

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041619\  
 Data File : BF113785.D  
 Acq On : 16 Apr 2019 11:01  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 16 17:28:27 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 16 17:22:45 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.67  | 152  | 171100   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.96  | 136  | 666170   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.71  | 164  | 325895   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.19 | 188  | 648530   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.83 | 240  | 488536   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.24 | 264  | 374992   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.29  | 112  | 831231   | 82.84 | ng    | 0.00     |
| 7) Phenol-d6                | 6.34  | 99   | 995216   | 80.48 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.25  | 82   | 937960   | 82.47 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.50 | 330  | 318341   | 81.32 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.03  | 172  | 1630150  | 80.53 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.77 | 244  | 1762760  | 73.46 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.33 | 88   | 186042   | 39.148 | ng    | 100    |
| 3) Pyridine                    | 3.02 | 79   | 484055   | 38.921 | ng    | 100    |
| 4) n-Nitrosodimethylamine      | 2.99 | 42   | 221887   | 41.991 | ng    | 100    |
| 6) Aniline                     | 6.34 | 93   | 617342   | 41.183 | ng    | 100    |
| 8) 2-Chlorophenol              | 6.47 | 128  | 481184   | 41.449 | ng    | 100    |
| 9) Benzaldehyde                | 6.23 | 77   | 320587   | 43.598 | ng    | 100    |
| 10) Phenol                     | 6.36 | 94   | 586754   | 41.543 | ng    | 100    |
| 11) bis(2-Chloroethyl)ether    | 6.42 | 93   | 449262   | 40.891 | ng    | 100    |
| 12) 1,3-Dichlorobenzene        | 6.62 | 146  | 511707   | 40.930 | ng    | 100    |
| 13) 1,4-Dichlorobenzene        | 6.69 | 146  | 515465   | 40.801 | ng    | 100    |
| 14) 1,2-Dichlorobenzene        | 6.85 | 146  | 461208   | 40.444 | ng    | 100    |
| 15) Benzyl Alcohol             | 6.84 | 79   | 293505   | 35.101 | ng    | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 6.95 | 45   | 671822   | 39.284 | ng    | 100    |
| 17) 2-Methylphenol             | 6.96 | 107  | 390855   | 43.445 | ng    | 100    |
| 18) Hexachloroethane           | 7.18 | 117  | 183304   | 39.862 | ng    | 100    |
| 19) n-Nitroso-di-n-propylamine | 7.10 | 70   | 318193   | 41.725 | ng    | 100    |
| 20) 3+4-Methylphenols          | 7.12 | 107  | 486970   | 44.673 | ng    | 100    |
| 22) Acetophenone               | 7.09 | 105  | 615853   | 42.092 | ng    | 100    |
| 24) Nitrobenzene               | 7.27 | 77   | 488520   | 41.710 | ng    | 100    |
| 25) Isophorone                 | 7.51 | 82   | 874602   | 39.921 | ng    | 100    |
| 26) 2-Nitrophenol              | 7.58 | 139  | 269319   | 42.725 | ng    | 100    |
| 27) 2,4-Dimethylphenol         | 7.63 | 122  | 372607   | 41.347 | ng    | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.72 | 93   | 556531   | 40.180 | ng    | 100    |
| 29) 2,4-Dichlorophenol         | 7.84 | 162  | 410007   | 42.524 | ng    | 100    |
| 30) 1,2,4-Trichlorobenzene     | 7.90 | 180  | 428201   | 40.895 | ng    | 100    |
| 31) Naphthalene                | 7.98 | 128  | 1312674  | 40.668 | ng    | 100    |
| 32) Benzoic acid               | 7.82 | 122  | 266342   | 38.168 | ng    | 100    |
| 33) 4-Chloroaniline            | 8.04 | 127  | 572018   | 44.694 | ng    | 100    |
| 34) Hexachlorobutadiene        | 8.09 | 225  | 260165   | 40.755 | ng    | 100    |
| 35) Caprolactam                | 8.43 | 113  | 85114    | 27.809 | ng    | 100    |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107  | 419672   | 43.359 | ng    | 100    |
| 37) 2-Methylnaphthalene        | 8.67 | 142  | 868427   | 40.908 | ng    | 100    |
| 38) 1-Methylnaphthalene        | 8.77 | 142  | 831506   | 40.621 | ng    | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.84 | 216  | 429452   | 40.746 | ng    | 100    |

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 Data File : BF113785.D  
 Acq On : 16 Apr 2019 11:01  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

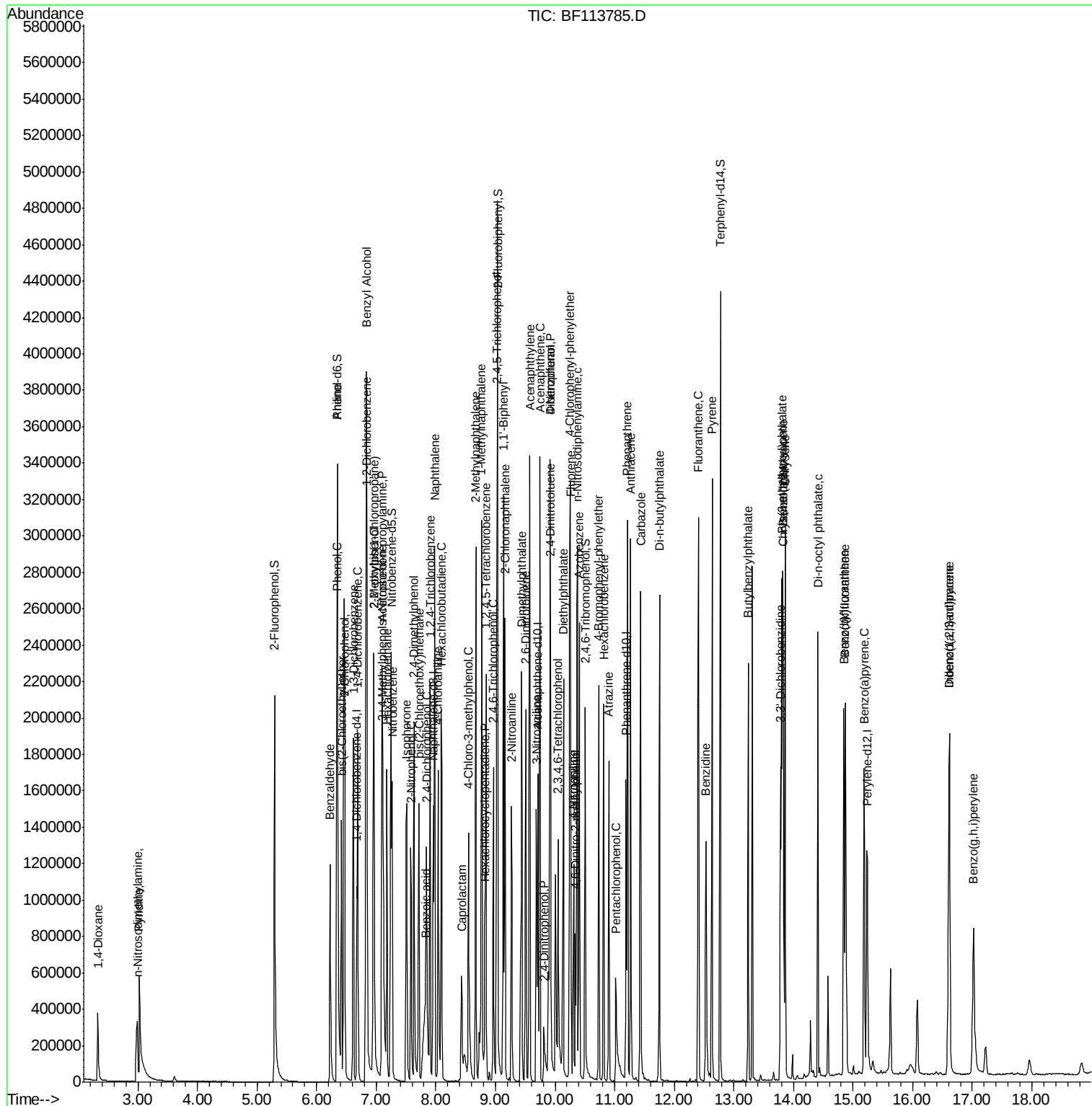
Instrument :  
 BNA\_F  
 ClientSampleId :

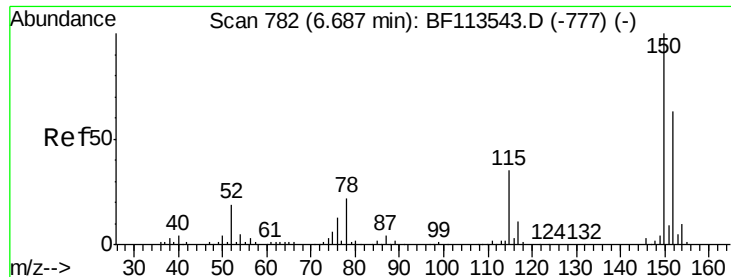
Quant Time: Apr 16 17:28:27 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 16 17:22:45 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.82  | 237  | 106165   | 37.346  | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 8.96  | 196  | 258410   | 38.841  | nq    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.02  | 196  | 255700   | 35.800  | nq    | 100      |
| 46) 1,1'-Biphenyl              | 9.13  | 154  | 1089972  | 40.531  | nq    | 100      |
| 47) 2-Chloronaphthalene        | 9.16  | 162  | 827047   | 40.619  | nq    | 100      |
| 48) 2-Nitroaniline             | 9.27  | 65   | 263620   | 42.312  | nq    | 100      |
| 49) Acenaphthylene             | 9.57  | 152  | 1289071  | 38.933  | nq    | 100      |
| 50) Dimethylphthalate          | 9.44  | 163  | 927364   | 38.603  | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.52  | 165  | 214854   | 40.574  | nq    | 100      |
| 52) Acenaphthene               | 9.75  | 154  | 761574   | 40.182  | nq    | 100      |
| 53) 3-Nitroaniline             | 9.69  | 138  | 255485   | 42.436  | nq    | 100      |
| 54) 2,4-Dinitrophenol          | 9.82  | 184  | 91203    | 36.814  | nq    | 100      |
| 55) Dibenzofuran               | 9.92  | 168  | 1126635  | 40.524  | nq    | 100      |
| 56) 4-Nitrophenol              | 9.92  | 139  | 666569   | 178.482 | nq    | # 18     |
| 57) 2,4-Dinitrotoluene         | 9.93  | 165  | 280377   | 43.780  | nq    | 100      |
| 58) Fluorene                   | 10.26 | 166  | 898108   | 40.843  | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.05 | 232  | 270826   | 43.805  | nq    | 100      |
| 60) Diethylphthalate           | 10.14 | 149  | 912927   | 39.416  | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.25 | 204  | 444212   | 41.071  | nq    | 100      |
| 62) 4-Nitroaniline             | 10.31 | 138  | 241853   | 39.505  | nq    | 100      |
| 63) Azobenzene                 | 10.41 | 77   | 862526   | 39.330  | nq    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 10.35 | 198  | 138115   | 40.453  | nq    | 100      |
| 66) n-Nitrosodiphenylamine     | 10.37 | 169  | 799842   | 40.174  | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.73 | 248  | 290189   | 39.897  | nq    | 100      |
| 68) Hexachlorobenzene          | 10.82 | 284  | 332514   | 39.898  | nq    | 100      |
| 69) Atrazine                   | 10.90 | 200  | 223991   | 35.694  | nq    | 100      |
| 70) Pentachlorophenol          | 11.02 | 266  | 168829   | 42.990  | nq    | 100      |
| 71) Phenanthrene               | 11.22 | 178  | 1275483  | 39.579  | nq    | 100      |
| 72) Anthracene                 | 11.27 | 178  | 1329797  | 40.558  | nq    | 100      |
| 73) Carbazole                  | 11.43 | 167  | 1294980  | 42.229  | nq    | 100      |
| 74) Di-n-butylphthalate        | 11.75 | 149  | 1405467  | 38.528  | nq    | 100      |
| 75) Fluoranthene               | 12.40 | 202  | 1403300  | 40.637  | nq    | 100      |
| 77) Benzidine                  | 12.53 | 184  | 756985   | 41.668  | nq    | 100      |
| 78) Pyrene                     | 12.63 | 202  | 1397613  | 37.598  | nq    | 100      |
| 80) Butylbenzylphthalate       | 13.24 | 149  | 586248   | 38.744  | nq    | 100      |
| 81) Benzo(a)anthracene         | 13.82 | 228  | 1164692  | 41.328  | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.78 | 252  | 442054   | 40.725  | nq    | 100      |
| 83) Chrysene                   | 13.86 | 228  | 1133942  | 39.693  | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.80 | 149  | 738677   | 40.377  | nq    | 100      |
| 85) Di-n-octyl phthalate       | 14.41 | 149  | 1143319  | 38.447  | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.62 | 276  | 890239   | 33.751  | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 14.84 | 252  | 959541   | 41.802  | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 14.87 | 252  | 875214   | 42.484  | nq    | 100      |
| 90) Benzo(a)pyrene             | 15.19 | 252  | 855312   | 41.933  | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.62 | 278  | 734187   | 38.491  | nq    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.02 | 276  | 765891   | 39.339  | nq    | 100      |

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

Quant Time: Apr 16 17:28:27 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M  
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QLast Update : Tue Apr 16 17:22:45 2019  
Response via : Initial Calibration



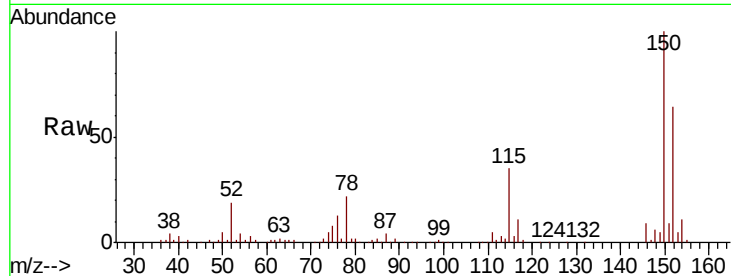


#1

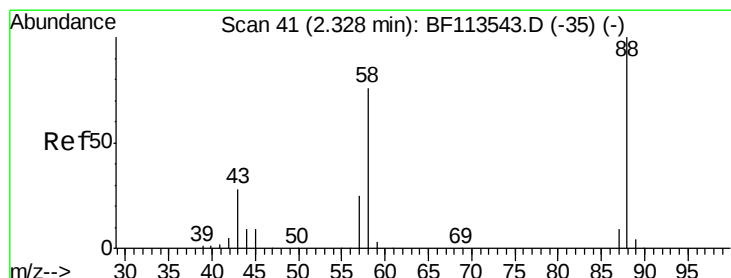
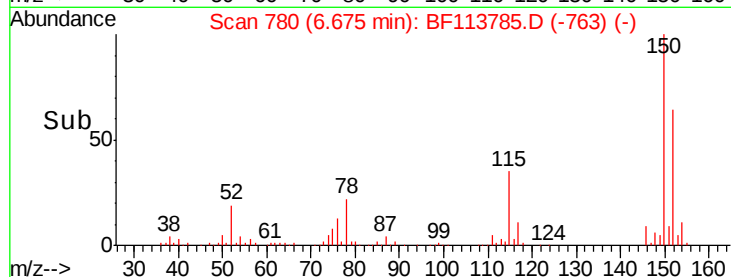
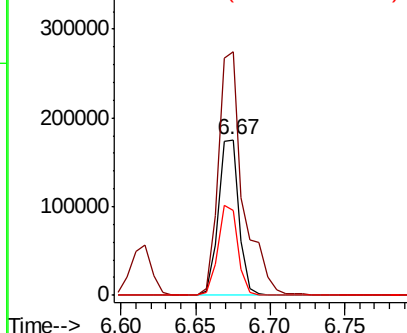
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.67 min Scan# 780  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.4 | 125.1 | 187.7 |
| 115     | 54.9  | 43.9  | 65.9  |



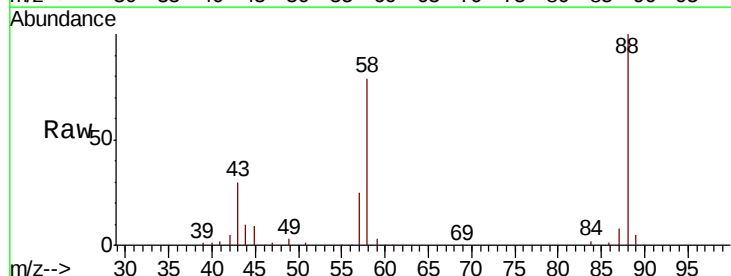
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



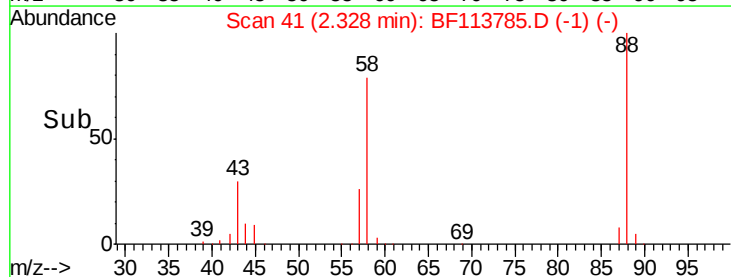
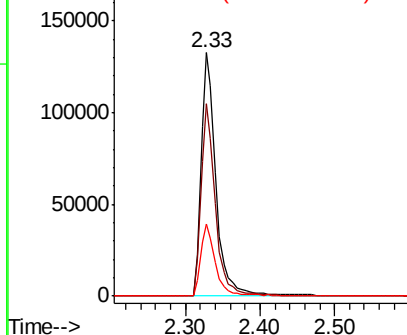
#2

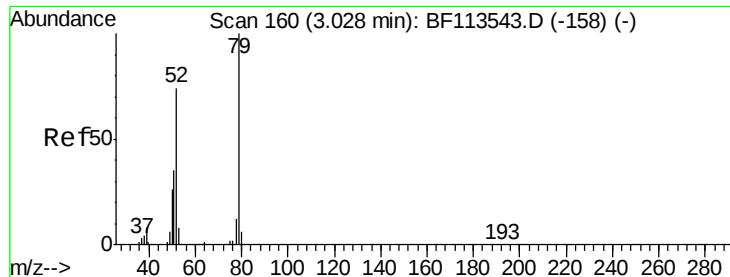
1,4-Dioxane  
 Concen: 39.148 ng  
 RT: 2.33 min Scan# 41  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 76.2  | 61.0  | 91.4  |
| 43      | 28.9  | 23.1  | 34.7  |



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





#3

Pvridine

Concen: 38.921 ng

RT: 3.02 min Scan# 159

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA\_F

ClientSampleId :

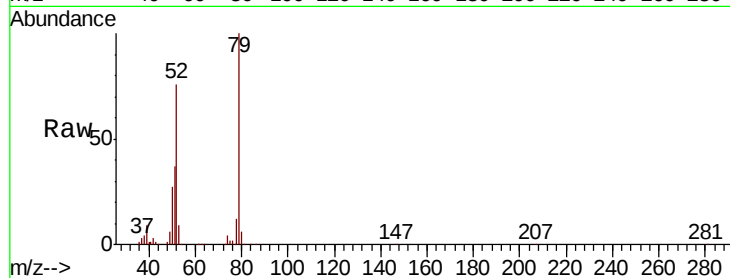
Tot Ion: 79 Resp: 484055

Ion Ratio Lower Upper

79 100

52 76.0 60.8 91.2

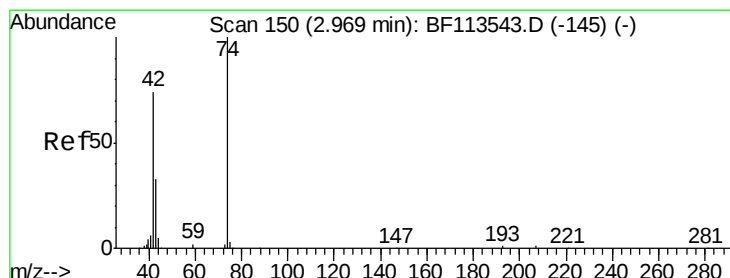
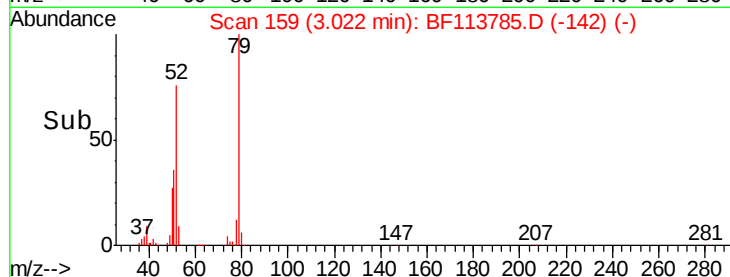
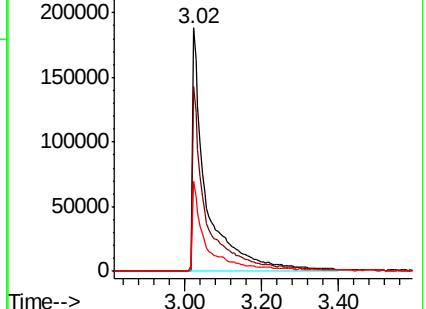
51 36.7 29.4 44.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.991 ng

RT: 2.99 min Scan# 153

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

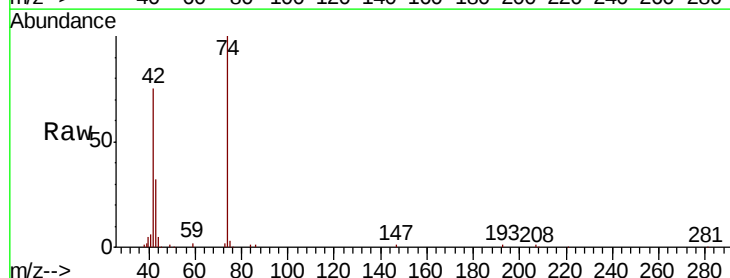
Tgt Ion: 42 Resp: 221887

Ion Ratio Lower Upper

42 100

74 133.2 106.6 159.8

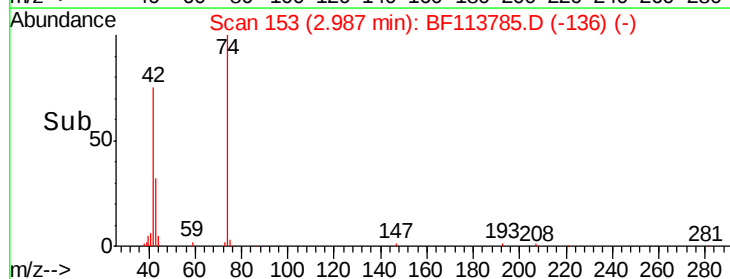
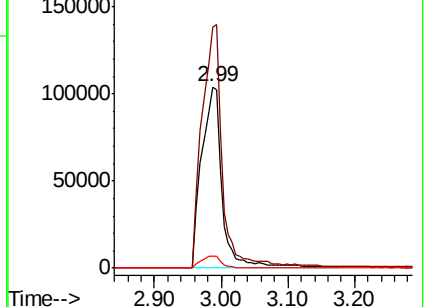
44 6.9 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.843 ng

RT: 5.29 min Scan# 545

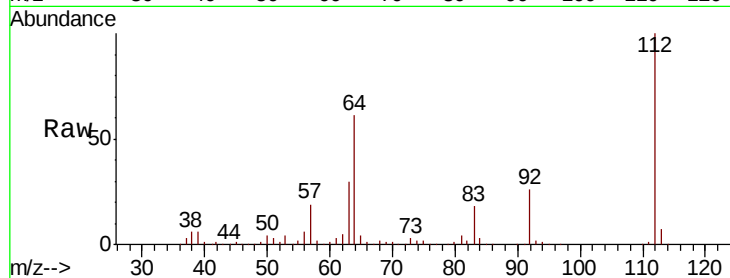
Delta R.T. 0.00 min

Lab File: BF113785.D

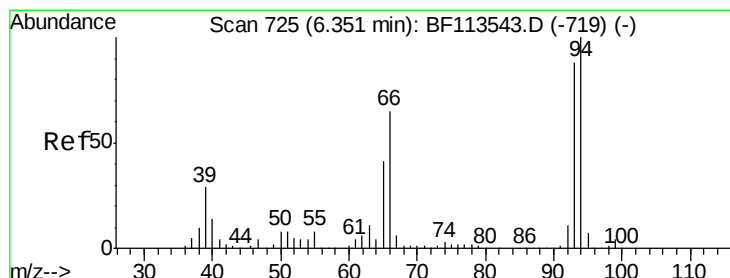
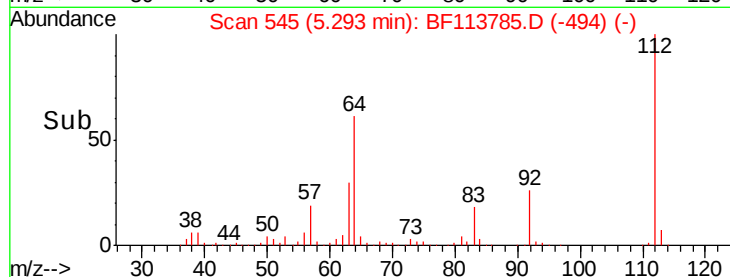
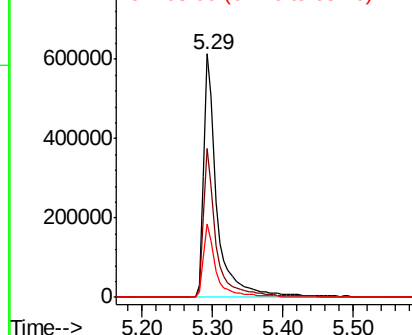
Acq: 16 Apr 2019 11:01

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 831231 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 61.2  | 49.0  | 73.4   |
| 63       | 30.3  | 24.2  | 36.4   |



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: 41.183 ng

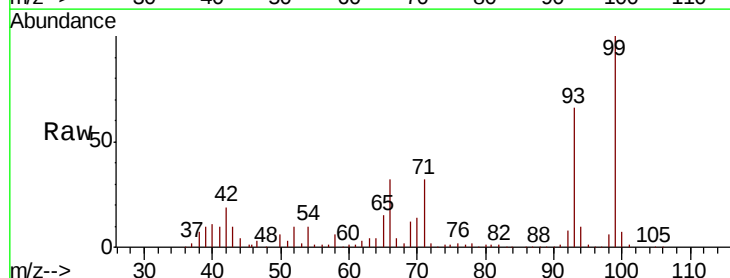
RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

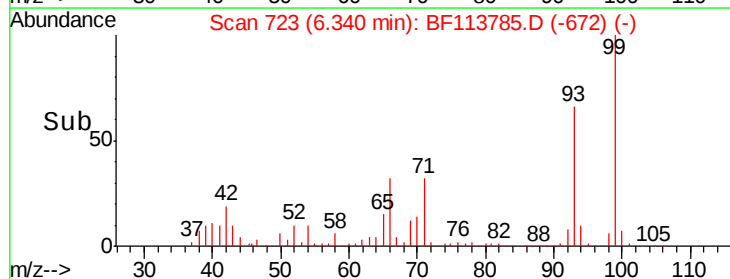
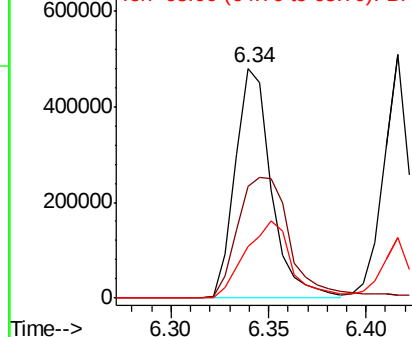
Lab File: BF113785.D

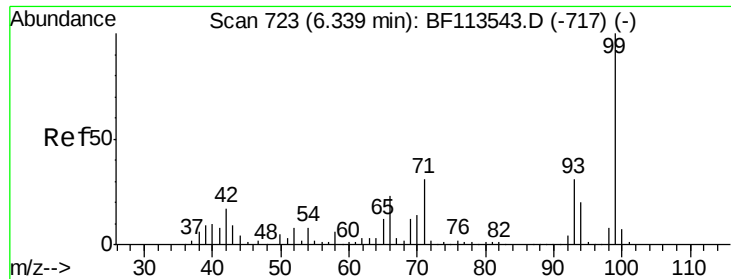
Acq: 16 Apr 2019 11:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 617342 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 48.4  | 38.7  | 58.1   |
| 65       | 22.3  | 17.8  | 26.8   |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.475 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA\_F

ClientSampled :

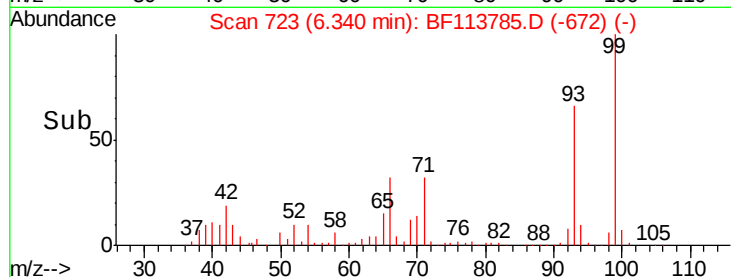
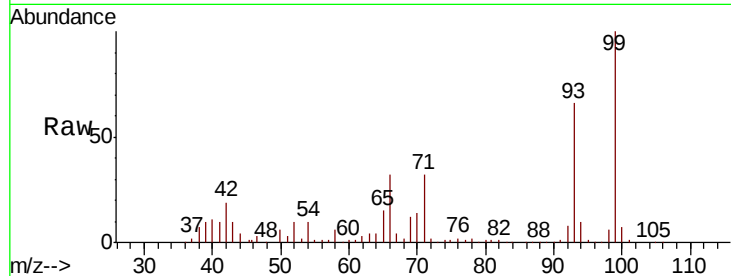
Tot Ion: 99 Resp: 995216

Ion Ratio Lower Upper

99 100

42 19.0 15.2 22.8

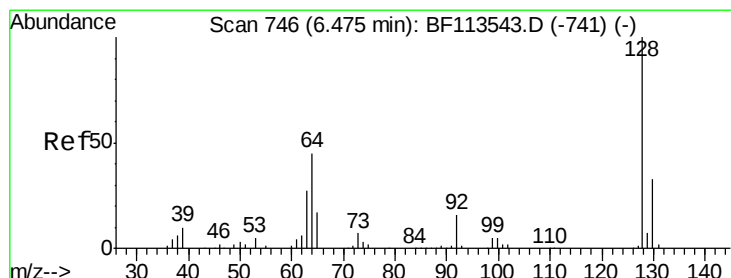
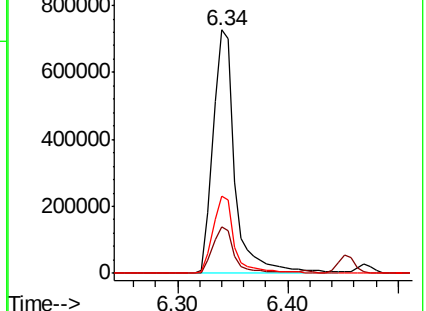
71 31.8 25.4 38.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.449 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

