

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\  
 Data File : BF121635.D  
 Acq On : 21 Sep 2020 19:38  
 Operator : JU/CG  
 Sample : L4048-01MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

Quant Time: Sep 22 00:51:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 21 14:19:01 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 128327   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 503188   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.86  | 164  | 259109   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.35 | 188  | 468124   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.00 | 240  | 306846   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.46 | 264  | 317429   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.45  | 112 | 821201  | 95.10 | ng | 0.01 |
| 7) Phenol-d6             | 6.46  | 99  | 1066328 | 94.13 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.38  | 82  | 728737  | 77.76 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.66 | 330 | 321341  | 99.78 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.18  | 172 | 1271684 | 74.33 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.94 | 244 | 1181476 | 78.01 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.61 | 88  | 150146  | 37.848 | ng | 98     |
| 3) Pyridine                    | 3.35 | 79  | 414977  | 37.839 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.30 | 42  | 203180  | 39.941 | ng | 98     |
| 6) Aniline                     | 6.48 | 93  | 253287  | 17.167 | ng | 93     |
| 8) 2-Chlorophenol              | 6.60 | 128 | 377230  | 42.908 | ng | 98     |
| 9) Benzaldehyde                | 6.36 | 77  | 151069  | 20.399 | ng | 96     |
| 10) Phenol                     | 6.47 | 94  | 481905  | 39.947 | ng | 85     |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 372904  | 41.014 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 403030  | 41.071 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.83 | 146 | 408510  | 41.460 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 387652  | 42.708 | ng | 99     |
| 15) Benzyl Alcohol             | 6.96 | 79  | 334972  | 43.503 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45  | 574571  | 39.271 | ng | 98     |
| 17) 2-Methylphenol             | 7.08 | 107 | 312536  | 41.780 | ng | 99     |
| 18) Hexachloroethane           | 7.33 | 117 | 151888  | 43.052 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 263969  | 40.430 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.23 | 107 | 377119  | 41.959 | ng | # 83   |
| 22) Acetophenone               | 7.23 | 105 | 505921  | 39.628 | ng | 98     |
| 24) Nitrobenzene               | 7.40 | 77  | 410190  | 40.468 | ng | 99     |
| 25) Isophorone                 | 7.65 | 82  | 719724  | 38.150 | ng | 97     |
| 26) 2-Nitrophenol              | 7.72 | 139 | 196102  | 41.464 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 328754  | 39.039 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 454414  | 38.908 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 310962  | 40.542 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.05 | 180 | 325141  | 40.250 | ng | 98     |
| 31) Naphthalene                | 8.13 | 128 | 1093704 | 41.175 | ng | 100    |
| 32) Benzoic acid               | 7.86 | 122 | 70217   | 16.496 | ng | 89     |
| 33) 4-Chloroaniline            | 8.17 | 127 | 188040  | 16.331 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.24 | 225 | 193852  | 40.884 | ng | 99     |
| 35) Caprolactam                | 8.55 | 113 | 56016   | 21.931 | ng | # 88   |
| 36) 4-Chloro-3-methylphenol    | 8.67 | 107 | 331344  | 40.102 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.82 | 142 | 771521  | 44.321 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.92 | 142 | 666085  | 41.114 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.99 | 216 | 325129  | 40.170 | ng | 100    |

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 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

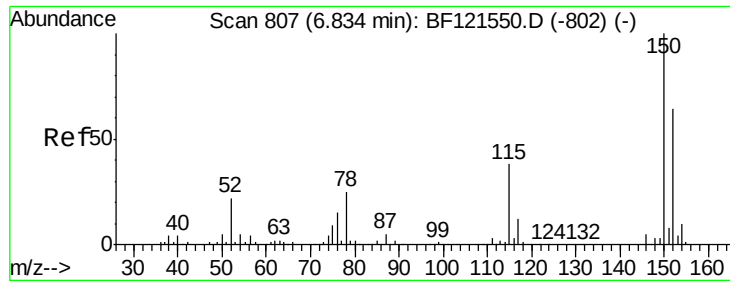
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

