

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF022819\  
 Data File : BF112767.D  
 Acq On : 28 Feb 2019 18:07  
 Operator : JU/SJ  
 Sample : PB117468BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB117468BS

Quant Time: Mar 01 04:49:22 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 27 16:08:50 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.75  | 152  | 189245   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.03  | 136  | 727209   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.77  | 164  | 333684   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.26 | 188  | 598490   | 20.00 | ng    | 0.01     |
| 76) Chrysene-d12          | 13.88 | 240  | 355056   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.29 | 264  | 397528   | 20.00 | ng    | 0.02     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.37  | 112 | 1450994 | 119.27 | ng | 0.02 |
| 7) Phenol-d6             | 6.39  | 99  | 1831556 | 119.85 | ng | 0.02 |
| 23) Nitrobenzene-d5      | 7.30  | 82  | 980548  | 80.68  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.56 | 330 | 480585  | 135.66 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.10  | 172 | 1744161 | 90.57  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.84 | 244 | 1573118 | 85.89  | ng | 0.01 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.52 | 88  | 208105  | 34.125 | ng | 98     |
| 3) Pyridine                    | 3.25 | 79  | 559092  | 34.268 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.16 | 42  | 251602  | 35.253 | ng | 99     |
| 6) Aniline                     | 6.41 | 93  | 486564  | 23.130 | ng | 98     |
| 8) 2-Chlorophenol              | 6.53 | 128 | 494776  | 36.535 | ng | 97     |
| 9) Benzaldehyde                | 6.29 | 77  | 177624  | 16.131 | ng | 97     |
| 10) Phenol                     | 6.40 | 94  | 610024  | 34.207 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 6.49 | 93  | 496346  | 36.261 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.69 | 146 | 532299  | 38.049 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.76 | 146 | 543518  | 38.740 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.92 | 146 | 495364  | 38.515 | ng | 98     |
| 15) Benzyl Alcohol             | 6.89 | 79  | 436505  | 37.458 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.03 | 45  | 797836  | 34.927 | ng | 98     |
| 17) 2-Methylphenol             | 7.00 | 107 | 408533  | 37.185 | ng | 97     |
| 18) Hexachloroethane           | 7.26 | 117 | 201930  | 37.573 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.16 | 70  | 340704  | 35.201 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.16 | 107 | 477462  | 38.494 | ng | 97     |
| 22) Acetophenone               | 7.15 | 105 | 666169  | 39.177 | ng | # 98   |
| 24) Nitrobenzene               | 7.32 | 77  | 534980  | 39.551 | ng | 99     |
| 25) Isophorone                 | 7.57 | 82  | 970322  | 37.061 | ng | 99     |
| 26) 2-Nitrophenol              | 7.65 | 139 | 267073  | 47.432 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.69 | 122 | 444535  | 42.437 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.78 | 93  | 624239  | 38.135 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.89 | 162 | 410037  | 40.364 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.97 | 180 | 451939  | 41.405 | ng | 98     |
| 31) Naphthalene                | 8.05 | 128 | 1440677 | 39.903 | ng | 99     |
| 32) Benzoic acid               | 7.80 | 122 | 163476  | 22.266 | ng | 88     |
| 33) 4-Chloroaniline            | 8.09 | 127 | 293832  | 19.215 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.17 | 225 | 256168  | 41.614 | ng | 99     |
| 35) Caprolactam                | 8.47 | 113 | 86243   | 24.105 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.58 | 107 | 426990  | 37.981 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.74 | 142 | 953742  | 40.906 | ng | 100    |
| 38) 1-Methylnaphthalene        | 8.84 | 142 | 897177  | 39.723 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.91 | 216 | 404801  | 41.601 | ng | 100    |

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 Sample : PB117468BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

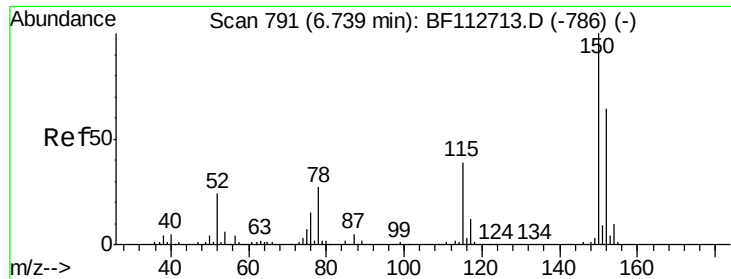
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB117468BS

Quant Time: Mar 01 04:49:22 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 27 16:08:50 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.90  | 237  | 492876   | 92.499 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol      | 9.02  | 196  | 290670   | 43.404 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.06  | 196  | 302484   | 41.788 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.20  | 154  | 1121794  | 41.216 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.23  | 162  | 868175   | 40.851 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.32  | 65   | 270623   | 41.894 | ng    | 98       |
| 49) Acenaphthylene             | 9.64  | 152  | 1393866  | 38.634 | ng    | 99       |
| 50) Dimethylphthalate          | 9.50  | 163  | 972173   | 39.512 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.56  | 165  | 221723   | 43.275 | ng    | 91       |
| 52) Acenaphthene               | 9.81  | 154  | 845039   | 40.052 | ng    | 97       |
| 53) 3-Nitroaniline             | 9.72  | 138  | 163521   | 26.192 | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 9.83  | 184  | 109272   | 54.387 | ng    | 97       |
| 55) Dibenzofuran               | 9.98  | 168  | 1203194  | 39.237 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.89  | 139  | 331441   | 65.322 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 9.96  | 165  | 289518   | 45.459 | ng    | 86       |
| 58) Fluorene                   | 10.32 | 166  | 861218   | 39.570 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.10 | 232  | 235885   | 39.114 | ng    | 98       |
| 60) Diethylphthalate           | 10.20 | 149  | 979143   | 37.680 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.32 | 204  | 428984   | 42.364 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.33 | 138  | 200708   | 34.791 | ng    | 96       |
| 63) Azobenzene                 | 10.47 | 77   | 953459   | 35.822 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.37 | 198  | 91502    | 38.246 | ng    | 87       |
| 66) n-Nitrosodiphenylamine     | 10.43 | 169  | 798673   | 41.610 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.80 | 248  | 271403   | 43.053 | ng    | 97       |
| 68) Hexachlorobenzene          | 10.87 | 284  | 307867   | 43.324 | ng    | 94       |
| 69) Atrazine                   | 10.96 | 200  | 233302   | 39.687 | ng    | 100      |
| 70) Pentachlorophenol          | 11.06 | 266  | 270301   | 64.627 | ng    | 98       |
| 71) Phenanthrene               | 11.28 | 178  | 1221736  | 41.029 | ng    | 100      |
| 72) Anthracene                 | 11.33 | 178  | 1238156  | 39.722 | ng    | 98       |
| 73) Carbazole                  | 11.48 | 167  | 1055946  | 34.727 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.82 | 149  | 1397485  | 38.330 | ng    | 100      |
| 75) Fluoranthene               | 12.46 | 202  | 1155651  | 36.224 | ng    | 97       |
| 77) Benzidine                  | 12.58 | 184  | 146348   | 7.945  | ng    | # 55     |
| 78) Pyrene                     | 12.69 | 202  | 1171670  | 39.144 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.31 | 149  | 514904   | 38.972 | ng    | 97       |
| 81) Benzo(a)anthracene         | 13.87 | 228  | 912869   | 37.097 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.83 | 252  | 268549   | 28.855 | ng    | 99       |
| 83) Chrysene                   | 13.91 | 228  | 902096   | 37.425 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.87 | 149  | 619663   | 39.986 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.48 | 149  | 1152113  | 43.295 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.66 | 276  | 1237769  | 60.234 | ng    | 96       |
| 88) Benzo(b)fluoranthene       | 14.89 | 252  | 972090   | 37.805 | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 14.92 | 252  | 903598   | 38.796 | ng    | 97       |
| 90) Benzo(a)pyrene             | 15.23 | 252  | 957870   | 42.116 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.68 | 278  | 1020034  | 52.558 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.07 | 276  | 1068267  | 54.817 | ng    | 97       |

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



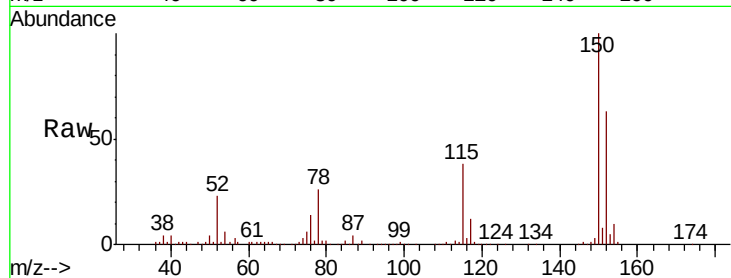


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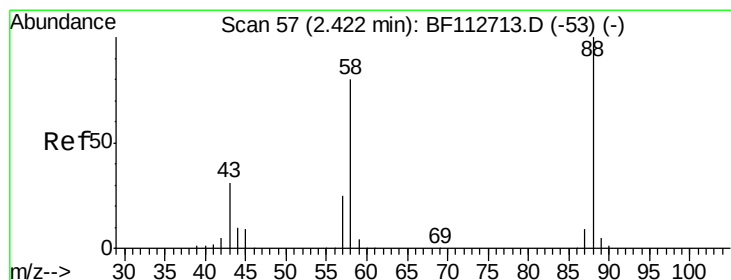
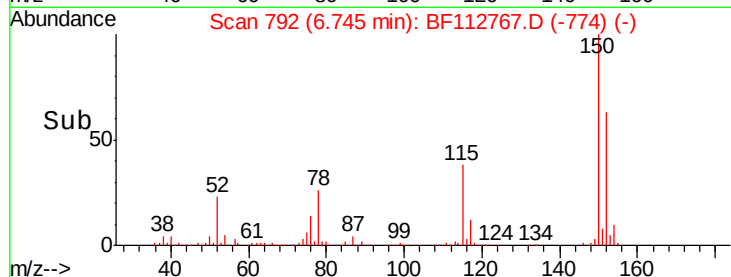
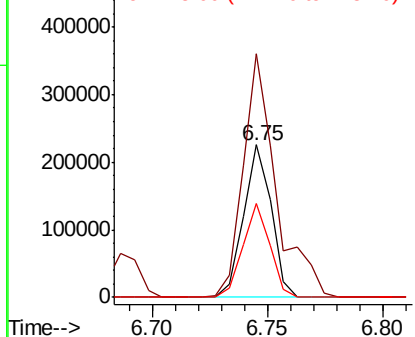
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.75 min Scan# 792  
Delta R.T. 0.01 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

Instrument :  
BNA\_F  
ClientSampleId :  
PB117468BS

Tgt Ion: 152 Resp: 189245  
Ion Ratio Lower Upper  
152 100  
150 159.8 124.2 186.2  
115 61.4 48.2 72.4



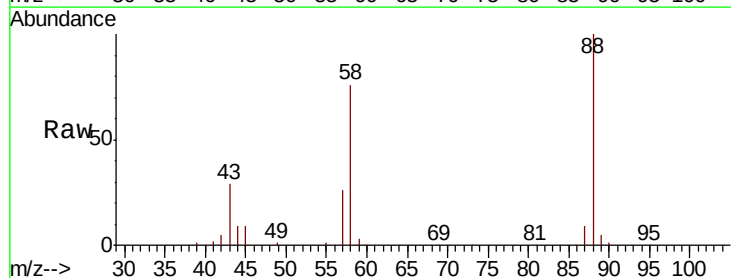
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



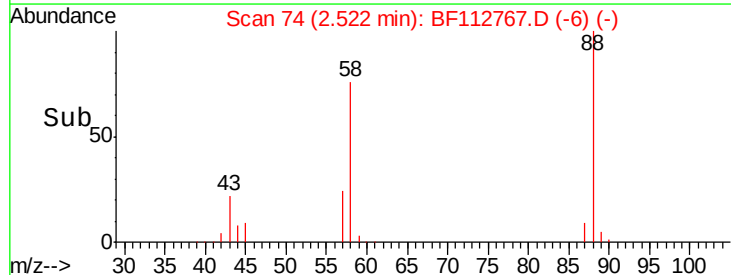
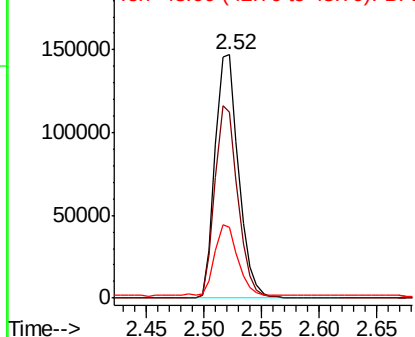
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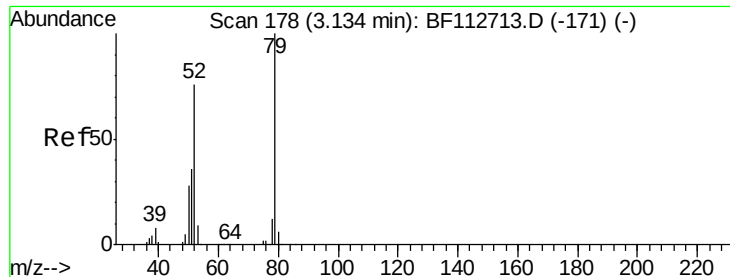
1,4-Dioxane  
Concen: 34.125 ng  
RT: 2.52 min Scan# 74  
Delta R.T. 0.10 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

Tgt Ion: 88 Resp: 208105  
Ion Ratio Lower Upper  
88 100  
58 77.6 63.1 94.7  
43 29.0 24.3 36.5



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

Pyridine

Concen: 34.268 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.12 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

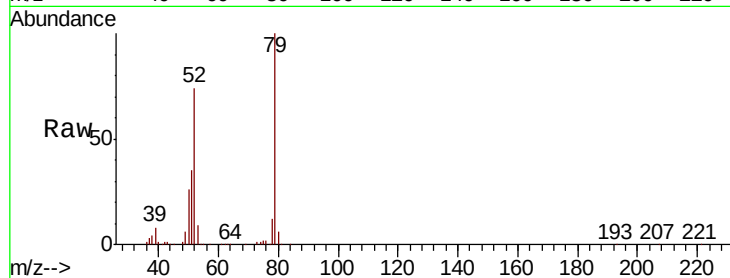
Tgt Ion: 79 Resp: 559092

Ion Ratio Lower Upper

79 100

52 73.9 60.5 90.7

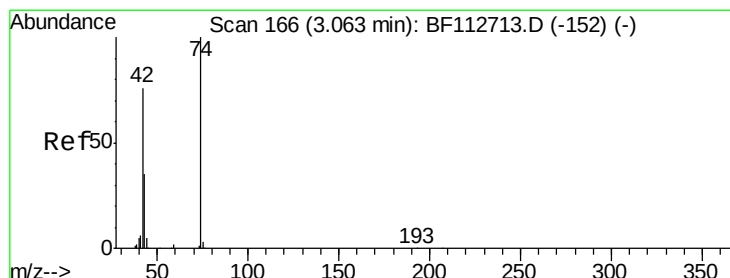
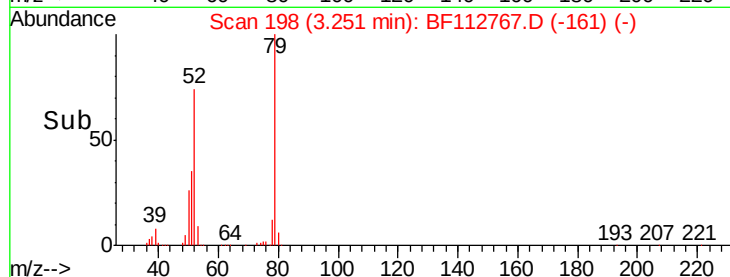
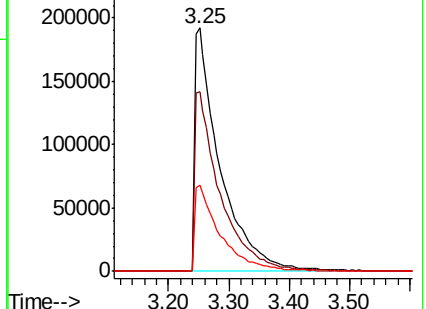
51 35.2 28.8 43.2



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: 35.253 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.09 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

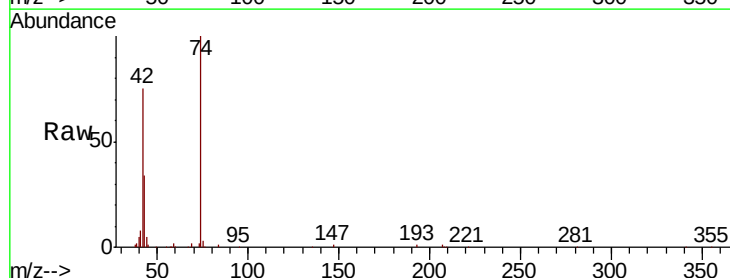
Tgt Ion: 42 Resp: 251602

Ion Ratio Lower Upper

42 100

74 133.1 105.8 158.8

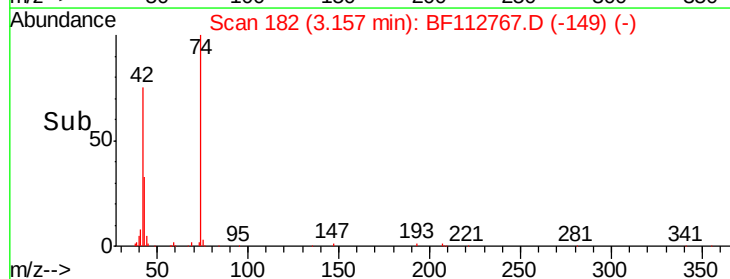
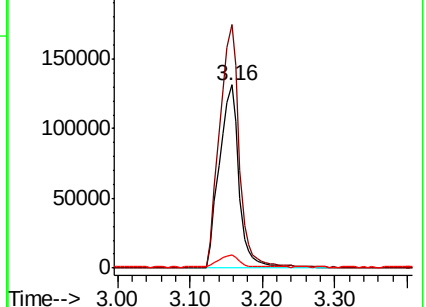
44 7.2 6.2 9.2

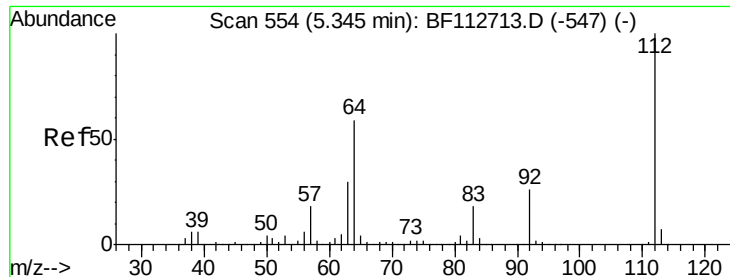


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 119.268 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

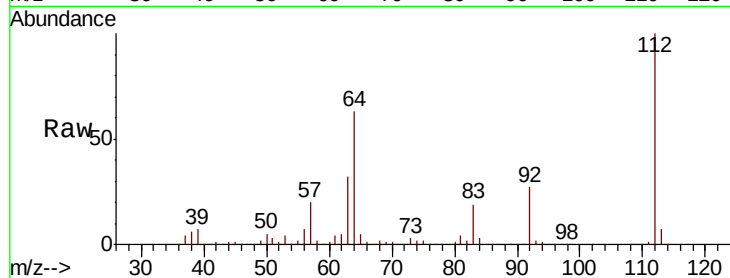
Tgt Ion:112 Resp: 1450994

Ion Ratio Lower Upper

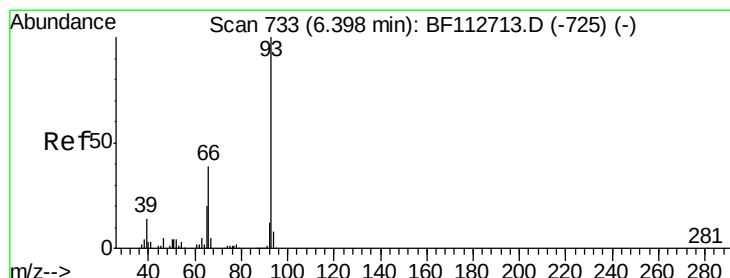
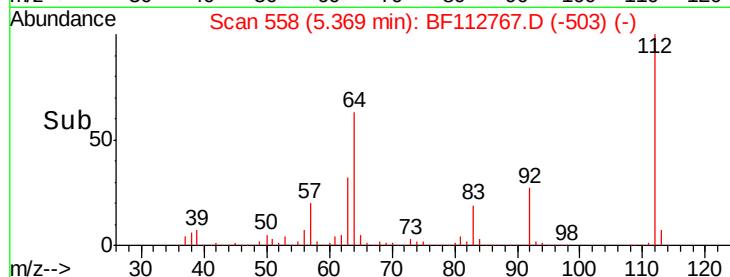
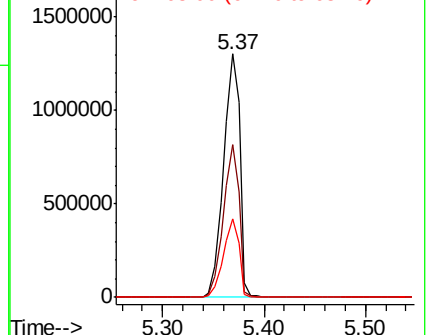
112 100

64 62.7 47.6 71.4

63 32.2 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BF1  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.130 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

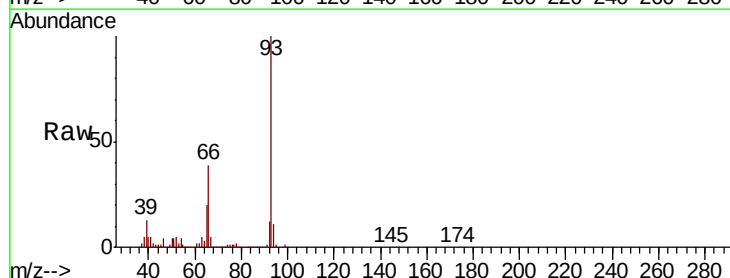
Tgt Ion: 93 Resp: 486564

Ion Ratio Lower Upper

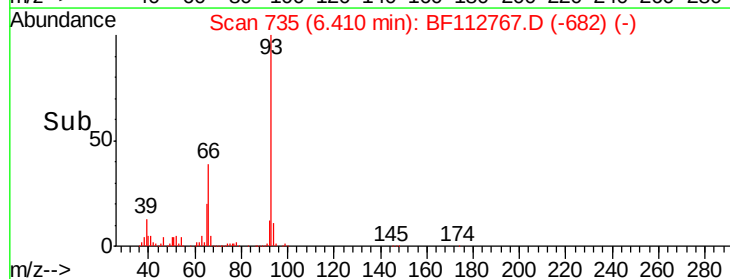
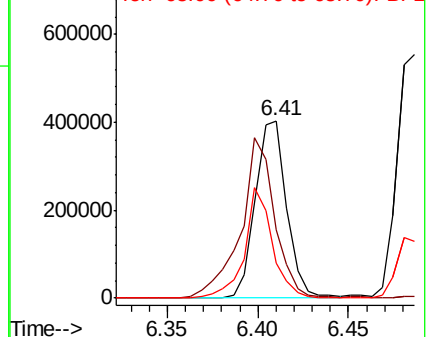
93 100

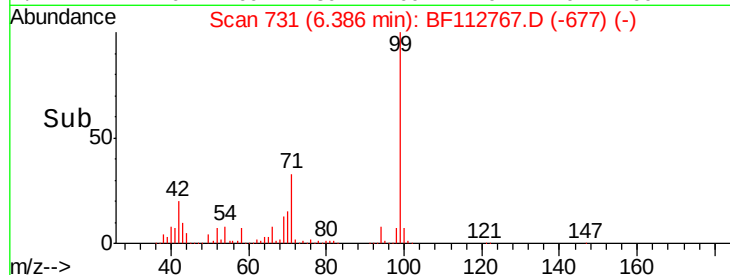
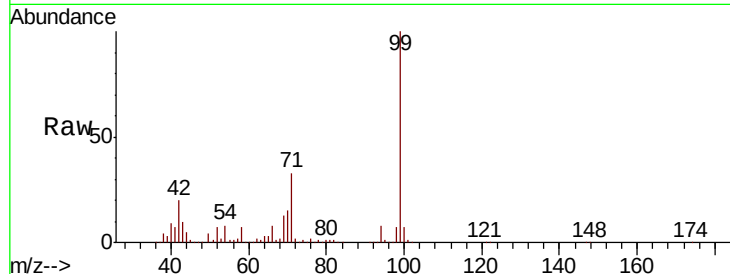
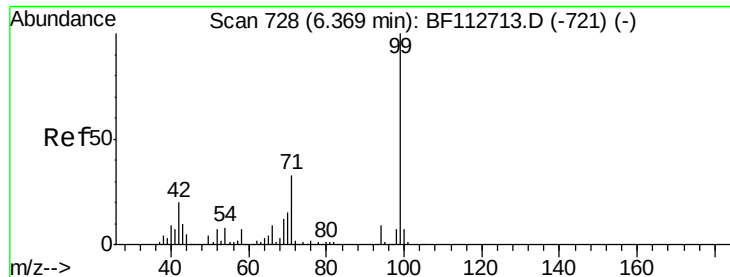
66 38.9 32.2 48.2

65 19.7 16.2 24.4



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: 119.848 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

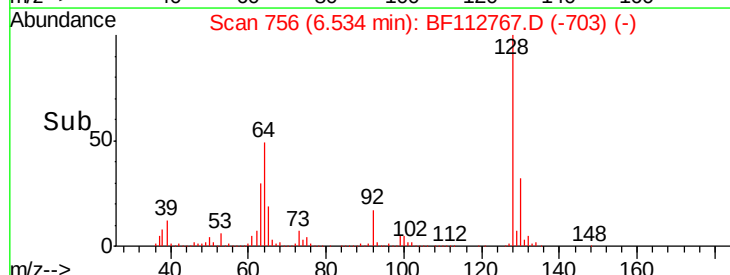
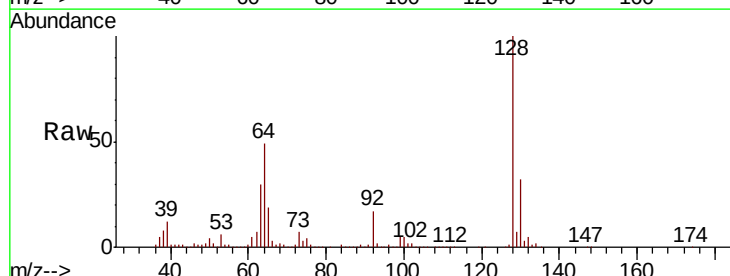
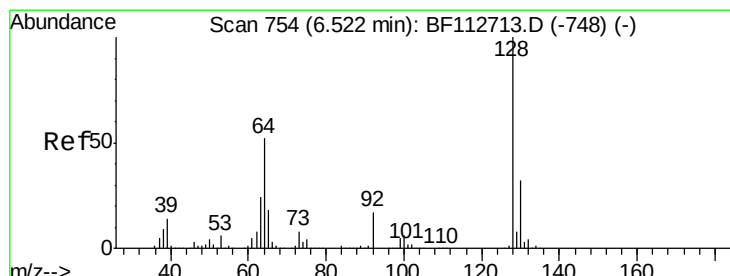
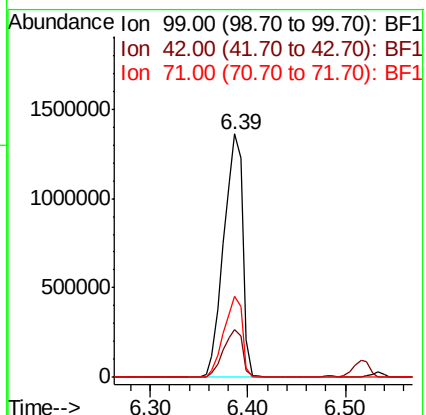
Tgt Ion: 99 Resp: 1831556

Ion Ratio Lower Upper

99 100

42 19.7 16.3 24.5

71 33.3 26.2 39.4



#8

2-Chlorophenol

Concen: 36.535 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

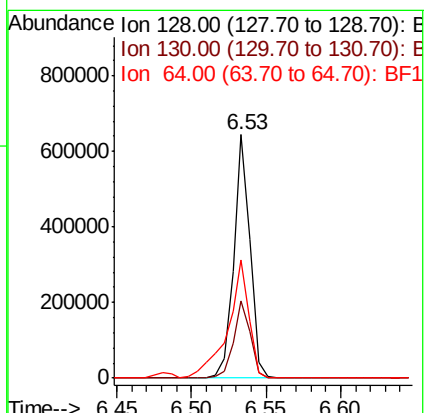
Tgt Ion: 128 Resp: 494776

Ion Ratio Lower Upper

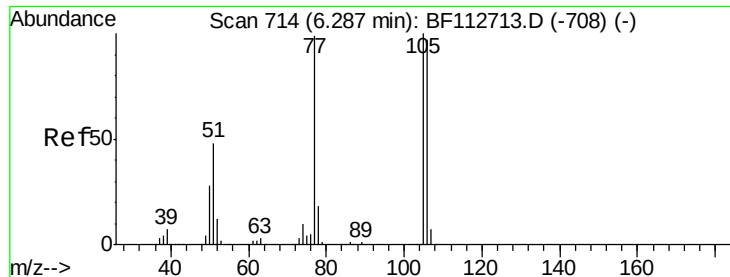
128 100

130 31.9 12.4 52.4

64 48.7 32.2 72.2







#9

Benzaldehyde

Concen: 16.131 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

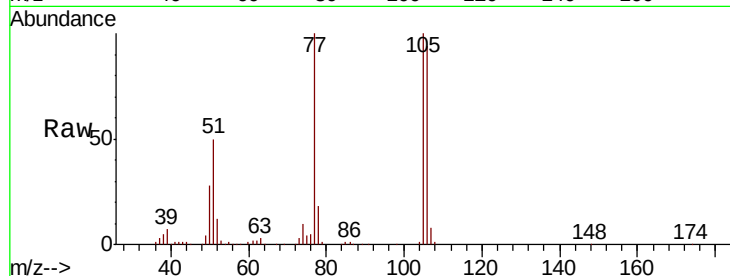
Tgt Ion: 77 Resp: 177624

Ion Ratio Lower Upper

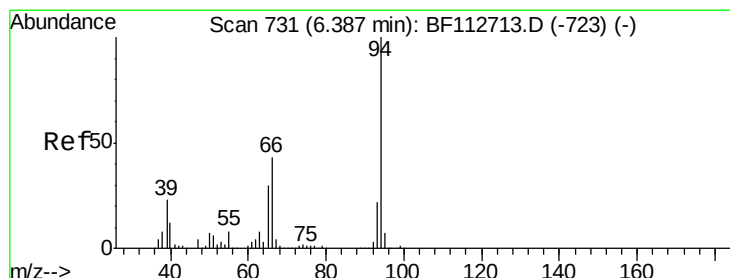
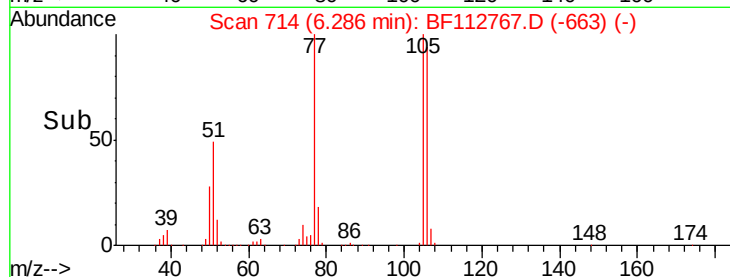
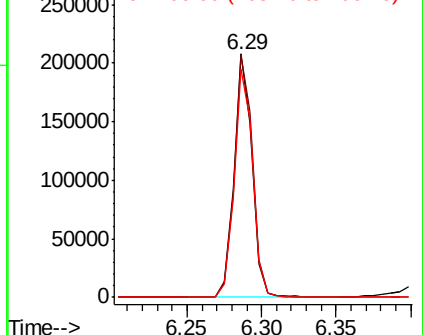
77 100

