

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\  
 Data File : BF113960.D  
 Acq On : 24 Apr 2019 14:44  
 Operator : JU/SJ  
 Sample : K2542-07MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 25 01:23:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 23 03:32:35 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 129380   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.17  | 136  | 485658   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.93  | 164  | 248173   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.42 | 188  | 460626   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.06 | 240  | 297901   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.57 | 264  | 367637   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 761959  | 100.73 | ng | 0.00 |
| 7) Phenol-d6             | 6.53  | 99  | 983188  | 103.60 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.46  | 82  | 595245  | 75.68  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.72 | 330 | 299589  | 99.09  | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.25  | 172 | 1120936 | 70.64  | ng | 0.00 |
| 79) Terphenyl-d14        | 13.00 | 244 | 1130752 | 77.82  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.74 | 88  | 110203 | 30.905 | ng | 99     |
| 3) Pyridine                    | 3.49 | 79  | 273803 | 28.131 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.43 | 42  | 107012 | 32.118 | ng | 94     |
| 6) Aniline                     | 6.56 | 93  | 317936 | 24.396 | ng | 100    |
| 8) 2-Chlorophenol              | 6.69 | 128 | 296556 | 34.338 | ng | 95     |
| 9) Benzaldehyde                | 6.44 | 77  | 72062  | 8.806  | ng | 95     |
| 10) Phenol                     | 6.54 | 94  | 374181 | 32.972 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.63 | 93  | 288313 | 33.761 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.84 | 146 | 336599 | 34.413 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 340333 | 34.593 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 321931 | 35.606 | ng | 98     |
| 15) Benzyl Alcohol             | 7.03 | 79  | 218082 | 34.119 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45  | 328018 | 32.904 | ng | 92     |
| 17) 2-Methylphenol             | 7.15 | 107 | 267249 | 35.302 | ng | 98     |
| 18) Hexachloroethane           | 7.41 | 117 | 116797 | 33.867 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70  | 207566 | 33.773 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 309657 | 36.204 | ng | # 70   |
| 22) Acetophenone               | 7.30 | 105 | 411136 | 38.042 | ng | # 92   |
| 24) Nitrobenzene               | 7.47 | 77  | 318982 | 36.702 | ng | 97     |
| 25) Isophorone                 | 7.71 | 82  | 562639 | 34.959 | ng | 99     |
| 26) 2-Nitrophenol              | 7.79 | 139 | 153618 | 38.744 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122 | 248494 | 38.466 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93  | 361546 | 35.253 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.03 | 162 | 268055 | 36.286 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 297885 | 36.165 | ng | 97     |
| 31) Naphthalene                | 8.20 | 128 | 849517 | 36.821 | ng | 99     |
| 32) Benzoic acid               | 7.90 | 122 | 47047  | 10.784 | ng | 99     |
| 33) 4-Chloroaniline            | 8.24 | 127 | 205395 | 21.040 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 177460 | 34.561 | ng | 98     |
| 35) Caprolactam                | 8.60 | 113 | 69599  | 29.617 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107 | 256134 | 34.997 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.89 | 142 | 576911 | 37.081 | ng | 100    |
| 38) 1-Methylnaphthalene        | 8.99 | 142 | 545217 | 36.309 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 291943 | 36.215 | ng | 100    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\  
 Data File : BF113960.D  
 Acq On : 24 Apr 2019 14:44  
 Operator : JU/SJ  
 Sample : K2542-07MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

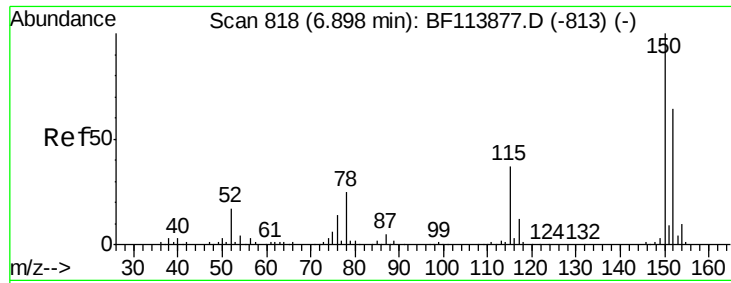
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 25 01:23:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 23 03:32:35 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.05  | 237  | 283843   | 63.141 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.17  | 196  | 193201   | 37.742 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.21  | 196  | 210276   | 36.623 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 9.35  | 154  | 715495   | 37.740 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.38  | 162  | 564837   | 36.636 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.47  | 65   | 155736   | 38.533 | ng    | 88       |
| 49) Acenaphthylene             | 9.79  | 152  | 878260   | 36.387 | ng    | 98       |
| 50) Dimethylphthalate          | 9.65  | 163  | 828362   | 46.153 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.71  | 165  | 148892   | 38.667 | ng    | 99       |
| 52) Acenaphthene               | 9.97  | 154  | 533321   | 37.389 | ng    | 97       |
| 53) 3-Nitroaniline             | 9.87  | 138  | 115631   | 28.577 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 9.98  | 184  | 70060    | 46.000 | ng    | # 9      |
| 55) Dibenzofuran               | 10.14 | 168  | 780569   | 36.532 | ng    | 100      |
| 56) 4-Nitrophenol              | 10.03 | 139  | 215695   | 67.326 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 10.11 | 165  | 197742   | 40.685 | ng    | 97       |
| 58) Fluorene                   | 10.48 | 166  | 583380   | 36.265 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 174182   | 34.521 | ng    | 97       |
| 60) Diethylphthalate           | 10.35 | 149  | 621119   | 36.442 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204  | 310025   | 36.391 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.49 | 138  | 140769   | 35.650 | ng    | 97       |
| 63) Azobenzene                 | 10.63 | 77   | 577059   | 34.933 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.52 | 198  | 61439    | 31.978 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 10.59 | 169  | 530297   | 38.368 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.96 | 248  | 199550   | 35.861 | ng    | 96       |
| 68) Hexachlorobenzene          | 11.03 | 284  | 217196   | 35.519 | ng    | 96       |
| 69) Atrazine                   | 11.11 | 200  | 172627   | 38.395 | ng    | 99       |
| 70) Pentachlorophenol          | 11.22 | 266  | 202593   | 58.516 | ng    | 96       |
| 71) Phenanthrene               | 11.44 | 178  | 863588   | 37.305 | ng    | 99       |
| 72) Anthracene                 | 11.49 | 178  | 887699   | 37.974 | ng    | 99       |
| 73) Carbazole                  | 11.65 | 167  | 776712   | 37.243 | ng    | 98       |
| 74) Di-n-butylphthalate        | 11.97 | 149  | 913634   | 37.241 | ng    | 99       |
| 75) Fluoranthene               | 12.63 | 202  | 838834   | 33.213 | ng    | 98       |
| 77) Benzidine                  | 12.74 | 184  | 193631   | 21.815 | ng    | 99       |
| 78) Pyrene                     | 12.86 | 202  | 809369   | 38.851 | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.47 | 149  | 326663   | 39.854 | ng    | 98       |
| 81) Benzo(a)anthracene         | 14.05 | 228  | 652418   | 37.171 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.01 | 252  | 213502   | 33.187 | ng    | # 98     |
| 83) Chrysene                   | 14.09 | 228  | 661780   | 38.715 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 431250   | 41.353 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.68 | 149  | 686032   | 42.028 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.06 | 276  | 929850   | 57.428 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.13 | 252  | 719208   | 30.920 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.16 | 252  | 725144   | 36.243 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.51 | 252  | 728013   | 36.185 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.08 | 278  | 781459   | 41.378 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.52 | 276  | 785249   | 41.201 | ng    | 99       |

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



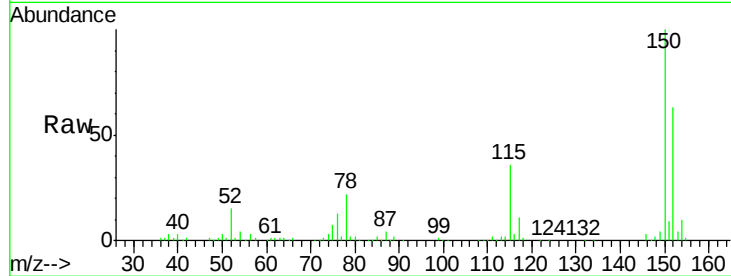


#1

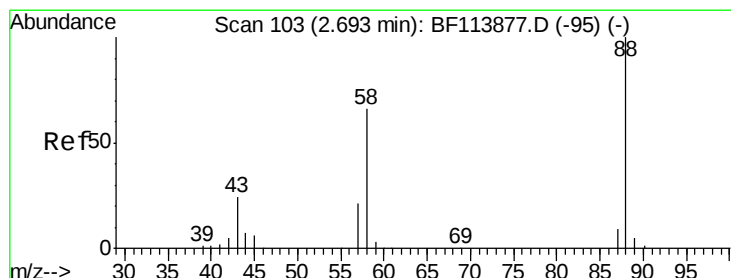
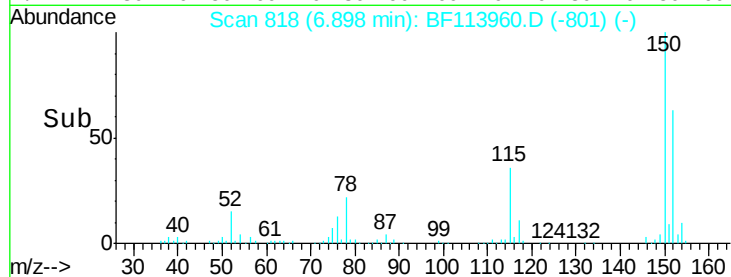
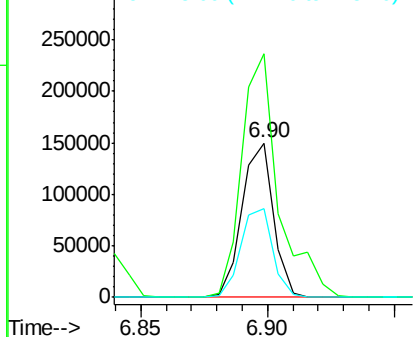
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.90 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 129380  
Ion Ratio Lower Upper  
152 100  
150 157.5 125.9 188.9  
115 57.1 45.9 68.9



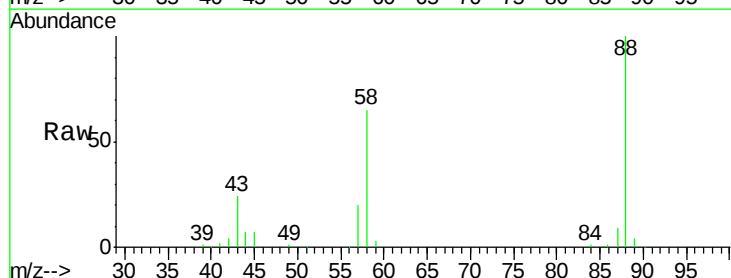
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



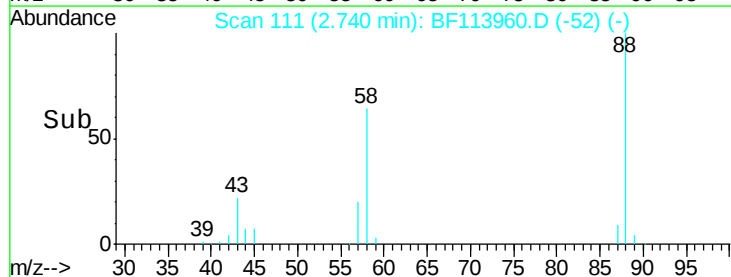
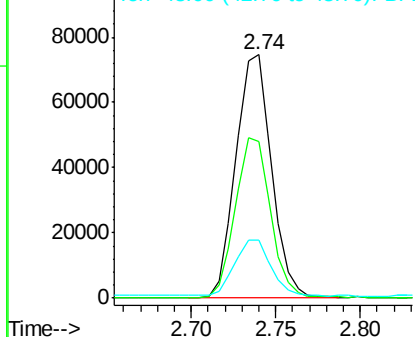
#2

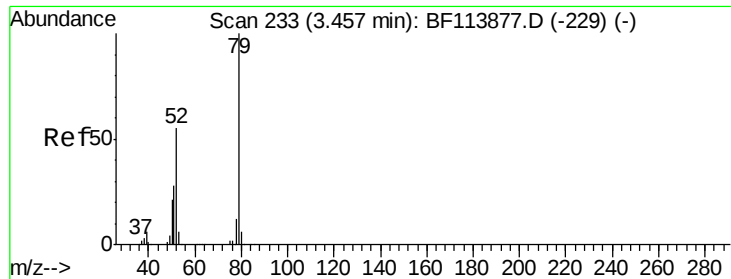
1,4-Dioxane  
Concen: 30.905 ng  
RT: 2.74 min Scan# 111  
Delta R.T. 0.05 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

Tgt Ion: 88 Resp: 110203  
Ion Ratio Lower Upper  
88 100  
58 65.5 53.3 79.9  
43 23.6 19.0 28.4



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





#3

Pvridine

Concen: 28.131 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.04 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

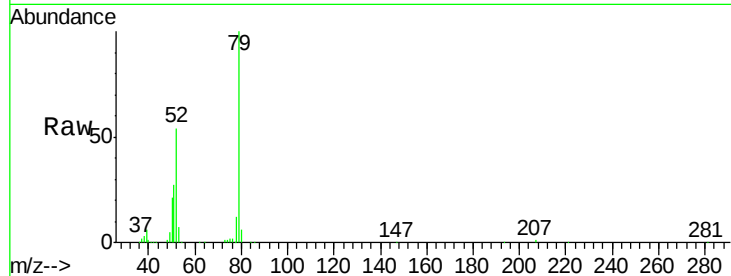
Tot Ion: 79 Resp: 273803

Ion Ratio Lower Upper

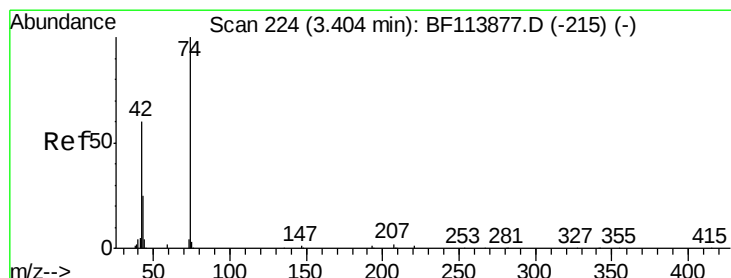
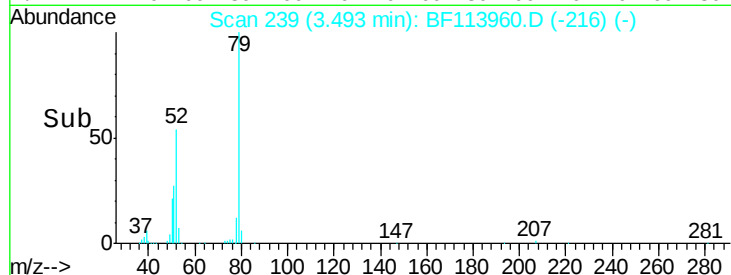
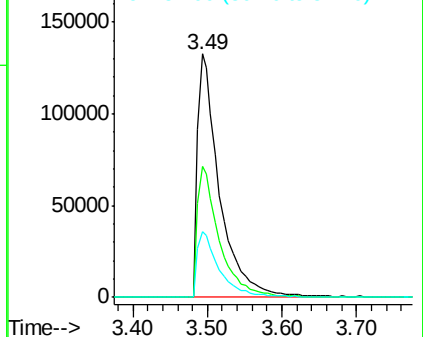
79 100

52 53.8 45.3 67.9

51 26.9 22.1 33.1



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: 32.118 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.03 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

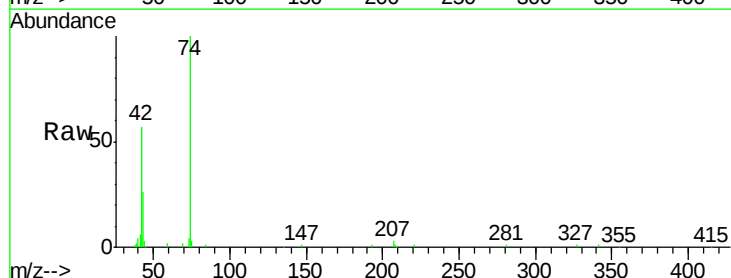
Tgt Ion: 42 Resp: 107012

Ion Ratio Lower Upper

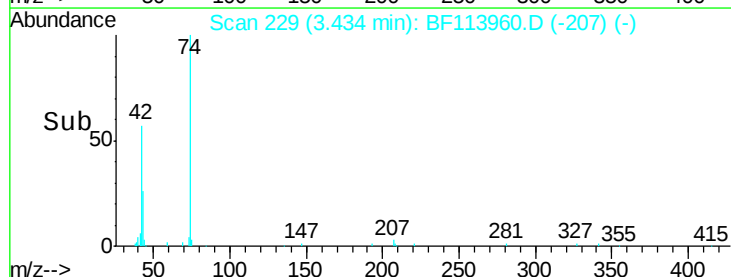
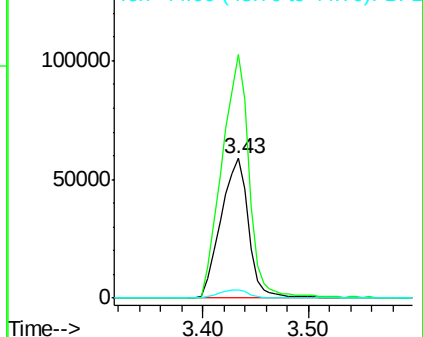
42 100

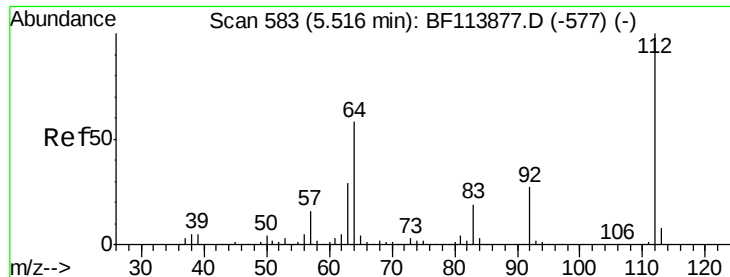
74 174.3 132.6 198.8

44 5.9 5.8 8.8



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: 100.728 ng

RT: 5.52 min Scan# 584

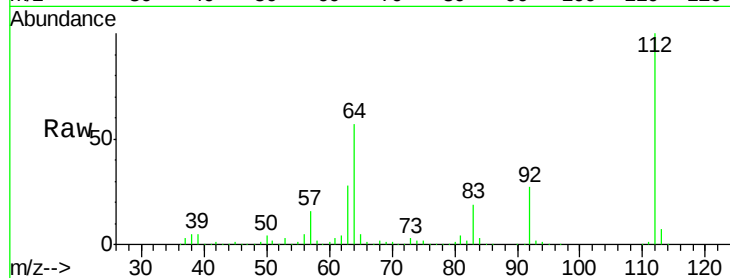
Delta R.T. 0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :  
BNA\_F  
ClientSampled :

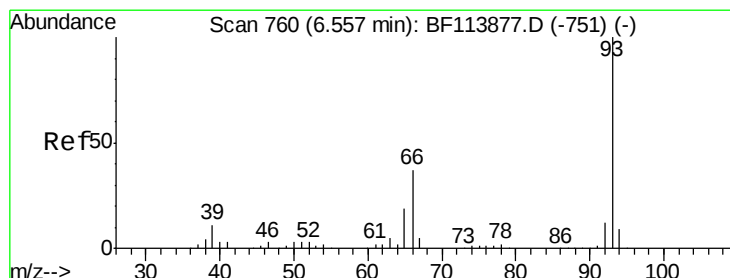
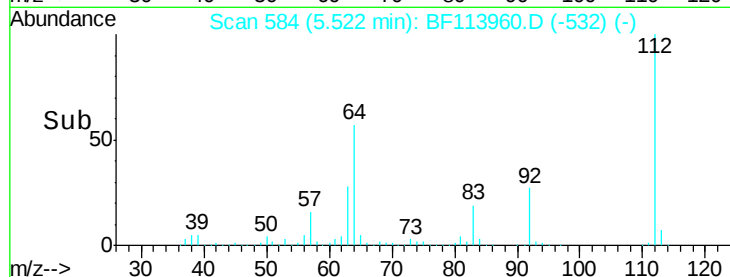
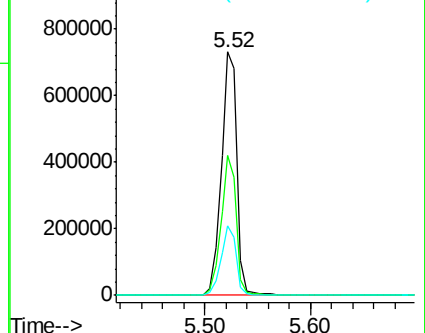
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 761959 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 57.2  | 46.6  | 69.8   |
| 63       | 28.5  | 23.1  | 34.7   |



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.396 ng

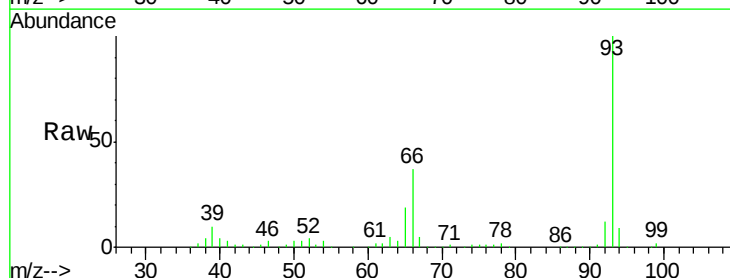
RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

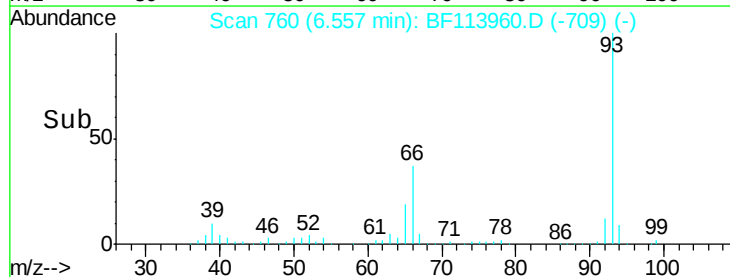
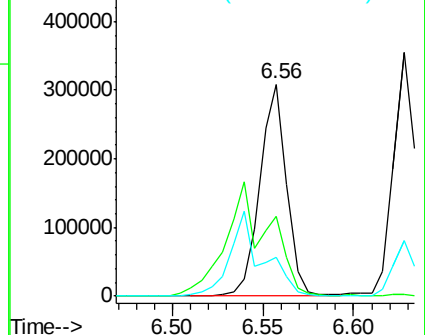
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 317936 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 37.5  | 29.8  | 44.6   |
| 65       | 18.5  | 14.9  | 22.3   |

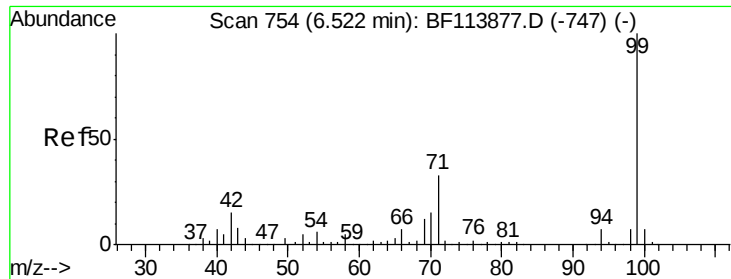


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.596 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

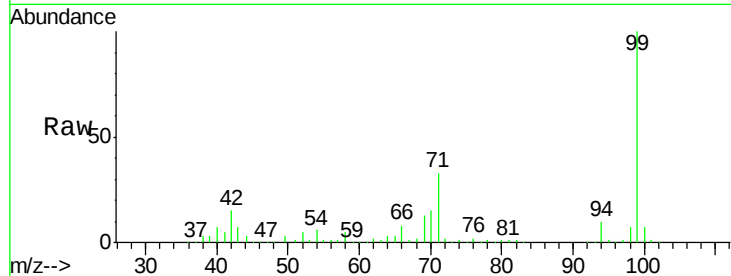
Tot Ion: 99 Resp: 983188

Ion Ratio Lower Upper

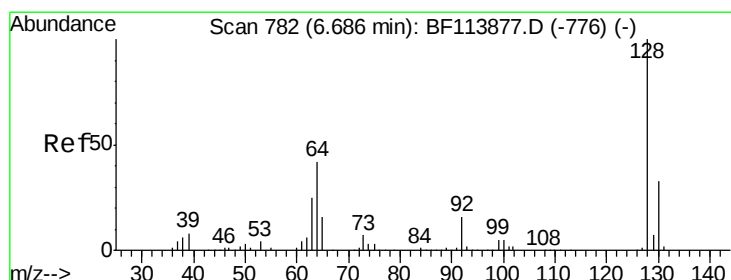
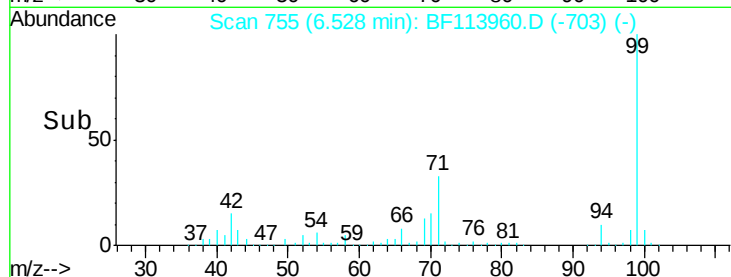
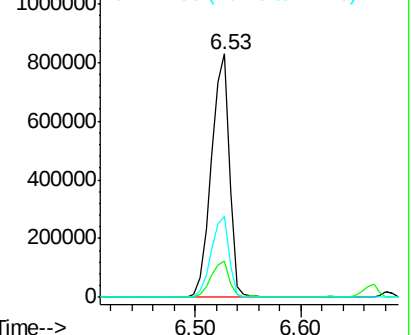
99 100

42 14.8 12.5 18.7

71 33.4 26.9 40.3



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



#8

2-Chlorophenol

Concen: 34.338 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

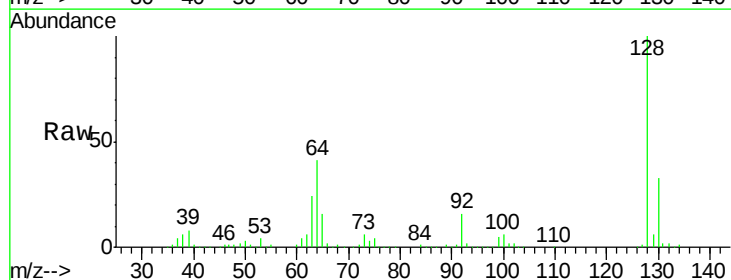
Tgt Ion: 128 Resp: 296556

Ion Ratio Lower Upper

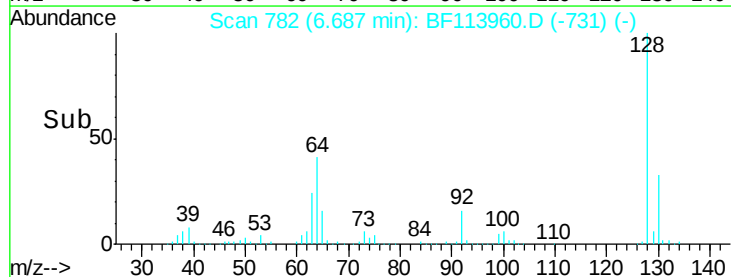
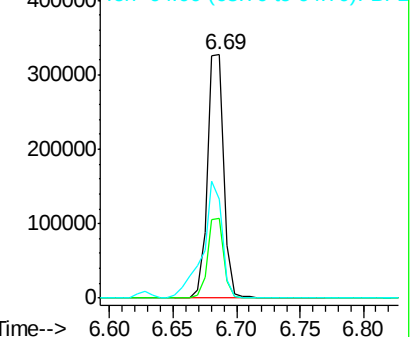
128 100

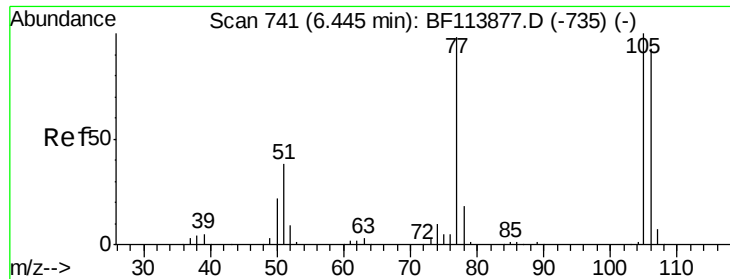
130 33.0 12.3 52.3

64 40.9 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.806 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

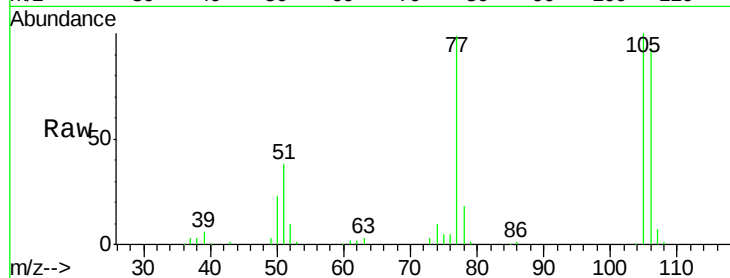
Tot Ion: 77 Resp: 72062

Ion Ratio Lower Upper

77 100

105 100.9 74.1 114.1

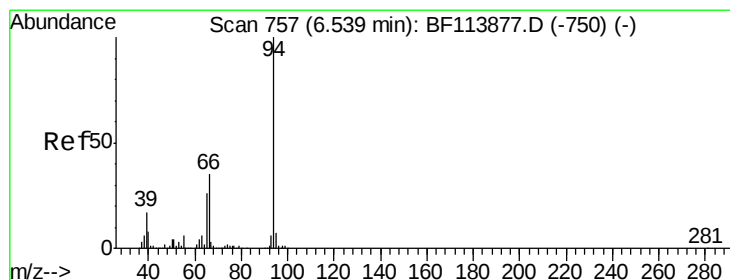
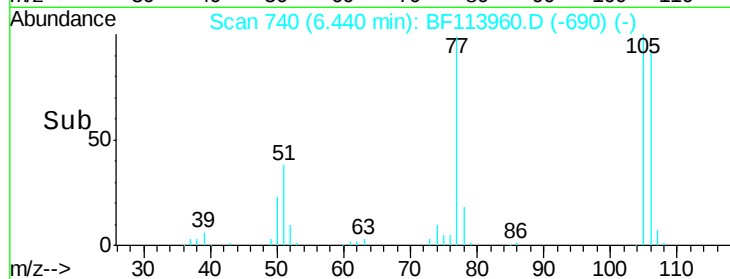
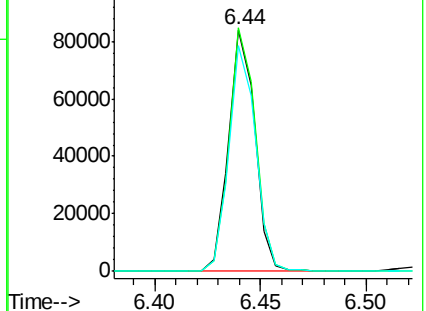
106 93.8 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 32.972 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

