

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\  
 Data File : BF113877.D  
 Acq On : 22 Apr 2019 13:40  
 Operator : JU/SJ  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Apr 22 15:04:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 22 14:58:56 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 178338   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 705947   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.93  | 164  | 371257   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.42 | 188  | 723422   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.07 | 240  | 543873   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.57 | 264  | 446689   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.52  | 112 | 847997  | 79.07 | ng | 0.00 |
| 7) Phenol-d6                | 6.52  | 99  | 1062377 | 79.43 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.46  | 82  | 937614  | 80.88 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.72 | 330 | 372042  | 90.70 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.26  | 172 | 1874345 | 76.99 | ng | 0.00 |
| 79) Terphenyl-d14           | 13.00 | 244 | 2184370 | 84.22 | ng | 0.00 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.69 | 88  | 196912  | 36.897 | ng | 97   |
| 3) Pyridine                    | 3.46 | 79  | 538625  | 36.681 | ng | 99   |
| 4) n-Nitrosodimethylamine      | 3.40 | 42  | 182970  | 35.702 | ng | 98   |
| 6) Aniline                     | 6.56 | 93  | 723369  | 38.112 | ng | 98   |
| 8) 2-Chlorophenol              | 6.69 | 128 | 484043  | 40.212 | ng | 97   |
| 9) Benzaldehyde                | 6.45 | 77  | 302485  | 38.041 | ng | 94   |
| 10) Phenol                     | 6.54 | 94  | 636737  | 42.467 | ng | 97   |
| 11) bis(2-Chloroethyl)ether    | 6.63 | 93  | 474255  | 38.963 | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 6.84 | 146 | 547067  | 40.906 | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 550975  | 41.179 | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 511300  | 41.467 | ng | 99   |
| 15) Benzyl Alcohol             | 7.03 | 79  | 359996  | 33.224 | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45  | 556926  | 37.723 | ng | 94   |
| 17) 2-Methylphenol             | 7.15 | 107 | 423068  | 43.028 | ng | 98   |
| 18) Hexachloroethane           | 7.42 | 117 | 191746  | 39.961 | ng | 99   |
| 19) n-Nitroso-di-n-propylamine | 7.31 | 70  | 338936  | 37.964 | ng | 98   |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 489508  | 41.436 | ng | # 88 |
| 22) Acetophenone               | 7.30 | 105 | 631881  | 39.286 | ng | 97   |
| 24) Nitrobenzene               | 7.47 | 77  | 517999  | 39.758 | ng | 98   |
| 25) Isophorone                 | 7.72 | 82  | 926149  | 38.586 | ng | 99   |
| 26) 2-Nitrophenol              | 7.79 | 139 | 235121  | 45.426 | ng | 96   |
| 27) 2,4-Dimethylphenol         | 7.83 | 122 | 383604  | 38.817 | ng | 100  |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93  | 600064  | 39.342 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 8.03 | 162 | 435774  | 41.385 | ng | 99   |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 483993  | 41.380 | ng | 98   |
| 31) Naphthalene                | 8.20 | 128 | 1369304 | 41.008 | ng | 100  |
| 32) Benzoic acid               | 7.95 | 122 | 268563  | 43.870 | ng | 98   |
| 33) 4-Chloroaniline            | 8.25 | 127 | 566336  | 39.979 | ng | 97   |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 302800  | 42.373 | ng | 98   |
| 35) Caprolactam                | 8.62 | 113 | 134230  | 39.490 | ng | 91   |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107 | 428375  | 41.028 | ng | 98   |
| 37) 2-Methylnaphthalene        | 8.89 | 142 | 918838  | 41.474 | ng | 98   |
| 38) 1-Methylnaphthalene        | 8.99 | 142 | 879816  | 40.926 | ng | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 489744  | 41.568 | ng | 100  |

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 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

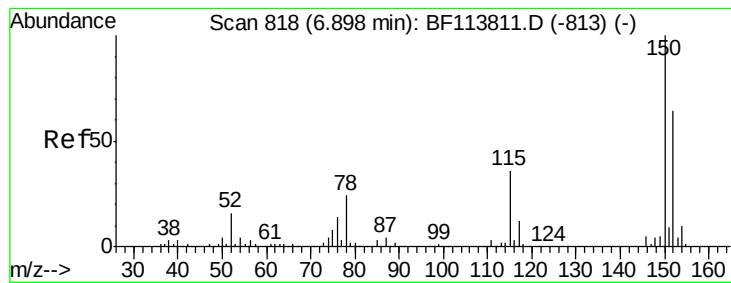
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Apr 22 15:04:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M  
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 QLast Update : Mon Apr 22 14:58:56 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.05  | 237  | 276340   | 42.667 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.17  | 196  | 309016   | 40.747 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.21  | 196  | 346506   | 42.338 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 9.36  | 154  | 1145998  | 40.792 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.38  | 162  | 930485   | 40.460 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.47  | 65   | 249228   | 41.647 | ng    | 95       |
| 49) Acenaphthylene             | 9.80  | 152  | 1462738  | 40.666 | ng    | 100      |
| 50) Dimethylphthalate          | 9.66  | 163  | 1067446  | 41.085 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.71  | 165  | 238320   | 41.563 | ng    | 90       |
| 52) Acenaphthene               | 9.97  | 154  | 861841   | 40.848 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.88  | 138  | 246410   | 40.584 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 9.99  | 184  | 79890    | 45.797 | ng    | # 1      |
| 55) Dibenzofuran               | 10.14 | 168  | 1303286  | 41.235 | ng    | 98       |
| 56) 4-Nitrophenol              | 10.03 | 139  | 196158   | 39.700 | ng    | 100      |
| 57) 2,4-Dinitrotoluene         | 10.12 | 165  | 295269   | 41.507 | ng    | 100      |
| 58) Fluorene                   | 10.49 | 166  | 974988   | 41.353 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 306102   | 43.830 | ng    | 98       |
| 60) Diethylphthalate           | 10.35 | 149  | 1029741  | 41.354 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204  | 519888   | 43.060 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.49 | 138  | 237494   | 40.664 | ng    | 96       |
| 63) Azobenzene                 | 10.63 | 77   | 1004402  | 39.254 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 119255   | 43.509 | ng    | 90       |
| 66) n-Nitrosodiphenylamine     | 10.59 | 169  | 870032   | 39.675 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.96 | 248  | 353438   | 41.604 | ng    | 97       |
| 68) Hexachlorobenzene          | 11.03 | 284  | 392932   | 42.059 | ng    | 99       |
| 69) Atrazine                   | 11.12 | 200  | 282403   | 41.624 | ng    | 99       |
| 70) Pentachlorophenol          | 11.22 | 266  | 222341   | 41.980 | ng    | 97       |
| 71) Phenanthrene               | 11.45 | 178  | 1479663  | 40.160 | ng    | 100      |
| 72) Anthracene                 | 11.50 | 178  | 1496717  | 40.312 | ng    | 100      |
| 73) Carbazole                  | 11.64 | 167  | 1332963  | 39.543 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.98 | 149  | 1583169  | 42.198 | ng    | 99       |
| 75) Fluoranthene               | 12.63 | 202  | 1561206  | 39.982 | ng    | 97       |
| 77) Benzidine                  | 12.74 | 184  | 604151   | 38.373 | ng    | 100      |
| 78) Pyrene                     | 12.86 | 202  | 1559081  | 40.675 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.47 | 149  | 605659   | 42.655 | ng    | 98       |
| 81) Benzo(a)anthracene         | 14.06 | 228  | 1292372  | 40.651 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 14.02 | 252  | 488724   | 43.251 | ng    | # 98     |
| 83) Chrysene                   | 14.10 | 228  | 1264699  | 40.078 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 764068   | 44.981 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.69 | 149  | 1197177  | 45.424 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.06 | 276  | 1108644  | 43.036 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.14 | 252  | 1125735  | 40.426 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.17 | 252  | 1001893  | 39.502 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.51 | 252  | 987691   | 40.113 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.08 | 278  | 912589   | 41.654 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.52 | 276  | 910877   | 40.904 | ng    | 97       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

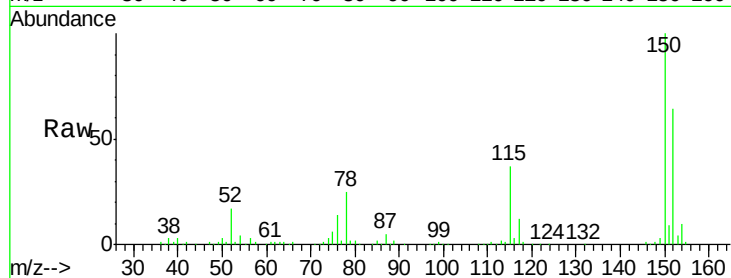
Tot Ion:152 Resp: 178338

Ion Ratio Lower Upper

152 100

150 155.3 125.9 188.9

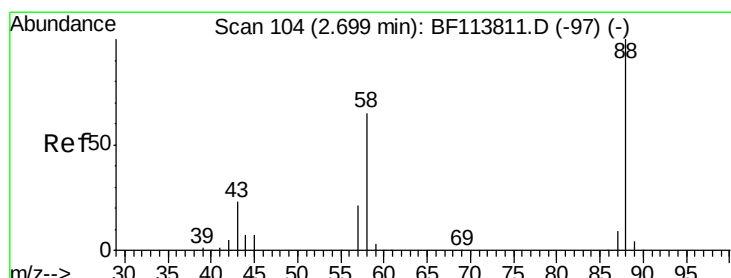
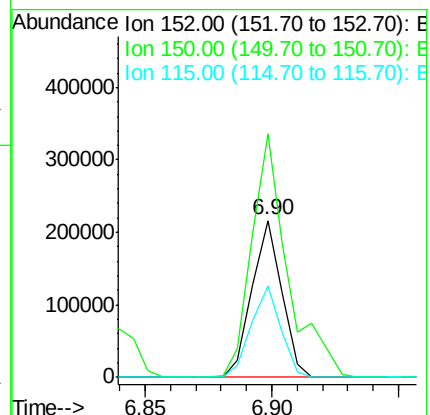
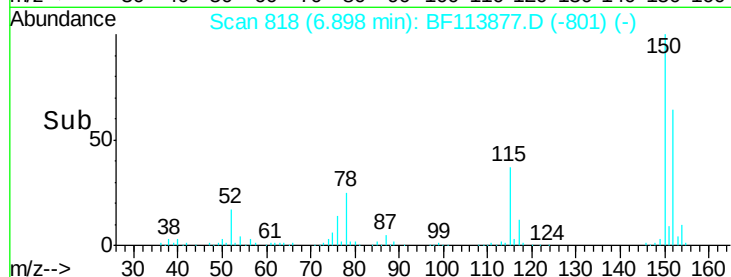
115 58.1 45.9 68.9



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: 36.897 ng

RT: 2.69 min Scan# 103

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

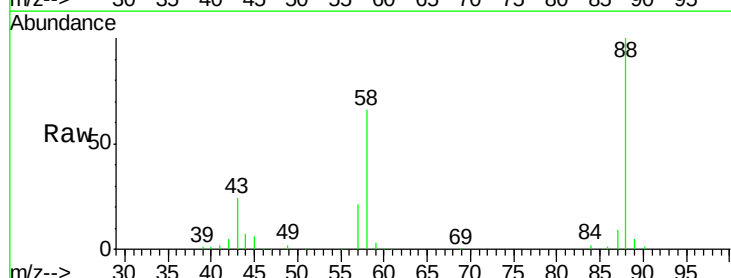
Tgt Ion: 88 Resp: 196912

Ion Ratio Lower Upper

88 100

58 63.8 53.3 79.9

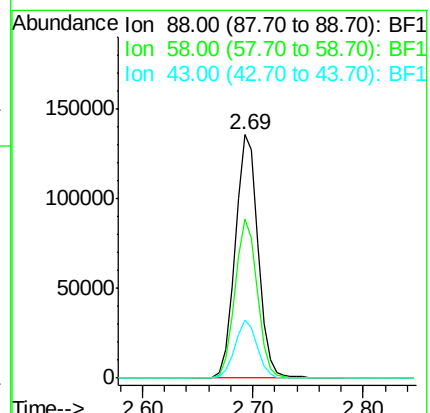
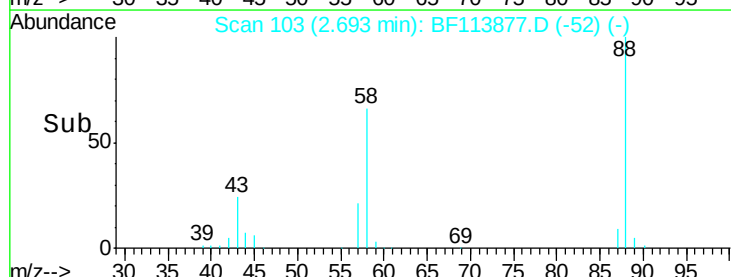
43 23.0 19.0 28.4

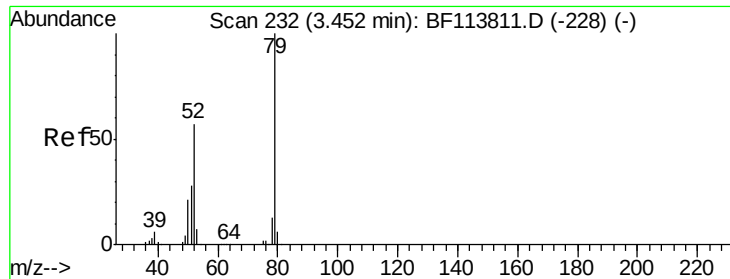


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

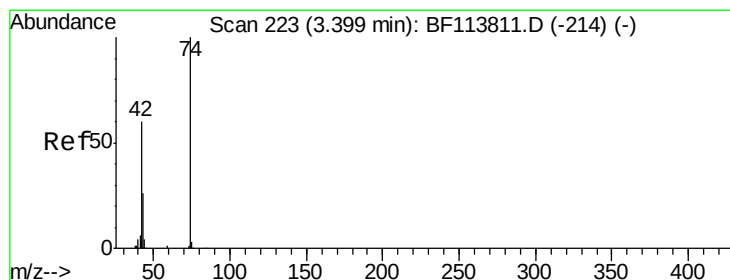
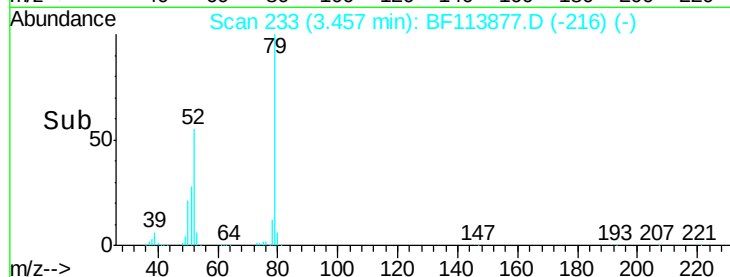
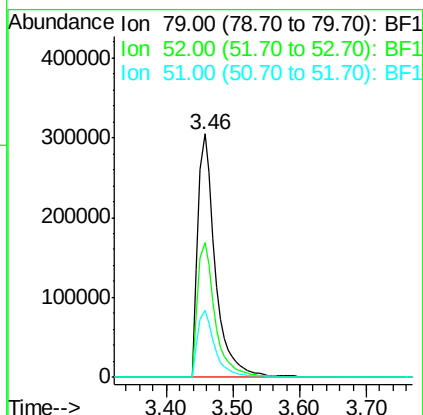
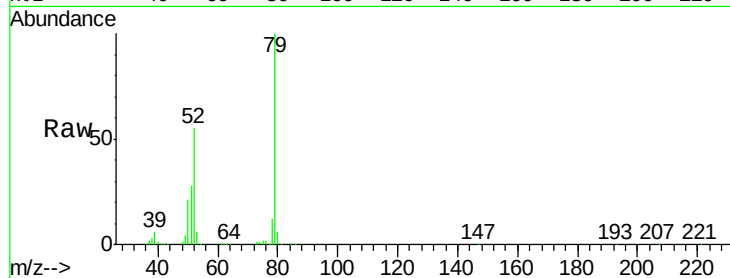




#3  
 Pvridine  
 Concen: 36.681 ng  
 RT: 3.46 min Scan# 233  
 Delta R.T. 0.00 min  
 Lab File: BF113877.D  
 Acq: 22 Apr 2019 13:40

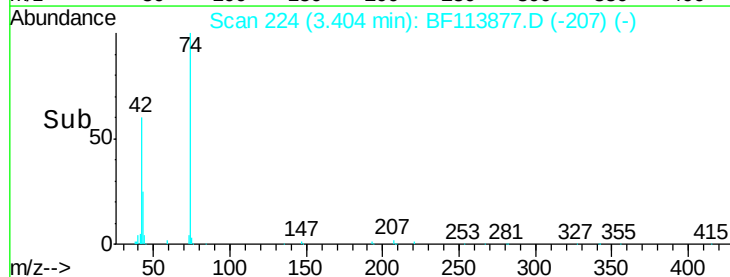
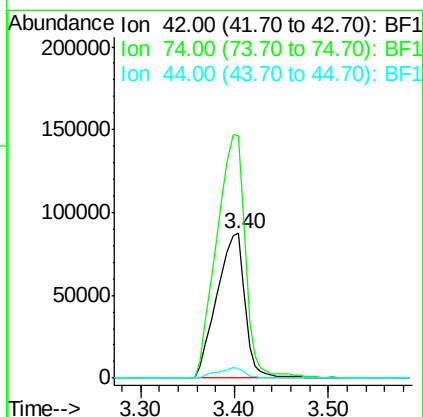
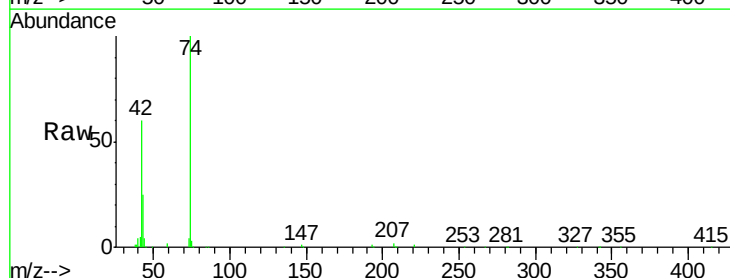
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

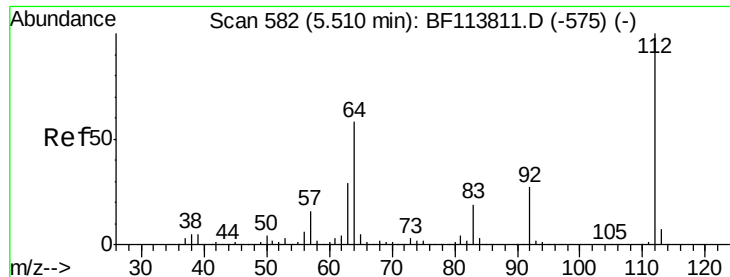
Tot Ion: 79 Resp: 538625  
 Ion Ratio Lower Upper  
 79 100  
 52 55.3 45.3 67.9  
 51 27.6 22.1 33.1



#4  
 n-Nitrosodimethylamine  
 Concen: 35.702 ng  
 RT: 3.40 min Scan# 224  
 Delta R.T. 0.00 min  
 Lab File: BF113877.D  
 Acq: 22 Apr 2019 13:40

Tgt Ion: 42 Resp: 182970  
 Ion Ratio Lower Upper  
 42 100  
 74 168.0 132.6 198.8  
 44 6.6 5.8 8.8





#5

2-Fluorophenol

Concen: 79.065 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

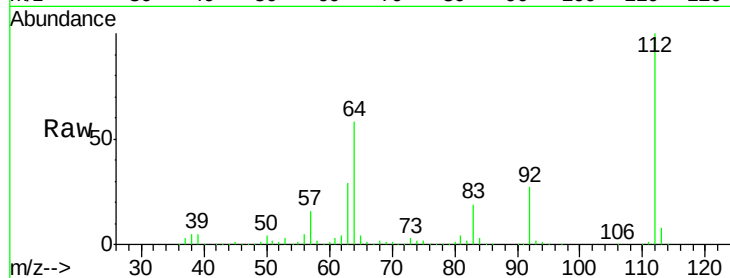
Tot Ion: 112 Resp: 847997

Ion Ratio Lower Upper

112 100

64 58.3 46.6 69.8

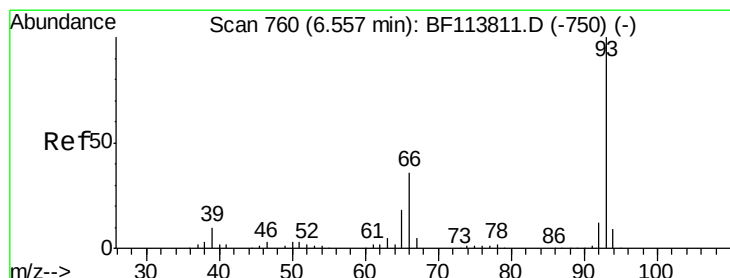
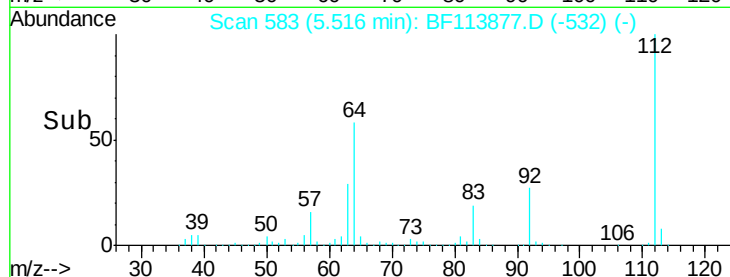
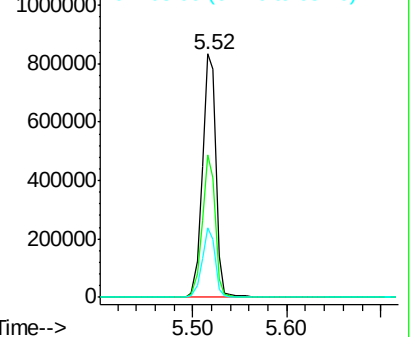
63 28.8 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.112 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

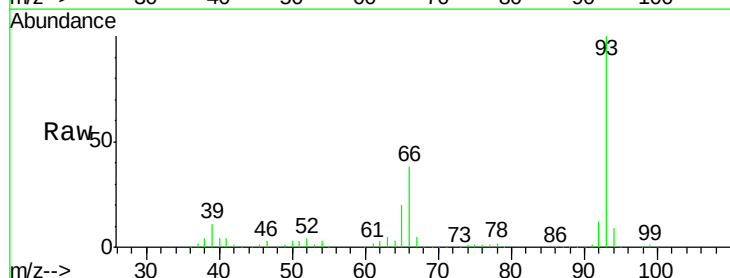
Tgt Ion: 93 Resp: 723369

Ion Ratio Lower Upper

93 100

66 38.0 29.8 44.6

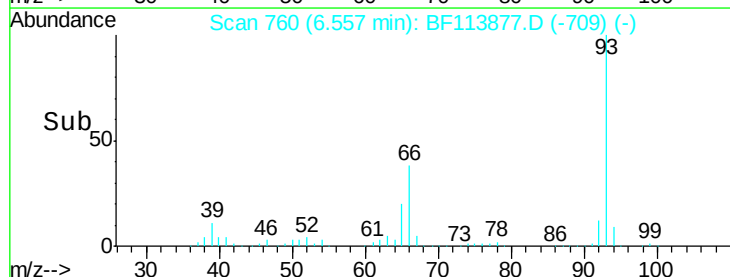
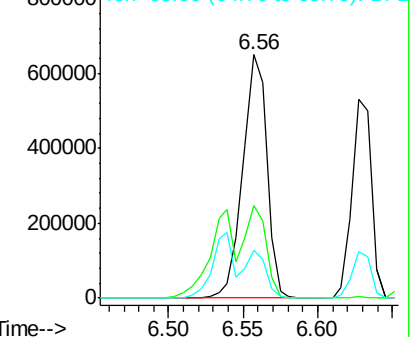
65 19.5 14.9 22.3

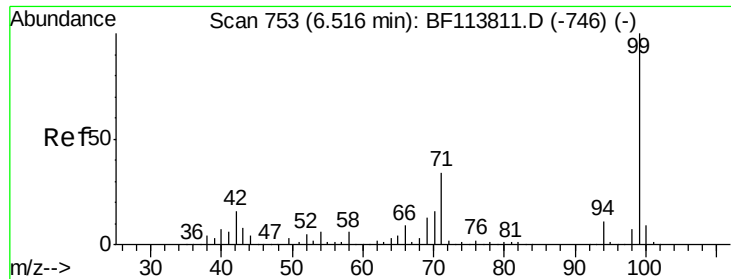


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.428 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

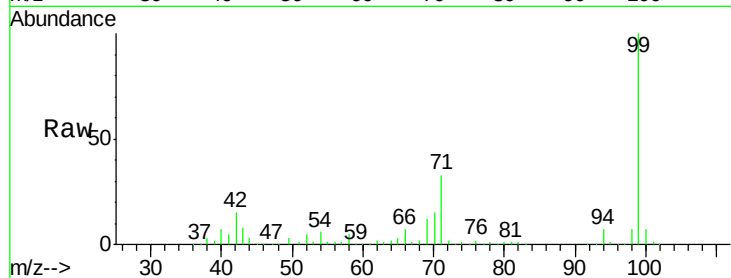
BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1062377

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.0  | 12.5  | 18.7  |
| 71  | 33.1  | 26.9  | 40.3  |

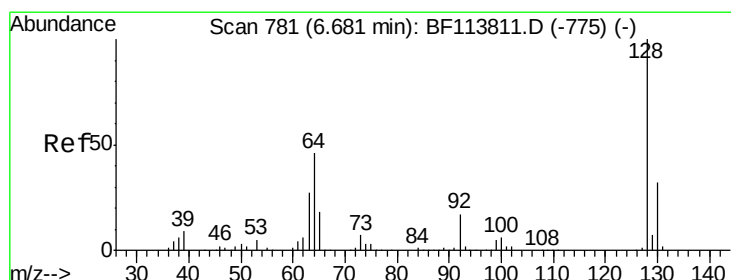
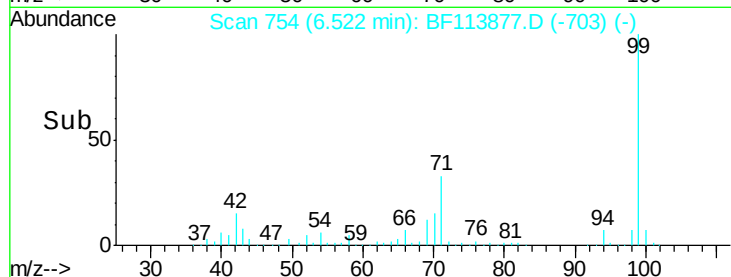


Abundance

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: 40.212 ng

RT: 6.69 min Scan# 782

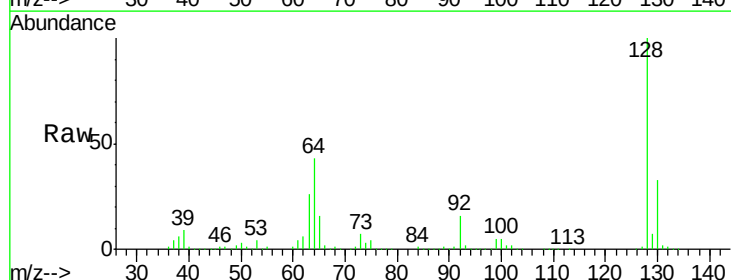
Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Tgt Ion:128 Resp: 484043

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.1  | 12.3  | 52.3  |
| 64  | 43.0  | 26.1  | 66.1  |

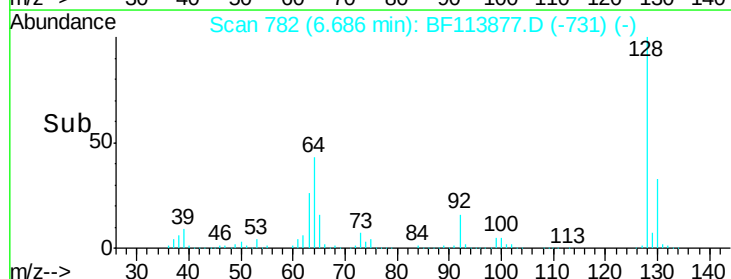


Abundance

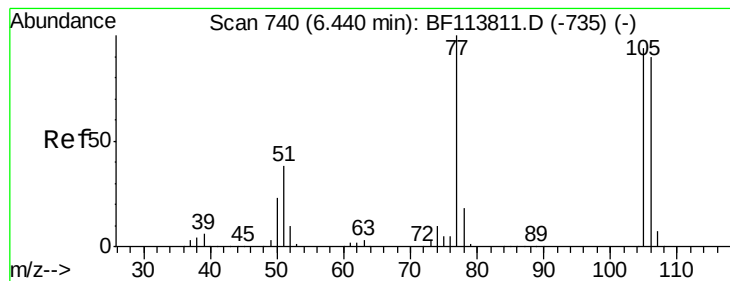
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 38.041 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

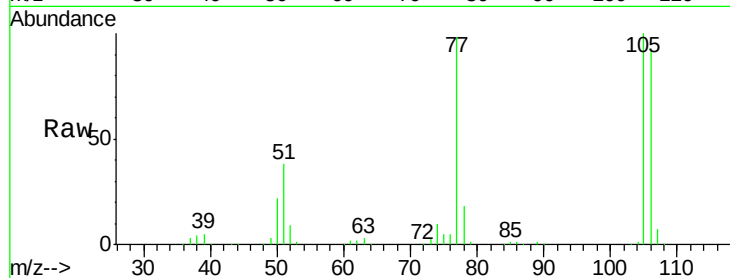
Tot Ion: 77 Resp: 302485

Ion Ratio Lower Upper

77 100

105 102.0 74.1 114.1

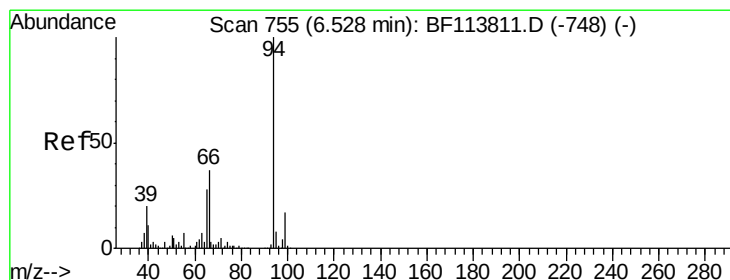
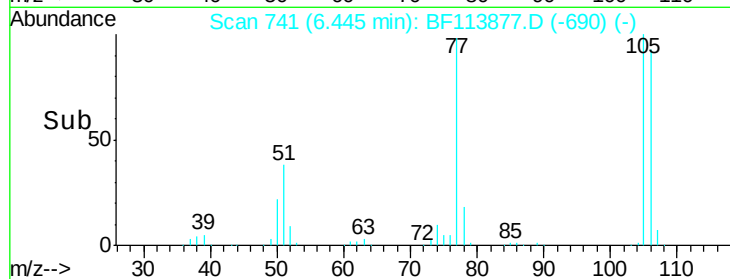
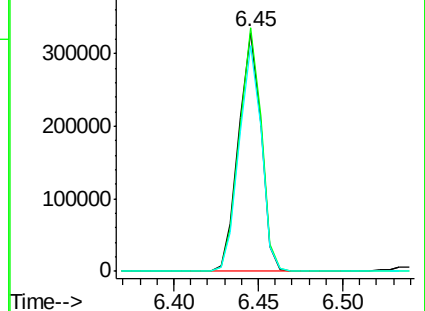
106 94.6 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.467 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

