

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\  
 Data File : BF113550.D  
 Acq On : 3 Apr 2019 18:09  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 03 18:56:58 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 03 16:09:31 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.69  | 152  | 134569   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 7.97  | 136  | 526757   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 9.72  | 164  | 254160   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 11.20 | 188  | 495108   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 13.84 | 240  | 339488   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.24 | 264  | 278245   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.29  | 112 | 644211  | 81.63 | ng | -0.02 |
| 7) Phenol-d6             | 6.33  | 99  | 798920  | 82.14 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 7.25  | 82  | 725442  | 80.67 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.52 | 330 | 243653  | 79.81 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 9.05  | 172 | 1340619 | 84.92 | ng | -0.01 |
| 79) Terphenyl-d14        | 12.79 | 244 | 1412994 | 84.74 | ng | -0.01 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.32 | 88  | 153019  | 40.940 | ng | 97     |
| 3) Pyridine                    | 3.03 | 79  | 398721  | 40.763 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 2.97 | 42  | 168940  | 40.650 | ng | 92     |
| 6) Aniline                     | 6.35 | 93  | 497727  | 42.218 | ng | 97     |
| 8) 2-Chlorophenol              | 6.47 | 128 | 373512  | 40.909 | ng | 96     |
| 9) Benzaldehyde                | 6.23 | 77  | 247808  | 42.849 | ng | 99     |
| 10) Phenol                     | 6.35 | 94  | 455828  | 41.034 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.42 | 93  | 349868  | 40.489 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.63 | 146 | 404330  | 41.121 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.70 | 146 | 405417  | 40.802 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.86 | 146 | 373885  | 41.687 | ng | 98     |
| 15) Benzyl Alcohol             | 6.83 | 79  | 276795  | 42.088 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.97 | 45  | 550466  | 40.926 | ng | 99     |
| 17) 2-Methylphenol             | 6.96 | 107 | 289573  | 40.925 | ng | 98     |
| 18) Hexachloroethane           | 7.19 | 117 | 147215  | 40.705 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.10 | 70  | 241204  | 40.216 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.11 | 107 | 354683  | 41.370 | ng | 99     |
| 22) Acetophenone               | 7.10 | 105 | 463887  | 40.096 | ng | 99     |
| 24) Nitrobenzene               | 7.27 | 77  | 377104  | 40.719 | ng | 95     |
| 25) Isophorone                 | 7.51 | 82  | 685439  | 39.567 | ng | 98     |
| 26) 2-Nitrophenol              | 7.59 | 139 | 204303  | 40.989 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.63 | 122 | 283336  | 39.762 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.72 | 93  | 444876  | 40.619 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.83 | 162 | 310813  | 40.767 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 7.92 | 180 | 334346  | 40.383 | ng | 96     |
| 31) Naphthalene                | 7.99 | 128 | 1039136 | 40.714 | ng | 99     |
| 32) Benzoic acid               | 7.79 | 122 | 170567  | 32.821 | ng | 99     |
| 33) 4-Chloroaniline            | 8.05 | 127 | 419941  | 41.496 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.11 | 225 | 205783  | 40.768 | ng | 99     |
| 35) Caprolactam                | 8.43 | 113 | 97198   | 40.162 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.54 | 107 | 310441  | 40.563 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.68 | 142 | 678114  | 40.397 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.78 | 142 | 662587  | 40.935 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.85 | 216 | 334058  | 40.641 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\  
 Data File : BF113550.D  
 Acq On : 3 Apr 2019 18:09  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 03 18:56:58 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 03 16:09:31 2019  
 Response via : Initial Calibration

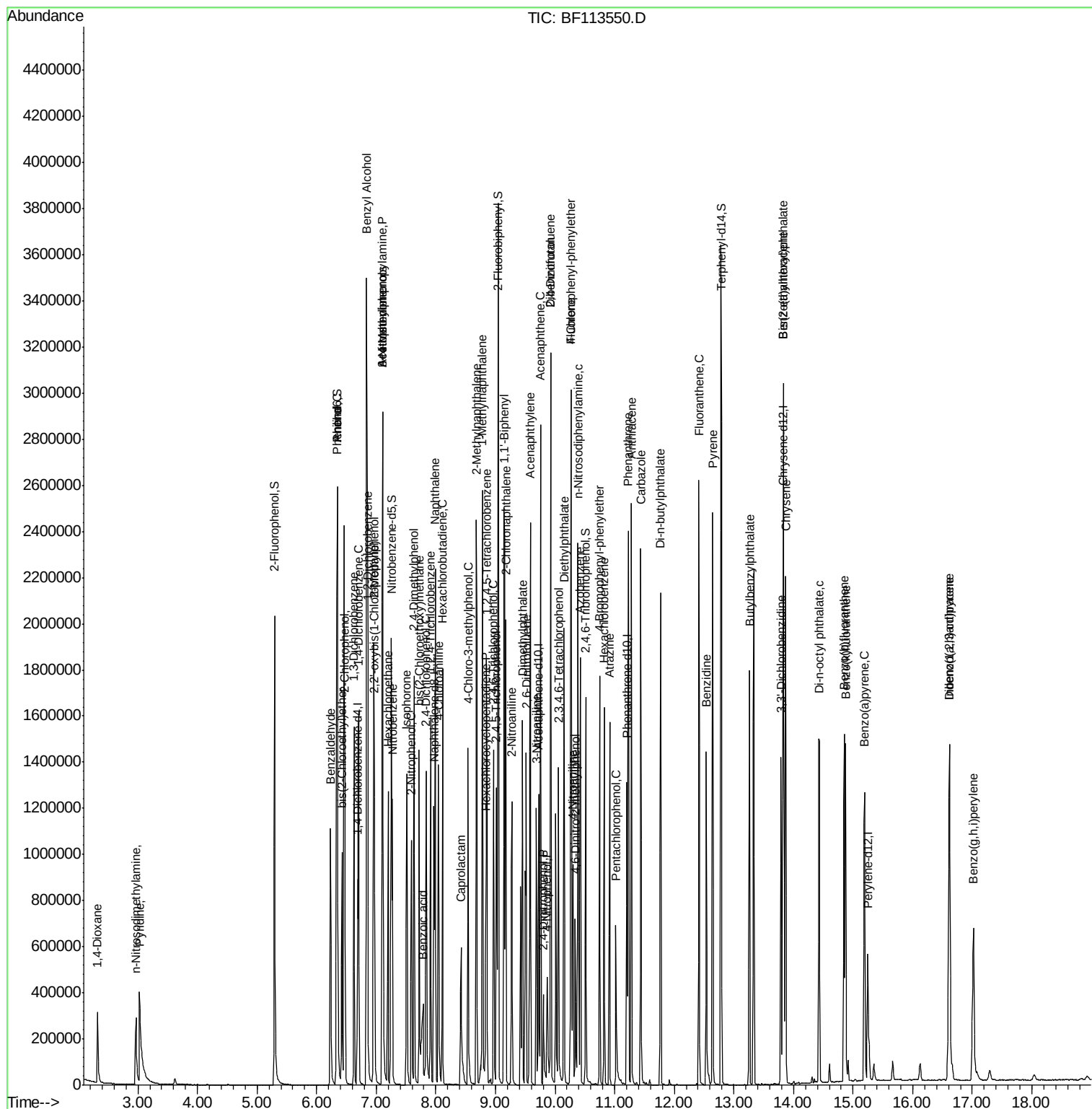
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.84  | 237  | 86757    | 38.493 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 8.97  | 196  | 208070   | 40.102 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.02  | 196  | 225637   | 40.507 | ng    | 100      |
| 46) 1,1'-Biphenyl              | 9.15  | 154  | 849604   | 40.509 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.17  | 162  | 644740   | 40.602 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.27  | 65   | 198078   | 40.766 | ng    | 97       |
| 49) Acenaphthylene             | 9.59  | 152  | 1059352  | 41.026 | ng    | 99       |
| 50) Dimethylphthalate          | 9.45  | 163  | 736134   | 39.292 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.52  | 165  | 167684   | 40.604 | ng    | 100      |
| 52) Acenaphthene               | 9.76  | 154  | 597830   | 40.446 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.69  | 138  | 187922   | 40.024 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 9.80  | 184  | 69450    | 35.946 | ng    | 91       |
| 55) Dibenzofuran               | 9.93  | 168  | 882910   | 40.720 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.87  | 139  | 111292   | 38.211 | ng    | 89       |
| 57) 2,4-Dinitrotoluene         | 9.93  | 165  | 202830   | 40.610 | ng    | # 89     |
| 58) Fluorene                   | 10.27 | 166  | 699114   | 40.767 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.06 | 232  | 196113   | 40.674 | ng    | 98       |
| 60) Diethylphthalate           | 10.15 | 149  | 718877   | 39.798 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.26 | 204  | 345395   | 40.948 | ng    | 96       |
| 62) 4-Nitroaniline             | 10.30 | 138  | 191718   | 40.154 | ng    | 95       |
| 63) Azobenzene                 | 10.42 | 77   | 690994   | 40.402 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.34 | 198  | 102639   | 39.378 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 10.39 | 169  | 614911   | 40.456 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.75 | 248  | 224270   | 40.388 | ng    | 96       |
| 68) Hexachlorobenzene          | 10.83 | 284  | 258509   | 40.630 | ng    | 98       |
| 69) Atrazine                   | 10.92 | 200  | 194455   | 40.589 | ng    | 97       |
| 70) Pentachlorophenol          | 11.02 | 266  | 113938   | 38.003 | ng    | 100      |
| 71) Phenanthrene               | 11.23 | 178  | 997062   | 40.527 | ng    | 99       |
| 72) Anthracene                 | 11.28 | 178  | 1025158  | 40.956 | ng    | 100      |
| 73) Carbazole                  | 11.44 | 167  | 957774   | 40.911 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.77 | 149  | 1123929  | 40.357 | ng    | 100      |
| 75) Fluoranthene               | 12.42 | 202  | 1078740  | 40.918 | ng    | 100      |
| 77) Benzidine                  | 12.54 | 184  | 593933   | 47.046 | ng    | 100      |
| 78) Pyrene                     | 12.65 | 202  | 1071955  | 41.498 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.26 | 149  | 421482   | 40.084 | ng    | 96       |
| 81) Benzo(a)anthracene         | 13.83 | 228  | 795199   | 40.606 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.79 | 252  | 307180   | 40.724 | ng    | 98       |
| 83) Chrysene                   | 13.87 | 228  | 799342   | 40.265 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.82 | 149  | 503170   | 39.579 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.43 | 149  | 792249   | 38.338 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.62 | 276  | 715187   | 39.019 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 14.85 | 252  | 685481   | 40.247 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 14.87 | 252  | 635928   | 41.602 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.19 | 252  | 616953   | 40.764 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.62 | 278  | 591852   | 41.818 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.02 | 276  | 601506   | 41.638 | ng    | 98       |

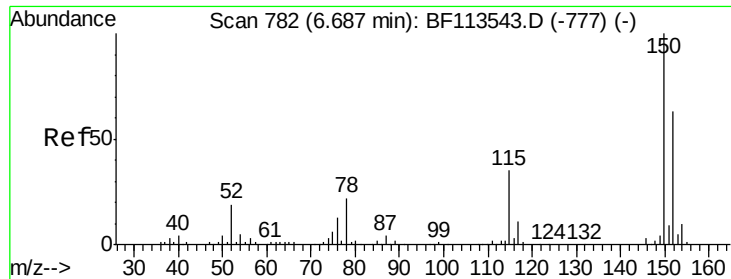
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\  
Data File : BF113550.D  
Acq On : 3 Apr 2019 18:09  
Operator : JU/SJ  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

Quant Time: Apr 03 18:56:58 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 03 16:09:31 2019  
Response via : Initial Calibration



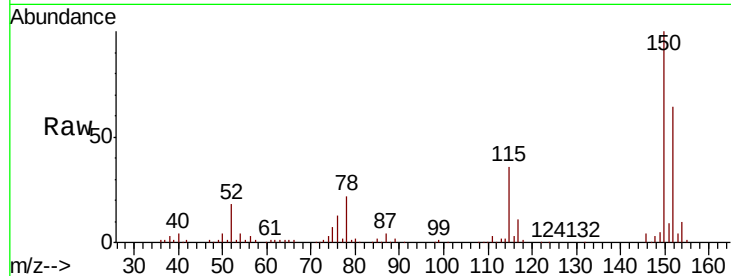


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.69 min Scan# 782  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.0 | 124.7 | 187.1 |
| 115     | 55.8  | 46.0  | 69.0  |

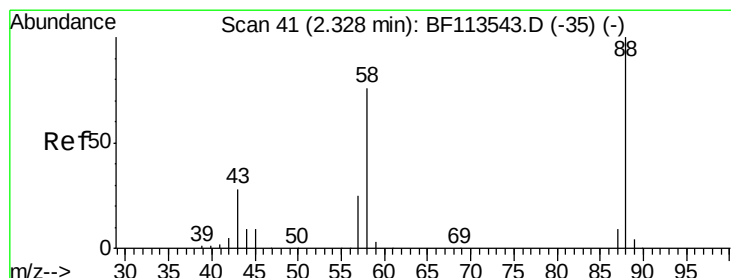
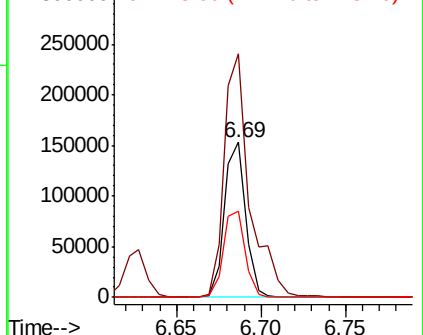
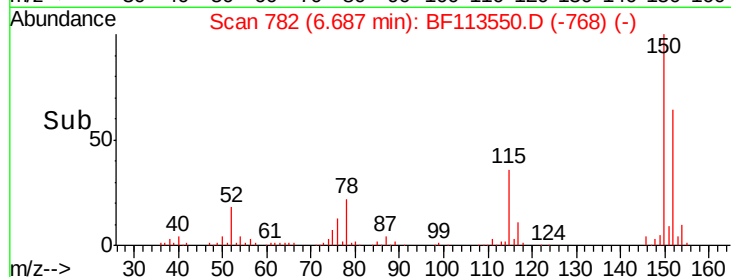


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

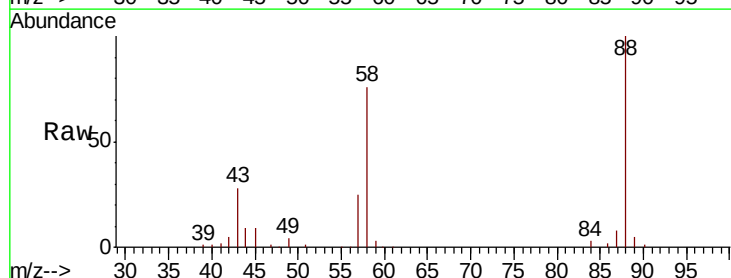
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 40.940 ng  
RT: 2.32 min Scan# 40  
Delta R.T. -0.05 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 75.1  | 61.9  | 92.9  |
| 43      | 28.2  | 24.2  | 36.4  |

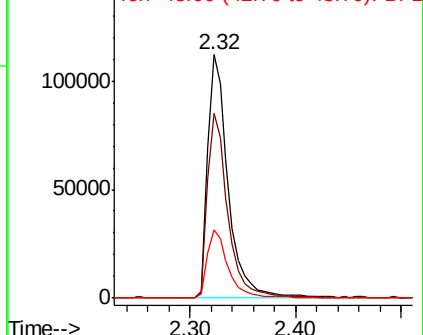
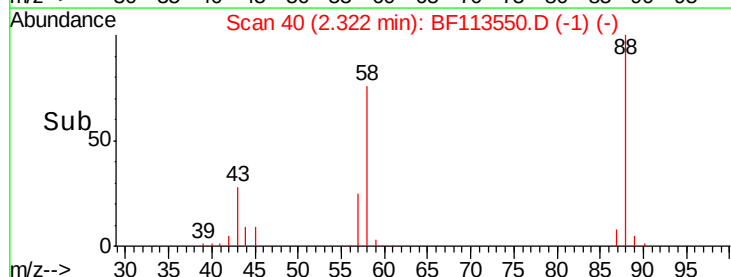


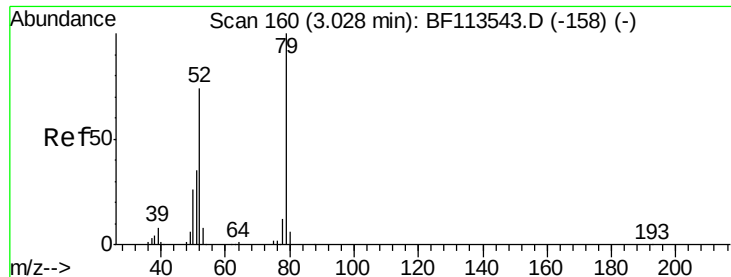
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.763 ng

RT: 3.03 min Scan# 160

Delta R.T. -0.04 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA\_F

ClientSampleId :

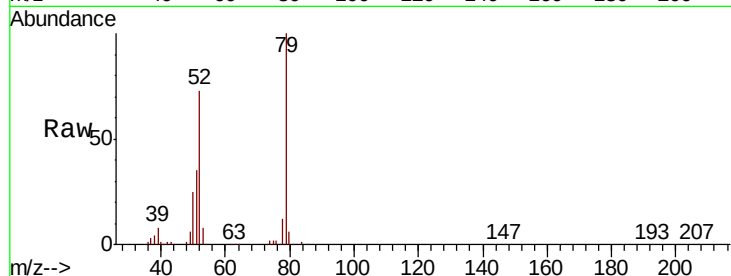
Tot Ion: 79 Resp: 398721

Ion Ratio Lower Upper

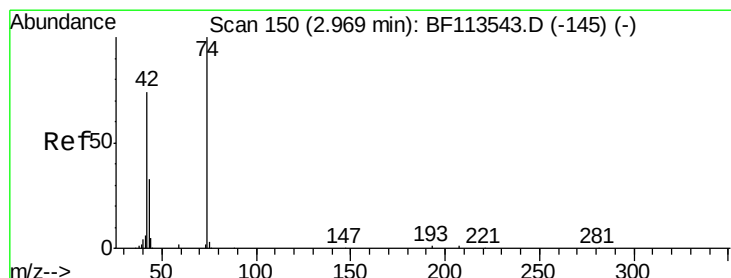
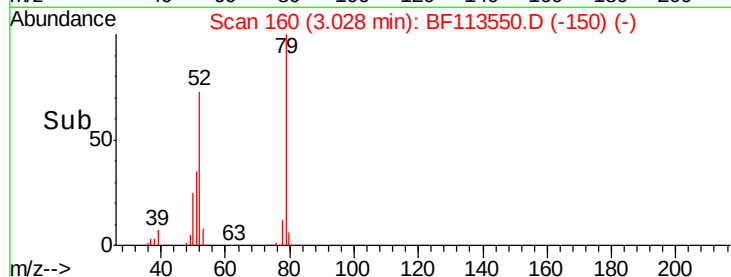
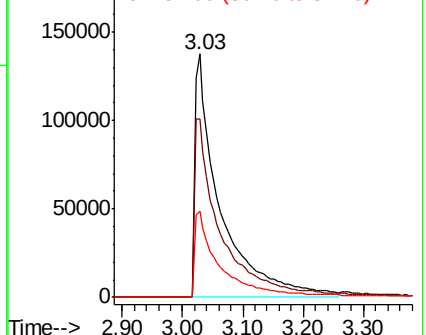
79 100

52 73.2 61.0 91.4

51 35.4 30.6 45.8



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: 40.650 ng

RT: 2.97 min Scan# 150

Delta R.T. -0.05 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

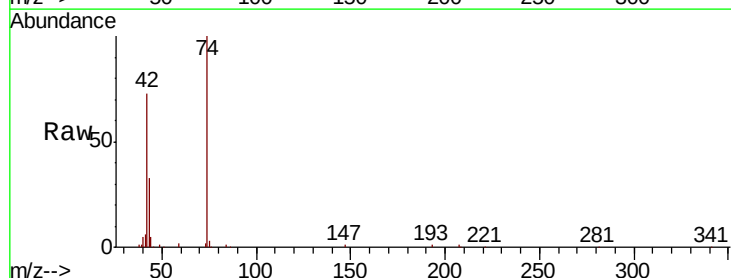
Tgt Ion: 42 Resp: 168940

Ion Ratio Lower Upper

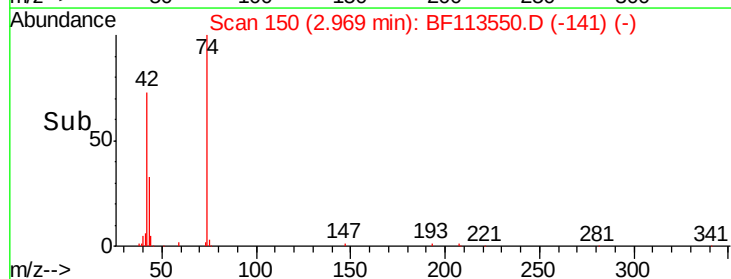
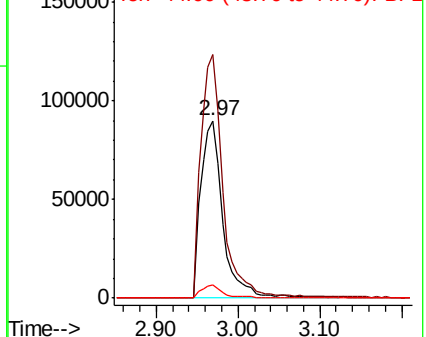
42 100

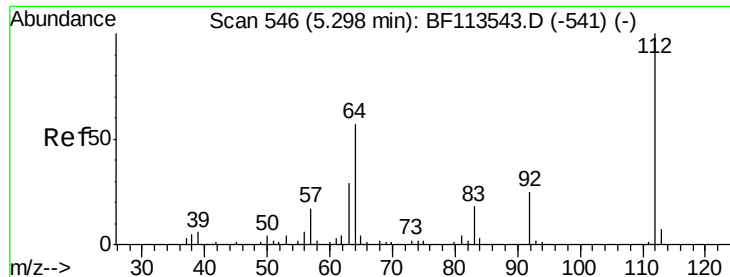
74 137.3 102.4 153.6

44 7.2 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: 81.633 ng

RT: 5.29 min Scan# 545

Delta R.T. -0.02 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA\_F

ClientSampleId :

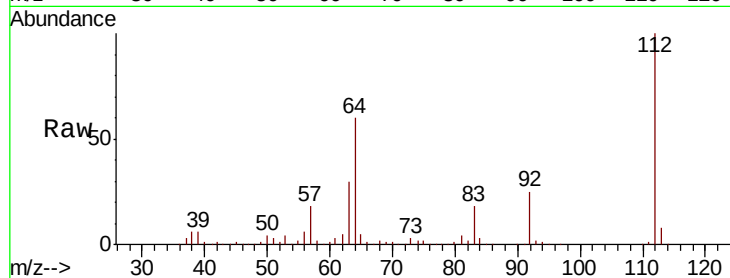
Tot Ion:112 Resp: 644211

Ion Ratio Lower Upper

112 100

64 60.3 49.2 73.8

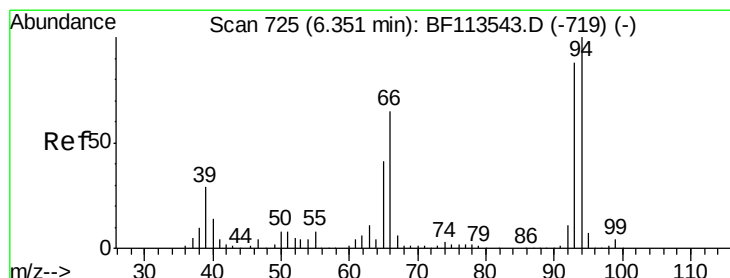
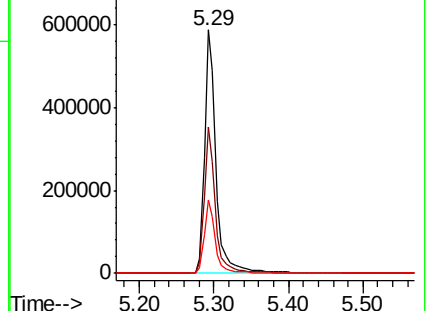
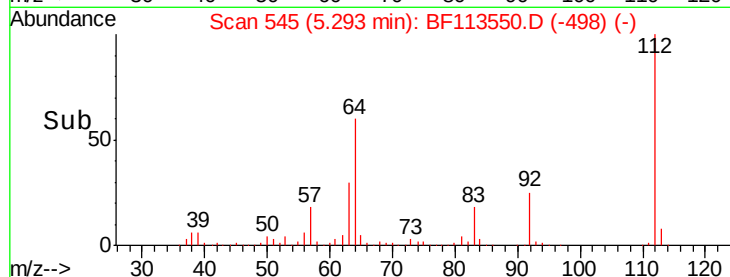
63 30.3 24.9 37.3



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: 42.218 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

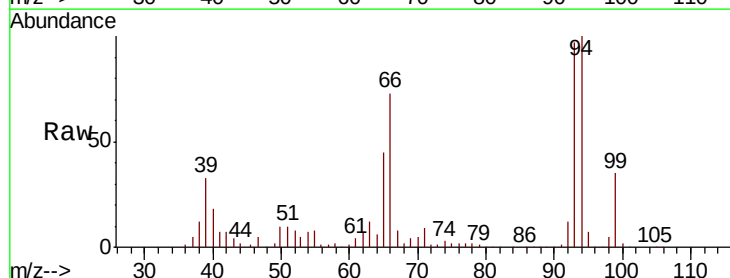
Tgt Ion: 93 Resp: 497727

Ion Ratio Lower Upper

93 100

66 74.7 62.1 93.1

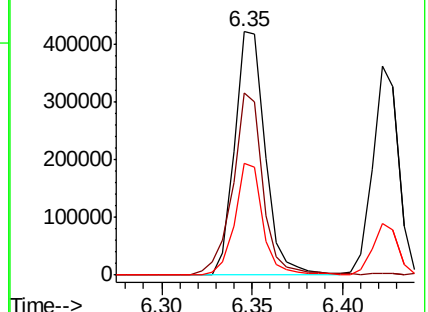
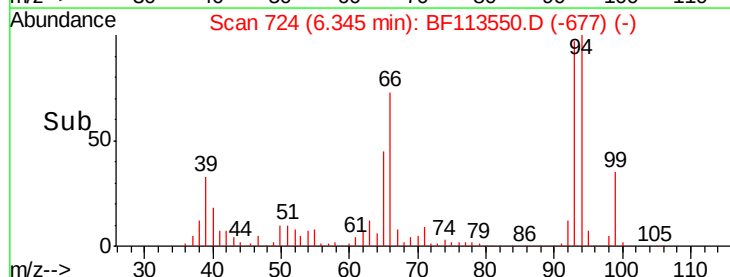
65 46.0 38.7 58.1

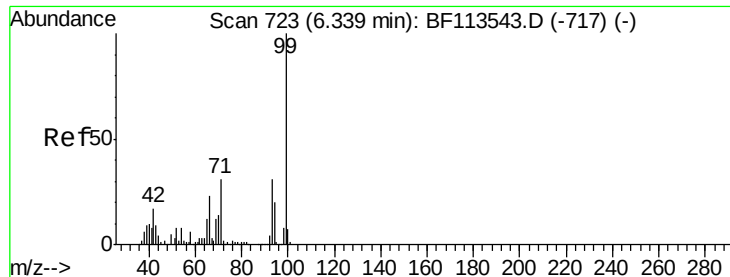


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.140 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA\_F

ClientSampled :

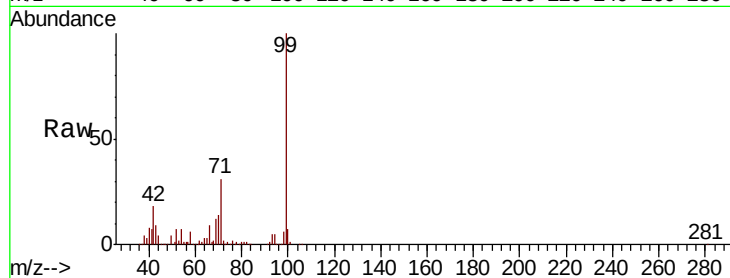
Tot Ion: 99 Resp: 798920

Ion Ratio Lower Upper

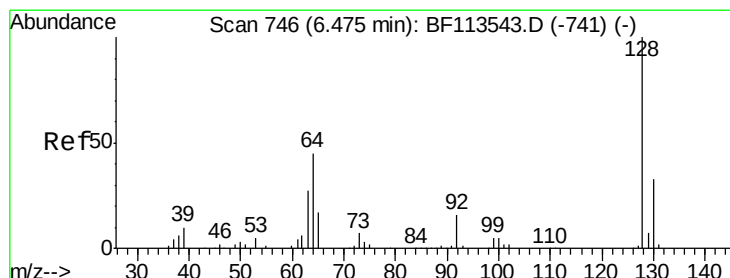
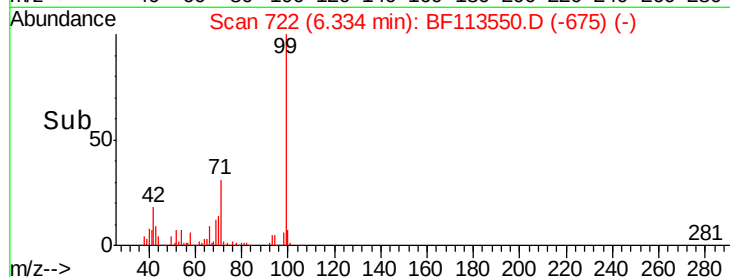
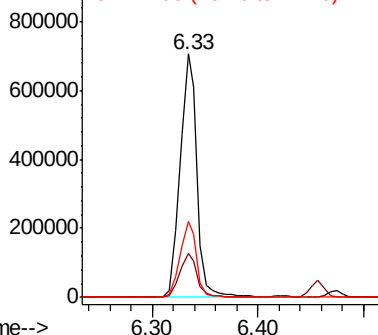
99 100

42 18.2 14.8 22.2

71 31.3 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.909 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

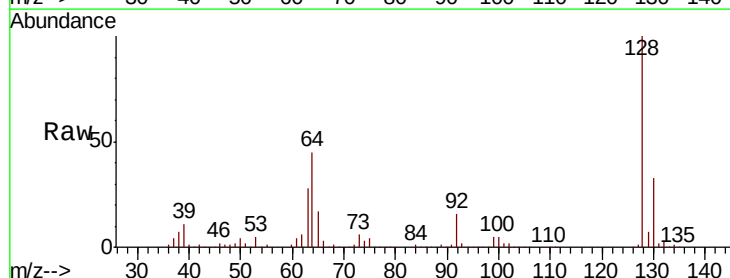
Tgt Ion:128 Resp: 373512

Ion Ratio Lower Upper

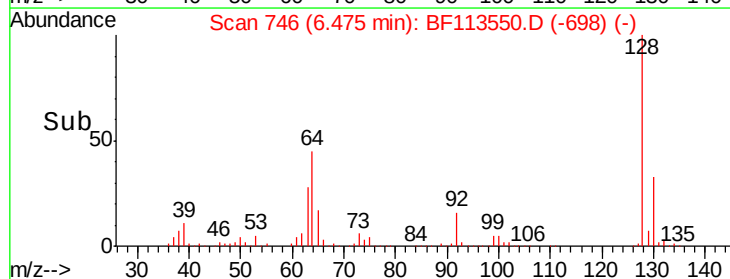
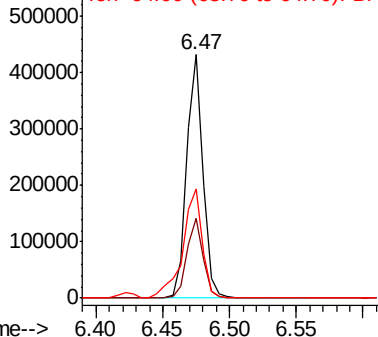
128 100