105 99.6 81.4 121.4

106 93.5 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 105.00 (104.70 to 105.70): E  
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 34.207 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

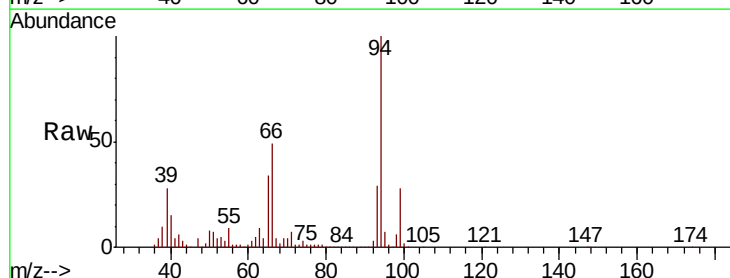
Tgt Ion: 94 Resp: 610024

Ion Ratio Lower Upper

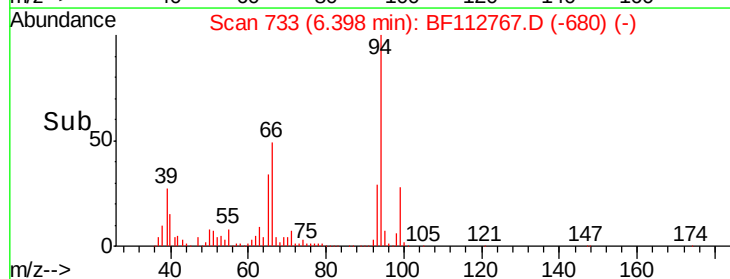
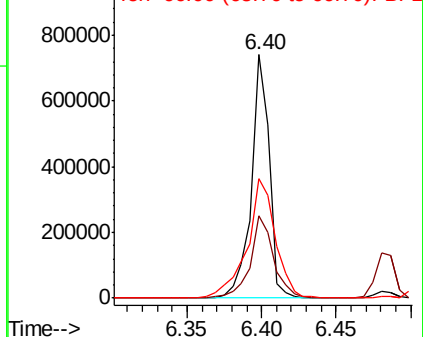
94 100

65 33.9 10.5 50.5

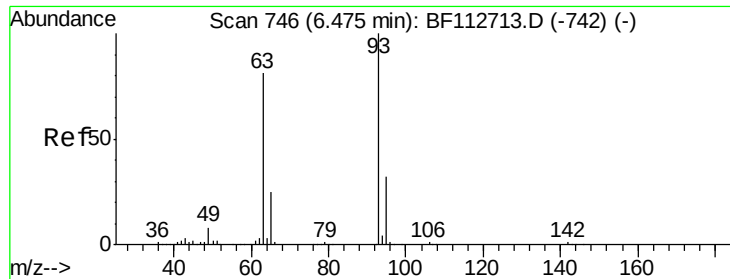
66 49.3 22.6 62.6



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



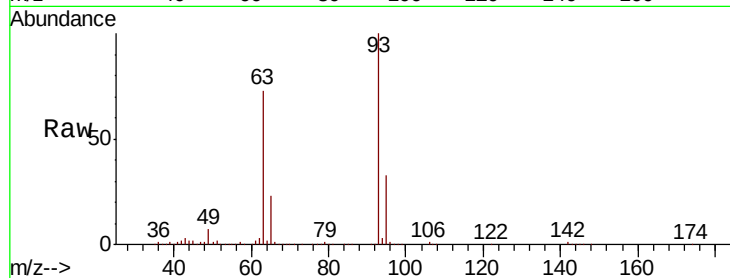




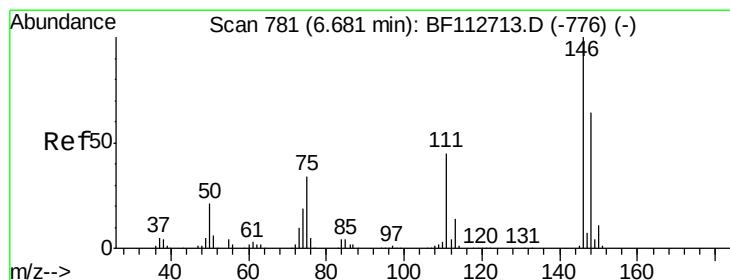
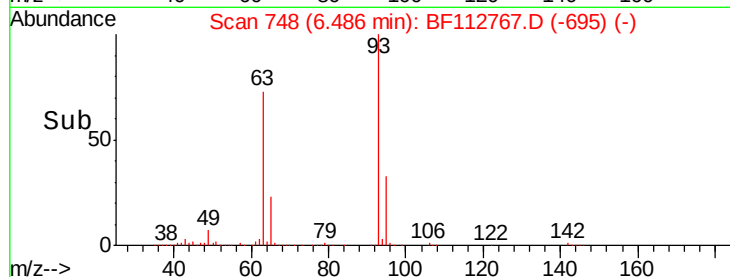
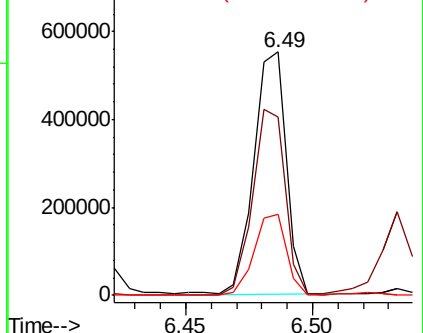
#11  
 bis(2-Chloroethyl)ether  
 Concen: 36.261 ng  
 RT: 6.49 min Scan# 748  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB117468BS

Tgt Ion: 93 Resp: 496346  
 Ion Ratio Lower Upper  
 93 100  
 63 73.4 60.5 100.5  
 95 33.0 12.1 52.1

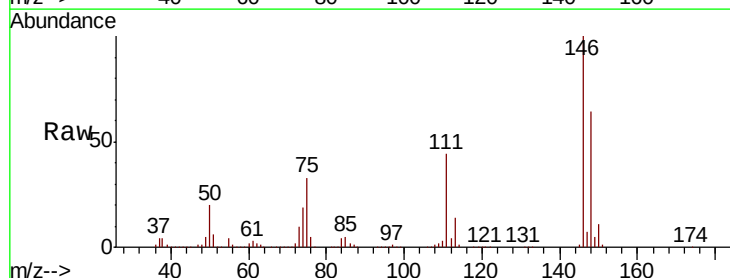


Abundance Ion 93.00 (92.70 to 93.70): BF1  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 95.00 (94.70 to 95.70): BF1

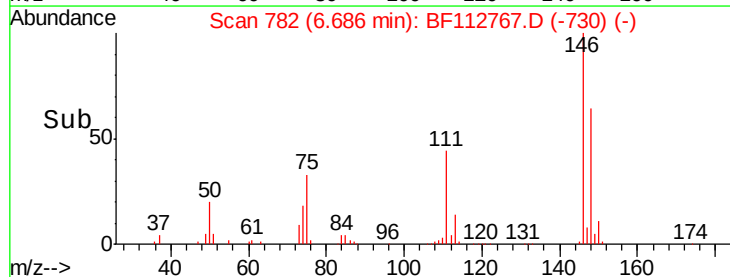
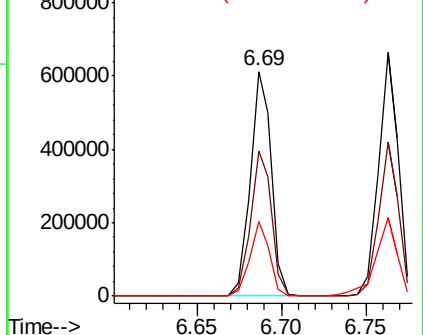


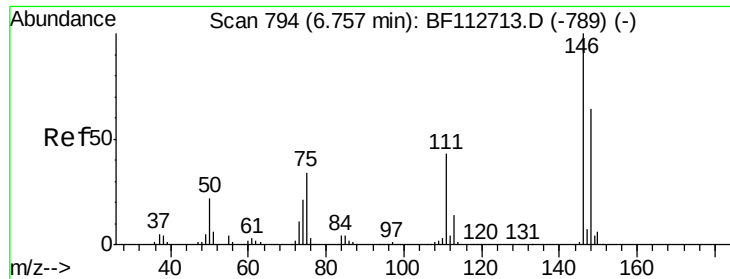
#12  
 1,3-Dichlorobenzene  
 Concen: 38.049 ng  
 RT: 6.69 min Scan# 782  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

Tgt Ion: 146 Resp: 532299  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 50.9 76.3  
 75 33.3 26.9 40.3



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 75.00 (74.70 to 75.70): BF1

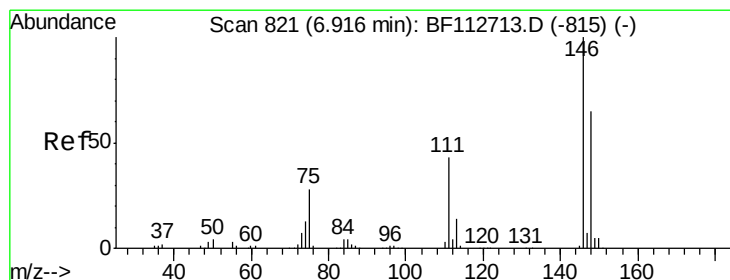
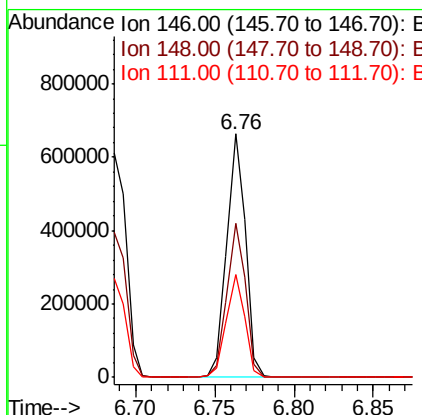
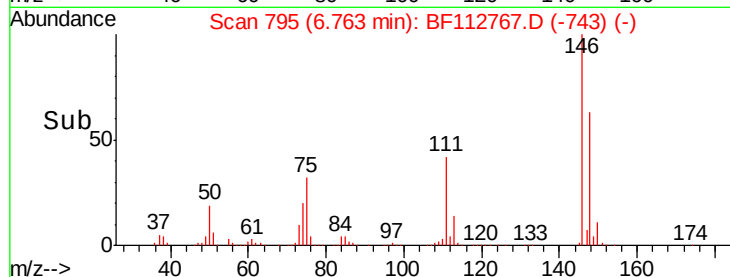
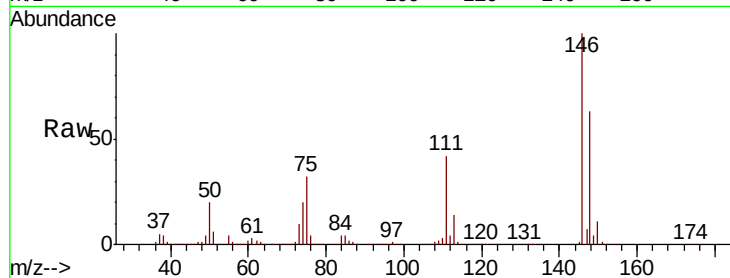




#13  
 1,4-Dichlorobenzene  
 Concen: 38.740 ng  
 RT: 6.76 min Scan# 795  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

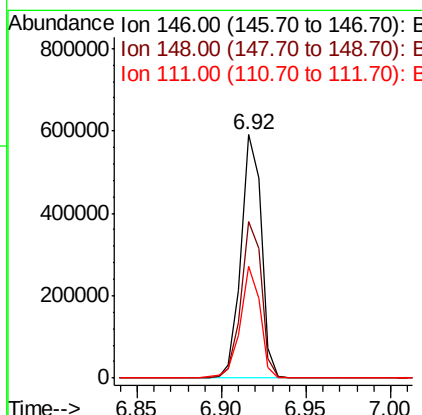
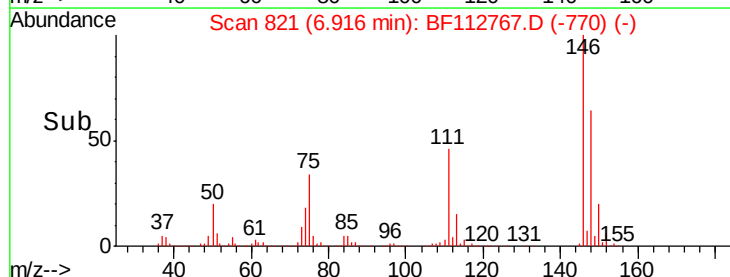
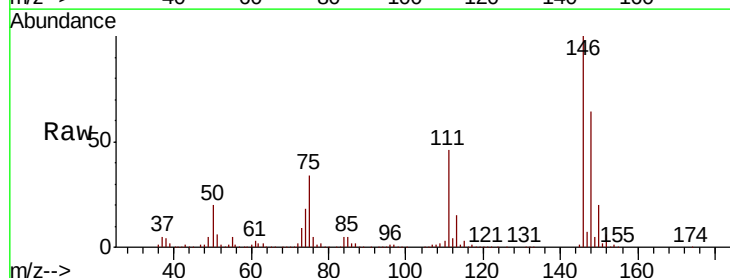
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB117468BS

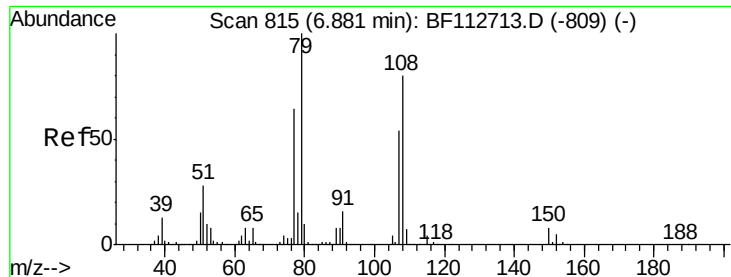
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.2  | 51.0  | 76.4  |
| 111     | 42.2  | 34.5  | 51.7  |



#14  
 1,2-Dichlorobenzene  
 Concen: 38.515 ng  
 RT: 6.92 min Scan# 821  
 Delta R.T. -0.00 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 52.0  | 78.0  |
| 111     | 45.9  | 34.8  | 52.2  |





#15

Benzyl Alcohol

Concen: 37.458 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

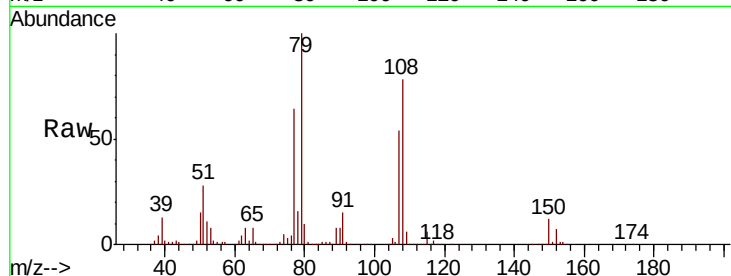
Tgt Ion: 79 Resp: 436505

Ion Ratio Lower Upper

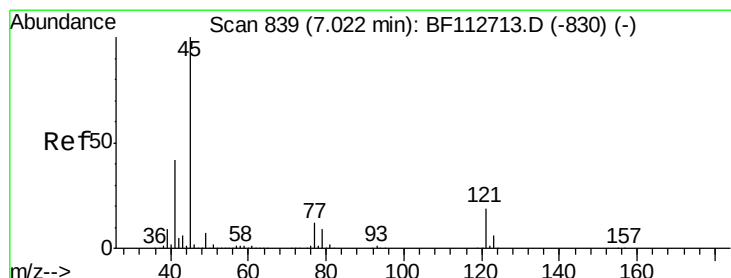
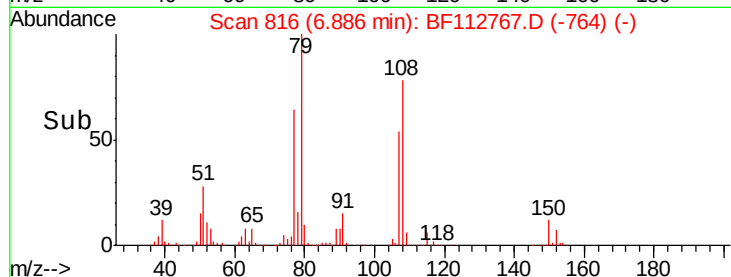
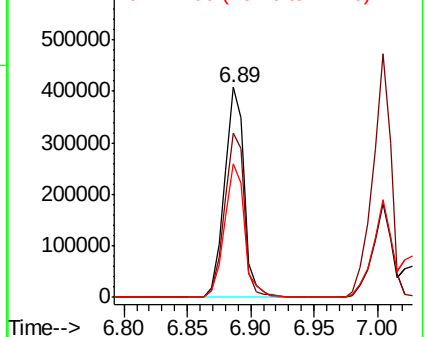
79 100

108 78.4 64.2 96.4

77 63.6 51.1 76.7



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: 34.927 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

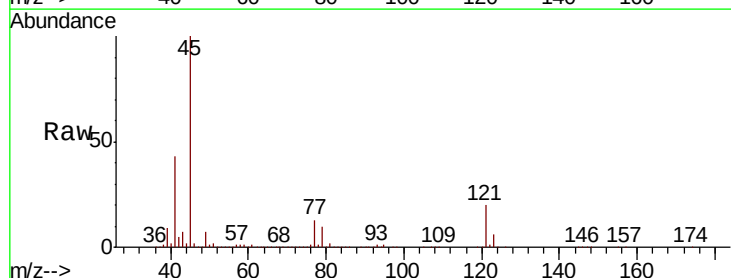
Tgt Ion: 45 Resp: 797836

Ion Ratio Lower Upper

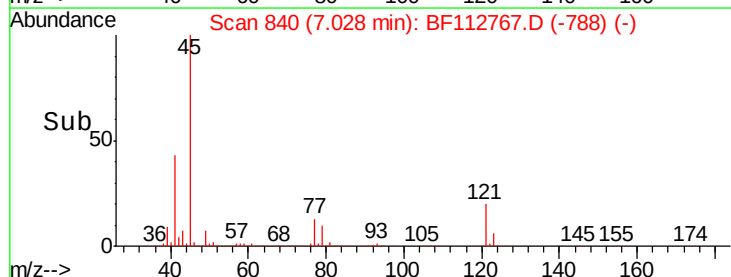
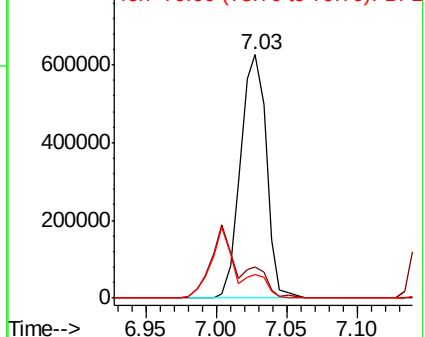
45 100

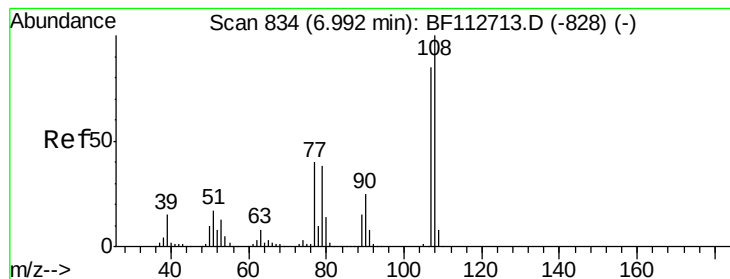
77 13.0 0.0 32.1

79 9.8 0.0 29.4



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: 37.185 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

Tgt Ion:107 Resp: 408533

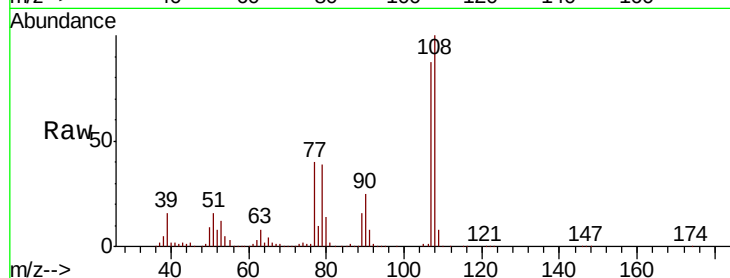
Ion Ratio Lower Upper

107 100

108 114.3 94.6 142.0

77 45.8 37.8 56.8

79 44.4 36.2 54.2



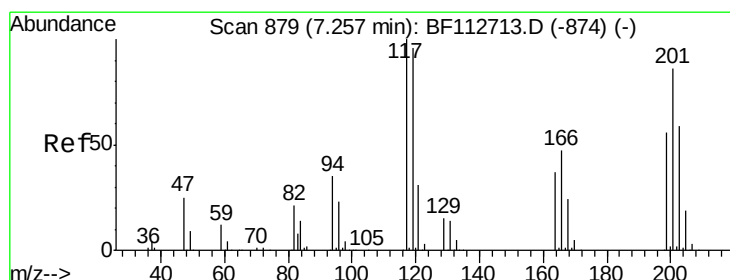
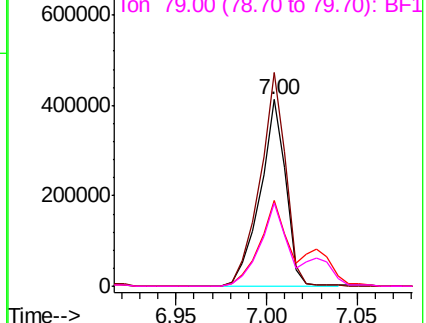
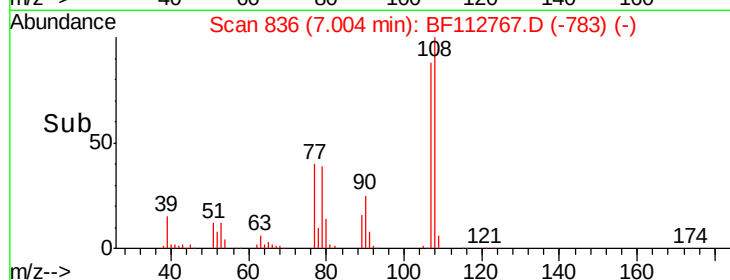
Abundance

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: 37.573 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

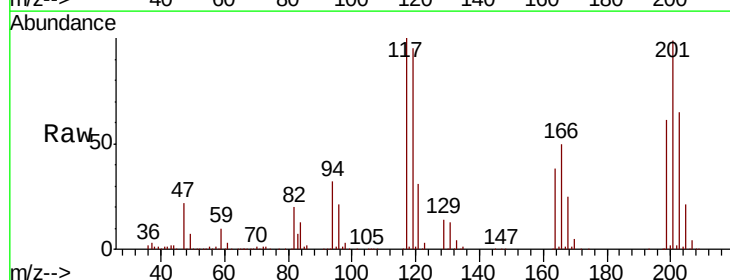
Tgt Ion:117 Resp: 201930

Ion Ratio Lower Upper

117 100

119 95.1 76.6 115.0

201 98.7 68.9 103.3

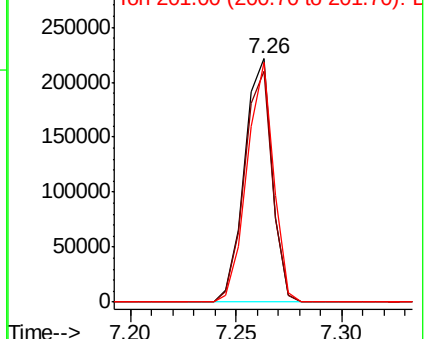
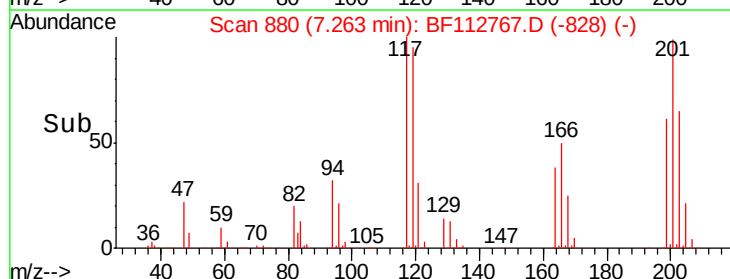


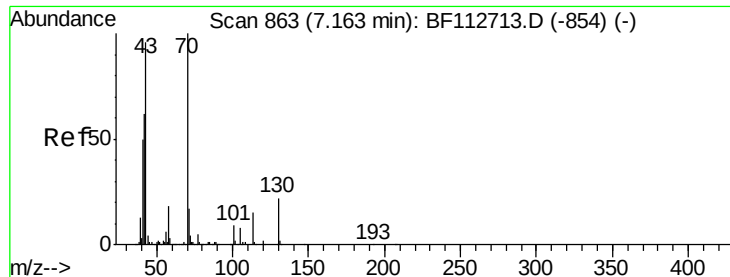
Abundance

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

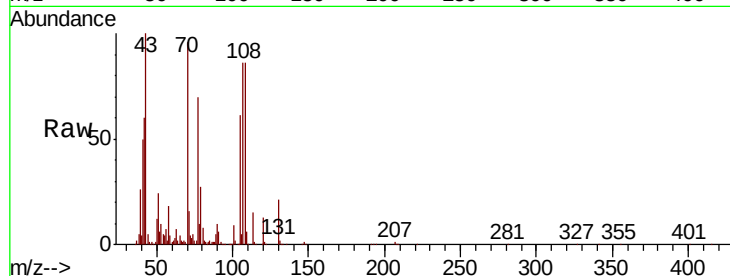




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.201 ng  
RT: 7.16 min Scan# 863  
Delta R.T. -0.00 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

Instrument :  
BNA\_F  
ClientSampleId :  
PB117468BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 340704 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 62.9  | 49.9  | 74.9   |
| 101      | 9.8   | 7.4   | 11.2   |
| 130      | 21.9  | 17.4  | 26.2   |



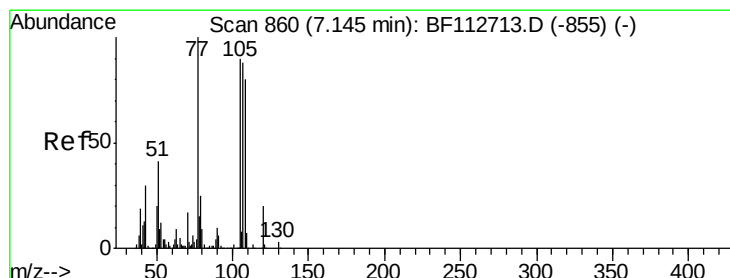
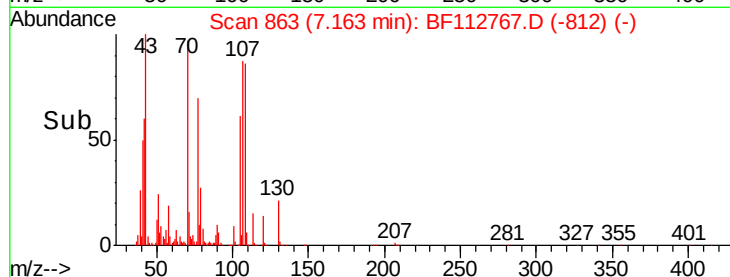
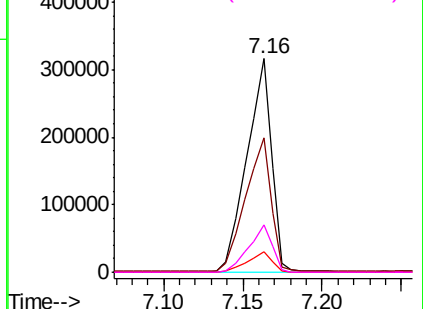
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

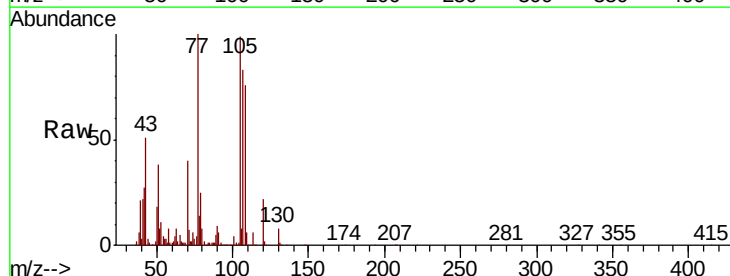
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20  
3+4-Methylphenols  
Concen: 38.494 ng  
RT: 7.16 min Scan# 862  
Delta R.T. 0.01 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 477462 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.9  | 71.4  | 111.4  |
| 77       | 120.3 | 94.1  | 134.1  |
| 79       | 29.8  | 8.6   | 48.6   |



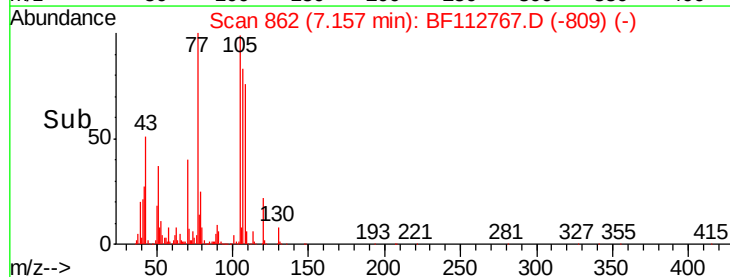
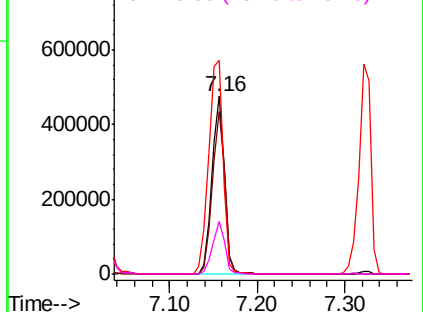
Abundance

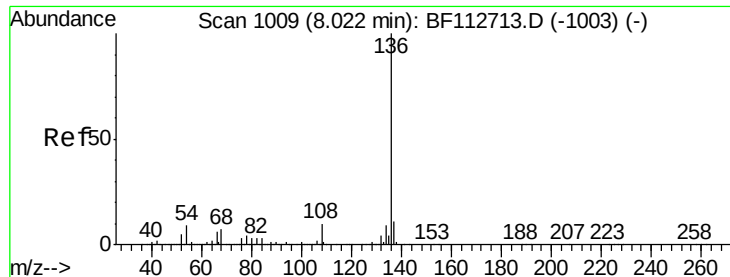
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

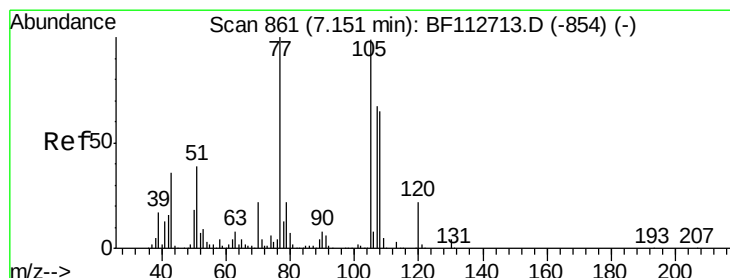
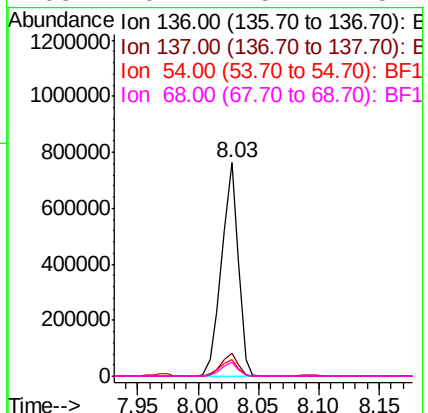
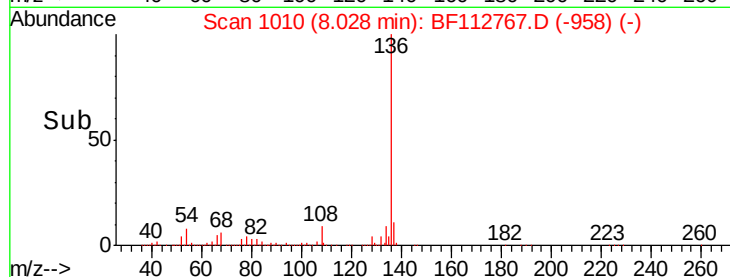
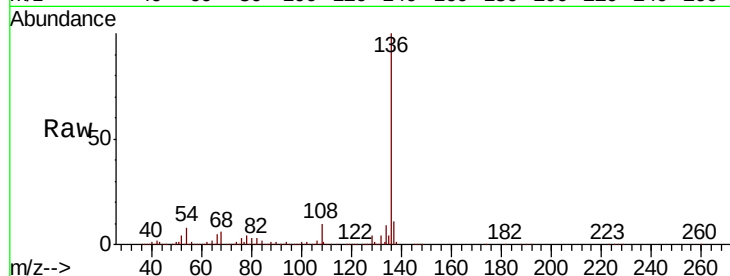