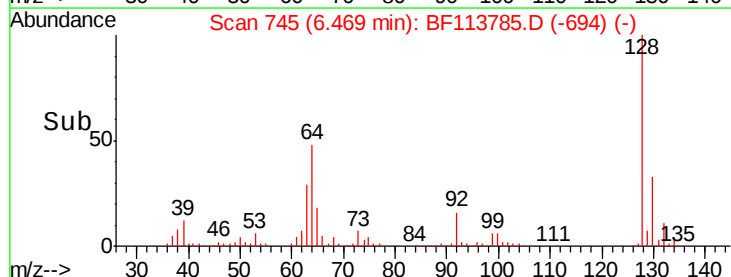
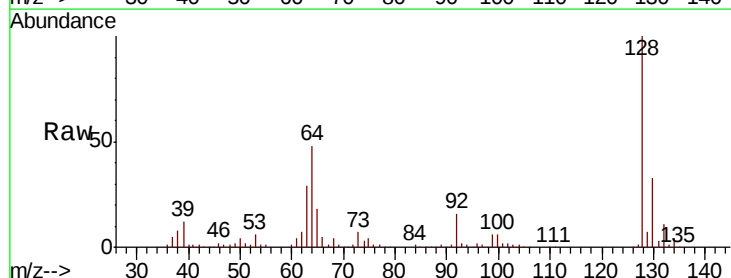
Tgt Ion: 128 Resp: 481184

Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

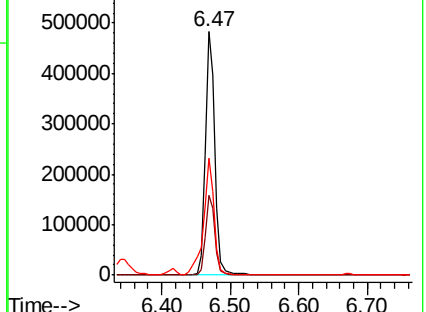
64 47.9 27.9 67.9

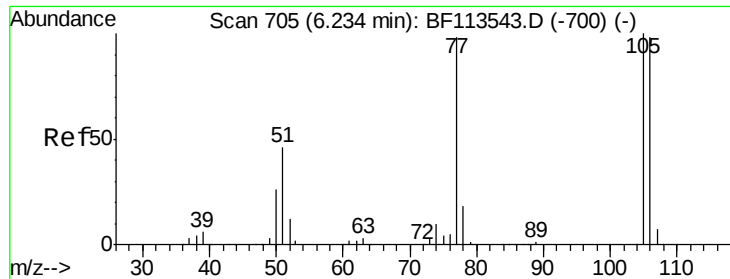


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

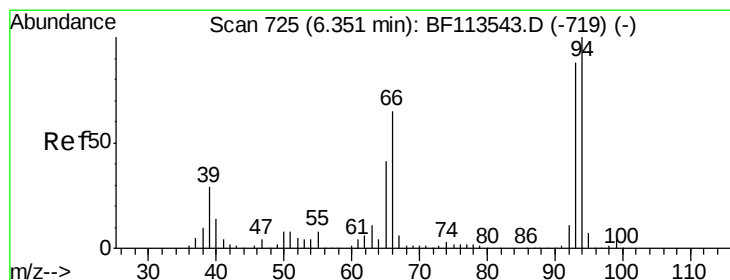
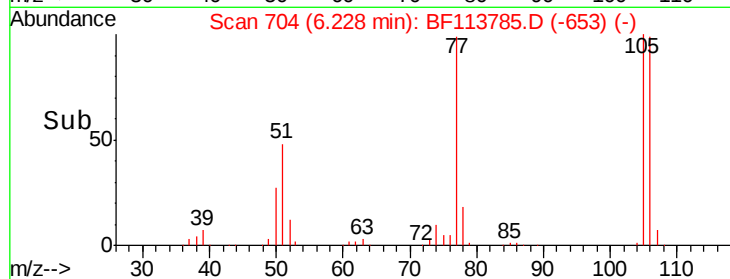
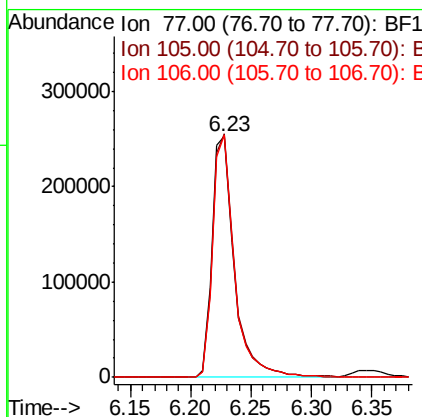
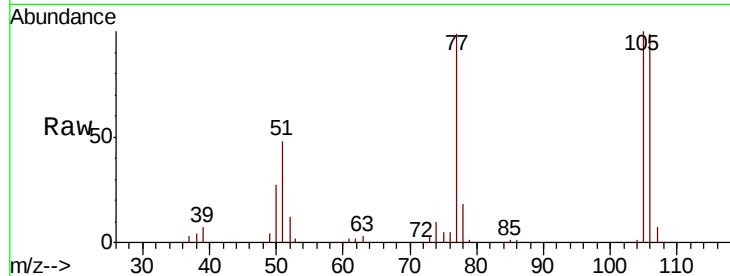




#9  
Benzaldehyde  
Concen: 43.598 ng  
RT: 6.23 min Scan# 704  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

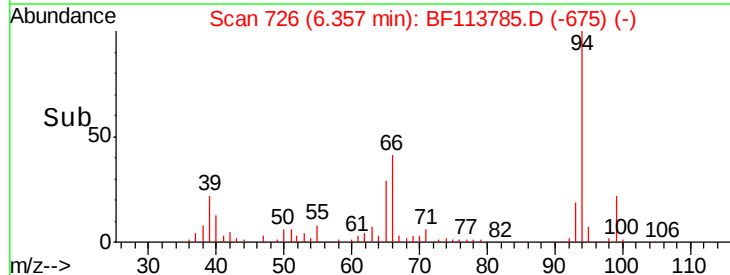
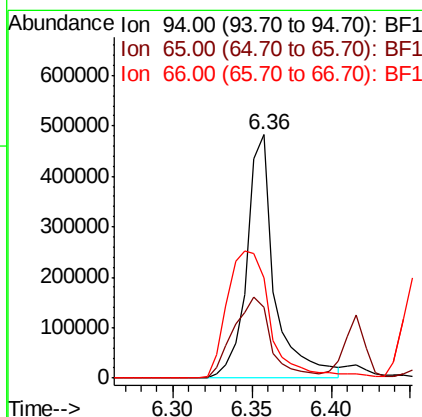
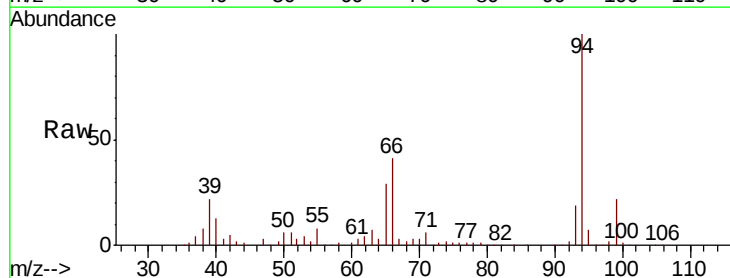
Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 101.1 | 81.1  | 121.1 |
| 106     | 100.6 | 80.6  | 120.6 |



#10  
Phenol  
Concen: 41.543 ng  
RT: 6.36 min Scan# 726  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 29.0  | 9.0   | 49.0  |
| 66      | 41.0  | 21.0  | 61.0  |

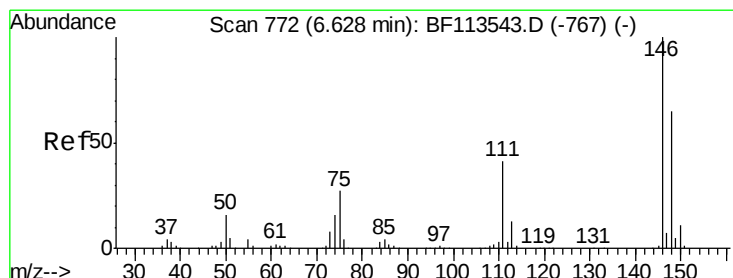
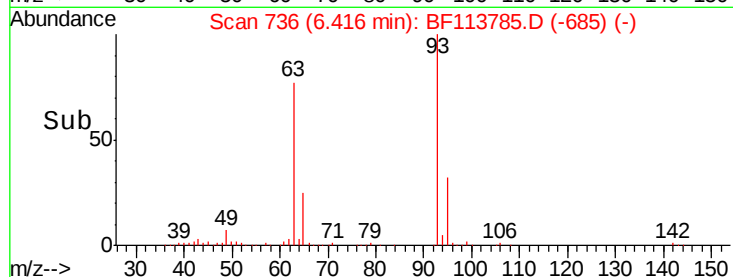
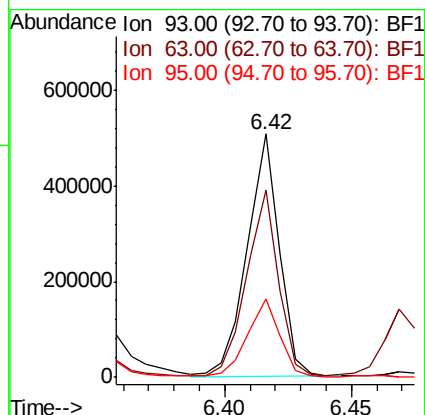
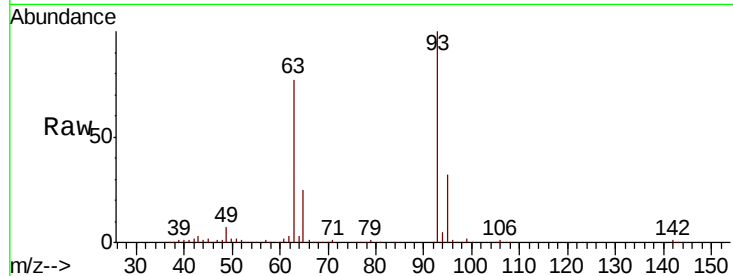




#11  
bis(2-Chloroethyl)ether  
Concen: 40.891 ng  
RT: 6.42 min Scan# 736  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

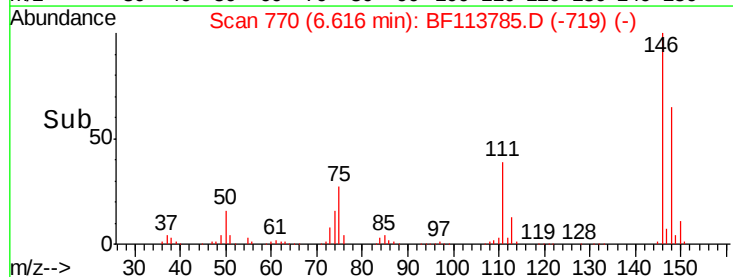
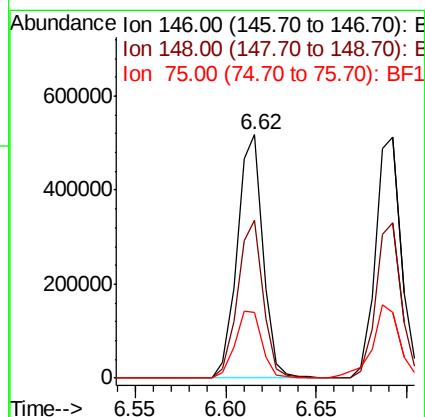
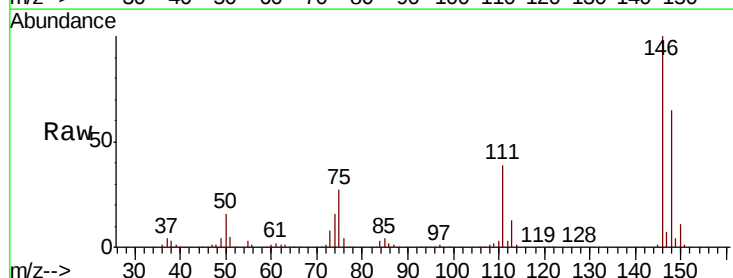
Instrument :  
BNA\_F  
ClientSampleId :

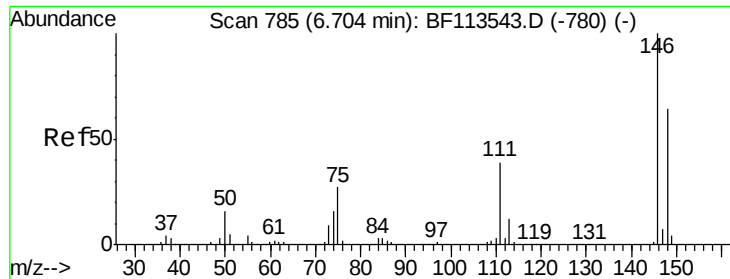
Tot Ion: 93 Resp: 449262  
Ion Ratio Lower Upper  
93 100  
63 76.7 56.7 96.7  
95 32.3 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 40.930 ng  
RT: 6.62 min Scan# 770  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Tgt Ion: 146 Resp: 511707  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.8 77.8  
75 27.1 21.7 32.5

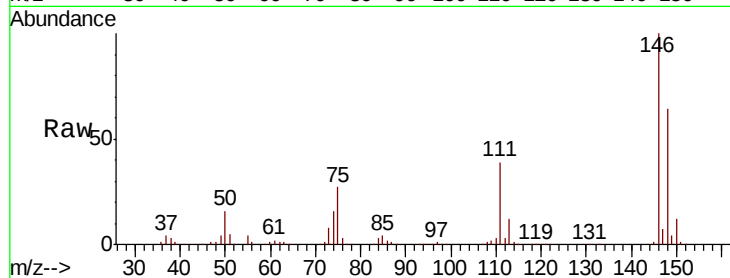




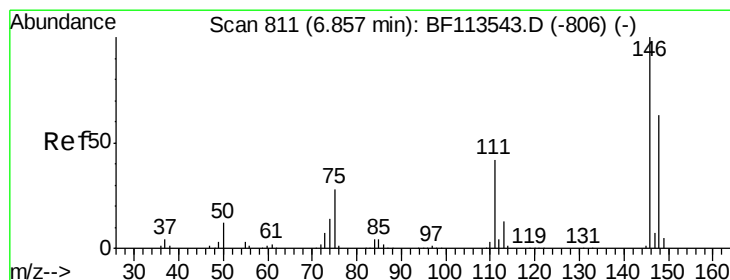
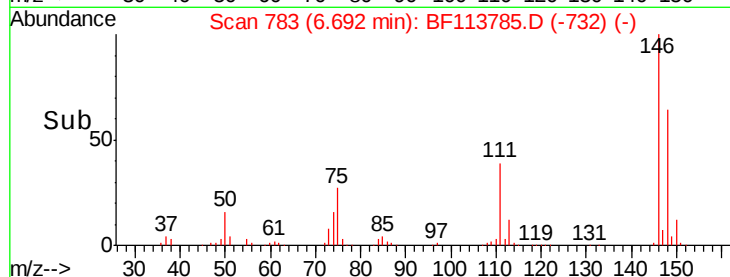
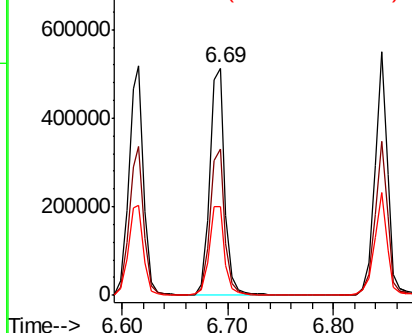
#13  
 1,4-Dichlorobenzene  
 Concen: 40.801 ng  
 RT: 6.69 min Scan# 783  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:146 Resp: 515465  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 51.4 77.2  
 111 38.8 31.0 46.6

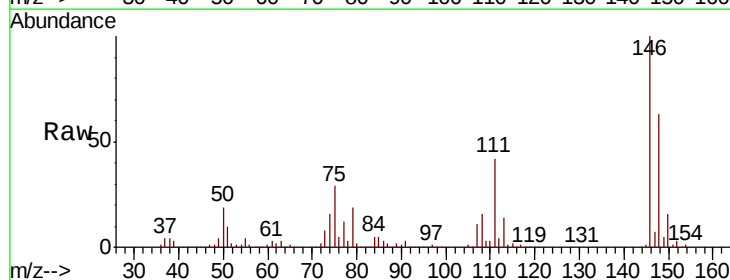


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

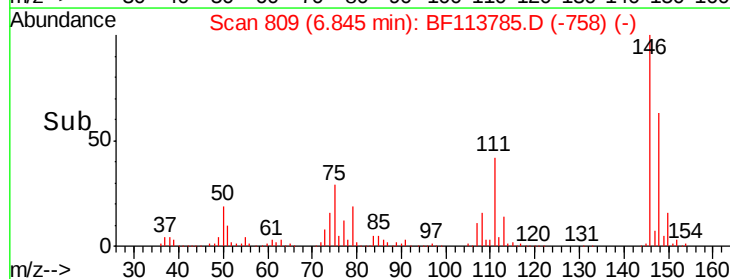
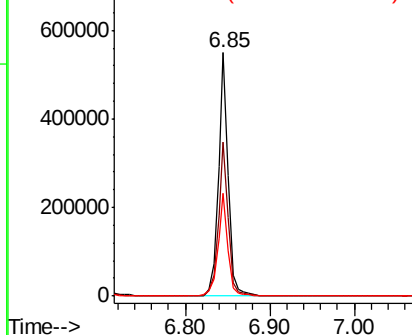


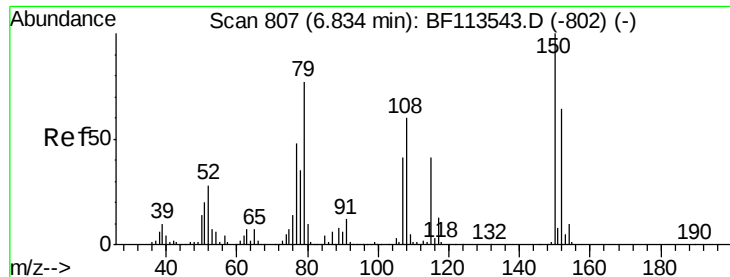
#14  
 1,2-Dichlorobenzene  
 Concen: 40.444 ng  
 RT: 6.85 min Scan# 809  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

Tgt Ion:146 Resp: 461208  
 Ion Ratio Lower Upper  
 146 100  
 148 63.5 50.8 76.2  
 111 42.0 33.6 50.4



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: 35.101 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA\_F

ClientSampleId :

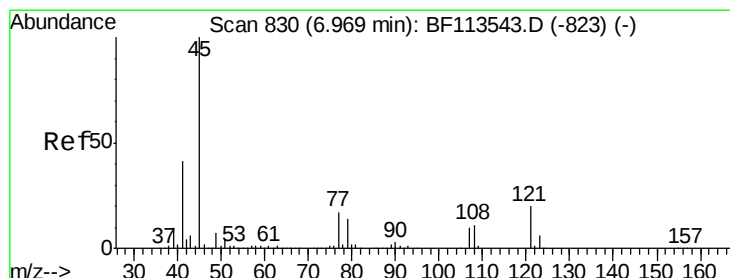
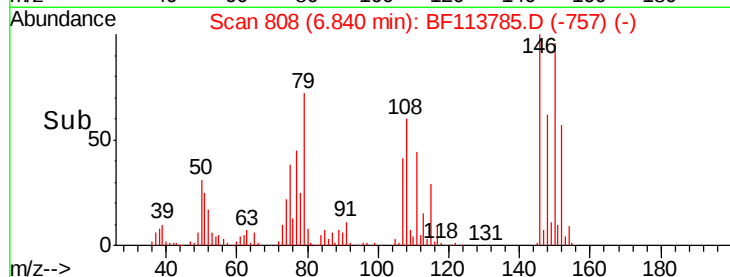
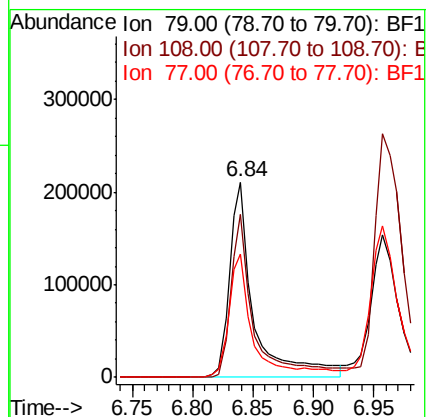
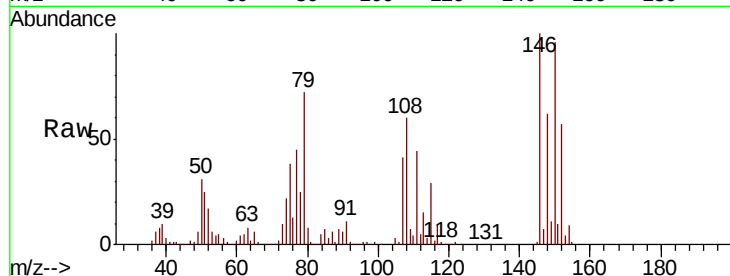
Tot Ion: 79 Resp: 293505

Ion Ratio Lower Upper

79 100

108 83.6 66.9 100.3

77 63.1 50.5 75.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.284 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

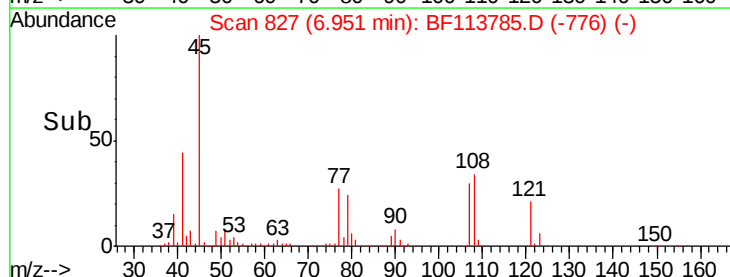
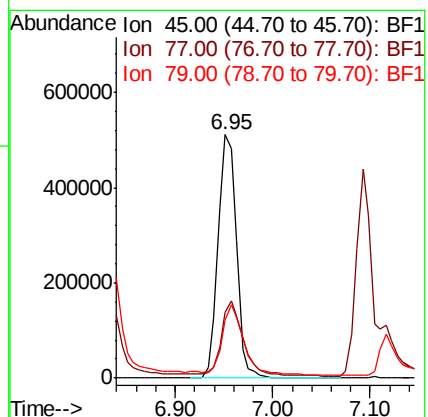
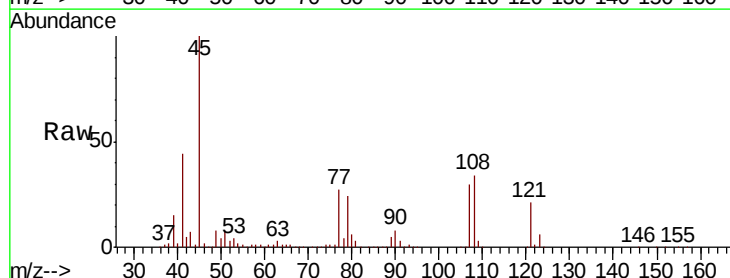
Tgt Ion: 45 Resp: 671822

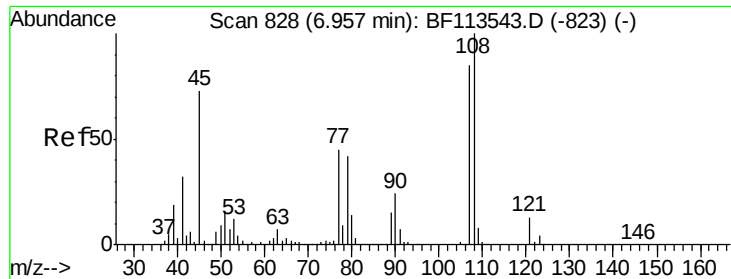
Ion Ratio Lower Upper

45 100

77 26.8 6.8 46.8

79 23.9 3.9 43.9

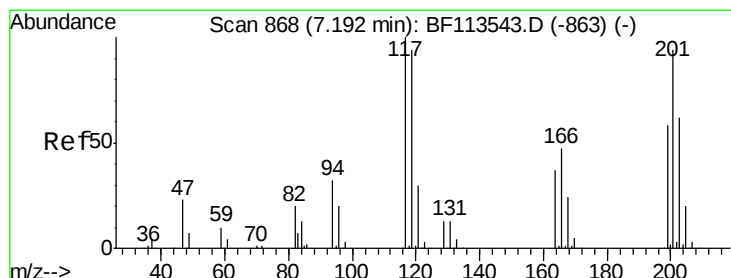
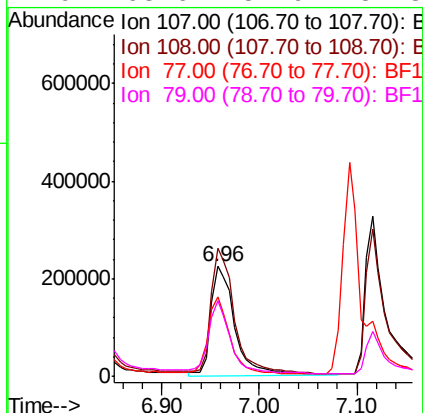
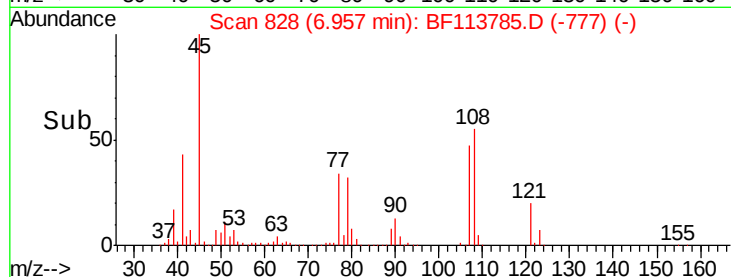
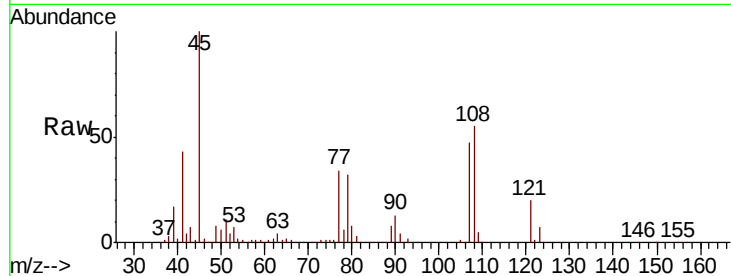




#17  
2-Methylphenol  
Concen: 43.445 ng  
RT: 6.96 min Scan# 828  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

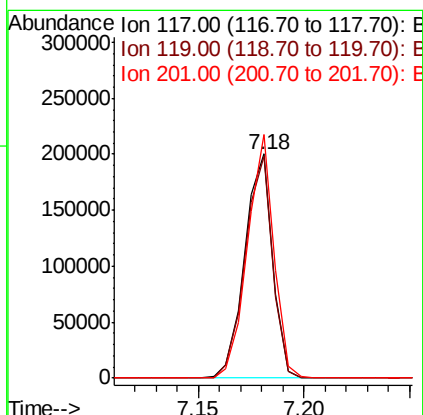
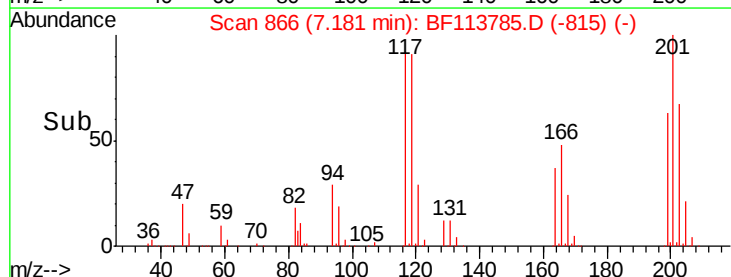
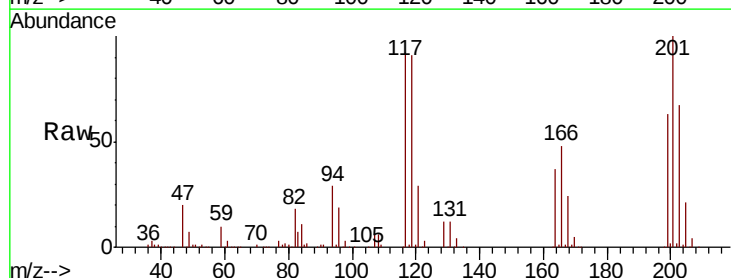
Instrument :  
BNA\_F  
ClientSampled :

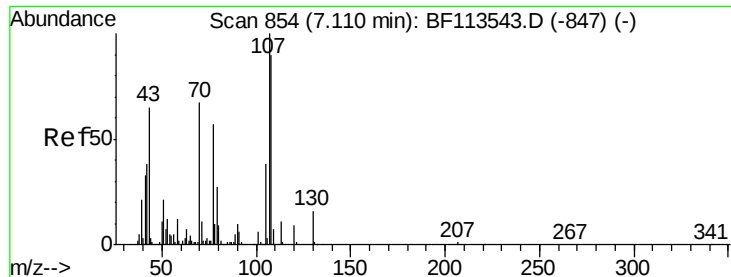
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 116.8 | 93.4  | 140.2 |
| 77      | 72.6  | 58.1  | 87.1  |
| 79      | 68.6  | 54.9  | 82.3  |



#18  
Hexachloroethane  
Concen: 39.862 ng  
RT: 7.18 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 98.9  | 79.1  | 118.7 |
| 201     | 108.8 | 87.0  | 130.6 |

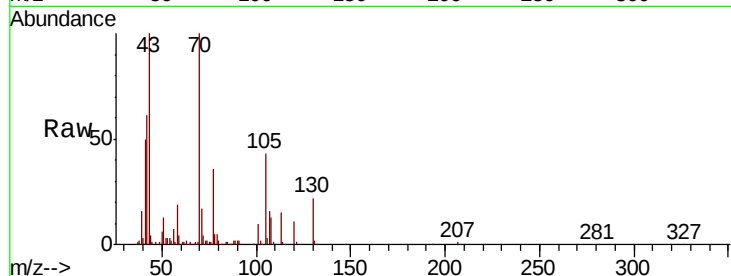




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.725 ng  
RT: 7.10 min Scan# 853  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 61.3  | 49.0  | 73.6  |
| 101     | 9.7   | 7.8   | 11.6  |
| 130     | 22.2  | 17.8  | 26.6  |



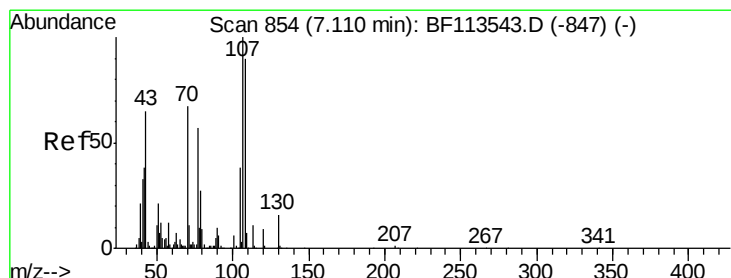
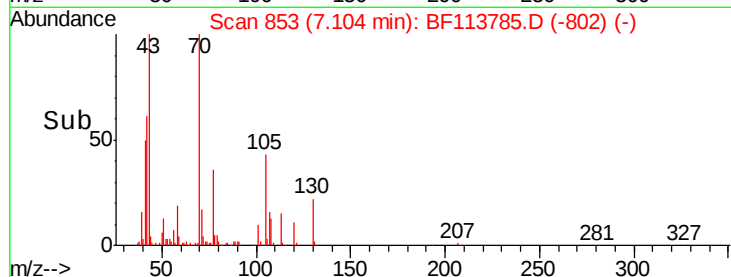
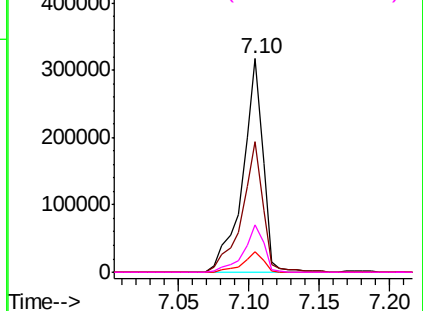
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20  
3+4-Methylphenols  
Concen: 44.673 ng  
RT: 7.12 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 92.4  | 72.4  | 112.4 |
| 77      | 34.3  | 14.3  | 54.3  |
| 79      | 28.4  | 8.4   | 48.4  |

