

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081820\  
 Data File : BF121322.D  
 Acq On : 18 Aug 2020 13:05  
 Operator : JU/CG  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Quant Time: Aug 18 13:44:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 18 12:15:32 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 93874    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.98  | 136  | 340321   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.74  | 164  | 182149   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.22 | 188  | 358629   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.86 | 240  | 280319   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.27 | 264  | 321476   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.30  | 112 | 806409  | 130.24 | ng | 0.00 |
| 7) Phenol-d6             | 6.35  | 99  | 1025259 | 128.49 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.27  | 82  | 877151  | 140.86 | ng | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.53 | 330 | 315127  | 140.52 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.06  | 172 | 1428905 | 108.52 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.81 | 244 | 1713392 | 119.15 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |         |    | Qvalue |
|--------------------------------|------|-----|---------|---------|----|--------|
| 2) 1,4-Dioxane                 | 2.25 | 88  | 189824  | 72.038  | ng | 99     |
| 3) Pyridine                    | 2.96 | 79  | 504158  | 73.499  | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.92 | 42  | 209077  | 74.424  | ng | 97     |
| 6) Aniline                     | 6.36 | 93  | 589739  | 62.347  | ng | # 62   |
| 8) 2-Chlorophenol              | 6.49 | 128 | 426257  | 62.604  | ng | 98     |
| 9) Benzaldehyde                | 6.25 | 77  | 287628  | 69.949  | ng | 97     |
| 10) Phenol                     | 6.36 | 94  | 501310  | 57.916  | ng | 87     |
| 11) bis(2-Chloroethyl)ether    | 6.44 | 93  | 429967  | 68.818  | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.64 | 146 | 472196  | 65.635  | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146 | 477129  | 65.616  | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.87 | 146 | 434629  | 63.331  | ng | 96     |
| 15) Benzyl Alcohol             | 6.85 | 79  | 308223  | 57.666  | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.98 | 45  | 631533  | 70.195  | ng | 94     |
| 17) 2-Methylphenol             | 6.97 | 107 | 351089  | 65.279  | ng | 96     |
| 18) Hexachloroethane           | 7.21 | 117 | 180798  | 70.310  | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.13 | 70  | 268214  | 60.499  | ng | 99     |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 382674  | 56.081  | ng | 90     |
| 22) Acetophenone               | 7.12 | 105 | 554623  | 63.274  | ng | # 98   |
| 24) Nitrobenzene               | 7.29 | 77  | 456761  | 67.601  | ng | 96     |
| 25) Isophorone                 | 7.53 | 82  | 829597  | 66.356  | ng | 99     |
| 26) 2-Nitrophenol              | 7.60 | 139 | 244664  | 74.734  | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.65 | 122 | 335958  | 64.049  | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.74 | 93  | 551900  | 78.924  | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.85 | 162 | 367243  | 68.466  | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.93 | 180 | 405465  | 68.489  | ng | 99     |
| 31) Naphthalene                | 8.00 | 128 | 1202608 | 62.811  | ng | 99     |
| 32) Benzoic acid               | 7.80 | 122 | 280535  | 111.668 | ng | 97     |
| 33) 4-Chloroaniline            | 8.06 | 127 | 559826  | 71.648  | ng | 99     |
| 34) Hexachlorobutadiene        | 8.12 | 225 | 242740  | 67.767  | ng | 98     |
| 35) Caprolactam                | 8.45 | 113 | 128459  | 79.510  | ng | 100    |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107 | 376819  | 68.856  | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.70 | 142 | 797051  | 63.262  | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.80 | 142 | 754062  | 63.210  | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.86 | 216 | 390261  | 63.943  | ng | 99     |

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 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

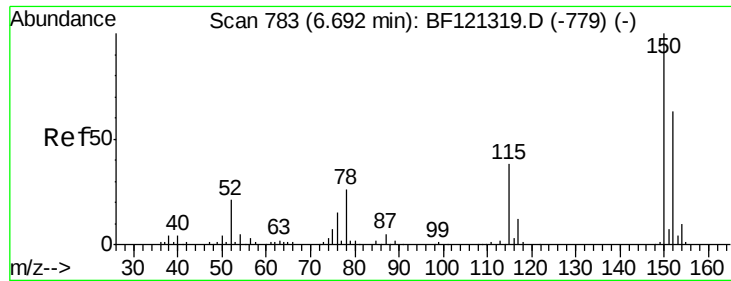
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Quant Time: Aug 18 13:44:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 18 12:15:32 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.85  | 237  | 163099   | 123.059 | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 8.98  | 196  | 274034   | 70.599  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.03  | 196  | 283831   | 67.322  | nq    | 97       |
| 46) 1,1'-Biphenyl              | 9.16  | 154  | 956051   | 60.745  | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.19  | 162  | 795727   | 65.679  | nq    | 99       |
| 48) 2-Nitroaniline             | 9.29  | 65   | 264307   | 77.613  | nq    | 95       |
| 49) Acenaphthylene             | 9.60  | 152  | 1167074  | 60.650  | nq    | 99       |
| 50) Dimethylphthalate          | 9.47  | 163  | 981623   | 71.618  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.53  | 165  | 213985   | 70.036  | nq    | 93       |
| 52) Acenaphthene               | 9.77  | 154  | 722992   | 63.459  | nq    | 99       |
| 53) 3-Nitroaniline             | 9.70  | 138  | 271438   | 77.808  | nq    | 90       |
| 54) 2,4-Dinitrophenol          | 9.82  | 184  | 126304   | 139.652 | nq    | 97       |
| 55) Dibenzofuran               | 9.95  | 168  | 1020988  | 56.274  | nq    | 99       |
| 56) 4-Nitrophenol              | 9.87  | 139  | 178916   | 79.471  | nq    | 95       |
| 57) 2,4-Dinitrotoluene         | 9.94  | 165  | 256521   | 63.975  | nq    | 92       |
| 58) Fluorene                   | 10.29 | 166  | 769428   | 56.025  | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.07 | 232  | 245669   | 73.699  | nq    | 98       |
| 60) Diethylphthalate           | 10.17 | 149  | 965217   | 69.251  | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.28 | 204  | 393325   | 58.885  | nq    | 95       |
| 62) 4-Nitroaniline             | 10.32 | 138  | 286298   | 81.854  | nq    | 99       |
| 63) Azobenzene                 | 10.44 | 77   | 883956   | 63.473  | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.35 | 198  | 161448   | 81.261  | nq    | 83       |
| 66) n-Nitrosodiphenylamine     | 10.40 | 169  | 774558   | 62.988  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.77 | 248  | 289382   | 69.176  | nq    | 94       |
| 68) Hexachlorobenzene          | 10.84 | 284  | 324184   | 67.959  | nq    | 98       |
| 69) Atrazine                   | 10.94 | 200  | 261542   | 71.107  | nq    | 99       |
| 70) Pentachlorophenol          | 11.03 | 266  | 175730   | 99.969  | nq    | 98       |
| 71) Phenanthrene               | 11.25 | 178  | 1233968  | 60.144  | nq    | 100      |
| 72) Anthracene                 | 11.30 | 178  | 1249473  | 60.687  | nq    | 99       |
| 73) Carbazole                  | 11.46 | 167  | 1226487  | 60.911  | nq    | 98       |
| 74) Di-n-butylphthalate        | 11.79 | 149  | 1534283  | 67.507  | nq    | 99       |
| 75) Fluoranthene               | 12.43 | 202  | 1402043  | 61.370  | nq    | 98       |
| 77) Benzidine                  | 12.56 | 184  | 580928   | 78.831  | nq    | 99       |
| 78) Pyrene                     | 12.66 | 202  | 1439604  | 68.964  | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.29 | 149  | 693936   | 81.383  | nq    | 94       |
| 81) Benzo(a)anthracene         | 13.86 | 228  | 1117906  | 58.798  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.82 | 252  | 492978   | 65.353  | nq    | 99       |
| 83) Chrysene                   | 13.89 | 228  | 1279519  | 65.915  | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.84 | 149  | 765868   | 65.165  | nq    | 100      |
| 85) Di-n-octyl phthalate       | 14.46 | 149  | 1610043  | 74.718  | nq    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 16.64 | 276  | 1657474  | 69.346  | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 14.88 | 252  | 1473284  | 68.397  | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 14.91 | 252  | 1223055  | 61.145  | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.22 | 252  | 1304727  | 67.110  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.67 | 278  | 1304789  | 63.710  | nq    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.07 | 276  | 1364942  | 67.535  | nq    | 99       |

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



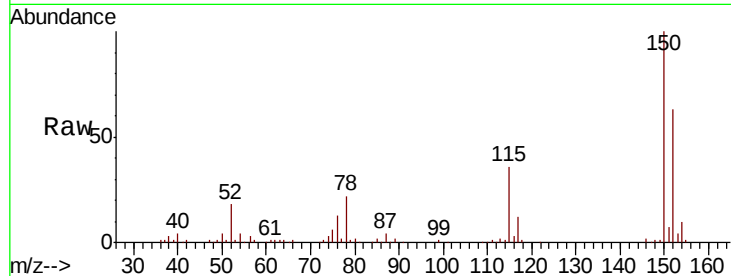


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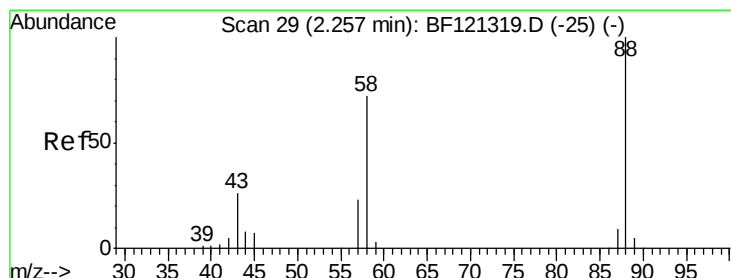
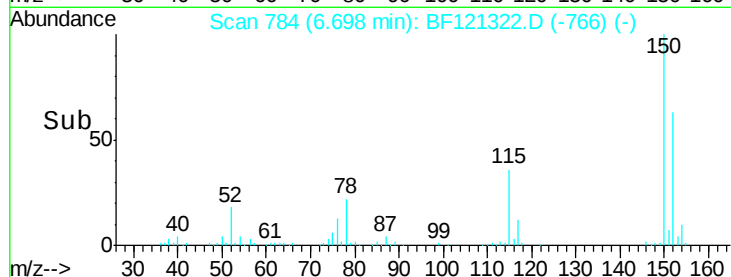
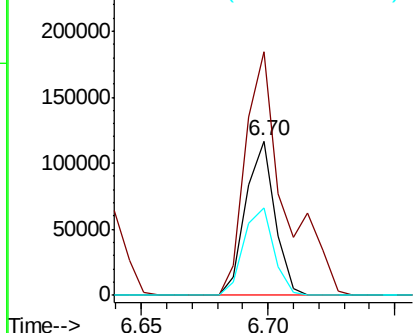
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.70 min Scan# 784  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:152 Resp: 93874  
Ion Ratio Lower Upper  
152 100  
150 157.9 127.4 191.2  
115 57.0 49.0 73.6



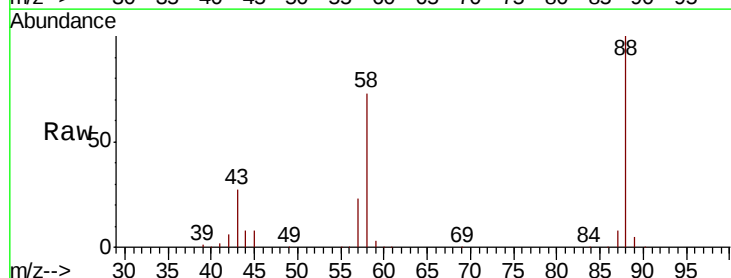
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



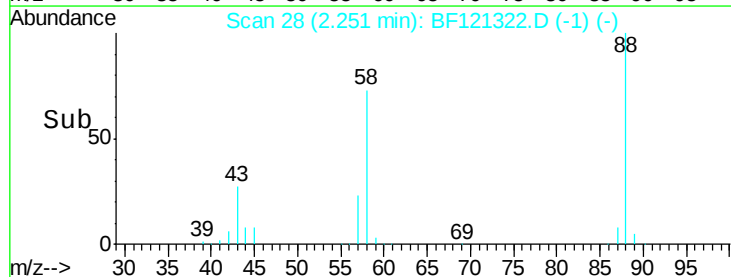
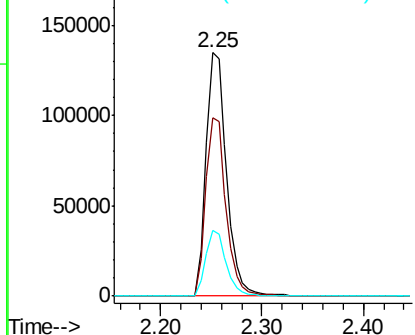
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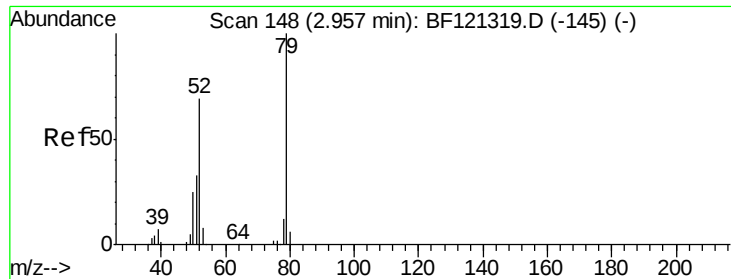
1,4-Dioxane  
Concen: 72.038 ng  
RT: 2.25 min Scan# 28  
Delta R.T. -0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

Tgt Ion: 88 Resp: 189824  
Ion Ratio Lower Upper  
88 100  
58 72.5 58.3 87.5  
43 26.8 22.0 33.0



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

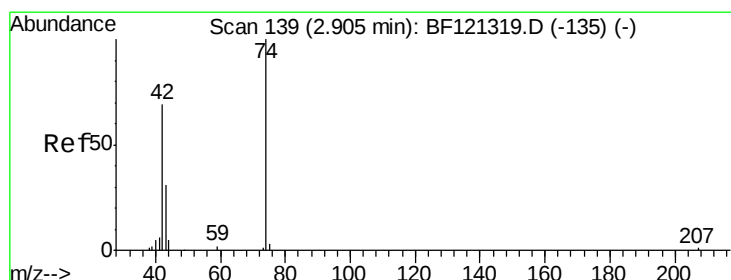
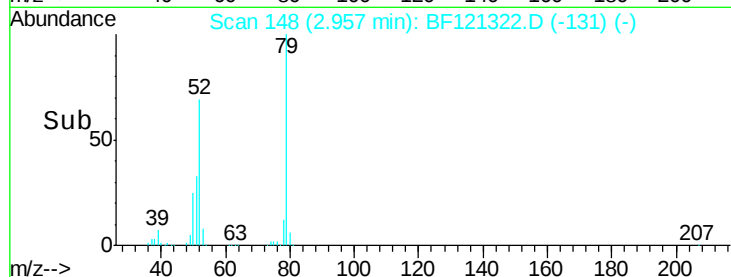
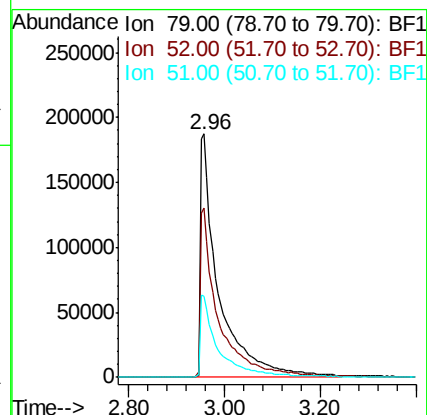
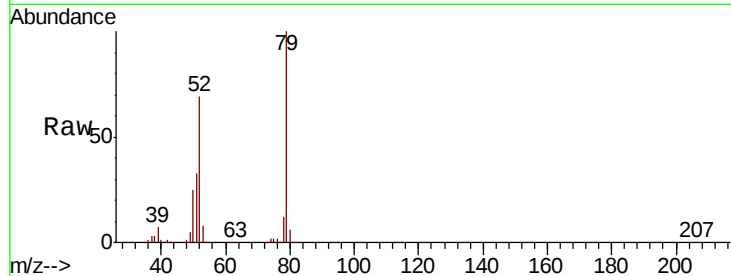




#3  
 Pvridine  
 Concen: 73.499 ng  
 RT: 2.96 min Scan# 148  
 Delta R.T. -0.00 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

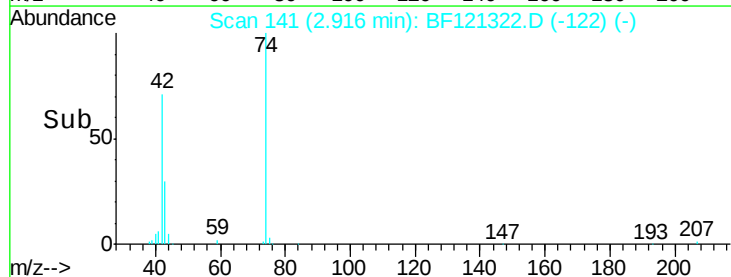
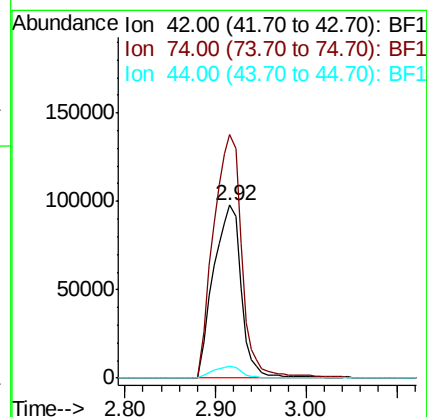
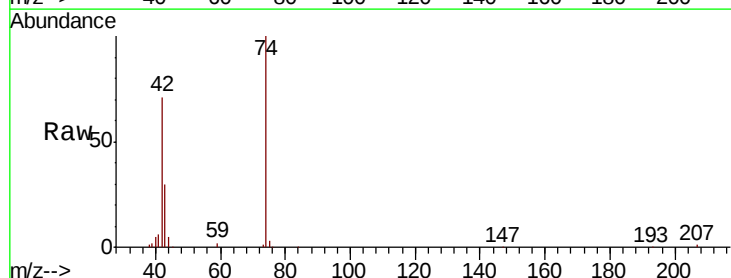
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

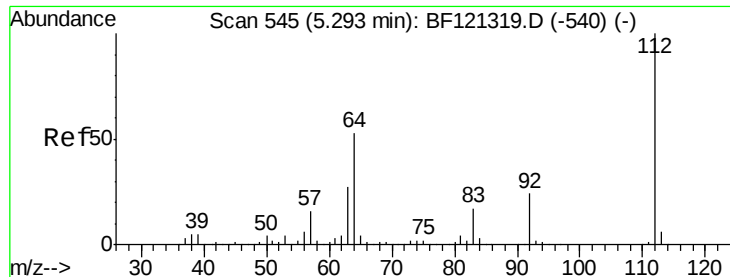
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 69.5  | 55.0  | 82.6  |
| 51      | 33.5  | 26.2  | 39.2  |



#4  
 n-Nitrosodimethylamine  
 Concen: 74.424 ng  
 RT: 2.92 min Scan# 141  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 140.7 | 115.2 | 172.8 |
| 44      | 6.9   | 5.4   | 8.2   |





#5

2-Fluorophenol

Concen: 130.235 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

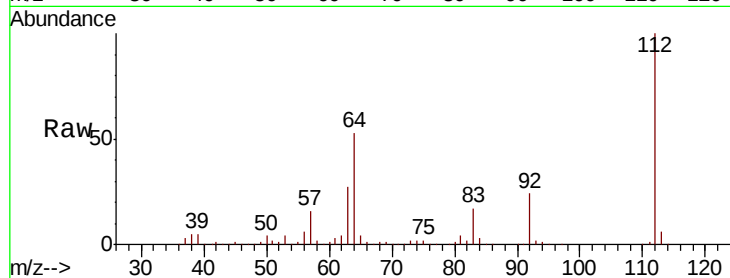
Tot Ion:112 Resp: 806409

Ion Ratio Lower Upper

112 100

64 52.5 42.6 64.0

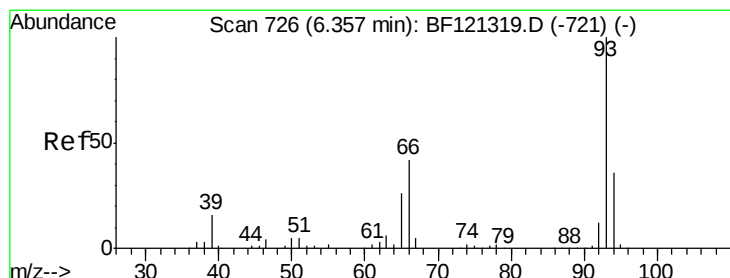
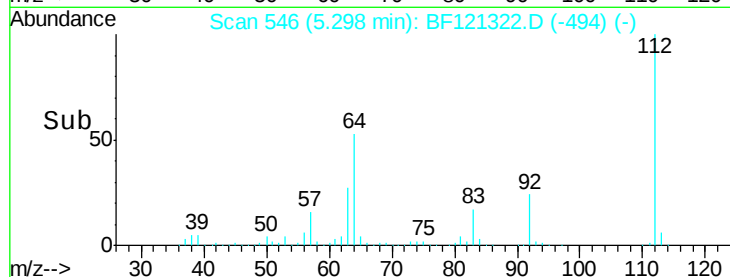
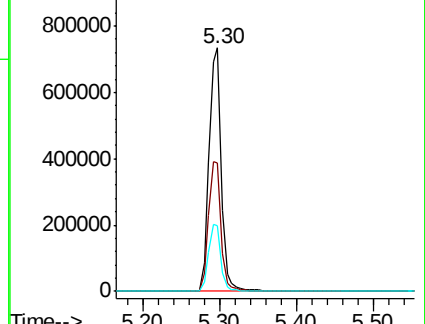
63 26.8 21.4 32.0



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: 62.347 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

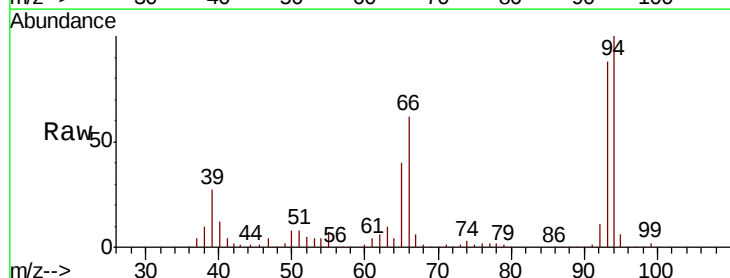
Tgt Ion: 93 Resp: 589739

Ion Ratio Lower Upper

93 100

66 70.1 36.2 54.4#

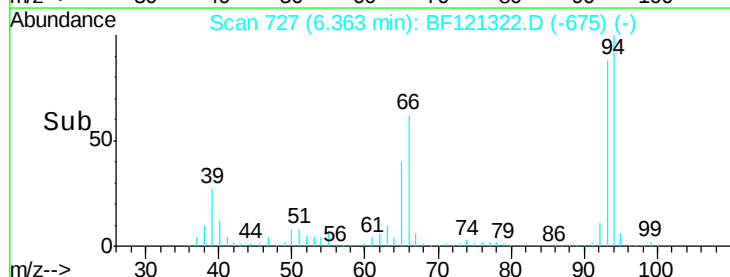
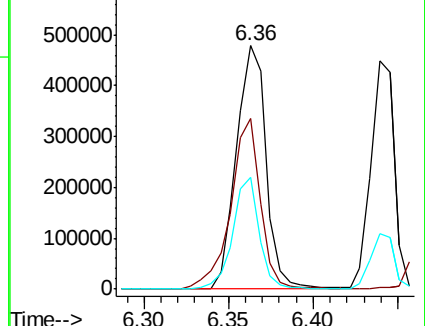
65 45.8 21.0 31.6#

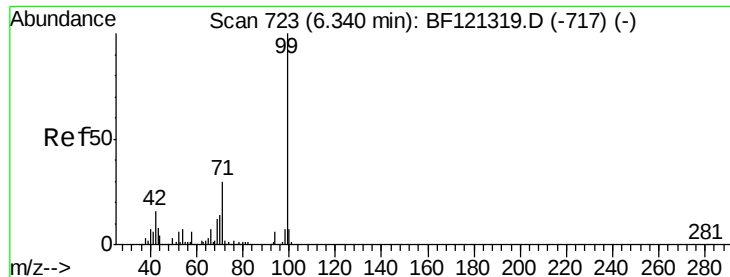


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.492 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

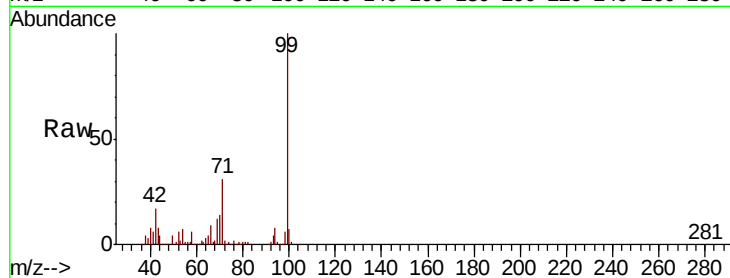
BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 1025259

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.9  | 13.2  | 19.8  |
| 71  | 31.2  | 24.0  | 36.0  |

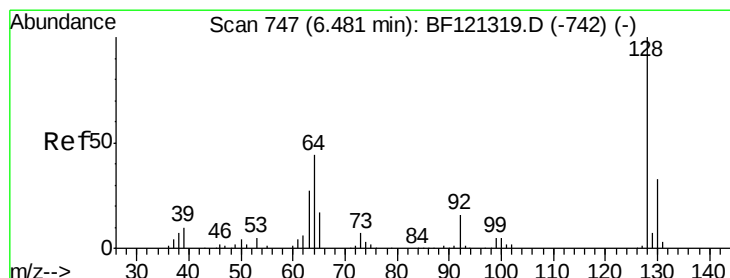
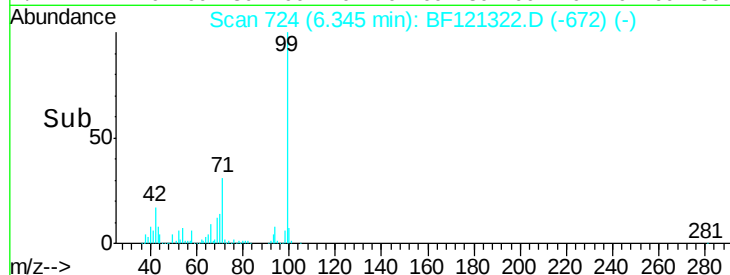
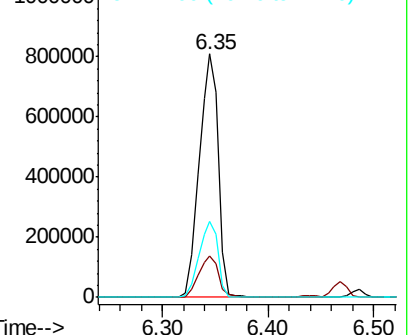


Abundance

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: 62.604 ng

RT: 6.49 min Scan# 748

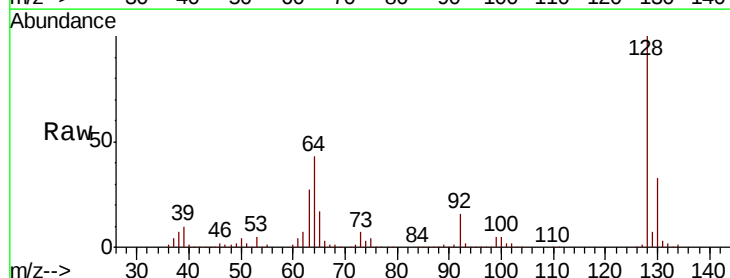
Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Tgt Ion: 128 Resp: 426257

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.1  | 12.9  | 52.9  |
| 64  | 42.7  | 24.3  | 64.3  |

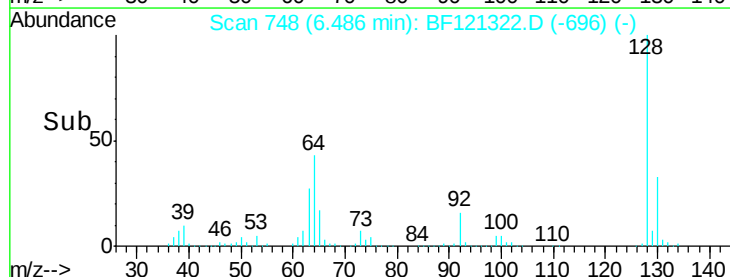
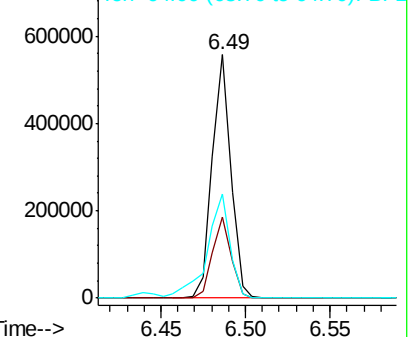


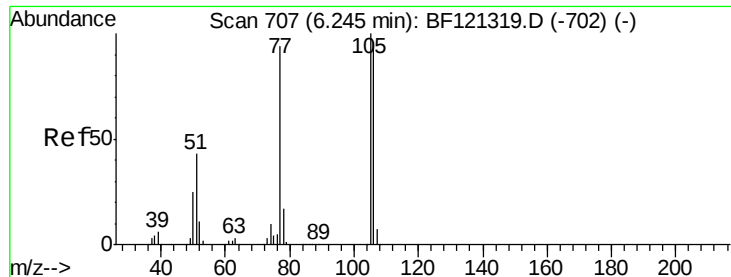
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 69.949 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

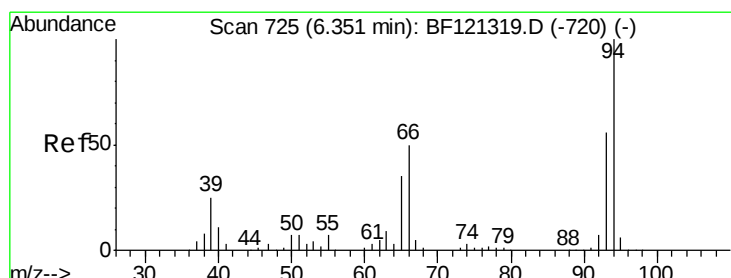
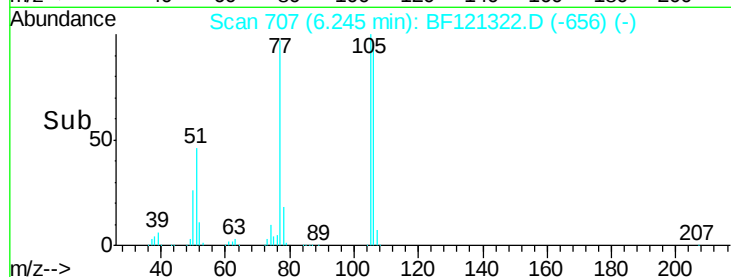
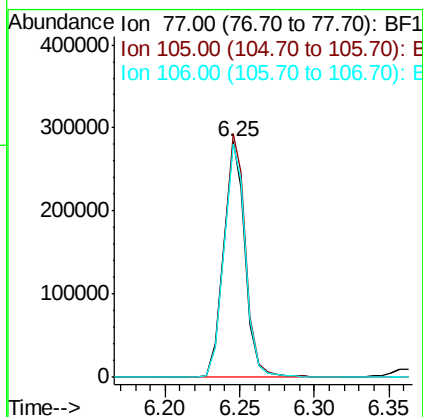
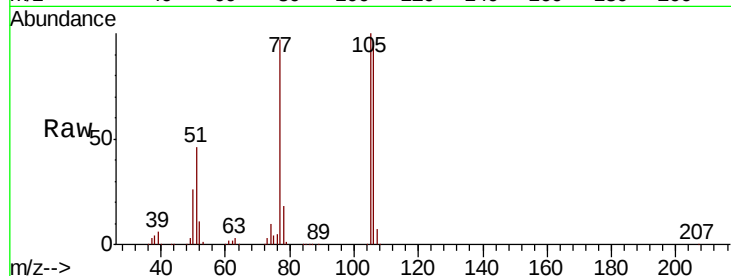
Tot Ion: 77 Resp: 287628