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. 0.01 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

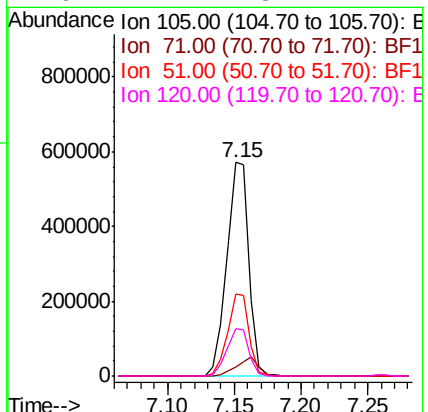
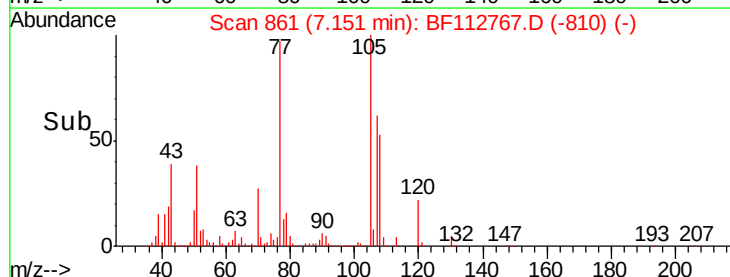
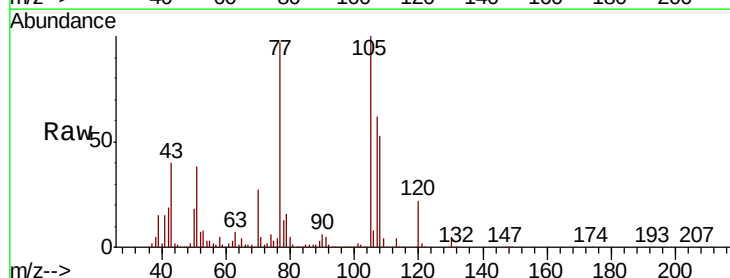
Instrument :  
BNA\_F  
ClientSampleId :  
PB117468BS

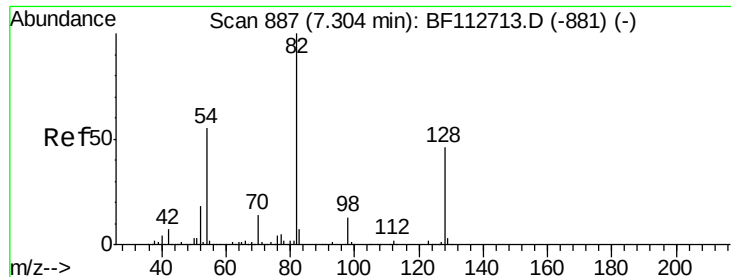
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 727209 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.9   | 13.3   |
| 54        | 7.9   | 7.3   | 10.9   |
| 68        | 6.4   | 5.4   | 8.2    |



#22  
Acetophenone  
Concen: 39.177 ng  
RT: 7.15 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 666169 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 4.5   | 3.0   | 4.4#   |
| 51        | 38.1  | 31.5  | 47.3   |
| 120       | 22.1  | 18.1  | 27.1   |

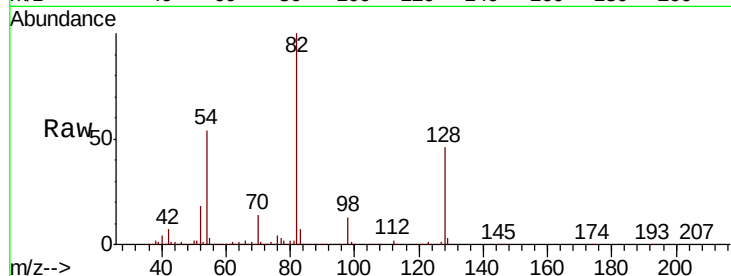




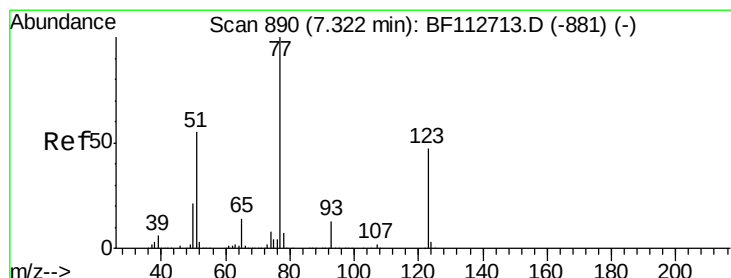
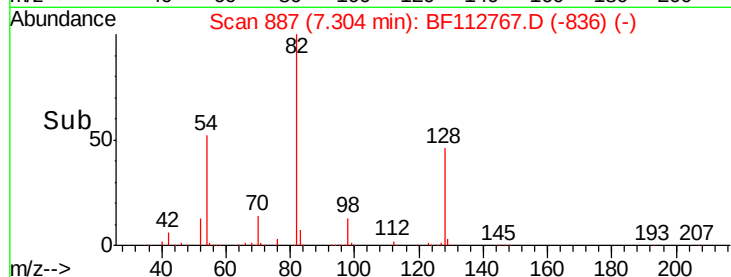
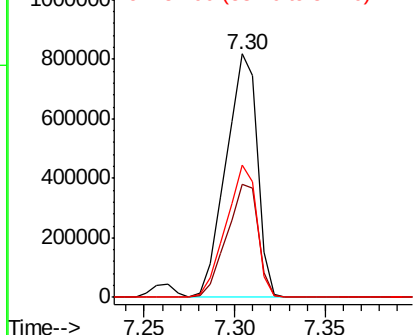
#23  
 Nitrobenzene-d5  
 Concen: 80.684 ng  
 RT: 7.30 min Scan# 887  
 Delta R.T. -0.00 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB117468BS

Tgt Ion: 82 Resp: 980548  
 Ion Ratio Lower Upper  
 82 100  
 128 46.2 36.3 54.5  
 54 54.2 43.7 65.5

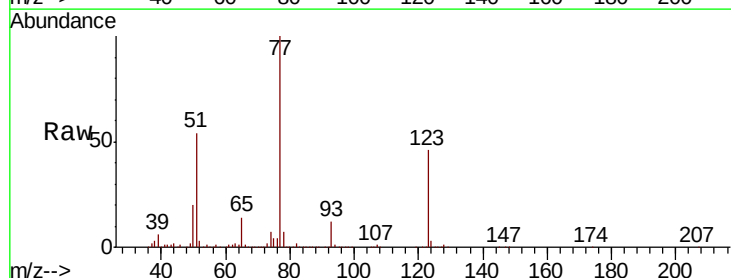


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

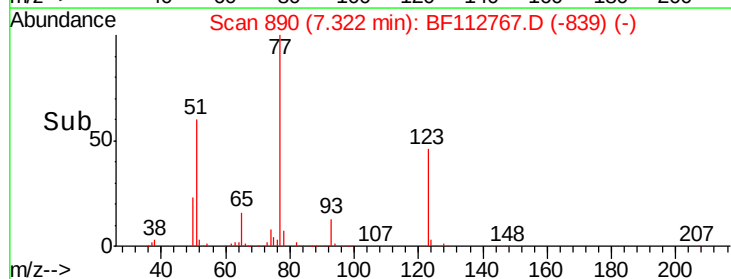
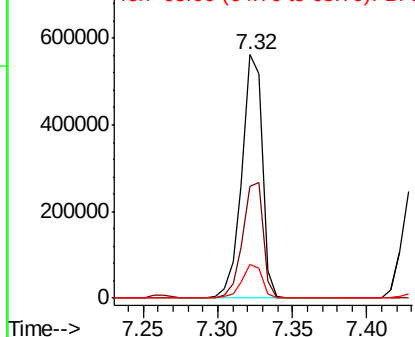


#24  
 Nitrobenzene  
 Concen: 39.551 ng  
 RT: 7.32 min Scan# 890  
 Delta R.T. -0.00 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

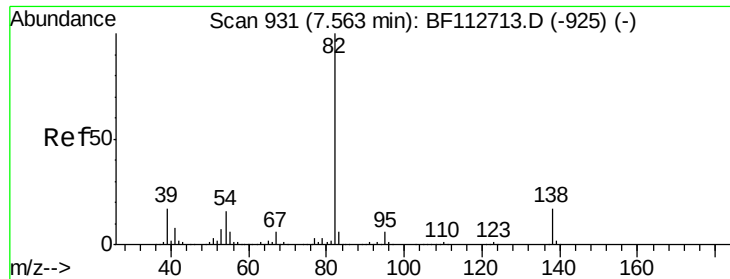
Tgt Ion: 77 Resp: 534980  
 Ion Ratio Lower Upper  
 77 100  
 123 46.0 37.8 56.6  
 65 14.0 11.1 16.7



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



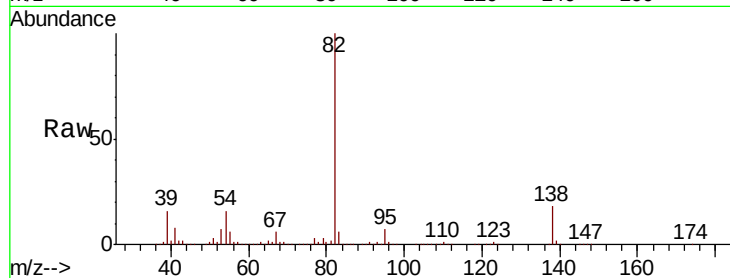




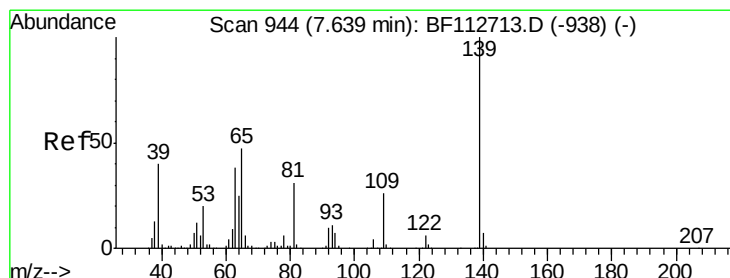
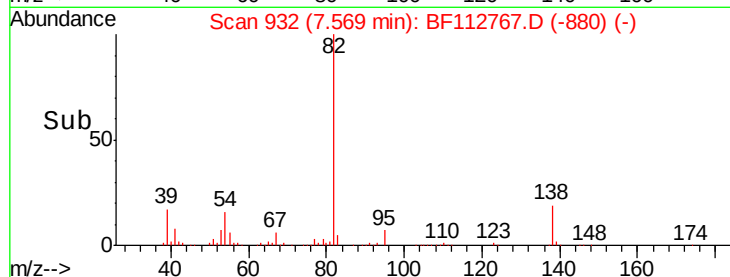
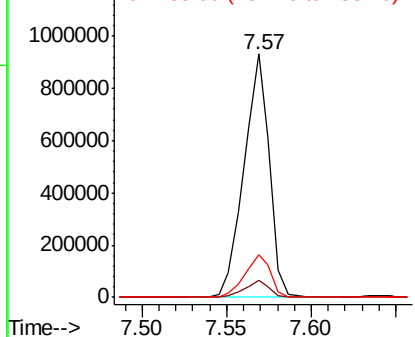
#25  
Isophorone  
Concen: 37.061 ng  
RT: 7.57 min Scan# 932  
Delta R.T. 0.01 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

Instrument :  
BNA\_F  
ClientSampleId :  
PB117468BS

Tgt Ion: 82 Resp: 970322  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.2 7.8  
138 17.7 13.8 20.8

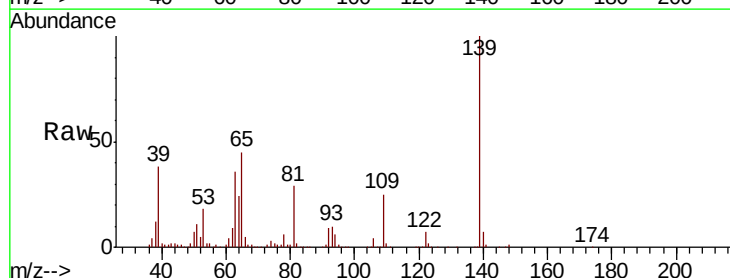


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1

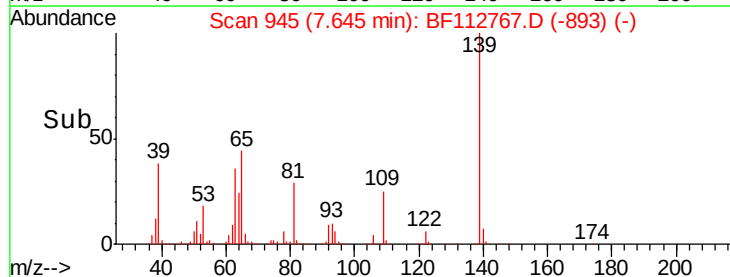
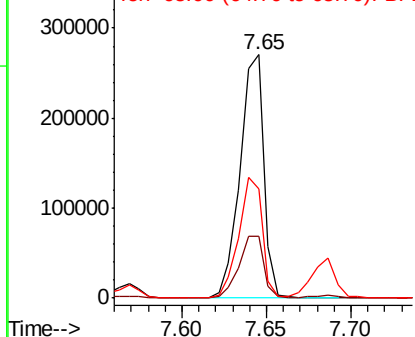


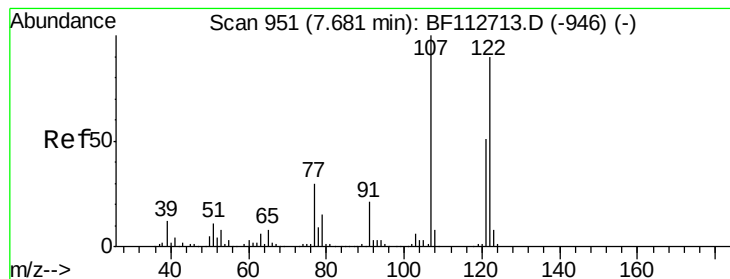
#26  
2-Nitrophenol  
Concen: 47.432 ng  
RT: 7.65 min Scan# 945  
Delta R.T. 0.01 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

Tgt Ion: 139 Resp: 267073  
Ion Ratio Lower Upper  
139 100  
109 25.4 20.6 31.0  
65 44.8 37.9 56.9



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.437 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

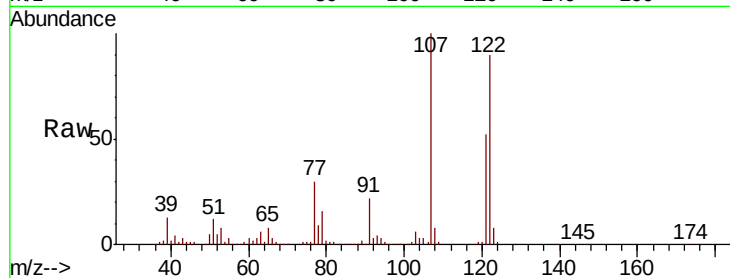
Tgt Ion:122 Resp: 444535

Ion Ratio Lower Upper

122 100

107 111.1 89.4 134.0

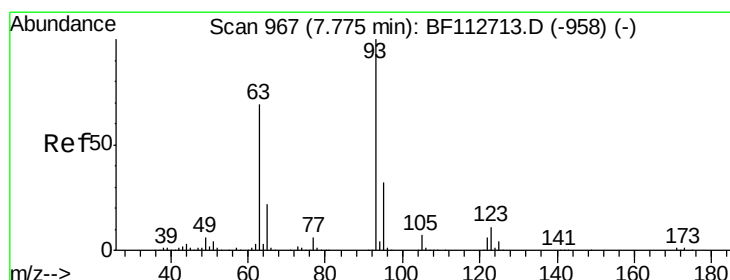
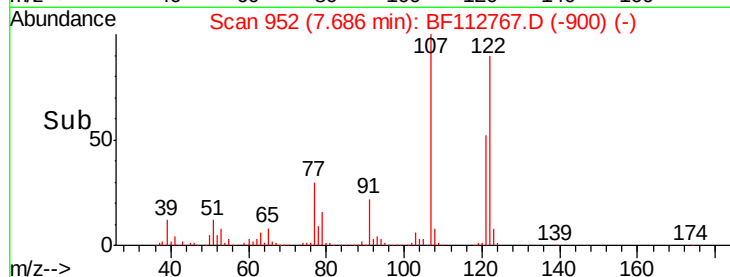
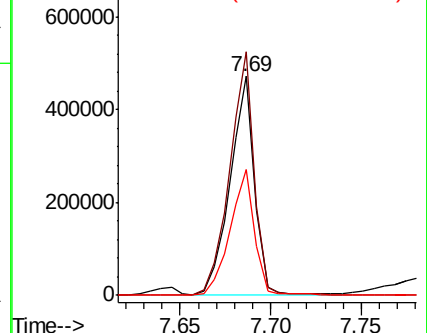
121 57.4 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.135 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

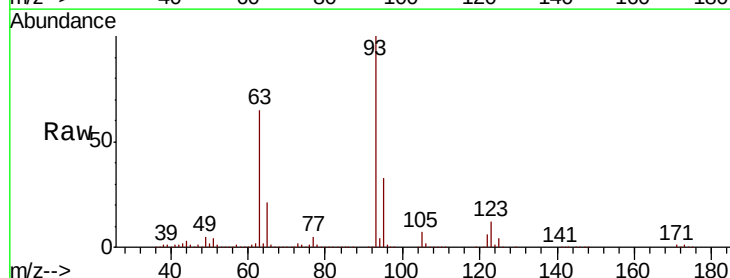
Tgt Ion: 93 Resp: 624239

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

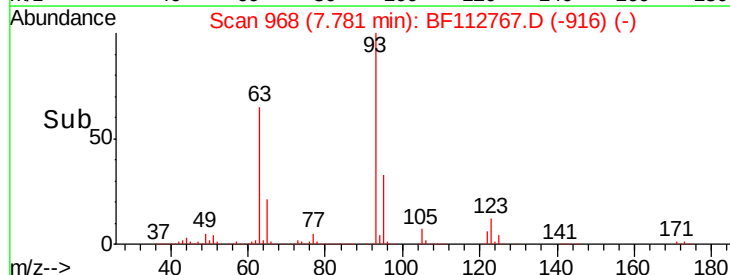
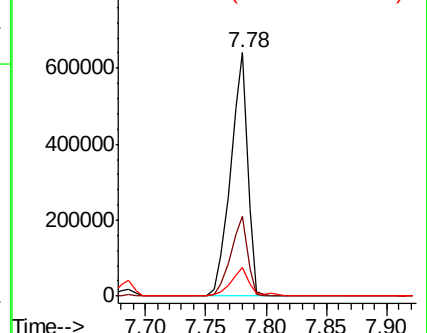
123 11.7 9.3 13.9

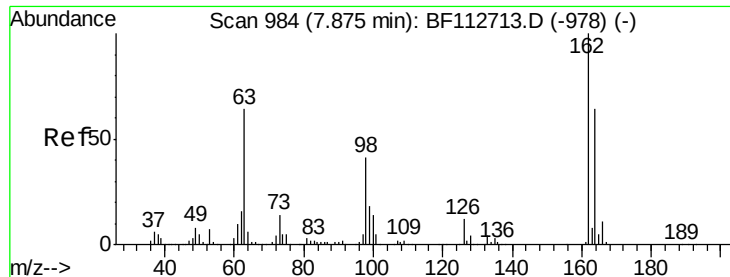


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

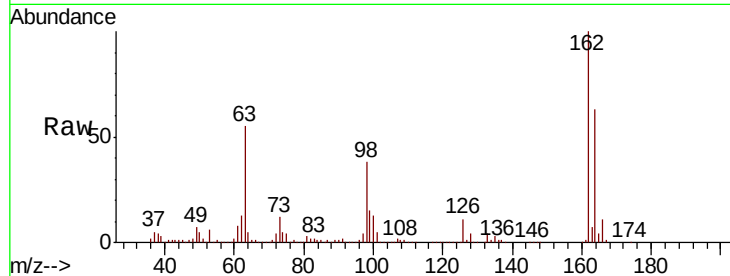




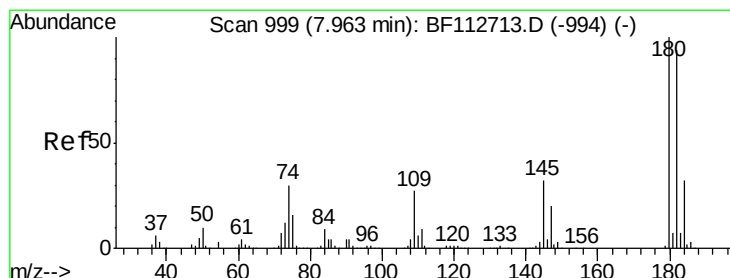
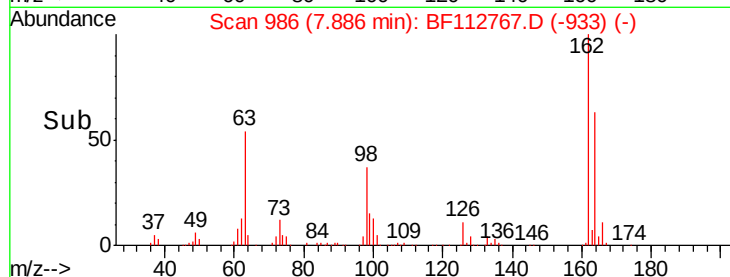
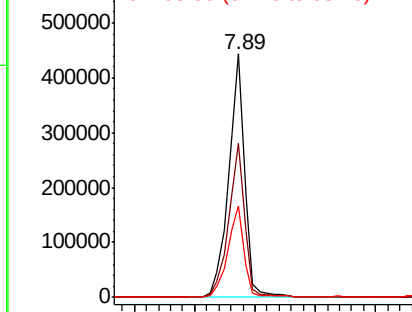
#29  
2,4-Dichlorophenol  
Concen: 40.364 ng  
RT: 7.89 min Scan# 986  
Delta R.T. 0.01 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

Instrument :  
BNA\_F  
ClientSampleId :  
PB117468BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.3  | 44.0  | 84.0  |
| 98      | 37.6  | 20.7  | 60.7  |

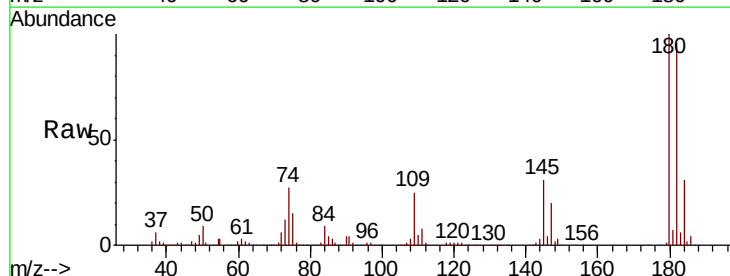


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

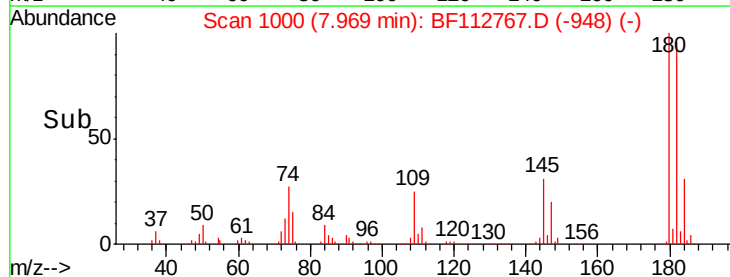
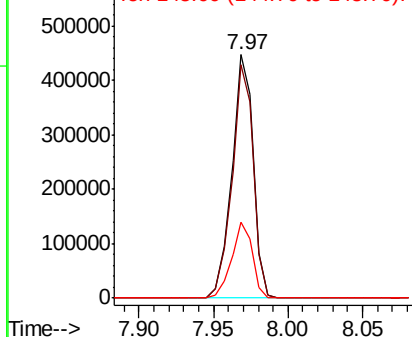


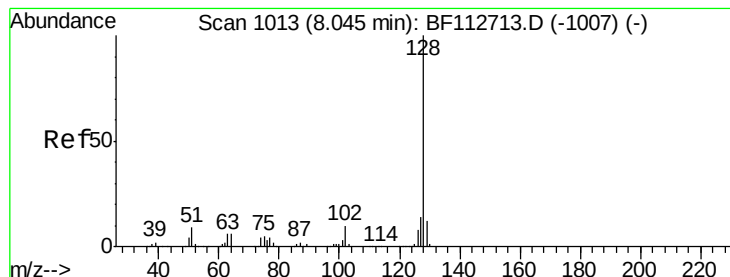
#30  
1,2,4-Trichlorobenzene  
Concen: 41.405 ng  
RT: 7.97 min Scan# 1000  
Delta R.T. 0.01 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 75.2  | 112.8 |
| 145     | 31.1  | 25.4  | 38.0  |



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





#31

Naphthalene

Concen: 39.903 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

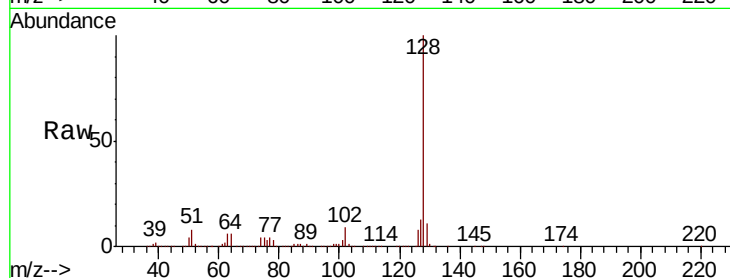
Tgt Ion:128 Resp: 1440677

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

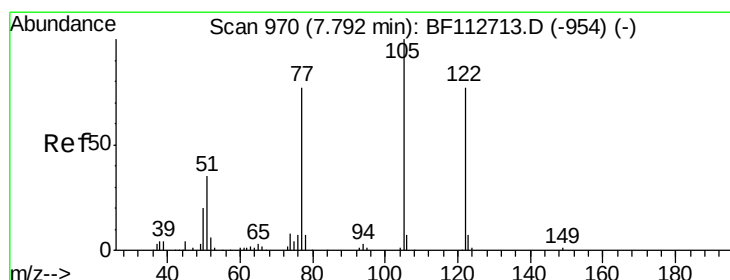
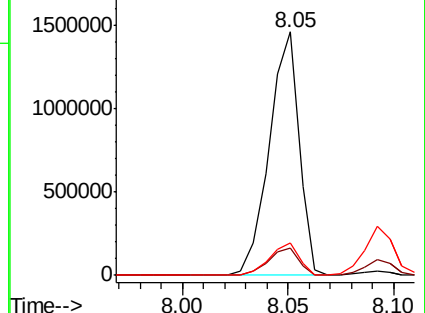
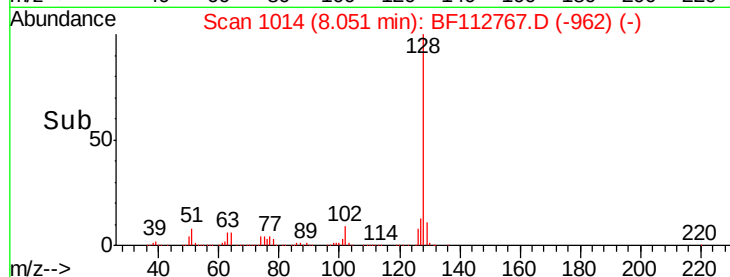
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.266 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

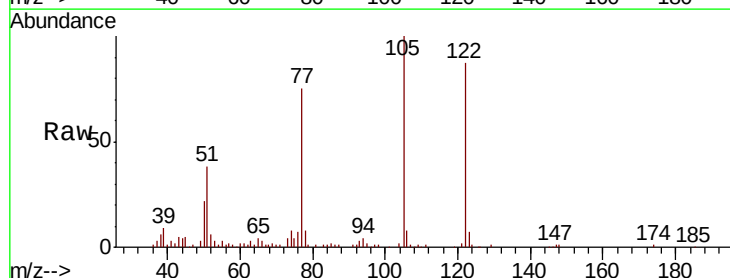
Tgt Ion:122 Resp: 163476

Ion Ratio Lower Upper

122 100

105 114.3 106.8 146.8

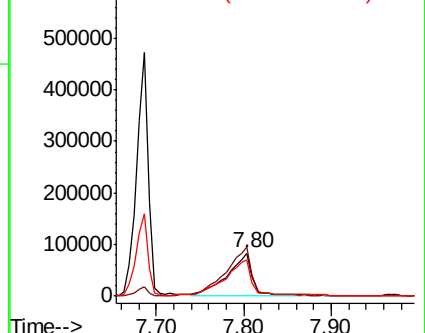
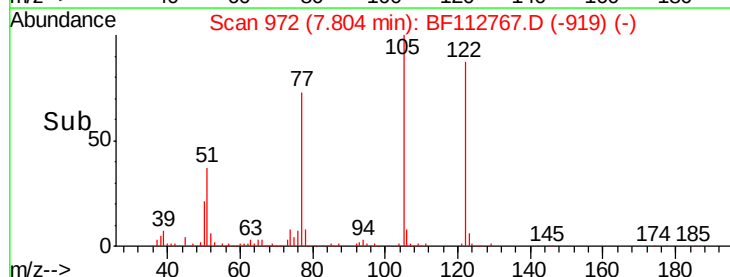
77 86.0 79.4 119.4

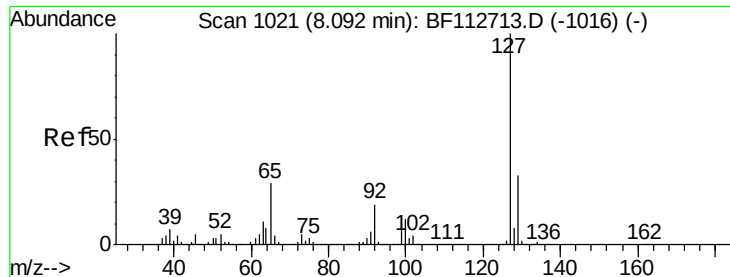


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

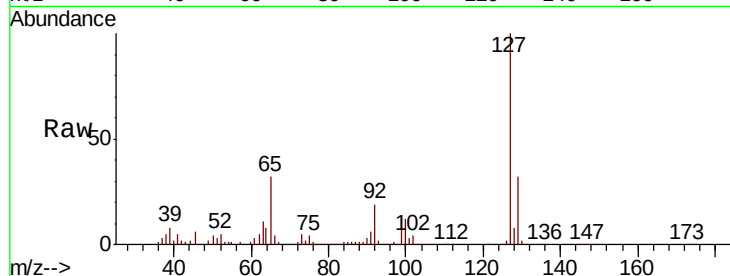




#33  
4-Chloroaniline  
Concen: 19.215 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. -0.00 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

