

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\  
 Data File : BF115641.D  
 Acq On : 18 Jul 2019 8:29  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jul 18 08:54:27 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 14:03:52 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89  | 152  | 181805   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.17  | 136  | 757068   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.92  | 164  | 384496   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.40 | 188  | 740279   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.04 | 240  | 481648   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.51 | 264  | 485017   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.51  | 112  | 903789   | 81.31 | ng    | 0.00     |
| 7) Phenol-d6                | 6.52  | 99   | 1173150  | 83.18 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 1075812  | 82.63 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.71 | 330  | 368679   | 82.15 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.25  | 172  | 1878382  | 85.51 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.99 | 244  | 2099267  | 80.42 | ng    | -0.01    |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.67 | 88   | 228836   | 41.275 | ng    | 98     |
| 3) Pyridine                    | 3.44 | 79   | 625030   | 41.552 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.39 | 42   | 230517   | 42.243 | ng    | 97     |
| 6) Aniline                     | 6.55 | 93   | 818543   | 41.705 | ng    | 98     |
| 8) 2-Chlorophenol              | 6.67 | 128  | 528350   | 41.346 | ng    | 100    |
| 9) Benzaldehyde                | 6.43 | 77   | 357293   | 40.540 | ng    | 98     |
| 10) Phenol                     | 6.53 | 94   | 685427   | 41.866 | ng    | 88     |
| 11) bis(2-Chloroethyl)ether    | 6.62 | 93   | 527552   | 42.323 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 6.83 | 146  | 583150   | 40.588 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 6.90 | 146  | 586895   | 40.941 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 7.06 | 146  | 535848   | 40.891 | ng    | 96     |
| 15) Benzyl Alcohol             | 7.03 | 79   | 473167   | 42.293 | ng    | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 7.16 | 45   | 708029   | 43.145 | ng    | 97     |
| 17) 2-Methylphenol             | 7.14 | 107  | 440718   | 40.019 | ng    | 99     |
| 18) Hexachloroethane           | 7.40 | 117  | 216821   | 40.750 | ng    | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70   | 381772   | 41.506 | ng    | 98     |
| 20) 3+4-Methylphenols          | 7.29 | 107  | 533543   | 40.788 | ng    | 97     |
| 22) Acetophenone               | 7.30 | 105  | 708958   | 41.452 | ng    | # 95   |
| 24) Nitrobenzene               | 7.47 | 77   | 587548   | 41.839 | ng    | 97     |
| 25) Isophorone                 | 7.71 | 82   | 1086135  | 41.689 | ng    | 99     |
| 26) 2-Nitrophenol              | 7.79 | 139  | 309142   | 42.768 | ng    | 96     |
| 27) 2,4-Dimethylphenol         | 7.82 | 122  | 429246   | 39.689 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93   | 673823   | 42.159 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 8.03 | 162  | 464751   | 41.319 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.11 | 180  | 533057   | 41.926 | ng    | 99     |
| 31) Naphthalene                | 8.19 | 128  | 1514228  | 41.299 | ng    | 98     |
| 32) Benzoic acid               | 7.95 | 122  | 351980   | 39.657 | ng    | 99     |
| 33) 4-Chloroaniline            | 8.23 | 127  | 681545   | 41.965 | ng    | 99     |
| 34) Hexachlorobutadiene        | 8.31 | 225  | 304019   | 41.698 | ng    | 99     |
| 35) Caprolactam                | 8.62 | 113  | 149275   | 42.948 | ng    | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107  | 484951   | 41.565 | ng    | 100    |
| 37) 2-Methylnaphthalene        | 8.88 | 142  | 1017630  | 41.871 | ng    | 97     |
| 38) 1-Methylnaphthalene        | 8.98 | 142  | 970481   | 42.039 | ng    | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.05 | 216  | 471614   | 40.732 | ng    | 99     |

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 SSTDCCC040

Quant Time: Jul 18 08:54:27 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 14:03:52 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.04  | 237  | 258844   | 39.190 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.16  | 196  | 347363   | 41.024 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.20  | 196  | 363966   | 41.973 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.35  | 154  | 1242076  | 41.321 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.37  | 162  | 1025745  | 40.982 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.46  | 65   | 329500   | 42.533 | ng    | 95       |
| 49) Acenaphthylene             | 9.79  | 152  | 1562152  | 42.121 | ng    | 99       |
| 50) Dimethylphthalate          | 9.65  | 163  | 1203736  | 41.611 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.70  | 165  | 271097   | 41.237 | ng    | 96       |
| 52) Acenaphthene               | 9.96  | 154  | 1016288  | 42.444 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.87  | 138  | 317253   | 42.229 | ng    | 91       |
| 54) 2,4-Dinitrophenol          | 9.98  | 184  | 149001   | 44.145 | ng    | 92       |
| 55) Dibenzofuran               | 10.13 | 168  | 1377041  | 40.497 | ng    | 99       |
| 56) 4-Nitrophenol              | 10.03 | 139  | 237234   | 41.411 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.11 | 165  | 371103   | 43.571 | ng    | 92       |
| 58) Fluorene                   | 10.47 | 166  | 979891   | 40.311 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.25 | 232  | 289450   | 39.931 | ng    | 99       |
| 60) Diethylphthalate           | 10.34 | 149  | 1120185  | 41.328 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.46 | 204  | 527681   | 39.144 | ng    | 95       |
| 62) 4-Nitroaniline             | 10.49 | 138  | 301961   | 41.903 | ng    | 99       |
| 63) Azobenzene                 | 10.62 | 77   | 1178352  | 44.821 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.52 | 198  | 185976   | 41.119 | ng    | 91       |
| 66) n-Nitrosodiphenylamine     | 10.58 | 169  | 947346   | 41.140 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.95 | 248  | 334988   | 39.598 | ng    | 96       |
| 68) Hexachlorobenzene          | 11.03 | 284  | 377196   | 39.044 | ng    | 100      |
| 69) Atrazine                   | 11.10 | 200  | 294013   | 38.920 | ng    | 99       |
| 70) Pentachlorophenol          | 11.21 | 266  | 230764   | 39.054 | ng    | 97       |
| 71) Phenanthrene               | 11.43 | 178  | 1547066  | 40.770 | ng    | 98       |
| 72) Anthracene                 | 11.49 | 178  | 1585632  | 40.433 | ng    | 100      |
| 73) Carbazole                  | 11.63 | 167  | 1435242  | 41.735 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.96 | 149  | 1759043  | 41.526 | ng    | 99       |
| 75) Fluoranthene               | 12.62 | 202  | 1673720  | 41.740 | ng    | 97       |
| 77) Benzidine                  | 12.73 | 184  | 820539   | 48.090 | ng    | 99       |
| 78) Pyrene                     | 12.85 | 202  | 1697609  | 41.601 | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.46 | 149  | 761812   | 43.793 | ng    | 97       |
| 81) Benzo(a)anthracene         | 14.03 | 228  | 1353184  | 42.645 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.99 | 252  | 483909   | 42.899 | ng    | 97       |
| 83) Chrysene                   | 14.07 | 228  | 1344548  | 42.210 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 959225   | 44.516 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 14.63 | 149  | 1551637  | 45.258 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.99 | 276  | 1213639  | 44.846 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.08 | 252  | 1333696  | 42.704 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.12 | 252  | 1123994  | 40.367 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.45 | 252  | 1044610  | 38.916 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 17.00 | 278  | 984803   | 41.790 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.44 | 276  | 959445   | 40.824 | ng    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

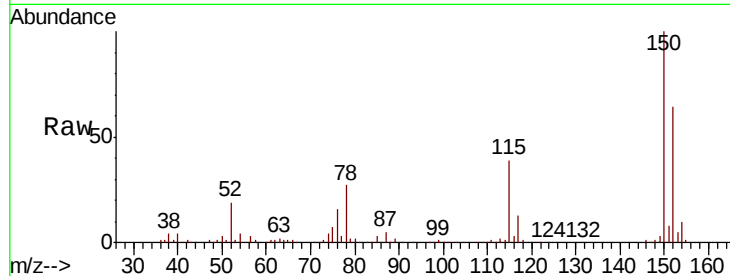
Tot Ion:152 Resp: 181805

Ion Ratio Lower Upper

152 100

150 155.7 129.7 194.5

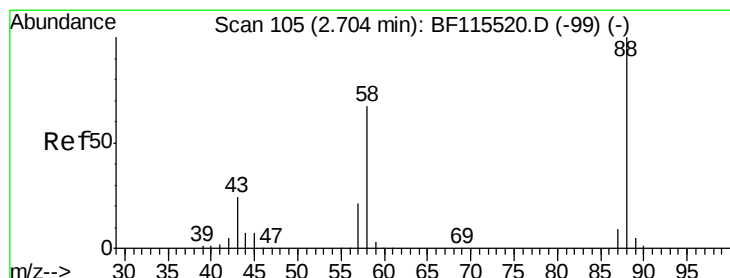
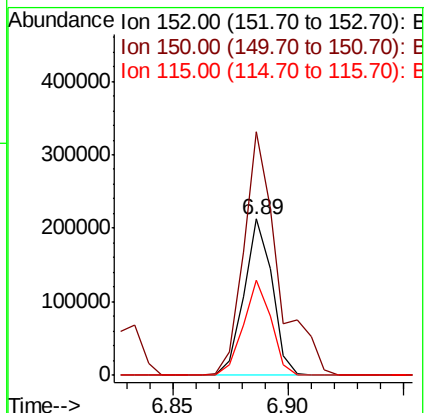
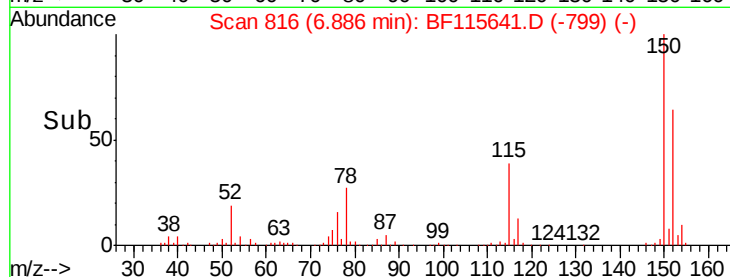
115 60.5 48.2 72.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.275 ng

RT: 2.67 min Scan# 100

Delta R.T. -0.03 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

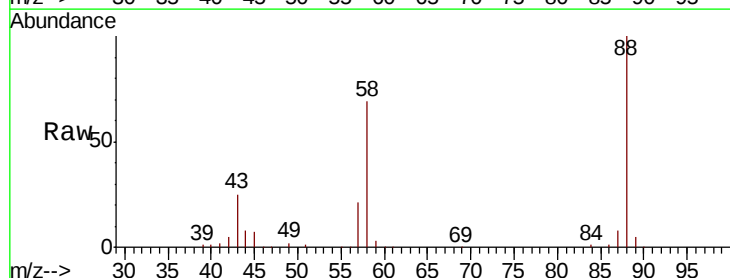
Tgt Ion: 88 Resp: 228836

Ion Ratio Lower Upper

88 100

58 66.7 52.6 79.0

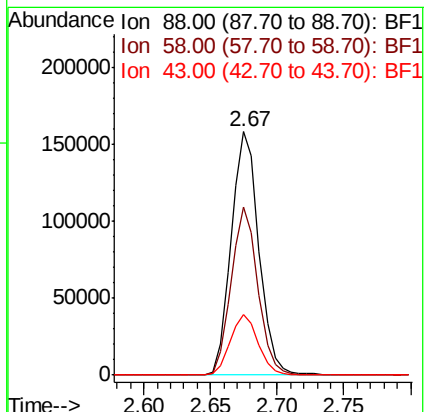
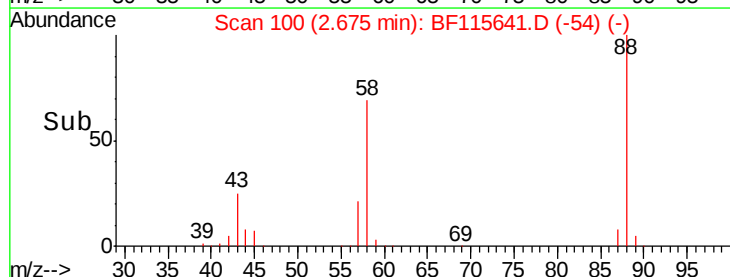
43 25.2 19.1 28.7

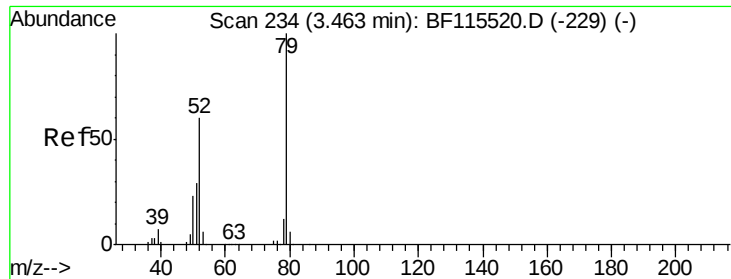


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.552 ng

RT: 3.44 min Scan# 230

Delta R.T. -0.02 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

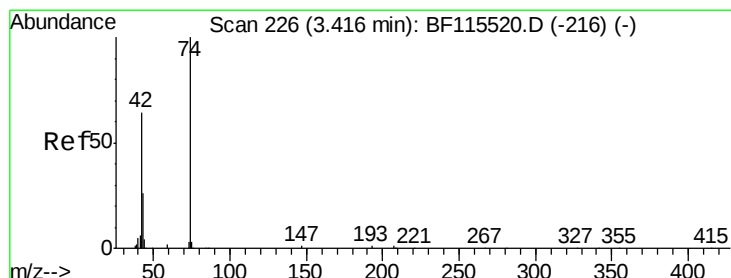
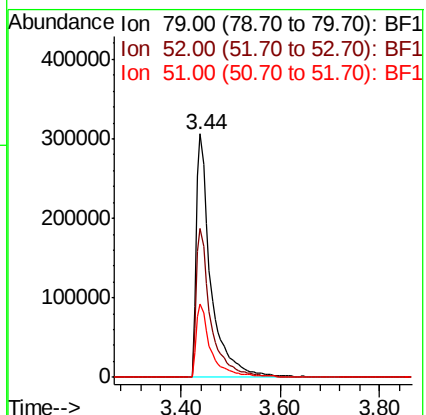
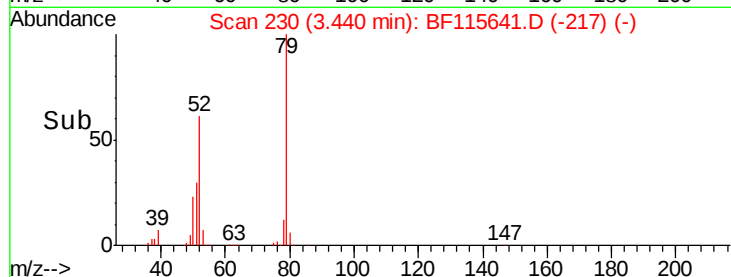
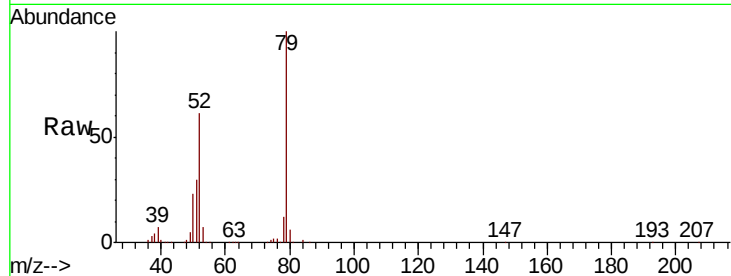
Tot Ion: 79 Resp: 625030

Ion Ratio Lower Upper

79 100

52 61.2 47.8 71.6

51 30.2 23.8 35.8



#4

n-Nitrosodimethylamine

Concen: 42.243 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.03 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

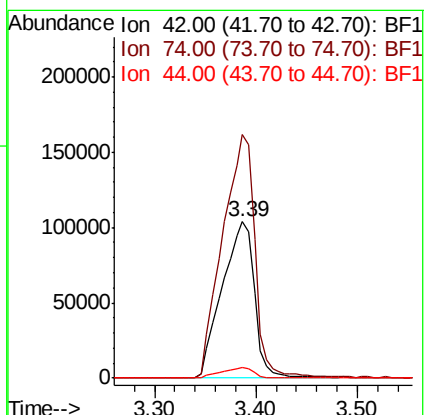
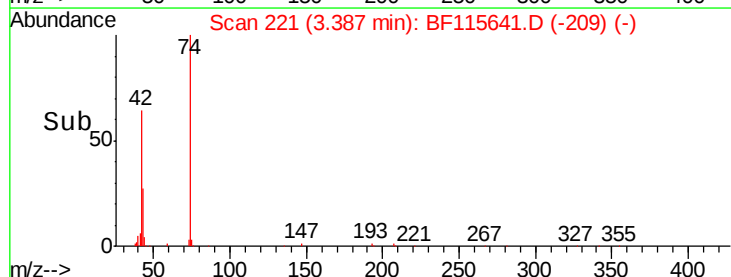
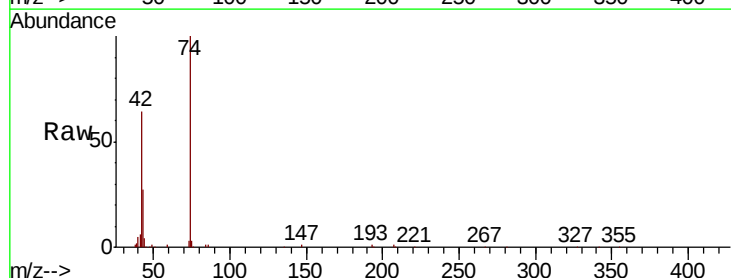
Tgt Ion: 42 Resp: 230517

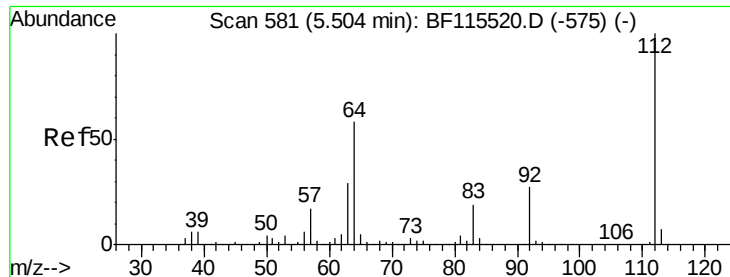
Ion Ratio Lower Upper

42 100

74 155.9 127.5 191.3

44 6.9 5.0 7.6





#5

2-Fluorophenol

Concen: 81.314 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

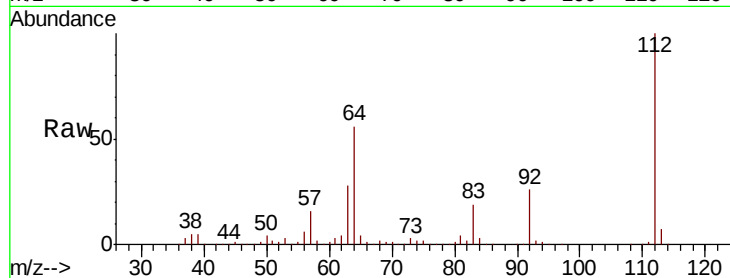
Tot Ion: 112 Resp: 903789

Ion Ratio Lower Upper

112 100

64 55.9 46.8 70.2

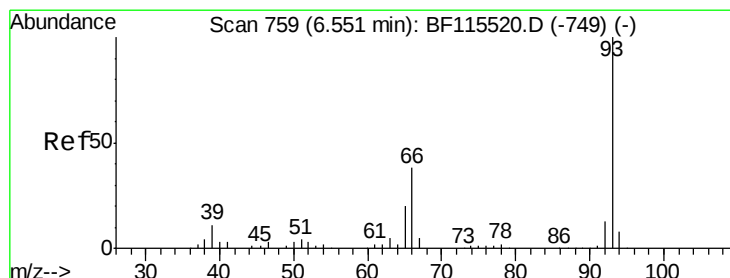
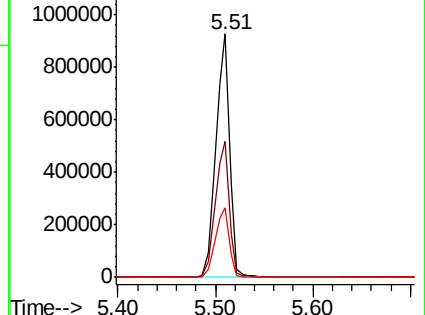
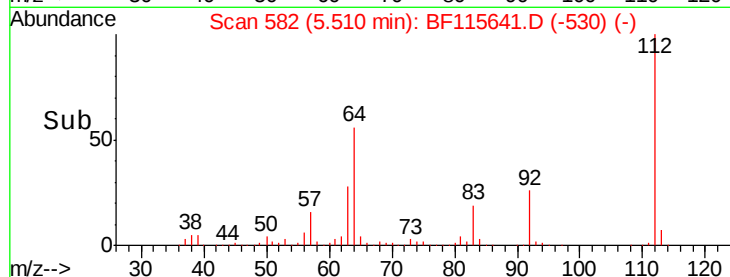
63 28.4 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.705 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

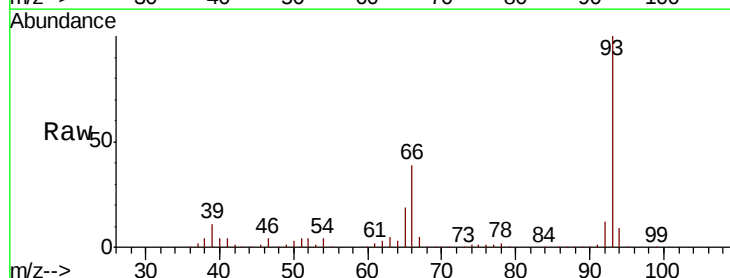
Tgt Ion: 93 Resp: 818543

Ion Ratio Lower Upper

93 100

66 38.6 31.7 47.5

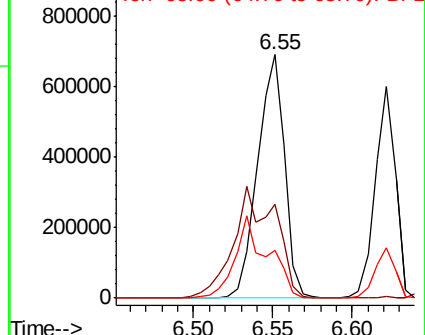
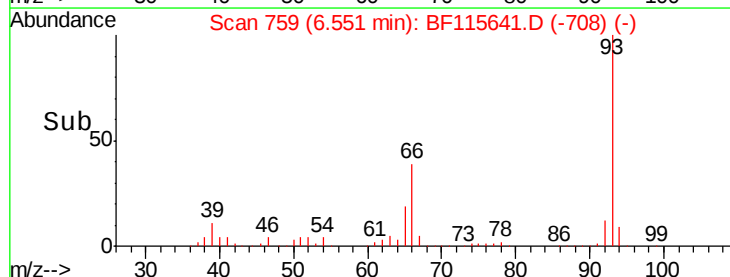
65 19.5 16.2 24.2

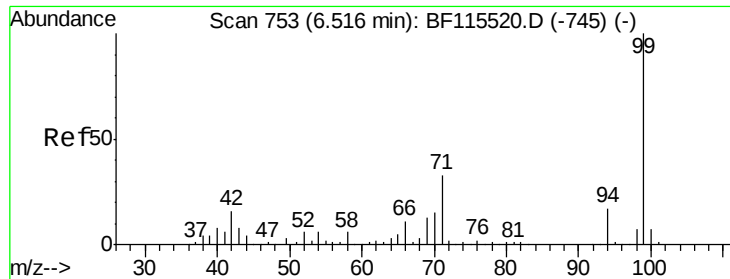


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.182 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

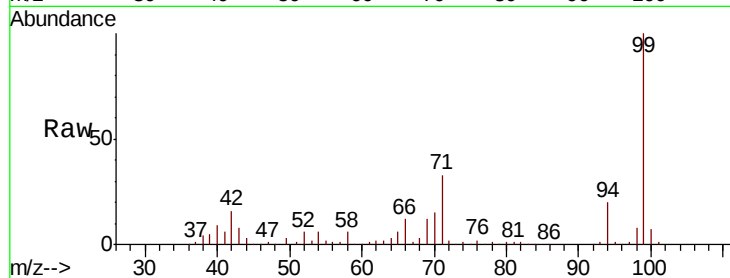
BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1173150

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.8  | 13.6  | 20.4  |
| 71  | 33.2  | 28.5  | 42.7  |

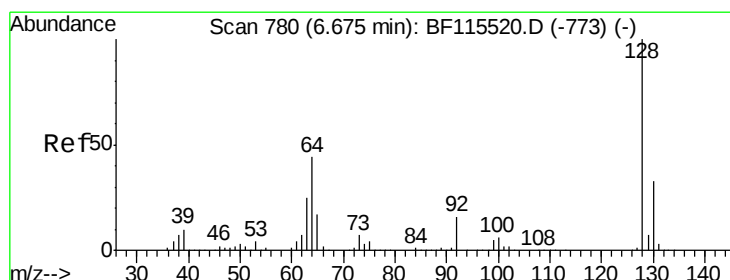
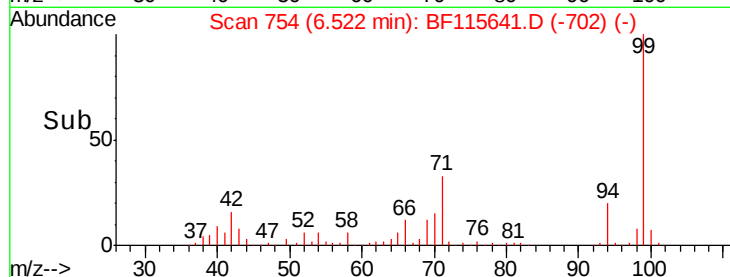
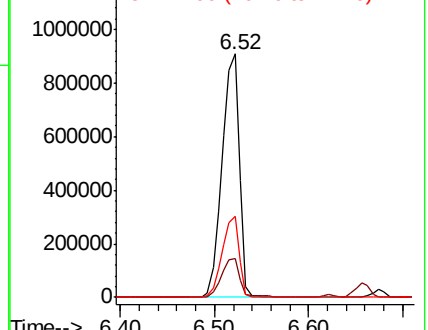


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.346 ng

RT: 6.67 min Scan# 780

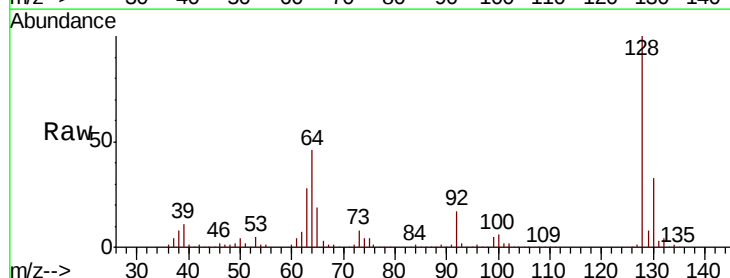
Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Tgt Ion: 128 Resp: 528350

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.8  | 12.8  | 52.8  |
| 64  | 46.5  | 26.8  | 66.8  |

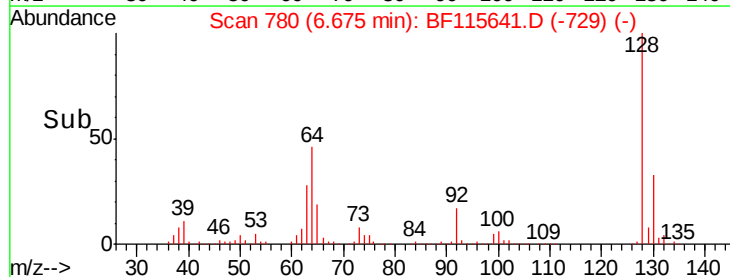
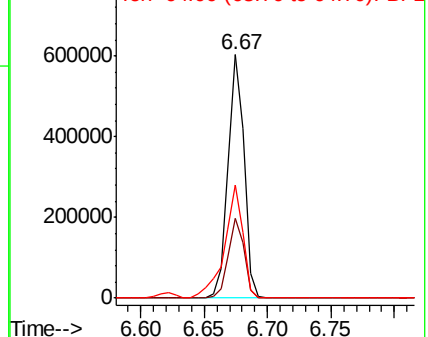


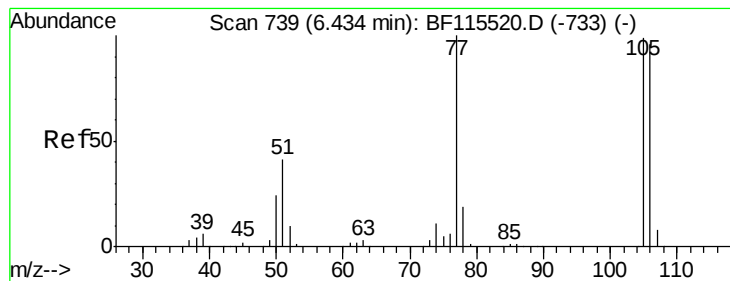
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.540 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

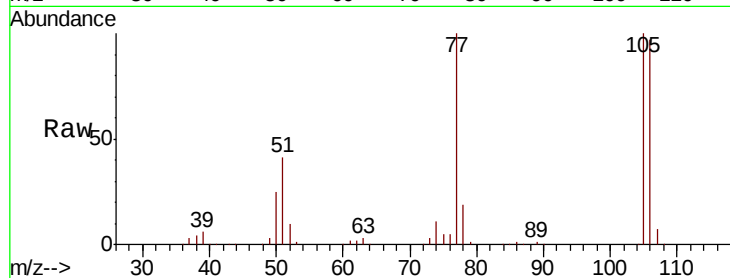
Tot Ion: 77 Resp: 357293

Ion Ratio Lower Upper

77 100

105 100.1 78.8 118.8

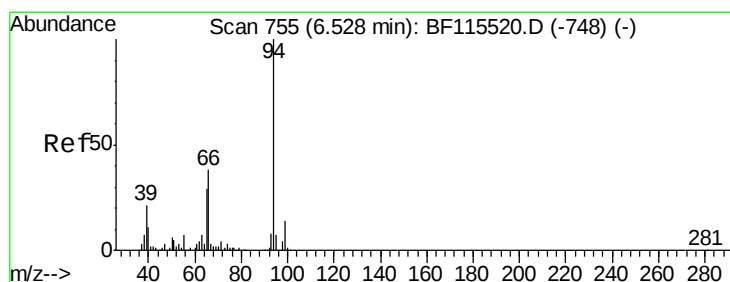
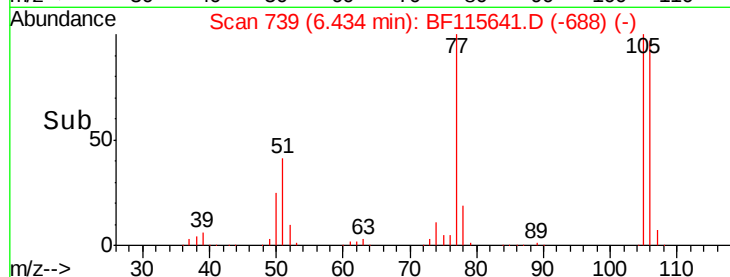
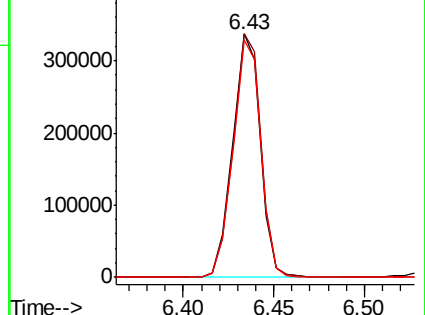
106 97.3 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 41.866 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