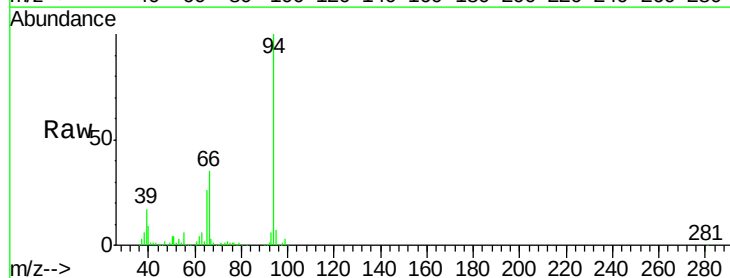
Tgt Ion: 94 Resp: 636737

Ion Ratio Lower Upper

94 100

65 26.0 8.1 48.1

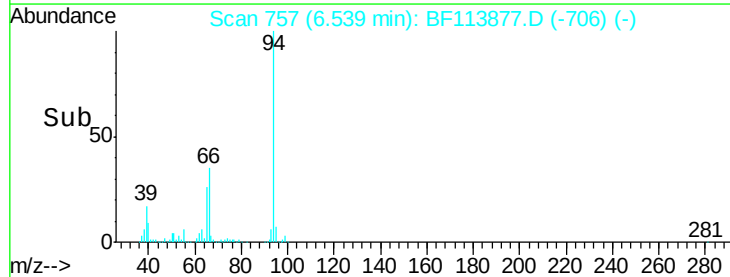
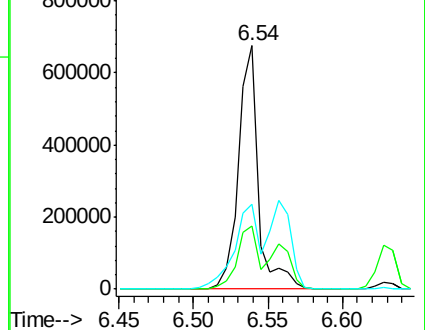
66 34.9 16.6 56.6



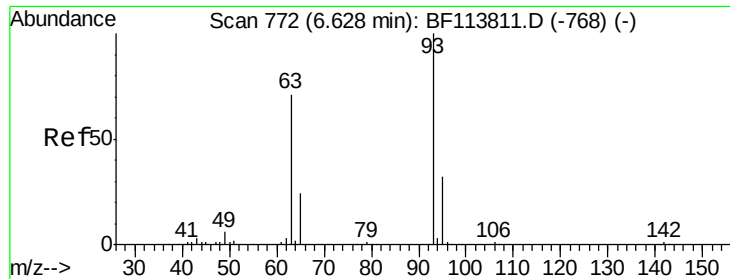
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



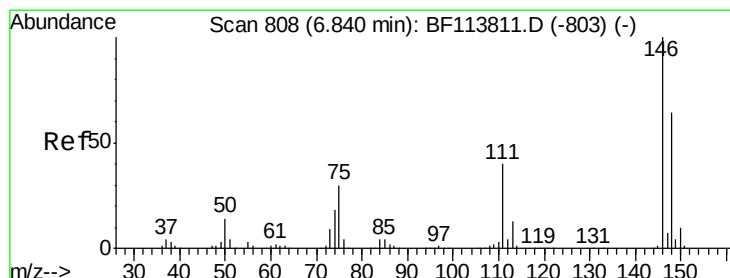
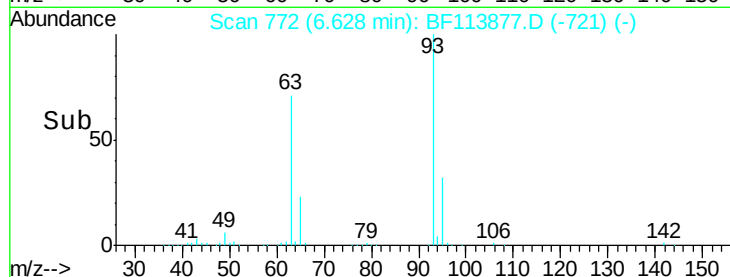
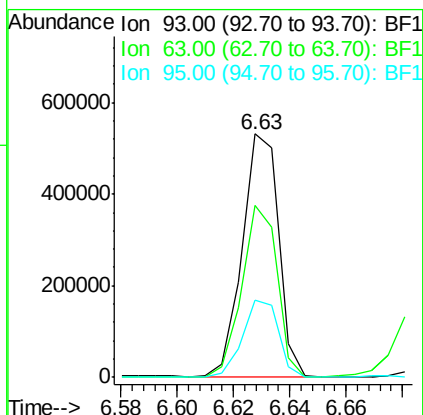
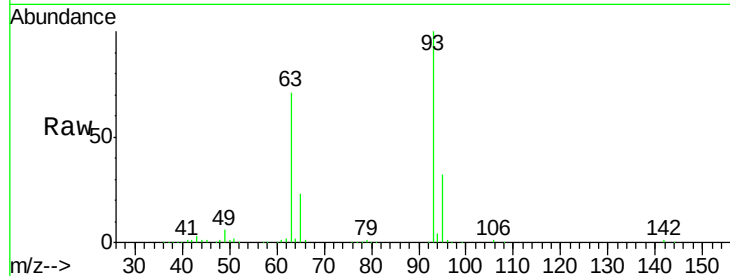




#11  
 bis(2-Chloroethyl)ether  
 Concen: 38.963 ng  
 RT: 6.63 min Scan# 772  
 Delta R.T. 0.00 min  
 Lab File: BF113877.D  
 Acq: 22 Apr 2019 13:40

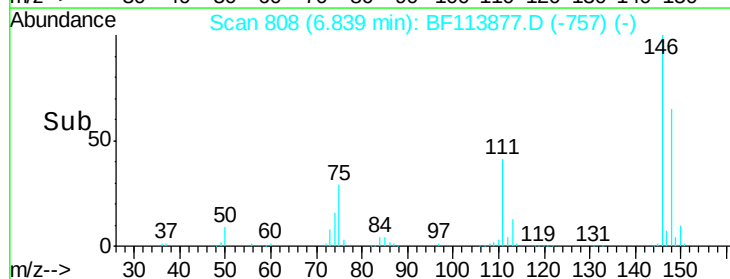
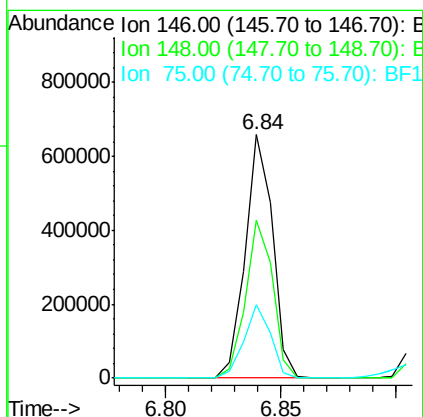
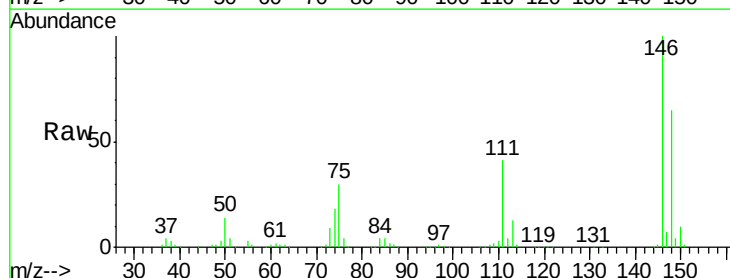
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

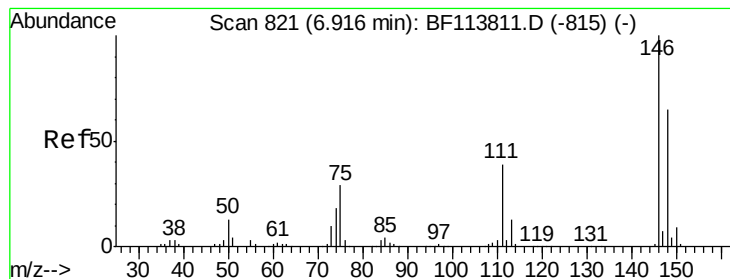
Tot Ion: 93 Resp: 474255  
 Ion Ratio Lower Upper  
 93 100  
 63 70.5 50.7 90.7  
 95 31.5 12.3 52.3



#12  
 1,3-Dichlorobenzene  
 Concen: 40.906 ng  
 RT: 6.84 min Scan# 808  
 Delta R.T. 0.00 min  
 Lab File: BF113877.D  
 Acq: 22 Apr 2019 13:40

Tgt Ion: 146 Resp: 547067  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 51.0 76.6  
 75 30.3 23.8 35.8





#13

1,4-Dichlorobenzene

Concen: 41.179 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

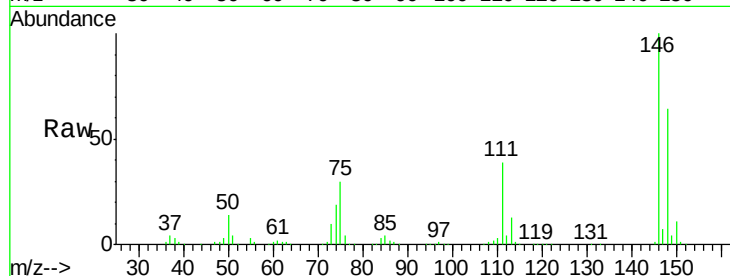
Tot Ion:146 Resp: 550975

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

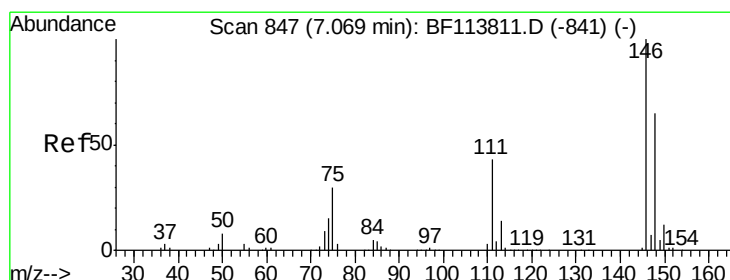
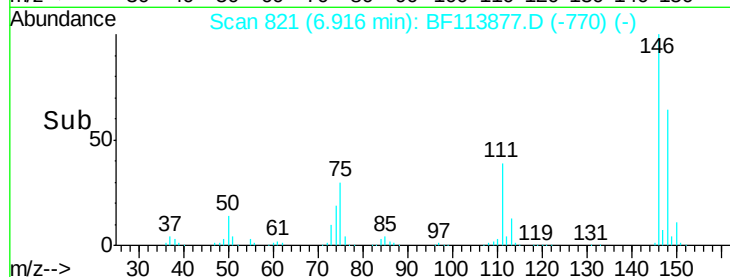
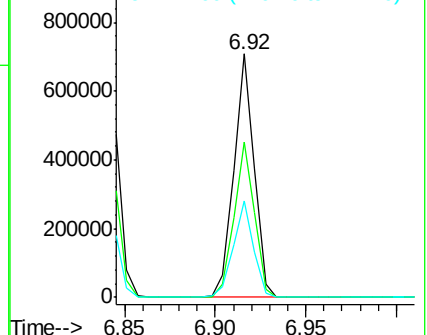
111 39.4 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.467 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

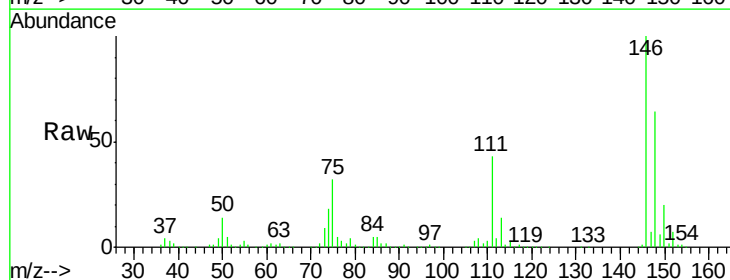
Tgt Ion:146 Resp: 511300

Ion Ratio Lower Upper

146 100

148 63.7 52.1 78.1

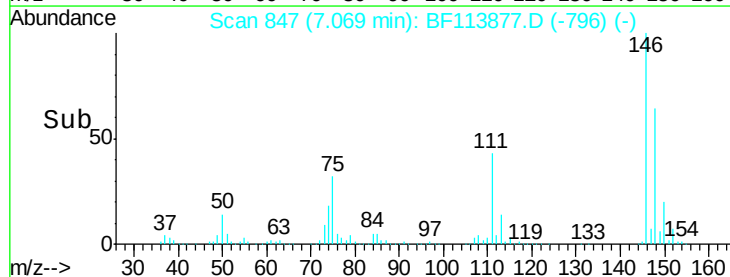
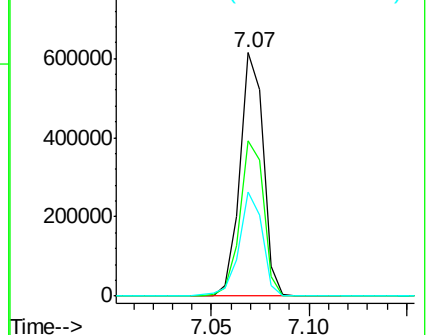
111 42.8 34.2 51.4

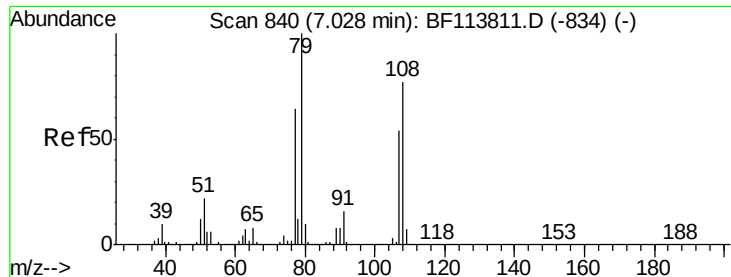


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.224 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

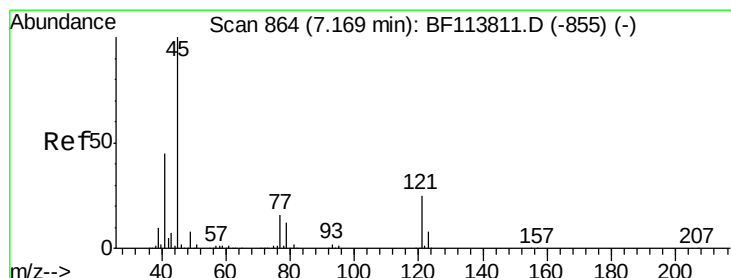
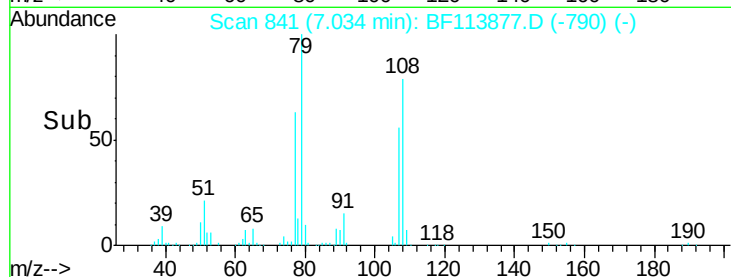
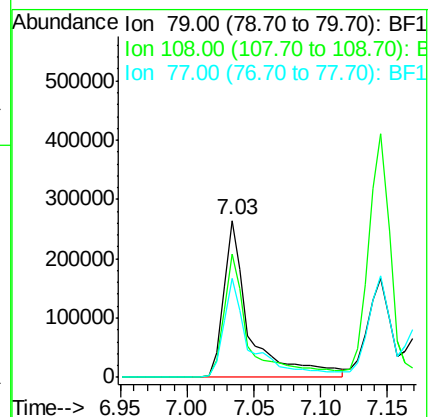
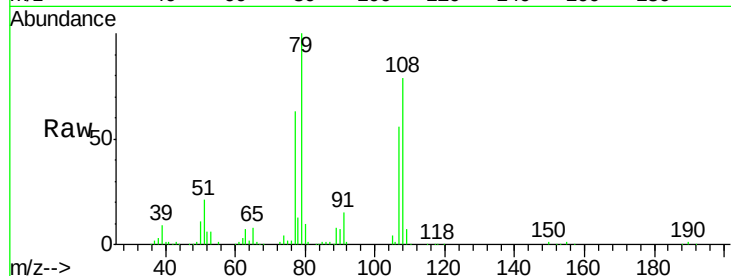
Tot Ion: 79 Resp: 359996

Ion Ratio Lower Upper

79 100

108 78.5 61.4 92.0

77 63.4 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.723 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

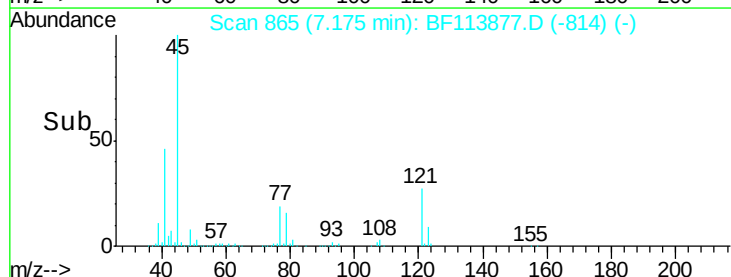
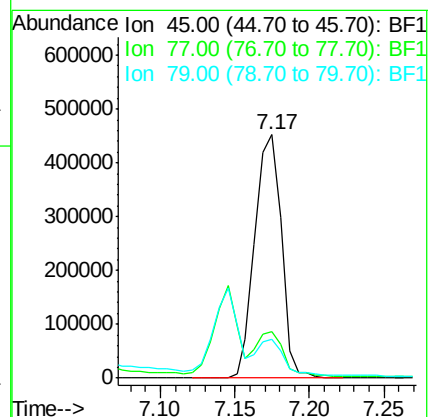
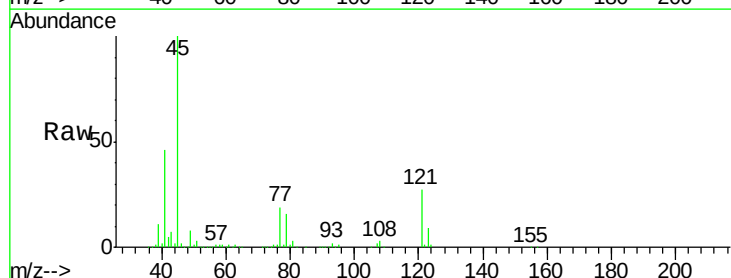
Tgt Ion: 45 Resp: 556926

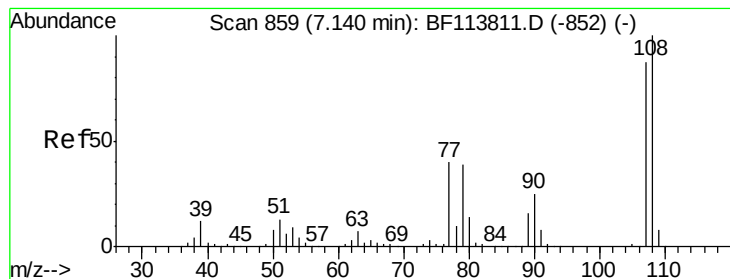
Ion Ratio Lower Upper

45 100

77 19.3 0.0 37.0

79 15.7 0.0 32.7

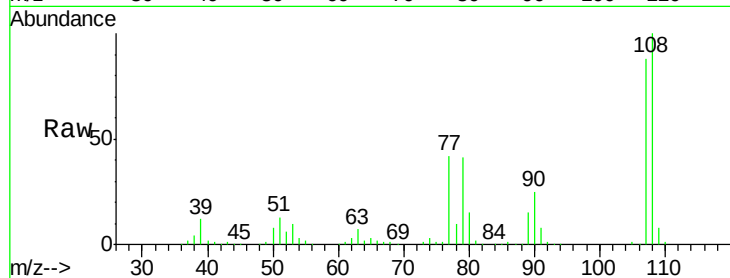




#17  
2-Methylphenol  
Concen: 43.028 ng  
RT: 7.15 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.0 | 91.5  | 137.3 |
| 77      | 47.4  | 36.2  | 54.4  |
| 79      | 45.9  | 35.4  | 53.0  |



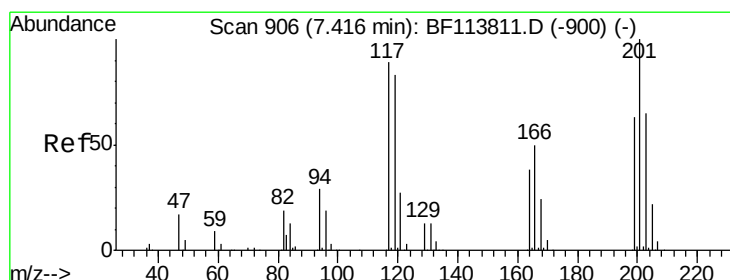
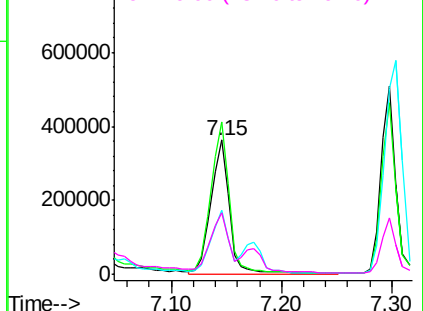
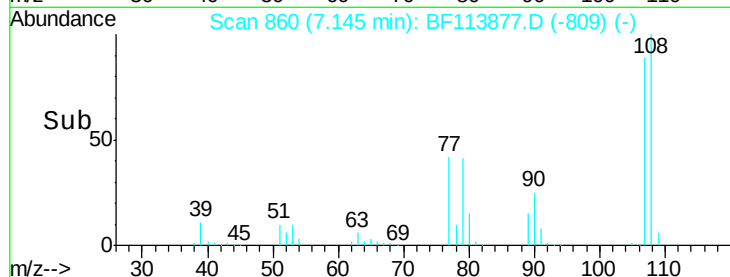
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

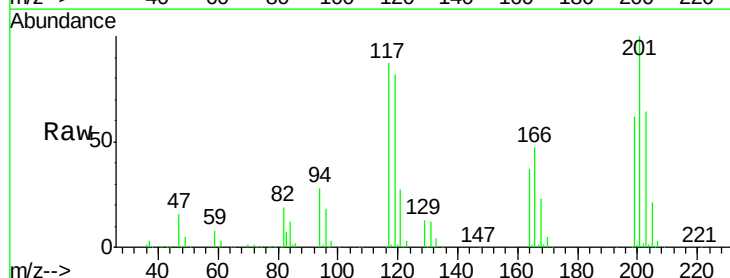
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 39.961 ng  
RT: 7.42 min Scan# 906  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.6  | 74.4  | 111.6 |
| 201     | 114.8 | 90.2  | 135.2 |

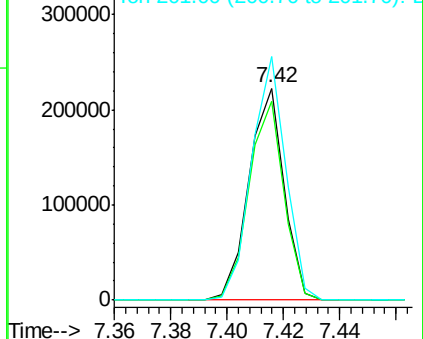
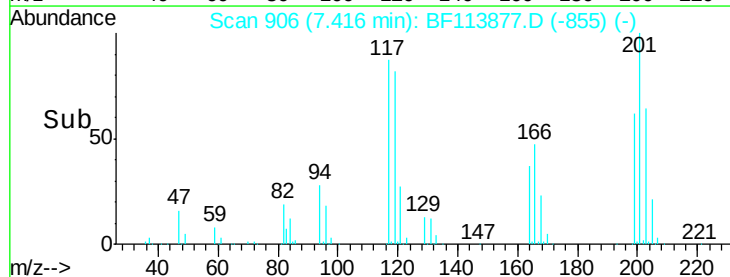


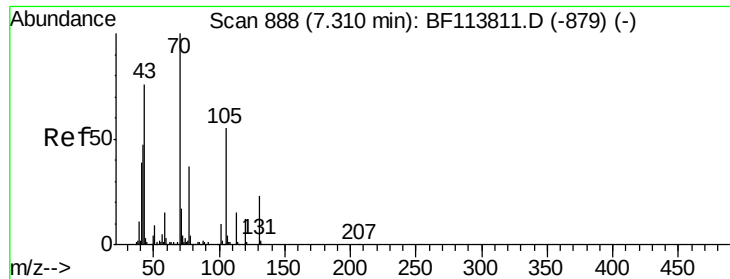
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

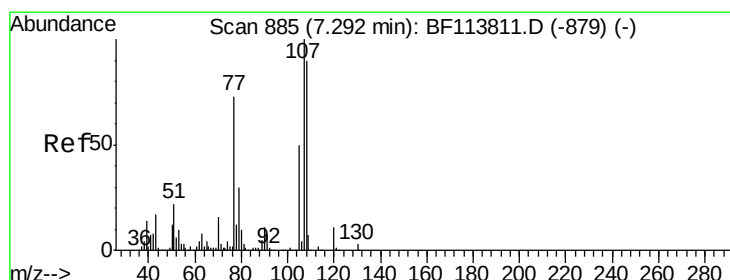
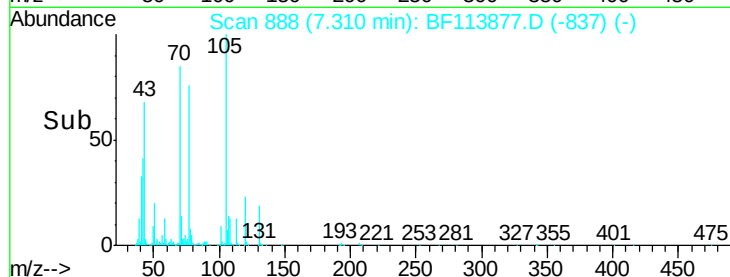
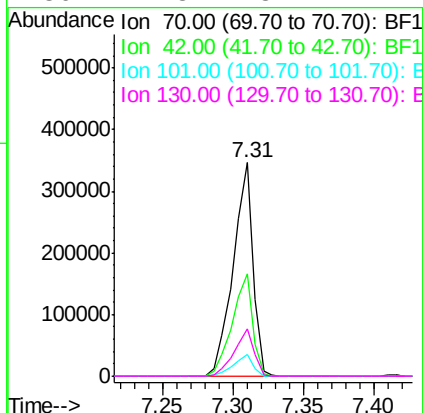
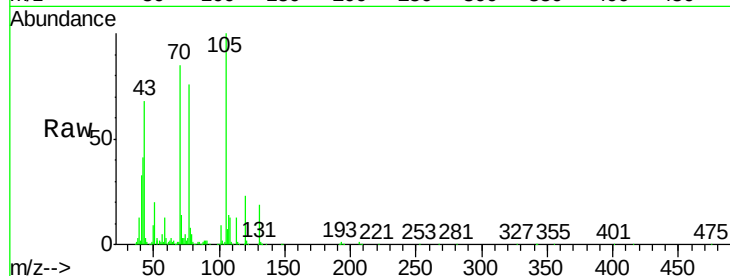




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.964 ng  
RT: 7.31 min Scan# 888  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

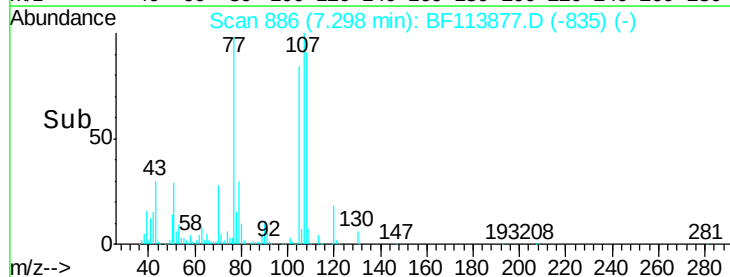
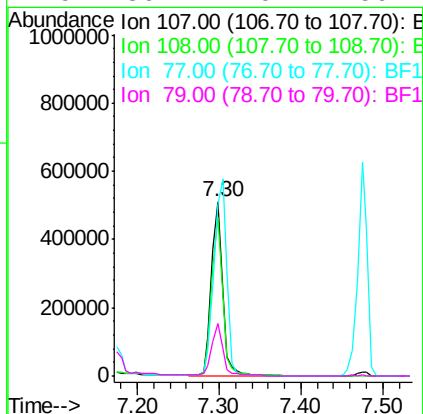
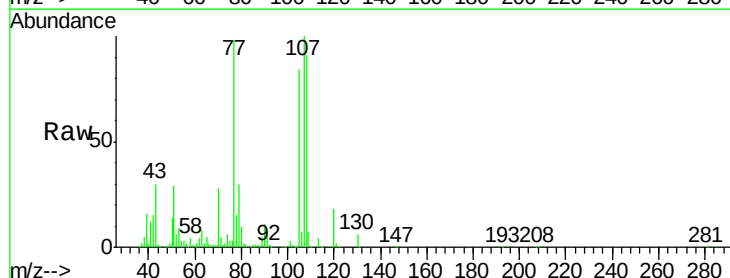
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

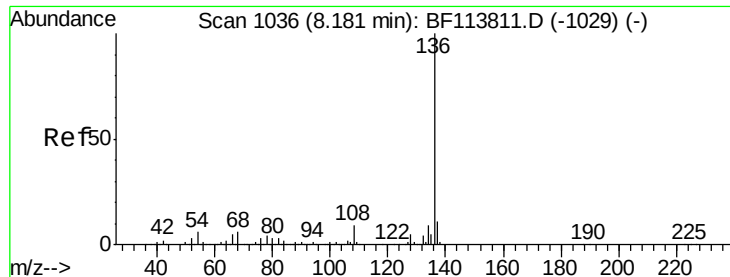
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 338936 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 48.1  | 37.3  | 55.9   |
| 101      | 10.2  | 7.8   | 11.8   |
| 130      | 22.3  | 18.2  | 27.2   |



#20  
3+4-Methylphenols  
Concen: 41.436 ng  
RT: 7.30 min Scan# 886  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 489508 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.8  | 70.1  | 110.1  |
| 77       | 98.3  | 52.9  | 92.9   |
| 79       | 30.2  | 10.2  | 50.2   |

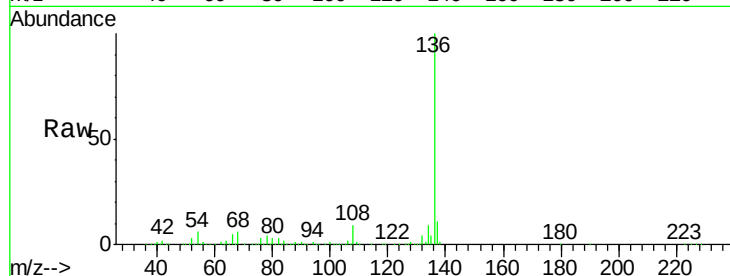




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 705947   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.1  | 8.6 12.8 |
| 54          | 6.4   | 5.0 7.6  |
| 68          | 6.1   | 4.9 7.3  |