130 32.9 12.6 52.6

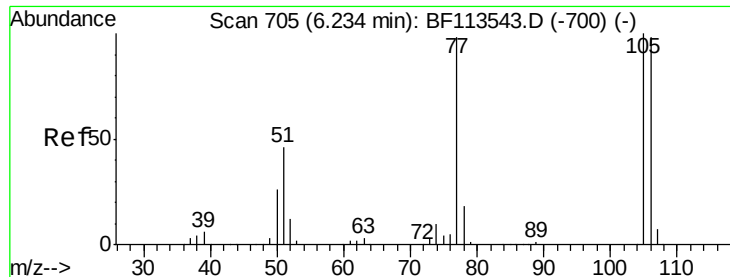
64 44.8 29.4 69.4



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: 42.849 ng

RT: 6.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA\_F

ClientSampled :

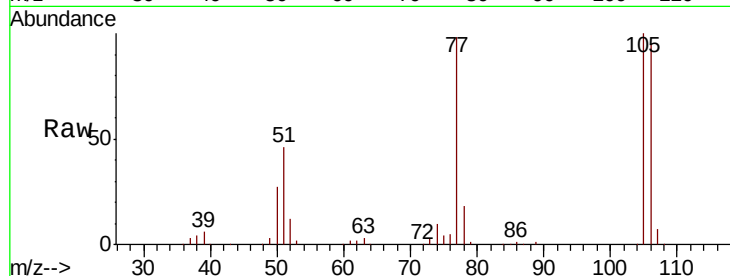
Tot Ion: 77 Resp: 247808

Ion Ratio Lower Upper

77 100

105 101.7 80.9 120.9

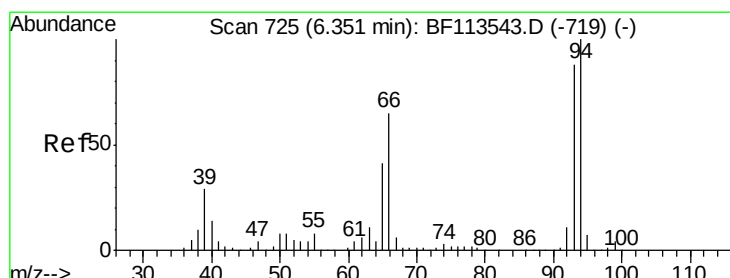
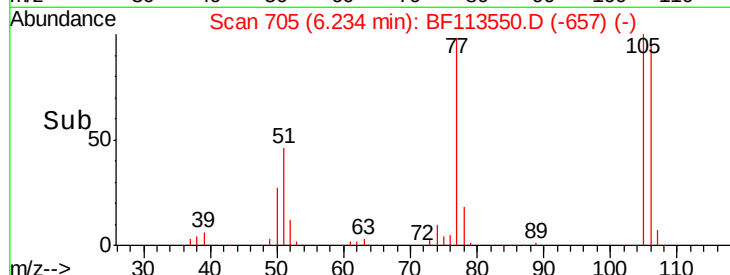
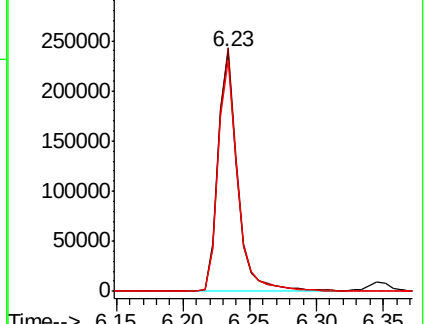
106 96.5 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.034 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

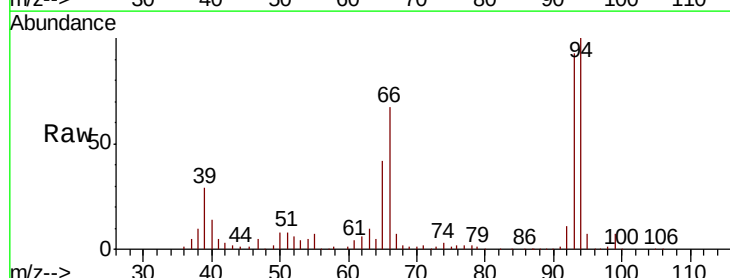
Tgt Ion: 94 Resp: 455828

Ion Ratio Lower Upper

94 100

65 41.6 21.4 61.4

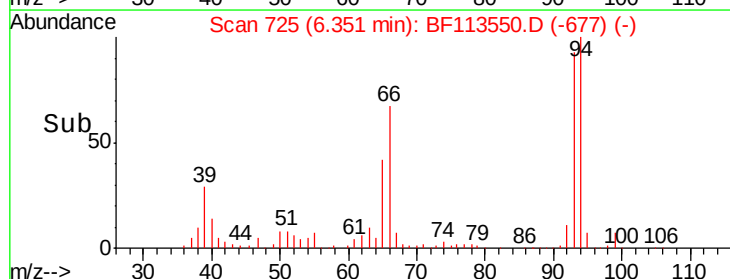
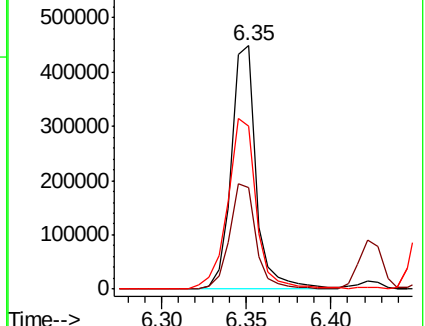
66 66.9 46.4 86.4



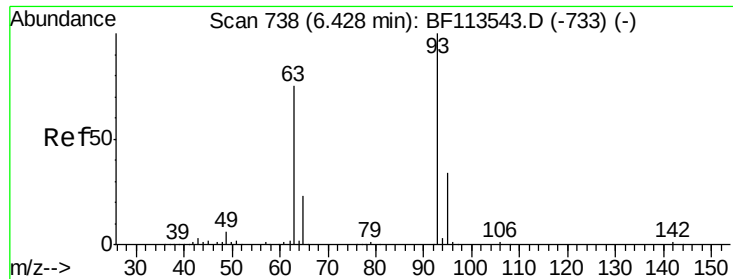
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







#11

bis(2-Chloroethyl)ether

Concen: 40.489 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA\_F

ClientSampleId :

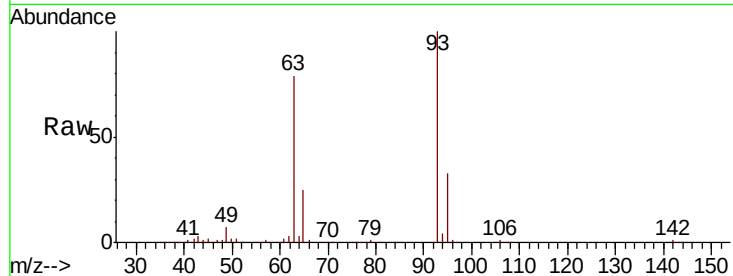
Tot Ion: 93 Resp: 349868

Ion Ratio Lower Upper

93 100

63 79.2 56.1 96.1

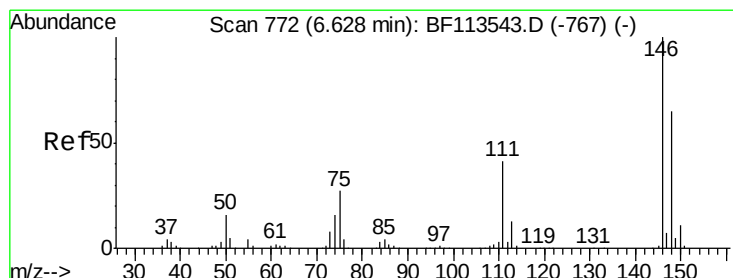
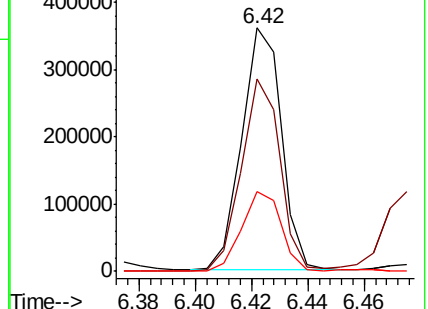
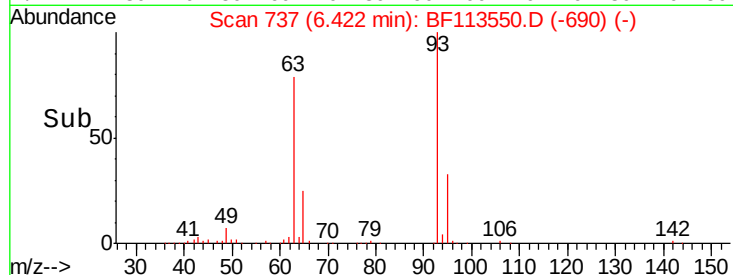
95 32.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.121 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

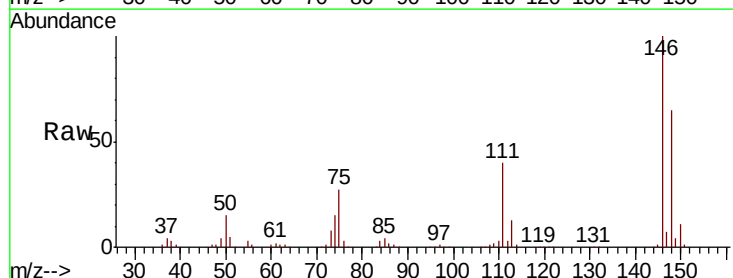
Tgt Ion: 146 Resp: 404330

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.0

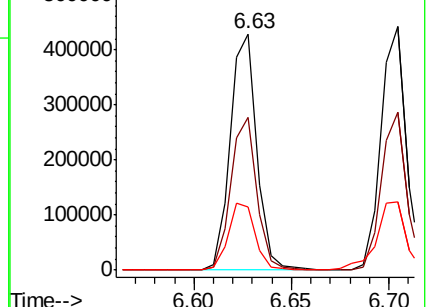
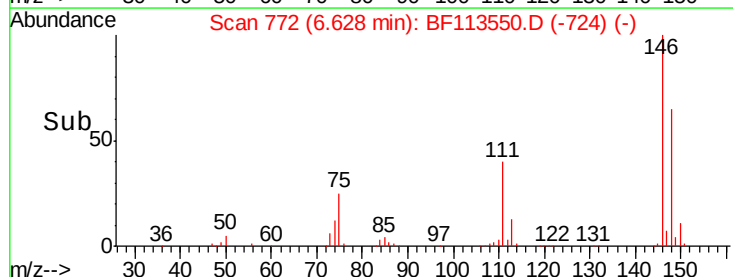
75 26.8 24.8 37.2

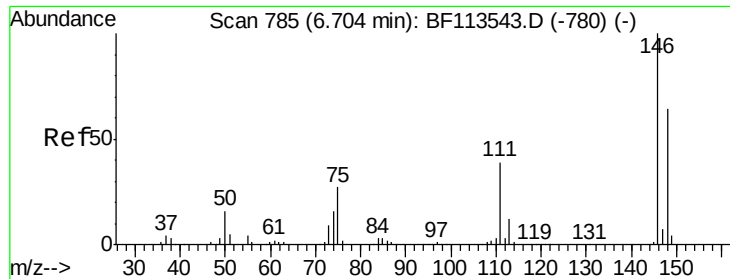


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

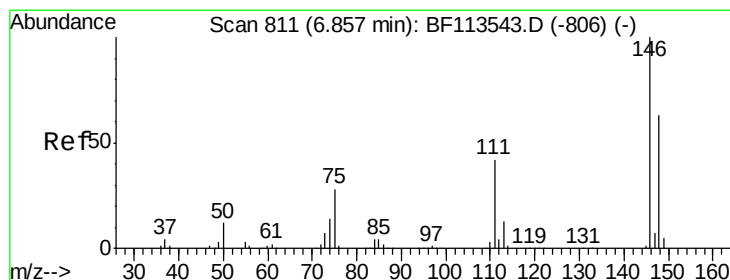
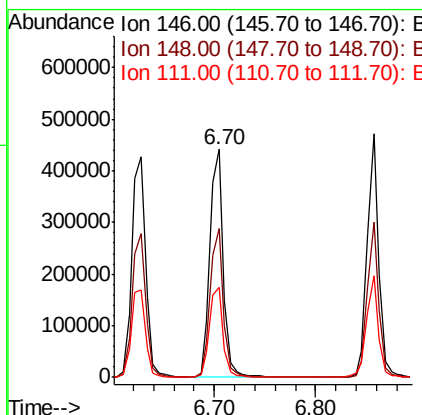
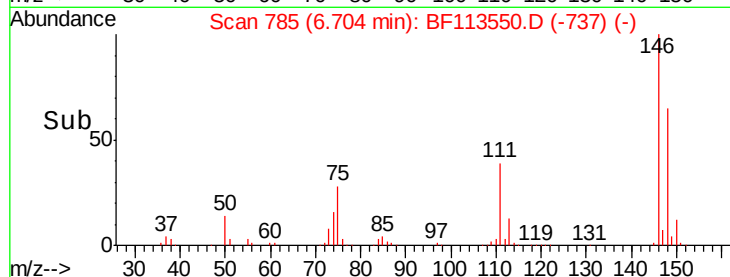
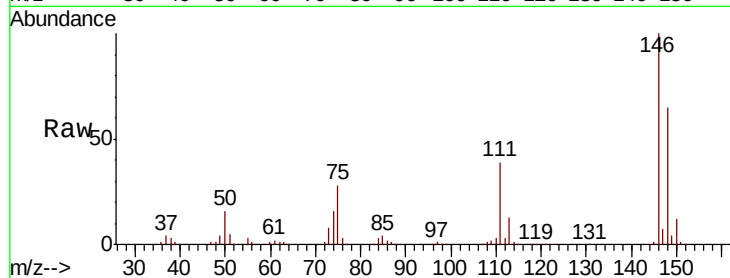




#13  
 1,4-Dichlorobenzene  
 Concen: 40.802 ng  
 RT: 6.70 min Scan# 785  
 Delta R.T. -0.02 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

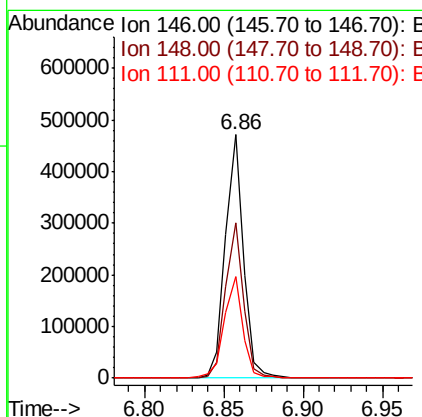
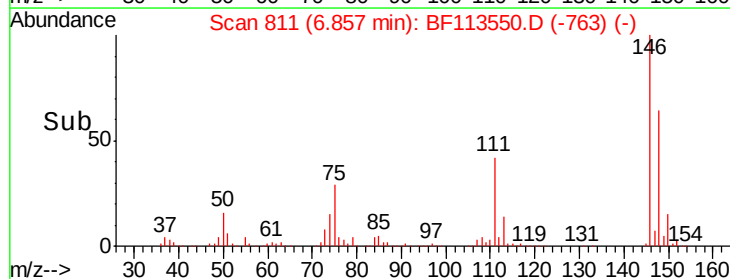
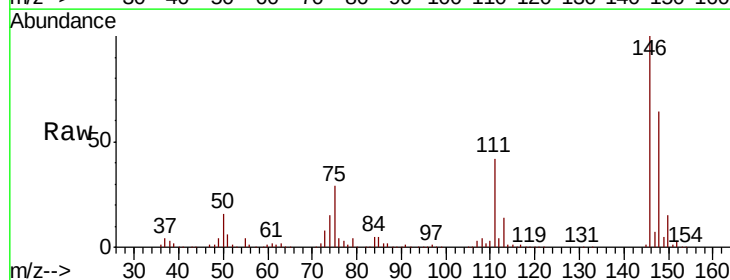
Instrument :  
 BNA\_F  
 ClientSampleId :

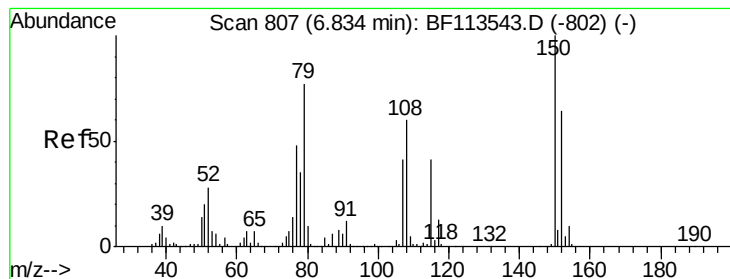
Tot Ion:146 Resp: 405417  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 51.1 76.7  
 111 39.3 32.8 49.2



#14  
 1,2-Dichlorobenzene  
 Concen: 41.687 ng  
 RT: 6.86 min Scan# 811  
 Delta R.T. -0.02 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

Tgt Ion:146 Resp: 373885  
 Ion Ratio Lower Upper  
 146 100  
 148 63.9 50.2 75.4  
 111 41.8 35.4 53.2





#15

Benzyl Alcohol

Concen: 42.088 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA\_F

ClientSampled :

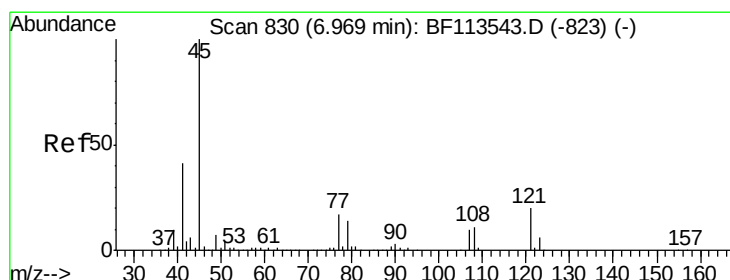
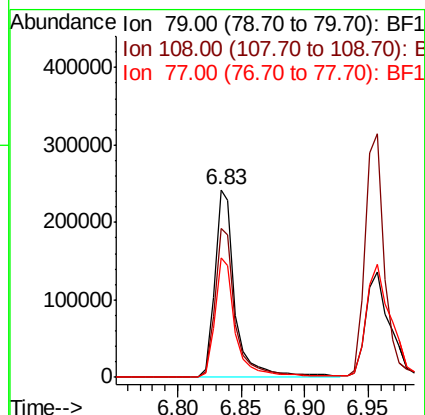
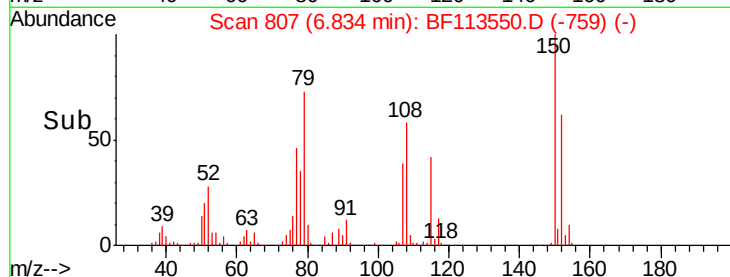
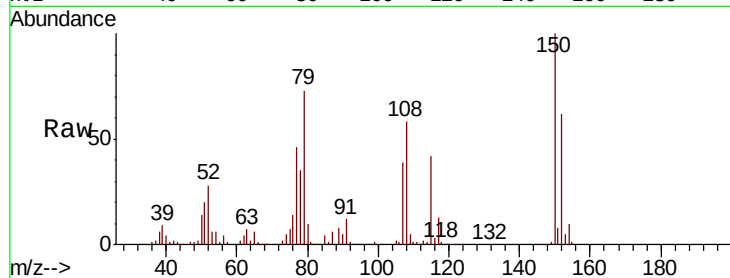
Tot Ion: 79 Resp: 276795

Ion Ratio Lower Upper

79 100

108 79.3 62.0 93.0

77 63.5 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.926 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

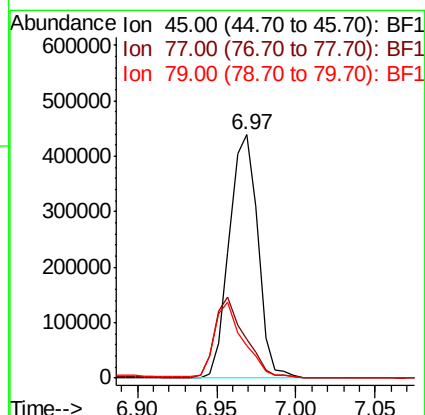
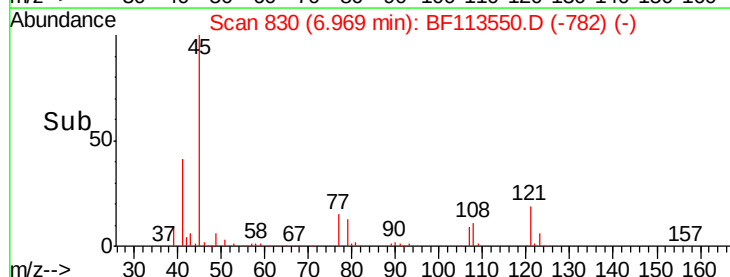
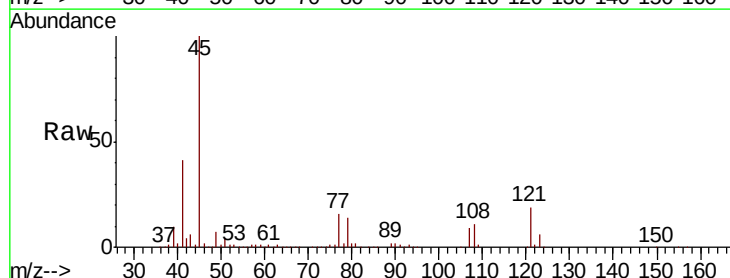
Tgt Ion: 45 Resp: 550466

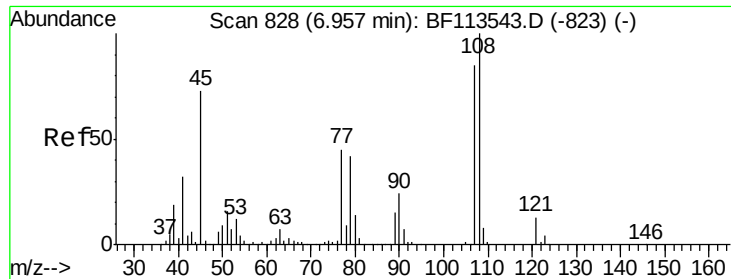
Ion Ratio Lower Upper

45 100

77 16.2 0.0 36.6

79 13.6 0.0 34.0

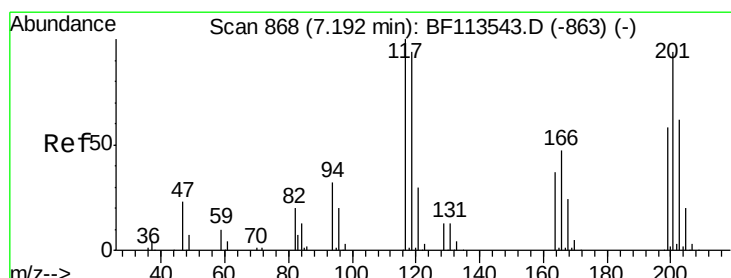
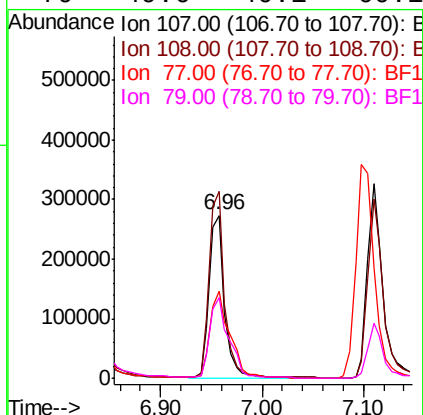
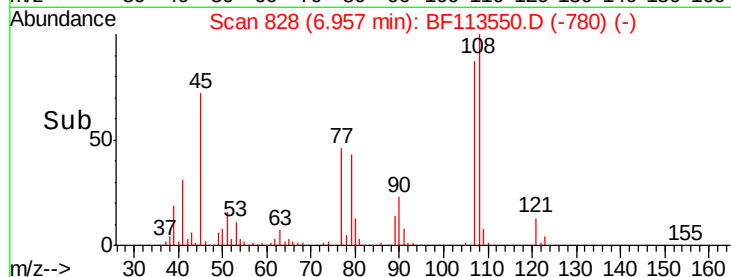
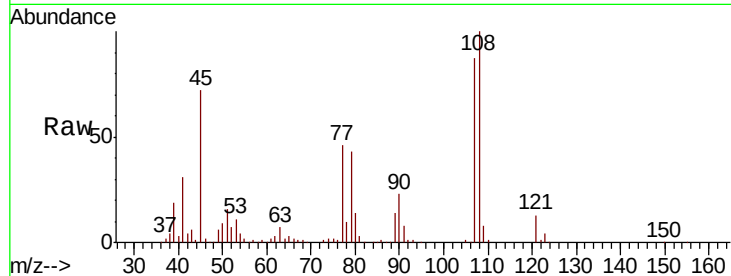




#17  
2-Methylphenol  
Concen: 40.925 ng  
RT: 6.96 min Scan# 828  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

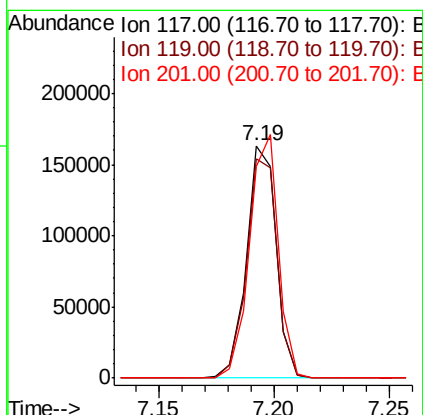
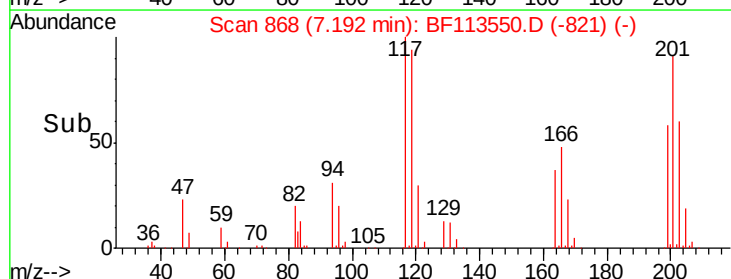
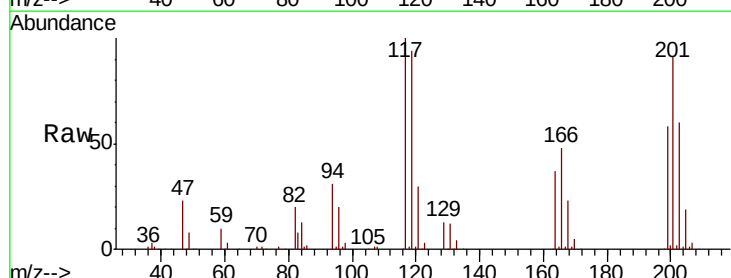
Instrument :  
BNA\_F  
ClientSampleId :

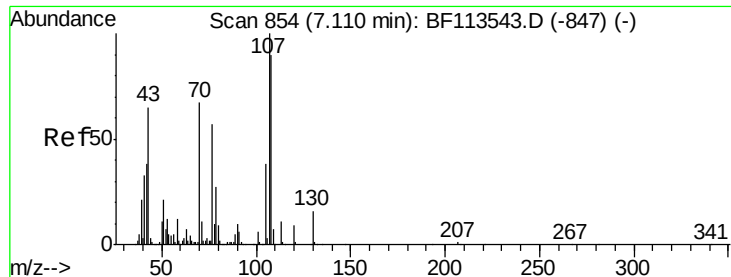
Tot Ion:107 Resp: 289573  
Ion Ratio Lower Upper  
107 100  
108 114.8 93.4 140.0  
77 53.2 41.2 61.8  
79 49.6 40.1 60.1



#18  
Hexachloroethane  
Concen: 40.705 ng  
RT: 7.19 min Scan# 868  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Tgt Ion:117 Resp: 147215  
Ion Ratio Lower Upper  
117 100  
119 94.2 76.9 115.3  
201 91.0 78.7 118.1

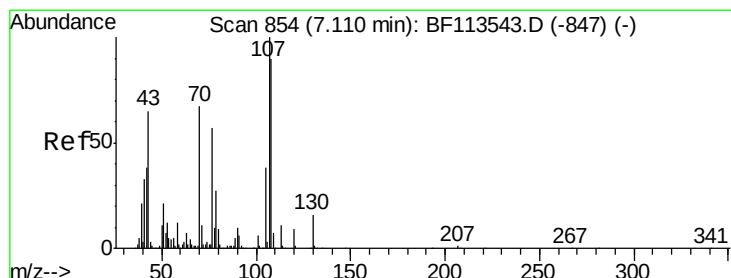
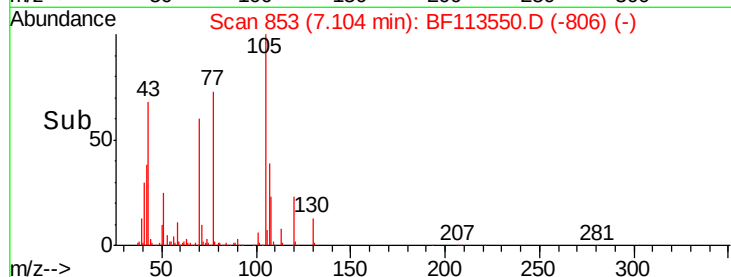
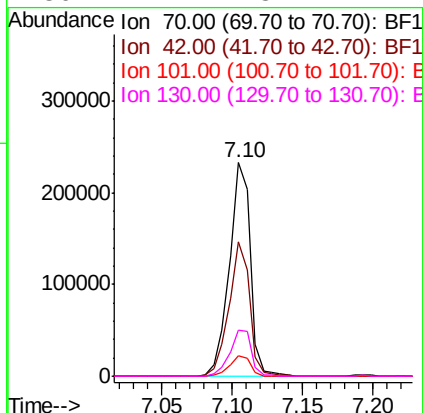
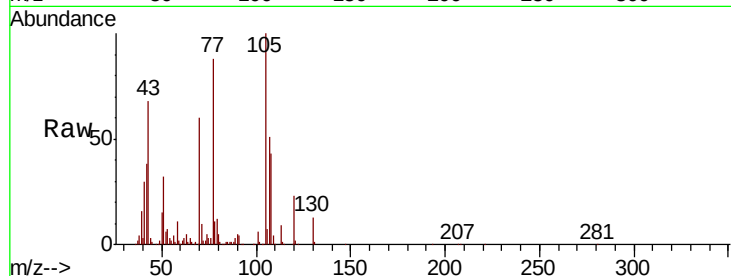




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.216 ng  
RT: 7.10 min Scan# 853  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

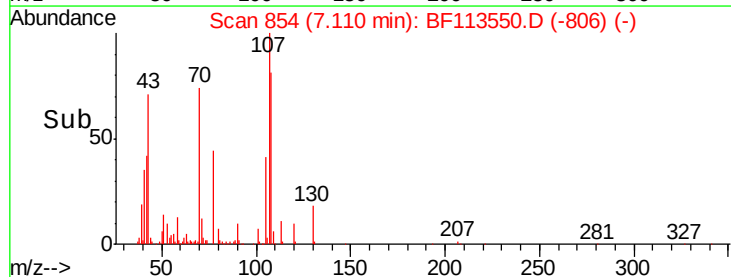
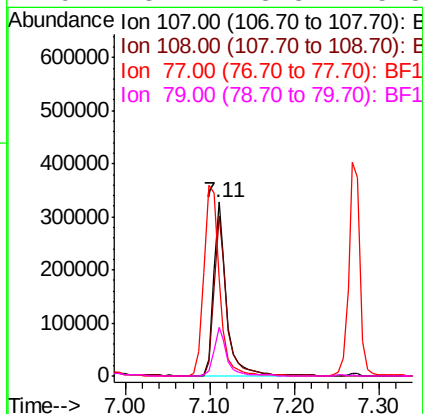
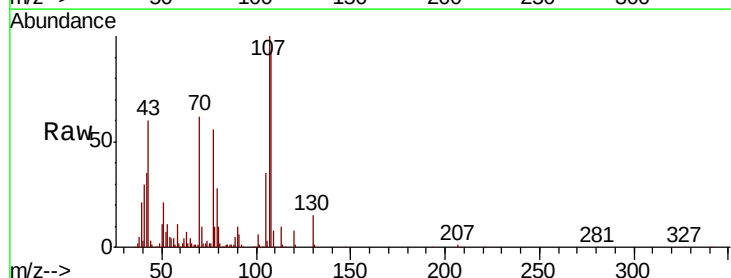
Instrument :  
BNA\_F  
ClientSampleId :