Instrument :  
BNA\_F  
ClientSampleId :  
PB117468BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 293832 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.7  | 26.4  | 39.6   |
| 65       | 31.5  | 23.1  | 34.7   |
| 92       | 19.3  | 14.9  | 22.3   |



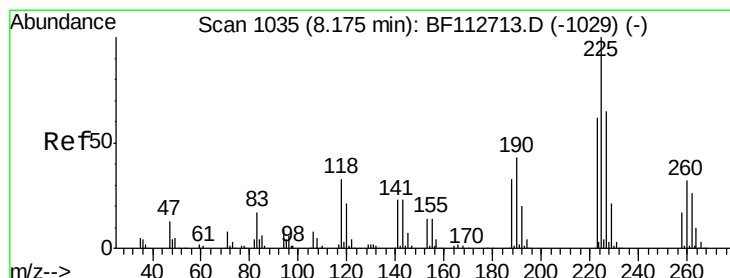
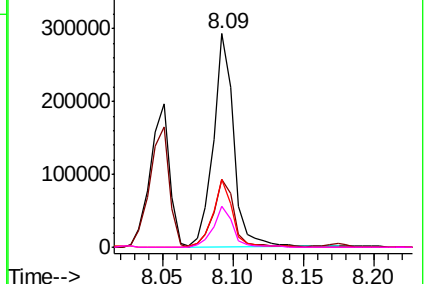
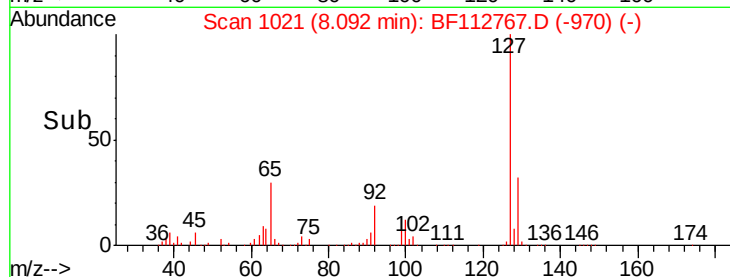
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

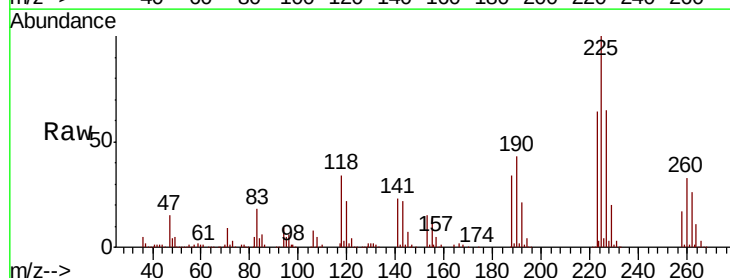
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34  
Hexachlorobutadiene  
Concen: 41.614 ng  
RT: 8.17 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 256168 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.0  | 49.7  | 74.5   |
| 227      | 65.1  | 52.1  | 78.1   |

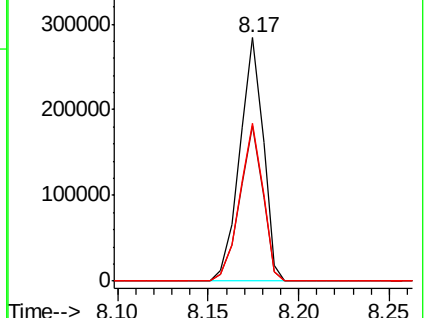
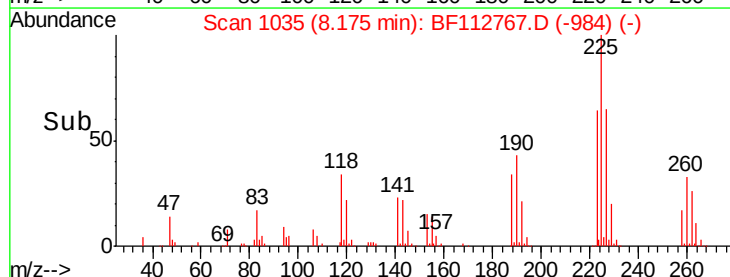


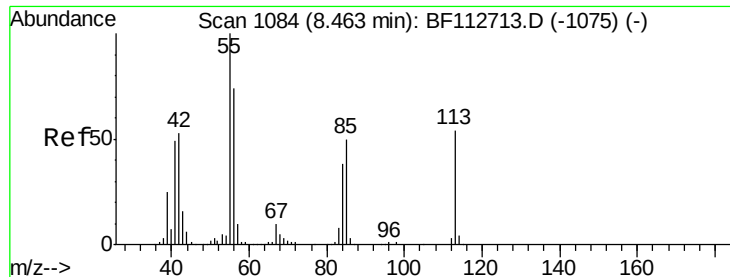
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

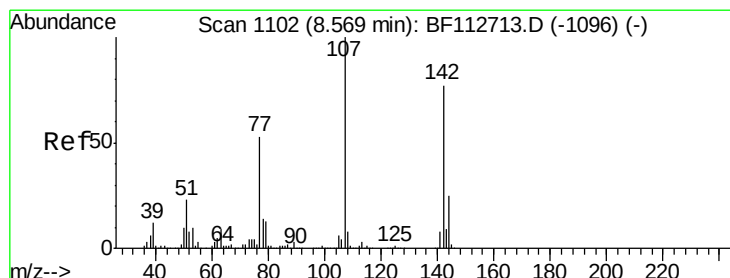
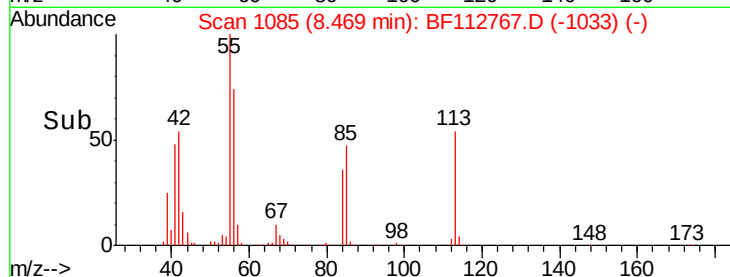
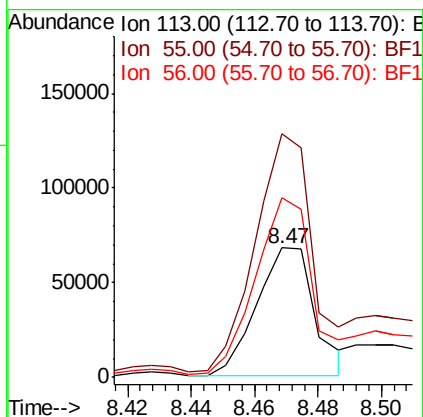
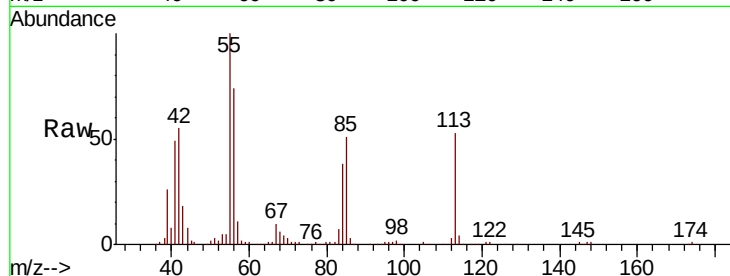




#35  
 Caprolactam  
 Concen: 24.105 ng  
 RT: 8.47 min Scan# 1085  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

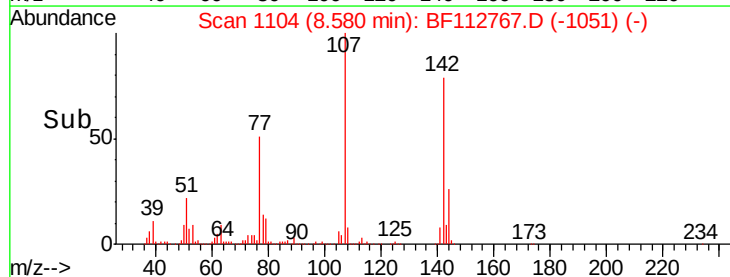
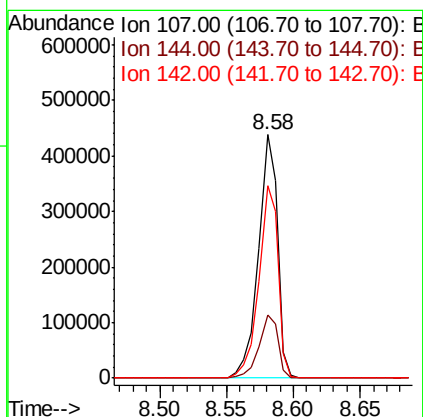
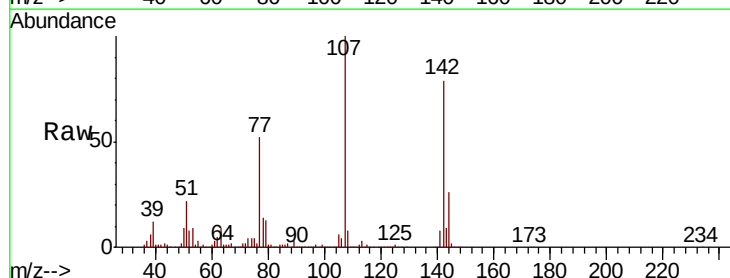
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB117468BS

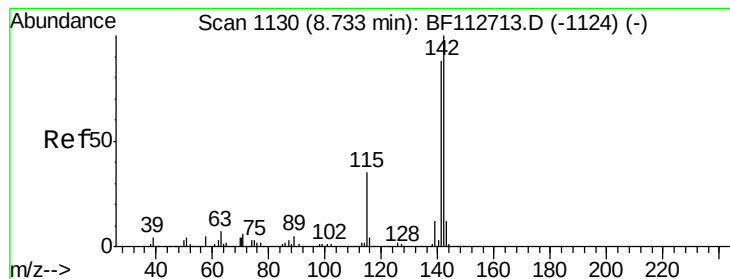
Tgt Ion:113 Resp: 86243  
 Ion Ratio Lower Upper  
 113 100  
 55 188.0 163.5 203.5  
 56 138.4 115.3 155.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 37.981 ng  
 RT: 8.58 min Scan# 1104  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

Tgt Ion:107 Resp: 426990  
 Ion Ratio Lower Upper  
 107 100  
 144 26.1 20.1 30.1  
 142 79.3 61.9 92.9





#37

2-Methylnaphthalene

Concen: 40.906 ng

RT: 8.74 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

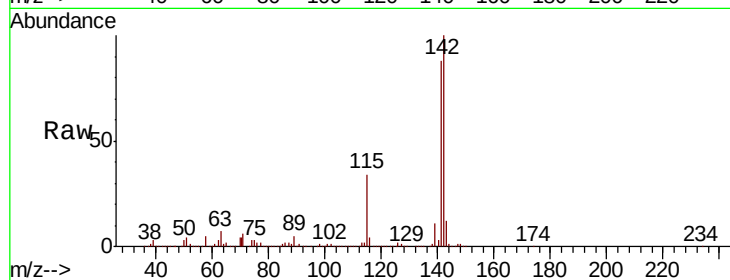
Tgt Ion:142 Resp: 953742

Ion Ratio Lower Upper

142 100

141 88.0 70.3 105.5

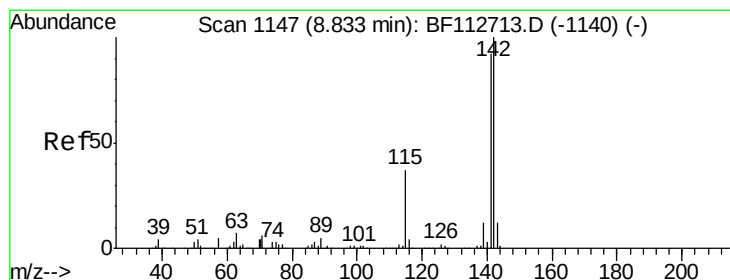
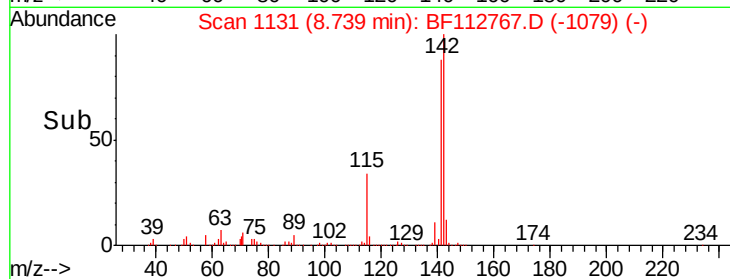
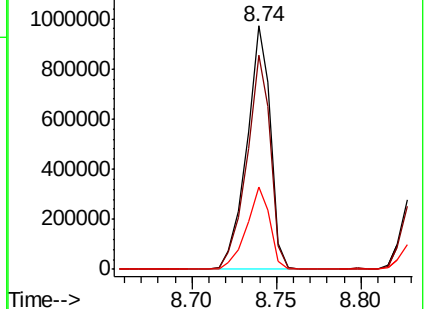
115 34.0 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.723 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

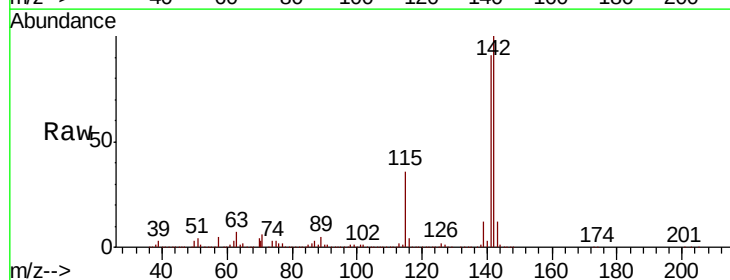
Tgt Ion:142 Resp: 897177

Ion Ratio Lower Upper

142 100

141 91.5 73.7 110.5

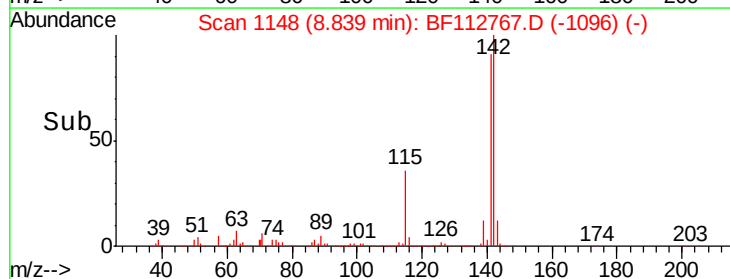
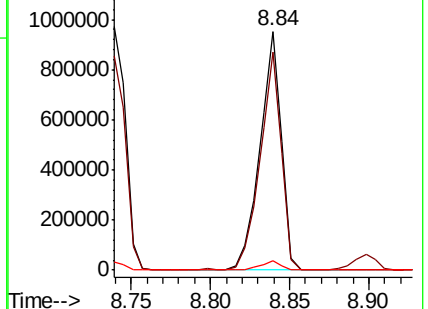
116 3.7 3.1 4.7

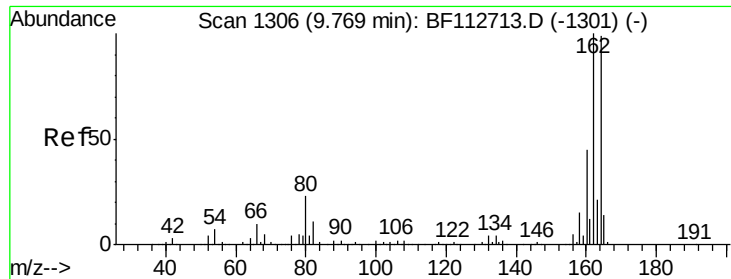


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

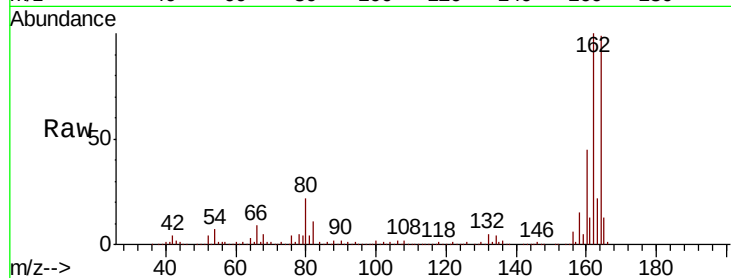




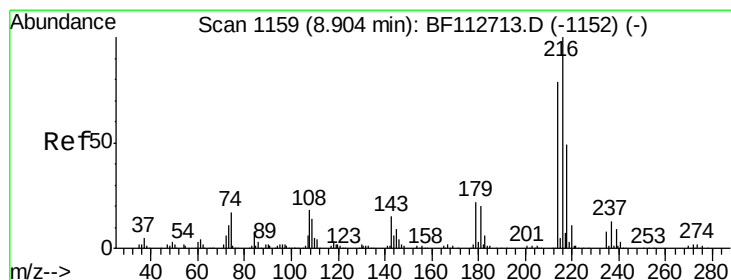
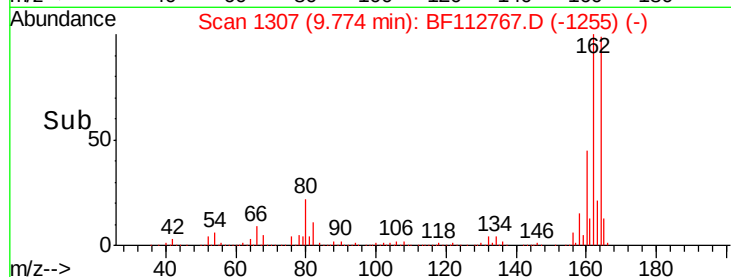
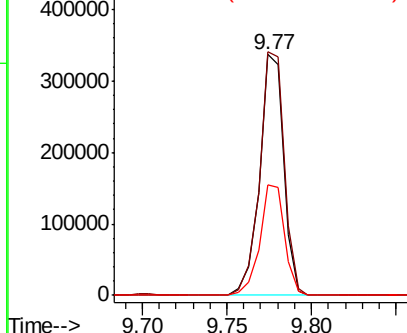
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.77 min Scan# 1307  
Delta R.T. 0.01 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

Instrument :  
BNA\_F  
ClientSampleId :  
PB117468BS

Tgt Ion:164 Resp: 333684  
Ion Ratio Lower Upper  
164 100  
162 101.1 80.6 120.8  
160 45.9 36.0 54.0

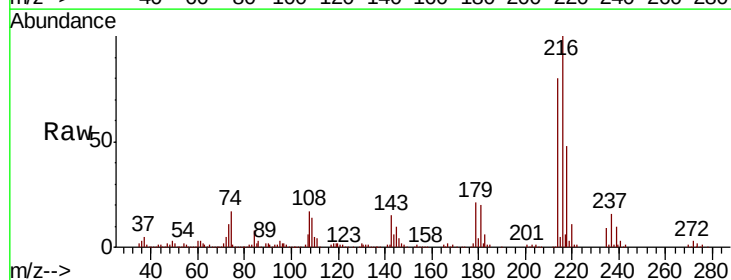


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

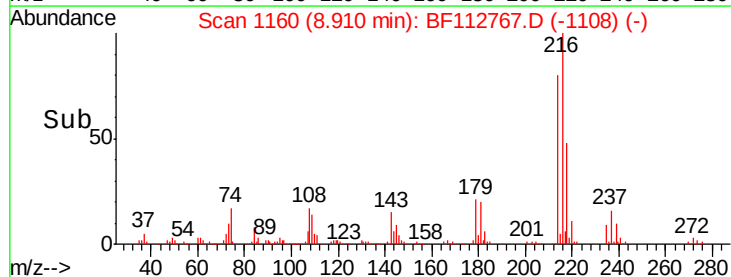
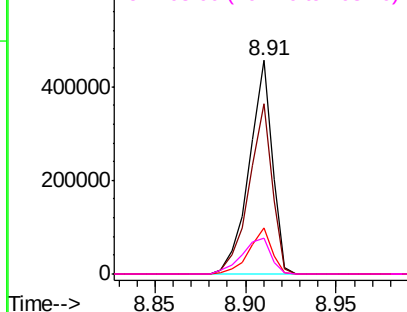


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.601 ng  
RT: 8.91 min Scan# 1160  
Delta R.T. 0.01 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

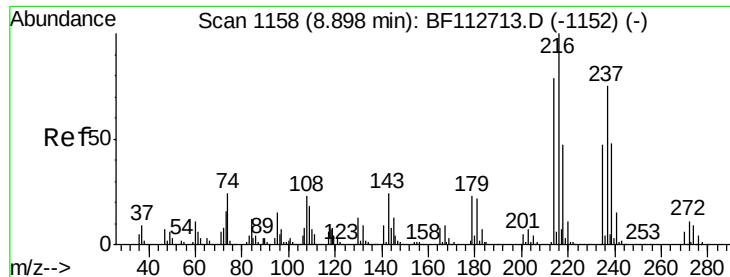
Tgt Ion:216 Resp: 404801  
Ion Ratio Lower Upper  
216 100  
214 79.1 63.2 94.8  
179 20.9 17.5 26.3  
108 20.9 16.7 25.1



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: 92.499 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

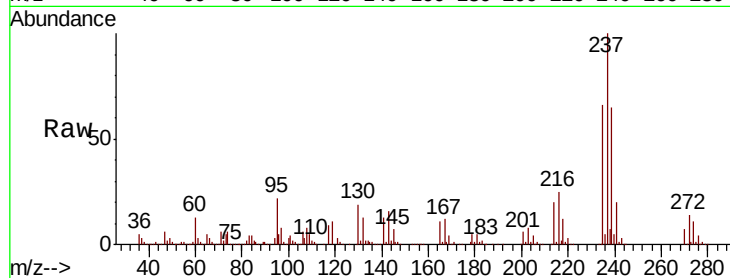
Tgt Ion: 237 Resp: 492876

Ion Ratio Lower Upper

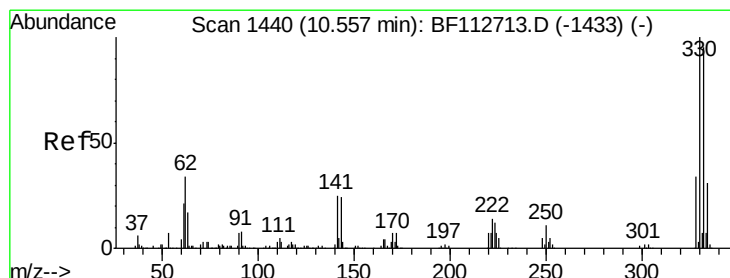
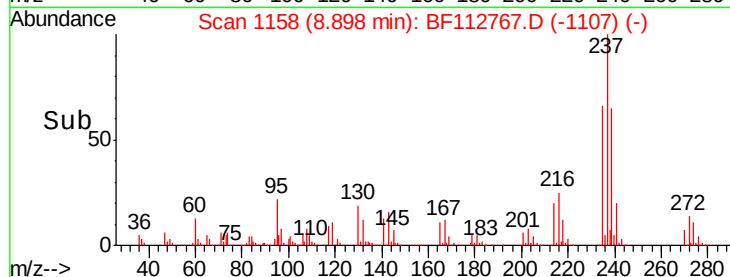
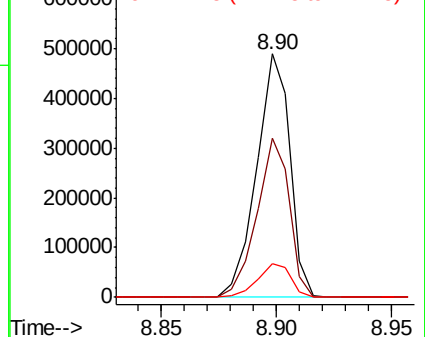
237 100

235 65.5 42.2 82.2

272 14.0 0.0 34.0



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



#42

2,4,6-Tribromophenol

Concen: 135.664 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

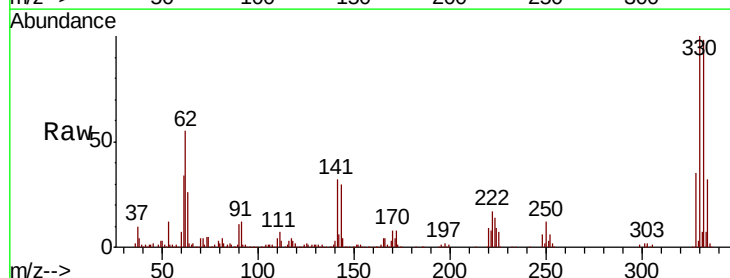
Tgt Ion: 330 Resp: 480585

Ion Ratio Lower Upper

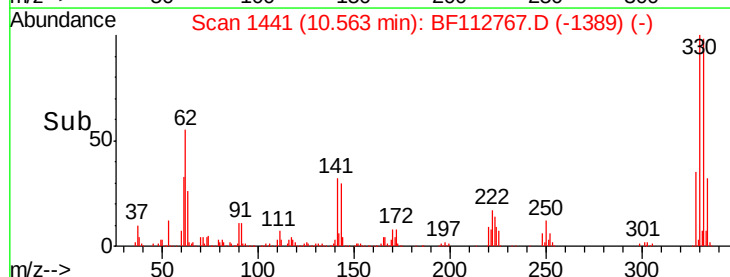
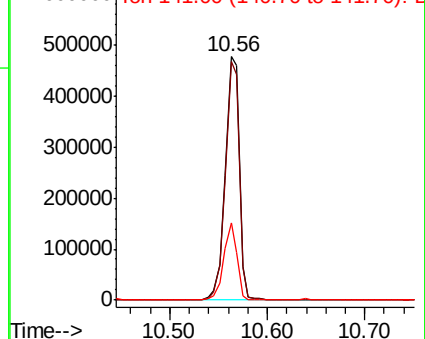
330 100

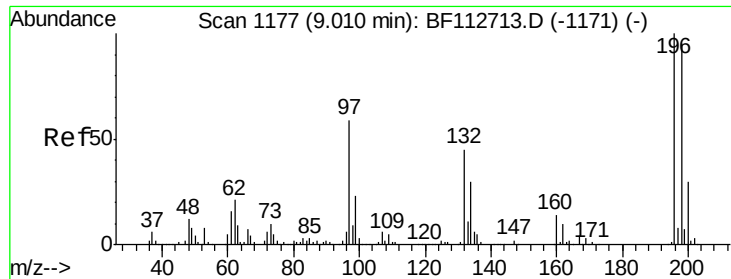
332 96.6 76.2 114.4

141 29.8 27.0 40.6



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

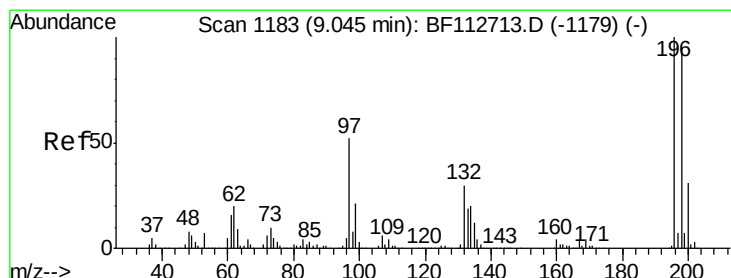
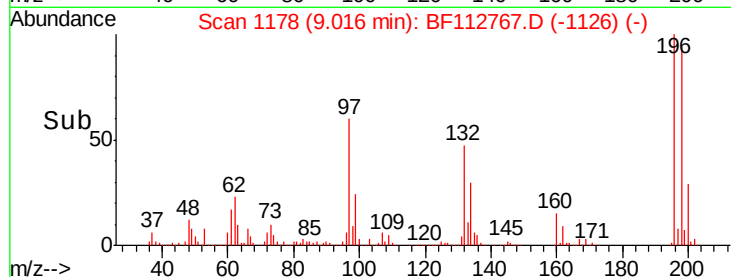
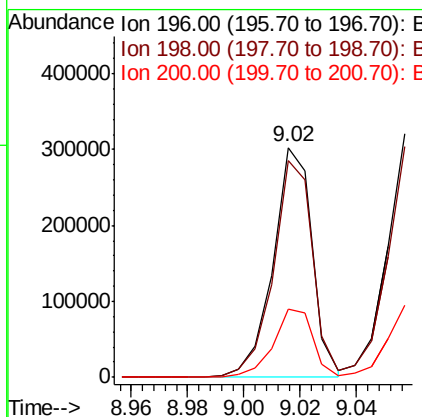
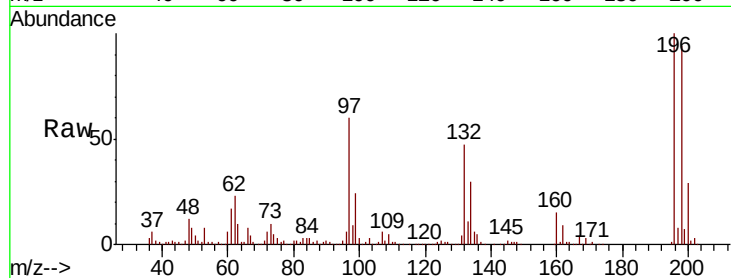




#43  
 2,4,6-Trichlorophenol  
 Concen: 43.404 ng  
 RT: 9.02 min Scan# 1178  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

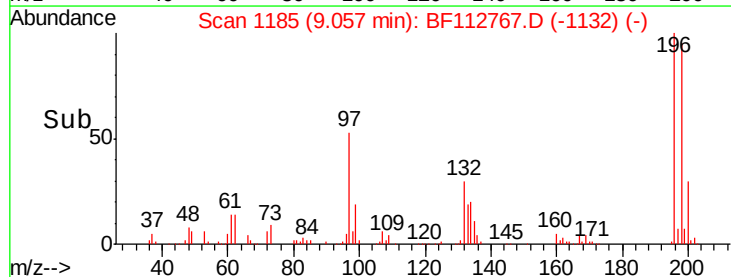
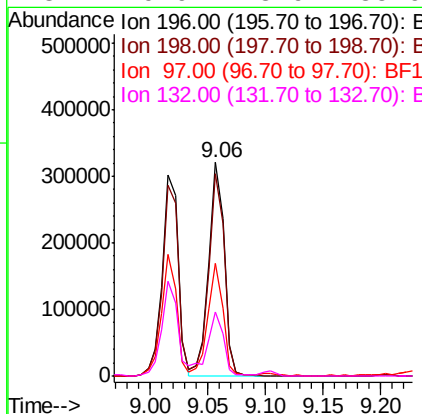
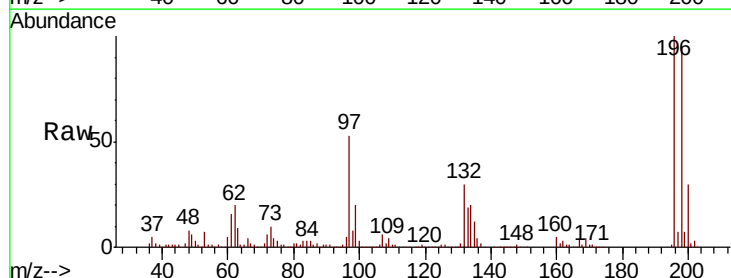
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB117468BS

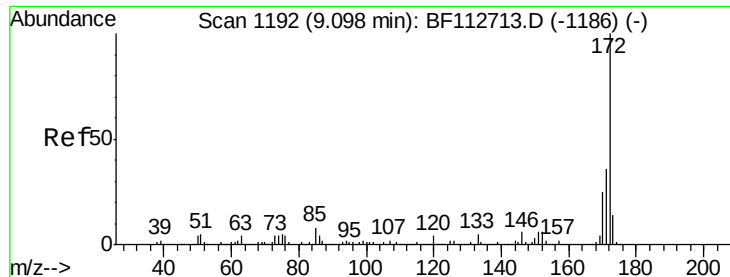
Tgt Ion:196 Resp: 290670  
 Ion Ratio Lower Upper  
 196 100  
 198 94.4 75.8 113.8  
 200 29.5 24.3 36.5