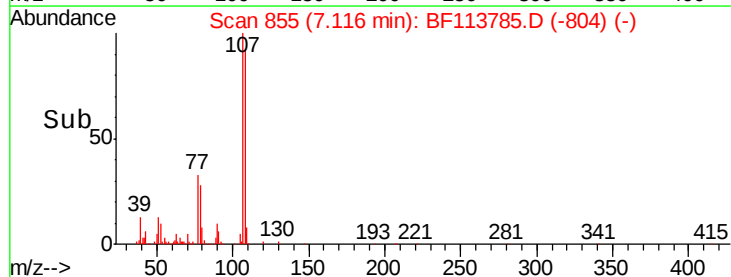
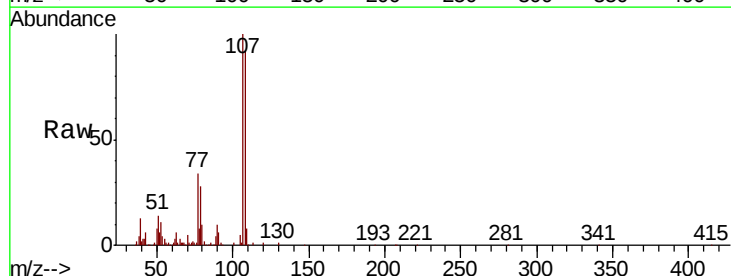
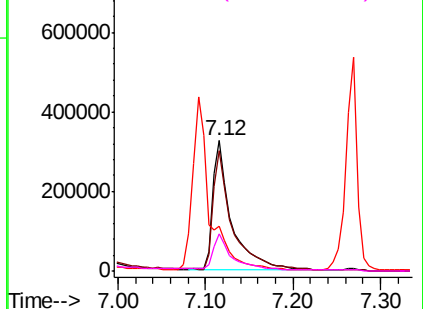
Abundance

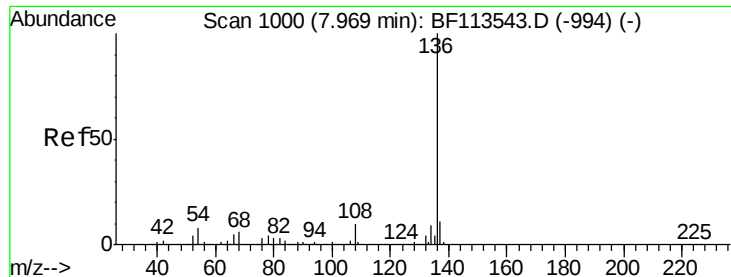
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA\_F

ClientSampled :

Tot Ion:136 Resp: 666170

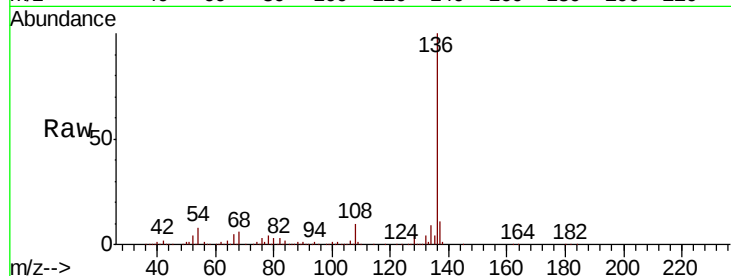
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.0 6.4 9.6

68 5.8 4.6 7.0

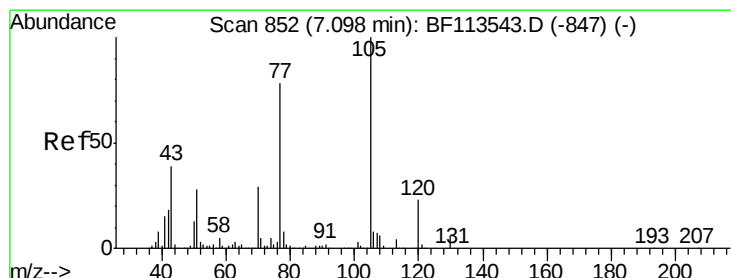
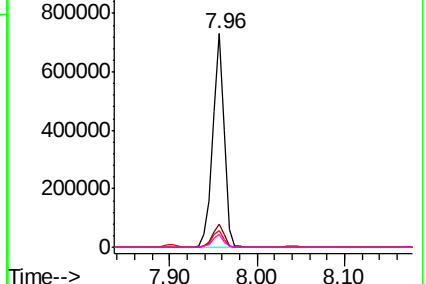
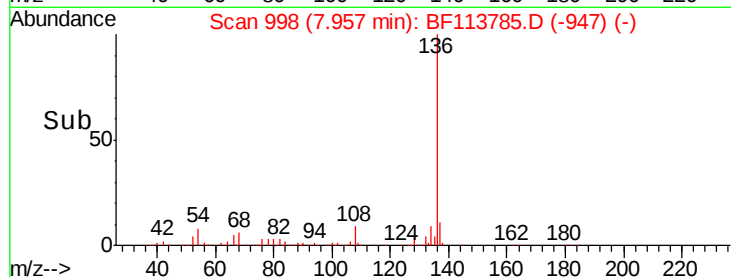


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.092 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Tgt Ion:105 Resp: 615853

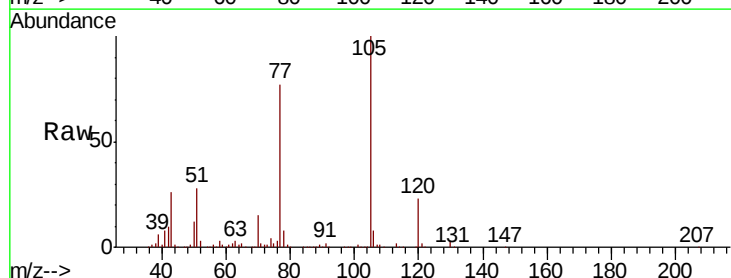
Ion Ratio Lower Upper

105 100

71 2.4 1.9 2.9

51 27.9 22.3 33.5

120 23.0 18.4 27.6

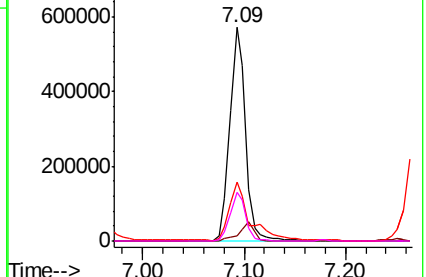
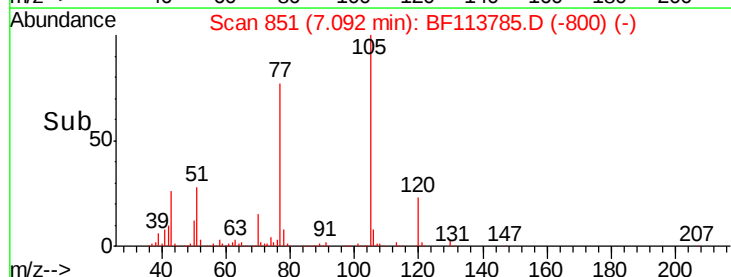


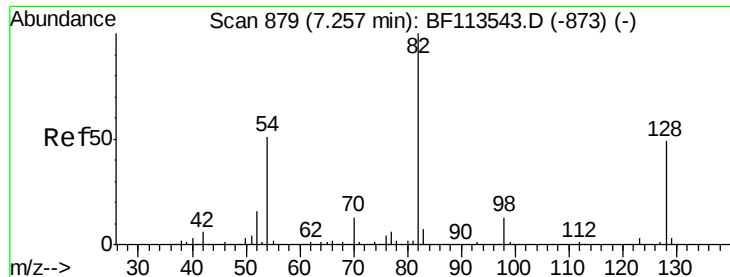
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

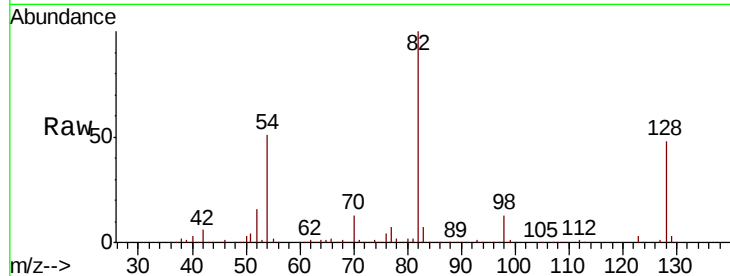




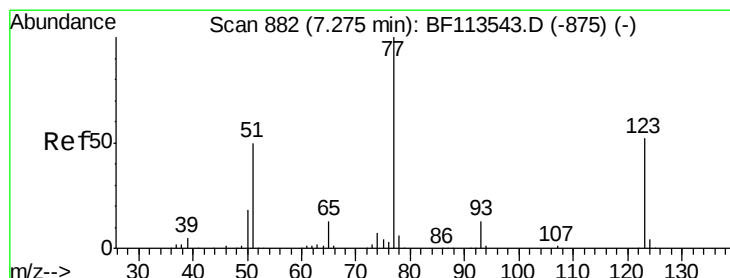
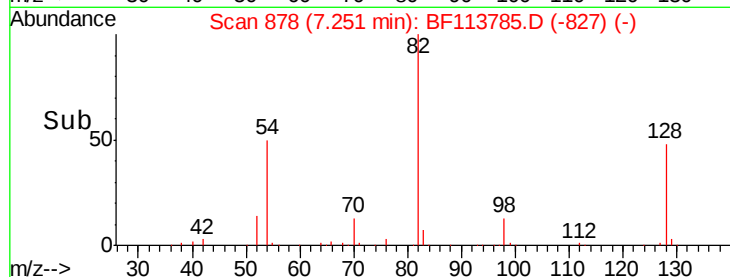
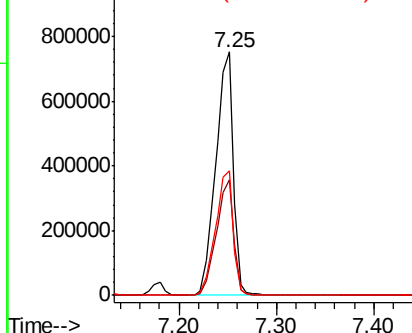
#23  
 Nitrobenzene-d5  
 Concen: 82.473 ng  
 RT: 7.25 min Scan# 878  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion: 82 Resp: 937960  
 Ion Ratio Lower Upper  
 82 100  
 128 47.7 38.2 57.2  
 54 51.2 41.0 61.4

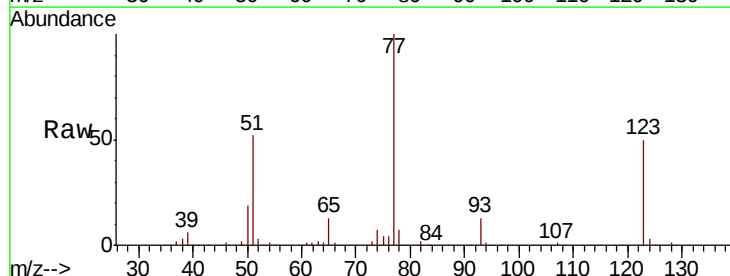


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

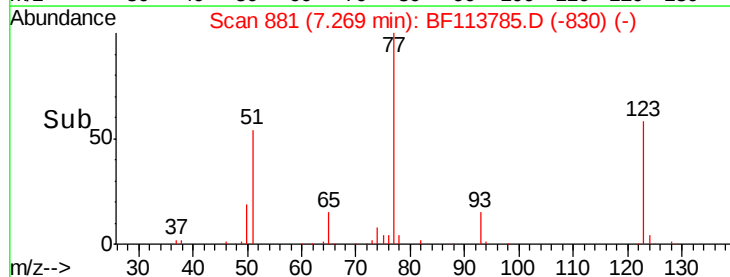
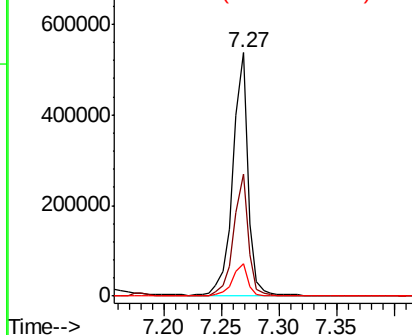


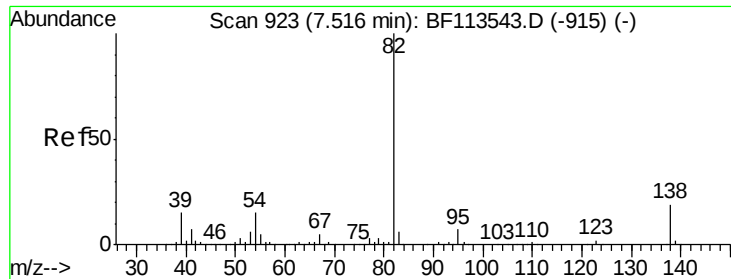
#24  
 Nitrobenzene  
 Concen: 41.710 ng  
 RT: 7.27 min Scan# 881  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

Tgt Ion: 77 Resp: 488520  
 Ion Ratio Lower Upper  
 77 100  
 123 50.1 40.1 60.1  
 65 13.5 10.8 16.2



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

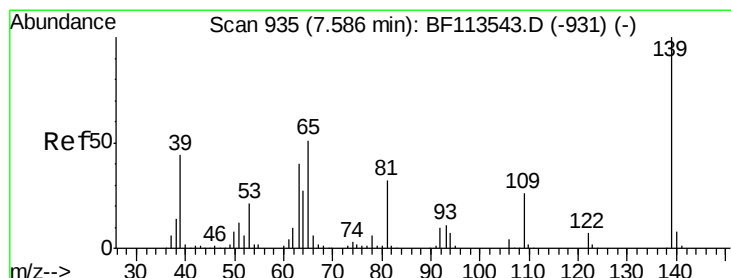
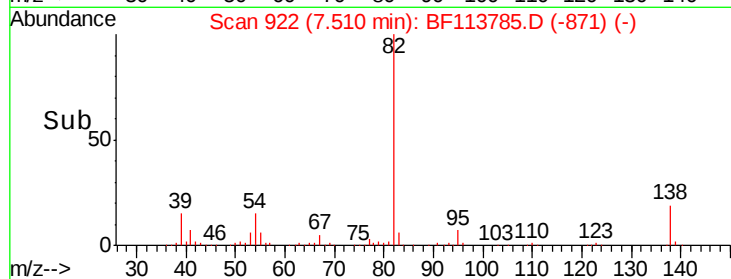
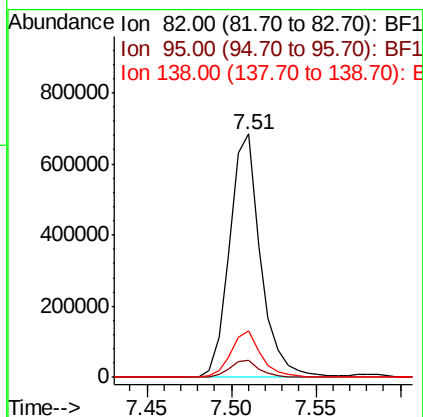
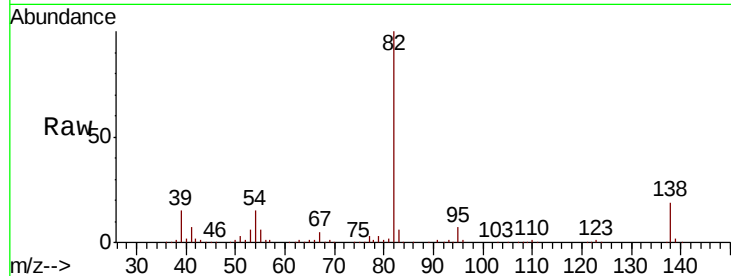




#25  
Isophorone  
Concen: 39.921 ng  
RT: 7.51 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

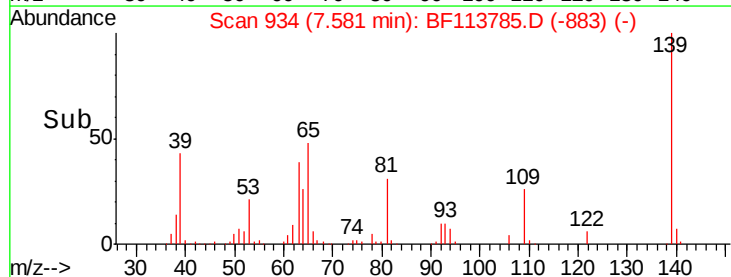
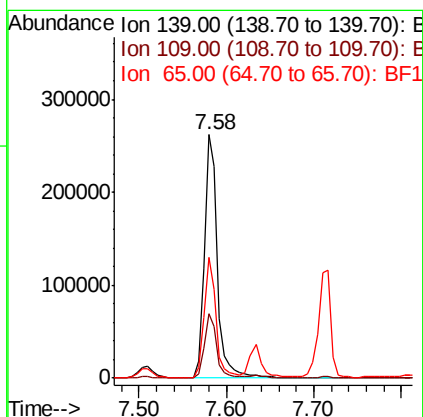
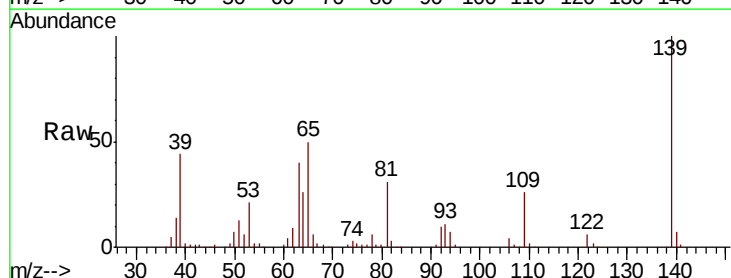
Instrument :  
BNA\_F  
ClientSampleId :

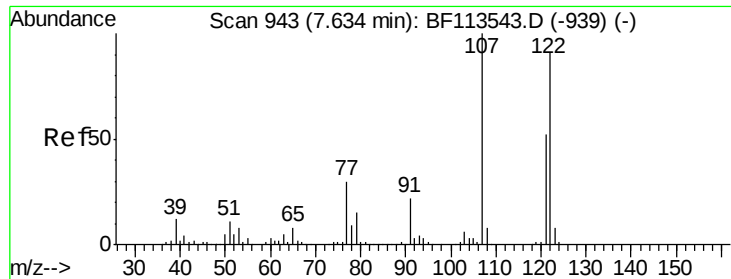
Tot Ion: 82 Resp: 874602  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.4 8.2  
138 18.9 15.1 22.7



#26  
2-Nitrophenol  
Concen: 42.725 ng  
RT: 7.58 min Scan# 934  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Tgt Ion: 139 Resp: 269319  
Ion Ratio Lower Upper  
139 100  
109 26.4 21.1 31.7  
65 49.7 39.8 59.6

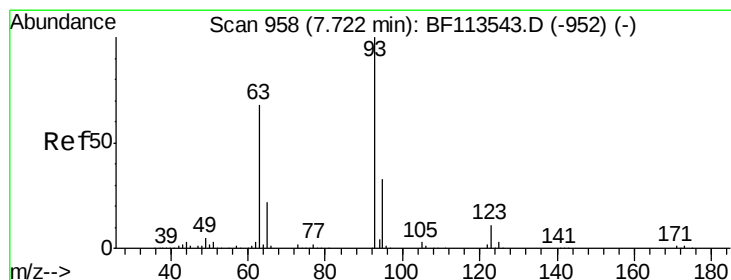
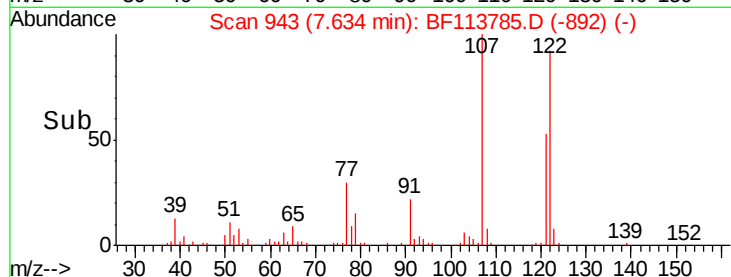
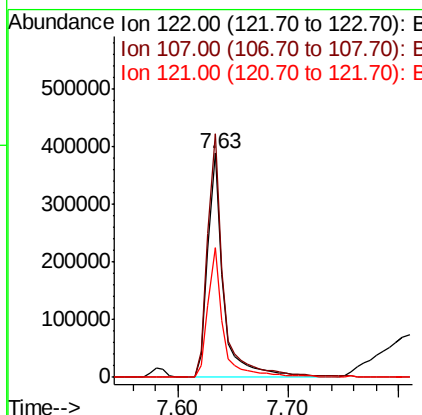
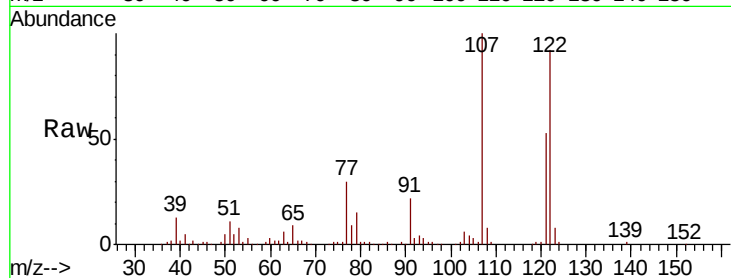




#27  
 2,4-Dimethylphenol  
 Concen: 41.347 ng  
 RT: 7.63 min Scan# 943  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

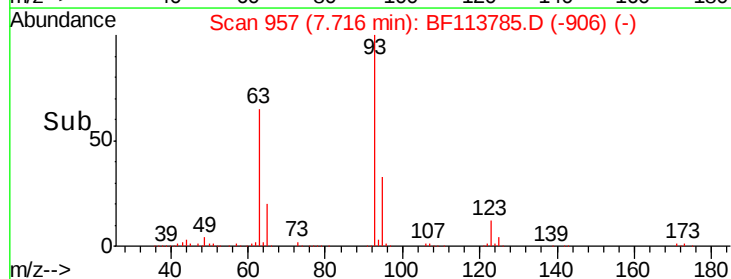
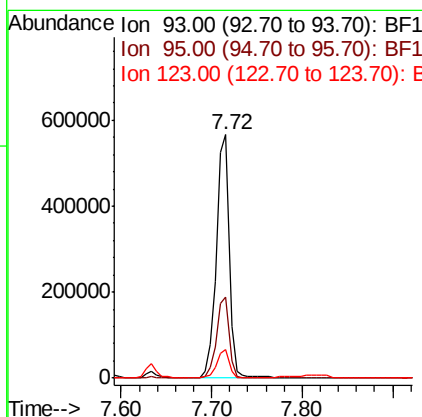
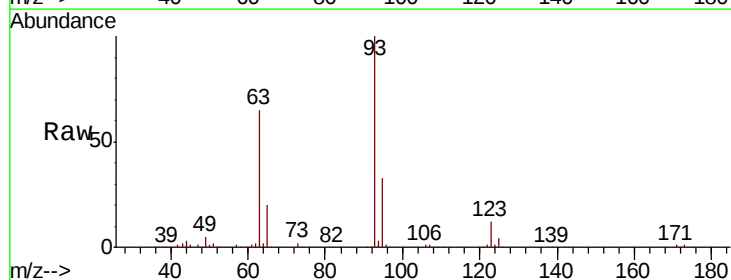
Instrument :  
 BNA\_F  
 ClientSampleId :

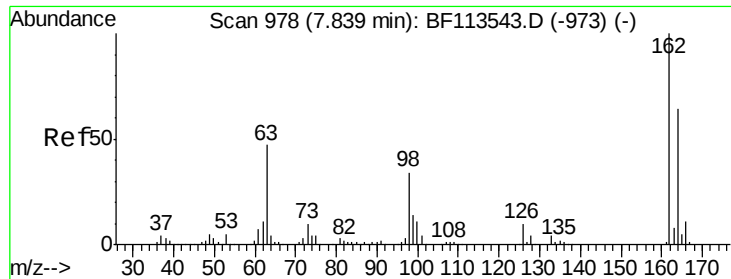
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 108.6 | 86.9  | 130.3 |
| 121     | 58.0  | 46.4  | 69.6  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.180 ng  
 RT: 7.72 min Scan# 957  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.3  | 26.6  | 40.0  |
| 123     | 11.8  | 9.4   | 14.2  |

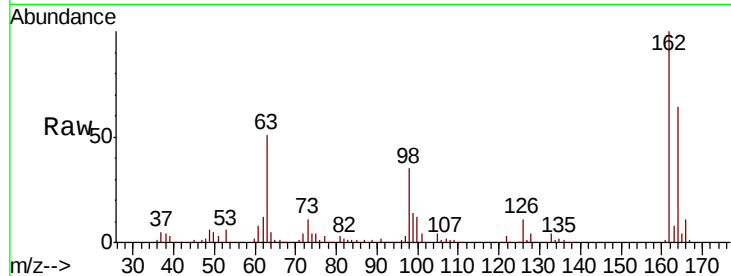




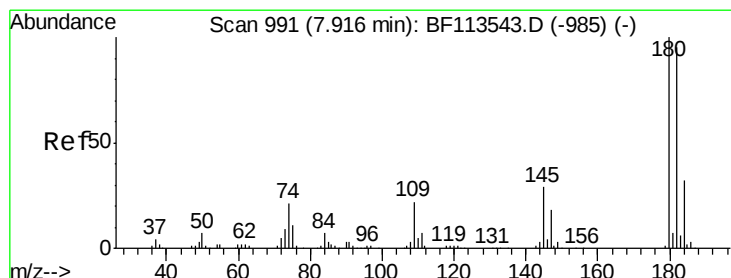
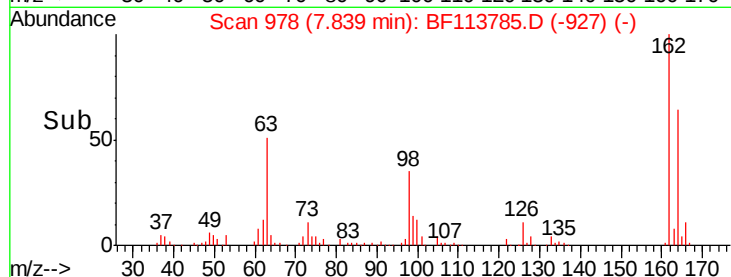
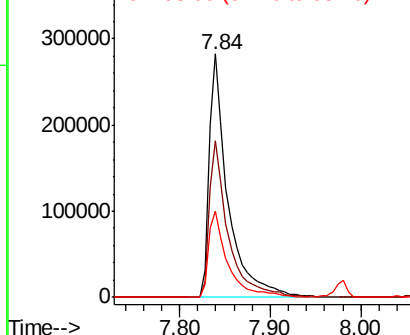
#29  
2,4-Dichlorophenol  
Concen: 42.524 ng  
RT: 7.84 min Scan# 978  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.3  | 44.3  | 84.3  |
| 98      | 35.3  | 15.3  | 55.3  |

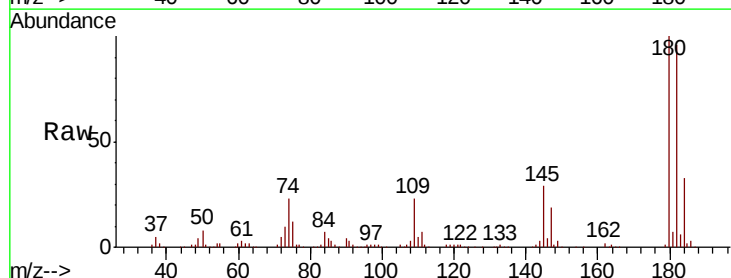


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

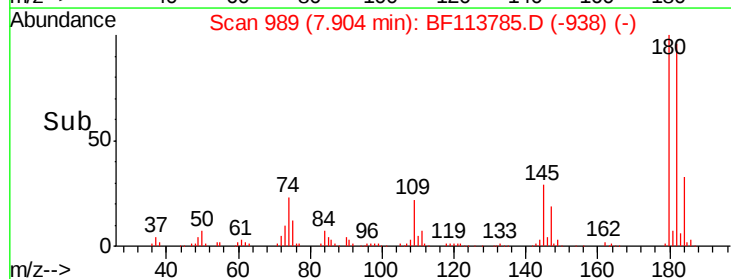
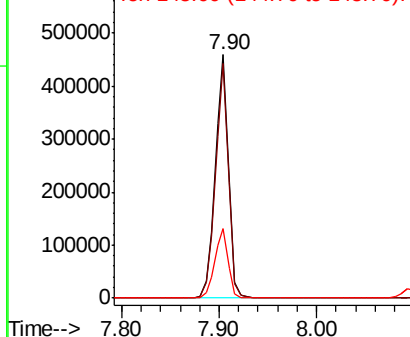


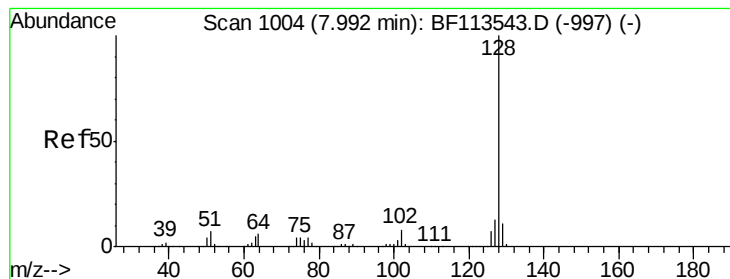
#30  
1,2,4-Trichlorobenzene  
Concen: 40.895 ng  
RT: 7.90 min Scan# 989  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 77.0  | 115.4 |
| 145     | 28.7  | 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: 40.668 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA\_F

ClientSampleId :

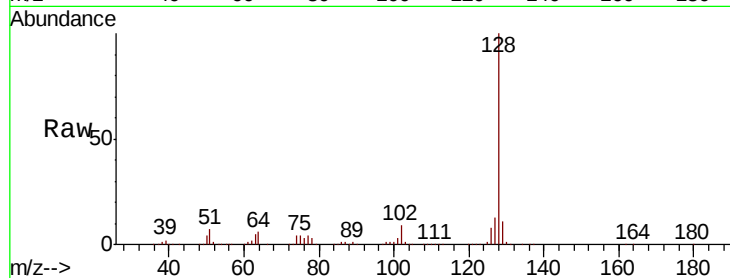
Tot Ion:128 Resp: 1312674

Ion Ratio Lower Upper

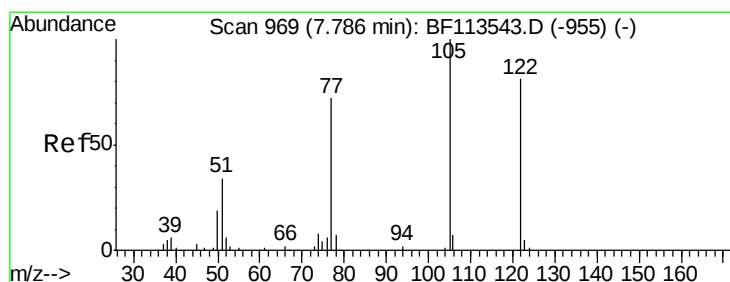
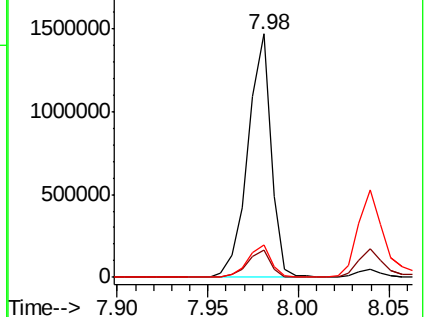
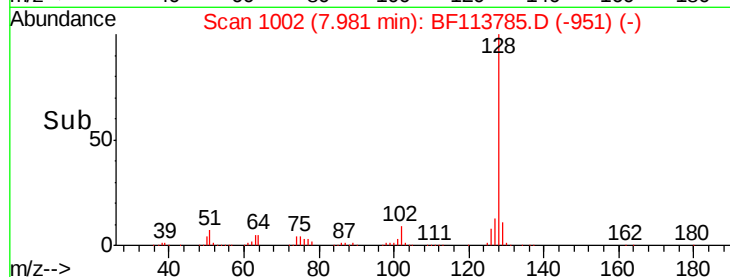
128 100