Ion Ratio Lower Upper

77 100

105 103.5 85.9 125.9

106 99.1 82.1 122.1



#10

Phenol

Concen: 57.916 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

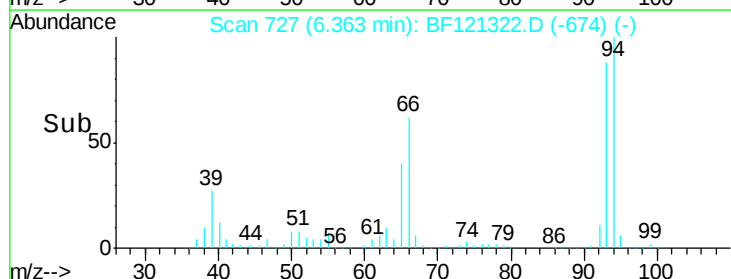
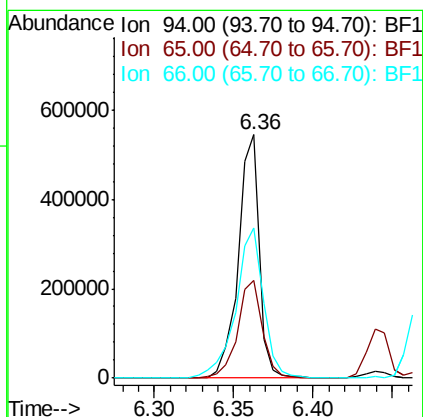
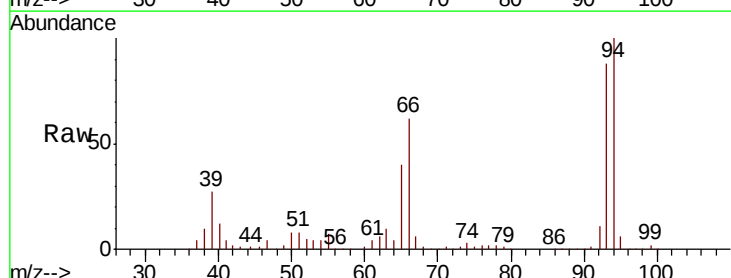
Tgt Ion: 94 Resp: 501310

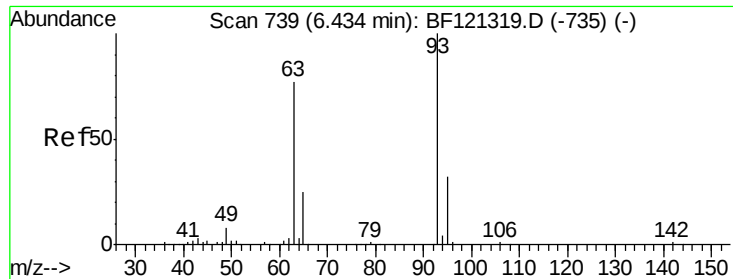
Ion Ratio Lower Upper

94 100

65 40.3 15.0 55.0

66 61.7 31.0 71.0

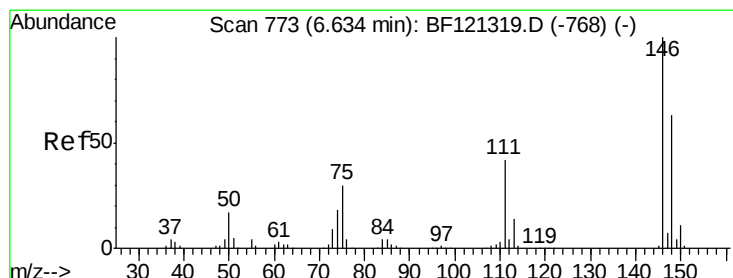
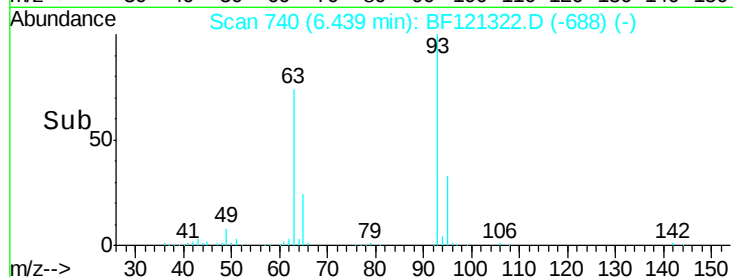
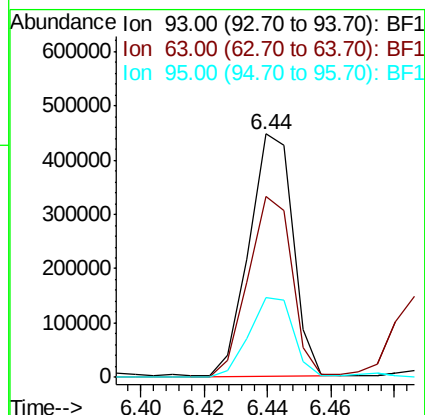
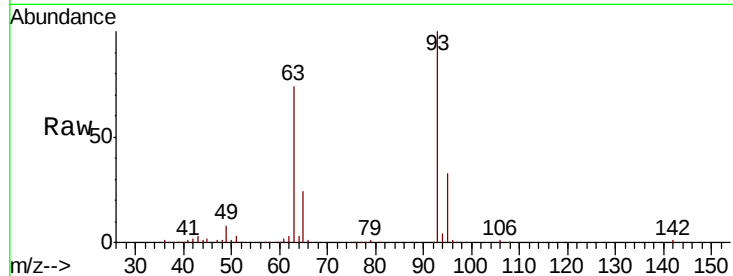




#11  
bis(2-Chloroethyl)ether  
Concen: 68.818 ng  
RT: 6.44 min Scan# 740  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

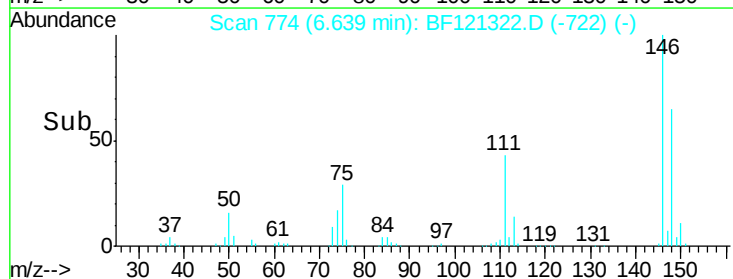
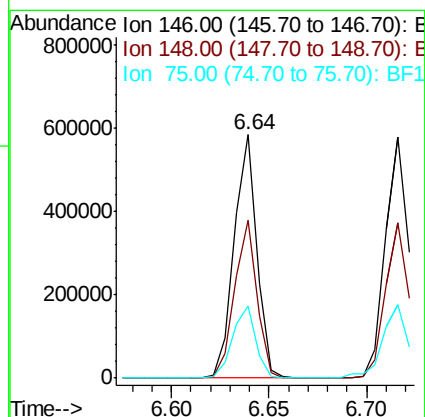
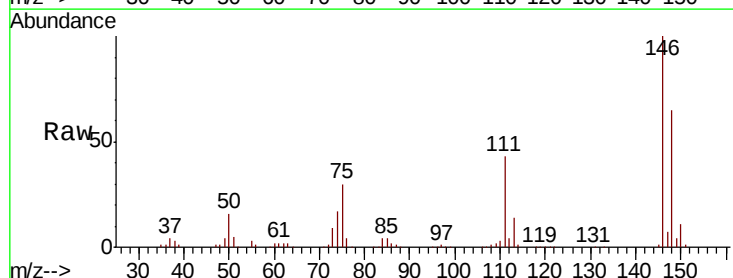
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

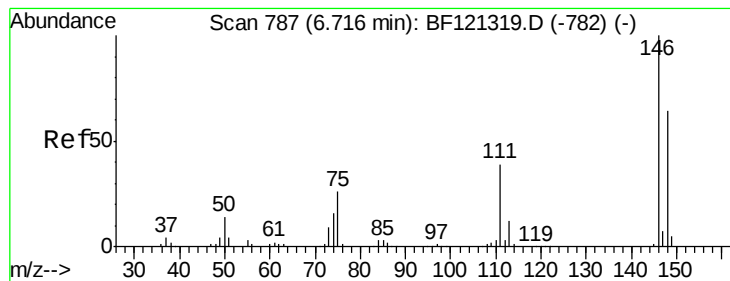
Tot Ion: 93 Resp: 429967  
Ion Ratio Lower Upper  
93 100  
63 74.1 56.8 96.8  
95 32.6 12.0 52.0



#12  
1,3-Dichlorobenzene  
Concen: 65.635 ng  
RT: 6.64 min Scan# 774  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

Tgt Ion: 146 Resp: 472196  
Ion Ratio Lower Upper  
146 100  
148 64.7 50.6 76.0  
75 29.6 24.4 36.6





#13

1,4-Dichlorobenzene

Concen: 65.616 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

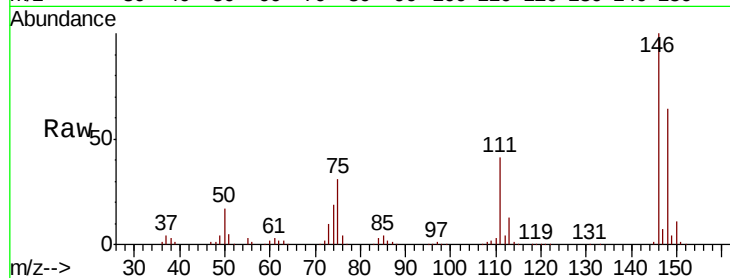
Tot Ion:146 Resp: 477129

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

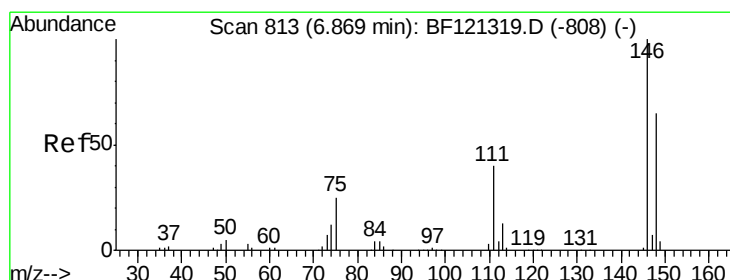
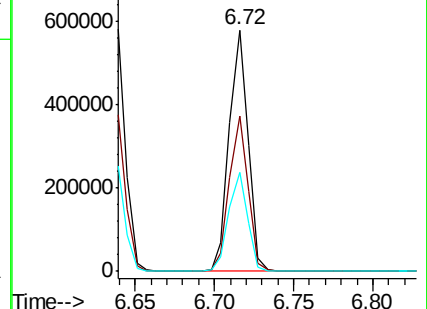
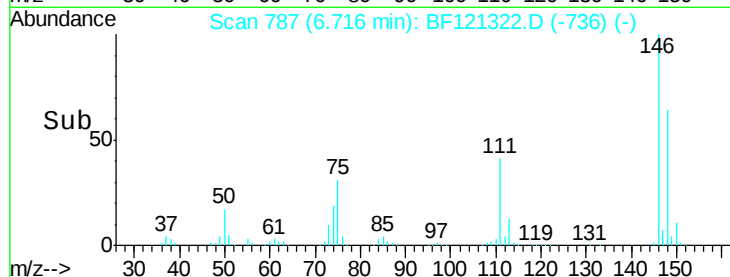
111 41.1 31.0 46.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 63.331 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

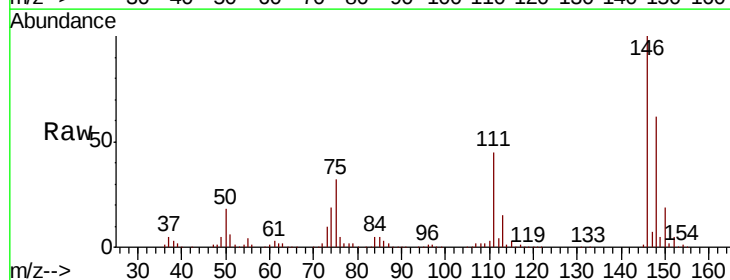
Tgt Ion:146 Resp: 434629

Ion Ratio Lower Upper

146 100

148 62.3 51.7 77.5

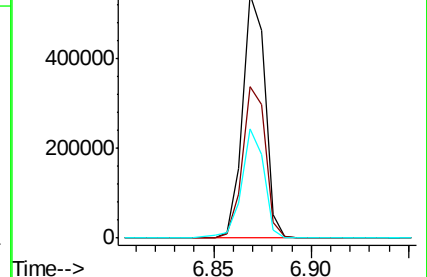
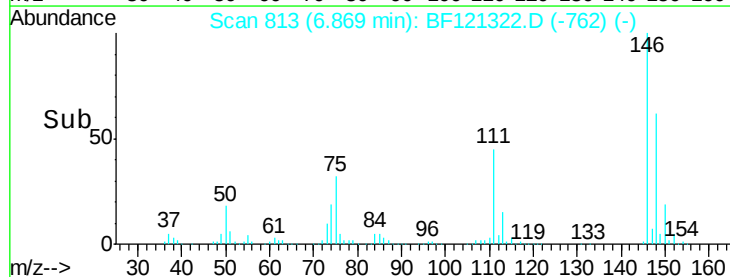
111 44.7 32.3 48.5

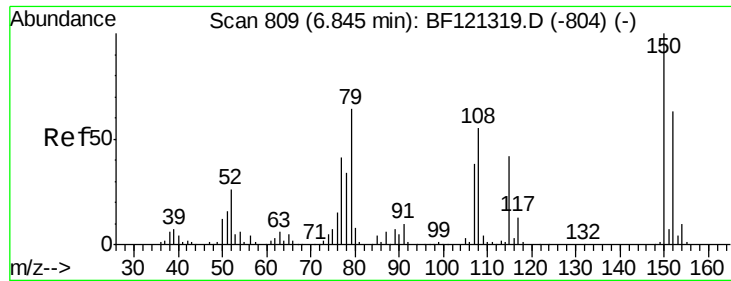


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

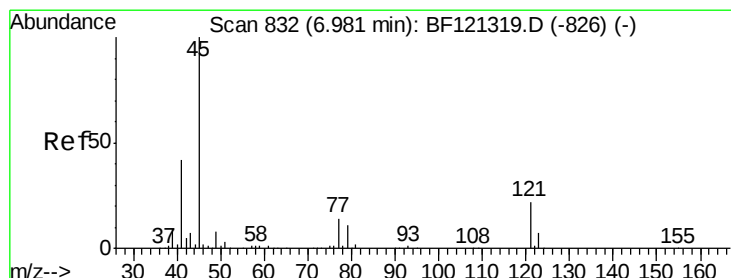
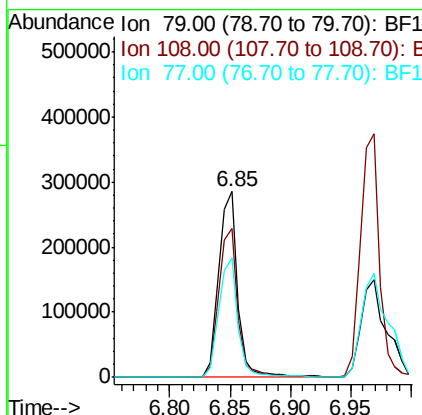
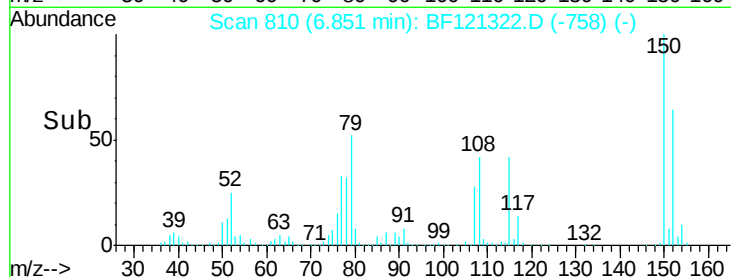
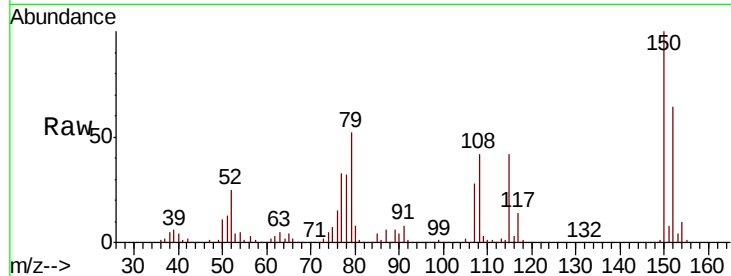




#15  
Benzyl Alcohol  
Concen: 57.666 ng  
RT: 6.85 min Scan# 810  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

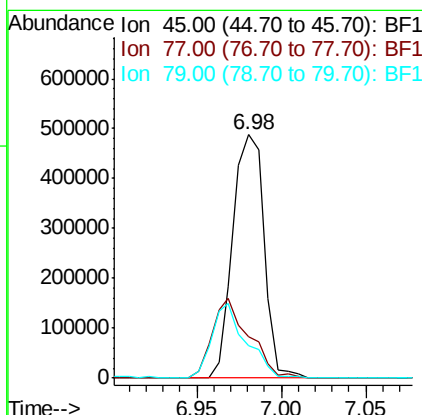
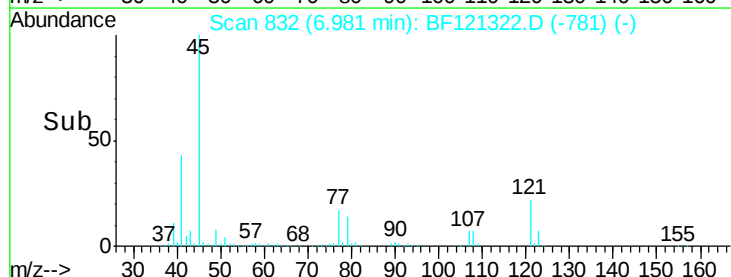
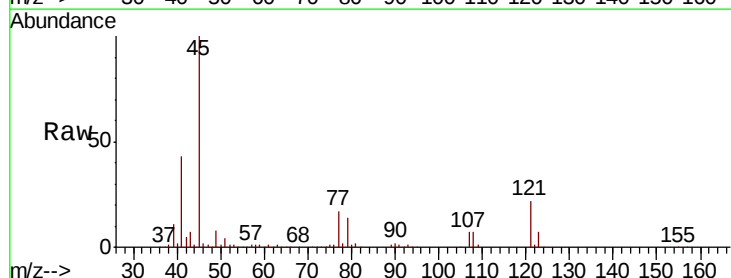
Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC080

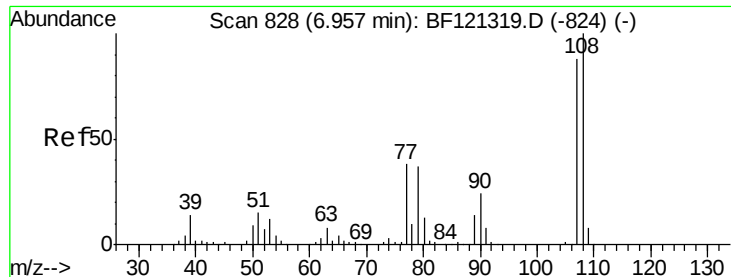
Tot Ion: 79 Resp: 308223  
Ion Ratio Lower Upper  
79 100  
108 80.3 68.6 103.0  
77 64.2 51.3 76.9



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 70.195 ng  
RT: 6.98 min Scan# 832  
Delta R.T. -0.00 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

Tgt Ion: 45 Resp: 631533  
Ion Ratio Lower Upper  
45 100  
77 17.0 0.0 34.6  
79 13.5 0.0 31.4

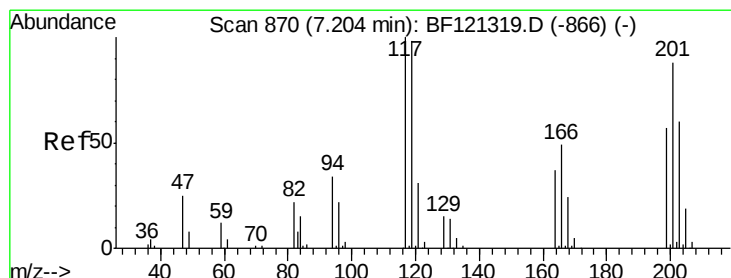
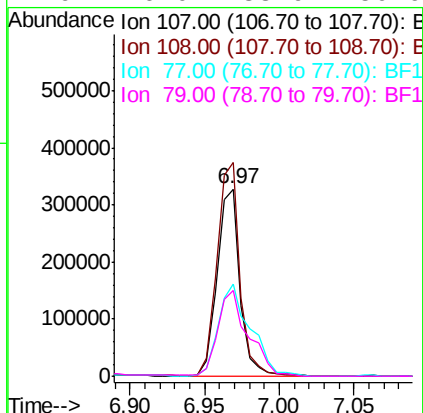
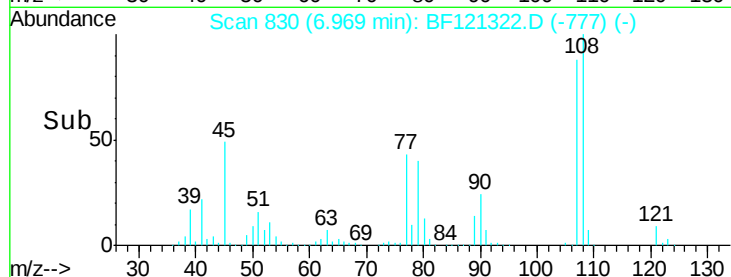
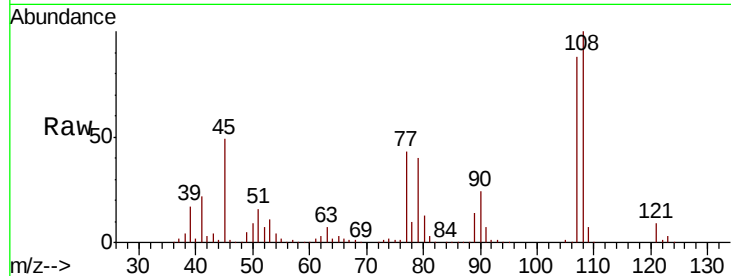




#17  
2-Methylphenol  
Concen: 65.279 ng  
RT: 6.97 min Scan# 830  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

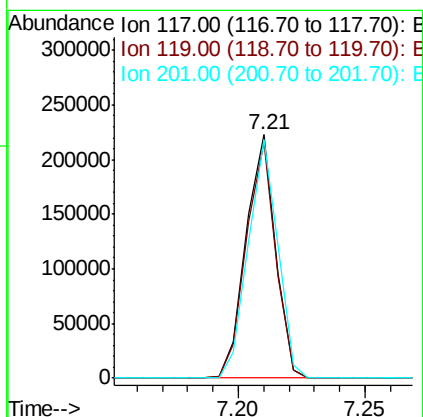
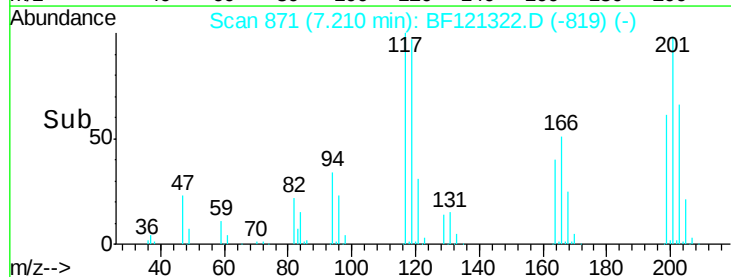
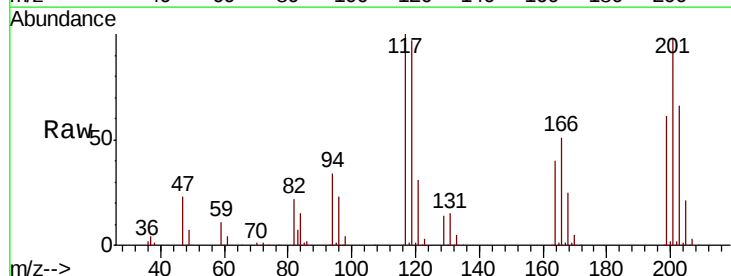
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

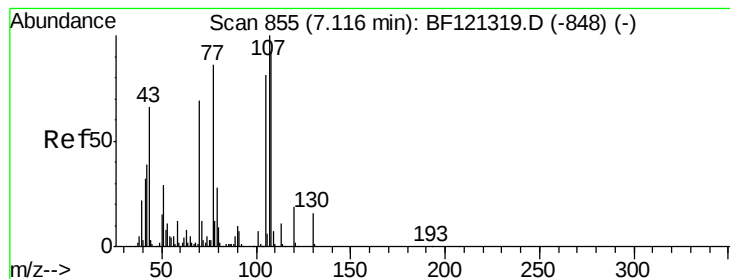
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 351089 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.2 | 90.7  | 136.1  |
| 77       | 49.1  | 34.4  | 51.6   |
| 79       | 46.0  | 33.9  | 50.9   |



#18  
Hexachloroethane  
Concen: 70.310 ng  
RT: 7.21 min Scan# 871  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 180798 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.0  | 78.2  | 117.2  |
| 201      | 97.8  | 70.5  | 105.7  |





#19

n-Nitroso-di-n-propylamine

Concen: 60.499 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion: 70 Resp: 268214

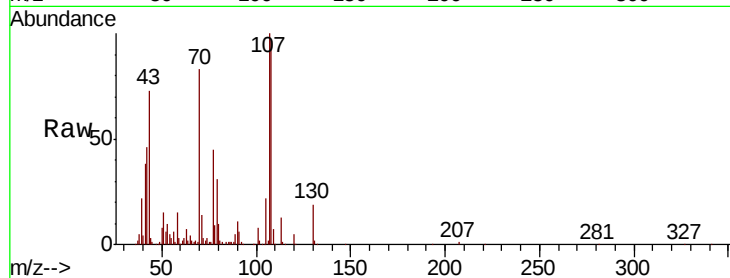
Ion Ratio Lower Upper

70 100

42 56.1 44.5 66.7

101 9.9 7.6 11.4

130 23.0 18.6 27.8



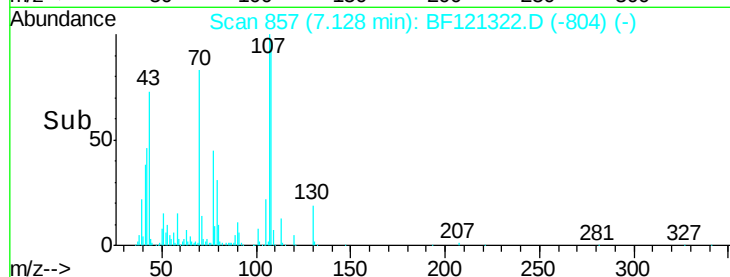
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

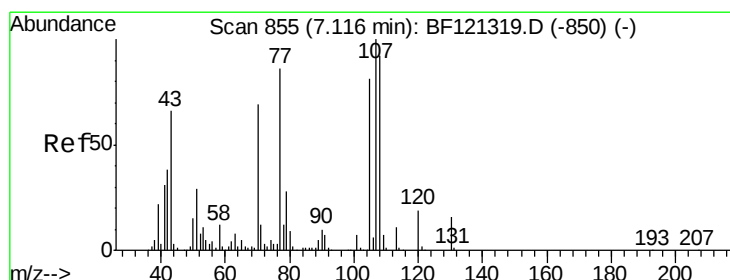
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



Time-->



#20

3+4-Methylphenols

Concen: 56.081 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Tgt Ion: 107 Resp: 382674

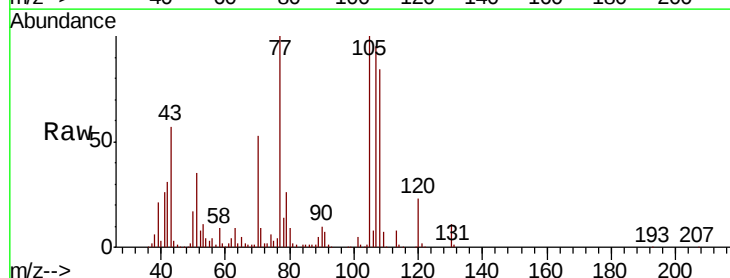
Ion Ratio Lower Upper

107 100

108 88.9 71.7 111.7

77 105.1 65.6 105.6

79 27.8 8.0 48.0



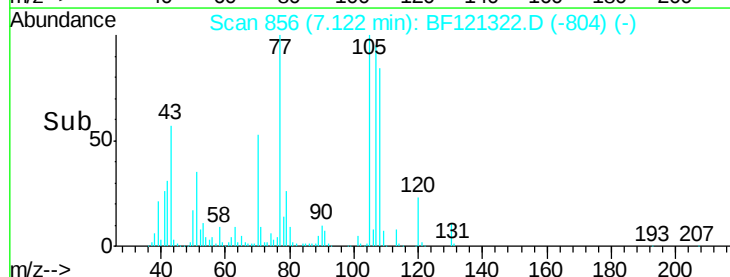
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

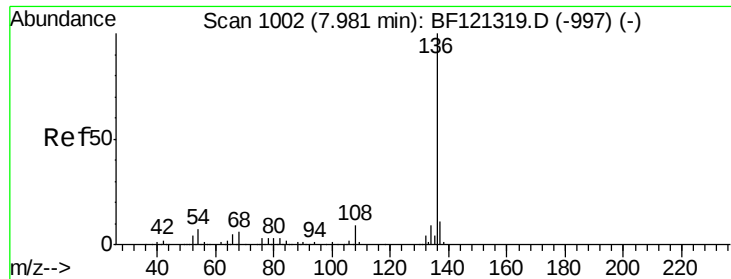
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



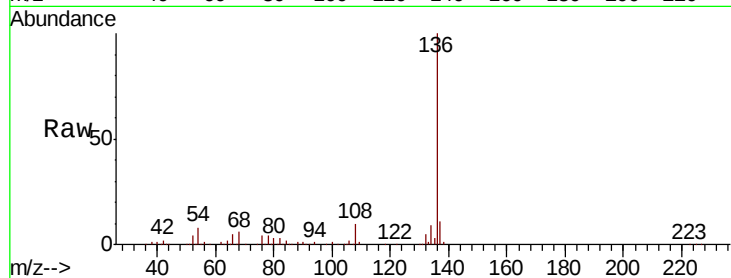
Time-->



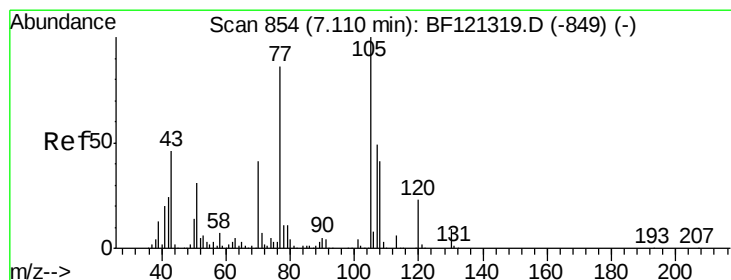
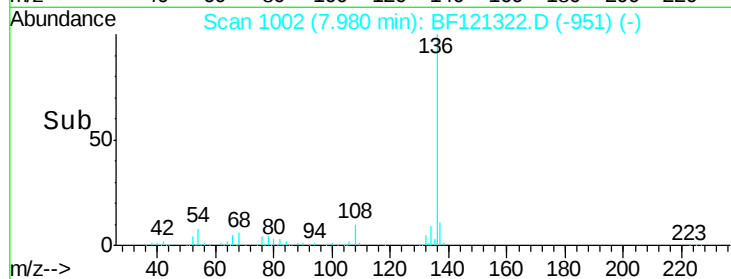
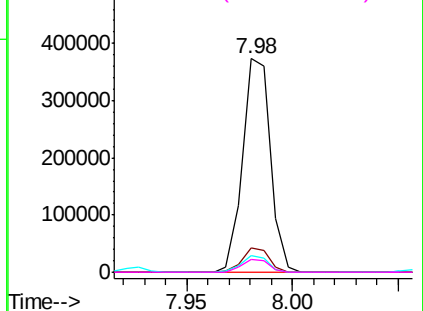
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.98 min Scan# 1002  
Delta R.T. -0.00 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 340321      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.4  | 8.8 13.2    |
| 54          | 7.7   | 5.8 8.6     |
| 68          | 6.2   | 4.6 7.0     |