#44  
 2,4,5-Trichlorophenol  
 Concen: 41.788 ng  
 RT: 9.06 min Scan# 1185  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

Tgt Ion:196 Resp: 302484  
 Ion Ratio Lower Upper  
 196 100  
 198 94.7 76.2 114.2  
 97 53.0 41.5 62.3  
 132 29.9 23.9 35.9

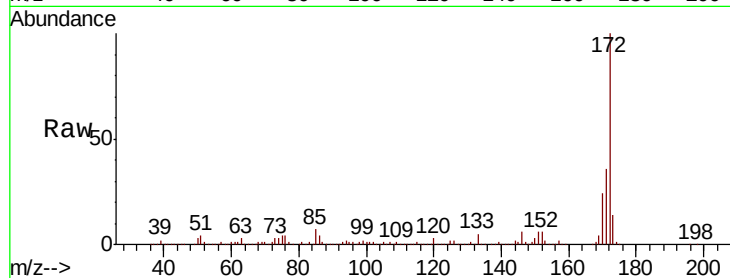




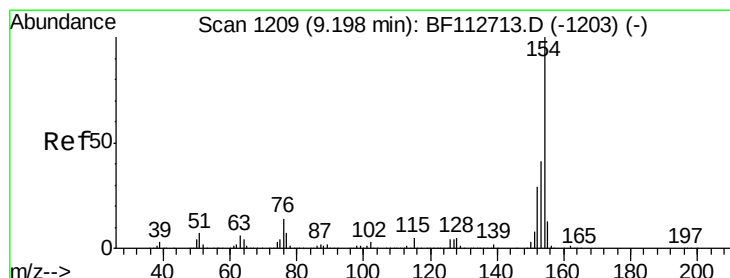
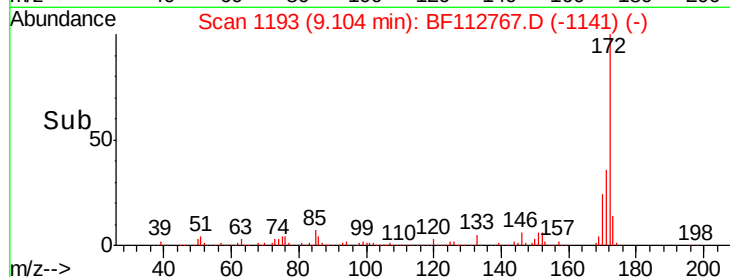
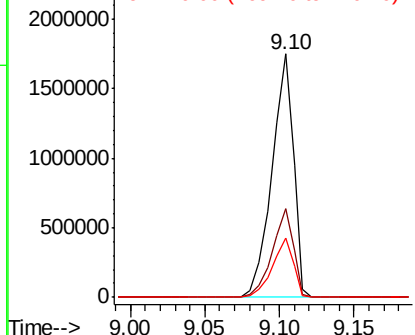
#45  
2-Fluorobiphenyl  
Concen: 90.565 ng  
RT: 9.10 min Scan# 1193  
Delta R.T. 0.01 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

Instrument :  
BNA\_F  
ClientSampleId :  
PB117468BS

Tgt Ion:172 Resp: 1744161  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.0 43.4  
170 24.4 20.0 30.0

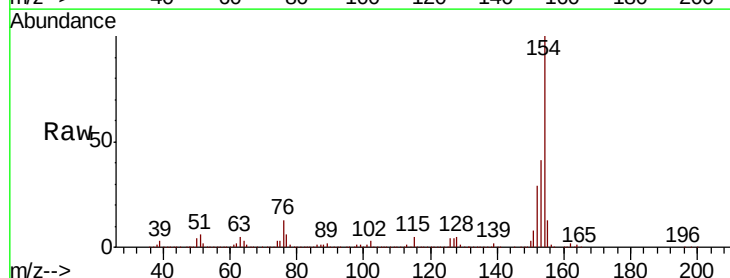


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

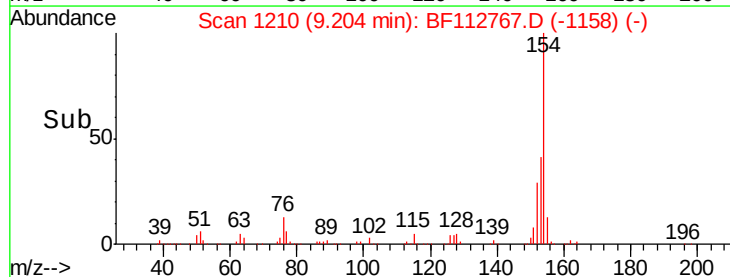
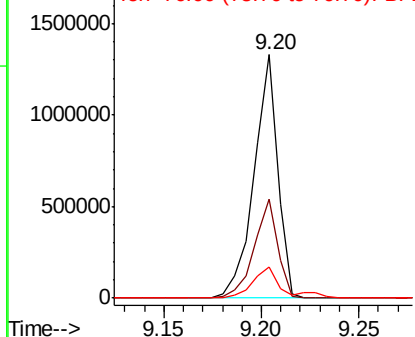


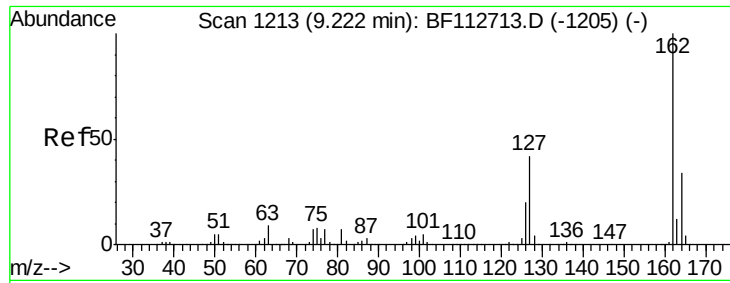
#46  
1,1'-Biphenyl  
Concen: 41.216 ng  
RT: 9.20 min Scan# 1210  
Delta R.T. 0.01 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

Tgt Ion:154 Resp: 1121794  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.8 60.8  
76 12.9 0.0 33.8



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

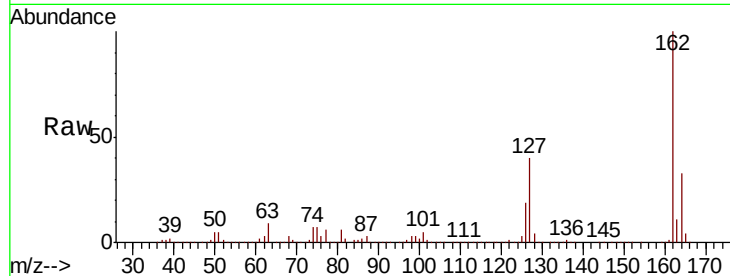




#47  
 2-Chloronaphthalene  
 Concen: 40.851 ng  
 RT: 9.23 min Scan# 1214  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB117468BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.0  | 33.4  | 50.2  |
| 164     | 33.2  | 26.9  | 40.3  |

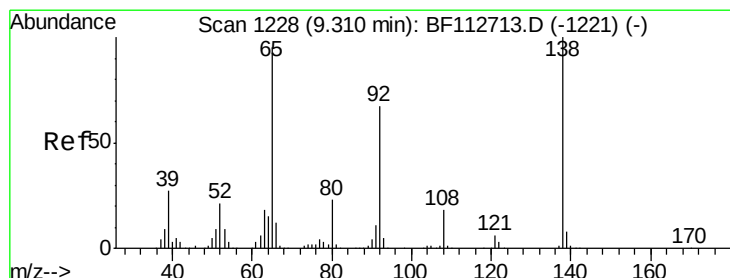
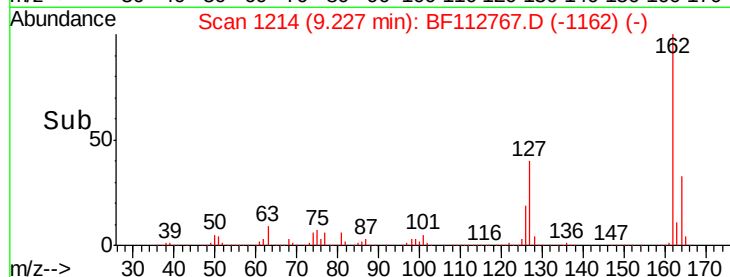
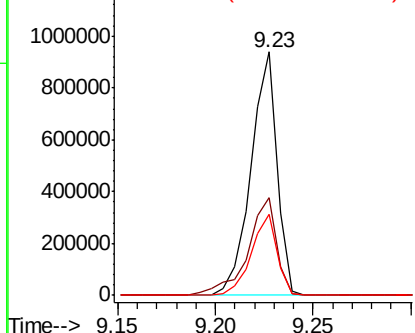


Abundance

Ion 162.00 (161.70 to 162.70): E

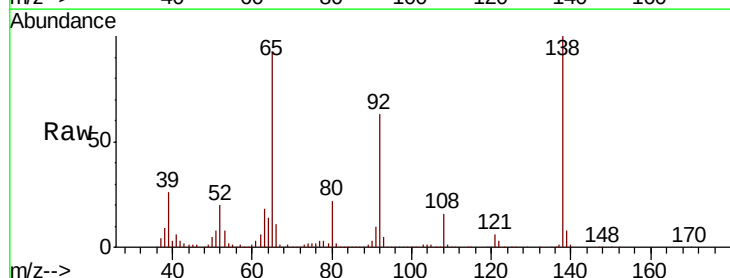
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
 2-Nitroaniline  
 Concen: 41.894 ng  
 RT: 9.32 min Scan# 1229  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.5  | 56.4  | 84.6  |
| 138     | 107.4 | 84.6  | 126.8 |

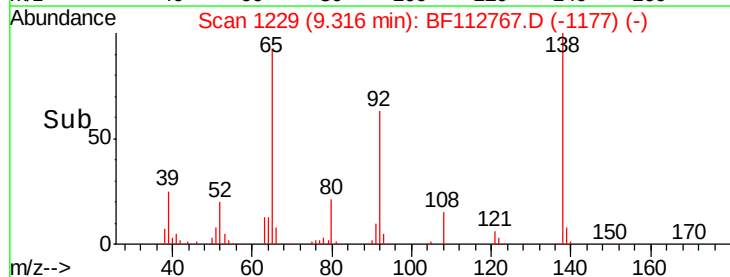
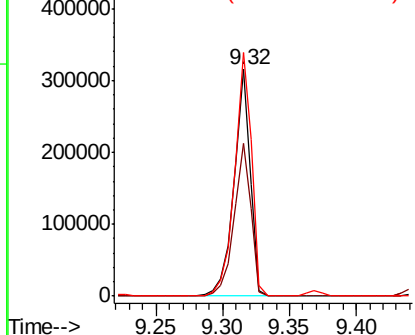


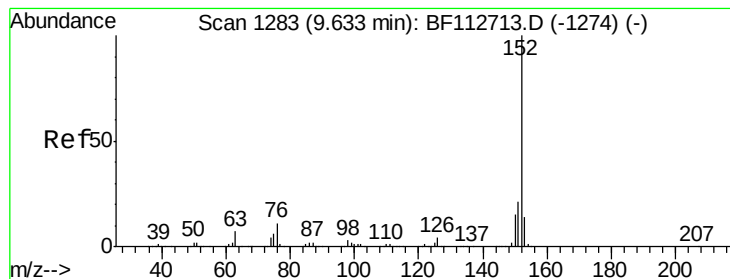
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.634 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

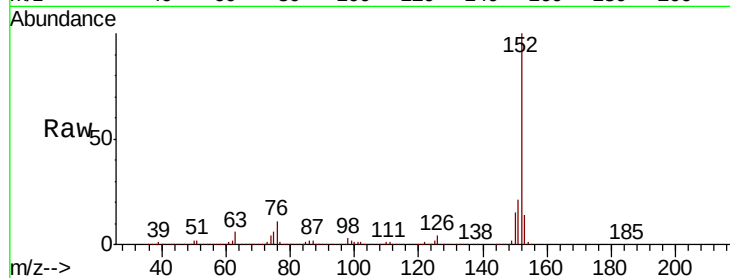
Tgt Ion:152 Resp: 1393866

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

153 13.8 11.0 16.6

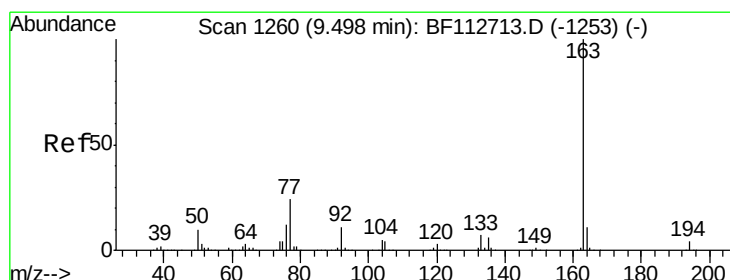
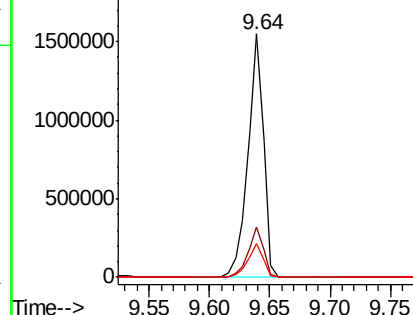
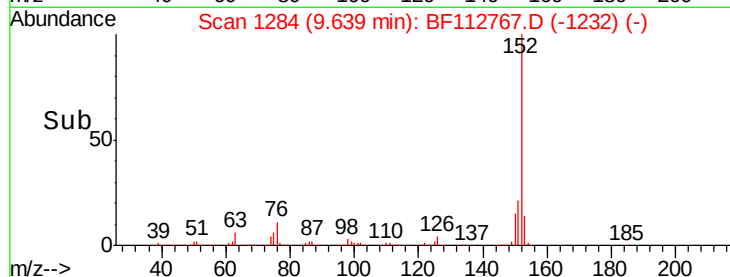


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.512 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

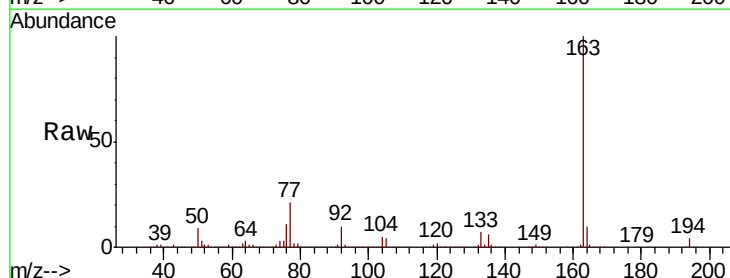
Tgt Ion:163 Resp: 972173

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.1 8.4 12.6

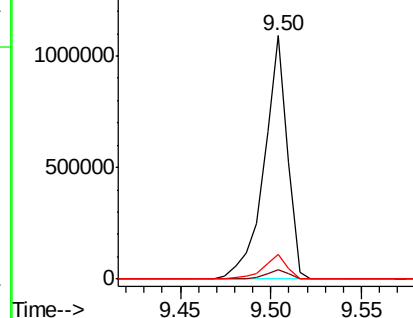
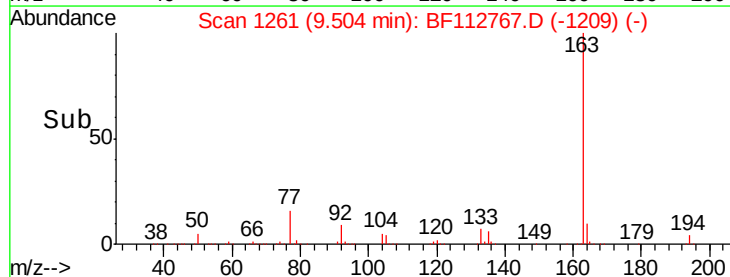


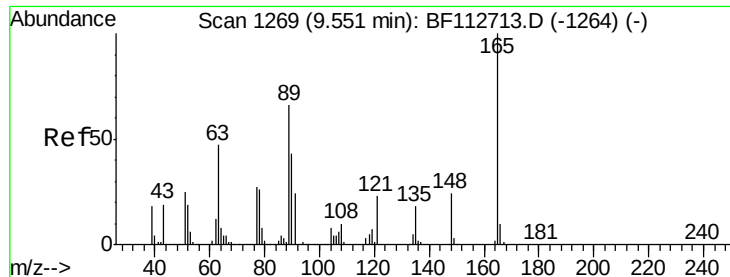
Abundance

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

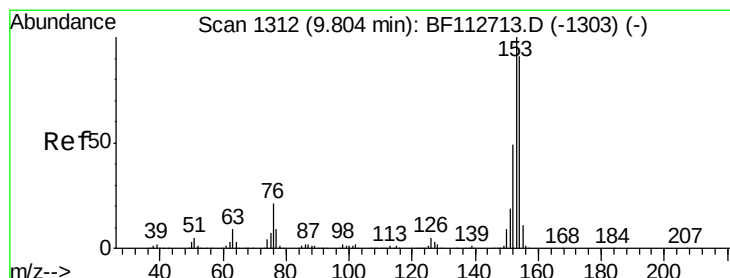
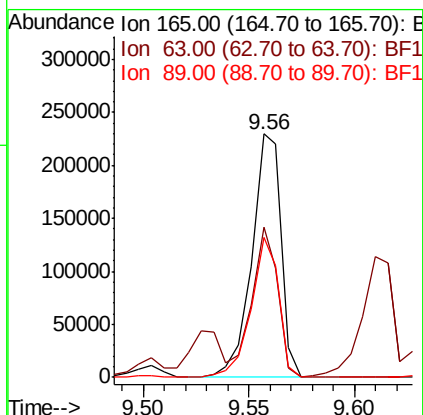
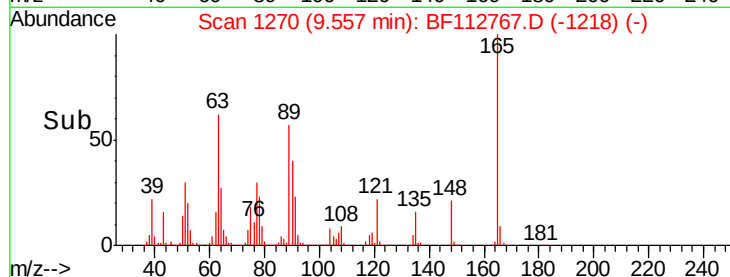
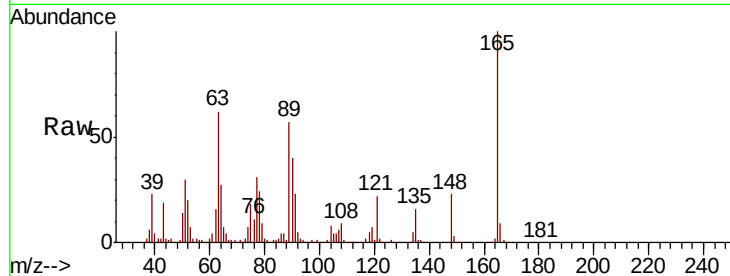




#51  
2,6-Dinitrotoluene  
Concen: 43.275 ng  
RT: 9.56 min Scan# 1270  
Delta R.T. 0.01 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

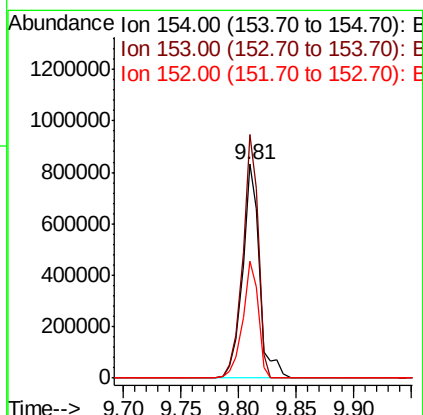
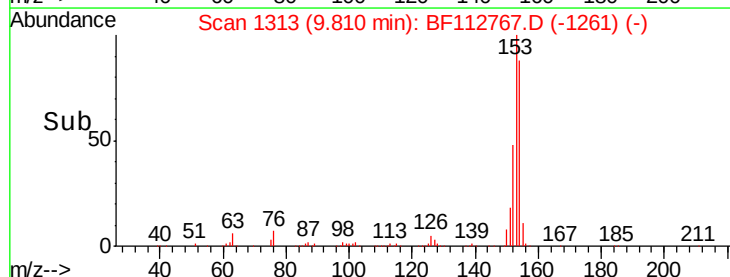
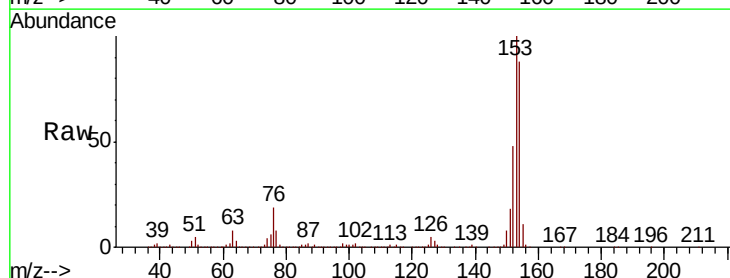
Instrument :  
BNA\_F  
ClientSampleId :  
PB117468BS

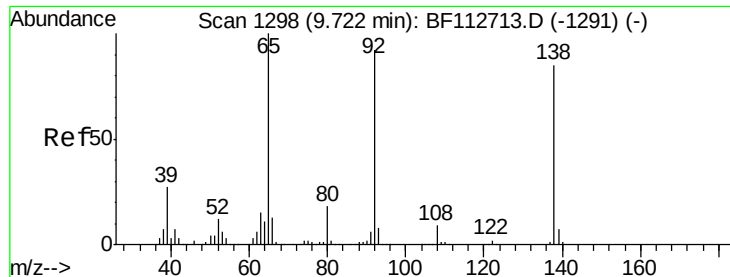
Tgt Ion:165 Resp: 221723  
Ion Ratio Lower Upper  
165 100  
63 61.9 54.1 81.1  
89 57.4 52.8 79.2



#52  
Acenaphthene  
Concen: 40.052 ng  
RT: 9.81 min Scan# 1313  
Delta R.T. 0.01 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

Tgt Ion:154 Resp: 845039  
Ion Ratio Lower Upper  
154 100  
153 113.9 87.8 131.8  
152 54.5 43.0 64.6

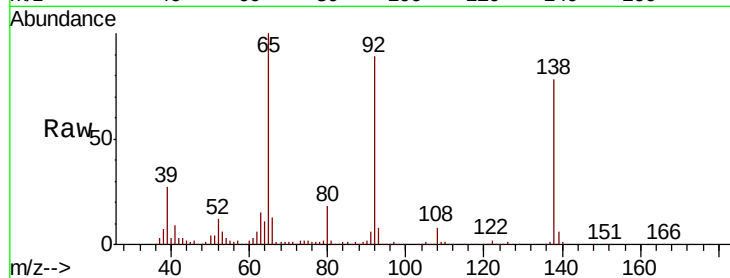




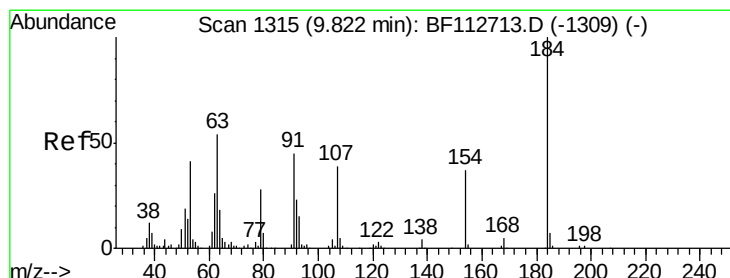
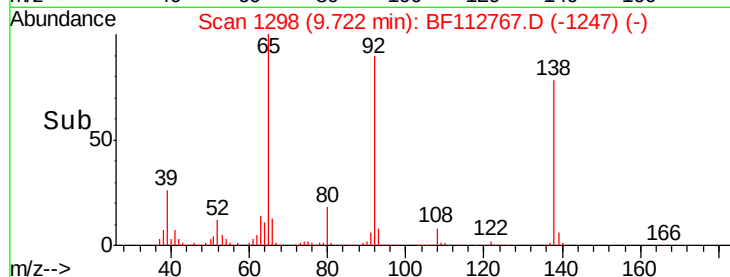
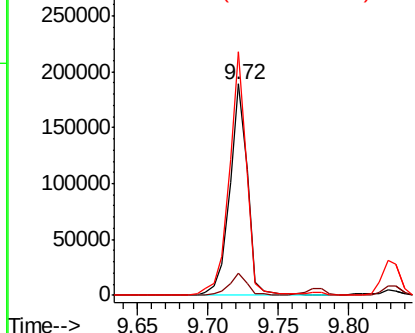
#53  
 3-Nitroaniline  
 Concen: 26.192 ng  
 RT: 9.72 min Scan# 1298  
 Delta R.T. -0.00 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB117468BS

Tgt Ion:138 Resp: 163521  
 Ion Ratio Lower Upper  
 138 100  
 108 10.6 8.6 13.0  
 92 115.2 86.6 129.8

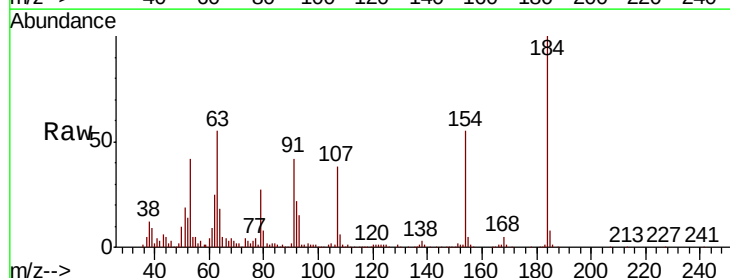


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BF1

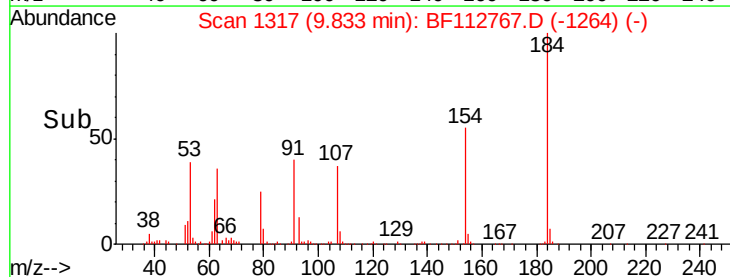
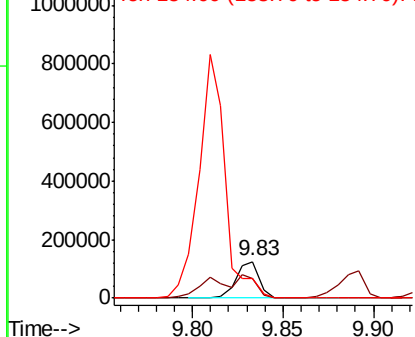


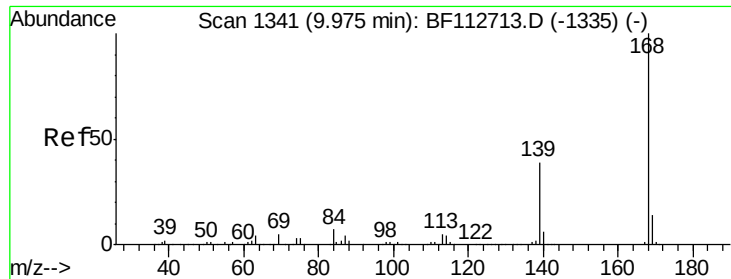
#54  
 2,4-Dinitrophenol  
 Concen: 54.387 ng  
 RT: 9.83 min Scan# 1317  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

Tgt Ion:184 Resp: 109272  
 Ion Ratio Lower Upper  
 184 100  
 63 54.7 45.3 67.9  
 154 55.0 46.0 69.0



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

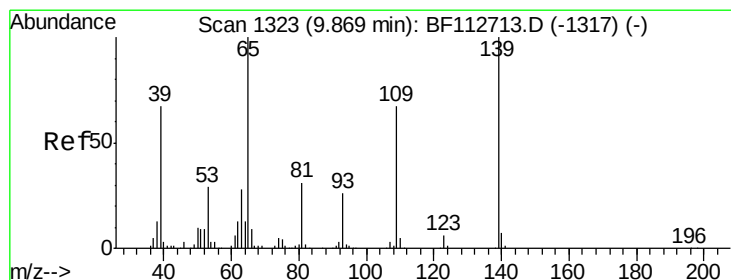
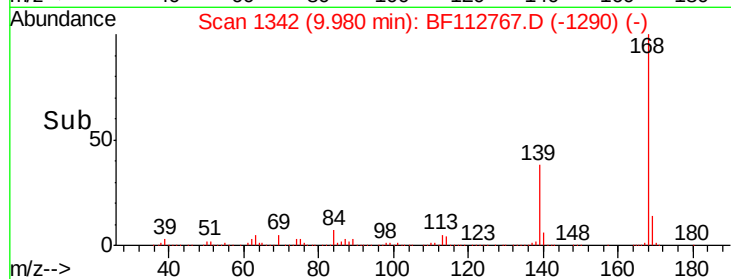
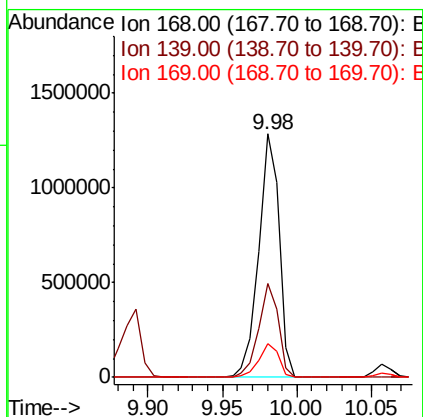
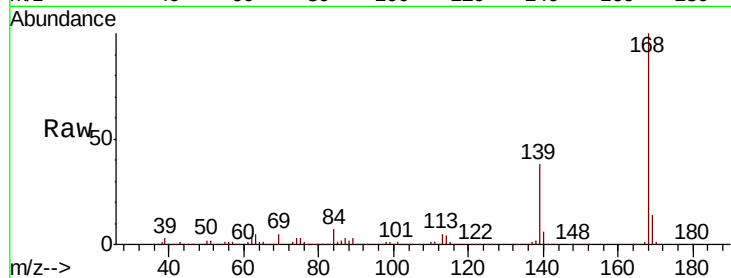




#55  
Dibenzenofuran  
Concen: 39.237 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. 0.01 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

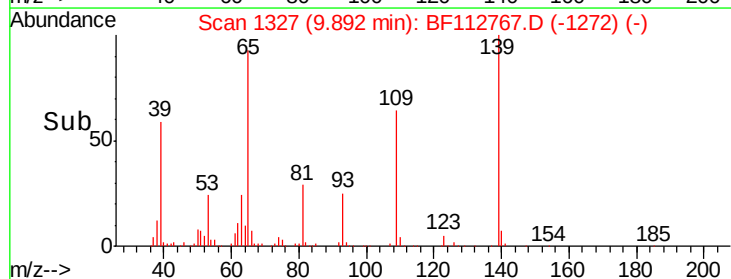
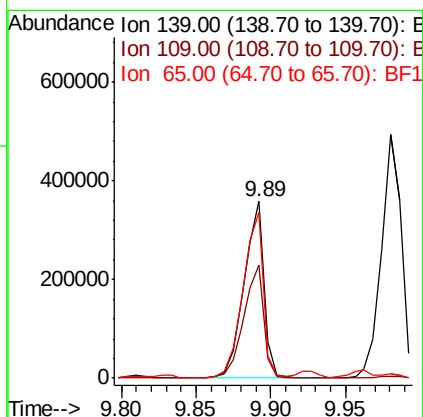
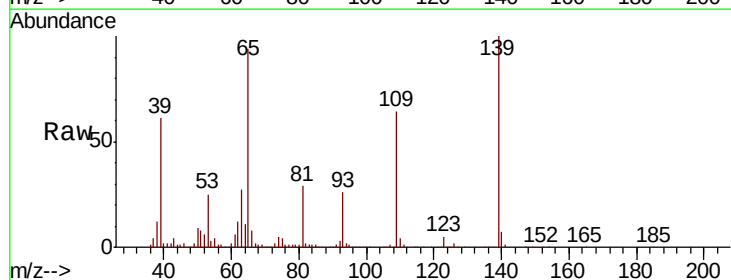
Instrument :  
BNA\_F  
ClientSampleId :  
PB117468BS