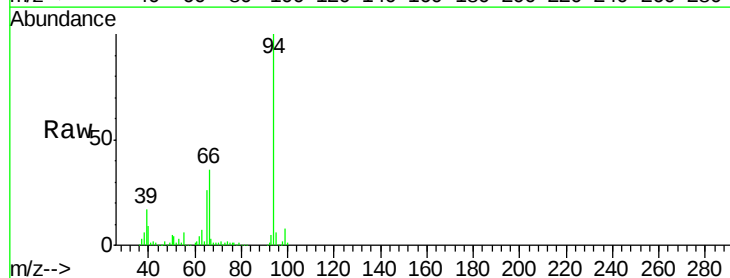
Tgt Ion: 94 Resp: 374181

Ion Ratio Lower Upper

94 100

65 26.3 8.1 48.1

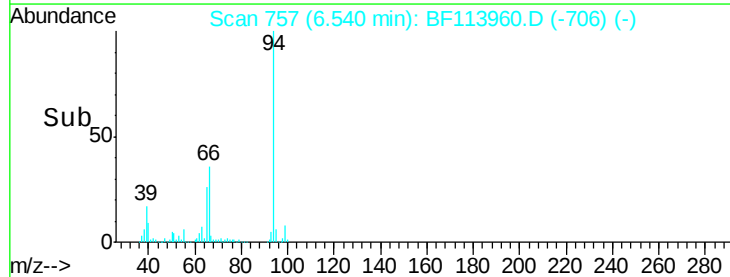
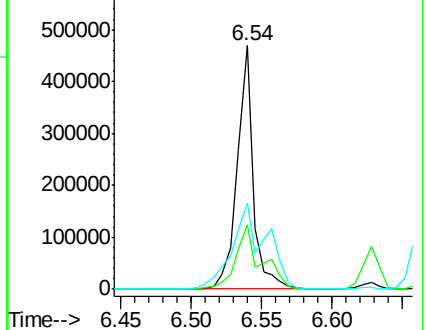
66 35.5 16.6 56.6

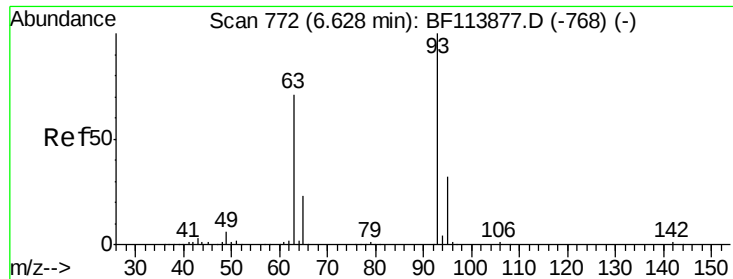


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

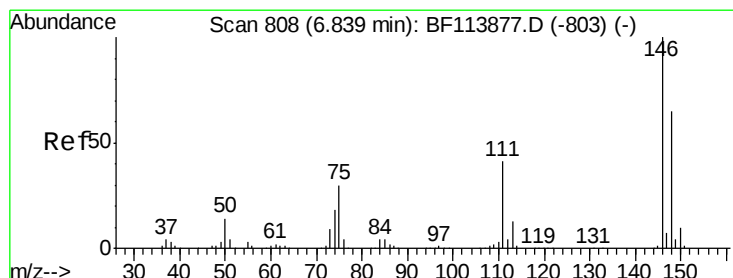
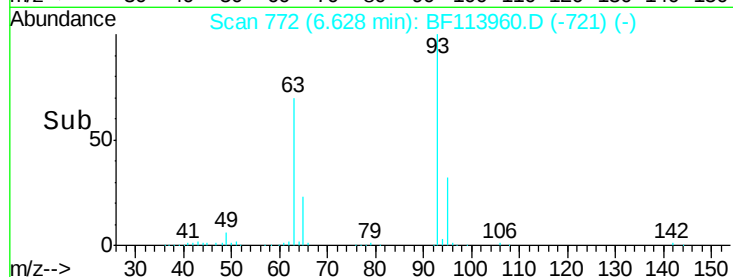
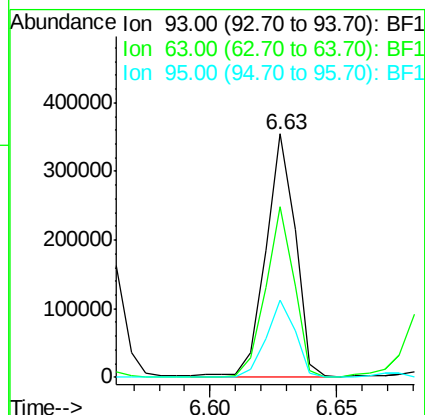
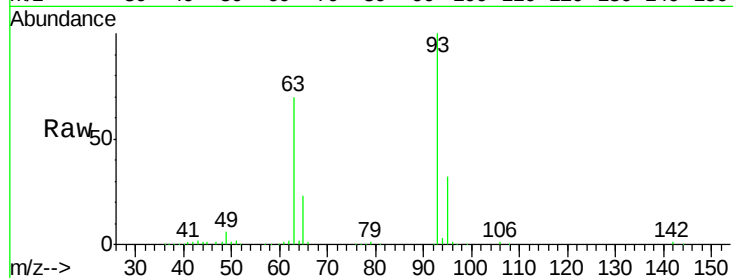




#11  
bis(2-Chloroethyl)ether  
Concen: 33.761 ng  
RT: 6.63 min Scan# 772  
Delta R.T. 0.00 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

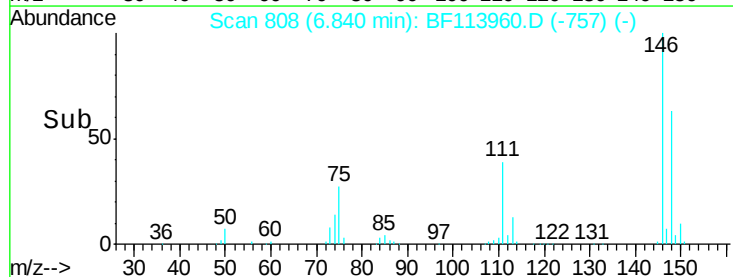
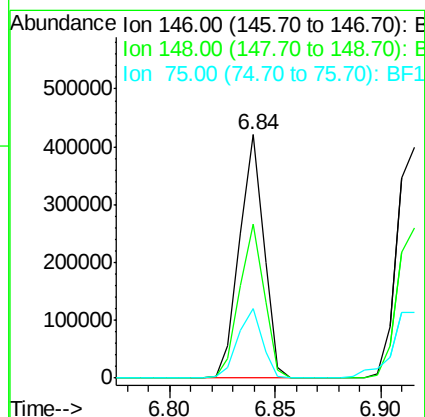
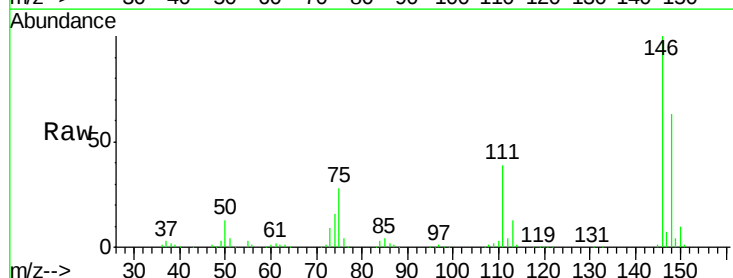
Instrument :  
BNA\_F  
ClientSampleId :

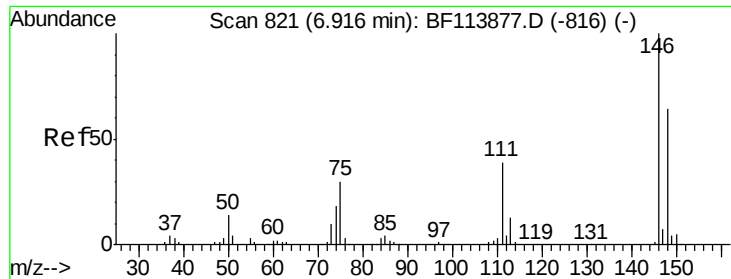
Tot Ion: 93 Resp: 288313  
Ion Ratio Lower Upper  
93 100  
63 69.9 50.7 90.7  
95 31.8 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 34.413 ng  
RT: 6.84 min Scan# 808  
Delta R.T. 0.00 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

Tgt Ion: 146 Resp: 336599  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.0 76.6  
75 28.3 23.8 35.8

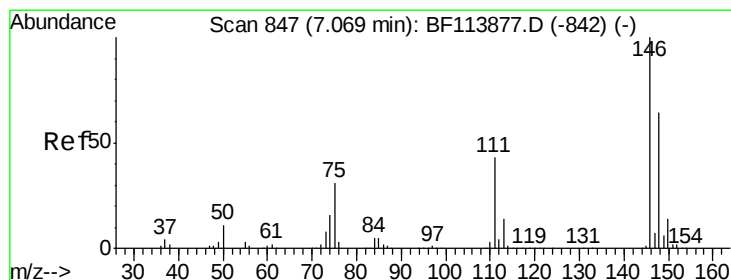
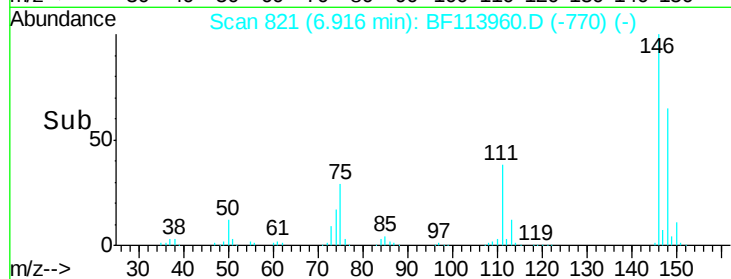
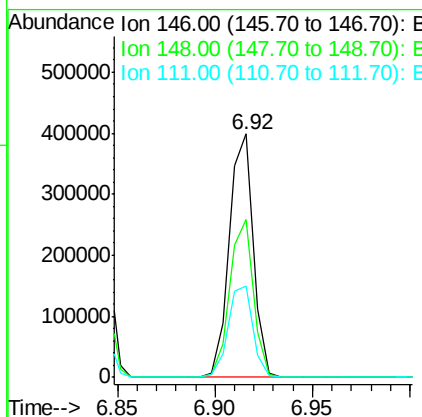
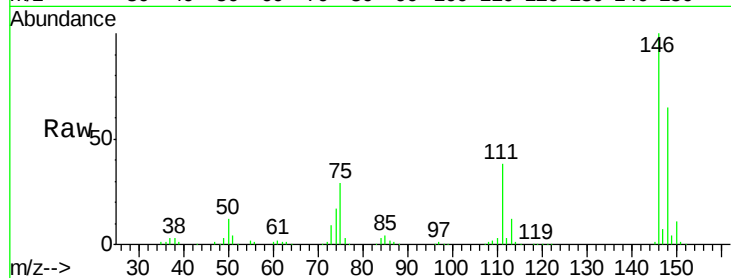




#13  
 1,4-Dichlorobenzene  
 Concen: 34.593 ng  
 RT: 6.92 min Scan# 821  
 Delta R.T. 0.00 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

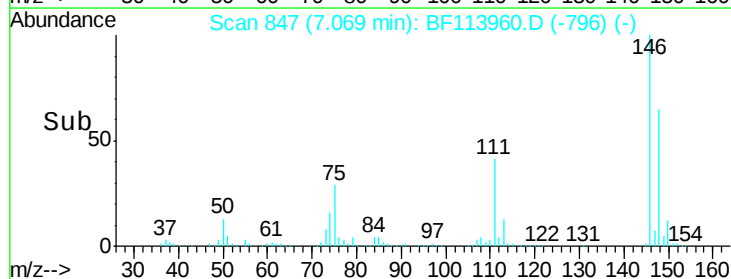
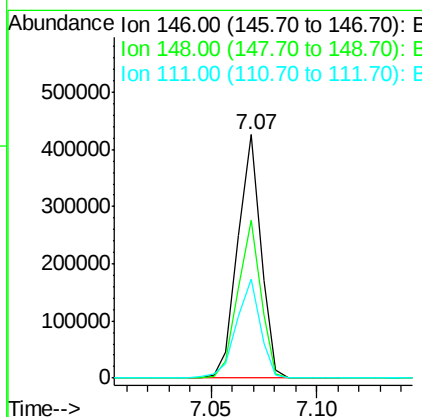
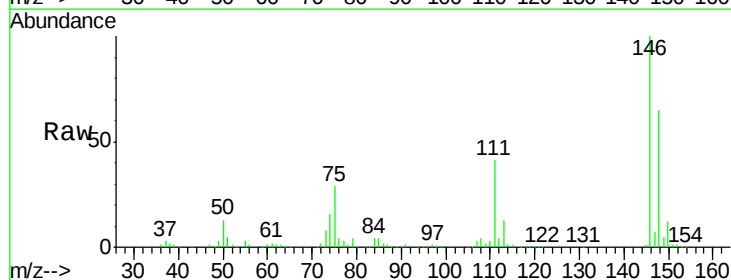
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:146 Resp: 340333  
 Ion Ratio Lower Upper  
 146 100  
 148 64.9 51.8 77.8  
 111 37.6 30.9 46.3



#14  
 1,2-Dichlorobenzene  
 Concen: 35.606 ng  
 RT: 7.07 min Scan# 847  
 Delta R.T. 0.00 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

Tgt Ion:146 Resp: 321931  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 52.1 78.1  
 111 40.8 34.2 51.4





#15

Benzyl Alcohol

Concen: 34.119 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampled :

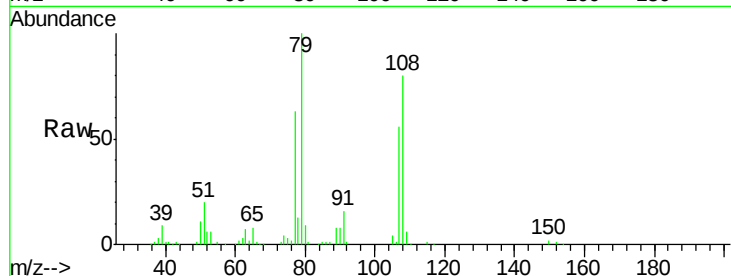
Tot Ion: 79 Resp: 218082

Ion Ratio Lower Upper

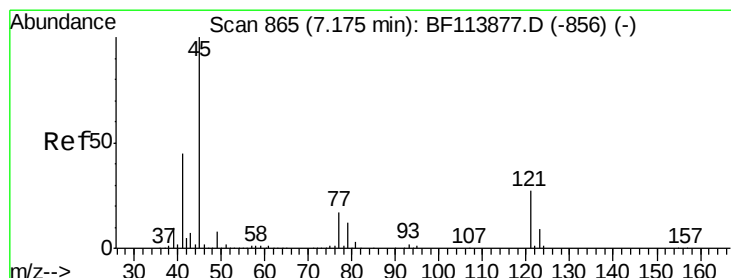
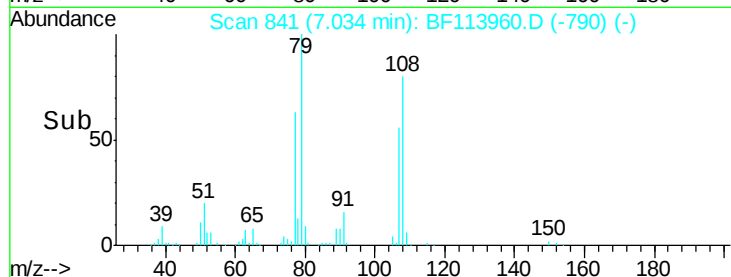
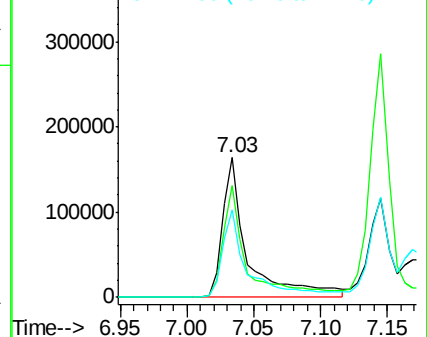
79 100

108 80.1 61.4 92.0

77 62.8 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 108.00 (107.70 to 108.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.904 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

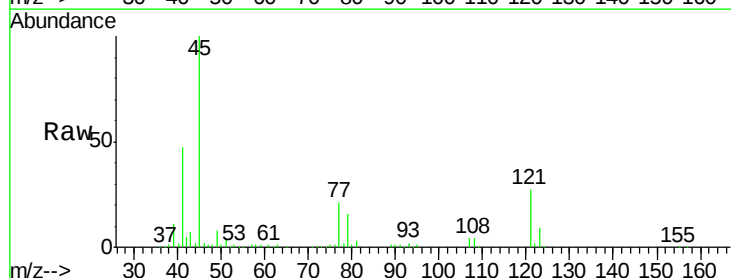
Tgt Ion: 45 Resp: 328018

Ion Ratio Lower Upper

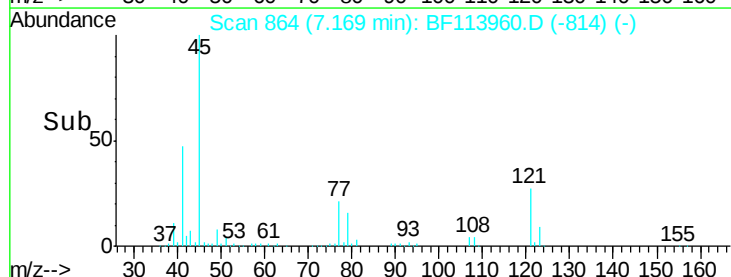
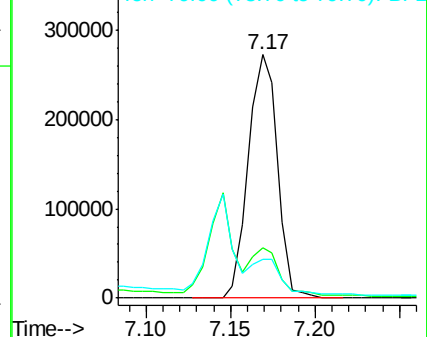
45 100

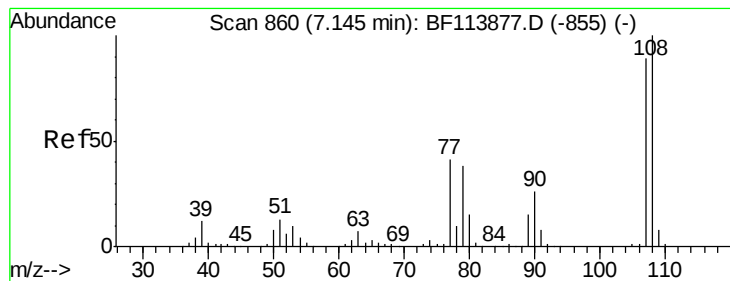
77 20.5 0.0 37.0

79 16.1 0.0 32.7



Abundance Ion 45.00 (44.70 to 45.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

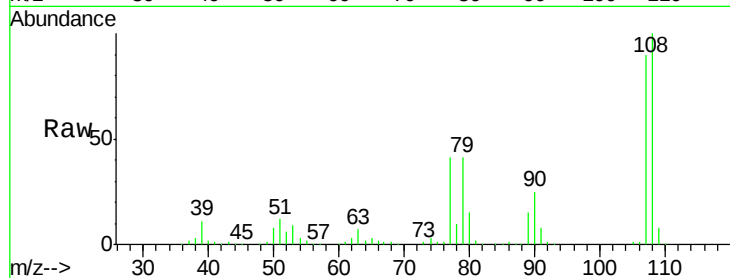




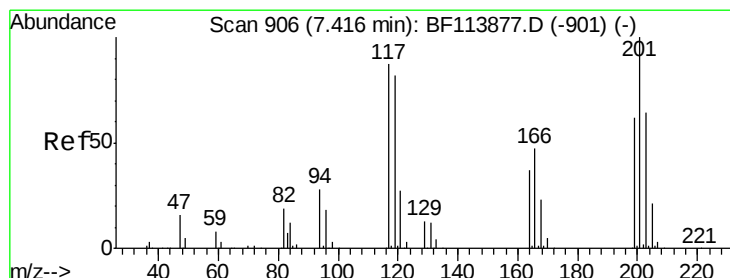
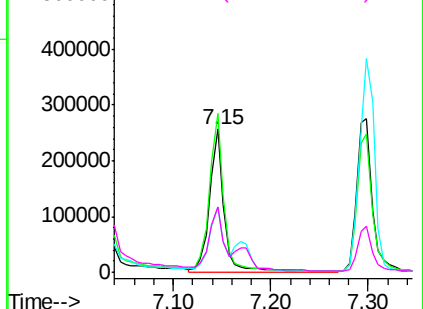
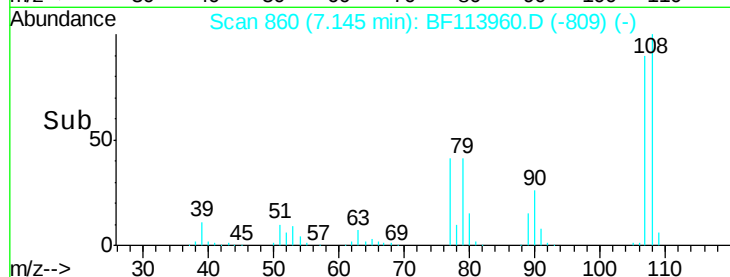
#17  
2-Methylphenol  
Concen: 35.302 ng  
RT: 7.15 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:107 Resp: 267249  
Ion Ratio Lower Upper  
107 100  
108 111.4 91.5 137.3  
77 46.1 36.2 54.4  
79 45.5 35.4 53.0

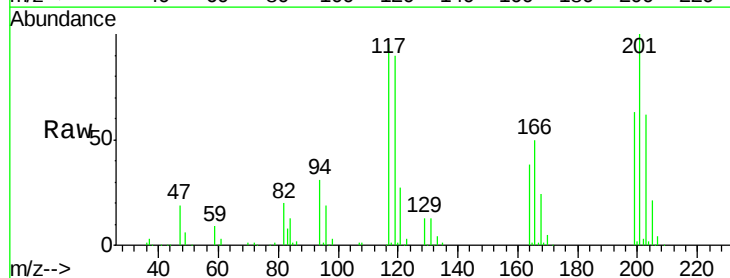


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

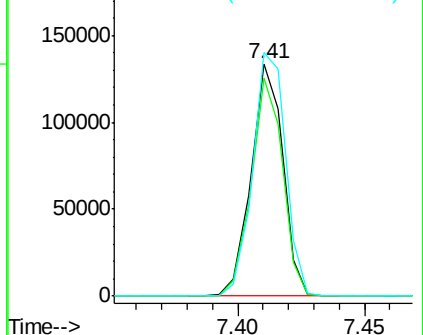
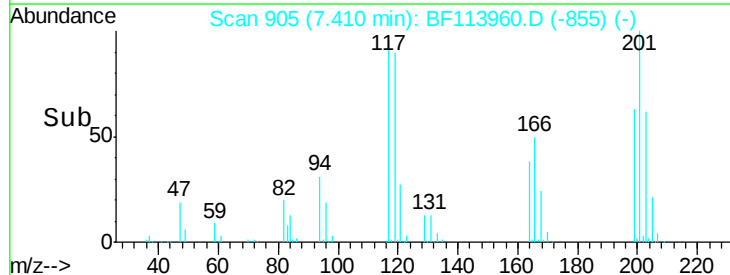


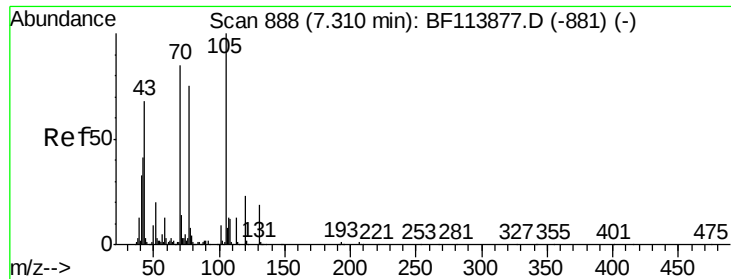
#18  
Hexachloroethane  
Concen: 33.867 ng  
RT: 7.41 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

Tgt Ion:117 Resp: 116797  
Ion Ratio Lower Upper  
117 100  
119 93.8 74.4 111.6  
201 104.7 90.2 135.2



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

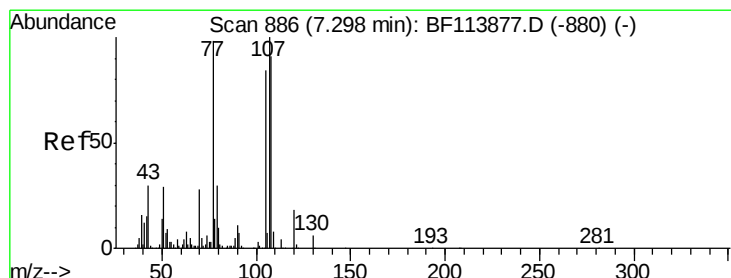
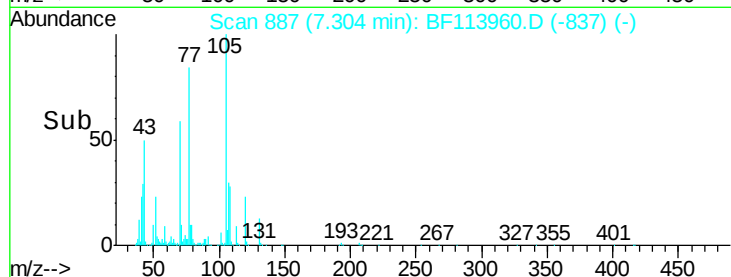
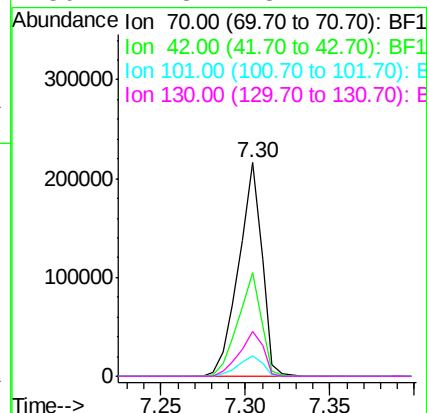
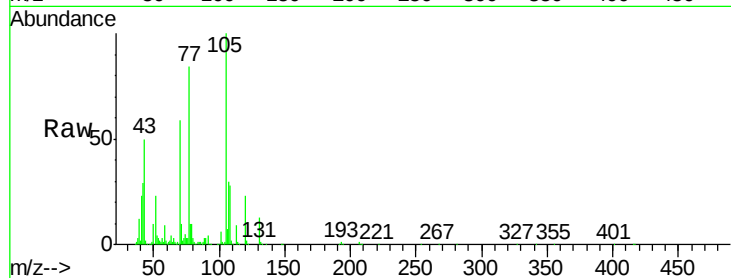




#19  
n-Nitroso-di-n-propylamine  
Concen: 33.773 ng  
RT: 7.30 min Scan# 887  
Delta R.T. -0.01 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

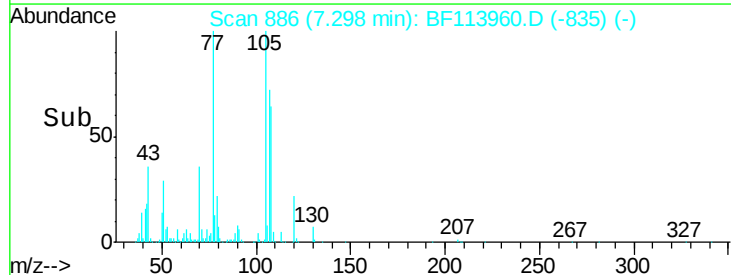
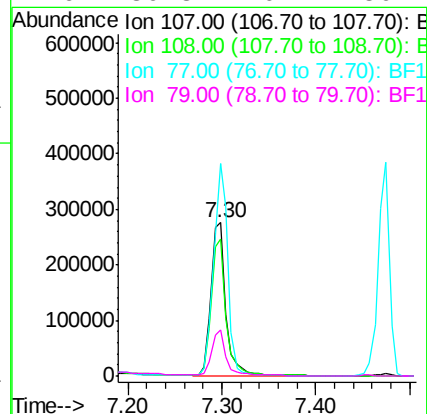
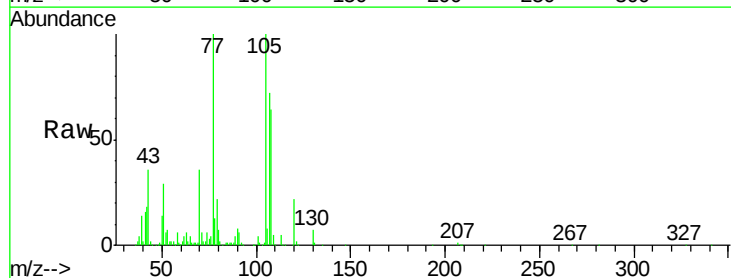
Instrument :  
BNA\_F  
ClientSampleId :

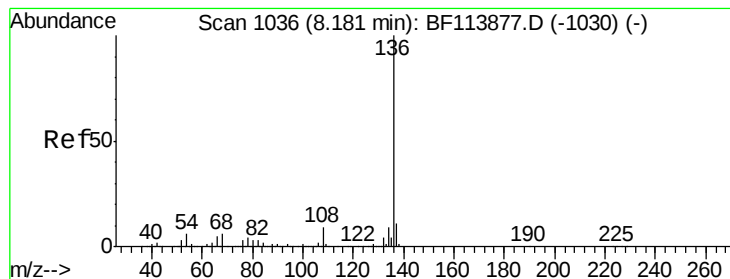
Tot Ion: 70 Resp: 207566  
Ion Ratio Lower Upper  
70 100  
42 48.5 37.3 55.9  
101 9.5 7.8 11.8  
130 21.3 18.2 27.2



#20  
3+4-Methylphenols  
Concen: 36.204 ng  
RT: 7.30 min Scan# 886  
Delta R.T. 0.00 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

Tgt Ion:107 Resp: 309657  
Ion Ratio Lower Upper  
107 100  
108 89.6 70.1 110.1  
77 138.7 52.9 92.9#  
79 30.3 10.2 50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 485658

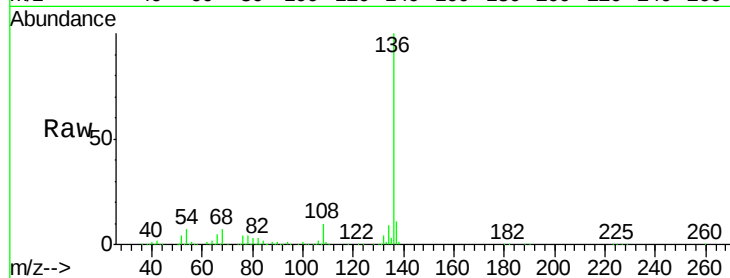
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 6.6 5.0 7.6

68 6.6 4.9 7.3

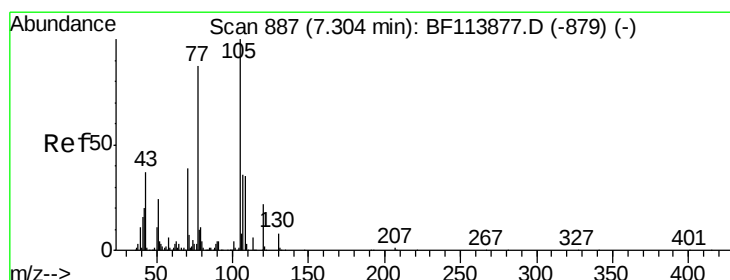
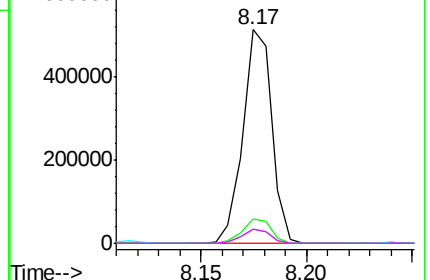
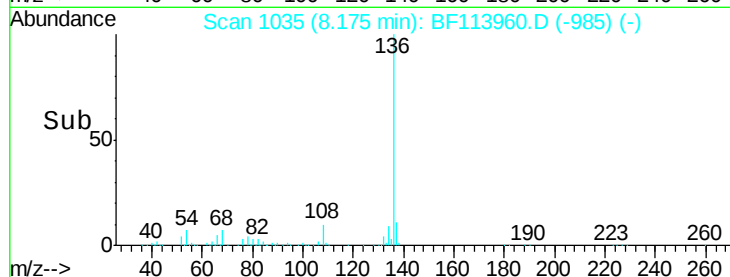