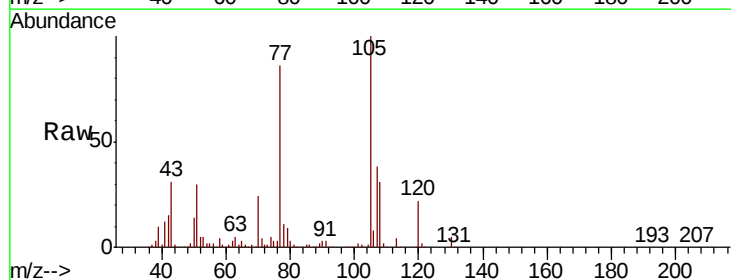


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

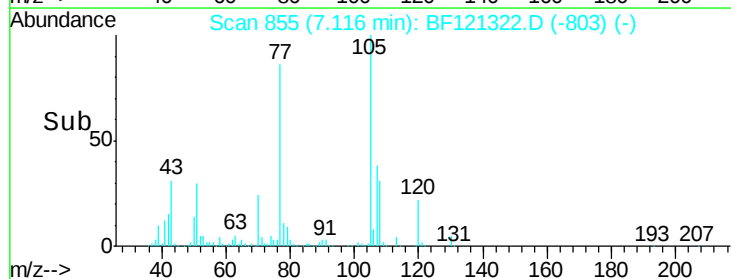
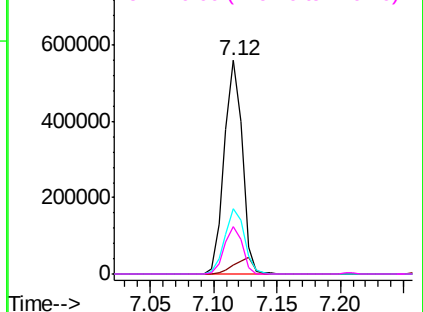


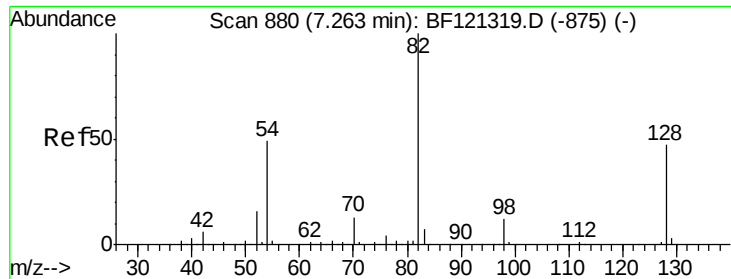
#22  
Acetophenone  
Concen: 63.274 ng  
RT: 7.12 min Scan# 855  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 554623      |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 4.1   | 5.4 8.2#    |
| 51          | 30.3  | 24.6 36.8   |
| 120         | 22.2  | 18.5 27.7   |



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

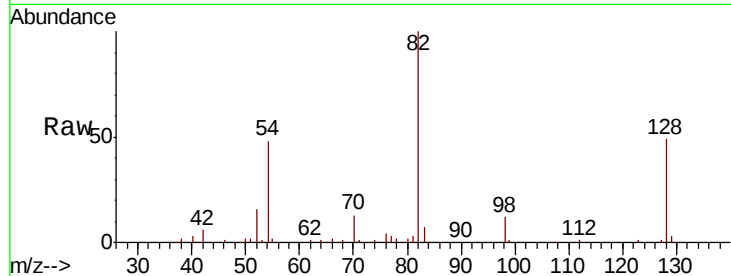




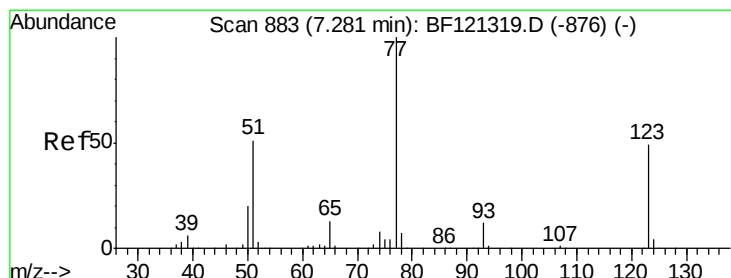
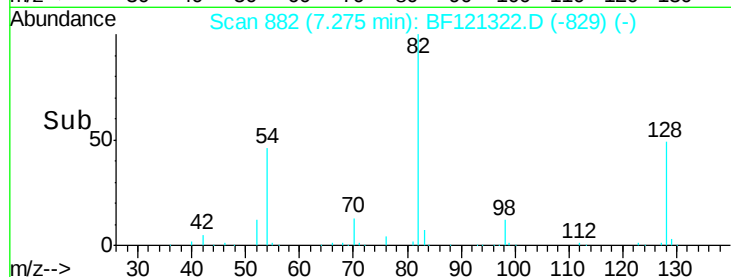
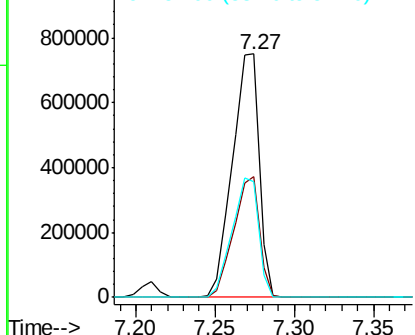
#23  
 Nitrobenzene-d5  
 Concen: 140.864 ng  
 RT: 7.27 min Scan# 882  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion   | 82   | Resp  | 877151 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 49.4 | 37.4  | 56.0   |
| 54        | 47.6 | 39.0  | 58.6   |

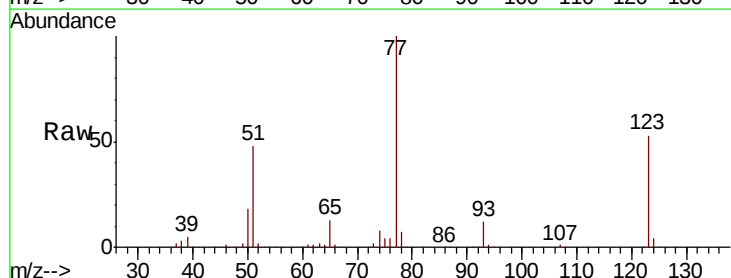


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

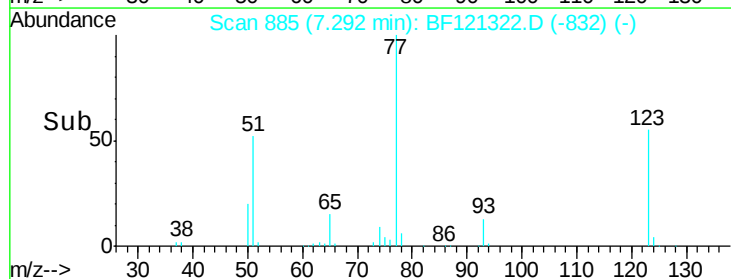
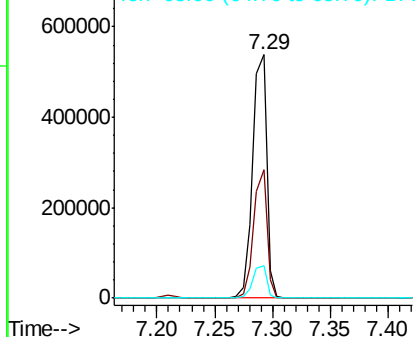


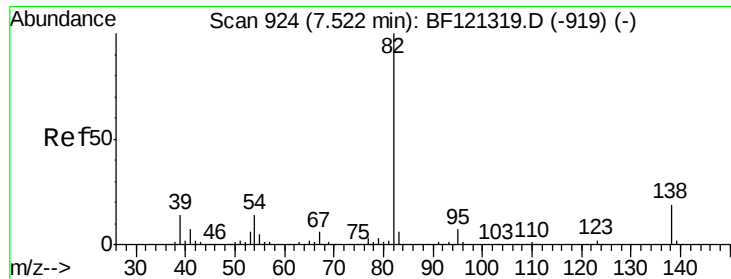
#24  
 Nitrobenzene  
 Concen: 67.601 ng  
 RT: 7.29 min Scan# 885  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

| Tgt Ion   | 77   | Resp  | 456761 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 52.8 | 39.4  | 59.2   |
| 65        | 13.1 | 10.6  | 15.8   |



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





#25

Isophorone

Concen: 66.356 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

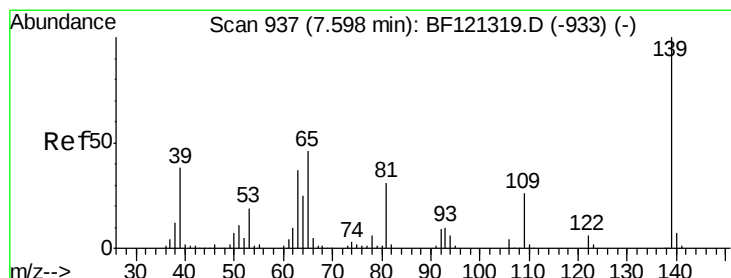
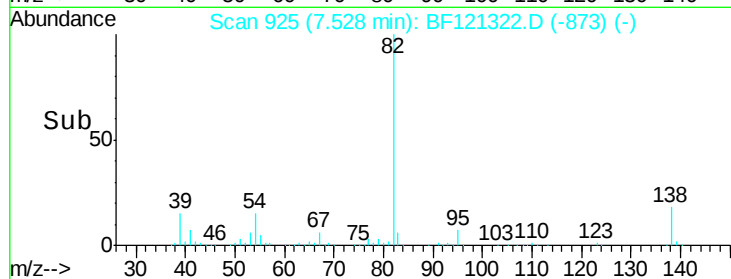
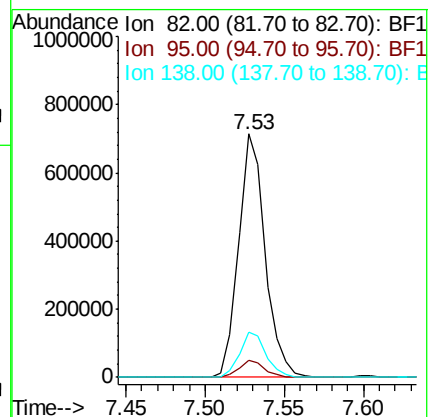
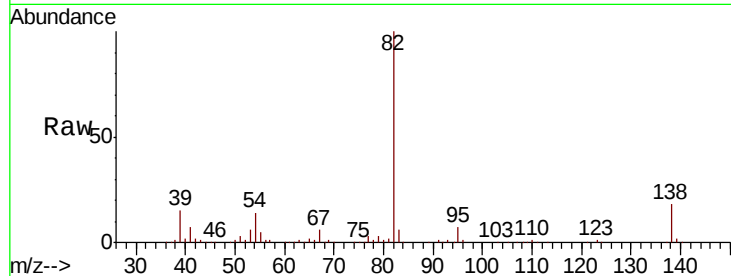
Tot Ion: 82 Resp: 829597

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 18.4 15.0 22.4



#26

2-Nitrophenol

Concen: 74.734 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

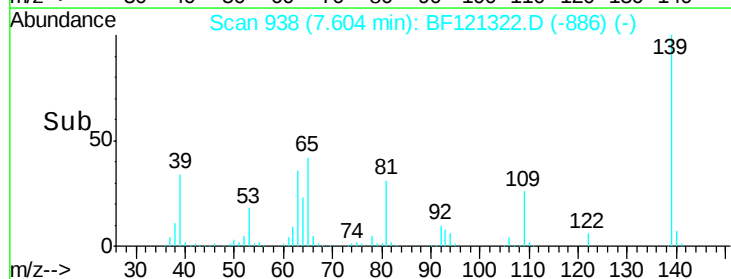
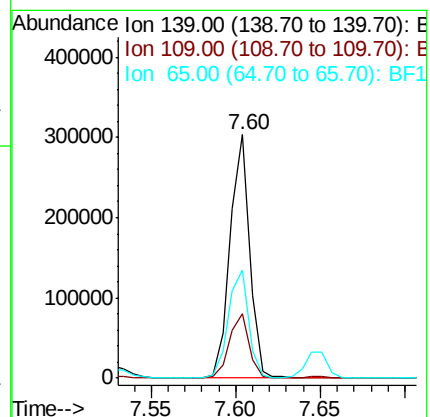
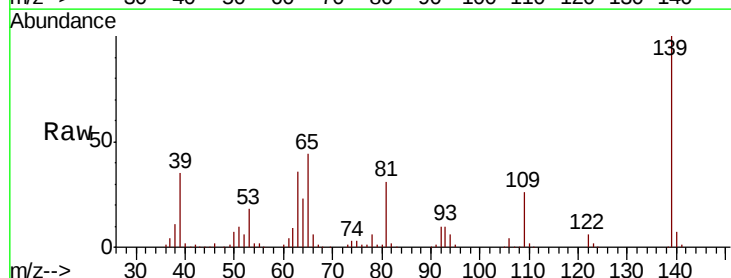
Tgt Ion: 139 Resp: 244664

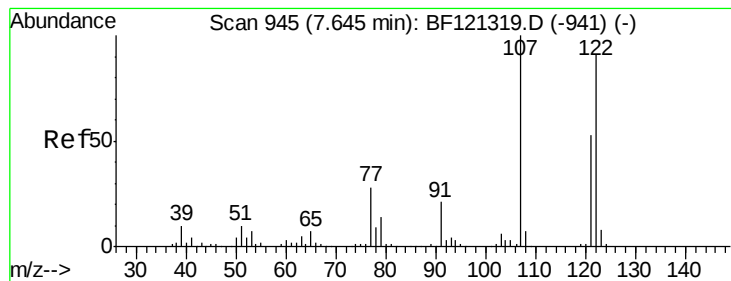
Ion Ratio Lower Upper

139 100

109 26.4 21.0 31.6

65 44.5 36.8 55.2





#27

2,4-Dimethylphenol

Concen: 64.049 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

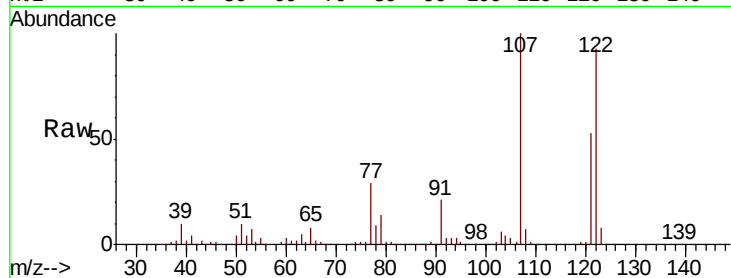
Tot Ion:122 Resp: 335958

Ion Ratio Lower Upper

122 100

107 107.3 88.1 132.1

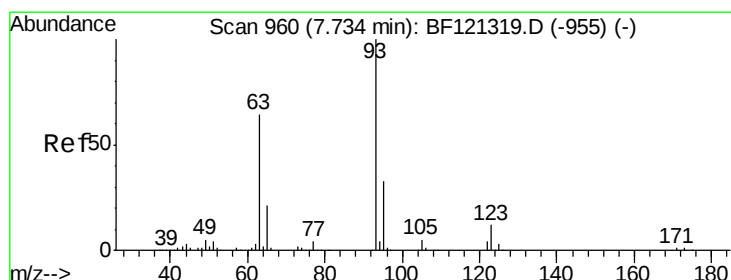
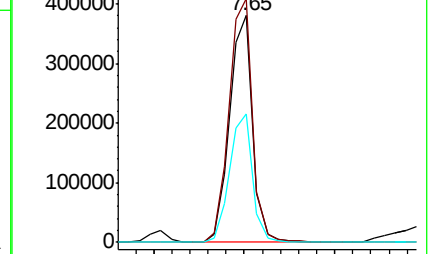
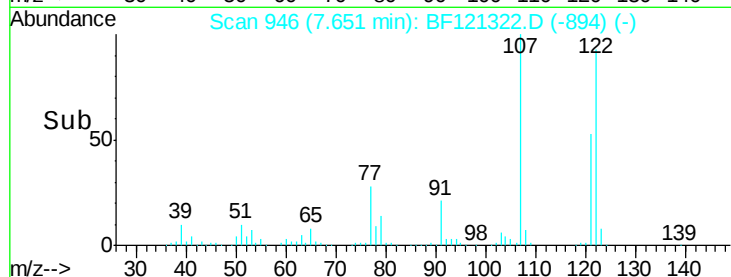
121 56.9 46.5 69.7



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: 78.924 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

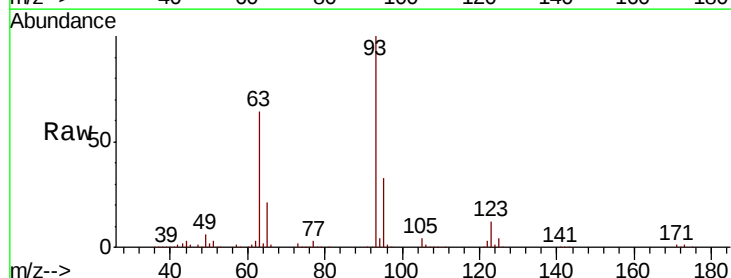
Tgt Ion: 93 Resp: 551900

Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.2

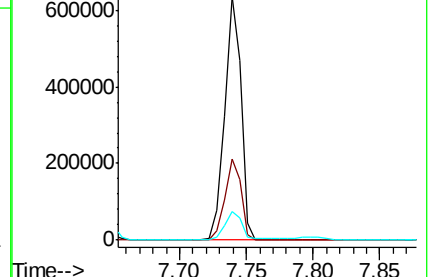
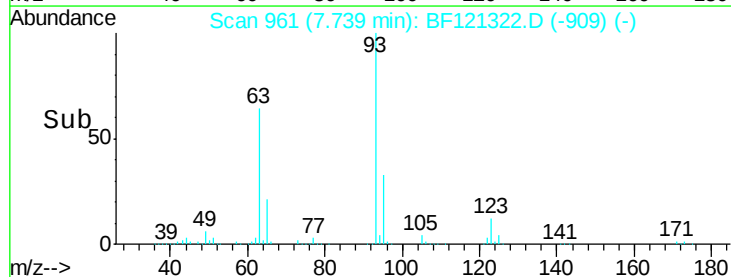
123 11.5 9.5 14.3

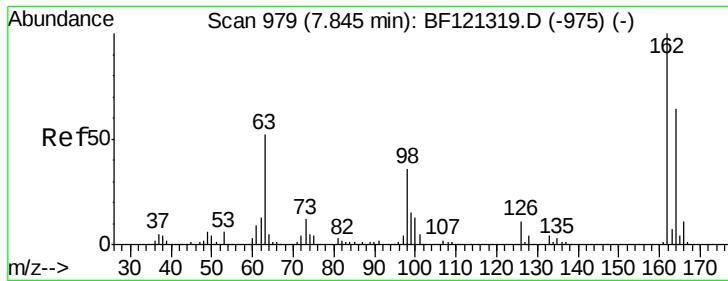


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

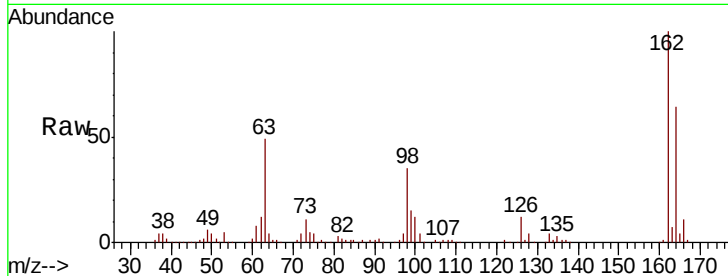




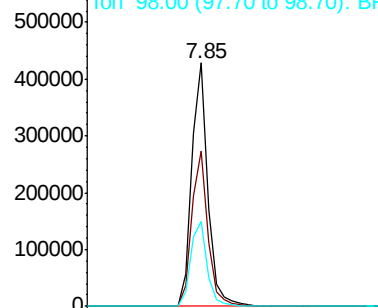
#29  
2,4-Dichlorophenol  
Concen: 68.466 ng  
RT: 7.85 min Scan# 980  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

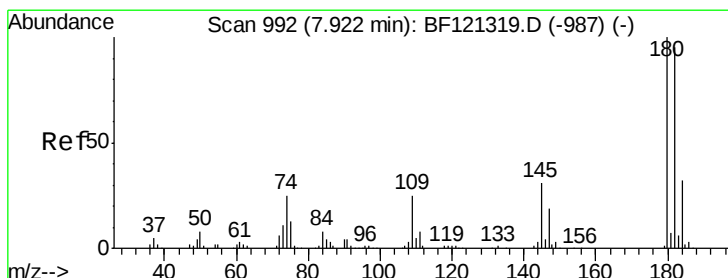
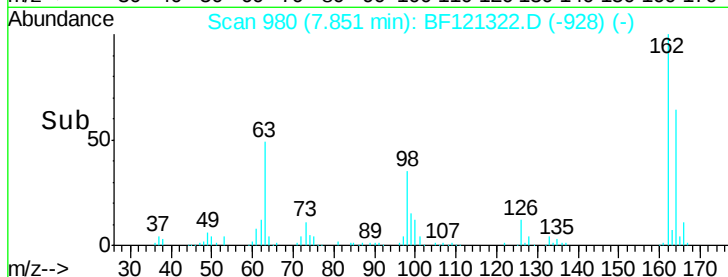
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.6  | 44.2  | 84.2  |
| 98      | 35.0  | 16.4  | 56.4  |



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

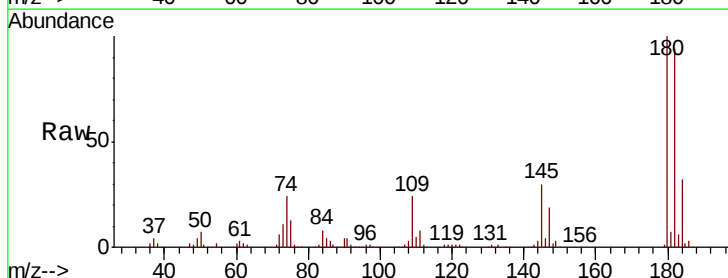


Time-->

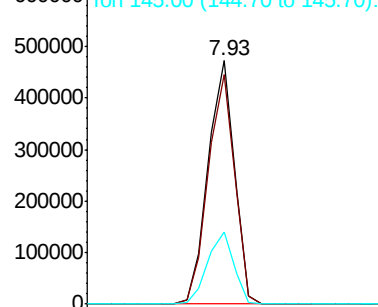


#30  
1,2,4-Trichlorobenzene  
Concen: 68.489 ng  
RT: 7.93 min Scan# 993  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

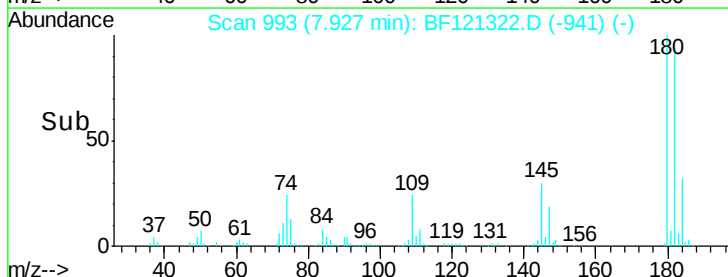
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.0  | 75.7  | 113.5 |
| 145     | 29.8  | 24.5  | 36.7  |

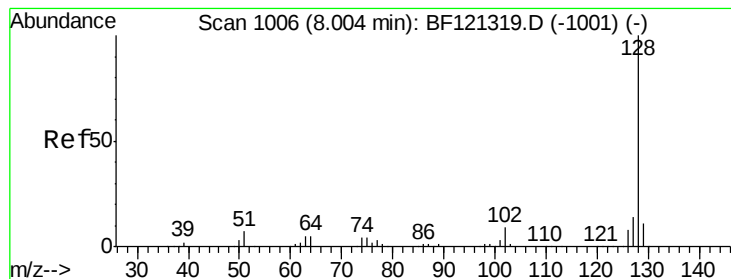


Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E



Time-->





#31

Naphthalene

Concen: 62.811 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

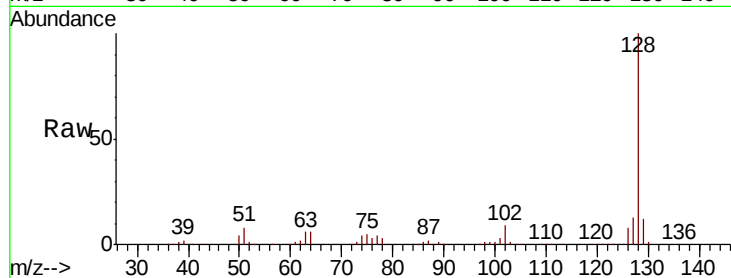
Tot Ion:128 Resp: 1202608

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

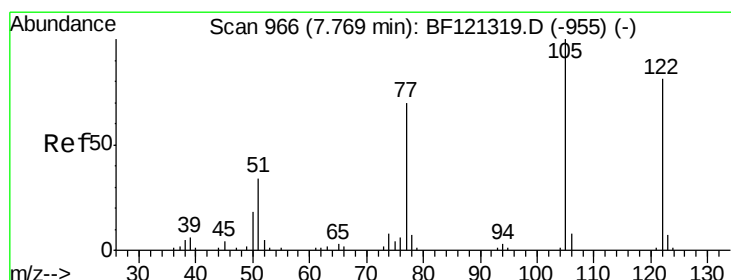
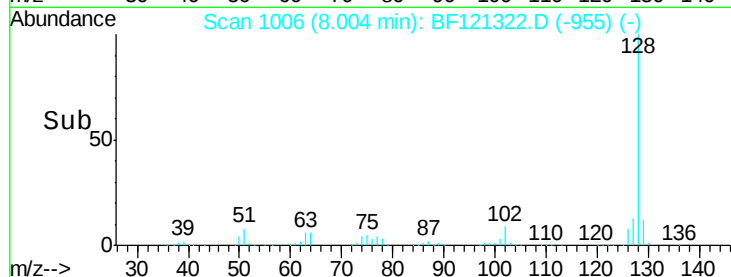
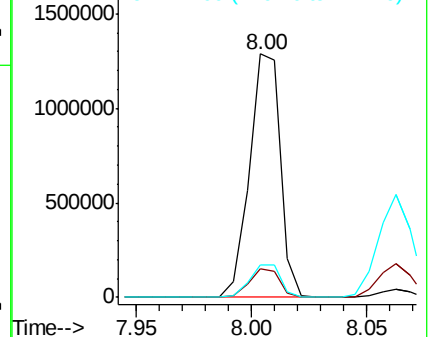
127 13.4 10.8 16.2



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: 111.668 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.04 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

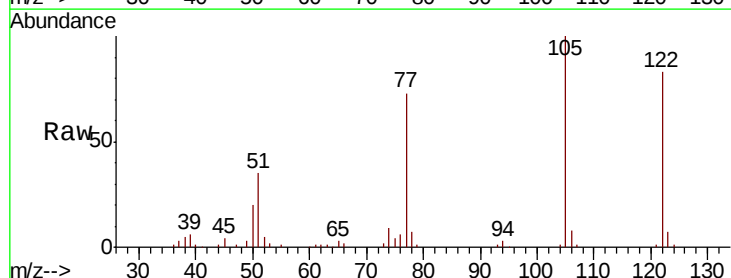
Tgt Ion:122 Resp: 280535

Ion Ratio Lower Upper

122 100

105 120.3 103.1 143.1

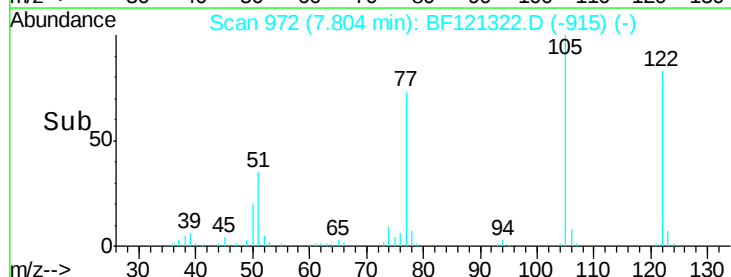
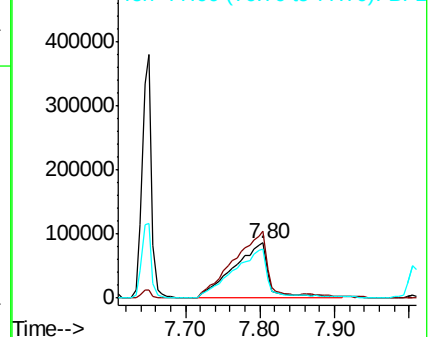
77 88.2 65.8 105.8

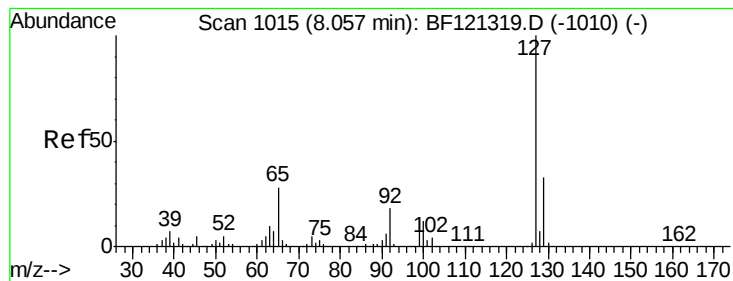


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 71.648 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:127 Resp: 559826

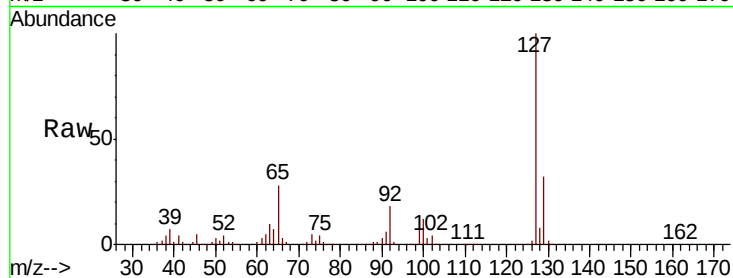
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 28.0 22.2 33.2