Tgt Ion:168 Resp: 1203194  
Ion Ratio Lower Upper  
168 100  
139 38.4 31.3 46.9  
169 13.9 11.3 16.9

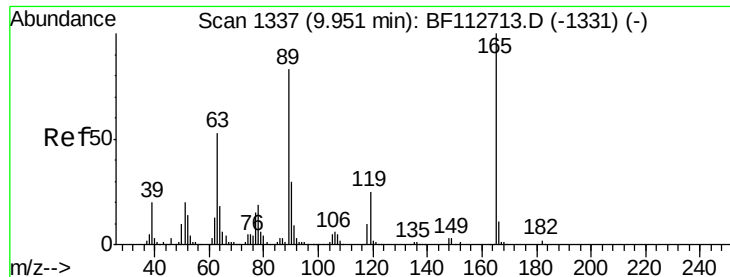


#56  
4-Nitrophenol  
Concen: 65.322 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. 0.02 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

Tgt Ion:139 Resp: 331441  
Ion Ratio Lower Upper  
139 100  
109 64.1 46.8 86.8  
65 93.7 80.7 120.7



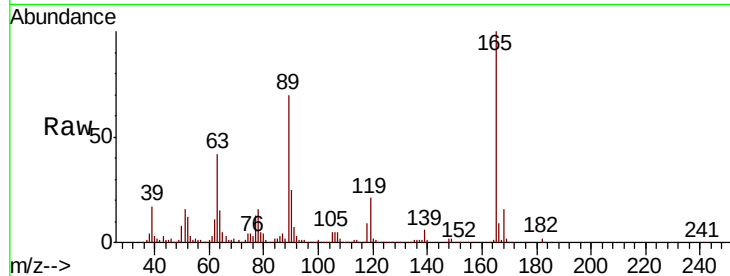




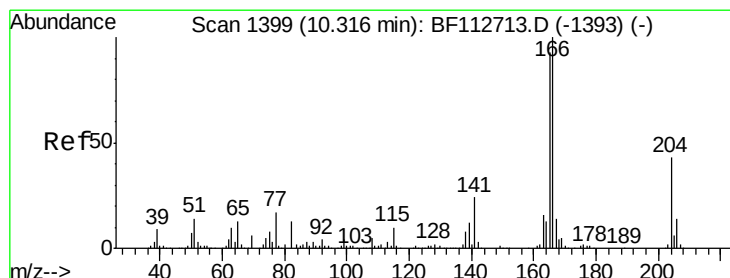
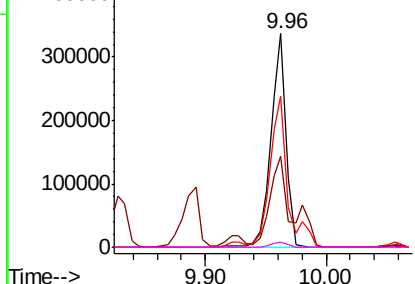
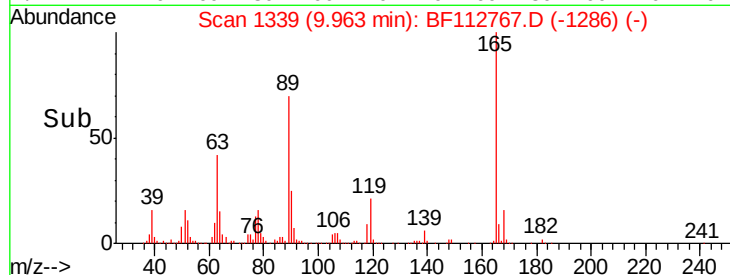
#57  
 2,4-Dinitrotoluene  
 Concen: 45.459 ng  
 RT: 9.96 min Scan# 1339  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB117468BS

Tgt Ion:165 Resp: 289518  
 Ion Ratio Lower Upper  
 165 100  
 63 42.5 42.2 63.2  
 89 70.4 66.2 99.4  
 182 2.4 1.8 2.6

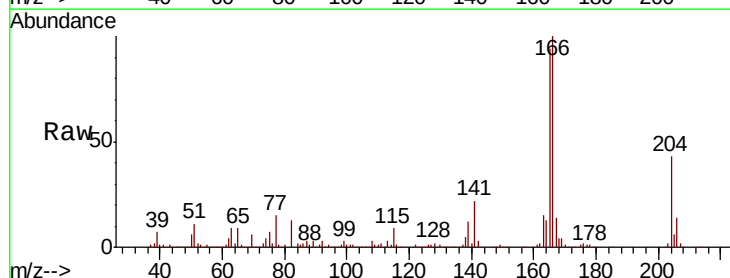


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1  
 Ion 182.00 (181.70 to 182.70): E

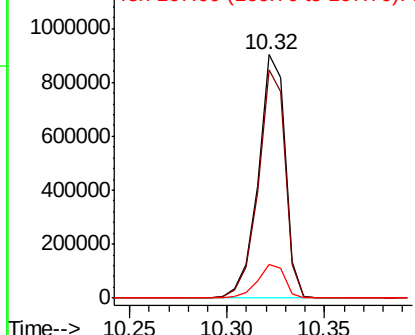
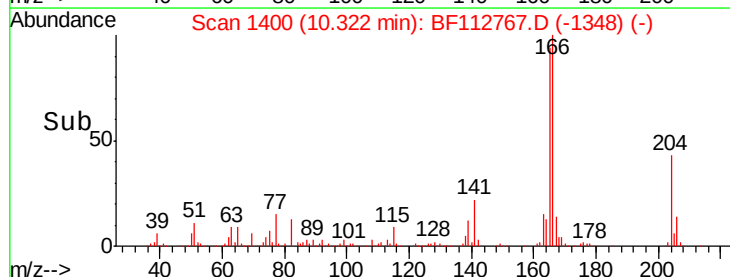


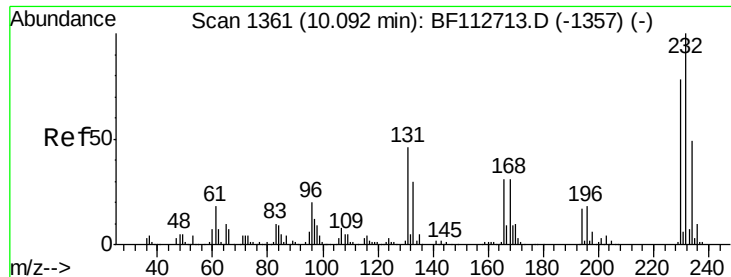
#58  
 Fluorene  
 Concen: 39.570 ng  
 RT: 10.32 min Scan# 1400  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

Tgt Ion:166 Resp: 861218  
 Ion Ratio Lower Upper  
 166 100  
 165 93.5 74.7 112.1  
 167 14.1 11.0 16.6



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

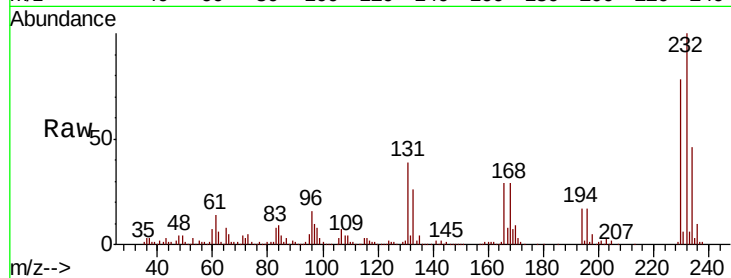




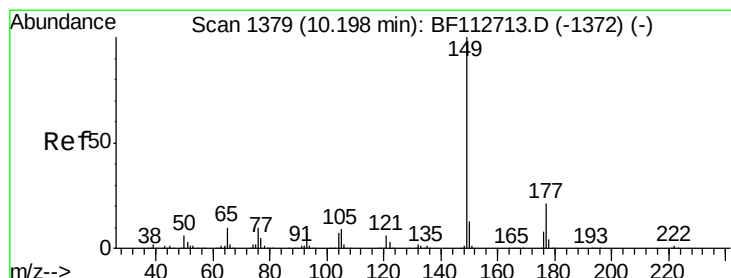
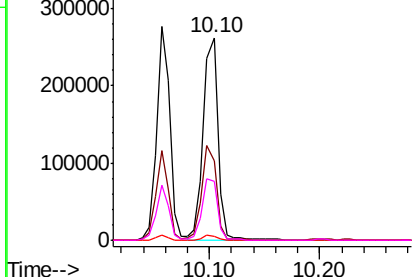
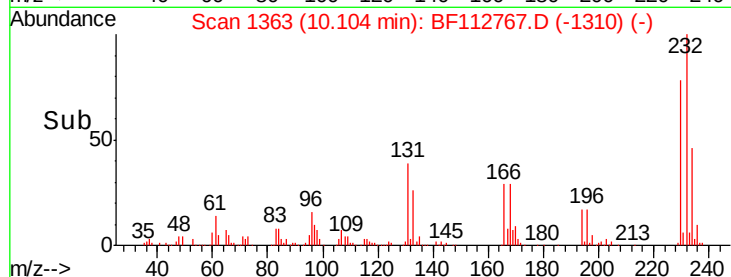
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.114 ng  
 RT: 10.10 min Scan# 1363  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB117468BS

Tgt Ion: 232 Resp: 235885  
 Ion Ratio Lower Upper  
 232 100  
 131 47.0 38.7 58.1  
 130 2.4 1.9 2.9  
 166 31.0 25.2 37.8

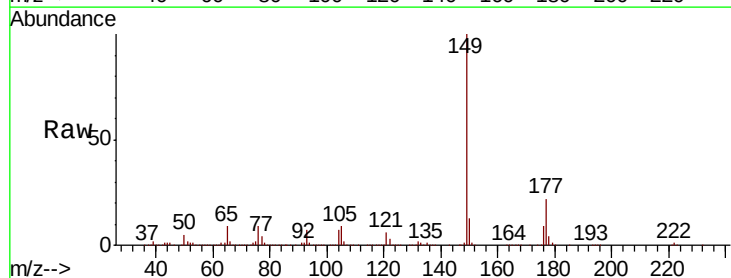


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

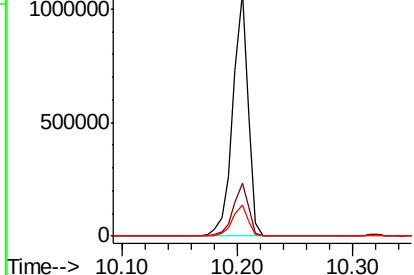
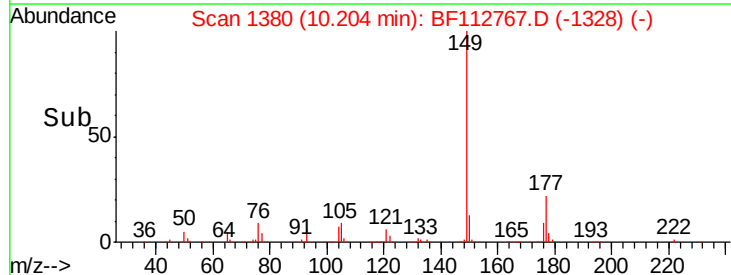


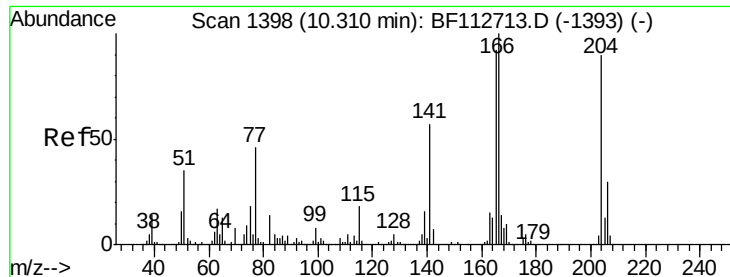
#60  
 Diethylphthalate  
 Concen: 37.680 ng  
 RT: 10.20 min Scan# 1380  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

Tgt Ion: 149 Resp: 979143  
 Ion Ratio Lower Upper  
 149 100  
 177 21.7 17.0 25.6  
 150 12.5 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E

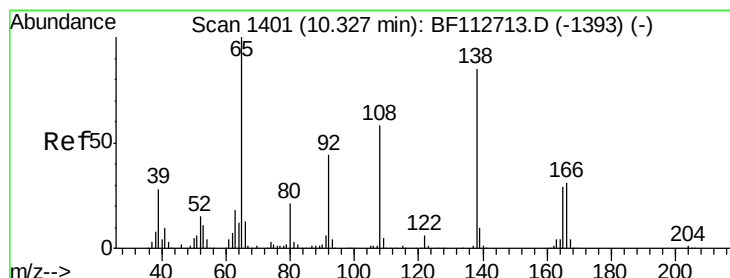
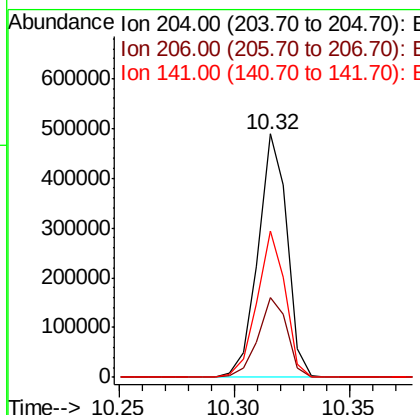
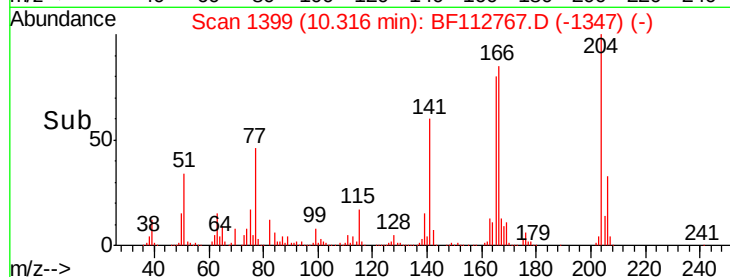
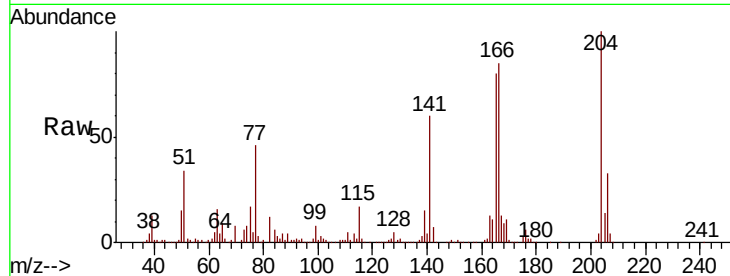




#61  
4-Chlorophenyl-phenylether  
Concen: 42.364 ng  
RT: 10.32 min Scan# 1399  
Delta R.T. 0.01 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

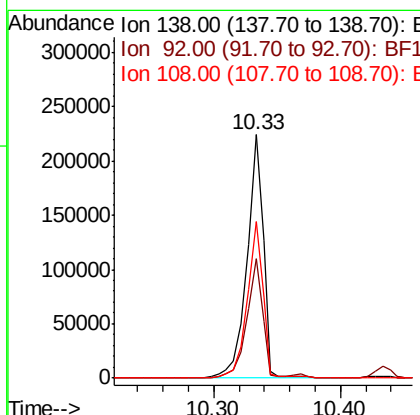
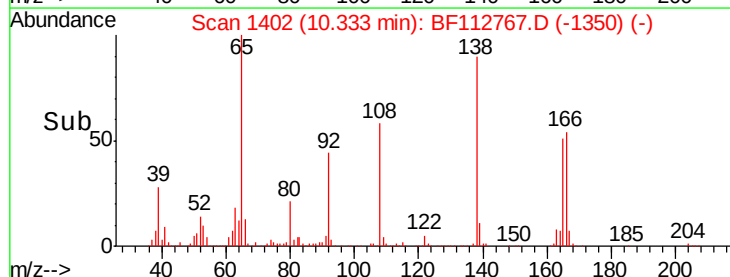
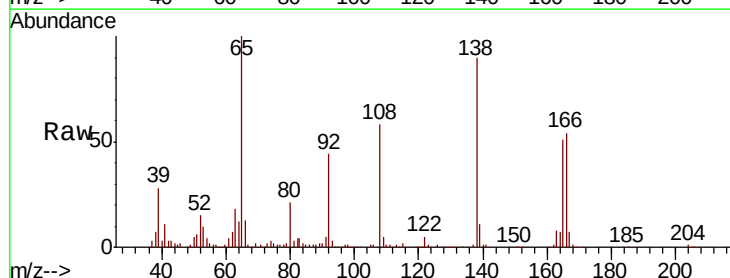
Instrument :  
BNA\_F  
ClientSampleId :  
PB117468BS

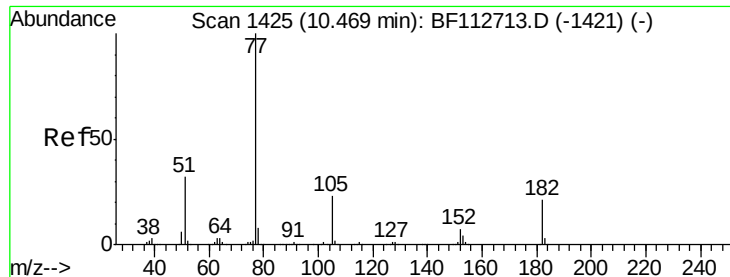
Tgt Ion:204 Resp: 428984  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.6 40.0  
141 60.0 50.8 76.2



#62  
4-Nitroaniline  
Concen: 34.791 ng  
RT: 10.33 min Scan# 1402  
Delta R.T. 0.01 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

Tgt Ion:138 Resp: 200708  
Ion Ratio Lower Upper  
138 100  
92 49.3 31.3 71.3  
108 64.3 48.1 88.1





#63

Azobenzene

Concen: 35.822 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

Tgt Ion: 77 Resp: 953459

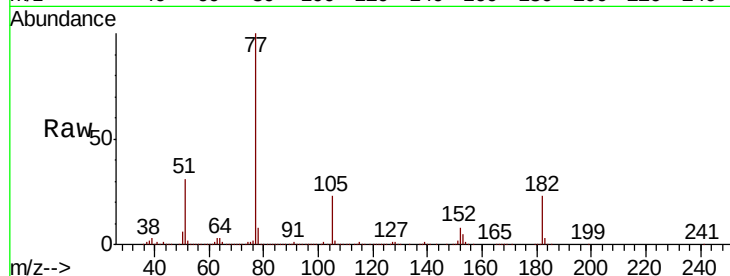
Ion Ratio Lower Upper

77 100

182 22.5 1.4 41.4

105 22.8 2.6 42.6

51 30.5 12.0 52.0

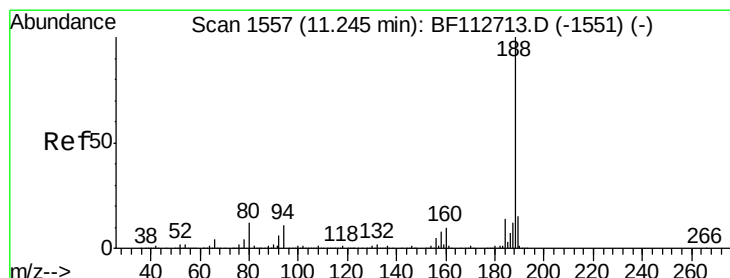
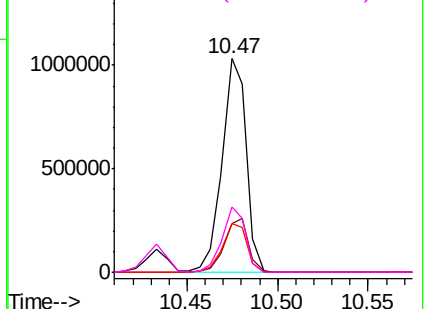
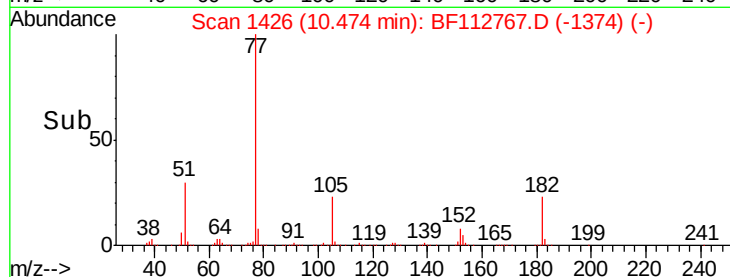


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

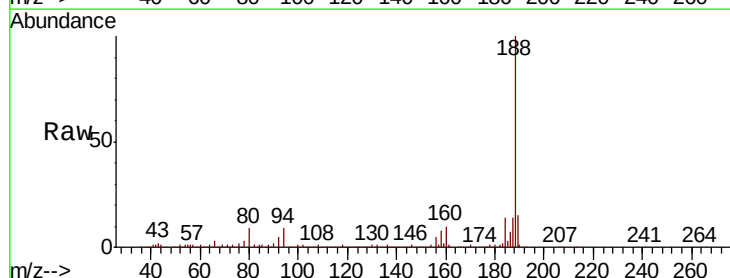
Tgt Ion: 188 Resp: 598490

Ion Ratio Lower Upper

188 100

94 9.2 9.0 13.4

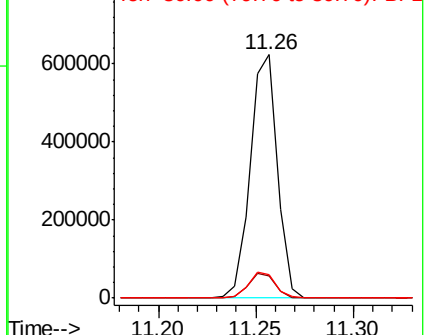
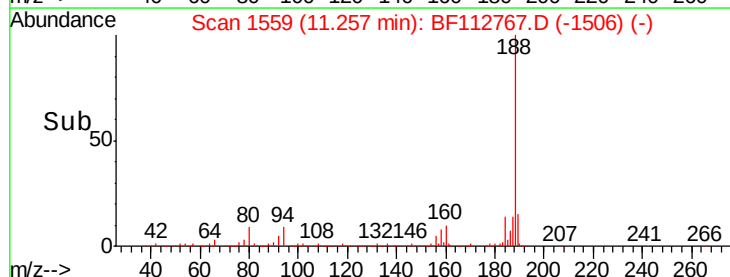
80 9.5 9.2 13.8

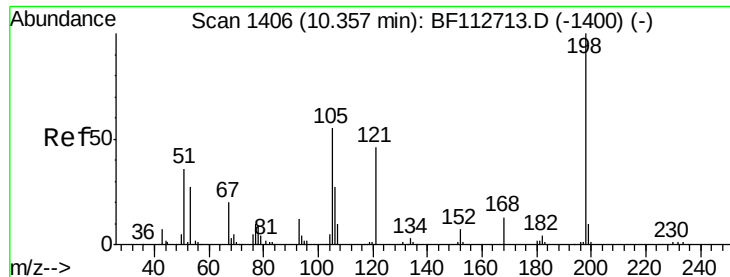


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

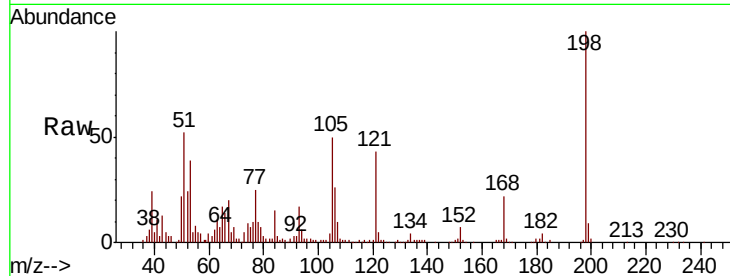




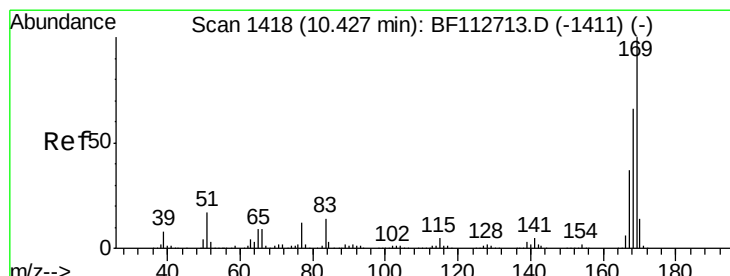
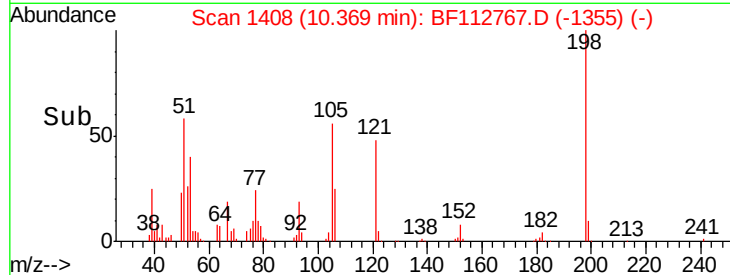
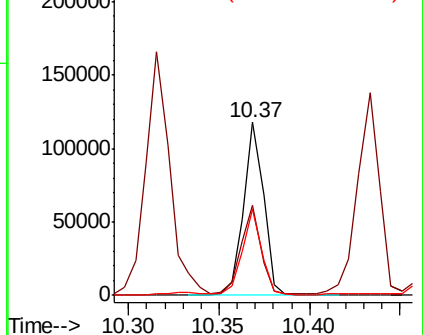
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 38.246 ng  
 RT: 10.37 min Scan# 1408  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB117468BS

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 198     | 100  |       |       |
| 51      | 51.8 | 43.8  | 83.8  |
| 105     | 49.6 | 36.5  | 76.5  |

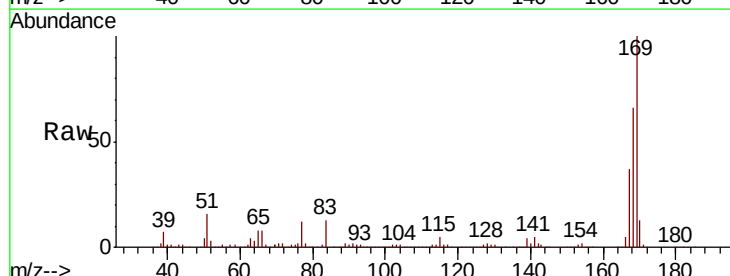


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF1  
 Ion 105.00 (104.70 to 105.70): E

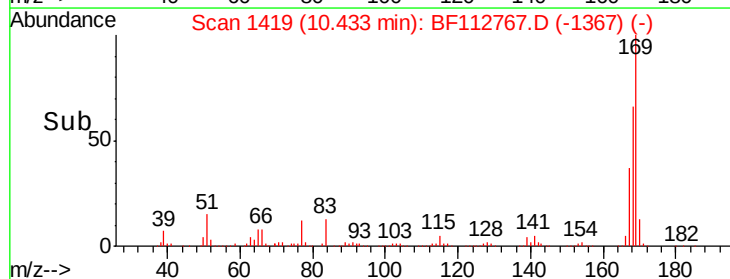
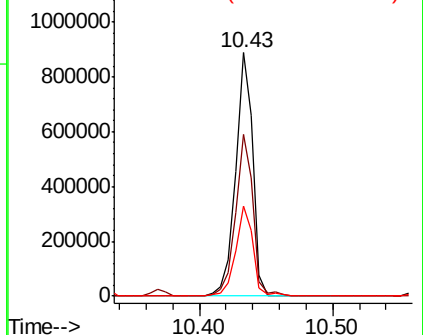


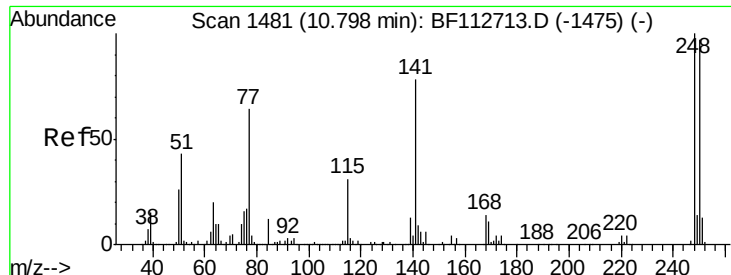
#66  
 n-Nitrosodiphenylamine  
 Concen: 41.610 ng  
 RT: 10.43 min Scan# 1419  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 169     | 100  |       |       |
| 168     | 66.2 | 53.0  | 79.6  |
| 167     | 36.9 | 29.3  | 43.9  |



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

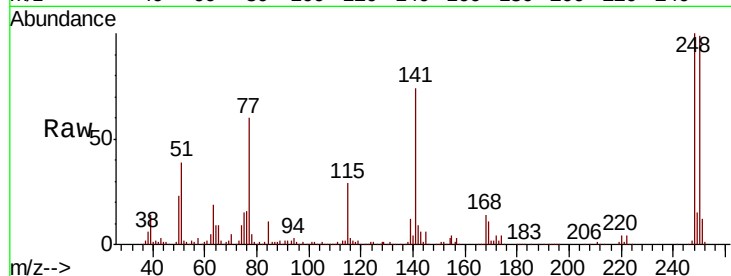




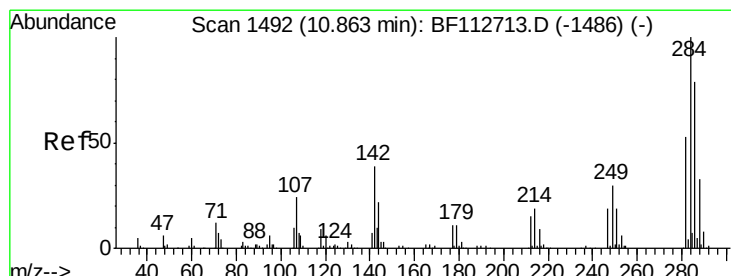
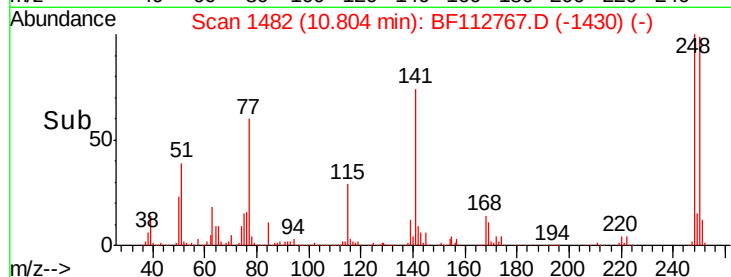
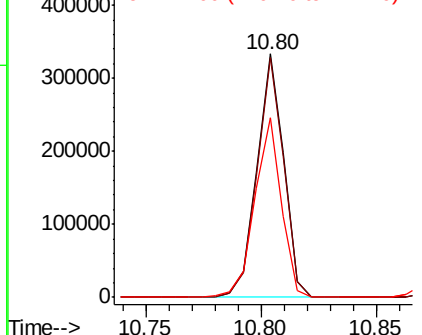
#67  
 4-Bromophenyl-phenylether  
 Concen: 43.053 ng  
 RT: 10.80 min Scan# 1482  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB117468BS

Tgt Ion:248 Resp: 271403  
 Ion Ratio Lower Upper  
 248 100  
 250 98.5 77.5 116.3  
 141 73.8 62.4 93.6