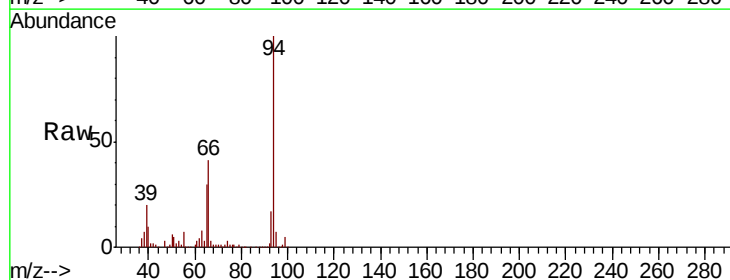
Tgt Ion: 94 Resp: 685427

Ion Ratio Lower Upper

94 100

65 30.0 14.5 54.5

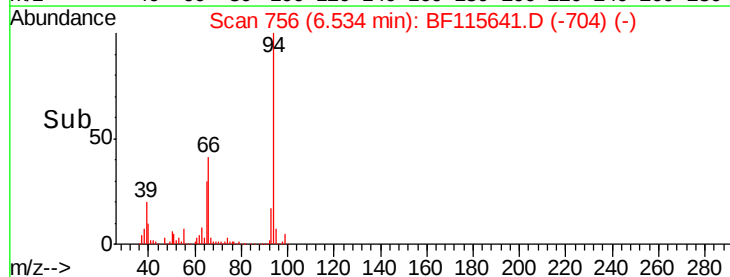
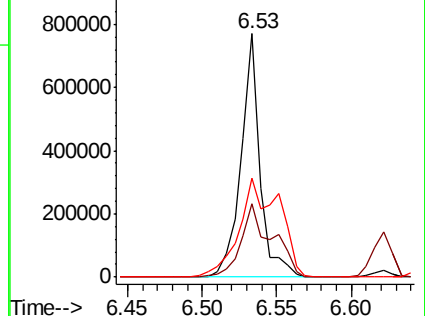
66 40.9 31.3 71.3

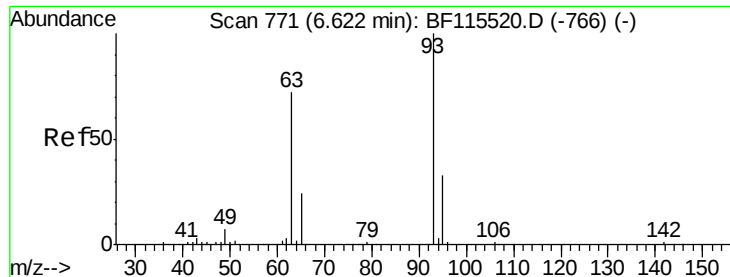


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.323 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

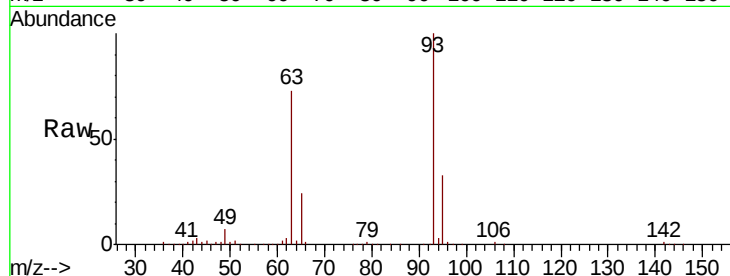
Tot Ion: 93 Resp: 527552

Ion Ratio Lower Upper

93 100

63 72.9 52.2 92.2

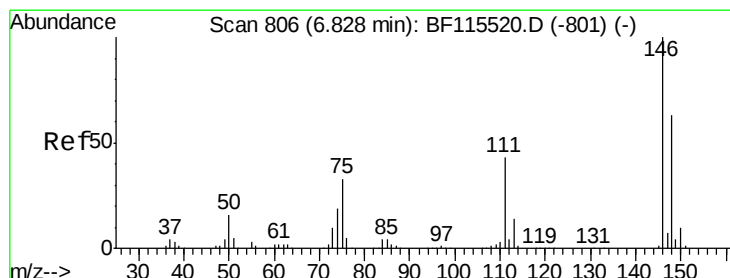
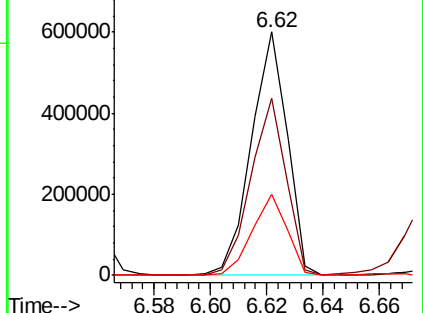
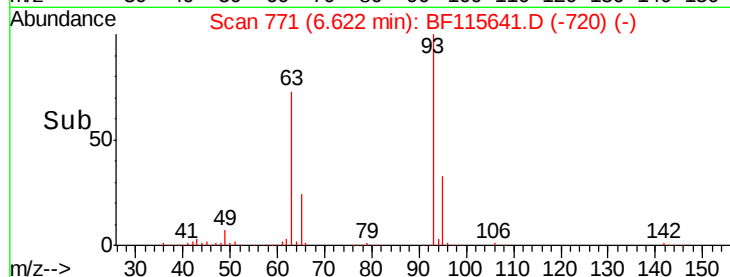
95 33.1 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.588 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

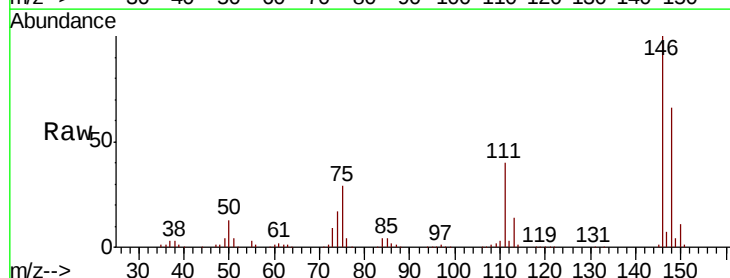
Tgt Ion: 146 Resp: 583150

Ion Ratio Lower Upper

146 100

148 65.8 52.1 78.1

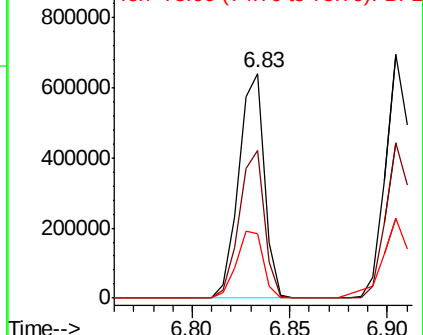
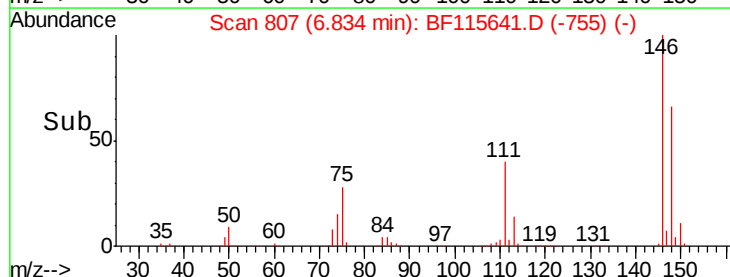
75 28.8 24.9 37.3

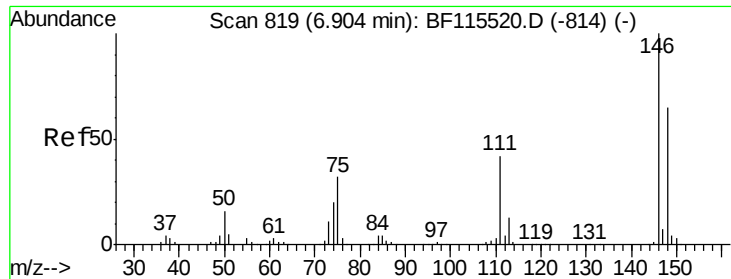


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

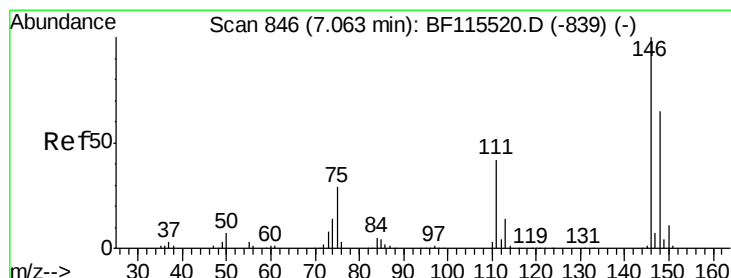
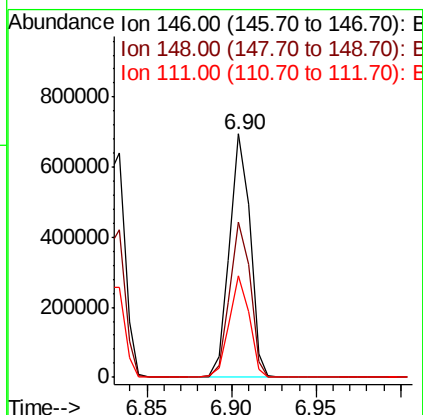
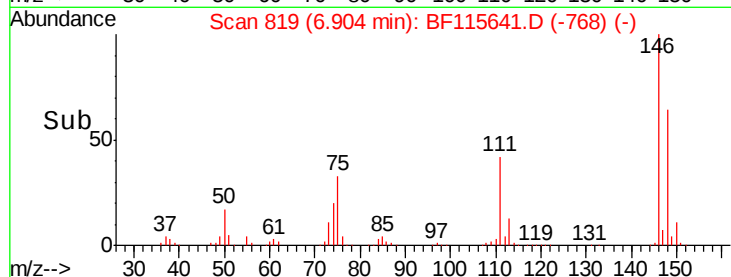
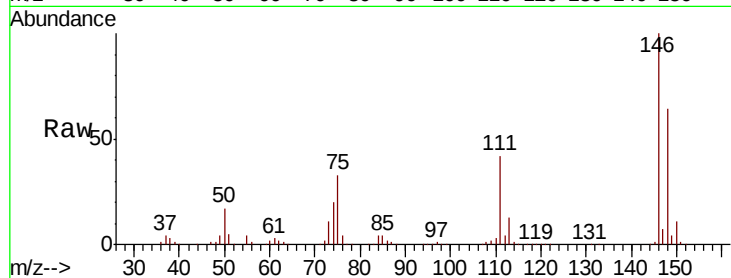




#13  
 1,4-Dichlorobenzene  
 Concen: 40.941 ng  
 RT: 6.90 min Scan# 819  
 Delta R.T. -0.00 min  
 Lab File: BF115641.D  
 Acq: 18 Jul 2019 8:29

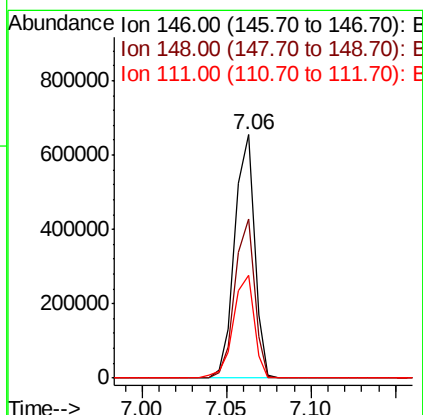
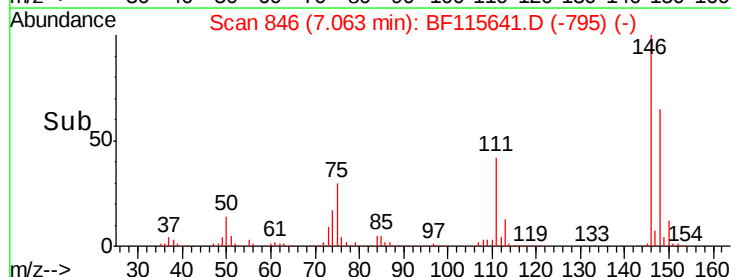
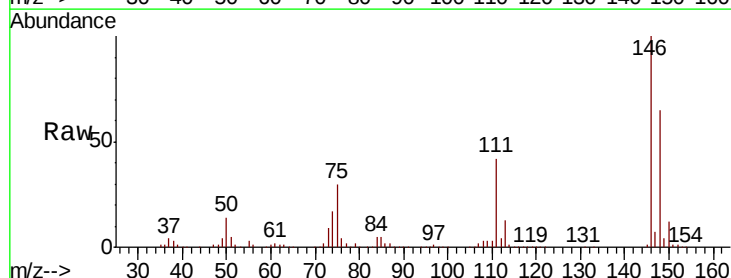
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 51.8  | 77.6  |
| 111     | 41.8  | 35.5  | 53.3  |



#14  
 1,2-Dichlorobenzene  
 Concen: 40.891 ng  
 RT: 7.06 min Scan# 846  
 Delta R.T. -0.00 min  
 Lab File: BF115641.D  
 Acq: 18 Jul 2019 8:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.5  | 51.1  | 76.7  |
| 111     | 42.4  | 37.6  | 56.4  |





#15

Benzyl Alcohol

Concen: 42.293 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

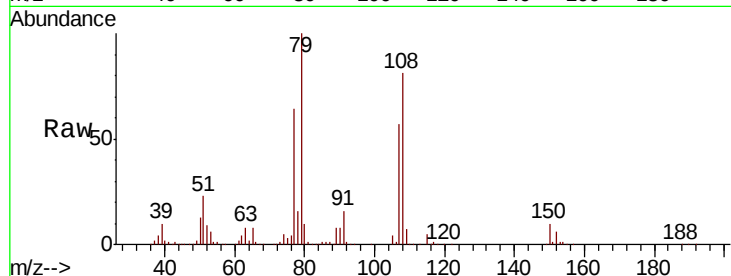
Tot Ion: 79 Resp: 473167

Ion Ratio Lower Upper

79 100

108 80.7 64.2 96.4

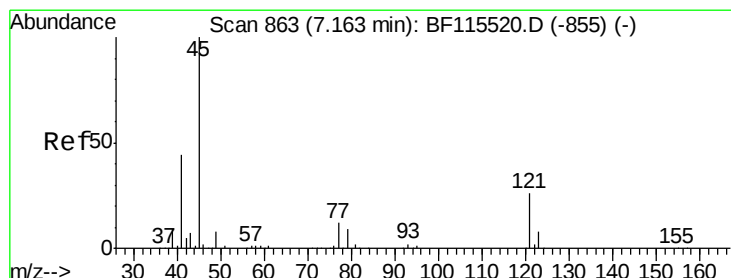
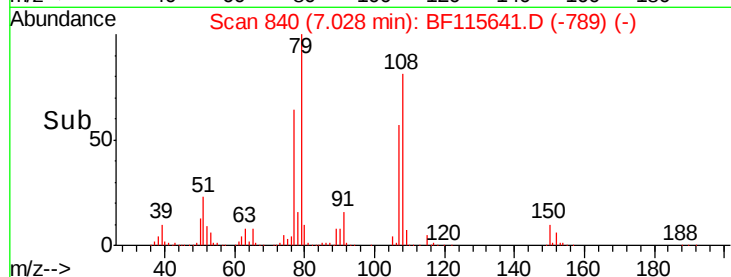
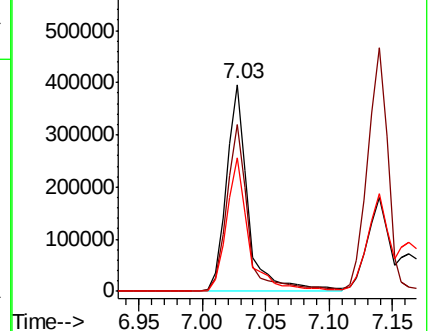
77 64.4 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.145 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

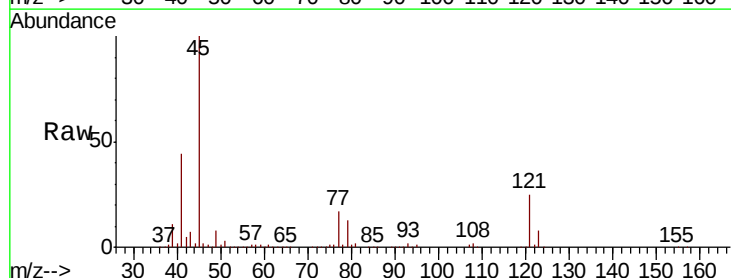
Tgt Ion: 45 Resp: 708029

Ion Ratio Lower Upper

45 100

77 16.8 0.0 38.1

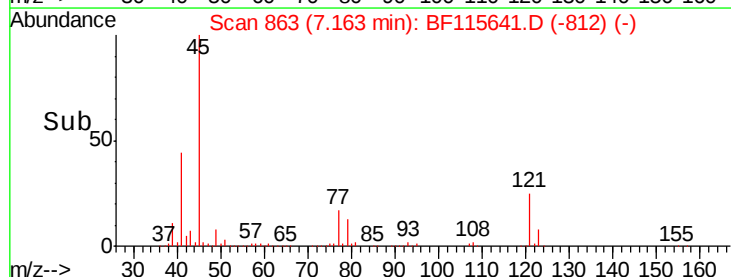
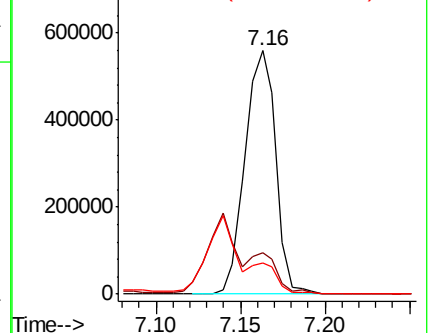
79 12.9 0.0 34.1

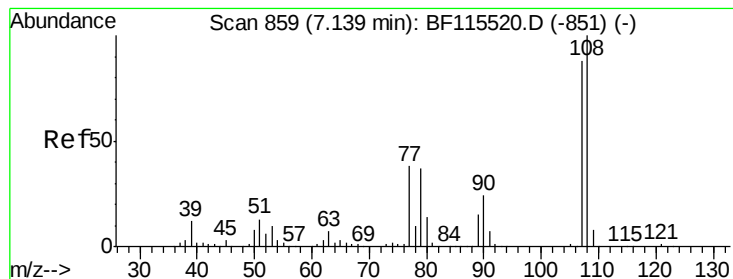


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

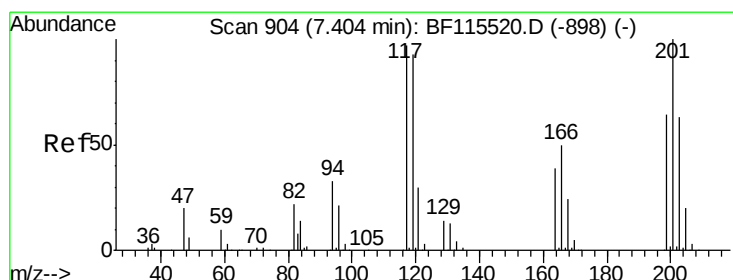
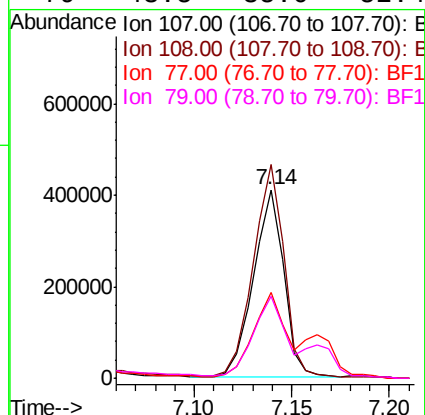
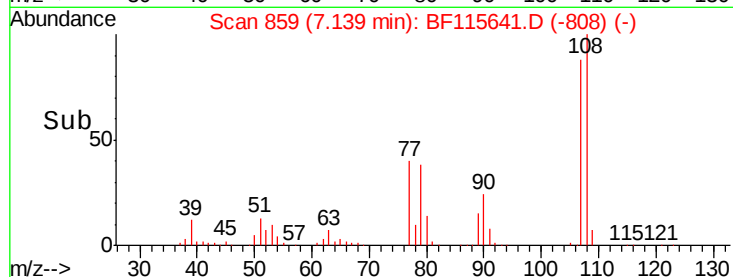
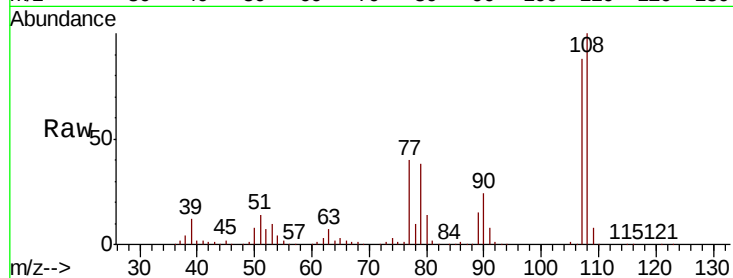




#17  
2-Methylphenol  
Concen: 40.019 ng  
RT: 7.14 min Scan# 859  
Delta R.T. -0.00 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

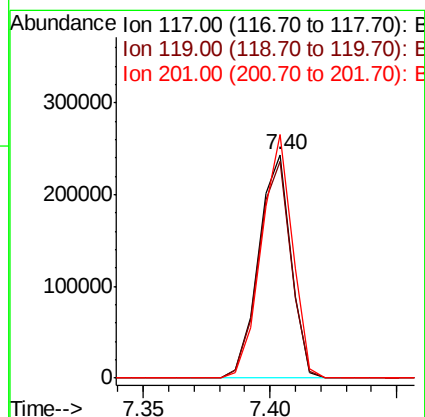
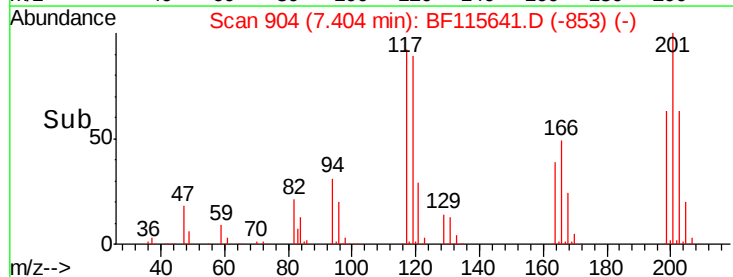
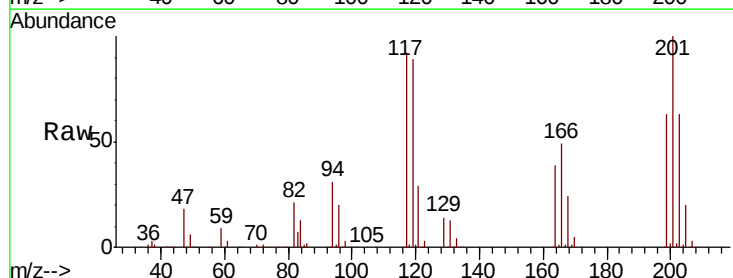
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

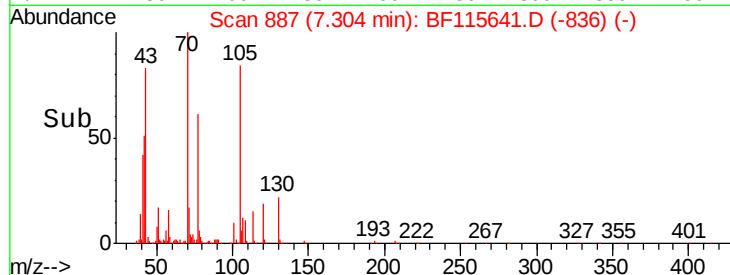
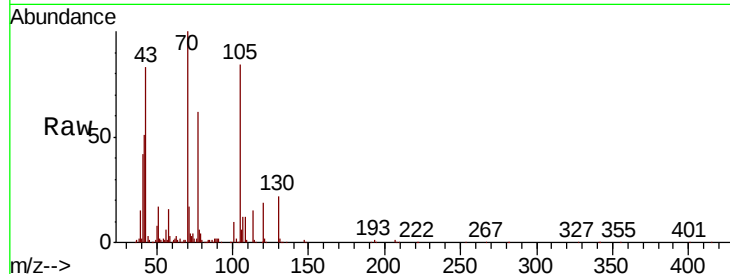
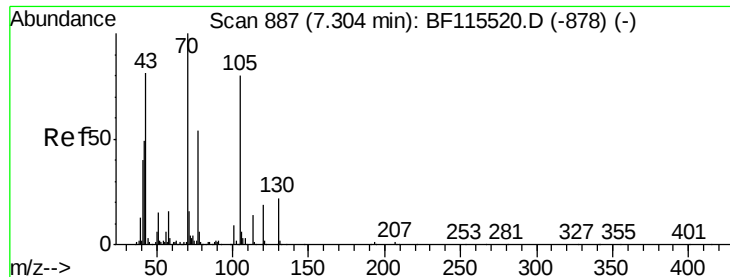
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.2 | 89.4  | 134.2 |
| 77      | 45.2  | 35.7  | 53.5  |
| 79      | 43.5  | 35.0  | 52.4  |



#18  
Hexachloroethane  
Concen: 40.750 ng  
RT: 7.40 min Scan# 904  
Delta R.T. -0.00 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.0  | 77.7  | 116.5 |
| 201     | 109.0 | 86.0  | 129.0 |

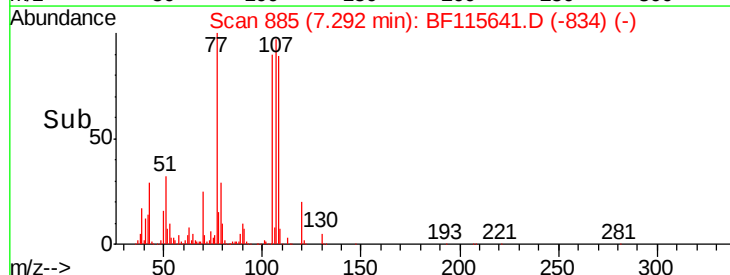
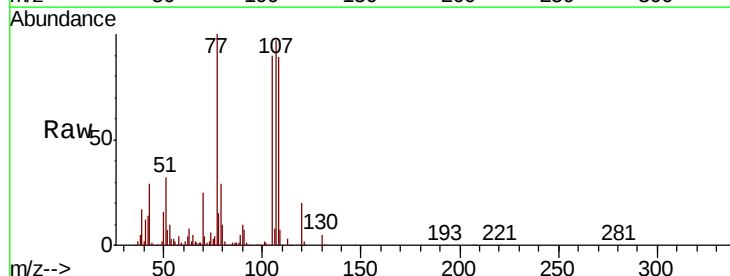
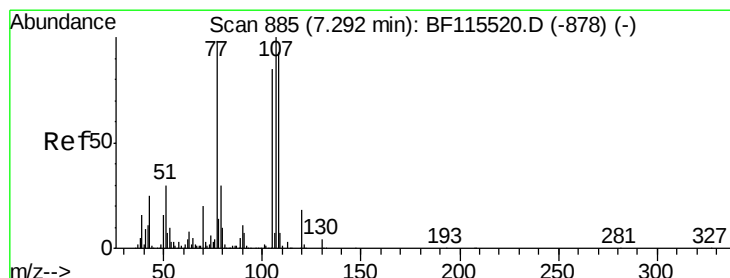
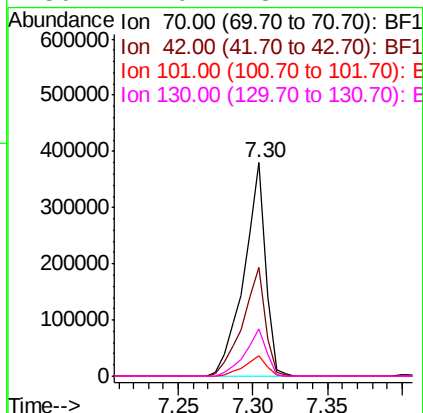




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.506 ng  
RT: 7.30 min Scan# 887  
Delta R.T. -0.00 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

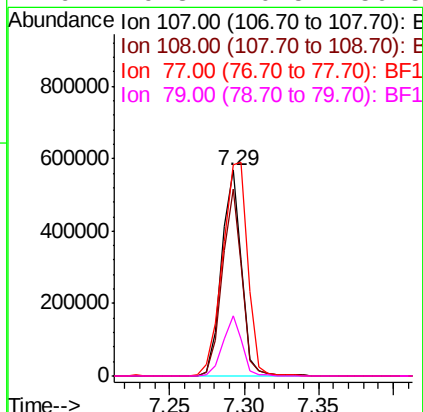
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

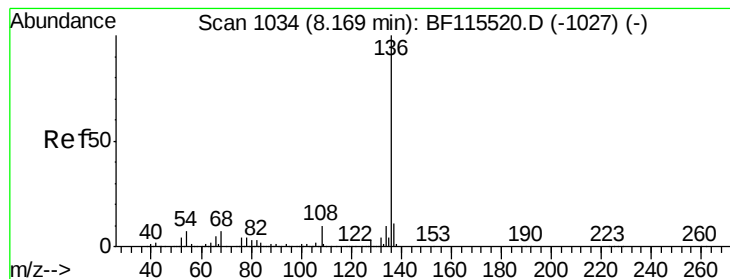
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 381772 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 51.0  | 39.6  | 59.4   |
| 101      | 9.9   | 8.1   | 12.1   |
| 130      | 22.0  | 18.2  | 27.2   |