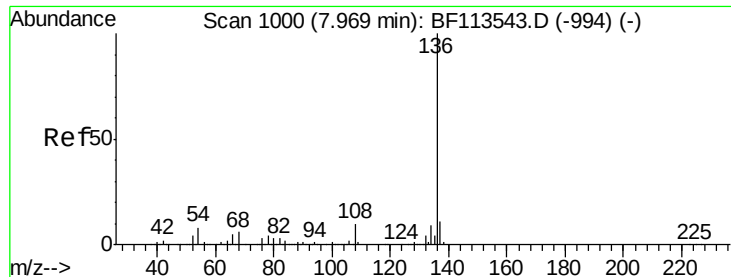
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 62.9 | 48.4  | 72.6  |       |
| 101     | 9.5  | 7.8   | 11.8  |       |
| 130     | 21.7 | 18.2  | 27.4  |       |



#20  
3+4-Methylphenols  
Concen: 41.370 ng  
RT: 7.11 min Scan# 854  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 91.9 | 71.4  | 111.4 |       |
| 77      | 56.2 | 33.5  | 73.5  |       |
| 79      | 28.1 | 8.3   | 48.3  |       |

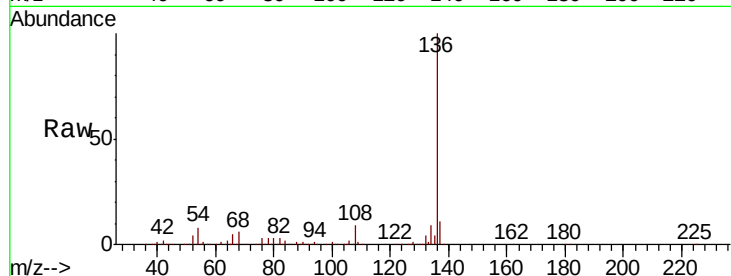




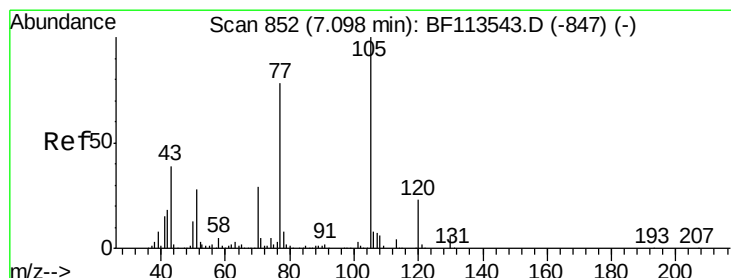
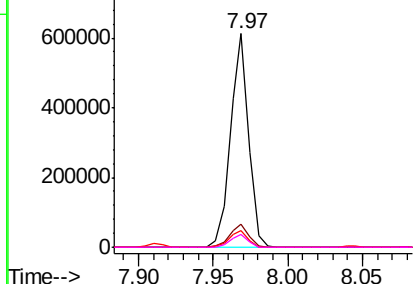
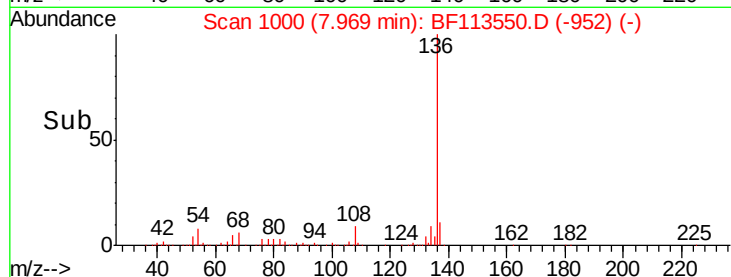
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.97 min Scan# 1000  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Instrument :  
BNA\_F  
ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 526757      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 10.8  | 8.9 13.3    |
| 54          | 7.7   | 7.0 10.6    |
| 68          | 5.8   | 4.8 7.2     |

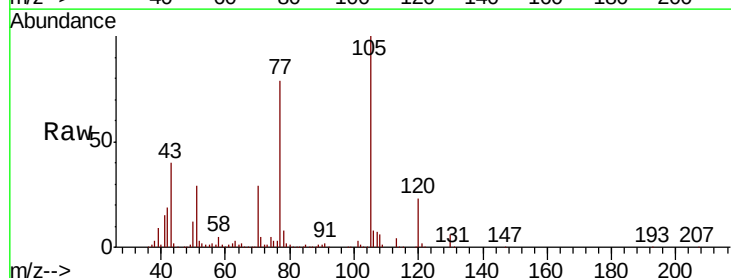


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

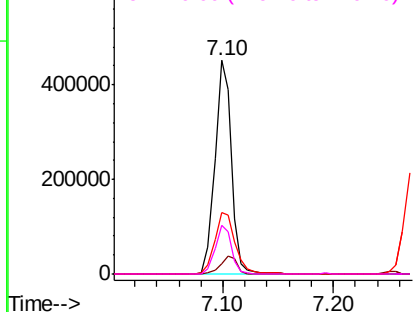
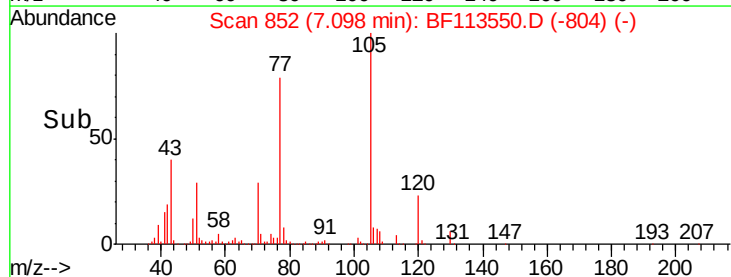


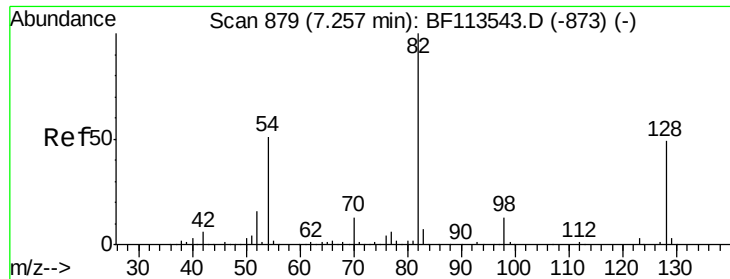
#22  
Acetophenone  
Concen: 40.096 ng  
RT: 7.10 min Scan# 852  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 463887      |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 4.7   | 3.3 4.9     |
| 51          | 29.0  | 24.2 36.2   |
| 120         | 22.8  | 18.1 27.1   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E

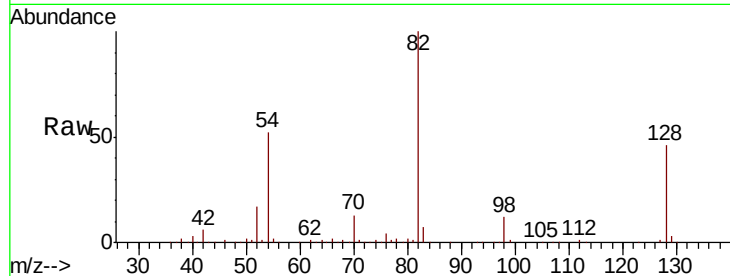




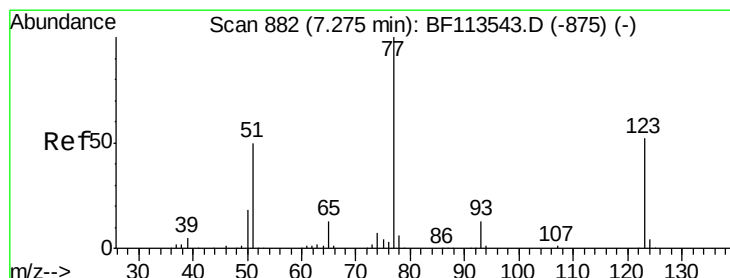
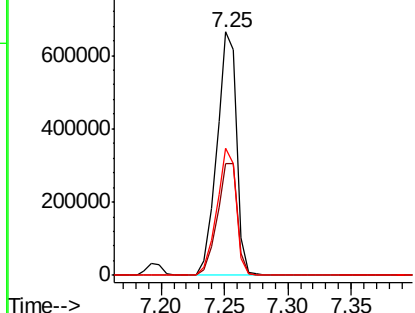
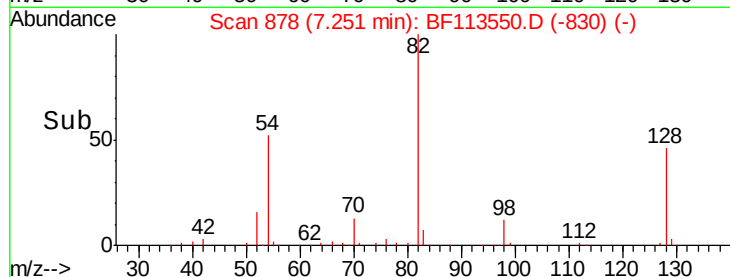
#23  
Nitrobenzene-d5  
Concen: 80.669 ng  
RT: 7.25 min Scan# 878  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion: 82 Resp: 725442  
Ion Ratio Lower Upper  
82 100  
128 45.7 36.5 54.7  
54 52.4 42.2 63.2

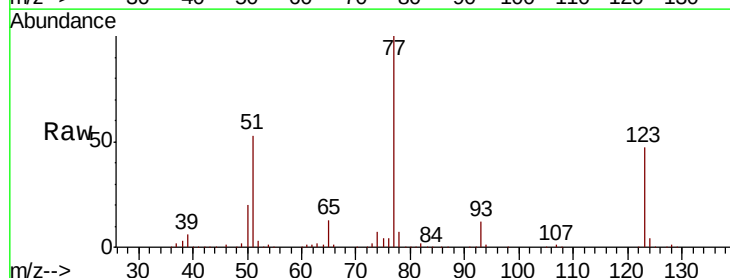


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

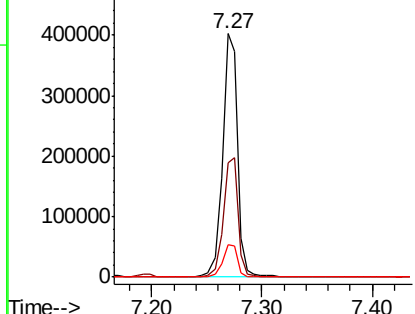
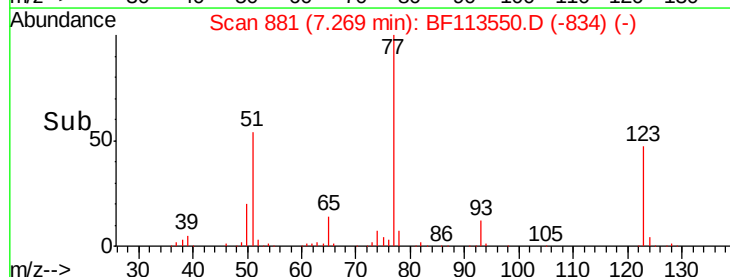


#24  
Nitrobenzene  
Concen: 40.719 ng  
RT: 7.27 min Scan# 881  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

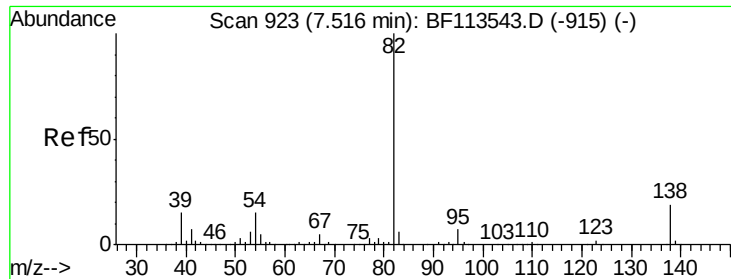
Tgt Ion: 77 Resp: 377104  
Ion Ratio Lower Upper  
77 100  
123 46.9 40.8 61.2  
65 13.5 10.6 16.0



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



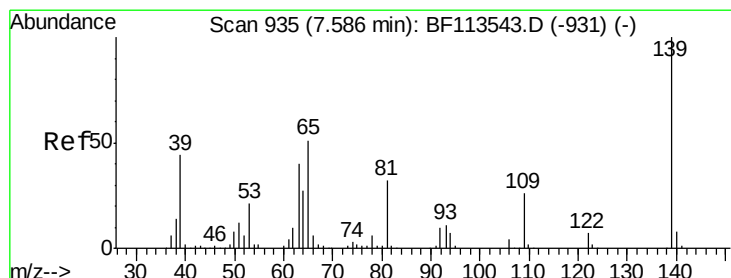
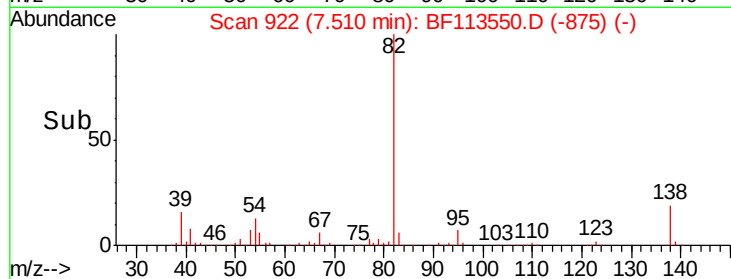
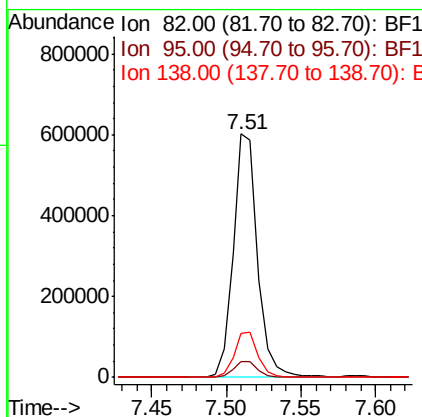
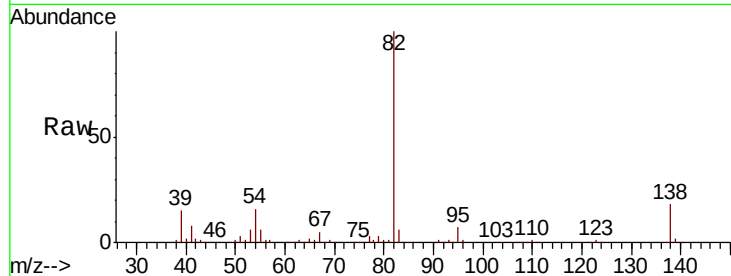




#25  
Isophorone  
Concen: 39.567 ng  
RT: 7.51 min Scan# 922  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

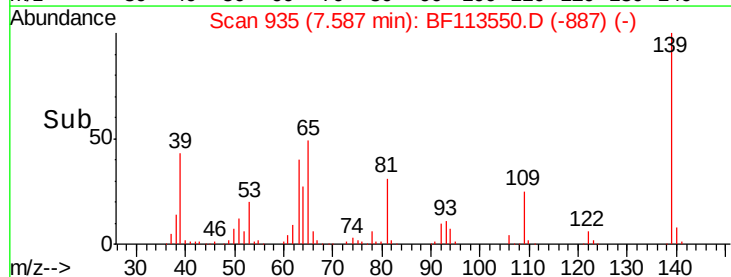
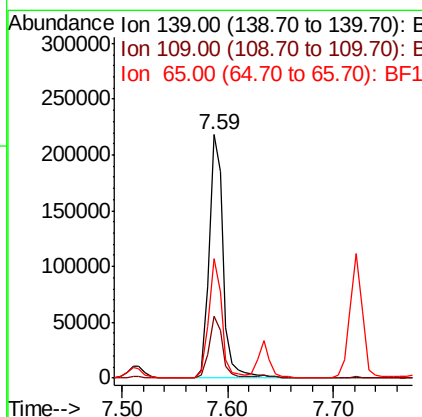
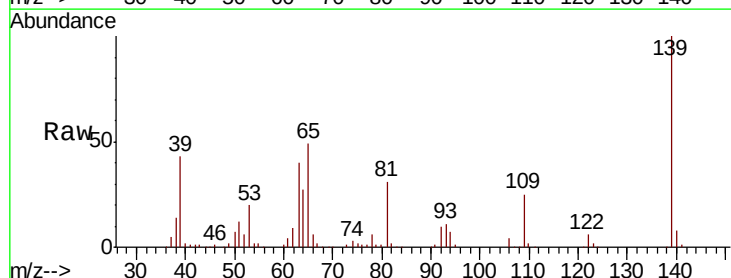
Instrument :  
BNA\_F  
ClientSampleId :

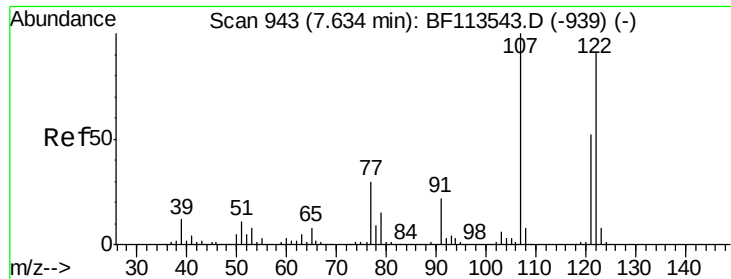
Tot Ion: 82 Resp: 685439  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.5 8.3  
138 17.9 15.2 22.8



#26  
2-Nitrophenol  
Concen: 40.989 ng  
RT: 7.59 min Scan# 935  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Tgt Ion: 139 Resp: 204303  
Ion Ratio Lower Upper  
139 100  
109 25.3 21.7 32.5  
65 49.0 41.6 62.4

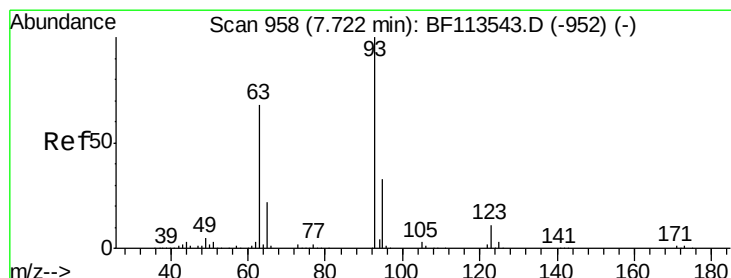
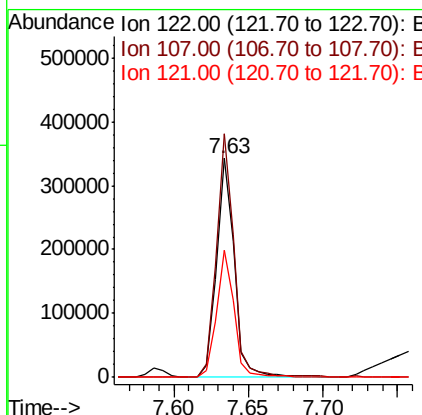
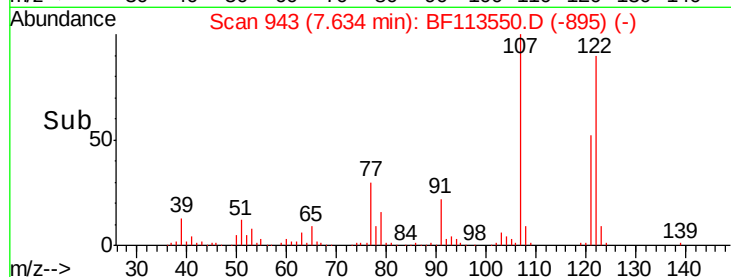
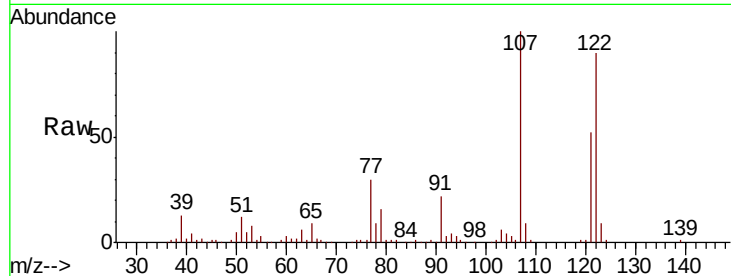




#27  
 2,4-Dimethylphenol  
 Concen: 39.762 ng  
 RT: 7.63 min Scan# 943  
 Delta R.T. -0.02 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

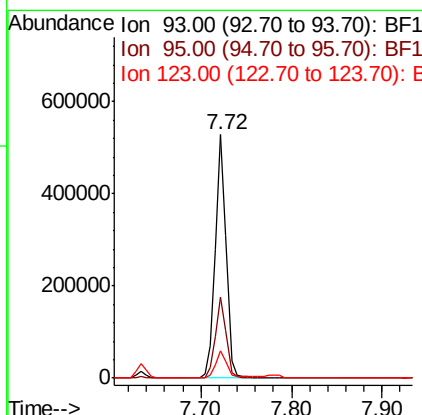
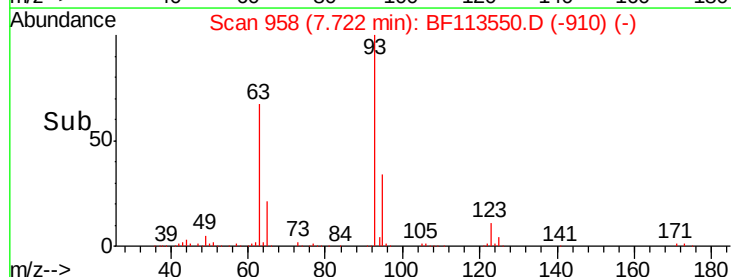
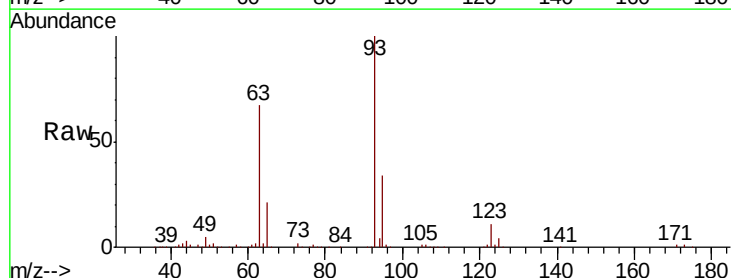
Instrument :  
 BNA\_F  
 ClientSampleId :

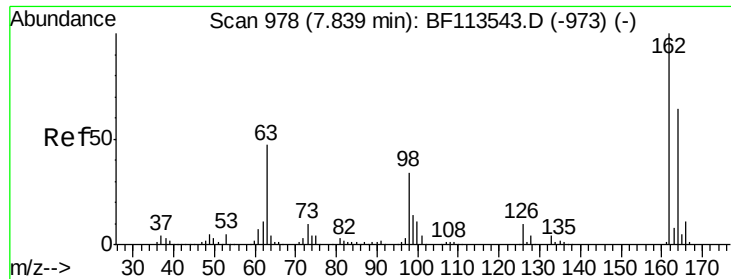
Tot Ion:122 Resp: 283336  
 Ion Ratio Lower Upper  
 122 100  
 107 111.2 88.8 133.2  
 121 57.9 45.5 68.3



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.619 ng  
 RT: 7.72 min Scan# 958  
 Delta R.T. -0.02 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

Tgt Ion: 93 Resp: 444876  
 Ion Ratio Lower Upper  
 93 100  
 95 33.5 26.0 39.0  
 123 11.0 9.1 13.7

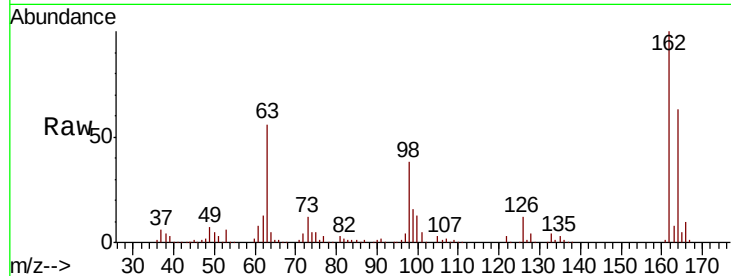




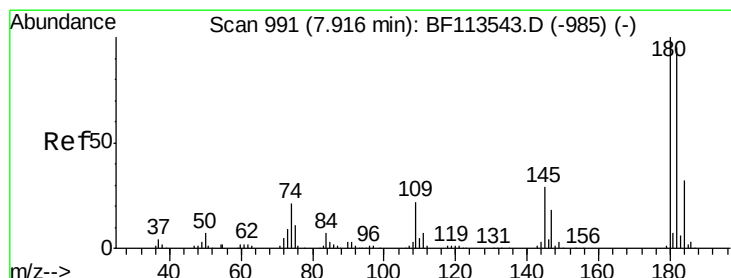
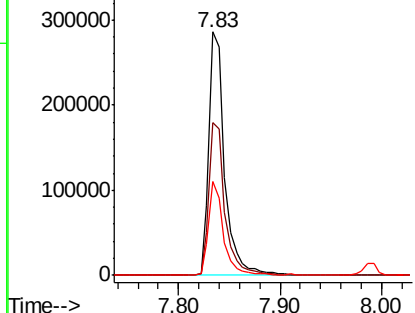
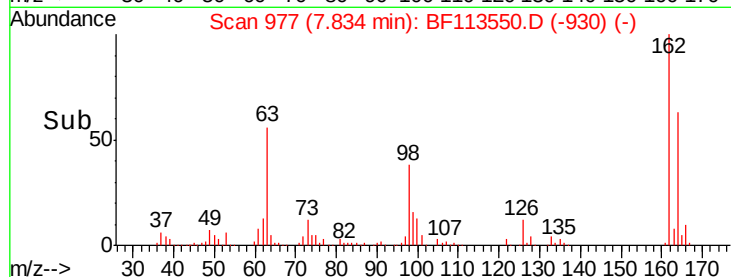
#29  
 2,4-Dichlorophenol  
 Concen: 40.767 ng  
 RT: 7.83 min Scan# 977  
 Delta R.T. -0.02 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

Instrument :  
 BNA\_F  
 ClientSampleID :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.8  | 44.6  | 84.6  |
| 98      | 38.3  | 15.6  | 55.6  |

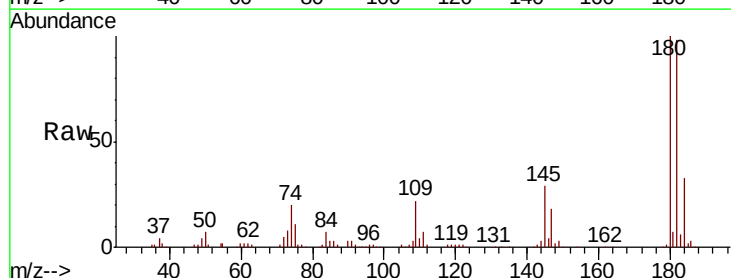


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

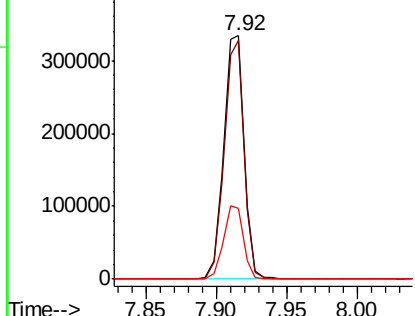
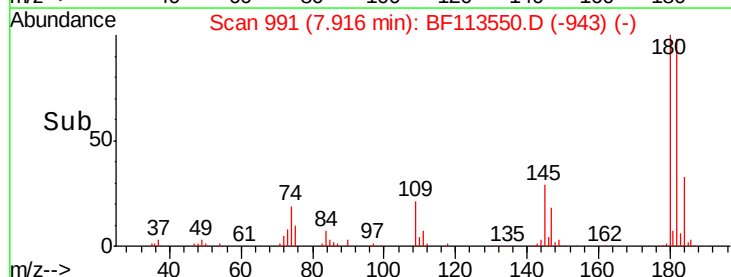


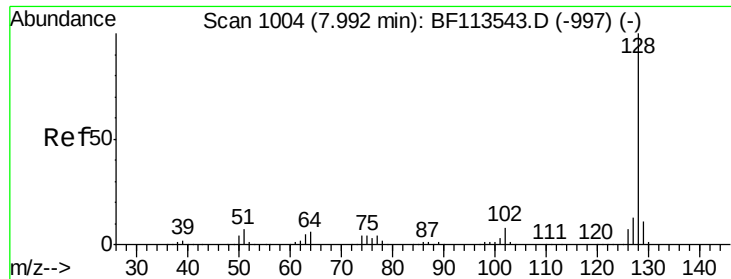
#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.383 ng  
 RT: 7.92 min Scan# 991  
 Delta R.T. -0.02 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.9  | 74.6  | 111.8 |
| 145     | 29.1  | 23.4  | 35.0  |



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

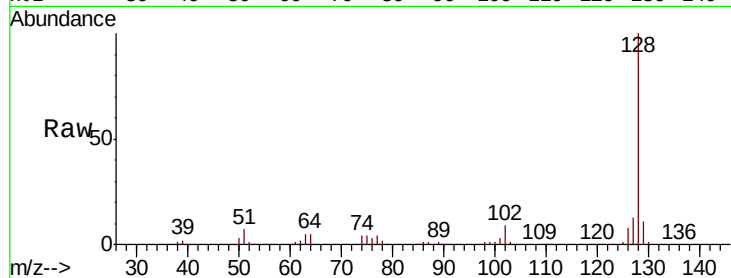




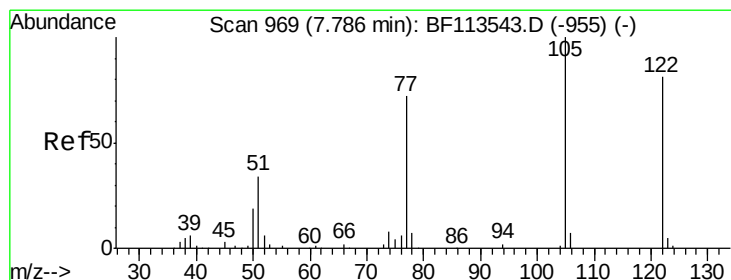
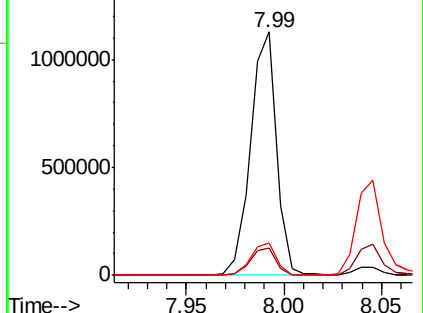
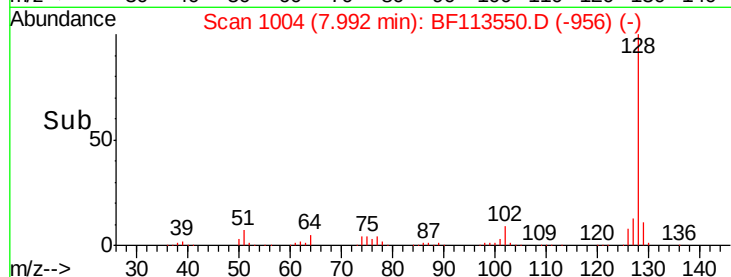
#31  
Naphthalene  
Concen: 40.714 ng  
RT: 7.99 min Scan# 1004  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:128 Resp: 1039136  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.3 13.9  
127 13.3 10.9 16.3

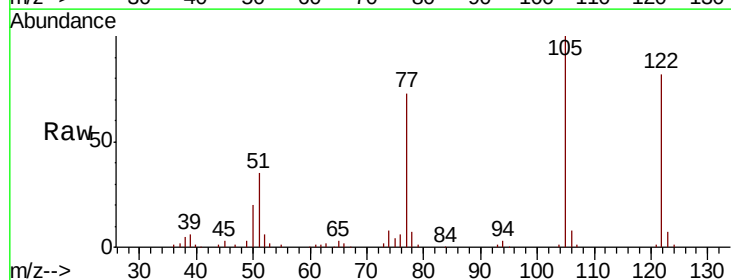


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

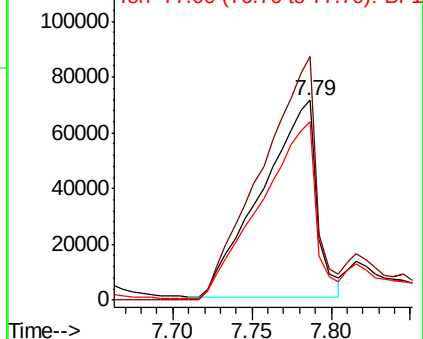
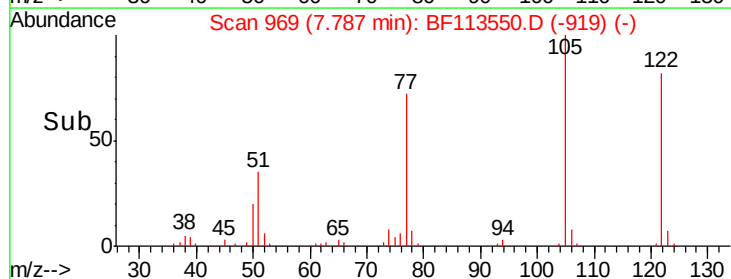