Quant Time: Sep 22 00:51:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 21 14:19:01 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.97  | 237  | 246649   | 53.363 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 9.10  | 196  | 219279   | 39.748 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.15  | 196  | 227969   | 39.088 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.29  | 154  | 833143   | 40.164 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.31  | 162  | 634563   | 38.820 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.40  | 65   | 220385   | 43.386 | ng    | 92       |
| 49) Acenaphthylene             | 9.73  | 152  | 997740   | 39.726 | ng    | 99       |
| 50) Dimethylphthalate          | 9.59  | 163  | 837010   | 44.570 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.65  | 165  | 169132   | 42.289 | ng    | 95       |
| 52) Acenaphthene               | 9.90  | 154  | 593053   | 37.385 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.82  | 138  | 120177   | 25.939 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 9.93  | 184  | 69973    | 35.951 | ng    | 93       |
| 55) Dibenzofuran               | 10.07 | 168  | 889162   | 39.802 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.99  | 139  | 262087   | 70.931 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 10.05 | 165  | 222141   | 44.149 | ng    | 96       |
| 58) Fluorene                   | 10.42 | 166  | 681699   | 39.903 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.15 | 232  | 174336   | 36.769 | ng    | 92       |
| 60) Diethylphthalate           | 10.29 | 149  | 731591   | 39.956 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.40 | 204  | 329277   | 40.236 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.43 | 138  | 162374   | 35.297 | ng    | 97       |
| 63) Azobenzene                 | 10.56 | 77   | 746731   | 38.297 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.46 | 198  | 74369    | 29.046 | ng    | 90       |
| 66) n-Nitrosodiphenylamine     | 10.52 | 169  | 641847   | 39.965 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.89 | 248  | 216418   | 40.605 | ng    | 93       |
| 68) Hexachlorobenzene          | 10.96 | 284  | 241523   | 40.155 | ng    | 98       |
| 69) Atrazine                   | 11.05 | 200  | 152130   | 38.127 | ng    | 98       |
| 70) Pentachlorophenol          | 11.16 | 266  | 193842   | 58.682 | ng    | 99       |
| 71) Phenanthrene               | 11.37 | 178  | 1097521  | 43.031 | ng    | 100      |
| 72) Anthracene                 | 11.43 | 178  | 1047390  | 39.794 | ng    | 100      |
| 73) Carbazole                  | 11.59 | 167  | 918639   | 38.677 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.92 | 149  | 1091521  | 39.817 | ng    | 100      |
| 75) Fluoranthene               | 12.57 | 202  | 1176276  | 43.203 | ng    | 99       |
| 77) Benzidine                  | 12.69 | 184  | 218577   | 21.487 | ng    | # 92     |
| 78) Pyrene                     | 12.80 | 202  | 1144210  | 51.037 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.42 | 149  | 408217   | 45.022 | ng    | 96       |
| 81) Benzo(a)anthracene         | 13.99 | 228  | 863023   | 44.457 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.94 | 252  | 147643   | 19.481 | ng    | 99       |
| 83) Chrysene                   | 14.02 | 228  | 845253   | 42.998 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.97 | 149  | 511103   | 42.195 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.59 | 149  | 824327   | 38.562 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.92 | 276  | 1033132  | 49.977 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 15.03 | 252  | 889985   | 41.940 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.06 | 252  | 817067   | 42.046 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.40 | 252  | 797257   | 44.198 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.93 | 278  | 820744   | 47.696 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.36 | 276  | 894624   | 52.889 | ng    | 98       |