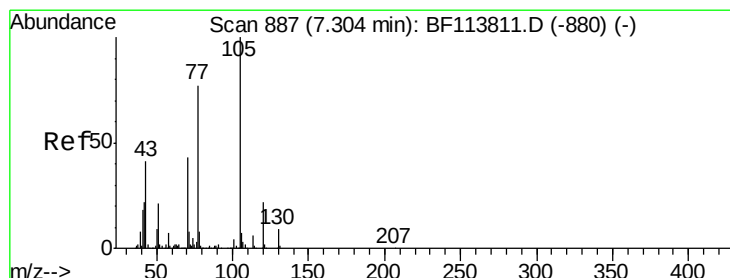
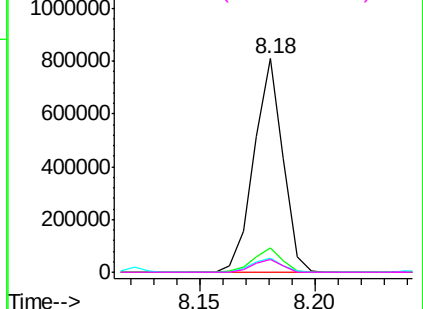
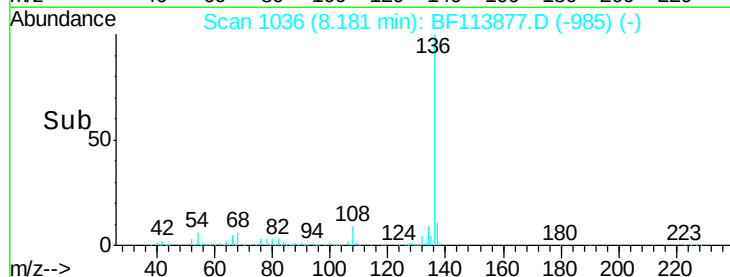
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

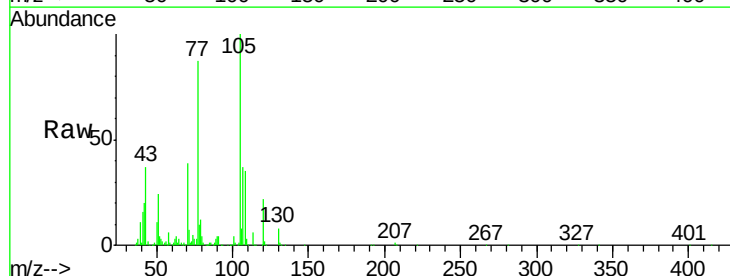
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22  
Acetophenone  
Concen: 39.286 ng  
RT: 7.30 min Scan# 887  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 631881    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 6.7   | 6.1 9.1   |
| 51          | 24.4  | 16.8 25.2 |
| 120         | 22.1  | 17.6 26.4 |



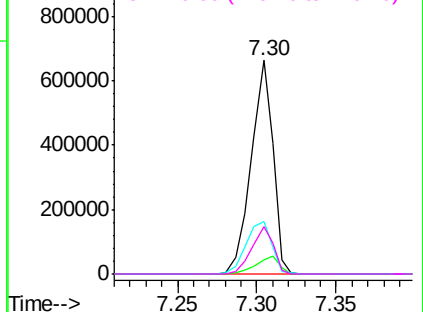
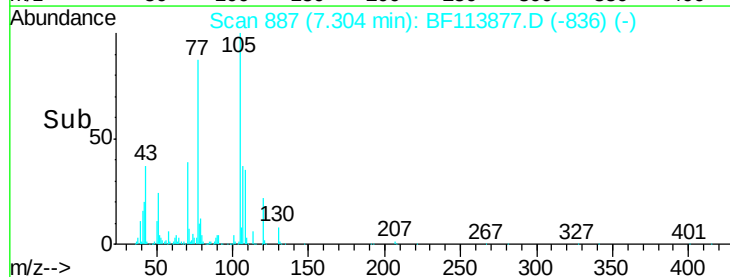
Abundance

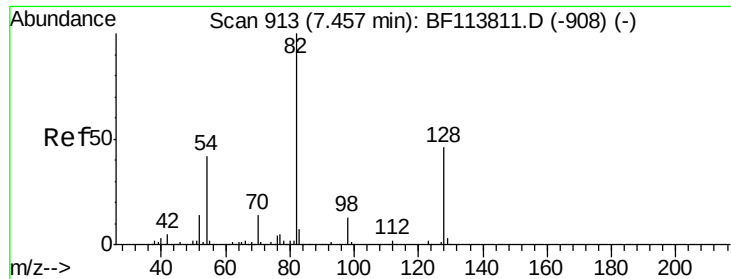
Ion 105.00 (104.70 to 105.70): E

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

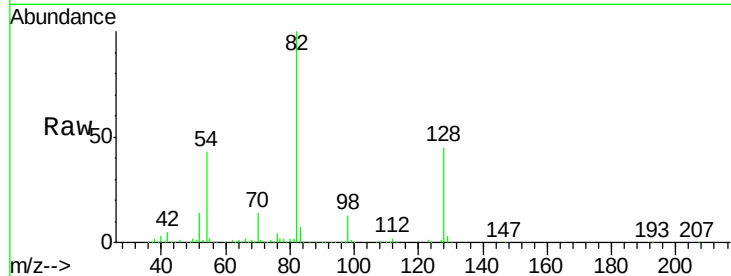




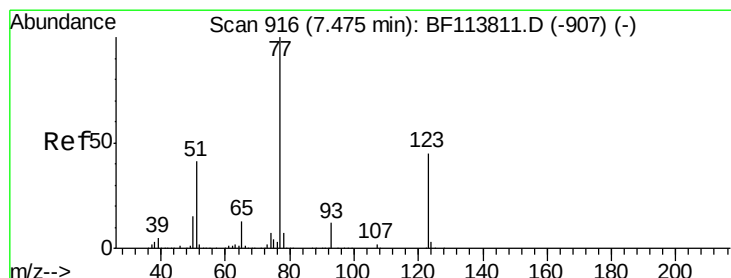
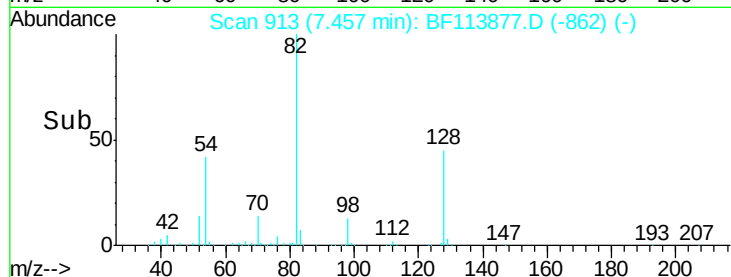
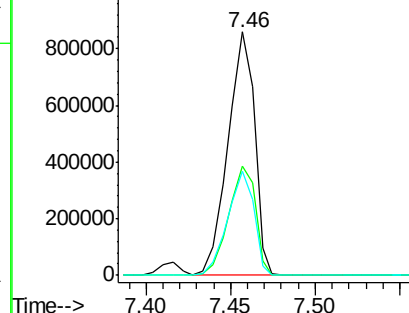
#23  
 Nitrobenzene-d5  
 Concen: 80.880 ng  
 RT: 7.46 min Scan# 913  
 Delta R.T. 0.00 min  
 Lab File: BF113877.D  
 Acq: 22 Apr 2019 13:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tot Ion   | 82   | Resp | 937614 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| Lower     | 36.8 |      |        |
| Upper     | 55.2 |      |        |
| 128       | 45.0 |      |        |
| 54        | 42.6 |      |        |

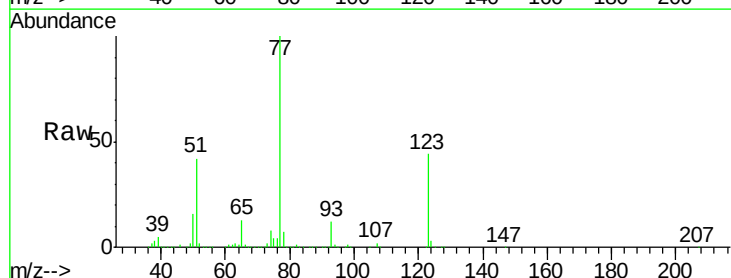


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

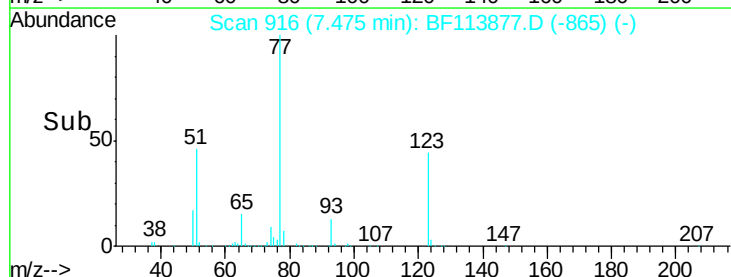
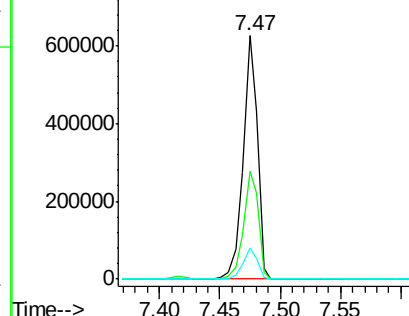


#24  
 Nitrobenzene  
 Concen: 39.758 ng  
 RT: 7.47 min Scan# 916  
 Delta R.T. 0.00 min  
 Lab File: BF113877.D  
 Acq: 22 Apr 2019 13:40

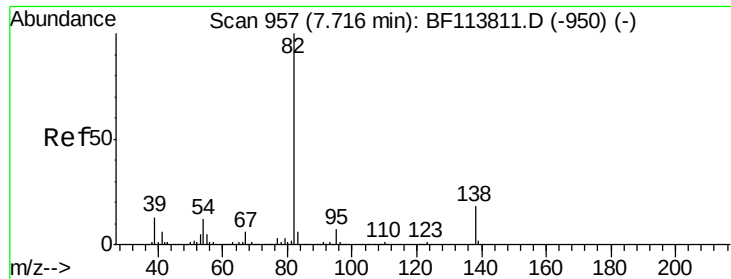
| Tgt Ion                                    | 77   | Resp | 517999 |
|--------------------------------------------|------|------|--------|
| Ion Ratio <td>100</td> <td></td> <td></td> | 100  |      |        |
| Lower                                      | 36.3 |      |        |
| Upper                                      | 54.5 |      |        |
| 123                                        | 44.1 |      |        |
| 65                                         | 12.9 |      |        |



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







#25

Isophorone

Concen: 38.586 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

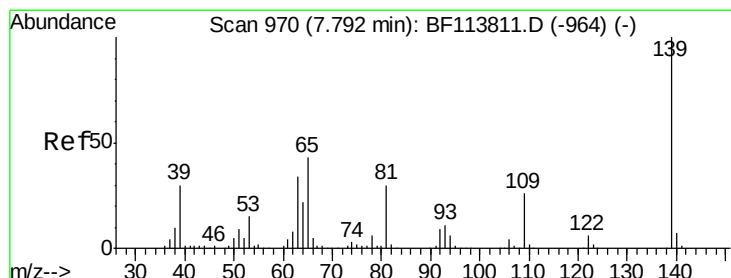
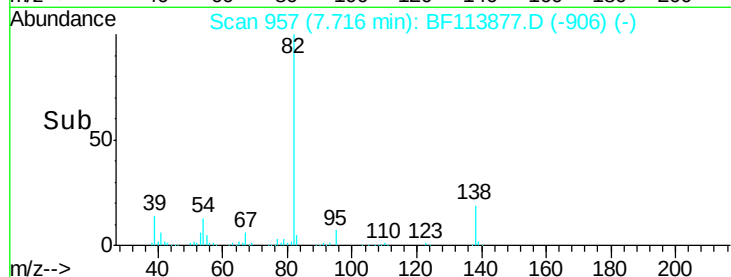
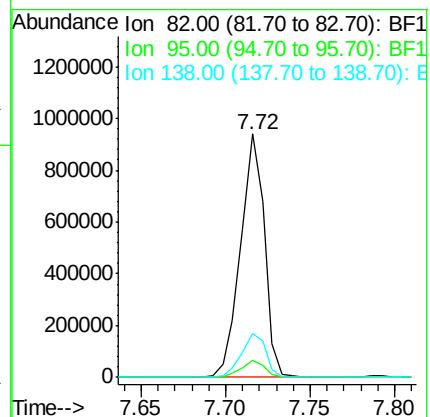
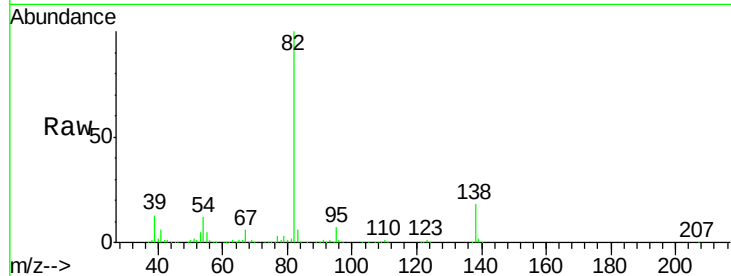
Tot Ion: 82 Resp: 926149

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 17.8 14.6 22.0



#26

2-Nitrophenol

Concen: 45.426 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

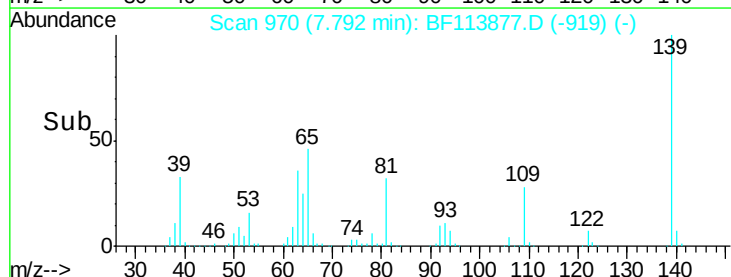
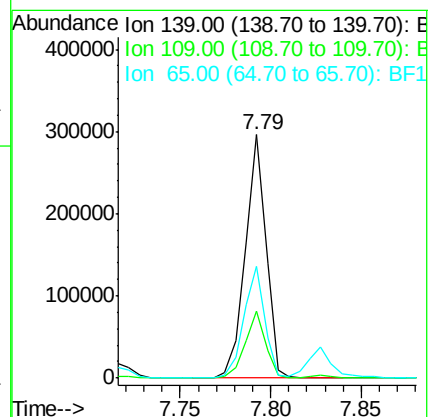
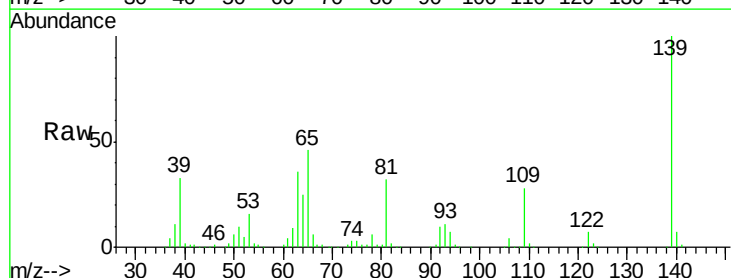
Tgt Ion: 139 Resp: 235121

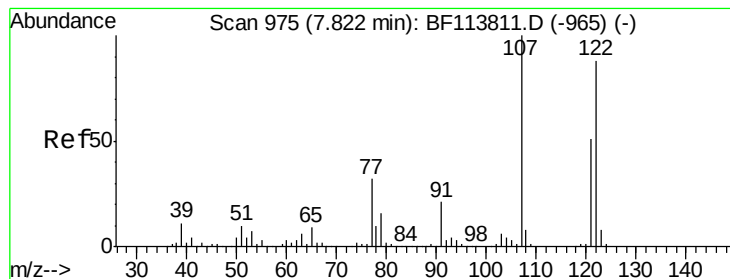
Ion Ratio Lower Upper

139 100

109 27.5 20.6 31.0

65 46.0 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 38.817 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

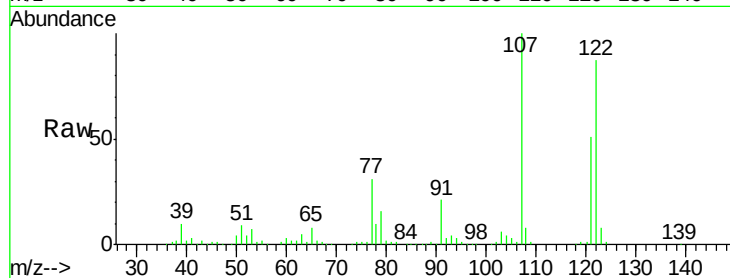
Tot Ion:122 Resp: 383604

Ion Ratio Lower Upper

122 100

107 114.7 91.2 136.8

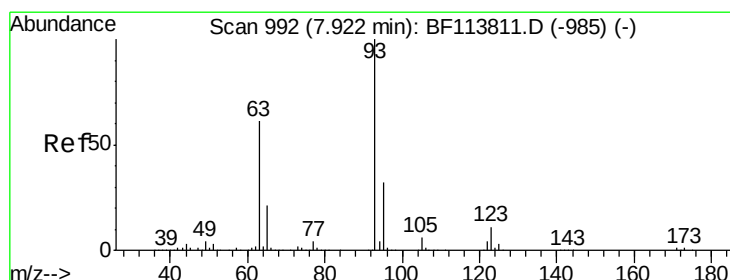
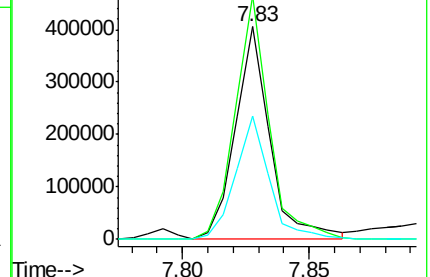
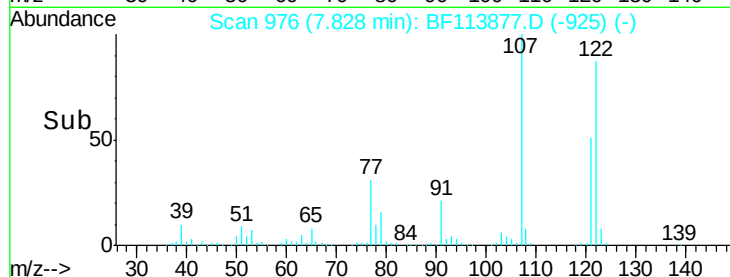
121 58.0 46.4 69.6



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: 39.342 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

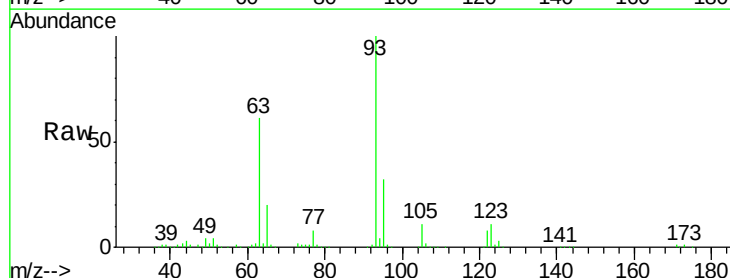
Tgt Ion: 93 Resp: 600064

Ion Ratio Lower Upper

93 100

95 31.7 25.8 38.6

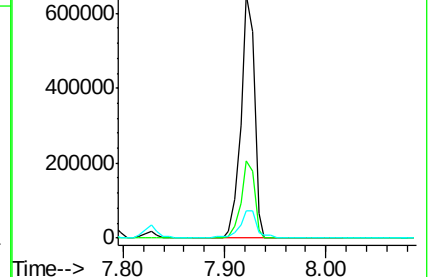
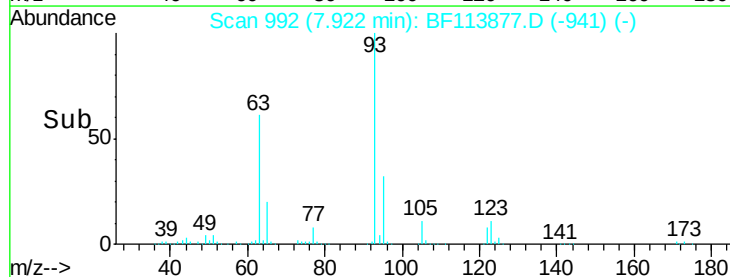
123 11.3 9.0 13.6

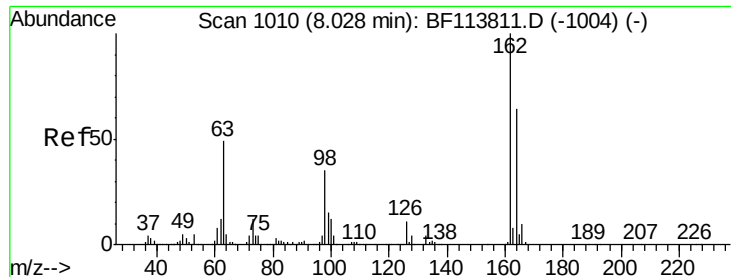


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

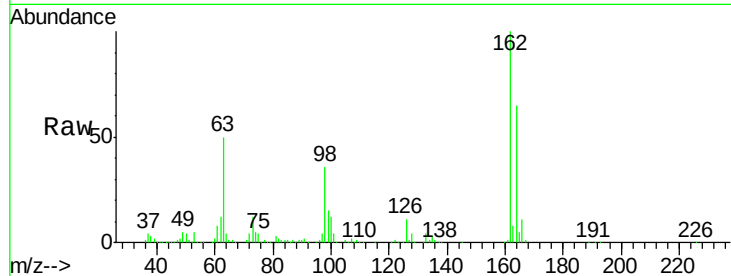




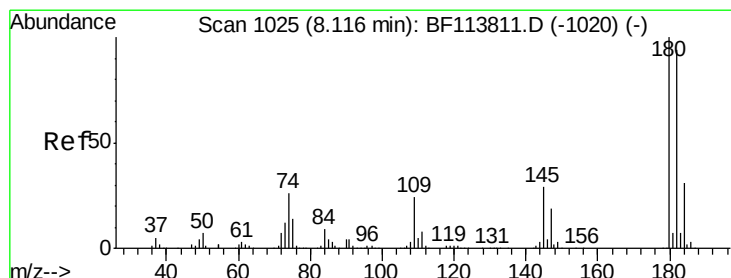
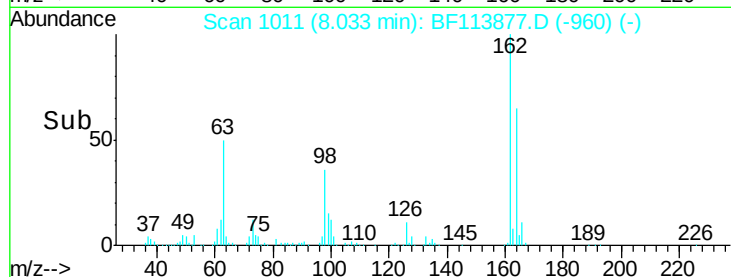
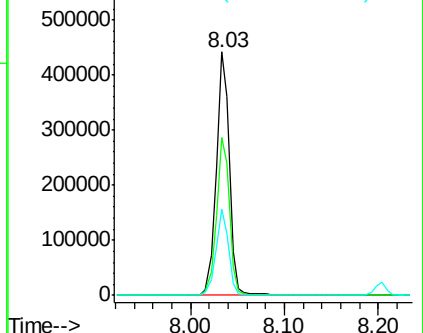
#29  
2,4-Dichlorophenol  
Concen: 41.385 ng  
RT: 8.03 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:162 Resp: 435774  
Ion Ratio Lower Upper  
162 100  
164 64.9 43.7 83.7  
98 35.5 15.5 55.5

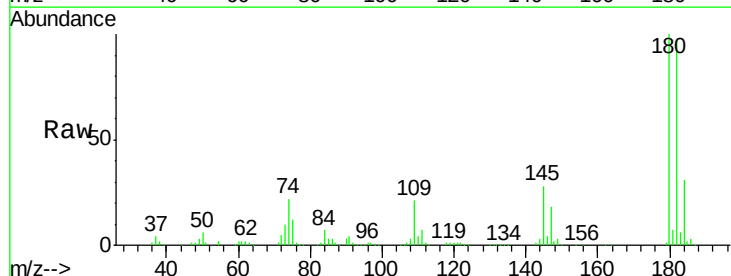


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

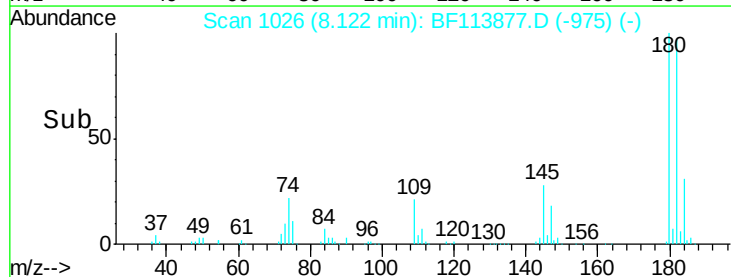
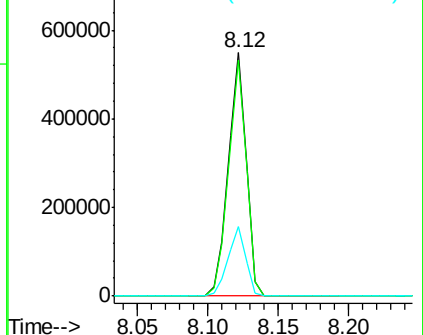


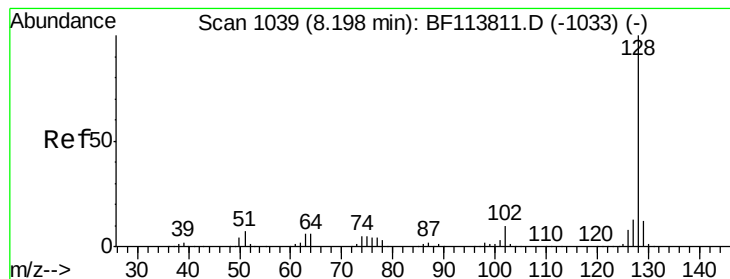
#30  
1,2,4-Trichlorobenzene  
Concen: 41.380 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

Tgt Ion:180 Resp: 483993  
Ion Ratio Lower Upper  
180 100  
182 96.8 75.4 113.0  
145 28.3 23.0 34.4



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





#31

Naphthalene

Concen: 41.008 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

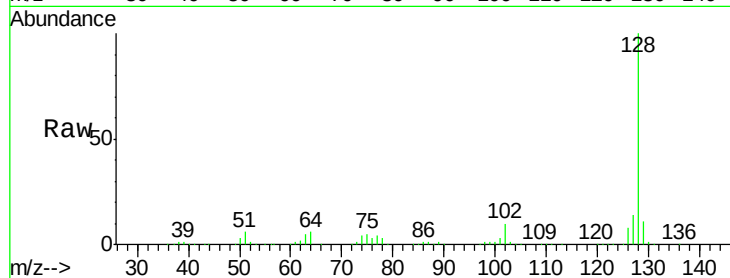
Tot Ion:128 Resp: 1369304

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

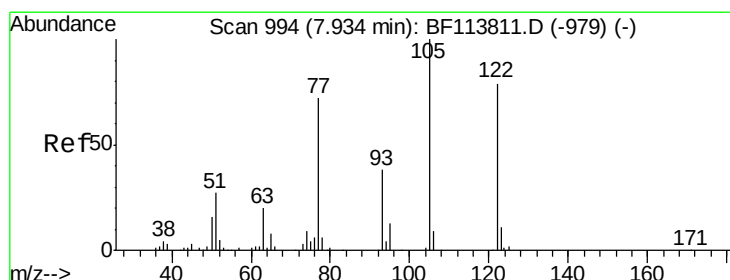
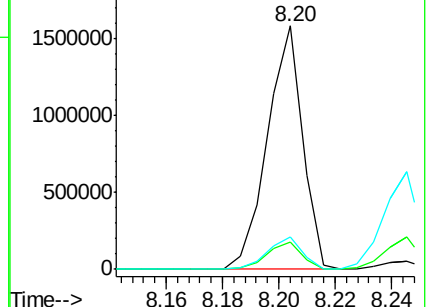
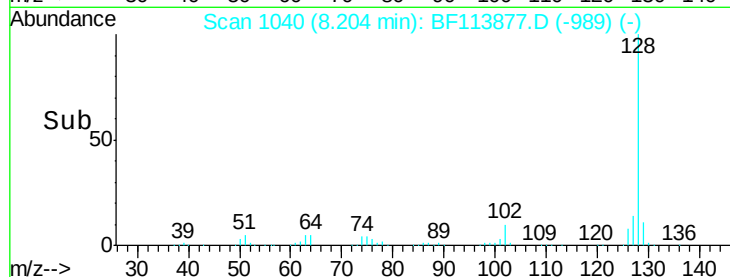
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.870 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

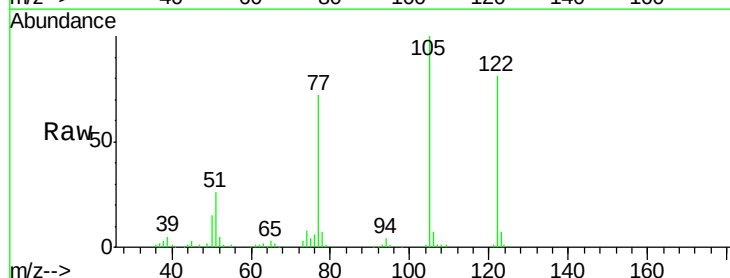
Tgt Ion:122 Resp: 268563

Ion Ratio Lower Upper

122 100

105 122.7 104.3 144.3

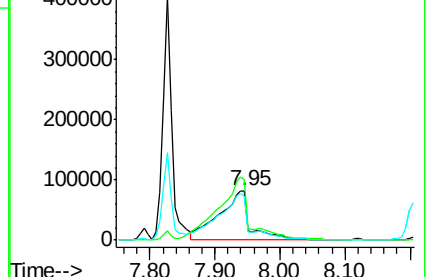
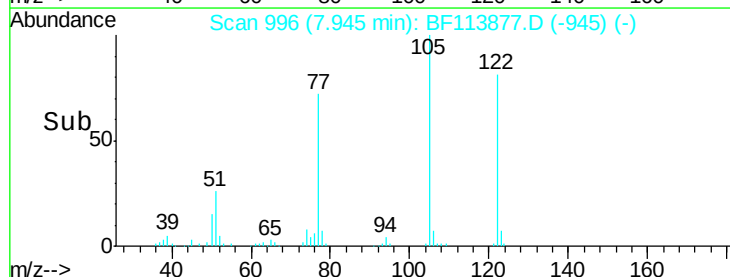
77 88.0 70.4 110.4