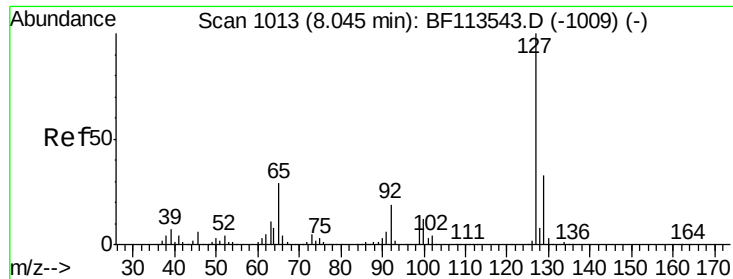
#32  
Benzoic acid  
Concen: 32.821 ng  
RT: 7.79 min Scan# 969  
Delta R.T. -0.01 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Tgt Ion:122 Resp: 170567  
Ion Ratio Lower Upper  
122 100  
105 121.8 100.4 140.4  
77 89.0 69.0 109.0



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

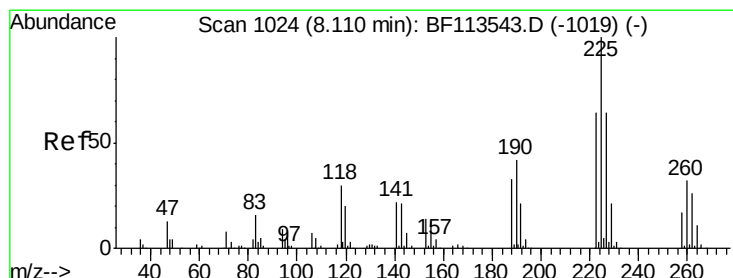
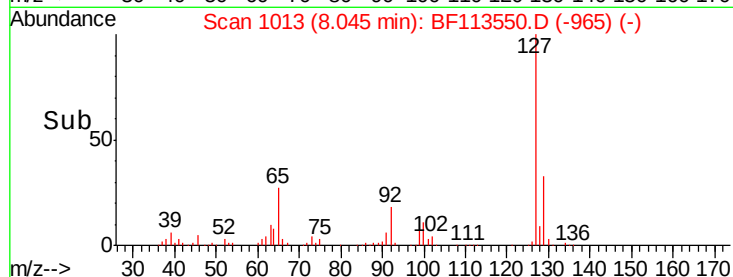
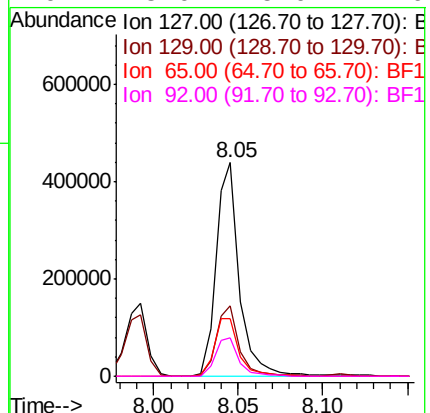
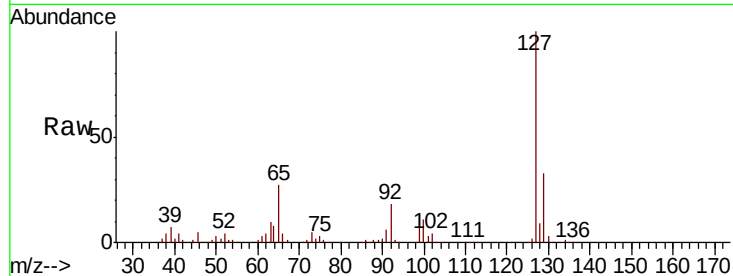




#33  
4-Chloroaniline  
Concen: 41.496 ng  
RT: 8.05 min Scan# 1013  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

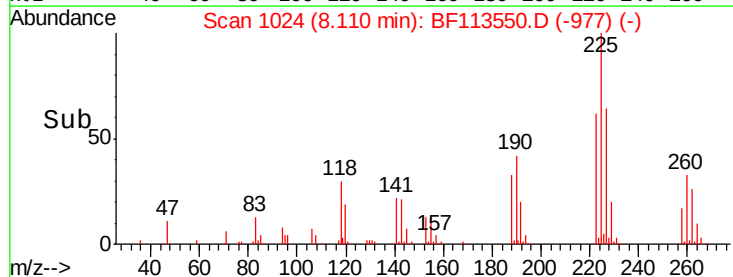
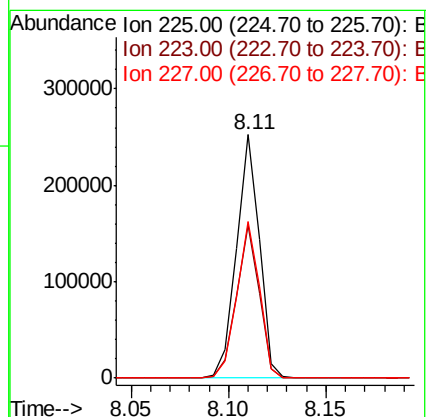
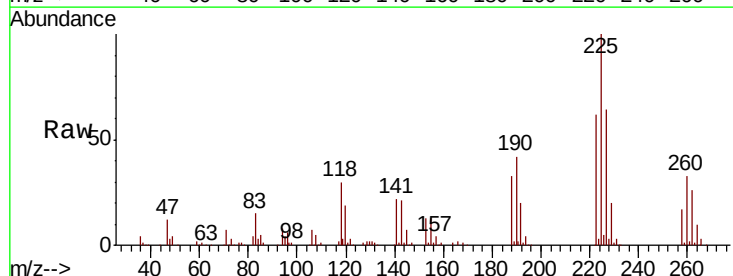
Instrument :  
BNA\_F  
ClientSampleId :

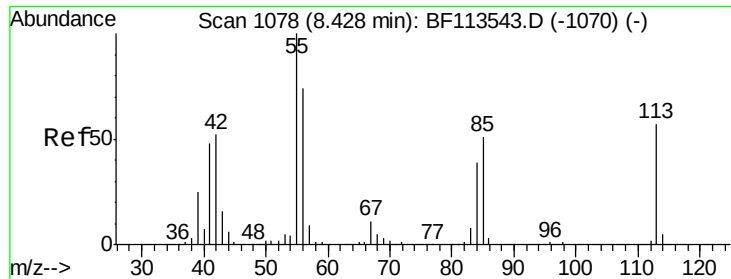
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 419941 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 26.3  | 39.5   |
| 65       | 27.2  | 24.2  | 36.4   |
| 92       | 18.0  | 15.0  | 22.6   |



#34  
Hexachlorobutadiene  
Concen: 40.768 ng  
RT: 8.11 min Scan# 1024  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 205783 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 51.4  | 77.2   |
| 227      | 64.3  | 51.1  | 76.7   |

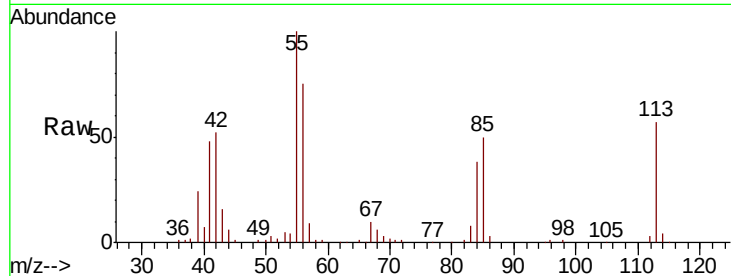




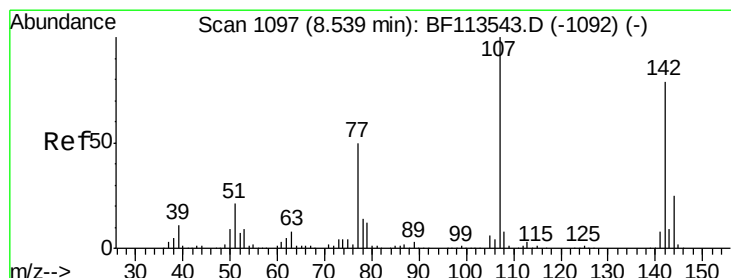
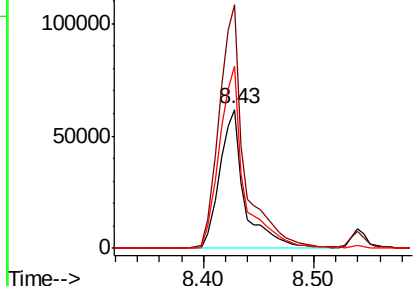
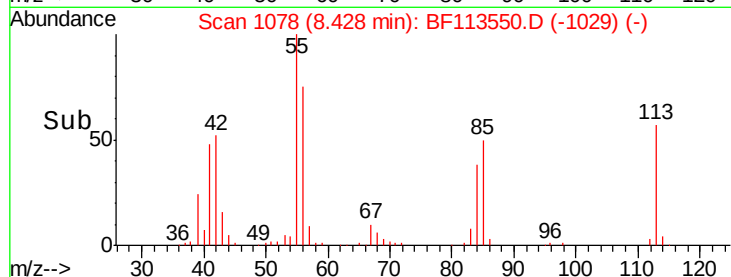
#35  
 Caprolactam  
 Concen: 40.162 ng  
 RT: 8.43 min Scan# 1078  
 Delta R.T. -0.01 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

Instrument :  
 BNA\_F  
 ClientSampleID :

Tot Ion:113 Resp: 97198  
 Ion Ratio Lower Upper  
 113 100  
 55 174.9 152.7 192.7  
 56 131.1 108.3 148.3

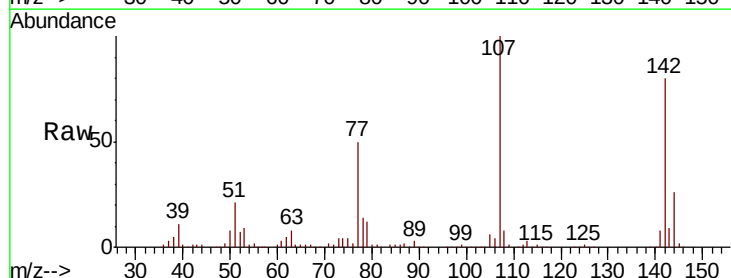


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

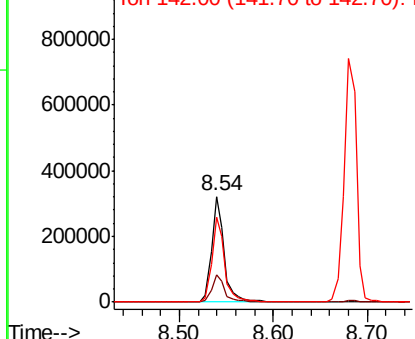
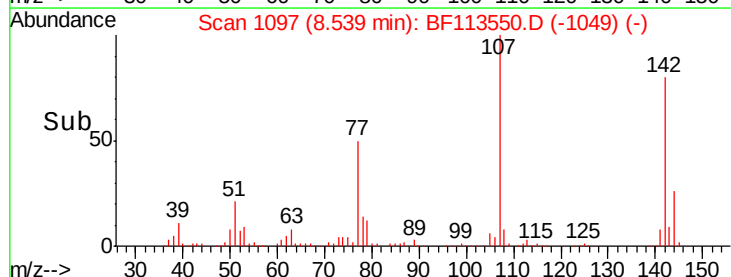


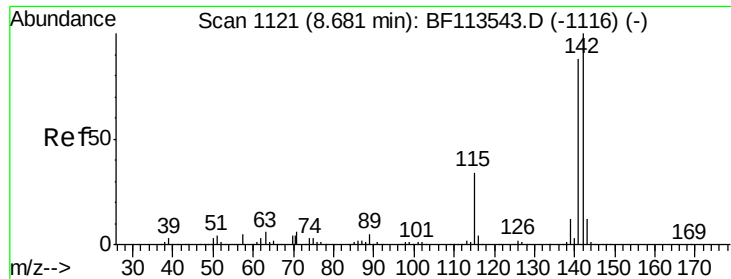
#36  
 4-Chloro-3-methylphenol  
 Concen: 40.563 ng  
 RT: 8.54 min Scan# 1097  
 Delta R.T. -0.02 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

Tgt Ion:107 Resp: 310441  
 Ion Ratio Lower Upper  
 107 100  
 144 26.0 21.4 32.0  
 142 80.2 65.6 98.4



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

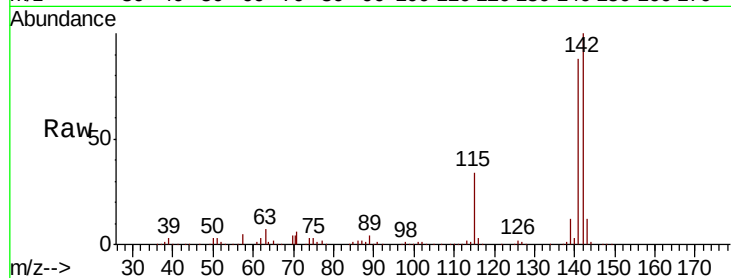




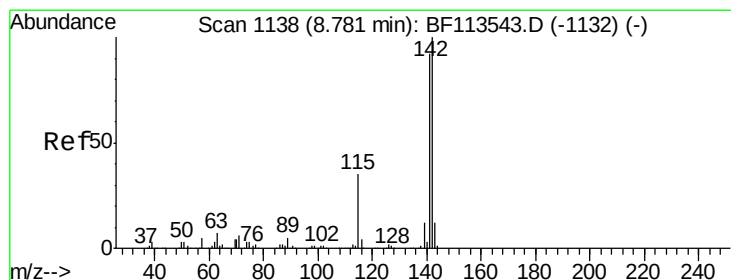
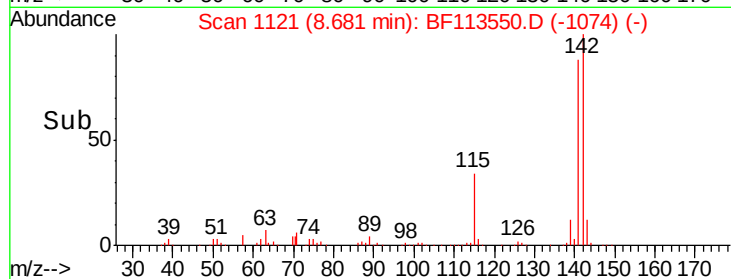
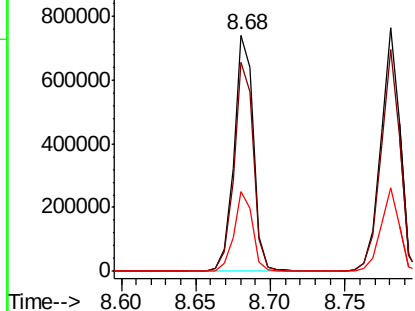
#37  
2-Methylnaphthalene  
Concen: 40.397 ng  
RT: 8.68 min Scan# 1121  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:142 Resp: 678114  
Ion Ratio Lower Upper  
142 100  
141 88.4 71.0 106.6  
115 33.9 26.6 39.8

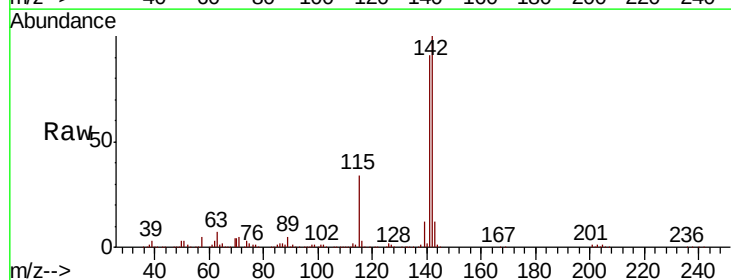


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

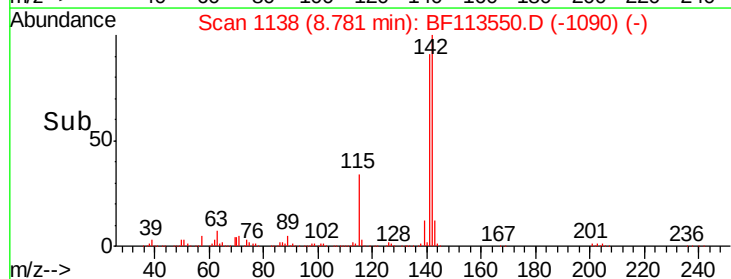
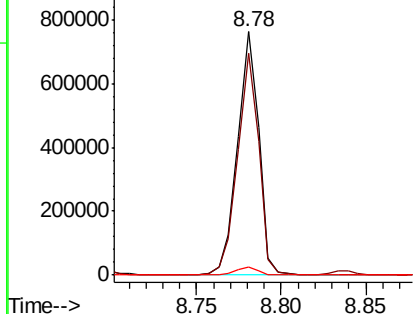


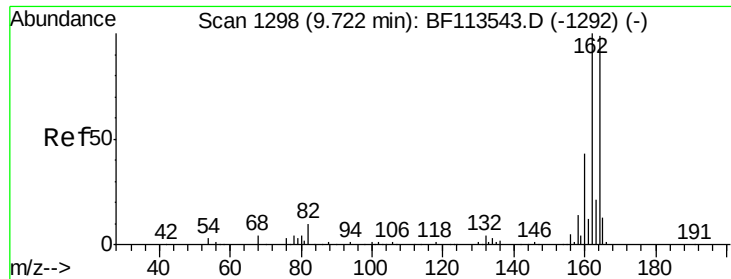
#38  
1-Methylnaphthalene  
Concen: 40.935 ng  
RT: 8.78 min Scan# 1138  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Tgt Ion:142 Resp: 662587  
Ion Ratio Lower Upper  
142 100  
141 90.9 73.2 109.8  
116 3.4 3.0 4.4



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

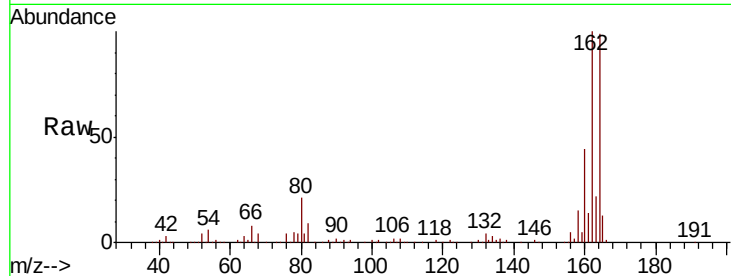




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.72 min Scan# 1298  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.1 | 81.8  | 122.6 |
| 160     | 44.5  | 36.4  | 54.6  |

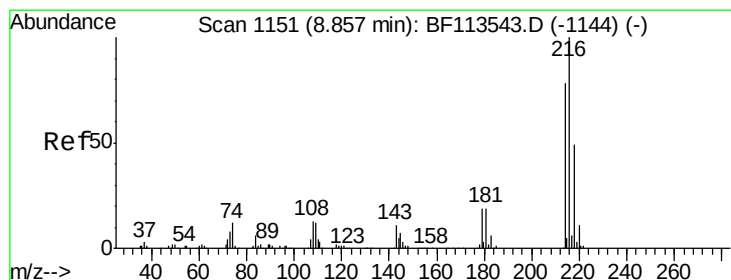
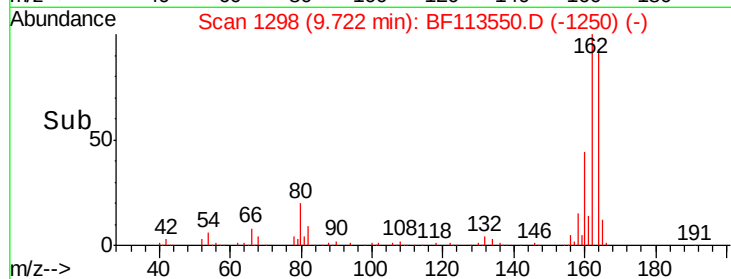
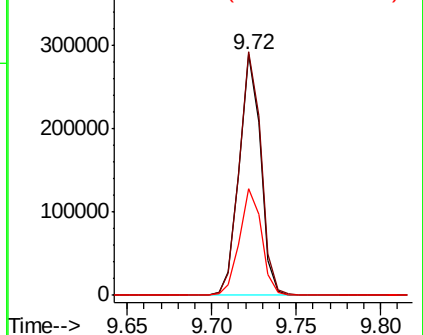


Abundance

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: 40.641 ng  
RT: 8.85 min Scan# 1150  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.0  | 63.0  | 94.6  |
| 179     | 20.3  | 16.8  | 25.2  |
| 108     | 16.4  | 13.8  | 20.6  |

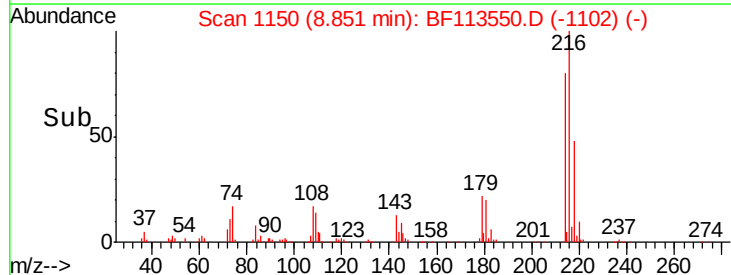
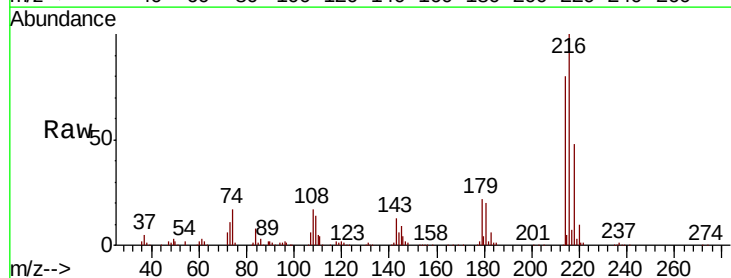
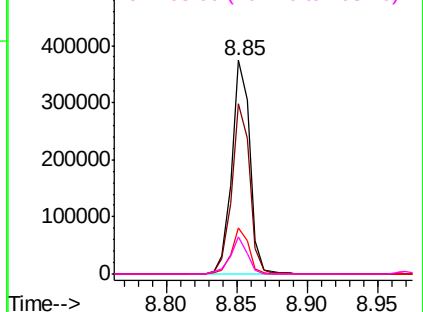
Abundance

Ion 216.00 (215.70 to 216.70): E

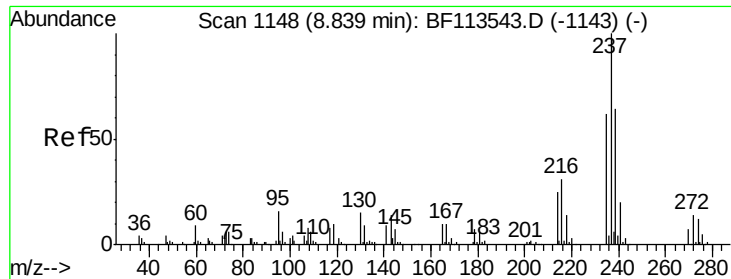
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 38.493 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA\_F

ClientSampled :

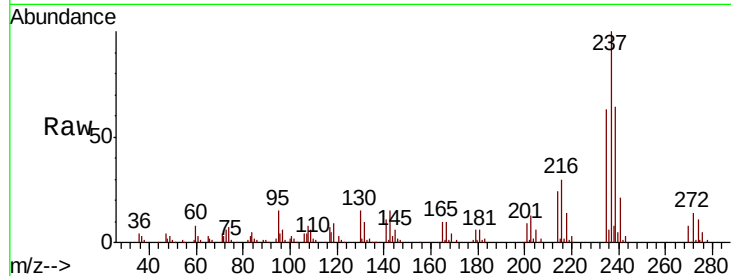
Tot Ion:237 Resp: 86757

Ion Ratio Lower Upper

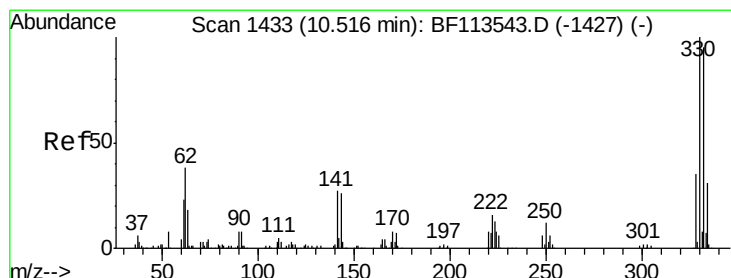
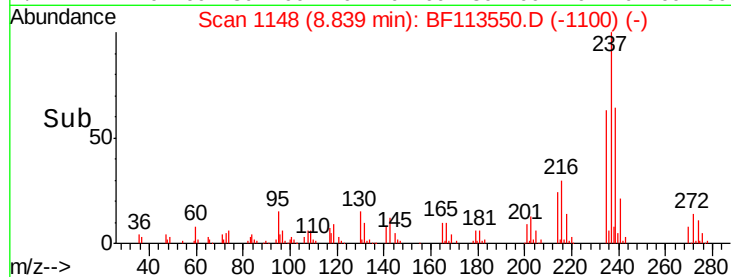
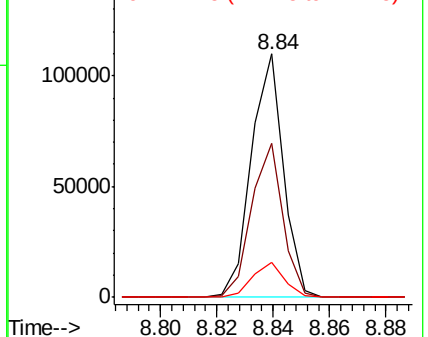
237 100

235 63.1 43.4 83.4

272 14.4 0.0 33.7



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: 79.806 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

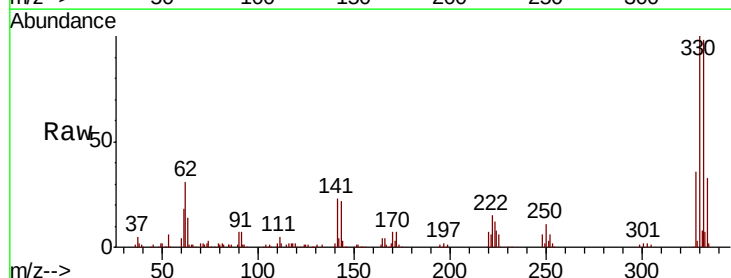
Tgt Ion:330 Resp: 243653

Ion Ratio Lower Upper

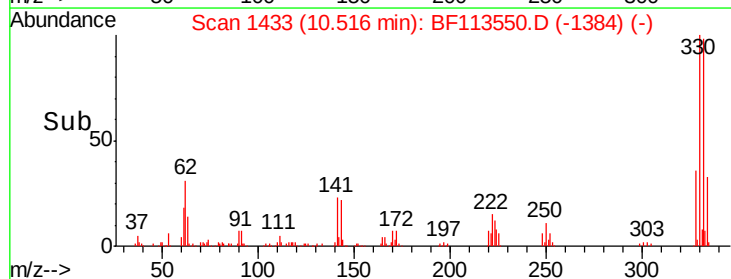
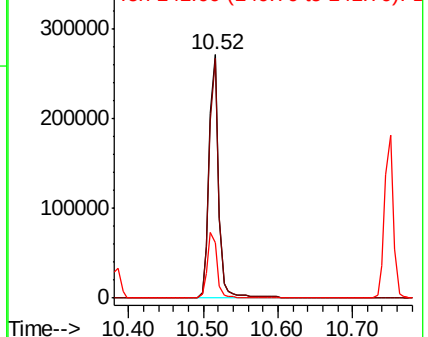
330 100

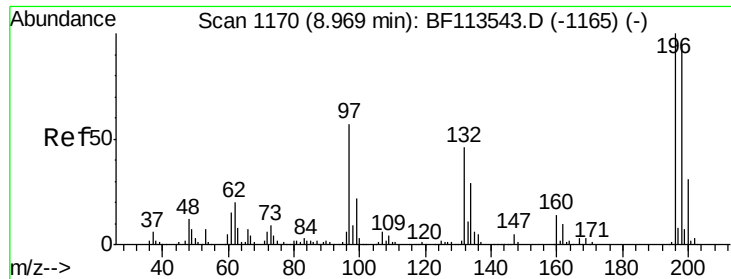
332 98.4 77.8 116.6

141 27.9 22.7 34.1



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

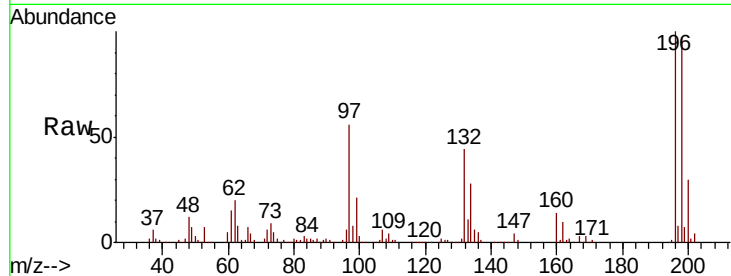




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.102 ng  
 RT: 8.97 min Scan# 1170  
 Delta R.T. -0.02 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | 196   | Resp  | 208070 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 196     | 100   |       |        |
| 198     | 96.9  | 77.7  | 116.5  |
| 200     | 30.4  | 24.9  | 37.3   |

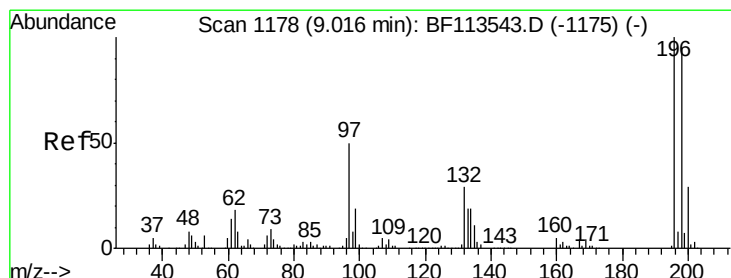
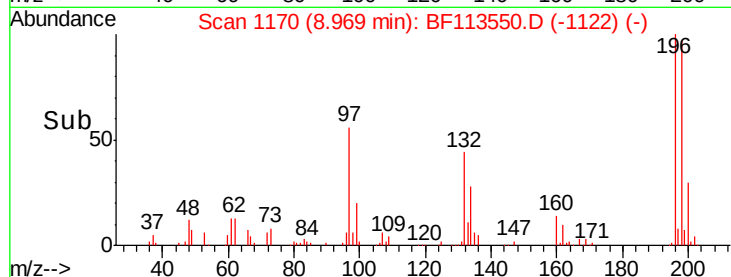
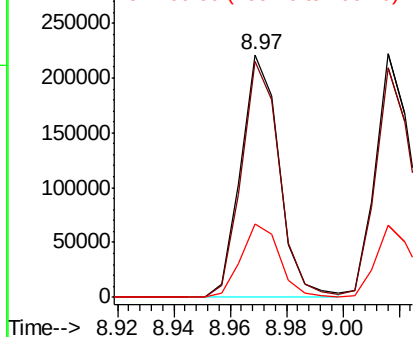


Abundance

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: 40.507 ng  
 RT: 9.02 min Scan# 1178  
 Delta R.T. -0.01 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

| Tgt Ion | 196   | Resp  | 225637 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 196     | 100   |       |        |
| 198     | 94.2  | 75.4  | 113.2  |
| 97      | 48.7  | 38.6  | 58.0   |
| 132     | 28.3  | 22.9  | 34.3   |