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



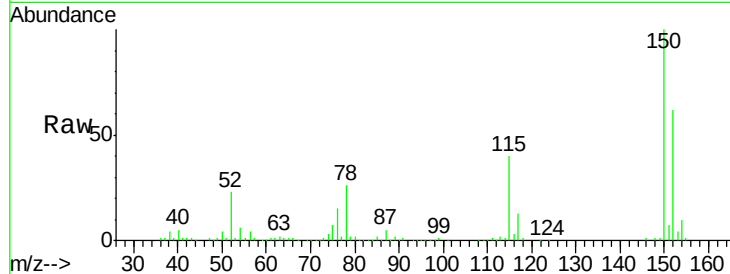


#1

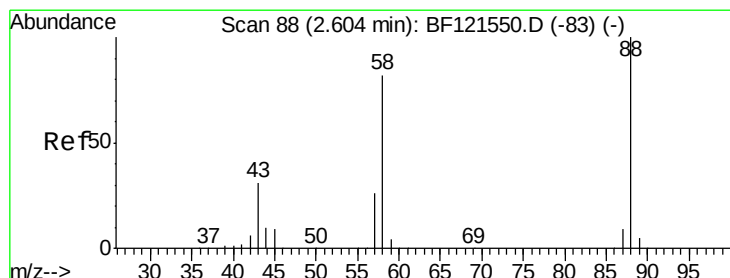
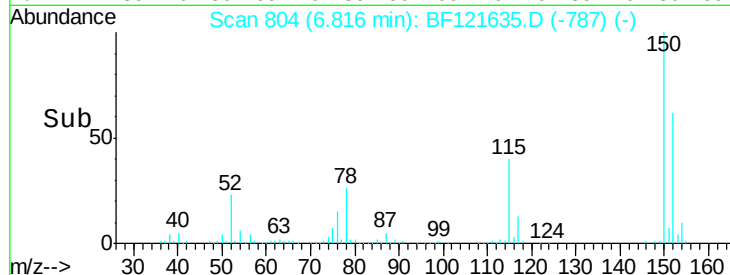
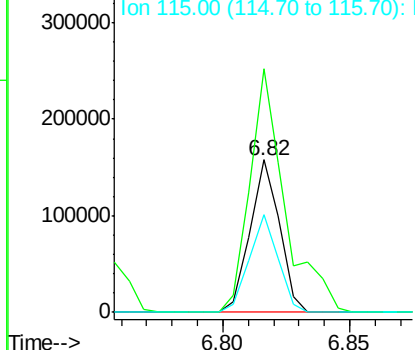
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.82 min Scan# 804  
Delta R.T. 0.00 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tot Ion:152 Resp: 128327  
Ion Ratio Lower Upper  
152 100  
150 160.0 128.1 192.1  
115 63.9 52.6 79.0



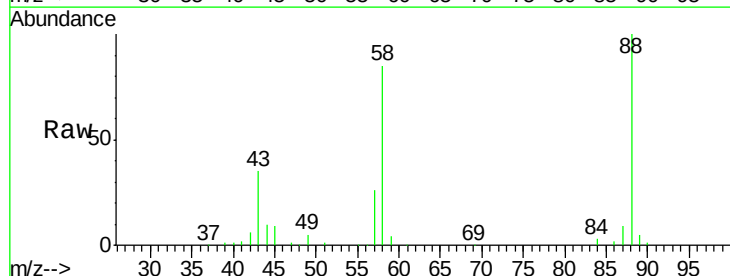
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