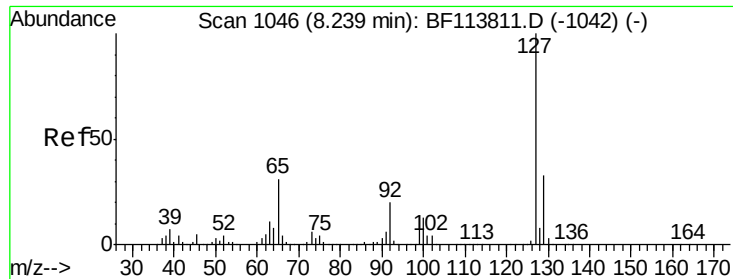


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

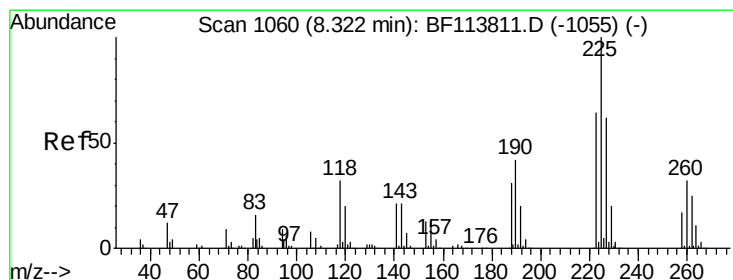
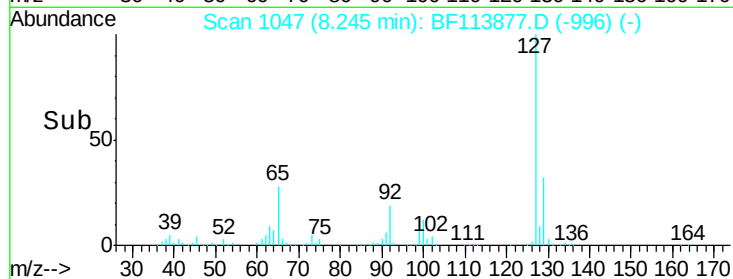
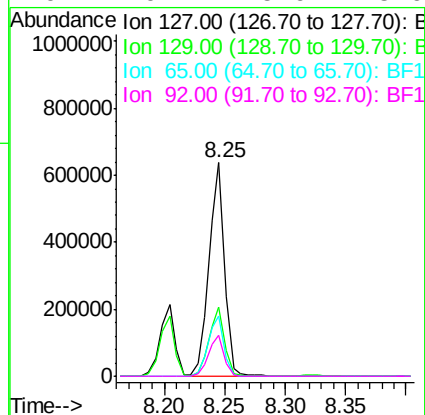
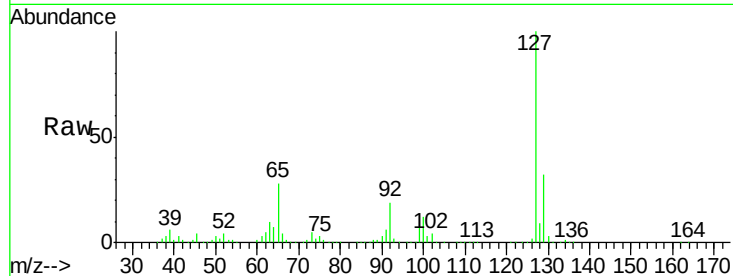




#33  
4-Chloroaniline  
Concen: 39.979 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

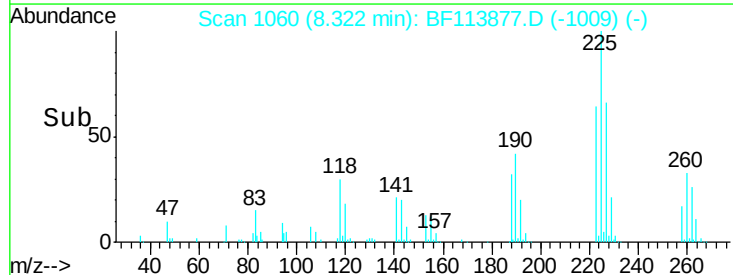
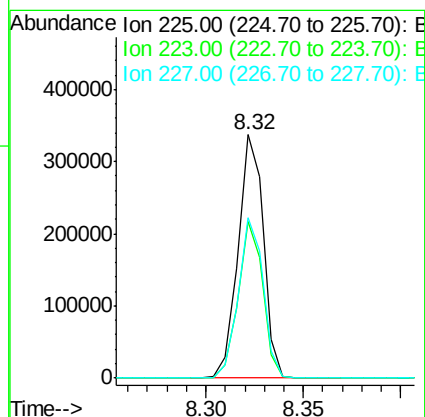
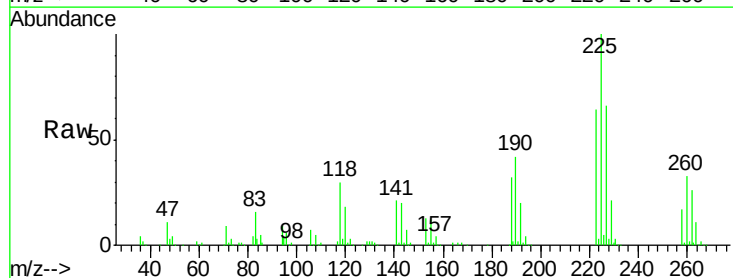
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

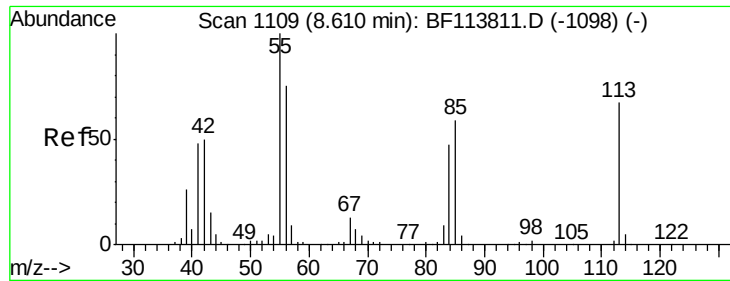
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 566336 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 26.4  | 39.6   |
| 65       | 28.0  | 24.9  | 37.3   |
| 92       | 19.4  | 15.9  | 23.9   |



#34  
Hexachlorobutadiene  
Concen: 42.373 ng  
RT: 8.32 min Scan# 1060  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 302800 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.3  | 51.1  | 76.7   |
| 227      | 65.7  | 49.9  | 74.9   |





#35

Caprolactam

Concen: 39.490 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

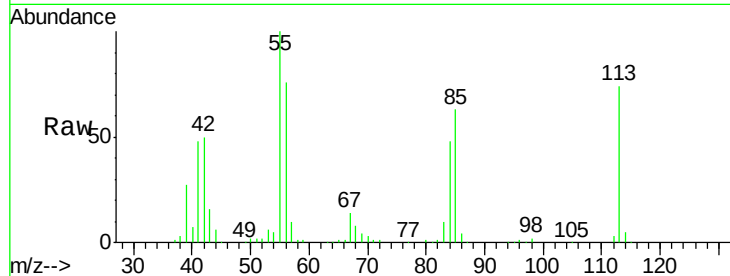
Tot Ion:113 Resp: 134230

Ion Ratio Lower Upper

113 100

55 136.0 128.6 168.6

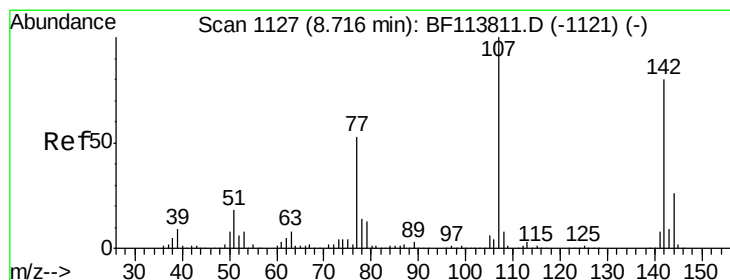
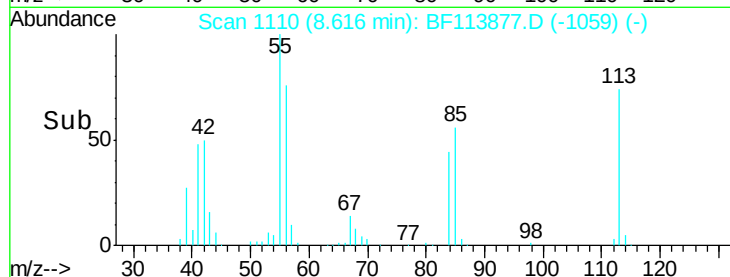
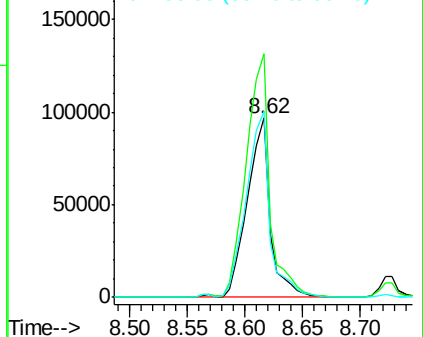
56 103.9 91.9 131.9



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: 41.028 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

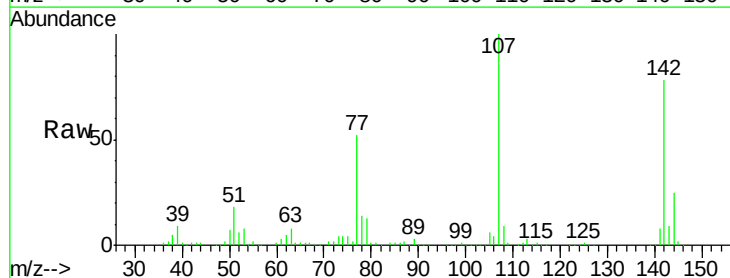
Tgt Ion:107 Resp: 428375

Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

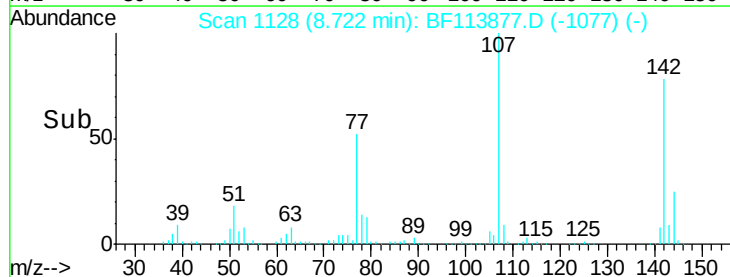
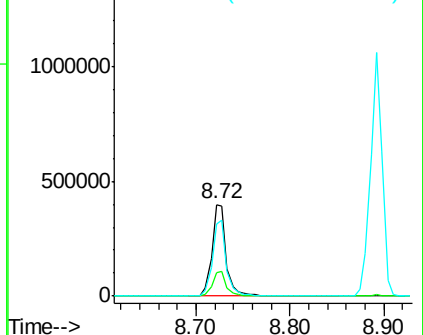
142 78.4 64.2 96.4

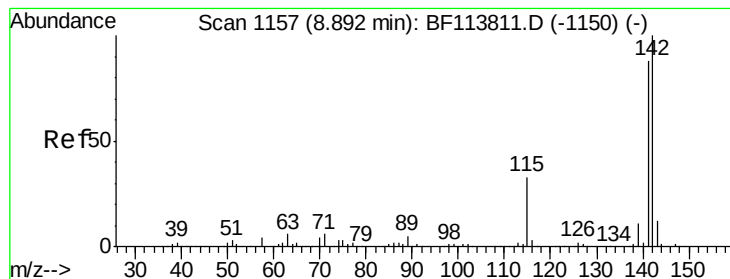


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.474 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

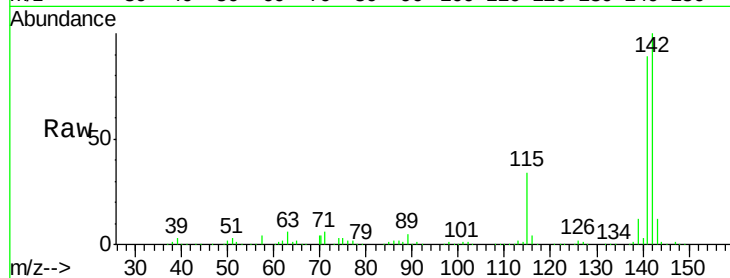
Tot Ion:142 Resp: 918838

Ion Ratio Lower Upper

142 100

141 89.3 70.4 105.6

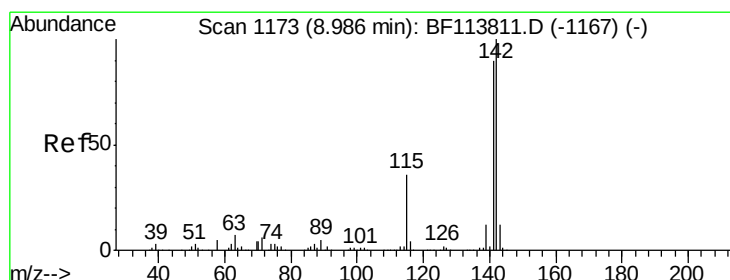
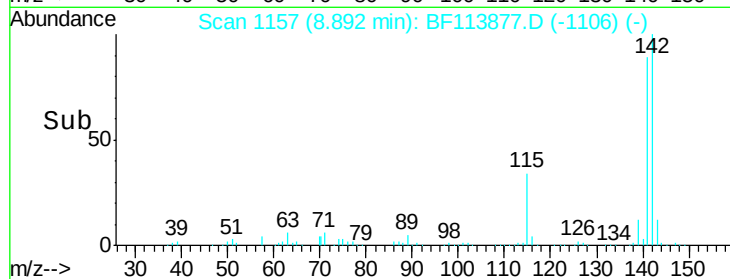
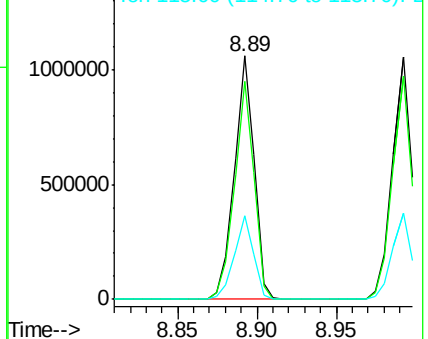
115 34.3 26.3 39.5



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: 40.926 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

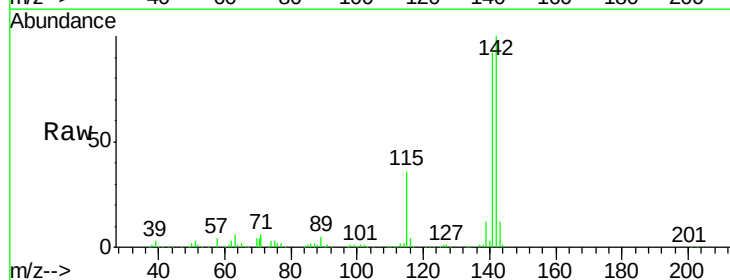
Tgt Ion:142 Resp: 879816

Ion Ratio Lower Upper

142 100

141 92.0 72.3 108.5

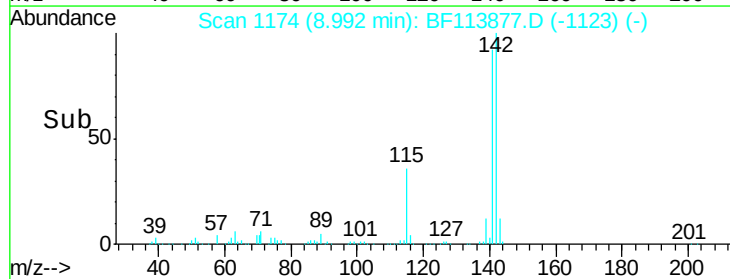
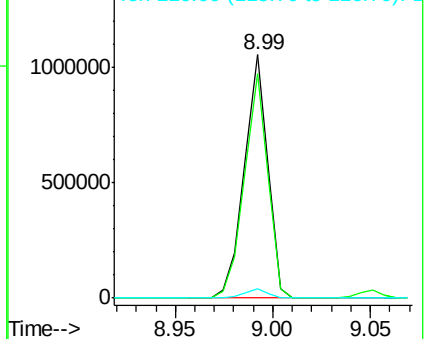
116 3.7 3.0 4.4

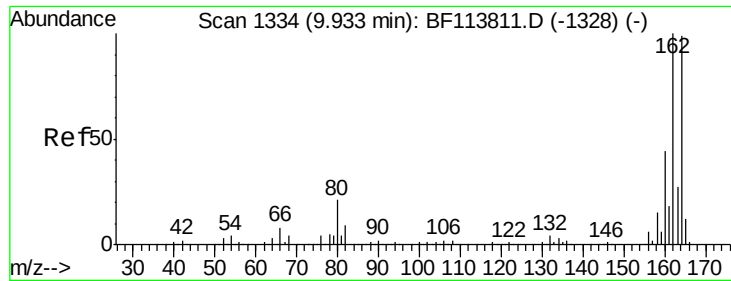


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

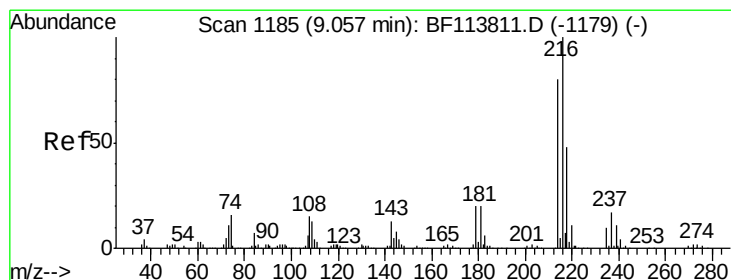
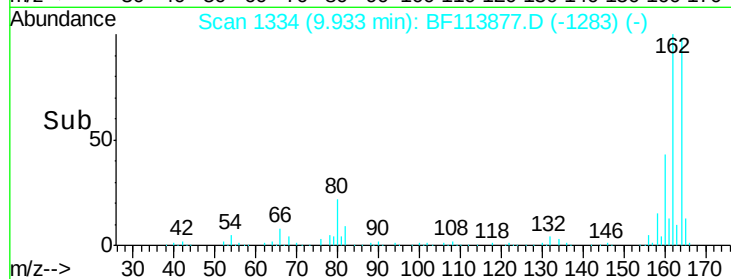
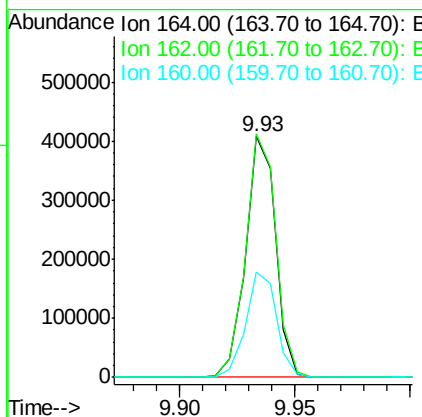
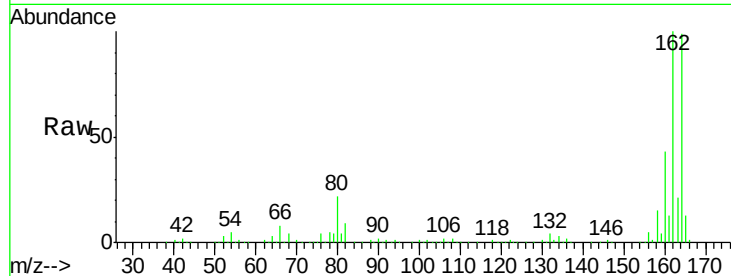




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.93 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

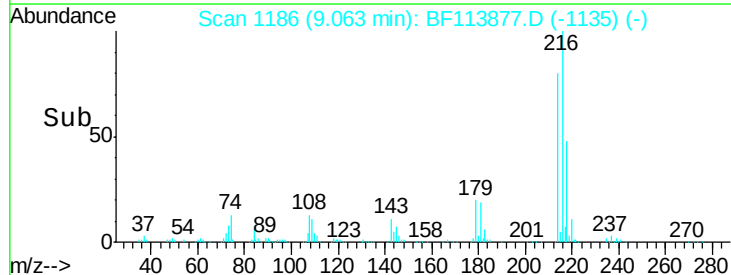
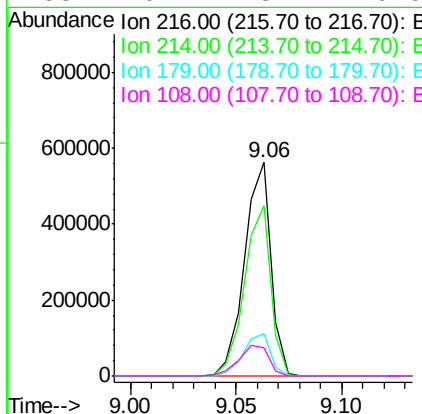
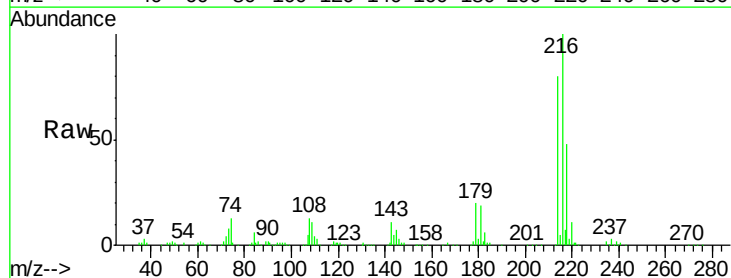
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:164 Resp: 371257  
Ion Ratio Lower Upper  
164 100  
162 101.1 81.1 121.7  
160 44.0 35.8 53.6

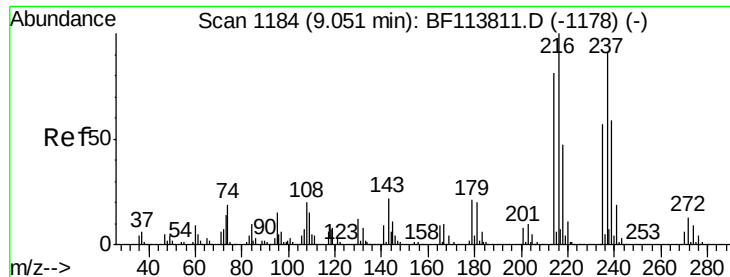


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.568 ng  
RT: 9.06 min Scan# 1186  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

Tgt Ion:216 Resp: 489744  
Ion Ratio Lower Upper  
216 100  
214 79.4 63.5 95.3  
179 20.2 16.1 24.1  
108 16.1 13.4 20.0







#41

Hexachlorocyclopentadiene

Concen: 42.667 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

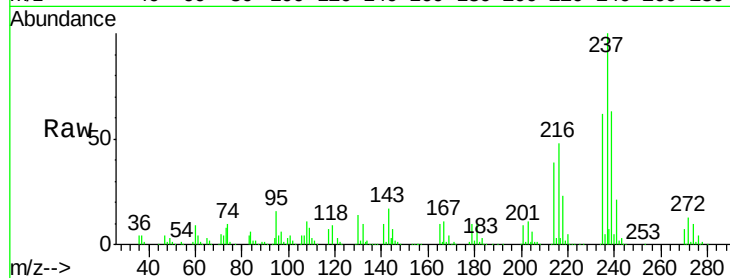
Tot Ion:237 Resp: 276340

Ion Ratio Lower Upper

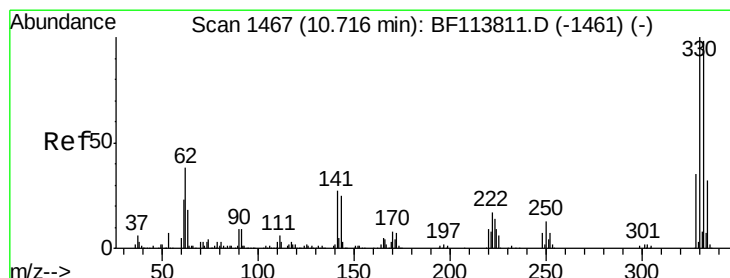
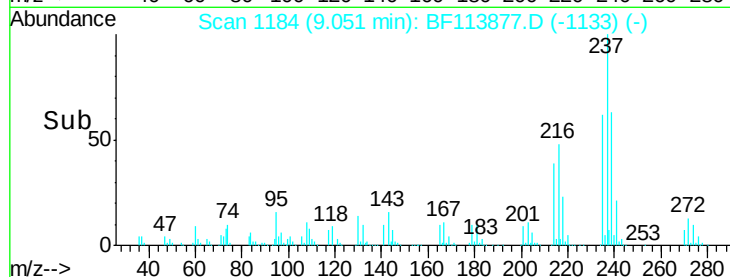
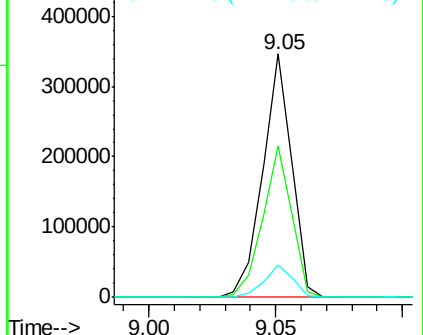
237 100

235 62.5 42.6 82.6

272 13.4 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 90.704 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

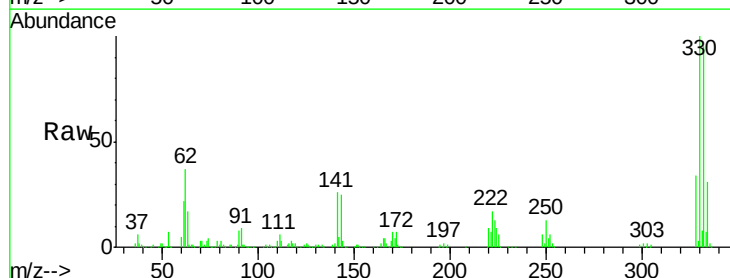
Tgt Ion:330 Resp: 372042

Ion Ratio Lower Upper

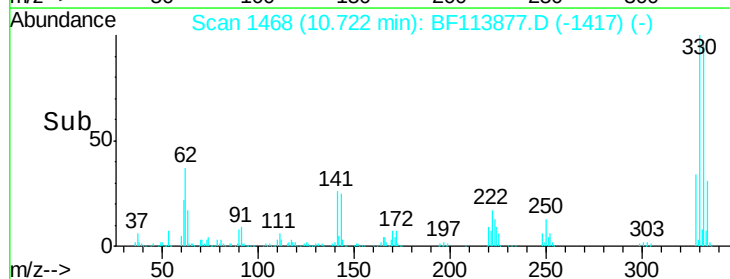
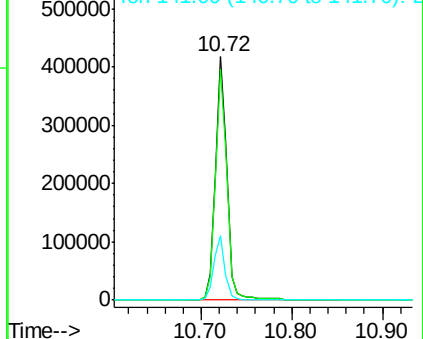
330 100

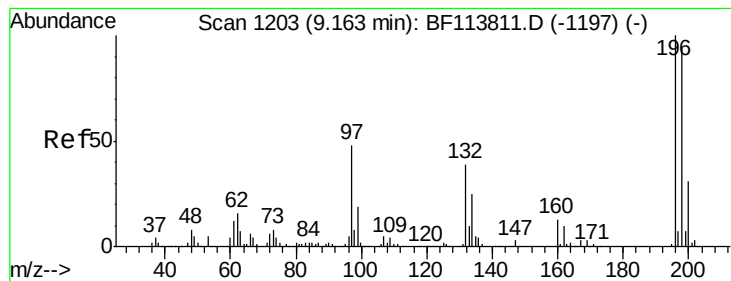
332 95.9 77.5 116.3

141 25.8 22.2 33.2



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





#43

2,4,6-Trichlorophenol

Concen: 40.747 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

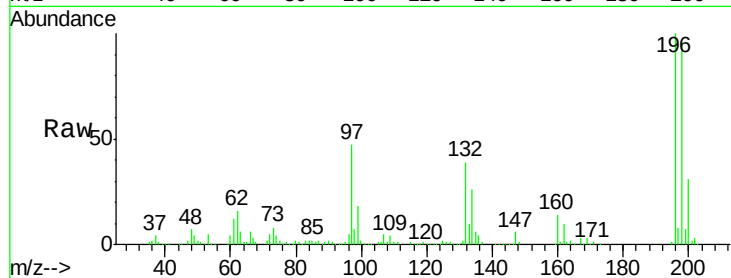
Tot Ion:196 Resp: 309016

Ion Ratio Lower Upper

196 100

198 95.6 75.6 113.4

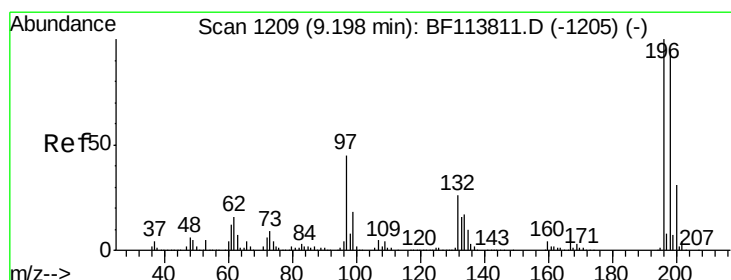
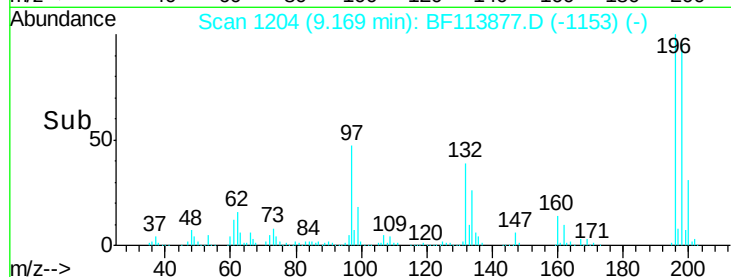
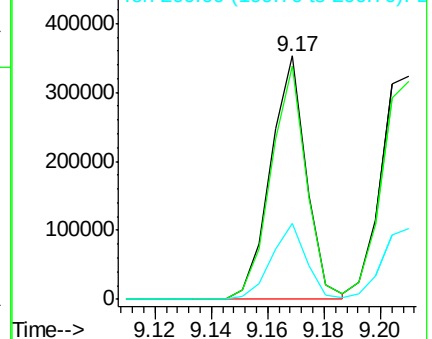
200 31.0 24.7 37.1



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 42.338 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Tgt Ion:196 Resp: 346506

Ion Ratio Lower Upper

196 100

198 97.2 76.2 114.4

97 39.2 35.8 53.8

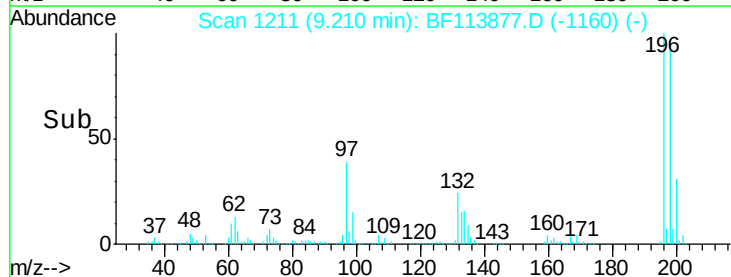
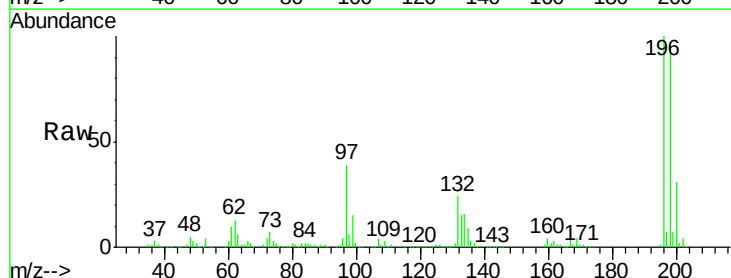
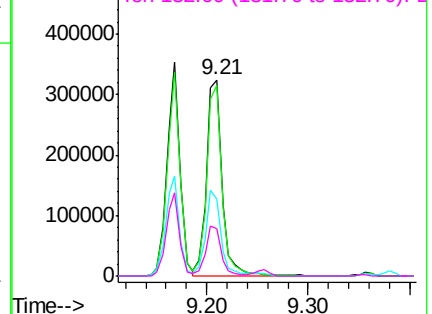
132 24.0 20.9 31.3