92 17.9 14.6 21.8

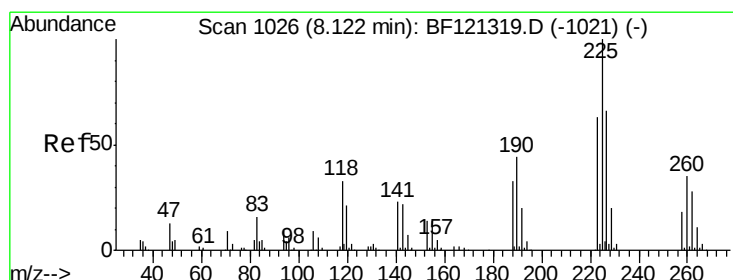
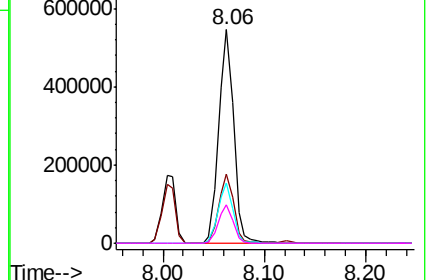
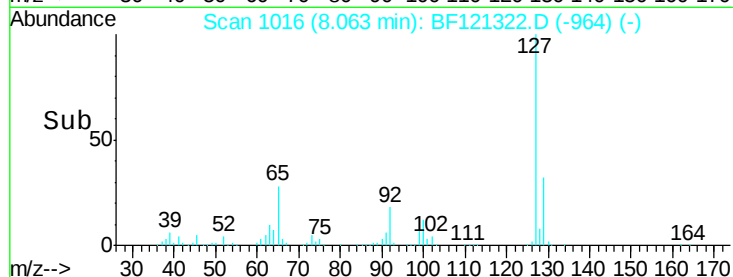


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 67.767 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

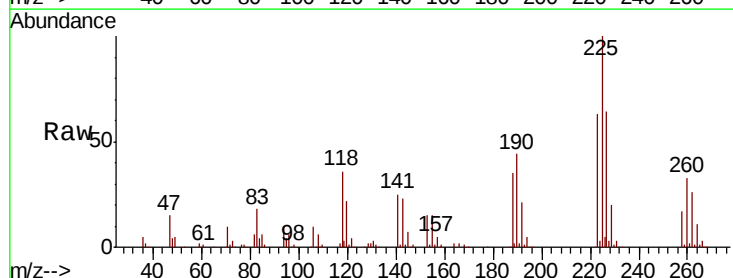
Tgt Ion:225 Resp: 242740

Ion Ratio Lower Upper

225 100

223 62.9 50.6 76.0

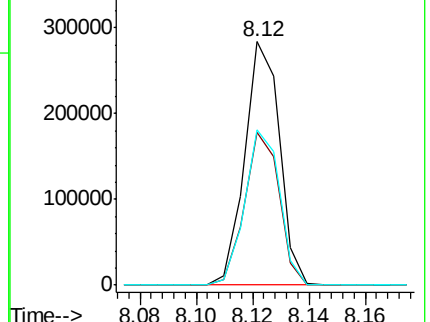
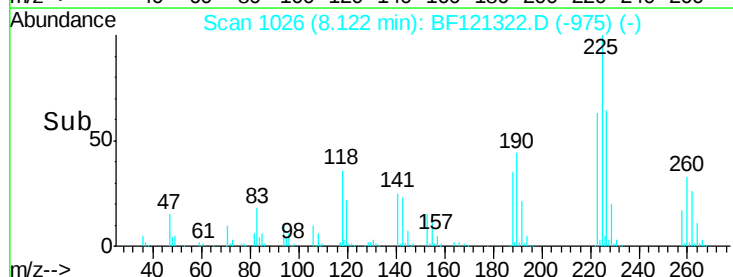
227 63.8 52.8 79.2

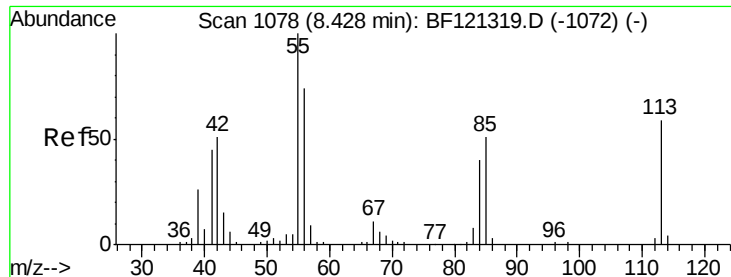


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

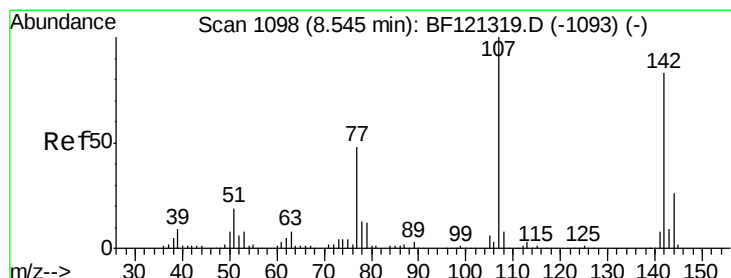
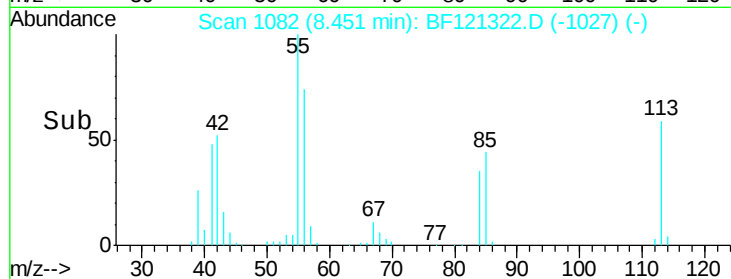
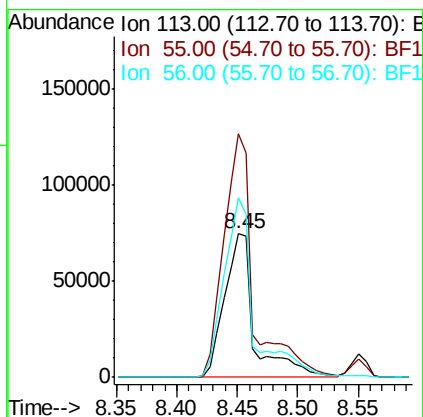
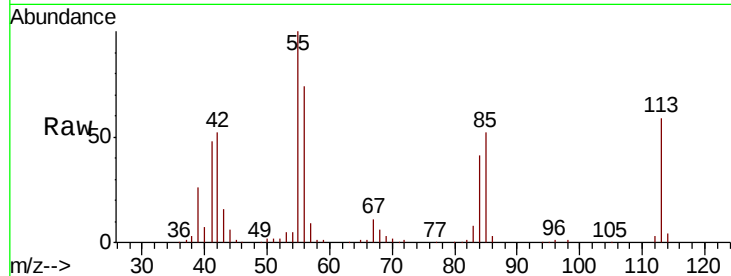




#35  
 Caprolactam  
 Concen: 79.510 ng  
 RT: 8.45 min Scan# 1082  
 Delta R.T. 0.02 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

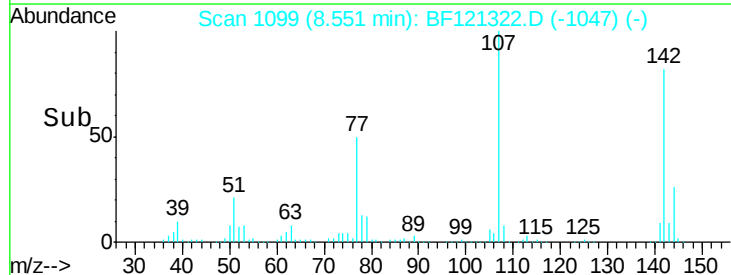
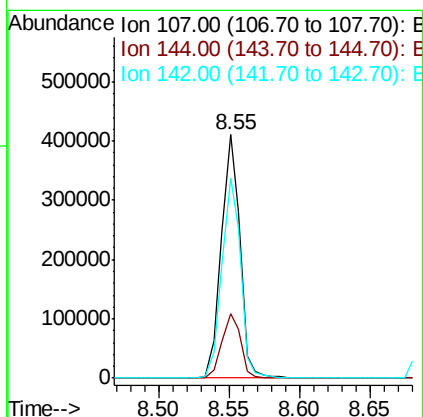
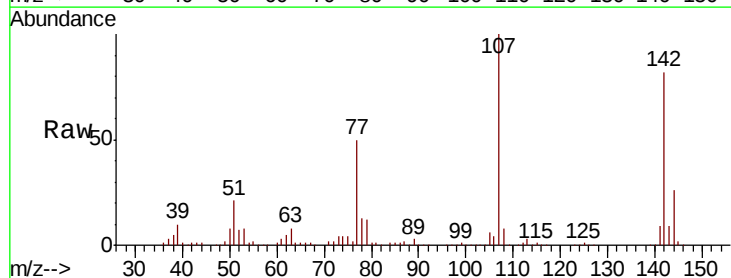
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

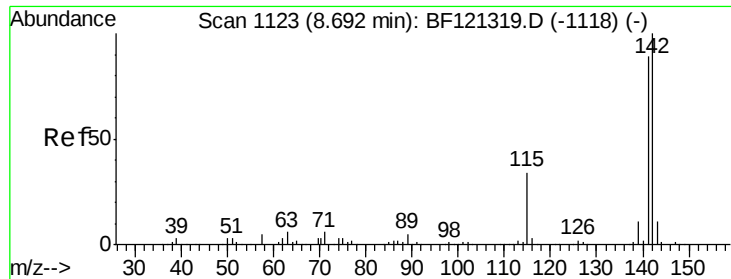
Tot Ion:113 Resp: 128459  
 Ion Ratio Lower Upper  
 113 100  
 55 169.7 149.1 189.1  
 56 125.5 105.9 145.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 68.856 ng  
 RT: 8.55 min Scan# 1099  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

Tgt Ion:107 Resp: 376819  
 Ion Ratio Lower Upper  
 107 100  
 144 26.2 21.1 31.7  
 142 82.2 66.6 99.8

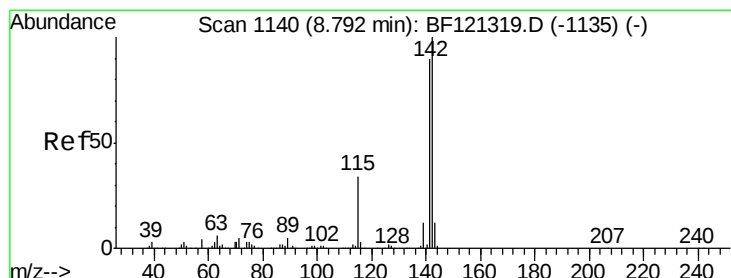
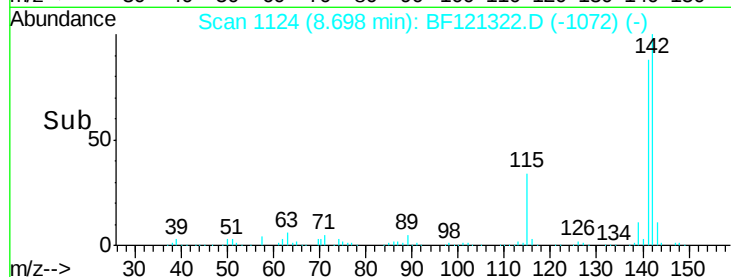
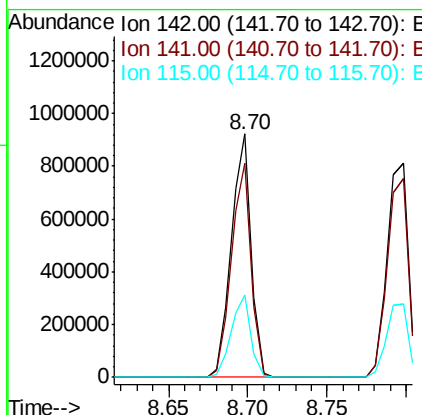
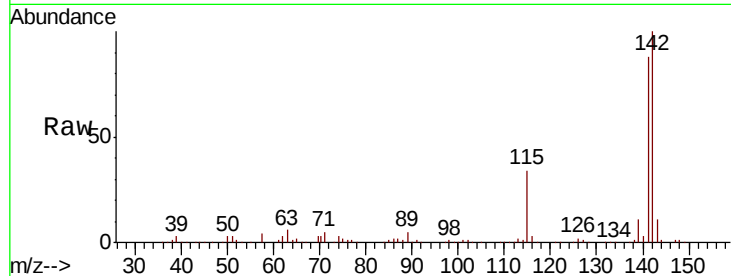




#37  
2-Methylnaphthalene  
Concen: 63.262 ng  
RT: 8.70 min Scan# 1124  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

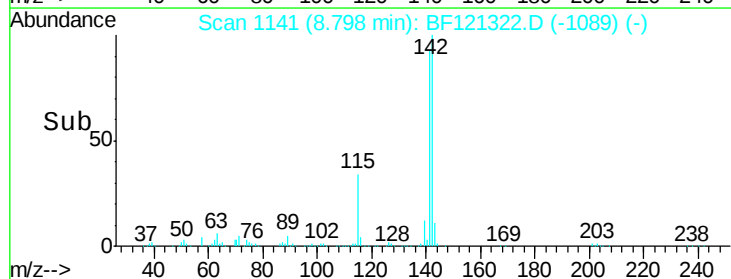
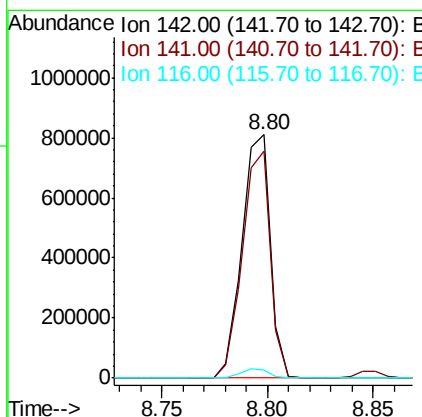
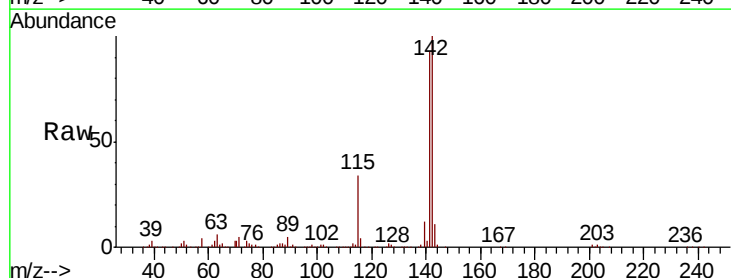
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

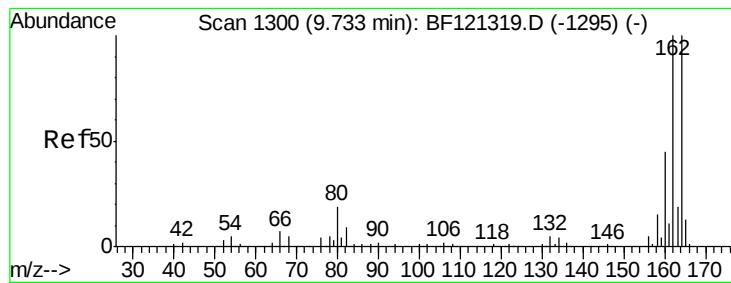
Tot Ion:142 Resp: 797051  
Ion Ratio Lower Upper  
142 100  
141 87.8 71.0 106.4  
115 33.8 27.0 40.4



#38  
1-Methylnaphthalene  
Concen: 63.210 ng  
RT: 8.80 min Scan# 1141  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

Tgt Ion:142 Resp: 754062  
Ion Ratio Lower Upper  
142 100  
141 93.0 72.5 108.7  
116 3.5 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

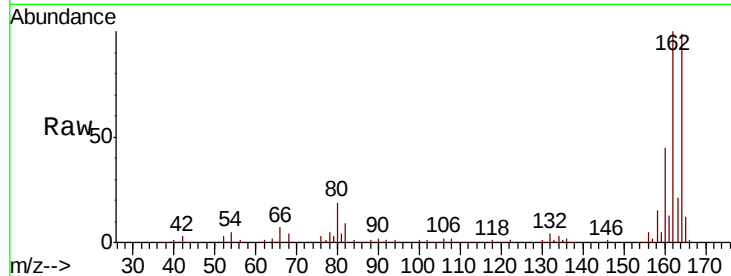
Tot Ion:164 Resp: 182149

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

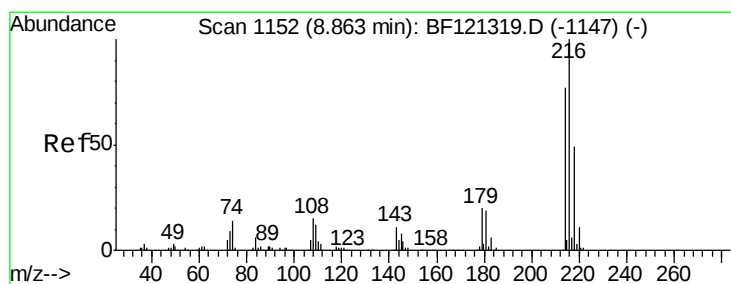
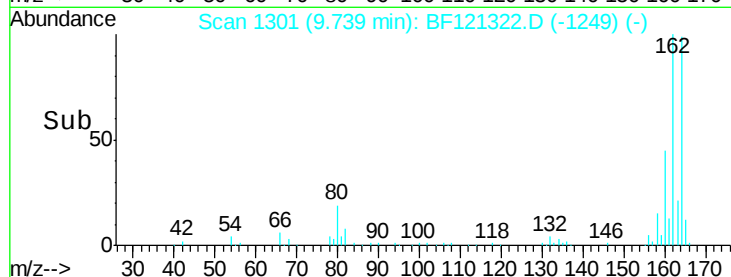
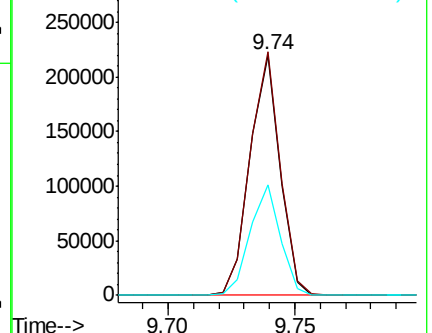
160 45.8 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 63.943 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Tgt Ion:216 Resp: 390261

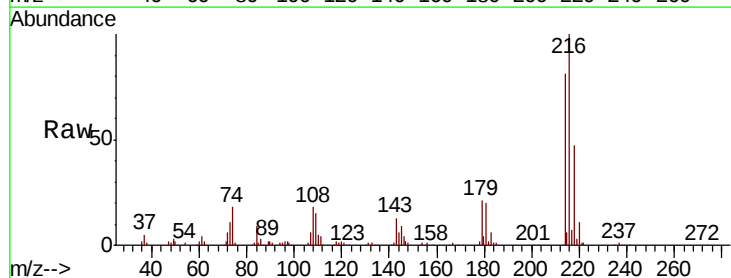
Ion Ratio Lower Upper

216 100

214 79.6 62.8 94.2

179 20.5 16.2 24.4

108 18.0 14.1 21.1

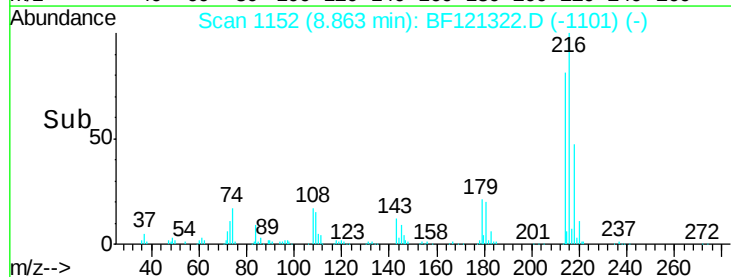
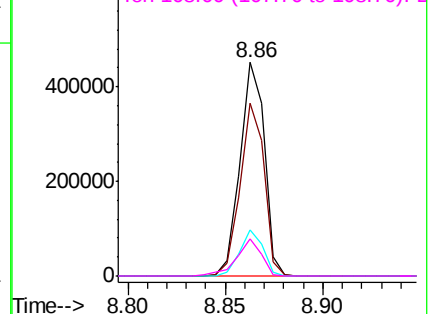


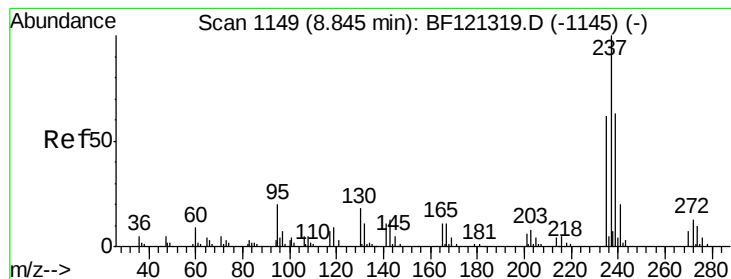
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 123.059 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

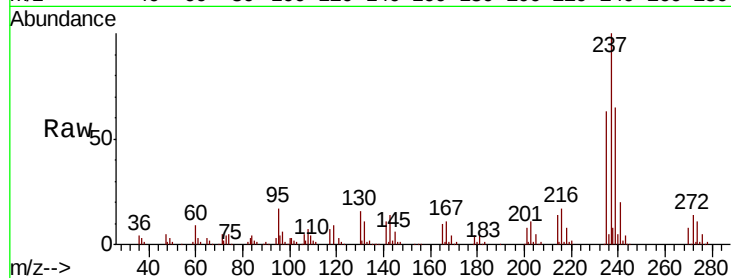
Tot Ion:237 Resp: 163099

Ion Ratio Lower Upper

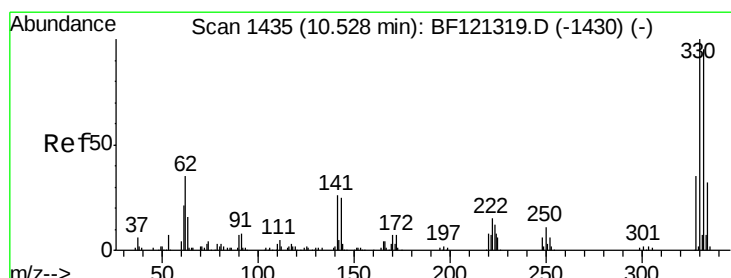
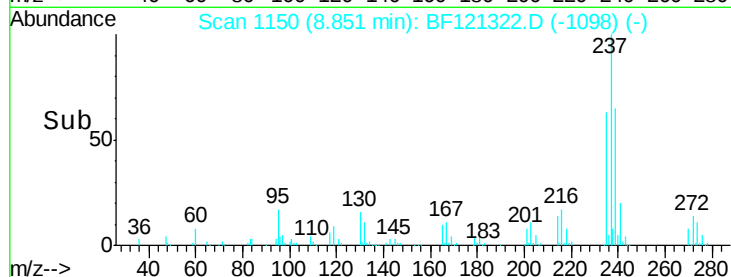
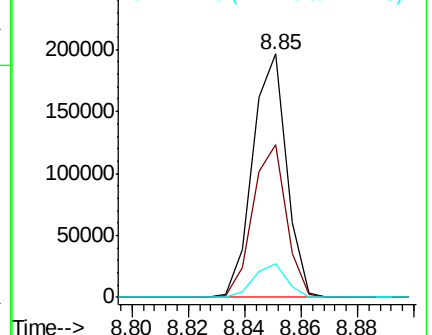
237 100

235 62.6 42.5 82.5

272 14.1 0.0 33.4



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: 140.518 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

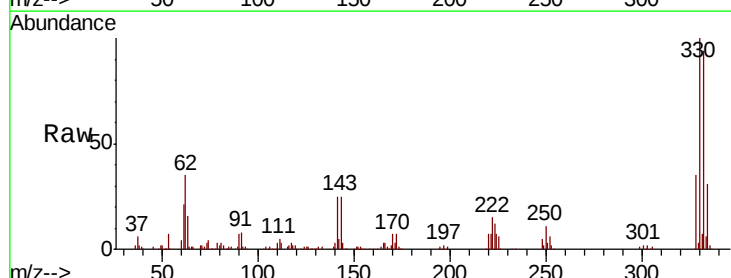
Tgt Ion:330 Resp: 315127

Ion Ratio Lower Upper

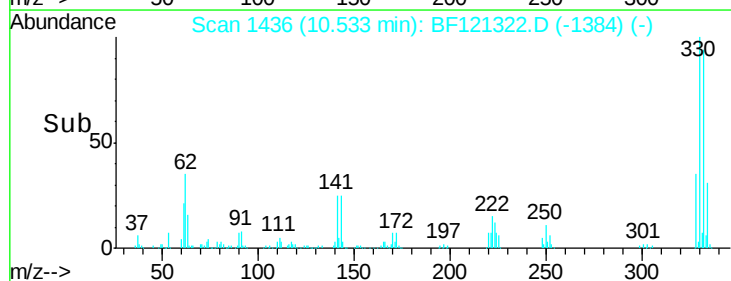
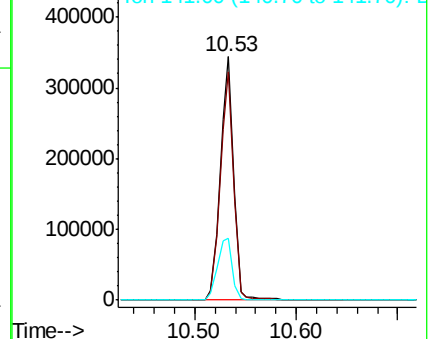
330 100

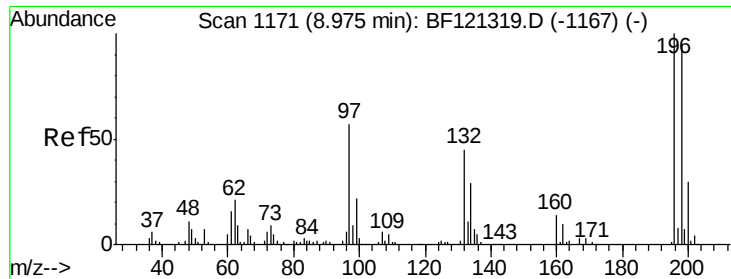
332 94.8 75.2 112.8

141 28.3 23.8 35.8



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

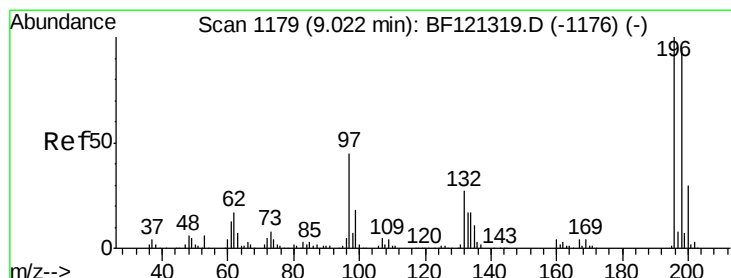
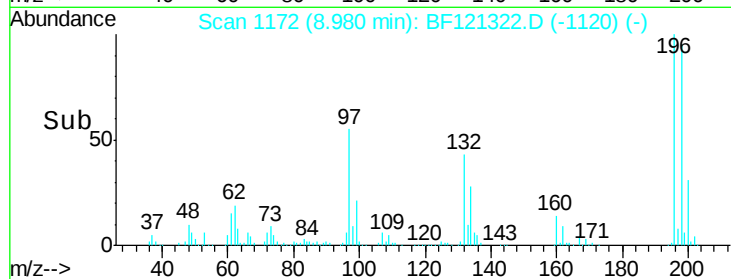
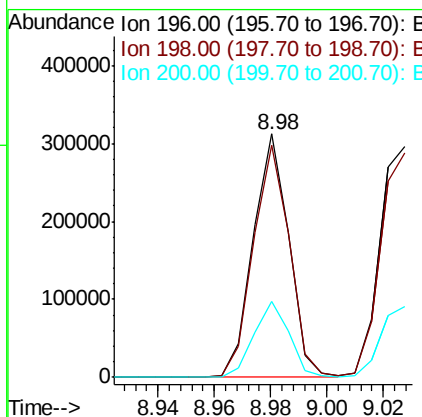
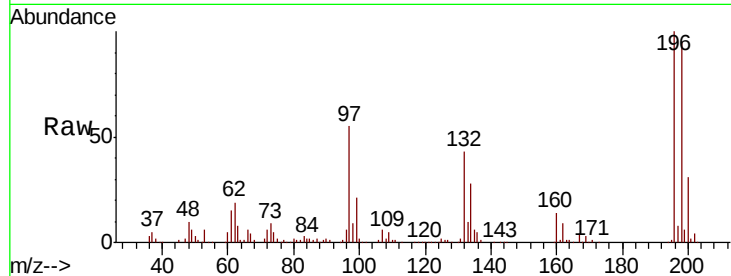




#43  
 2,4,6-Trichlorophenol  
 Concen: 70.599 ng  
 RT: 8.98 min Scan# 1172  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

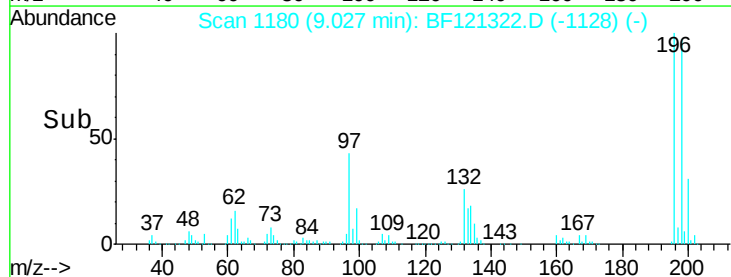
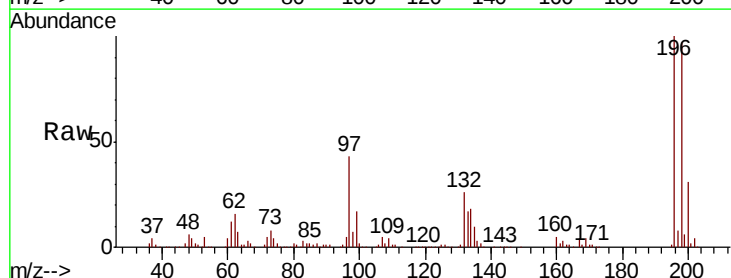
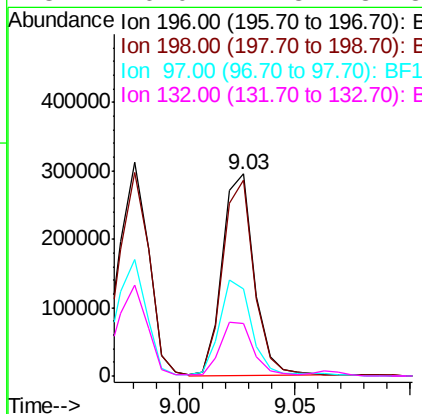
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

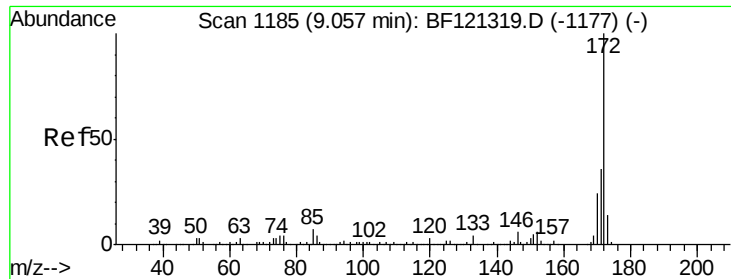
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.4  | 75.8  | 113.6 |
| 200     | 31.1  | 23.8  | 35.6  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 67.322 ng  
 RT: 9.03 min Scan# 1180  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.3  | 75.1  | 112.7 |
| 97      | 43.3  | 36.3  | 54.5  |
| 132     | 26.0  | 21.8  | 32.8  |