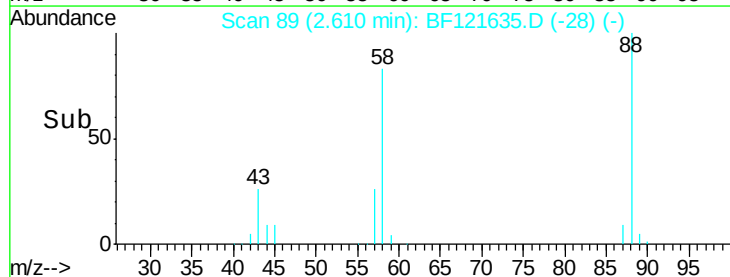
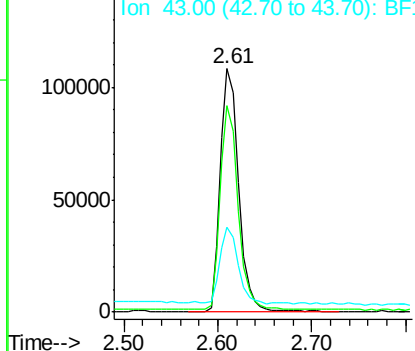
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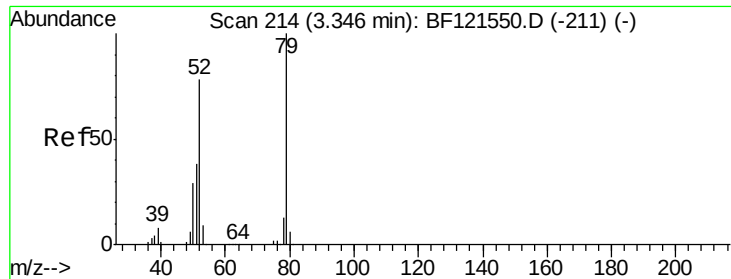
1,4-Dioxane  
Concen: 37.848 ng  
RT: 2.61 min Scan# 89  
Delta R.T. 0.06 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

Tgt Ion: 88 Resp: 150146  
Ion Ratio Lower Upper  
88 100  
58 79.9 65.4 98.0  
43 29.6 24.9 37.3



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





#3

Pvridine

Concen: 37.839 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.05 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

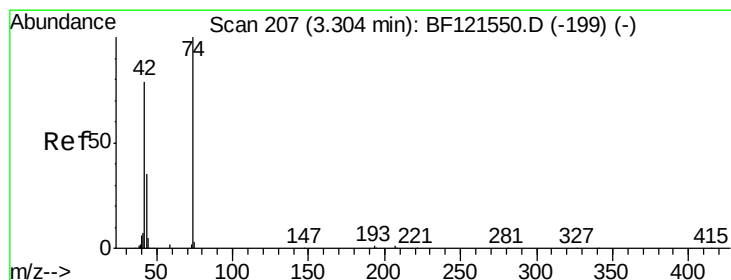
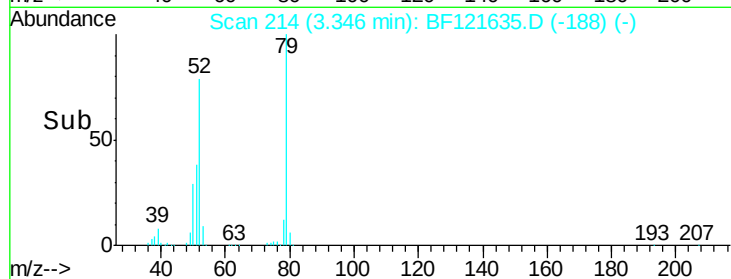
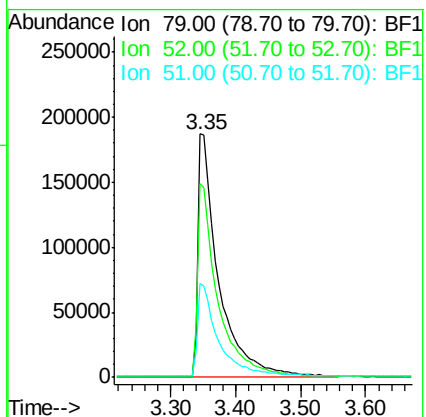
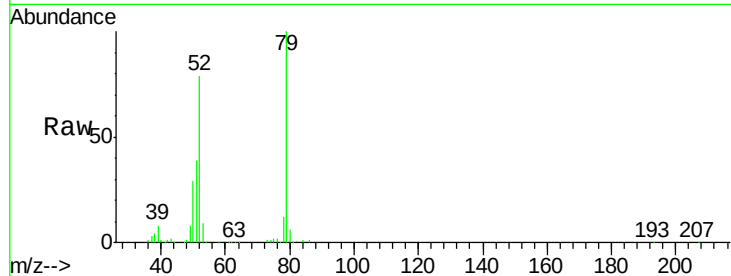
Tot Ion: 79 Resp: 414977