#20  
3+4-Methylphenols  
Concen: 40.788 ng  
RT: 7.29 min Scan# 885  
Delta R.T. -0.00 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 533543 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.1  | 72.9  | 112.9  |
| 77       | 102.6 | 77.6  | 117.6  |
| 79       | 29.3  | 10.5  | 50.5   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 757068

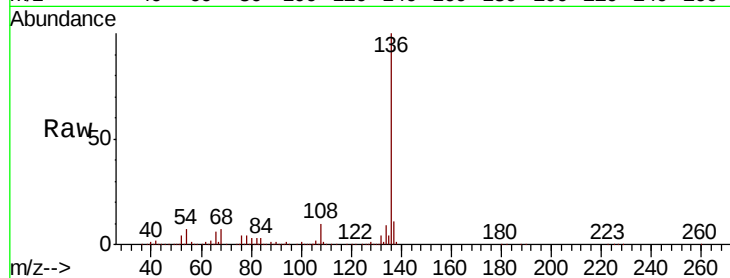
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.3 5.6 8.4

68 6.6 5.0 7.6

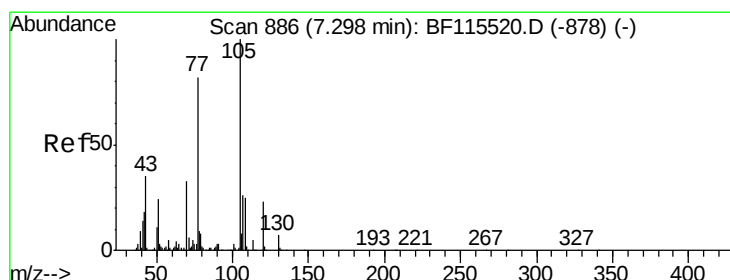
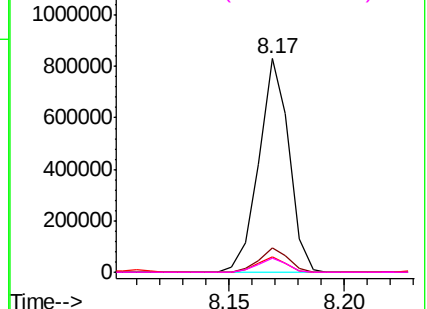
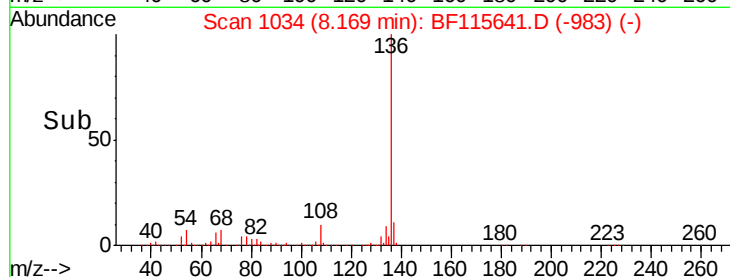


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.452 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Tgt Ion:105 Resp: 708958

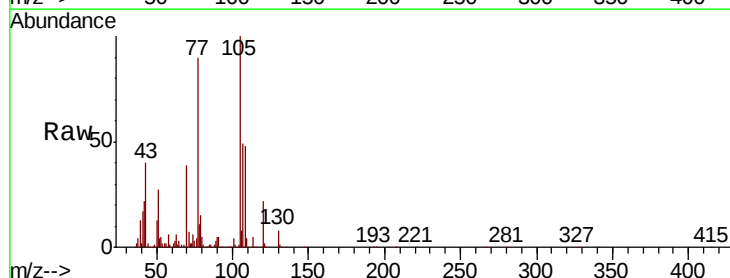
Ion Ratio Lower Upper

105 100

71 6.7 3.5 5.3#

51 27.2 25.6 38.4

120 22.2 17.9 26.9

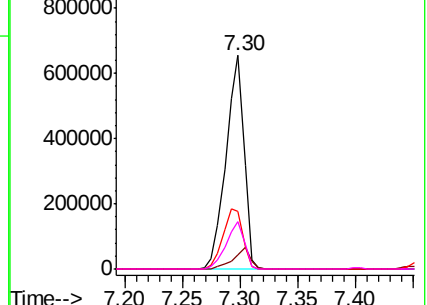
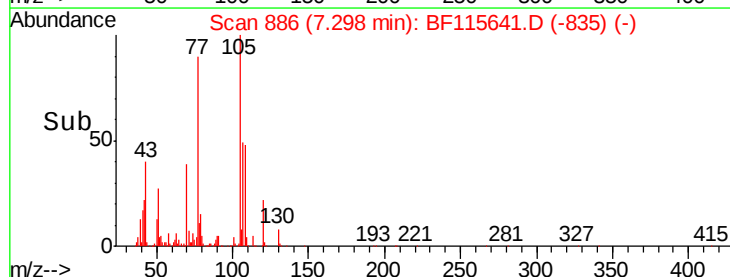


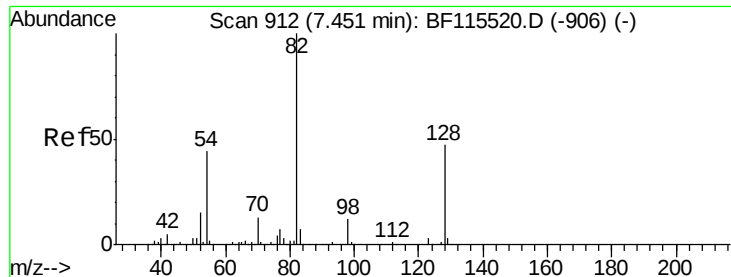
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

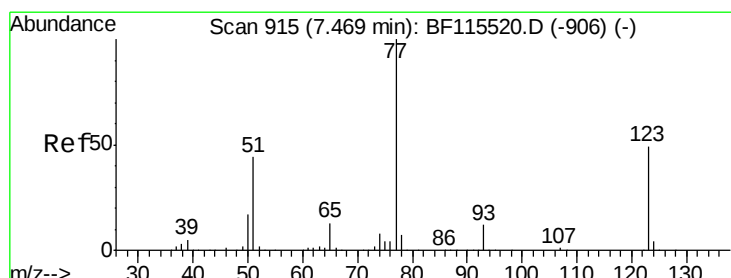
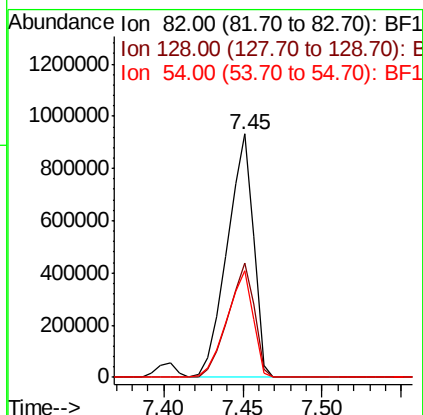
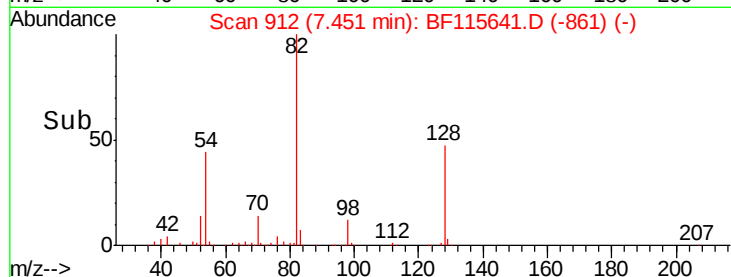
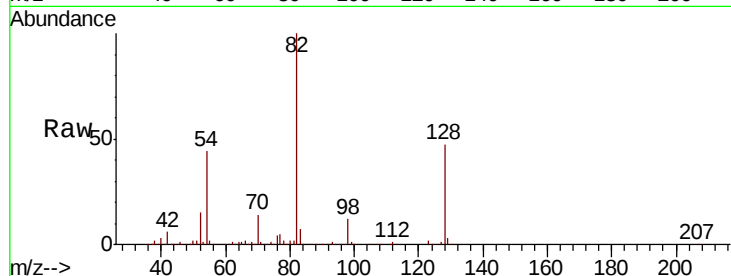




#23  
 Nitrobenzene-d5  
 Concen: 82.628 ng  
 RT: 7.45 min Scan# 912  
 Delta R.T. -0.00 min  
 Lab File: BF115641.D  
 Acq: 18 Jul 2019 8:29

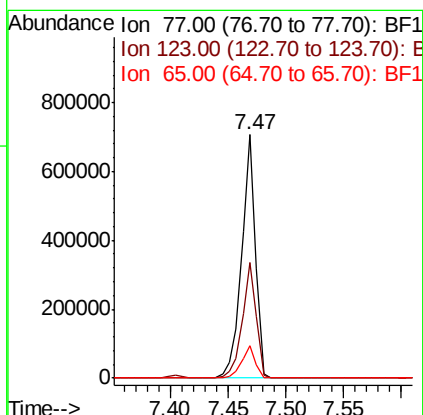
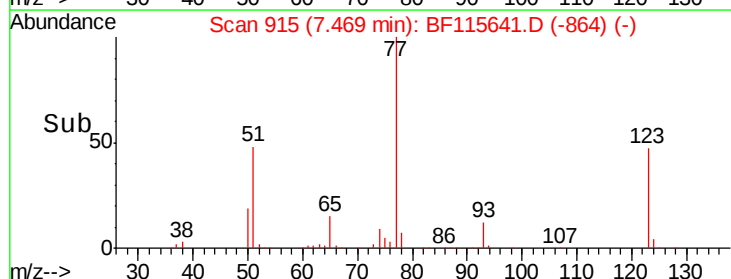
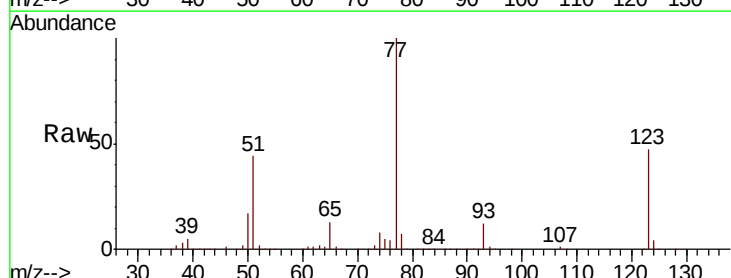
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion: 82 Resp: 1075812  
 Ion Ratio Lower Upper  
 82 100  
 128 46.8 38.6 57.8  
 54 43.8 35.6 53.4



#24  
 Nitrobenzene  
 Concen: 41.839 ng  
 RT: 7.47 min Scan# 915  
 Delta R.T. -0.00 min  
 Lab File: BF115641.D  
 Acq: 18 Jul 2019 8:29

Tgt Ion: 77 Resp: 587548  
 Ion Ratio Lower Upper  
 77 100  
 123 47.3 40.0 60.0  
 65 13.4 11.0 16.4

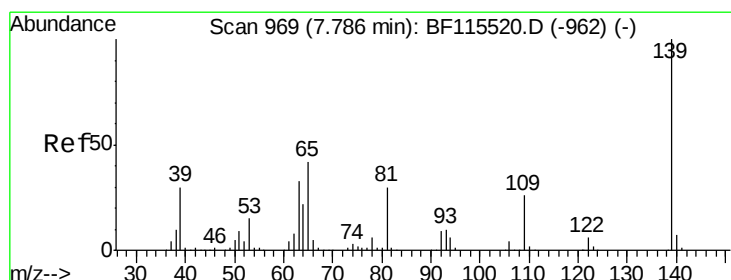
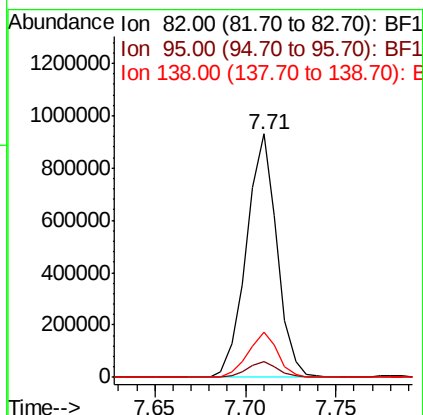
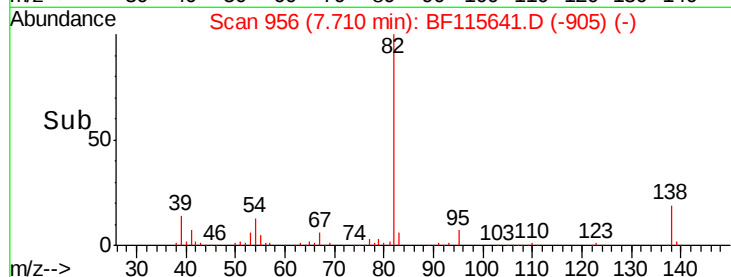
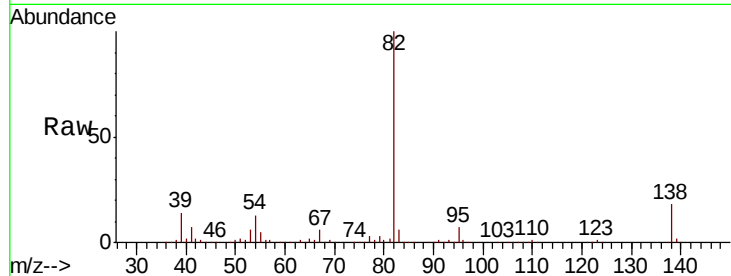




#25  
Isophorone  
Concen: 41.689 ng  
RT: 7.71 min Scan# 956  
Delta R.T. -0.00 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

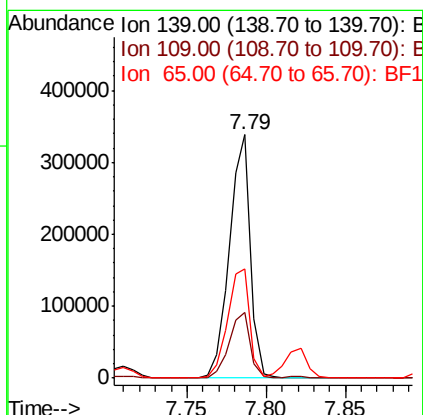
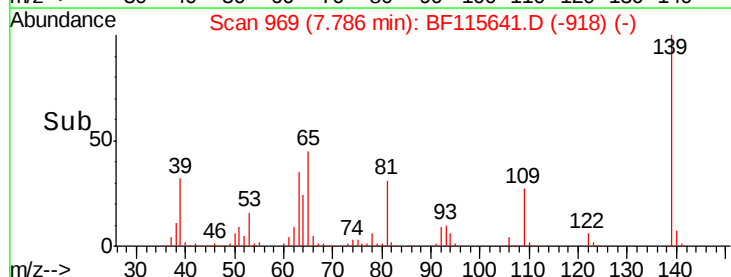
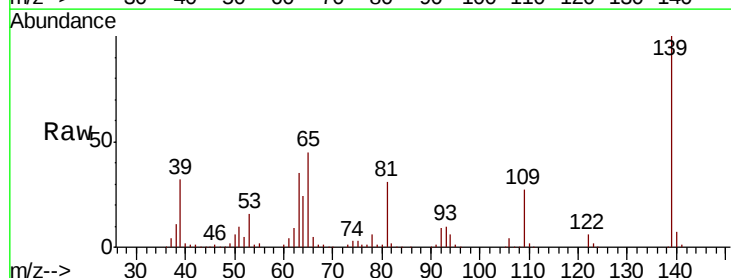
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion: 82 Resp: 1086135  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.5 8.3  
138 18.3 14.9 22.3



#26  
2-Nitrophenol  
Concen: 42.768 ng  
RT: 7.79 min Scan# 969  
Delta R.T. -0.00 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Tgt Ion: 139 Resp: 309142  
Ion Ratio Lower Upper  
139 100  
109 26.8 23.3 34.9  
65 45.0 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 39.689 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

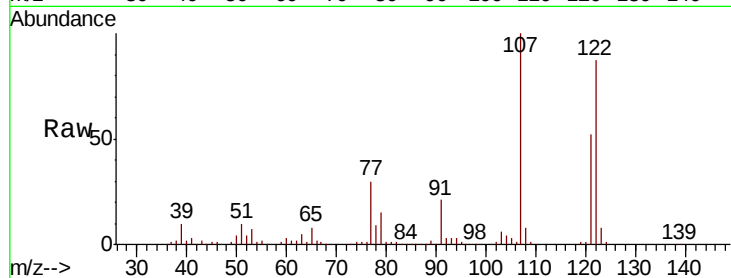
Tot Ion:122 Resp: 429246

Ion Ratio Lower Upper

122 100

107 114.7 92.9 139.3

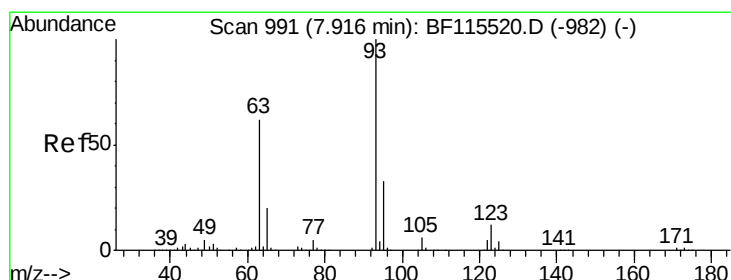
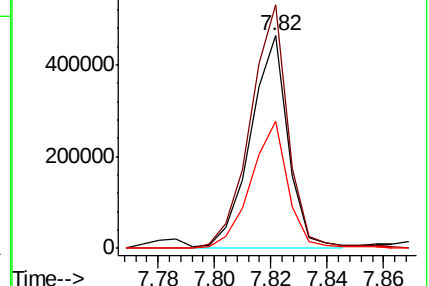
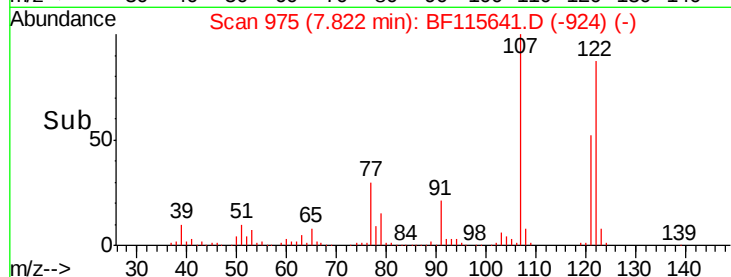
121 59.7 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.159 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

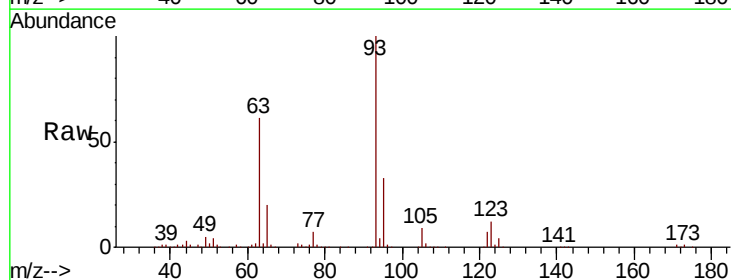
Tgt Ion: 93 Resp: 673823

Ion Ratio Lower Upper

93 100

95 32.9 27.0 40.4

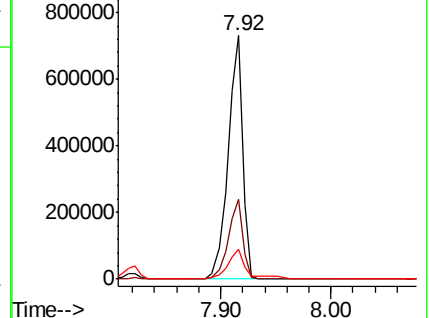
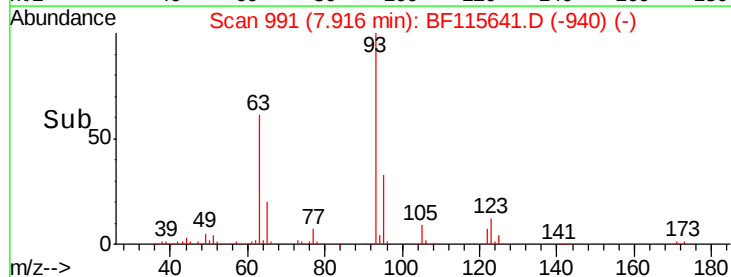
123 12.1 9.9 14.9

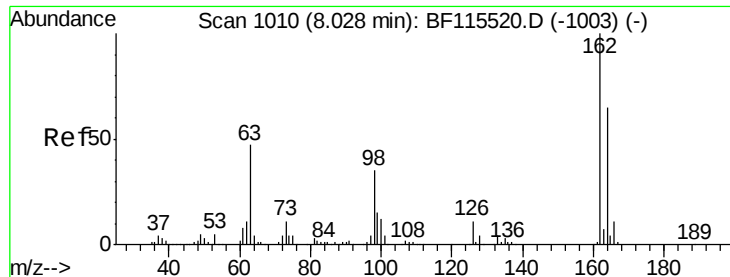


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

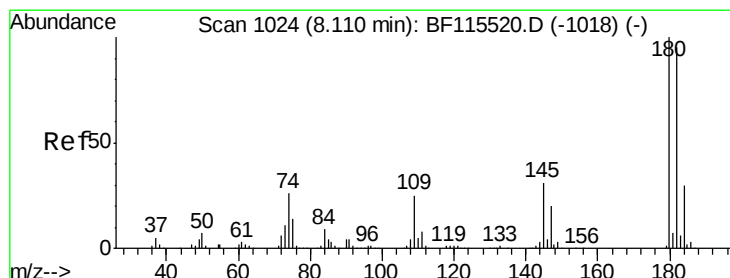
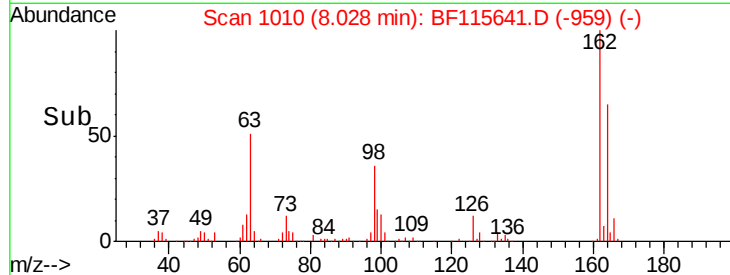
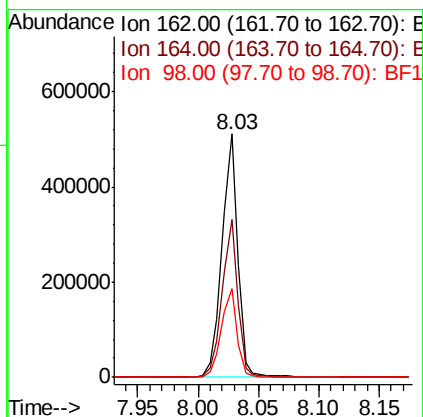
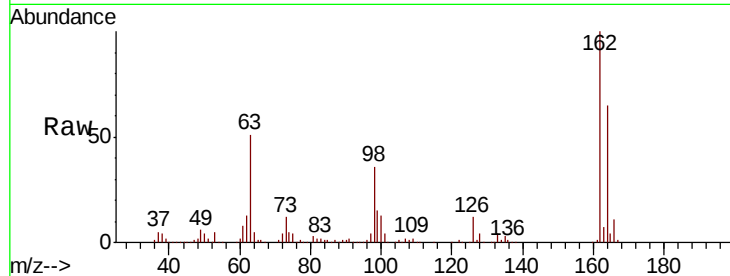




#29  
 2,4-Dichlorophenol  
 Concen: 41.319 ng  
 RT: 8.03 min Scan# 1010  
 Delta R.T. -0.00 min  
 Lab File: BF115641.D  
 Acq: 18 Jul 2019 8:29

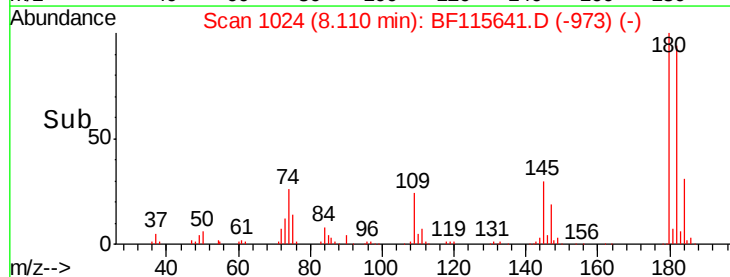
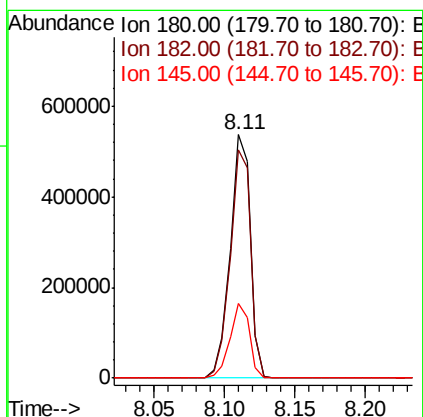
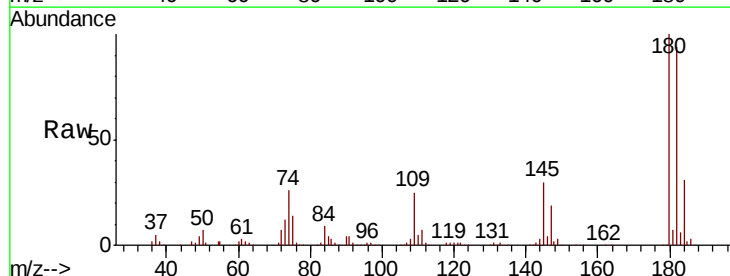
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

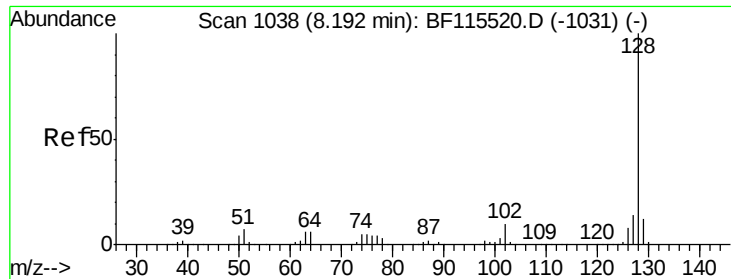
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:162 | Resp: | 464751    |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 164         | 64.8  | 44.9 84.9 |
| 98          | 36.4  | 17.7 57.7 |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.926 ng  
 RT: 8.11 min Scan# 1024  
 Delta R.T. -0.00 min  
 Lab File: BF115641.D  
 Acq: 18 Jul 2019 8:29

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 533057     |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 93.7  | 75.0 112.6 |
| 145         | 30.5  | 25.1 37.7  |

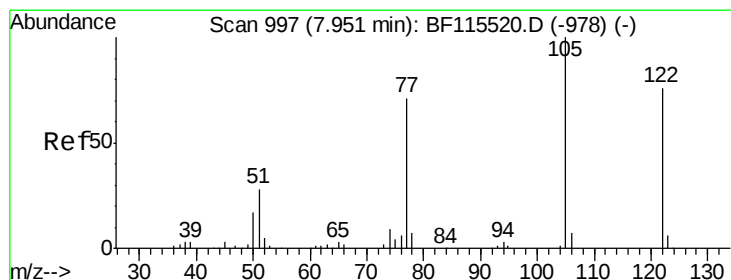
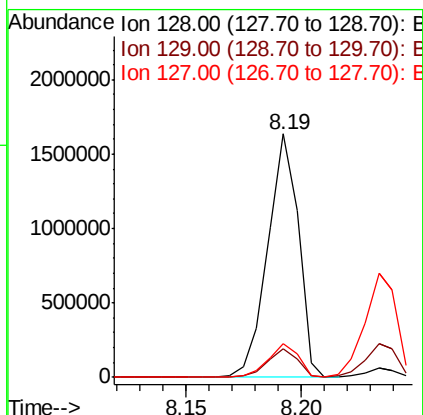
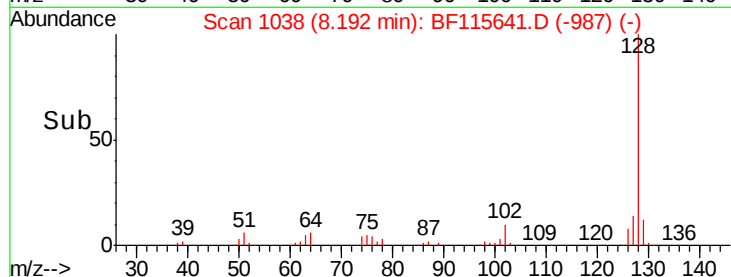
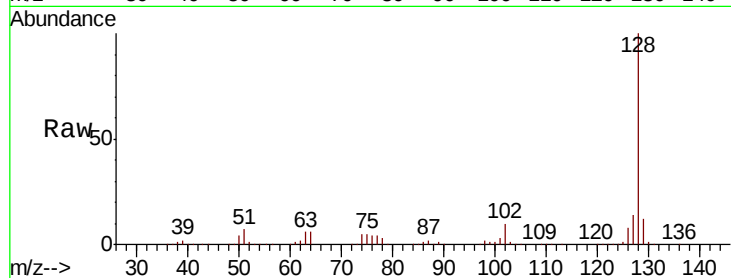




#31  
Naphthalene  
Concen: 41.299 ng  
RT: 8.19 min Scan# 1038  
Delta R.T. -0.00 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

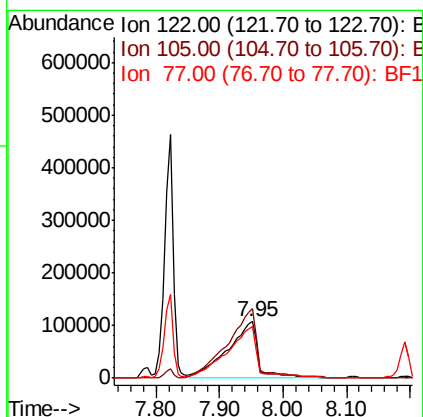
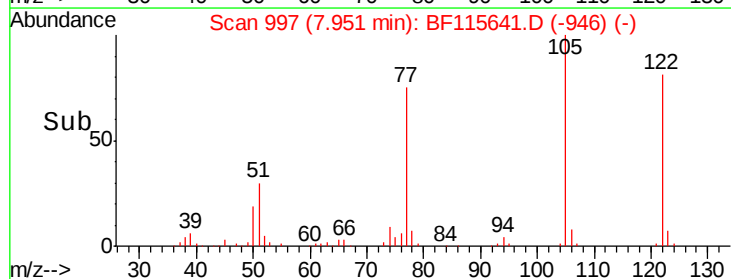
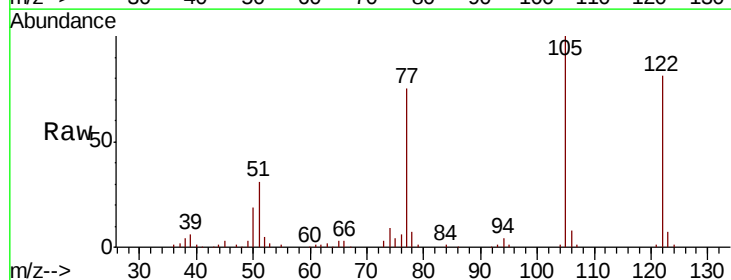
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:128 Resp: 1514228  
Ion Ratio Lower Upper  
128 100  
129 11.8 9.9 14.9  
127 14.0 12.1 18.1