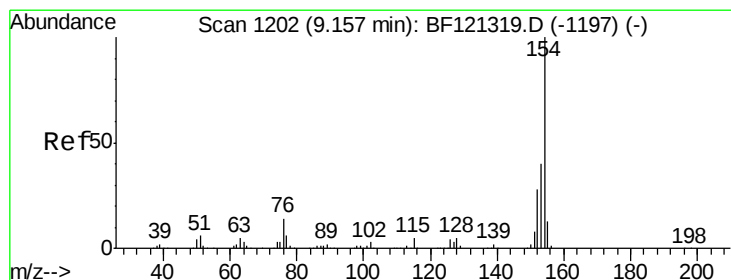
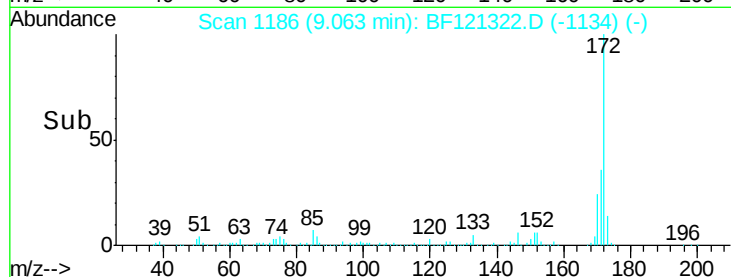
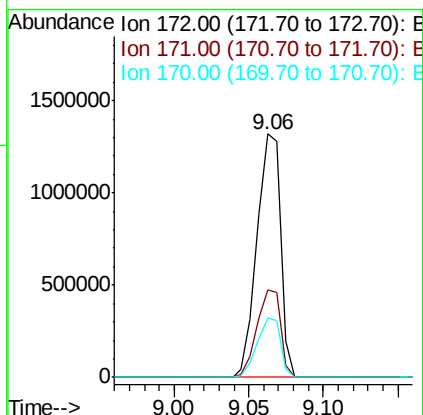
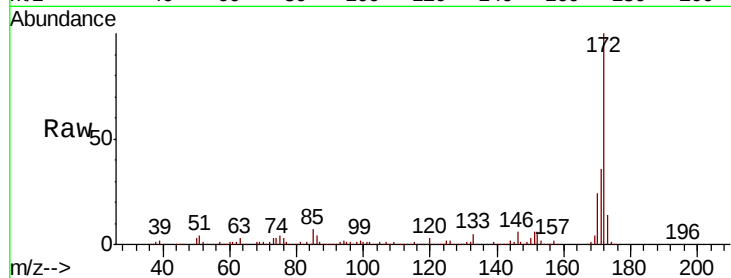




#45  
2-Fluorobiphenyl  
Concen: 108.515 ng  
RT: 9.06 min Scan# 1186  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

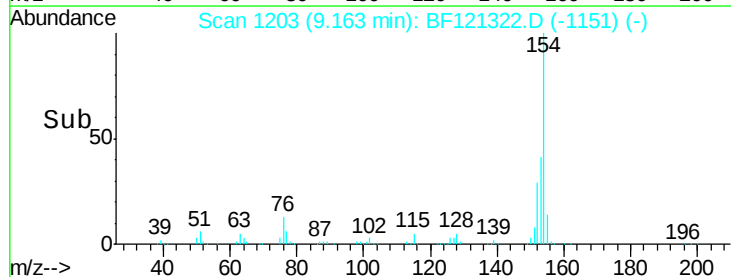
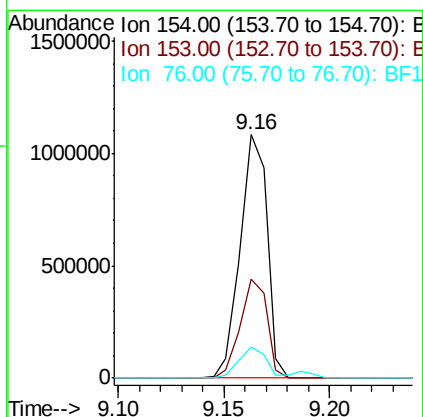
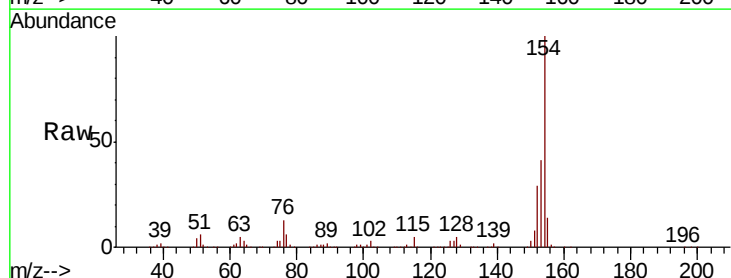
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

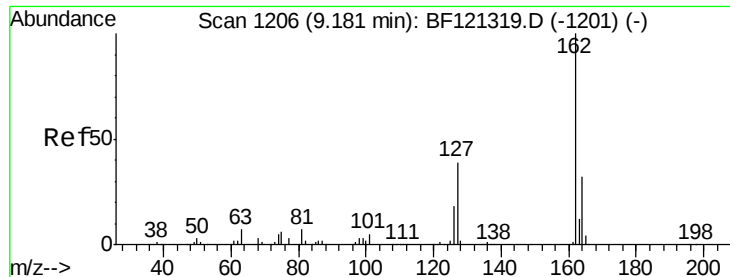
Tot Ion:172 Resp: 1428905  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.7 43.1  
170 24.2 19.4 29.0



#46  
1,1'-Biphenyl  
Concen: 60.745 ng  
RT: 9.16 min Scan# 1203  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

Tgt Ion:154 Resp: 956051  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.0 60.0  
76 13.0 0.0 33.6

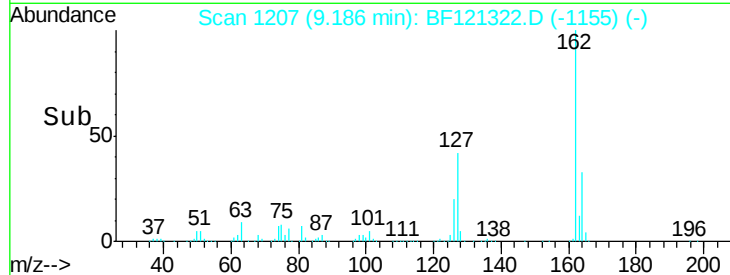
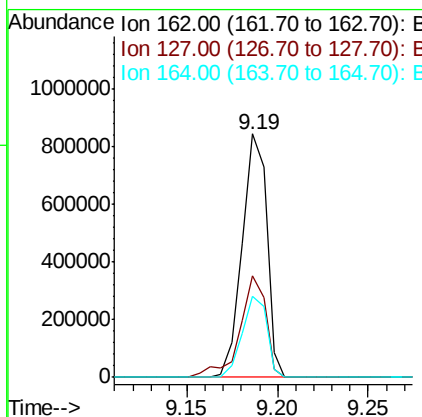
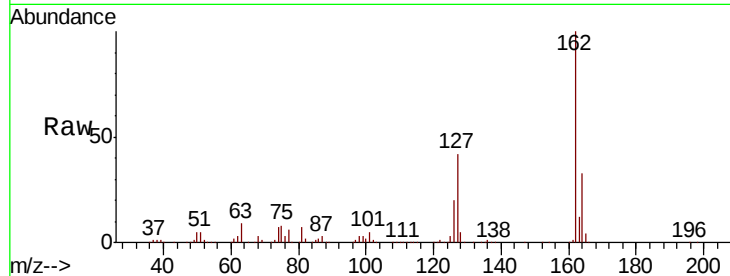




#47  
 2-Chloronaphthalene  
 Concen: 65.679 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

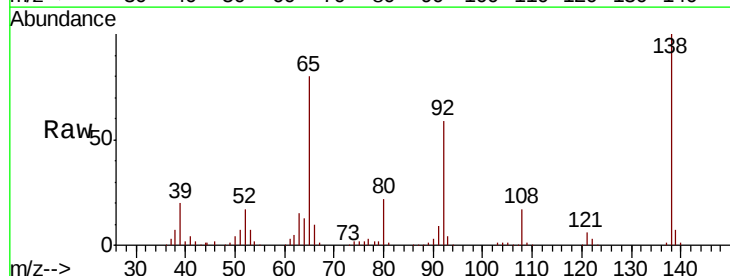
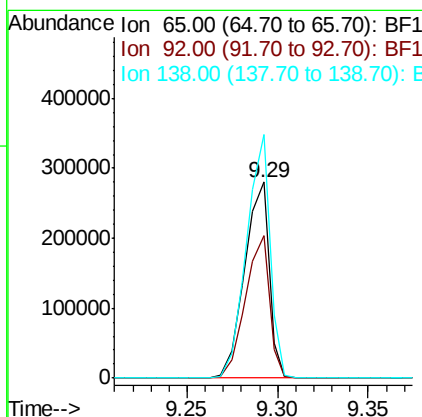
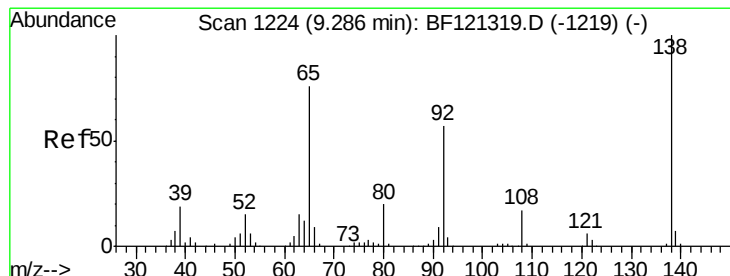
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

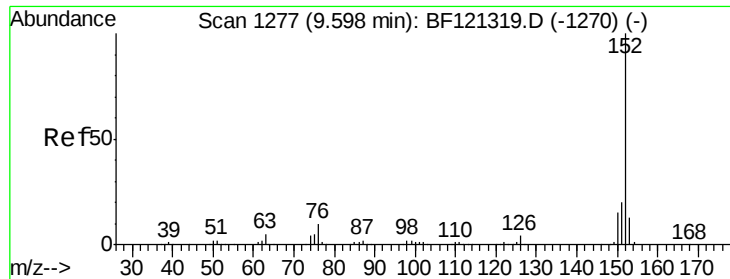
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.6  | 32.6  | 48.8  |
| 164     | 33.2  | 25.9  | 38.9  |



#48  
 2-Nitroaniline  
 Concen: 77.613 ng  
 RT: 9.29 min Scan# 1225  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 72.7  | 60.2  | 90.4  |
| 138     | 124.3 | 105.3 | 157.9 |





#49

Acenaphthylene

Concen: 60.650 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

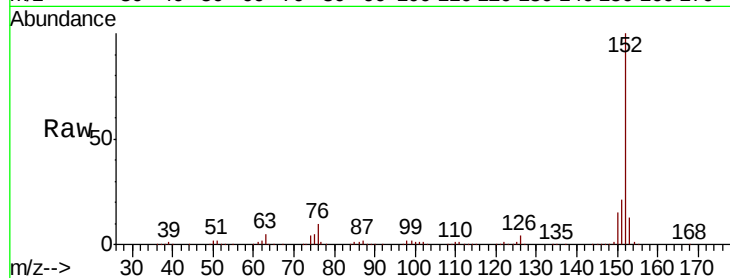
BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 1167074

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.8  | 16.2  | 24.4  |
| 153 | 13.4  | 10.6  | 16.0  |

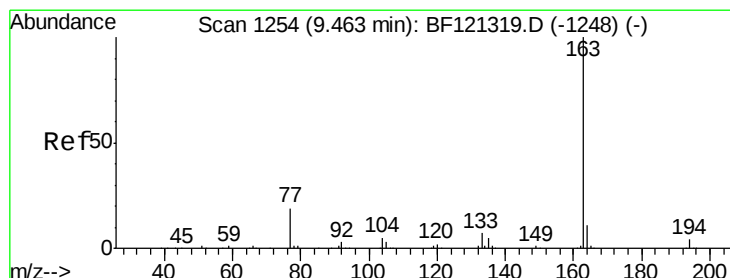
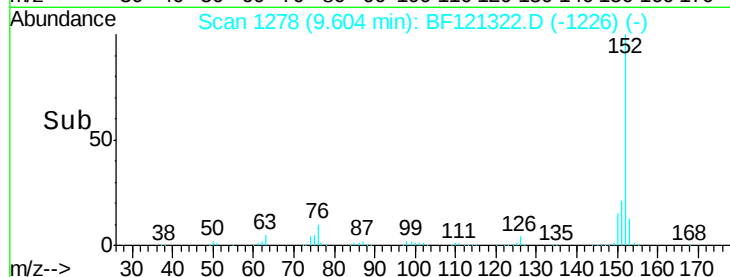
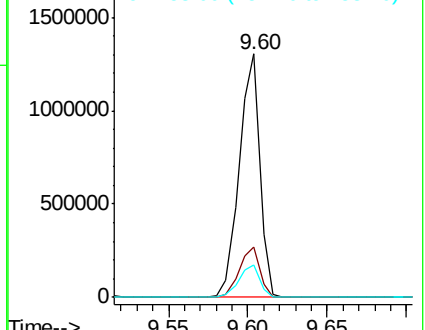


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 71.618 ng

RT: 9.47 min Scan# 1256

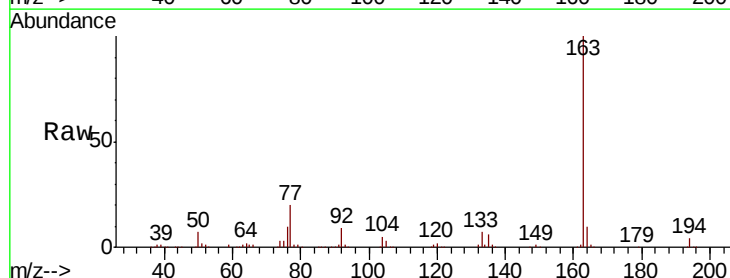
Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Tgt Ion:163 Resp: 981623

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.9   | 2.9   | 4.3   |
| 164 | 10.5  | 8.6   | 12.8  |

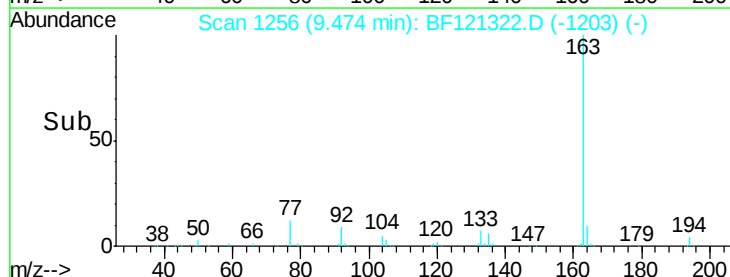
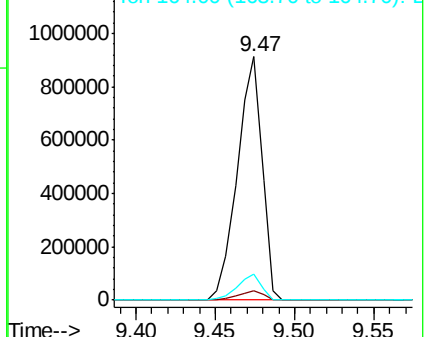


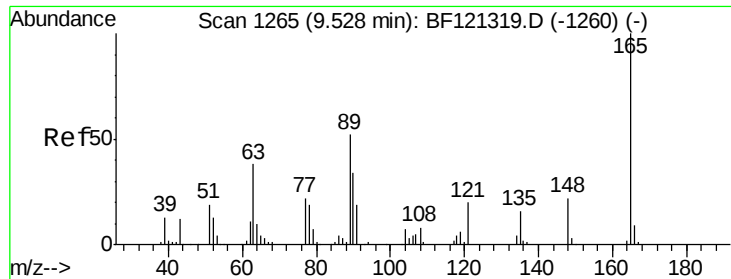
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

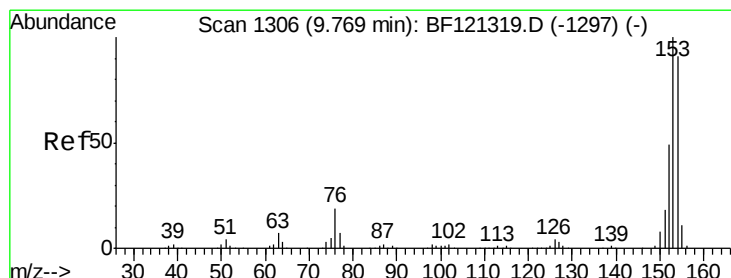
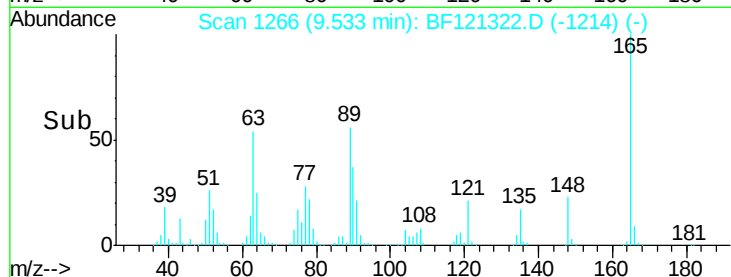
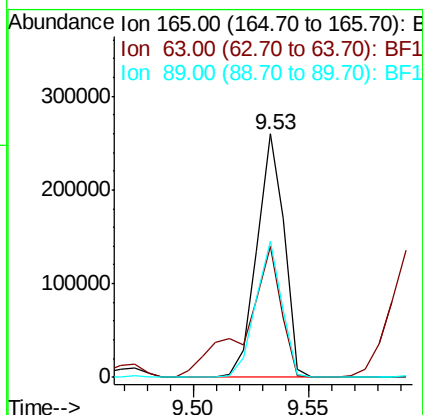
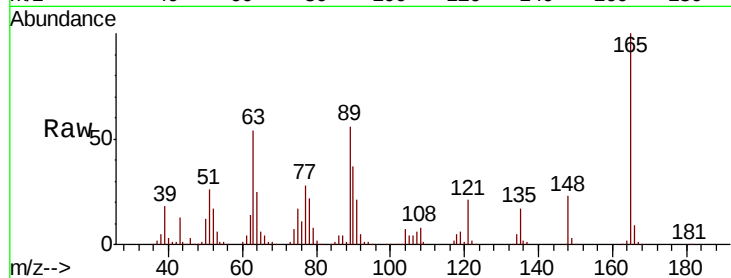




#51  
 2,6-Dinitrotoluene  
 Concen: 70.036 ng  
 RT: 9.53 min Scan# 1266  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

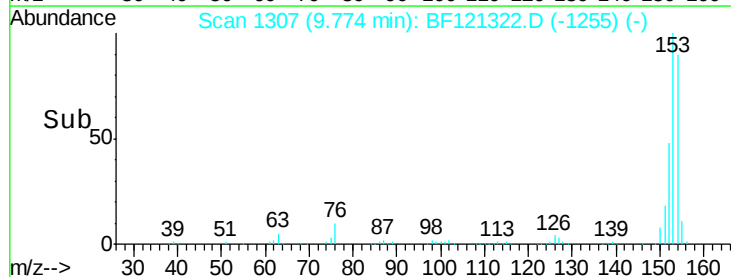
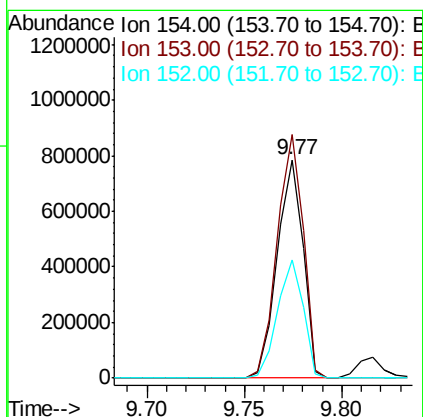
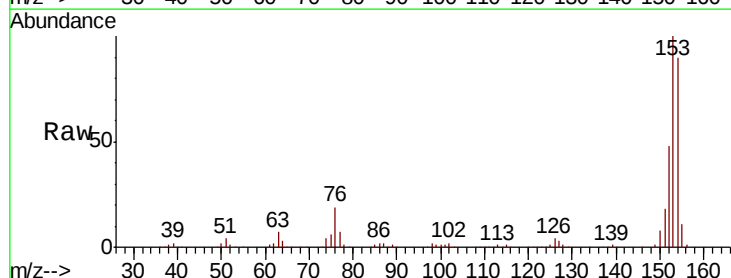
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

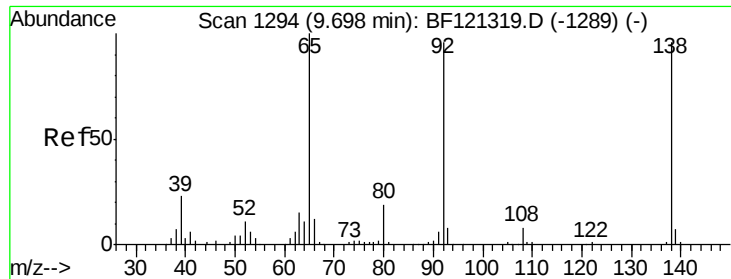
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 53.5  | 38.7  | 58.1  |
| 89      | 55.8  | 41.4  | 62.0  |



#52  
 Acenaphthene  
 Concen: 63.459 ng  
 RT: 9.77 min Scan# 1307  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.5 | 88.2  | 132.4 |
| 152     | 53.9  | 42.9  | 64.3  |

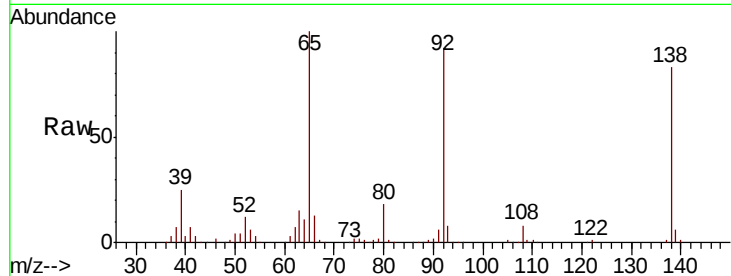




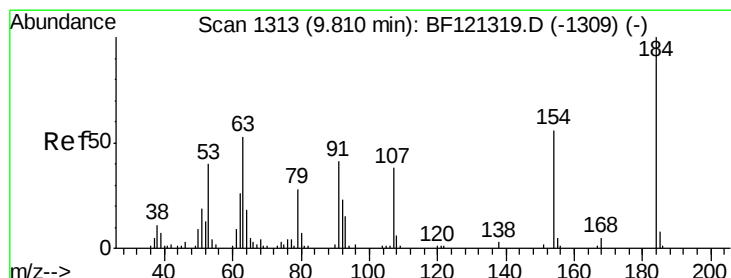
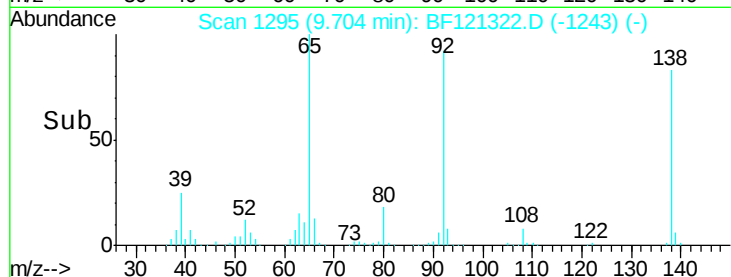
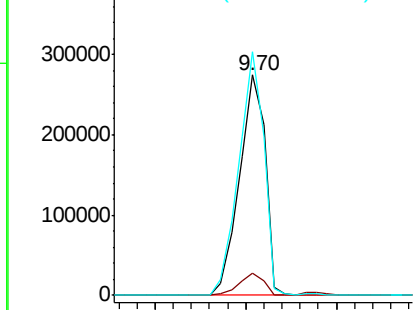
#53  
3-Nitroaniline  
Concen: 77.808 ng  
RT: 9.70 min Scan# 1295  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tot Ion:138 Resp: 271438  
Ion Ratio Lower Upper  
138 100  
108 9.9 7.0 10.6  
92 110.5 79.9 119.9

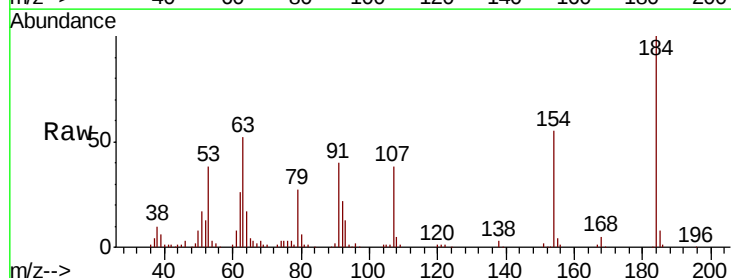


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

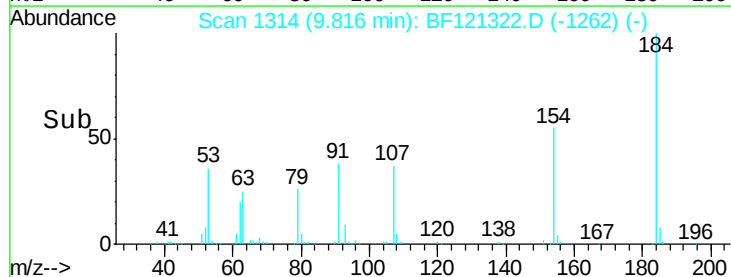
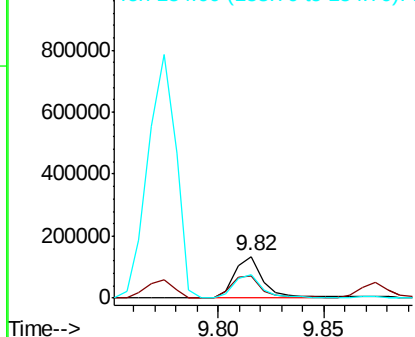


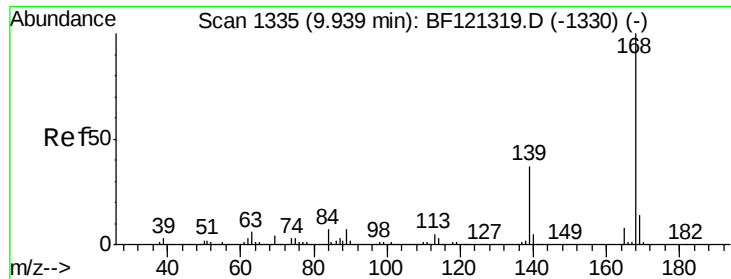
#54  
2,4-Dinitrophenol  
Concen: 139.652 ng  
RT: 9.82 min Scan# 1314  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

Tgt Ion:184 Resp: 126304  
Ion Ratio Lower Upper  
184 100  
63 52.0 42.6 63.8  
154 55.3 46.2 69.4



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

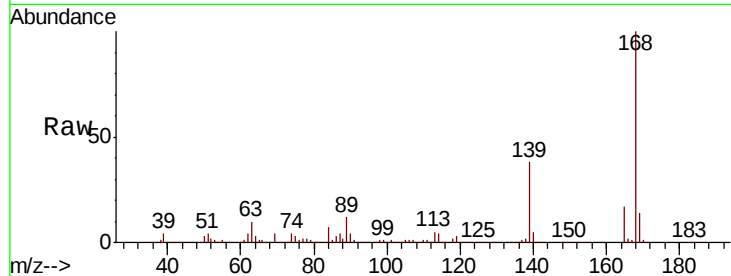




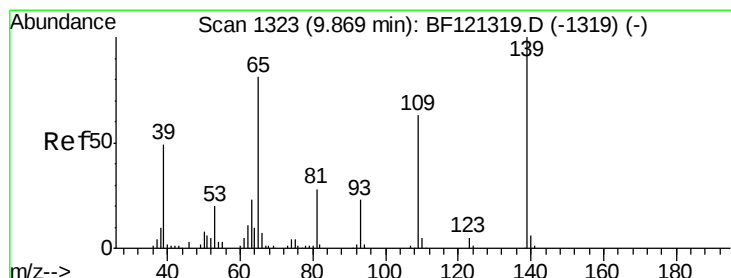
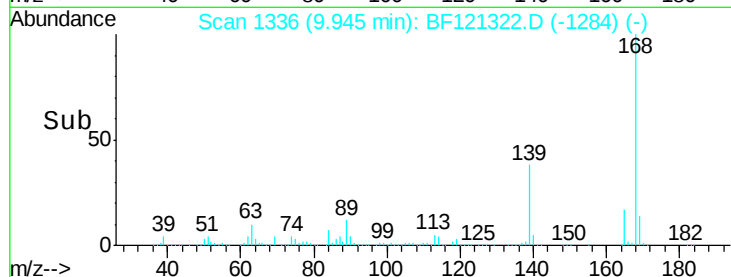
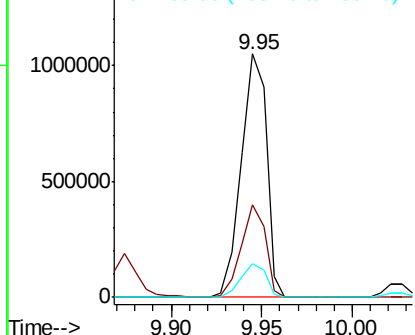
#55  
Dibenzofuran  
Concen: 56.274 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tot Ion:168 Resp: 1020988  
Ion Ratio Lower Upper  
168 100  
139 38.0 29.6 44.4  
169 13.6 11.1 16.7

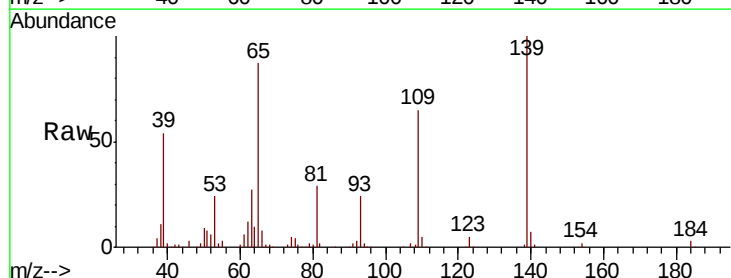


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

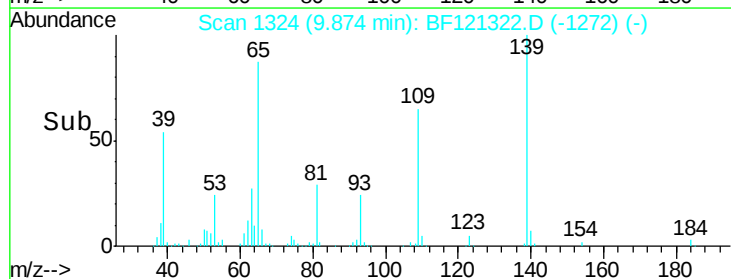
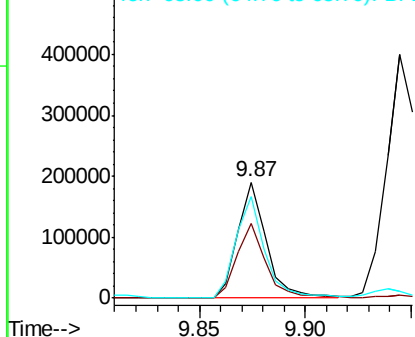


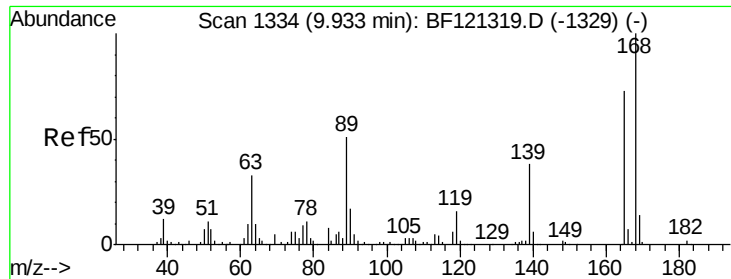
#56  
4-Nitrophenol  
Concen: 79.471 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

Tgt Ion:139 Resp: 178916  
Ion Ratio Lower Upper  
139 100  
109 64.8 43.0 83.0  
65 87.1 61.2 101.2