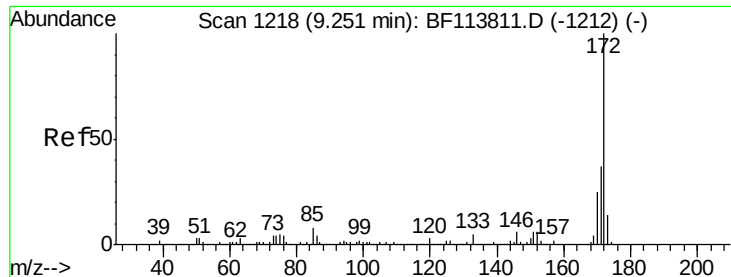
Abundance Ion 196.00 (195.70 to 196.70): E

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

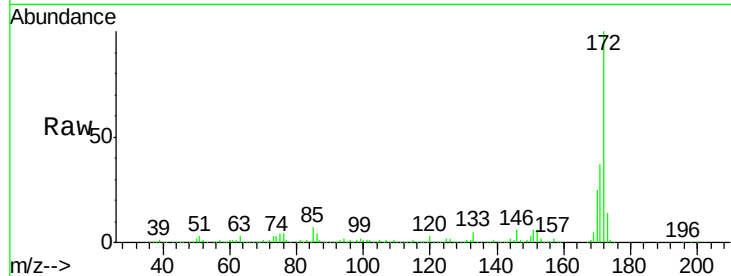




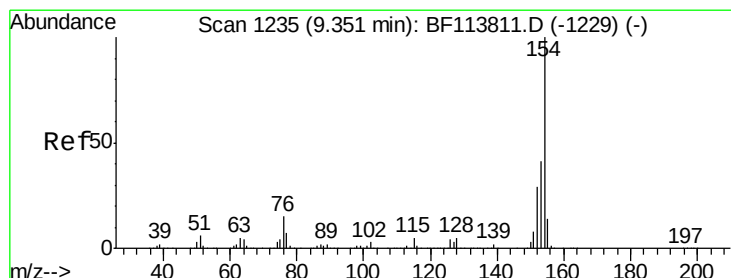
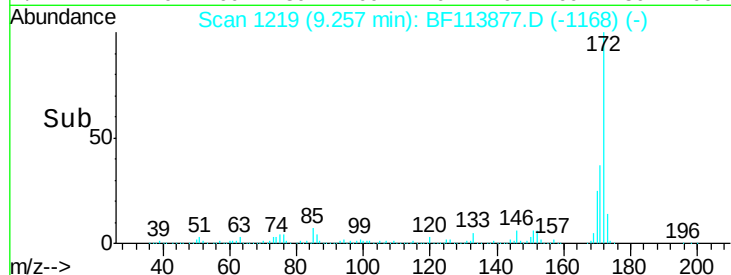
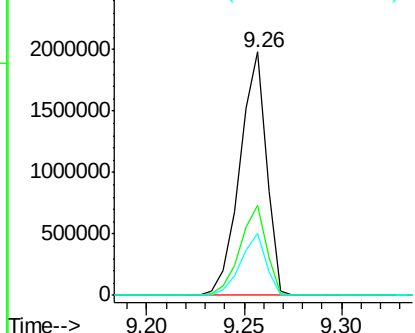
#45  
2-Fluorobiphenyl  
Concen: 76.994 ng  
RT: 9.26 min Scan# 1219  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:172 Resp: 1874345  
Ion Ratio Lower Upper  
172 100  
171 36.9 29.4 44.0  
170 25.3 19.9 29.9

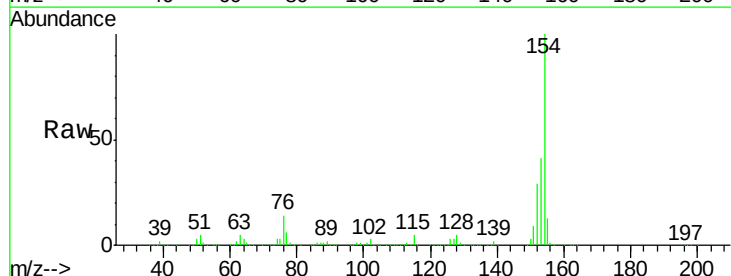


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

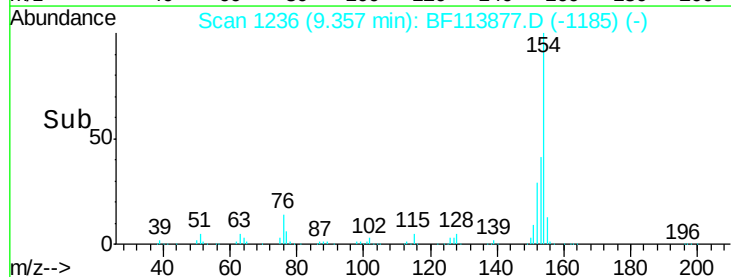
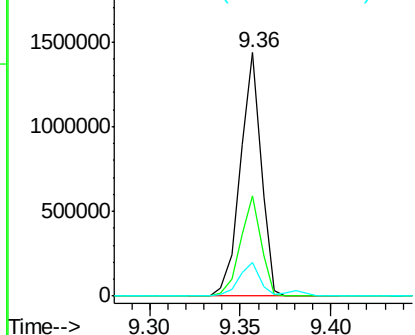


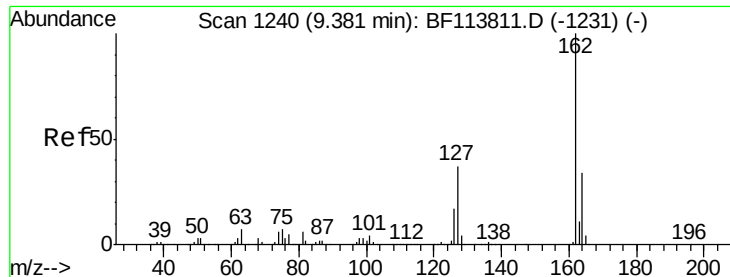
#46  
1,1'-Biphenyl  
Concen: 40.792 ng  
RT: 9.36 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

Tgt Ion:154 Resp: 1145998  
Ion Ratio Lower Upper  
154 100  
153 40.9 20.8 60.8  
76 14.0 0.0 35.2



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





#47

2-Chloronaphthalene

Concen: 40.460 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

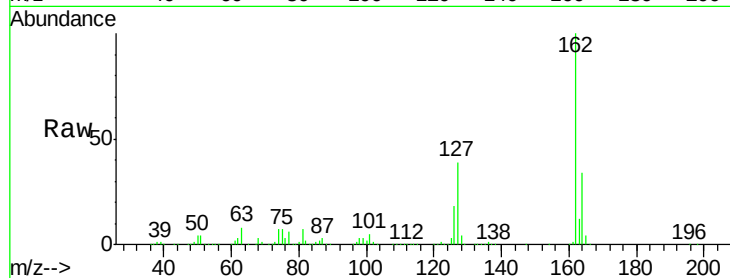
Tot Ion:162 Resp: 930485

Ion Ratio Lower Upper

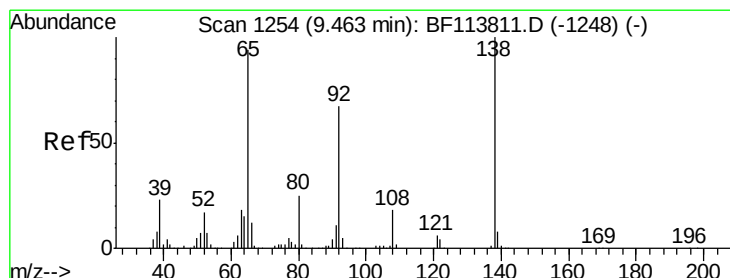
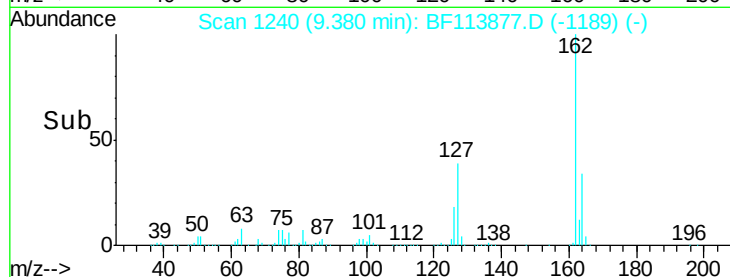
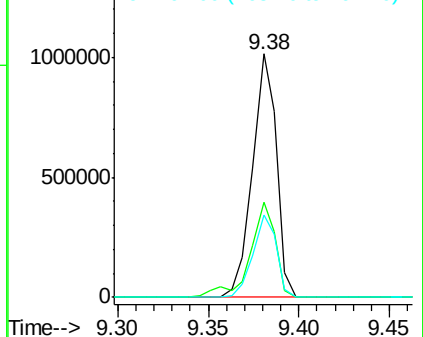
162 100

127 39.0 29.3 43.9

164 33.9 27.1 40.7



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



#48

2-Nitroaniline

Concen: 41.647 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

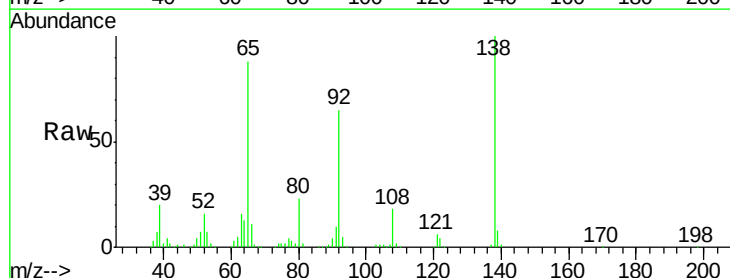
Tgt Ion: 65 Resp: 249228

Ion Ratio Lower Upper

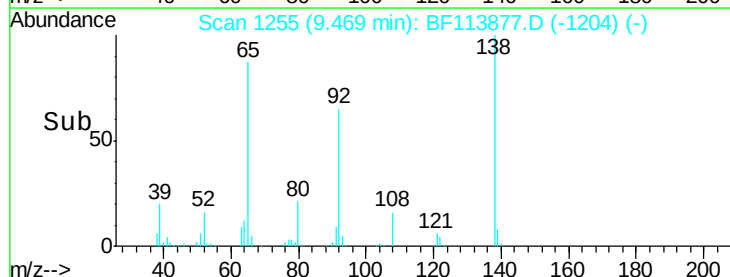
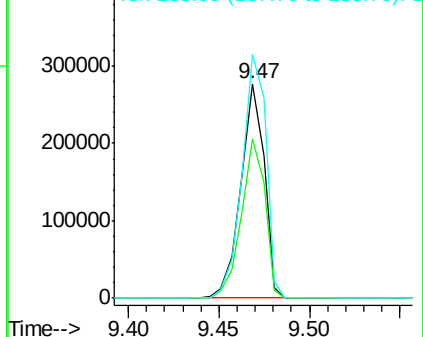
65 100

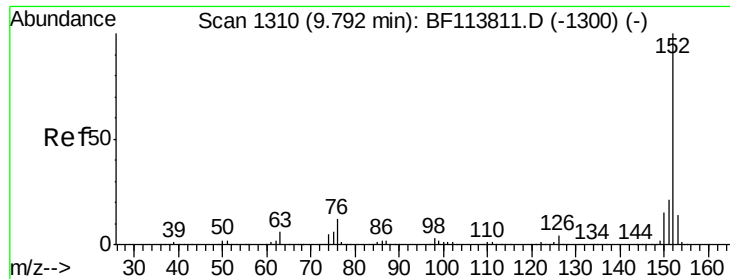
92 74.0 57.4 86.0

138 113.4 85.4 128.0



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: 40.666 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

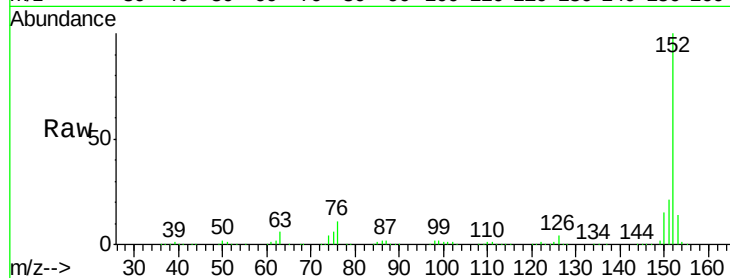
Tot Ion:152 Resp: 1462738

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.4

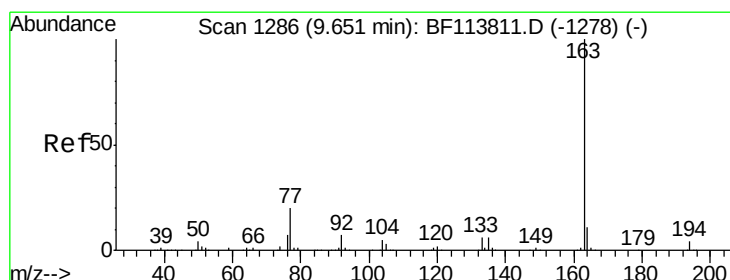
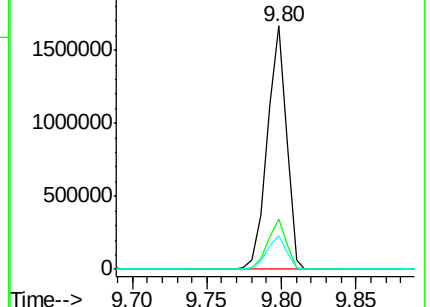
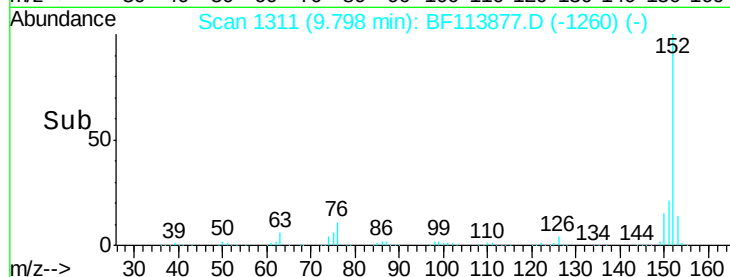
153 13.8 11.0 16.6



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: 41.085 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

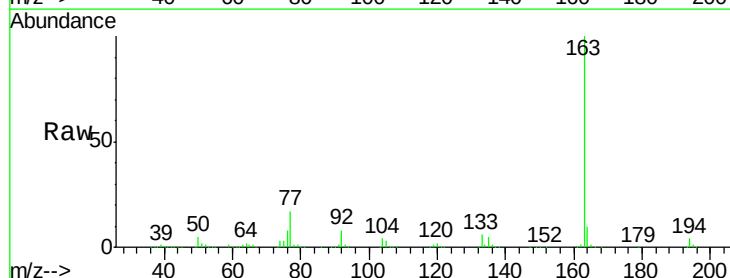
Tgt Ion:163 Resp: 1067446

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

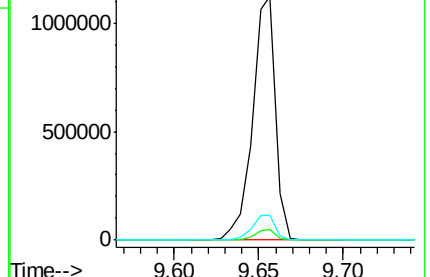
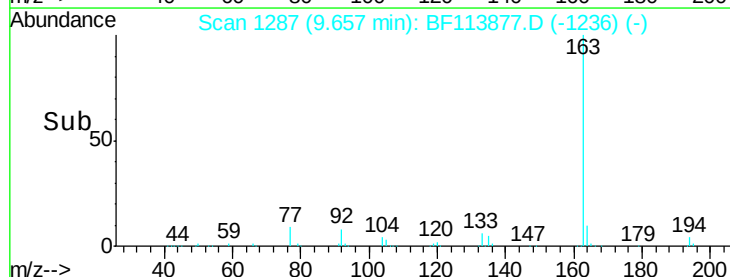
164 10.1 8.5 12.7

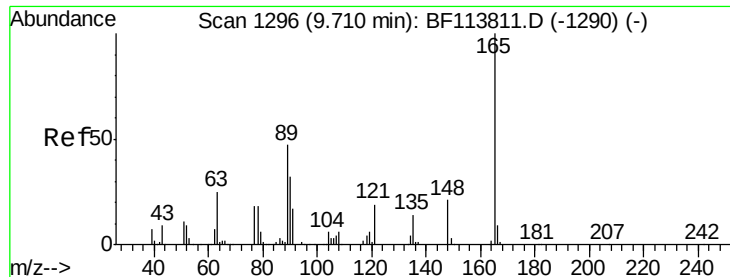


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.563 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

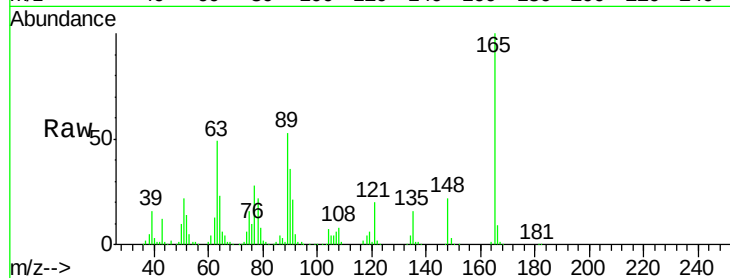
Tot Ion:165 Resp: 238320

Ion Ratio Lower Upper

165 100

63 49.3 33.8 50.8

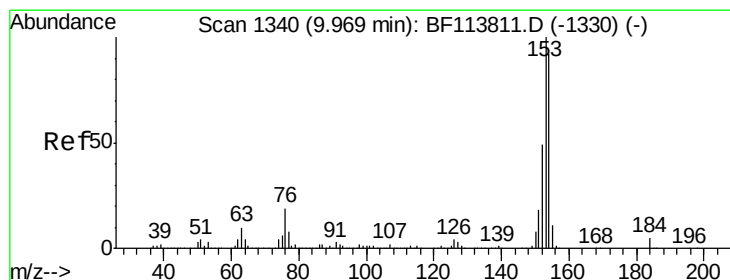
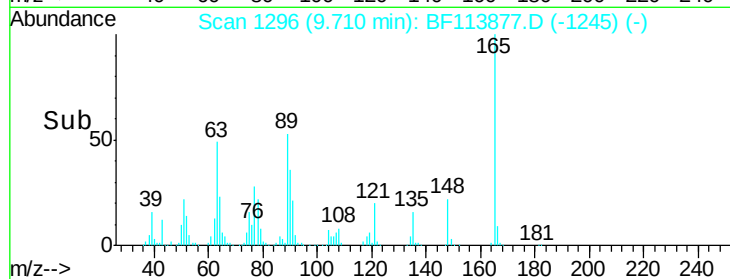
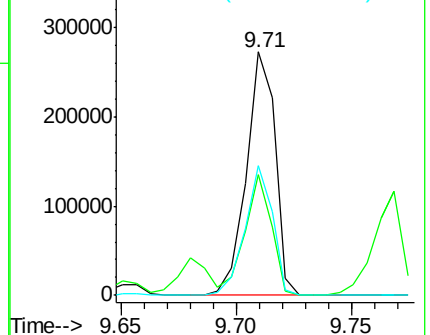
89 53.4 38.2 57.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.848 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

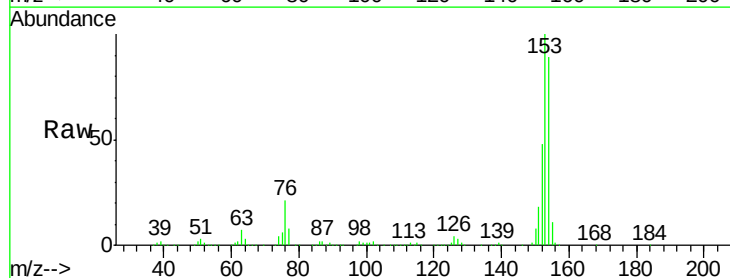
Tgt Ion:154 Resp: 861841

Ion Ratio Lower Upper

154 100

153 111.8 87.2 130.8

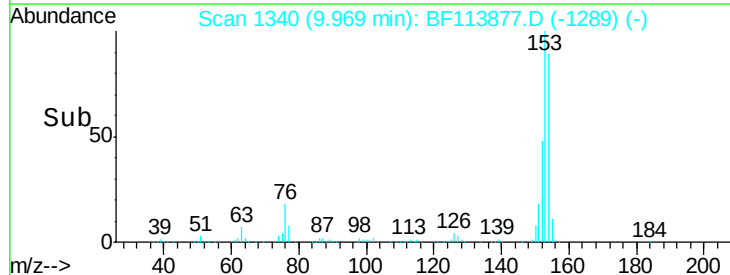
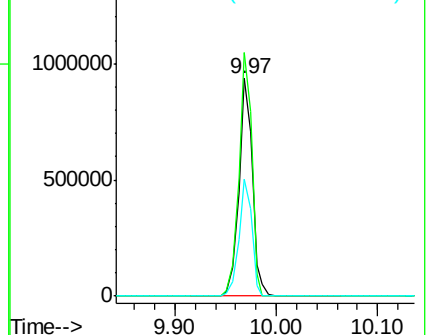
152 53.6 42.3 63.5

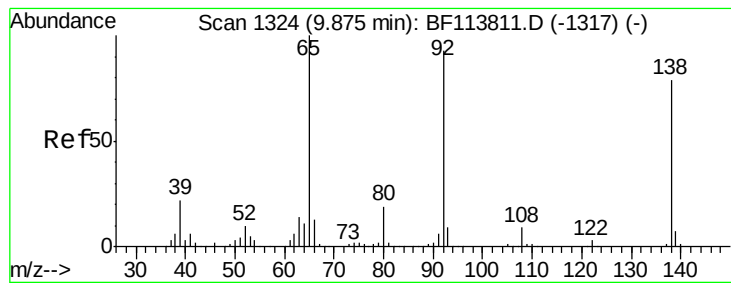


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.584 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

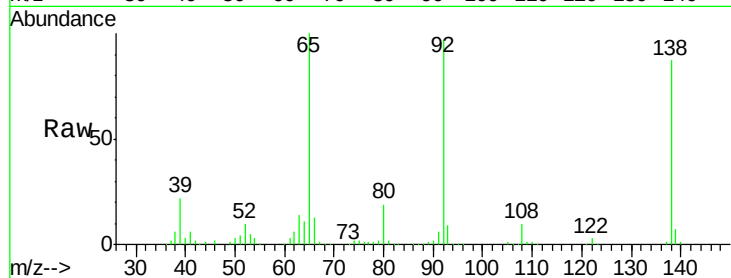
Tot Ion:138 Resp: 246410

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.2

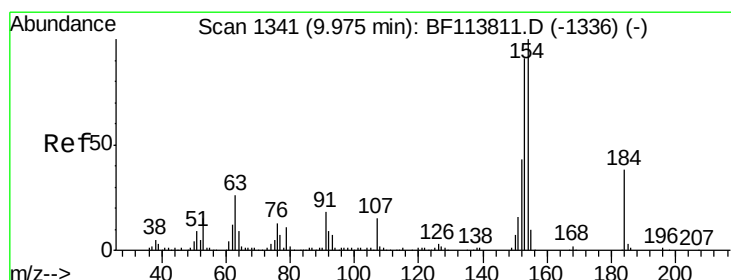
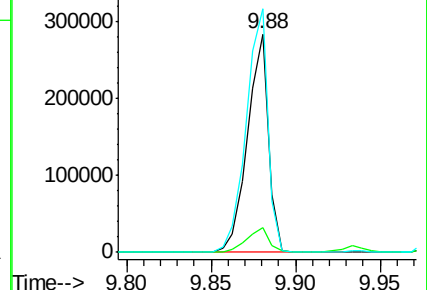
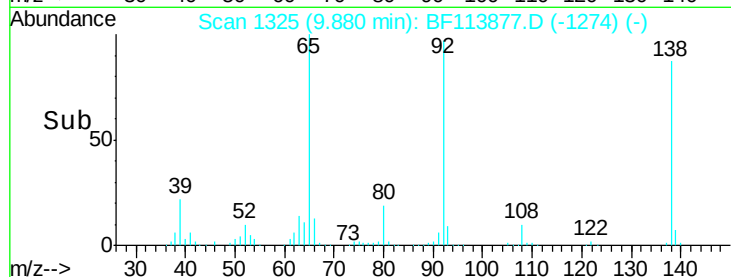
92 111.5 94.1 141.1



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: 45.797 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

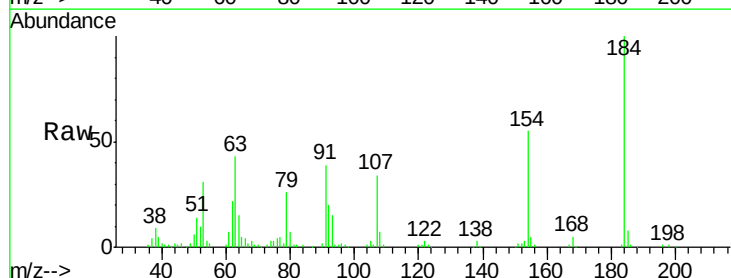
Tgt Ion:184 Resp: 79890

Ion Ratio Lower Upper

184 100

63 42.9 54.6 81.8#

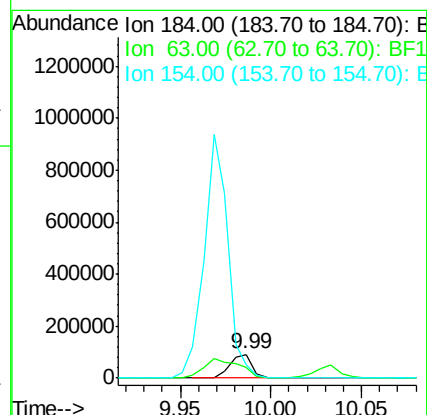
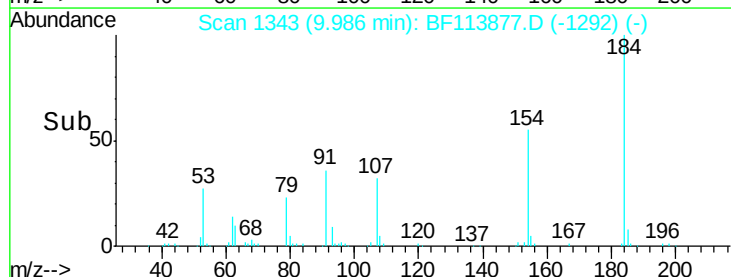
154 55.0 218.6 328.0#

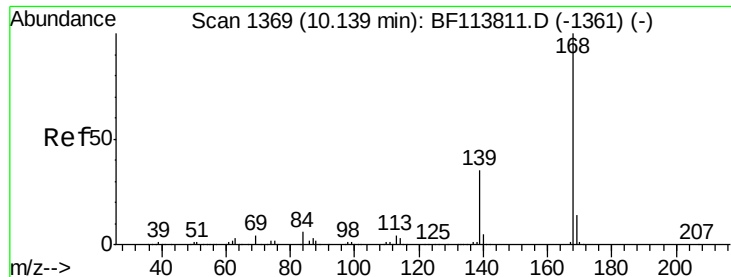


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.235 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

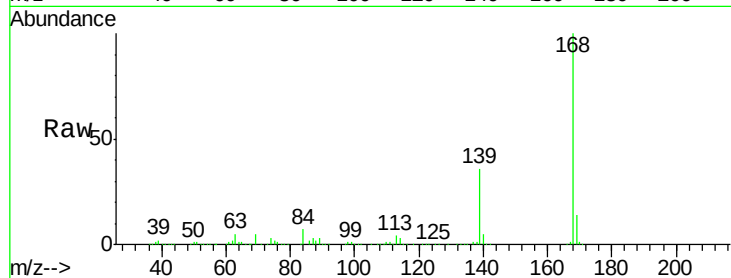
Tot Ion:168 Resp: 1303286

Ion Ratio Lower Upper

168 100

139 36.2 27.8 41.6

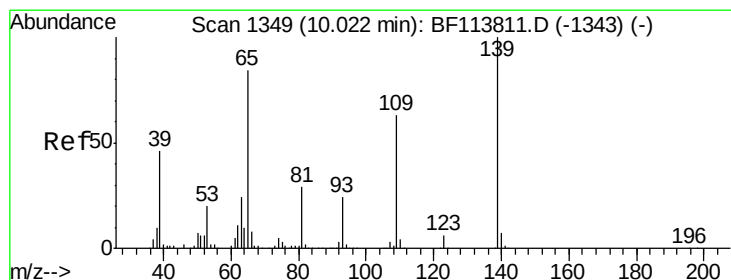
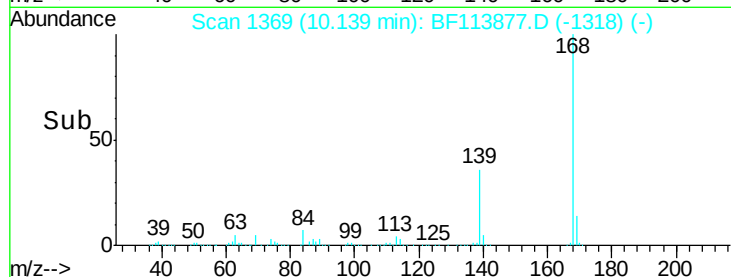
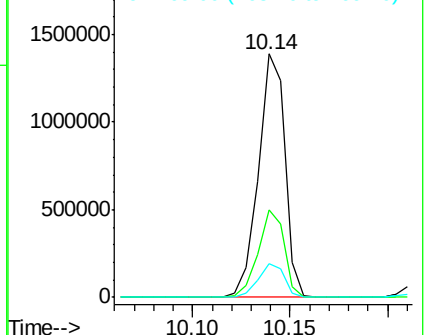
169 14.0 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.700 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

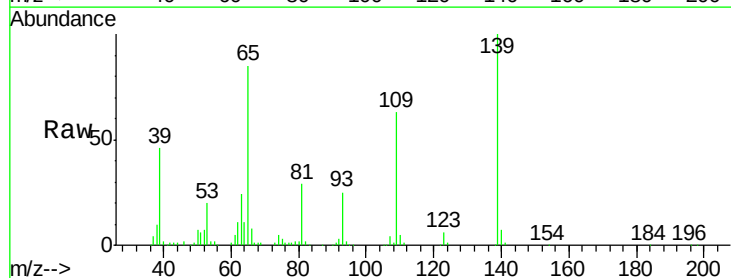
Tgt Ion:139 Resp: 196158

Ion Ratio Lower Upper

139 100

109 63.2 42.9 82.9

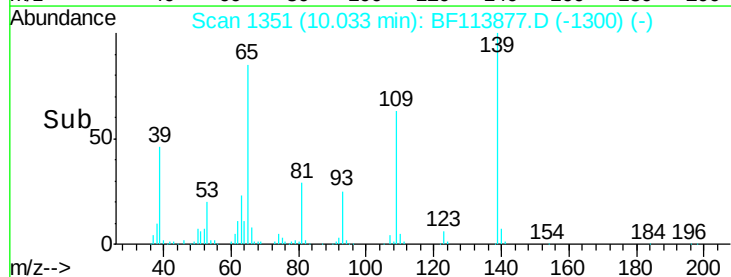
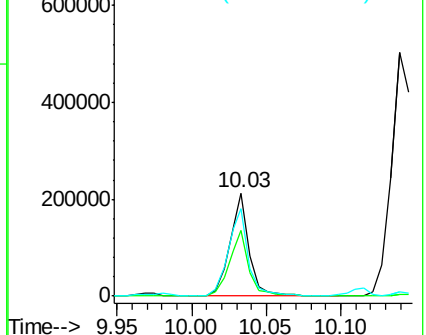
65 84.8 64.4 104.4