#32  
Benzoic acid  
Concen: 39.657 ng  
RT: 7.95 min Scan# 997  
Delta R.T. -0.00 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Tgt Ion:122 Resp: 351980  
Ion Ratio Lower Upper  
122 100  
105 122.9 102.5 142.5  
77 92.0 70.2 110.2

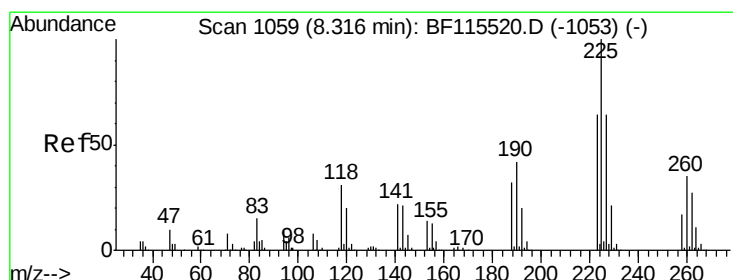
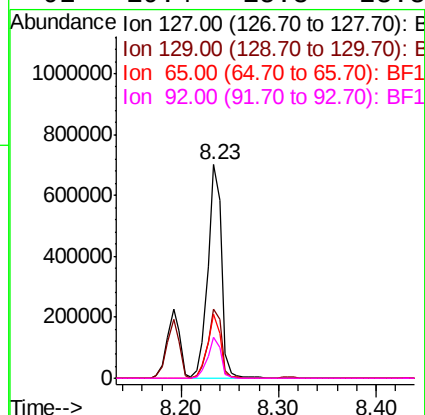
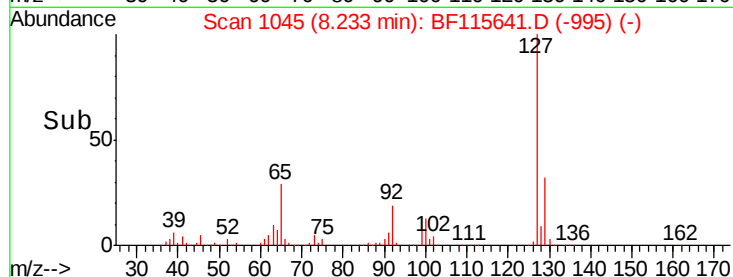
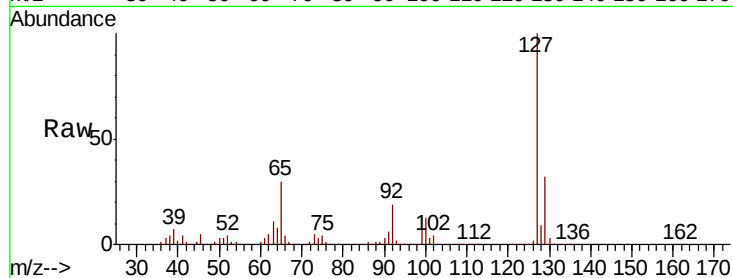




#33  
4-Chloroaniline  
Concen: 41.965 ng  
RT: 8.23 min Scan# 1045  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

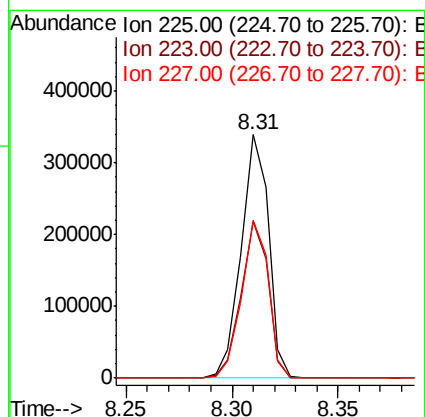
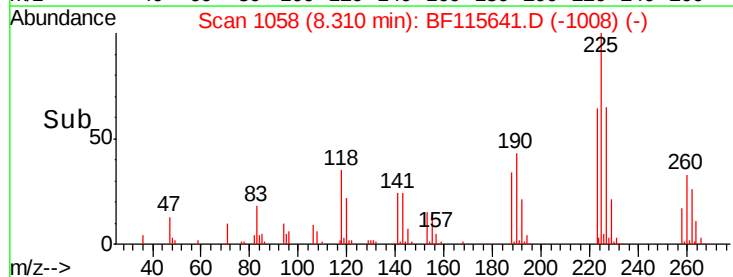
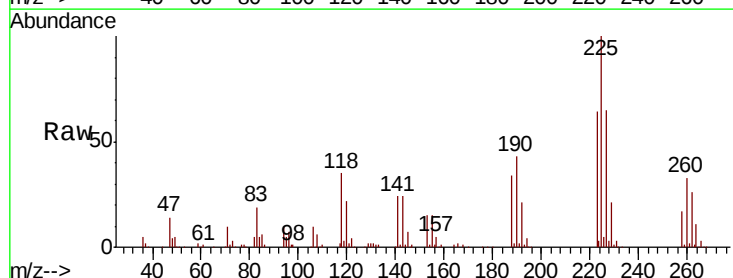
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

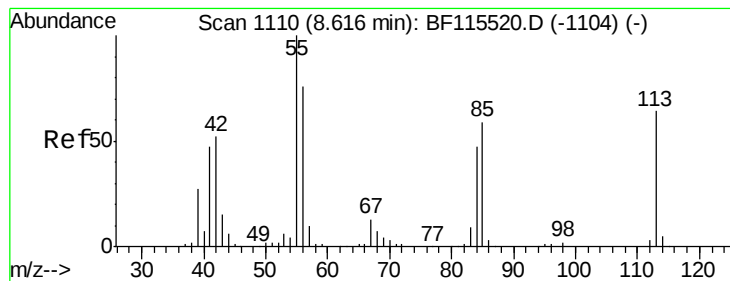
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 681545 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 26.6  | 39.8   |
| 65       | 29.9  | 23.7  | 35.5   |
| 92       | 19.4  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 41.698 ng  
RT: 8.31 min Scan# 1058  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 304019 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.3  | 50.9  | 76.3   |
| 227      | 64.6  | 50.7  | 76.1   |





#35

Caprolactam

Concen: 42.948 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

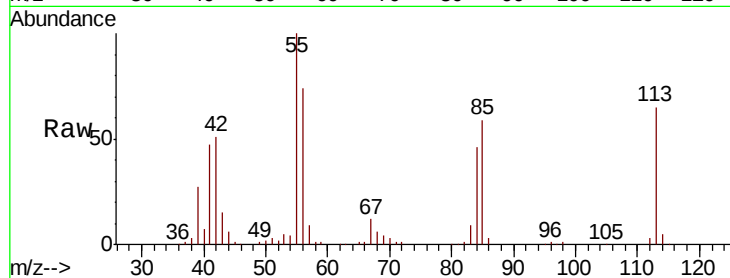
Tot Ion:113 Resp: 149275

Ion Ratio Lower Upper

113 100

55 154.4 126.9 166.9

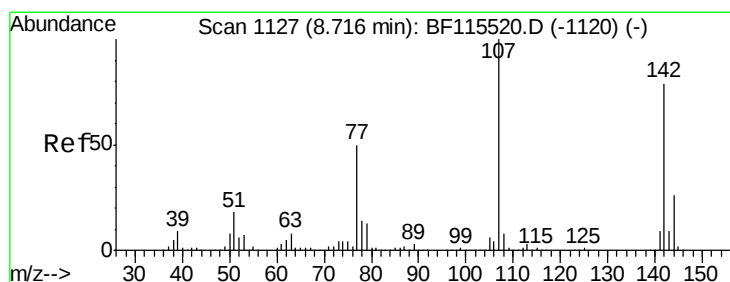
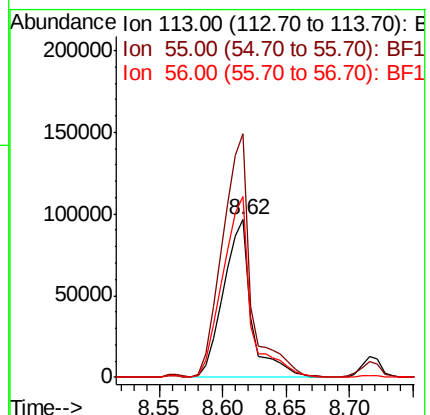
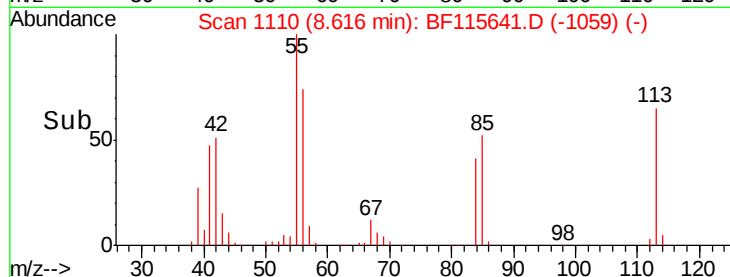
56 114.7 90.3 130.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.565 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

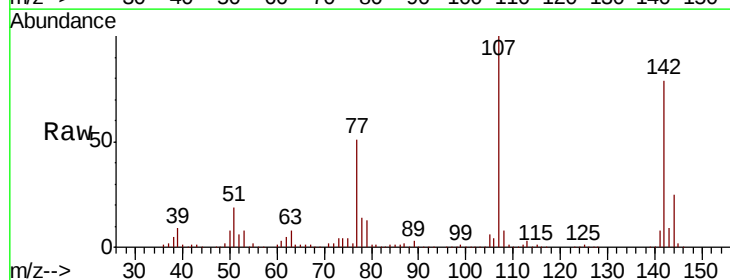
Tgt Ion:107 Resp: 484951

Ion Ratio Lower Upper

107 100

144 25.2 20.6 30.8

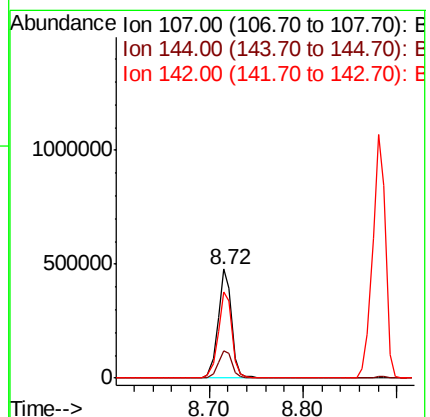
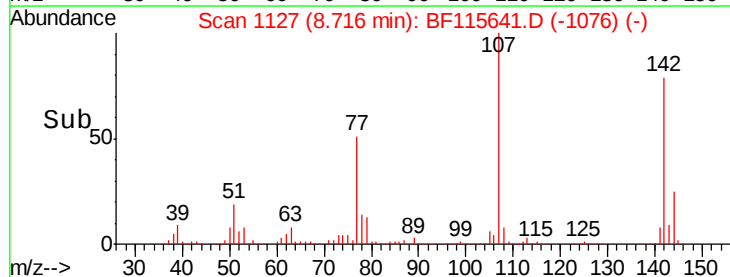
142 78.8 63.1 94.7

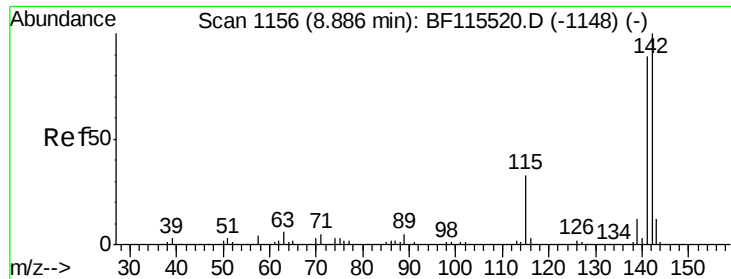


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

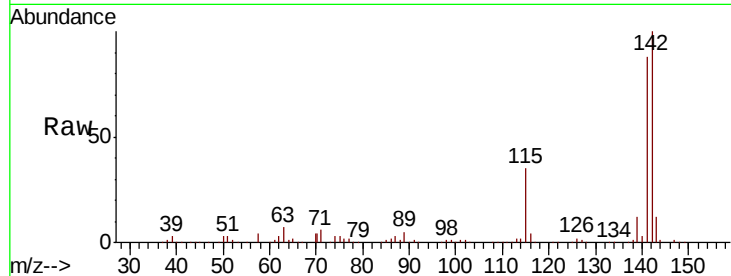




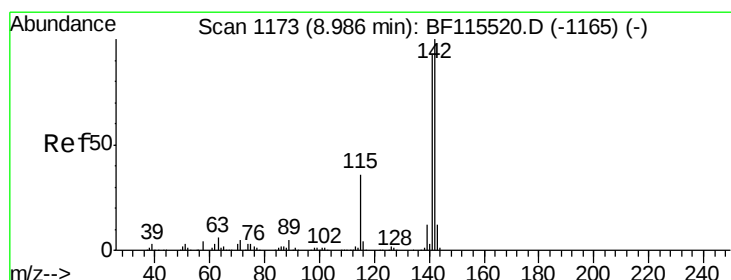
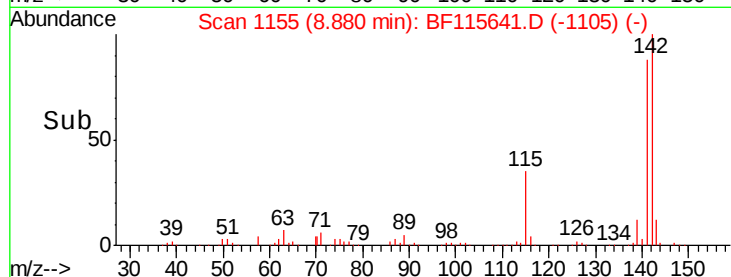
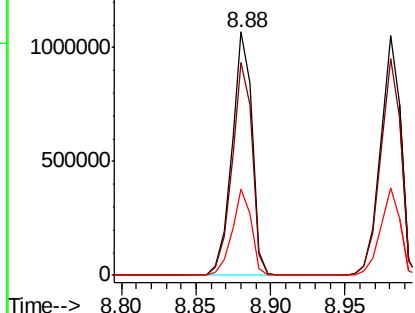
#37  
2-Methylnaphthalene  
Concen: 41.871 ng  
RT: 8.88 min Scan# 1155  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:142 Resp: 1017630  
Ion Ratio Lower Upper  
142 100  
141 87.7 72.0 108.0  
115 35.2 29.9 44.9

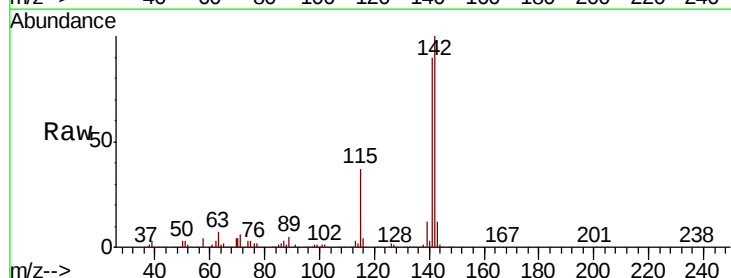


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

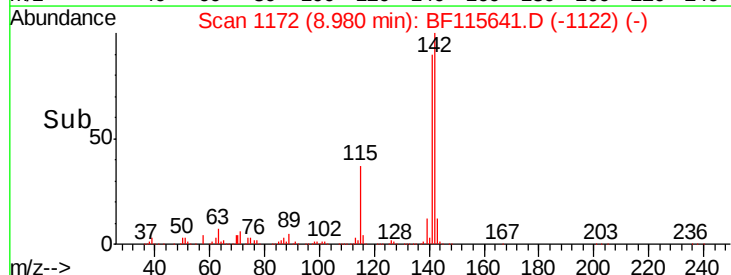
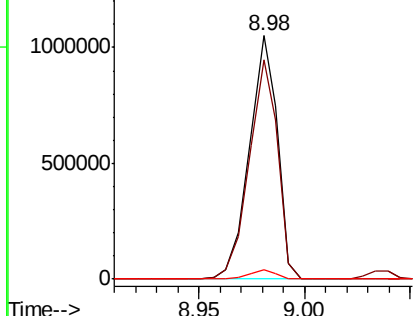


#38  
1-Methylnaphthalene  
Concen: 42.039 ng  
RT: 8.98 min Scan# 1172  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Tgt Ion:142 Resp: 970481  
Ion Ratio Lower Upper  
142 100  
141 90.3 75.3 112.9  
116 4.0 3.3 4.9



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

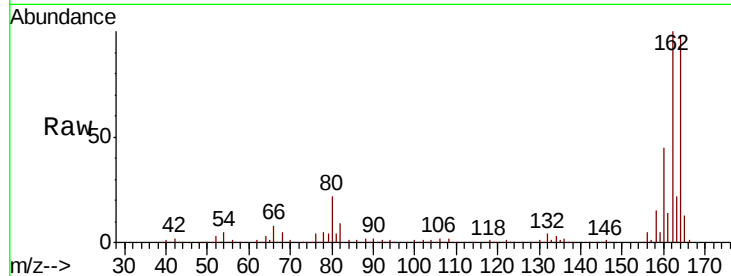




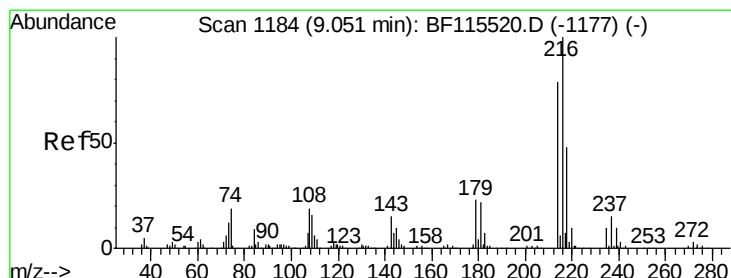
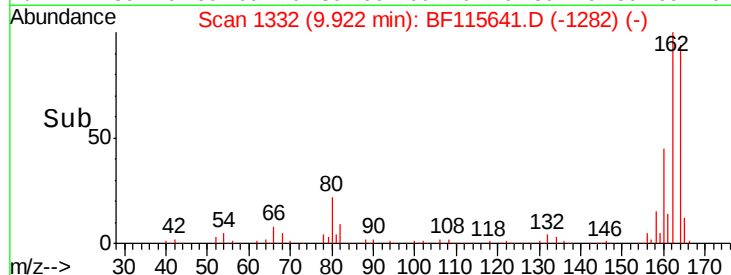
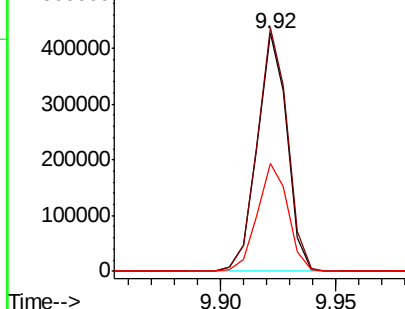
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:164 Resp: 384496  
Ion Ratio Lower Upper  
164 100  
162 102.1 82.9 124.3  
160 45.5 36.8 55.2

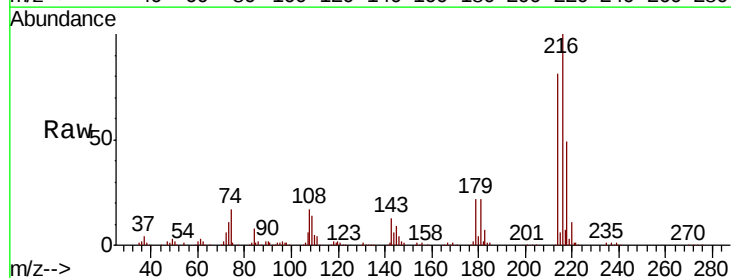


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

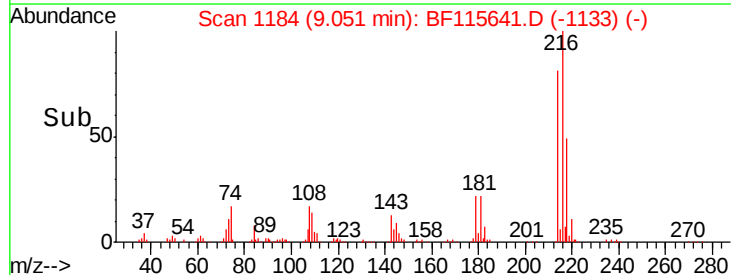
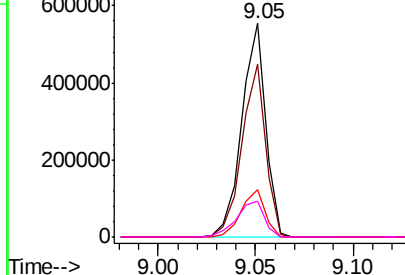


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.732 ng  
RT: 9.05 min Scan# 1184  
Delta R.T. -0.00 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Tgt Ion:216 Resp: 471614  
Ion Ratio Lower Upper  
216 100  
214 80.1 65.1 97.7  
179 22.1 18.3 27.5  
108 19.7 15.7 23.5



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





#41

Hexachlorocyclopentadiene

Concen: 39.190 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

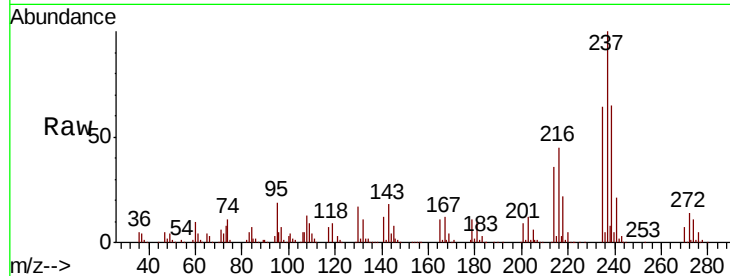
Tot Ion:237 Resp: 258844

Ion Ratio Lower Upper

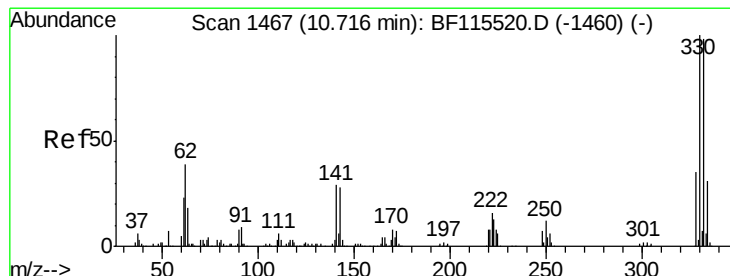
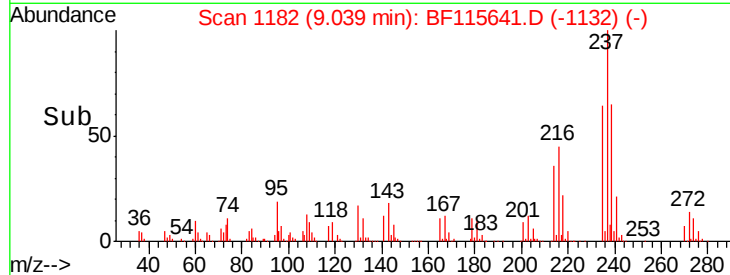
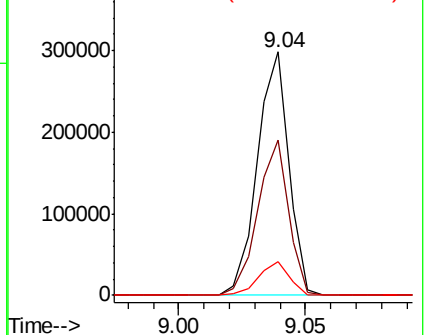
237 100

235 63.9 43.6 83.6

272 13.8 0.0 33.9



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



#42

2,4,6-Tribromophenol

Concen: 82.148 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

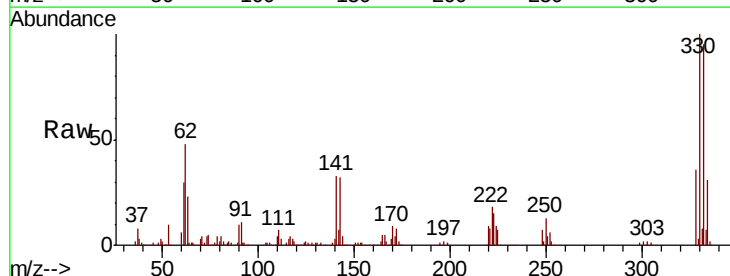
Tgt Ion:330 Resp: 368679

Ion Ratio Lower Upper

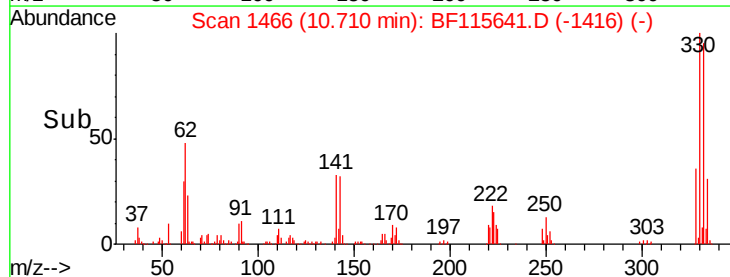
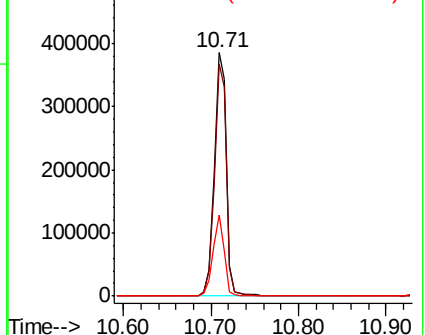
330 100

332 95.1 77.4 116.2

141 31.2 22.4 33.6



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

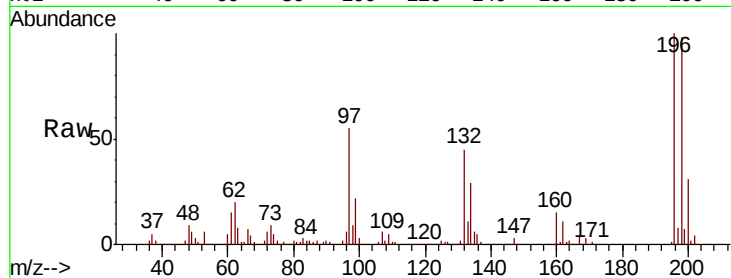




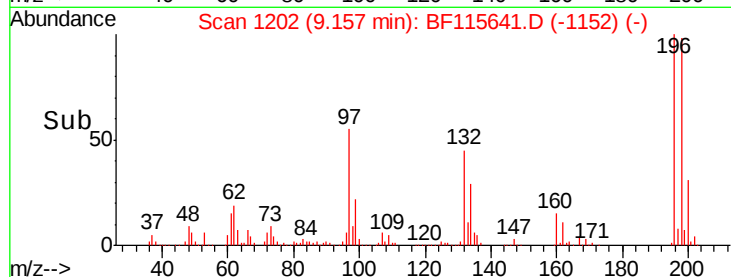
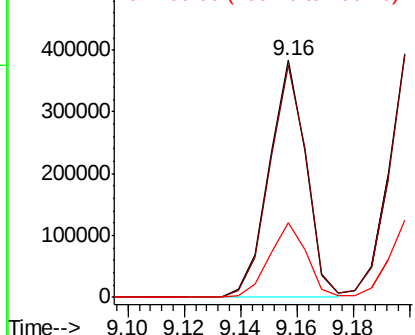
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.024 ng  
 RT: 9.16 min Scan# 1202  
 Delta R.T. -0.01 min  
 Lab File: BF115641.D  
 Acq: 18 Jul 2019 8:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:196 Resp: 347363  
 Ion Ratio Lower Upper  
 196 100  
 198 97.9 80.6 121.0  
 200 31.5 25.8 38.6



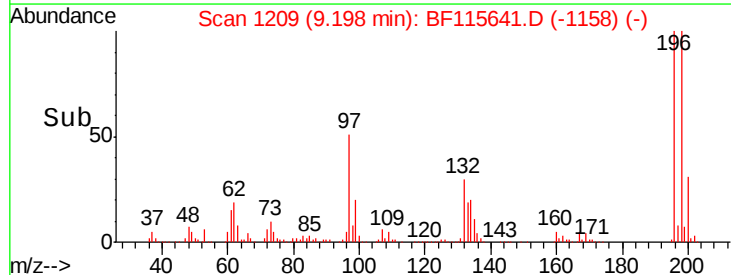
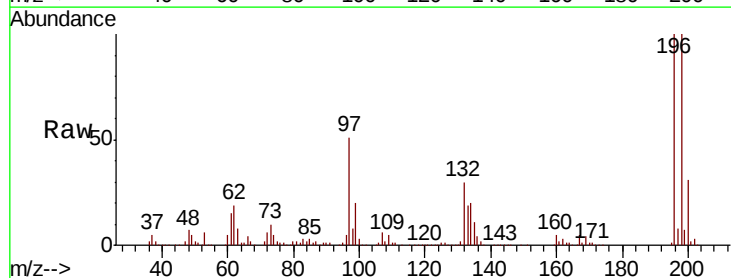
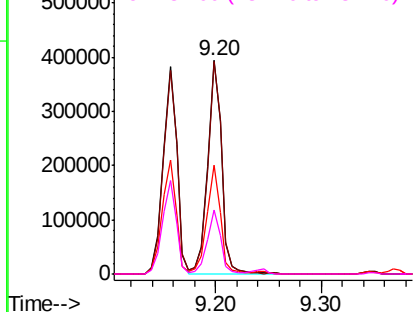
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

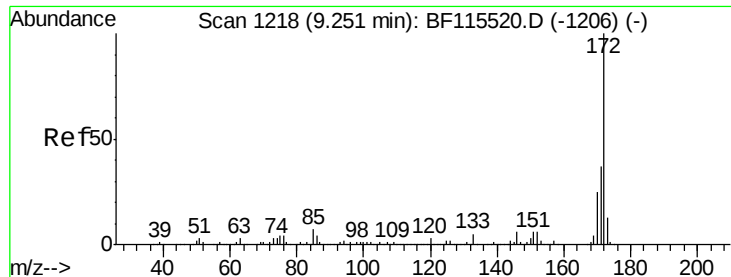


#44  
 2,4,5-Trichlorophenol  
 Concen: 41.973 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. -0.00 min  
 Lab File: BF115641.D  
 Acq: 18 Jul 2019 8:29