129 11.4 9.1 13.7

127 13.4 10.7 16.1



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



#32

Benzoic acid

Concen: 38.168 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

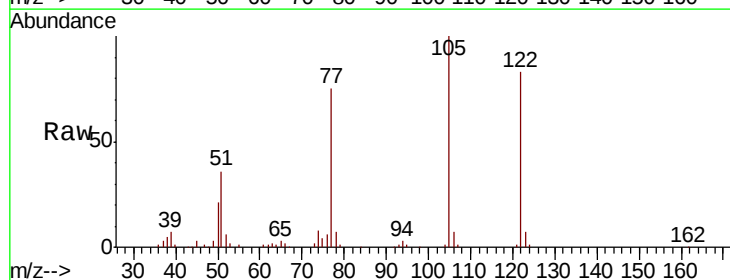
Tgt Ion:122 Resp: 266342

Ion Ratio Lower Upper

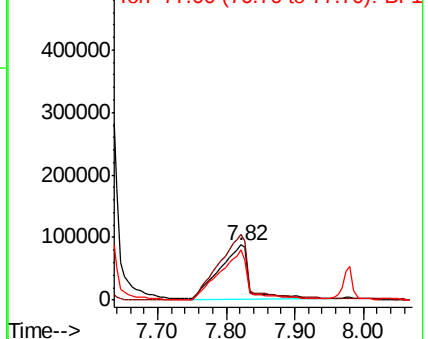
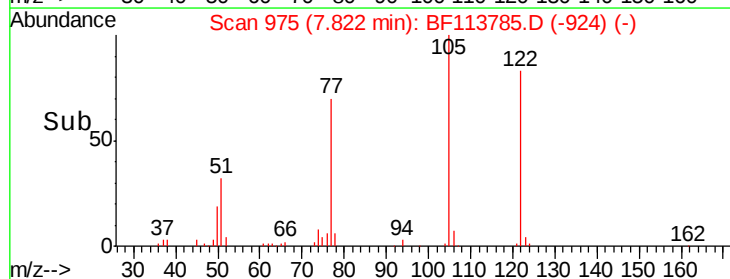
122 100

105 120.6 100.6 140.6

77 90.8 70.8 110.8



Abundance Ion 122.00 (121.70 to 122.70): E  
500000  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1

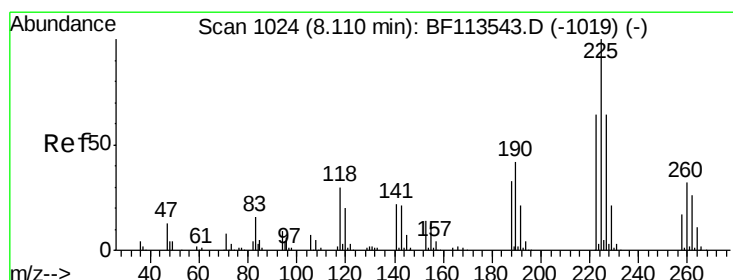
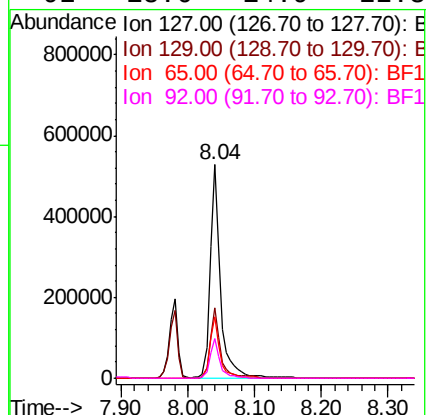
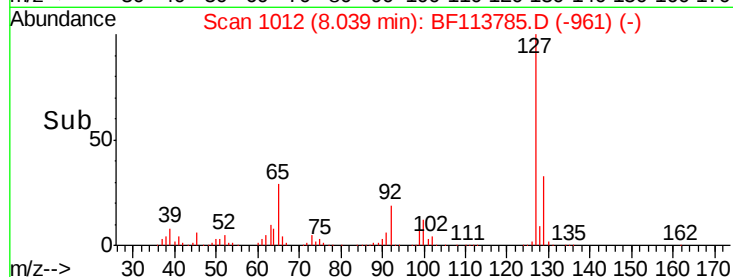
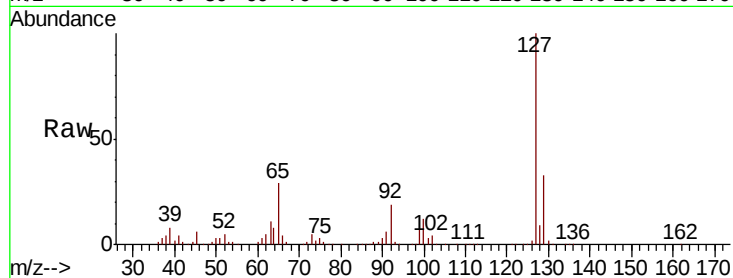




#33  
4-Chloroaniline  
Concen: 44.694 ng  
RT: 8.04 min Scan# 1012  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

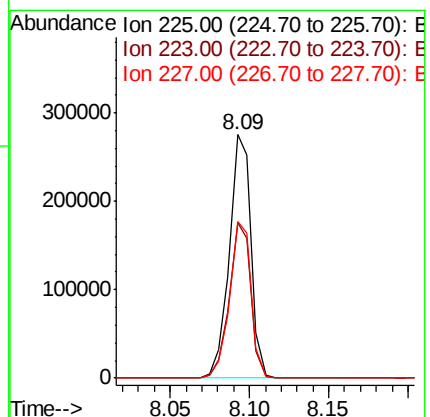
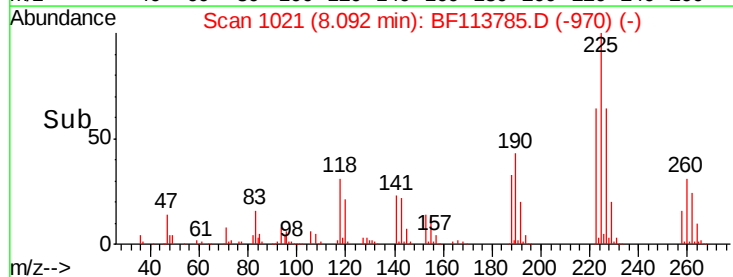
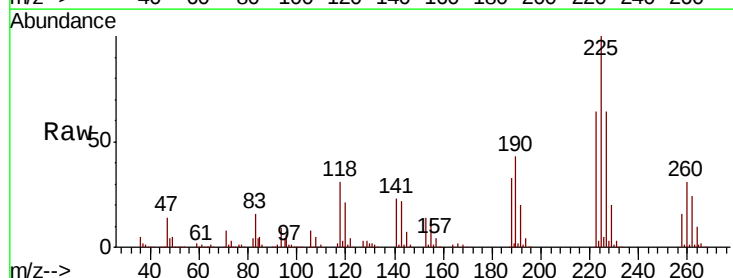
Instrument :  
BNA\_F  
ClientSampleId :

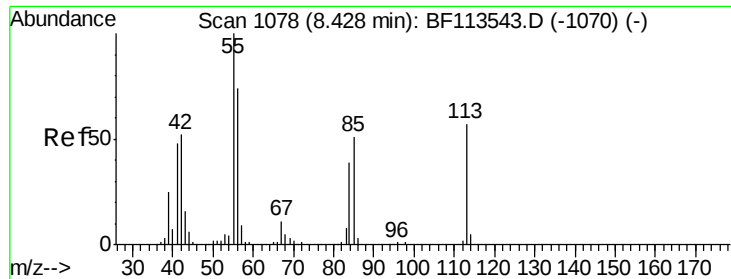
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 572018 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 26.2  | 39.4   |
| 65       | 29.0  | 23.2  | 34.8   |
| 92       | 18.6  | 14.9  | 22.3   |



#34  
Hexachlorobutadiene  
Concen: 40.755 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 260165 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 50.9  | 76.3   |
| 227      | 64.1  | 51.3  | 76.9   |

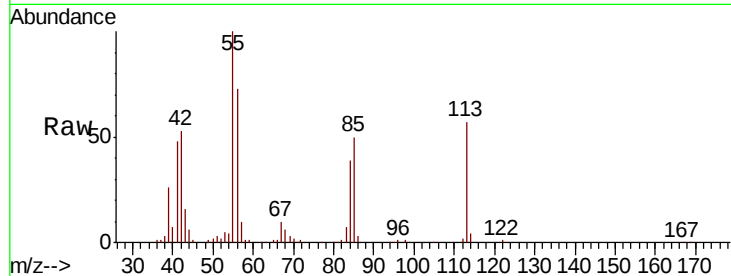




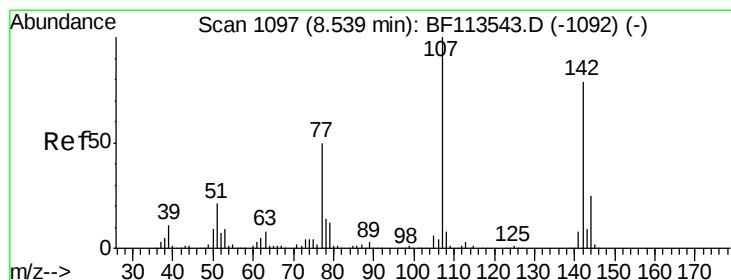
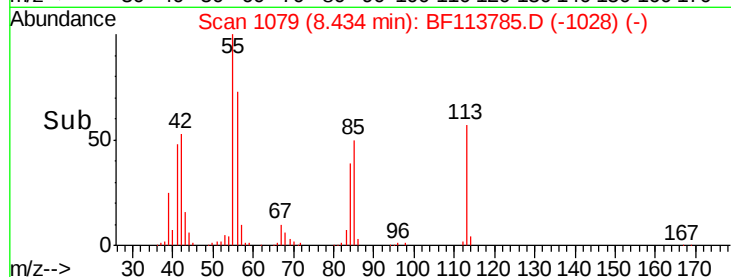
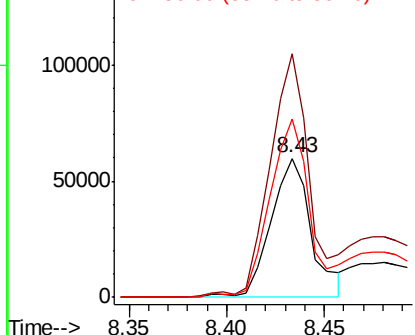
#35  
Caprolactam  
Concen: 27.809 ng  
RT: 8.43 min Scan# 1079  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:113 Resp: 85114  
Ion Ratio Lower Upper  
113 100  
55 175.2 155.2 195.2  
56 128.0 108.0 148.0

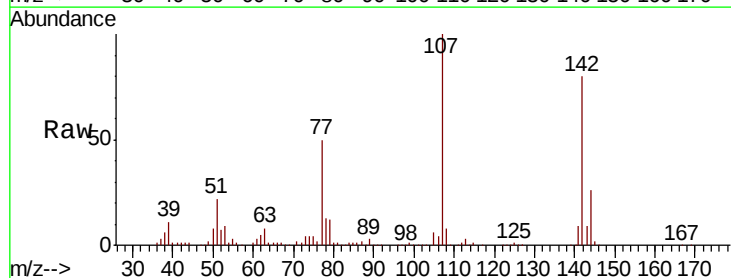


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

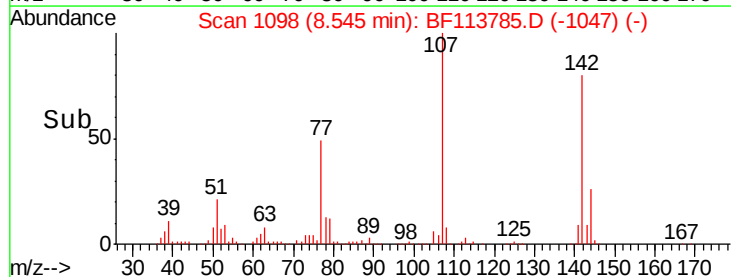
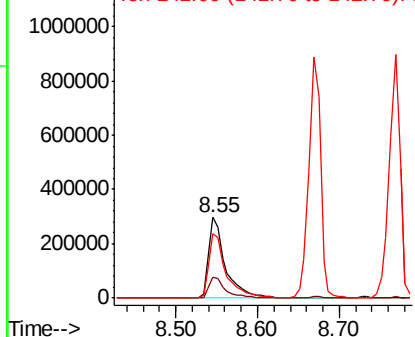


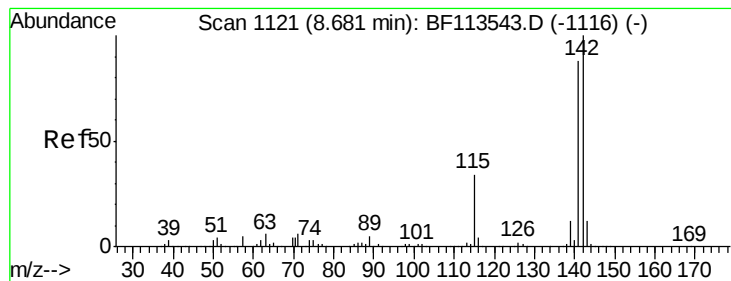
#36  
4-Chloro-3-methylphenol  
Concen: 43.359 ng  
RT: 8.55 min Scan# 1098  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Tgt Ion:107 Resp: 419672  
Ion Ratio Lower Upper  
107 100  
144 26.2 21.0 31.4  
142 80.3 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: 40.908 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA\_F

ClientSampleId :

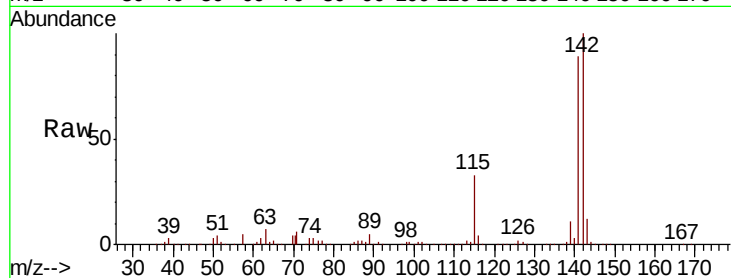
Tot Ion:142 Resp: 868427

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.4

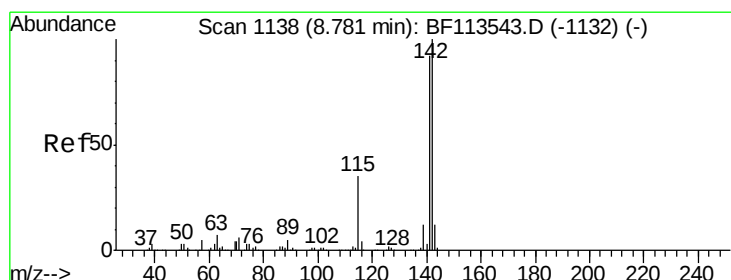
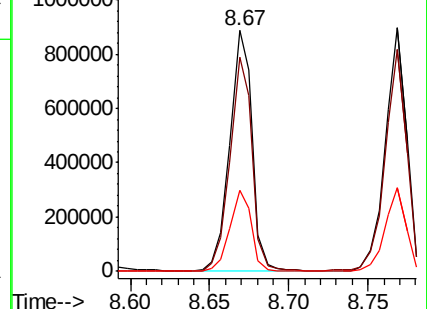
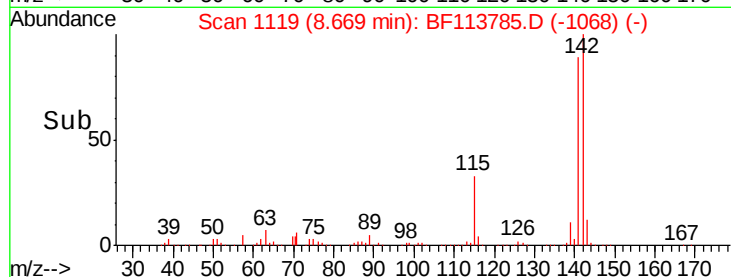
115 33.5 26.8 40.2



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: 40.621 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

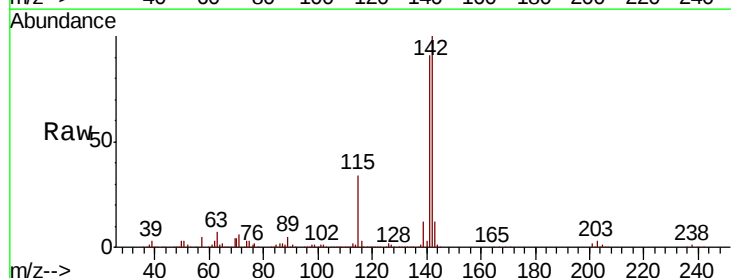
Tgt Ion:142 Resp: 831506

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.4

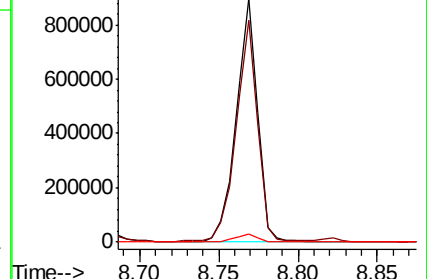
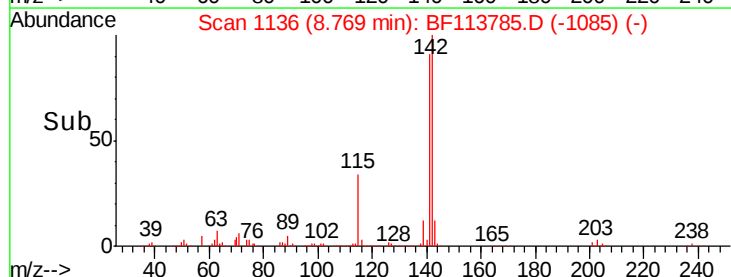
116 3.5 2.8 4.2

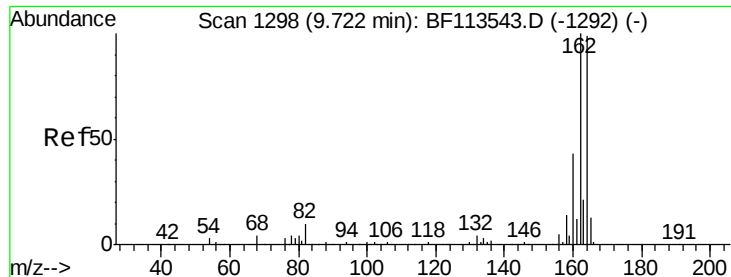


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

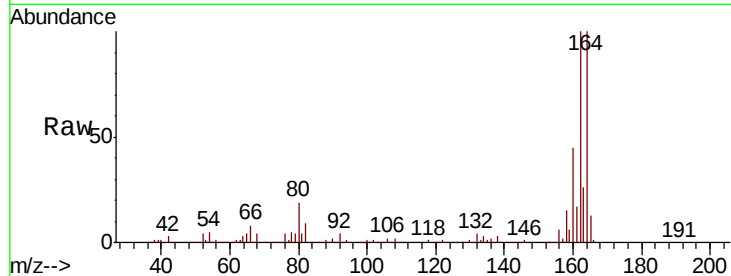




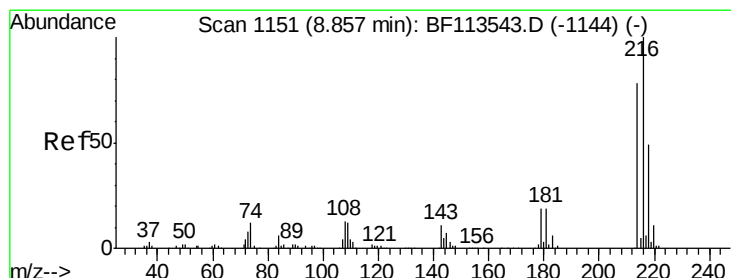
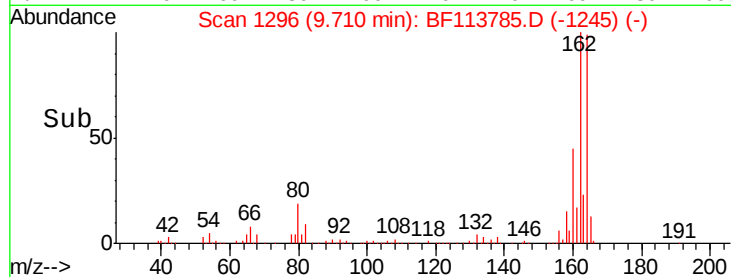
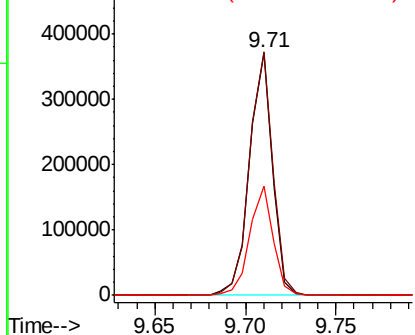
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.71 min Scan# 1296  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.2 | 80.2  | 120.2 |
| 160     | 44.7  | 35.8  | 53.6  |

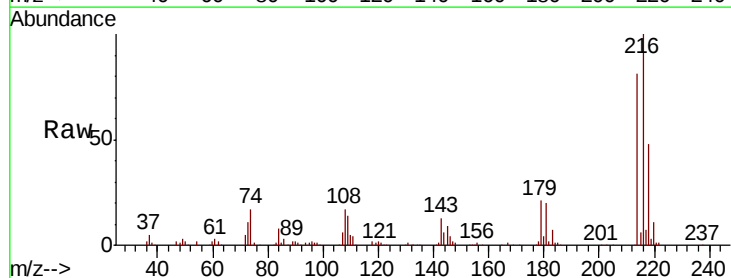


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

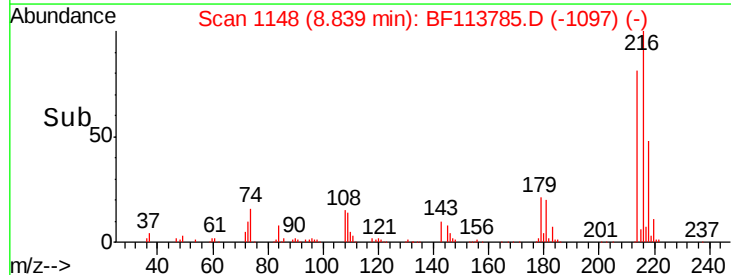
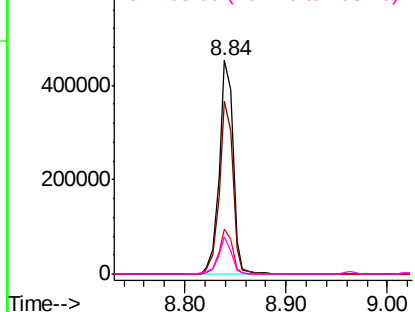


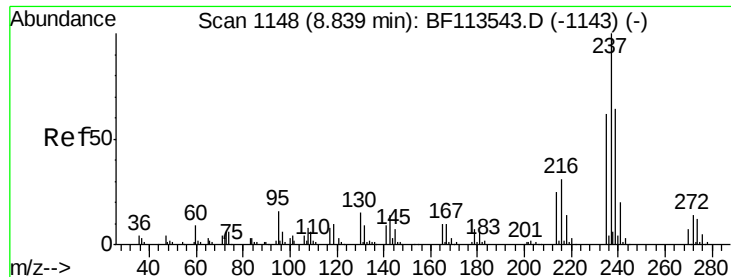
#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.746 ng  
 RT: 8.84 min Scan# 1148  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.4  | 63.5  | 95.3  |
| 179     | 20.2  | 16.2  | 24.2  |
| 108     | 16.6  | 13.3  | 19.9  |



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

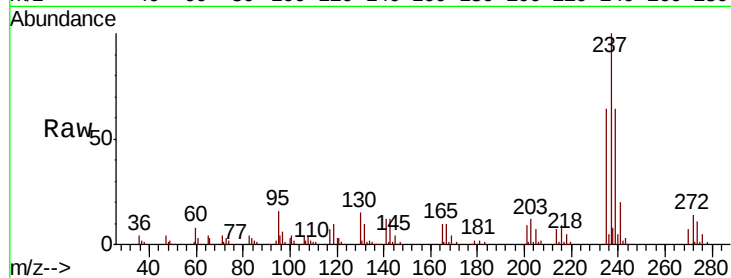




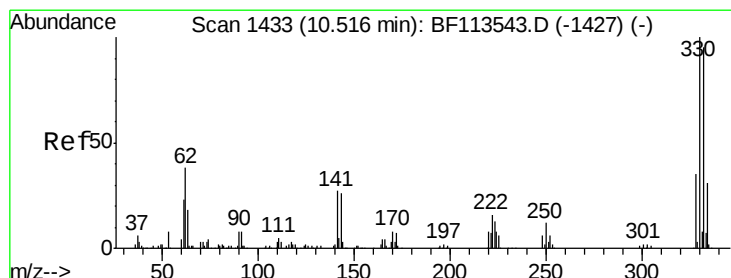
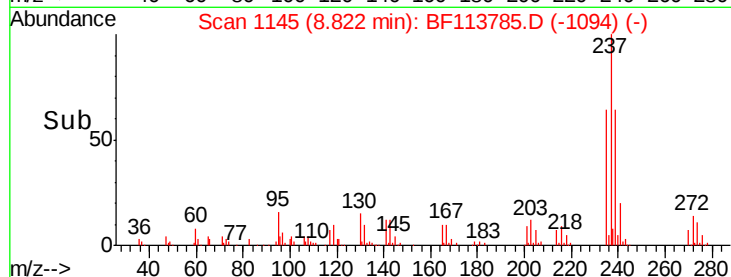
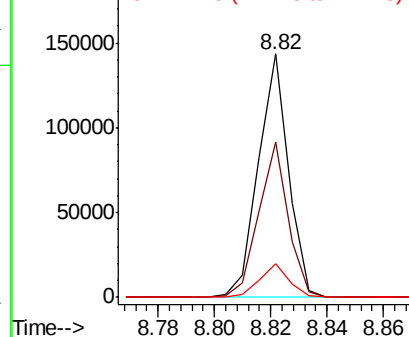
#41  
Hexachlorocyclopentadiene  
Concen: 37.346 ng  
RT: 8.82 min Scan# 1145  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 63.9  | 43.9  | 83.9  |
| 272     | 14.0  | 0.0   | 34.0  |

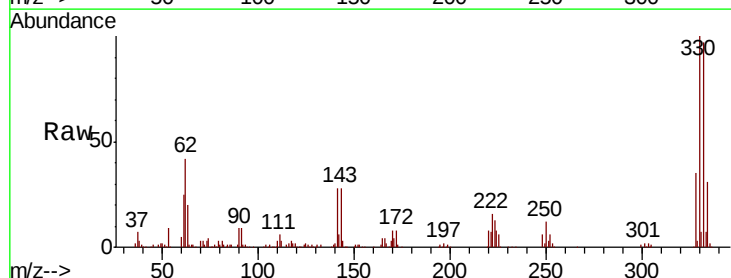


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

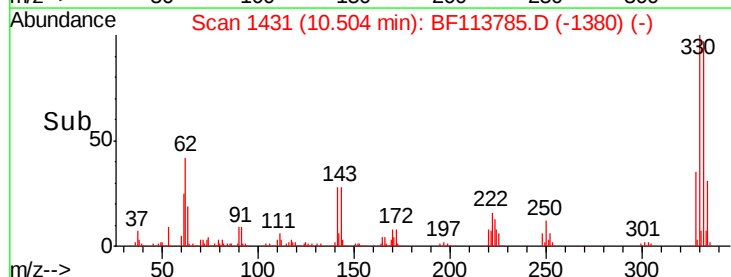
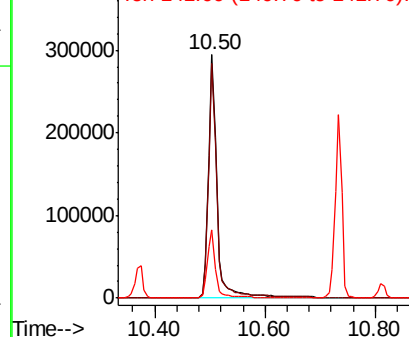


#42  
2,4,6-Tribromophenol  
Concen: 81.317 ng  
RT: 10.50 min Scan# 1431  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 76.8  | 115.2 |
| 141     | 26.2  | 21.0  | 31.4  |



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

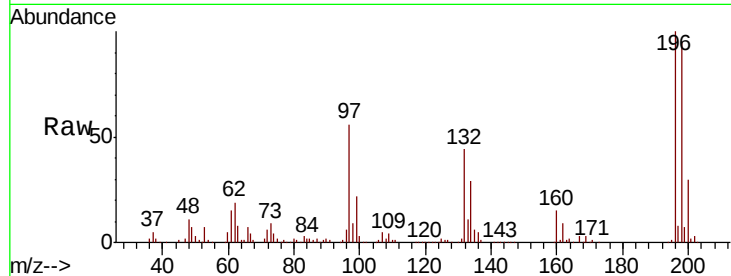




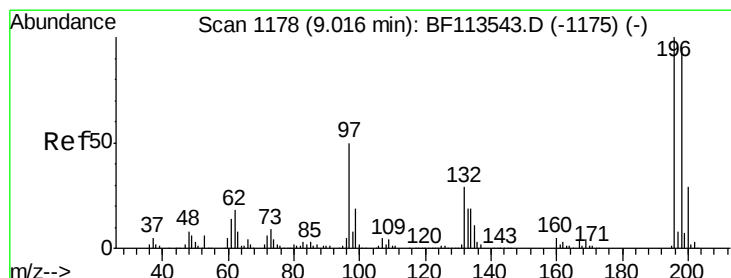
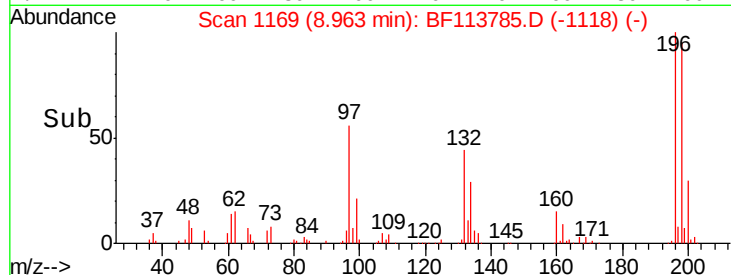
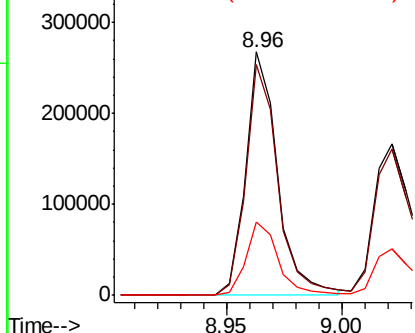
#43  
 2,4,6-Trichlorophenol  
 Concen: 38.841 ng  
 RT: 8.96 min Scan# 1169  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:196 Resp: 258410  
 Ion Ratio Lower Upper  
 196 100  
 198 94.7 75.8 113.6  
 200 30.2 24.2 36.2