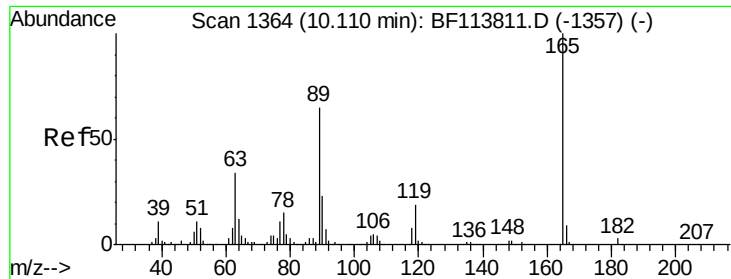
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



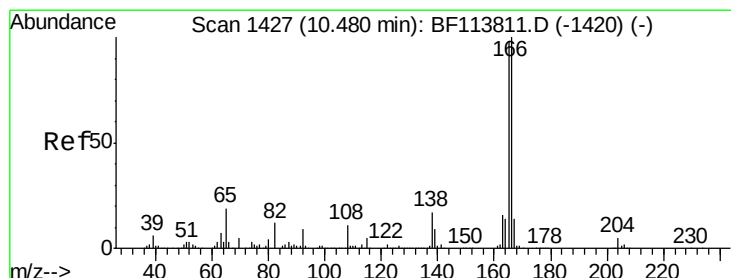
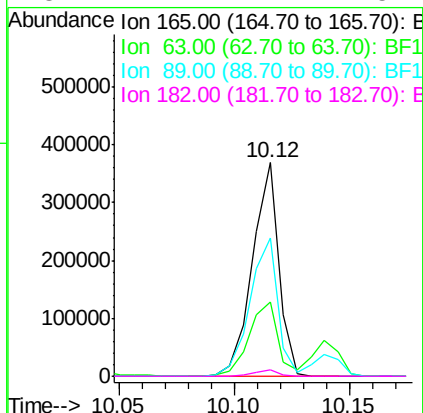
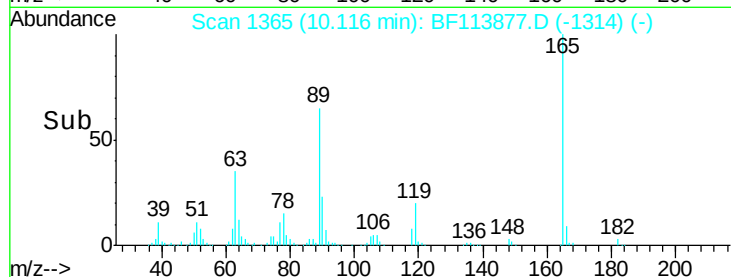
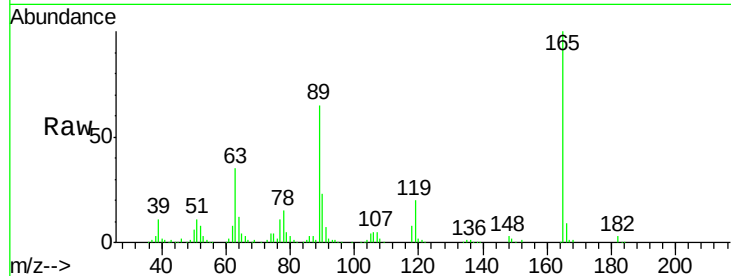




#57  
 2,4-Dinitrotoluene  
 Concen: 41.507 ng  
 RT: 10.12 min Scan# 1365  
 Delta R.T. 0.00 min  
 Lab File: BF113877.D  
 Acq: 22 Apr 2019 13:40

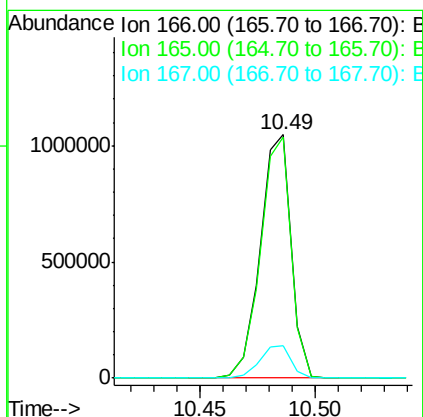
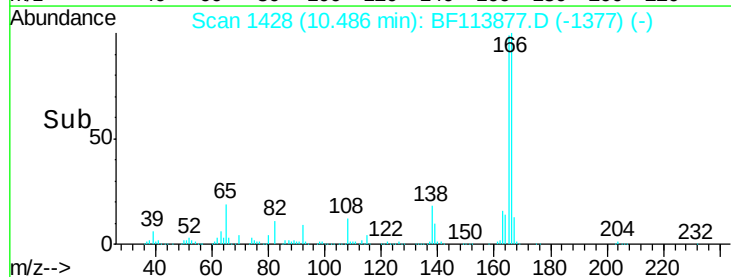
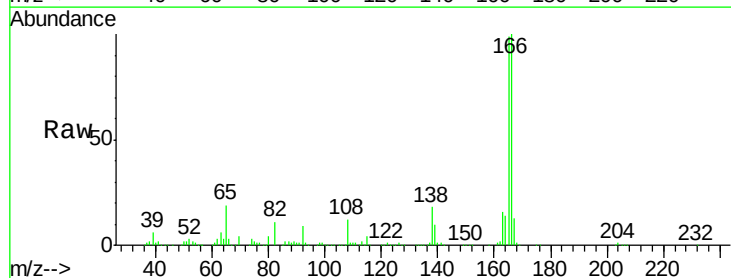
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

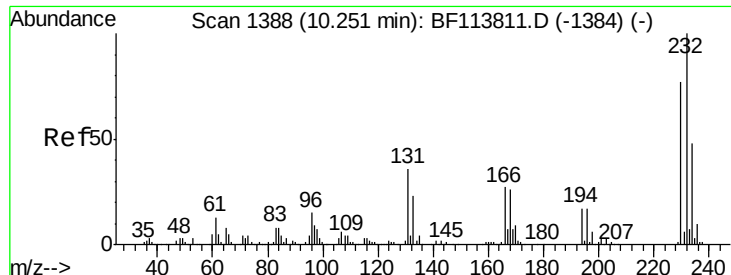
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 34.6  | 27.4  | 41.0  |
| 89      | 64.7  | 51.8  | 77.6  |
| 182     | 2.7   | 2.2   | 3.2   |



#58  
 Fluorene  
 Concen: 41.353 ng  
 RT: 10.49 min Scan# 1428  
 Delta R.T. 0.00 min  
 Lab File: BF113877.D  
 Acq: 22 Apr 2019 13:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.9  | 78.4  | 117.6 |
| 167     | 13.5  | 10.9  | 16.3  |





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.830 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion:232 Resp: 306102

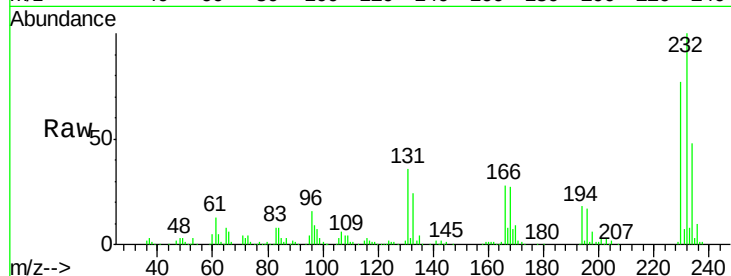
Ion Ratio Lower Upper

232 100

131 36.7 30.2 45.2

130 1.7 1.5 2.3

166 26.6 22.2 33.4

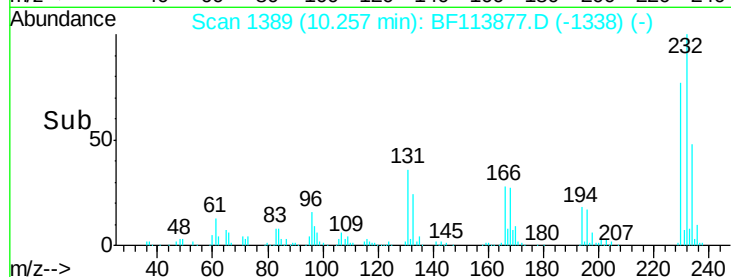


Abundance Ion 232.00 (231.70 to 232.70): E

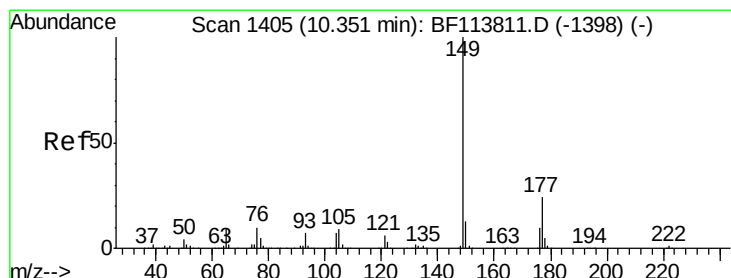
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 41.354 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

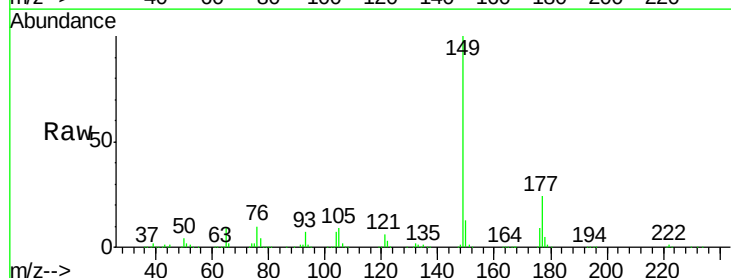
Tgt Ion:149 Resp: 1029741

Ion Ratio Lower Upper

149 100

177 24.1 19.2 28.8

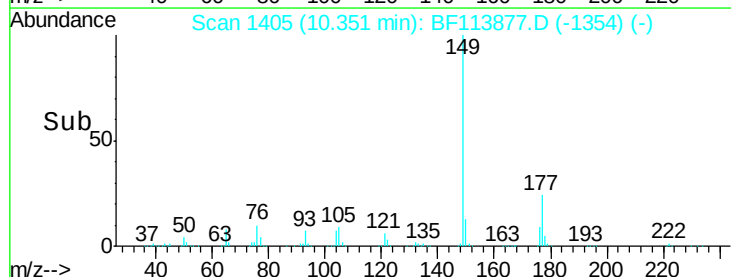
150 12.9 10.3 15.5



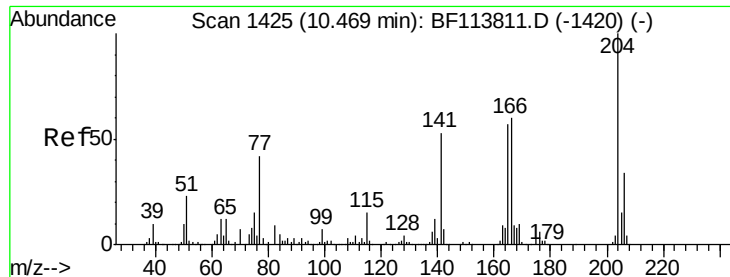
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



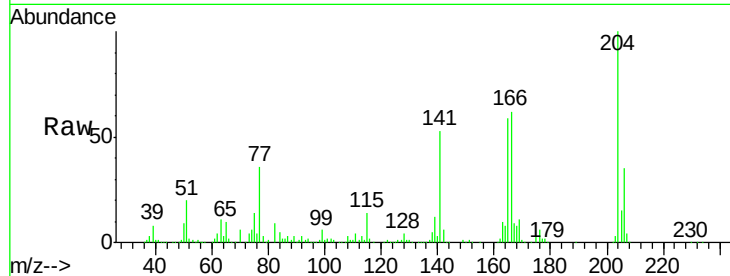
Time-->



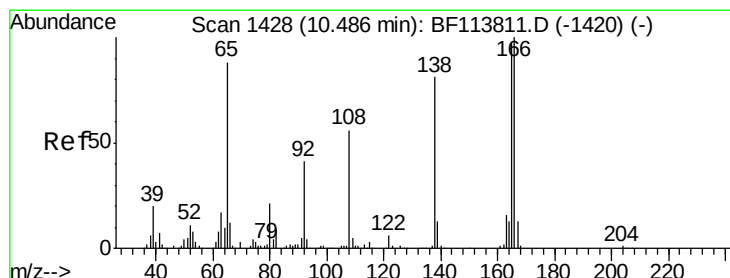
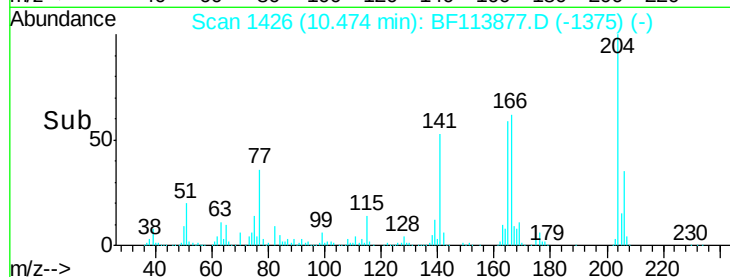
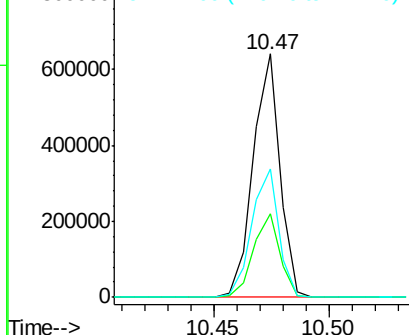
#61  
4-Chlorophenyl-phenylether  
Concen: 43.060 ng  
RT: 10.47 min Scan# 1426  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tot Ion:204 Resp: 519888  
Ion Ratio Lower Upper  
204 100  
206 34.6 27.4 41.2  
141 52.7 42.6 63.8

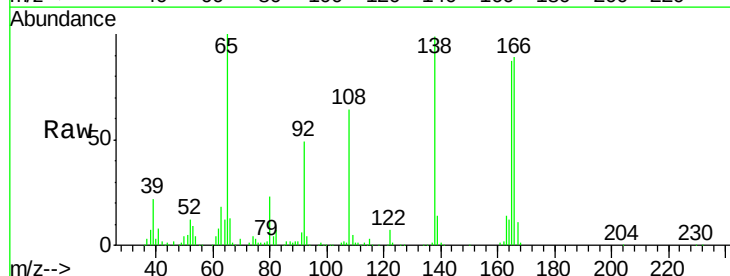


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

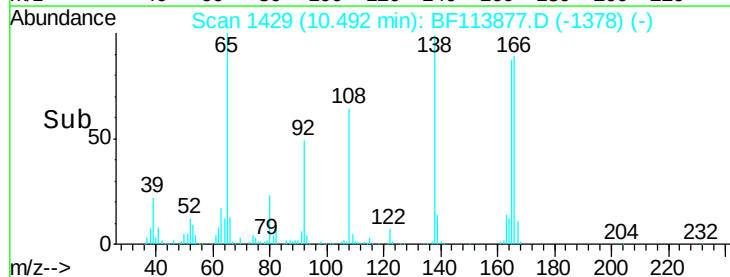
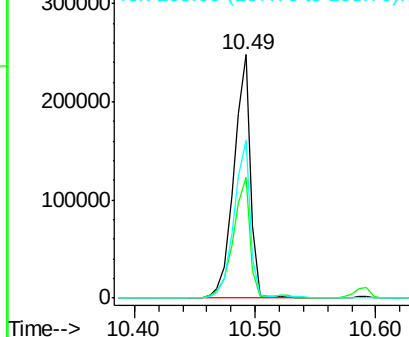


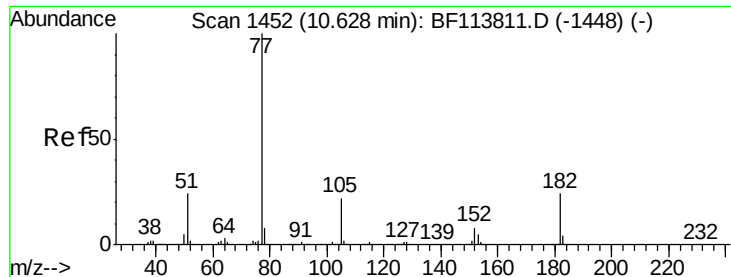
#62  
4-Nitroaniline  
Concen: 40.664 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

Tgt Ion:138 Resp: 237494  
Ion Ratio Lower Upper  
138 100  
92 49.5 31.3 71.3  
108 64.7 48.9 88.9



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: 39.254 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 1004402

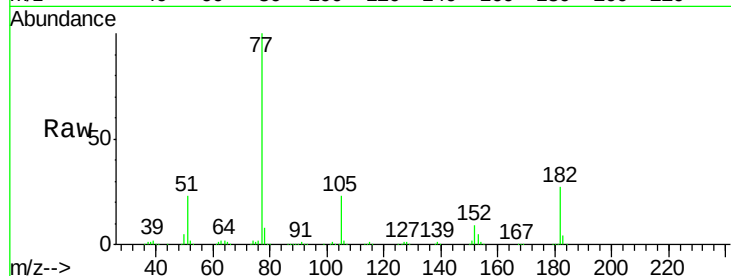
Ion Ratio Lower Upper

77 100

182 26.9 4.4 44.4

105 22.6 2.2 42.2

51 23.4 3.9 43.9

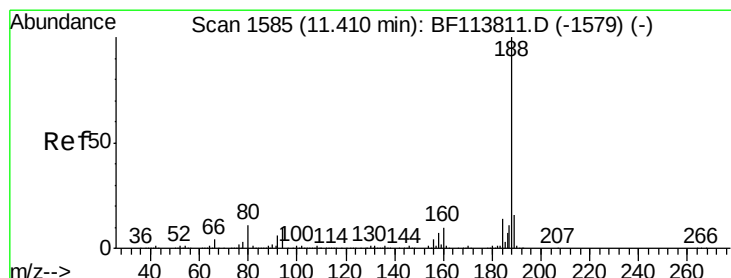
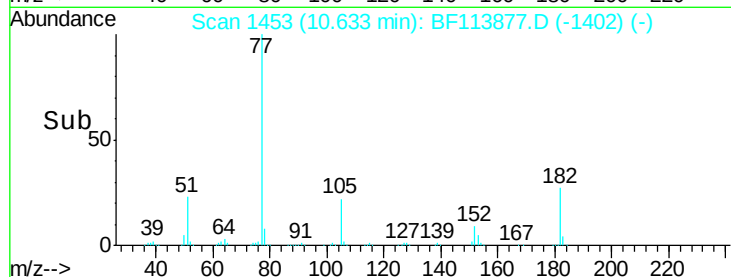
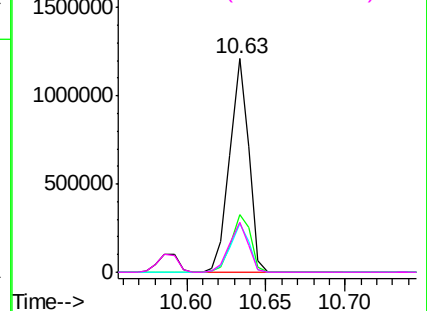


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

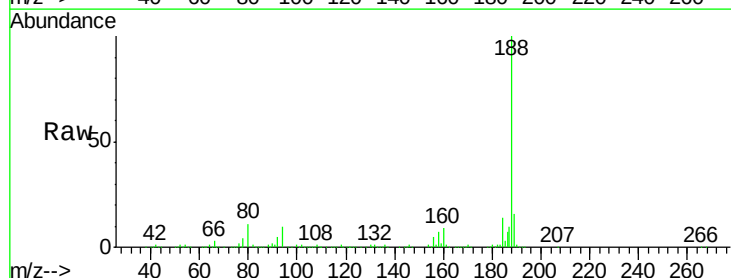
Tgt Ion: 188 Resp: 723422

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

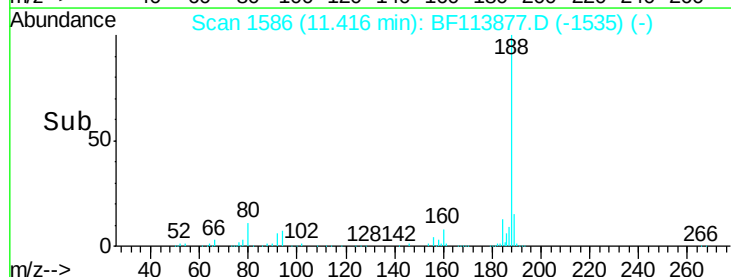
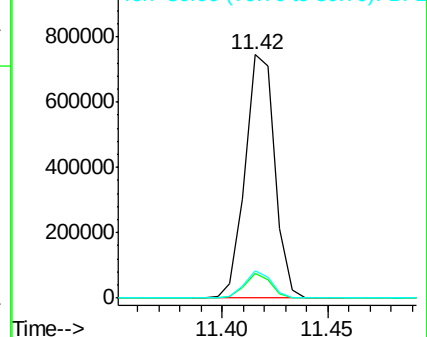
80 11.2 9.0 13.6

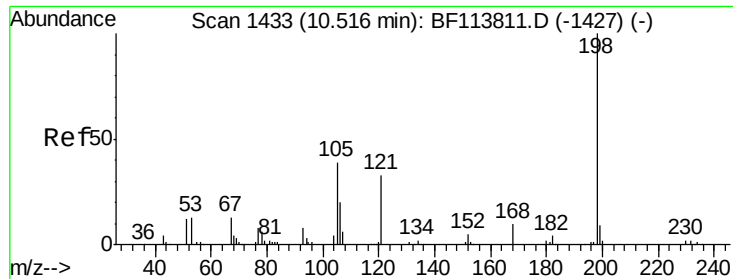


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.509 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

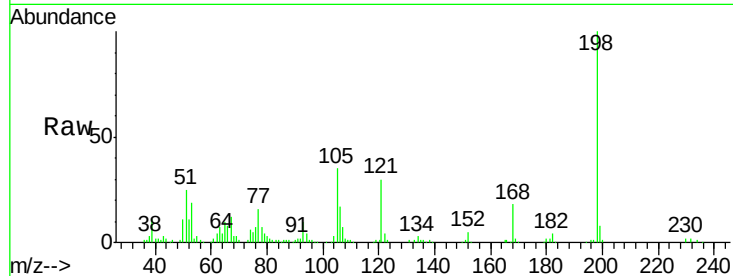
Tot Ion:198 Resp: 119255

Ion Ratio Lower Upper

198 100

51 24.9 11.1 51.1

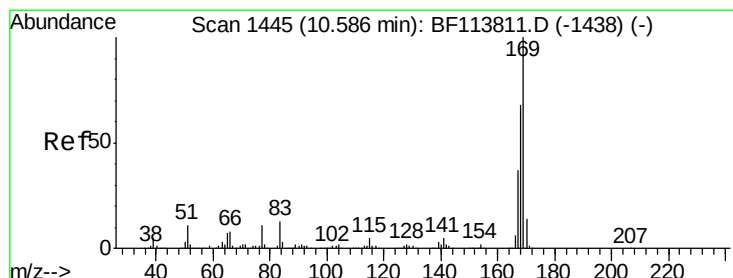
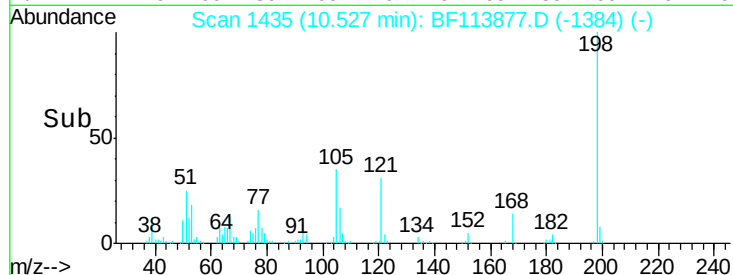
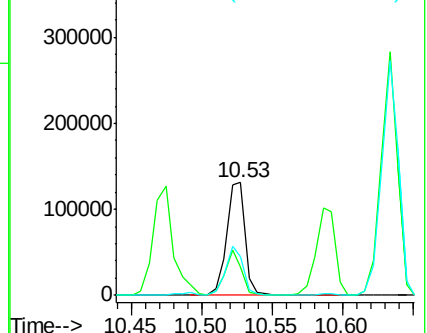
105 34.7 20.7 60.7



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: 39.675 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

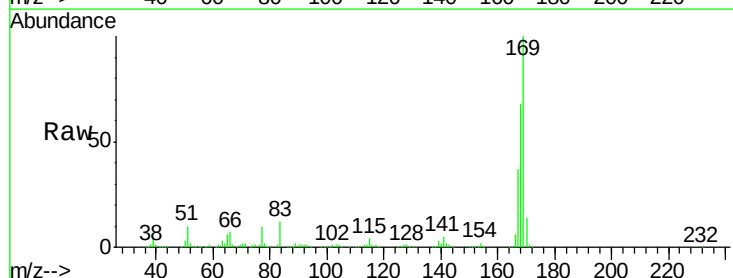
Tgt Ion:169 Resp: 870032

Ion Ratio Lower Upper

169 100

168 67.6 54.3 81.5

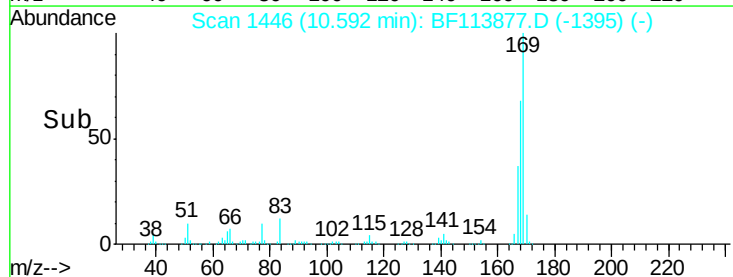
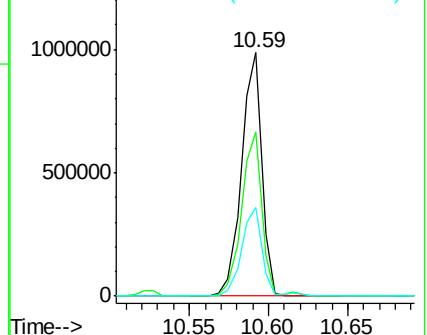
167 36.7 29.4 44.0

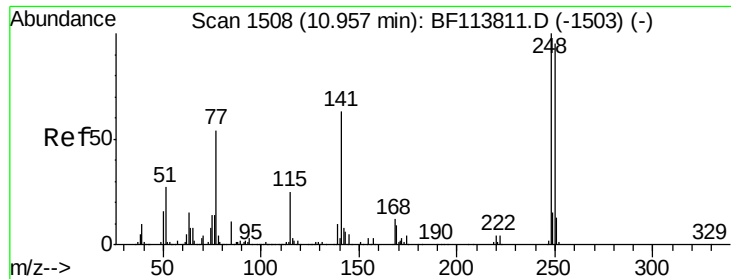


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

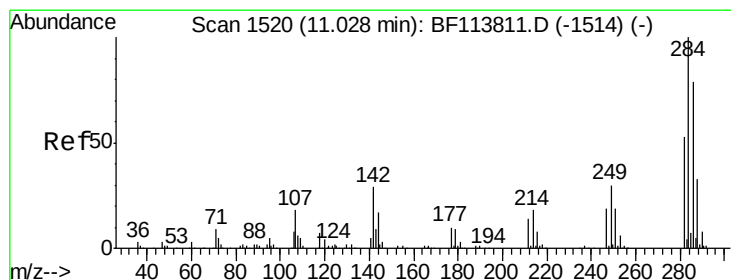
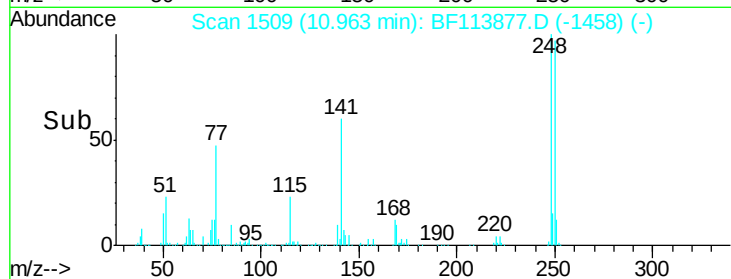
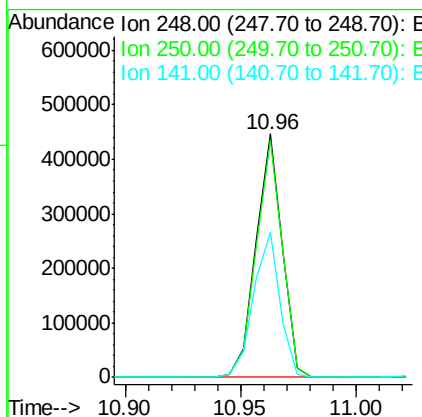
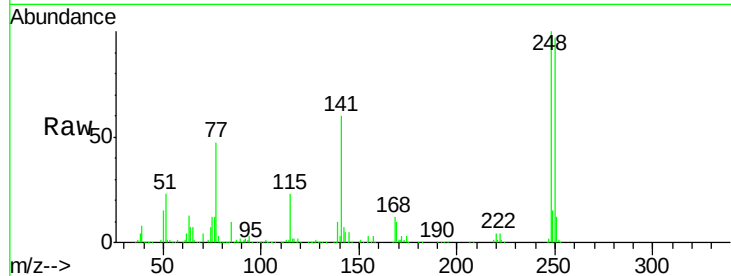




#67  
4-Bromophenyl-phenylether  
Concen: 41.604 ng  
RT: 10.96 min Scan# 1509  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

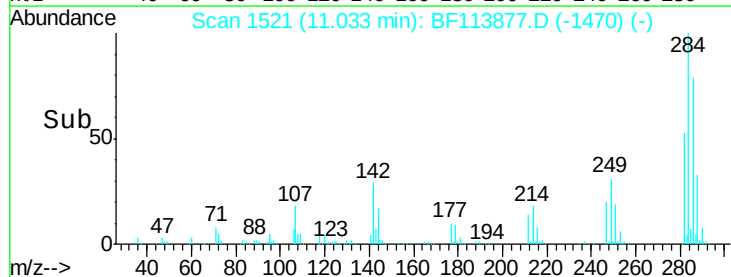
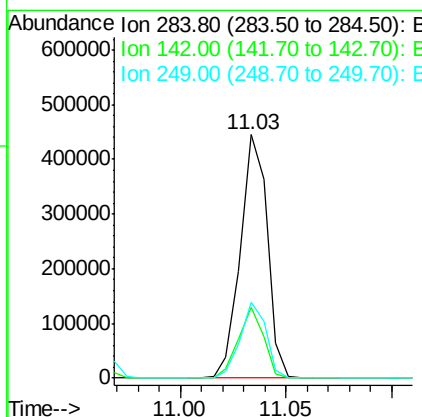
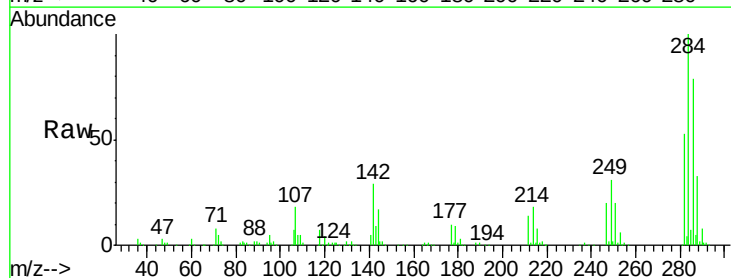
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

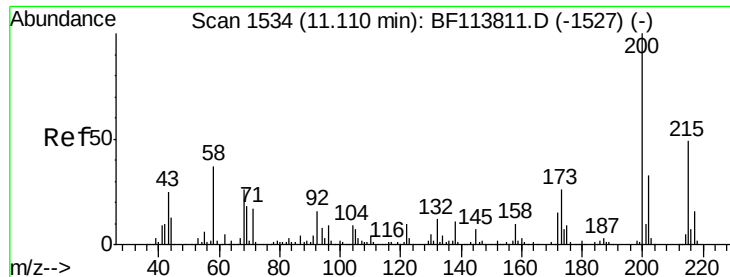
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.3  | 75.8  | 113.6 |
| 141     | 59.6  | 50.2  | 75.4  |