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.042 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Tgt Ion:105 Resp: 411136

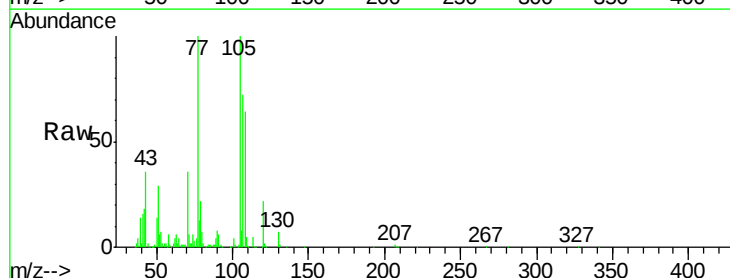
Ion Ratio Lower Upper

105 100

71 6.1 6.1 9.1

51 28.8 16.8 25.2#

120 21.6 17.6 26.4

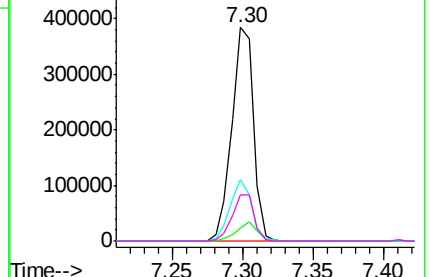
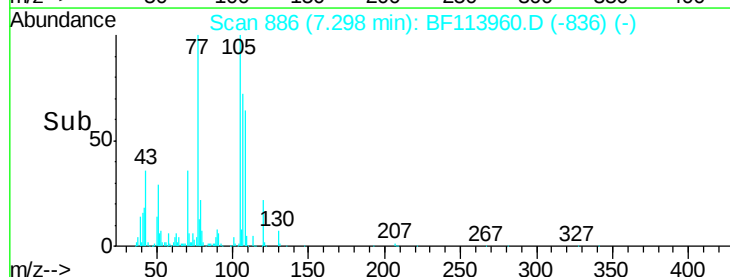


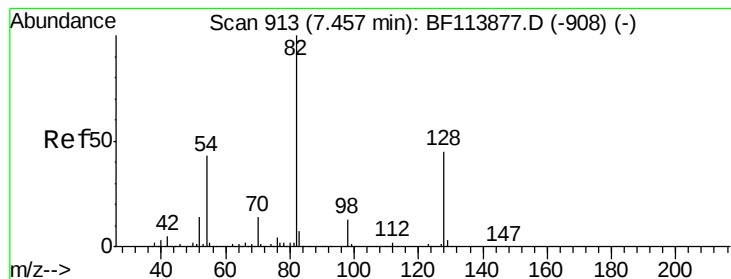
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.676 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

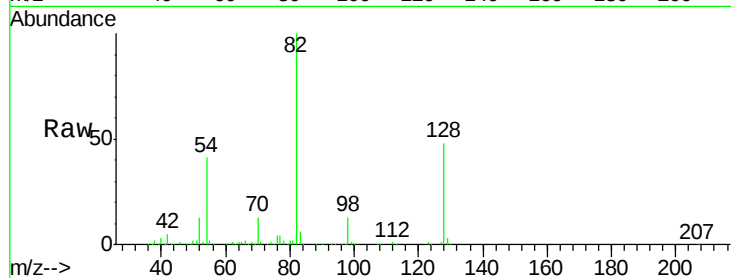
Tot Ion: 82 Resp: 595245

Ion Ratio Lower Upper

82 100

128 47.6 36.8 55.2

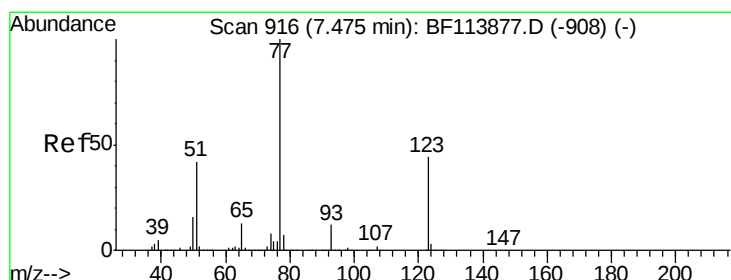
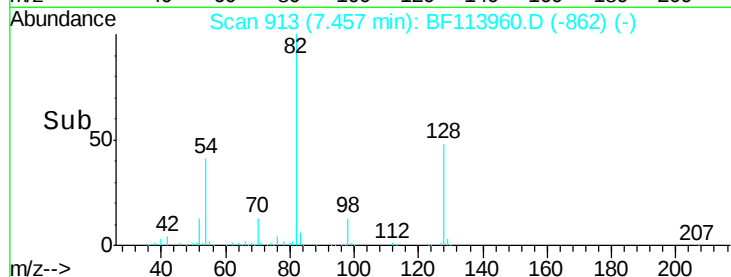
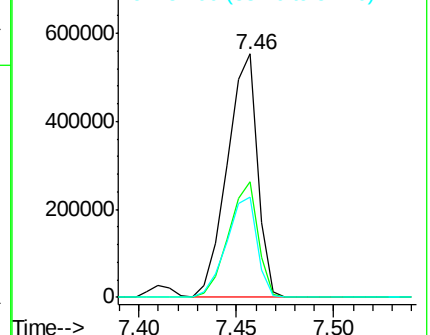
54 41.4 33.8 50.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 36.702 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

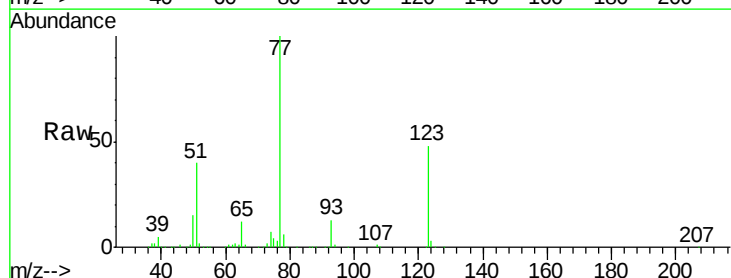
Tgt Ion: 77 Resp: 318982

Ion Ratio Lower Upper

77 100

123 47.8 36.3 54.5

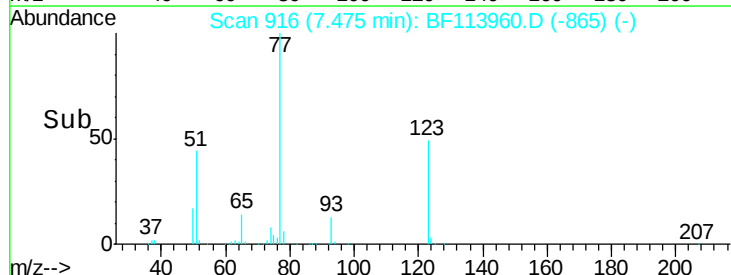
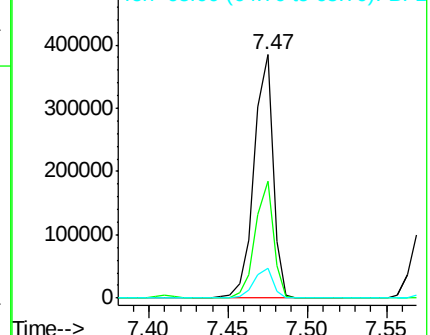
65 12.1 10.3 15.5

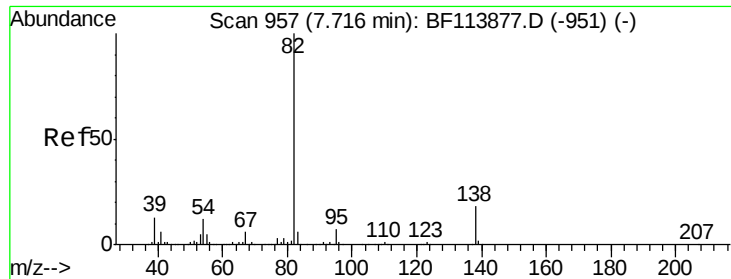


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 34.959 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

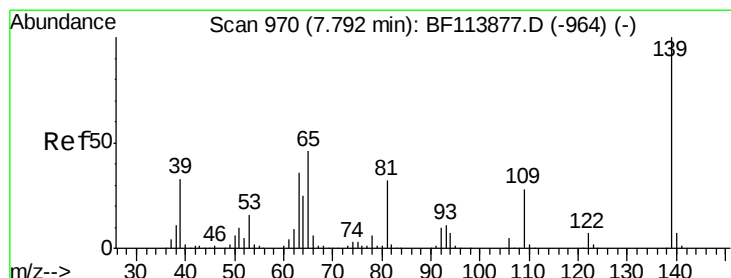
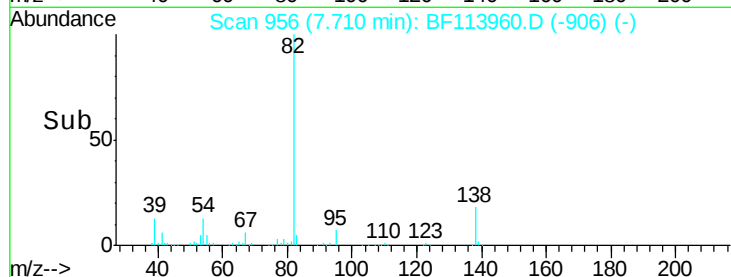
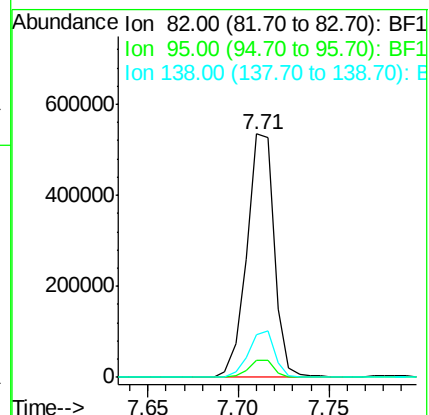
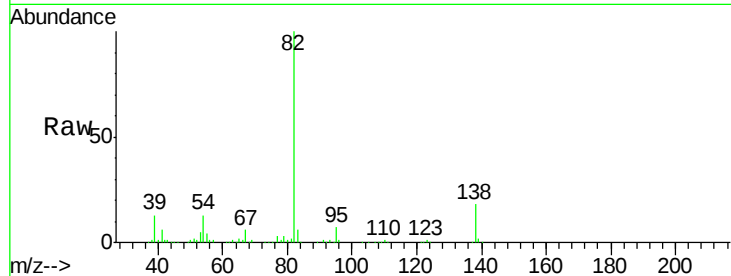
Tot Ion: 82 Resp: 562639

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 17.6 14.6 22.0



#26

2-Nitrophenol

Concen: 38.744 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

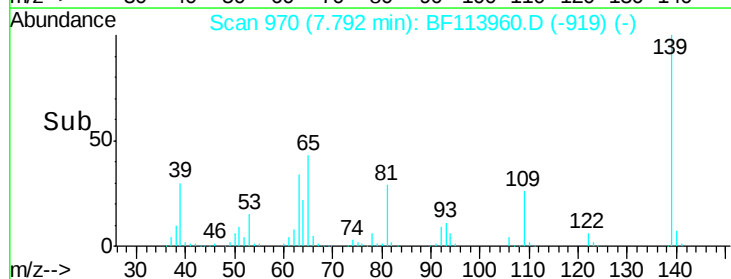
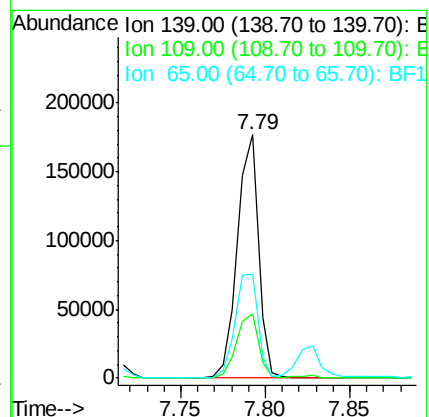
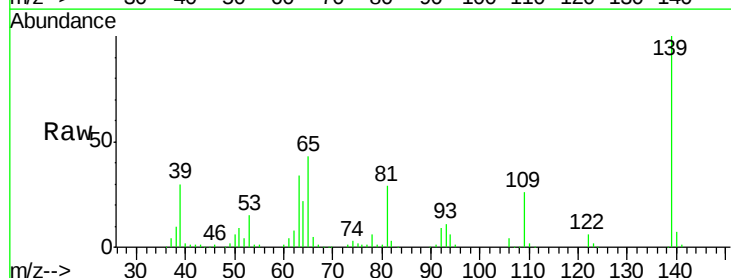
Tgt Ion: 139 Resp: 153618

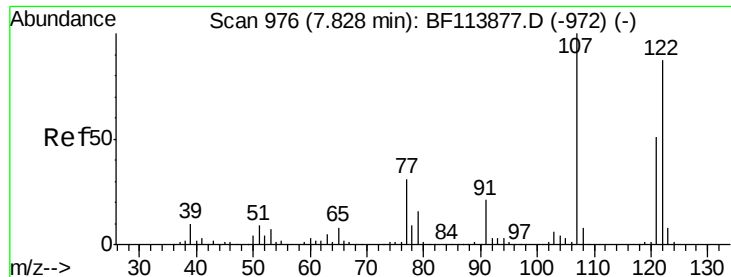
Ion Ratio Lower Upper

139 100

109 26.5 20.6 31.0

65 42.9 34.6 52.0

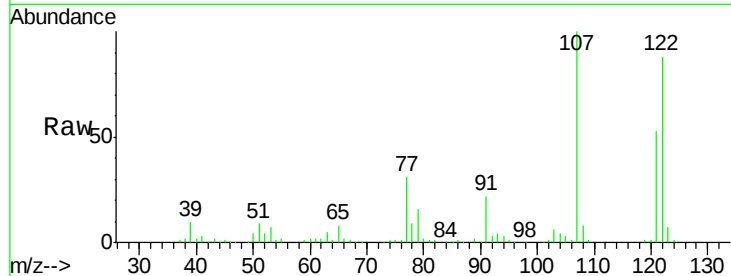




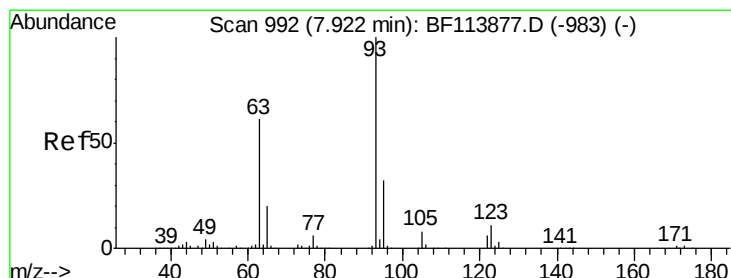
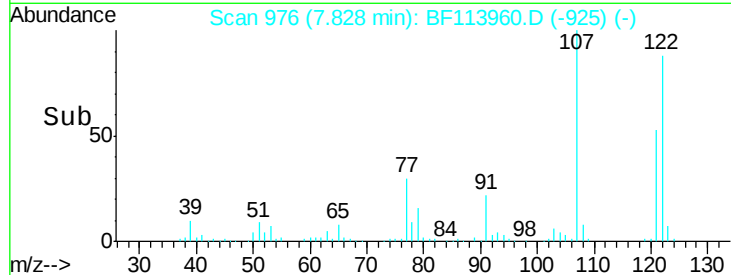
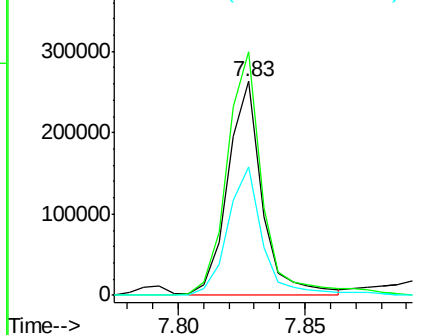
#27  
 2,4-Dimethylphenol  
 Concen: 38.466 ng  
 RT: 7.83 min Scan# 976  
 Delta R.T. 0.00 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:122 Resp: 248494  
 Ion Ratio Lower Upper  
 122 100  
 107 113.9 91.2 136.8  
 121 59.9 46.4 69.6

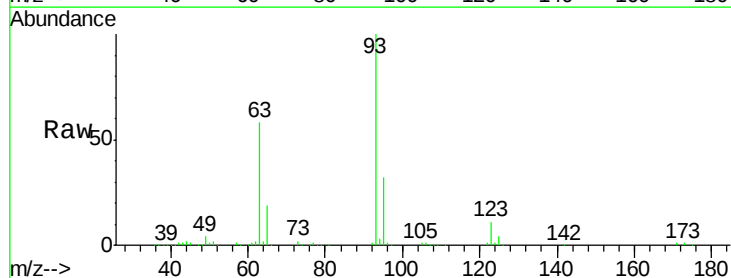


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

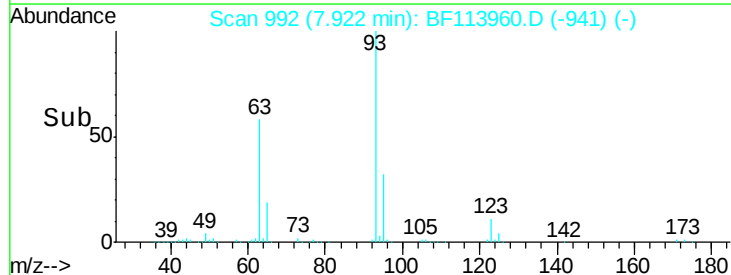
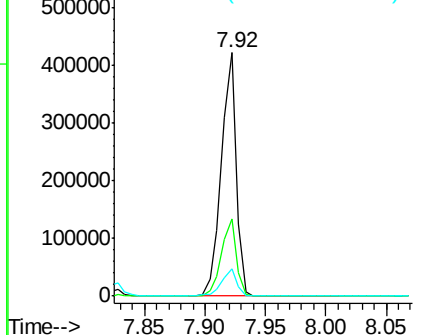


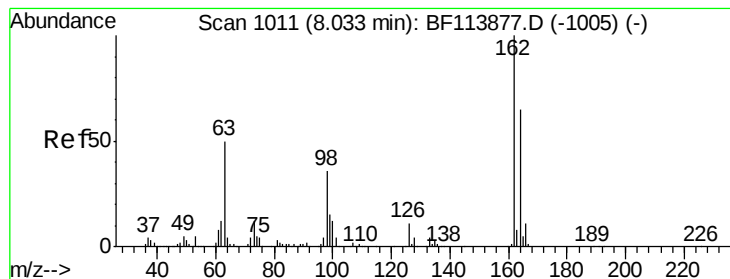
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 35.253 ng  
 RT: 7.92 min Scan# 992  
 Delta R.T. 0.00 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

Tgt Ion: 93 Resp: 361546  
 Ion Ratio Lower Upper  
 93 100  
 95 31.9 25.8 38.6  
 123 11.1 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1  
 Ion 95.00 (94.70 to 95.70): BF1  
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 36.286 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

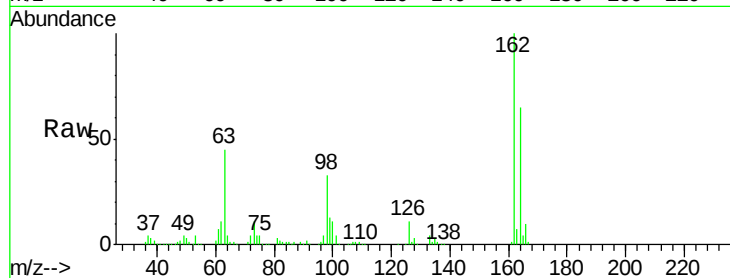
Tot Ion:162 Resp: 268055

Ion Ratio Lower Upper

162 100

164 65.3 43.7 83.7

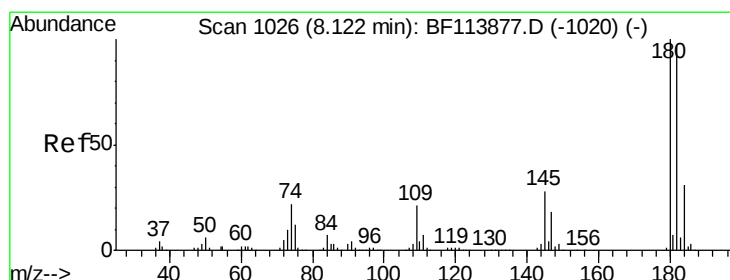
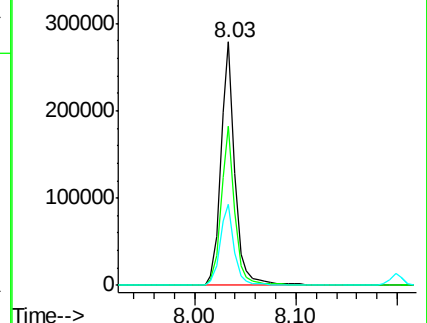
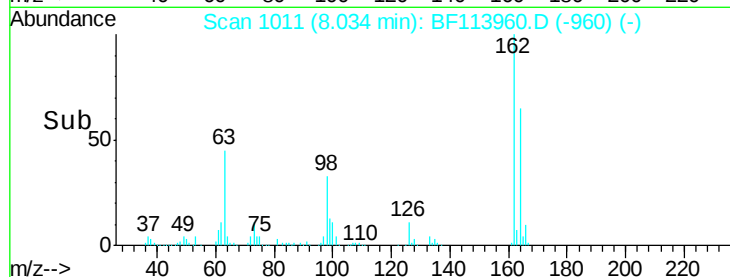
98 33.4 15.5 55.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 36.165 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

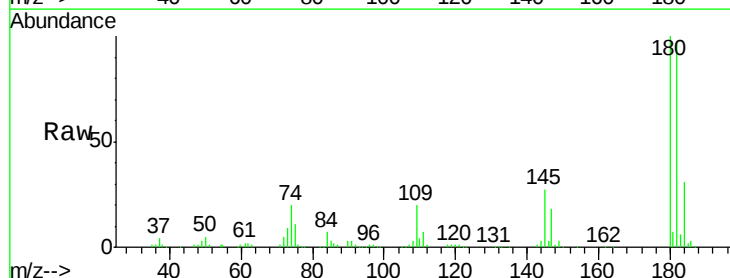
Tgt Ion:180 Resp: 297885

Ion Ratio Lower Upper

180 100

182 96.6 75.4 113.0

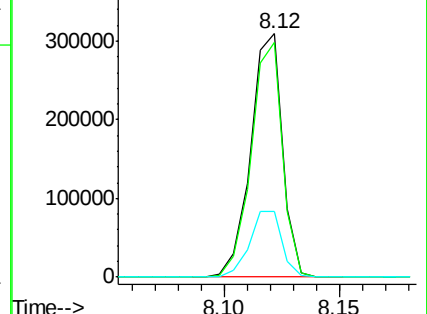
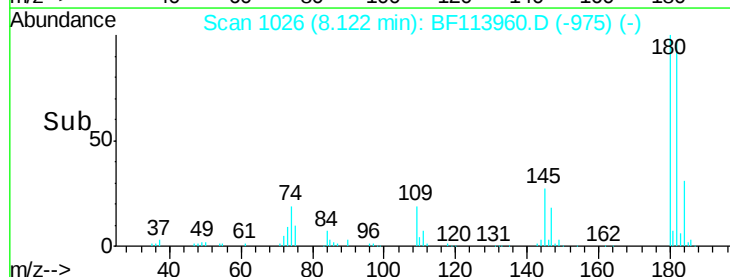
145 27.2 23.0 34.4

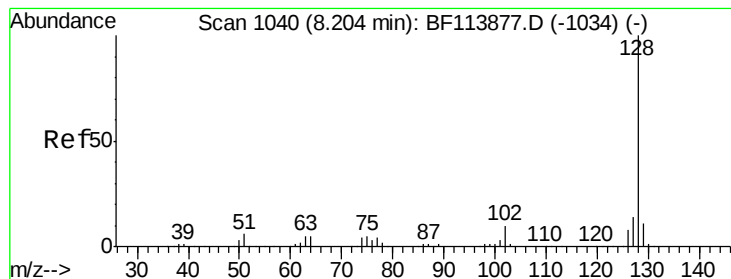


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.821 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

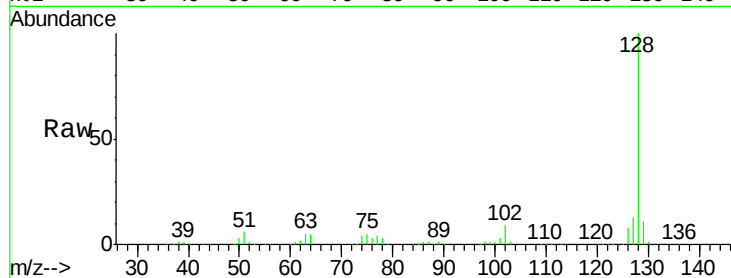
Tot Ion:128 Resp: 849517

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.0

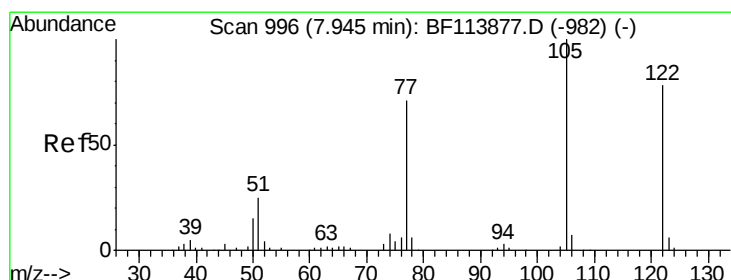
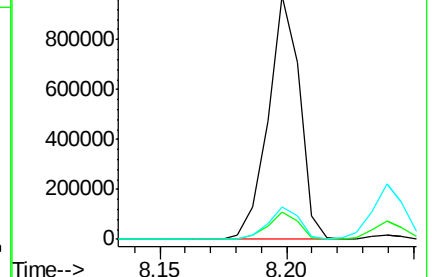
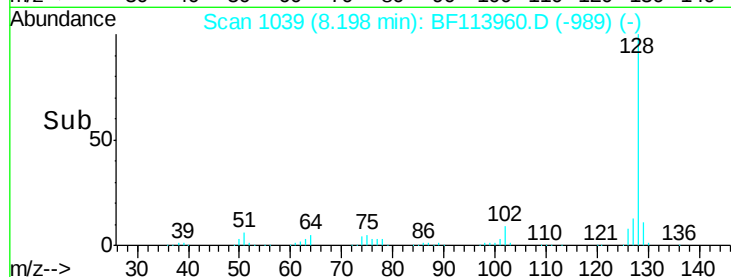
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.784 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.05 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

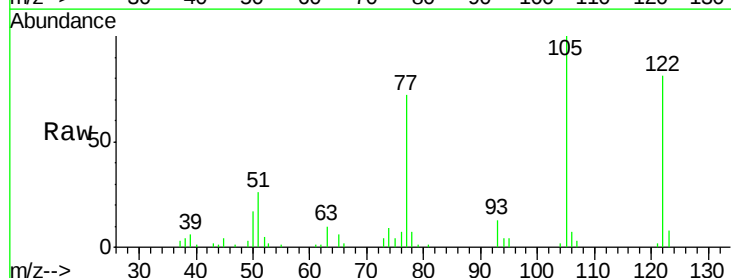
Tgt Ion:122 Resp: 47047

Ion Ratio Lower Upper

122 100

105 123.8 104.3 144.3

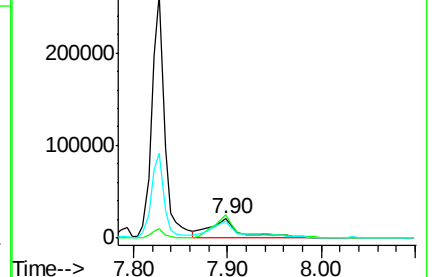
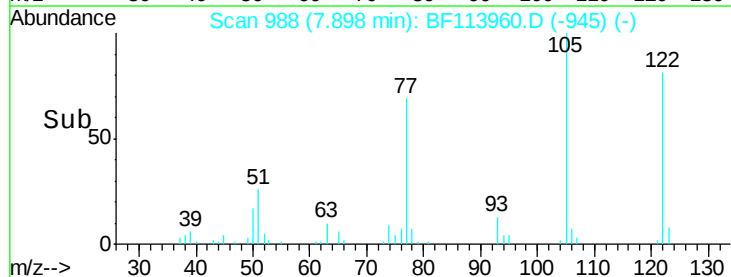
77 88.7 70.4 110.4

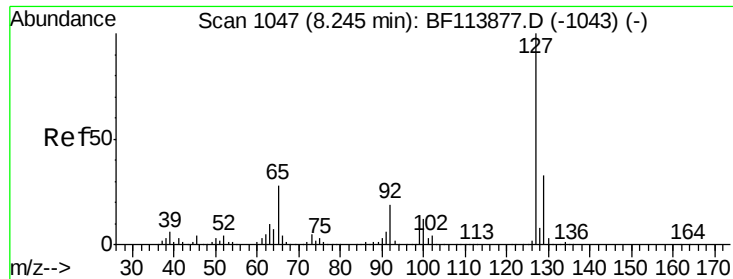


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

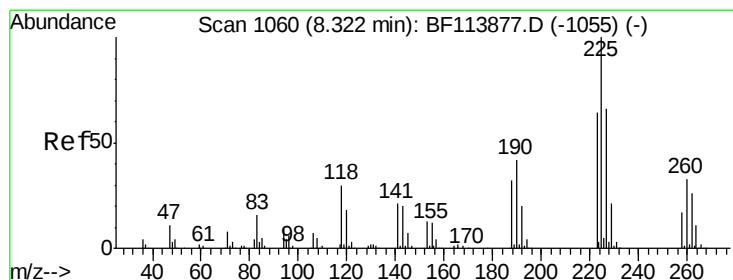
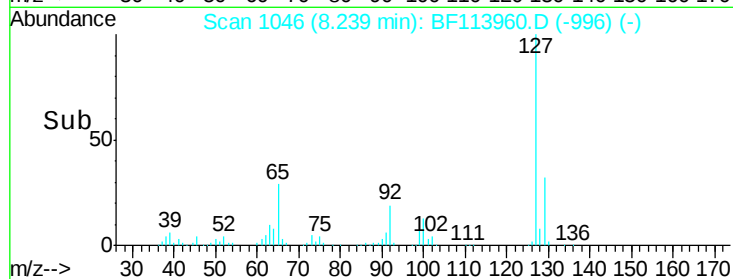
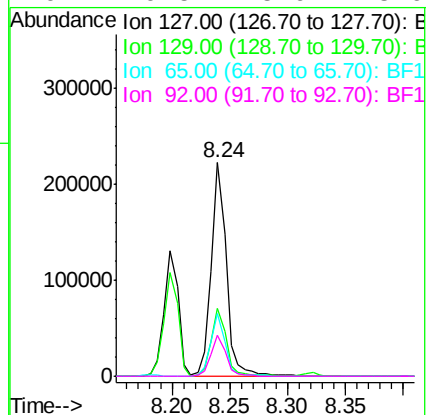
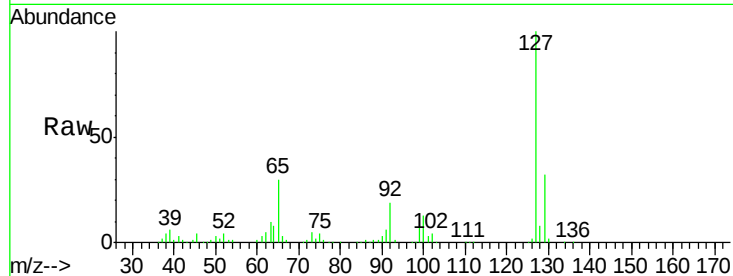