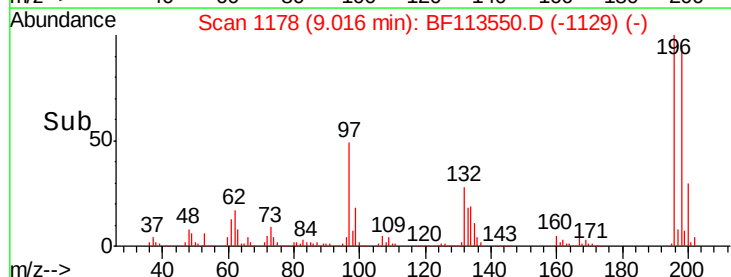
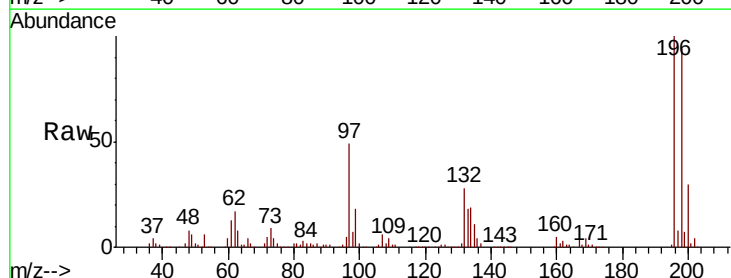
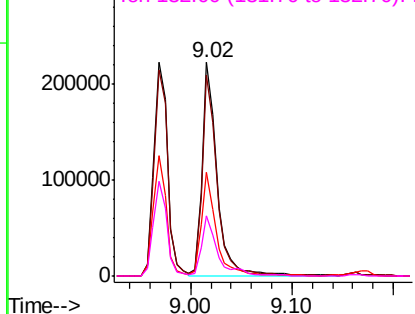
Abundance

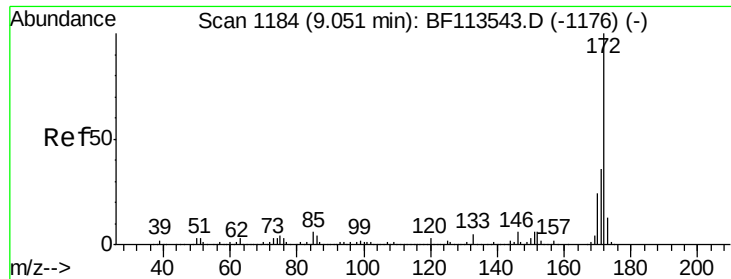
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

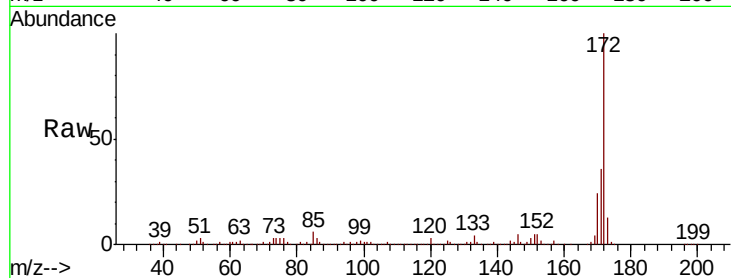




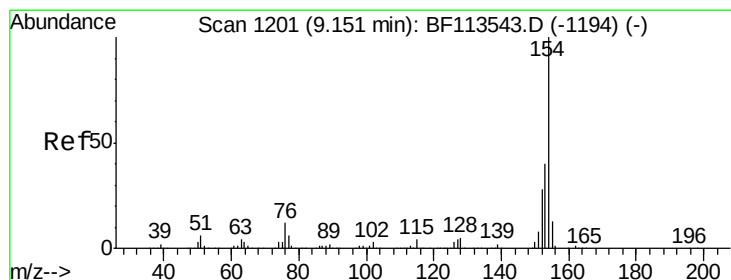
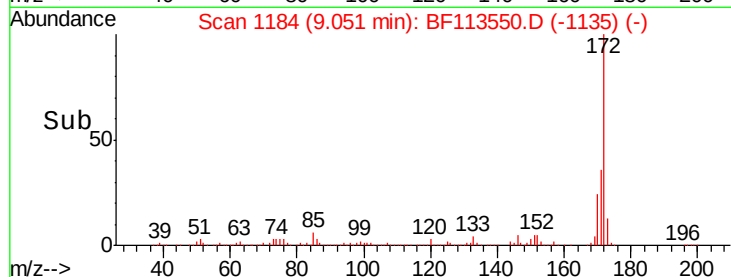
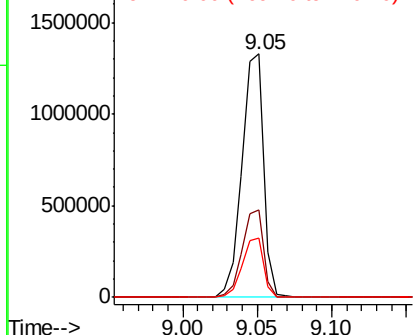
#45  
2-Fluorobiphenyl  
Concen: 84.917 ng  
RT: 9.05 min Scan# 1184  
Delta R.T. -0.01 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 1340619  
Ion Ratio Lower Upper  
172 100  
171 35.8 29.0 43.6  
170 24.1 19.5 29.3

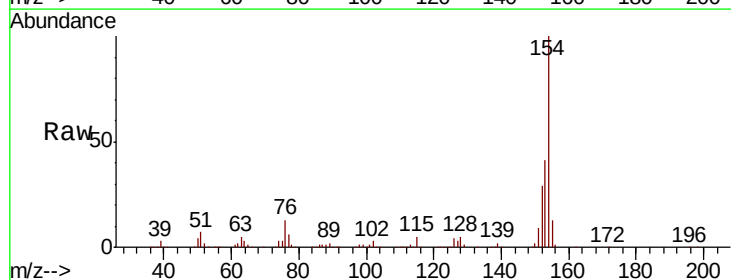


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

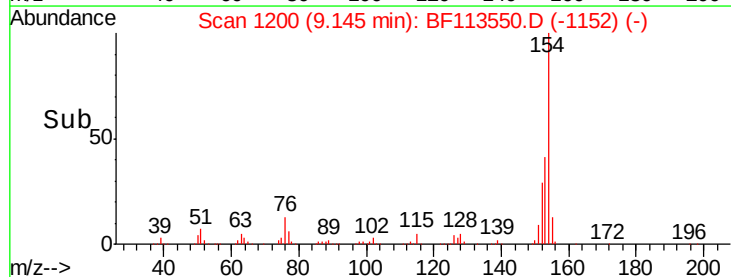
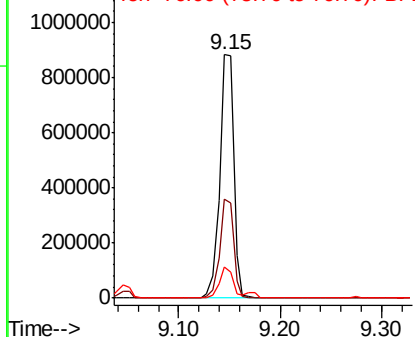


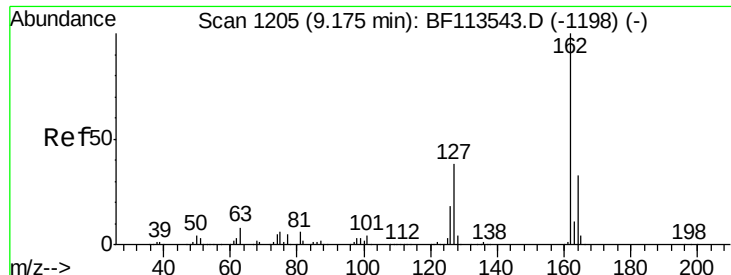
#46  
1,1'-Biphenyl  
Concen: 40.509 ng  
RT: 9.15 min Scan# 1200  
Delta R.T. -0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Tgt Ion:154 Resp: 849604  
Ion Ratio Lower Upper  
154 100  
153 40.5 20.8 60.8  
76 12.9 0.0 31.9



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

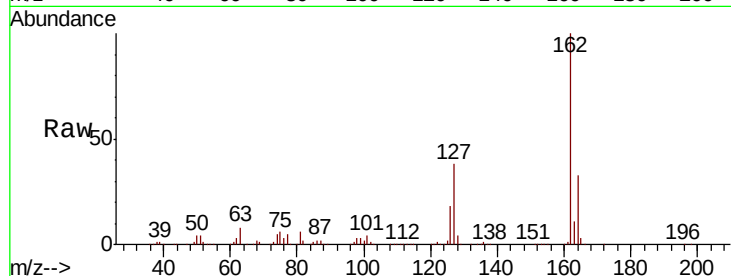




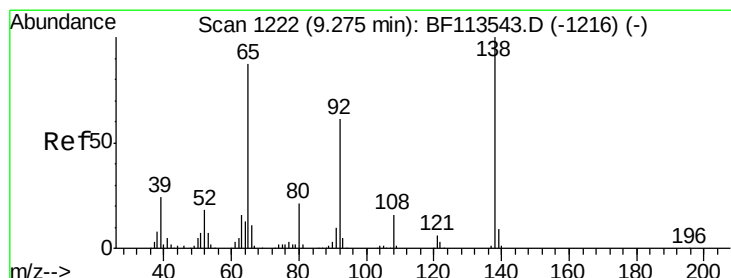
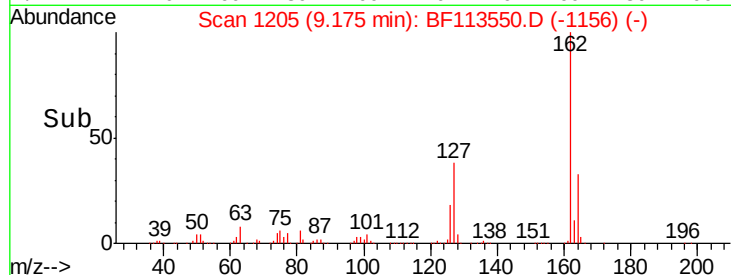
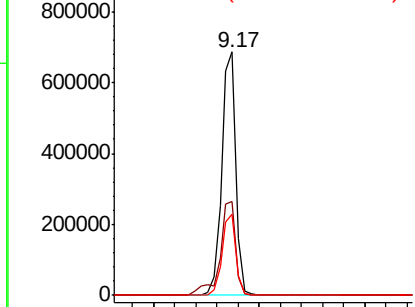
#47  
 2-Chloronaphthalene  
 Concen: 40.602 ng  
 RT: 9.17 min Scan# 1205  
 Delta R.T. -0.01 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.4  | 32.6  | 49.0  |
| 164     | 33.4  | 26.6  | 39.8  |

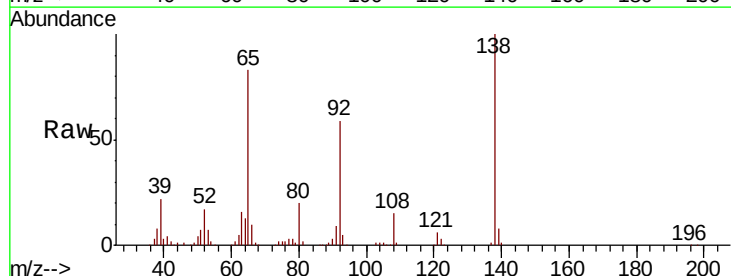


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

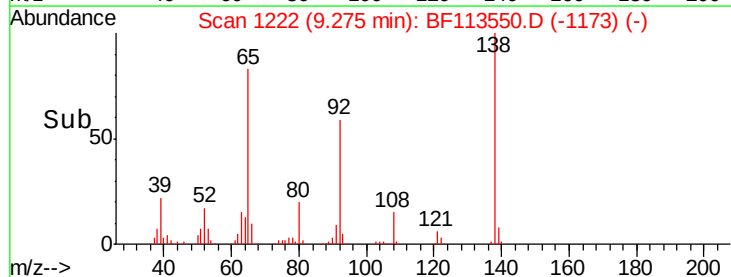
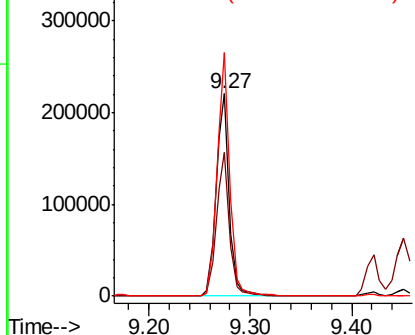


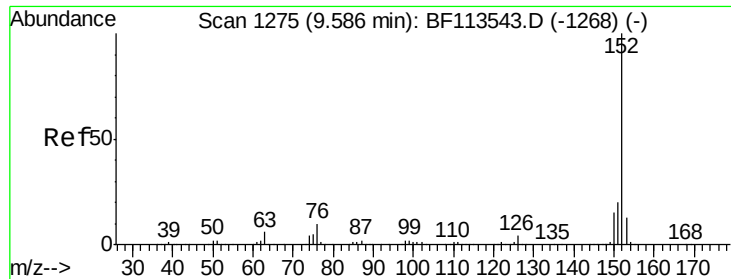
#48  
 2-Nitroaniline  
 Concen: 40.766 ng  
 RT: 9.27 min Scan# 1222  
 Delta R.T. -0.01 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.4  | 56.8  | 85.2  |
| 138     | 120.5 | 92.3  | 138.5 |



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





#49

Acenaphthylene

Concen: 41.026 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA\_F

ClientSampleId :

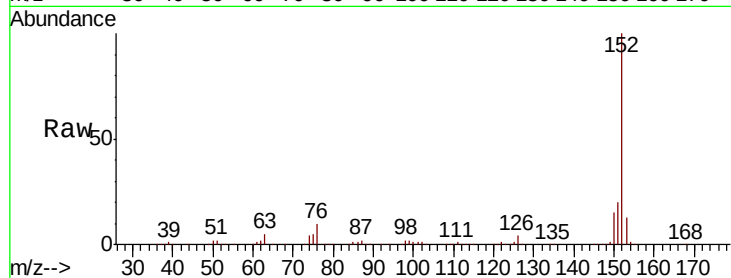
Tot Ion:152 Resp: 1059352

Ion Ratio Lower Upper

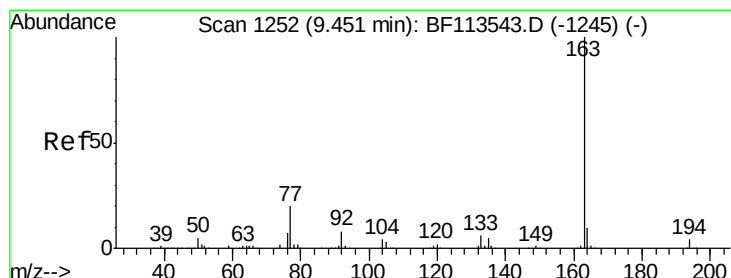
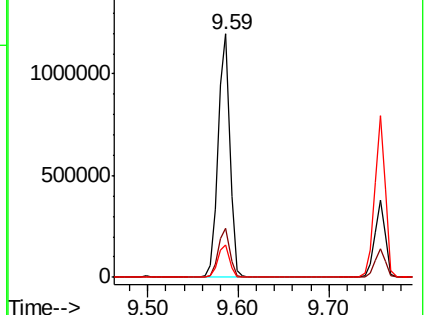
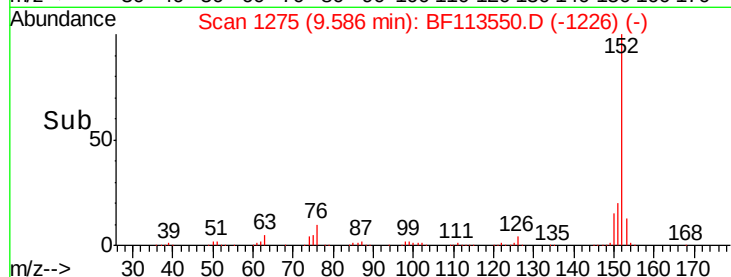
152 100

151 20.4 16.2 24.4

153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.292 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

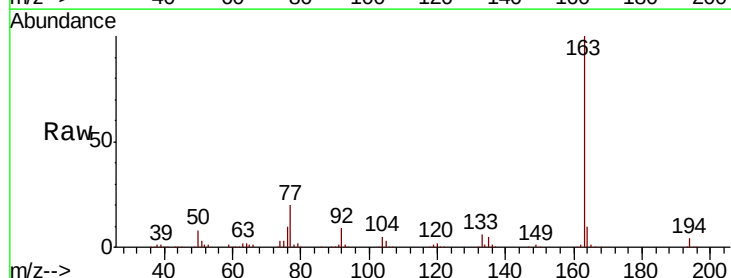
Tgt Ion:163 Resp: 736134

Ion Ratio Lower Upper

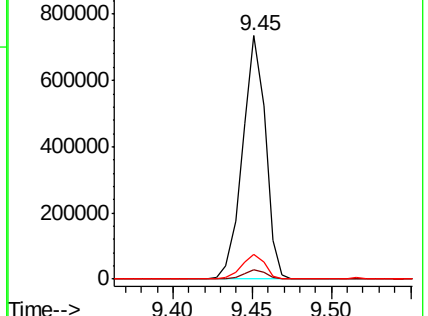
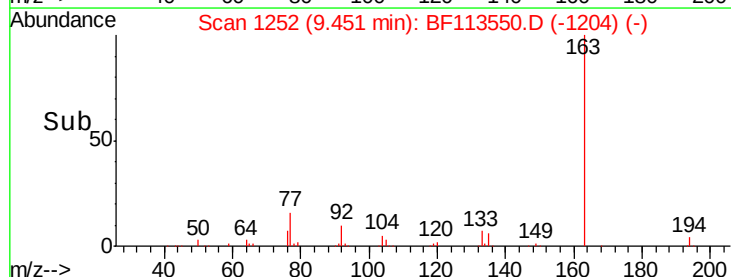
163 100

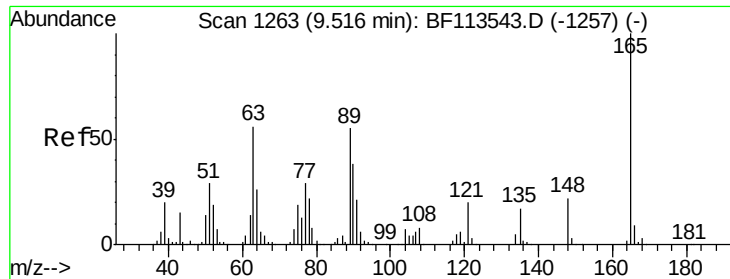
194 3.8 3.0 4.6

164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.604 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA\_F

ClientSampleId :

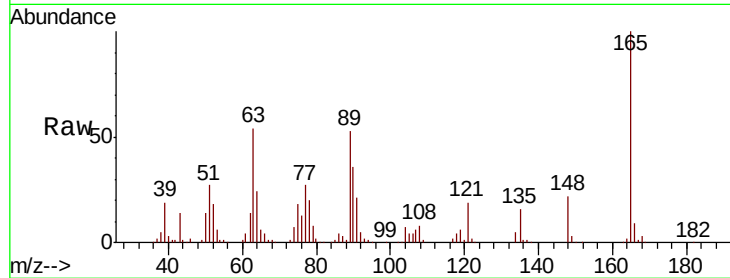
Tot Ion:165 Resp: 167684

Ion Ratio Lower Upper

165 100

63 54.1 43.4 65.0

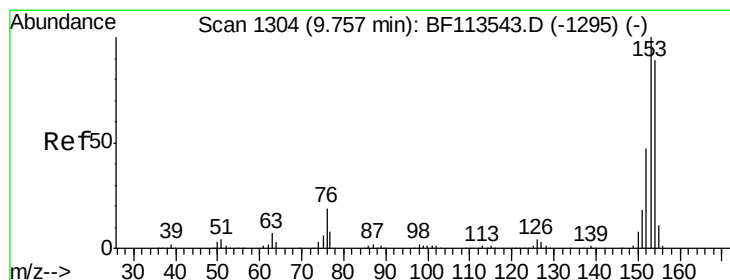
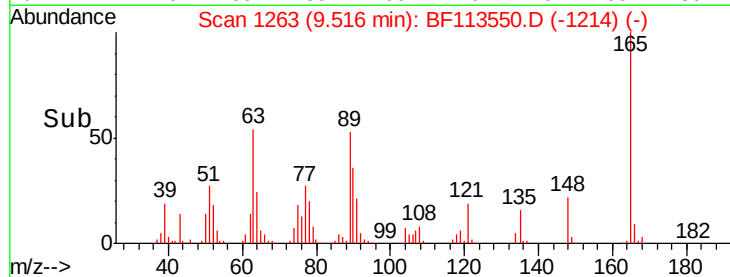
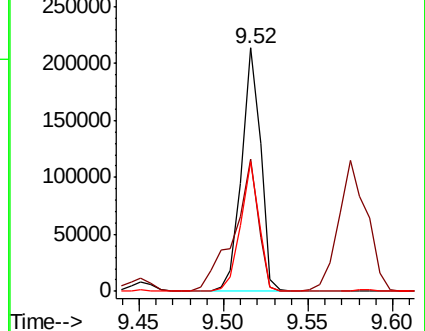
89 53.3 43.1 64.7



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: 40.446 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

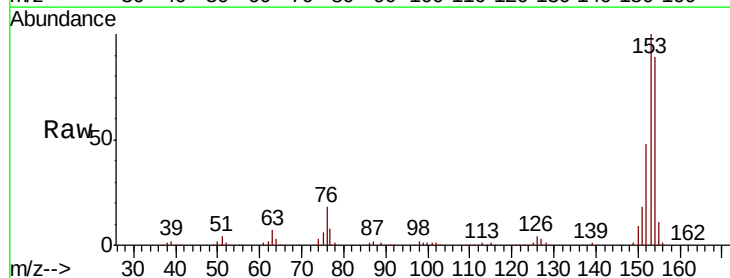
Tgt Ion:154 Resp: 597830

Ion Ratio Lower Upper

154 100

153 112.1 89.5 134.3

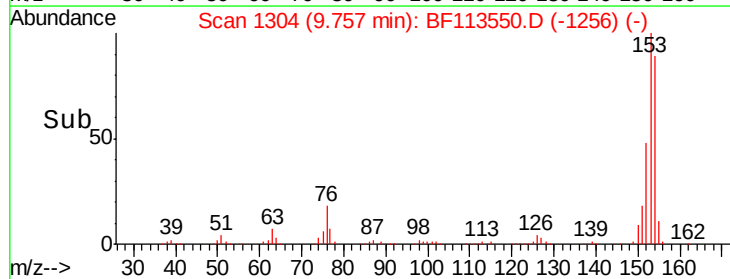
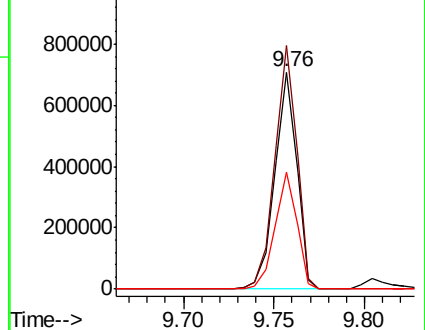
152 53.8 43.3 64.9

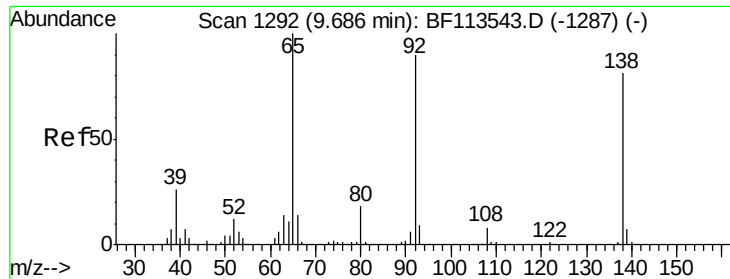


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

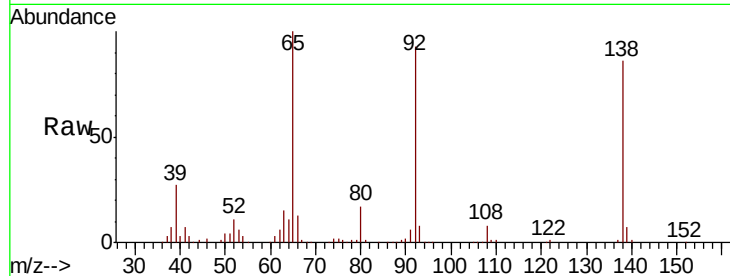




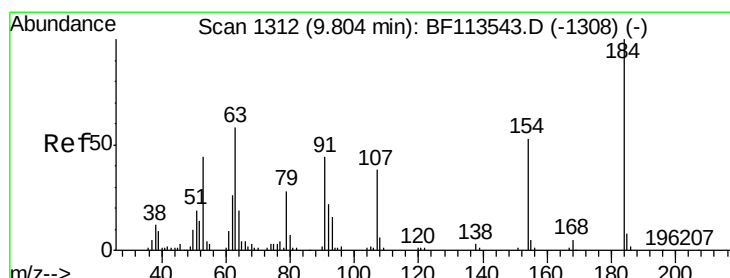
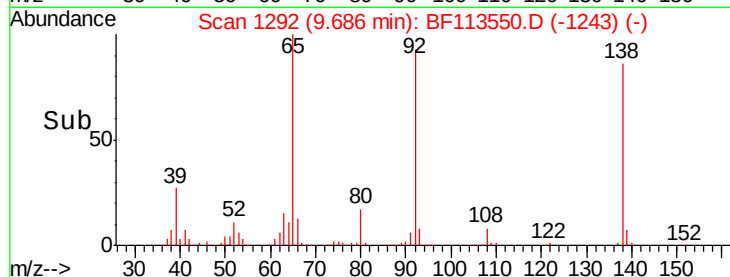
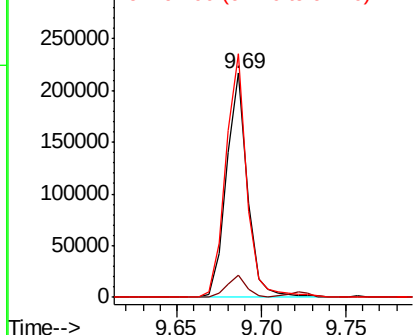
#53  
3-Nitroaniline  
Concen: 40.024 ng  
RT: 9.69 min Scan# 1292  
Delta R.T. -0.01 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 187922  
Ion Ratio Lower Upper  
138 100  
108 9.7 7.8 11.6  
92 108.6 82.6 124.0

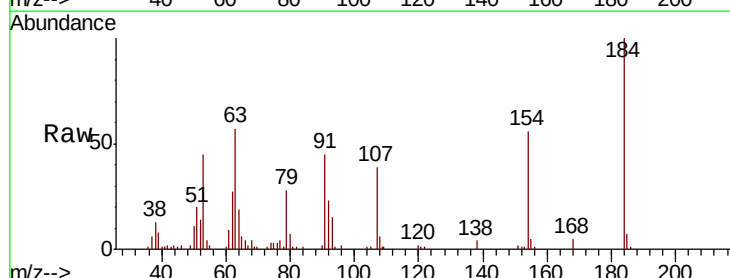


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

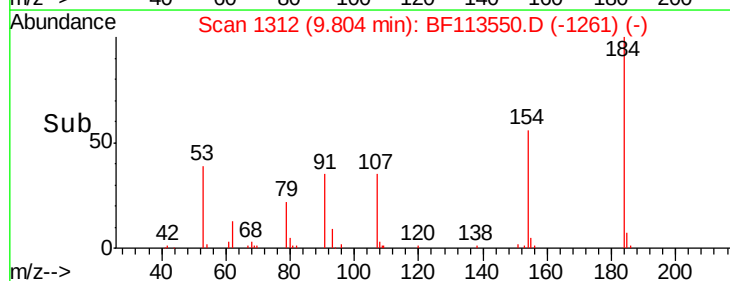
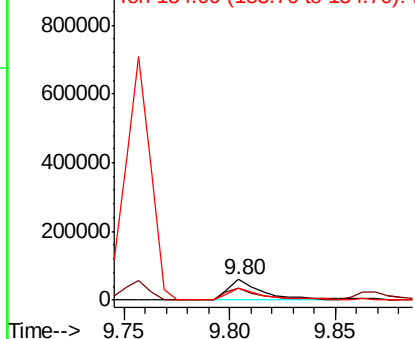


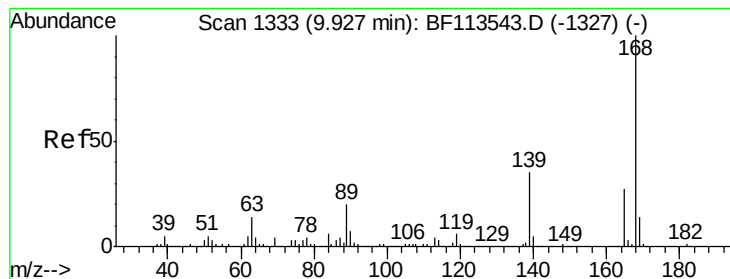
#54  
2,4-Dinitrophenol  
Concen: 35.946 ng  
RT: 9.80 min Scan# 1312  
Delta R.T. 0.00 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Tgt Ion:184 Resp: 69450  
Ion Ratio Lower Upper  
184 100  
63 57.4 54.3 81.5  
154 56.4 48.4 72.6



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

Dibenzenofuran

Concen: 40.720 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA\_F

ClientSampleId :

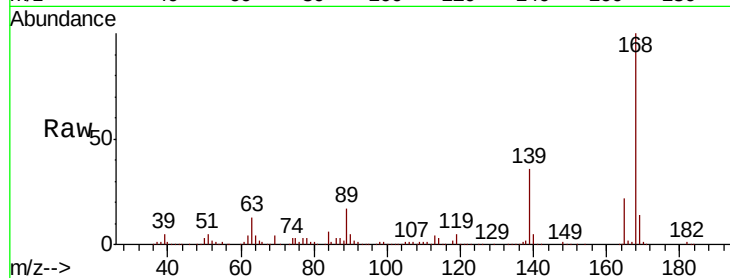
Tot Ion:168 Resp: 882910

Ion Ratio Lower Upper

168 100

139 36.4 29.7 44.5

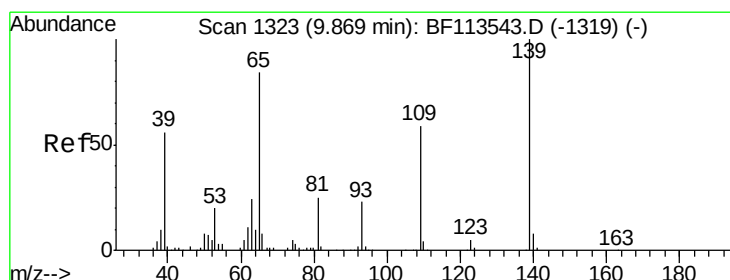
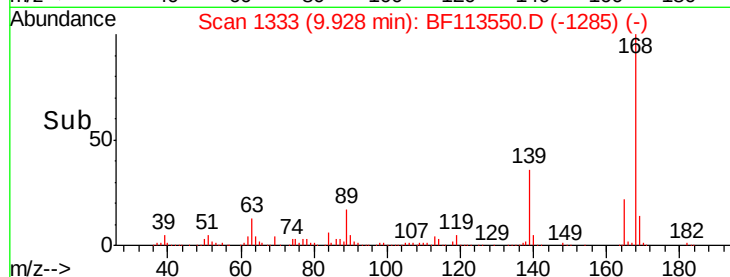
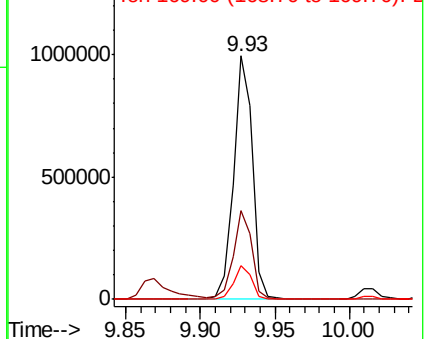
169 13.6 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 38.211 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