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

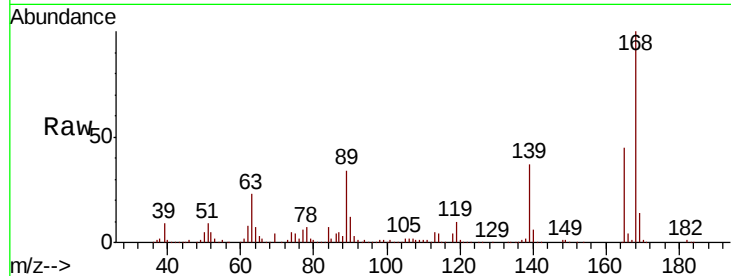




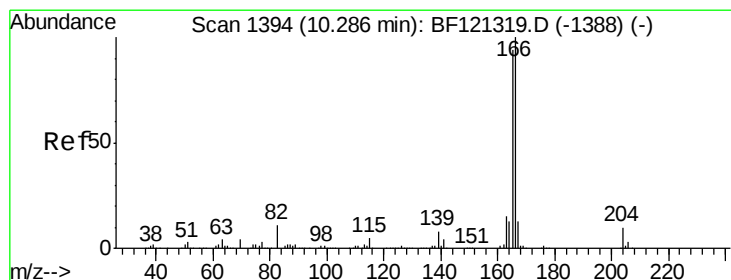
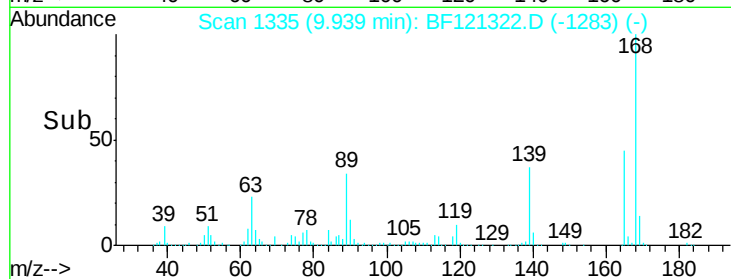
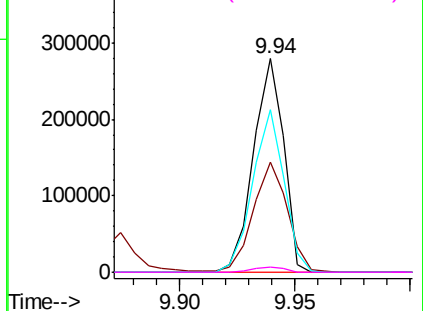
#57  
 2,4-Dinitrotoluene  
 Concen: 63.975 ng  
 RT: 9.94 min Scan# 1335  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 256521 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 51.8  | 36.0  | 54.0   |
| 89       | 76.4  | 56.2  | 84.2   |
| 182      | 2.4   | 2.1   | 3.1    |

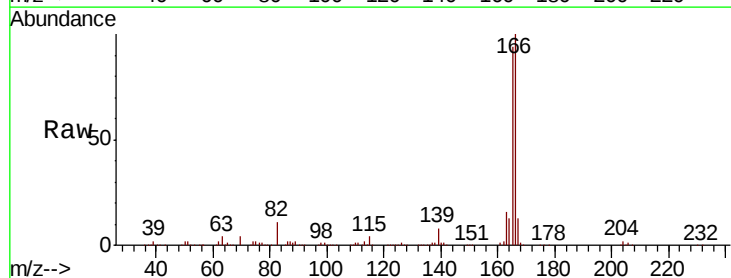


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1  
 Ion 182.00 (181.70 to 182.70): E

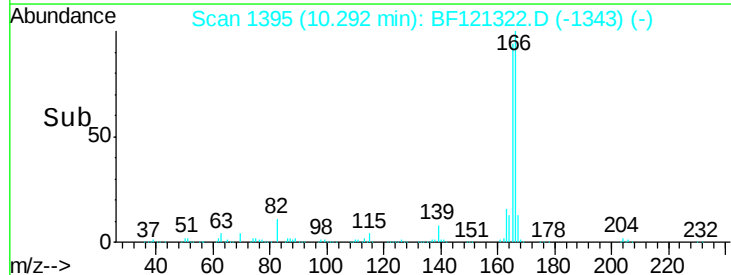
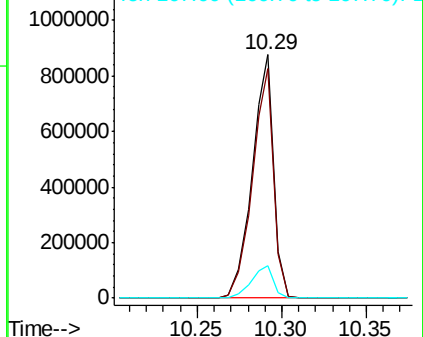


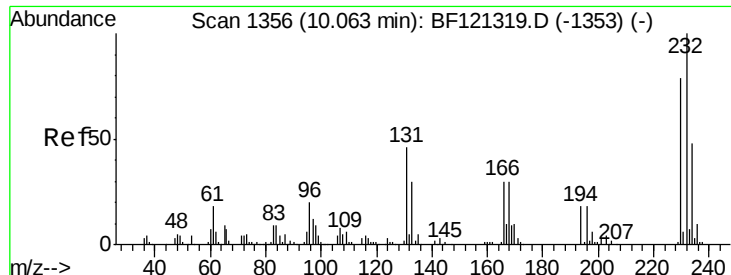
#58  
 Fluorene  
 Concen: 56.025 ng  
 RT: 10.29 min Scan# 1395  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 769428 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 94.3  | 75.2  | 112.8  |
| 167      | 13.2  | 10.8  | 16.2   |



Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

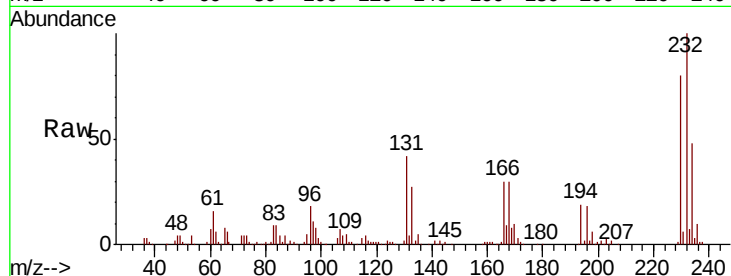




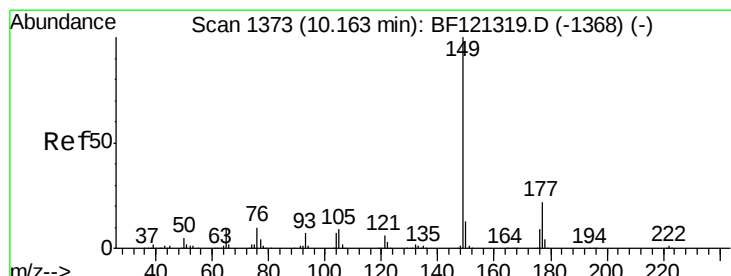
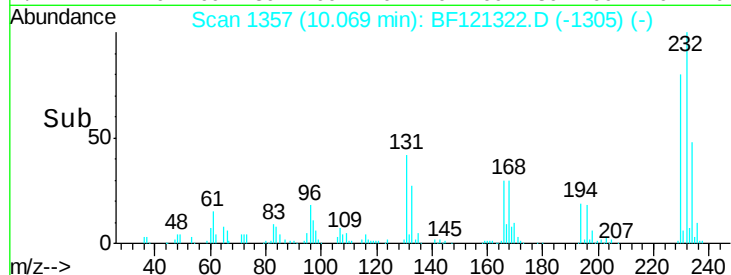
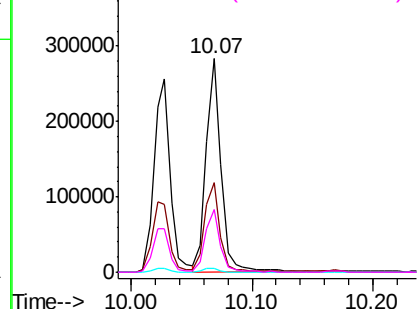
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 73.699 ng  
 RT: 10.07 min Scan# 1357  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 245669 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 42.7  | 35.1  | 52.7   |
| 130      | 2.1   | 1.5   | 2.3    |
| 166      | 29.1  | 22.4  | 33.6   |

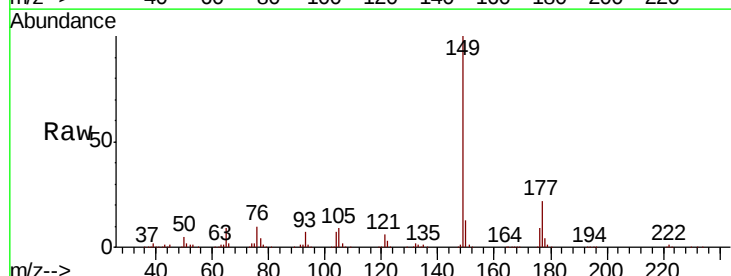


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

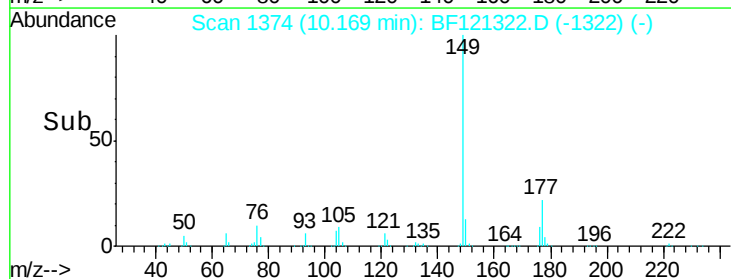
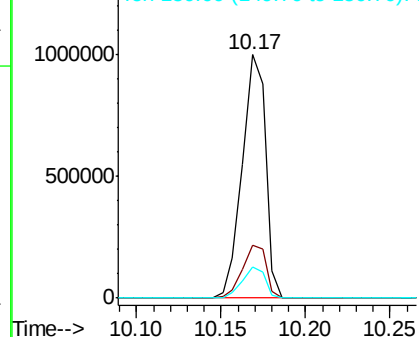


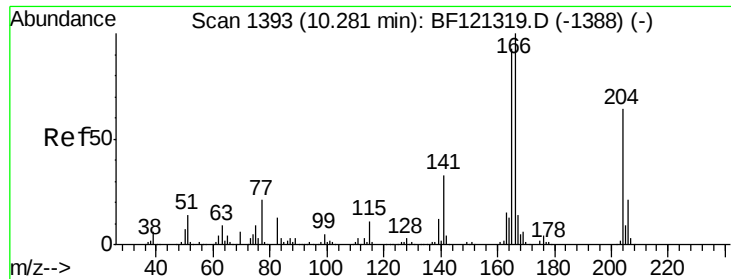
#60  
 Diethylphthalate  
 Concen: 69.251 ng  
 RT: 10.17 min Scan# 1374  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 965217 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 21.6  | 17.3  | 25.9   |
| 150      | 12.8  | 10.1  | 15.1   |



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

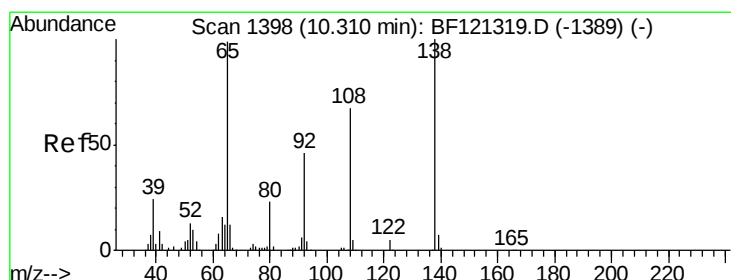
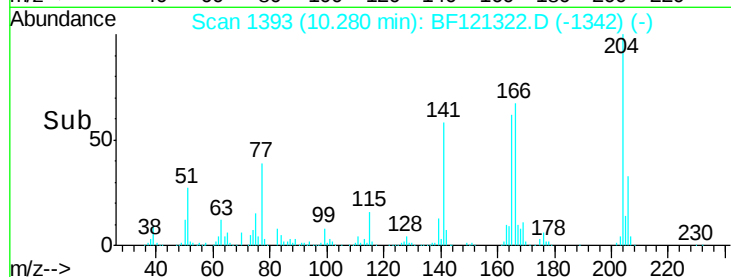
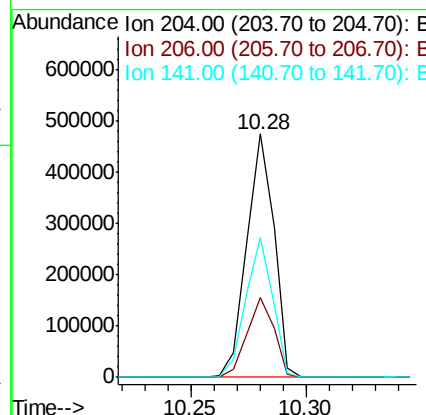
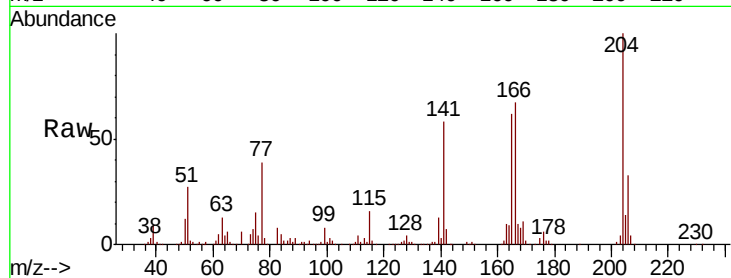




#61  
4-Chlorophenyl-phenylether  
Concen: 58.885 ng  
RT: 10.28 min Scan# 1393  
Delta R.T. -0.00 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

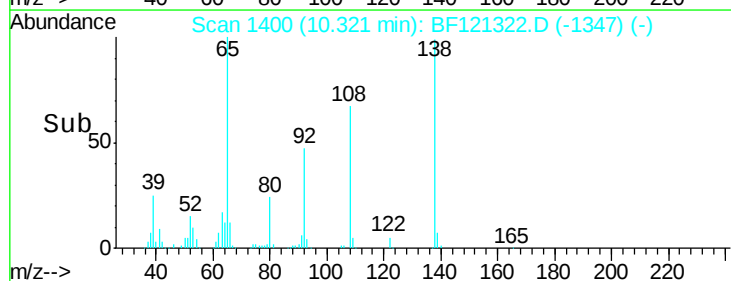
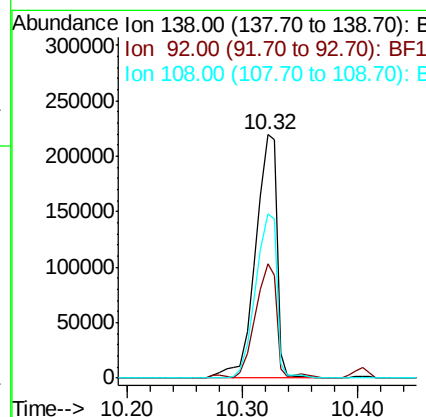
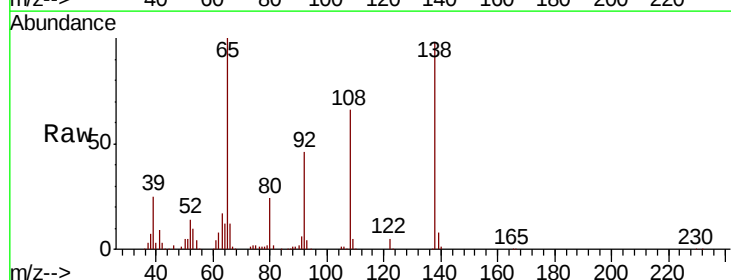
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

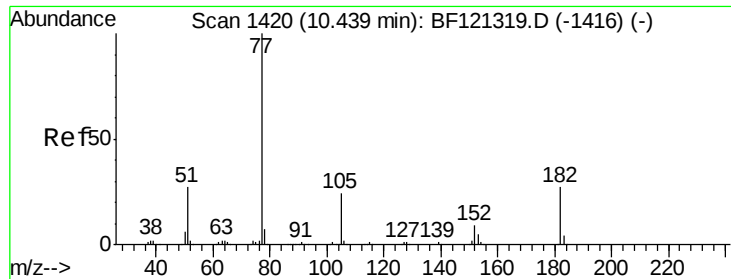
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.7  | 26.1  | 39.1  |
| 141     | 57.7  | 41.3  | 61.9  |



#62  
4-Nitroaniline  
Concen: 81.854 ng  
RT: 10.32 min Scan# 1400  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 47.1  | 26.0  | 66.0  |
| 108     | 67.5  | 46.8  | 86.8  |

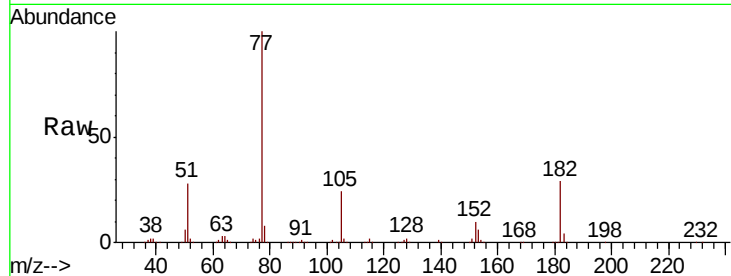




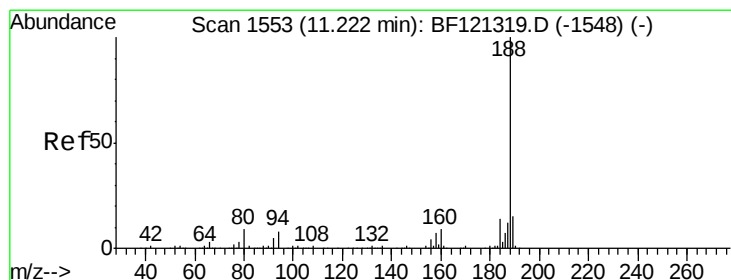
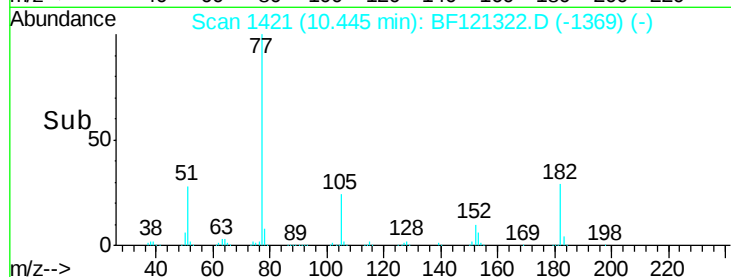
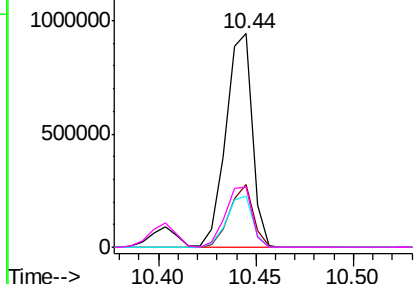
#63  
Azobenzene  
Concen: 63.473 ng  
RT: 10.44 min Scan# 1421  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 29.1  | 6.9   | 46.9  |
| 105     | 24.2  | 3.9   | 43.9  |
| 51      | 28.1  | 7.6   | 47.6  |

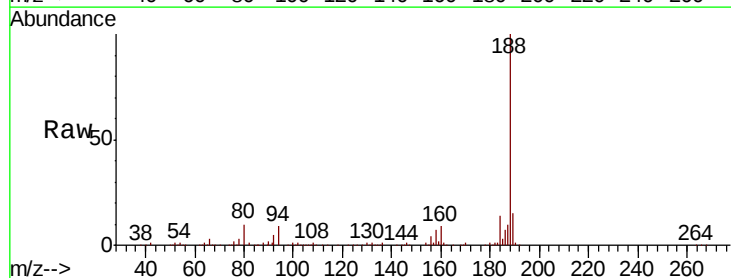


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): BF1  
Ion 105.00 (104.70 to 105.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1

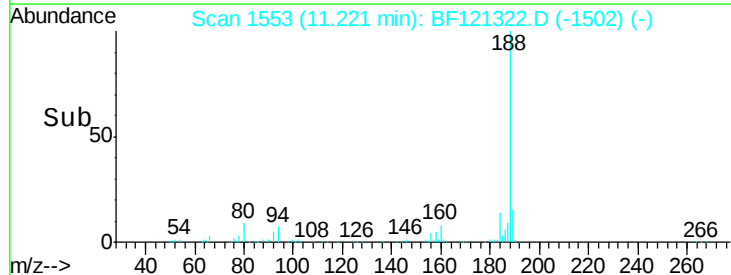
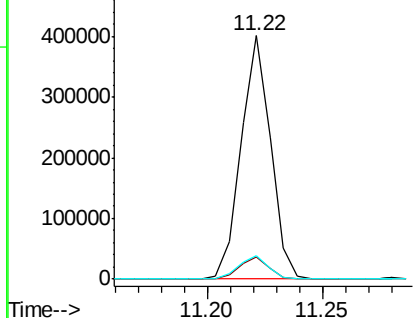


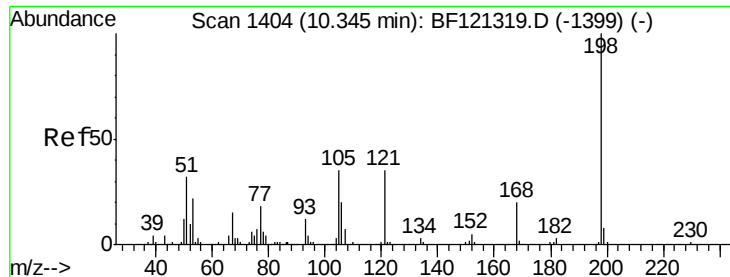
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.22 min Scan# 1553  
Delta R.T. -0.00 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.9   | 6.6   | 9.8   |
| 80      | 9.7   | 7.1   | 10.7  |



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: 81.261 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

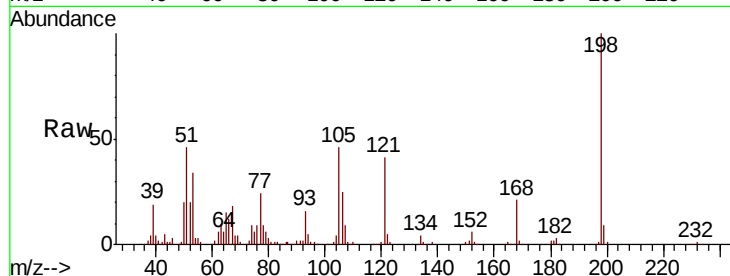
Tot Ion:198 Resp: 161448

Ion Ratio Lower Upper

198 100

51 45.6 15.0 55.0

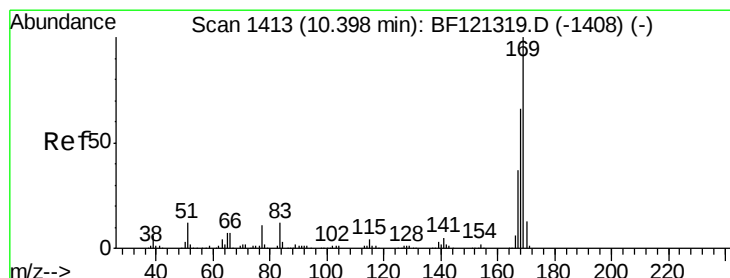
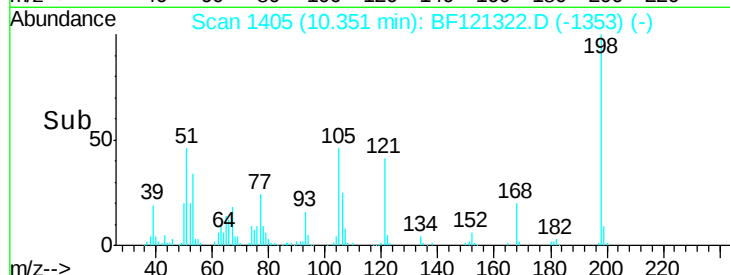
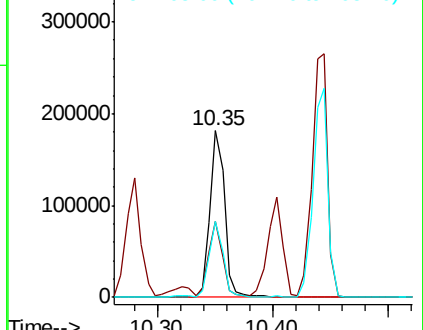
105 45.6 15.9 55.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 62.988 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

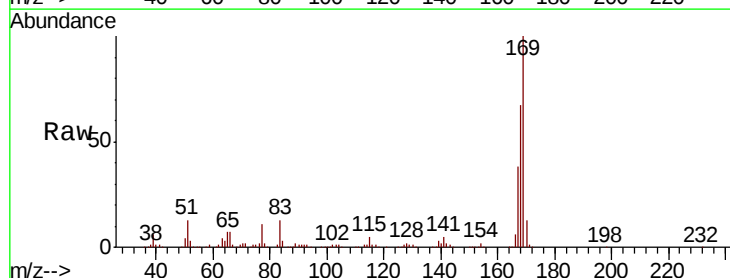
Tgt Ion:169 Resp: 774558

Ion Ratio Lower Upper

169 100

168 67.5 53.1 79.7

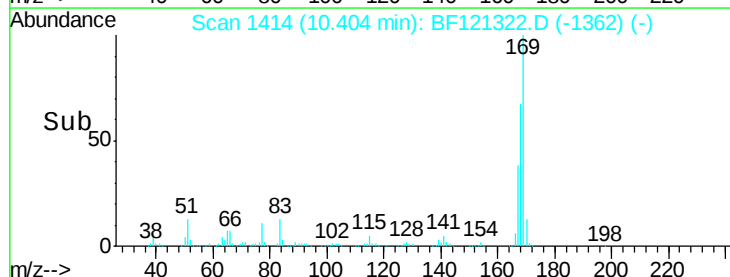
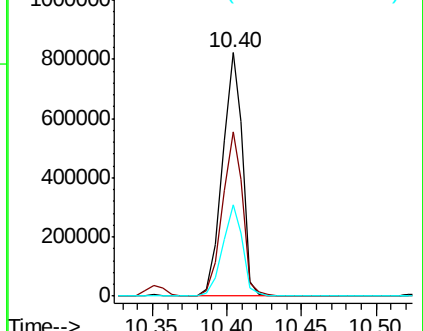
167 37.6 29.3 43.9

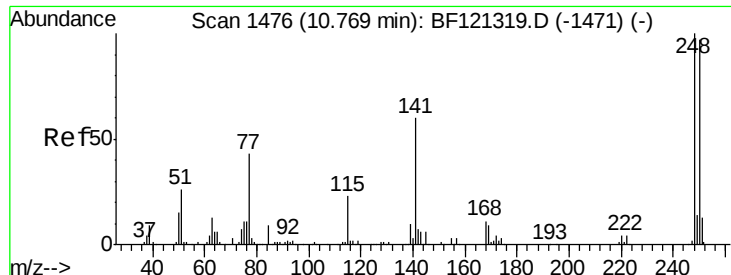


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

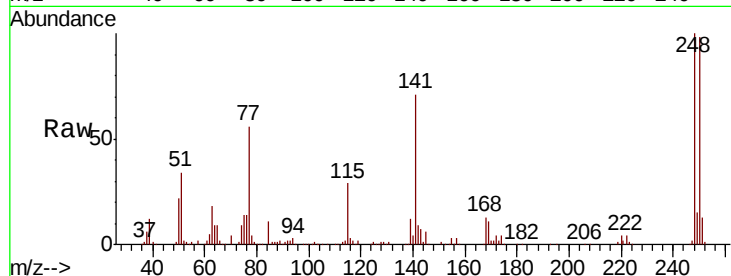




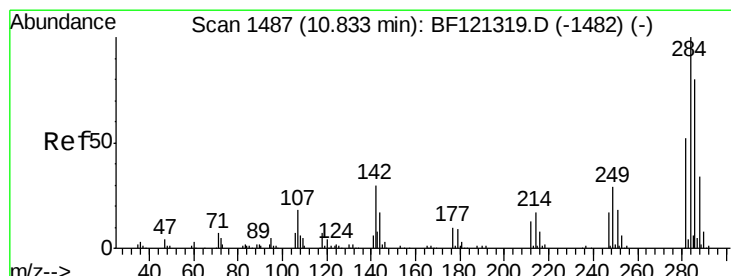
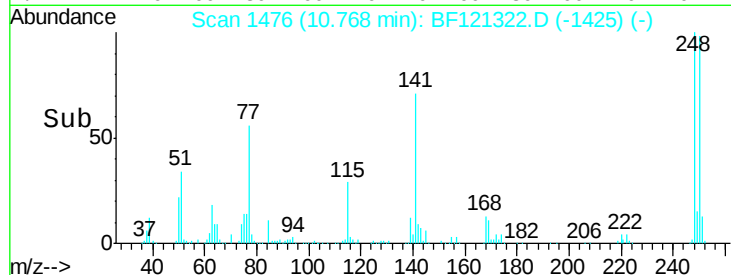
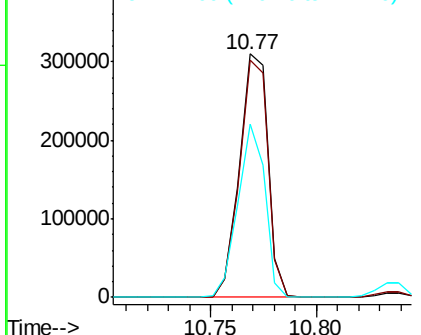
#67  
 4-Bromophenyl-phenylether  
 Concen: 69.176 ng  
 RT: 10.77 min Scan# 1476  
 Delta R.T. -0.00 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tot Ion:248 Resp: 289382  
 Ion Ratio Lower Upper  
 248 100  
 250 97.7 77.7 116.5  
 141 70.9 48.0 72.0

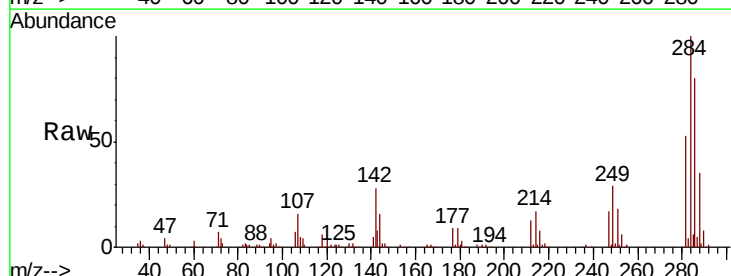


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

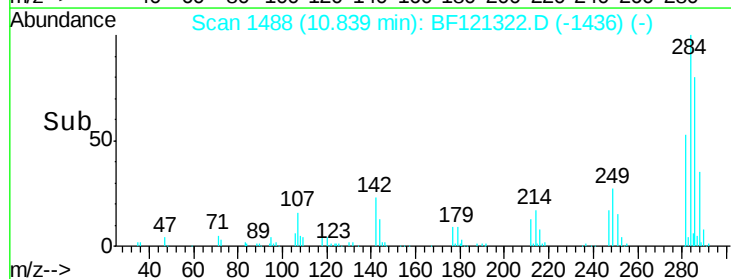
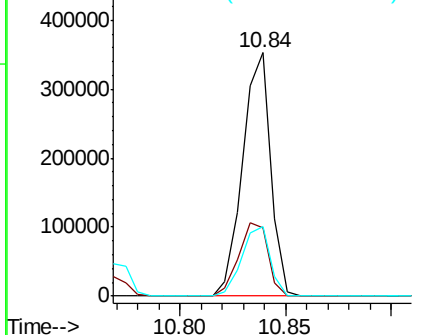