Tgt Ion:196 Resp: 363966  
 Ion Ratio Lower Upper  
 196 100  
 198 99.7 79.6 119.4  
 97 50.8 37.8 56.6  
 132 29.9 22.8 34.2

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

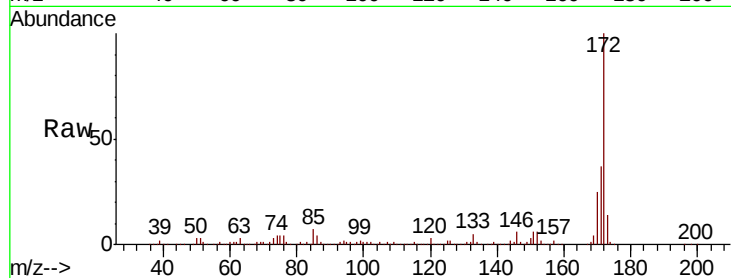




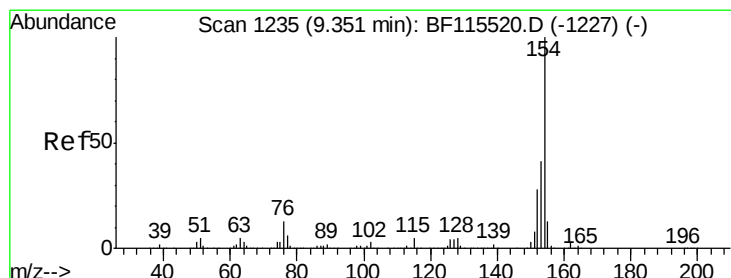
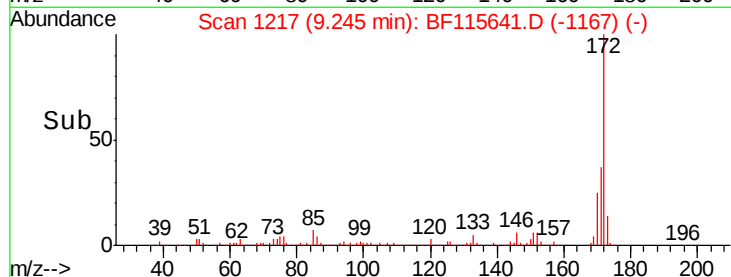
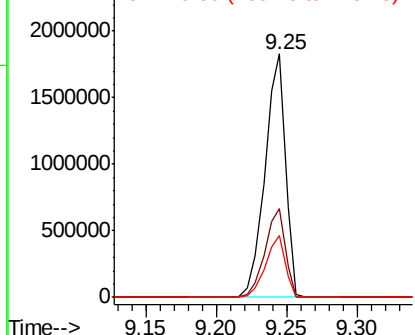
#45  
2-Fluorobiphenyl  
Concen: 85.507 ng  
RT: 9.25 min Scan# 1217  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:172 Resp: 1878382  
Ion Ratio Lower Upper  
172 100  
171 36.6 30.6 46.0  
170 25.3 20.5 30.7

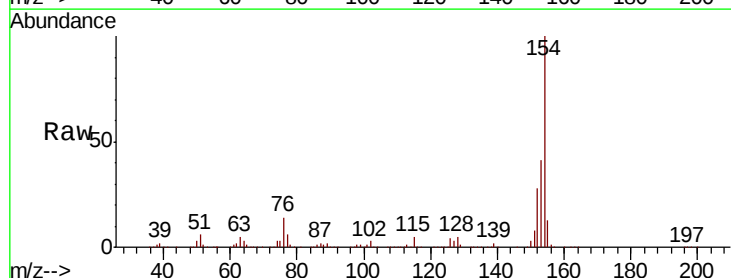


Abundance Ion 172.00 (171.70 to 172.70): E  
2500000 Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

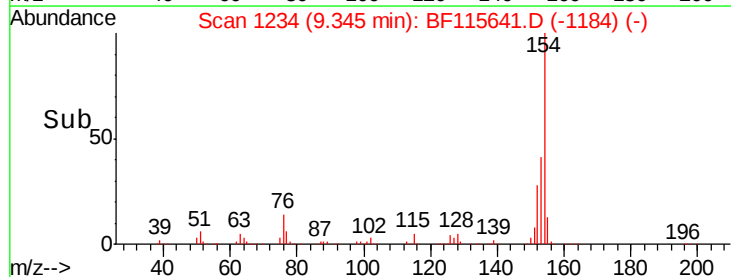
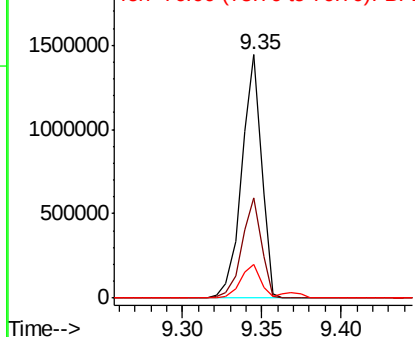


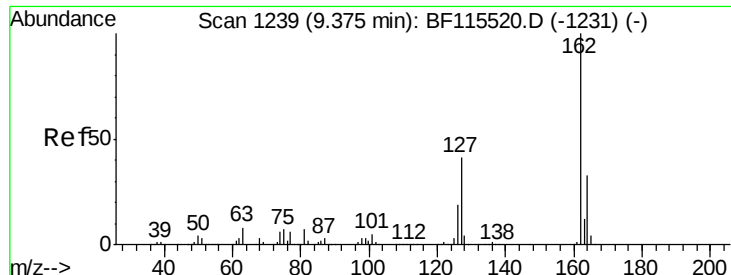
#46  
1,1'-Biphenyl  
Concen: 41.321 ng  
RT: 9.35 min Scan# 1234  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Tgt Ion:154 Resp: 1242076  
Ion Ratio Lower Upper  
154 100  
153 41.4 22.6 62.6  
76 13.7 0.0 33.4



Abundance Ion 154.00 (153.70 to 154.70): E  
2000000 Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF1

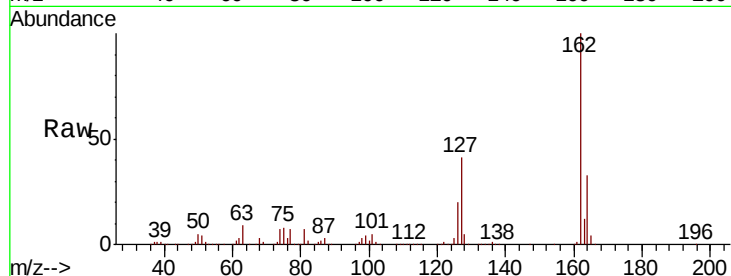




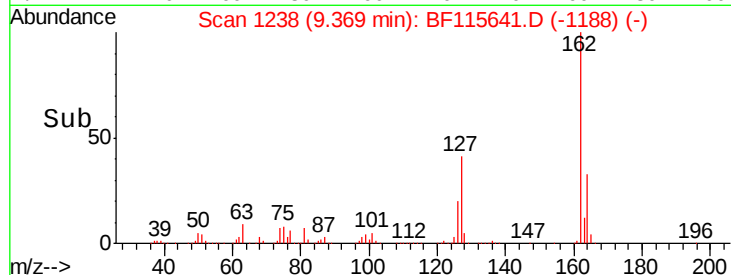
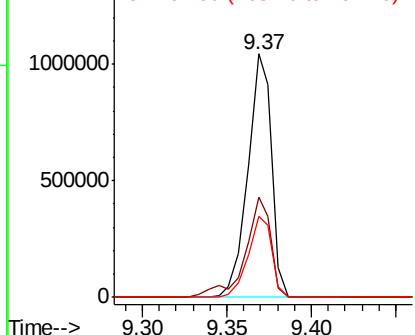
#47  
2-Chloronaphthalene  
Concen: 40.982 ng  
RT: 9.37 min Scan# 1238  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:162 Resp: 1025745  
Ion Ratio Lower Upper  
162 100  
127 41.4 34.1 51.1  
164 33.5 27.4 41.2

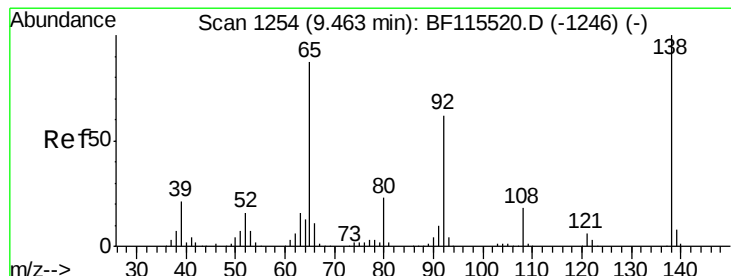


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

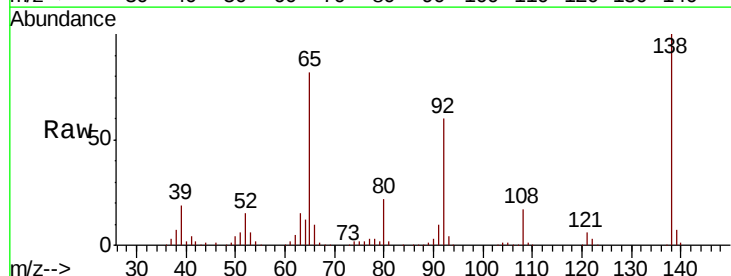
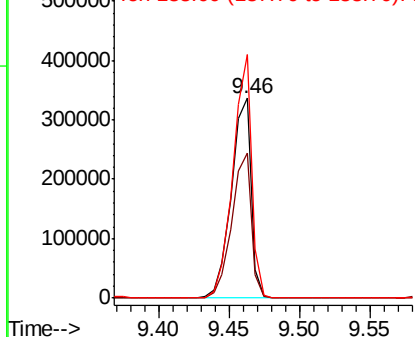


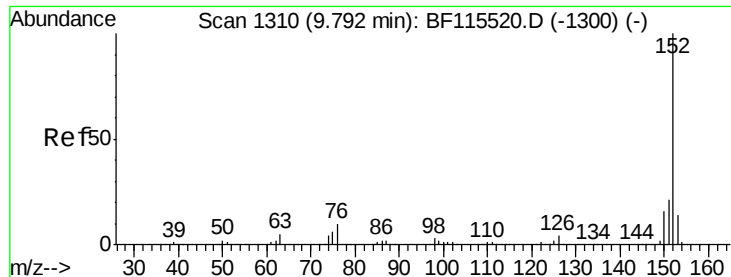
#48  
2-Nitroaniline  
Concen: 42.533 ng  
RT: 9.46 min Scan# 1254  
Delta R.T. -0.00 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Tgt Ion: 65 Resp: 329500  
Ion Ratio Lower Upper  
65 100  
92 72.8 57.8 86.6  
138 121.7 91.2 136.8



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





#49

Acenaphthylene

Concen: 42.121 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

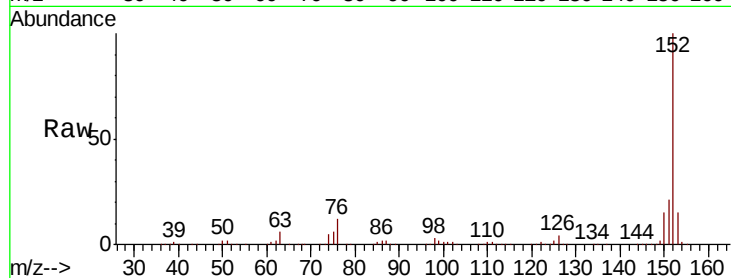
Tot Ion:152 Resp: 1562152

Ion Ratio Lower Upper

152 100

151 21.4 17.7 26.5

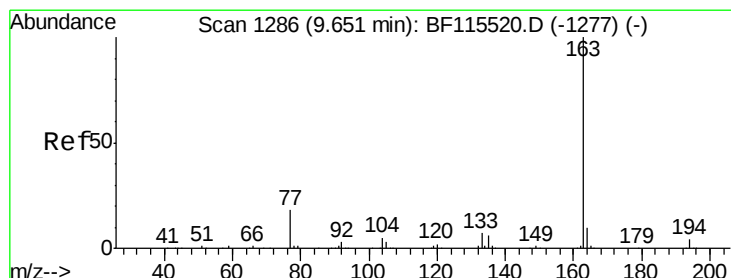
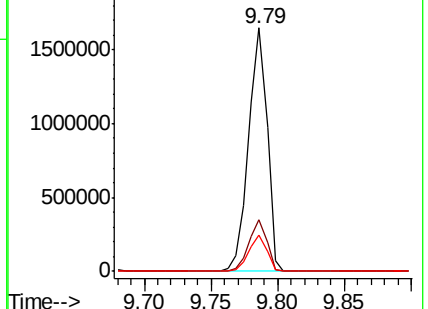
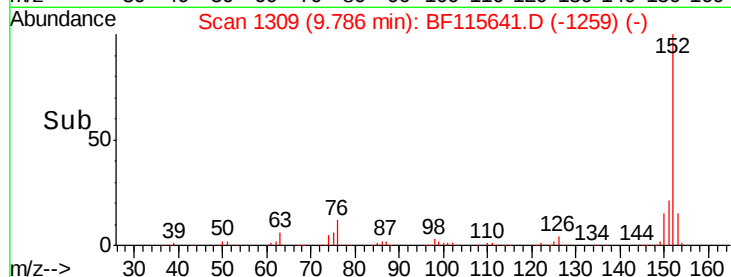
153 14.8 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.611 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

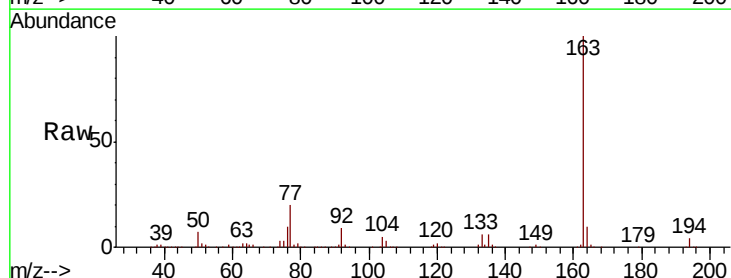
Tgt Ion:163 Resp: 1203736

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

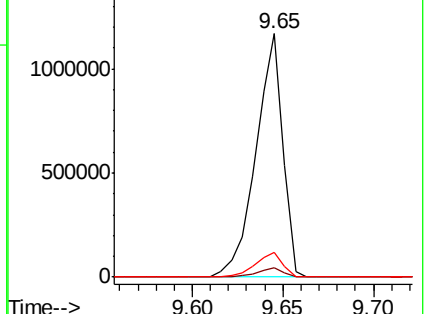
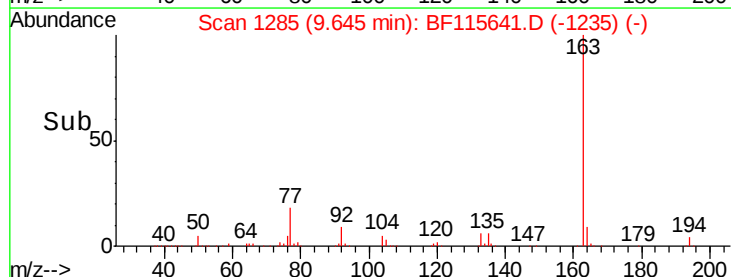
164 10.4 8.7 13.1

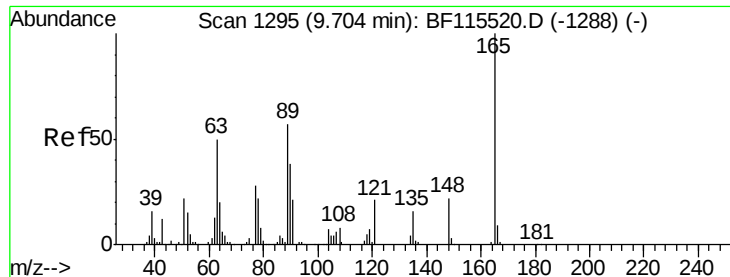


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

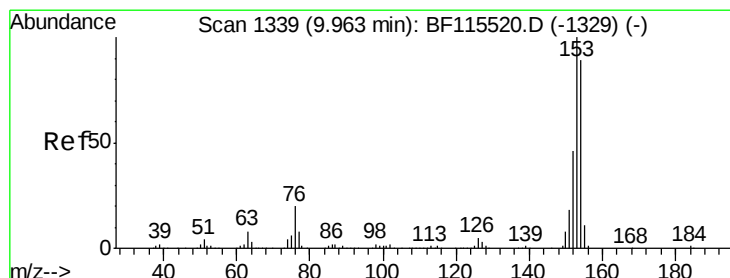
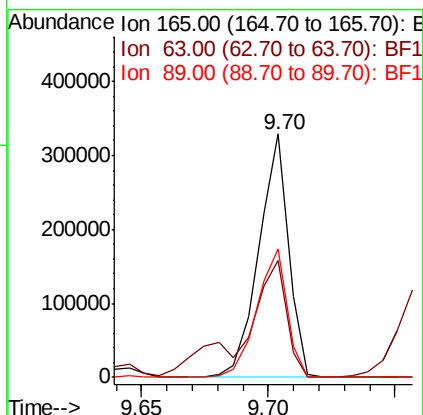
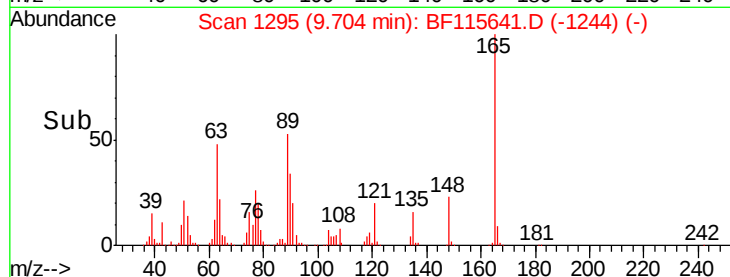
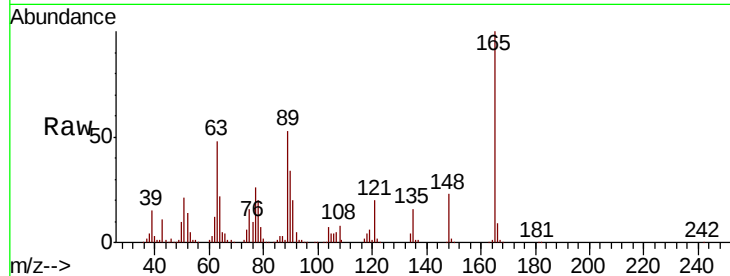




#51  
2,6-Dinitrotoluene  
Concen: 41.237 ng  
RT: 9.70 min Scan# 1295  
Delta R.T. -0.00 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

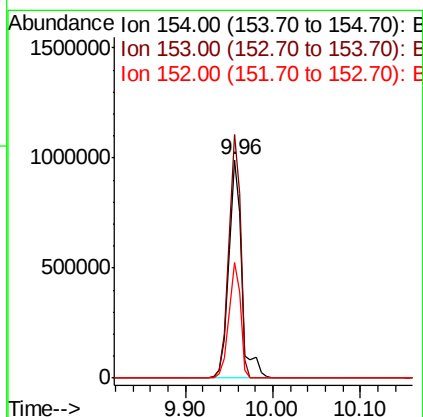
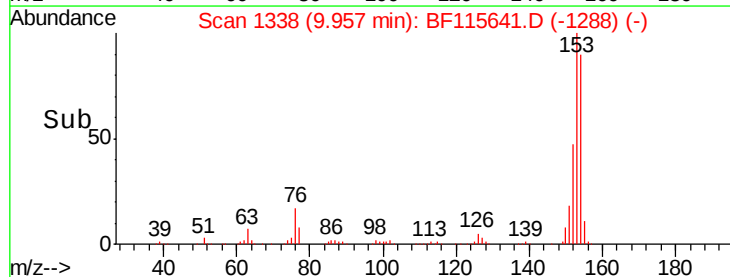
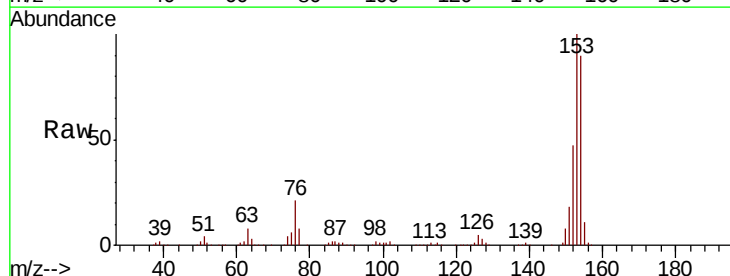
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

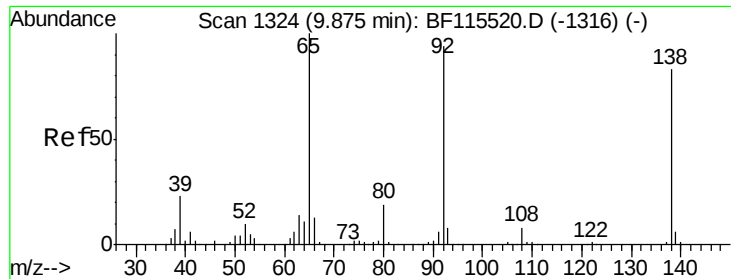
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 48.0  | 40.6  | 61.0  |
| 89      | 52.6  | 43.9  | 65.9  |



#52  
Acenaphthene  
Concen: 42.444 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.6 | 88.6  | 133.0 |
| 152     | 52.8  | 42.3  | 63.5  |

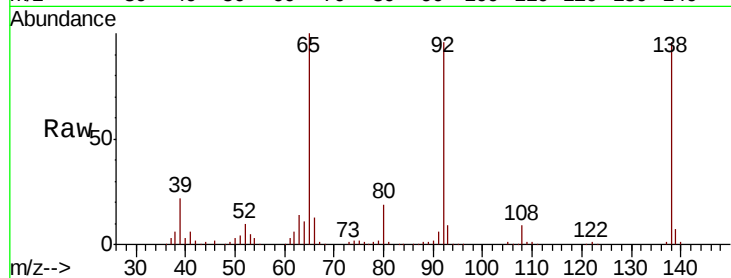




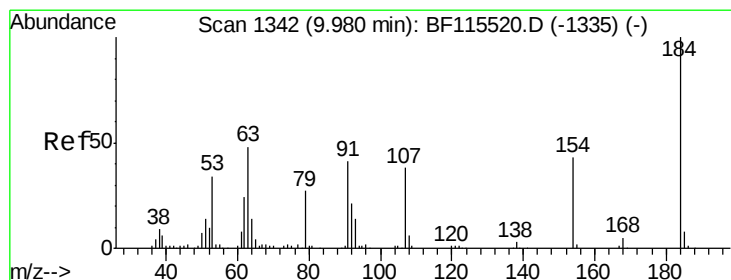
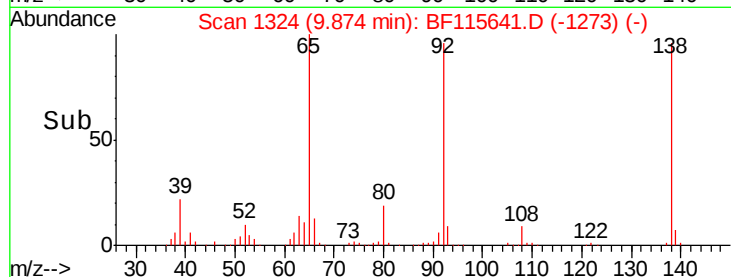
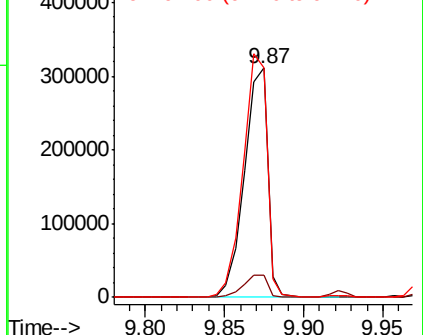
#53  
3-Nitroaniline  
Concen: 42.229 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:138 Resp: 317253  
Ion Ratio Lower Upper  
138 100  
108 9.6 8.4 12.6  
92 100.2 88.0 132.0

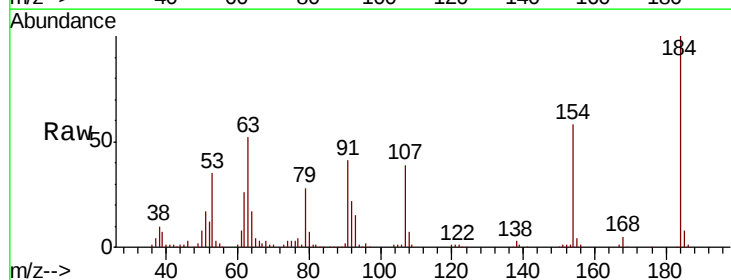


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

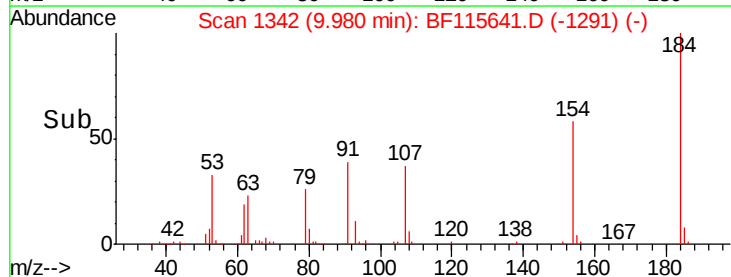
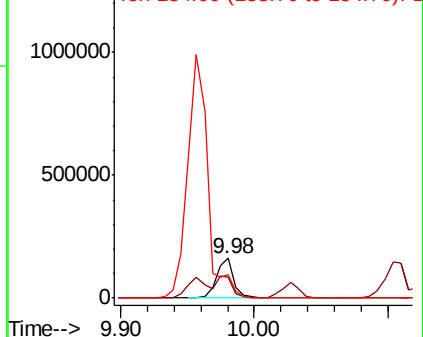


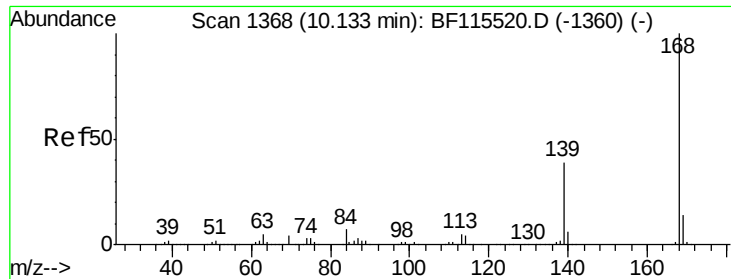
#54  
2,4-Dinitrophenol  
Concen: 44.145 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Tgt Ion:184 Resp: 149001  
Ion Ratio Lower Upper  
184 100  
63 51.8 48.7 73.1  
154 58.1 48.6 73.0



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





#55

Dibenzofuran

Concen: 40.497 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

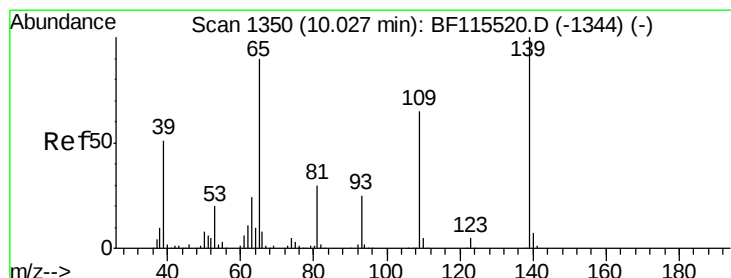
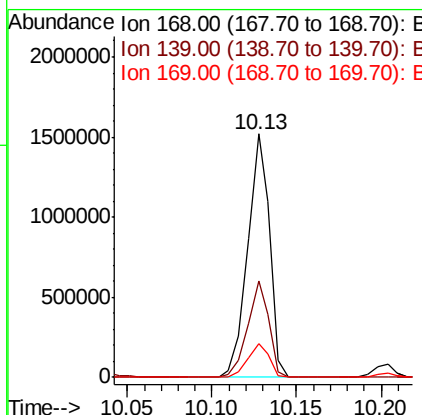
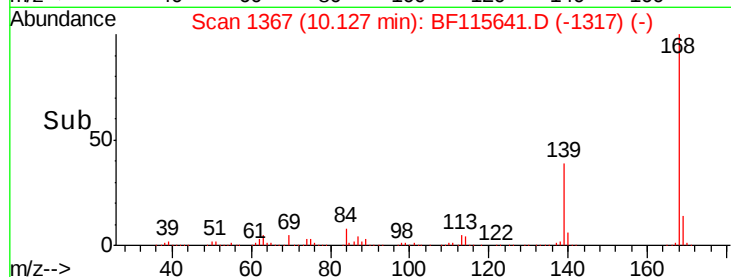
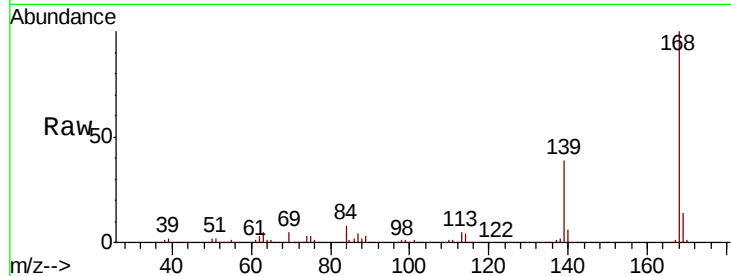
Tot Ion:168 Resp: 1377041