#33  
4-Chloroaniline  
Concen: 21.040 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

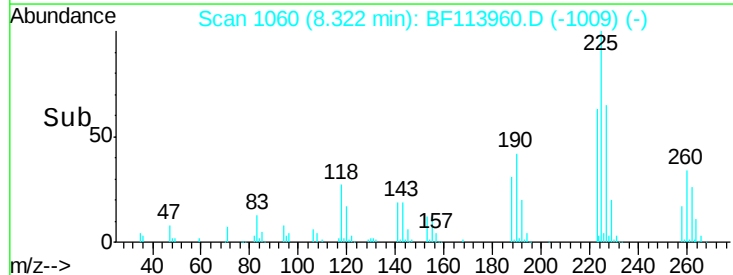
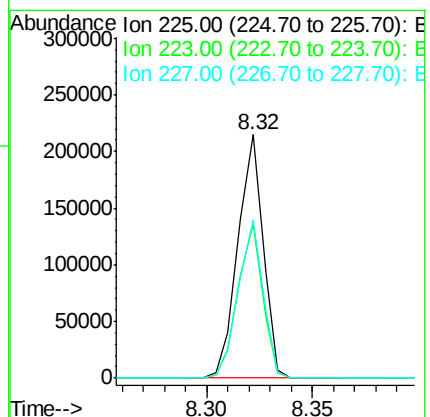
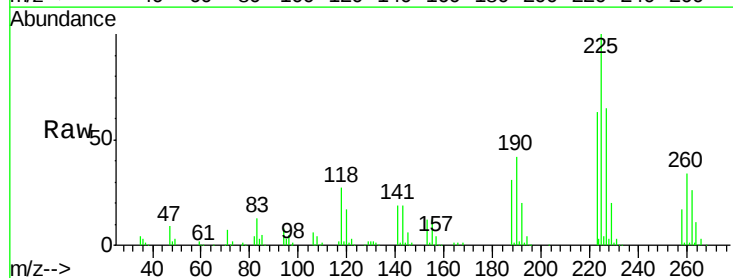
Instrument :  
BNA\_F  
ClientSampleId :

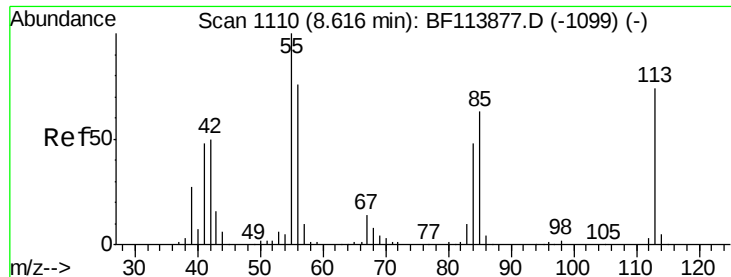
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 205395 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 26.4  | 39.6   |
| 65       | 29.6  | 24.9  | 37.3   |
| 92       | 19.5  | 15.9  | 23.9   |



#34  
Hexachlorobutadiene  
Concen: 34.561 ng  
RT: 8.32 min Scan# 1060  
Delta R.T. 0.00 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 177460 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 51.1  | 76.7   |
| 227      | 65.1  | 49.9  | 74.9   |





#35

Caprolactam

Concen: 29.617 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :  
BNA\_F  
ClientSampleId :

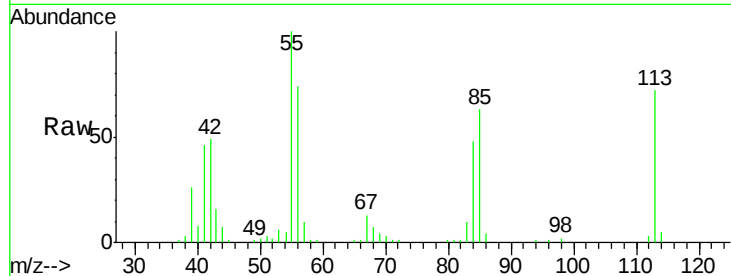
Tot Ion:113 Resp: 69599

Ion Ratio Lower Upper

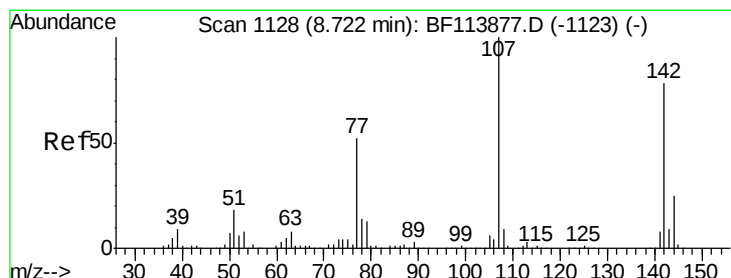
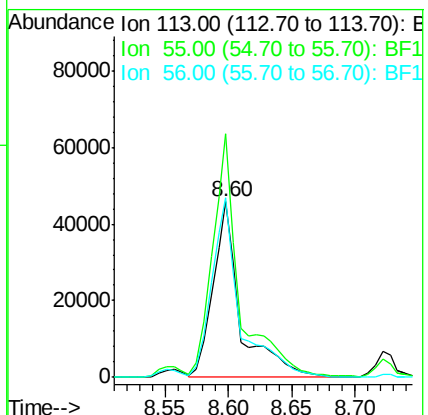
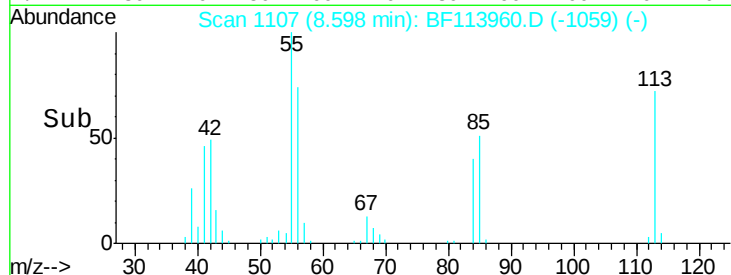
113 100

55 138.9 128.6 168.6

56 102.7 91.9 131.9



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



#36

4-Chloro-3-methylphenol

Concen: 34.997 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

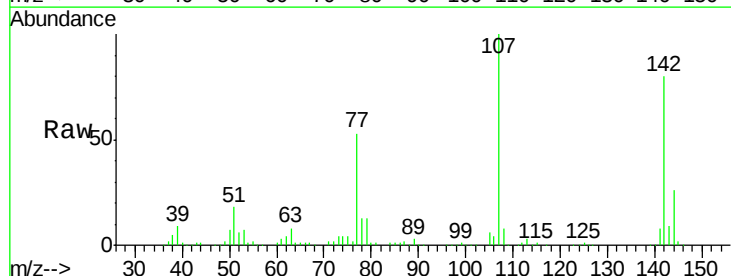
Tgt Ion:107 Resp: 256134

Ion Ratio Lower Upper

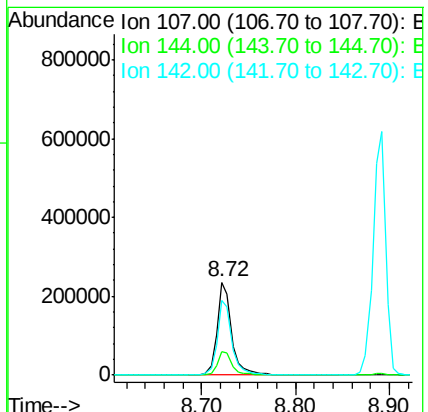
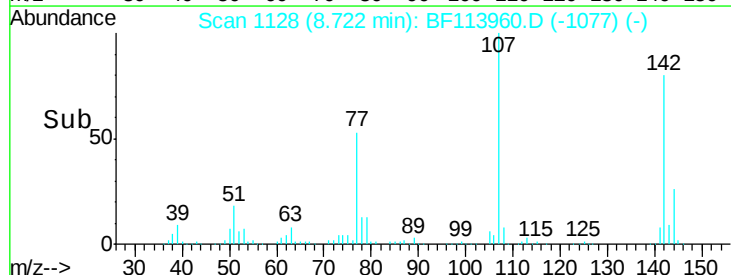
107 100

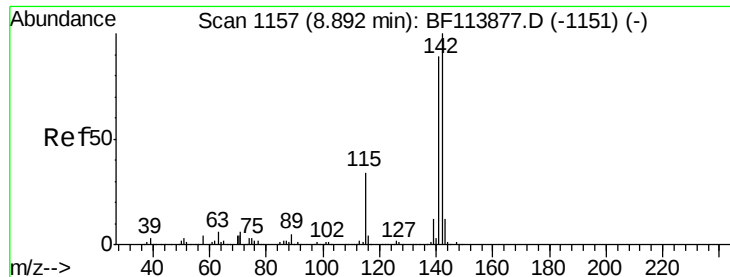
144 25.9 20.5 30.7

142 80.1 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E

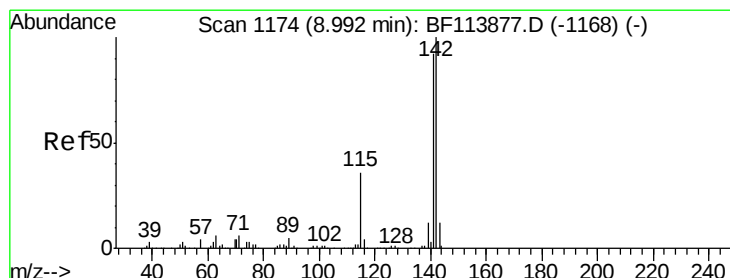
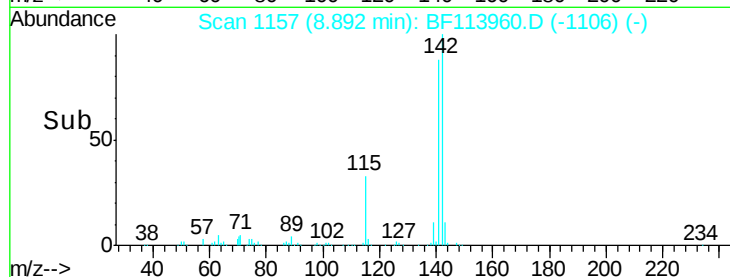
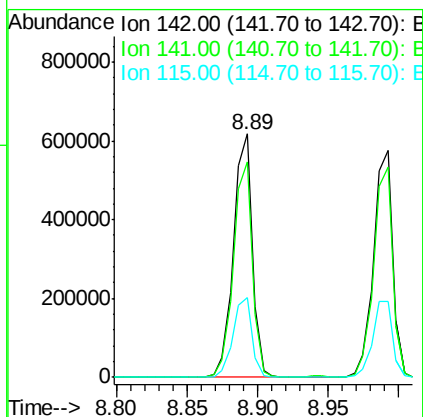
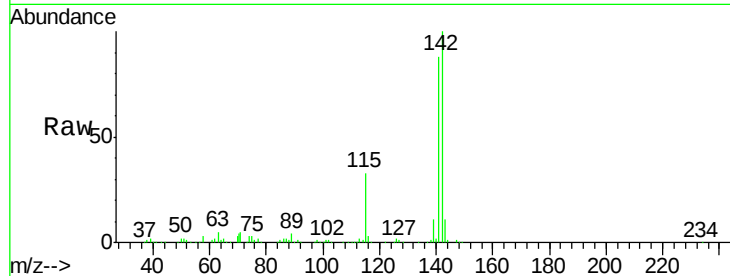




#37  
2-Methylnaphthalene  
Concen: 37.081 ng  
RT: 8.89 min Scan# 1157  
Delta R.T. 0.00 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

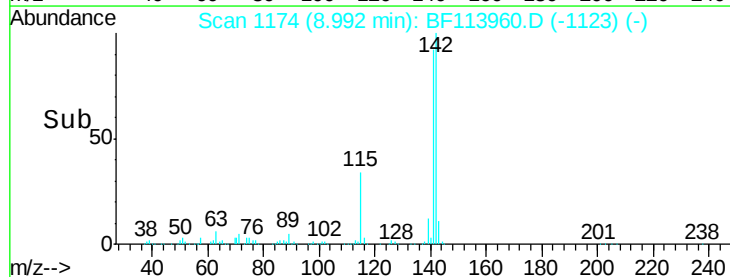
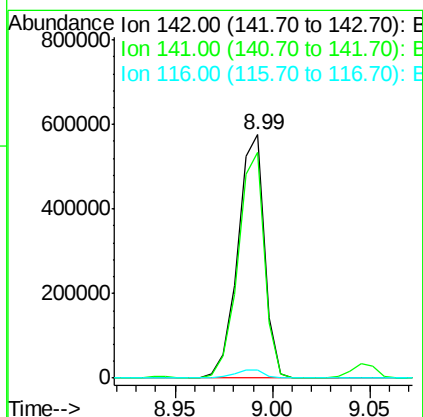
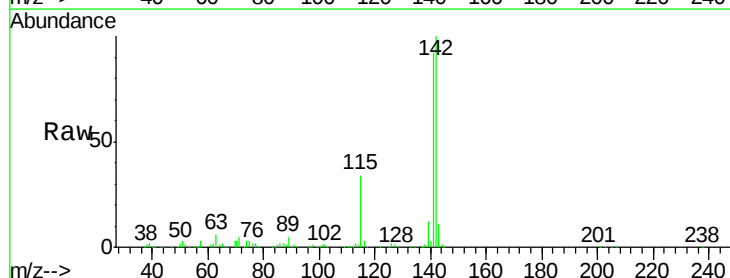
Instrument :  
BNA\_F  
ClientSampleId :

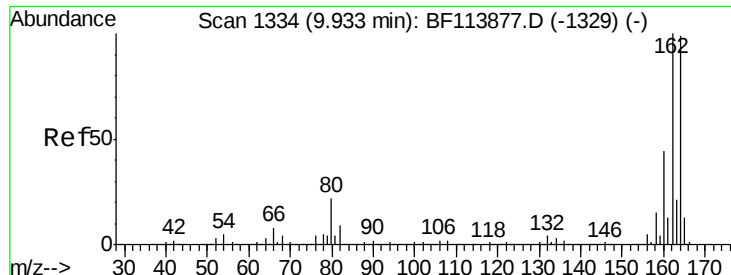
Tot Ion:142 Resp: 576911  
Ion Ratio Lower Upper  
142 100  
141 88.3 70.4 105.6  
115 32.7 26.3 39.5



#38  
1-Methylnaphthalene  
Concen: 36.309 ng  
RT: 8.99 min Scan# 1174  
Delta R.T. 0.00 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

Tgt Ion:142 Resp: 545217  
Ion Ratio Lower Upper  
142 100  
141 92.5 72.3 108.5  
116 3.4 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

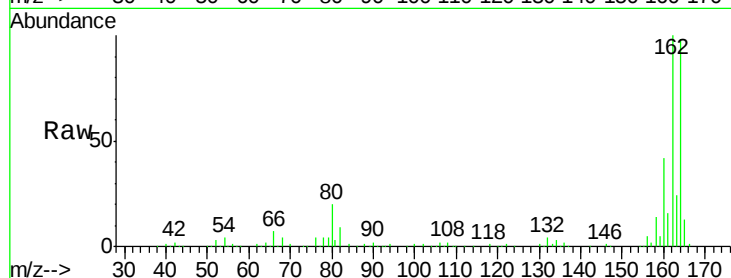
Tot Ion:164 Resp: 248173

Ion Ratio Lower Upper

164 100

162 102.3 81.1 121.7

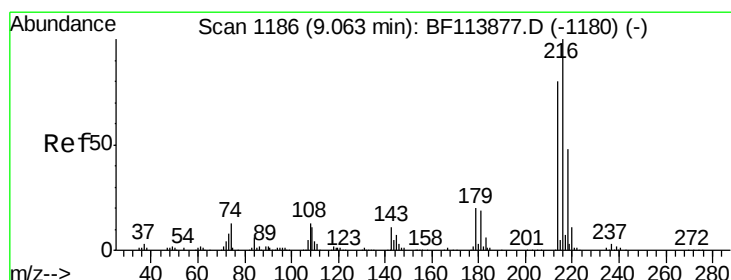
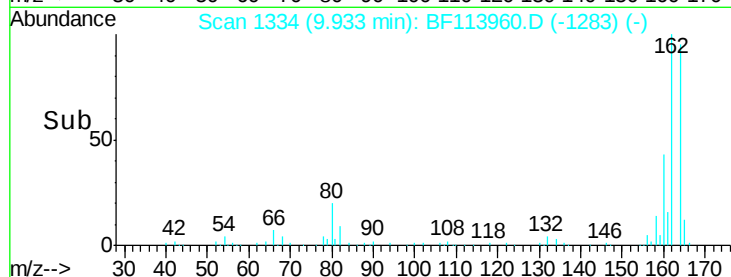
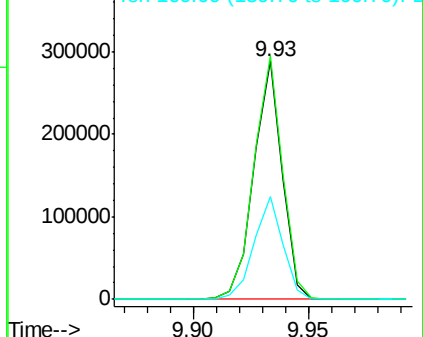
160 43.5 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.215 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Tgt Ion:216 Resp: 291943

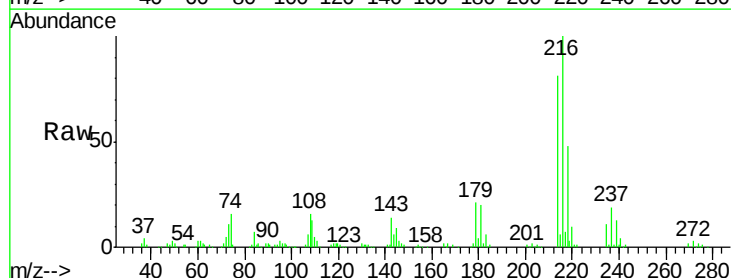
Ion Ratio Lower Upper

216 100

214 79.6 63.5 95.3

179 20.6 16.1 24.1

108 17.3 13.4 20.0

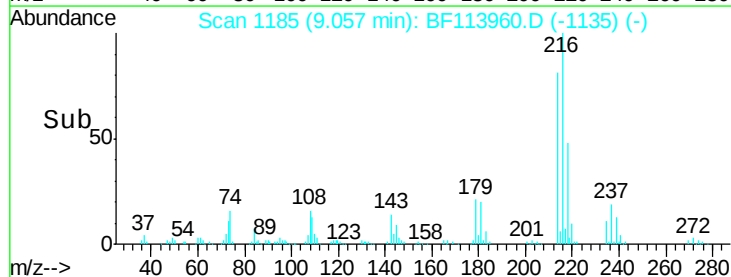
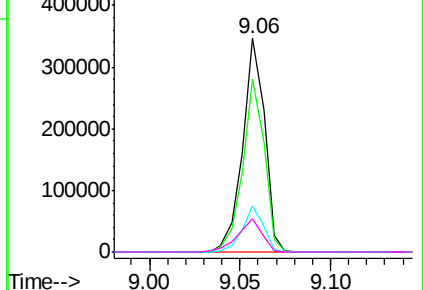


Abundance Ion 216.00 (215.70 to 216.70): E

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

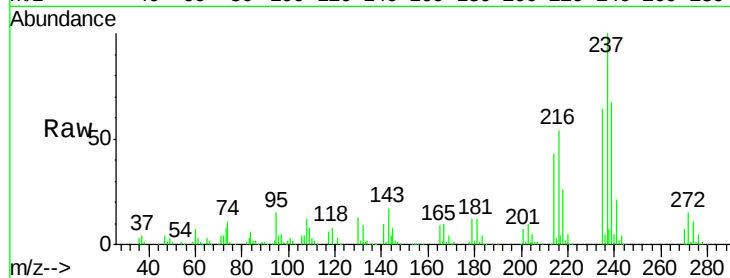




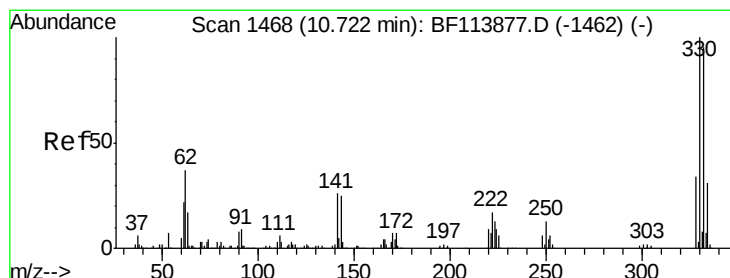
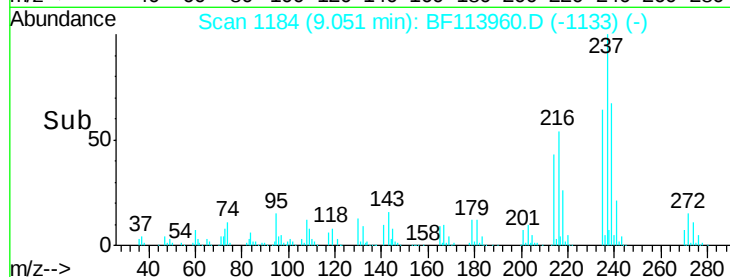
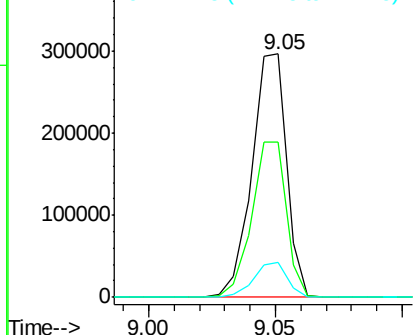
#41  
Hexachlorocyclopentadiene  
Concen: 63.141 ng  
RT: 9.05 min Scan# 1184  
Delta R.T. 0.00 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 63.6  | 42.6  | 82.6  |
| 272     | 14.6  | 0.0   | 33.8  |

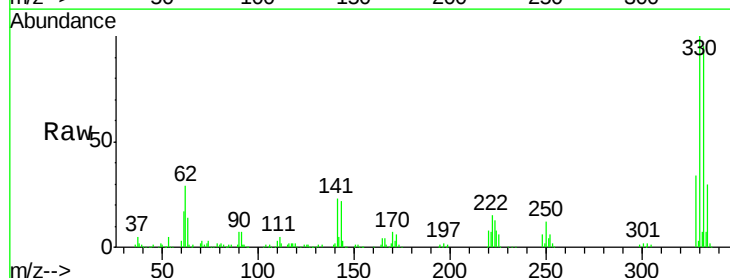


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

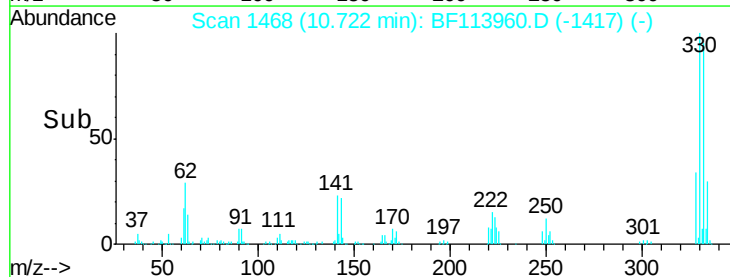
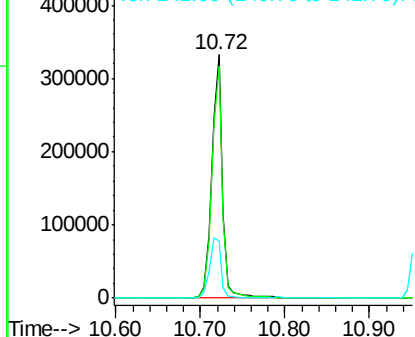


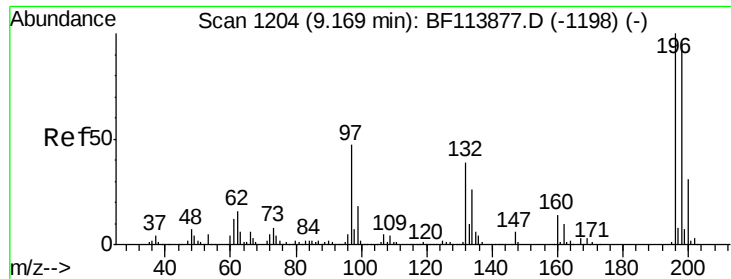
#42  
2,4,6-Tribromophenol  
Concen: 99.095 ng  
RT: 10.72 min Scan# 1468  
Delta R.T. 0.00 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.4  | 77.5  | 116.3 |
| 141     | 26.8  | 22.2  | 33.2  |



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

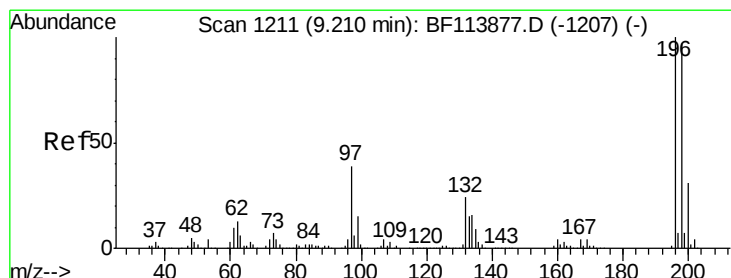
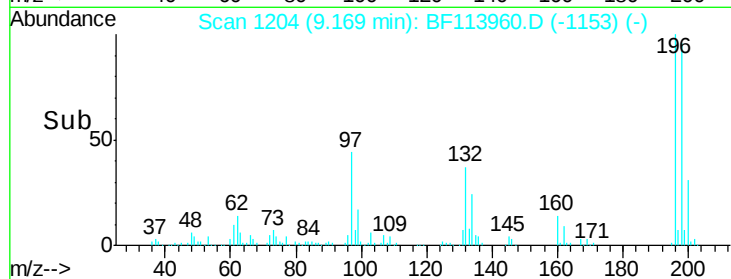
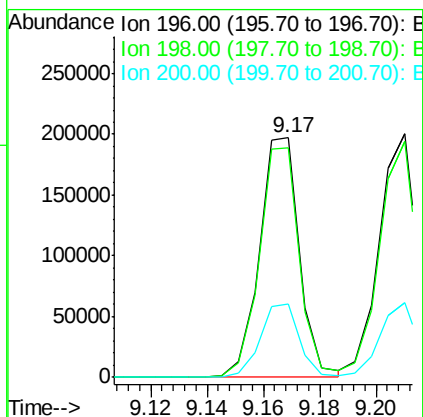
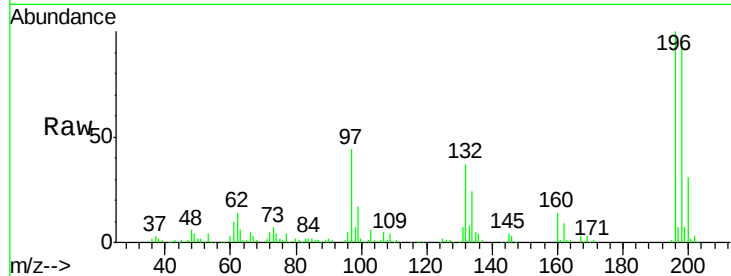




#43  
 2,4,6-Trichlorophenol  
 Concen: 37.742 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. 0.00 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

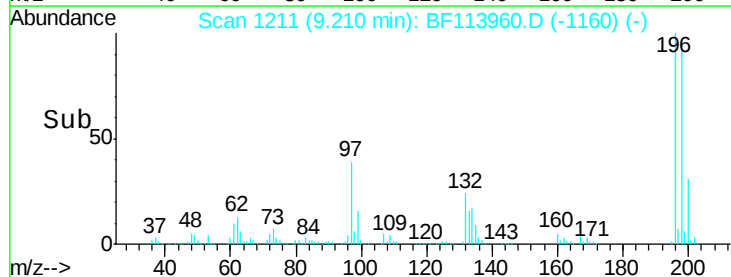
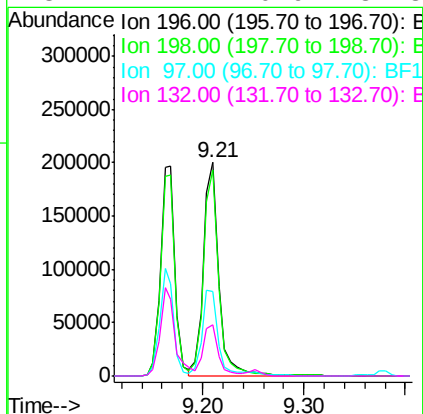
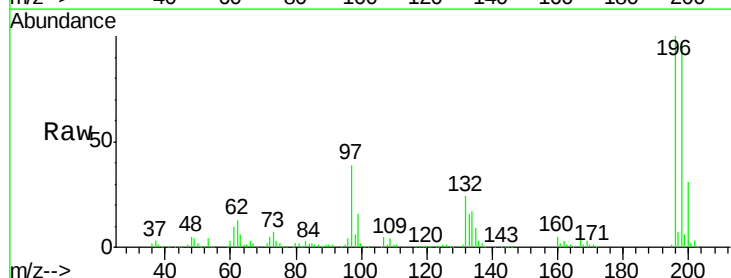
Instrument :  
 BNA\_F  
 ClientSampleId :

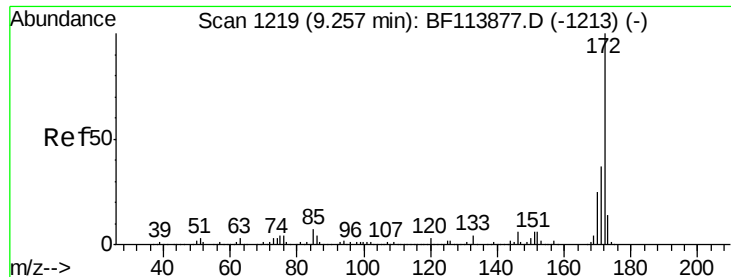
Tot Ion:196 Resp: 193201  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 75.6 113.4  
 200 30.8 24.7 37.1



#44  
 2,4,5-Trichlorophenol  
 Concen: 36.623 ng  
 RT: 9.21 min Scan# 1211  
 Delta R.T. 0.00 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

Tgt Ion:196 Resp: 210276  
 Ion Ratio Lower Upper  
 196 100  
 198 96.7 76.2 114.4  
 97 39.5 35.8 53.8  
 132 24.2 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 70.643 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