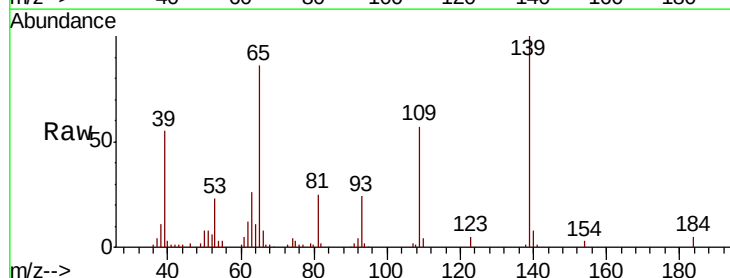
Tgt Ion:139 Resp: 111292

Ion Ratio Lower Upper

139 100

109 57.4 46.9 86.9

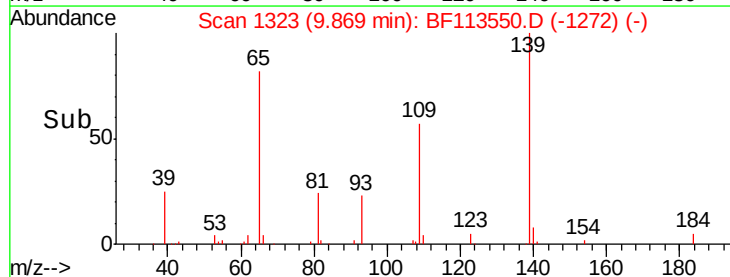
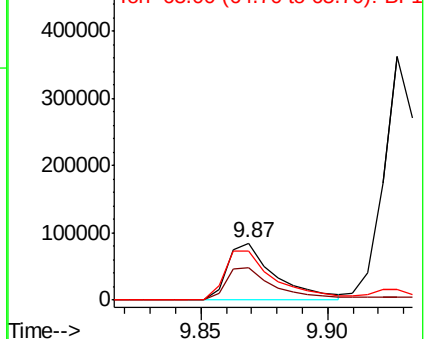
65 86.3 77.2 117.2



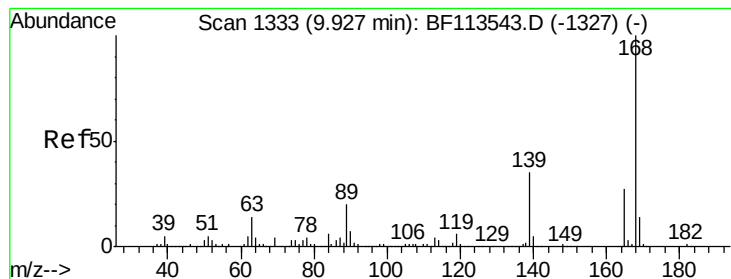
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1







#57

2,4-Dinitrotoluene

Concen: 40.610 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:165 Resp: 202830

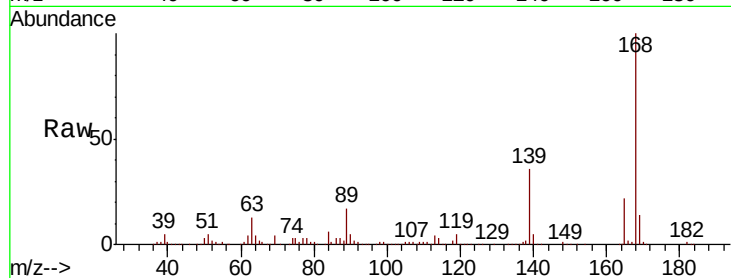
Ion Ratio Lower Upper

165 100

63 59.4 37.5 56.3#

89 76.9 57.4 86.2

182 2.6 2.0 3.0

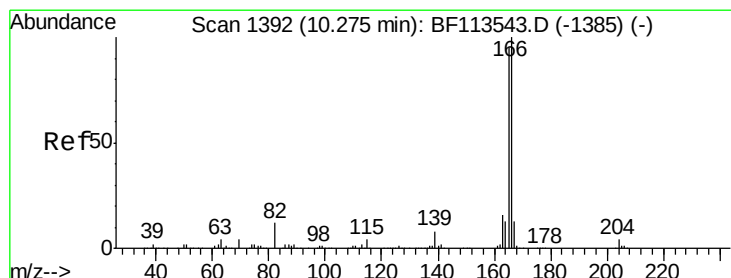
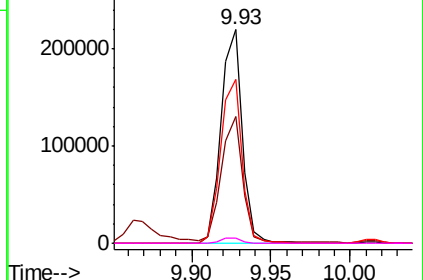
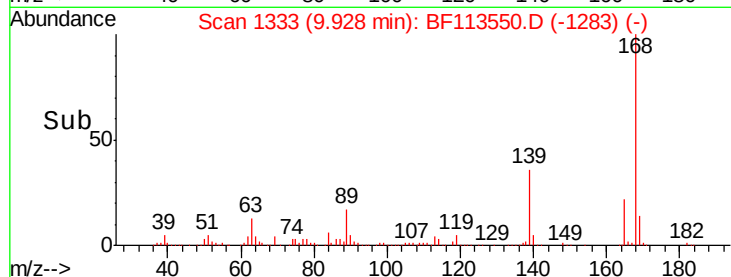


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.767 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

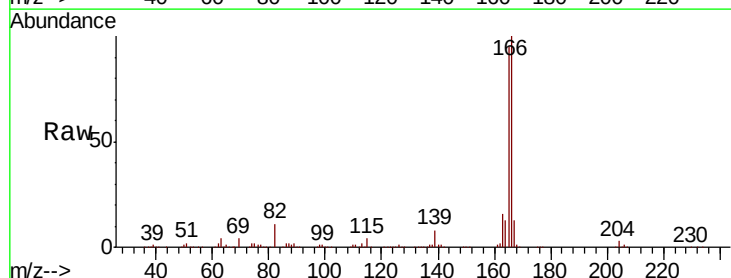
Tgt Ion:166 Resp: 699114

Ion Ratio Lower Upper

166 100

165 95.5 76.2 114.2

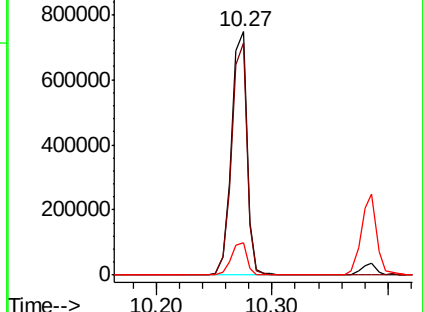
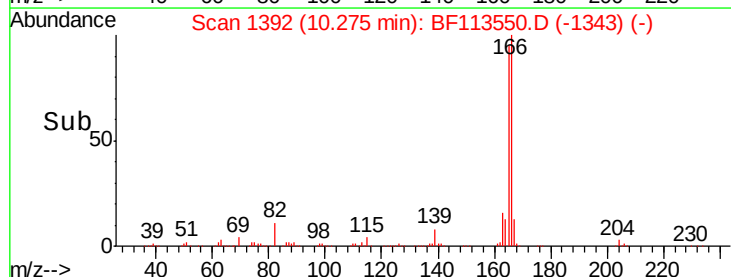
167 13.4 10.7 16.1

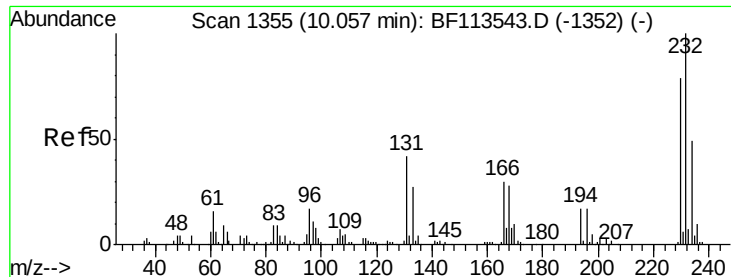


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

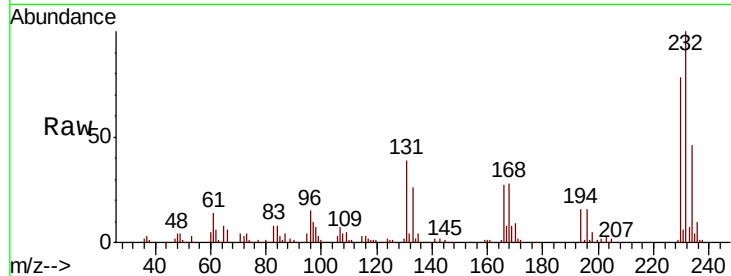




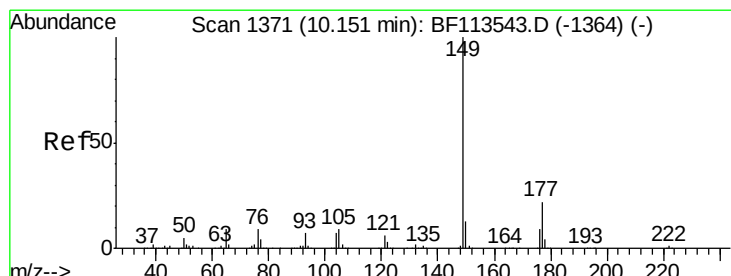
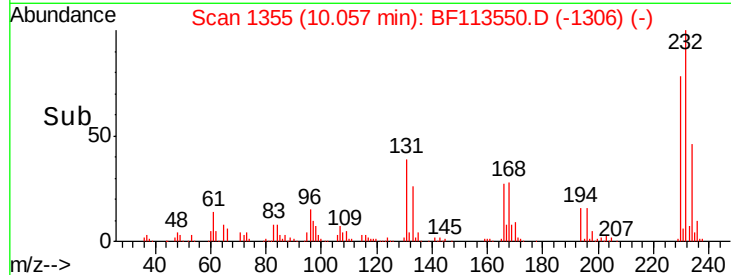
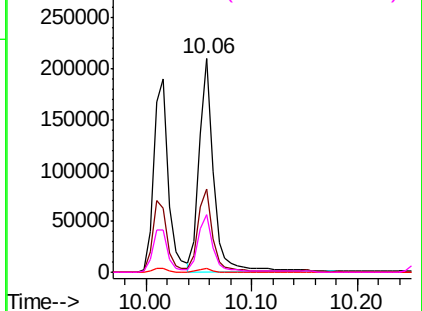
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.674 ng  
 RT: 10.06 min Scan# 1355  
 Delta R.T. -0.01 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

Instrument :  
 BNA\_F  
 ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:232 | Resp: | 196113    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 39.9  | 33.2 49.8 |
| 130         | 1.8   | 1.6 2.4   |
| 166         | 27.0  | 21.0 31.6 |

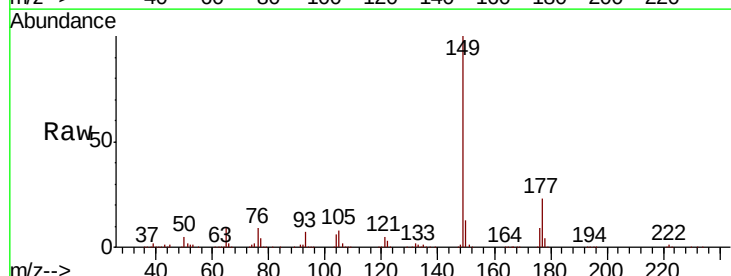


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

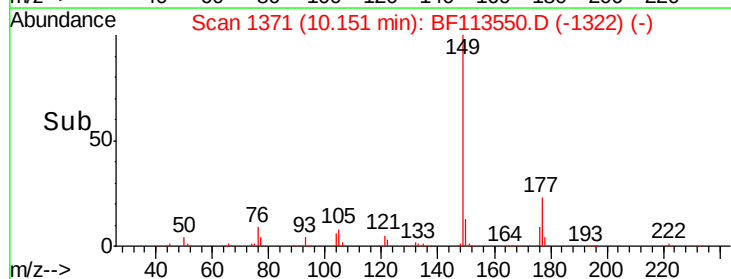
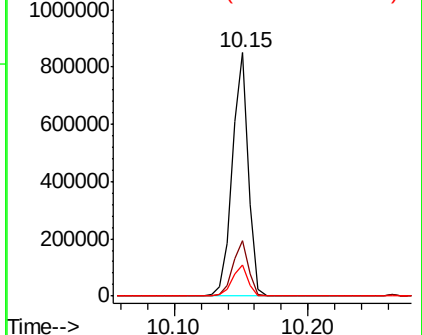


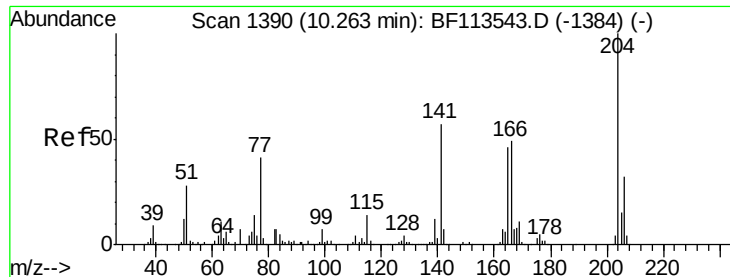
#60  
 Diethylphthalate  
 Concen: 39.798 ng  
 RT: 10.15 min Scan# 1371  
 Delta R.T. -0.01 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 718877    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 22.7  | 17.4 26.0 |
| 150         | 12.6  | 10.0 15.0 |



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: 40.948 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA\_F

ClientSampled :

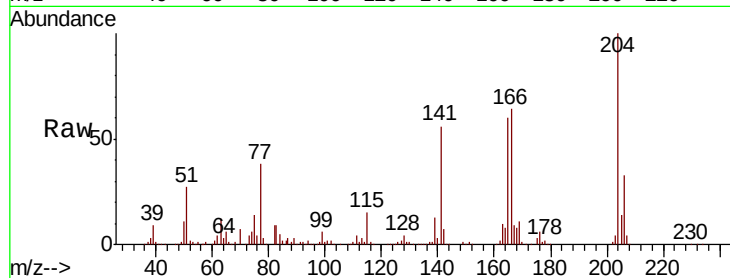
Tot Ion:204 Resp: 345395

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 204 | 100   |       |       |
| 206 | 33.1  | 26.9  | 40.3  |
| 141 | 56.1  | 48.8  | 73.2  |

204 100

206 33.1 26.9 40.3

141 56.1 48.8 73.2

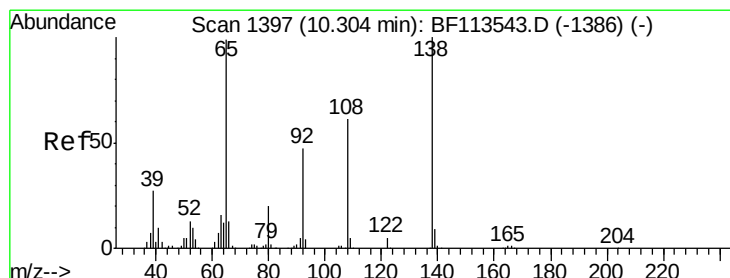
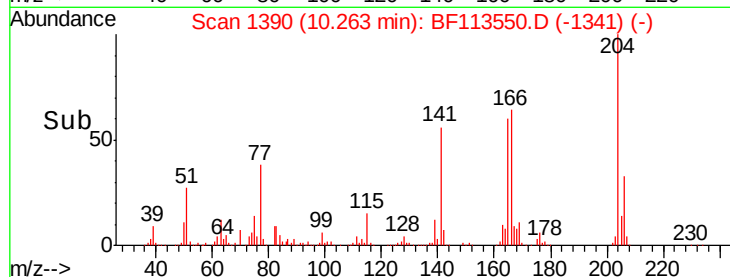
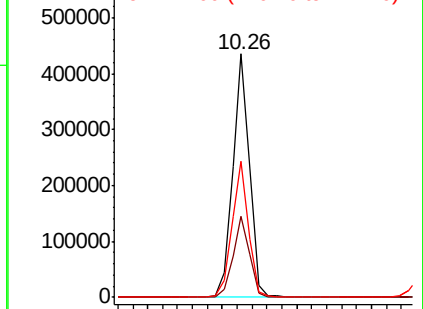


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 40.154 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

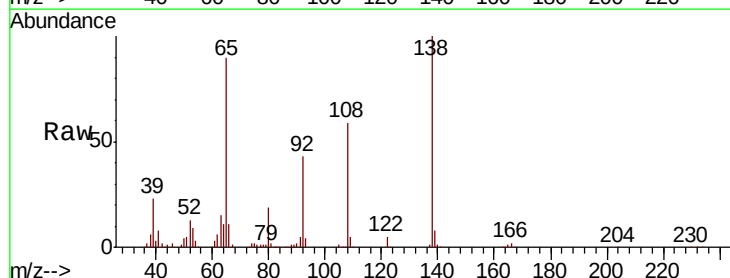
Tgt Ion:138 Resp: 191718

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 92  | 43.0  | 25.8  | 65.8  |
| 108 | 59.1  | 44.0  | 84.0  |

138 100

92 43.0 25.8 65.8

108 59.1 44.0 84.0

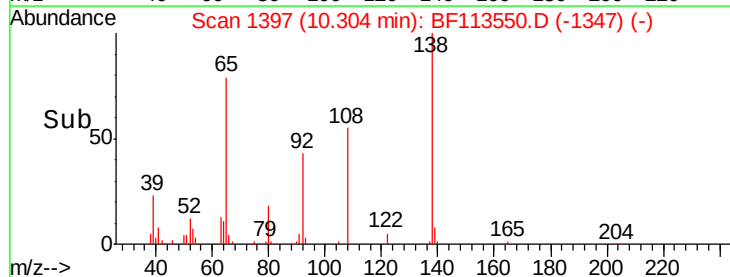
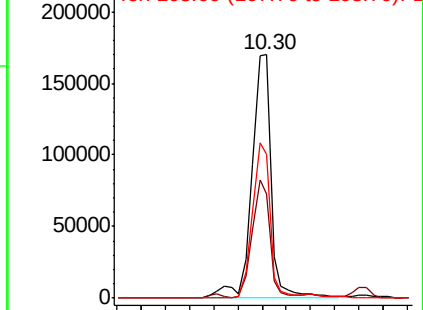


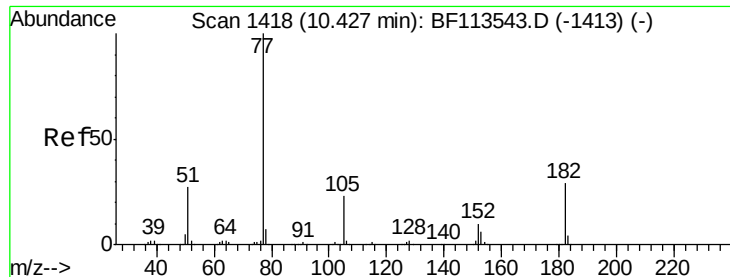
Abundance

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: 40.402 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 690994

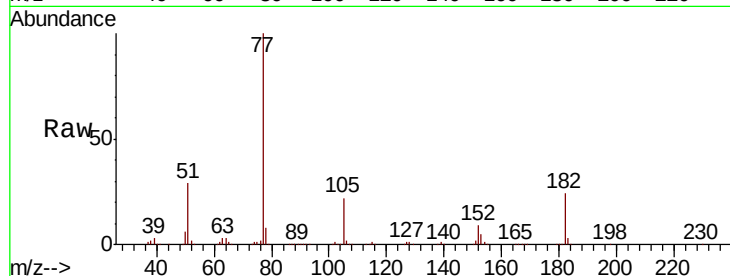
Ion Ratio Lower Upper

77 100

182 23.6 8.7 48.7

105 22.4 2.9 42.9

51 29.2 8.8 48.8

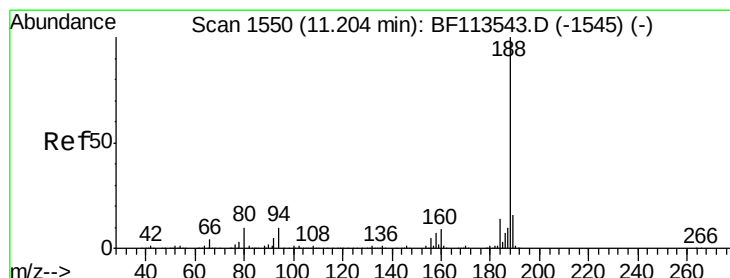
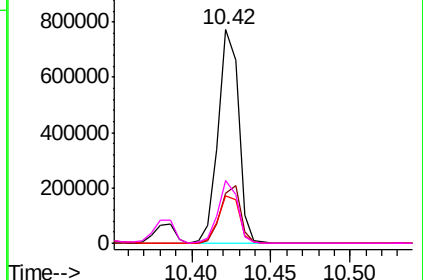
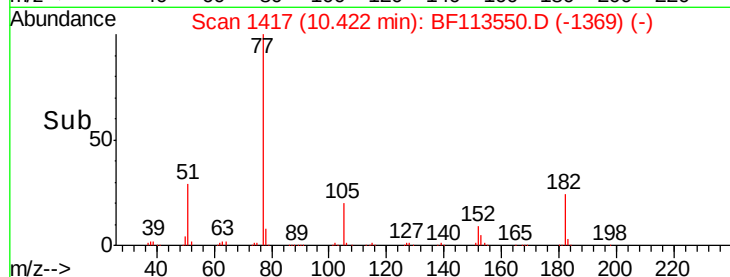


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

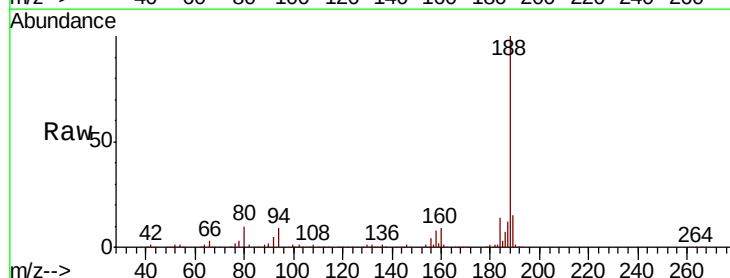
Tgt Ion: 188 Resp: 495108

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

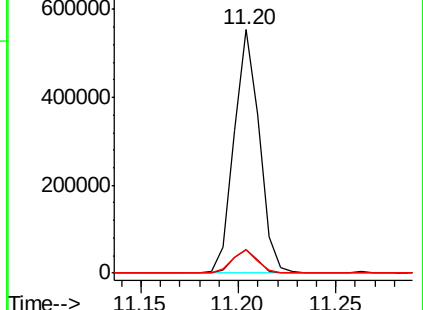
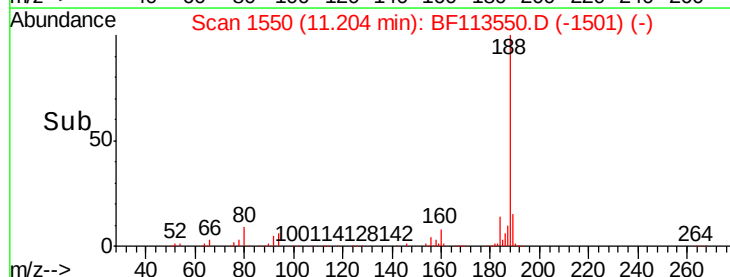
80 9.7 7.7 11.5

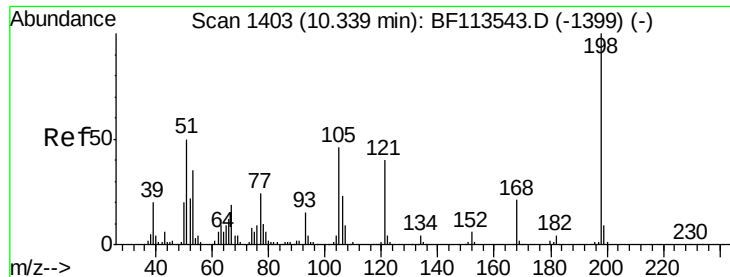


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

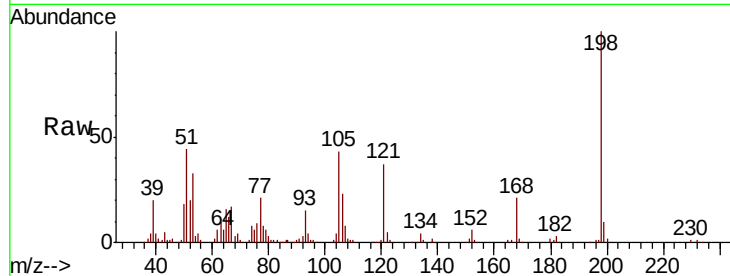




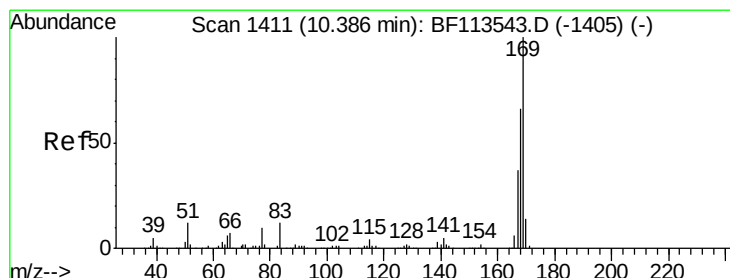
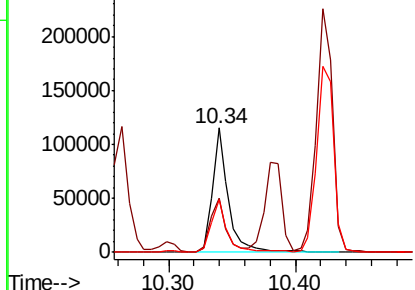
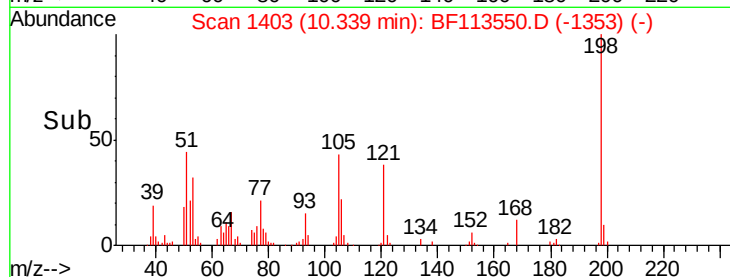
#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.378 ng  
RT: 10.34 min Scan# 1403  
Delta R.T. -0.01 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion   | 198  | Resp  | 102639 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 51        | 43.9 | 21.6  | 61.6   |
| 105       | 42.7 | 20.6  | 60.6   |

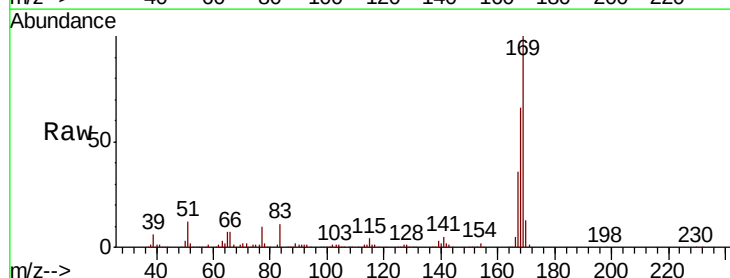


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

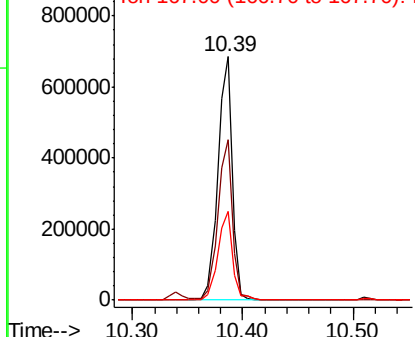
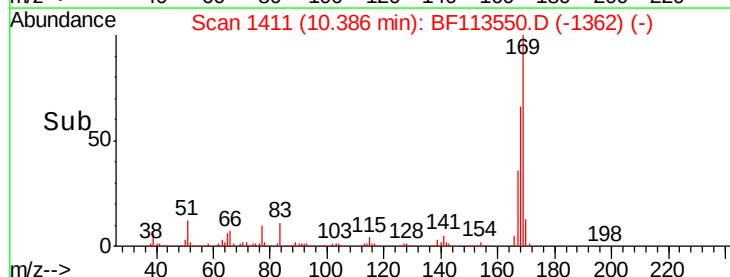


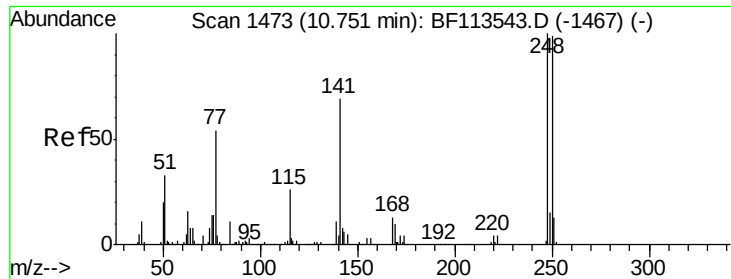
#66  
n-Nitrosodiphenylamine  
Concen: 40.456 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.01 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

| Tgt Ion   | 169  | Resp  | 614911 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 168       | 66.0 | 53.7  | 80.5   |
| 167       | 36.5 | 29.5  | 44.3   |



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

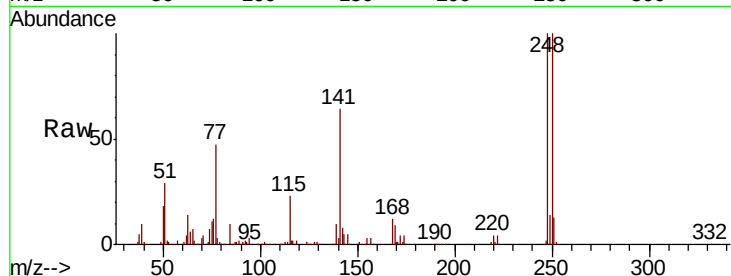




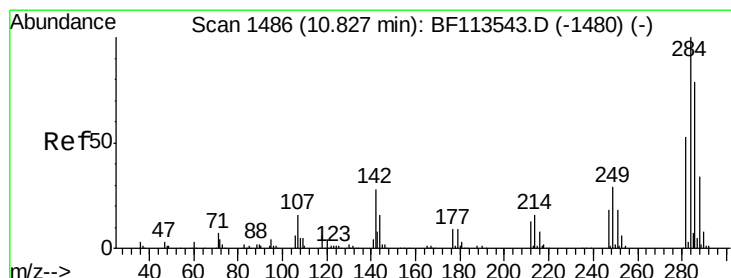
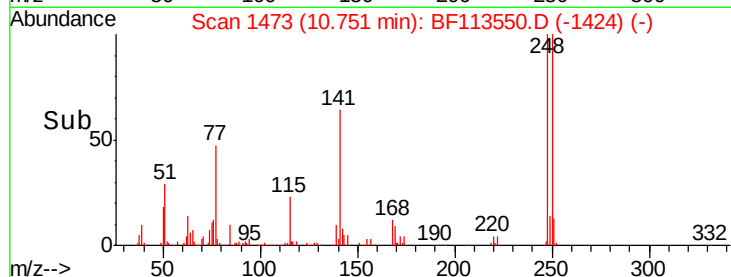
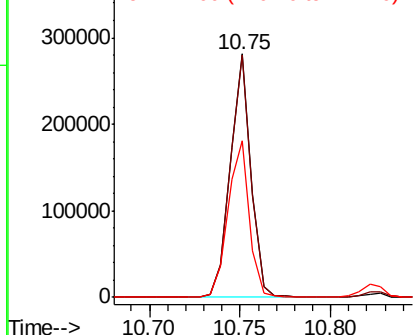
#67  
 4-Bromophenyl-phenylether  
 Concen: 40.388 ng  
 RT: 10.75 min Scan# 1473  
 Delta R.T. -0.01 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.6  | 78.3  | 117.5 |
| 141     | 64.4  | 56.2  | 84.4  |

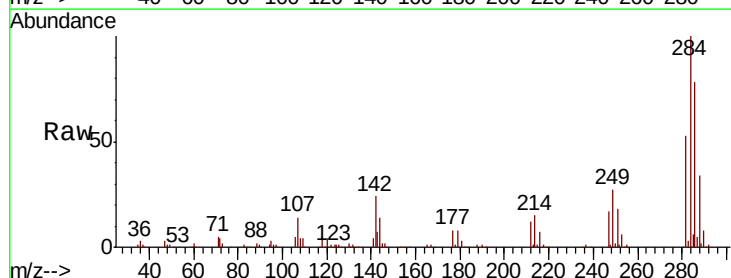


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

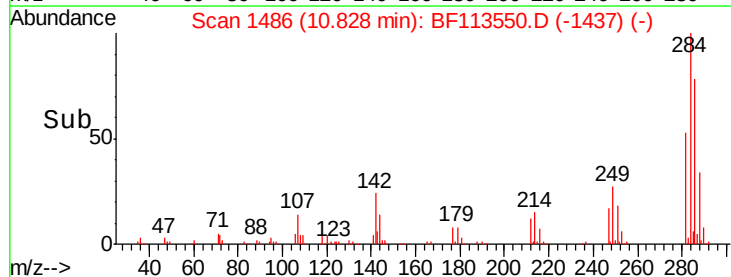
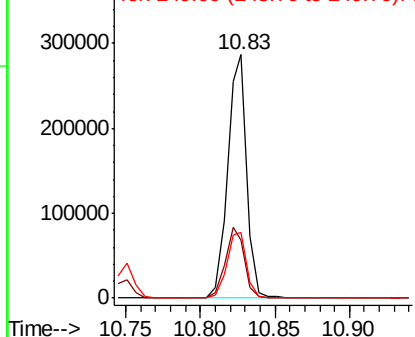