Ion Ratio Lower Upper

168 100

139 39.5 31.1 46.7

169 14.1 11.1 16.7



#56

4-Nitrophenol

Concen: 41.411 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

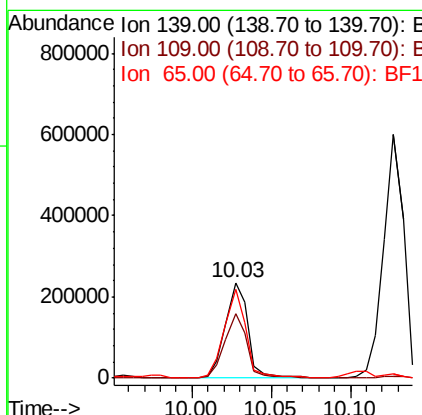
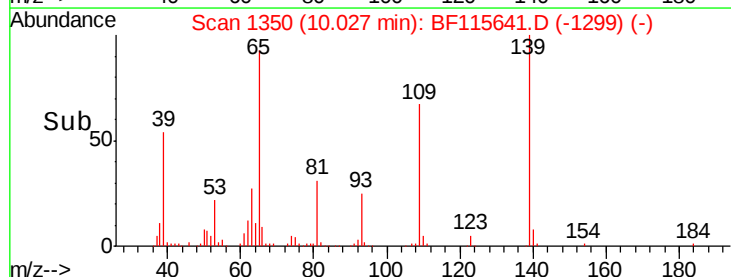
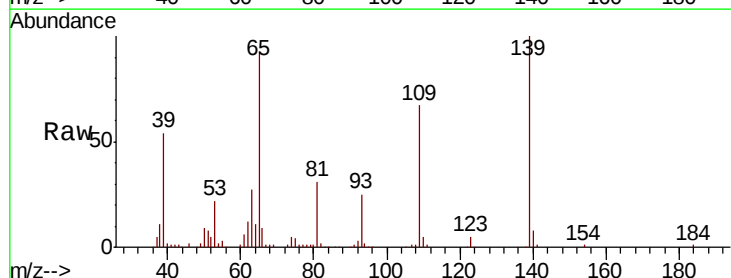
Tgt Ion:139 Resp: 237234

Ion Ratio Lower Upper

139 100

109 67.0 46.4 86.4

65 92.5 68.9 108.9

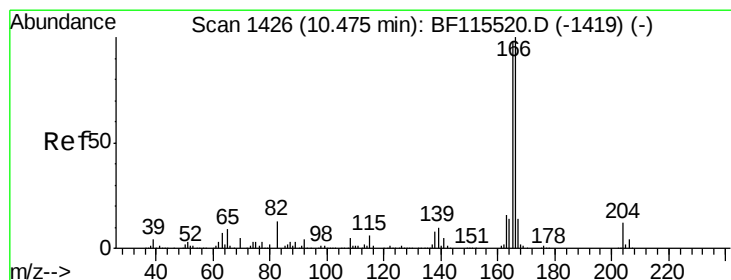
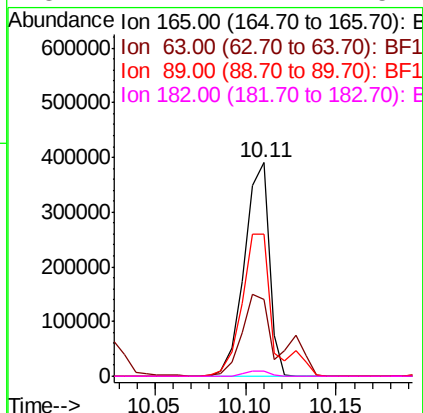
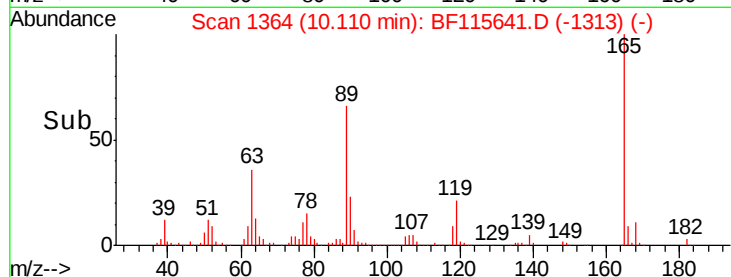
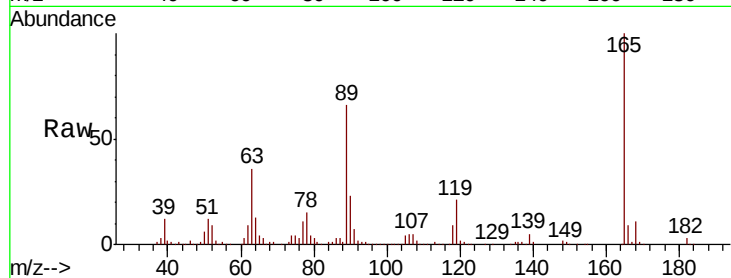




#57  
2,4-Dinitrotoluene  
Concen: 43.571 ng  
RT: 10.11 min Scan# 1364  
Delta R.T. -0.00 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

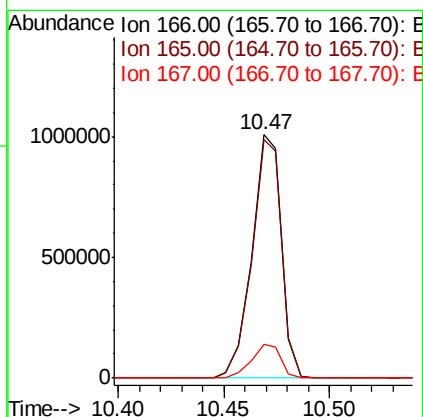
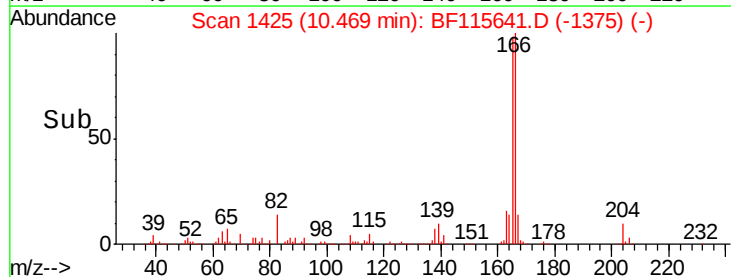
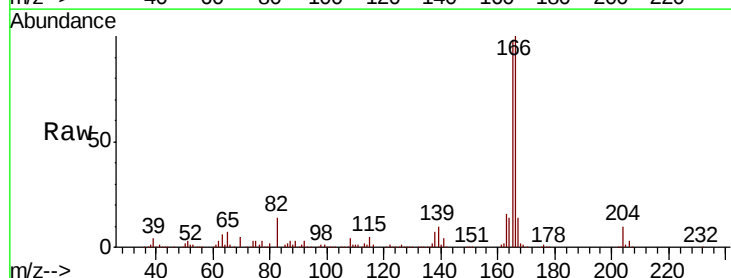
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

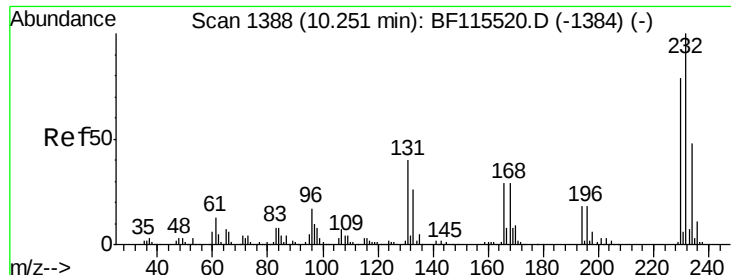
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 371103    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 35.9  | 34.9 52.3 |
| 89          | 66.4  | 57.5 86.3 |
| 182         | 2.7   | 2.2 3.4   |



#58  
Fluorene  
Concen: 40.311 ng  
RT: 10.47 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 979891     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 97.8  | 79.8 119.6 |
| 167         | 13.9  | 11.2 16.8  |

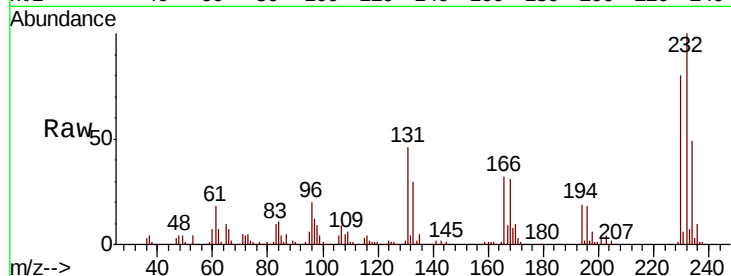




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.931 ng  
RT: 10.25 min Scan# 1387  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 44.5  | 35.9  | 53.9  |
| 130     | 2.1   | 1.8   | 2.6   |
| 166     | 30.4  | 24.8  | 37.2  |



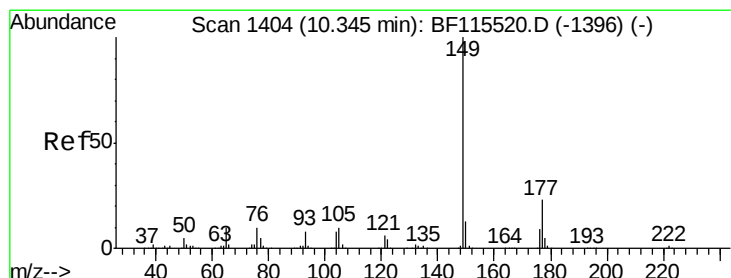
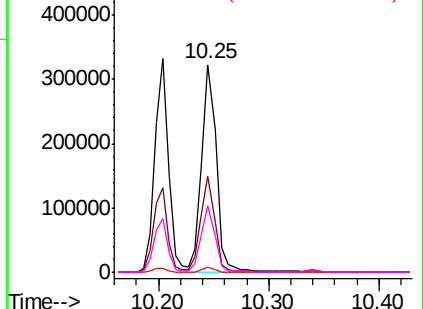
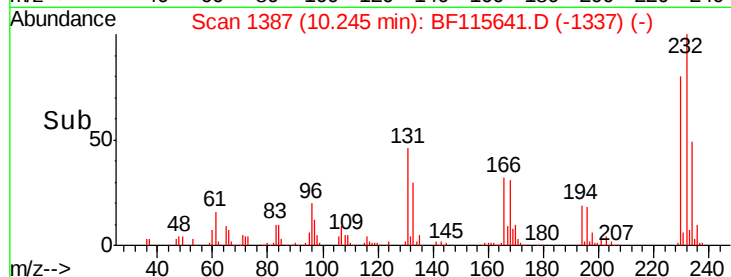
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

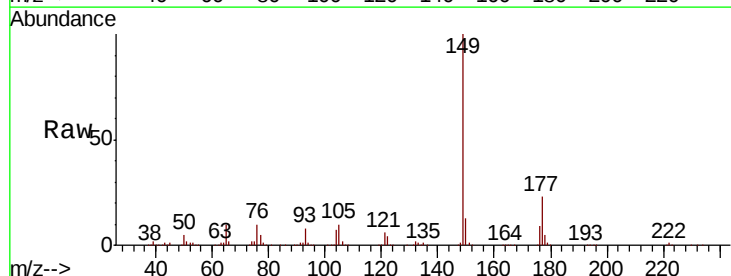
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
Diethylphthalate  
Concen: 41.328 ng  
RT: 10.34 min Scan# 1403  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.4  | 19.5  | 29.3  |
| 150     | 13.1  | 10.4  | 15.6  |

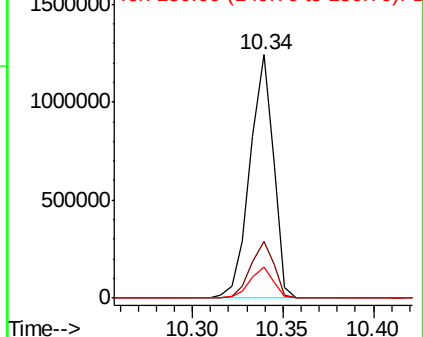
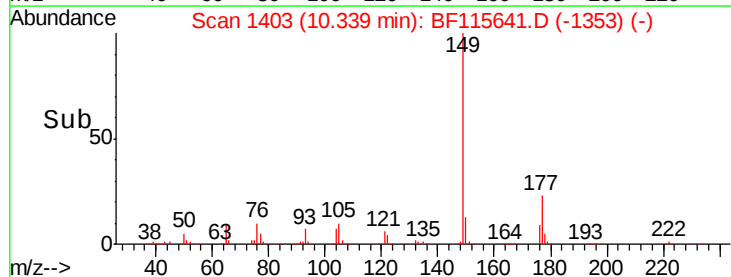


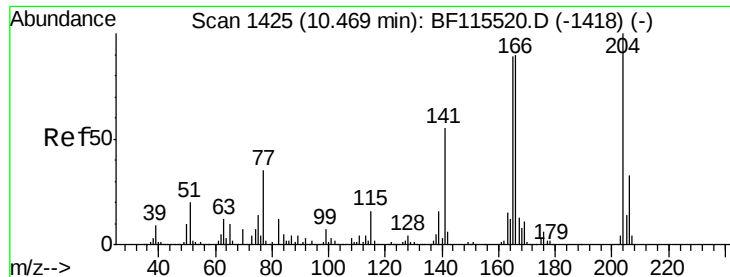
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 39.144 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

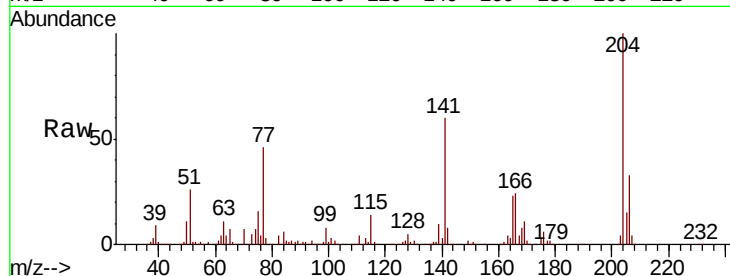
Tot Ion:204 Resp: 527681

Ion Ratio Lower Upper

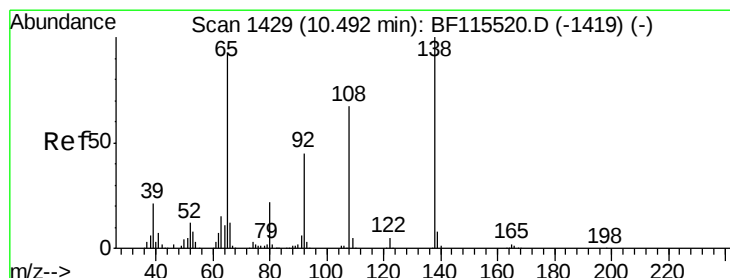
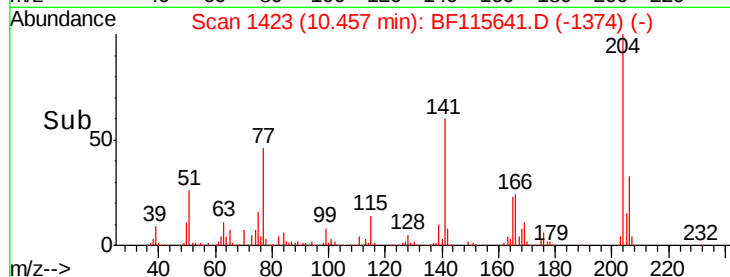
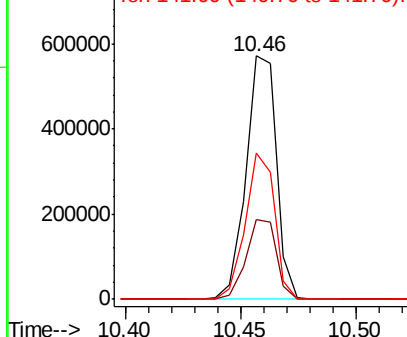
204 100

206 32.6 26.7 40.1

141 59.9 44.2 66.2



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



#62

4-Nitroaniline

Concen: 41.903 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

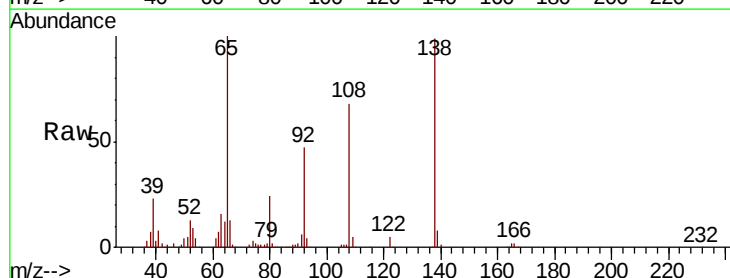
Tgt Ion:138 Resp: 301961

Ion Ratio Lower Upper

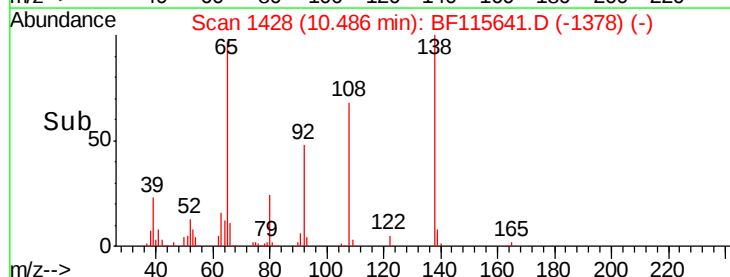
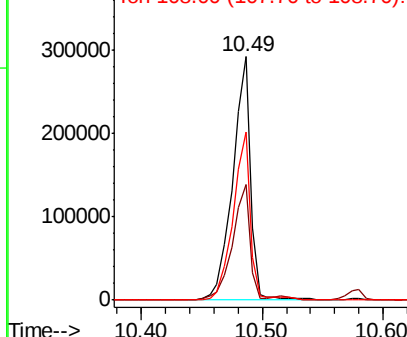
138 100

92 47.5 27.1 67.1

108 69.0 48.0 88.0



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



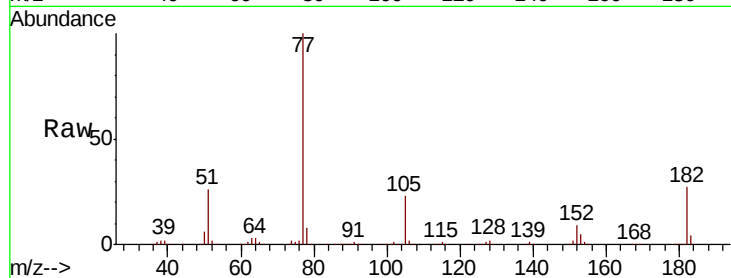


#63  
Azobenzene  
Concen: 44.821 ng  
RT: 10.62 min Scan# 1451  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion: 77 Resp: 1178352

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.5  | 6.9   | 46.9  |
| 105 | 23.4  | 3.9   | 43.9  |
| 51  | 25.9  | 7.3   | 47.3  |

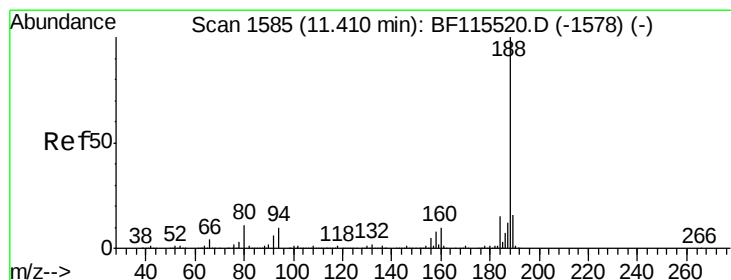
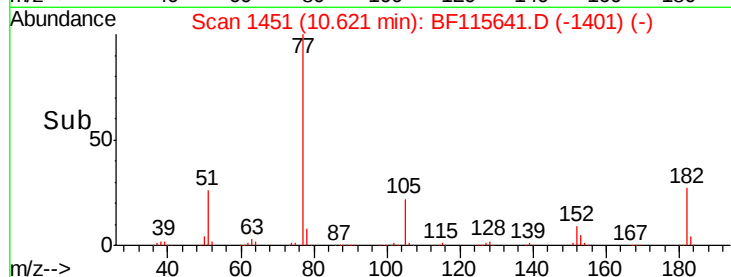
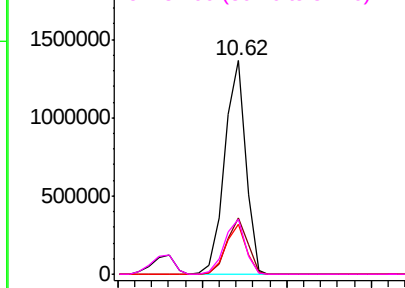


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

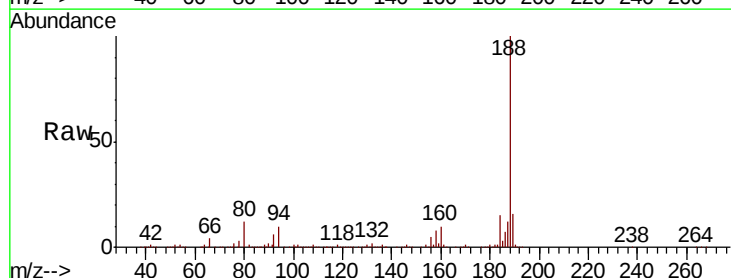
Ion 51.00 (50.70 to 51.70): BF1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Tgt Ion: 188 Resp: 740279

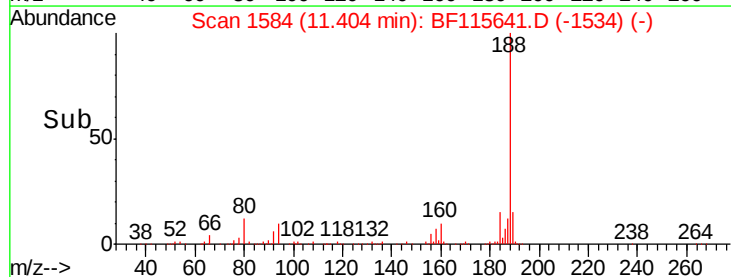
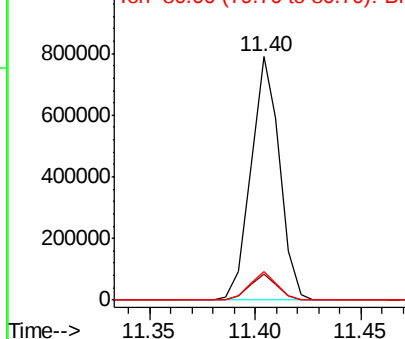
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.5  | 7.8   | 11.6  |
| 80  | 11.7  | 8.6   | 13.0  |



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.119 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

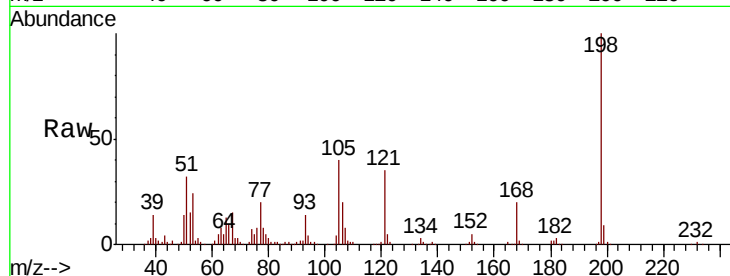
Tot Ion:198 Resp: 185976

Ion Ratio Lower Upper

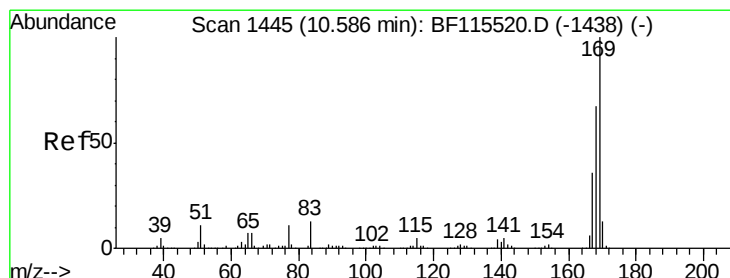
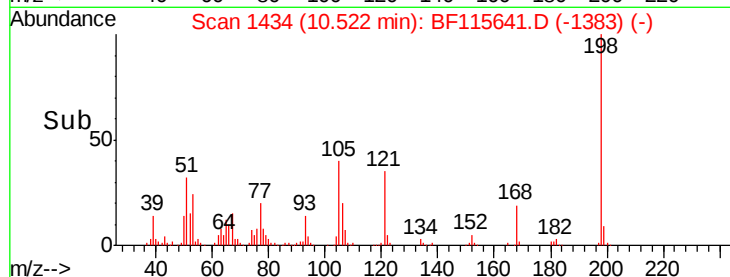
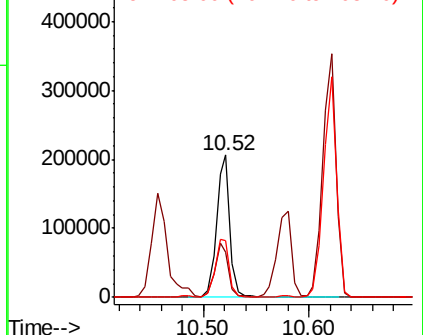
198 100

51 32.0 19.1 59.1

105 39.7 23.6 63.6



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



#66

n-Nitrosodiphenylamine

Concen: 41.140 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

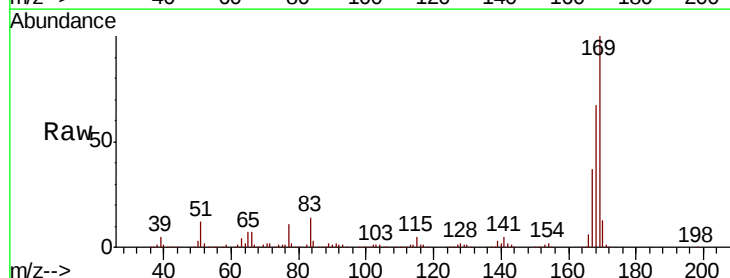
Tgt Ion:169 Resp: 947346

Ion Ratio Lower Upper

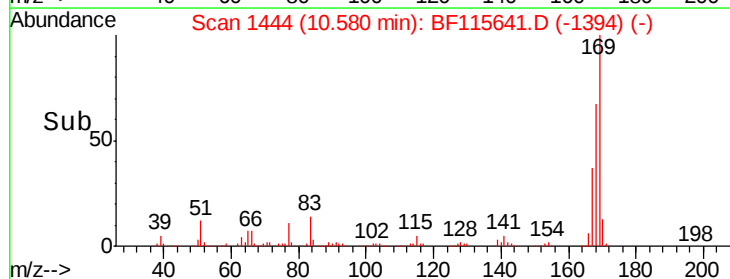
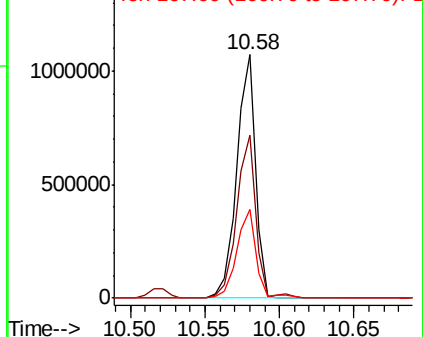
169 100

168 66.8 54.3 81.5

167 36.7 30.2 45.2



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

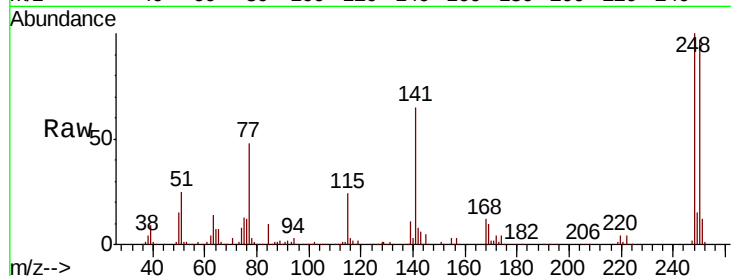




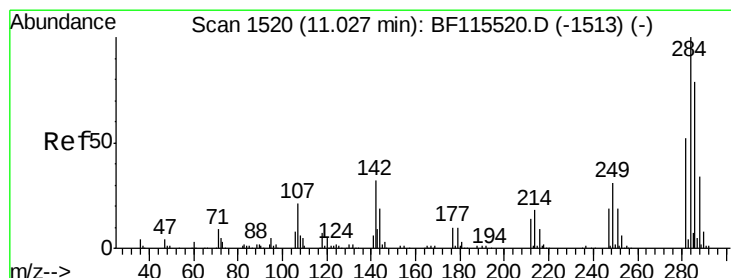
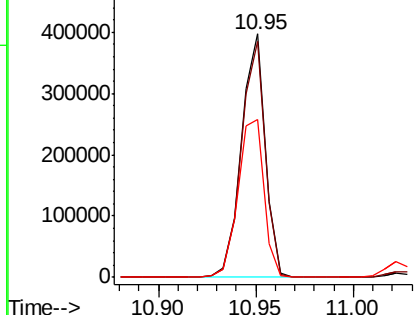
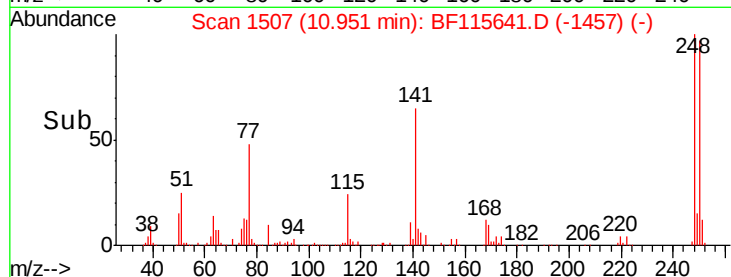
#67  
 4-Bromophenyl-phenylether  
 Concen: 39.598 ng  
 RT: 10.95 min Scan# 1507  
 Delta R.T. -0.01 min  
 Lab File: BF115641.D  
 Acq: 18 Jul 2019 8:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:248 Resp: 334988  
 Ion Ratio Lower Upper  
 248 100  
 250 96.8 78.0 117.0  
 141 64.7 57.7 86.5

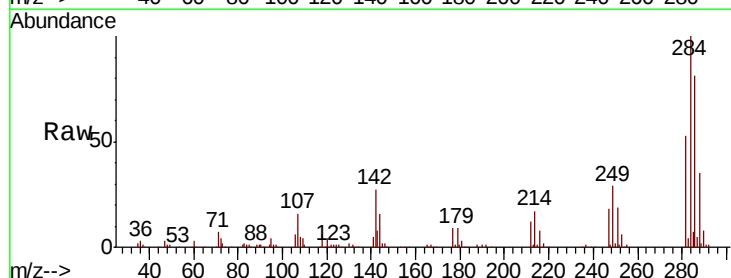


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

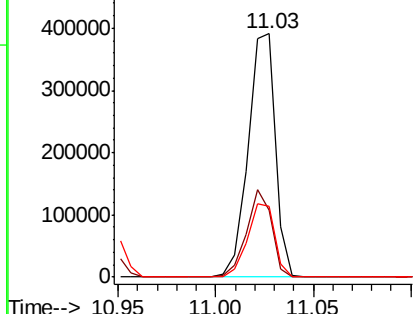
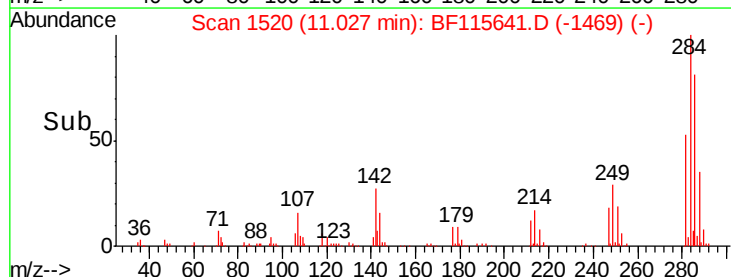