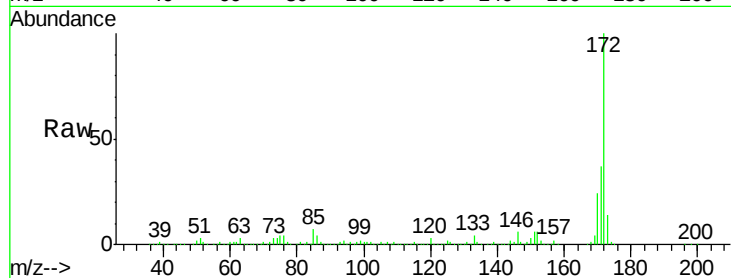
Tot Ion:172 Resp: 1120936

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

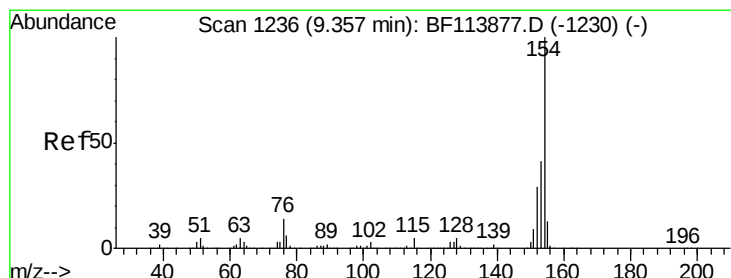
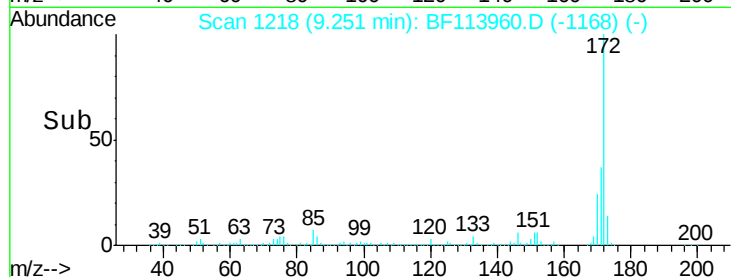
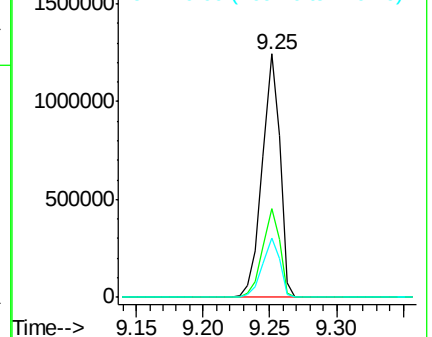
170 24.4 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 37.740 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

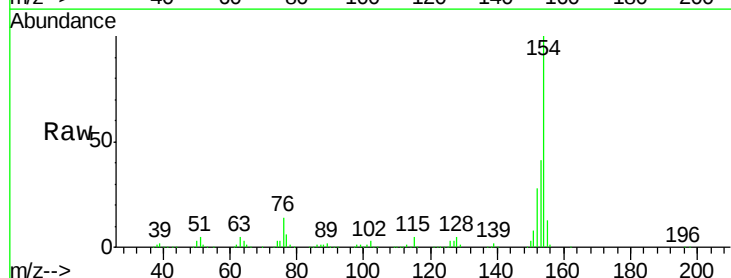
Tgt Ion:154 Resp: 715495

Ion Ratio Lower Upper

154 100

153 40.9 20.8 60.8

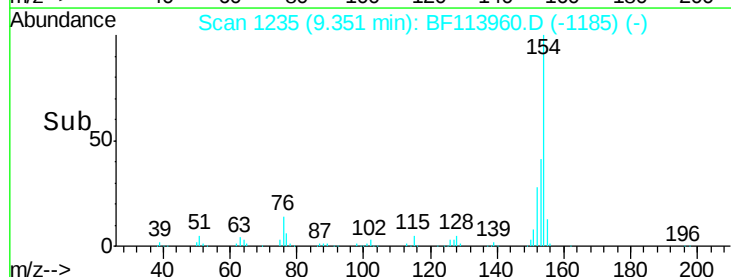
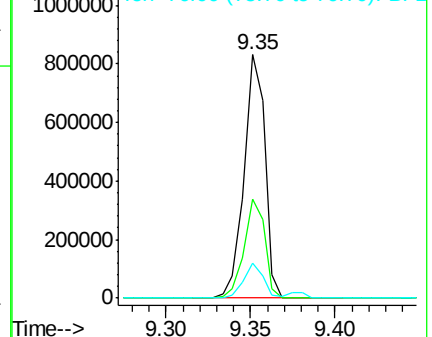
76 14.2 0.0 35.2

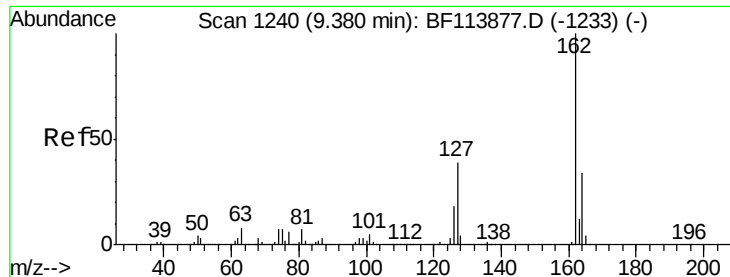


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

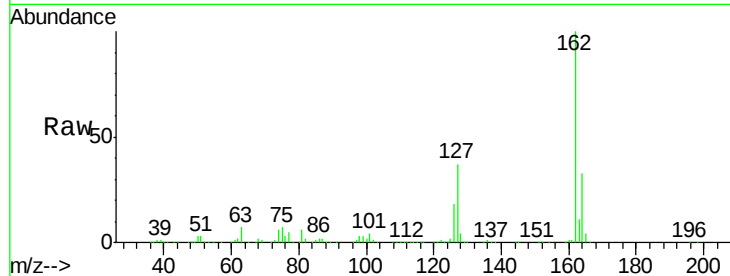




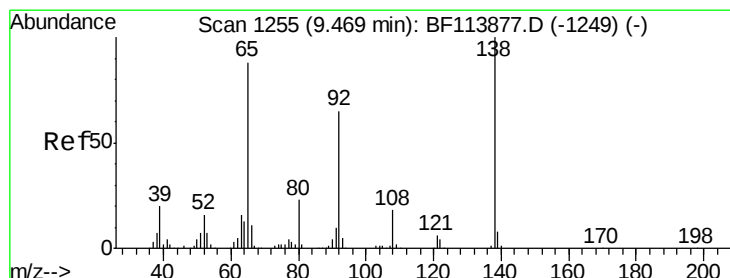
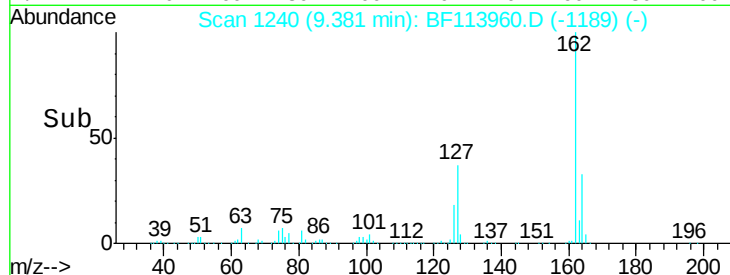
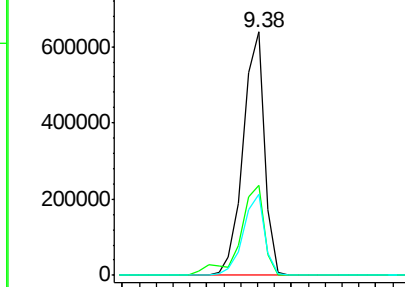
#47  
 2-Chloronaphthalene  
 Concen: 36.636 ng  
 RT: 9.38 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 162   | Resp: | 564837 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 36.7  | 29.3  | 43.9   |
| 164      | 33.3  | 27.1  | 40.7   |

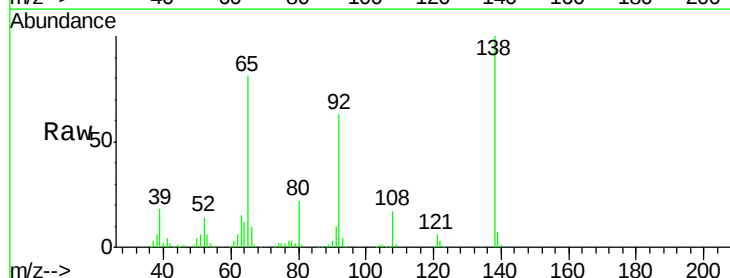


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

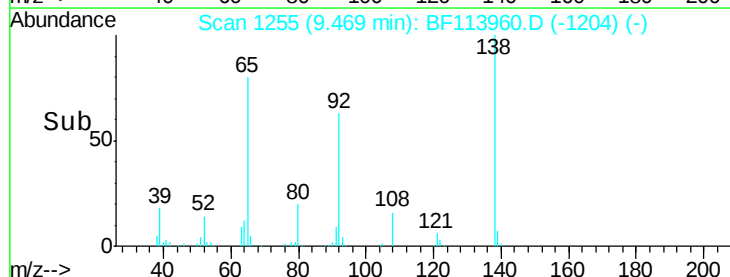
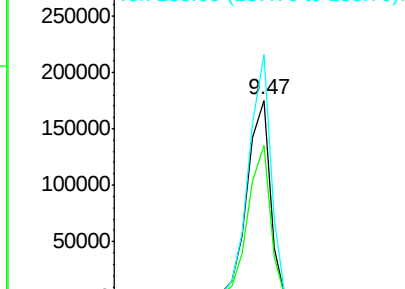


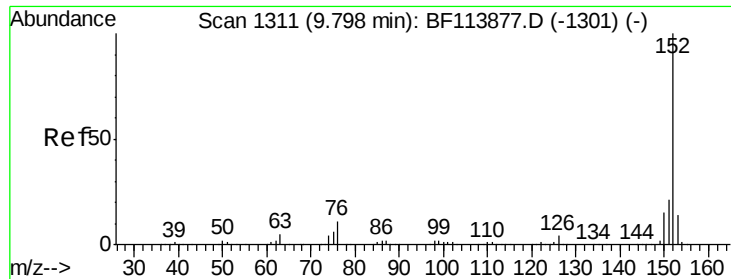
#48  
 2-Nitroaniline  
 Concen: 38.533 ng  
 RT: 9.47 min Scan# 1255  
 Delta R.T. 0.00 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 155736 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 77.1  | 57.4  | 86.0   |
| 138      | 123.2 | 85.4  | 128.0  |



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





#49

Acenaphthylene

Concen: 36.387 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

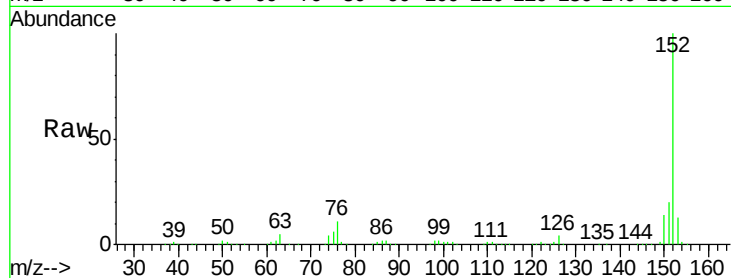
Tot Ion:152 Resp: 878260

Ion Ratio Lower Upper

152 100

151 20.2 17.0 25.4

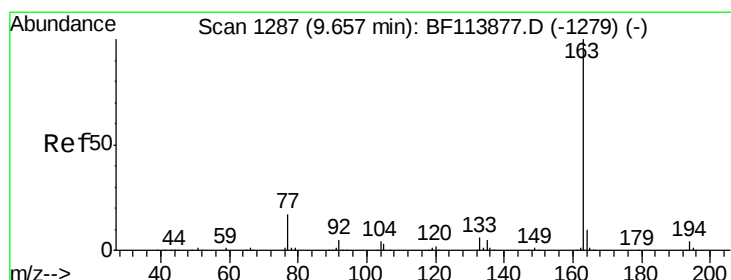
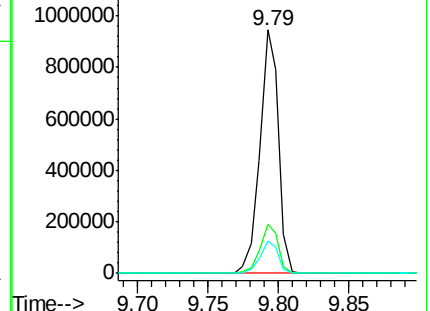
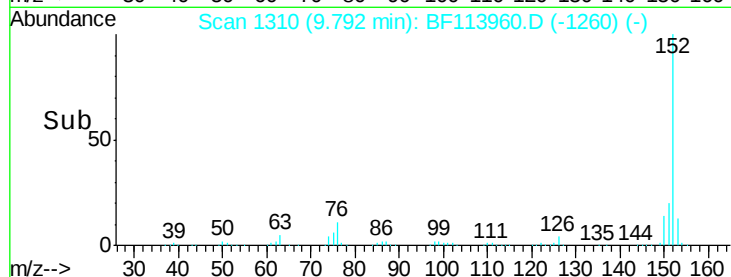
153 13.4 11.0 16.6



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: 46.153 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

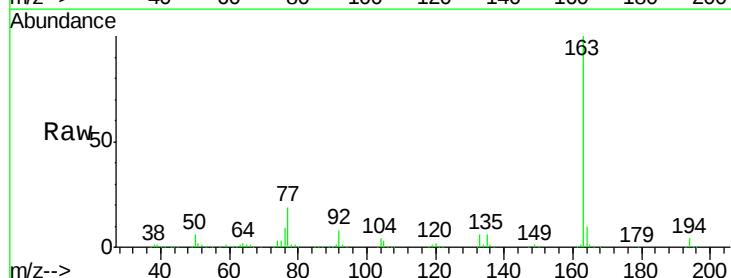
Tgt Ion:163 Resp: 828362

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

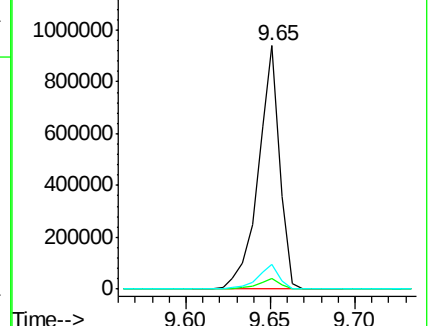
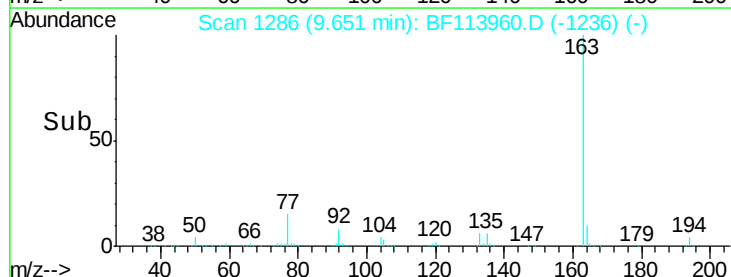
164 10.3 8.5 12.7

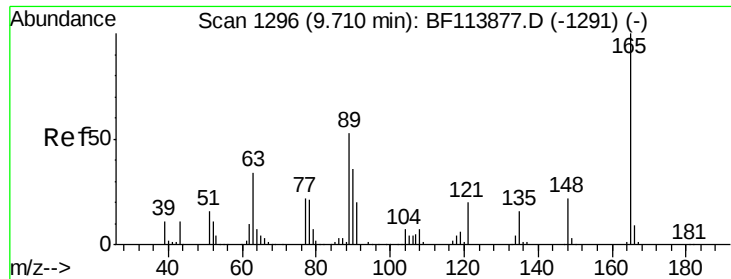


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

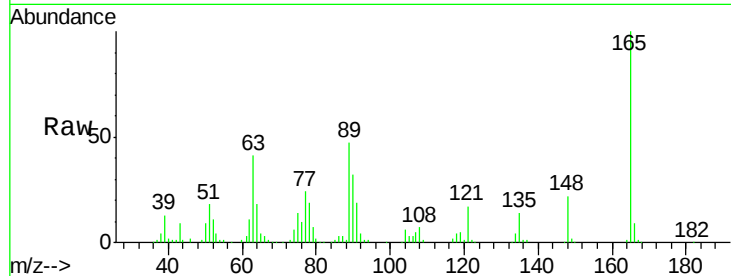




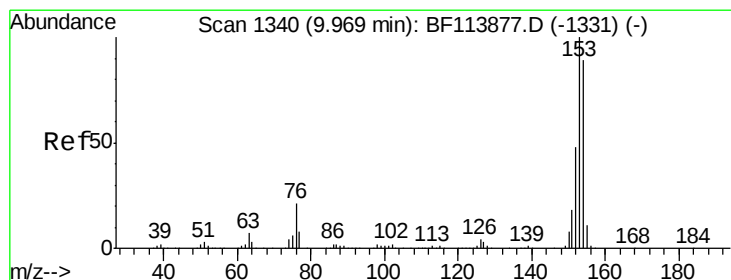
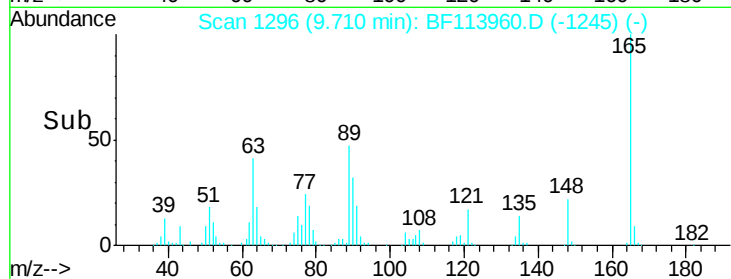
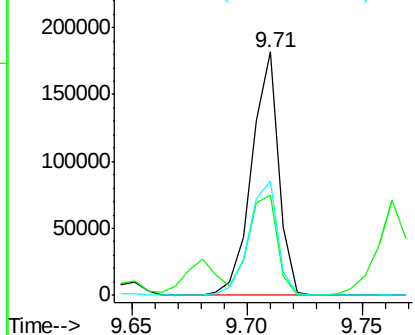
#51  
 2,6-Dinitrotoluene  
 Concen: 38.667 ng  
 RT: 9.71 min Scan# 1296  
 Delta R.T. 0.00 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 41.2  | 33.8  | 50.8  |
| 89      | 46.8  | 38.2  | 57.2  |

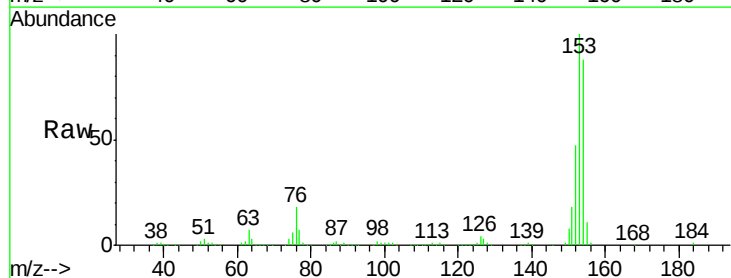


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

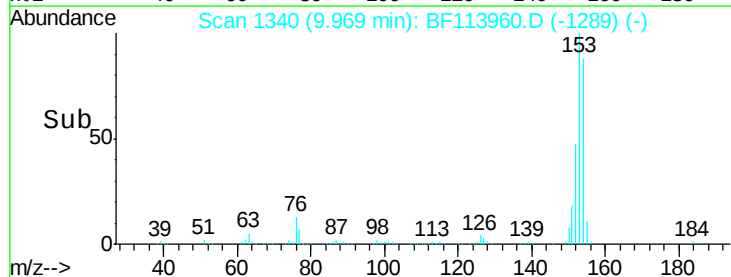
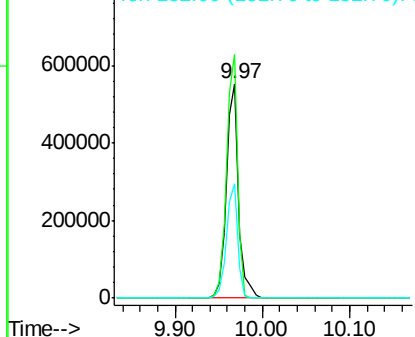


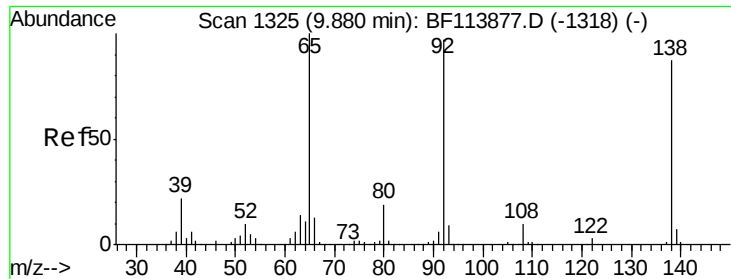
#52  
 Acenaphthene  
 Concen: 37.389 ng  
 RT: 9.97 min Scan# 1340  
 Delta R.T. 0.00 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.5 | 87.2  | 130.8 |
| 152     | 53.2  | 42.3  | 63.5  |



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E

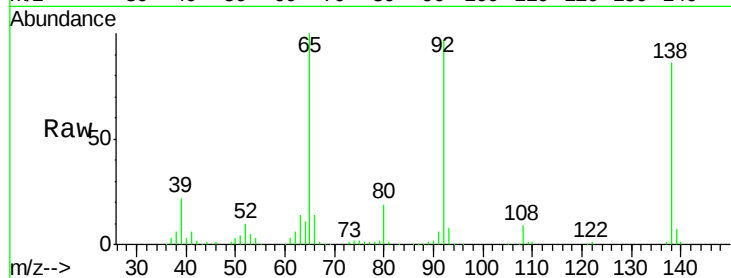




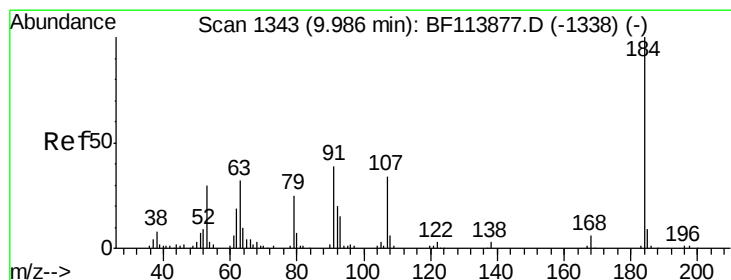
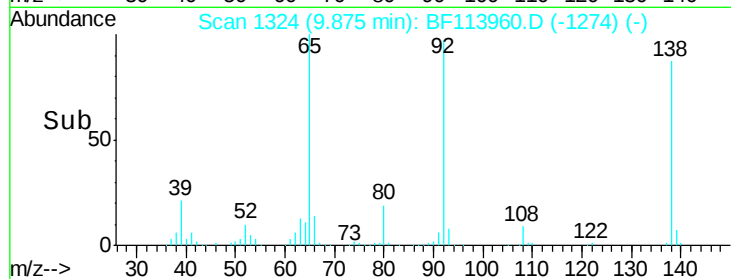
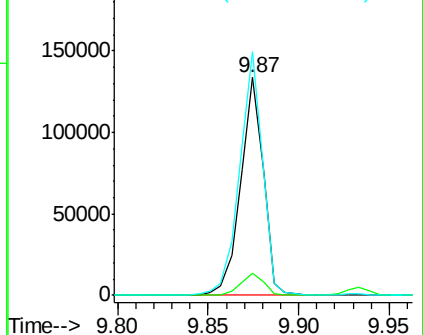
#53  
3-Nitroaniline  
Concen: 28.577 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 115631  
Ion Ratio Lower Upper  
138 100  
108 10.0 9.4 14.2  
92 111.9 94.1 141.1

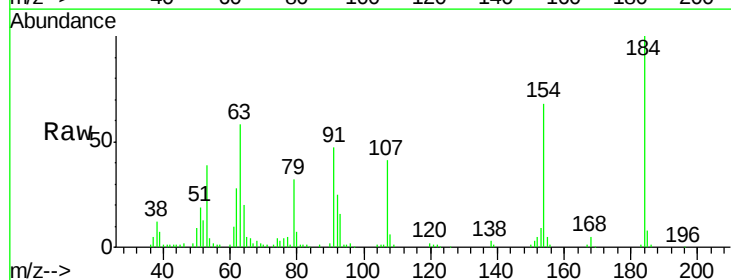


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

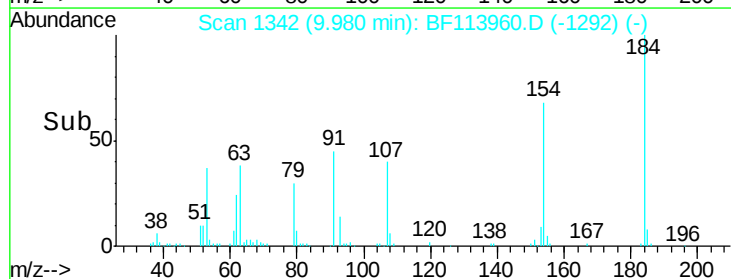
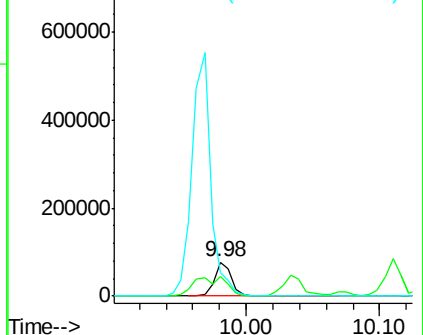


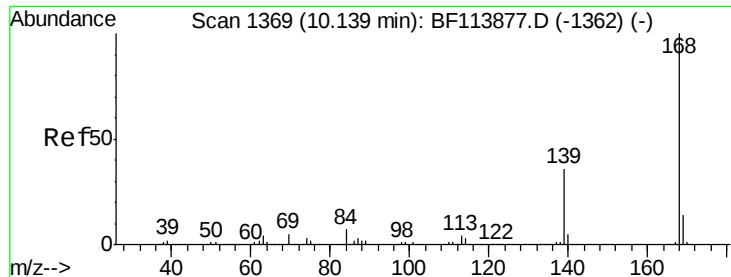
#54  
2,4-Dinitrophenol  
Concen: 46.000 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. -0.01 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

Tgt Ion:184 Resp: 70060  
Ion Ratio Lower Upper  
184 100  
63 58.2 54.6 81.8  
154 68.0 218.6 328.0#



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

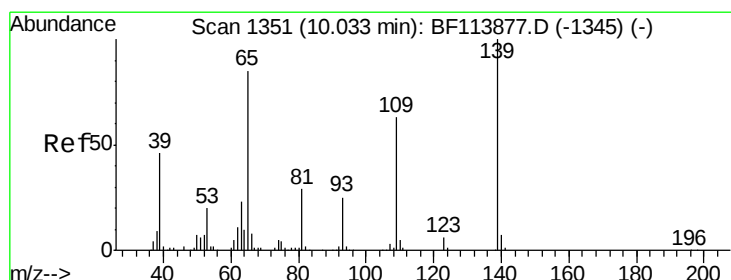
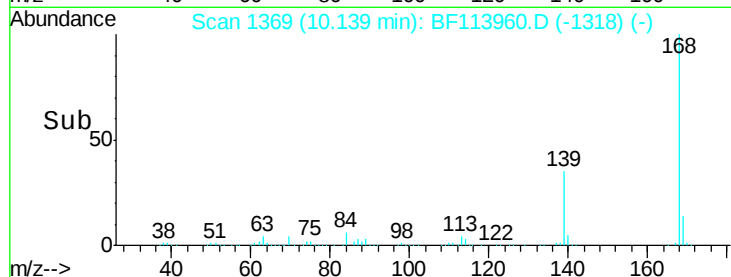
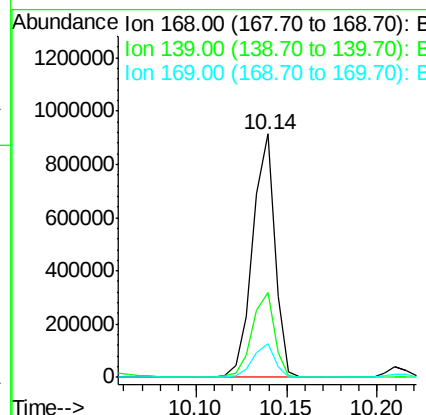
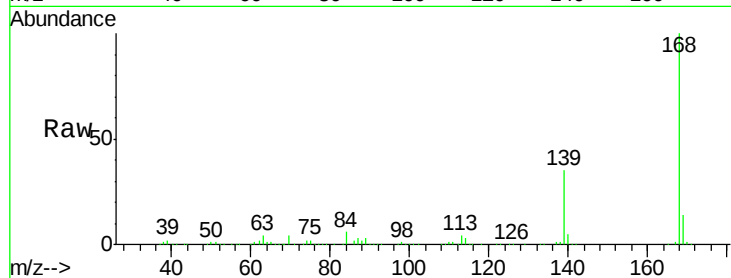




#55  
Dibenzofuran  
Concen: 36.532 ng  
RT: 10.14 min Scan# 1369  
Delta R.T. 0.00 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

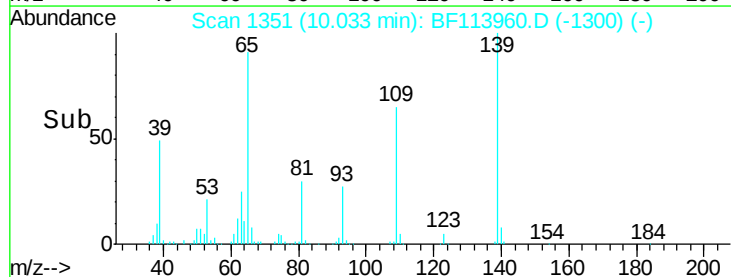
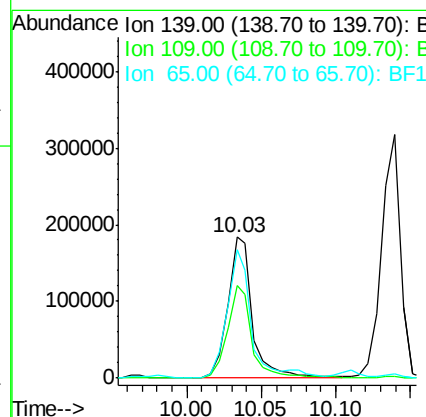
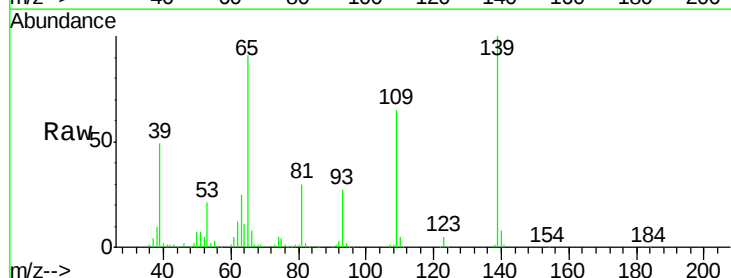
Instrument :  
BNA\_F  
ClientSampleId :

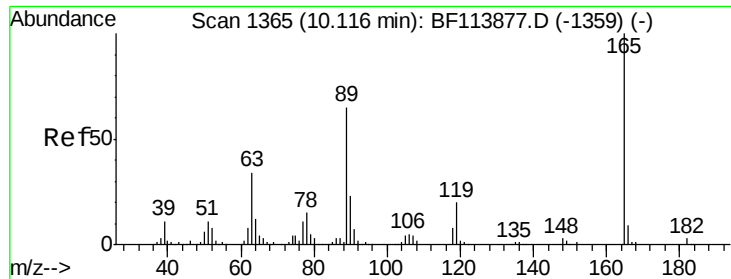
Tot Ion:168 Resp: 780569  
Ion Ratio Lower Upper  
168 100  
139 34.7 27.8 41.6  
169 13.8 11.0 16.6



#56  
4-Nitrophenol  
Concen: 67.326 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. 0.00 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

Tgt Ion:139 Resp: 215695  
Ion Ratio Lower Upper  
139 100  
109 65.3 42.9 82.9  
65 90.9 64.4 104.4