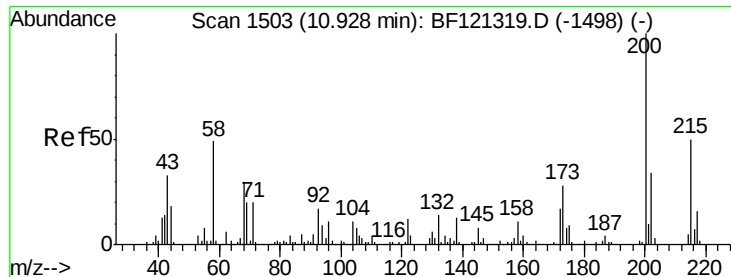
#68  
 Hexachlorobenzene  
 Concen: 67.959 ng  
 RT: 10.84 min Scan# 1488  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

Tgt Ion:284 Resp: 324184  
 Ion Ratio Lower Upper  
 284 100  
 142 28.1 23.7 35.5  
 249 28.5 22.9 34.3



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: 71.107 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

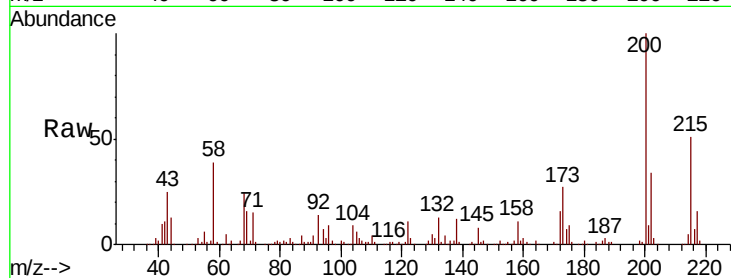
Tot Ion:200 Resp: 261542

Ion Ratio Lower Upper

200 100

173 27.2 8.4 48.4

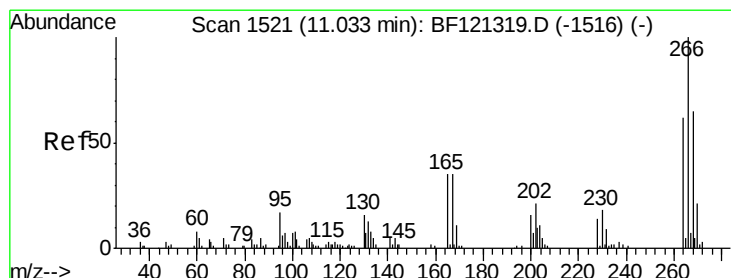
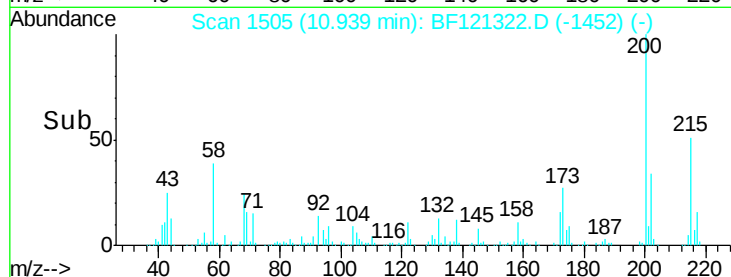
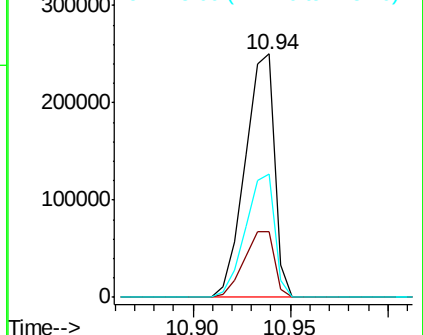
215 50.6 29.9 69.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 99.969 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

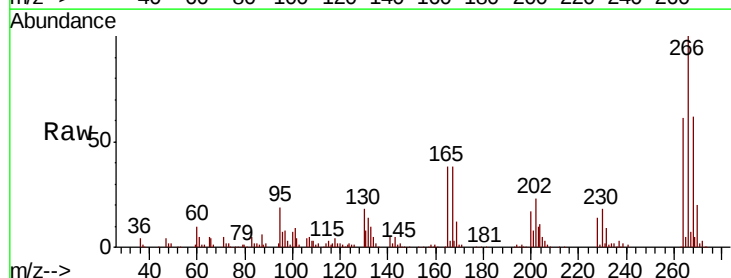
Tgt Ion:266 Resp: 175730

Ion Ratio Lower Upper

266 100

268 61.9 51.9 77.9

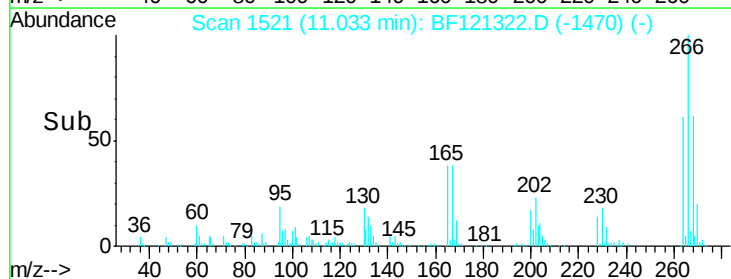
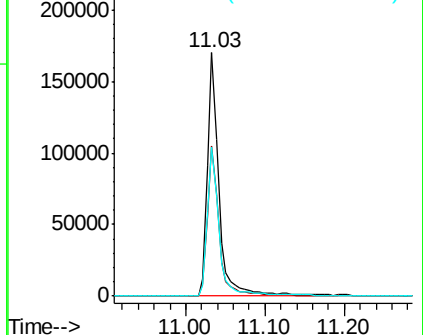
264 61.2 49.3 73.9

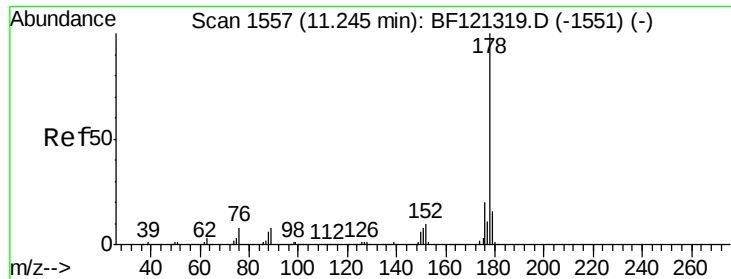


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

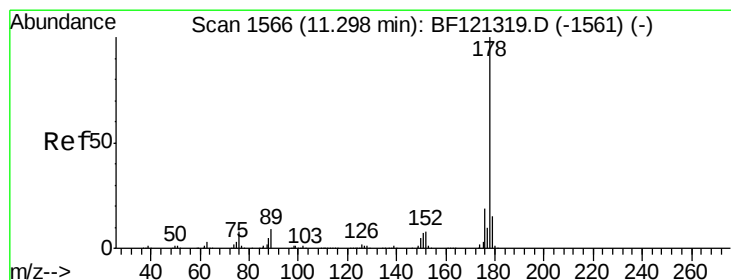
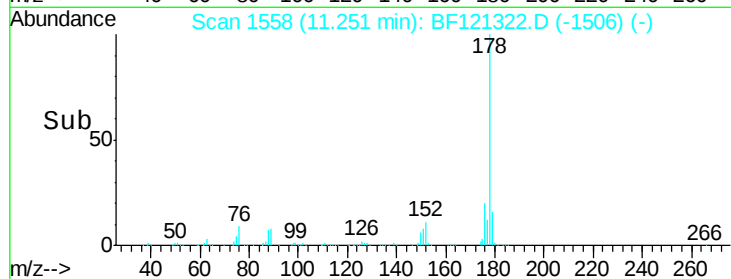
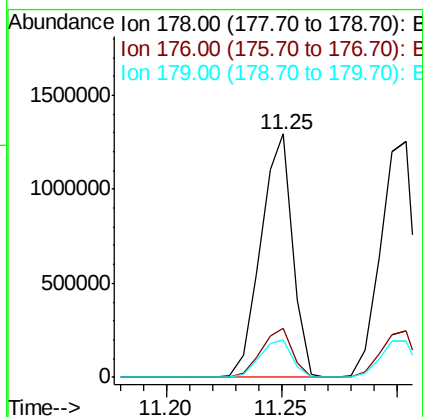
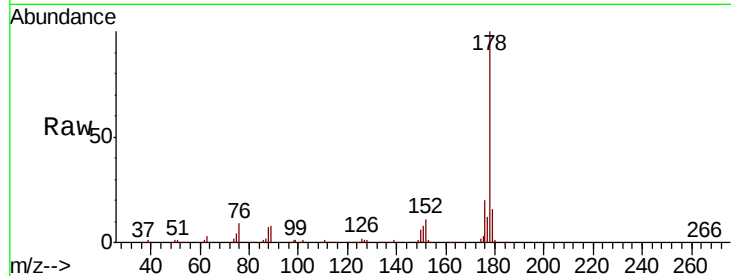




#71  
Phenanthrene  
Concen: 60.144 ng  
RT: 11.25 min Scan# 1558  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

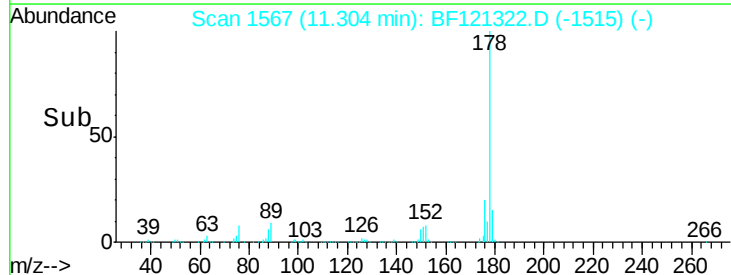
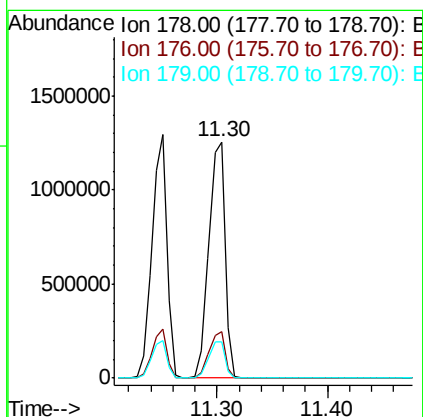
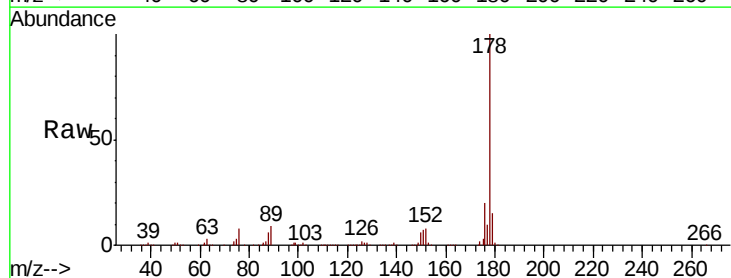
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

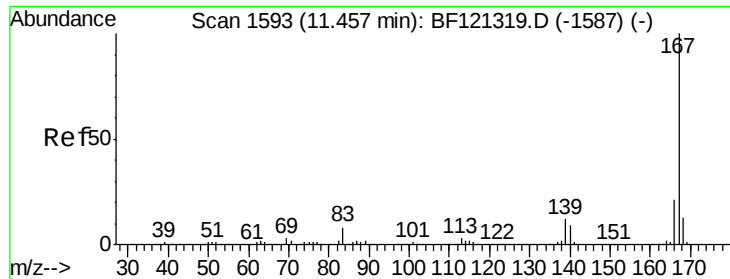
Tot Ion:178 Resp: 1233968  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.8 23.8  
179 15.6 12.4 18.6



#72  
Anthracene  
Concen: 60.687 ng  
RT: 11.30 min Scan# 1567  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

Tgt Ion:178 Resp: 1249473  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.1 22.7  
179 15.4 12.4 18.6

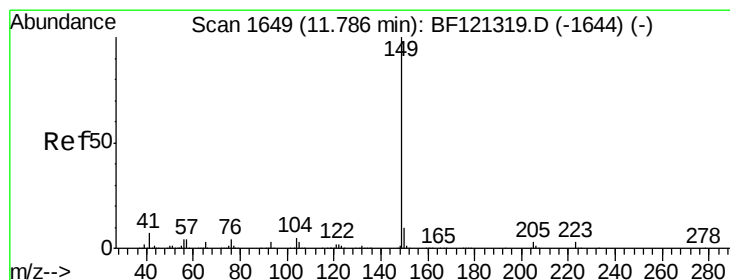
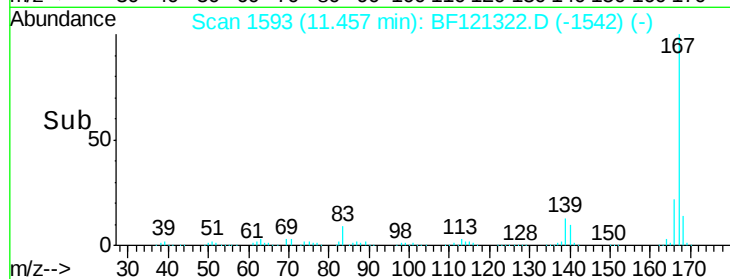
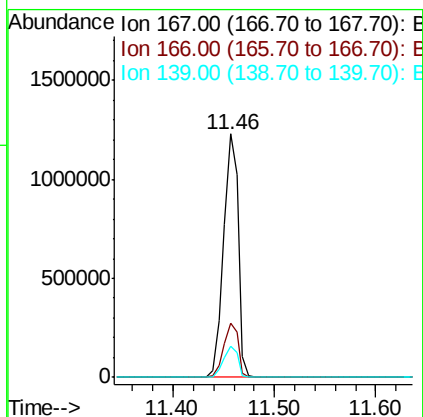
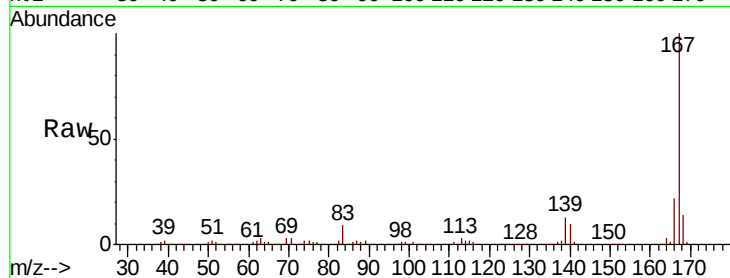




#73  
 Carbazole  
 Concen: 60.911 ng  
 RT: 11.46 min Scan# 1593  
 Delta R.T. -0.00 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

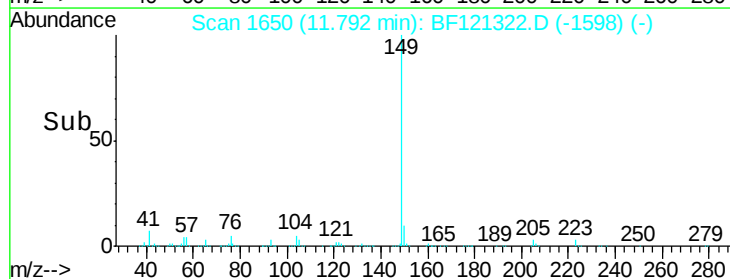
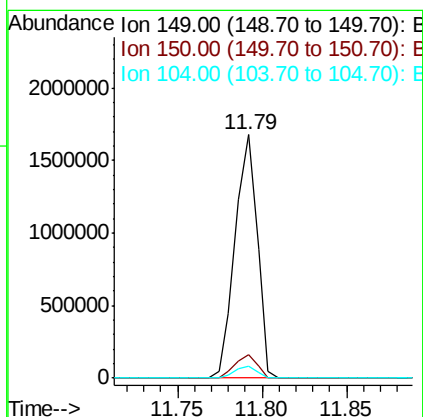
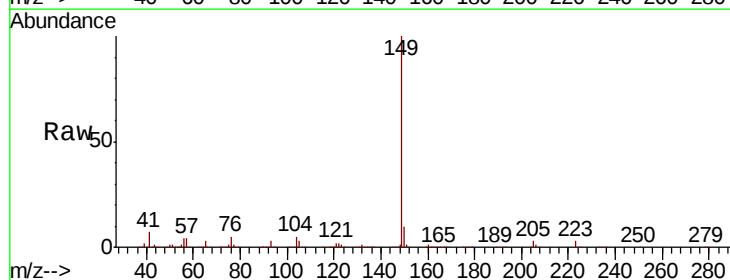
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

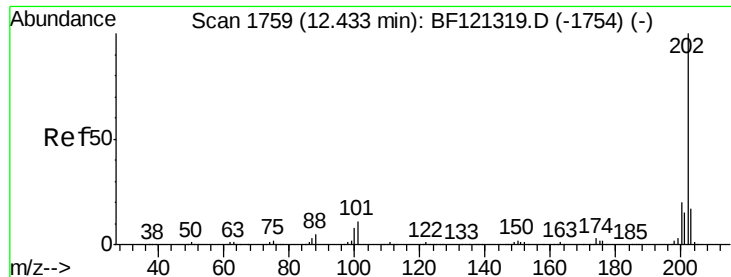
Tot Ion:167 Resp: 1226487  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 17.1 25.7  
 139 13.1 9.4 14.2



#74  
 Di-n-butylphthalate  
 Concen: 67.507 ng  
 RT: 11.79 min Scan# 1650  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

Tgt Ion:149 Resp: 1534283  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.6 11.4  
 104 4.9 3.7 5.5

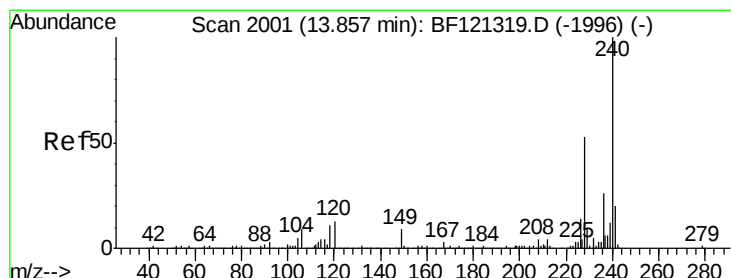
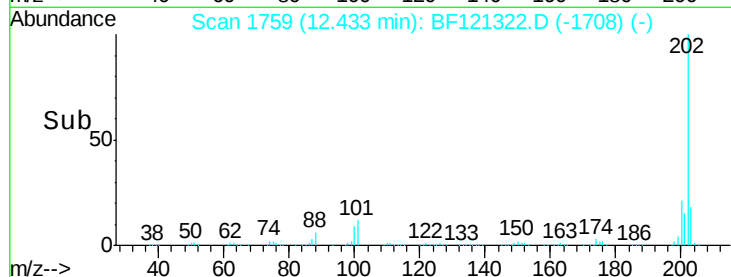
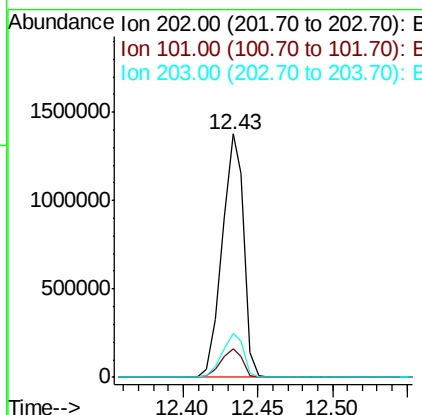
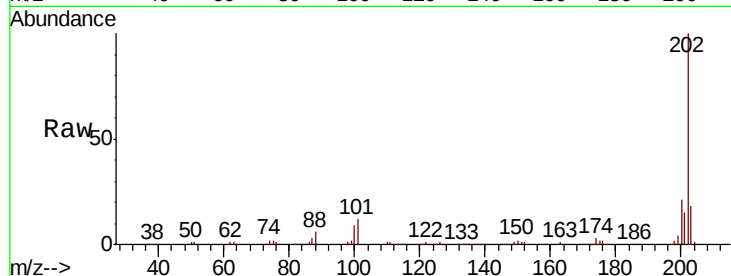




#75  
 Fluoranthene  
 Concen: 61.370 ng  
 RT: 12.43 min Scan# 1759  
 Delta R.T. -0.00 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

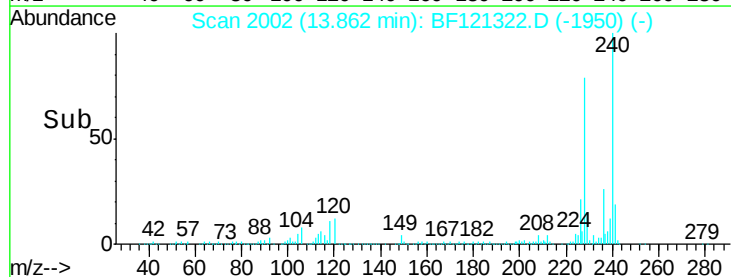
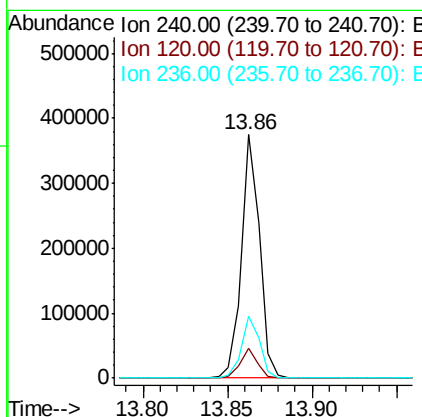
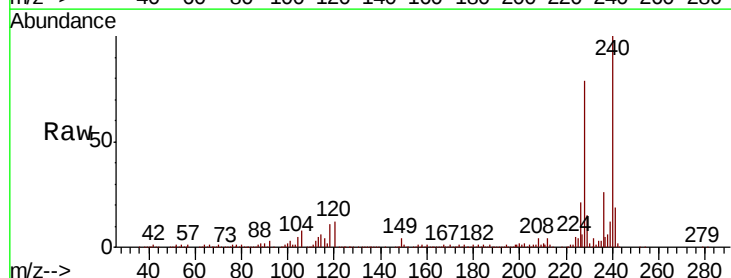
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

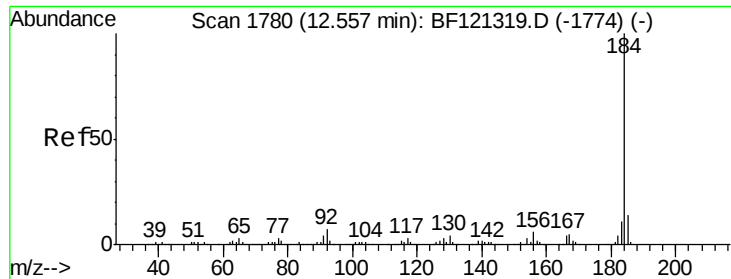
Tot Ion:202 Resp: 1402043  
 Ion Ratio Lower Upper  
 202 100  
 101 11.7 0.0 30.6  
 203 18.2 0.0 37.4



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.86 min Scan# 2002  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

Tgt Ion:240 Resp: 280319  
 Ion Ratio Lower Upper  
 240 100  
 120 12.1 10.2 15.2  
 236 25.5 21.1 31.7





#77

Benzidine

Concen: 78.831 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

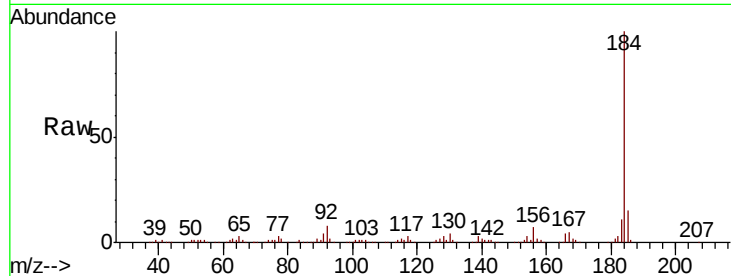
Tot Ion:184 Resp: 580928

Ion Ratio Lower Upper

184 100

185 14.7 11.4 17.2

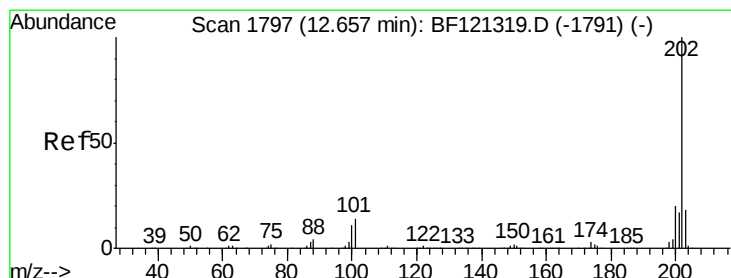
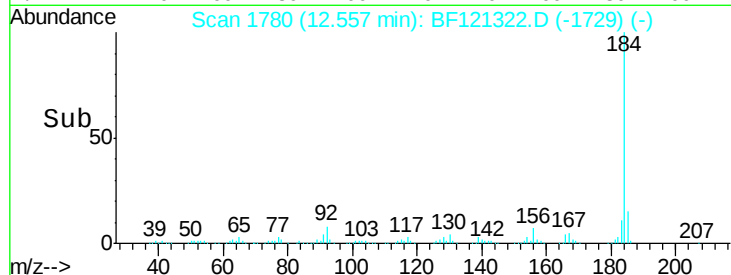
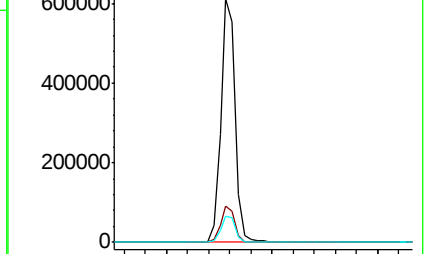
183 10.9 8.6 13.0



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: 68.964 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

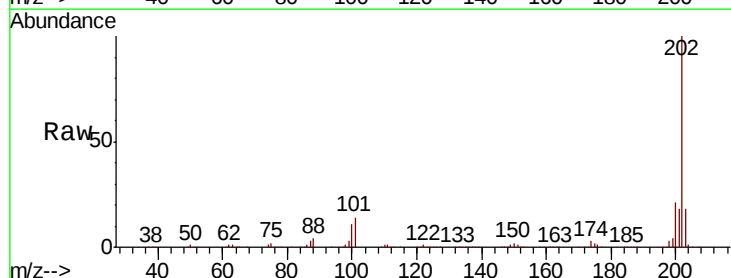
Tgt Ion:202 Resp: 1439604

Ion Ratio Lower Upper

202 100

200 21.2 16.4 24.6

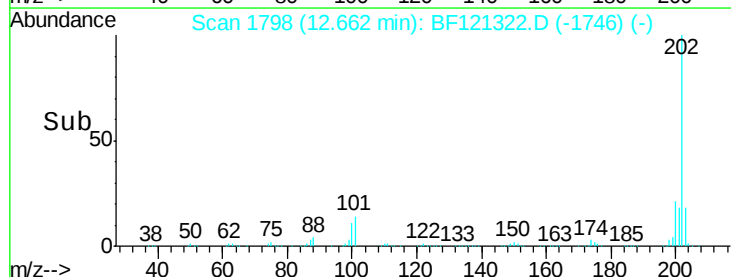
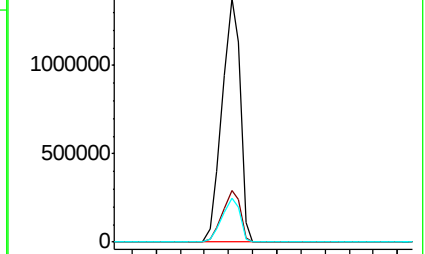
203 18.1 14.1 21.1

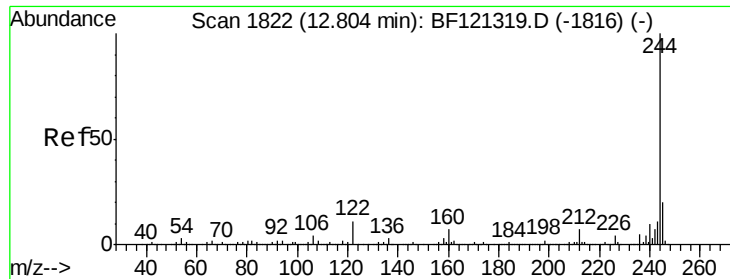


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

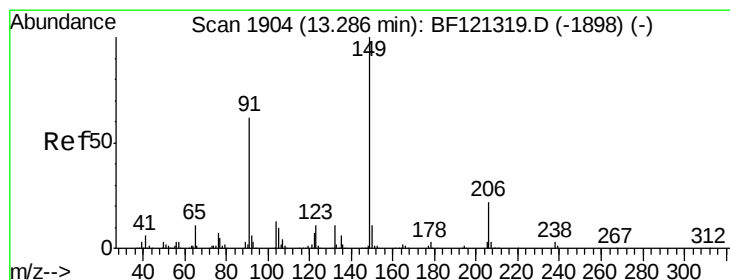
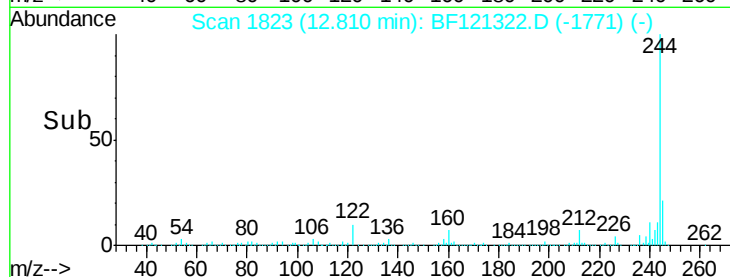
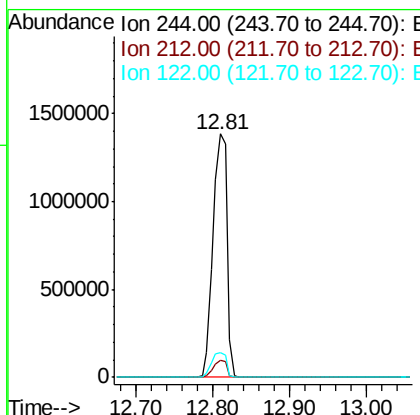
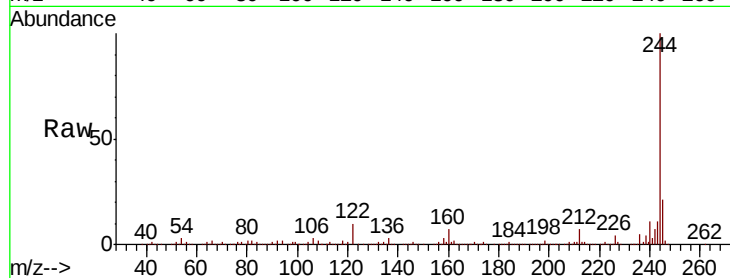




#79  
 Terphenyl-d14  
 Concen: 119.150 ng  
 RT: 12.81 min Scan# 1823  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

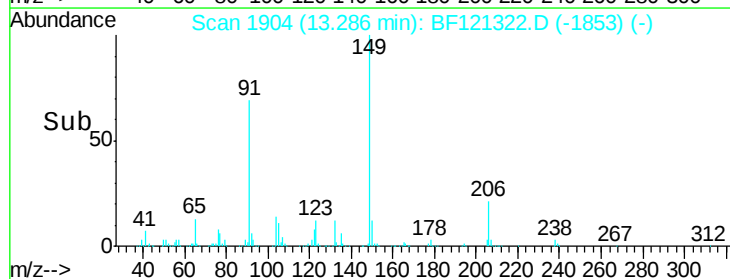
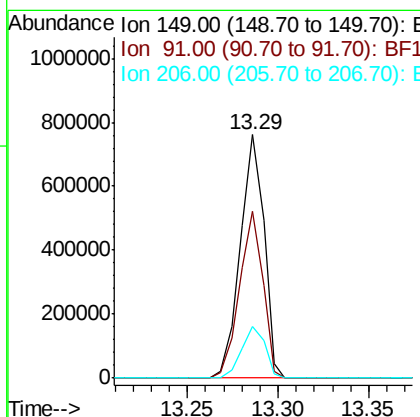
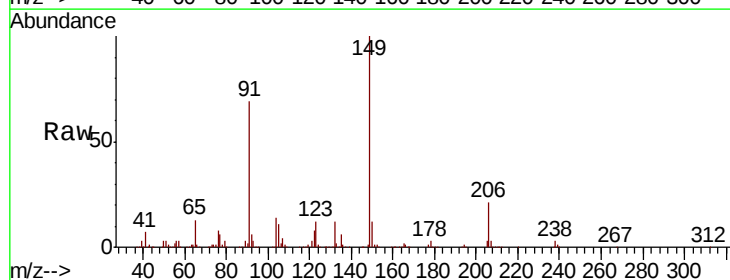
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

