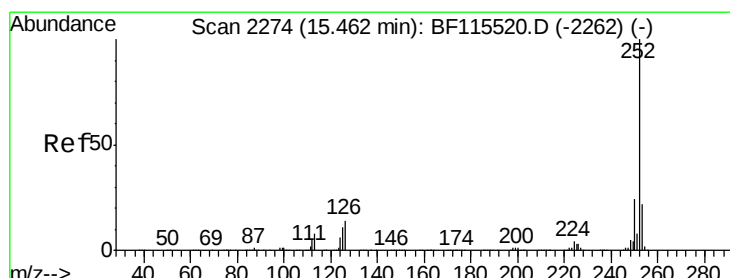
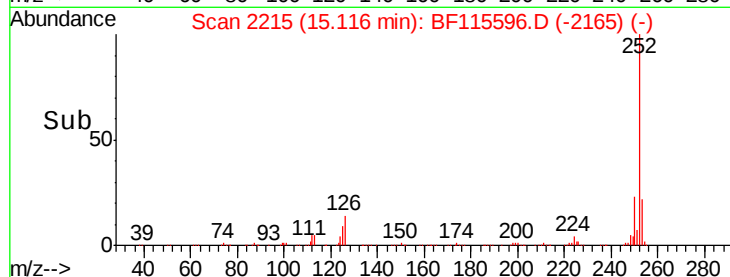
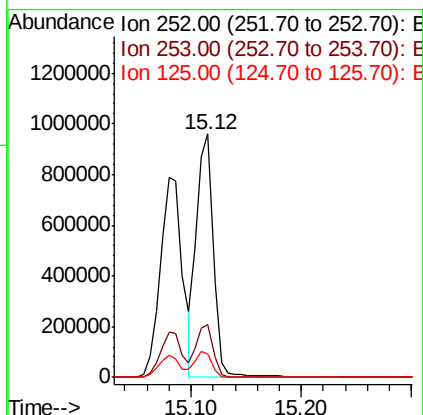
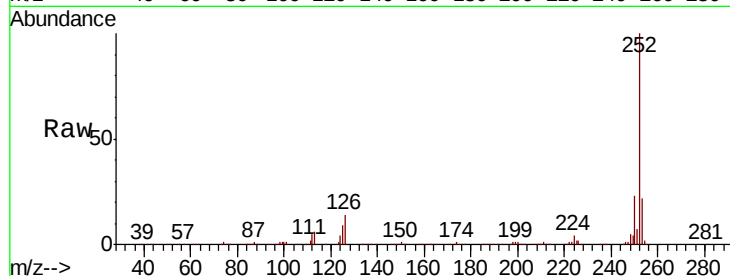




#89  
Benzo(k)fluoranthene  
Concen: 42.355 ng  
RT: 15.12 min Scan# 2215  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

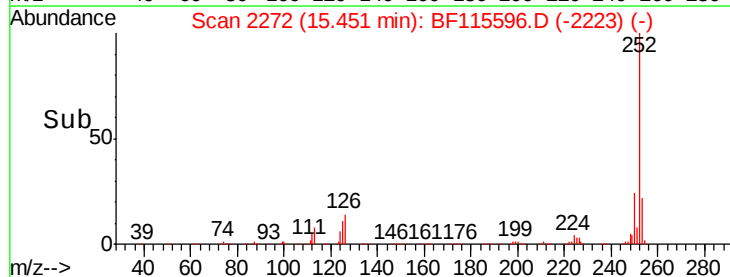
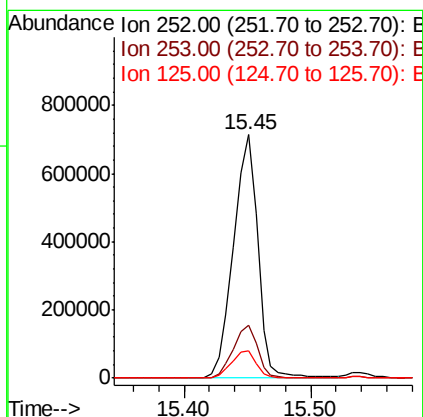
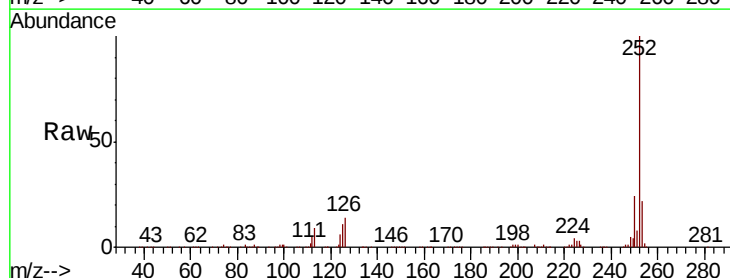
Instrument :  
BNA\_F  
ClientSampleId :