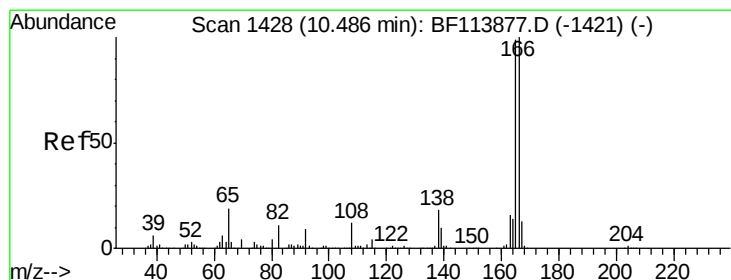
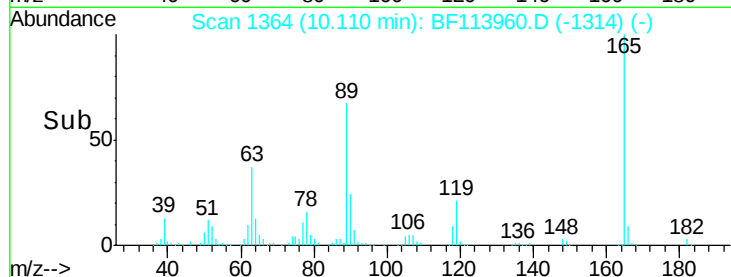
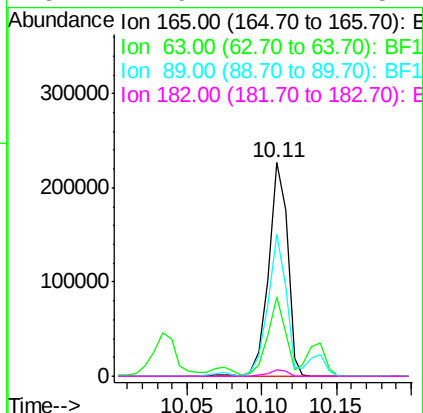
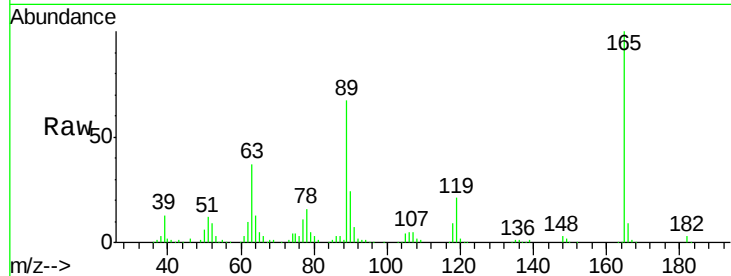




#57  
2,4-Dinitrotoluene  
Concen: 40.685 ng  
RT: 10.11 min Scan# 1364  
Delta R.T. -0.01 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

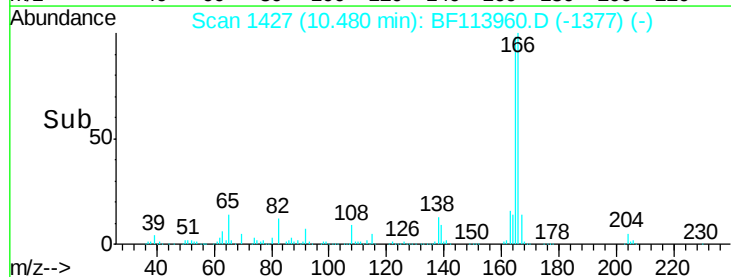
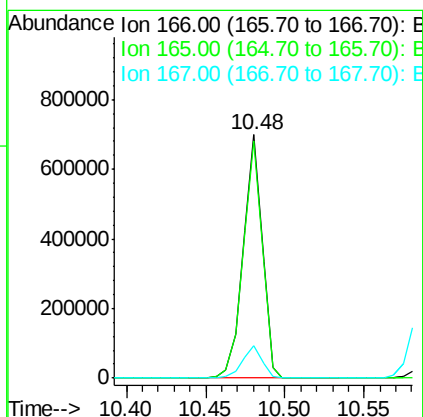
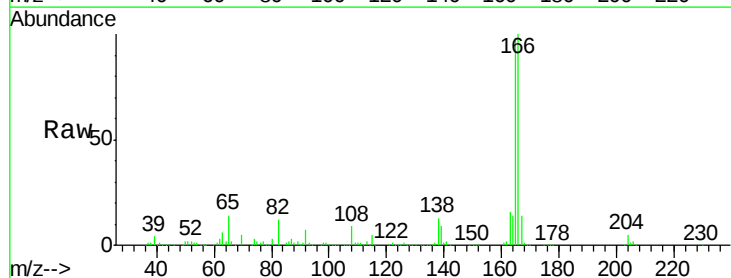
Instrument :  
BNA\_F  
ClientSampled :

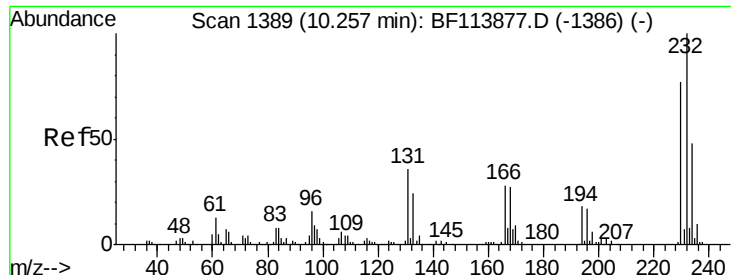
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 37.4  | 27.4  | 41.0  |
| 89      | 66.5  | 51.8  | 77.6  |
| 182     | 2.9   | 2.2   | 3.2   |



#58  
Fluorene  
Concen: 36.265 ng  
RT: 10.48 min Scan# 1427  
Delta R.T. -0.01 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.7  | 78.4  | 117.6 |
| 167     | 13.5  | 10.9  | 16.3  |





#59

2,3,4,6-Tetrachlorophenol

Concen: 34.521 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:232 Resp: 174182

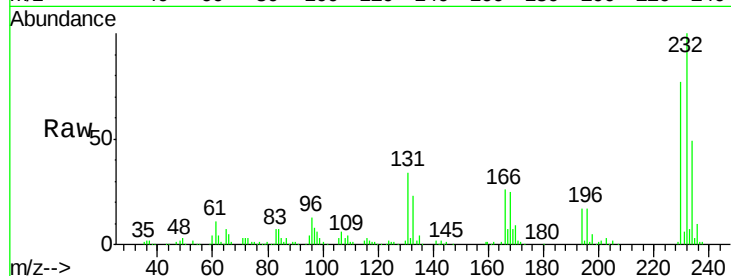
Ion Ratio Lower Upper

232 100

131 35.9 30.2 45.2

130 1.7 1.5 2.3

166 26.5 22.2 33.4

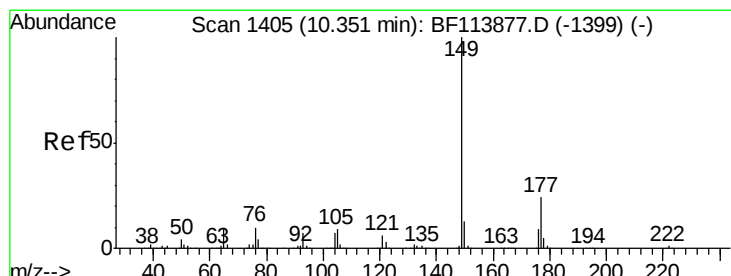
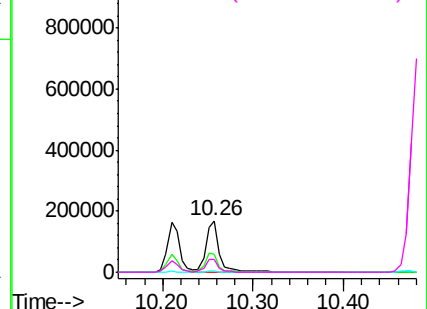
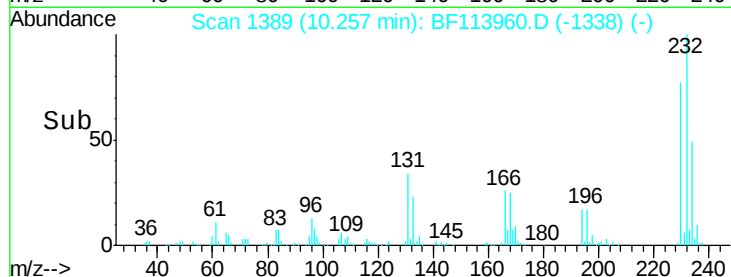


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 36.442 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

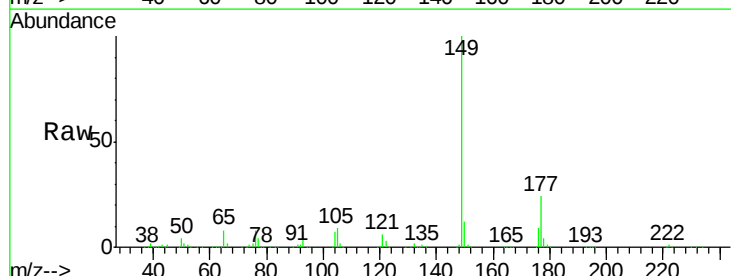
Tgt Ion:149 Resp: 621119

Ion Ratio Lower Upper

149 100

177 24.1 19.2 28.8

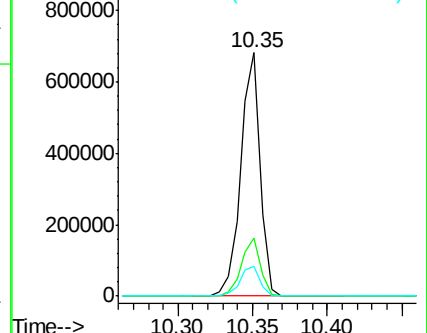
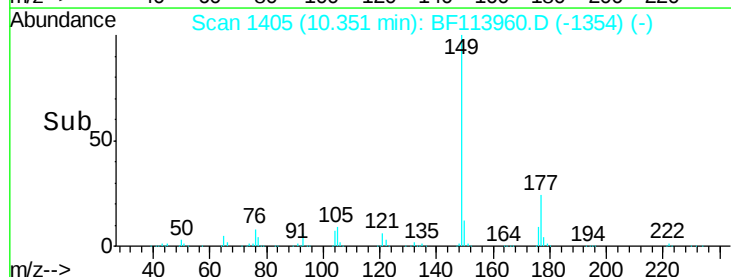
150 12.3 10.3 15.5

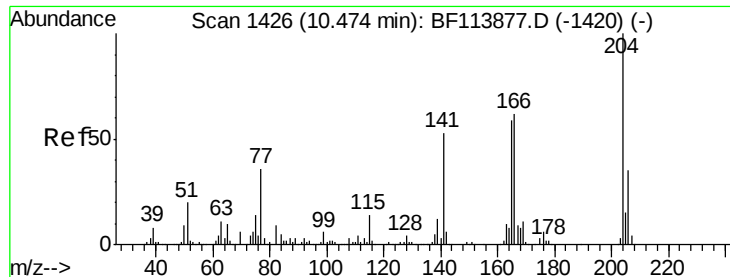


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

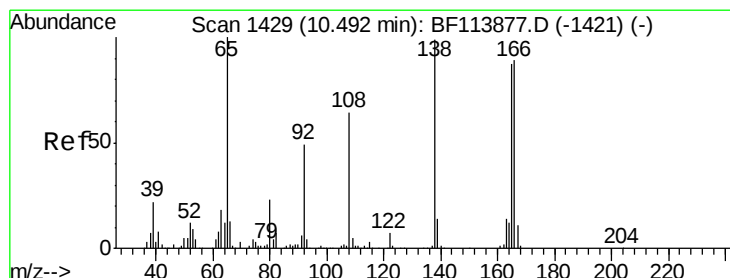
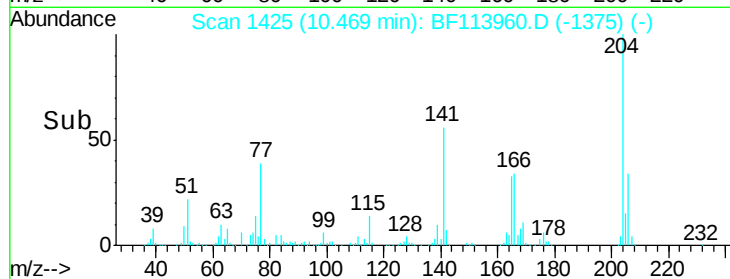
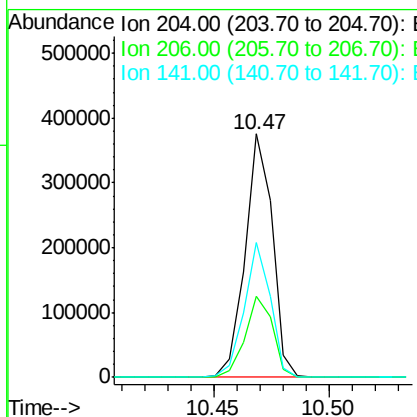
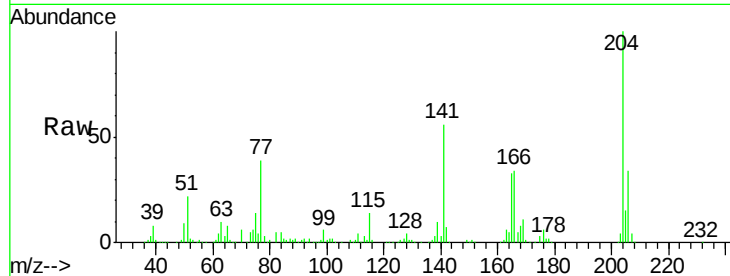




#61  
 4-Chlorophenyl-phenylether  
 Concen: 36.391 ng  
 RT: 10.47 min Scan# 1425  
 Delta R.T. -0.01 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

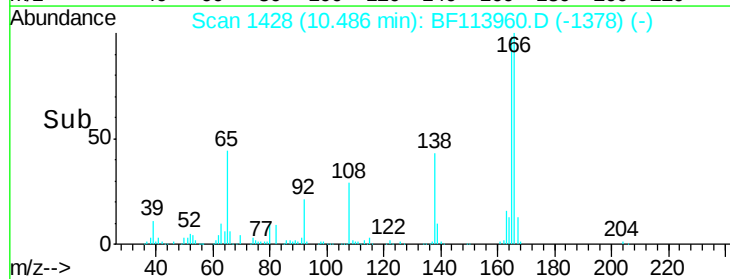
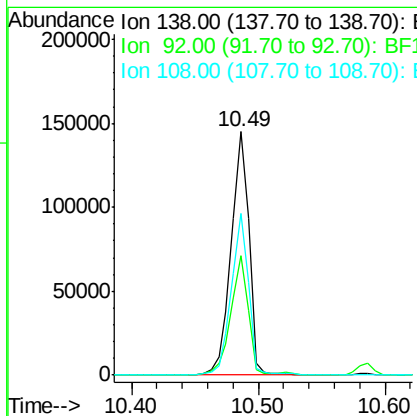
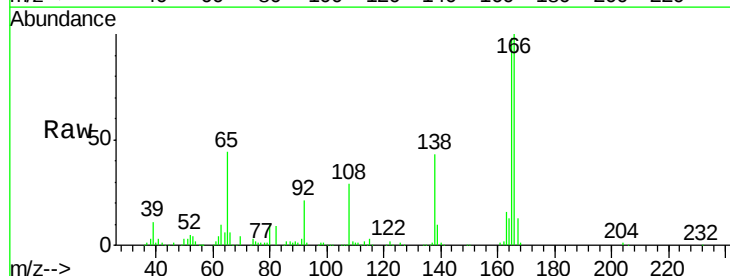
Instrument :  
 BNA\_F  
 ClientSampleId :

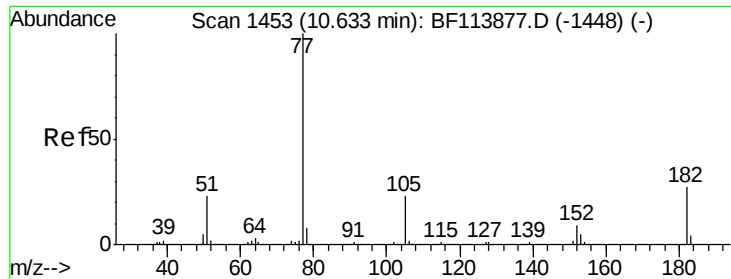
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 204   | Resp: | 310025 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 33.5  | 27.4  | 41.2   |
| 141      | 55.6  | 42.6  | 63.8   |



#62  
 4-Nitroaniline  
 Concen: 35.650 ng  
 RT: 10.49 min Scan# 1428  
 Delta R.T. -0.01 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 140769 |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 49.2  | 31.3  | 71.3   |
| 108      | 66.5  | 48.9  | 88.9   |





#63

Azobenzene

Concen: 34.933 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 577059

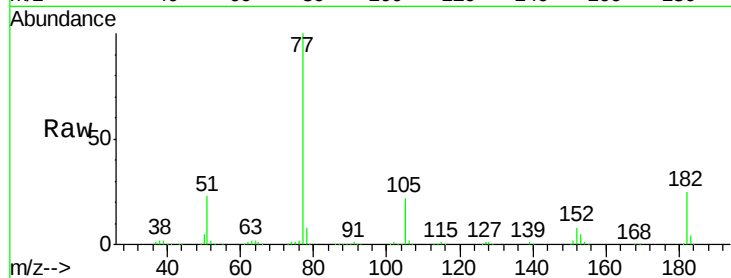
Ion Ratio Lower Upper

77 100

182 25.1 4.4 44.4

105 21.6 2.2 42.2

51 23.4 3.9 43.9

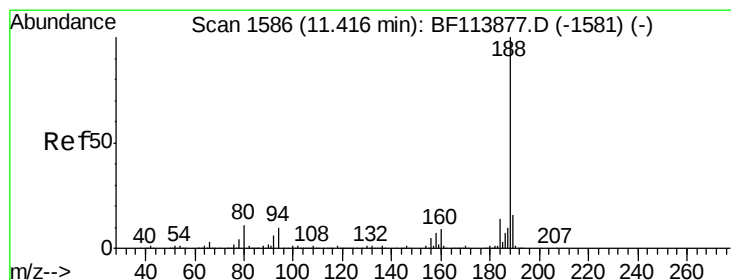
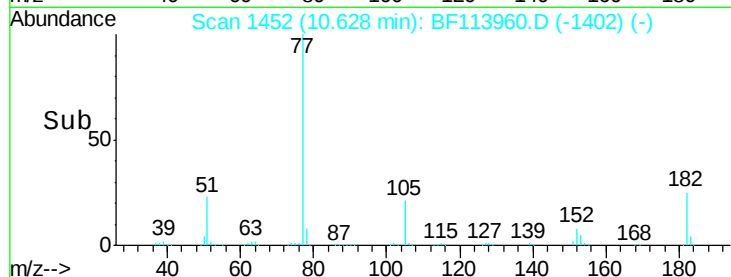
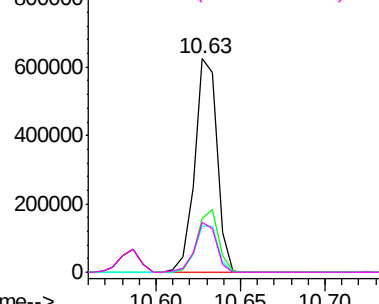


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

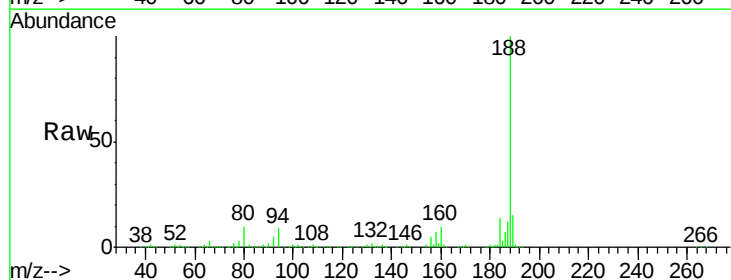
Tgt Ion: 188 Resp: 460626

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.4

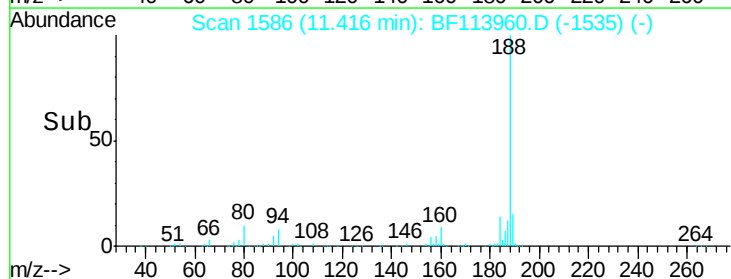
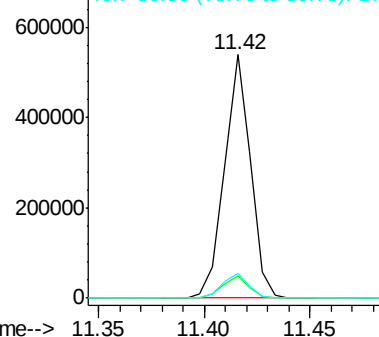
80 10.2 9.0 13.6

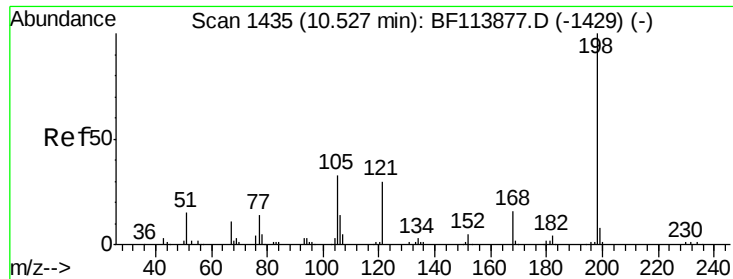


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 31.978 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

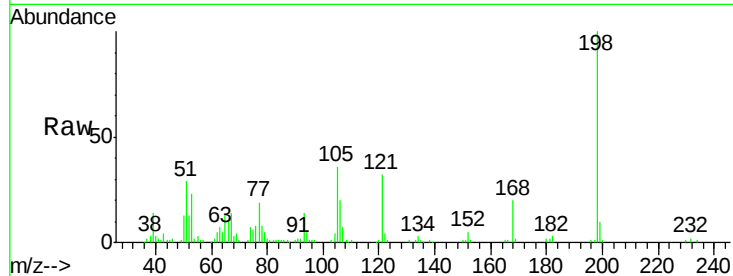
Tot Ion:198 Resp: 61439

Ion Ratio Lower Upper

198 100

51 29.3 11.1 51.1

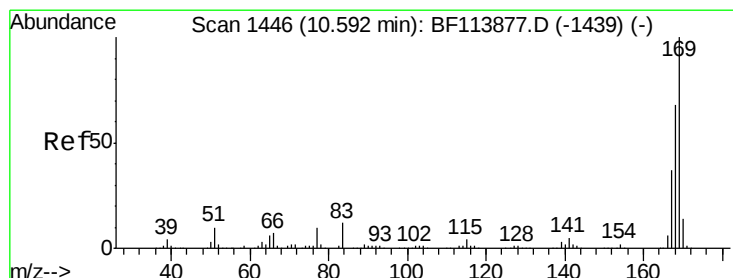
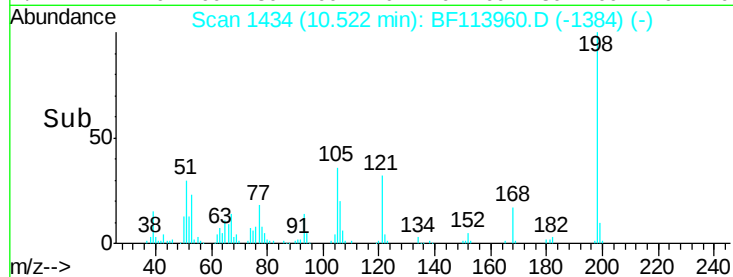
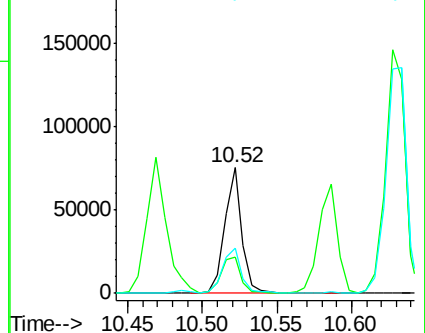
105 36.2 20.7 60.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.368 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

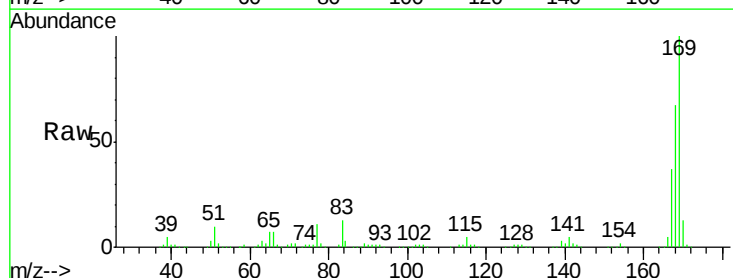
Tgt Ion:169 Resp: 530297

Ion Ratio Lower Upper

169 100

168 67.1 54.3 81.5

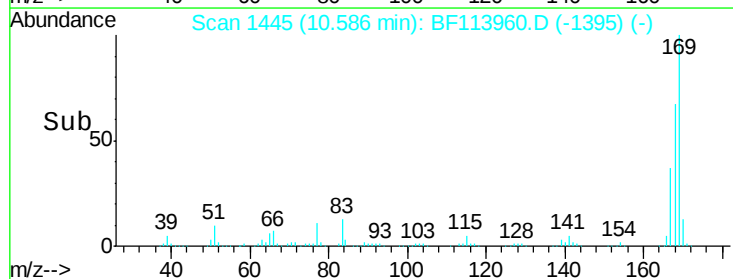
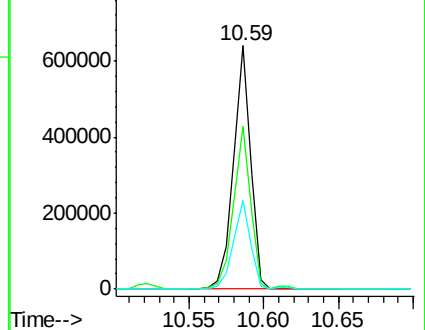
167 36.6 29.4 44.0

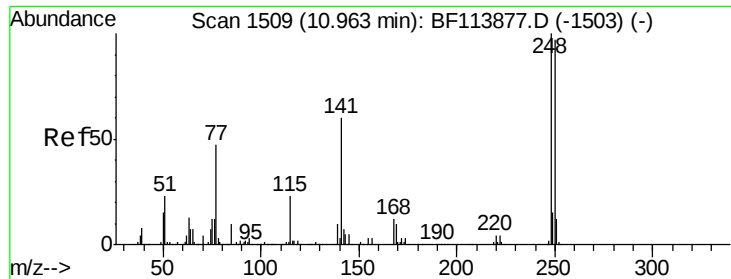


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

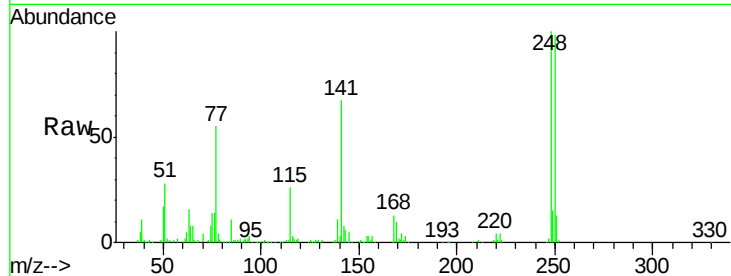




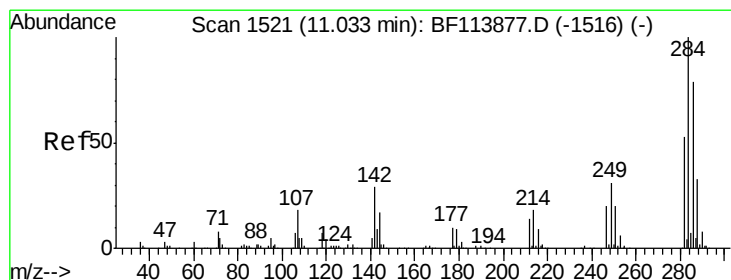
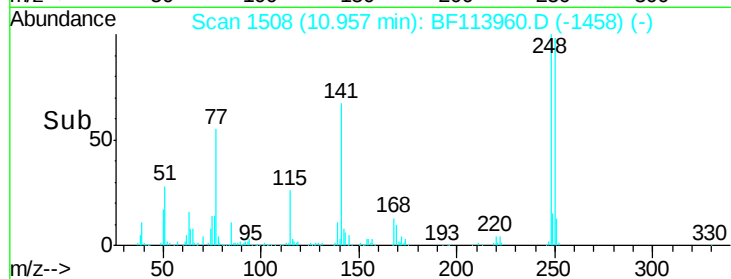
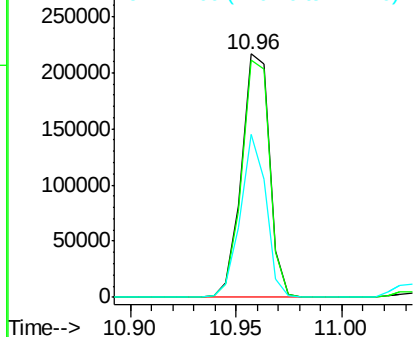
#67  
4-Bromophenyl-phenylether  
Concen: 35.861 ng  
RT: 10.96 min Scan# 1508  
Delta R.T. -0.01 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

Instrument :  
BNA\_F  
ClientSampleID :

Tot Ion:248 Resp: 199550  
Ion Ratio Lower Upper  
248 100  
250 97.6 75.8 113.6  
141 67.0 50.2 75.4

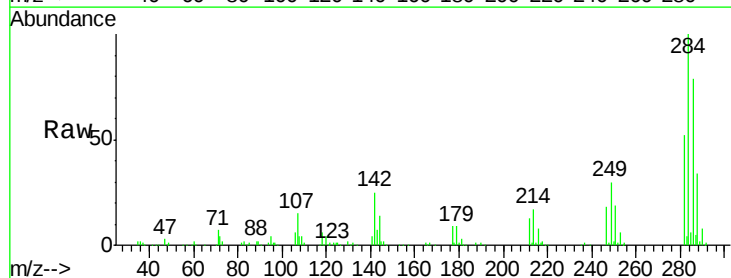


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

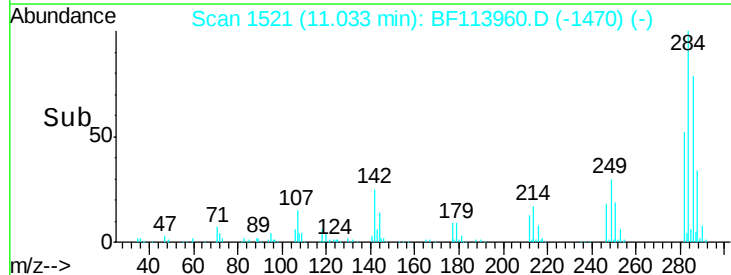
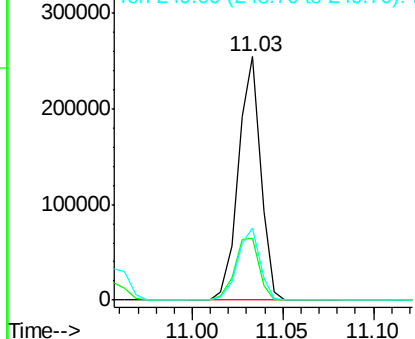


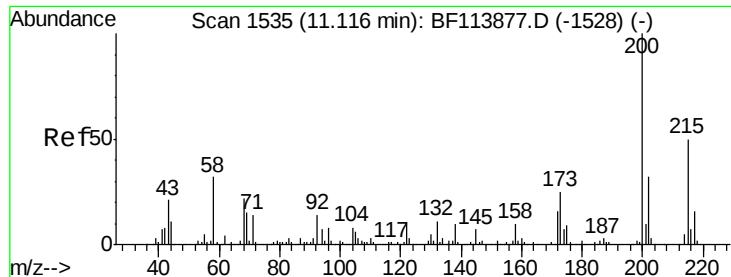
#68  
Hexachlorobenzene  
Concen: 35.519 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. 0.00 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

Tgt Ion:284 Resp: 217196  
Ion Ratio Lower Upper  
284 100  
142 25.4 23.0 34.4  
249 29.7 24.4 36.6