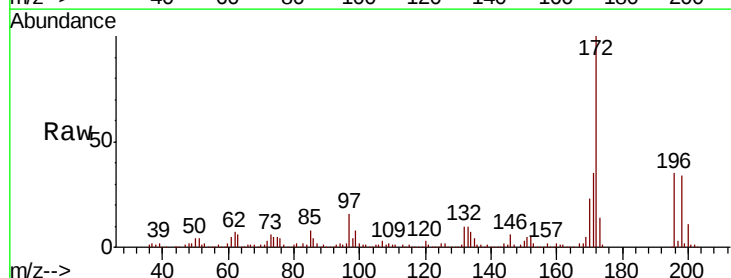


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

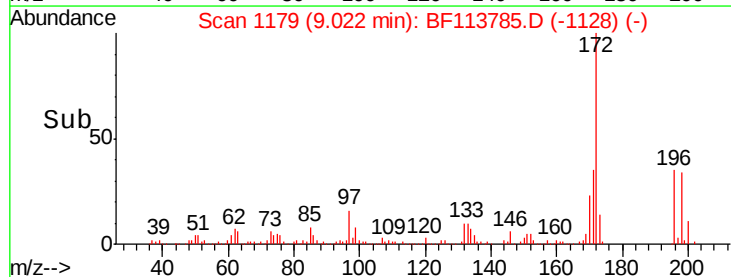
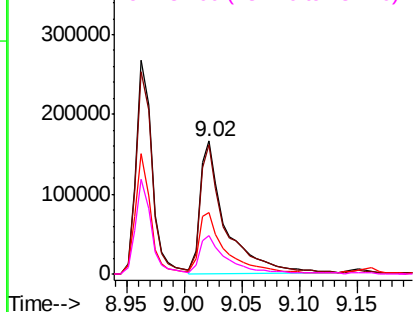


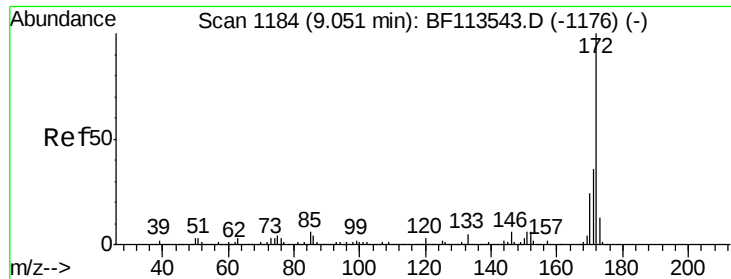
#44  
 2,4,5-Trichlorophenol  
 Concen: 35.800 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

Tgt Ion:196 Resp: 255700  
 Ion Ratio Lower Upper  
 196 100  
 198 97.2 77.8 116.6  
 97 46.0 36.8 55.2  
 132 28.8 23.0 34.6



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

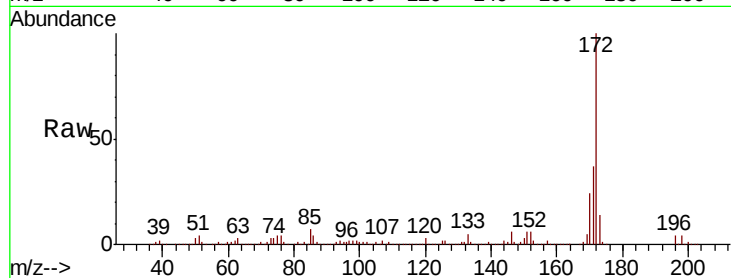




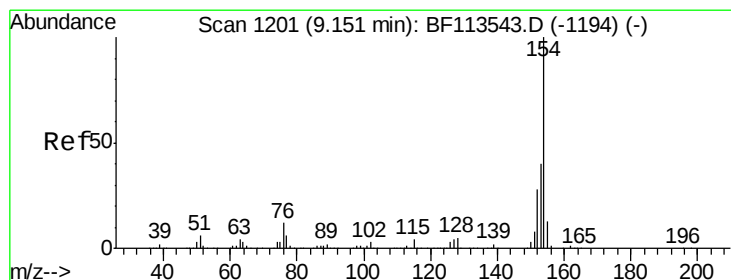
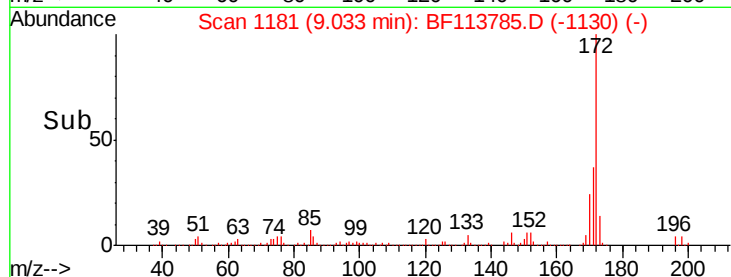
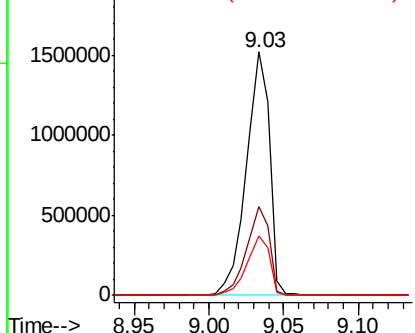
#45  
2-Fluorobiphenyl  
Concen: 80.528 ng  
RT: 9.03 min Scan# 1181  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 1630150  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.3 43.9  
170 24.5 19.6 29.4

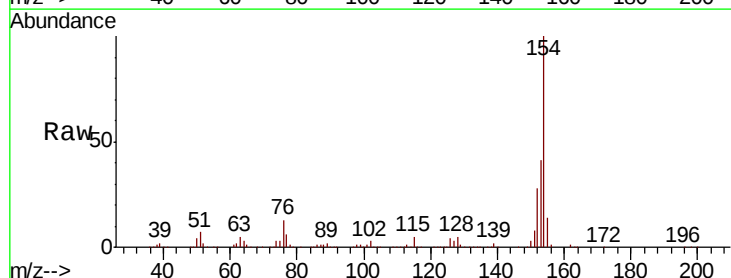


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

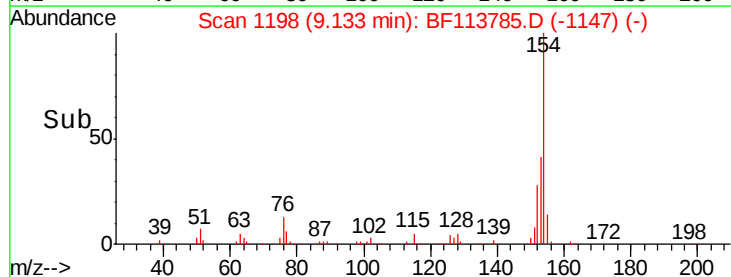
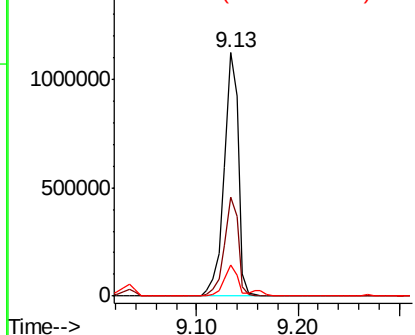


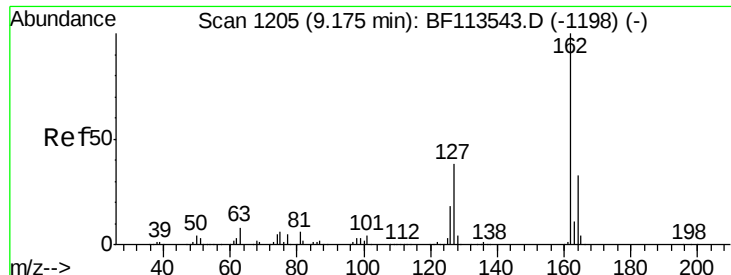
#46  
1,1'-Biphenyl  
Concen: 40.531 ng  
RT: 9.13 min Scan# 1198  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Tgt Ion:154 Resp: 1089972  
Ion Ratio Lower Upper  
154 100  
153 40.5 20.5 60.5  
76 12.7 0.0 32.7



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

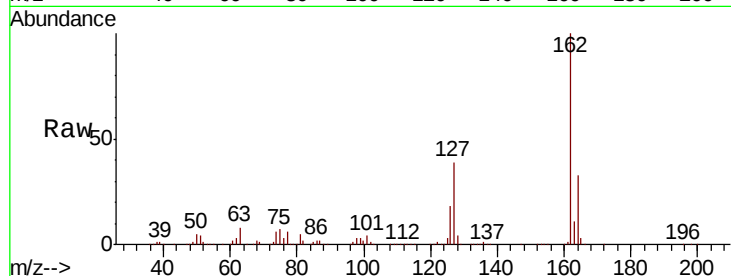




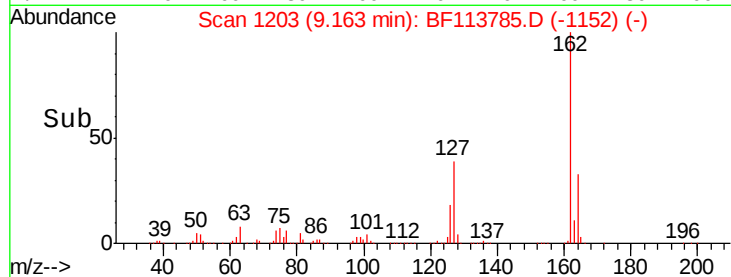
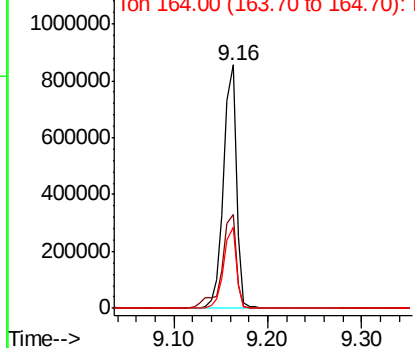
#47  
 2-Chloronaphthalene  
 Concen: 40.619 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.8  | 31.0  | 46.6  |
| 164     | 33.3  | 26.6  | 40.0  |

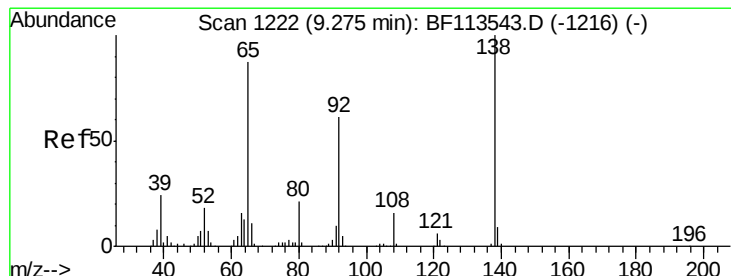


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

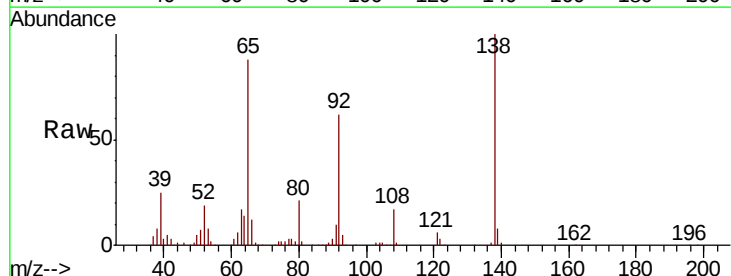
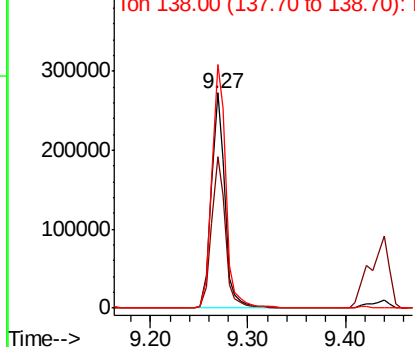


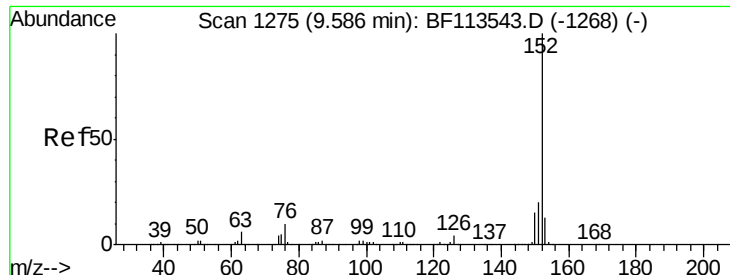
#48  
 2-Nitroaniline  
 Concen: 42.312 ng  
 RT: 9.27 min Scan# 1221  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.6  | 56.5  | 84.7  |
| 138     | 113.1 | 90.5  | 135.7 |



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: 38.933 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA\_F

ClientSampleId :

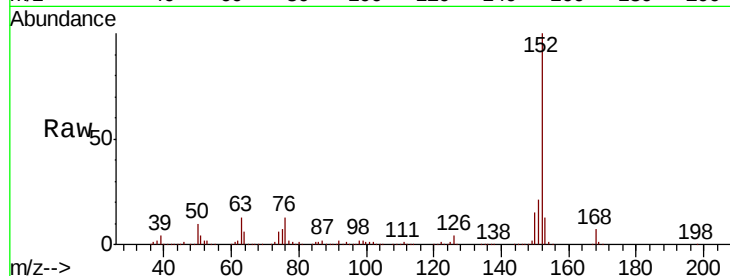
Tot Ion:152 Resp: 1289071

Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

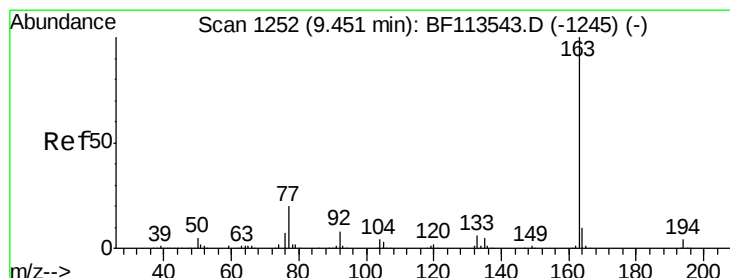
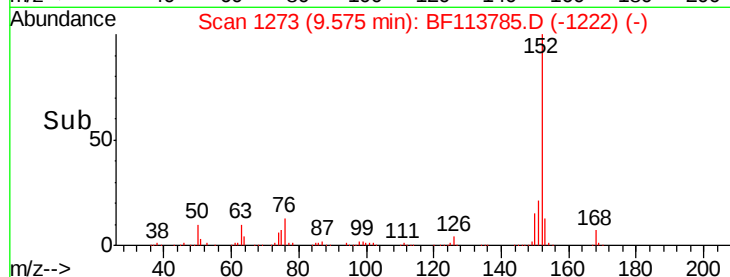
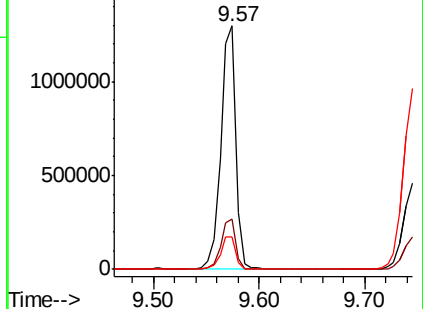
153 13.3 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.603 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

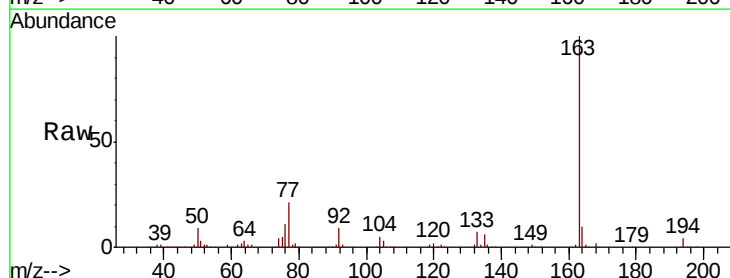
Tgt Ion:163 Resp: 927364

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

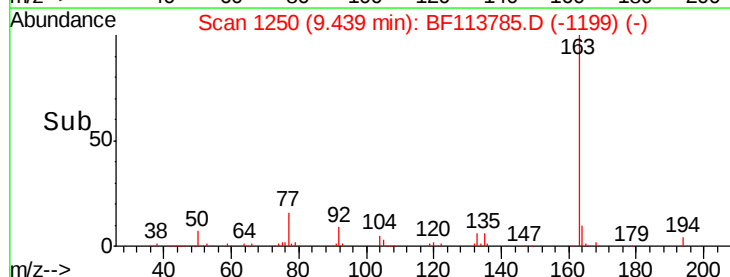
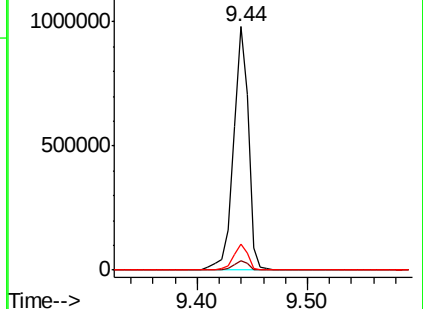
164 10.4 8.3 12.5

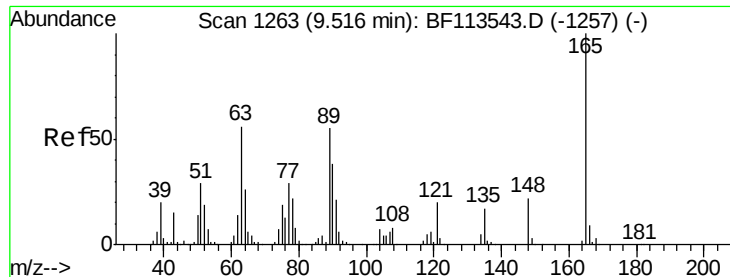


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

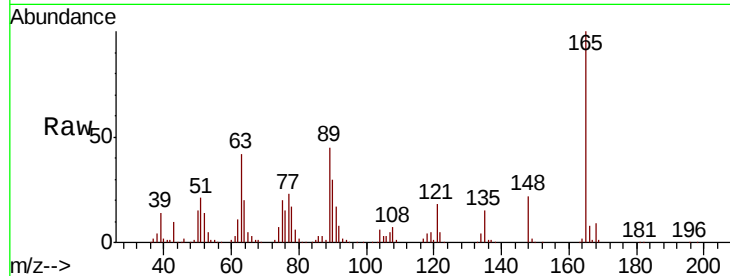




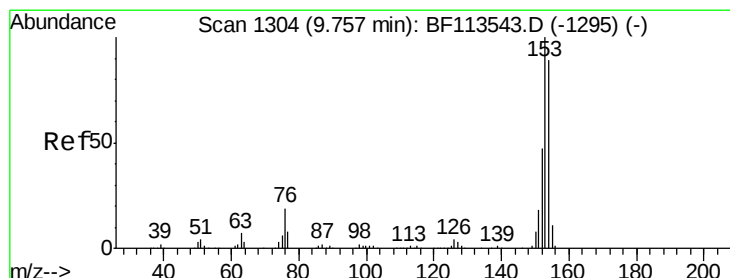
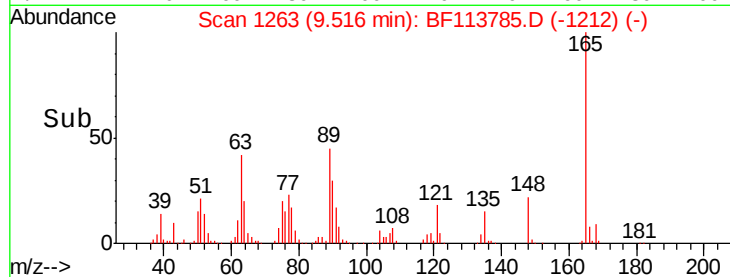
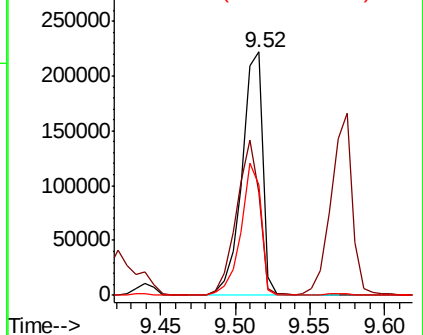
#51  
 2,6-Dinitrotoluene  
 Concen: 40.574 ng  
 RT: 9.52 min Scan# 1263  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.3  | 33.8  | 50.8  |
| 89      | 45.2  | 36.2  | 54.2  |

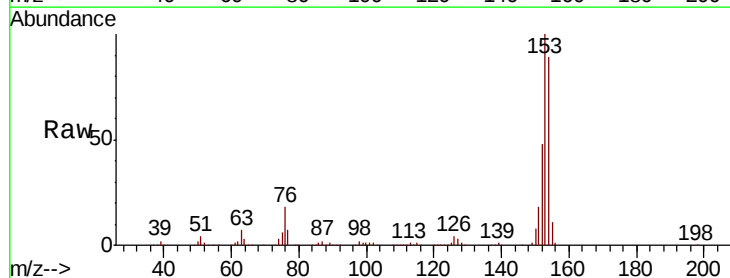


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

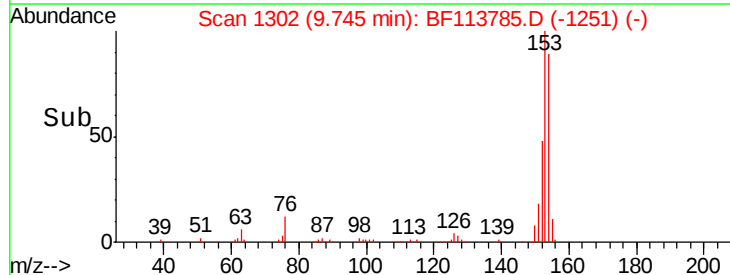
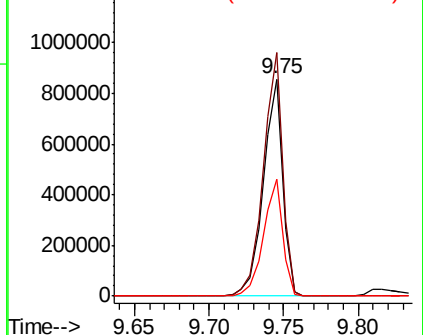


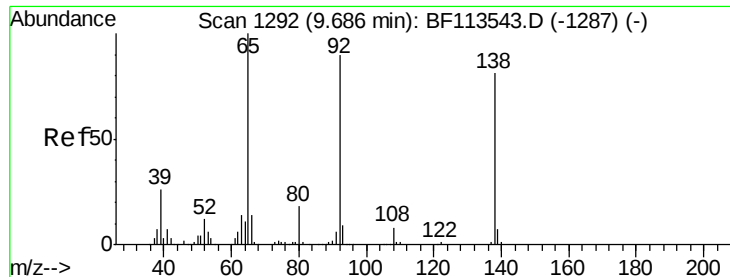
#52  
 Acenaphthene  
 Concen: 40.182 ng  
 RT: 9.75 min Scan# 1302  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.2 | 89.8  | 134.6 |
| 152     | 53.6  | 42.9  | 64.3  |



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

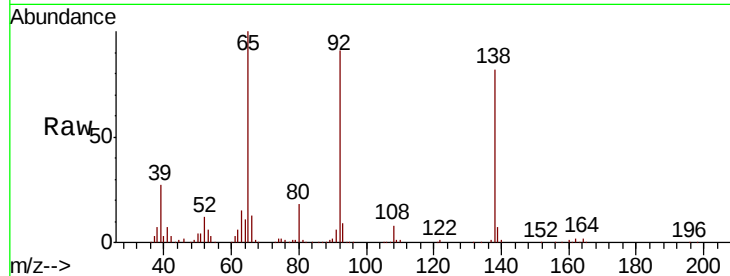




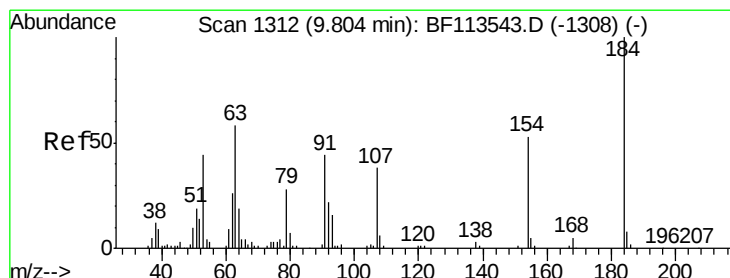
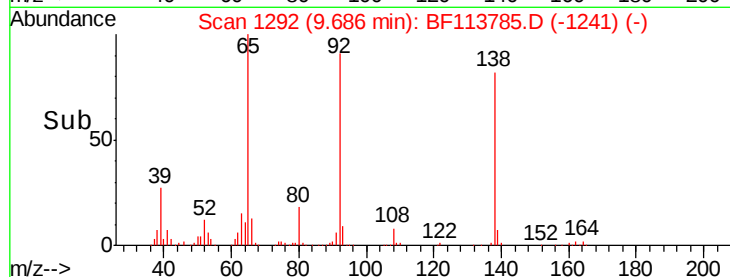
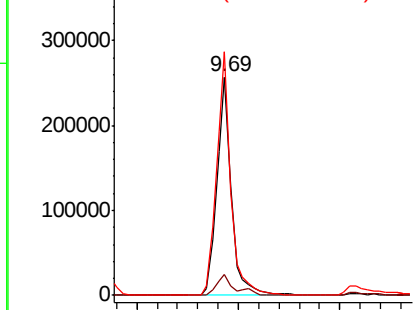
#53  
3-Nitroaniline  
Concen: 42.436 ng  
RT: 9.69 min Scan# 1292  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 255485  
Ion Ratio Lower Upper  
138 100  
108 9.3 7.4 11.2  
92 111.4 89.1 133.7

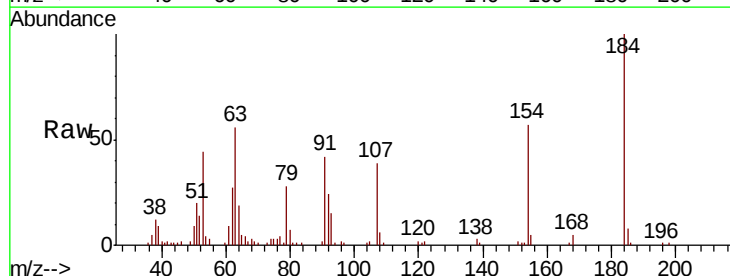


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

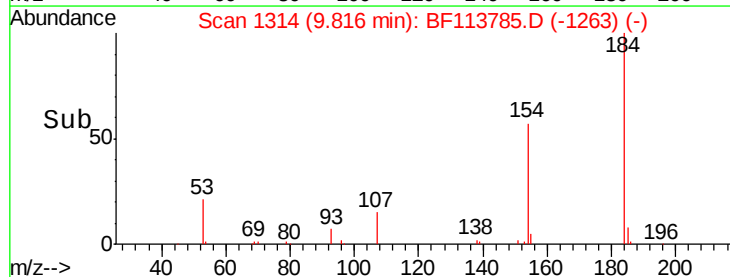
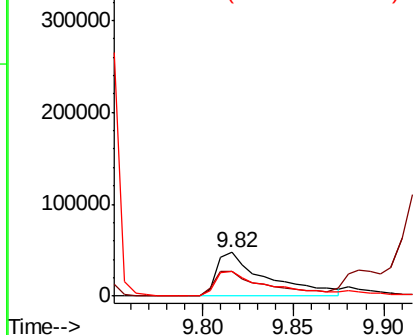


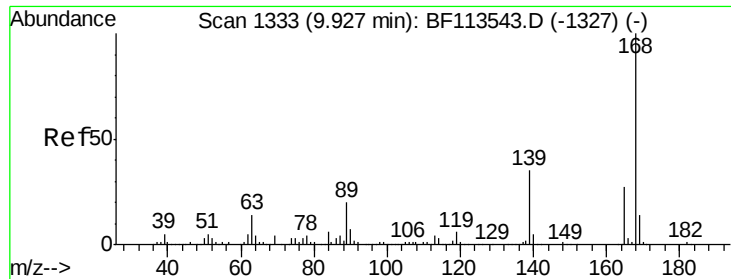
#54  
2,4-Dinitrophenol  
Concen: 36.814 ng  
RT: 9.82 min Scan# 1314  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Tgt Ion:184 Resp: 91203  
Ion Ratio Lower Upper  
184 100  
63 56.2 45.0 67.4  
154 56.8 45.4 68.2



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

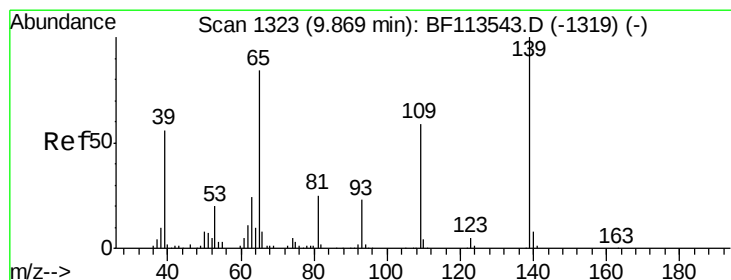
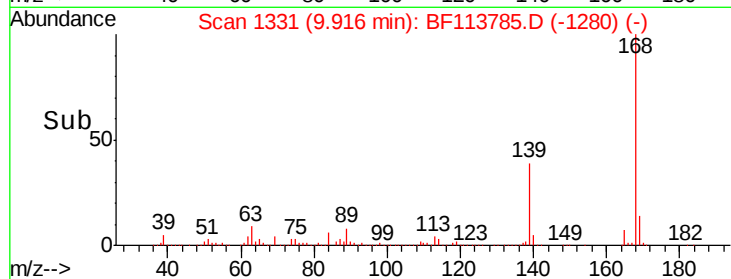
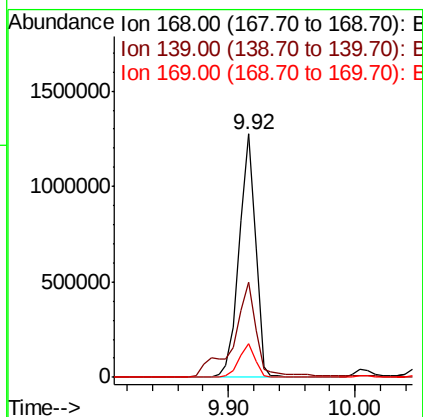
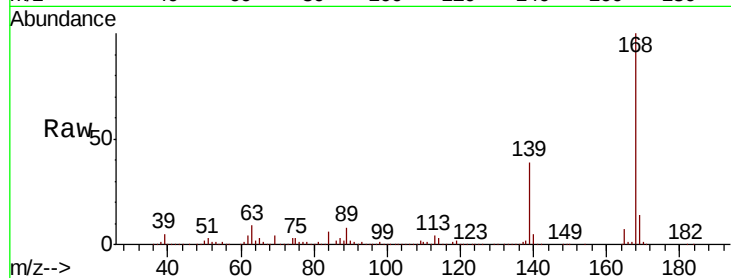




#55  
Dibenzofuran  
Concen: 40.524 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