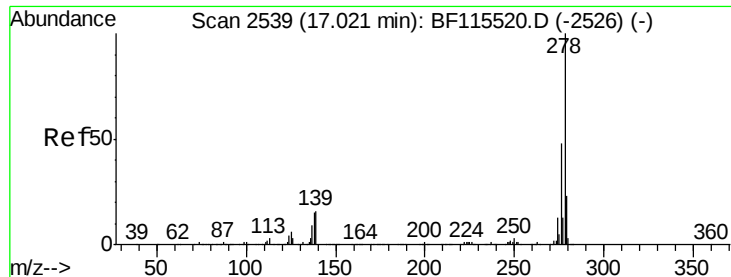
Tot Ion:252 Resp: 998927  
Ion Ratio Lower Upper  
252 100  
253 21.7 18.6 28.0  
125 9.4 9.0 13.6



#90  
Benzo(a)pyrene  
Concen: 41.561 ng  
RT: 15.45 min Scan# 2272  
Delta R.T. -0.01 min  
Lab File: BF115596.D  
Acq: 16 Jul 2019 14:42

Tgt Ion:252 Resp: 944955  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.6  
125 11.3 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 39.671 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

Instrument :

BNA\_F

ClientSampleId :

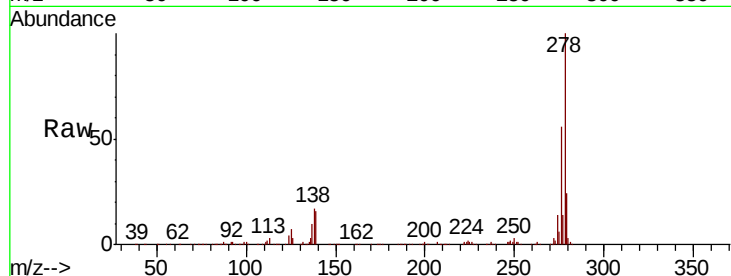
Tot Ion:278 Resp: 791842

Ion Ratio Lower Upper

278 100

139 15.5 13.1 19.7

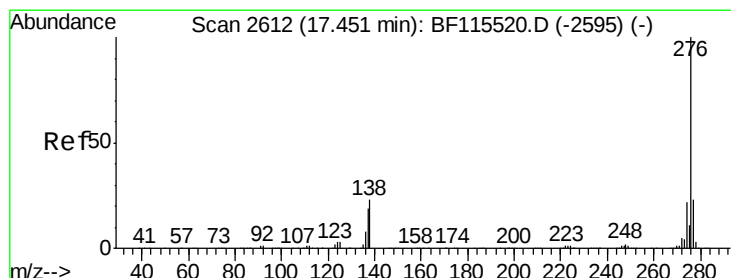
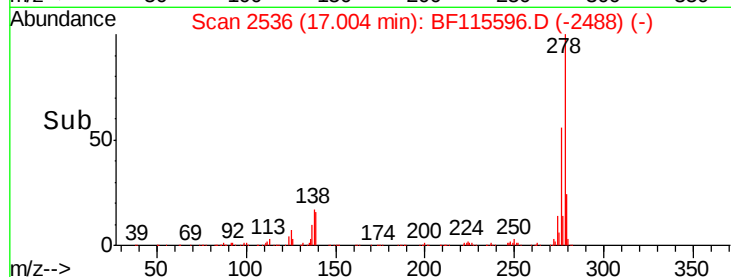
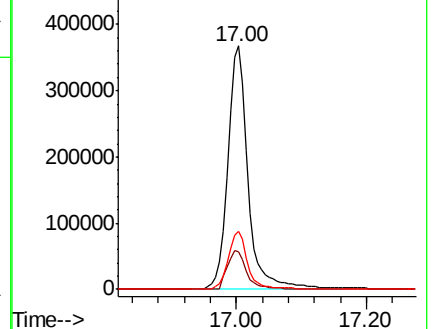
279 23.7 19.6 29.4



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: 36.337 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BF115596.D

Acq: 16 Jul 2019 14:42

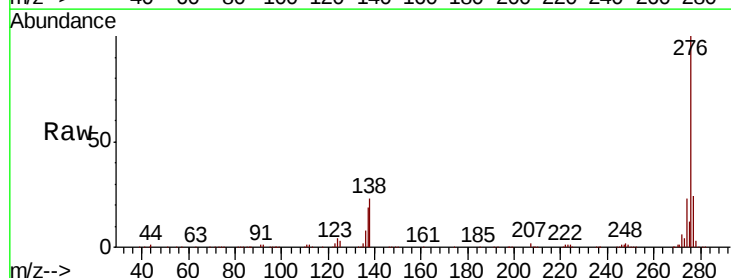
Tgt Ion:276 Resp: 723352

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 23.1 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