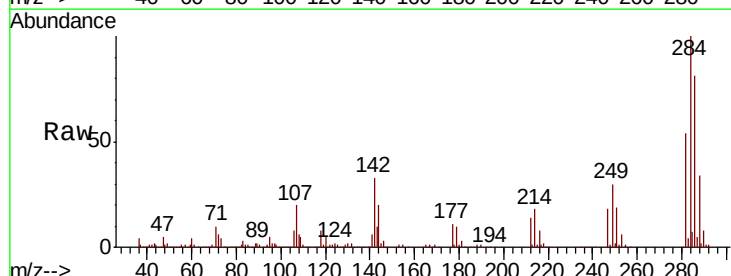


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

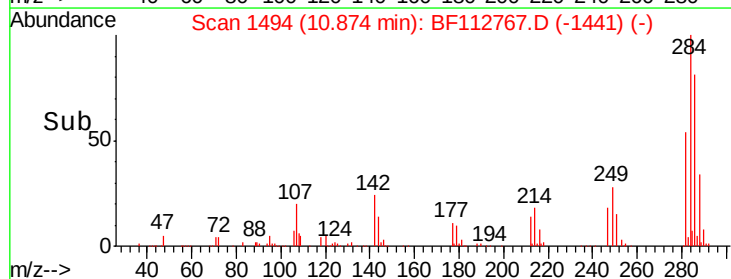
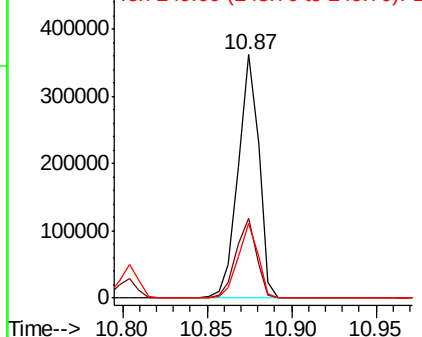


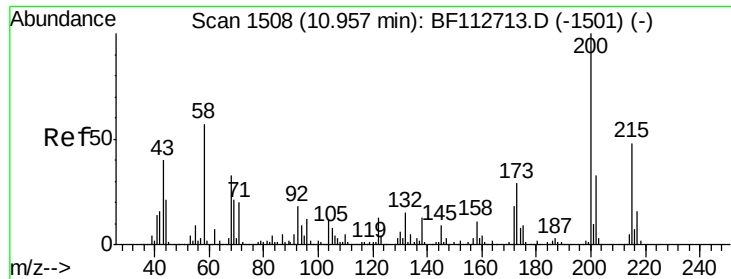
#68  
 Hexachlorobenzene  
 Concen: 43.324 ng  
 RT: 10.87 min Scan# 1494  
 Delta R.T. 0.01 min  
 Lab File: BF112767.D  
 Acq: 28 Feb 2019 18:07

Tgt Ion:284 Resp: 307867  
 Ion Ratio Lower Upper  
 284 100  
 142 32.9 31.0 46.6  
 249 30.5 23.6 35.4



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: 39.687 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

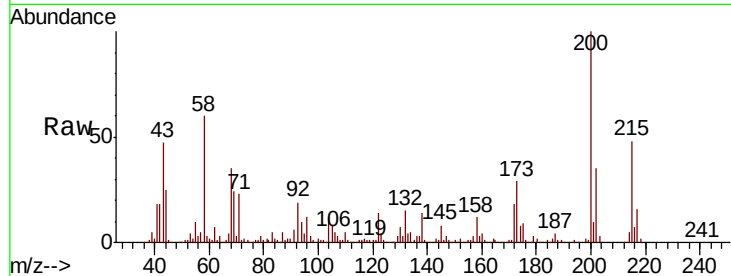
Tgt Ion:200 Resp: 233302

Ion Ratio Lower Upper

200 100

173 29.3 9.1 49.1

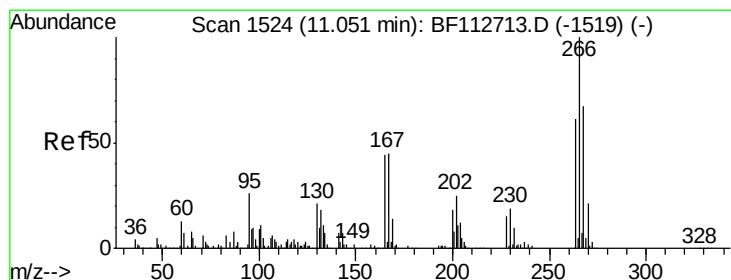
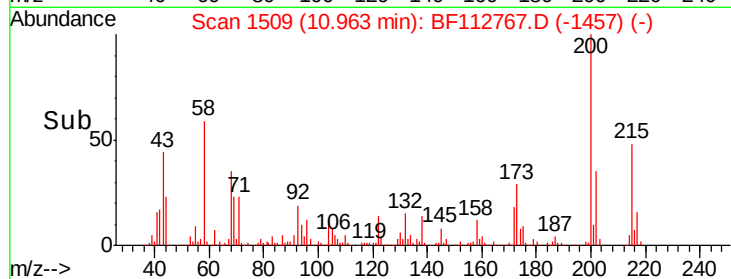
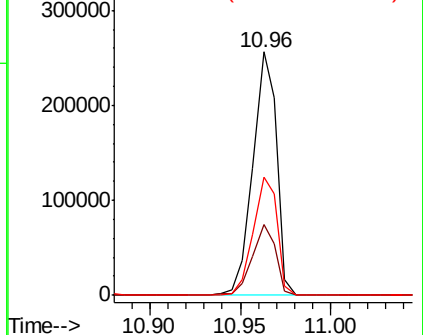
215 48.4 28.2 68.2



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: 64.627 ng

RT: 11.06 min Scan# 1526

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

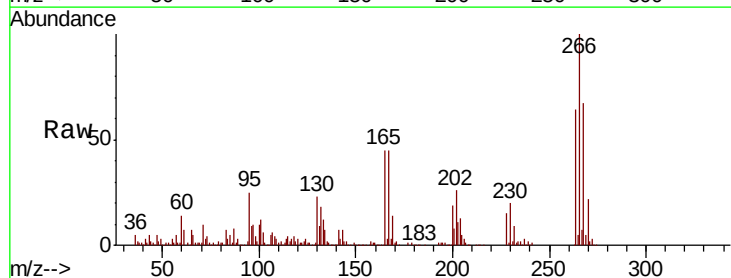
Tgt Ion:266 Resp: 270301

Ion Ratio Lower Upper

266 100

268 67.0 53.3 79.9

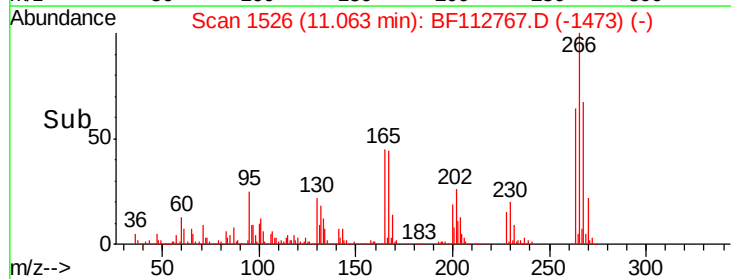
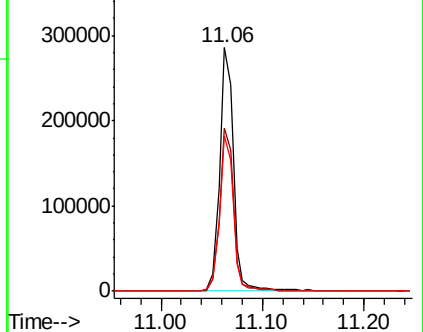
264 63.6 48.9 73.3

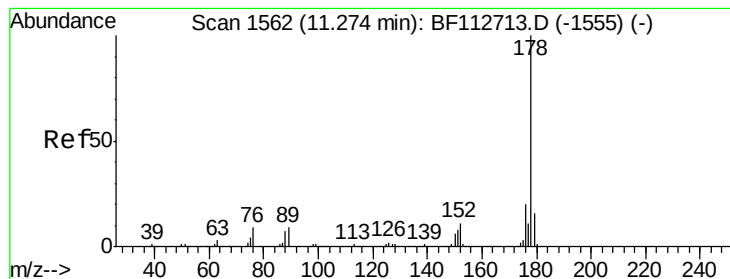


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.029 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

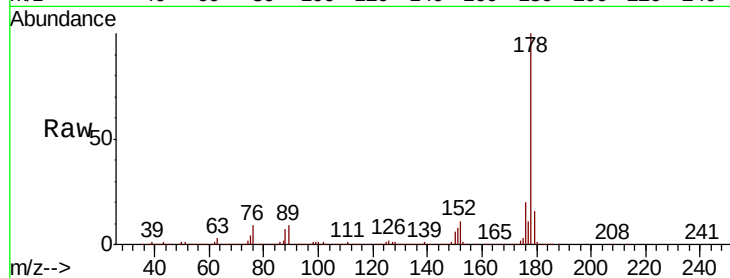
Tgt Ion:178 Resp: 1221736

Ion Ratio Lower Upper

178 100

176 20.2 16.3 24.5

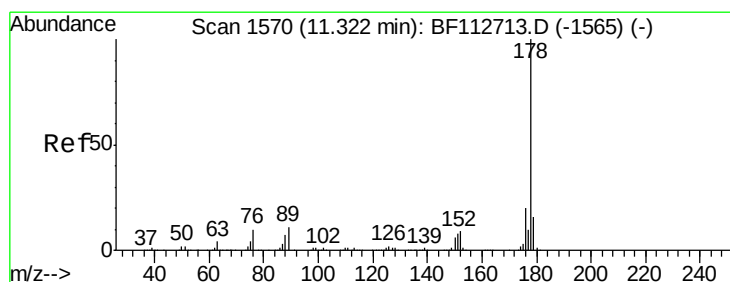
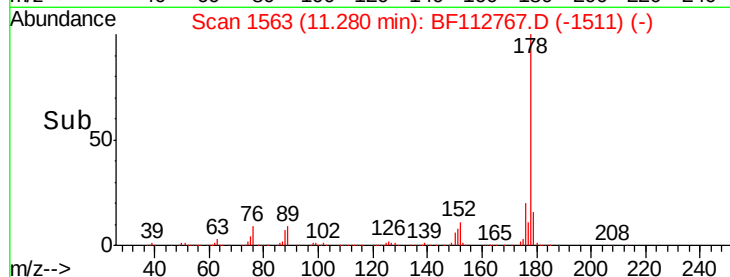
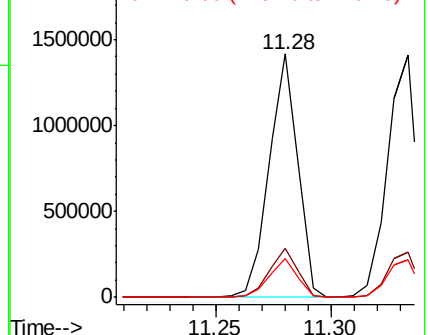
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.722 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

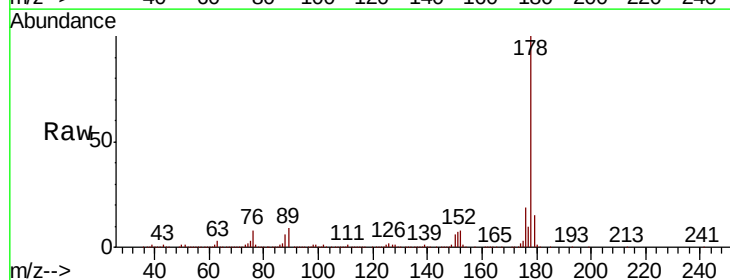
Tgt Ion:178 Resp: 1238156

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.6

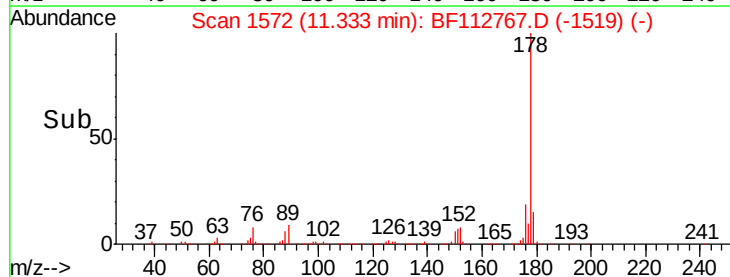
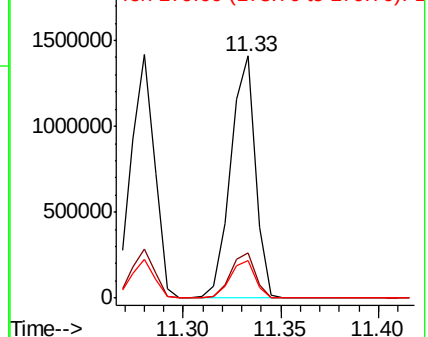
179 15.5 13.0 19.6



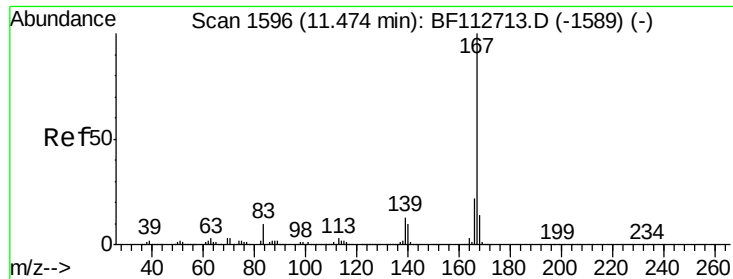
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#73

Carbazole

Concen: 34.727 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

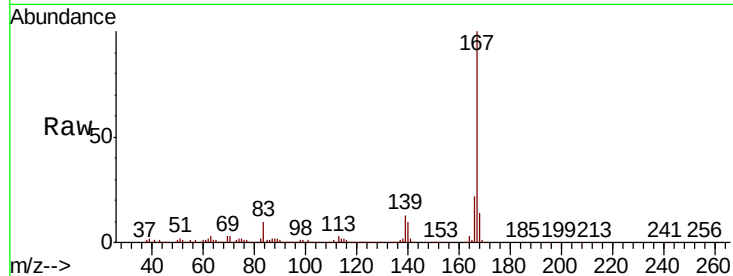
Tgt Ion:167 Resp: 1055946

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

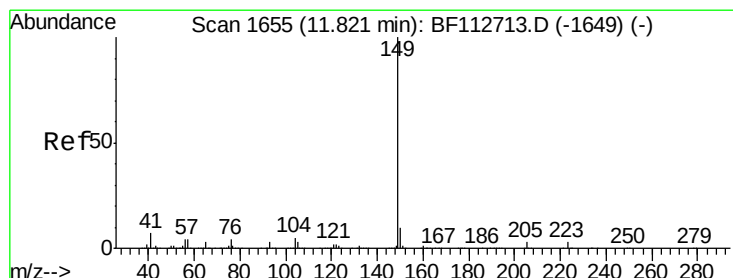
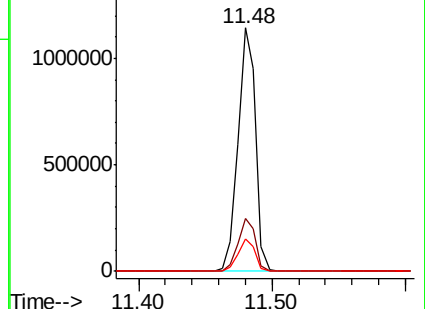
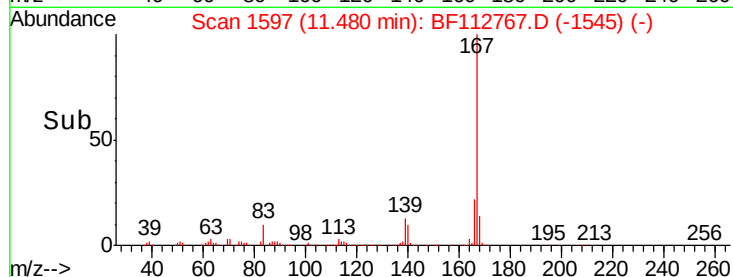
139 13.4 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.330 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

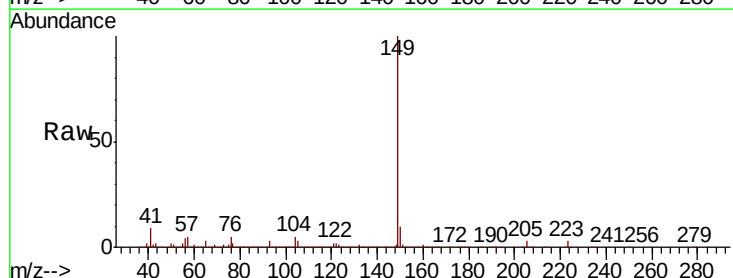
Tgt Ion:149 Resp: 1397485

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

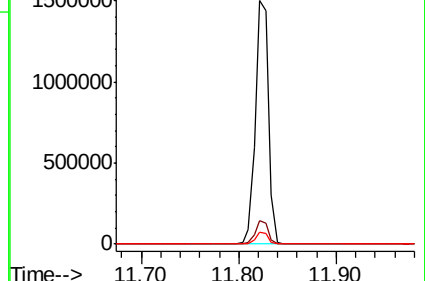
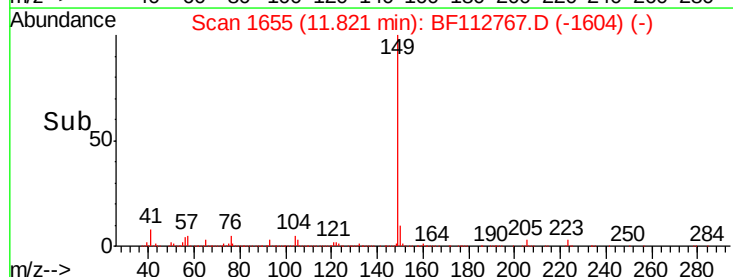
104 4.7 3.7 5.5

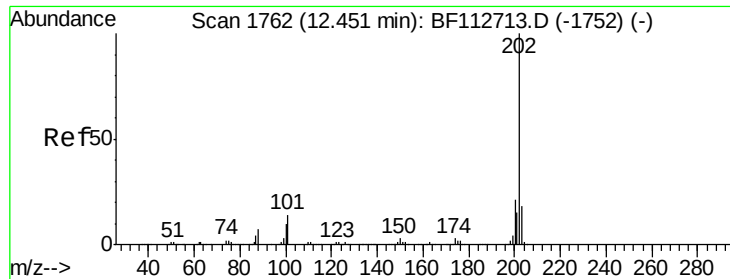


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.224 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

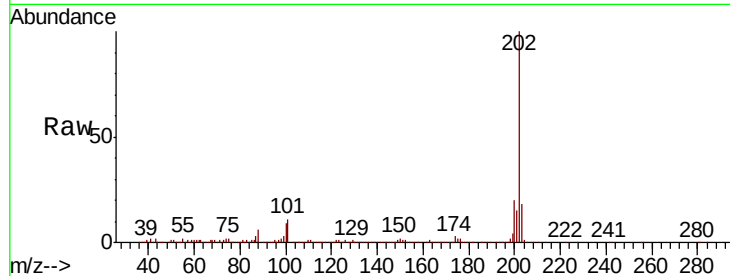
Tgt Ion:202 Resp: 1155651

Ion Ratio Lower Upper

202 100

101 11.5 0.0 33.8

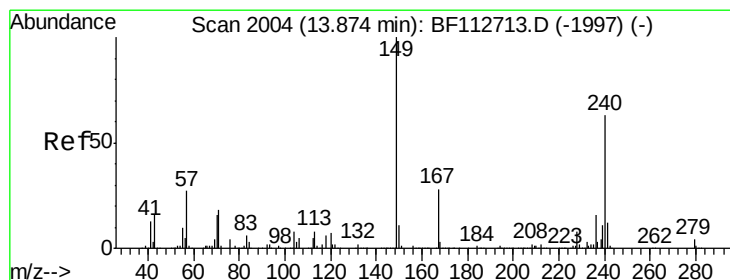
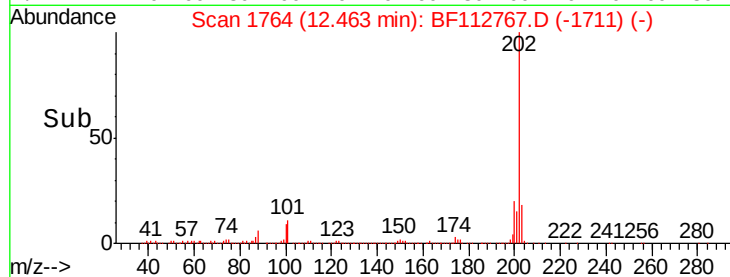
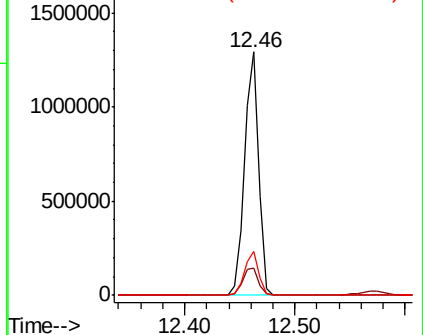
203 18.0 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

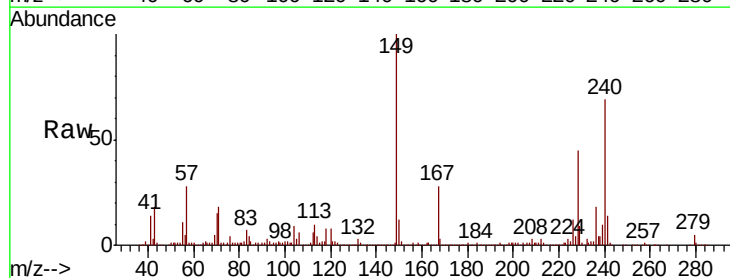
Tgt Ion:240 Resp: 355056

Ion Ratio Lower Upper

240 100

120 12.2 8.9 13.3

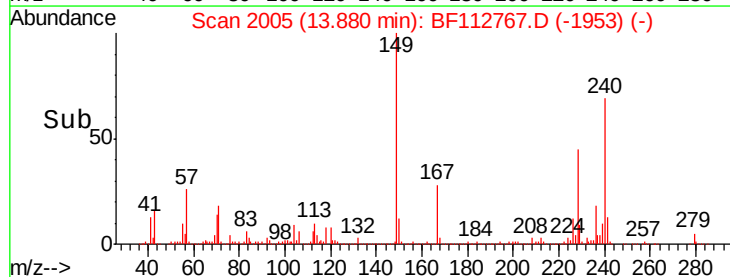
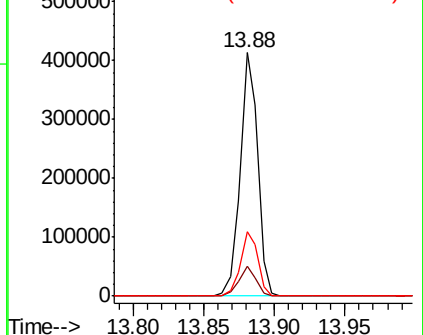
236 26.3 20.7 31.1

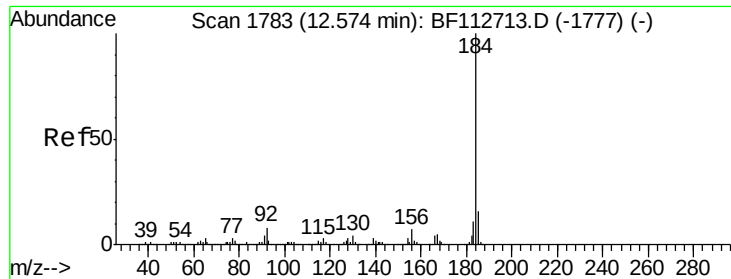


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.945 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

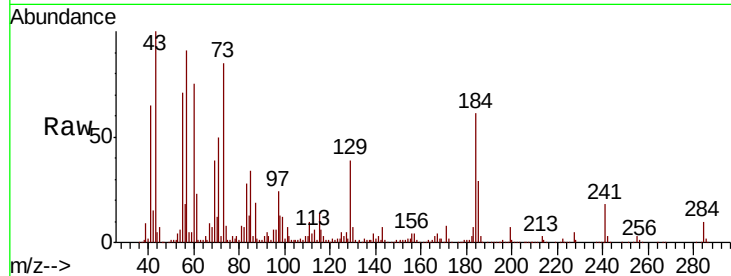
Tgt Ion:184 Resp: 146348

Ion Ratio Lower Upper

184 100

185 46.9 12.6 18.8#

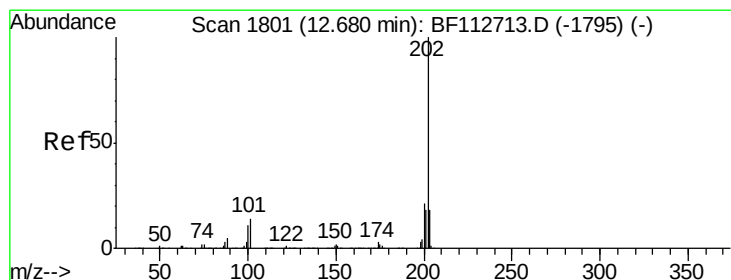
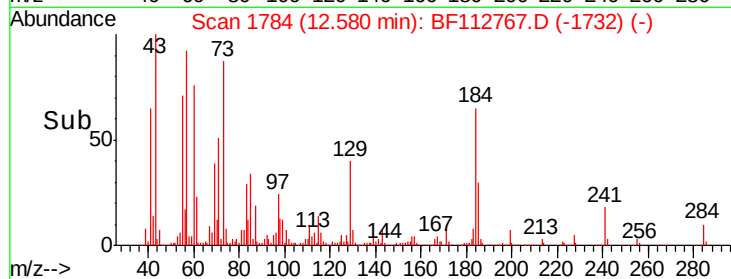
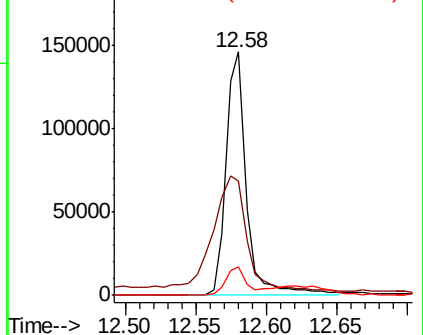
183 11.8 8.6 12.8



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: 39.144 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

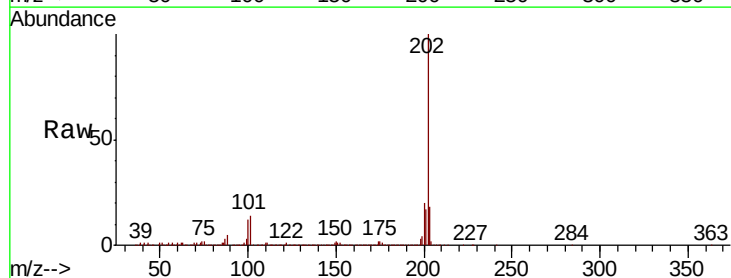
Tgt Ion:202 Resp: 1171670

Ion Ratio Lower Upper

202 100

200 20.5 17.0 25.4

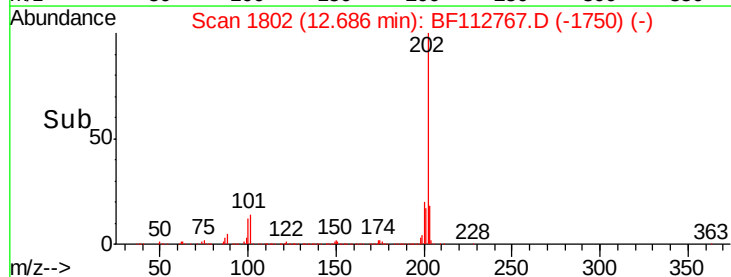
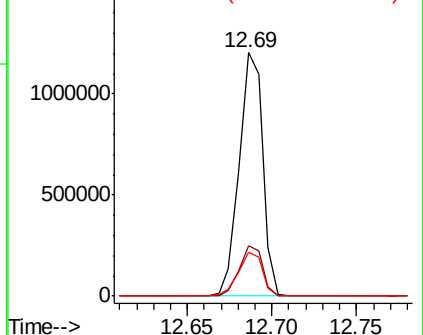
203 18.1 14.4 21.6

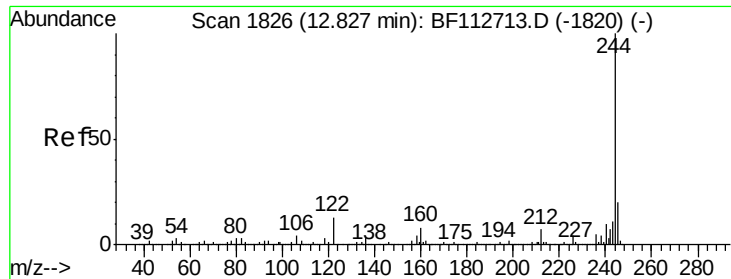


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.887 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

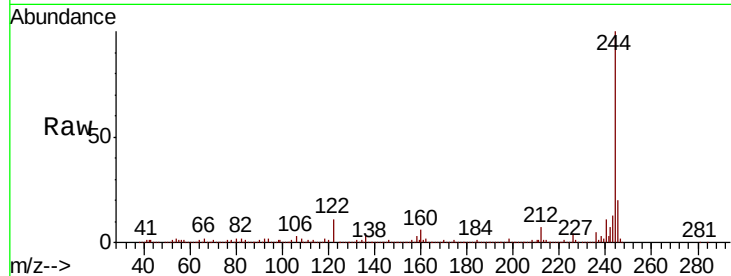
Tgt Ion:244 Resp: 1573118

Ion Ratio Lower Upper

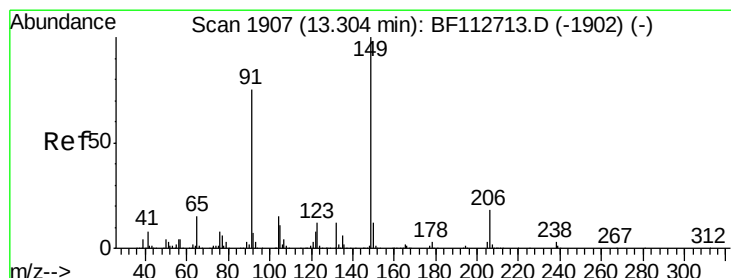
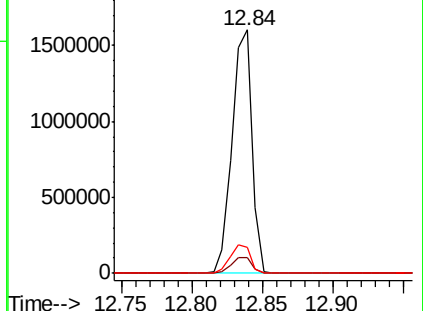
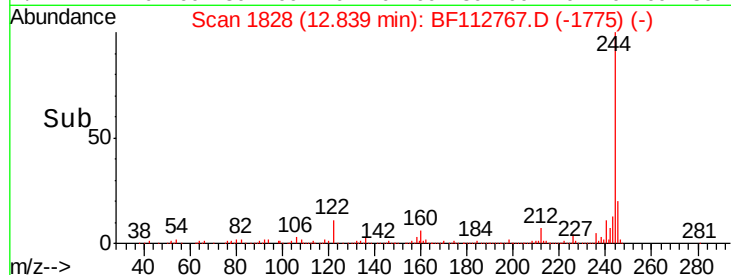
244 100