#68  
Hexachlorobenzene  
Concen: 42.059 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.3  | 23.0  | 34.4  |
| 249     | 31.2  | 24.4  | 36.6  |

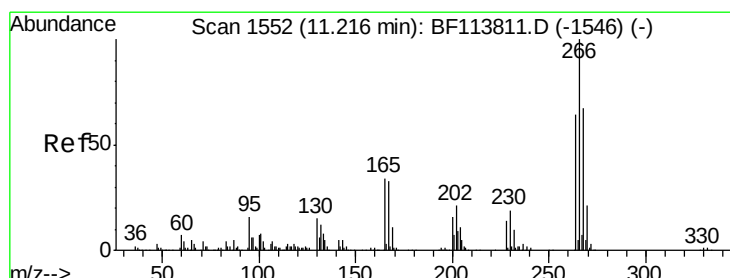
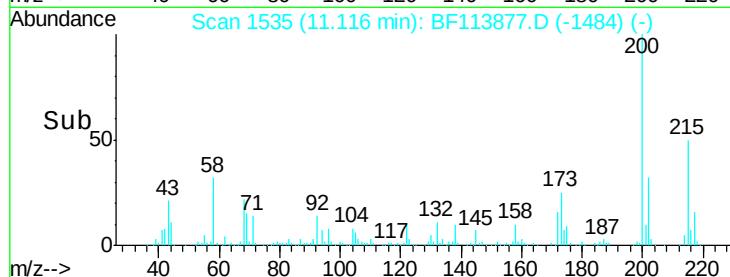
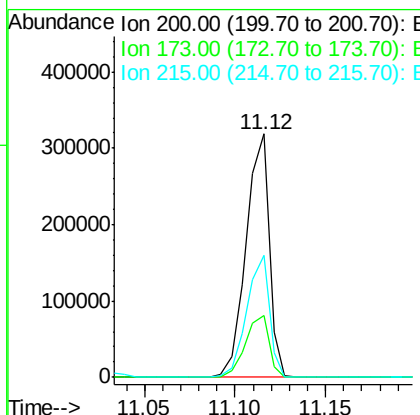
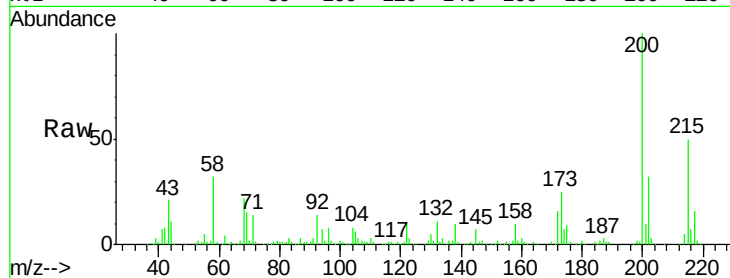




#69  
 Atrazine  
 Concen: 41.624 ng  
 RT: 11.12 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: BF113877.D  
 Acq: 22 Apr 2019 13:40

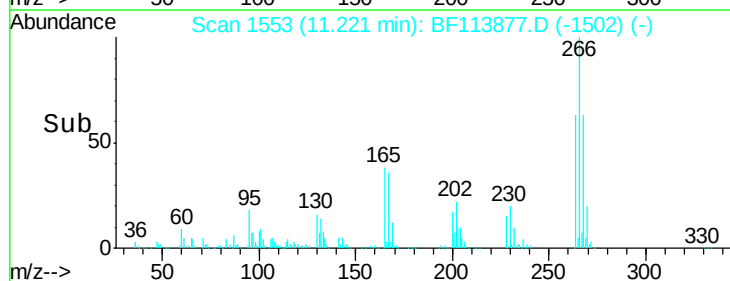
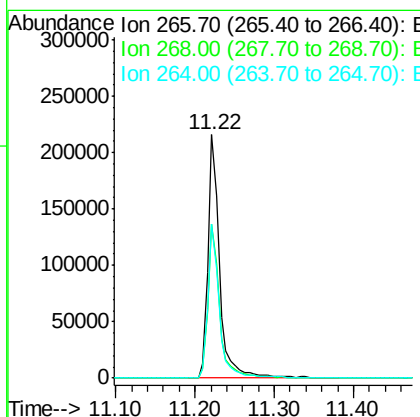
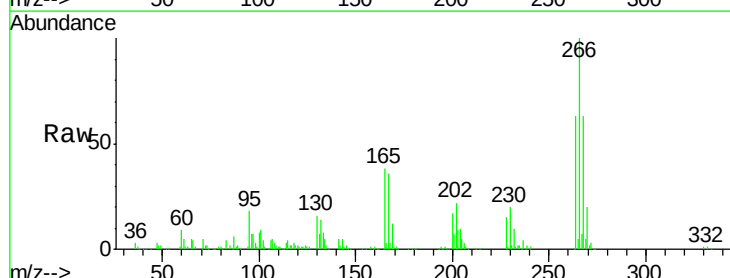
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

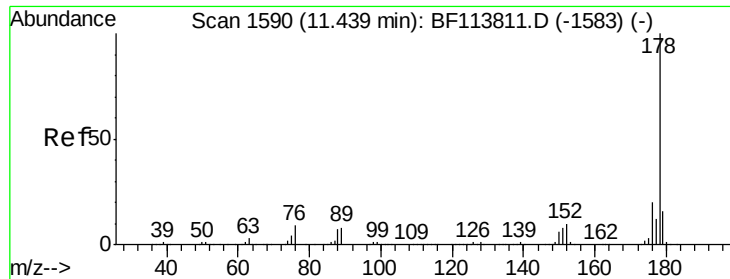
Tot Ion:200 Resp: 282403  
 Ion Ratio Lower Upper  
 200 100  
 173 25.3 5.9 45.9  
 215 50.2 29.3 69.3



#70  
 Pentachlorophenol  
 Concen: 41.980 ng  
 RT: 11.22 min Scan# 1553  
 Delta R.T. 0.00 min  
 Lab File: BF113877.D  
 Acq: 22 Apr 2019 13:40

Tgt Ion:266 Resp: 222341  
 Ion Ratio Lower Upper  
 266 100  
 268 63.1 53.5 80.3  
 264 63.2 51.0 76.6





#71

Phenanthrene

Concen: 40.160 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

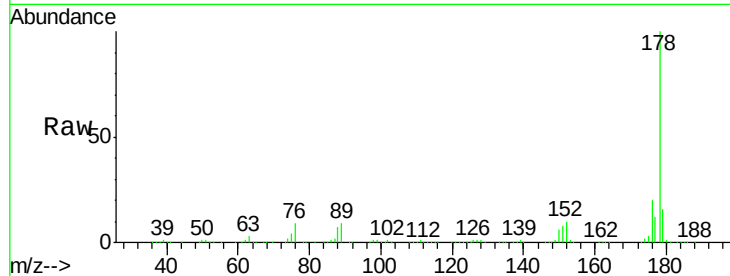
Tot Ion:178 Resp: 1479663

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

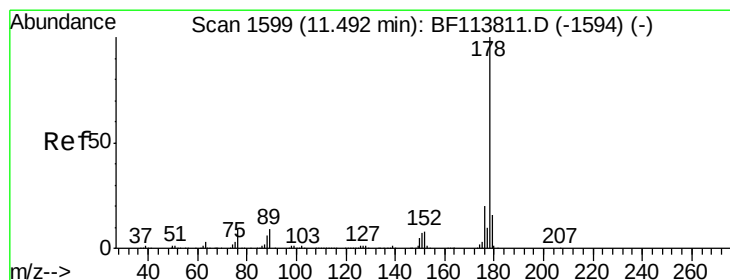
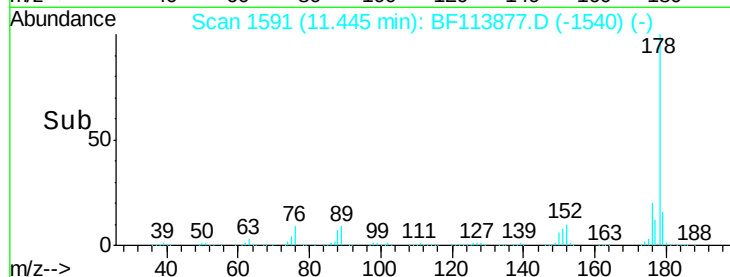
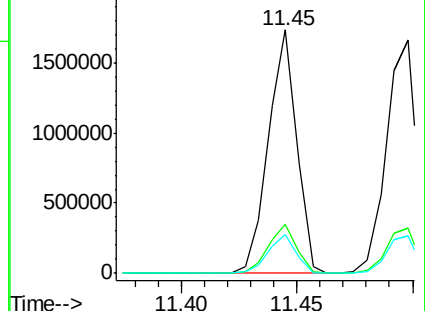
179 16.0 12.8 19.2



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: 40.312 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

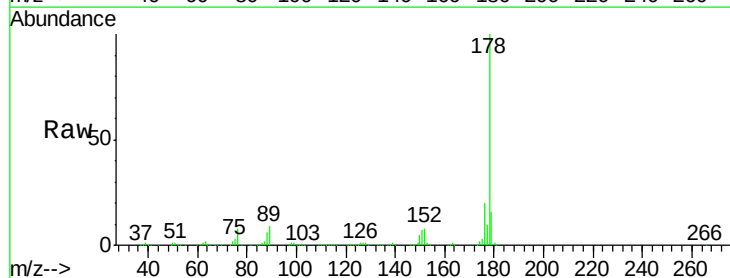
Tgt Ion:178 Resp: 1496717

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

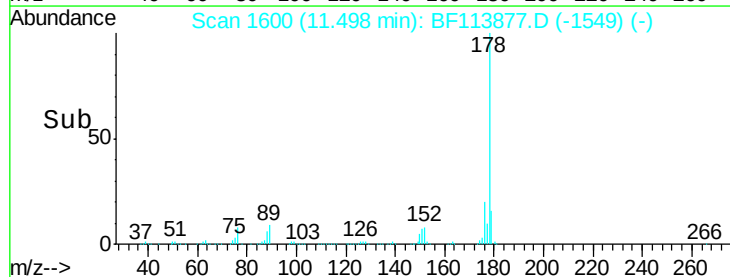
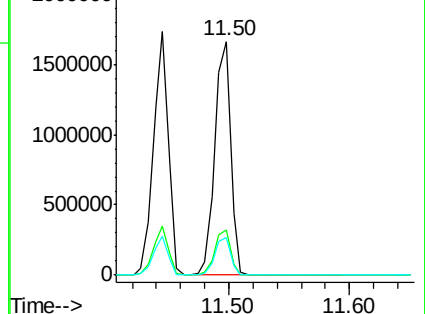
179 16.1 13.0 19.4



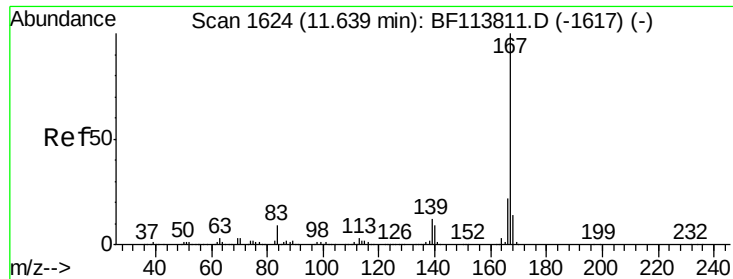
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



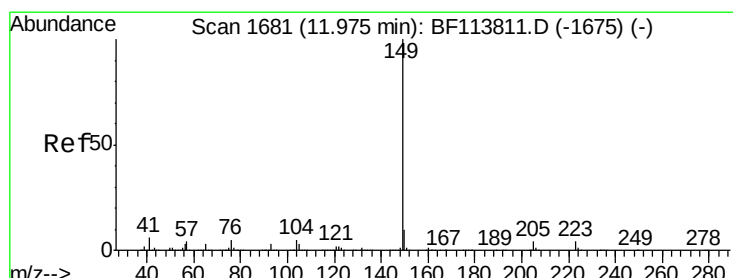
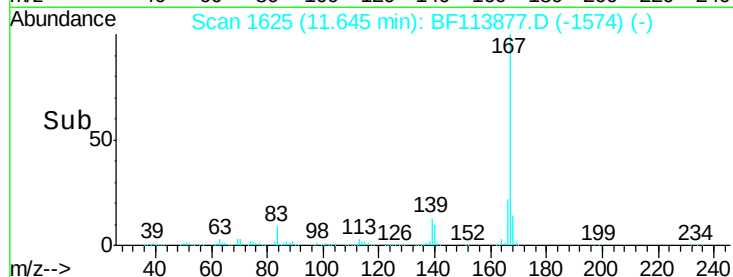
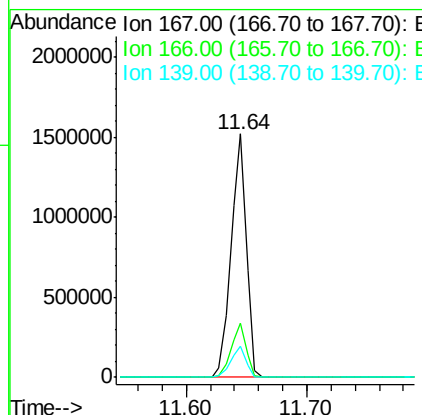
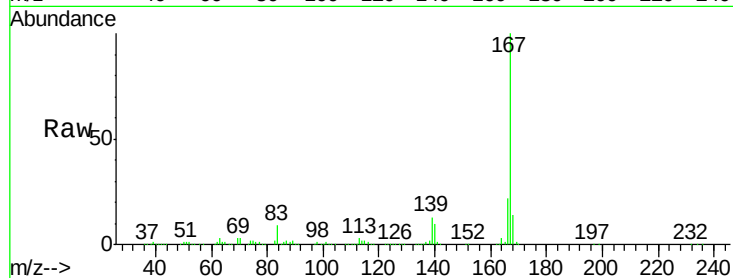




#73  
 Carbazole  
 Concen: 39.543 ng  
 RT: 11.64 min Scan# 1625  
 Delta R.T. 0.00 min  
 Lab File: BF113877.D  
 Acq: 22 Apr 2019 13:40

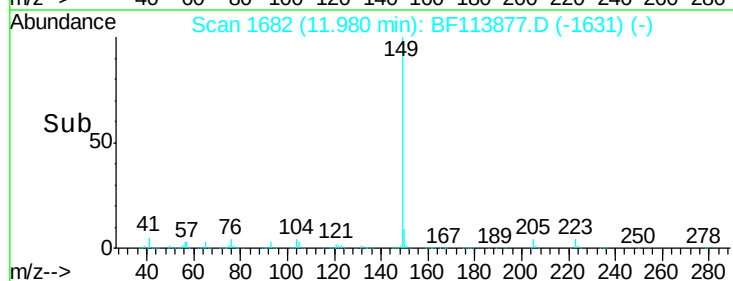
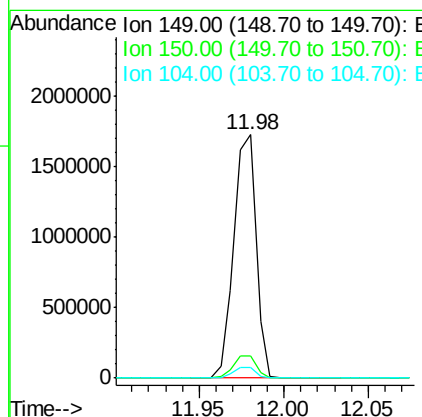
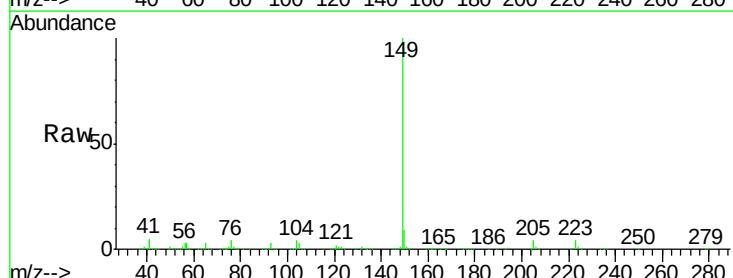
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

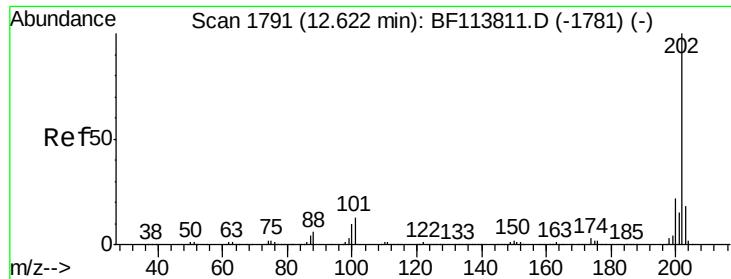
Tot Ion:167 Resp: 1332963  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.7 26.5  
 139 12.9 10.0 15.0



#74  
 Di-n-butylphthalate  
 Concen: 42.198 ng  
 RT: 11.98 min Scan# 1682  
 Delta R.T. 0.00 min  
 Lab File: BF113877.D  
 Acq: 22 Apr 2019 13:40

Tgt Ion:149 Resp: 1583169  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.8 11.8  
 104 4.5 3.8 5.8

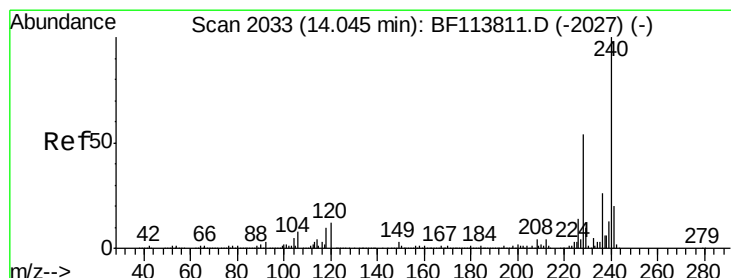
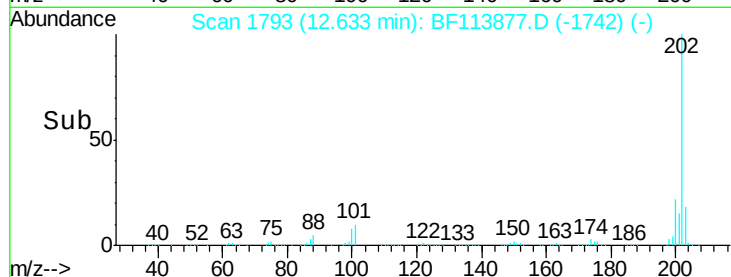
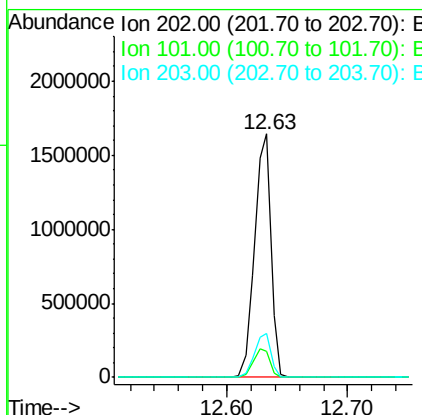
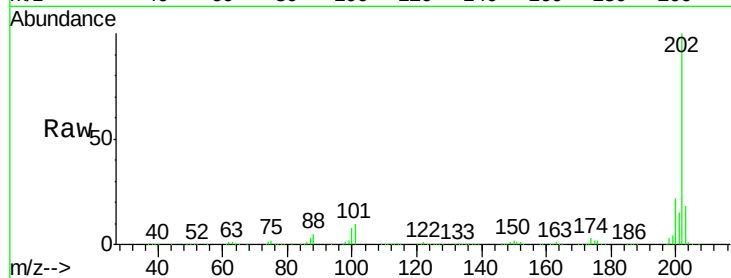




#75  
Fluoranthene  
Concen: 39.982 ng  
RT: 12.63 min Scan# 1793  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

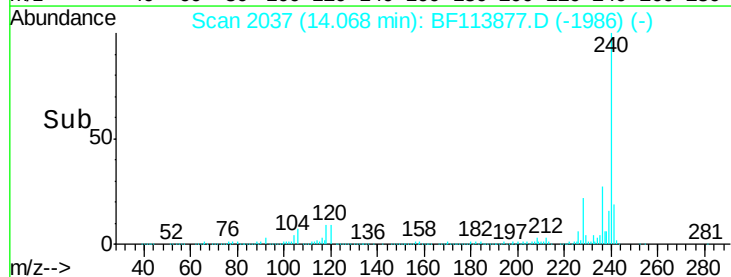
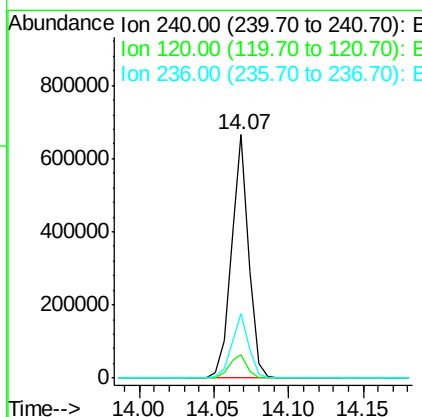
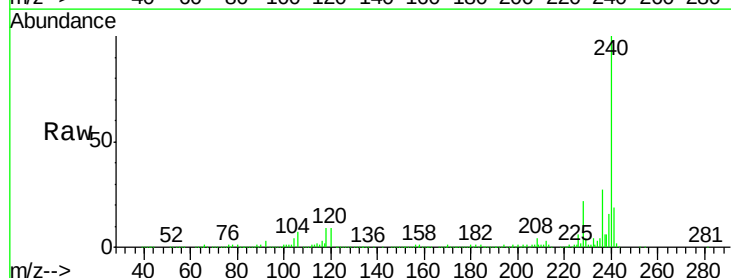
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

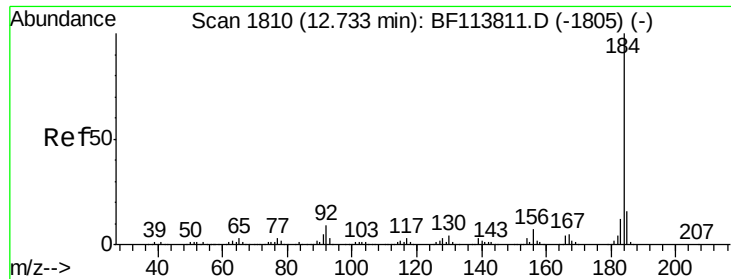
Tot Ion:202 Resp: 1561206  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 32.9  
203 18.3 0.0 38.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.07 min Scan# 2037  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

Tgt Ion:240 Resp: 543873  
Ion Ratio Lower Upper  
240 100  
120 9.4 9.3 13.9  
236 26.7 21.2 31.8





#77

Benzidine

Concen: 38.373 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

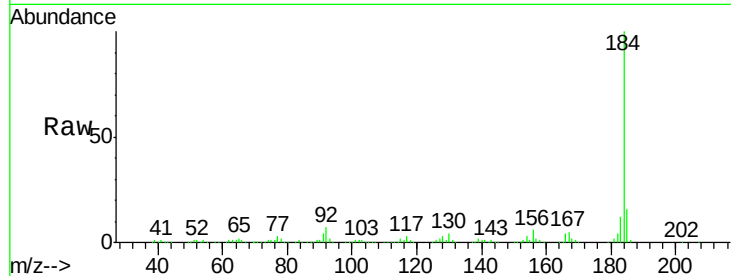
Tot Ion:184 Resp: 604151

Ion Ratio Lower Upper

184 100

185 16.4 13.0 19.6

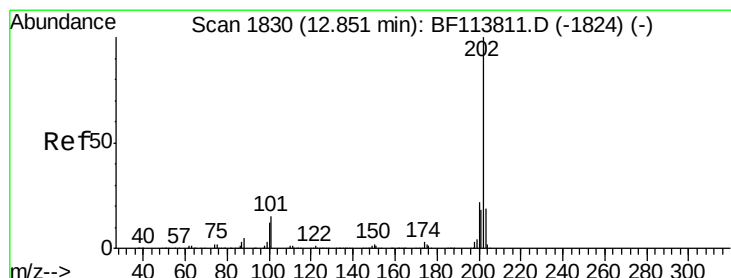
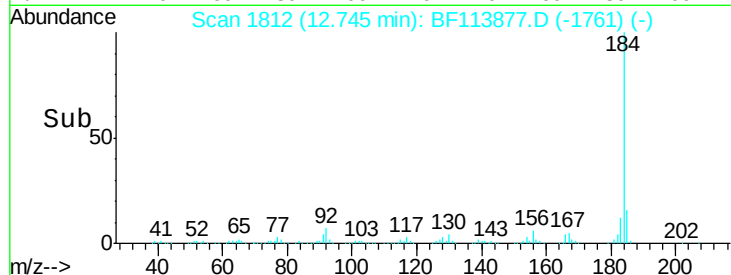
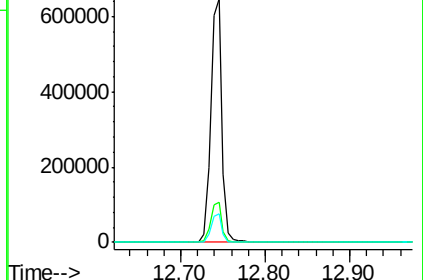
183 11.8 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.675 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

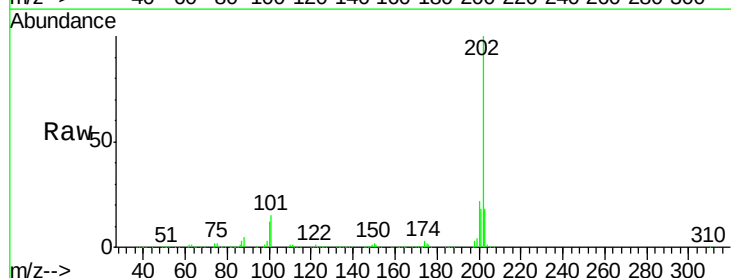
Tgt Ion:202 Resp: 1559081

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

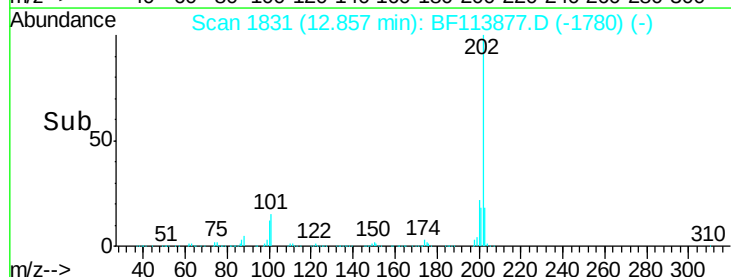
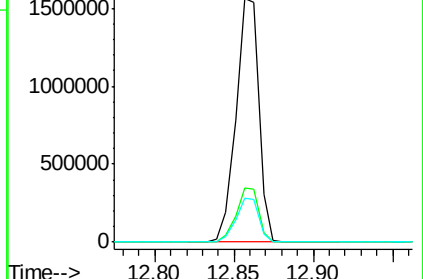
203 18.3 15.0 22.6

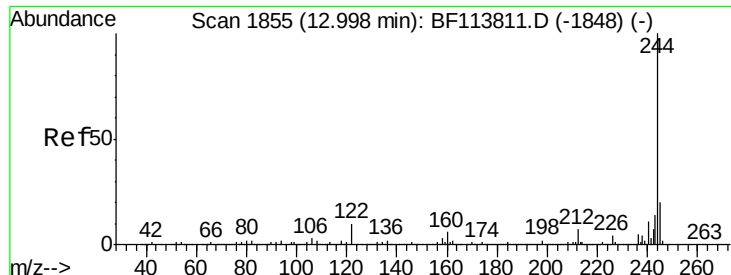


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.220 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

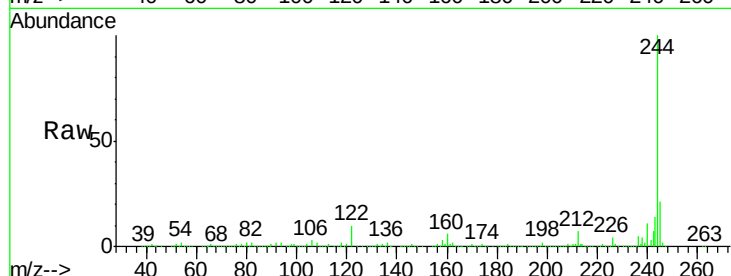
Tot Ion:244 Resp: 2184370

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

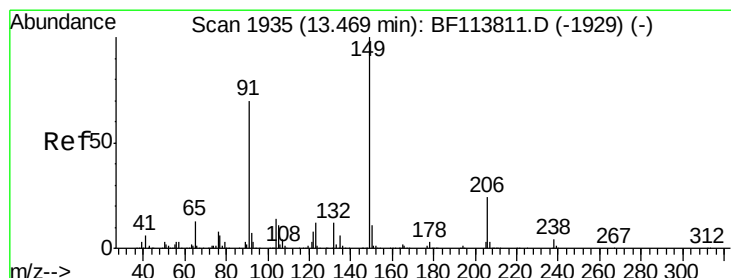
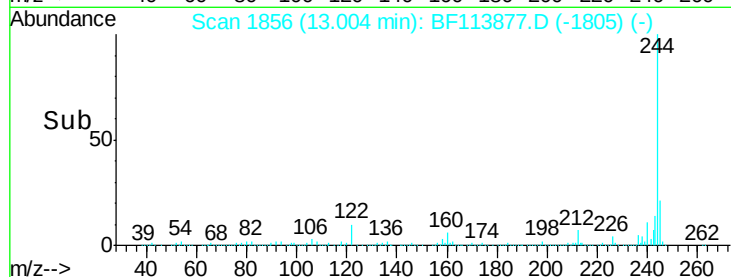
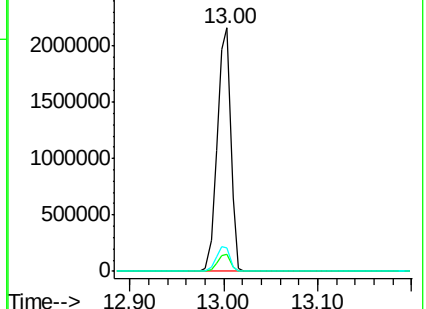
122 9.7 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.655 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

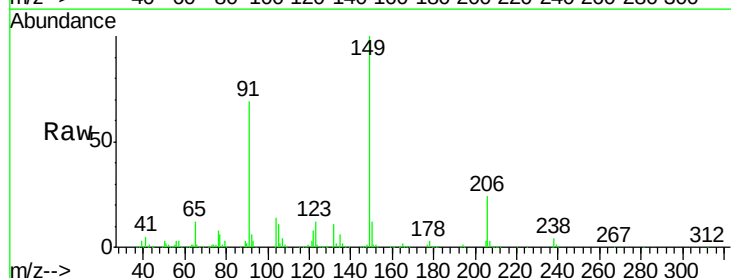
Tgt Ion:149 Resp: 605659

Ion Ratio Lower Upper

149 100

91 68.5 56.3 84.5

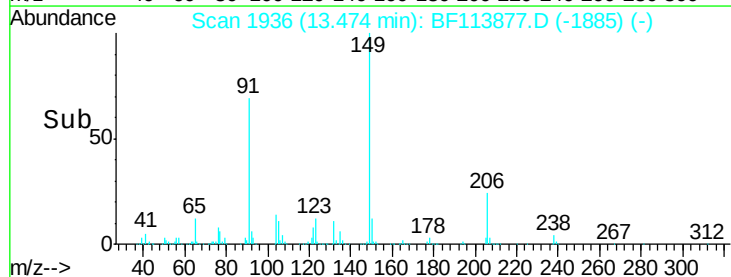
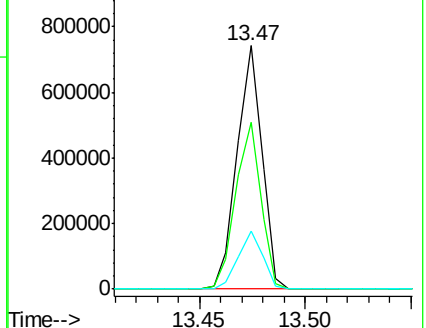
206 23.7 19.0 28.6