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

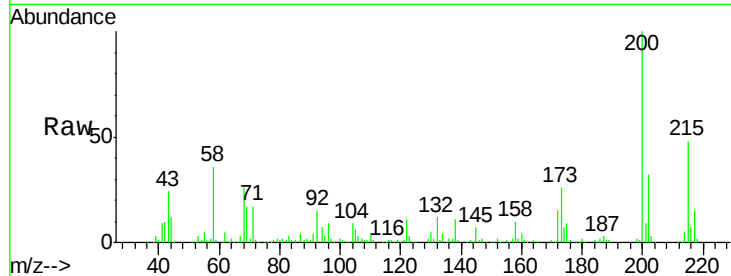




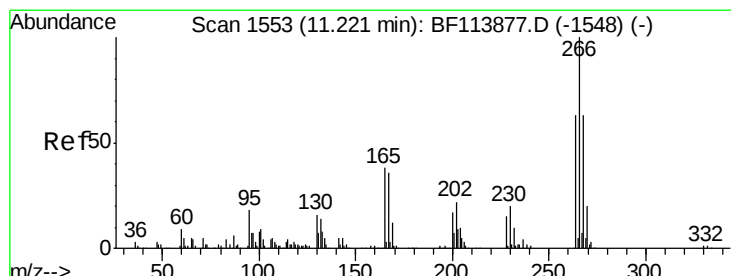
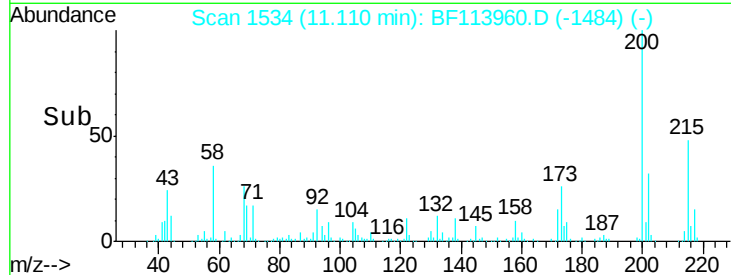
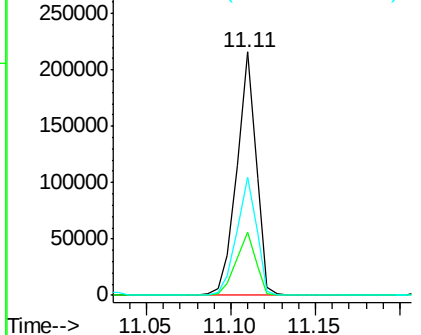
#69  
 Atrazine  
 Concen: 38.395 ng  
 RT: 11.11 min Scan# 1534  
 Delta R.T. -0.01 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.7  | 5.9   | 45.9  |
| 215     | 48.3  | 29.3  | 69.3  |

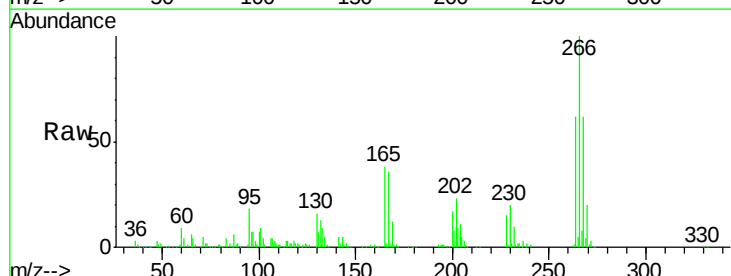


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

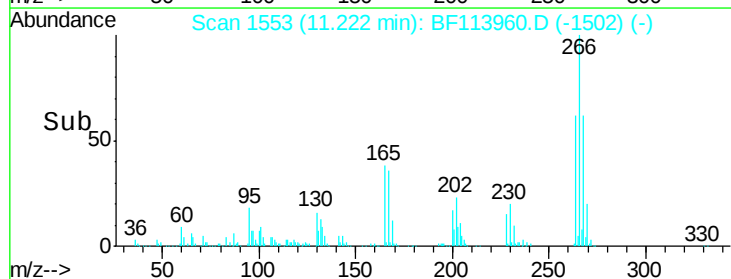
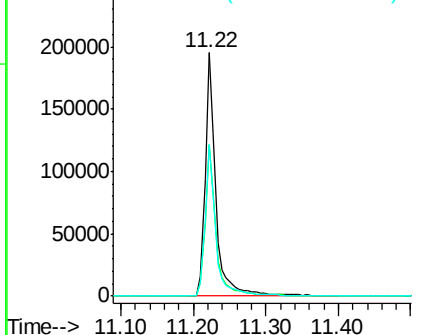


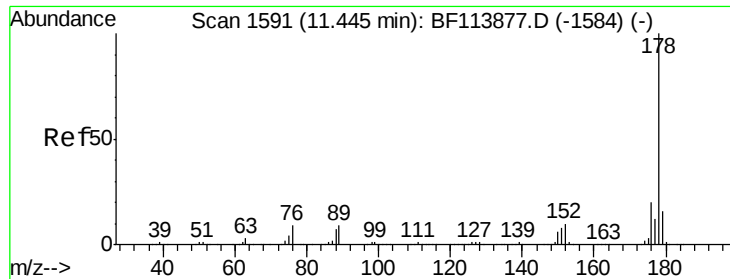
#70  
 Pentachlorophenol  
 Concen: 58.516 ng  
 RT: 11.22 min Scan# 1553  
 Delta R.T. 0.00 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.2  | 53.5  | 80.3  |
| 264     | 62.1  | 51.0  | 76.6  |



Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

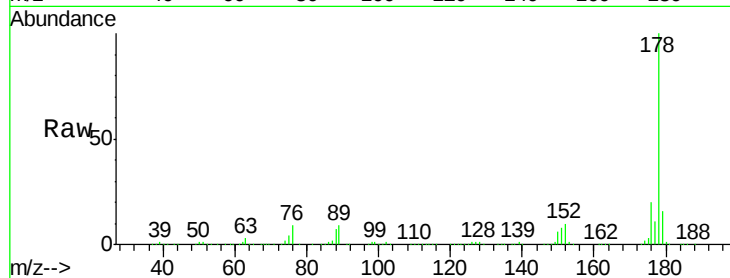




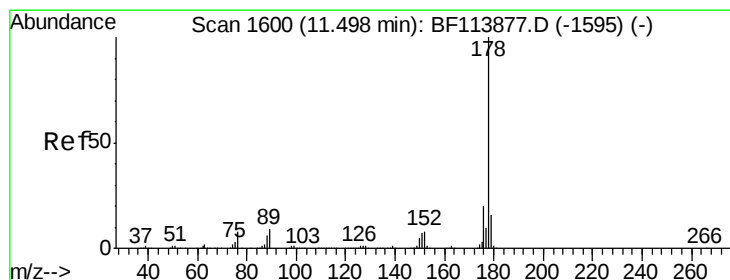
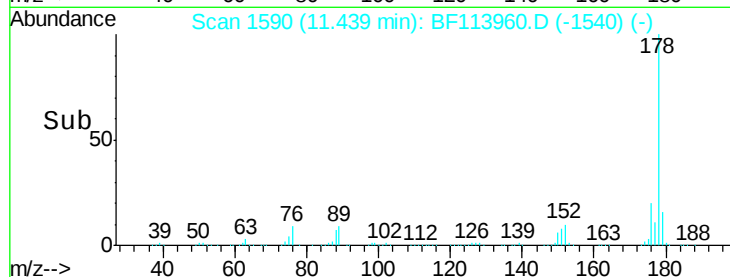
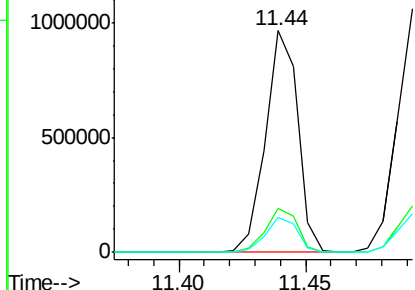
#71  
 Phenanthrene  
 Concen: 37.305 ng  
 RT: 11.44 min Scan# 1590  
 Delta R.T. -0.01 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:178 Resp: 863588  
 Ion Ratio Lower Upper  
 178 100  
 176 19.9 16.1 24.1  
 179 15.7 12.8 19.2

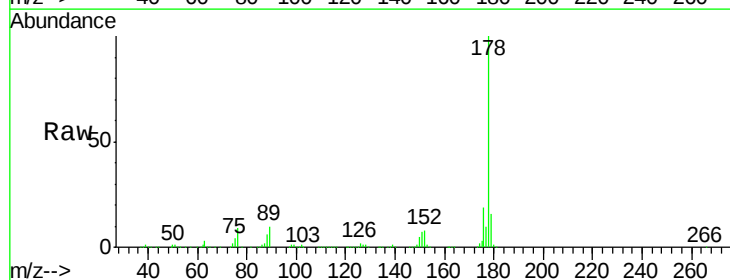


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

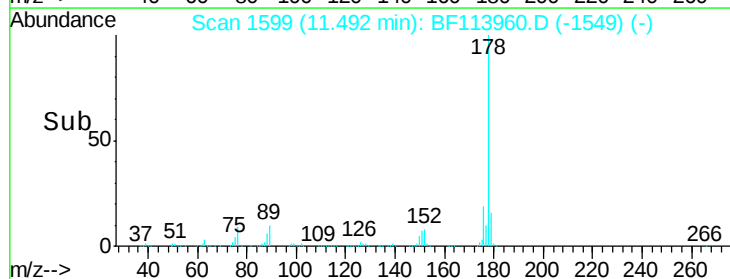
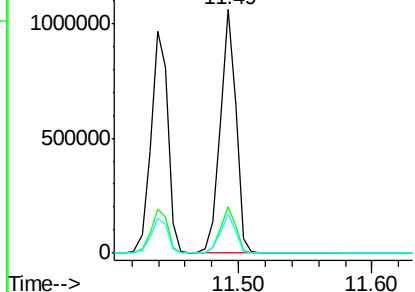


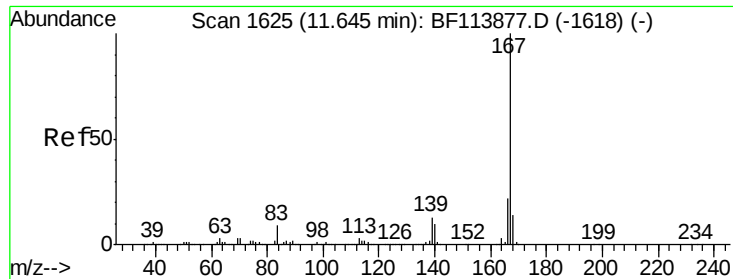
#72  
 Anthracene  
 Concen: 37.974 ng  
 RT: 11.49 min Scan# 1599  
 Delta R.T. -0.01 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

Tgt Ion:178 Resp: 887699  
 Ion Ratio Lower Upper  
 178 100  
 176 18.9 15.7 23.5  
 179 15.8 13.0 19.4



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

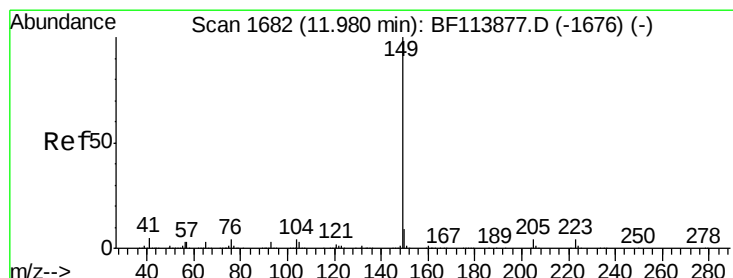
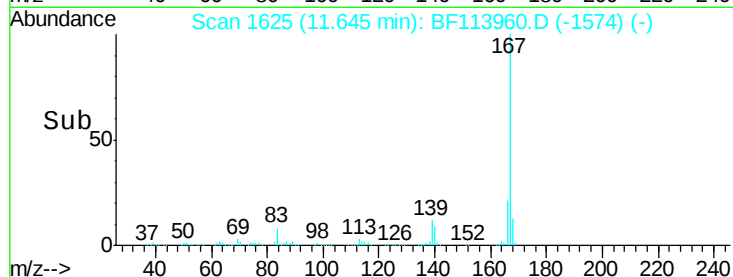
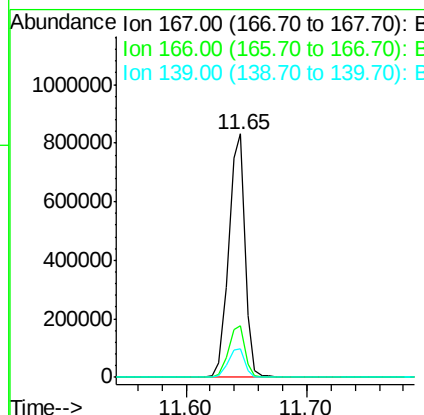
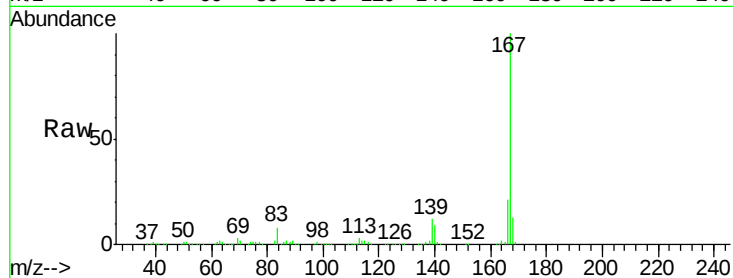




#73  
 Carbazole  
 Concen: 37.243 ng  
 RT: 11.65 min Scan# 1625  
 Delta R.T. 0.00 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

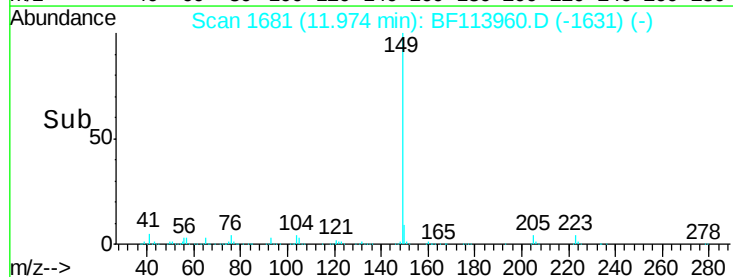
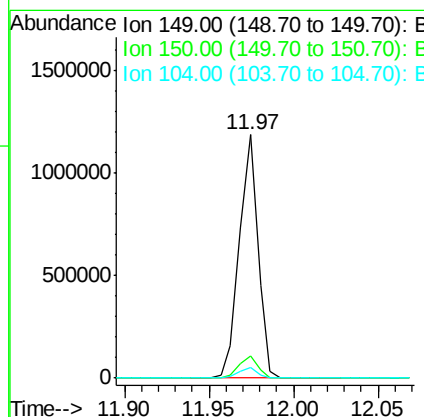
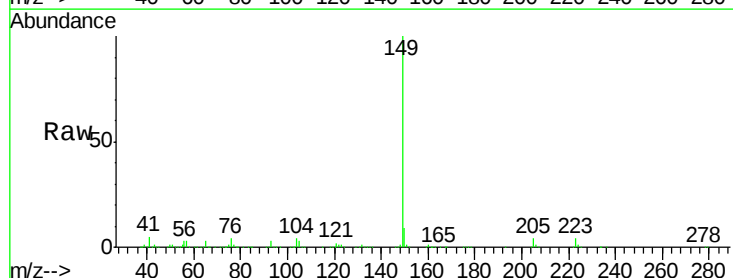
Instrument :  
 BNA\_F  
 ClientSampleId :

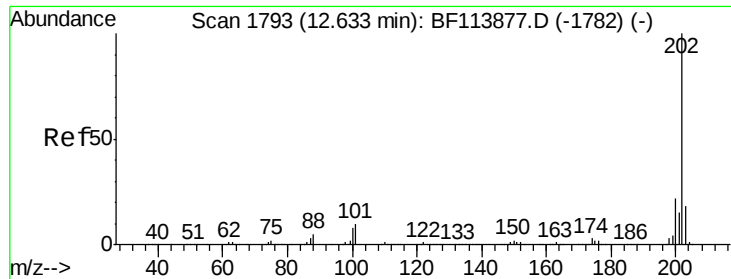
Tot Ion:167 Resp: 776712  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.7 26.5  
 139 11.7 10.0 15.0



#74  
 Di-n-butylphthalate  
 Concen: 37.241 ng  
 RT: 11.97 min Scan# 1681  
 Delta R.T. -0.01 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

Tgt Ion:149 Resp: 913634  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.8 11.8  
 104 4.5 3.8 5.8





#75

Fluoranthene

Concen: 33.213 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

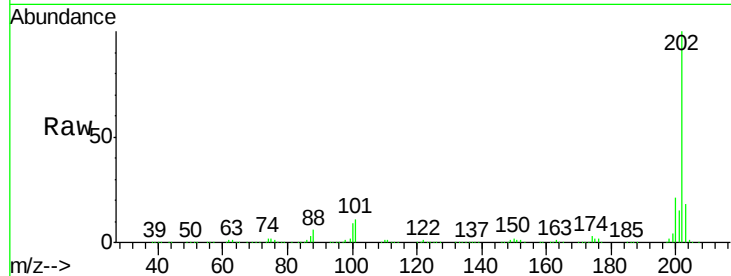
Tot Ion:202 Resp: 838834

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.9

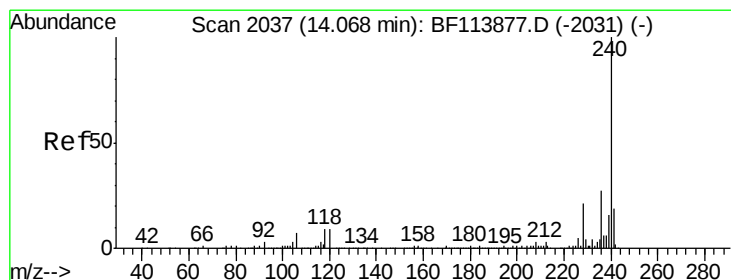
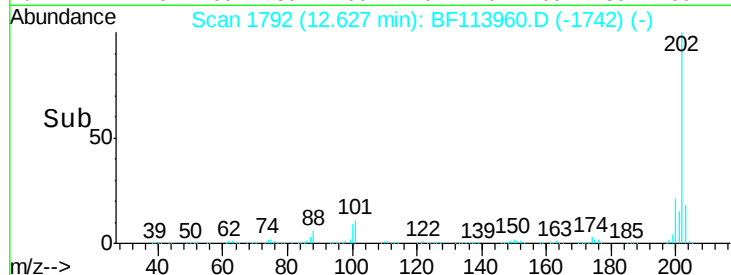
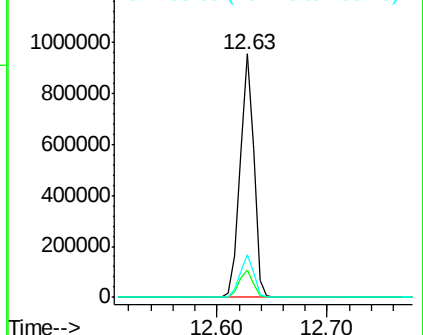
203 17.7 0.0 38.2



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

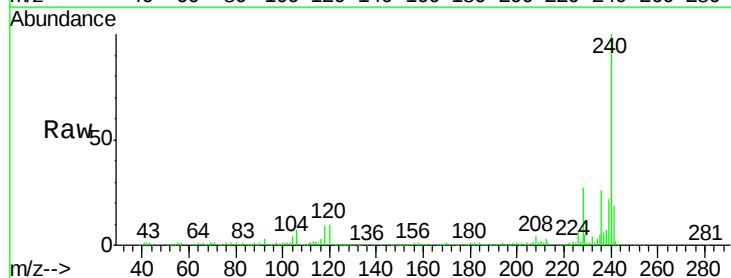
Tgt Ion:240 Resp: 297901

Ion Ratio Lower Upper

240 100

120 9.7 9.3 13.9

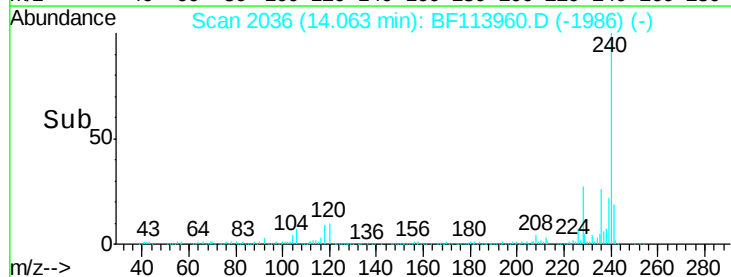
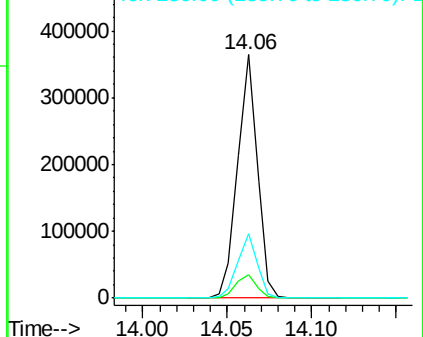
236 26.4 21.2 31.8

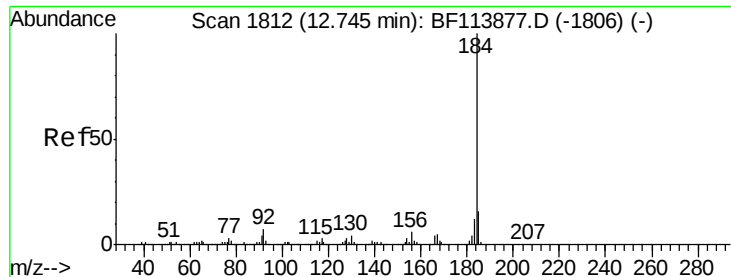


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.815 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampled :

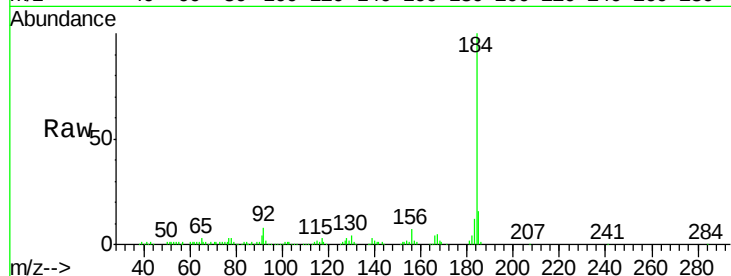
Tot Ion:184 Resp: 193631

Ion Ratio Lower Upper

184 100

185 15.5 13.0 19.6

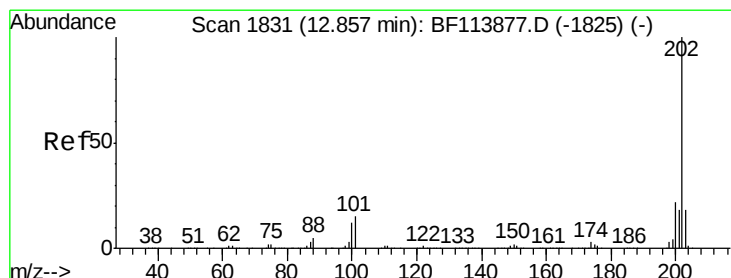
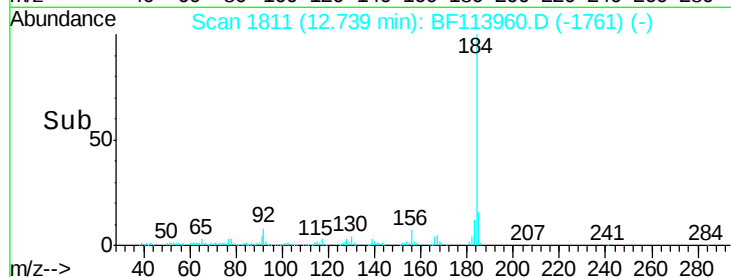
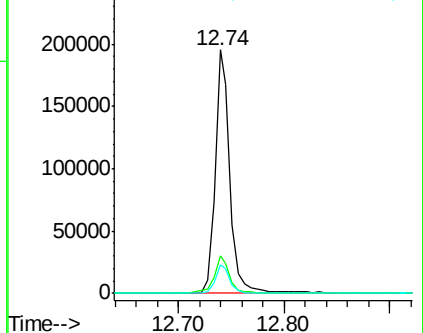
183 11.7 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.851 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

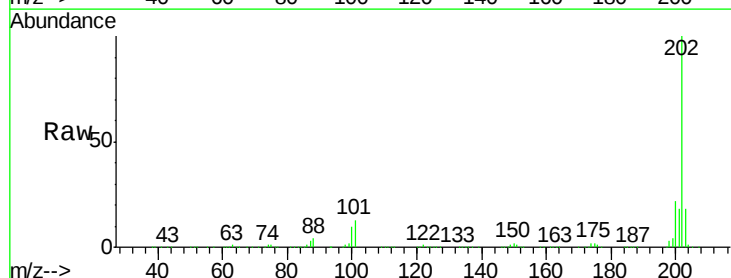
Tgt Ion:202 Resp: 809369

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

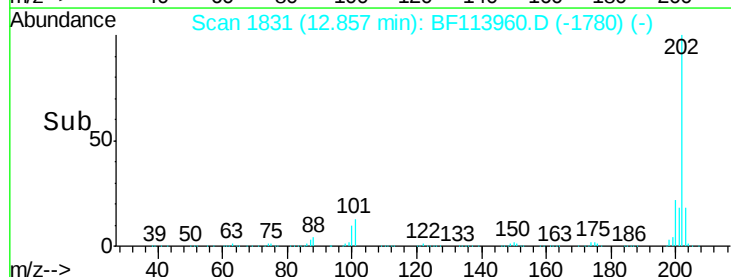
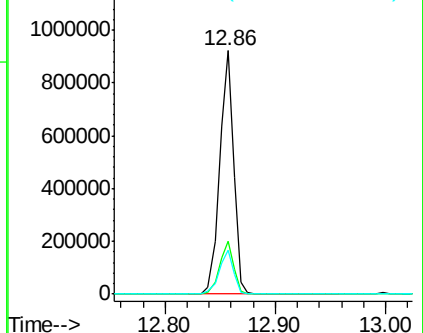
203 17.8 15.0 22.6

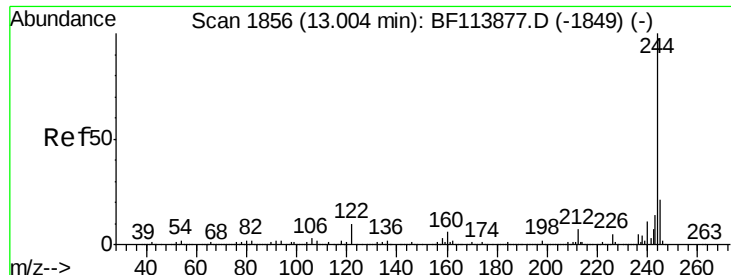


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.818 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

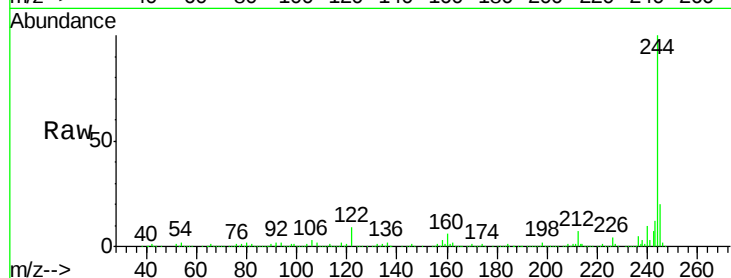
Tot Ion:244 Resp: 1130752

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

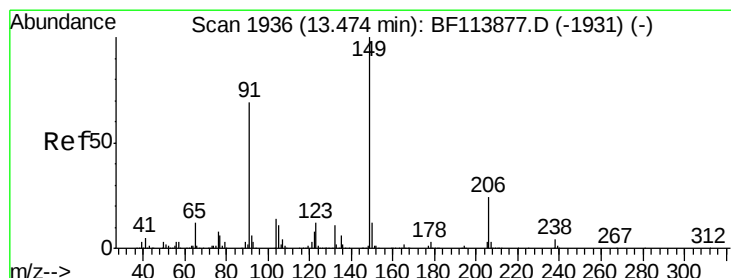
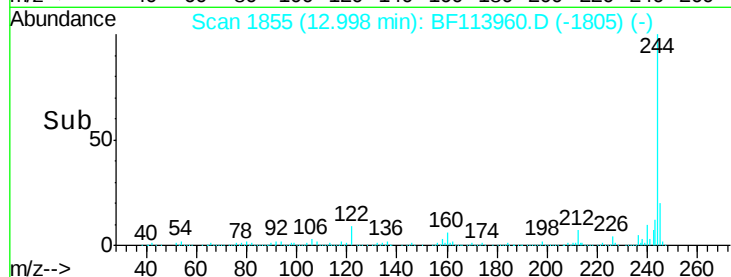
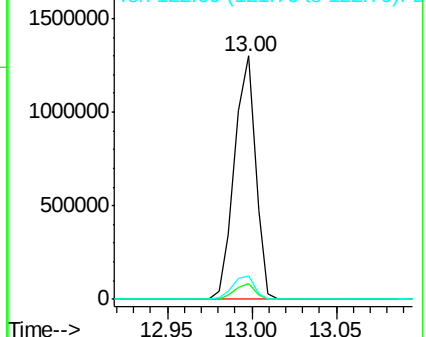
122 9.4 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.854 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

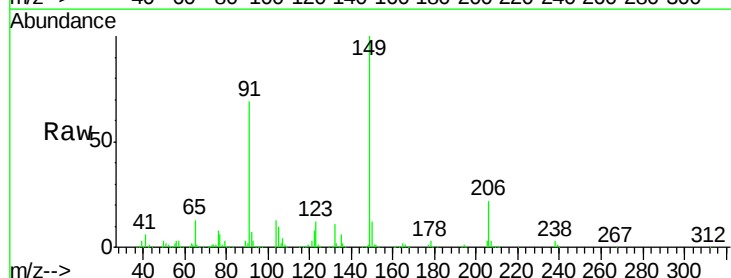
Tgt Ion:149 Resp: 326663

Ion Ratio Lower Upper

149 100

91 68.6 56.3 84.5

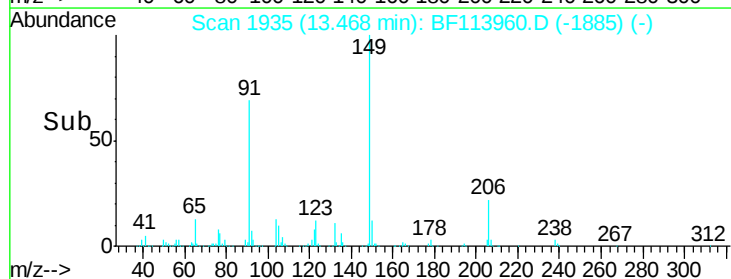
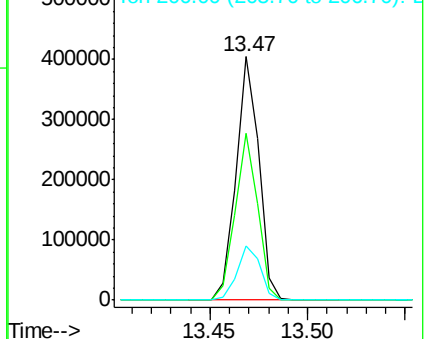
206 22.3 19.0 28.6