212 6.7 5.6 8.4

122 10.6 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.972 ng

RT: 13.31 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

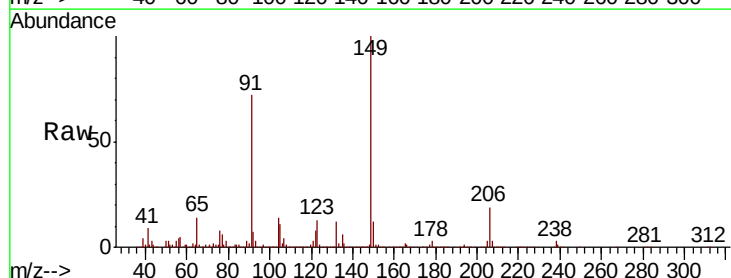
Tgt Ion:149 Resp: 514904

Ion Ratio Lower Upper

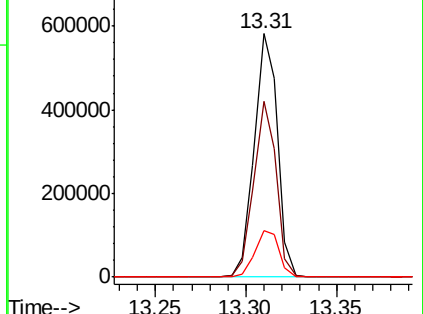
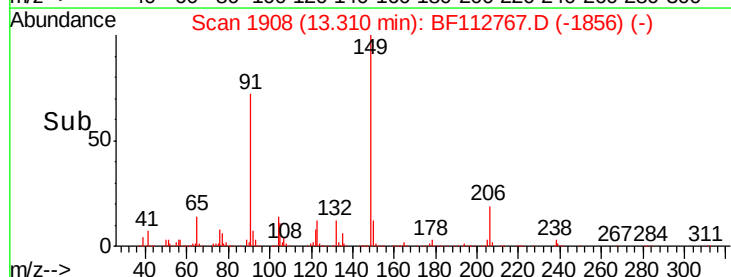
149 100

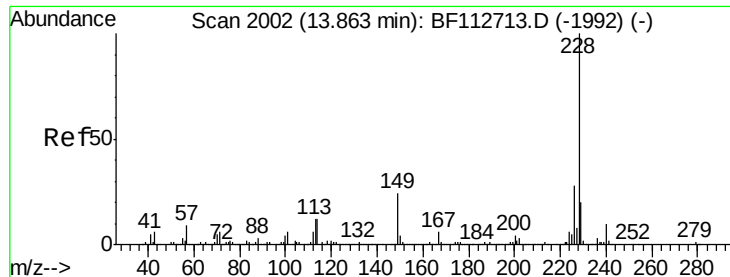
91 72.2 59.9 89.9

206 19.0 14.7 22.1



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: 37.097 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

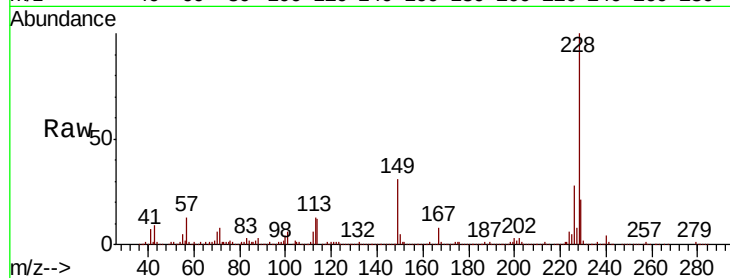
Instrument :

BNA\_F

ClientSampleId :

PB117468BS

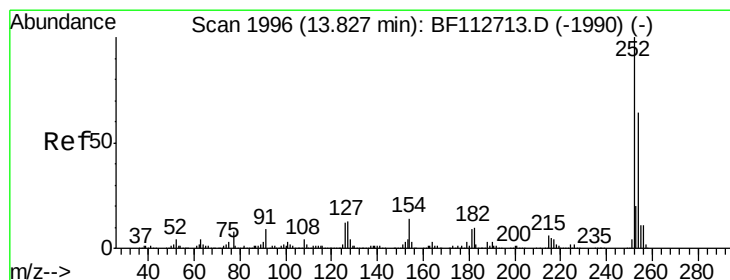
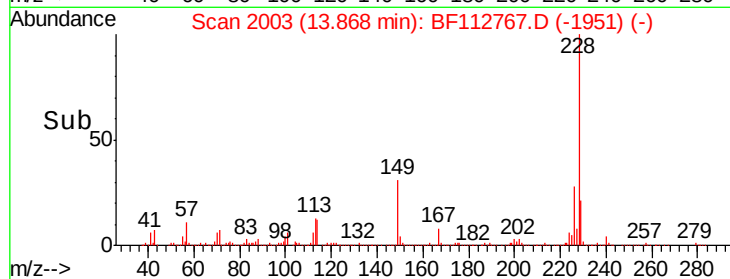
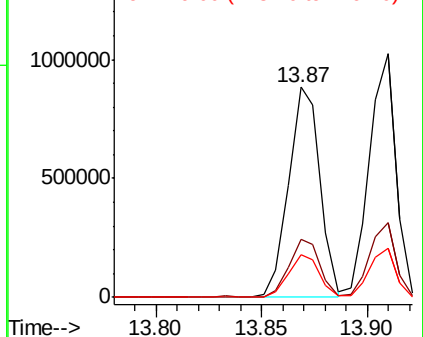
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 912869 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 27.8  | 22.2  | 33.4   |
| 229      | 20.6  | 16.0  | 24.0   |



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: 28.855 ng

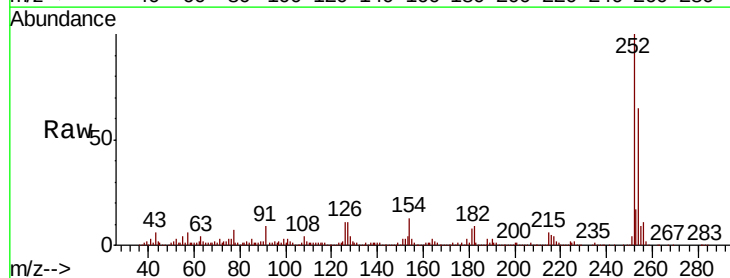
RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

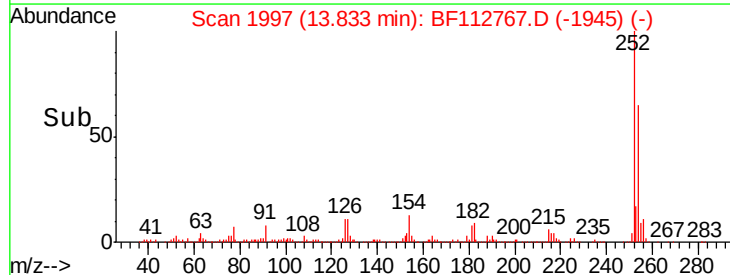
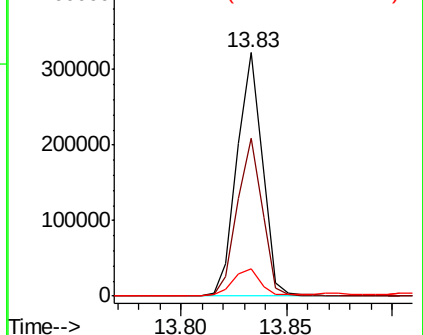
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 268549 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 64.9  | 51.1  | 76.7   |
| 126      | 11.4  | 9.9   | 14.9   |

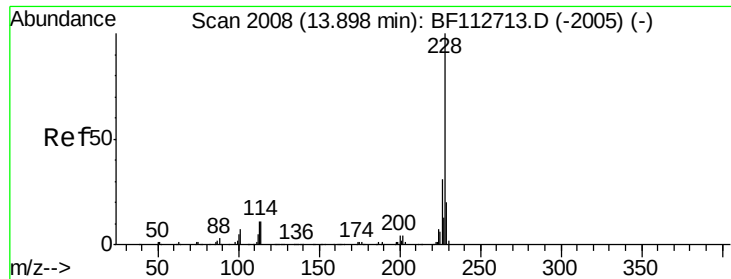


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.425 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

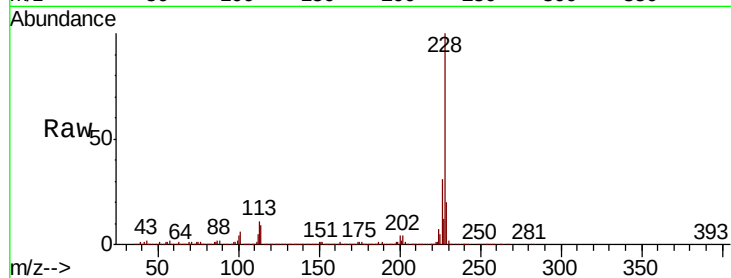
Tgt Ion:228 Resp: 902096

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

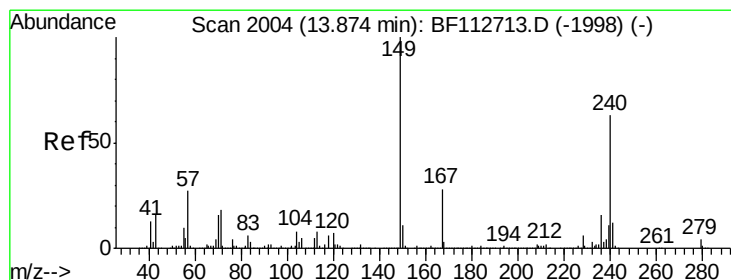
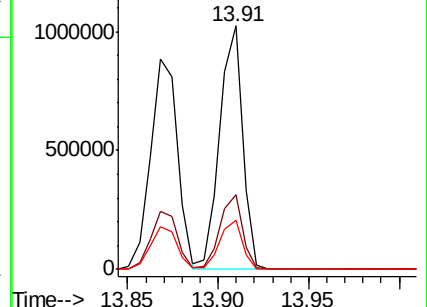
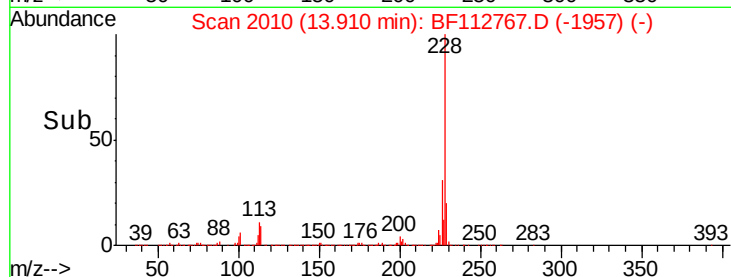
229 20.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.986 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

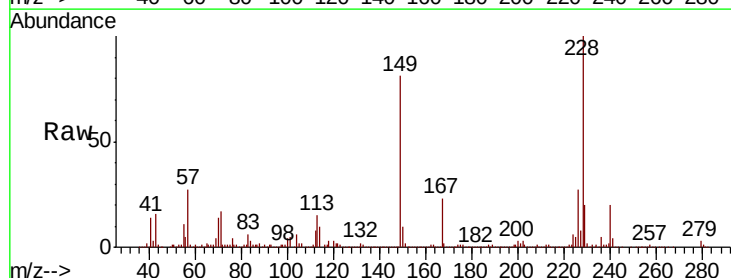
Tgt Ion:149 Resp: 619663

Ion Ratio Lower Upper

149 100

167 27.8 22.4 33.6

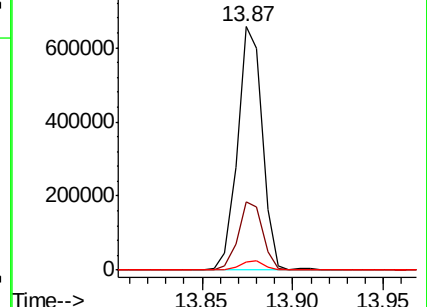
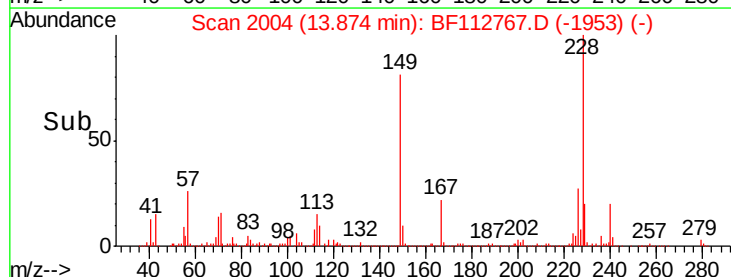
279 3.4 3.3 4.9

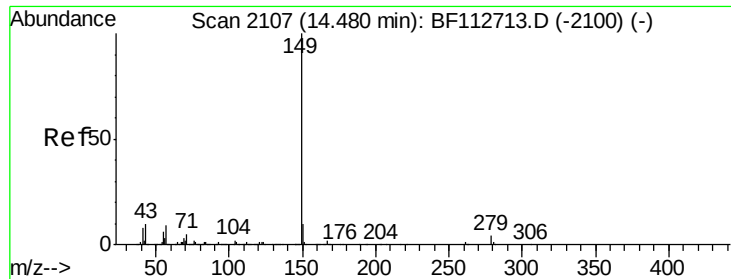


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.295 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

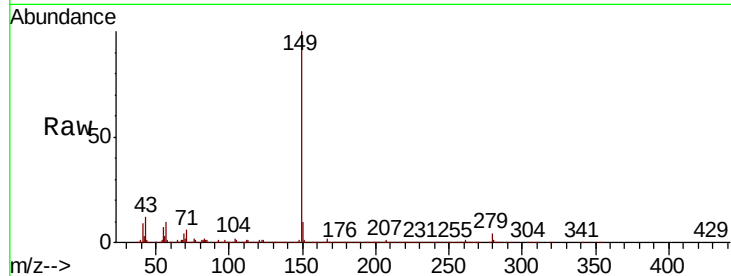
Tgt Ion:149 Resp: 1152113

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

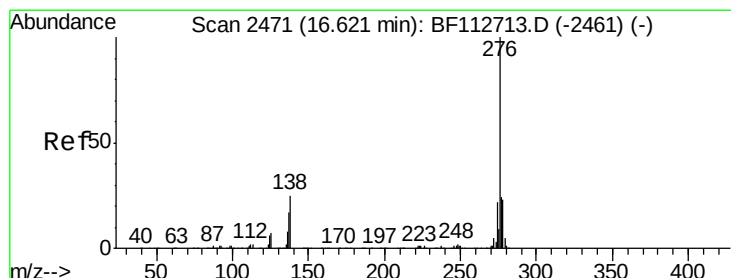
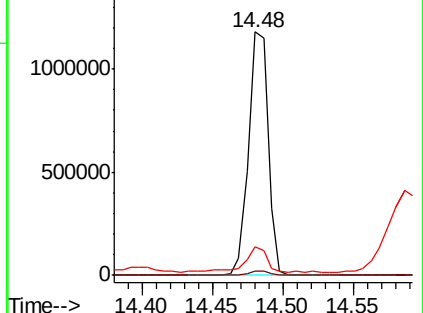
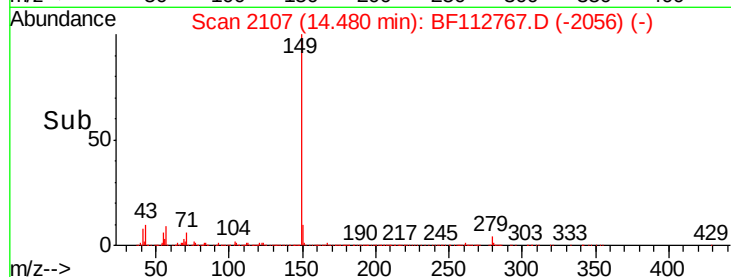
43 11.4 9.0 13.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.234 ng

RT: 16.66 min Scan# 2478

Delta R.T. 0.04 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

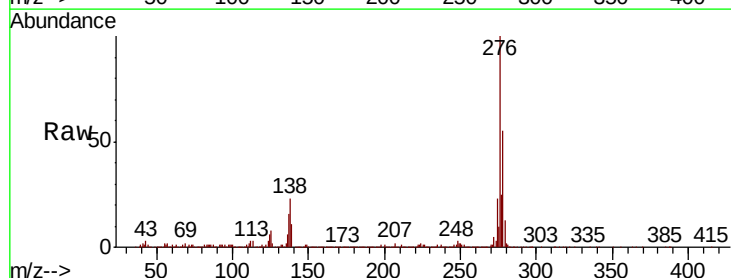
Tgt Ion:276 Resp: 1237769

Ion Ratio Lower Upper

276 100

138 25.0 23.2 34.8

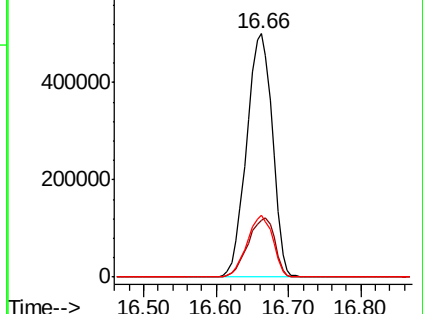
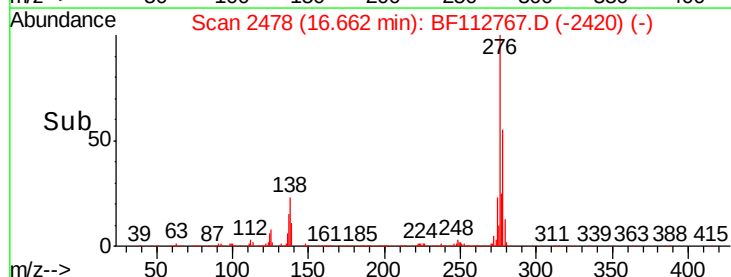
277 25.0 19.9 29.9

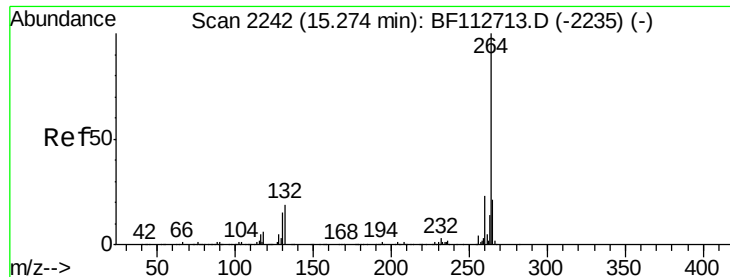


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.02 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

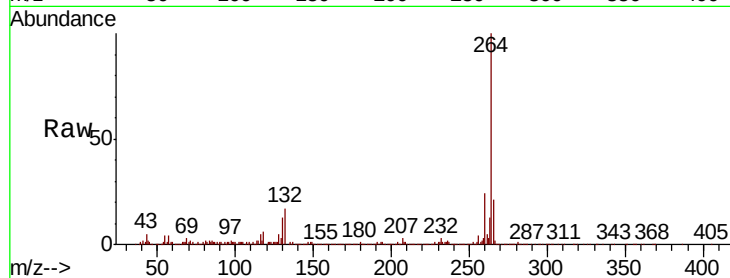
Tgt Ion:264 Resp: 397528

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

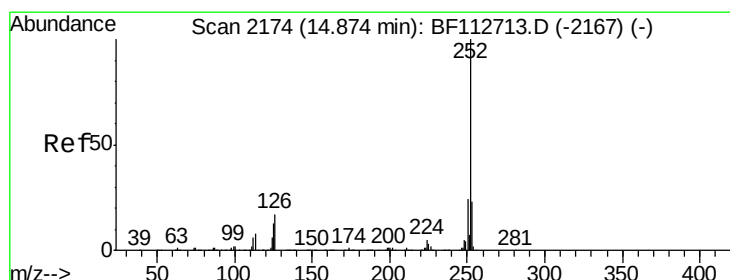
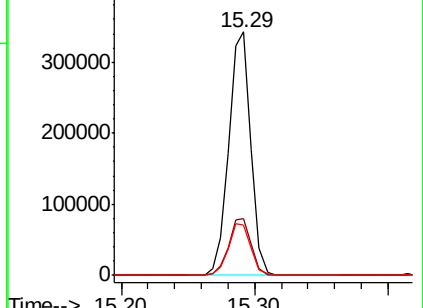
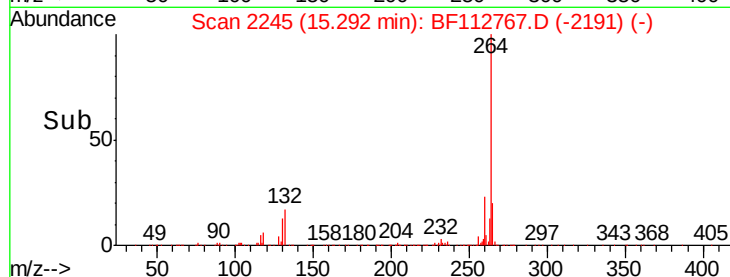
265 20.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.805 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.02 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

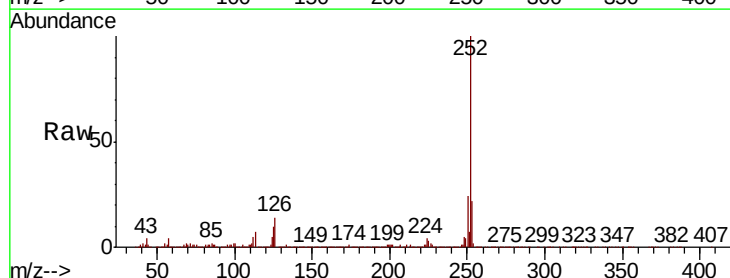
Tgt Ion:252 Resp: 972090

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

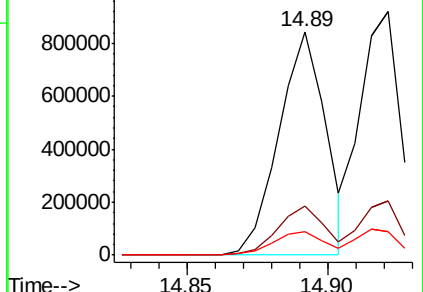
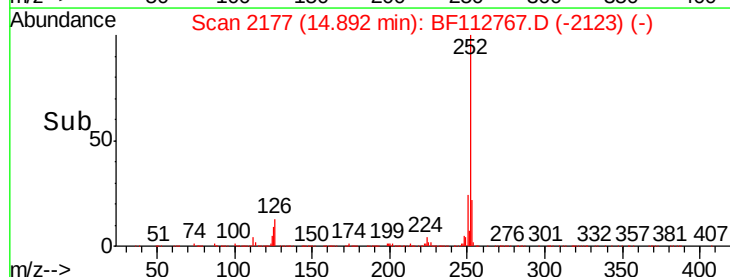
125 10.4 10.2 15.2



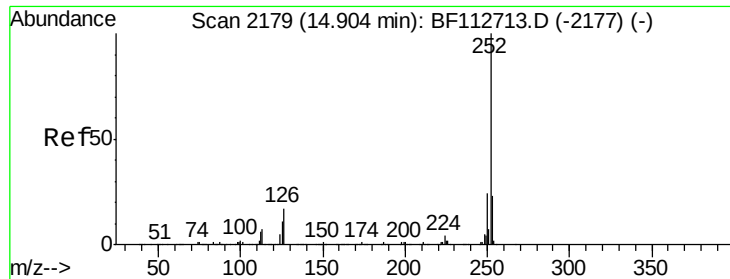
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



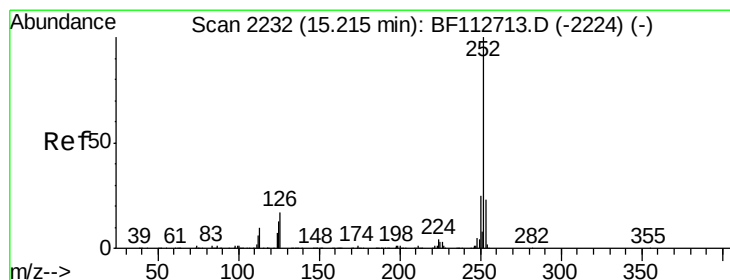
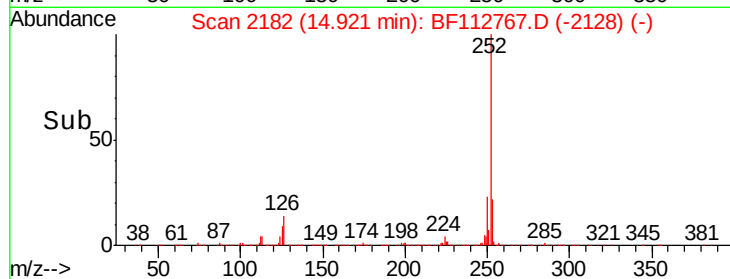
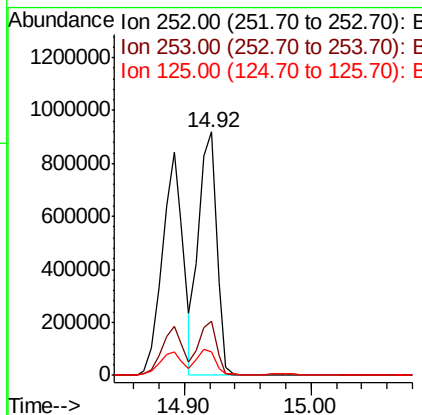
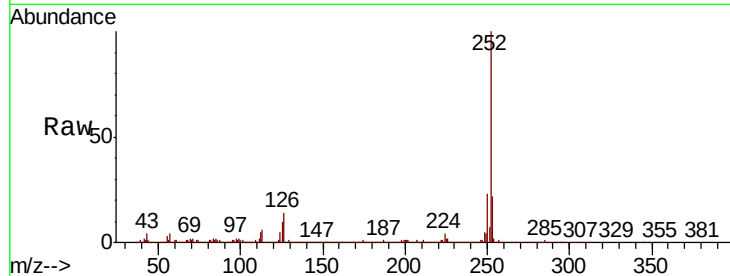




#89  
Benzo(k)fluoranthene  
Concen: 38.796 ng  
RT: 14.92 min Scan# 2182  
Delta R.T. 0.02 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

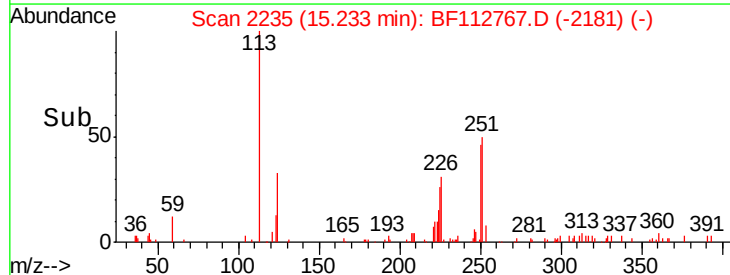
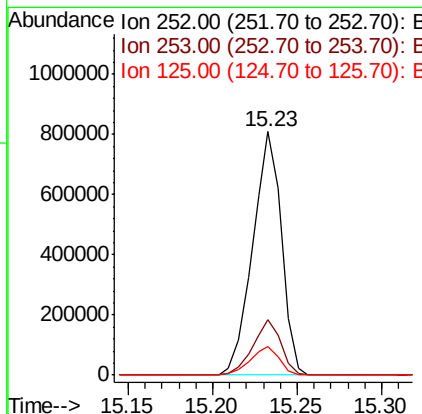
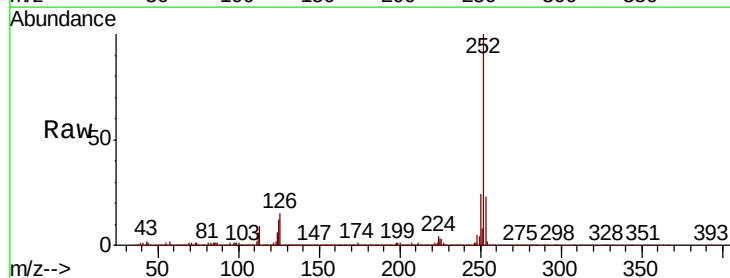
Instrument :  
BNA\_F  
ClientSampleId :  
PB117468BS

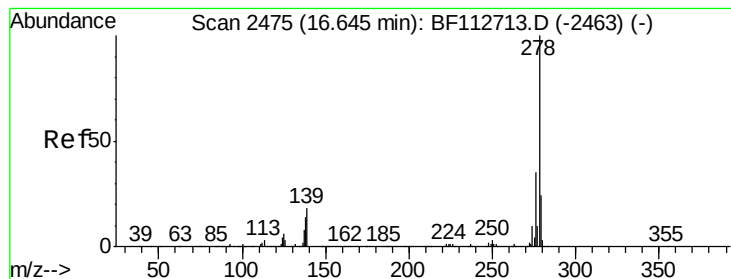
Tgt Ion:252 Resp: 903598  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.2 27.2  
125 9.8 9.8 14.6



#90  
Benzo(a)pyrene  
Concen: 42.116 ng  
RT: 15.23 min Scan# 2235  
Delta R.T. 0.02 min  
Lab File: BF112767.D  
Acq: 28 Feb 2019 18:07

Tgt Ion:252 Resp: 957870  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.0 27.0  
125 11.7 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 52.558 ng

RT: 16.68 min Scan# 2481

Delta R.T. 0.04 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

Instrument :

BNA\_F

ClientSampleId :

PB117468BS

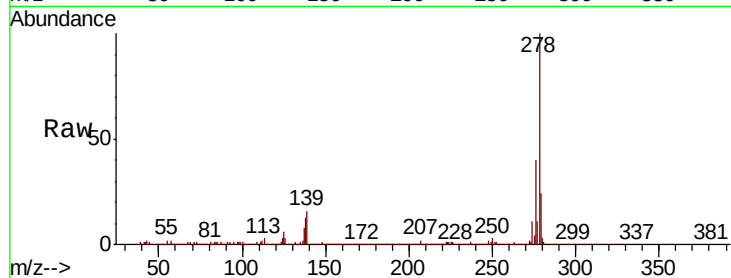
Tgt Ion:278 Resp: 1020034

Ion Ratio Lower Upper

278 100

139 15.6 14.3 21.5

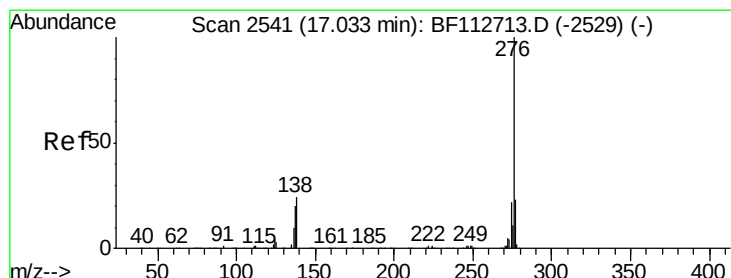
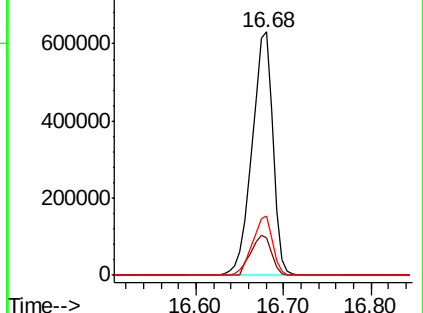
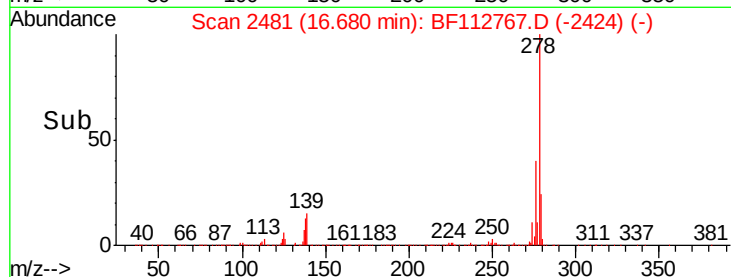
279 24.3 19.4 29.0



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: 54.817 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.04 min

Lab File: BF112767.D

Acq: 28 Feb 2019 18:07

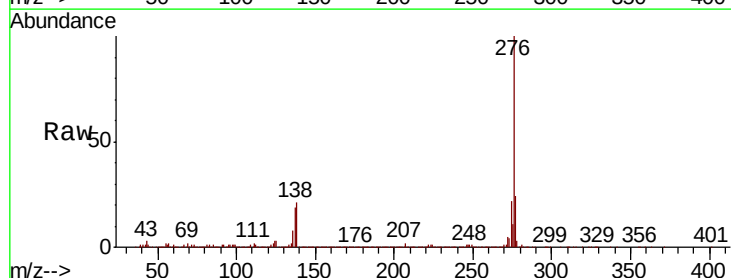
Tgt Ion:276 Resp: 1068267

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 21.5 19.4 29.0



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