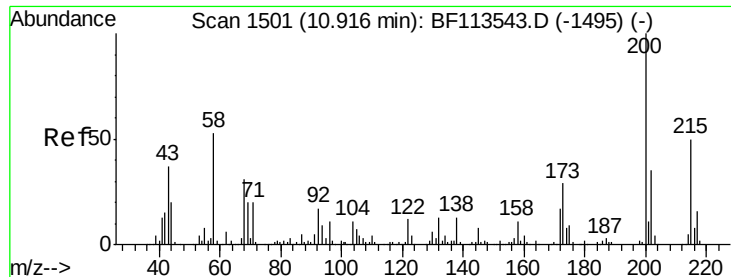
#68  
 Hexachlorobenzene  
 Concen: 40.630 ng  
 RT: 10.83 min Scan# 1486  
 Delta R.T. -0.01 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 23.7  | 20.1  | 30.1  |
| 249     | 27.2  | 22.7  | 34.1  |



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

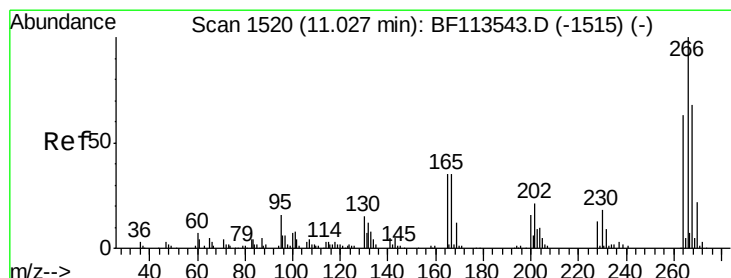
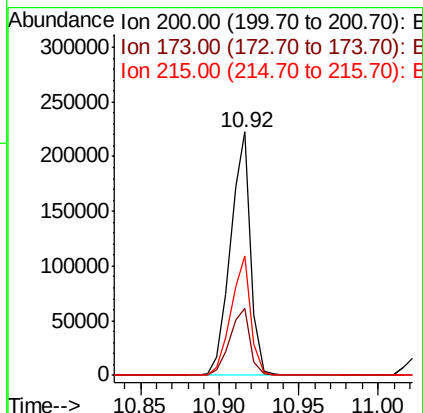
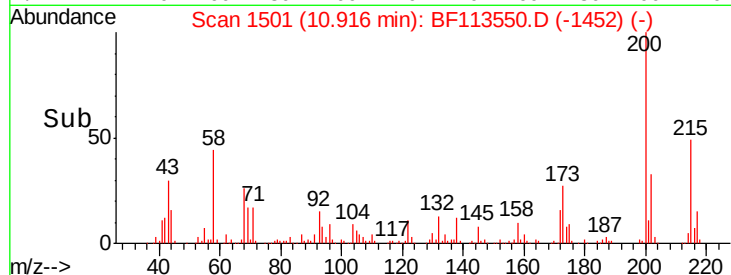
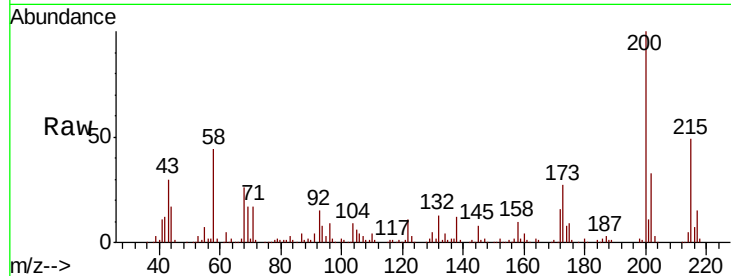




#69  
 Atrazine  
 Concen: 40.589 ng  
 RT: 10.92 min Scan# 1501  
 Delta R.T. -0.01 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

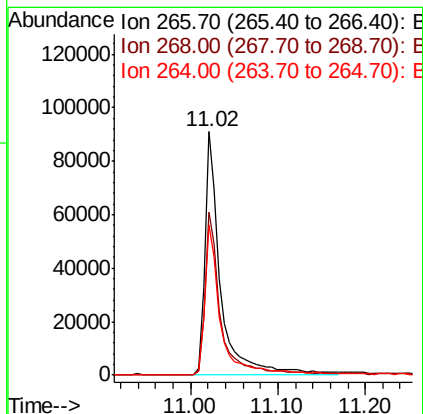
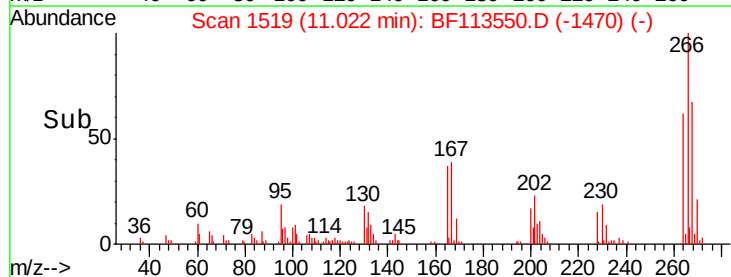
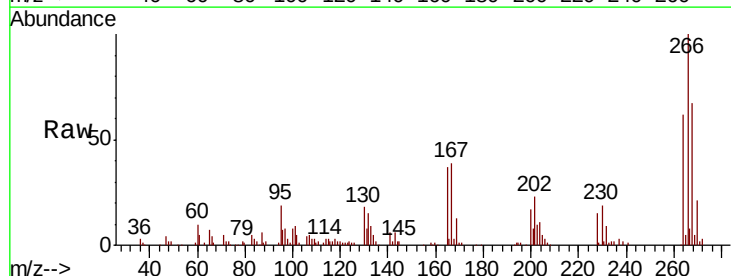
Instrument :  
 BNA\_F  
 ClientSampleId :

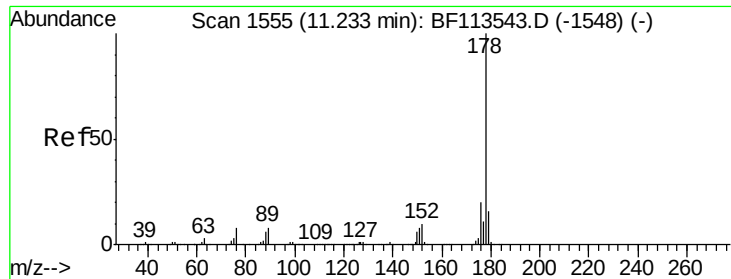
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.3  | 6.0   | 46.0  |
| 215     | 48.9  | 31.3  | 71.3  |



#70  
 Pentachlorophenol  
 Concen: 38.003 ng  
 RT: 11.02 min Scan# 1519  
 Delta R.T. -0.01 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.9  | 53.8  | 80.6  |
| 264     | 61.7  | 49.2  | 73.8  |

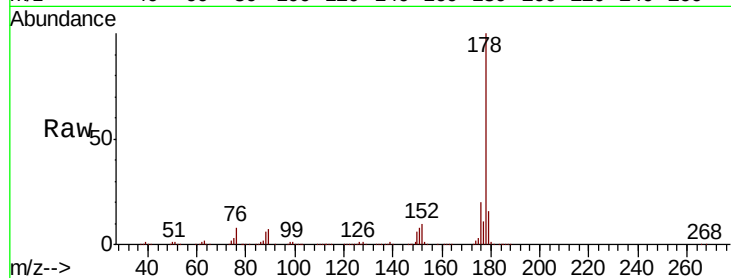




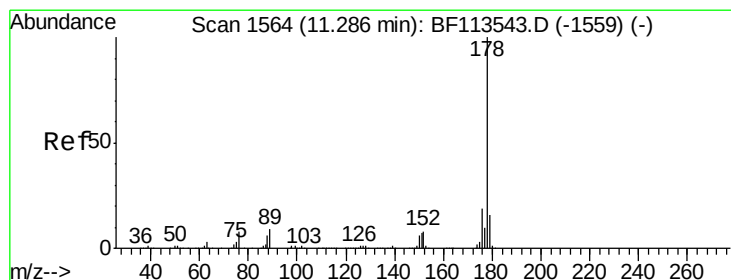
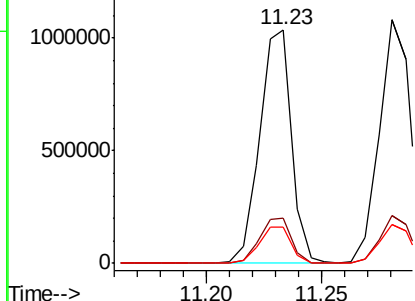
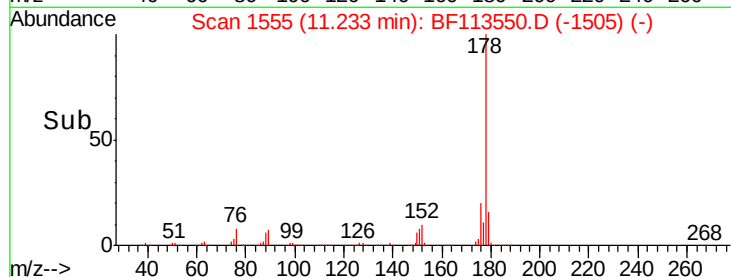
#71  
Phenanthrene  
Concen: 40.527 ng  
RT: 11.23 min Scan# 1555  
Delta R.T. -0.01 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:178 Resp: 997062  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.2 24.2  
179 15.6 12.7 19.1

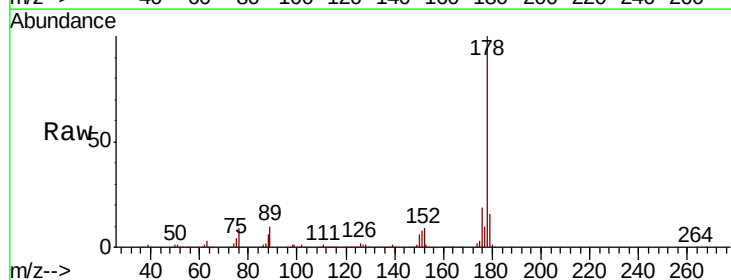


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

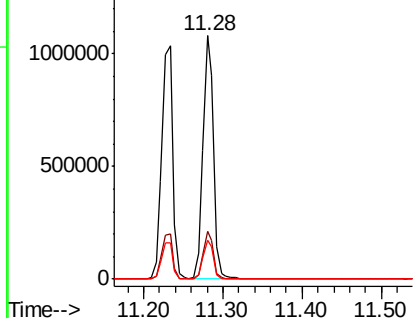
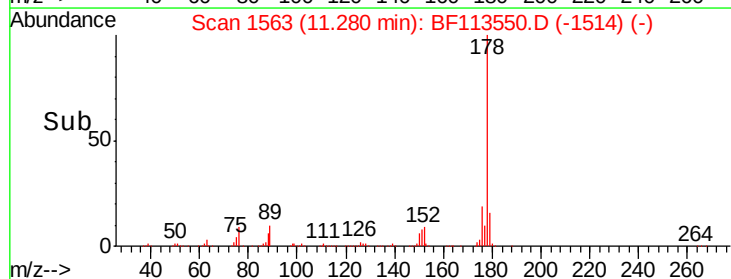


#72  
Anthracene  
Concen: 40.956 ng  
RT: 11.28 min Scan# 1563  
Delta R.T. -0.01 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

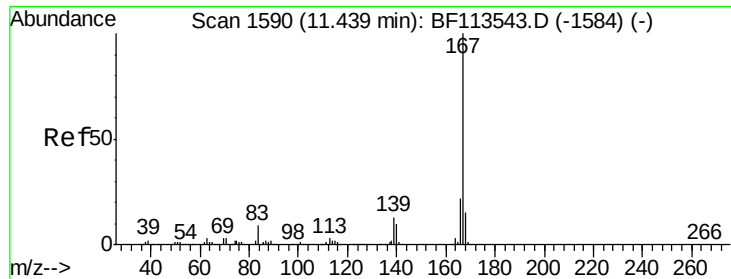
Tgt Ion:178 Resp: 1025158  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.2  
179 15.9 12.8 19.2



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



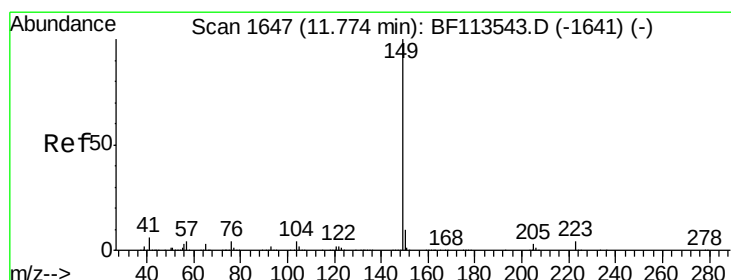
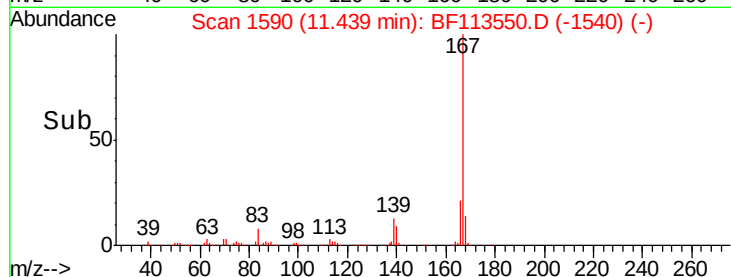
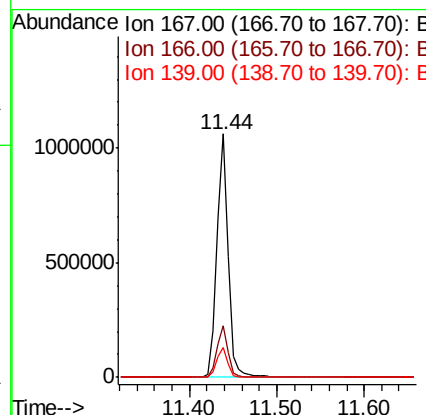
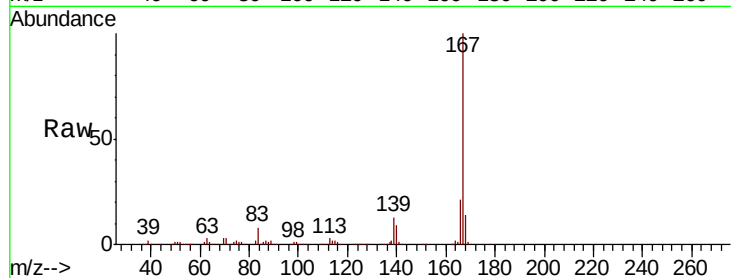




#73  
 Carbazole  
 Concen: 40.911 ng  
 RT: 11.44 min Scan# 1590  
 Delta R.T. -0.01 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

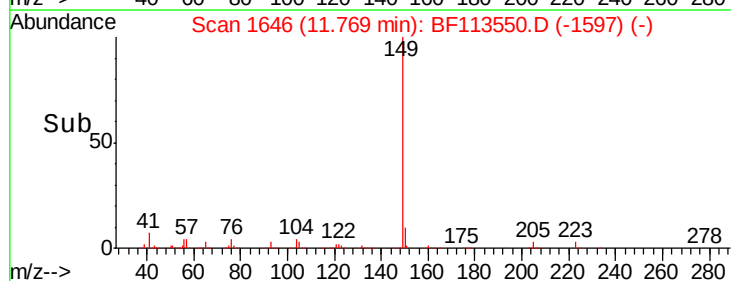
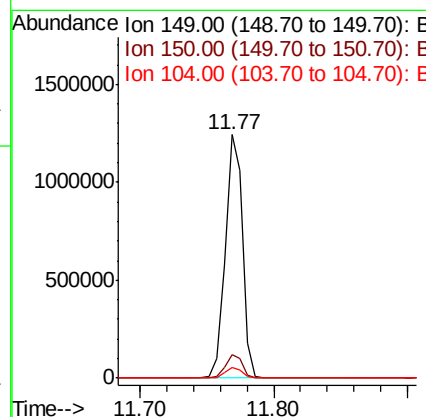
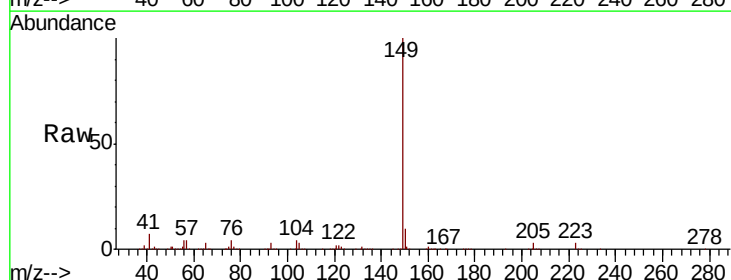
Instrument :  
 BNA\_F  
 ClientSampleId :

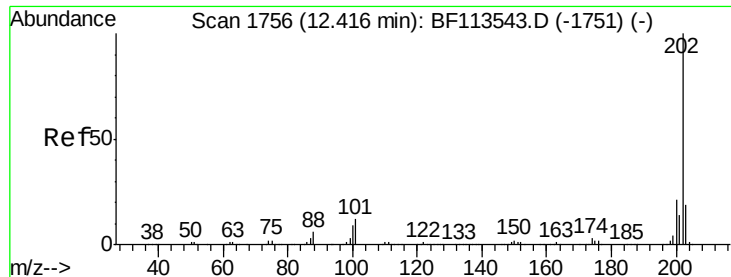
Tot Ion:167 Resp: 957774  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.4 26.0  
 139 12.5 10.4 15.6



#74  
 Di-n-butylphthalate  
 Concen: 40.357 ng  
 RT: 11.77 min Scan# 1646  
 Delta R.T. -0.01 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

Tgt Ion:149 Resp: 1123929  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.7 11.5  
 104 4.4 3.7 5.5

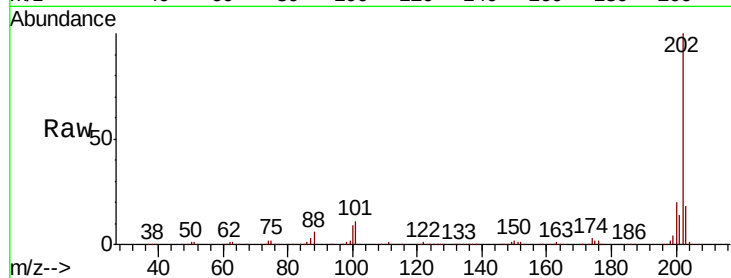




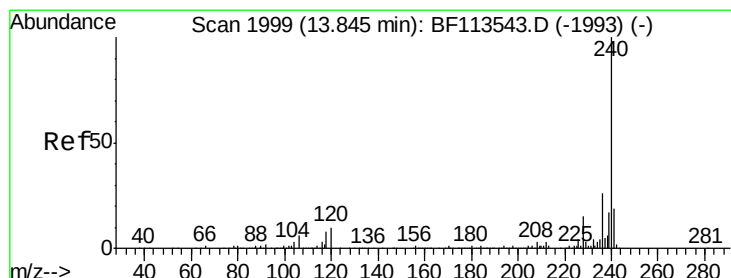
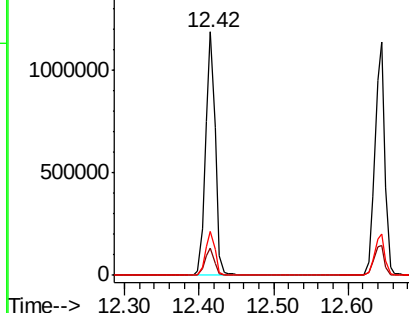
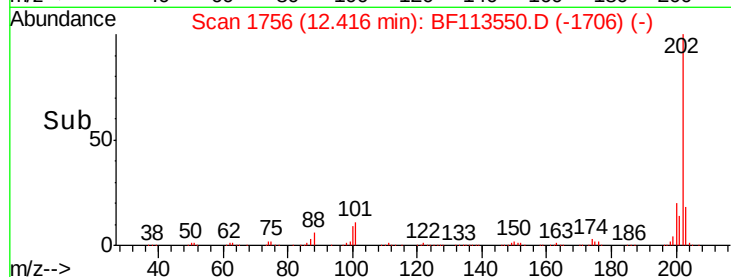
#75  
 Fluoranthene  
 Concen: 40.918 ng  
 RT: 12.42 min Scan# 1756  
 Delta R.T. -0.01 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:202 Resp: 1078740  
 Ion Ratio Lower Upper  
 202 100  
 101 11.4 0.0 31.4  
 203 17.9 0.0 38.0

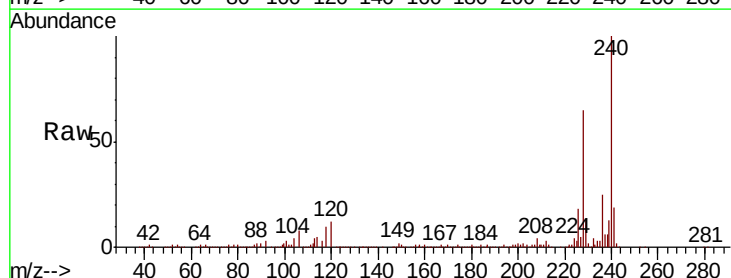


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

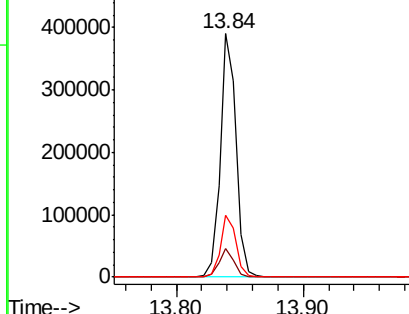
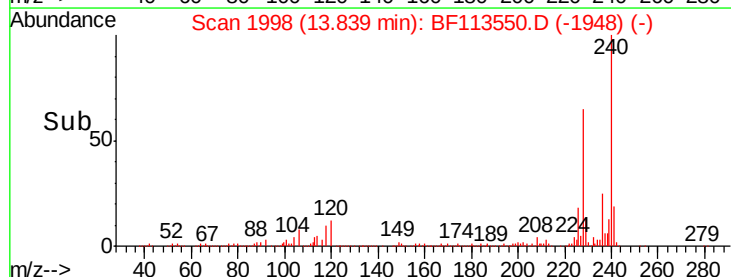


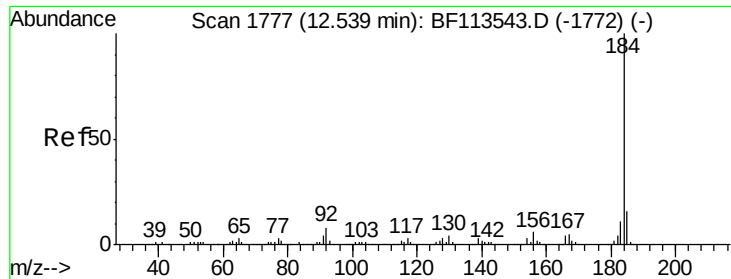
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.84 min Scan# 1998  
 Delta R.T. -0.01 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

Tgt Ion:240 Resp: 339488  
 Ion Ratio Lower Upper  
 240 100  
 120 11.7 8.8 13.2  
 236 25.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.046 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA\_F

ClientSampleId :

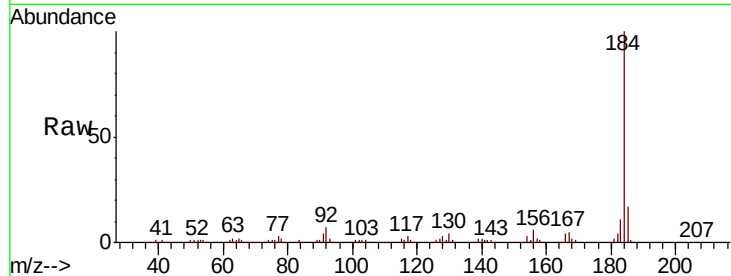
Tot Ion:184 Resp: 593933

Ion Ratio Lower Upper

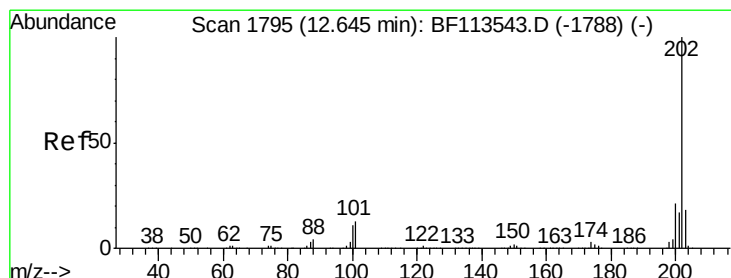
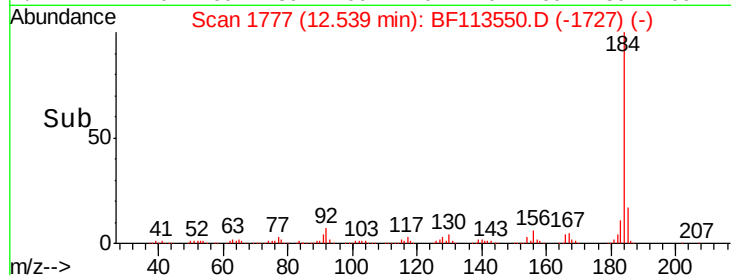
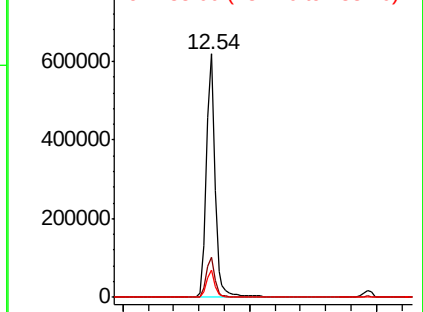
184 100

185 16.5 13.0 19.6

183 11.1 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.498 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

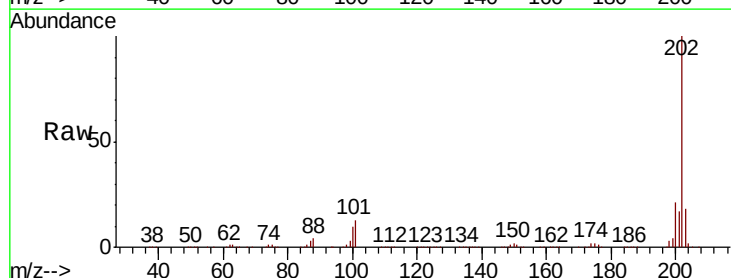
Tgt Ion:202 Resp: 1071955

Ion Ratio Lower Upper

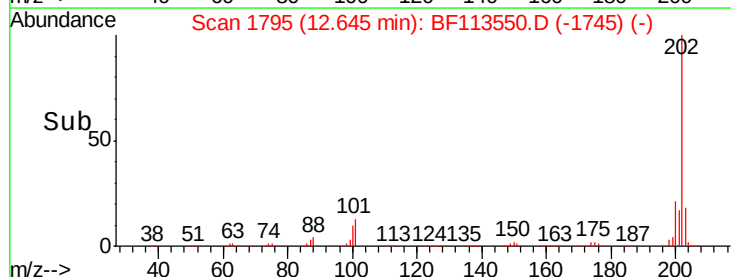
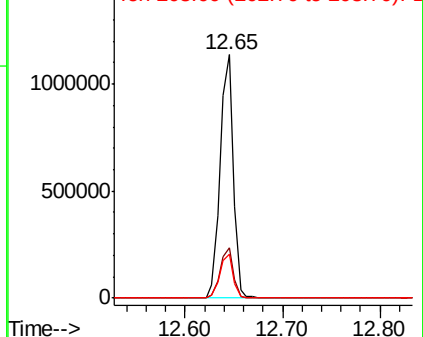
202 100

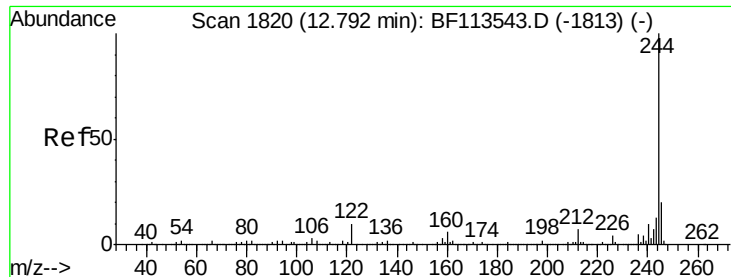
200 20.5 16.8 25.2

203 17.9 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



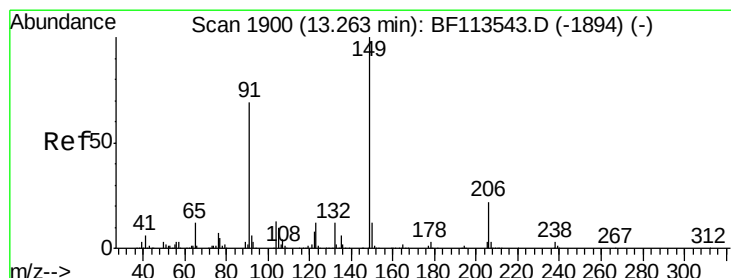
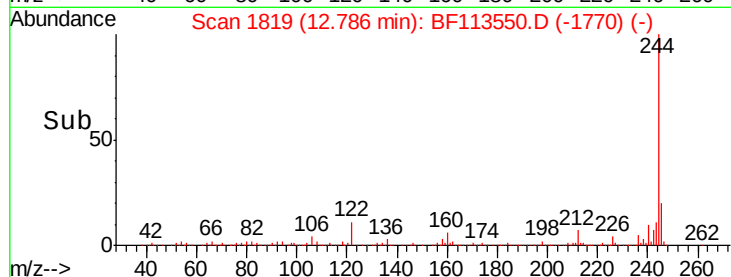
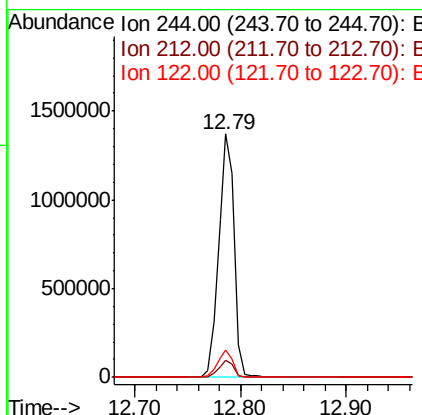
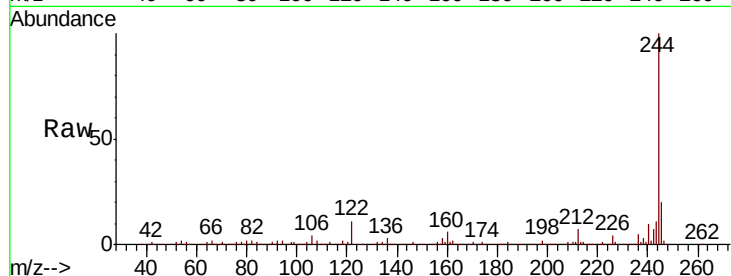


#79  
 Terphenyl-d14  
 Concen: 84.742 ng  
 RT: 12.79 min Scan# 1819  
 Delta R.T. -0.01 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:244 Resp: 1412994  