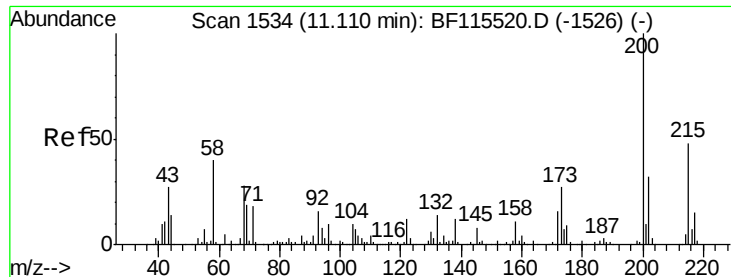
#68  
 Hexachlorobenzene  
 Concen: 39.044 ng  
 RT: 11.03 min Scan# 1520  
 Delta R.T. -0.00 min  
 Lab File: BF115641.D  
 Acq: 18 Jul 2019 8:29

Tgt Ion:284 Resp: 377196  
 Ion Ratio Lower Upper  
 284 100  
 142 27.4 22.2 33.2  
 249 29.3 23.4 35.2



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





#69

Atrazine

Concen: 38.920 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

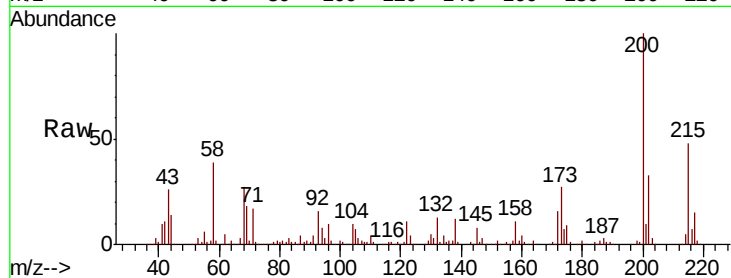
Tot Ion:200 Resp: 294013

Ion Ratio Lower Upper

200 100

173 27.3 6.9 46.9

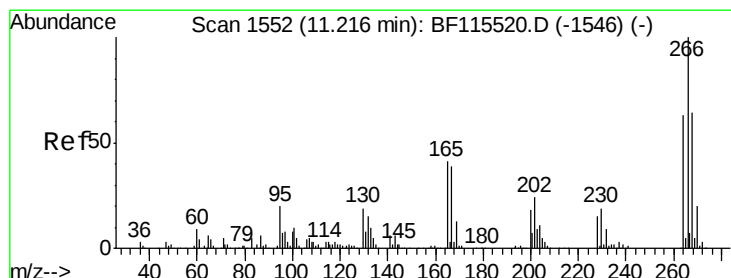
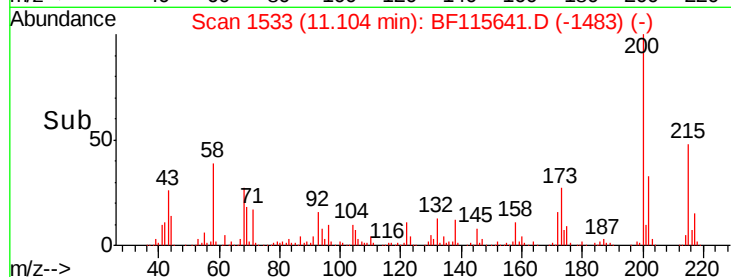
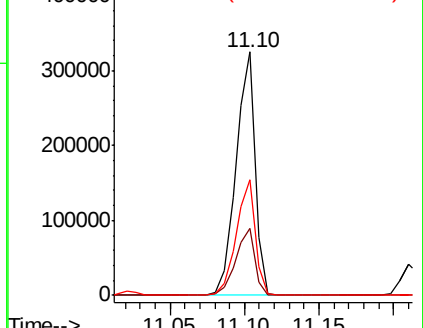
215 47.5 27.9 67.9



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: 39.054 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

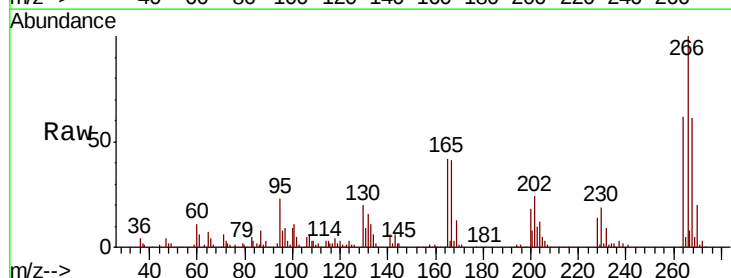
Tgt Ion:266 Resp: 230764

Ion Ratio Lower Upper

266 100

268 61.1 51.6 77.4

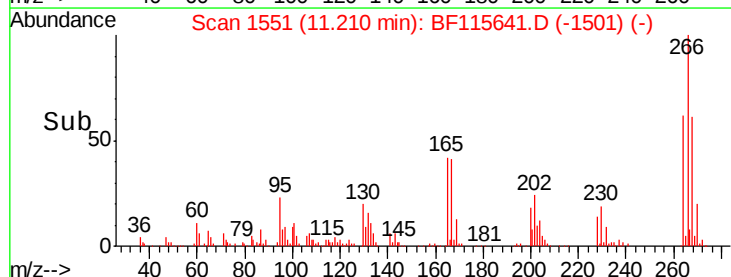
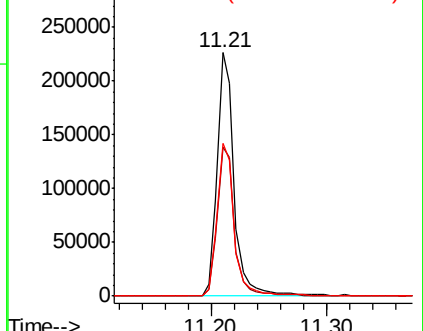
264 62.5 50.6 76.0

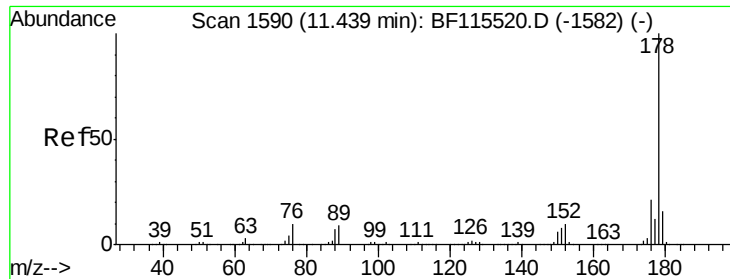


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.770 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

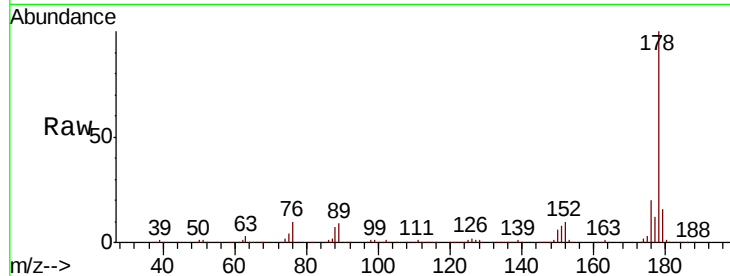
Tot Ion:178 Resp: 1547066

Ion Ratio Lower Upper

178 100

176 20.5 17.2 25.8

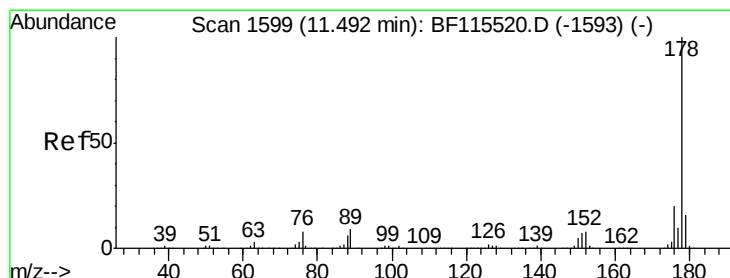
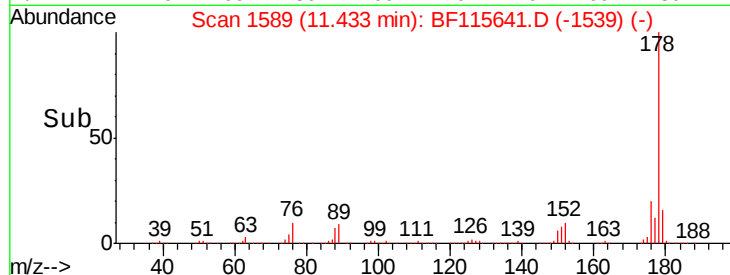
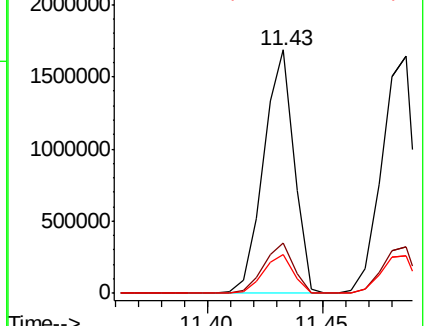
179 16.0 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.433 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

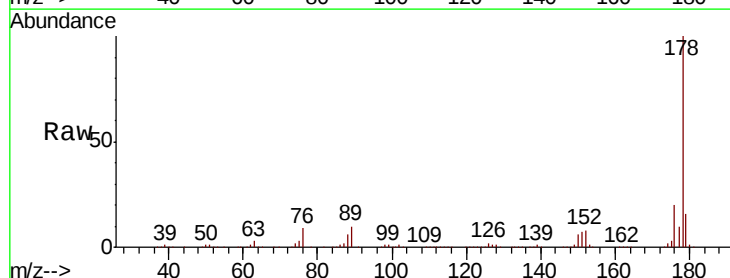
Tgt Ion:178 Resp: 1585632

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

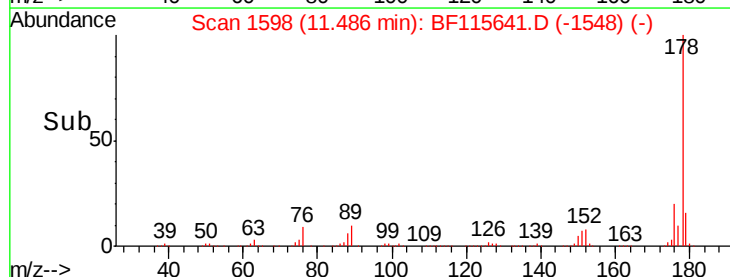
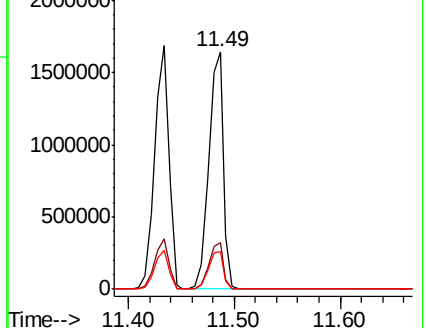
179 16.0 12.7 19.1

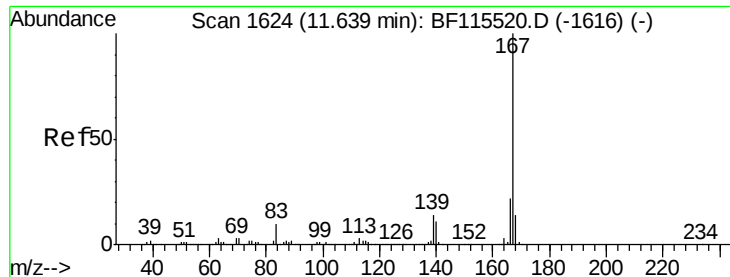


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

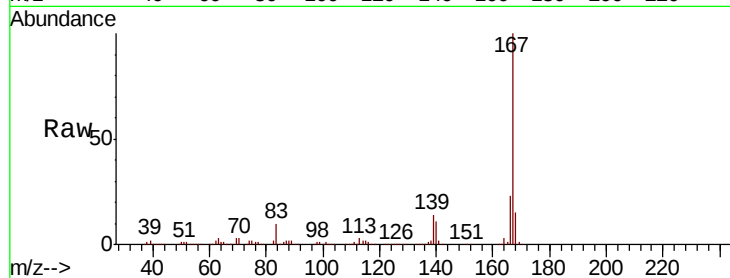




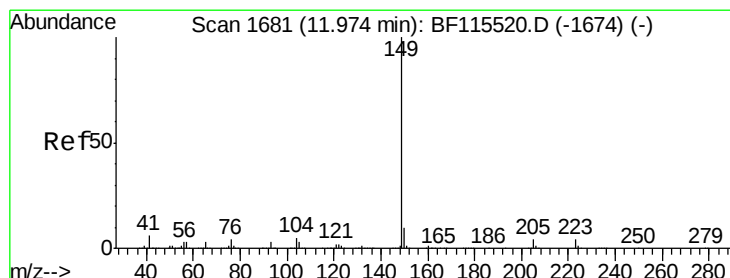
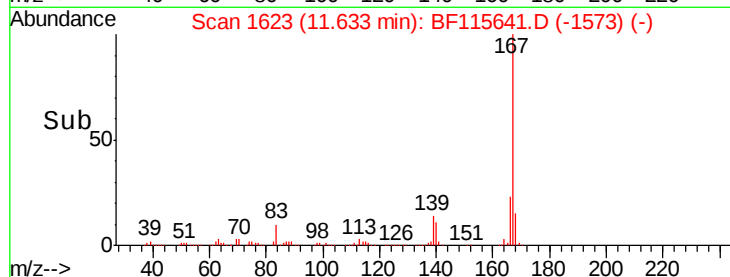
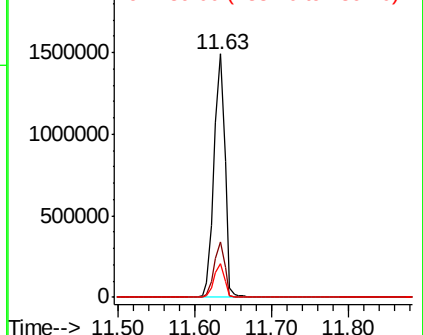
#73  
 Carbazole  
 Concen: 41.735 ng  
 RT: 11.63 min Scan# 1623  
 Delta R.T. -0.01 min  
 Lab File: BF115641.D  
 Acq: 18 Jul 2019 8:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:167 Resp: 1435242  
 Ion Ratio Lower Upper  
 167 100  
 166 22.7 18.1 27.1  
 139 14.0 11.3 16.9

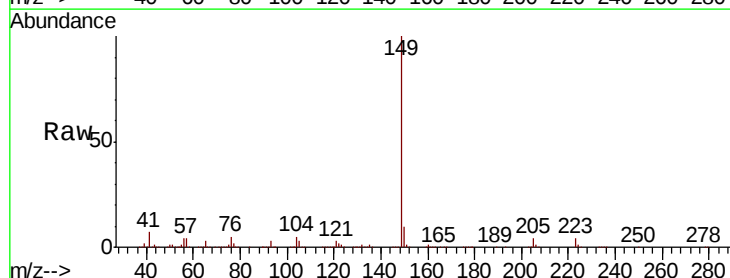


Abundance Ion 167.00 (166.70 to 167.70): E  
 2000000 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

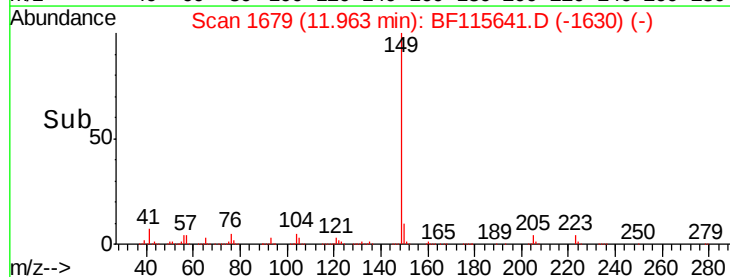
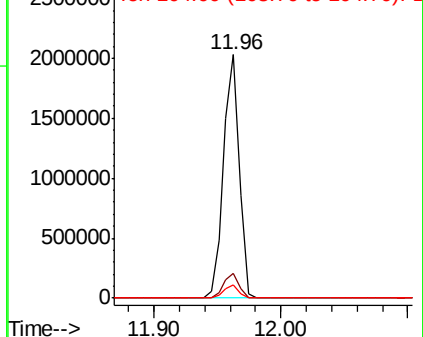


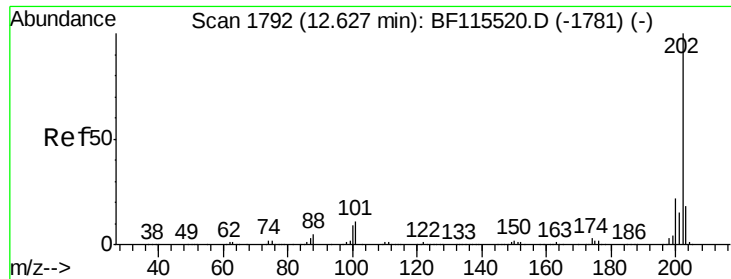
#74  
 Di-n-butylphthalate  
 Concen: 41.526 ng  
 RT: 11.96 min Scan# 1679  
 Delta R.T. -0.01 min  
 Lab File: BF115641.D  
 Acq: 18 Jul 2019 8:29

Tgt Ion:149 Resp: 1759043  
 Ion Ratio Lower Upper  
 149 100  
 150 10.0 7.7 11.5  
 104 5.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E  
 2500000 Ion 150.00 (149.70 to 150.70): E  
 Ion 104.00 (103.70 to 104.70): E

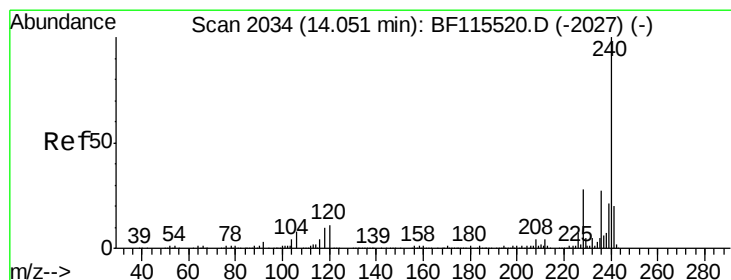
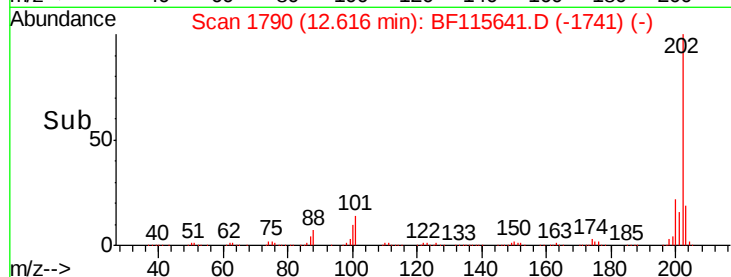
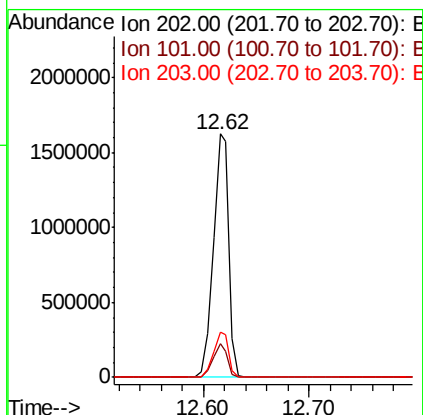
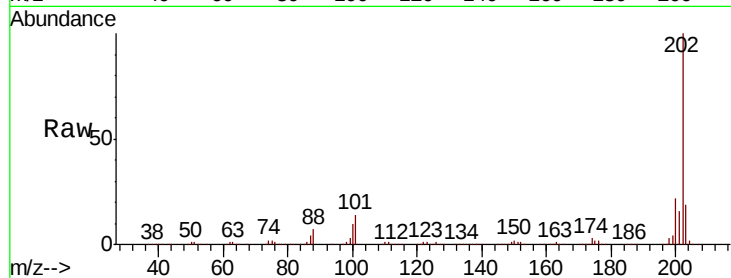




#75  
Fluoranthene  
Concen: 41.740 ng  
RT: 12.62 min Scan# 1790  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

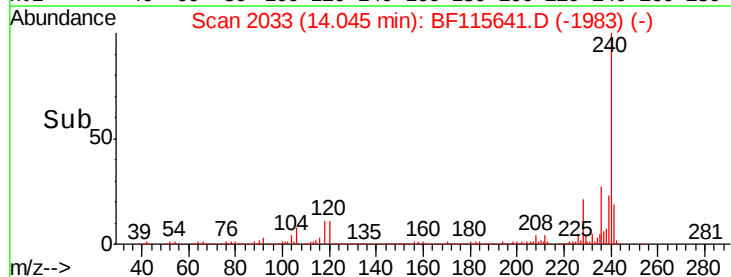
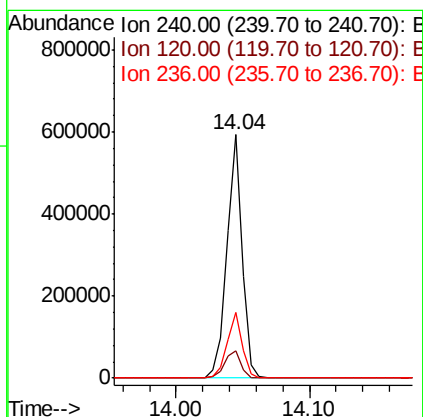
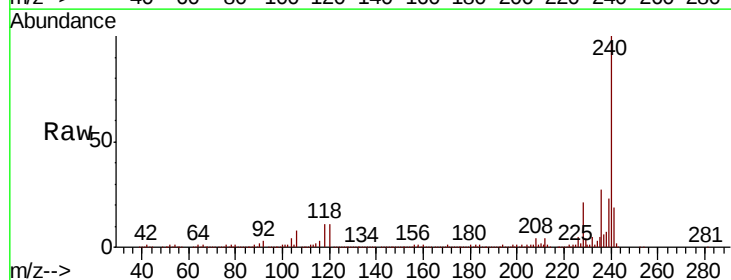
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:202 Resp: 1673720  
Ion Ratio Lower Upper  
202 100  
101 13.7 0.0 31.4  
203 18.6 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.04 min Scan# 2033  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Tgt Ion:240 Resp: 481648  
Ion Ratio Lower Upper  
240 100  
120 11.2 8.6 13.0  
236 27.1 21.3 31.9





#77

Benzidine

Concen: 48.090 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

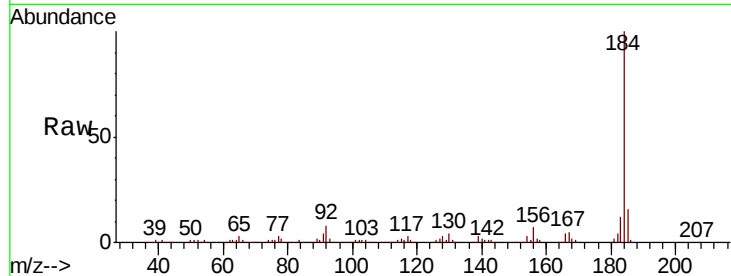
Tot Ion:184 Resp: 820539

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.6  | 12.0  | 18.0  |
| 183 | 11.9  | 9.3   | 13.9  |

184 100

185 15.6 12.0 18.0

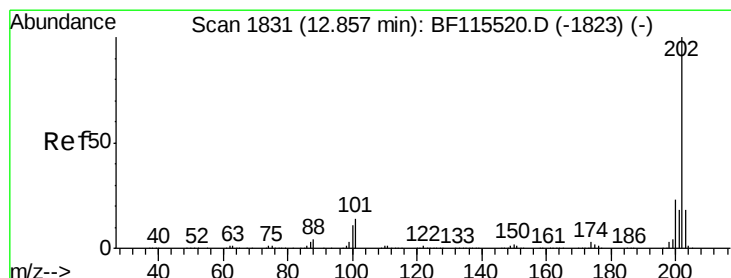
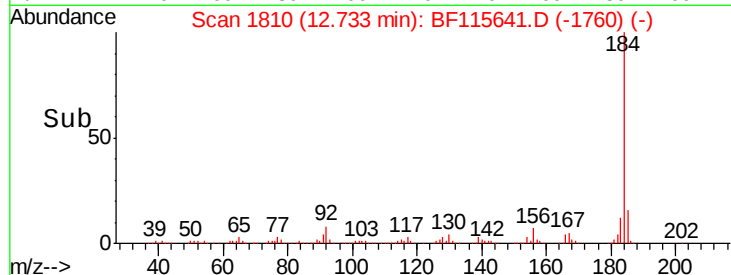
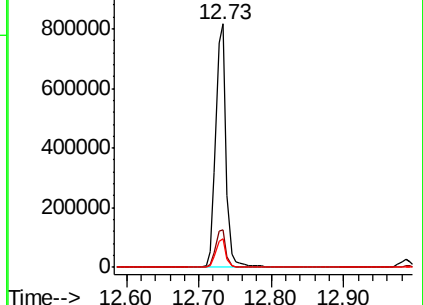
183 11.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.601 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

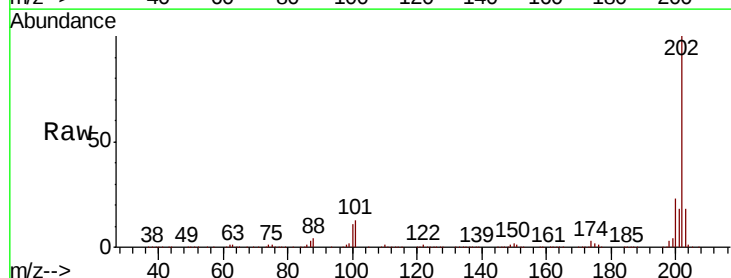
Tgt Ion:202 Resp: 1697609

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.7  | 18.7  | 28.1  |
| 203 | 18.0  | 15.2  | 22.8  |

202 100

200 22.7 18.7 28.1

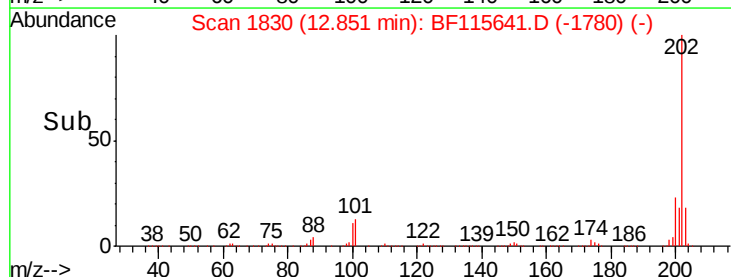
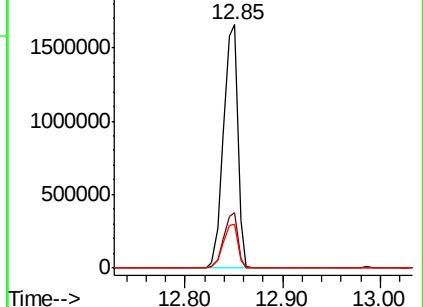
203 18.0 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.422 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

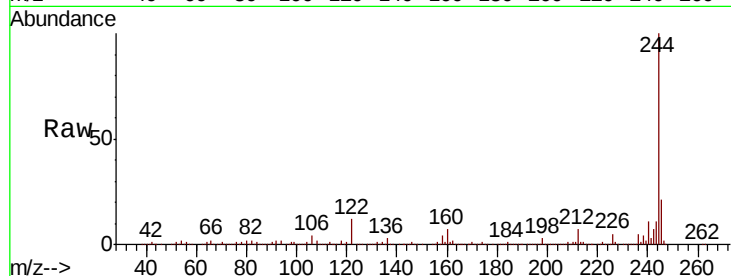
Tot Ion:244 Resp: 2099267

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

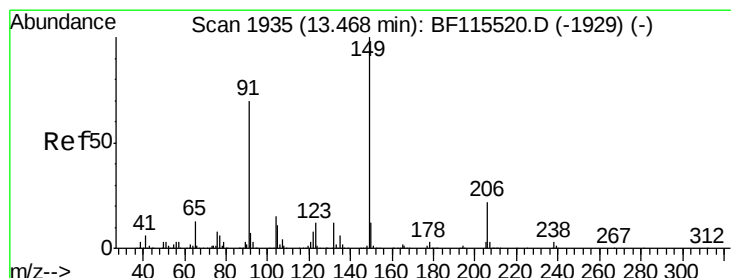
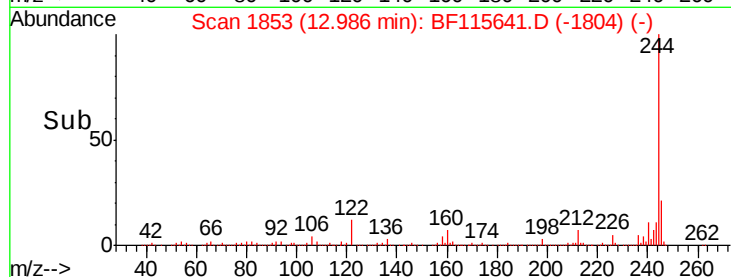
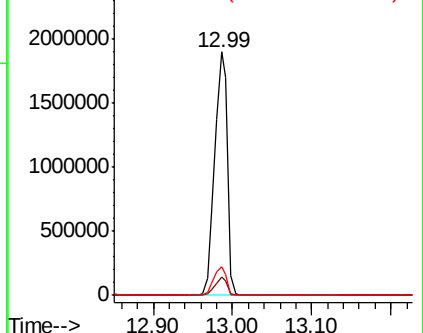
122 11.8 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.793 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