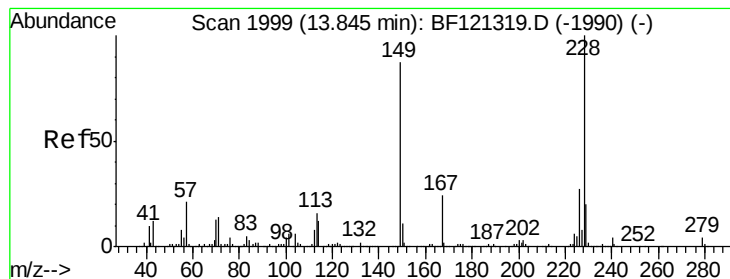
Tot Ion:244 Resp: 1713392  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.5 8.3  
 122 10.0 9.0 13.6



#80  
 Butylbenzylphthalate  
 Concen: 81.383 ng  
 RT: 13.29 min Scan# 1904  
 Delta R.T. -0.00 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

Tgt Ion:149 Resp: 693936  
 Ion Ratio Lower Upper  
 149 100  
 91 68.7 49.9 74.9  
 206 21.1 17.4 26.2





#81

Benzo(a)anthracene

Concen: 58.798 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

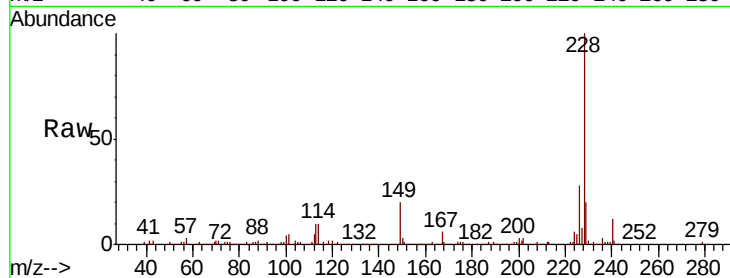
Tot Ion:228 Resp: 1117906

Ion Ratio Lower Upper

228 100

226 28.1 22.0 33.0

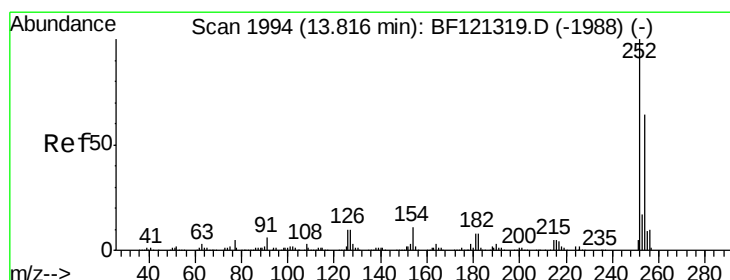
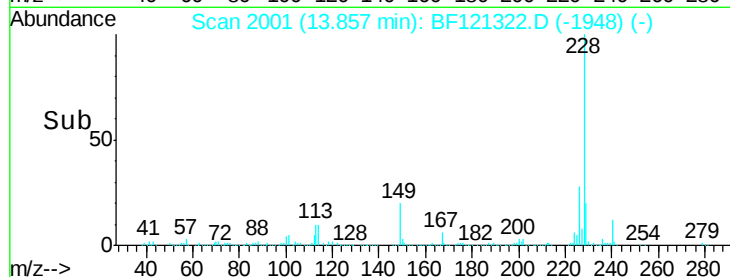
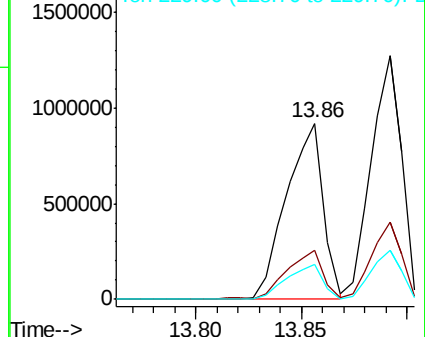
229 20.1 16.1 24.1



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: 65.353 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

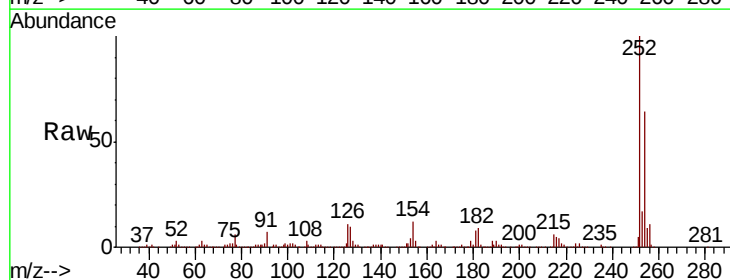
Tgt Ion:252 Resp: 492978

Ion Ratio Lower Upper

252 100

254 64.1 50.8 76.2

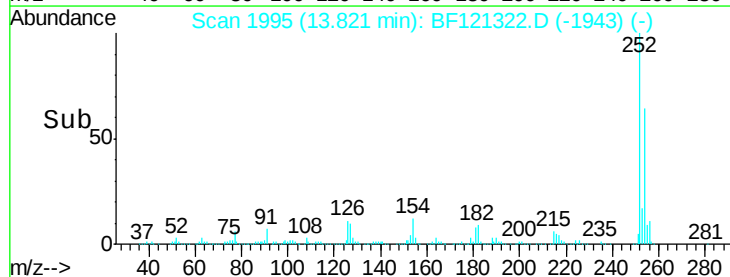
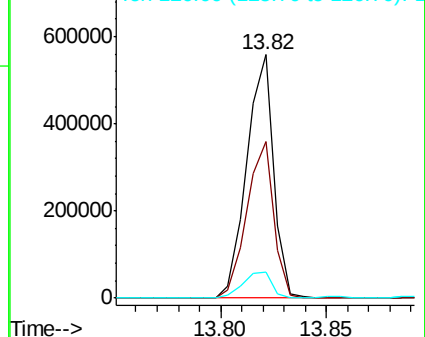
126 10.6 7.9 11.9

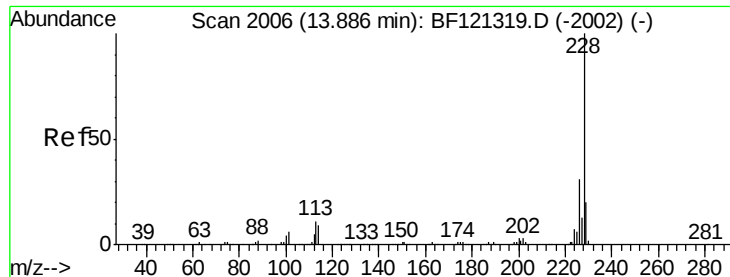


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 65.915 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

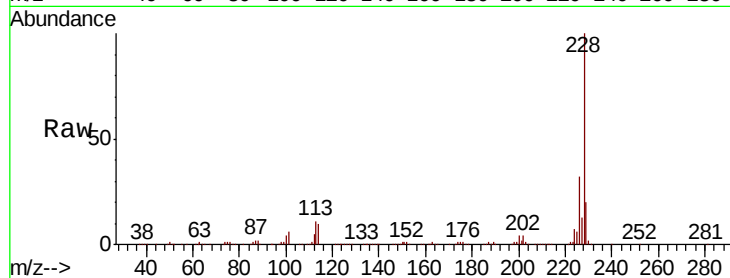
Tot Ion:228 Resp: 1279519

Ion Ratio Lower Upper

228 100

226 31.9 24.5 36.7

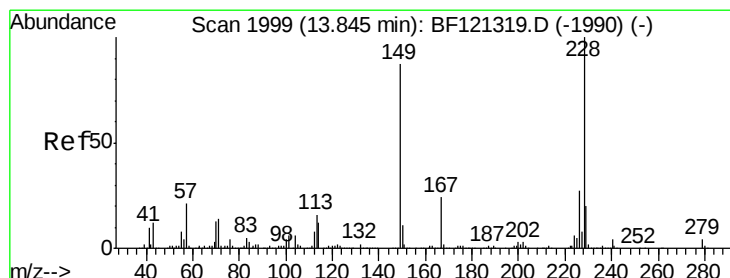
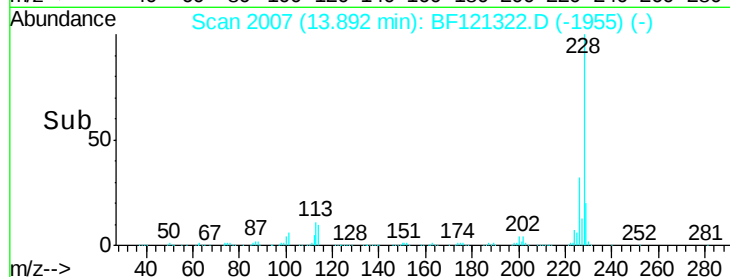
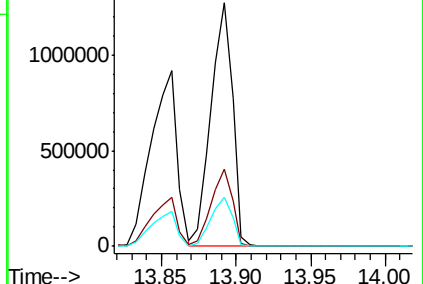
229 20.1 15.9 23.9



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: 65.165 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

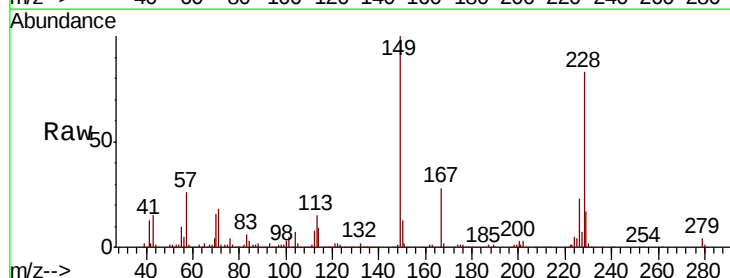
Tgt Ion:149 Resp: 765868

Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

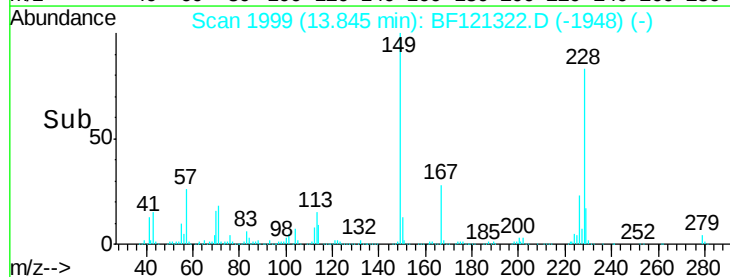
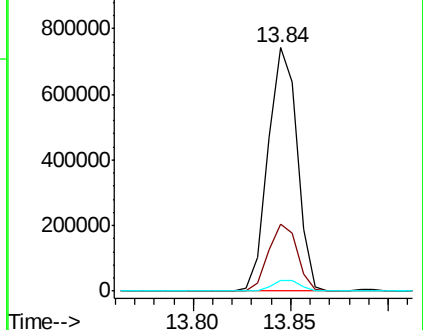
279 4.2 3.3 4.9

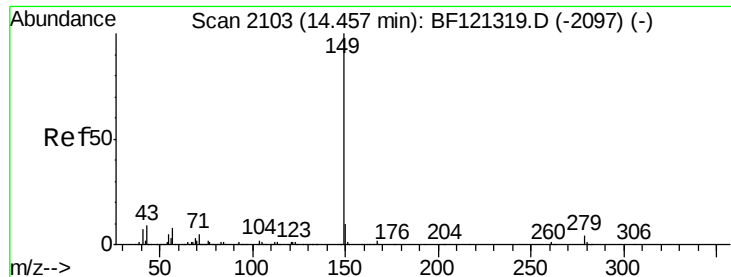


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

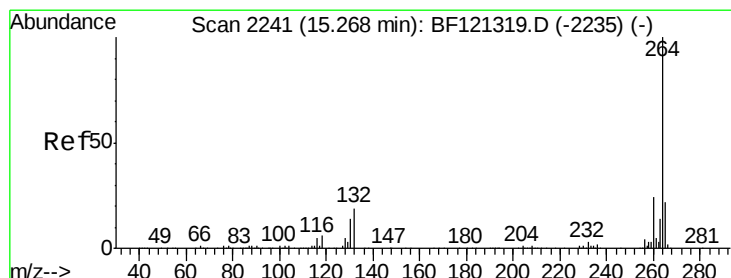
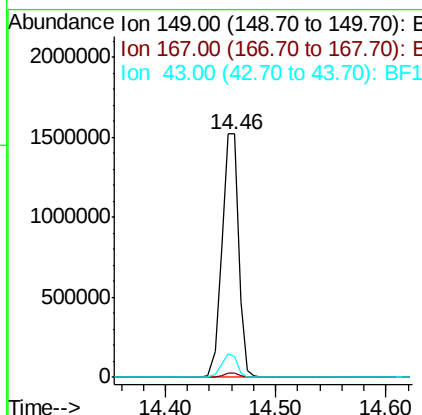
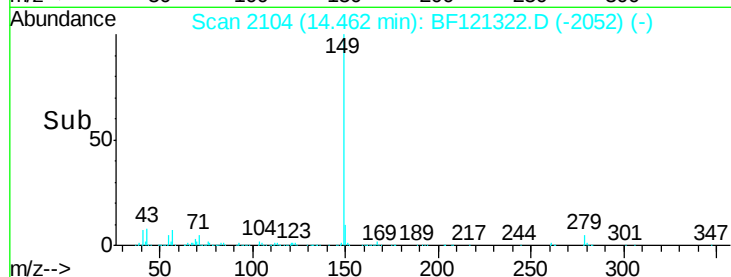
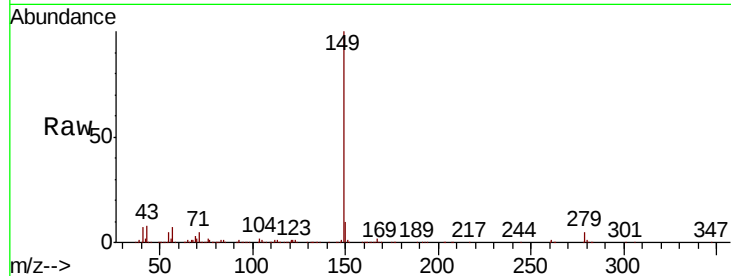




#85  
Di-n-octyl phthalate  
Concen: 74.718 ng  
RT: 14.46 min Scan# 2104  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

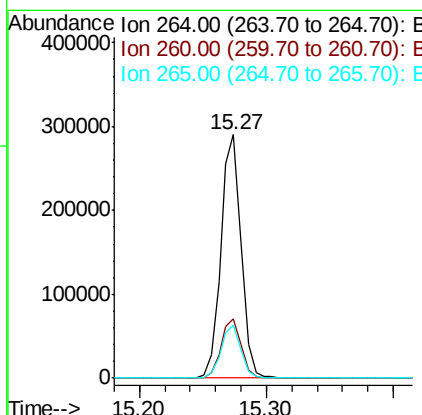
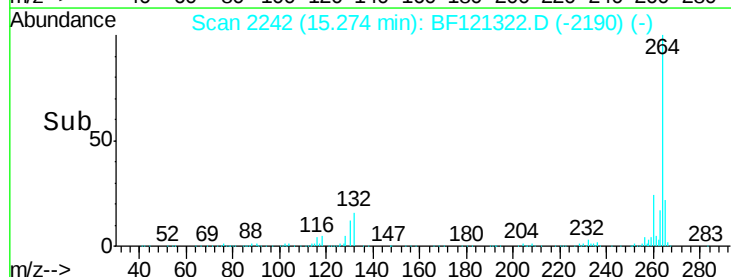
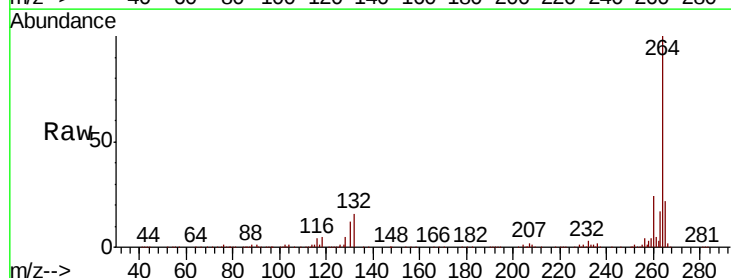
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

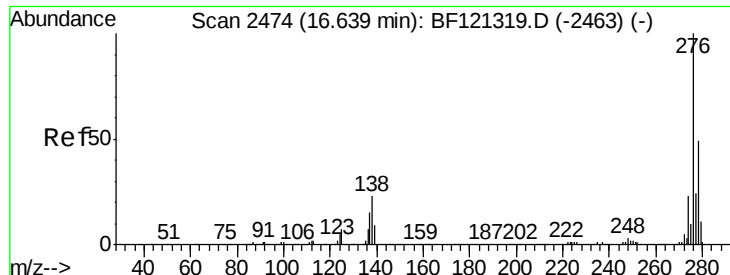
Tot Ion:149 Resp: 1610043  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 9.3 7.4 11.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.27 min Scan# 2242  
Delta R.T. 0.01 min  
Lab File: BF121322.D  
Acq: 18 Aug 2020 13:05

Tgt Ion:264 Resp: 321476  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.6 29.4  
265 21.9 17.5 26.3

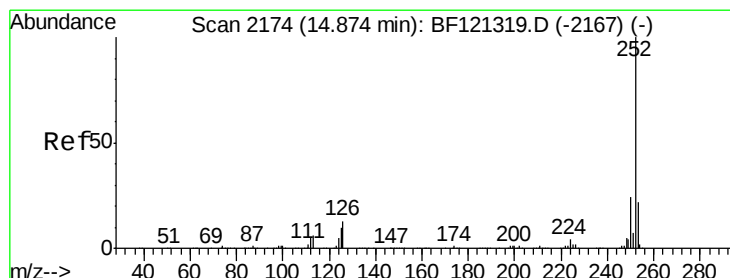
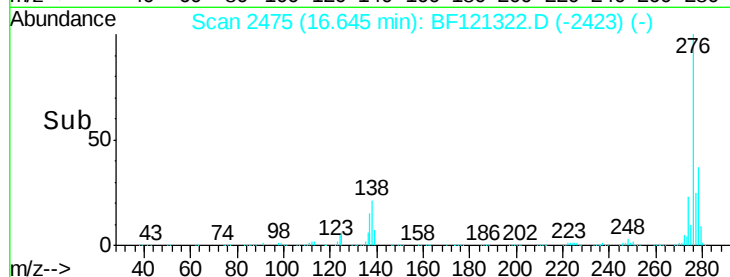
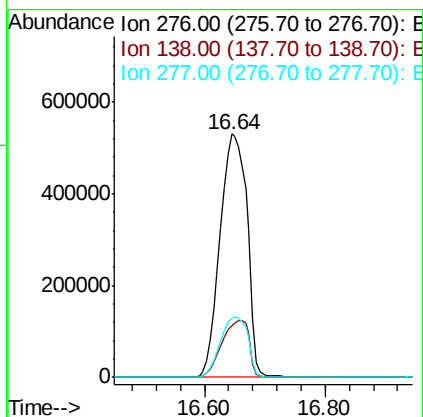
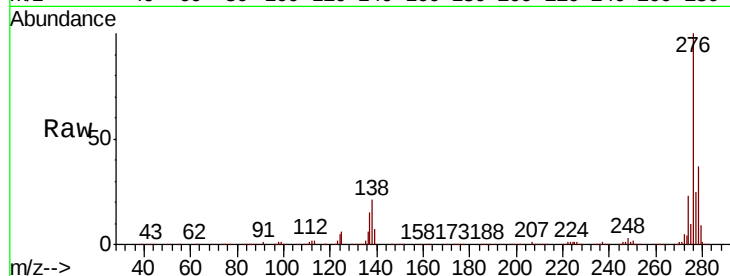




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 69.346 ng  
 RT: 16.64 min Scan# 2475  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

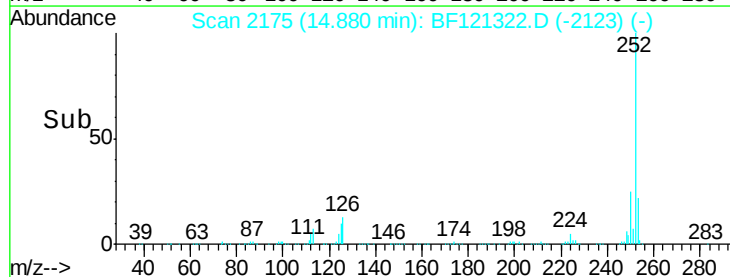
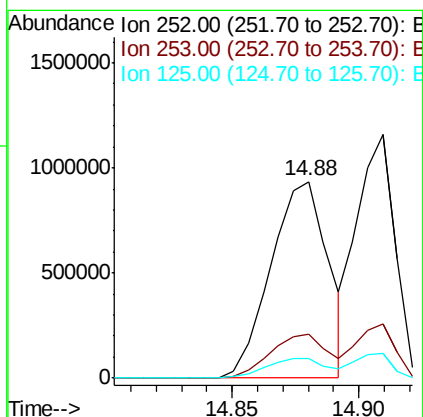
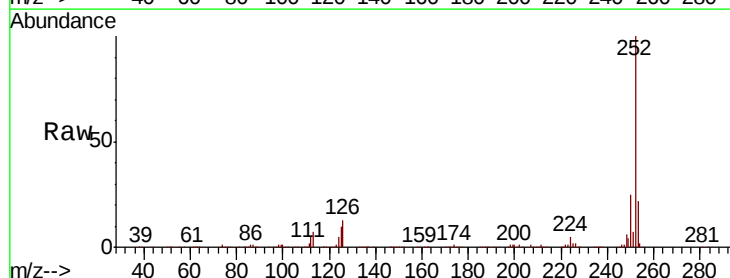
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

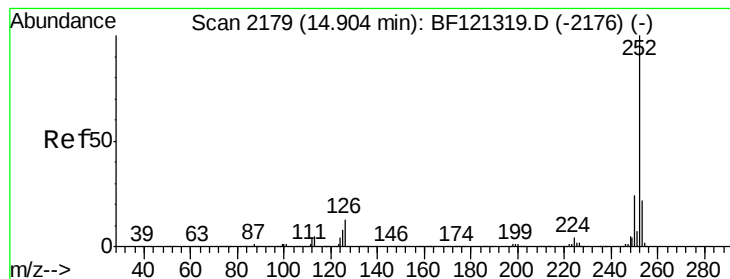
Tot Ion:276 Resp: 1657474  
 Ion Ratio Lower Upper  
 276 100  
 138 23.8 19.4 29.0  
 277 25.4 20.1 30.1



#88  
 Benzo(b)fluoranthene  
 Concen: 68.397 ng  
 RT: 14.88 min Scan# 2175  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

Tgt Ion:252 Resp: 1473284  
 Ion Ratio Lower Upper  
 252 100  
 253 22.3 17.8 26.8  
 125 9.9 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 61.145 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

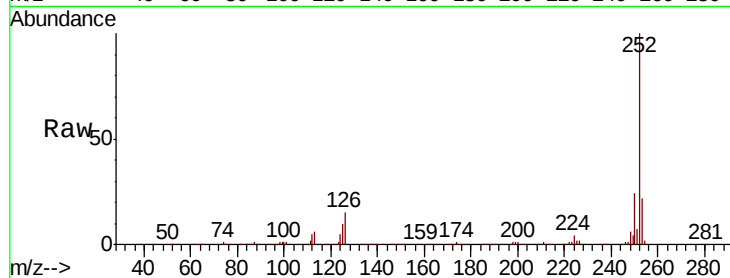
Tot Ion:252 Resp: 1223055

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

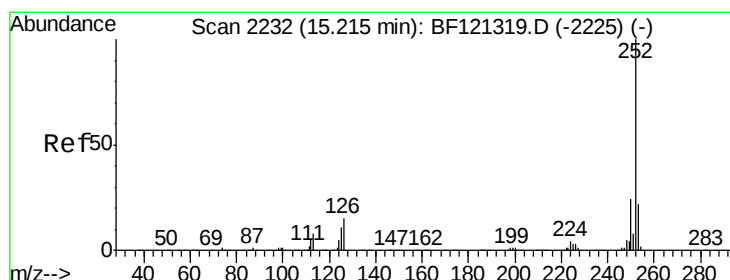
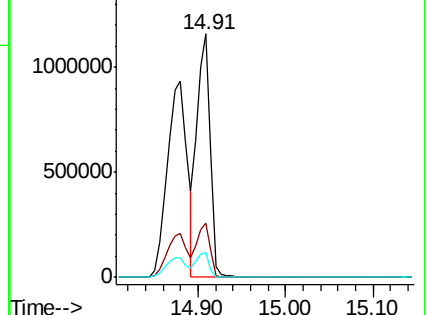
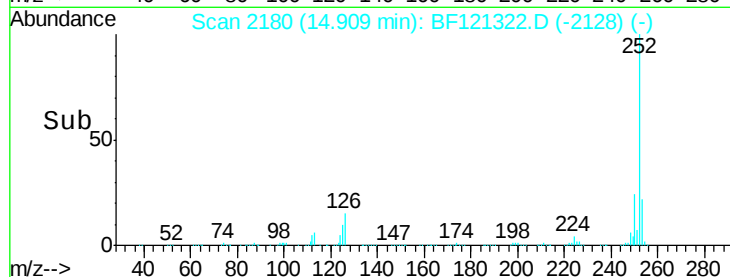
125 10.1 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 67.110 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF121322.D

Acq: 18 Aug 2020 13:05

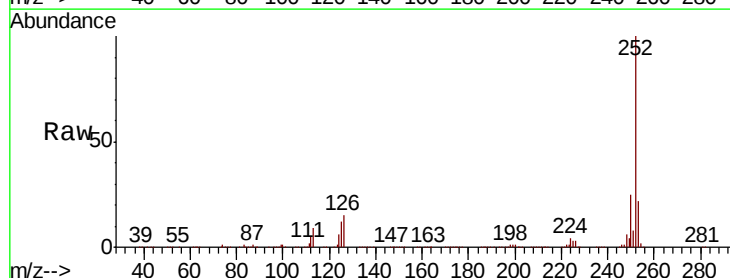
Tgt Ion:252 Resp: 1304727

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

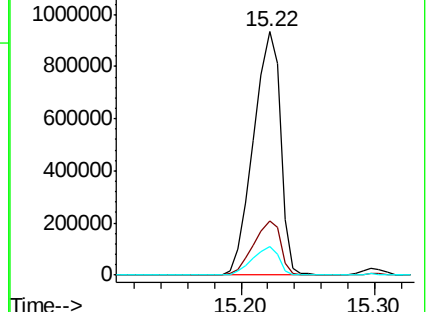
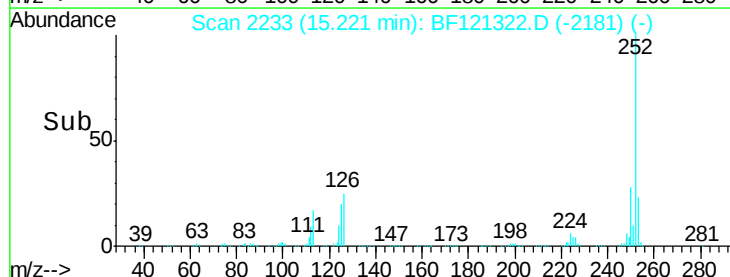
125 11.6 8.7 13.1

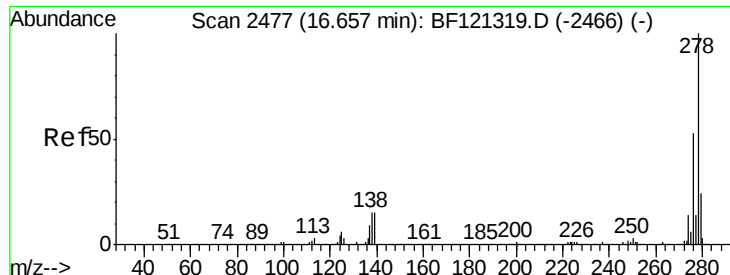


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



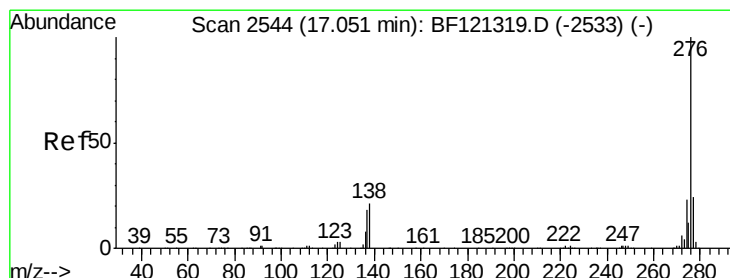
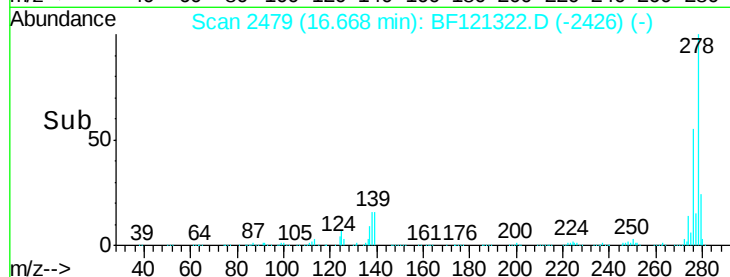
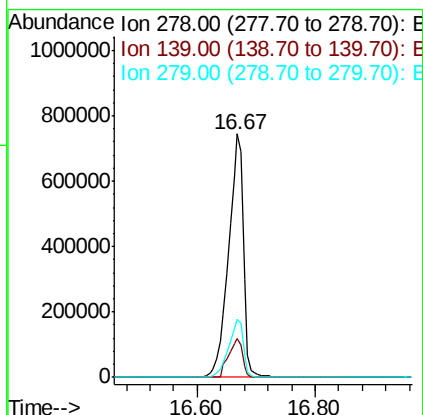
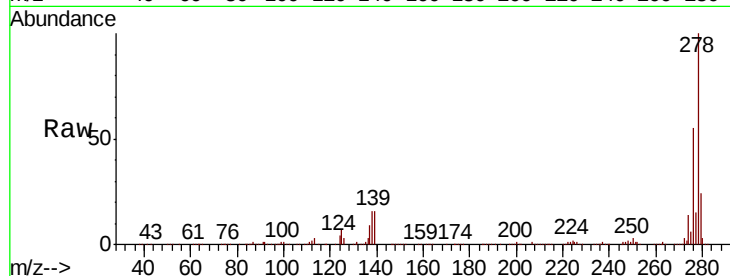


#91  
 Dibenzo(a,h)anthracene  
 Concen: 63.710 ng  
 RT: 16.67 min Scan# 2479  
 Delta R.T. 0.01 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tot Ion:278 Resp: 1304789  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.8  | 12.4  | 18.6  |
| 279 | 23.9  | 19.1  | 28.7  |



#92  
 Benzo(g,h,i)perylene  
 Concen: 67.535 ng  
 RT: 17.07 min Scan# 2547  
 Delta R.T. 0.02 min  
 Lab File: BF121322.D  
 Acq: 18 Aug 2020 13:05

Tgt Ion:276 Resp: 1364942  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.5  | 19.2  | 28.8  |
| 138 | 22.1  | 17.1  | 25.7  |