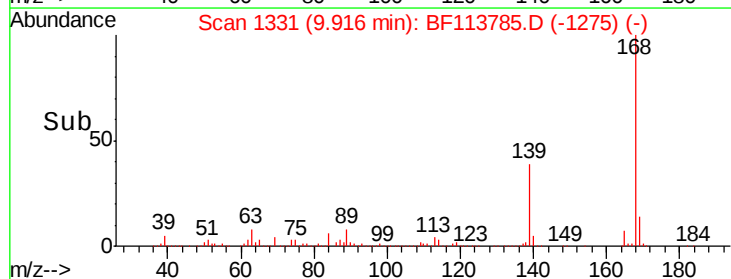
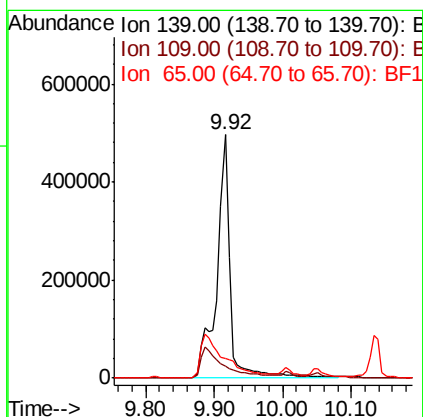
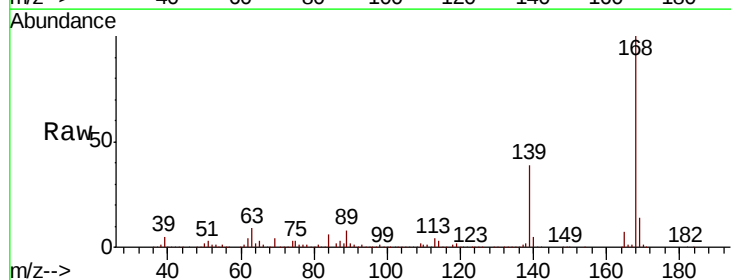
Instrument :  
BNA\_F  
ClientSampleId :

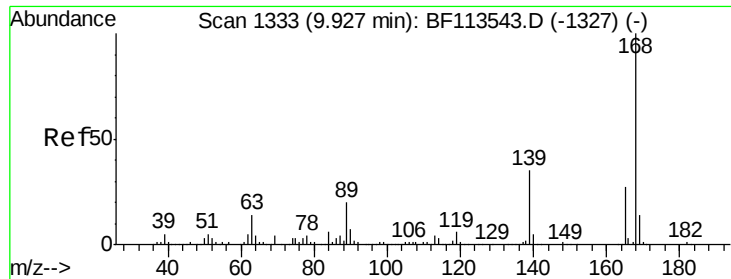
Tot Ion:168 Resp: 1126635  
Ion Ratio Lower Upper  
168 100  
139 38.9 31.1 46.7  
169 14.0 11.2 16.8



#56  
4-Nitrophenol  
Concen: 178.482 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. 0.03 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Tgt Ion:139 Resp: 666569  
Ion Ratio Lower Upper  
139 100  
109 4.8 42.2 82.2#  
65 8.2 69.4 109.4#

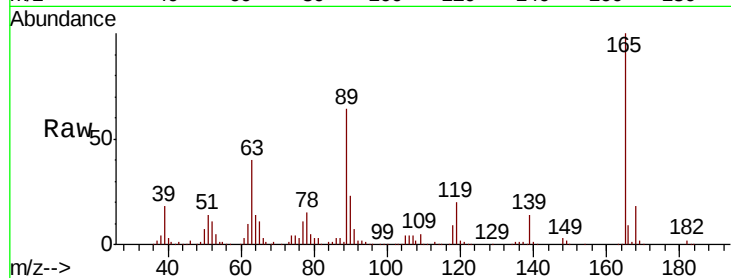




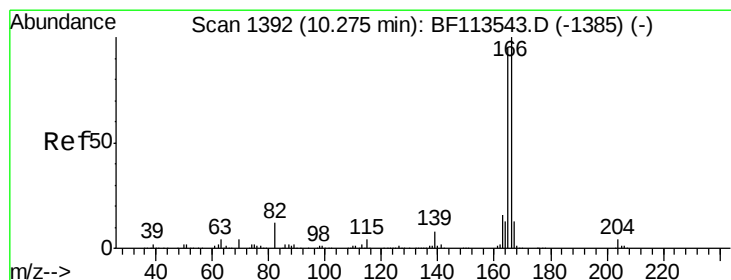
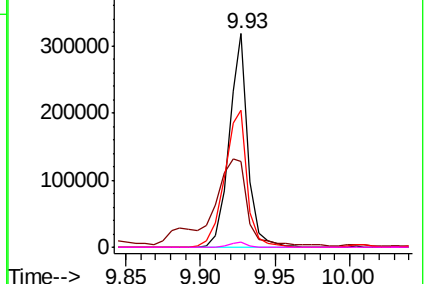
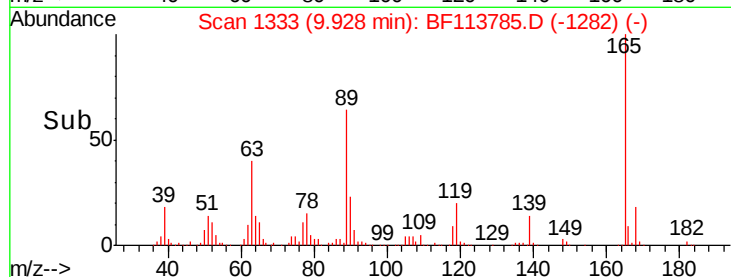
#57  
 2,4-Dinitrotoluene  
 Concen: 43.780 ng  
 RT: 9.93 min Scan# 1333  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 280377 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 40.2  | 32.2  | 48.2   |
| 89       | 64.1  | 51.3  | 76.9   |
| 182      | 2.5   | 2.0   | 3.0    |

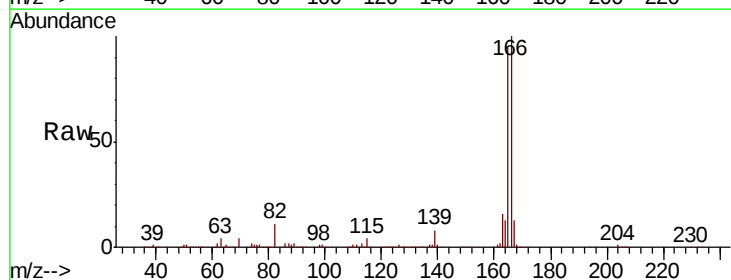


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1  
 Ion 182.00 (181.70 to 182.70): E

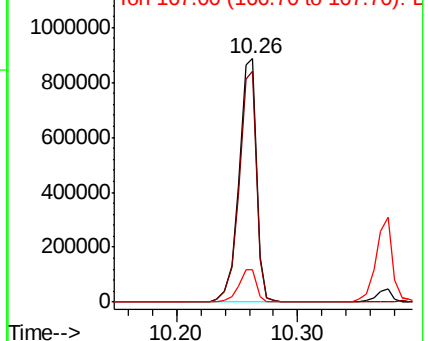
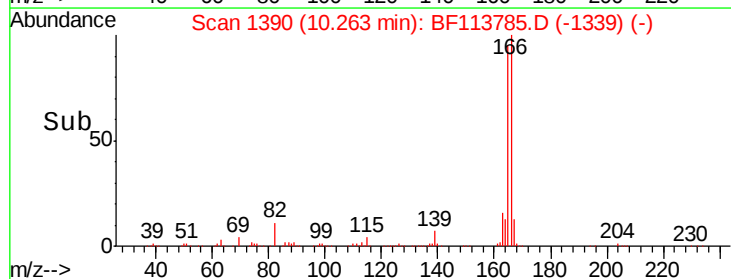


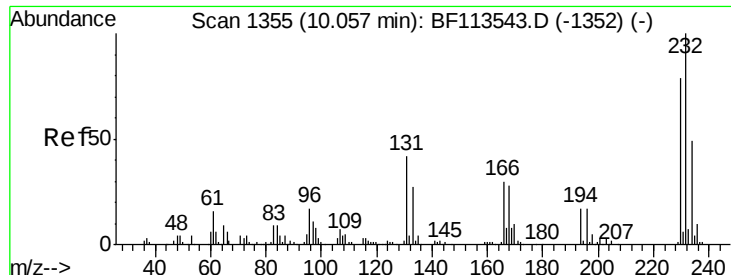
#58  
 Fluorene  
 Concen: 40.843 ng  
 RT: 10.26 min Scan# 1390  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 898108 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 95.0  | 76.0  | 114.0  |
| 167      | 13.4  | 10.7  | 16.1   |



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

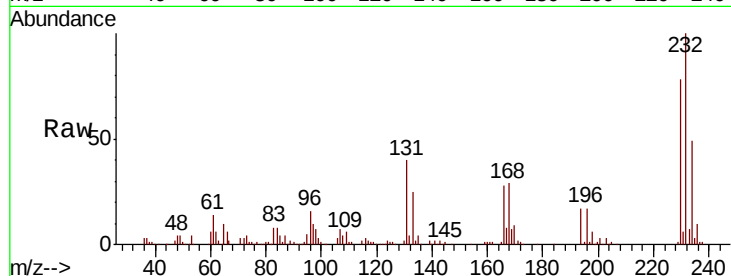




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.805 ng  
 RT: 10.05 min Scan# 1354  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 33.5  | 26.8  | 40.2  |
| 130     | 1.8   | 1.4   | 2.2   |
| 166     | 22.7  | 18.2  | 27.2  |



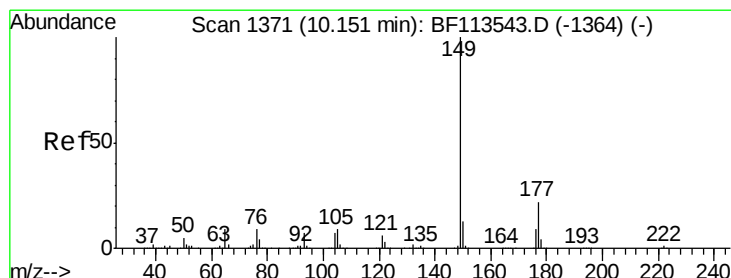
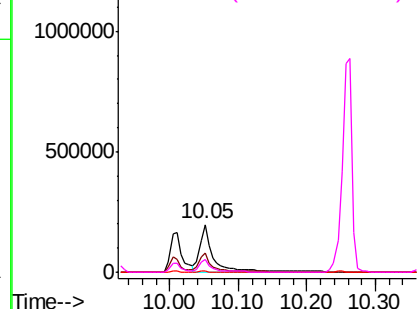
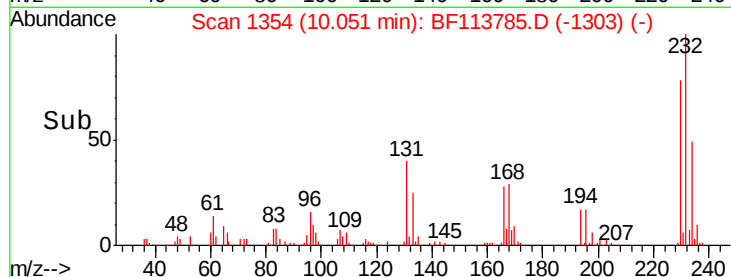
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

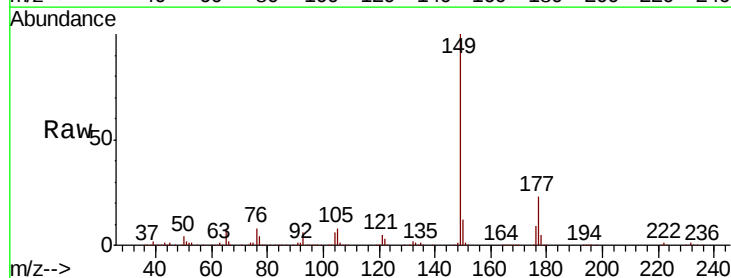
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 39.416 ng  
 RT: 10.14 min Scan# 1369  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.2  | 18.6  | 27.8  |
| 150     | 12.4  | 9.9   | 14.9  |

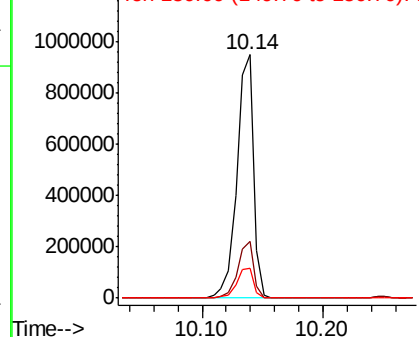
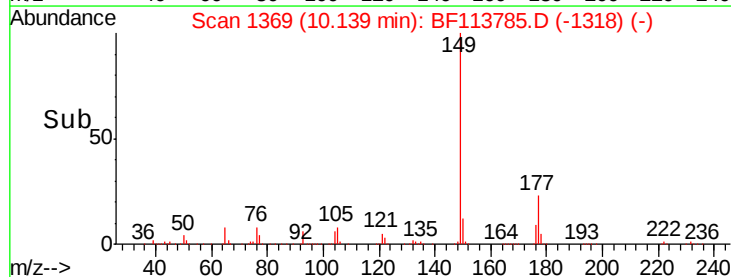


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

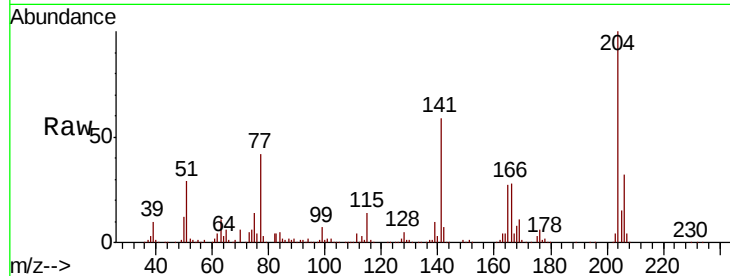




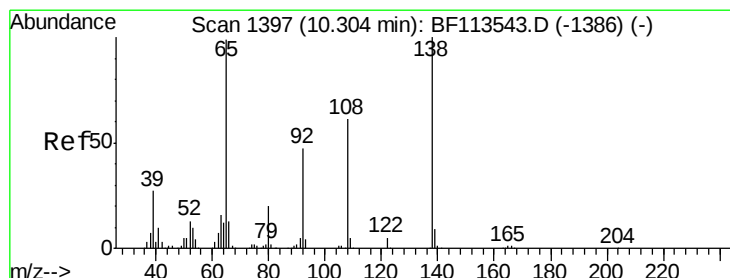
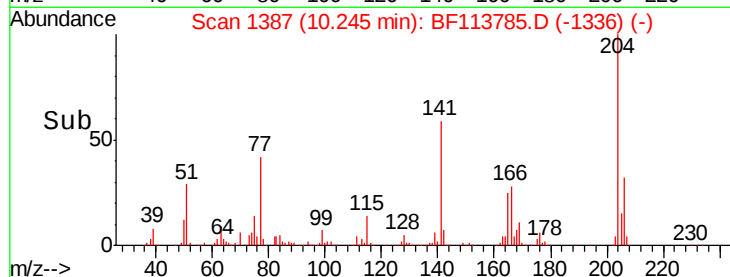
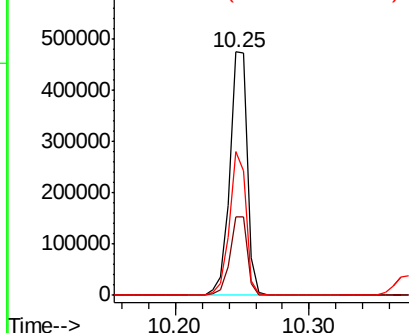
#61  
4-Chlorophenyl-phenylether  
Concen: 41.071 ng  
RT: 10.25 min Scan# 1387  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:204 Resp: 444212  
Ion Ratio Lower Upper  
204 100  
206 32.4 25.9 38.9  
141 58.9 47.1 70.7

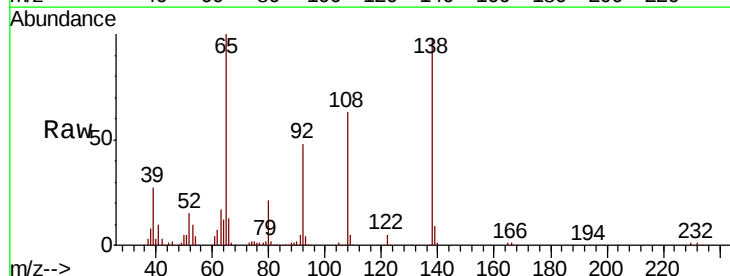


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

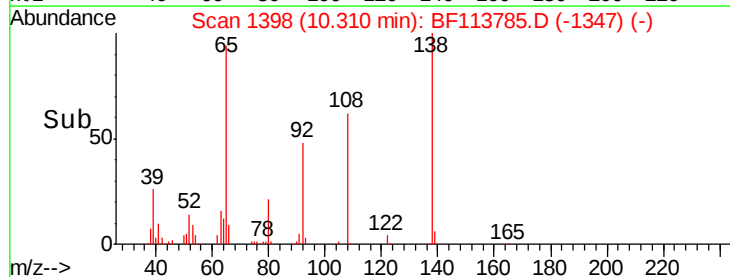
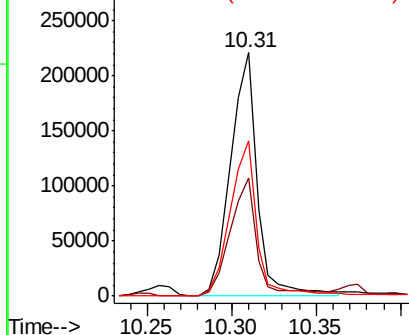


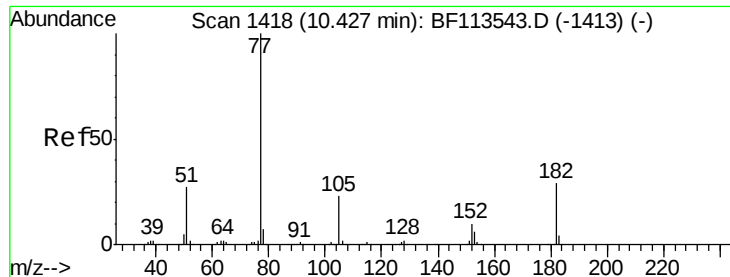
#62  
4-Nitroaniline  
Concen: 39.505 ng  
RT: 10.31 min Scan# 1398  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Tgt Ion:138 Resp: 241853  
Ion Ratio Lower Upper  
138 100  
92 48.6 28.6 68.6  
108 64.0 44.0 84.0



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

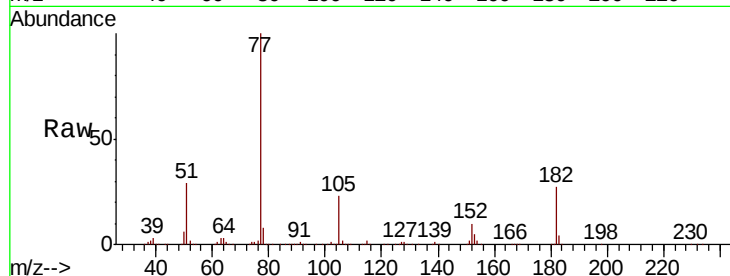




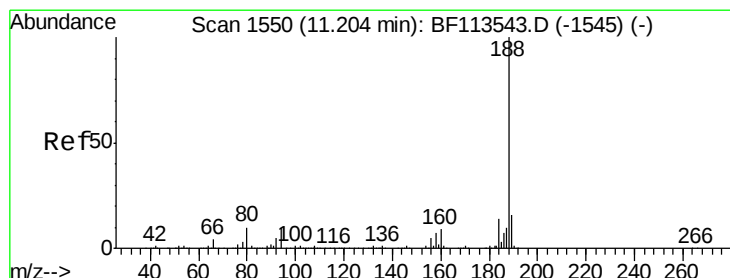
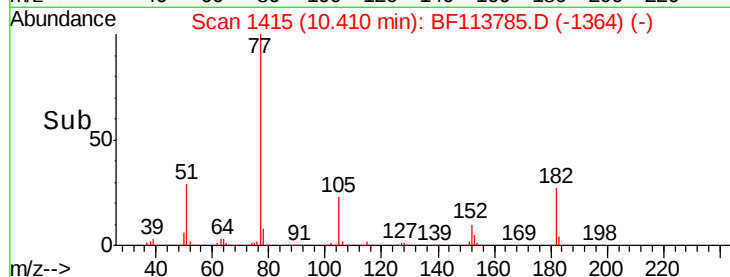
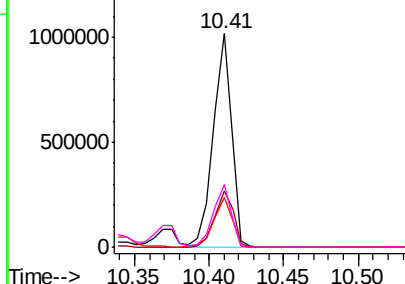
#63  
Azobenzene  
Concen: 39.330 ng  
RT: 10.41 min Scan# 1415  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 862526 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 26.5  | 6.5   | 46.5   |
| 105      | 23.1  | 3.1   | 43.1   |
| 51       | 29.3  | 9.3   | 49.3   |

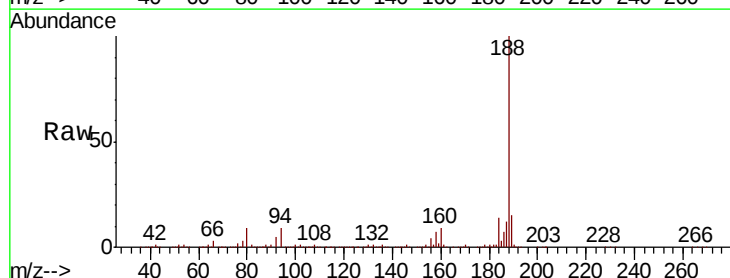


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

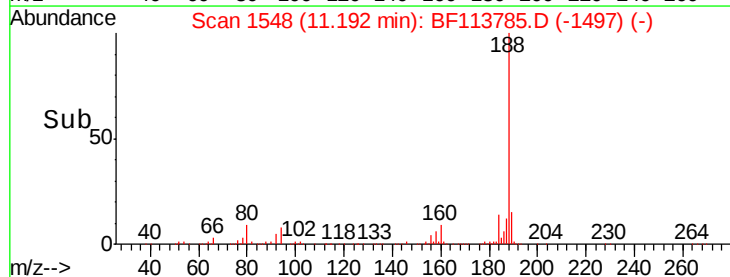
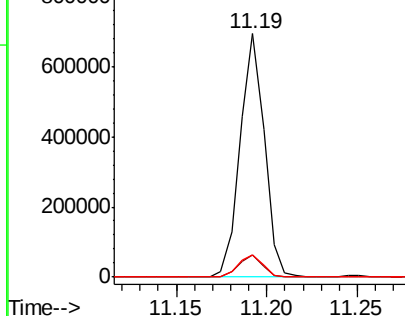


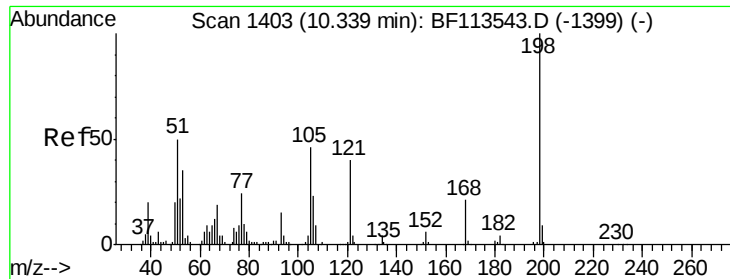
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.19 min Scan# 1548  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 648530 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.0   | 7.2   | 10.8   |
| 80       | 9.3   | 7.4   | 11.2   |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

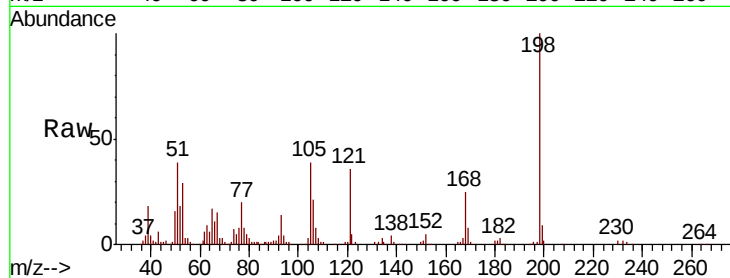




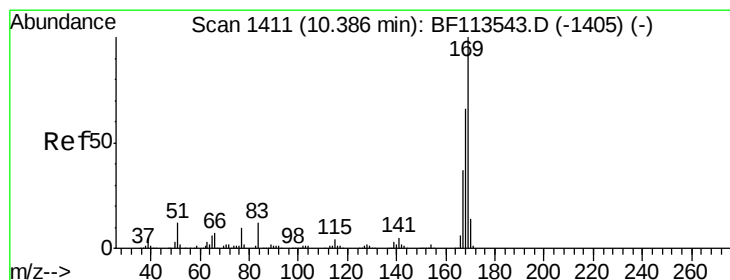
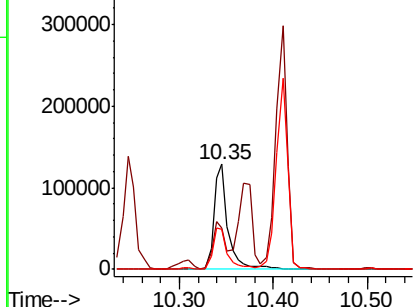
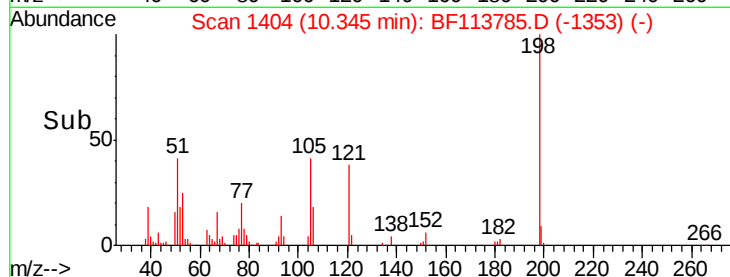
#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.453 ng  
RT: 10.35 min Scan# 1404  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 39.0  | 19.0  | 59.0  |
| 105     | 38.8  | 18.8  | 58.8  |

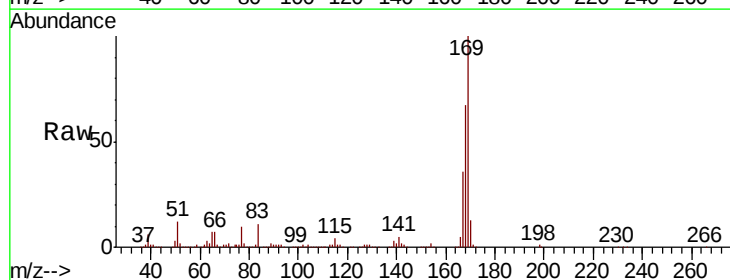


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

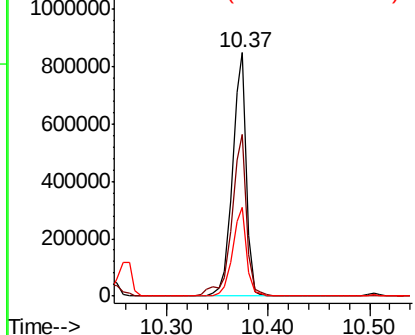
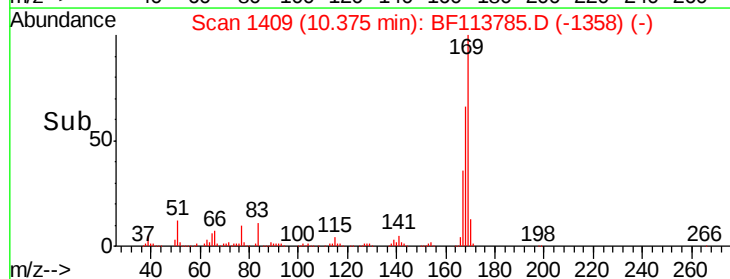


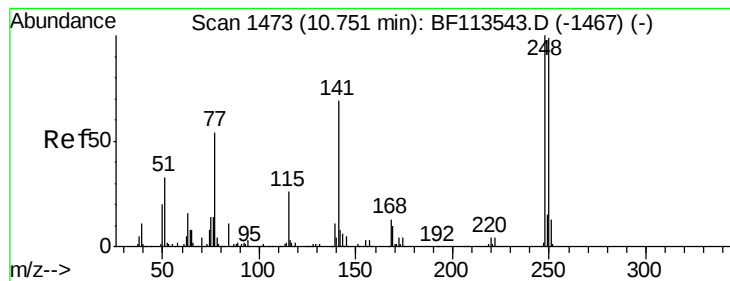
#66  
n-Nitrosodiphenylamine  
Concen: 40.174 ng  
RT: 10.37 min Scan# 1409  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.6  | 53.3  | 79.9  |
| 167     | 36.5  | 29.2  | 43.8  |



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





#67

4-Bromophenyl-phenylether

Concen: 39.897 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA\_F

ClientSampled :

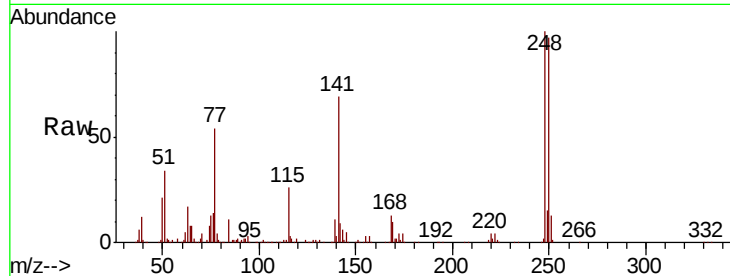
Tot Ion:248 Resp: 290189

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 97.2  | 77.8  | 116.6 |
| 141 | 69.1  | 55.3  | 82.9  |

248 100

250 97.2 77.8 116.6

141 69.1 55.3 82.9

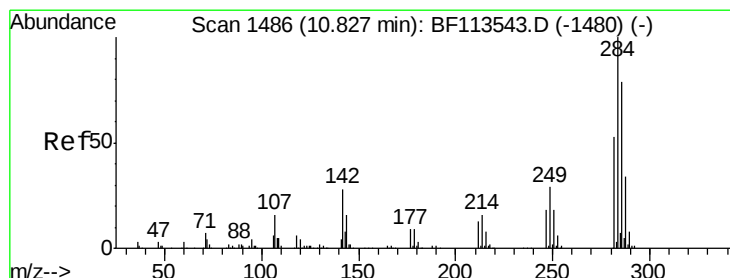
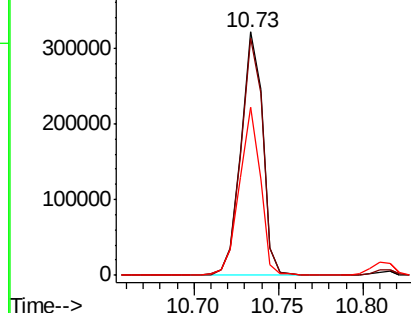
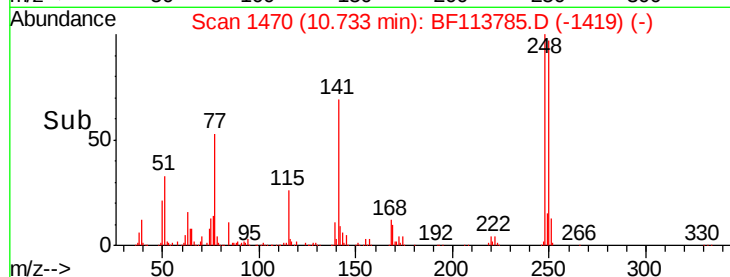


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.898 ng

RT: 10.82 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

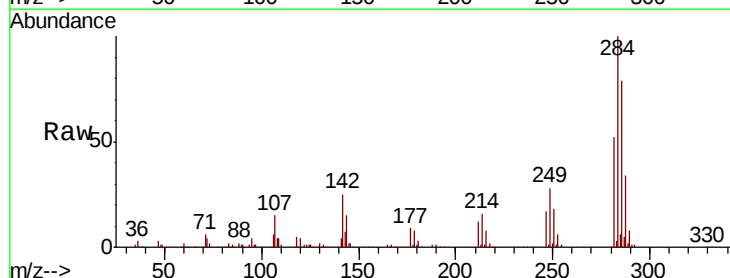
Tgt Ion:284 Resp: 332514

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 284 | 100   |       |       |
| 142 | 25.3  | 20.2  | 30.4  |
| 249 | 27.9  | 22.3  | 33.5  |