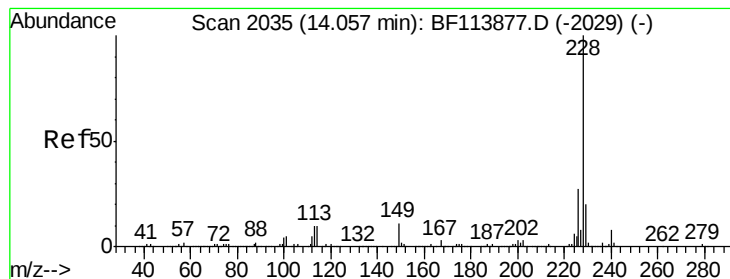


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.171 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampled :

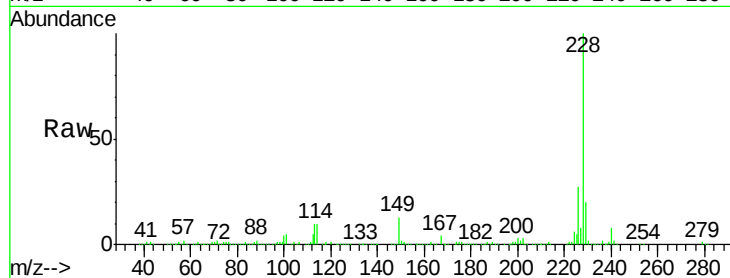
Tot Ion:228 Resp: 652418

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

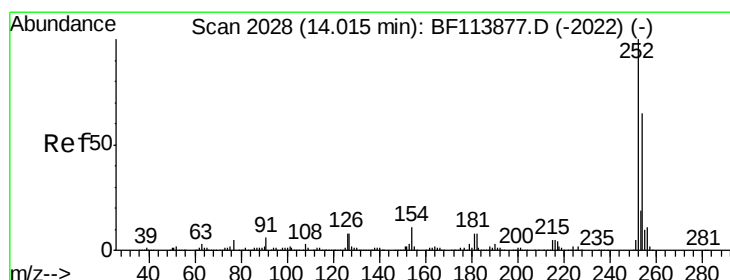
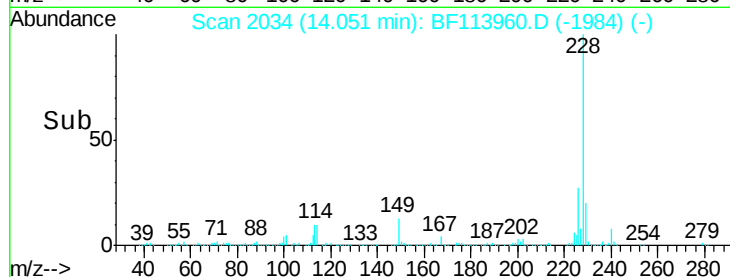
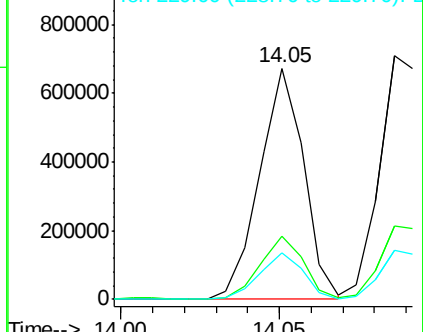
229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.187 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

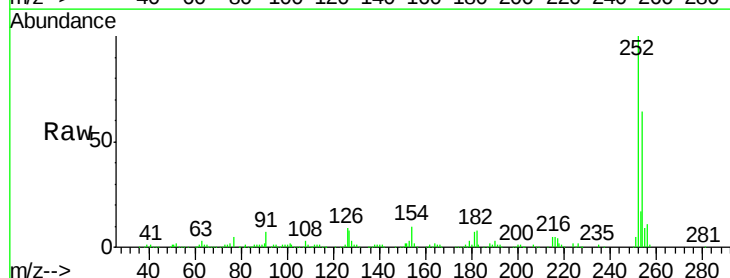
Tgt Ion:252 Resp: 213502

Ion Ratio Lower Upper

252 100

254 64.0 52.1 78.1

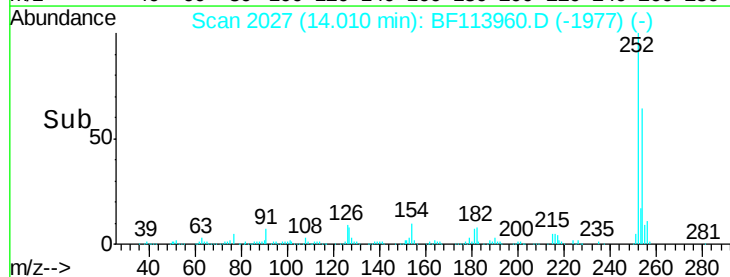
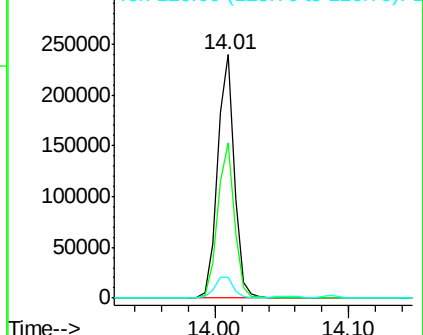
126 8.7 9.3 13.9#

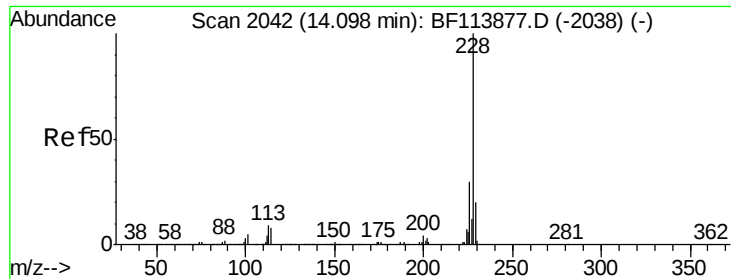


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

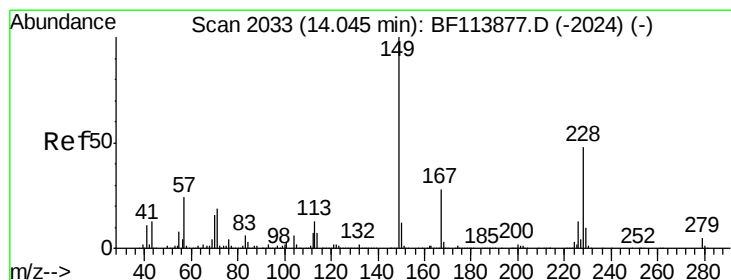
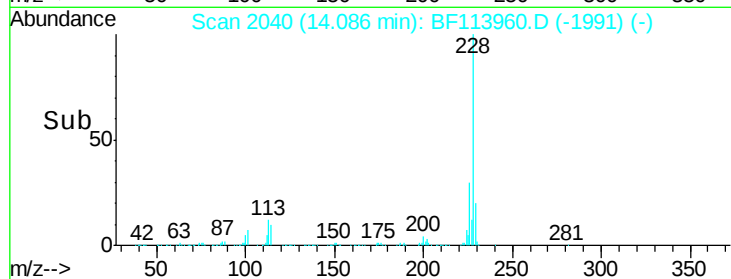
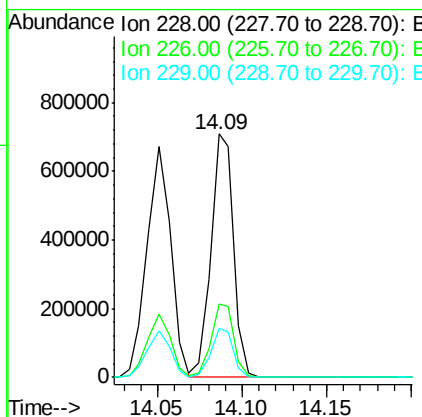
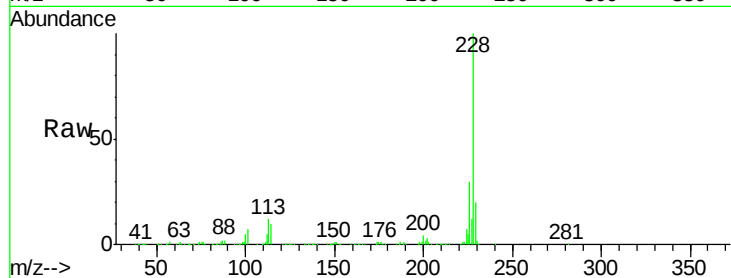




#83  
 Chrysene  
 Concen: 38.715 ng  
 RT: 14.09 min Scan# 2040  
 Delta R.T. -0.01 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

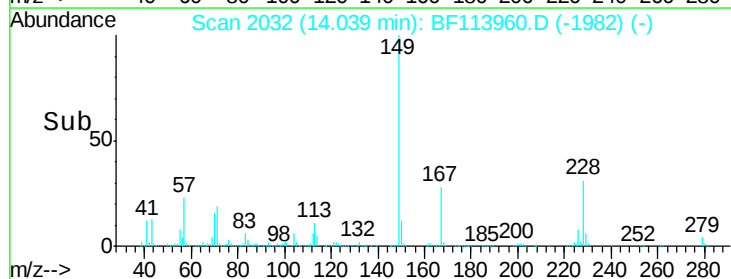
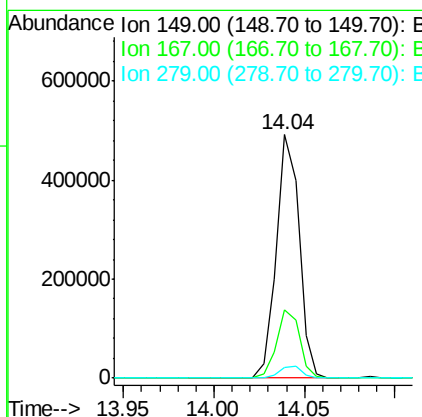
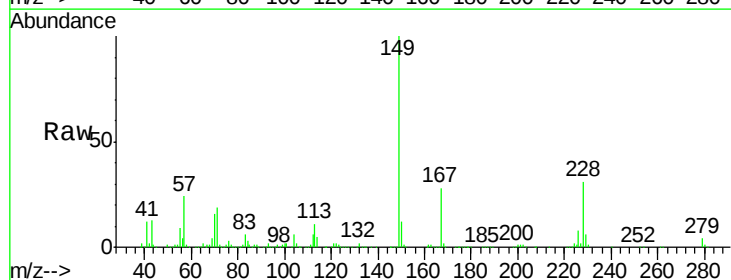
Instrument :  
 BNA\_F  
 ClientSampled :

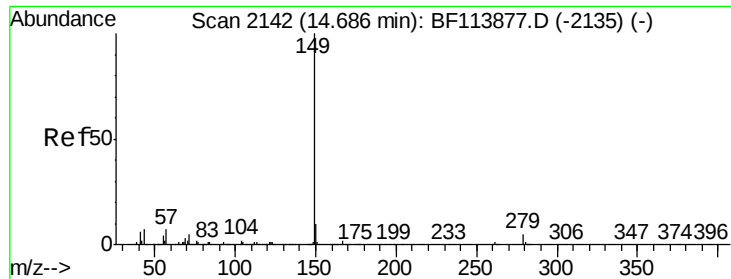
Tot Ion:228 Resp: 661780  
 Ion Ratio Lower Upper  
 228 100  
 226 30.4 25.2 37.8  
 229 20.1 16.7 25.1



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.353 ng  
 RT: 14.04 min Scan# 2032  
 Delta R.T. -0.01 min  
 Lab File: BF113960.D  
 Acq: 24 Apr 2019 14:44

Tgt Ion:149 Resp: 431250  
 Ion Ratio Lower Upper  
 149 100  
 167 28.0 22.9 34.3  
 279 4.3 4.2 6.2

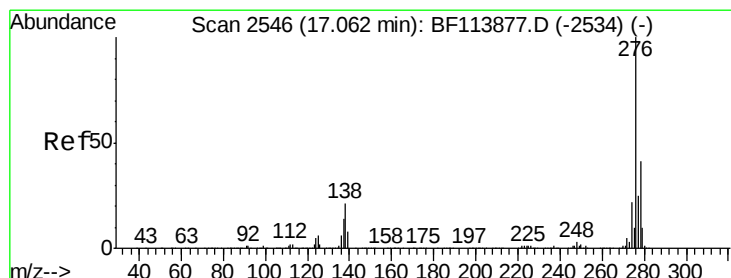
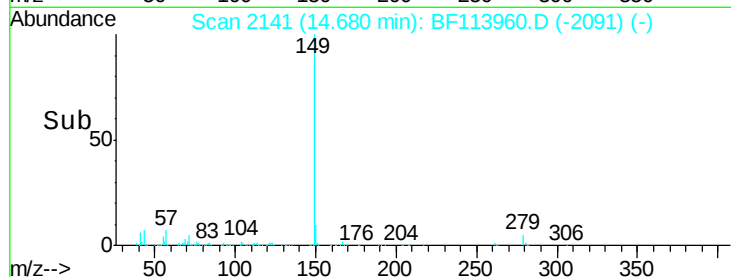
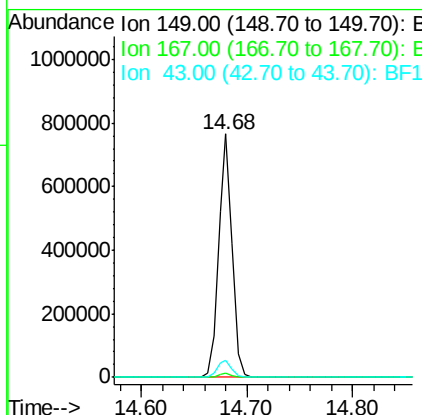
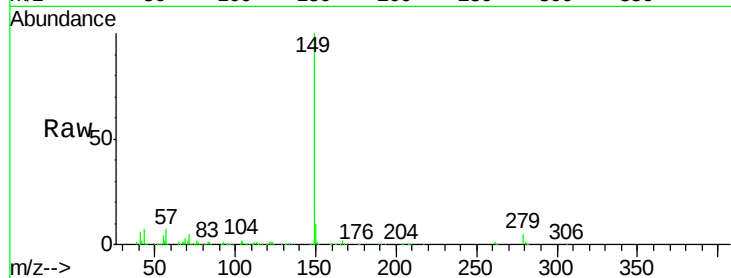




#85  
Di-n-octyl phthalate  
Concen: 42.028 ng  
RT: 14.68 min Scan# 2141  
Delta R.T. -0.01 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

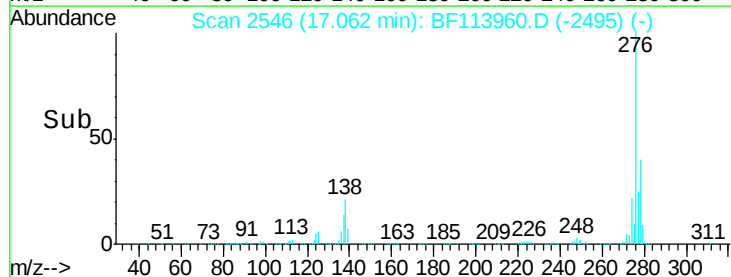
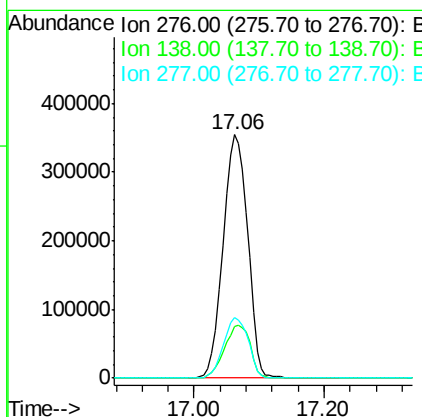
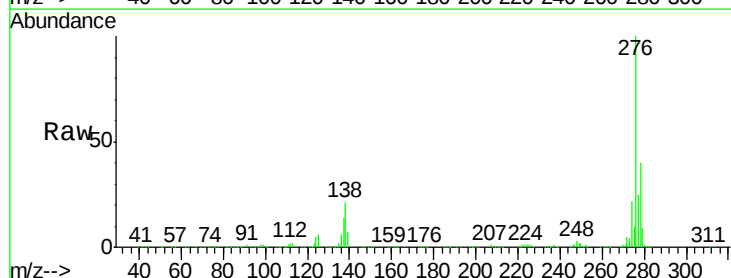
Instrument :  
BNA\_F  
ClientSampled :

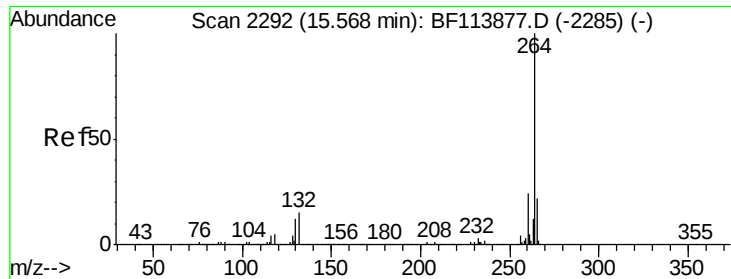
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 7.4   | 6.6   | 10.0  |



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 57.428 ng  
RT: 17.06 min Scan# 2546  
Delta R.T. 0.00 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.6  | 19.6  | 29.4  |
| 277     | 25.2  | 20.2  | 30.4  |

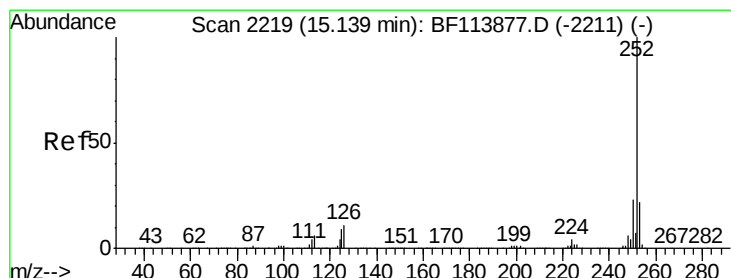
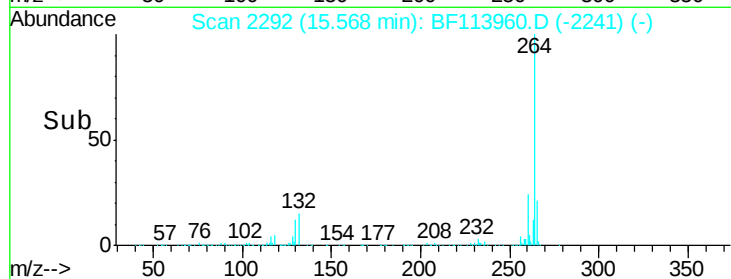
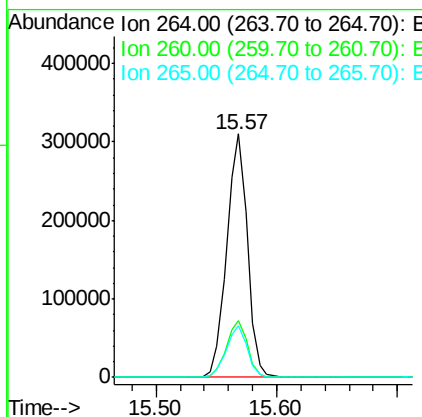
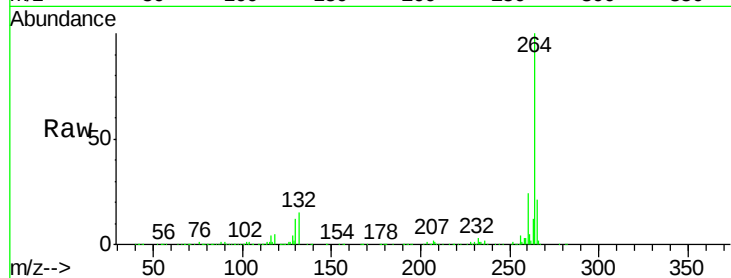




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.57 min Scan# 2292  
Delta R.T. 0.00 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

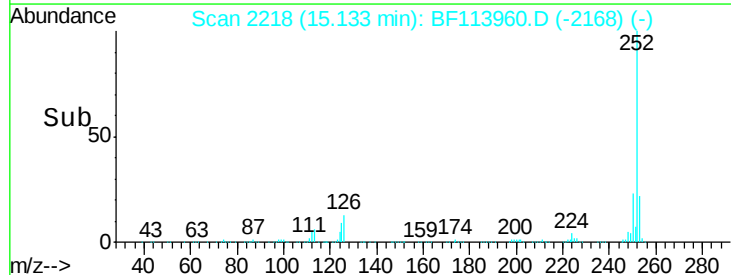
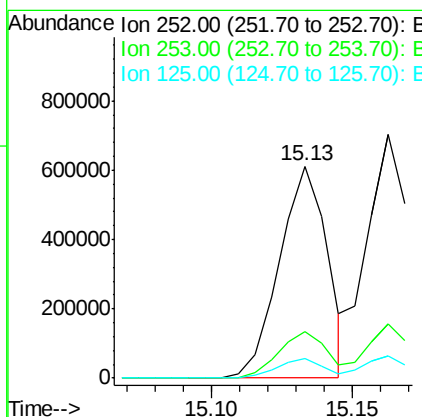
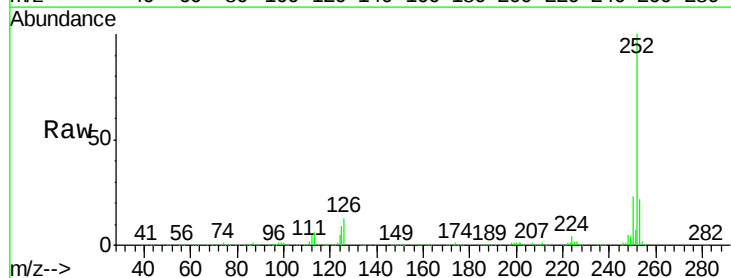
Instrument :  
BNA\_F  
ClientSampleId :

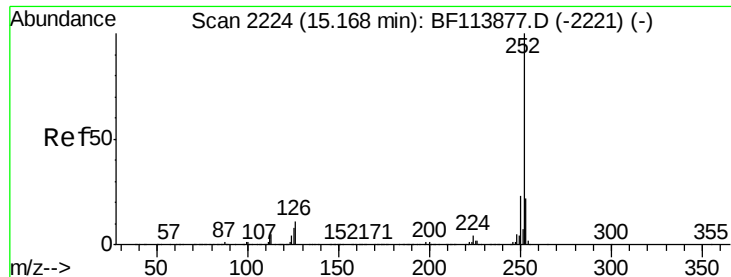
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 18.9  | 28.3  |
| 265     | 21.4  | 17.3  | 25.9  |



#88  
Benzo(b)fluoranthene  
Concen: 30.920 ng  
RT: 15.13 min Scan# 2218  
Delta R.T. -0.01 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.8  | 26.6  |
| 125     | 9.4   | 7.0   | 10.6  |

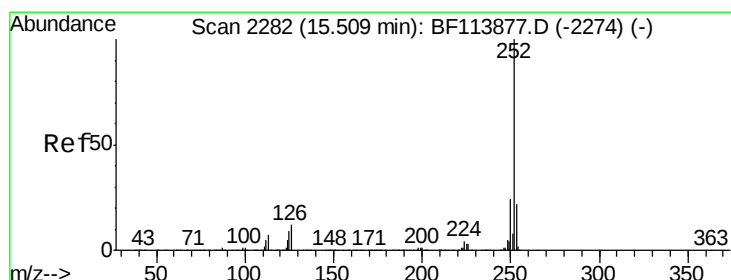
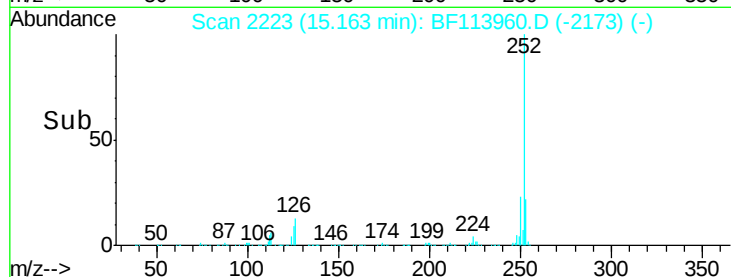
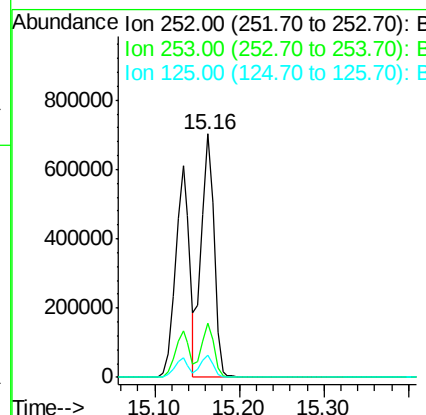
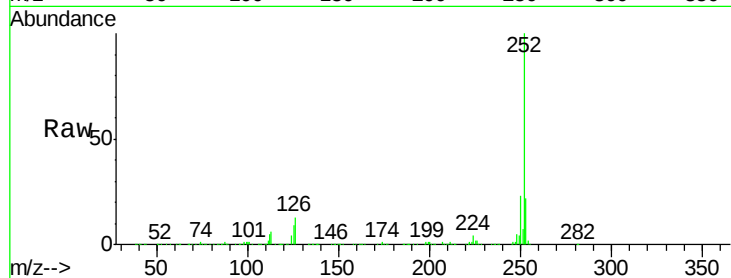




#89  
Benzo(k)fluoranthene  
Concen: 36.243 ng  
RT: 15.16 min Scan# 2223  
Delta R.T. -0.01 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

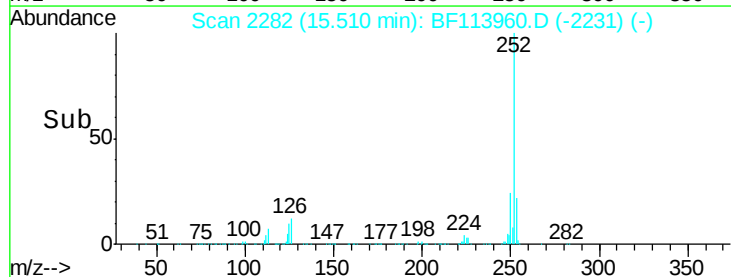
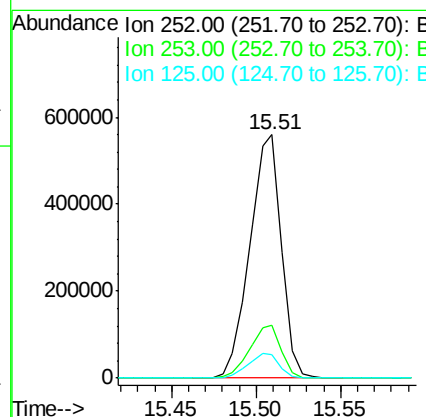
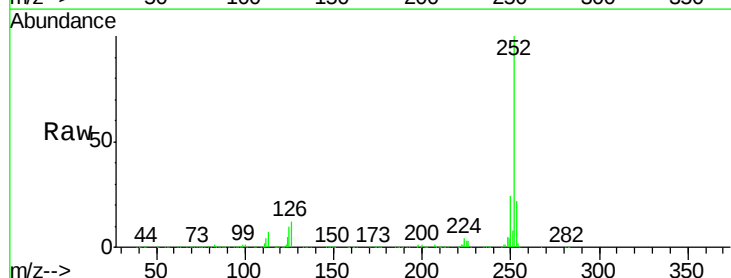
Instrument :  
BNA\_F  
ClientSampleId :

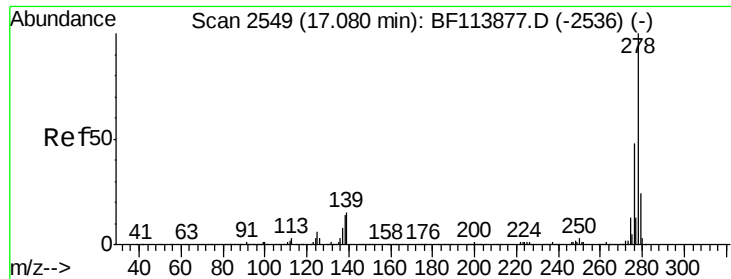
Tot Ion:252 Resp: 725144  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.2 27.2  
125 9.2 7.4 11.2



#90  
Benzo(a)pyrene  
Concen: 36.185 ng  
RT: 15.51 min Scan# 2282  
Delta R.T. 0.00 min  
Lab File: BF113960.D  
Acq: 24 Apr 2019 14:44

Tgt Ion:252 Resp: 728013  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.5 26.3  
125 9.6 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 41.378 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA\_F

ClientSampleId :

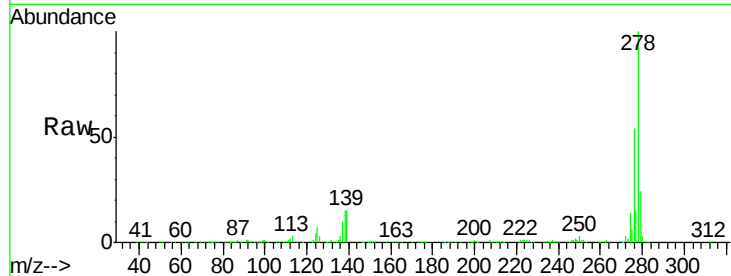
Tot Ion:278 Resp: 781459

Ion Ratio Lower Upper

278 100

139 14.9 11.6 17.4

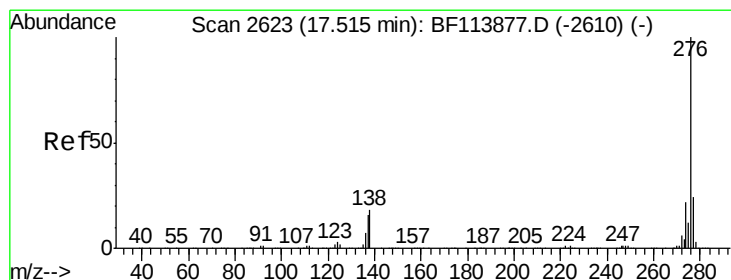
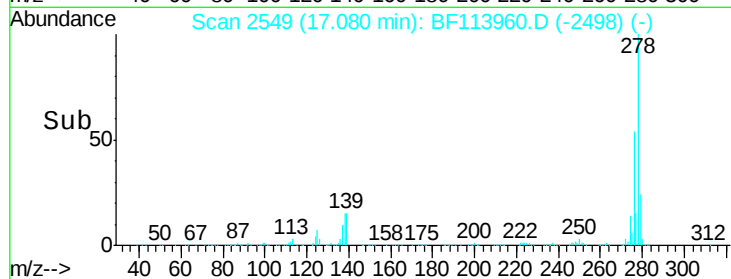
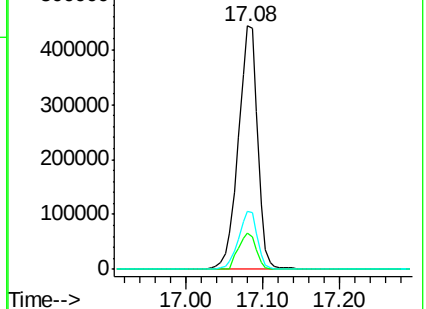
279 24.1 19.0 28.6



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: 41.201 ng

RT: 17.52 min Scan# 2623

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

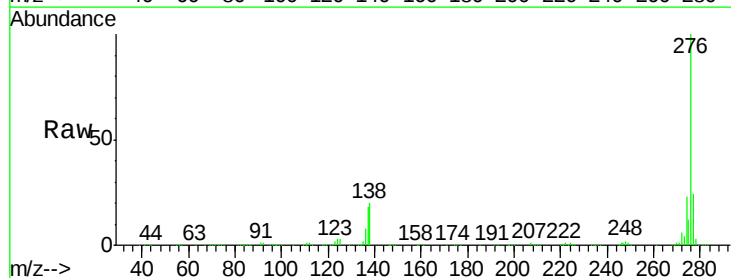
Tgt Ion:276 Resp: 785249

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 19.7 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