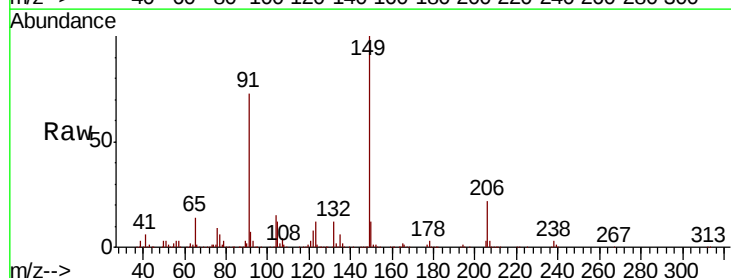
Tgt Ion:149 Resp: 761812

Ion Ratio Lower Upper

149 100

91 72.5 55.8 83.8

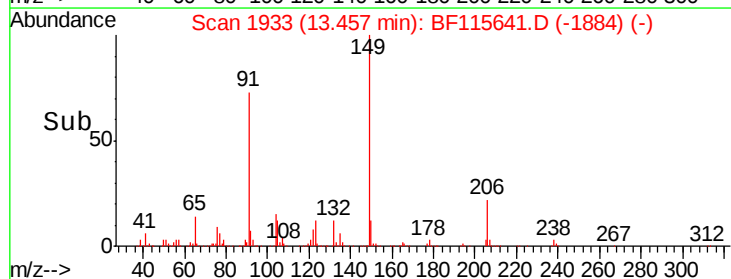
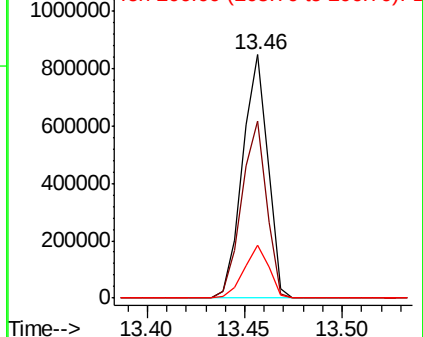
206 21.8 18.2 27.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.645 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

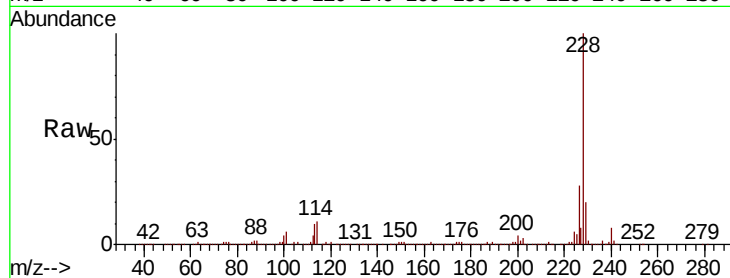
BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1353184

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.3  | 23.4  | 35.0  |
| 229 | 20.4  | 17.2  | 25.8  |

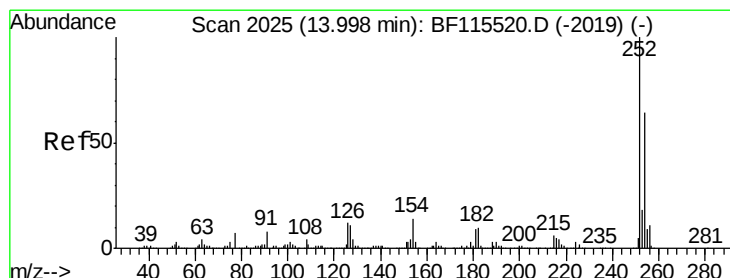
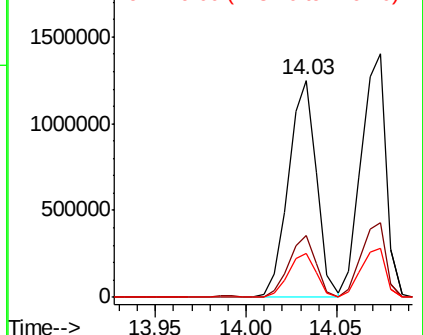
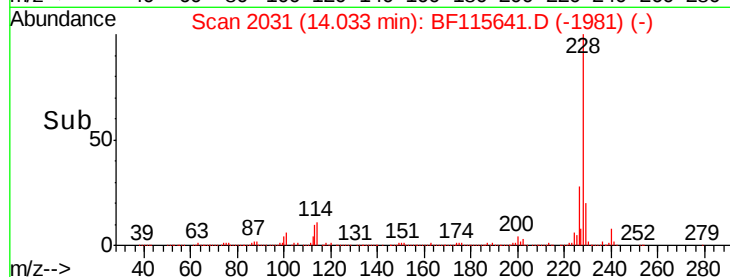


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.899 ng

RT: 13.99 min Scan# 2024

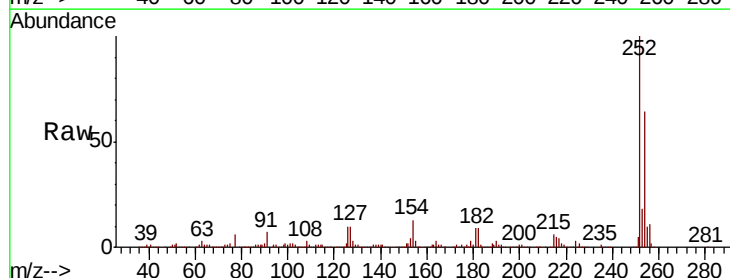
Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Tgt Ion:252 Resp: 483909

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.4  | 52.9  | 79.3  |
| 126 | 10.2  | 9.9   | 14.9  |

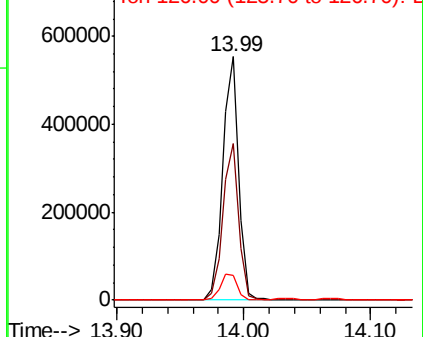
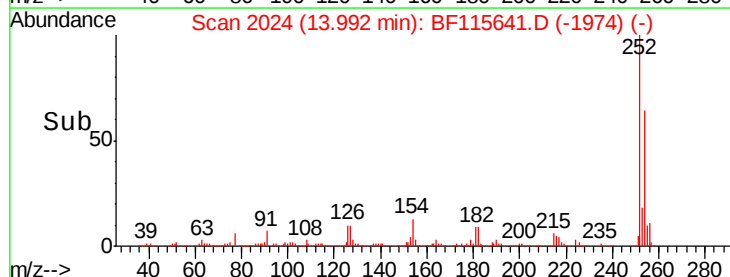


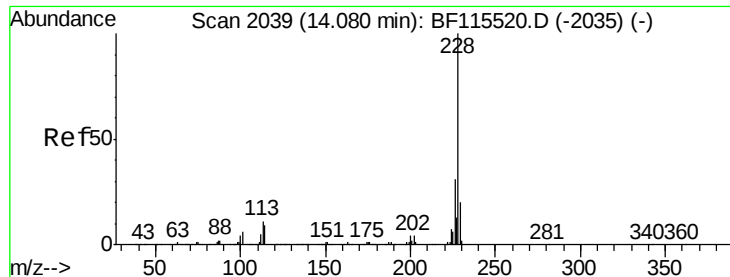
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.210 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

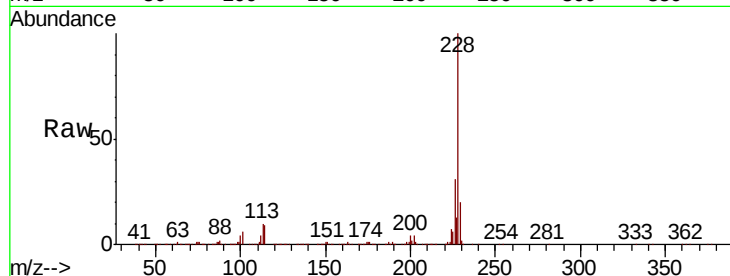
Tot Ion:228 Resp: 1344548

Ion Ratio Lower Upper

228 100

226 30.9 25.7 38.5

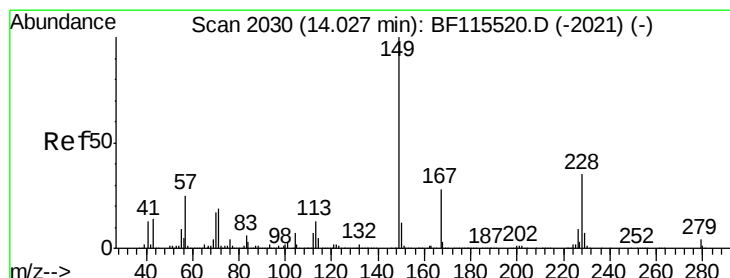
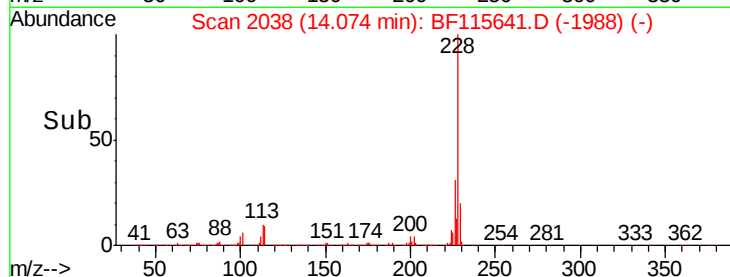
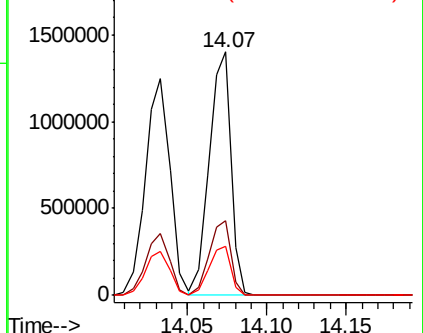
229 19.9 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.516 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

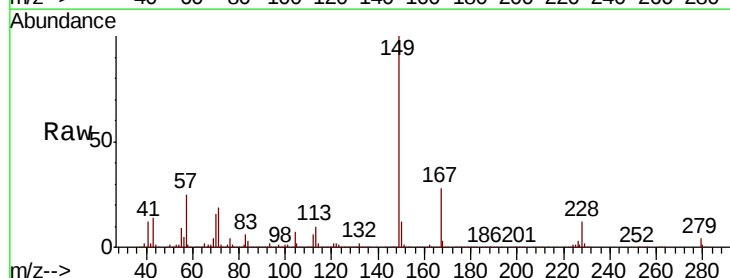
Tgt Ion:149 Resp: 959225

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

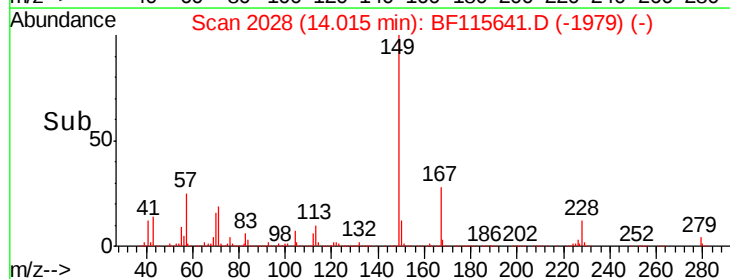
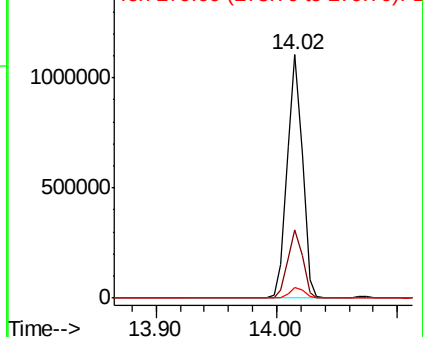
279 4.2 4.2 6.2

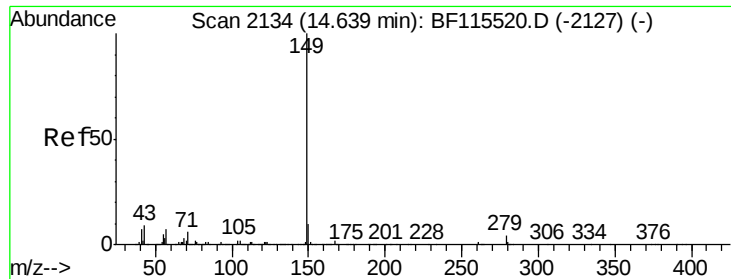


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.258 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

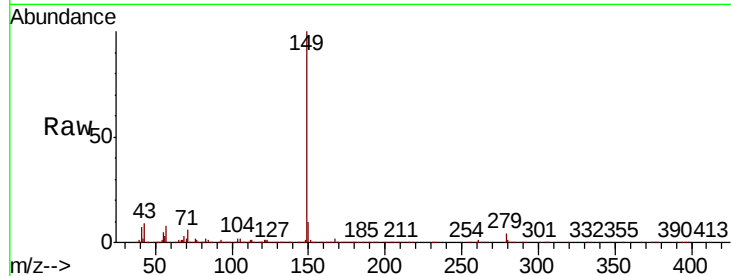
Tot Ion:149 Resp: 1551637

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

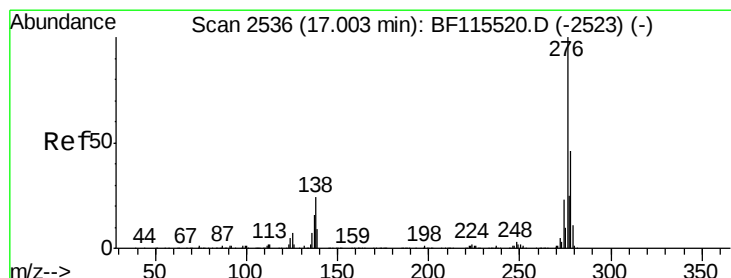
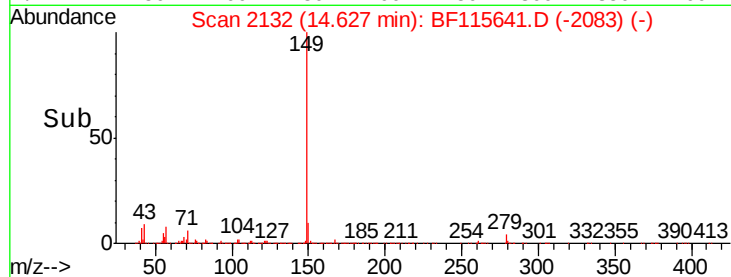
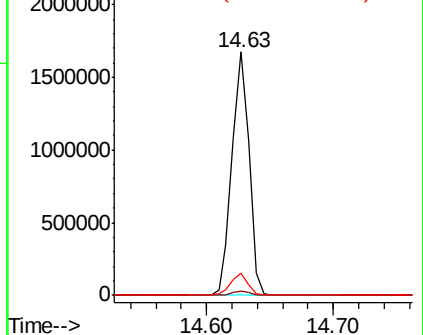
43 8.8 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.846 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

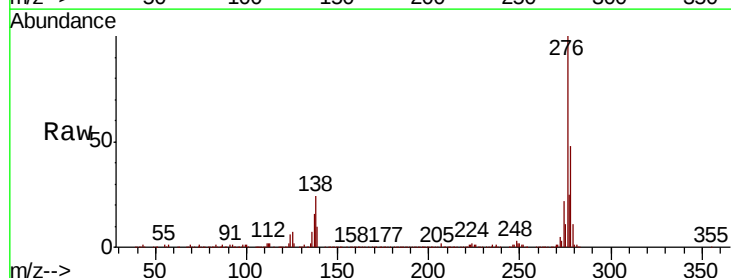
Tgt Ion:276 Resp: 1213639

Ion Ratio Lower Upper

276 100

138 25.7 20.2 30.2

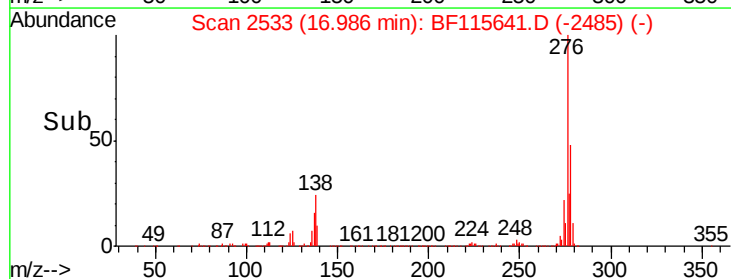
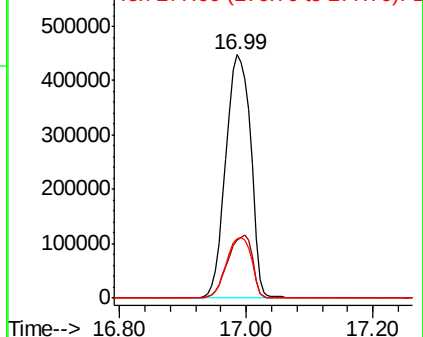
277 25.3 20.4 30.6

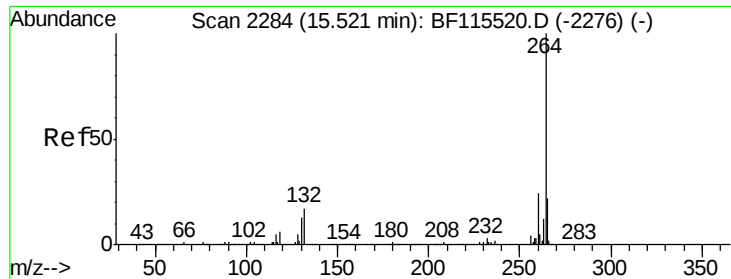


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

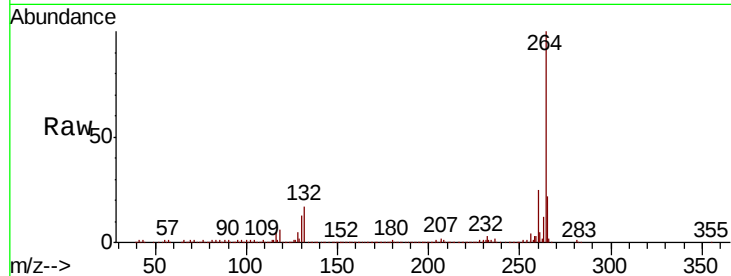
Tot Ion:264 Resp: 485017

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

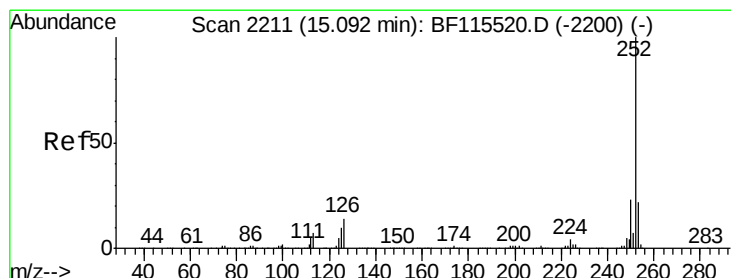
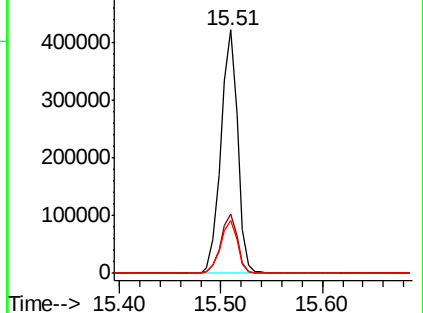
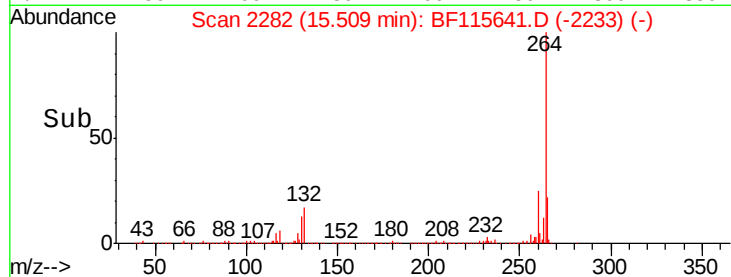
265 21.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.704 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF115641.D

Acq: 18 Jul 2019 8:29

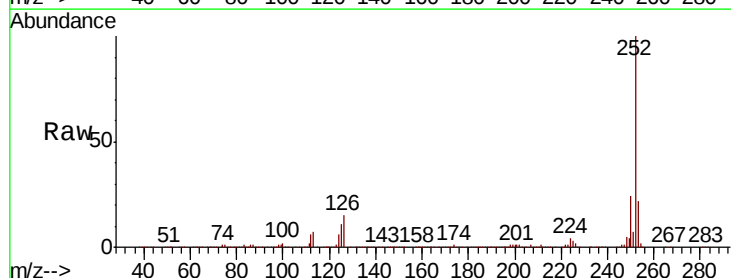
Tgt Ion:252 Resp: 1333696

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

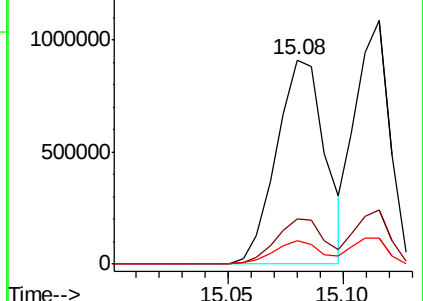
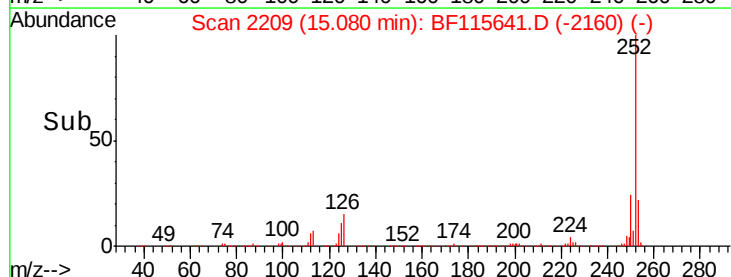
125 11.3 9.0 13.4

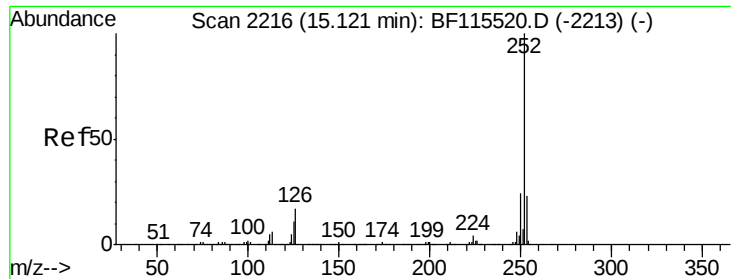


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

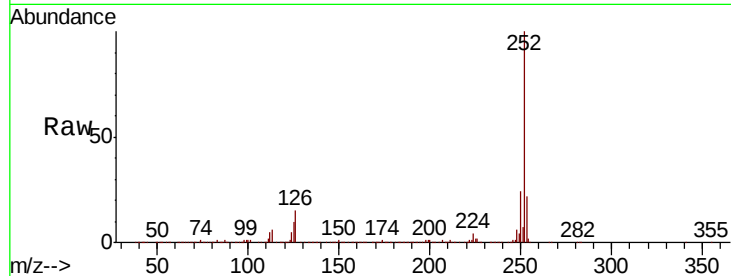




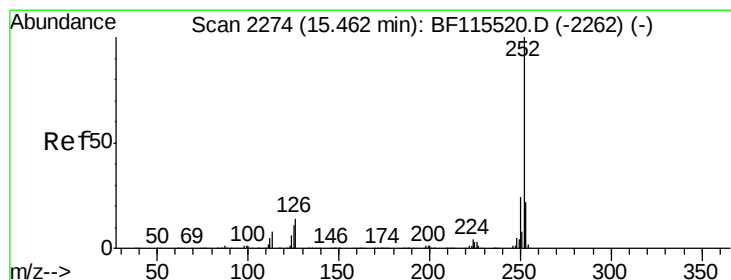
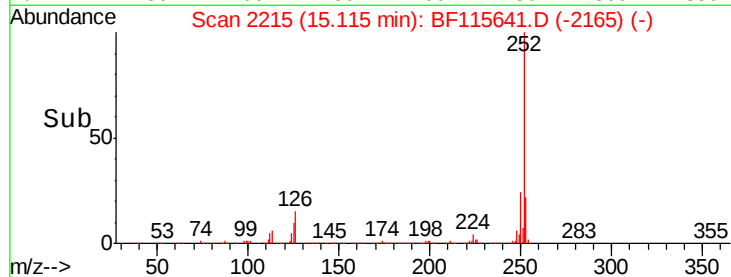
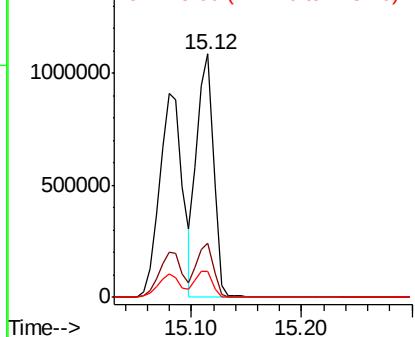
#89  
Benzo(k)fluoranthene  
Concen: 40.367 ng  
RT: 15.12 min Scan# 2215  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:252 Resp: 1123994  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.6 28.0  
125 10.5 9.0 13.6

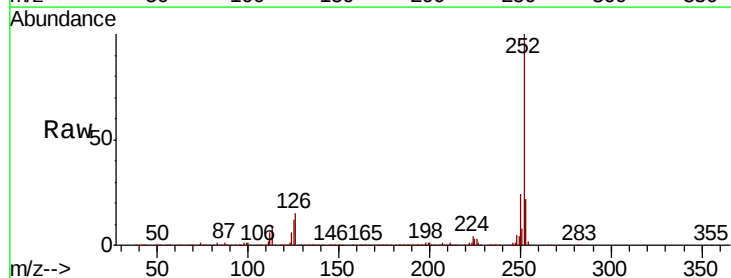


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

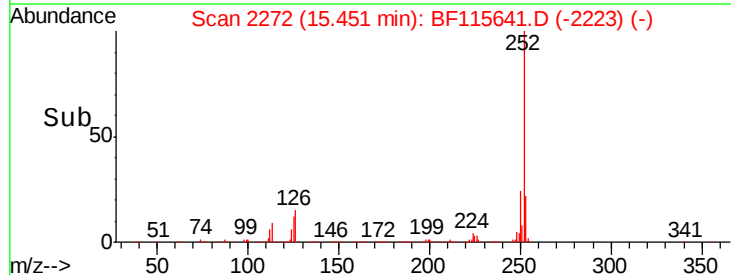
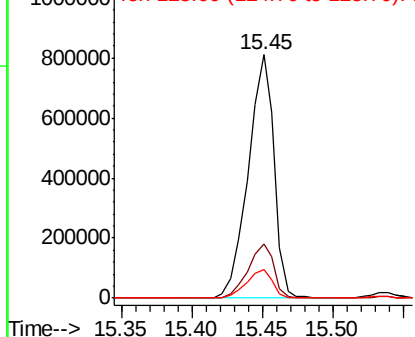


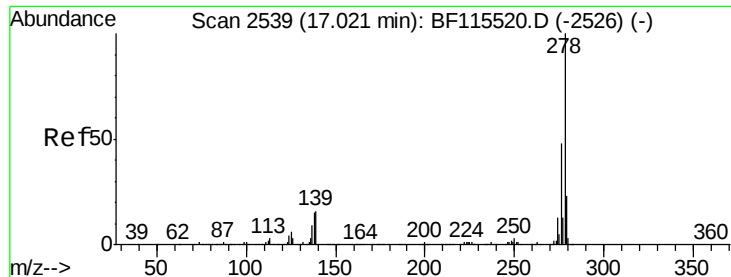
#90  
Benzo(a)pyrene  
Concen: 38.916 ng  
RT: 15.45 min Scan# 2272  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Tgt Ion:252 Resp: 1044610  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.8 26.6  
125 11.7 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

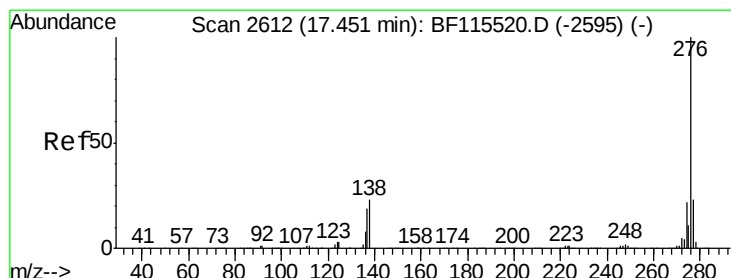
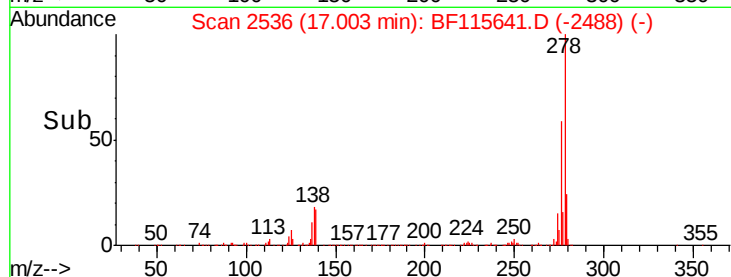
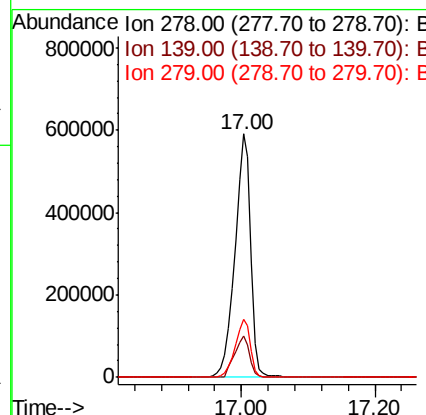
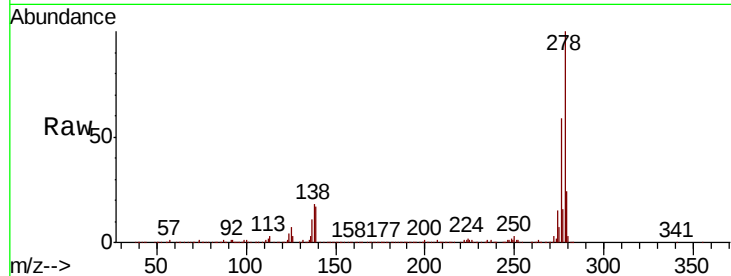




#91  
Dibenzo(a,h)anthracene  
Concen: 41.790 ng  
RT: 17.00 min Scan# 2536  
Delta R.T. -0.02 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.9  | 13.1  | 19.7  |
| 279     | 24.0  | 19.6  | 29.4  |



#92  
Benzo(g,h,i)perylene  
Concen: 40.824 ng  
RT: 17.44 min Scan# 2610  
Delta R.T. -0.01 min  
Lab File: BF115641.D  
Acq: 18 Jul 2019 8:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 19.0  | 28.4  |
| 138     | 22.0  | 17.2  | 25.8  |