284 100

142 25.3 20.2 30.4

249 27.9 22.3 33.5

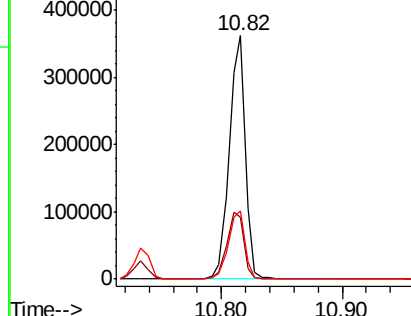
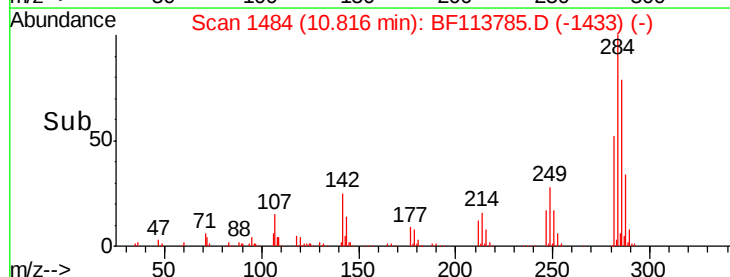


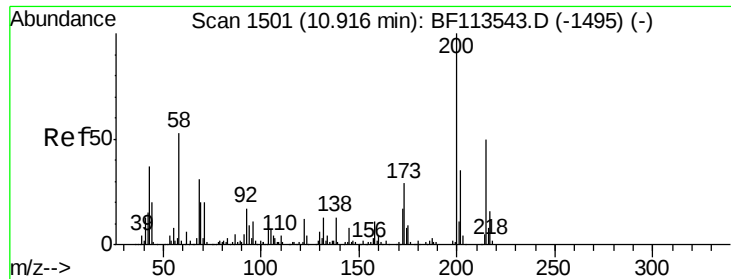
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

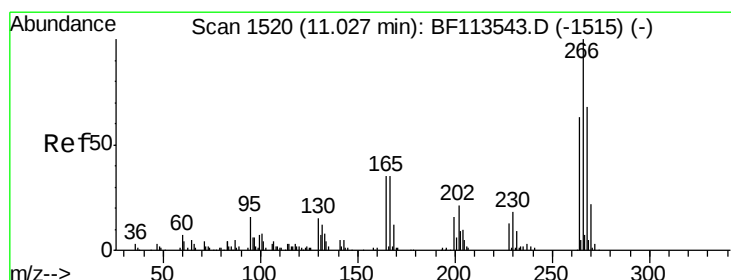
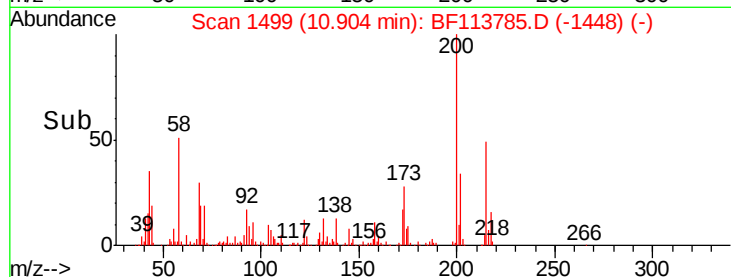
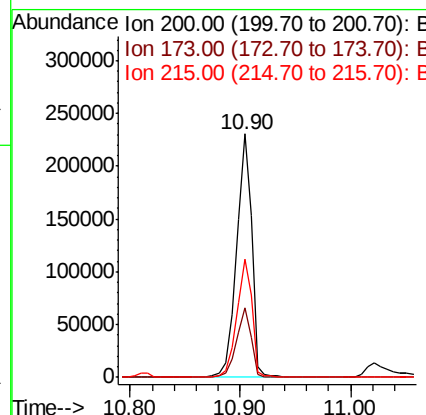
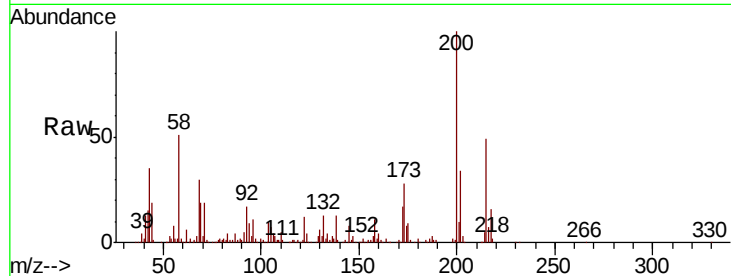




#69  
Atrazine  
Concen: 35.694 ng  
RT: 10.90 min Scan# 1499  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

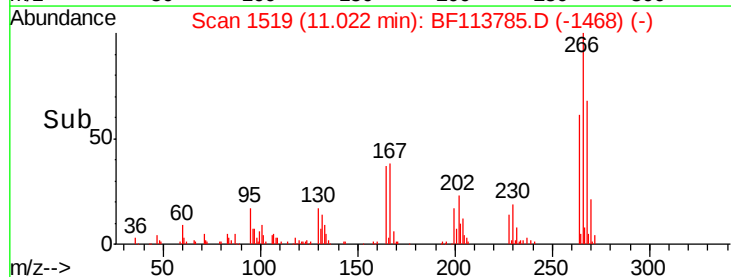
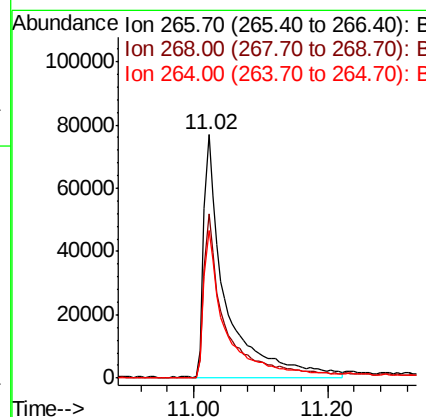
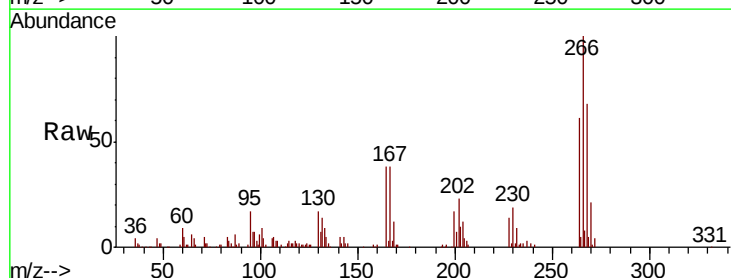
Instrument :  
BNA\_F  
ClientSampleId :

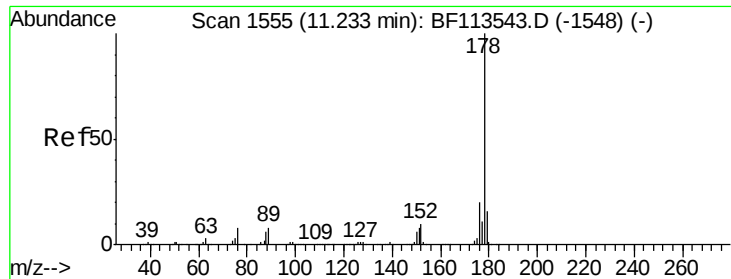
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.4  | 8.4   | 48.4  |
| 215     | 48.7  | 28.7  | 68.7  |



#70  
Pentachlorophenol  
Concen: 42.990 ng  
RT: 11.02 min Scan# 1519  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 67.7  | 54.2  | 81.2  |
| 264     | 60.8  | 48.6  | 73.0  |

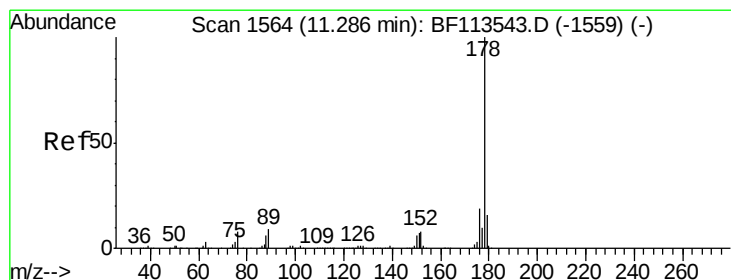
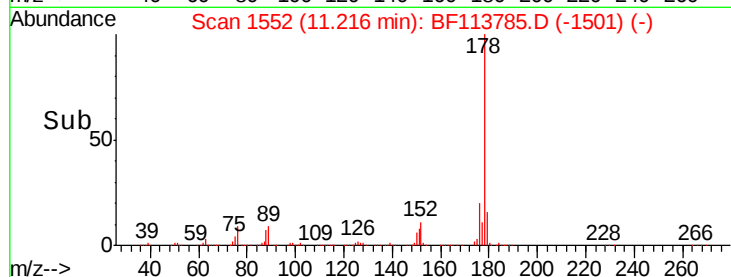
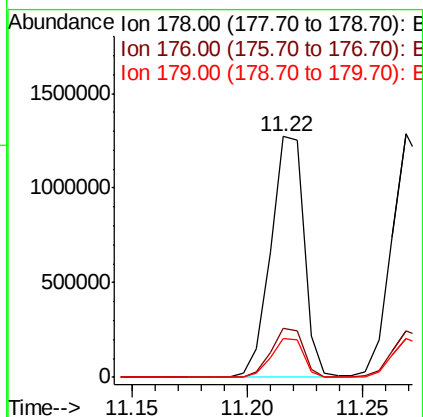
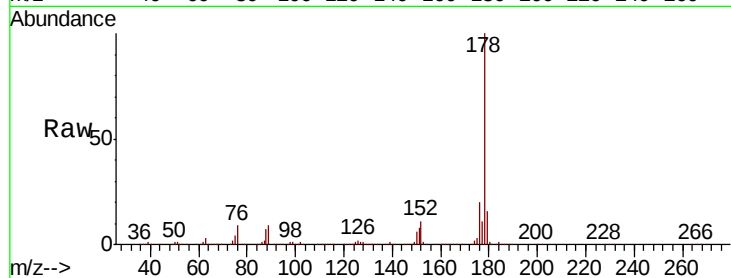




#71  
Phenanthrene  
Concen: 39.579 ng  
RT: 11.22 min Scan# 1552  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

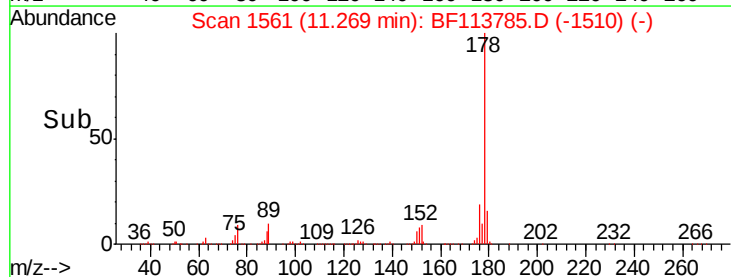
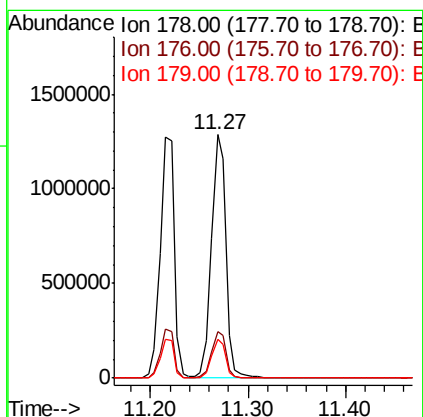
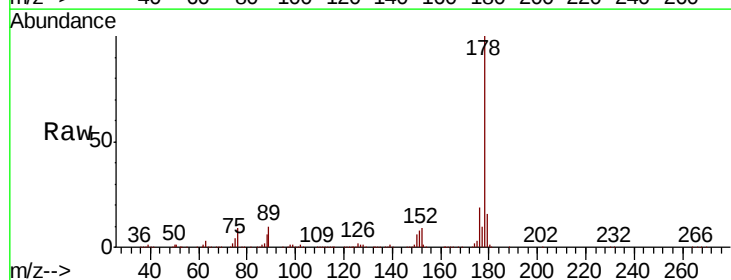
Instrument :  
BNA\_F  
ClientSampleId :

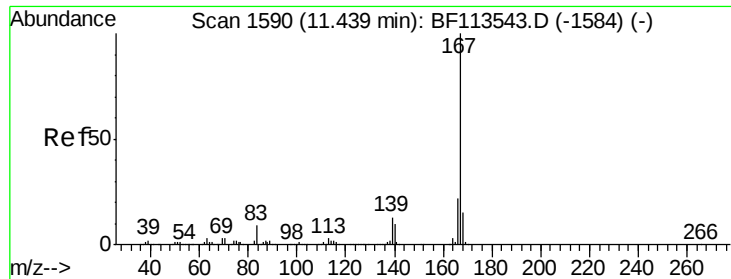
Tot Ion:178 Resp: 1275483  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.2 24.4  
179 16.1 12.9 19.3



#72  
Anthracene  
Concen: 40.558 ng  
RT: 11.27 min Scan# 1561  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Tgt Ion:178 Resp: 1329797  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.0  
179 15.9 12.7 19.1



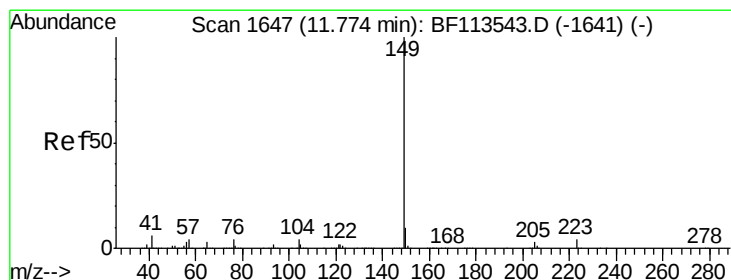
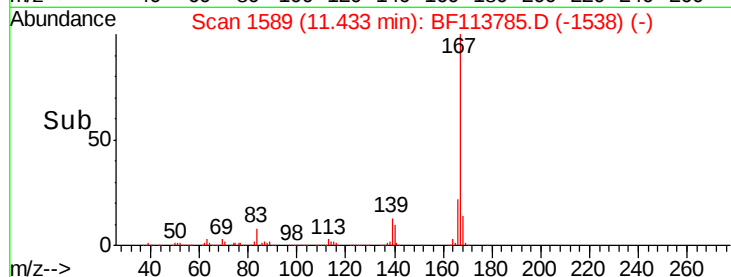
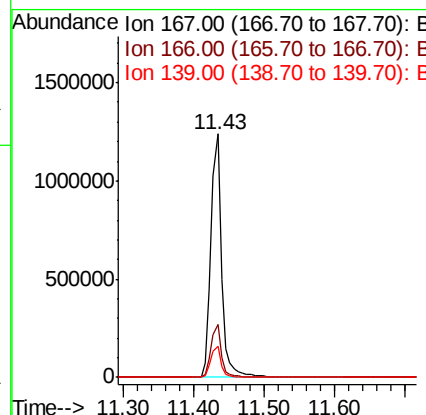
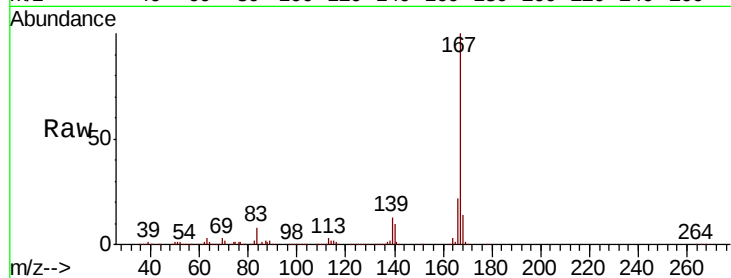


#73  
 Carbazole  
 Concen: 42.229 ng  
 RT: 11.43 min Scan# 1589  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:167 Resp: 1294980  

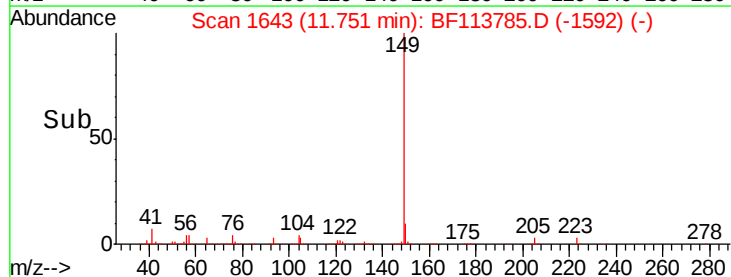
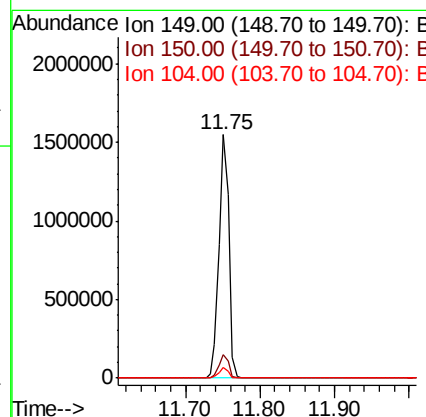
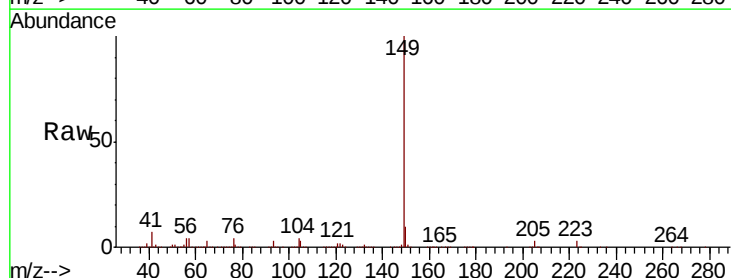
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.0  | 17.6  | 26.4  |
| 139 | 12.6  | 10.1  | 15.1  |

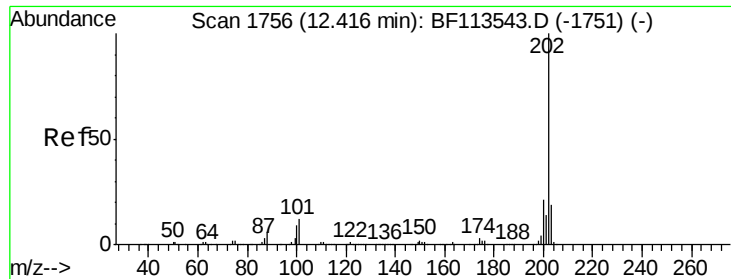


#74  
 Di-n-butylphthalate  
 Concen: 38.528 ng  
 RT: 11.75 min Scan# 1643  
 Delta R.T. 0.00 min  
 Lab File: BF113785.D  
 Acq: 16 Apr 2019 11:01

Tgt Ion:149 Resp: 1405467  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.7   | 7.8   | 11.6  |
| 104 | 4.5   | 3.6   | 5.4   |





#75

Fluoranthene

Concen: 40.637 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA\_F

ClientSampleId :

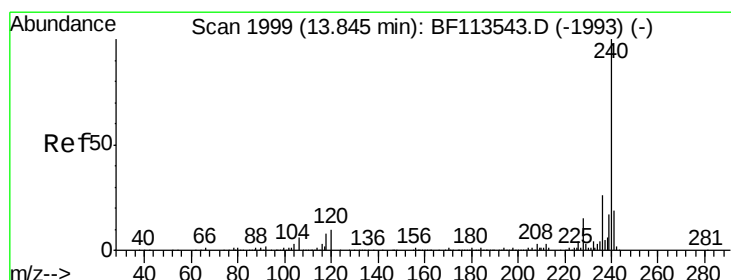
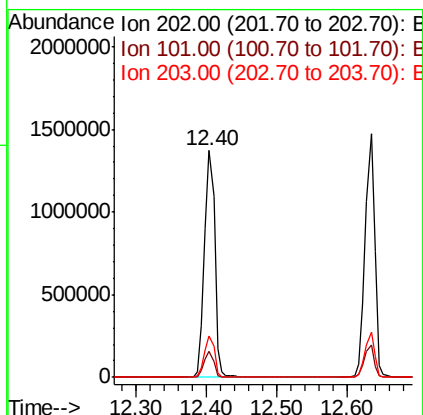
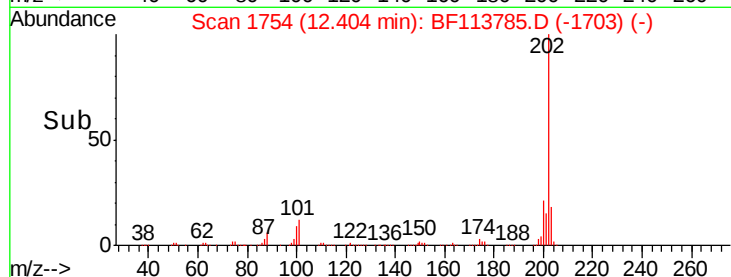
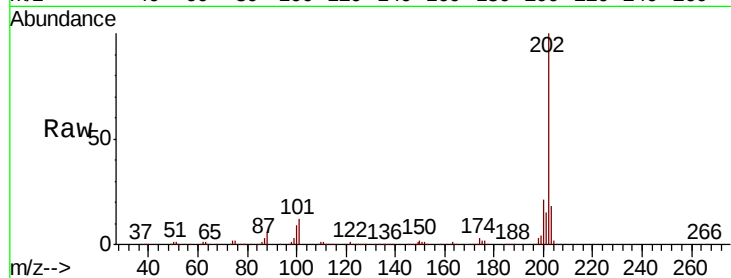
Tot Ion:202 Resp: 1403300

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.8

203 18.2 0.0 38.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

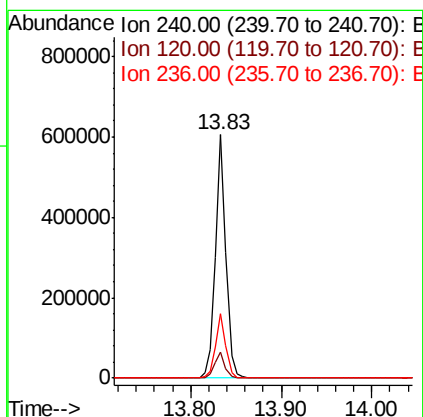
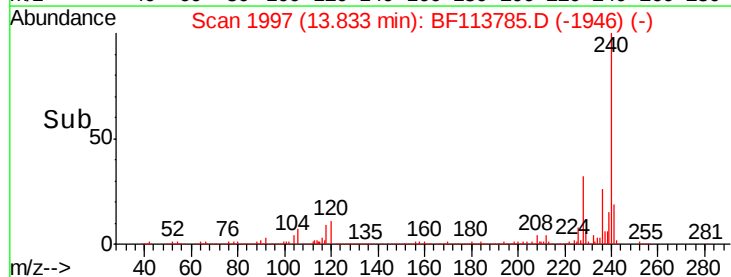
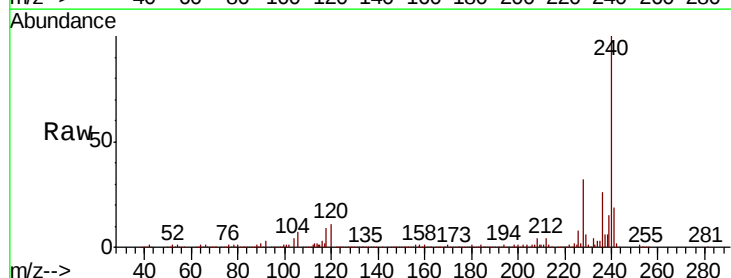
Tgt Ion:240 Resp: 488536

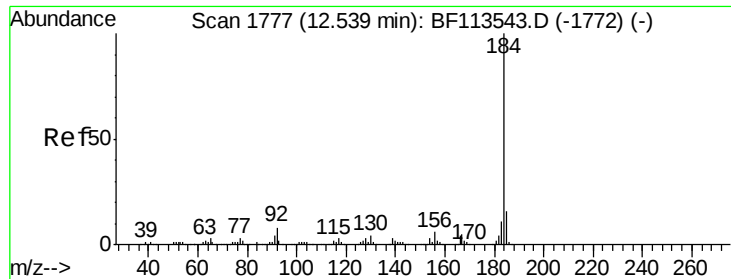
Ion Ratio Lower Upper

240 100

120 10.6 8.5 12.7

236 26.3 21.0 31.6





#77

Benzidine

Concen: 41.668 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

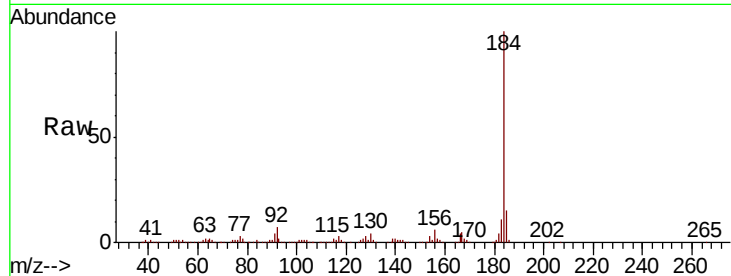
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:184 Resp: 756985

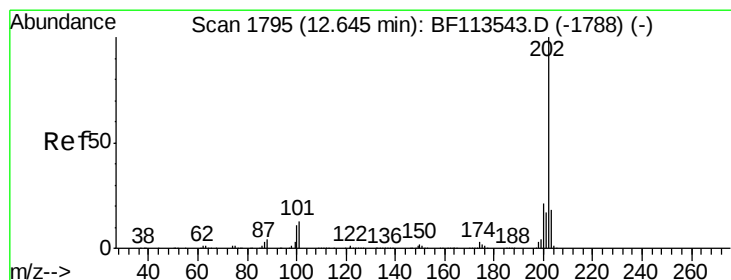
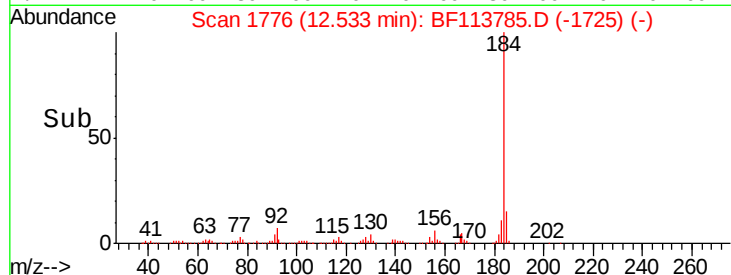
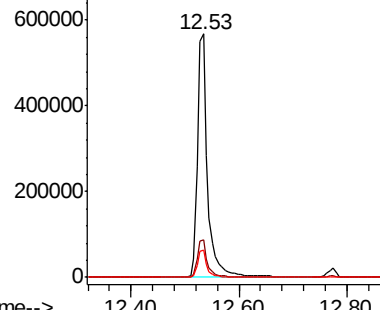
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.4  | 12.3  | 18.5  |
| 183 | 11.0  | 8.8   | 13.2  |



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: 37.598 ng

RT: 12.63 min Scan# 1793

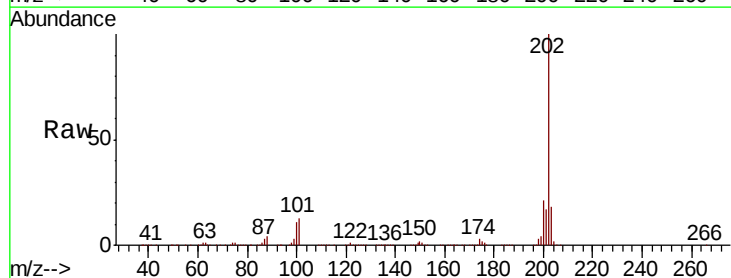
Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Tgt Ion:202 Resp: 1397613

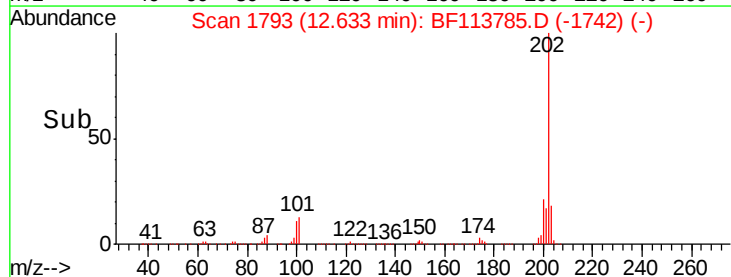
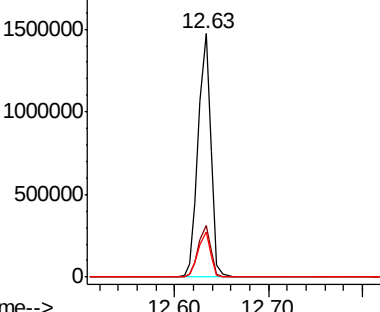
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.4  | 17.1  | 25.7  |
| 203 | 18.4  | 14.7  | 22.1  |



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.465 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA\_F

ClientSampleId :

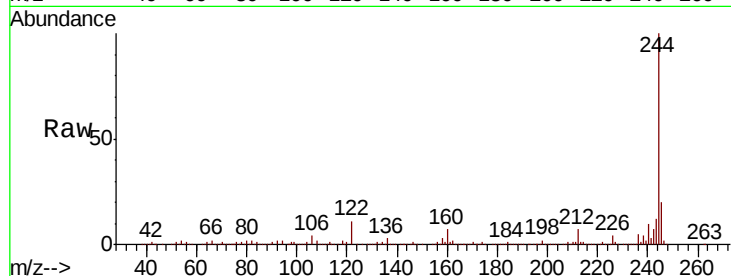
Tot Ion:244 Resp: 1762760

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

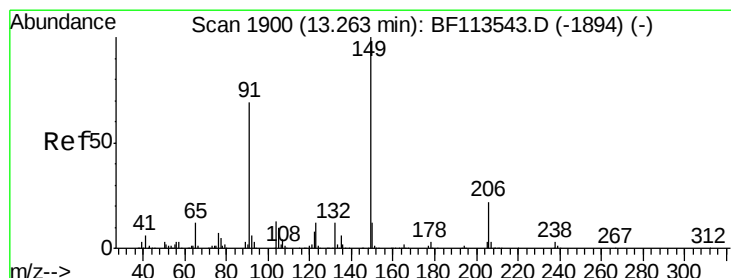
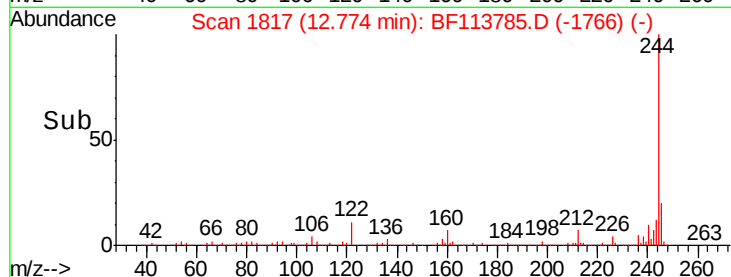
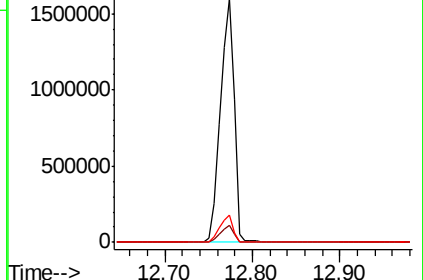
122 11.3 9.0 13.6