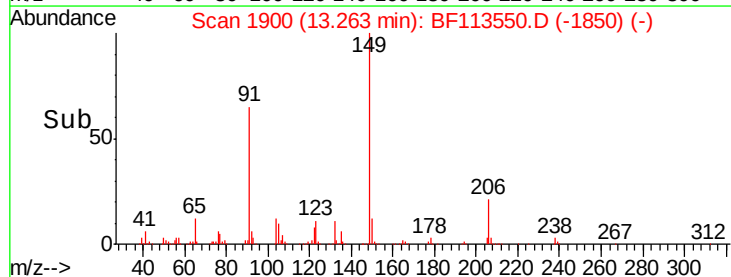
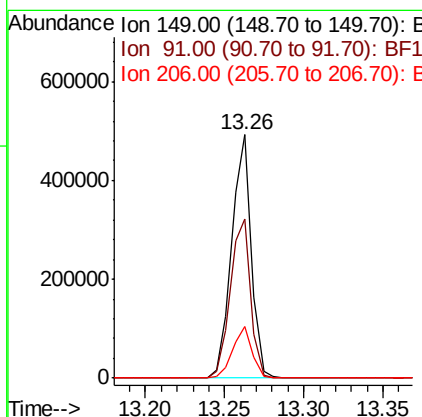
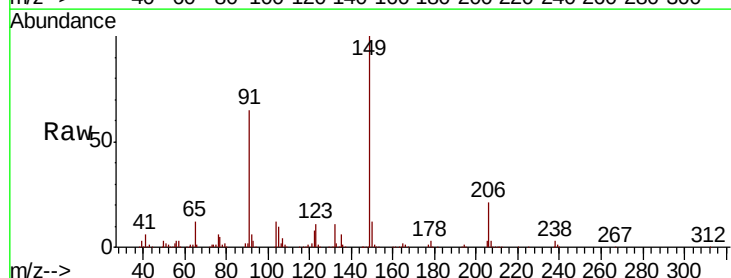
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.7   | 5.5   | 8.3   |
| 122 | 11.1  | 8.6   | 13.0  |

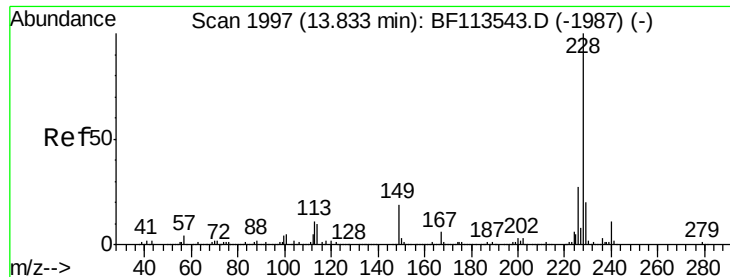


#80  
 Butylbenzylphthalate  
 Concen: 40.084 ng  
 RT: 13.26 min Scan# 1900  
 Delta R.T. -0.01 min  
 Lab File: BF113550.D  
 Acq: 3 Apr 2019 18:09

Tgt Ion:149 Resp: 421482  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 65.2  | 55.2  | 82.8  |
| 206 | 21.4  | 16.1  | 24.1  |





#81

Benzo(a)anthracene

Concen: 40.606 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

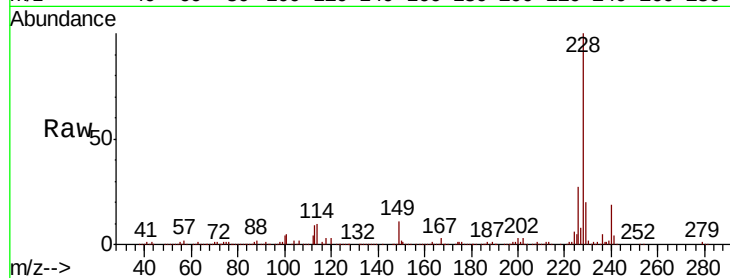
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:228 Resp: 795199

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.3  | 21.8  | 32.8  |
| 229 | 19.8  | 16.2  | 24.4  |

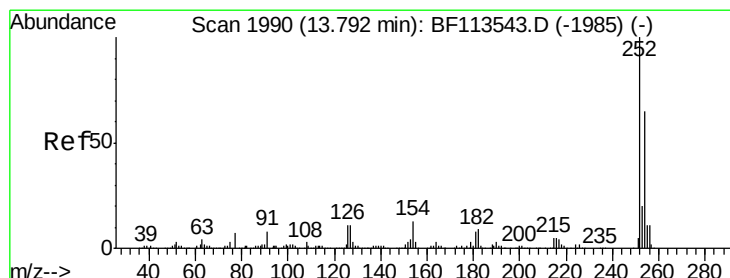
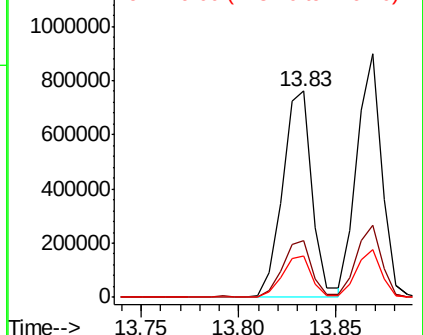
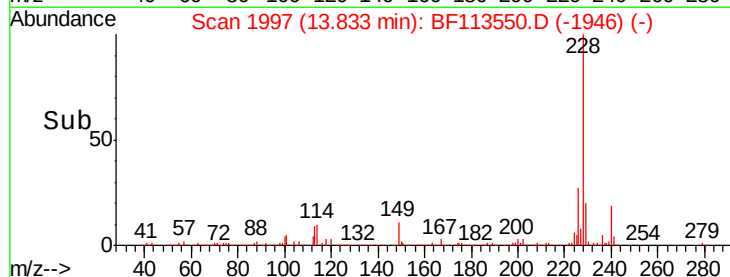


Abundance

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: 40.724 ng

RT: 13.79 min Scan# 1990

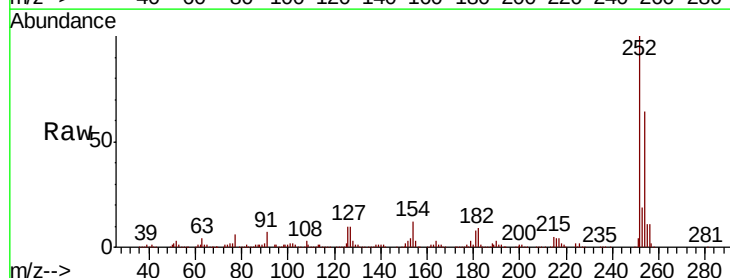
Delta R.T. -0.01 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Tgt Ion:252 Resp: 307180

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.7  | 52.2  | 78.2  |
| 126 | 10.5  | 8.5   | 12.7  |

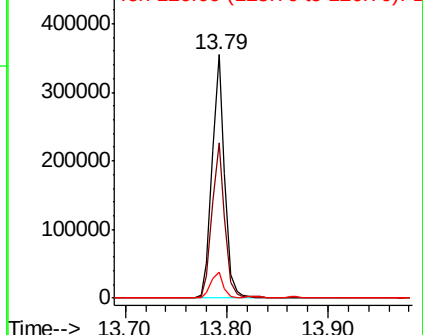
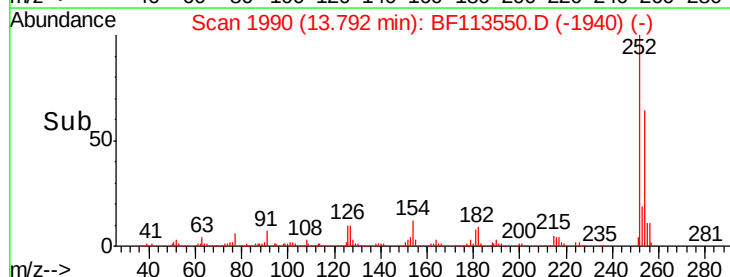


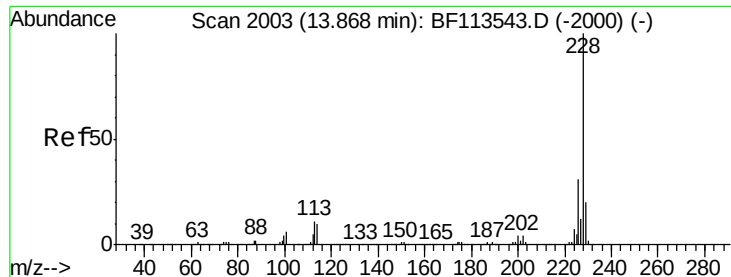
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.265 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA\_F

ClientSampled :

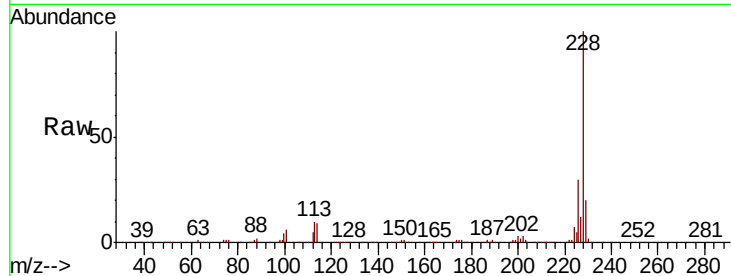
Tot Ion:228 Resp: 799342

Ion Ratio Lower Upper

228 100

226 29.7 24.3 36.5

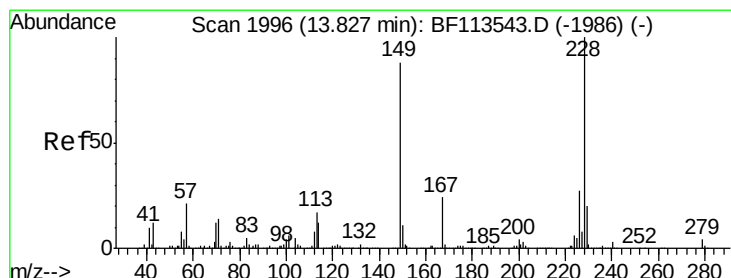
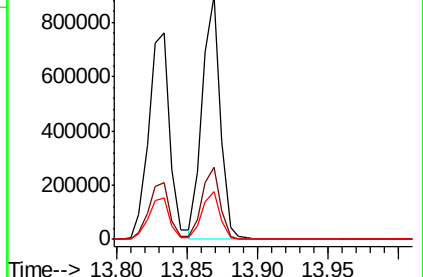
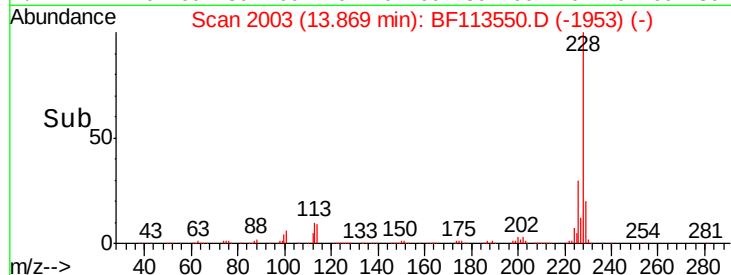
229 19.6 16.3 24.5



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: 39.579 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

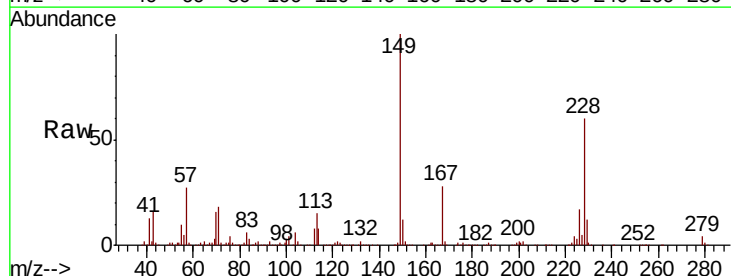
Tgt Ion:149 Resp: 503170

Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

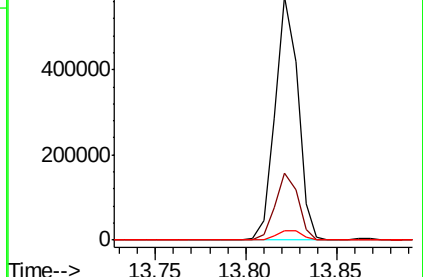
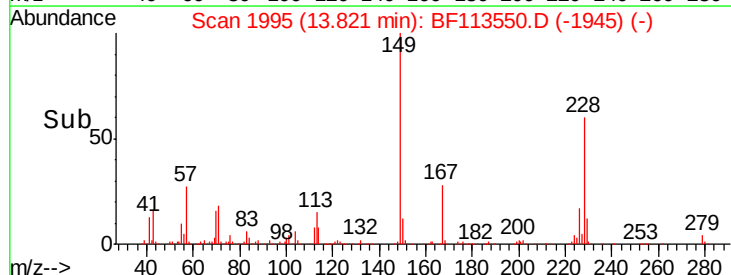
279 3.9 2.9 4.3

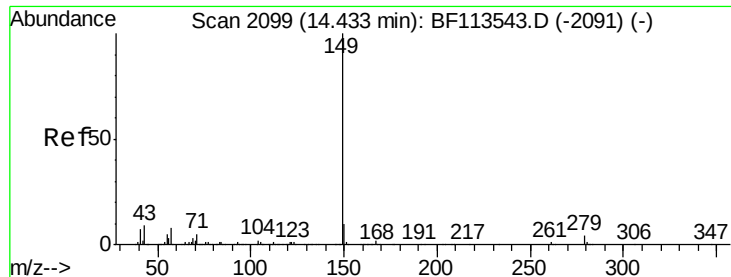


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

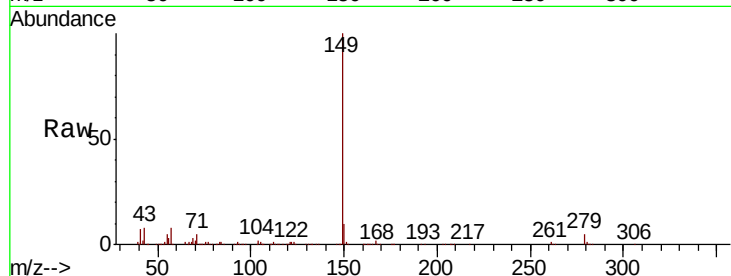




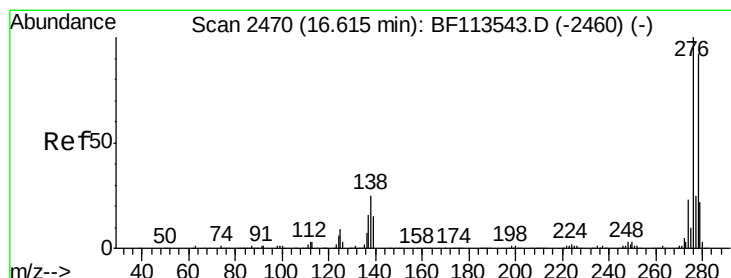
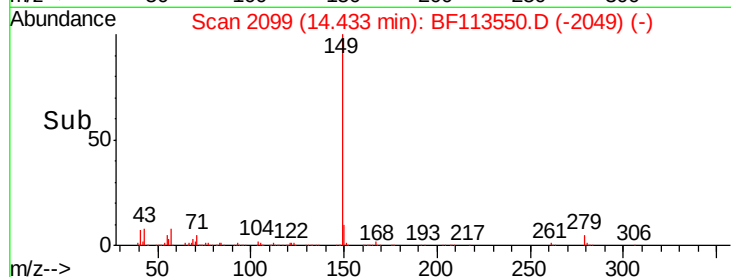
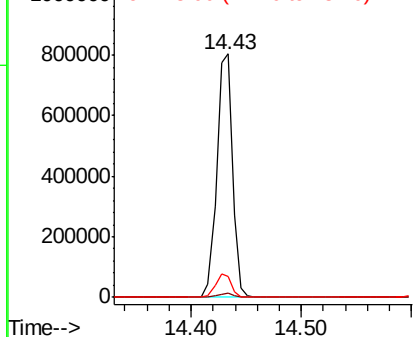
#85  
Di-n-octyl phthalate  
Concen: 38.338 ng  
RT: 14.43 min Scan# 2099  
Delta R.T. -0.01 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.3   | 1.9   |
| 43      | 9.6   | 7.7   | 11.5  |

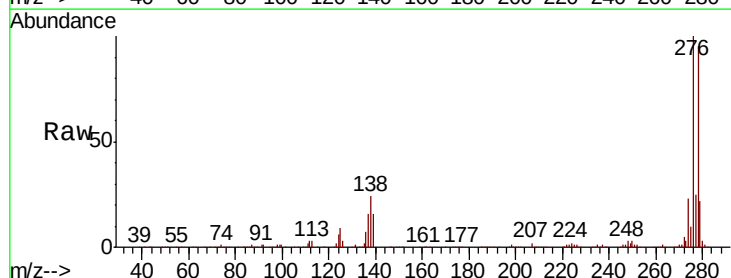


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

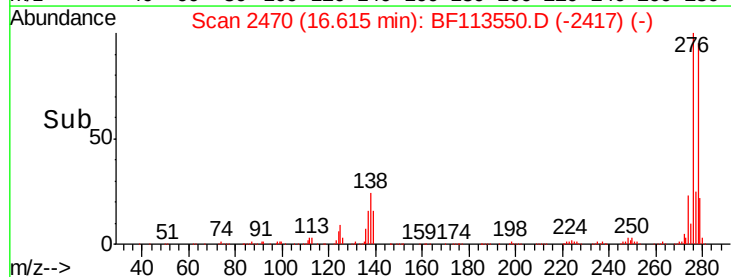
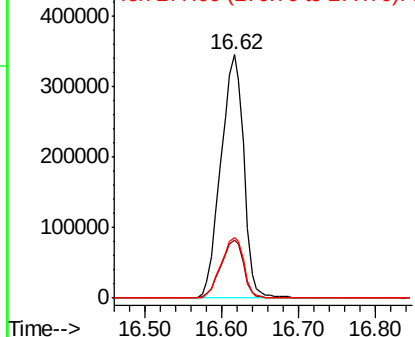


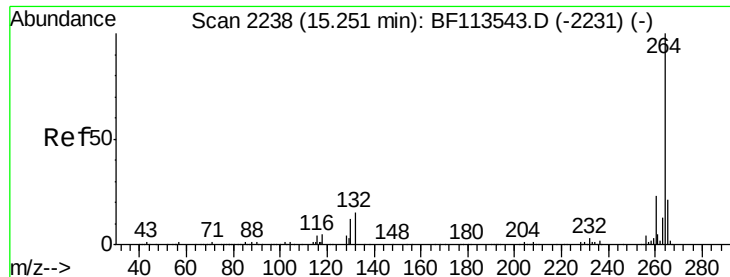
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 39.019 ng  
RT: 16.62 min Scan# 2470  
Delta R.T. 0.01 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.8  | 18.1  | 27.1  |
| 277     | 24.9  | 20.2  | 30.4  |



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

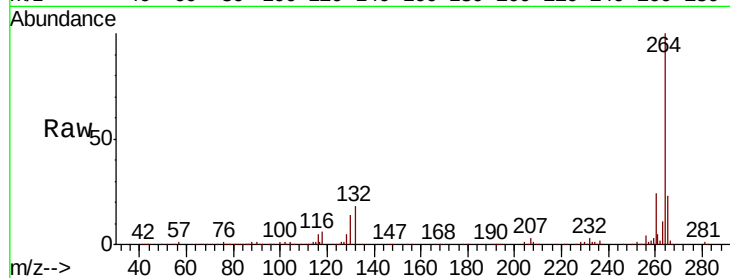




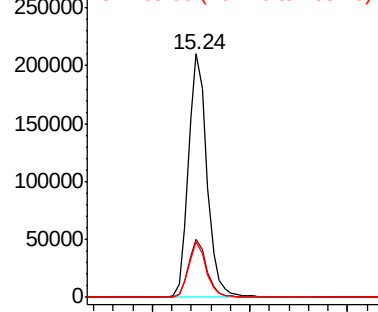
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.24 min Scan# 2237  
Delta R.T. 0.00 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Instrument :  
BNA\_F  
ClientSampleId :

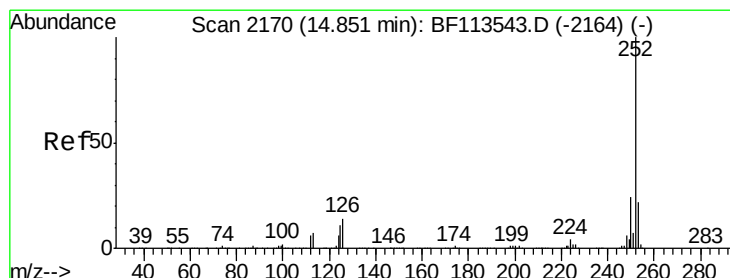
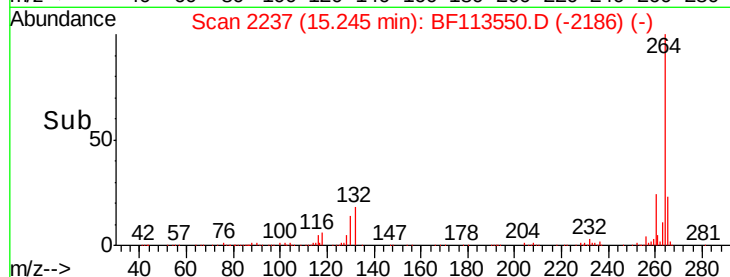
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 19.1  | 28.7  |
| 265     | 22.6  | 17.1  | 25.7  |



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

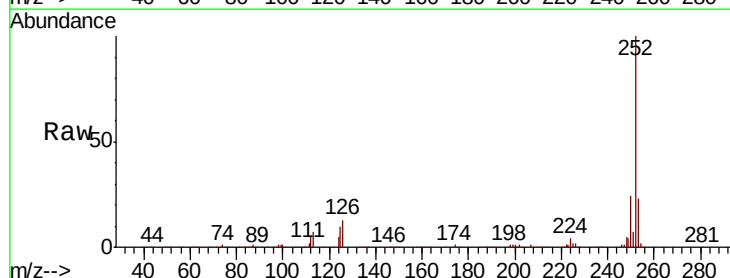


Time-->

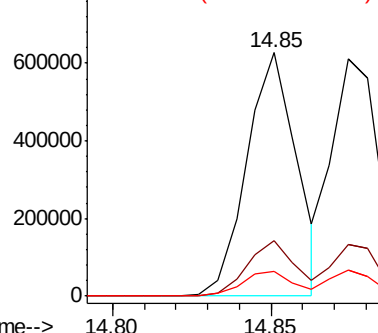


#88  
Benzo(b)fluoranthene  
Concen: 40.247 ng  
RT: 14.85 min Scan# 2170  
Delta R.T. 0.00 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

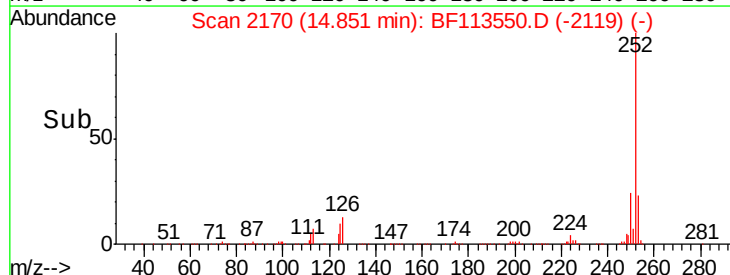
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 18.0  | 27.0  |
| 125     | 10.1  | 7.6   | 11.4  |



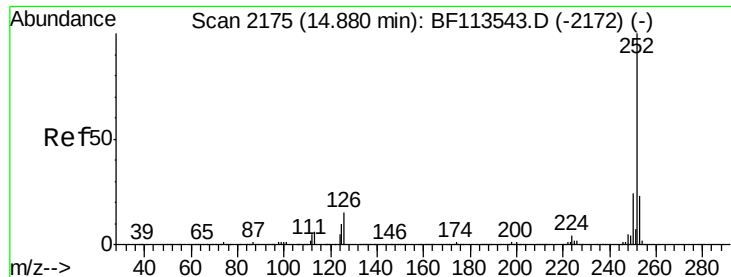
Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



Time-->



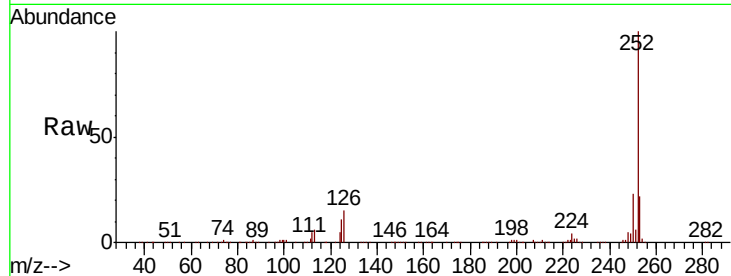




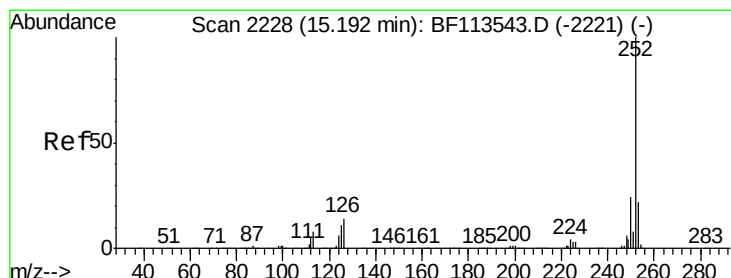
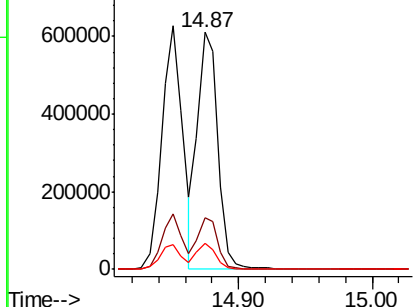
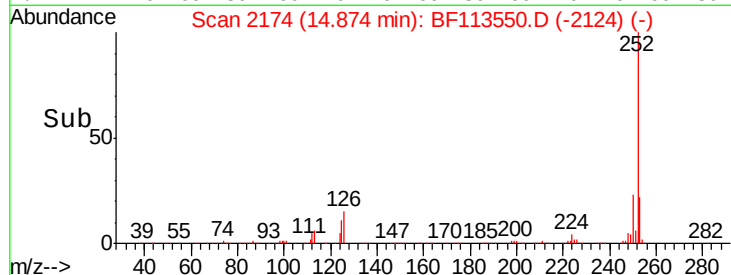
#89  
Benzo(k)fluoranthene  
Concen: 41.602 ng  
RT: 14.87 min Scan# 2174  
Delta R.T. -0.01 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 635928  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.7 26.5  
125 10.8 7.3 10.9

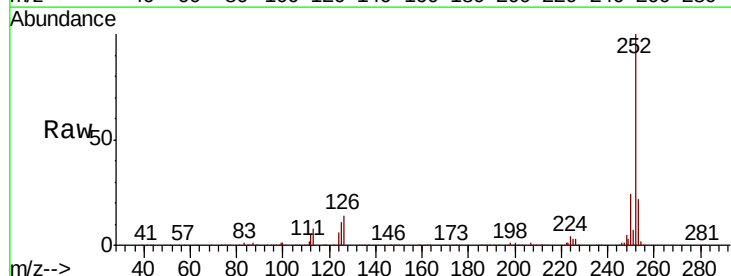


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

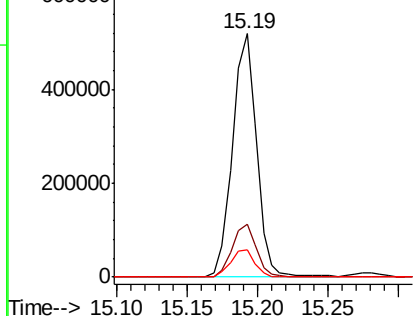
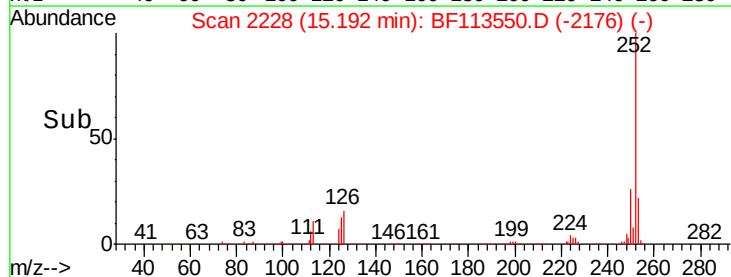


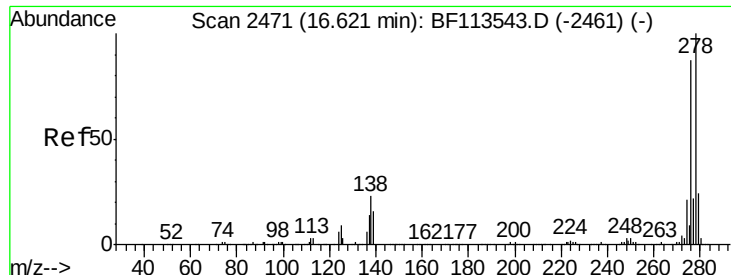
#90  
Benzo(a)pyrene  
Concen: 40.764 ng  
RT: 15.19 min Scan# 2228  
Delta R.T. 0.01 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Tgt Ion:252 Resp: 616953  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.9 26.9  
125 11.0 8.8 13.2



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

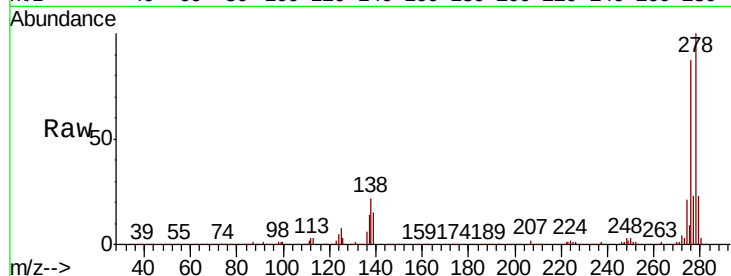




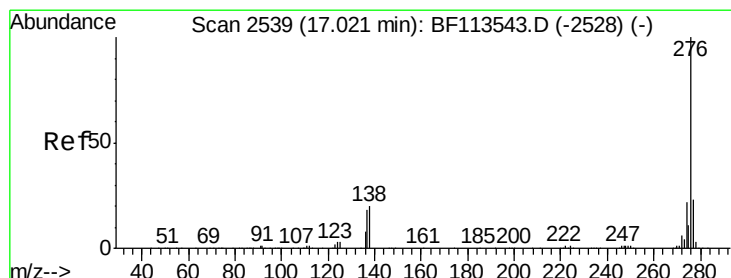
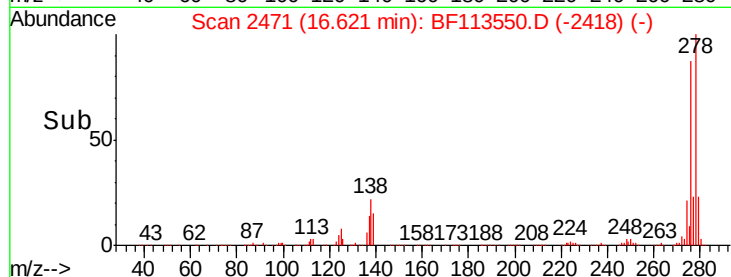
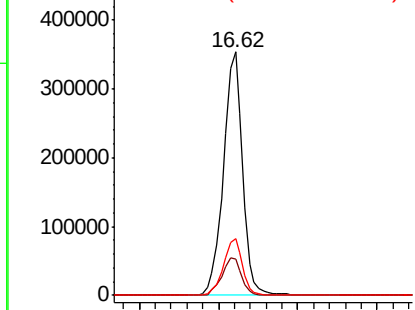
#91  
Dibenzo(a,h)anthracene  
Concen: 41.818 ng  
RT: 16.62 min Scan# 2471  
Delta R.T. 0.01 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 591852  
Ion Ratio Lower Upper  
278 100  
139 14.7 12.0 18.0  
279 23.2 19.0 28.6

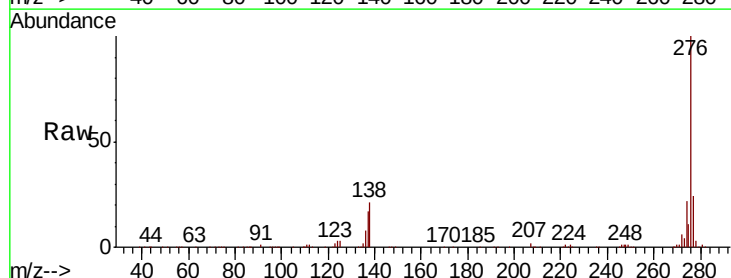


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 41.638 ng  
RT: 17.02 min Scan# 2539  
Delta R.T. 0.02 min  
Lab File: BF113550.D  
Acq: 3 Apr 2019 18:09

Tgt Ion:276 Resp: 601506  
Ion Ratio Lower Upper  
276 100  
277 24.4 18.8 28.2  
138 20.5 15.6 23.4



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