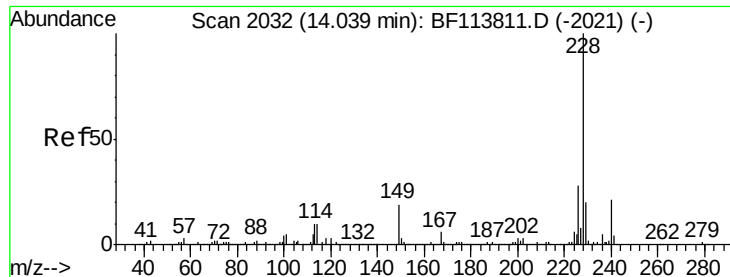


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.651 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

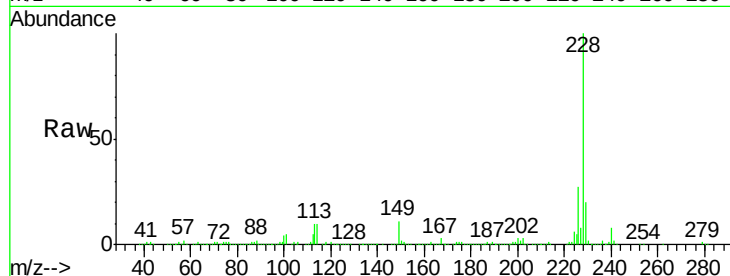
Tot Ion:228 Resp: 1292372

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

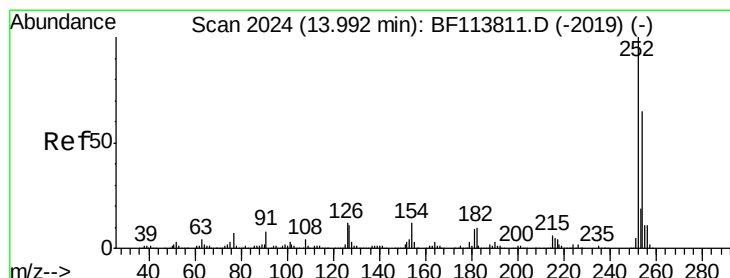
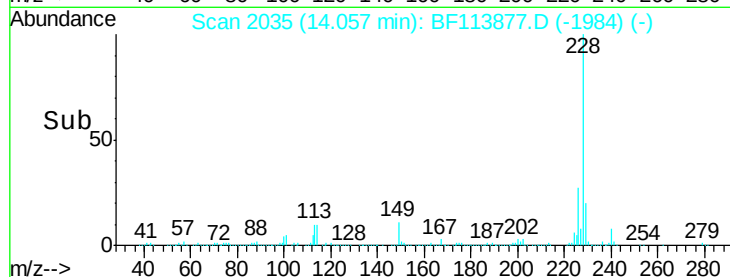
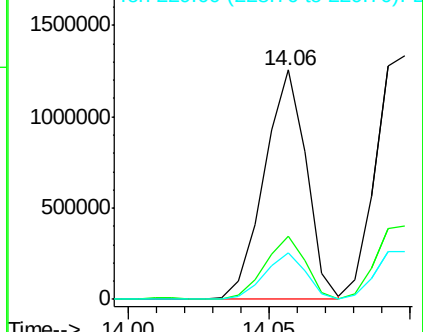
229 20.2 16.0 24.0



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



#82

3,3'-Dichlorobenzidine

Concen: 43.251 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

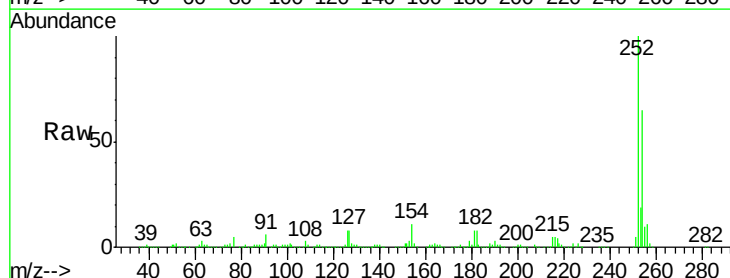
Tgt Ion:252 Resp: 488724

Ion Ratio Lower Upper

252 100

254 64.5 52.1 78.1

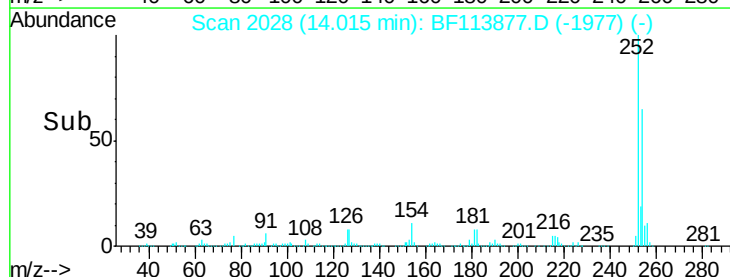
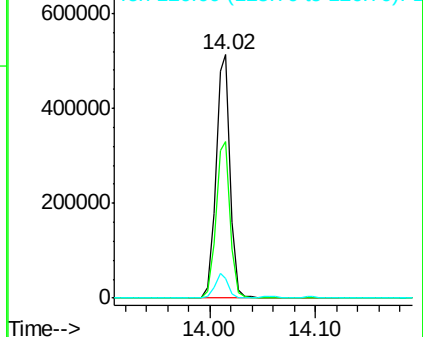
126 8.3 9.3 13.9#

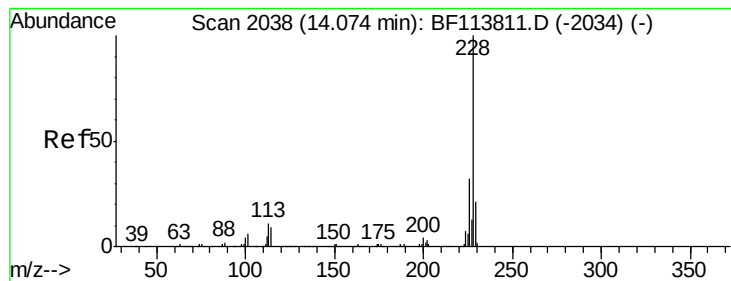


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.078 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

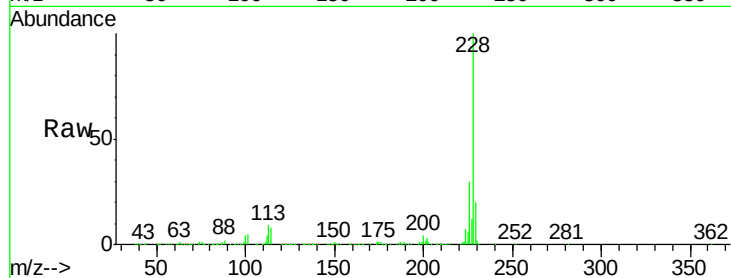
Tot Ion:228 Resp: 1264699

Ion Ratio Lower Upper

228 100

226 30.4 25.2 37.8

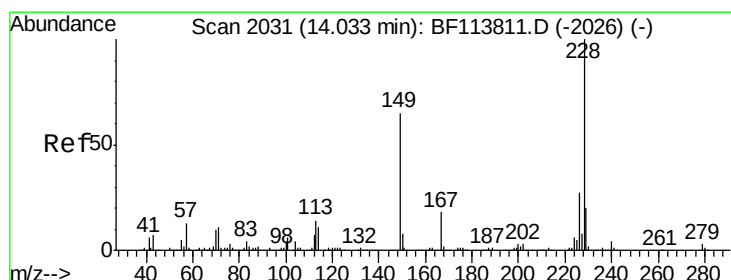
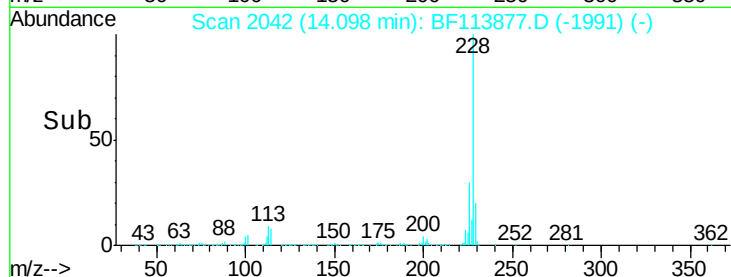
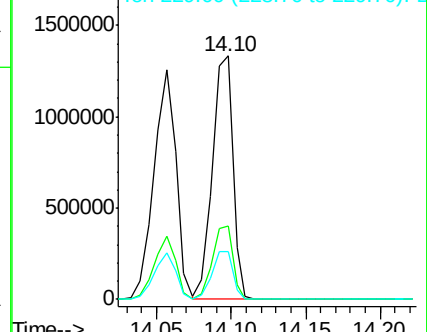
229 19.8 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.981 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

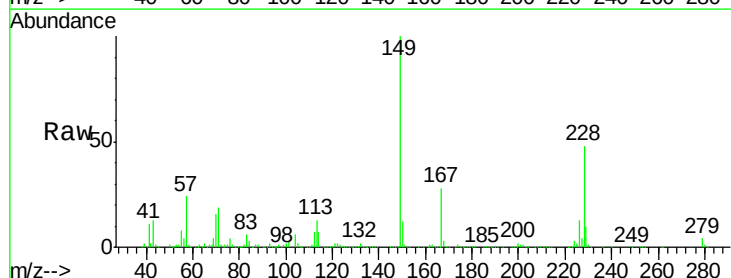
Tgt Ion:149 Resp: 764068

Ion Ratio Lower Upper

149 100

167 28.5 22.9 34.3

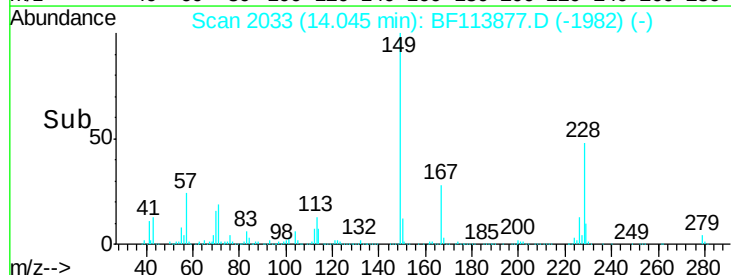
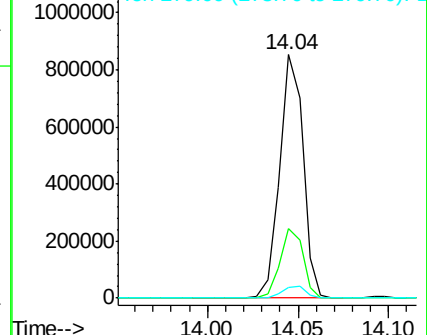
279 4.5 4.2 6.2

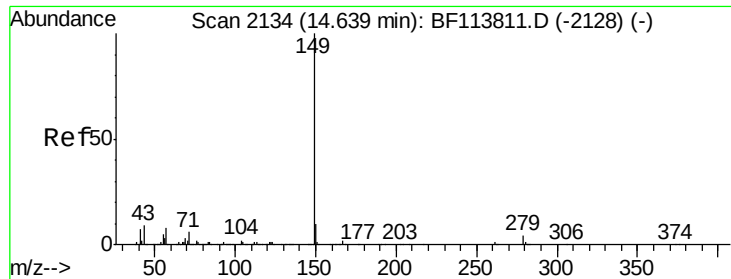


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.424 ng

RT: 14.69 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

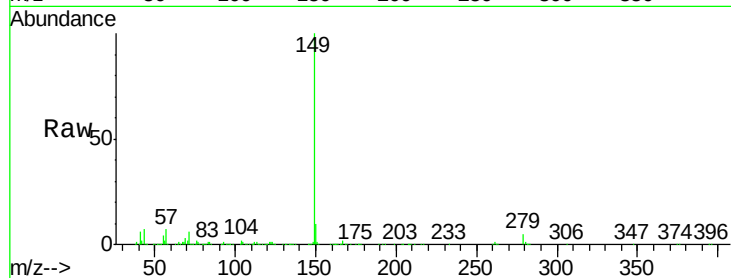
Tot Ion:149 Resp: 1197177

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

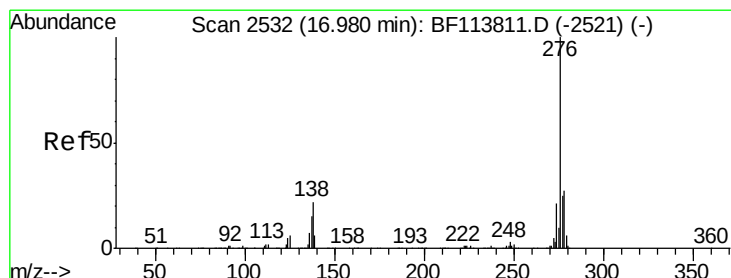
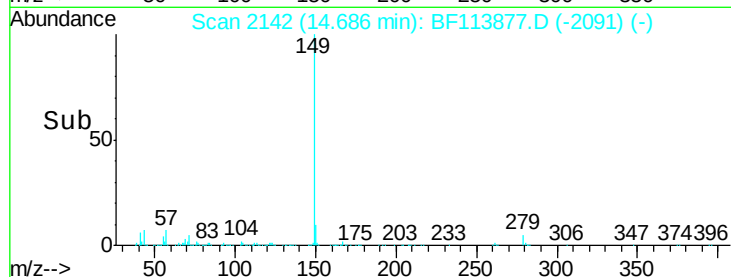
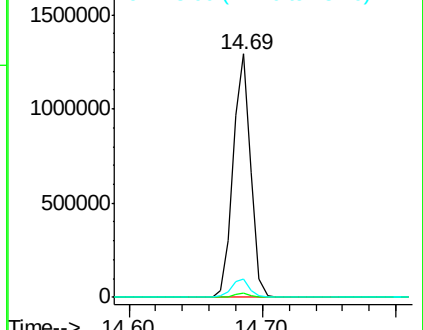
43 7.6 6.6 10.0



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: 43.036 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

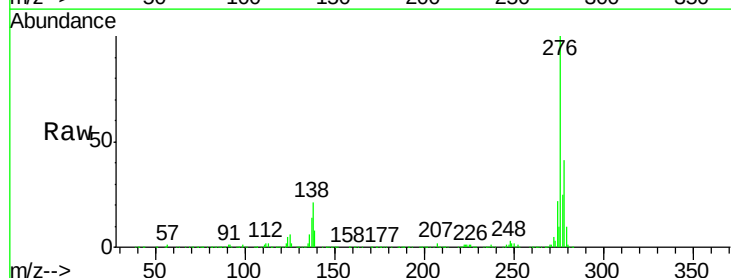
Tgt Ion:276 Resp: 1108644

Ion Ratio Lower Upper

276 100

138 22.5 19.6 29.4

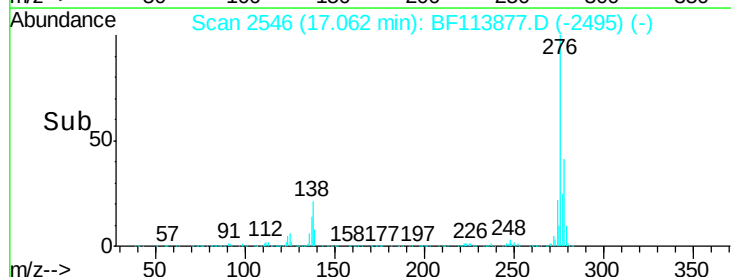
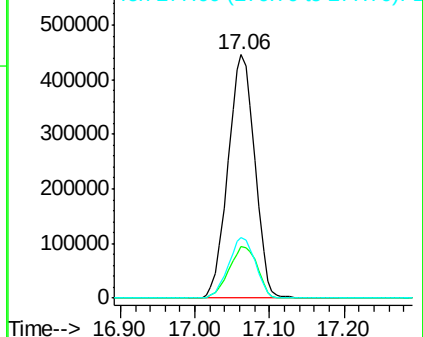
277 25.2 20.2 30.4

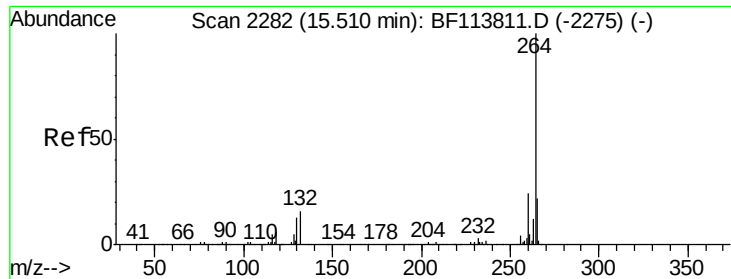


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

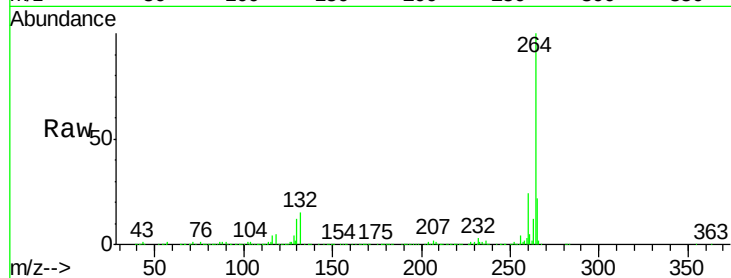
Tot Ion:264 Resp: 446689

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

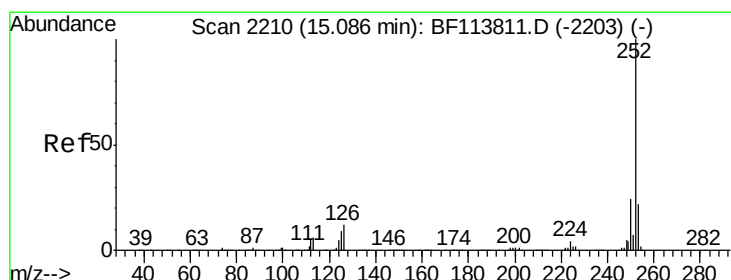
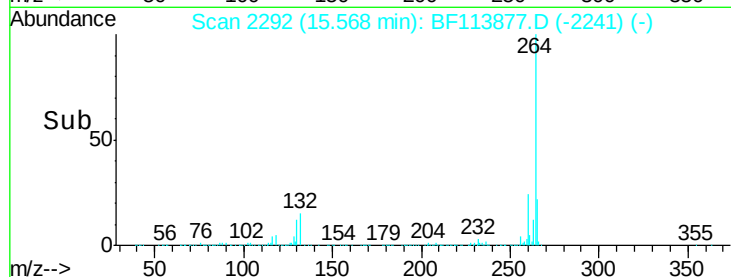
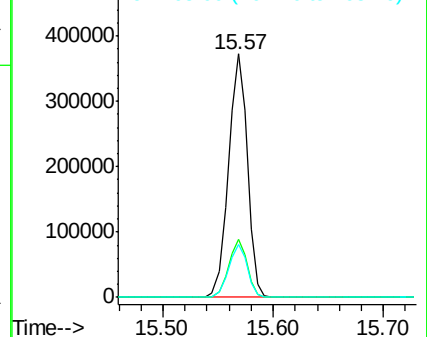
265 22.0 17.3 25.9



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: 40.426 ng

RT: 15.14 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

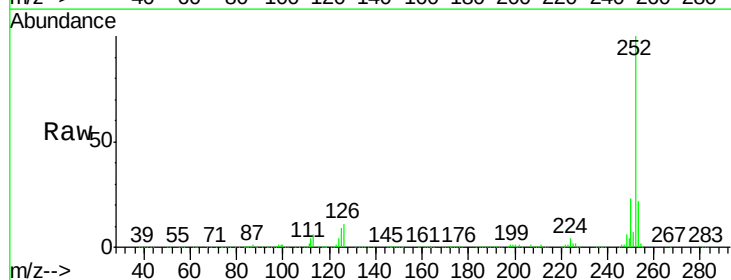
Tgt Ion:252 Resp: 1125735

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

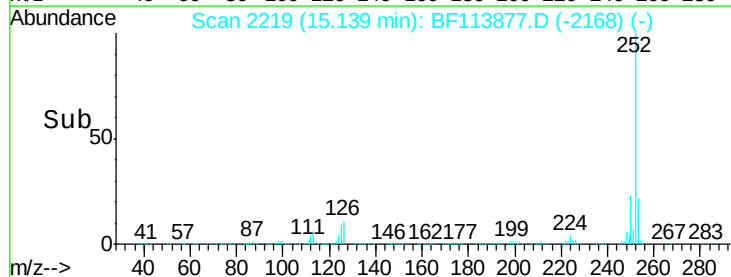
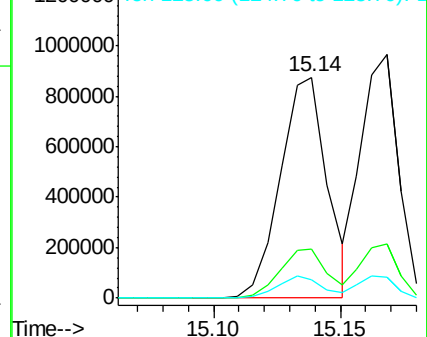
125 8.6 7.0 10.6



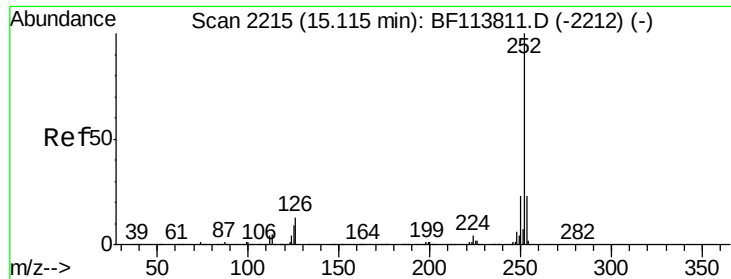
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



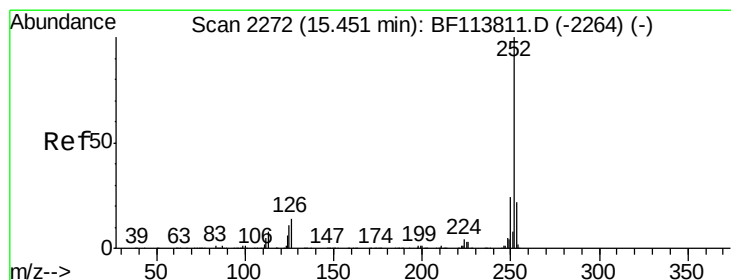
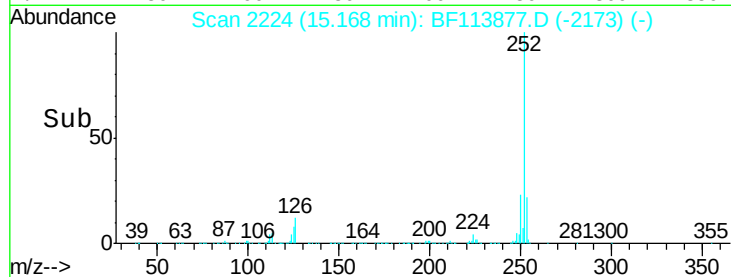
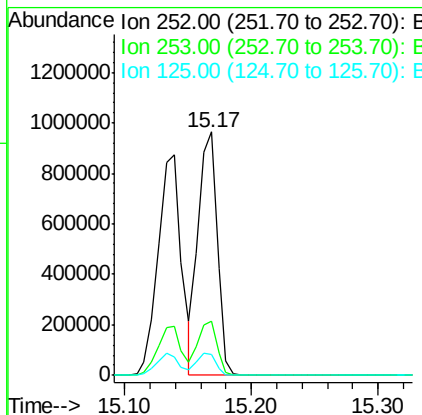
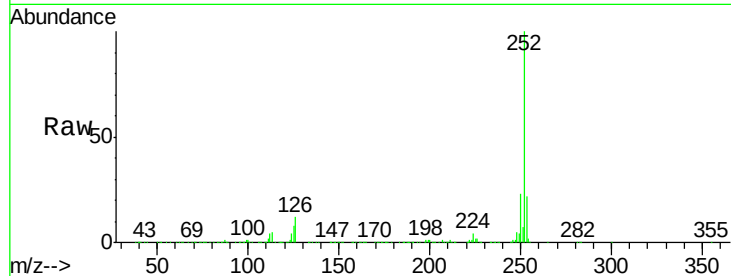




#89  
Benzo(k)fluoranthene  
Concen: 39.502 ng  
RT: 15.17 min Scan# 2224  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

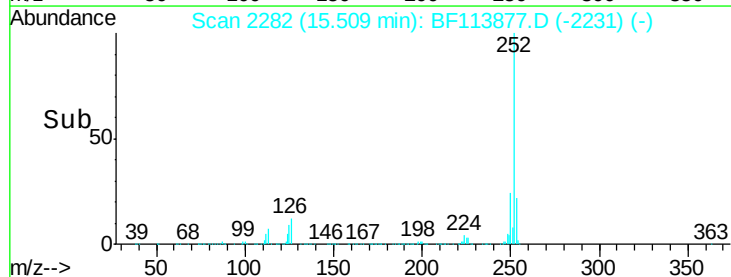
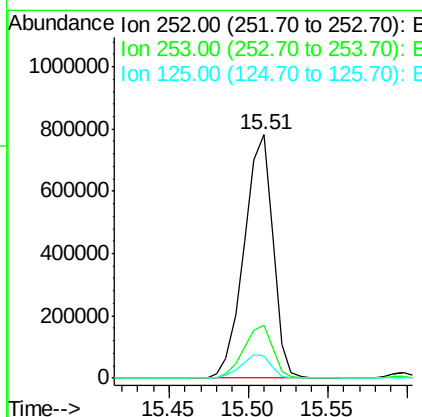
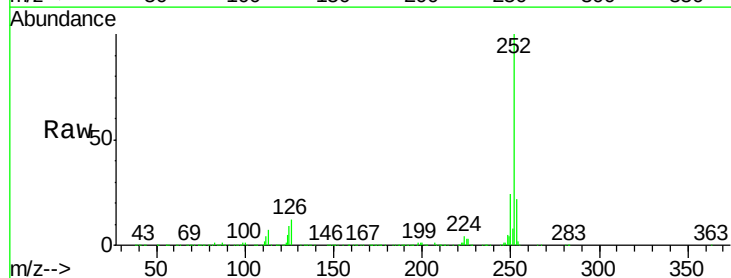
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

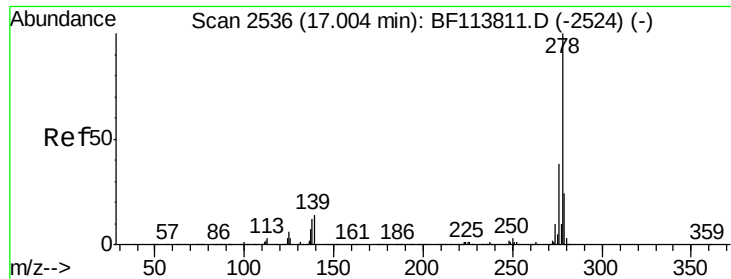
Tot Ion:252 Resp: 1001893  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.2 27.2  
125 8.4 7.4 11.2



#90  
Benzo(a)pyrene  
Concen: 40.113 ng  
RT: 15.51 min Scan# 2282  
Delta R.T. 0.00 min  
Lab File: BF113877.D  
Acq: 22 Apr 2019 13:40

Tgt Ion:252 Resp: 987691  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 9.3 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 41.654 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

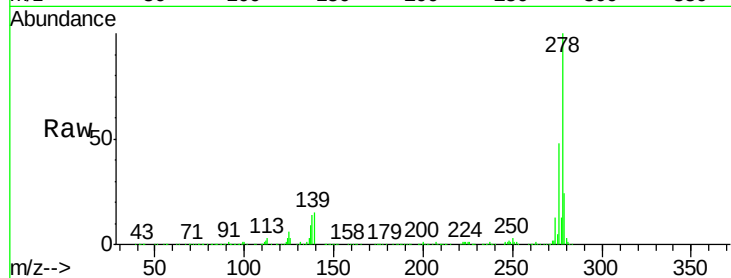
Tot Ion:278 Resp: 912589

Ion Ratio Lower Upper

278 100

139 14.8 11.6 17.4

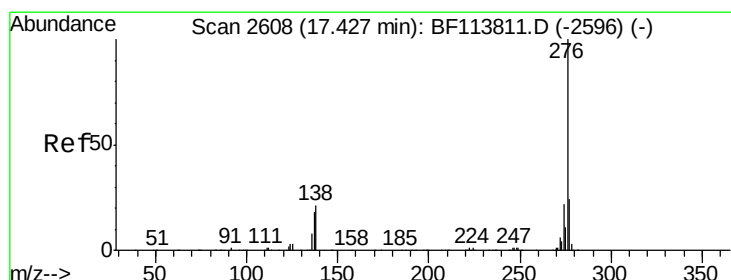
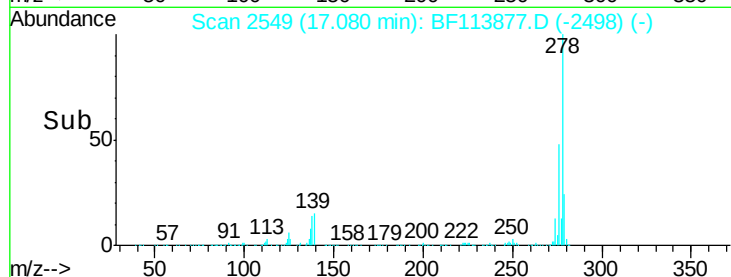
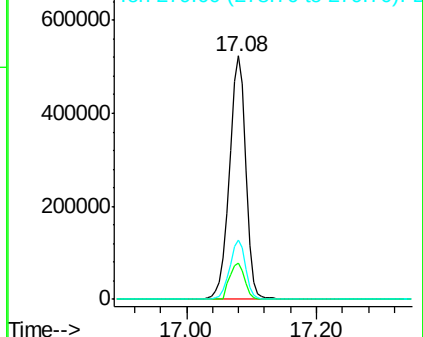
279 24.2 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.904 ng

RT: 17.52 min Scan# 2623

Delta R.T. 0.00 min

Lab File: BF113877.D

Acq: 22 Apr 2019 13:40

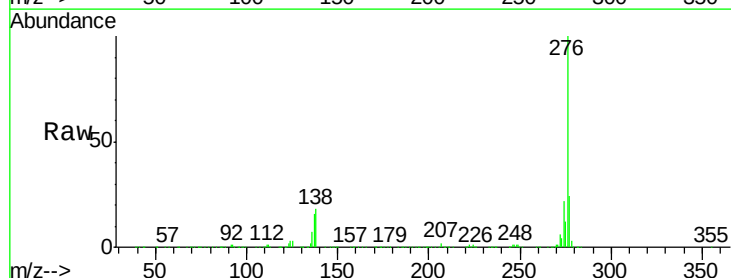
Tgt Ion:276 Resp: 910877

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.4

138 18.5 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