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: 38.744 ng

RT: 13.24 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

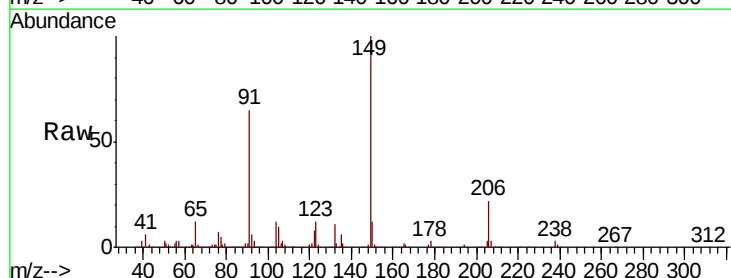
Tgt Ion:149 Resp: 586248

Ion Ratio Lower Upper

149 100

91 64.7 51.8 77.6

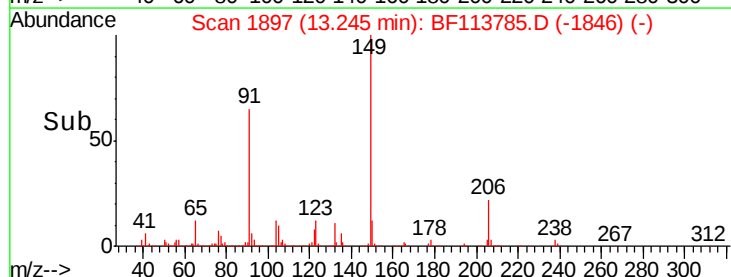
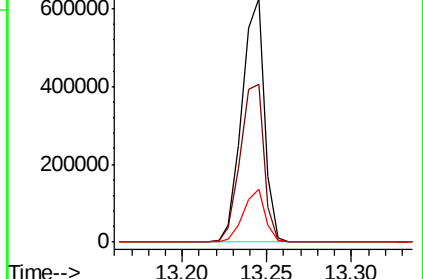
206 21.6 17.3 25.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.328 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA\_F

ClientSampleId :

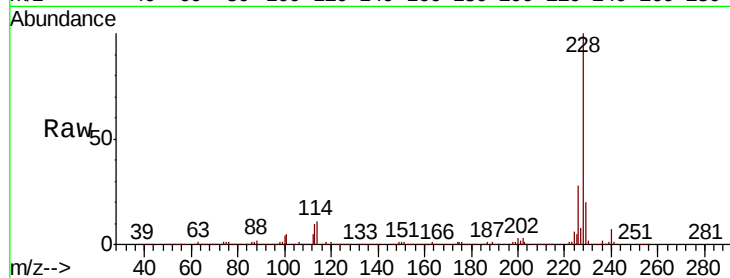
Tot Ion:228 Resp: 1164692

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.6  | 22.1  | 33.1  |
| 229 | 20.5  | 16.4  | 24.6  |

228 100

226 27.6 22.1 33.1

229 20.5 16.4 24.6

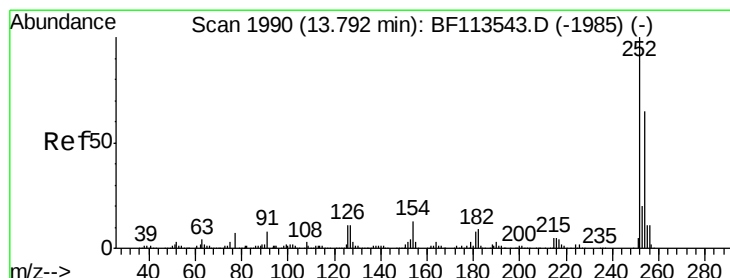
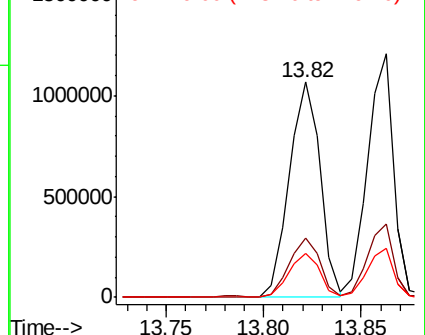
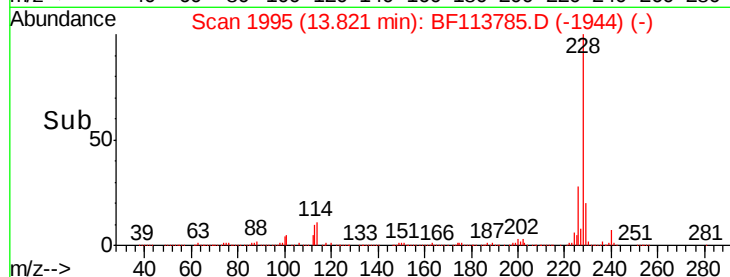


Abundance

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: 40.725 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

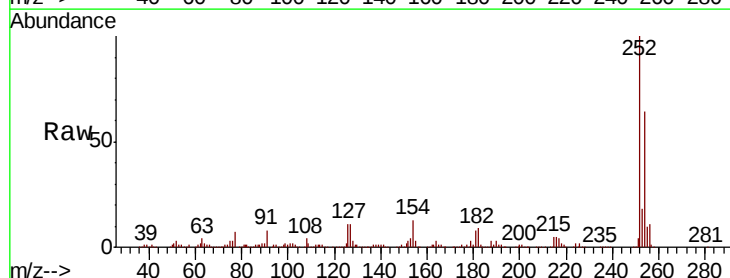
Tgt Ion:252 Resp: 442054

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.0  | 51.2  | 76.8  |
| 126 | 10.9  | 8.7   | 13.1  |

252 100

254 64.0 51.2 76.8

126 10.9 8.7 13.1

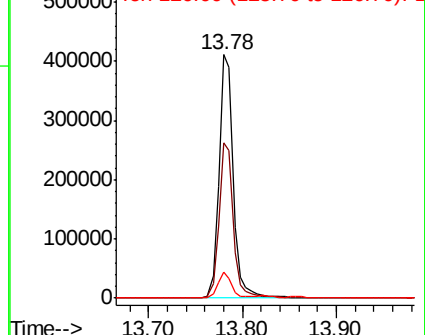
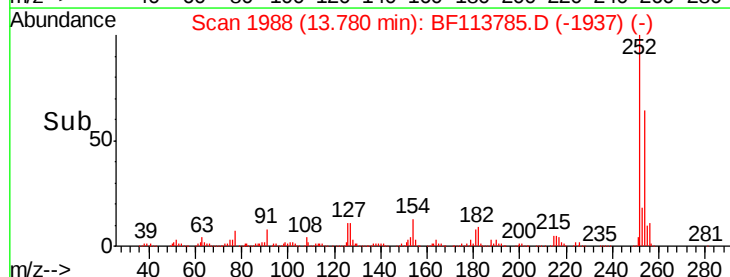


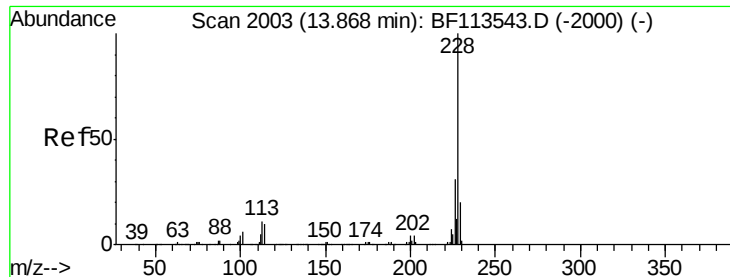
Abundance

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: 39.693 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA\_F

ClientSampleId :

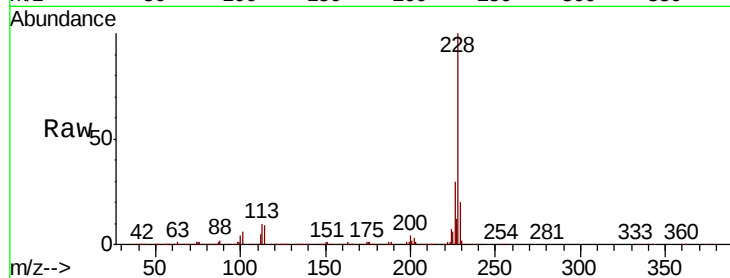
Tot Ion:228 Resp: 1133942

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

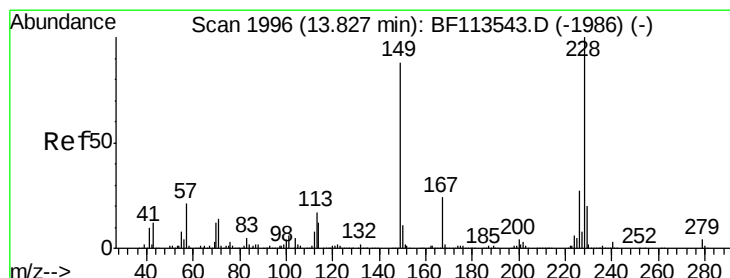
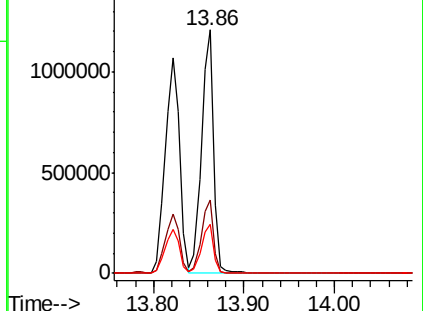
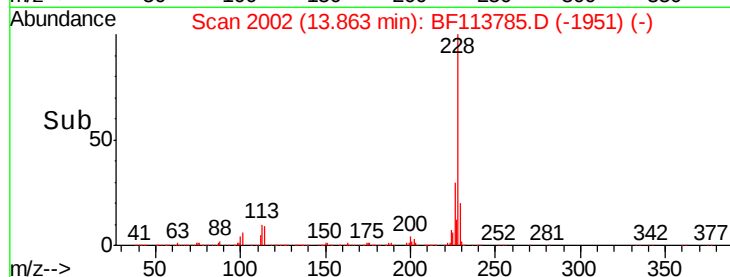
229 20.2 16.2 24.2



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: 40.377 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

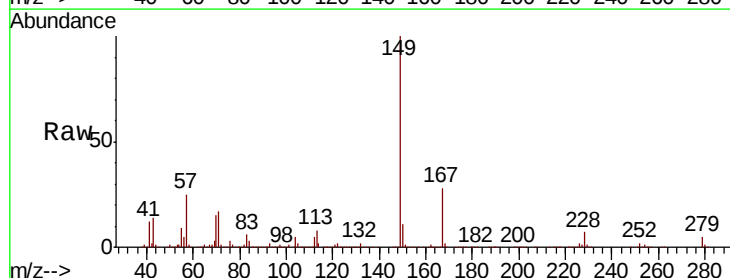
Tgt Ion:149 Resp: 738677

Ion Ratio Lower Upper

149 100

167 28.3 22.6 34.0

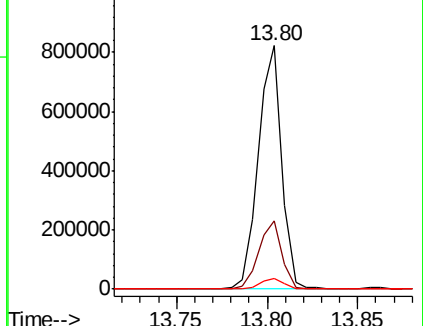
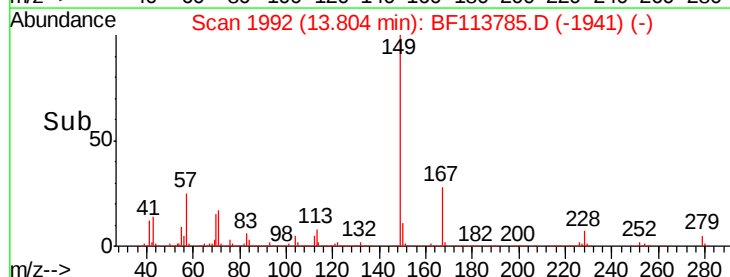
279 4.6 3.7 5.5

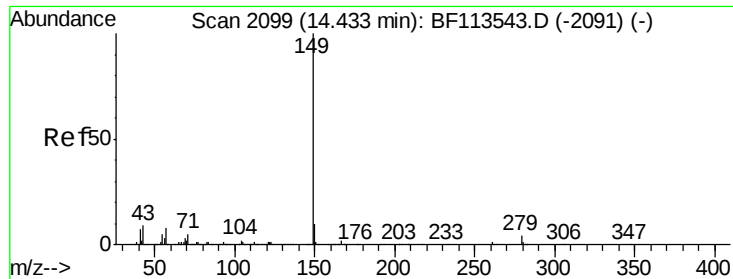


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.447 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA\_F

ClientSampleId :

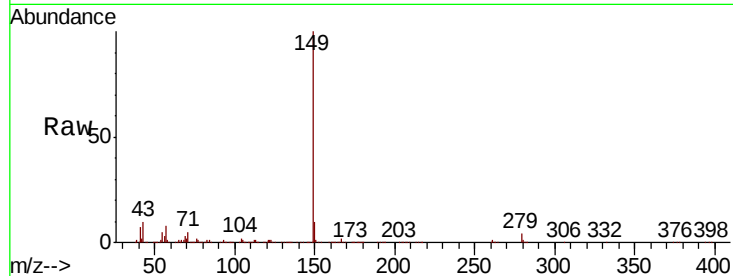
Tot Ion:149 Resp: 1143319

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

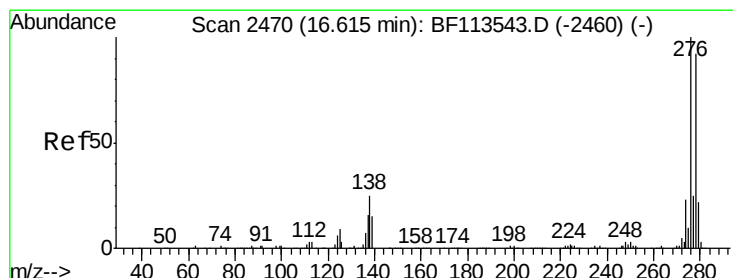
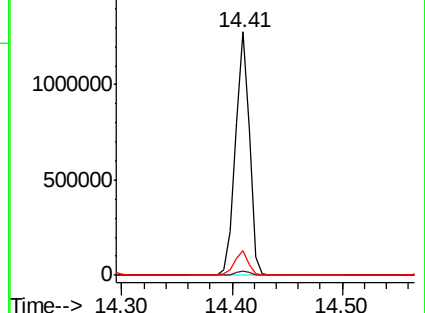
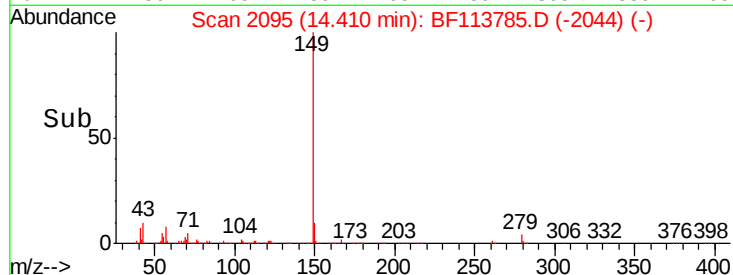
43 9.8 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.751 ng

RT: 16.62 min Scan# 2471

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

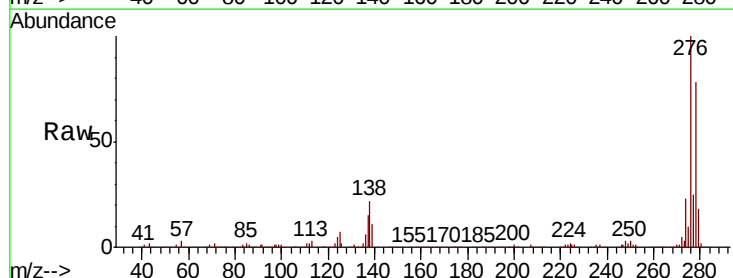
Tgt Ion:276 Resp: 890239

Ion Ratio Lower Upper

276 100

138 23.0 18.4 27.6

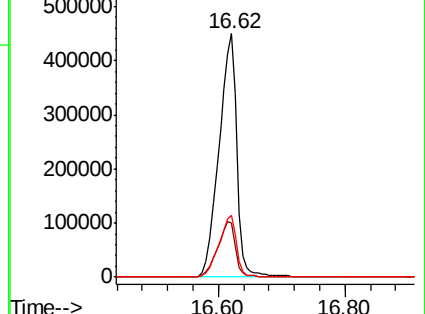
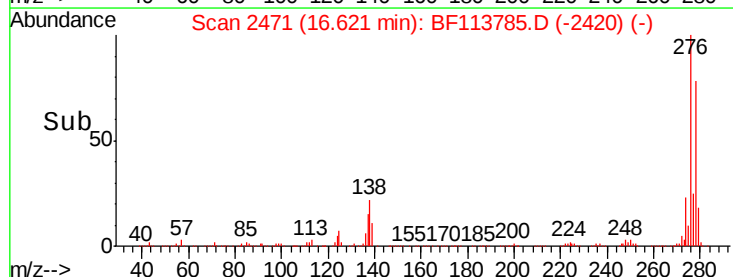
277 25.1 20.1 30.1

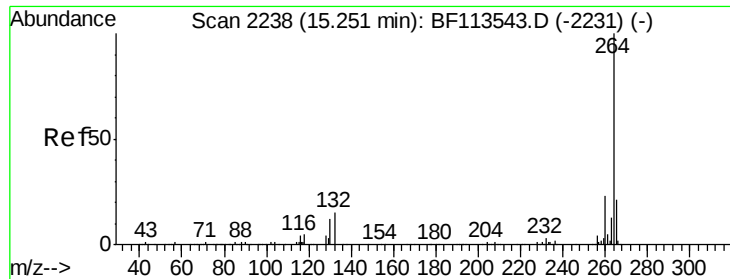


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

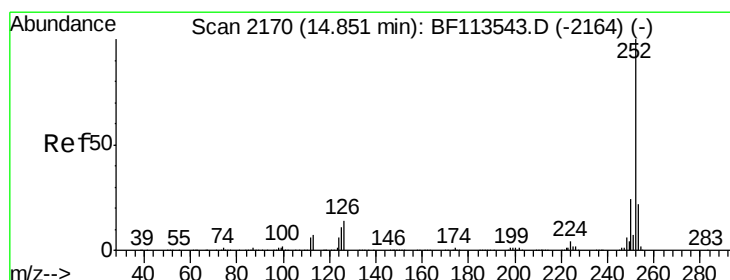
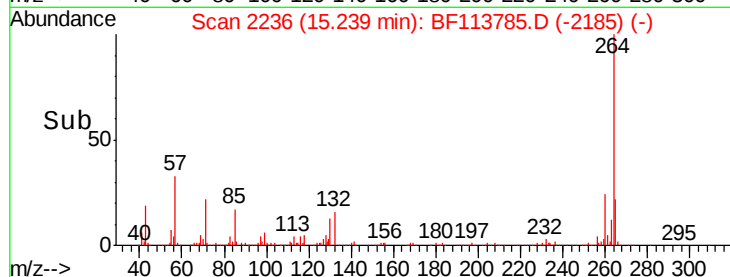
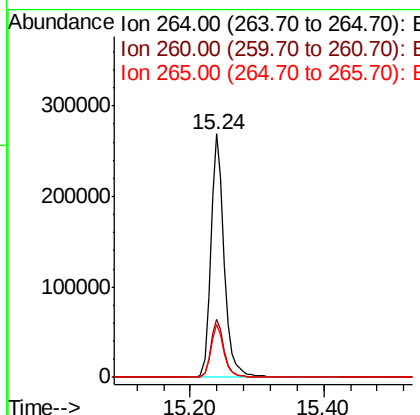
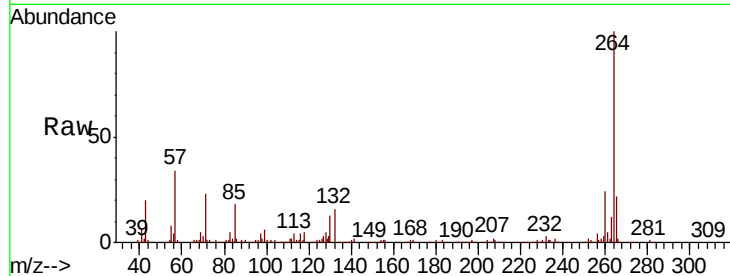




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.24 min Scan# 2236  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

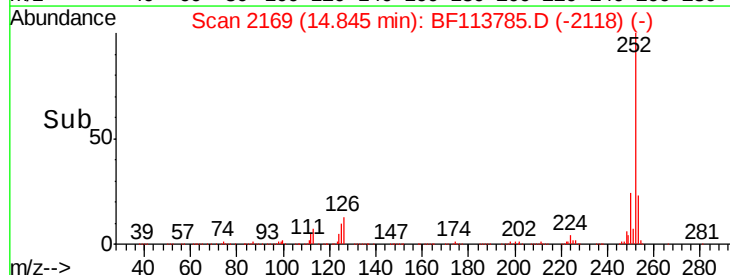
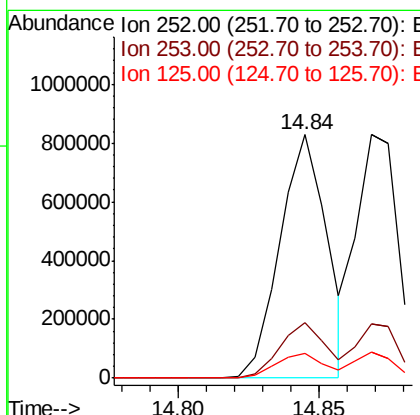
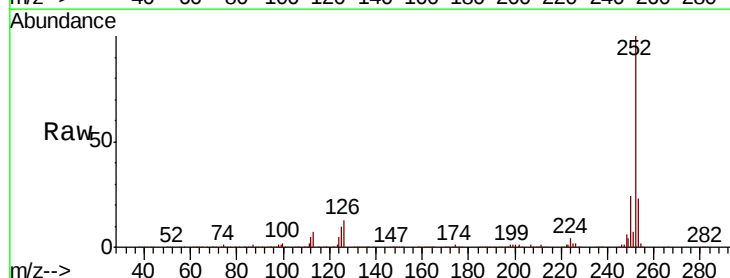
Instrument :  
BNA\_F  
ClientSampleId :

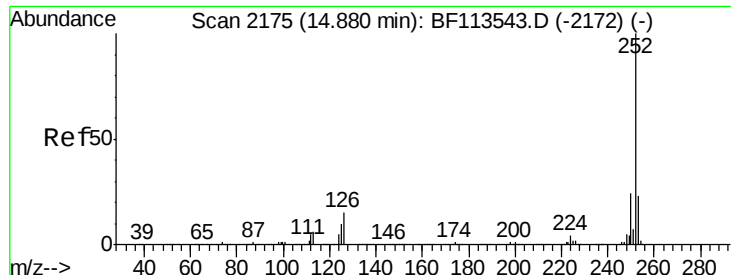
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.8  | 19.0  | 28.6  |
| 265     | 21.7  | 17.4  | 26.0  |



#88  
Benzo(b)fluoranthene  
Concen: 41.802 ng  
RT: 14.84 min Scan# 2169  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.1  | 27.1  |
| 125     | 10.4  | 8.3   | 12.5  |

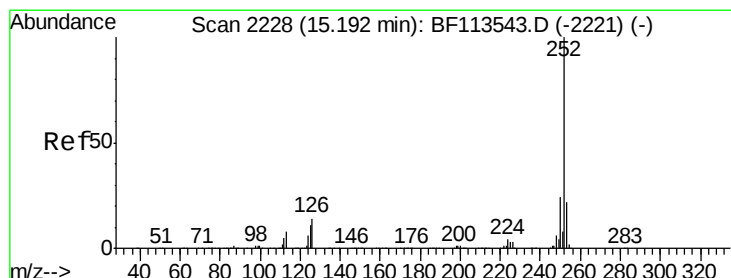
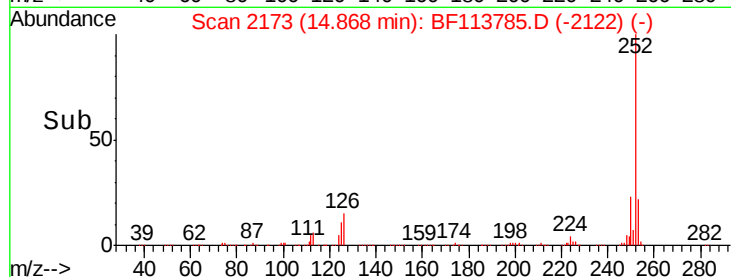
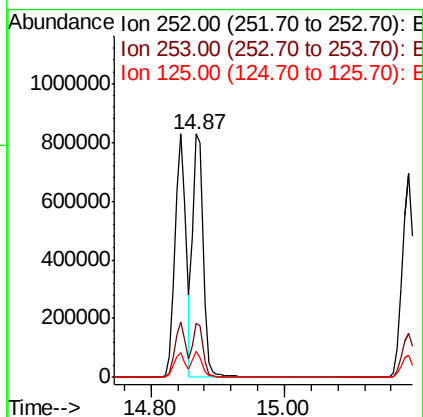
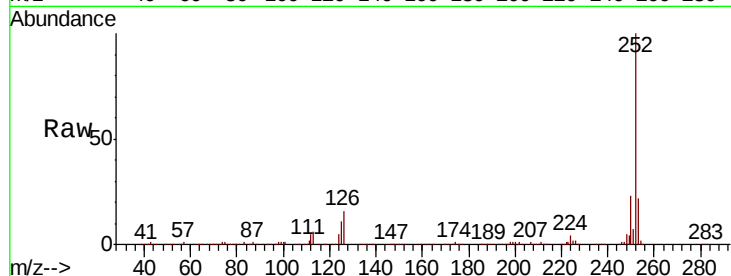




#89  
Benzo(k)fluoranthene  
Concen: 42.484 ng  
RT: 14.87 min Scan# 2173  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

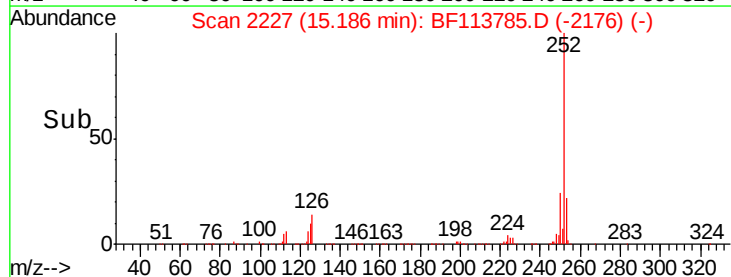
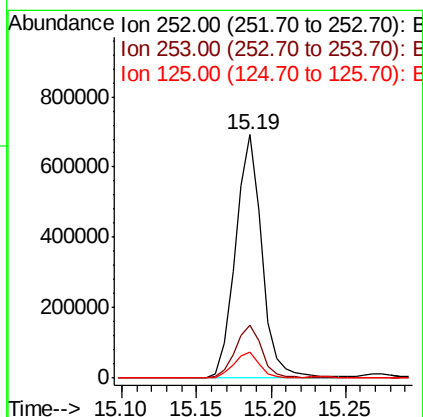
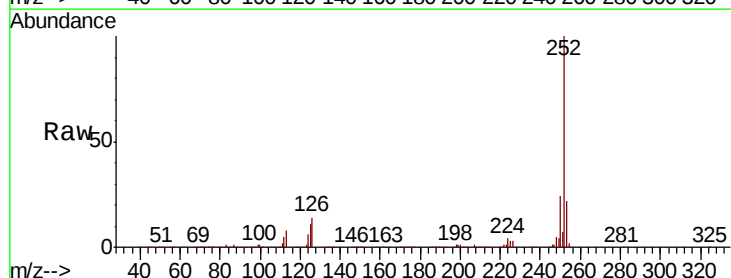
Instrument :  
BNA\_F  
ClientSampleId :

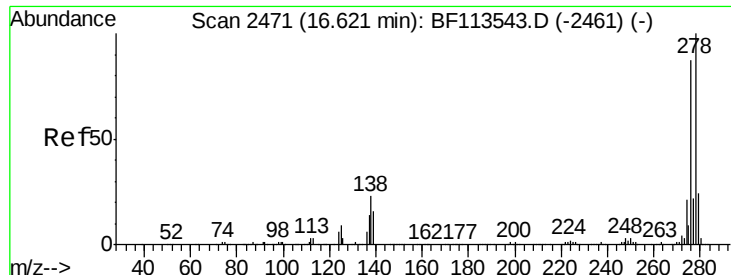
Tot Ion:252 Resp: 875214  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.9 26.9  
125 10.9 8.7 13.1



#90  
Benzo(a)pyrene  
Concen: 41.933 ng  
RT: 15.19 min Scan# 2227  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Tgt Ion:252 Resp: 855312  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.2  
125 10.6 8.5 12.7

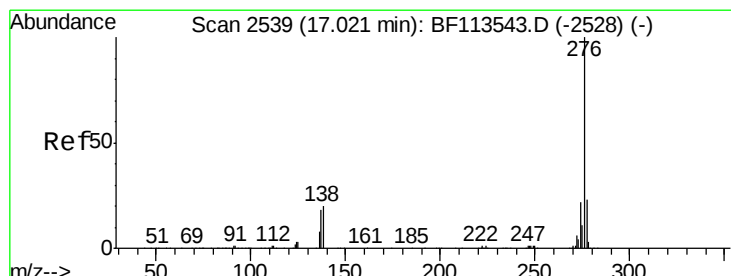
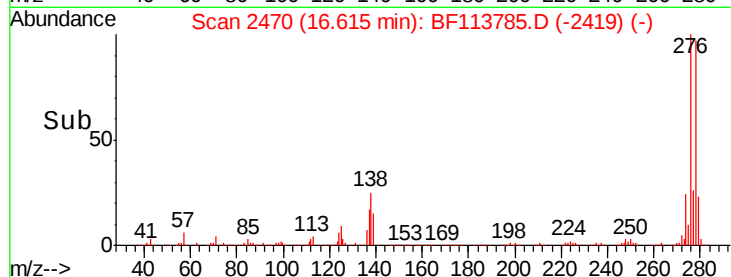
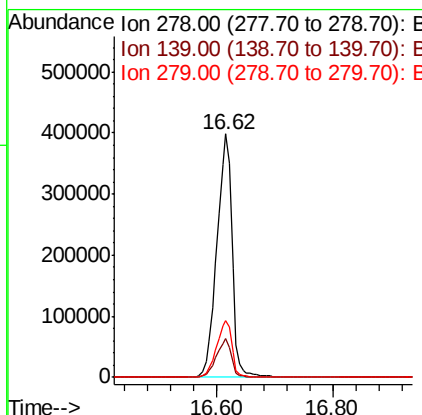
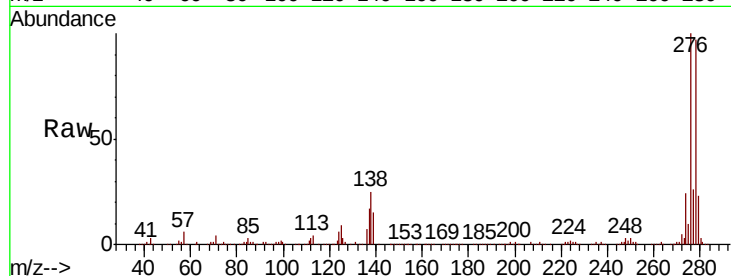




#91  
Dibenzo(a,h)anthracene  
Concen: 38.491 ng  
RT: 16.62 min Scan# 2470  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.8  | 12.6  | 19.0  |
| 279     | 23.5  | 18.8  | 28.2  |



#92  
Benzo(g,h,i)perylene  
Concen: 39.339 ng  
RT: 17.02 min Scan# 2539  
Delta R.T. 0.00 min  
Lab File: BF113785.D  
Acq: 16 Apr 2019 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 19.2  | 28.8  |
| 138     | 20.0  | 16.0  | 24.0  |