Ion Ratio Lower Upper

79 100

52 79.4 63.4 95.0

51 38.6 30.7 46.1



#4

n-Nitrosodimethylamine

Concen: 39.941 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.05 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

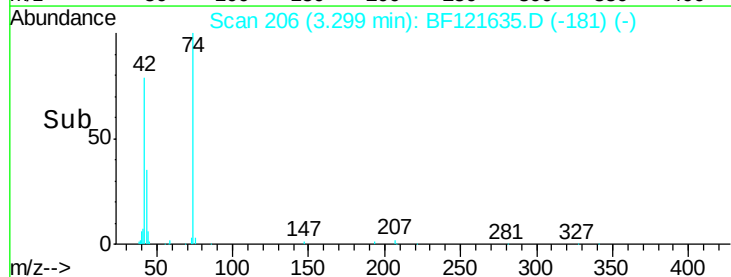
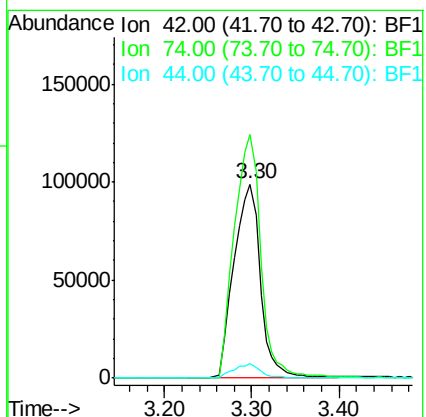
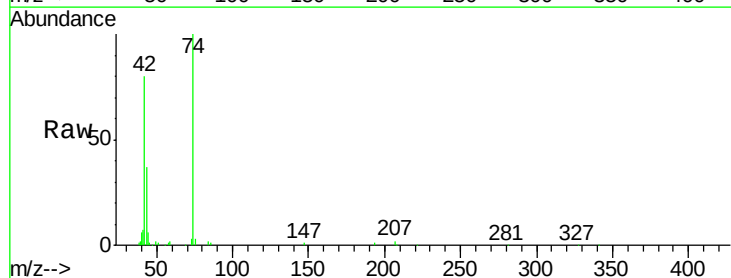
Tgt Ion: 42 Resp: 203180

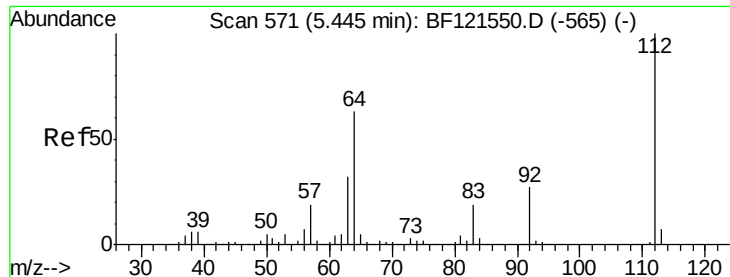
Ion Ratio Lower Upper

42 100

74 125.3 102.6 154.0

44 7.2 6.0 9.0





#5

2-Fluorophenol

Concen: 95.101 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

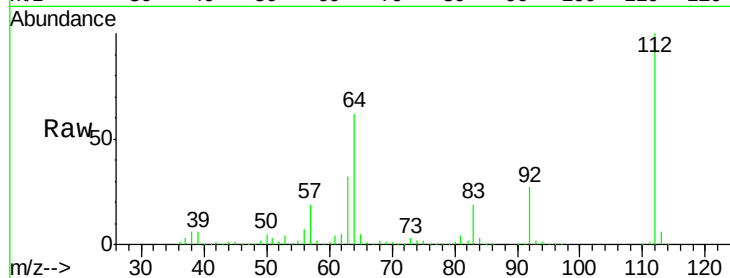
Tot Ion:112 Resp: 821201

Ion Ratio Lower Upper

112 100

64 61.5 52.2 78.2

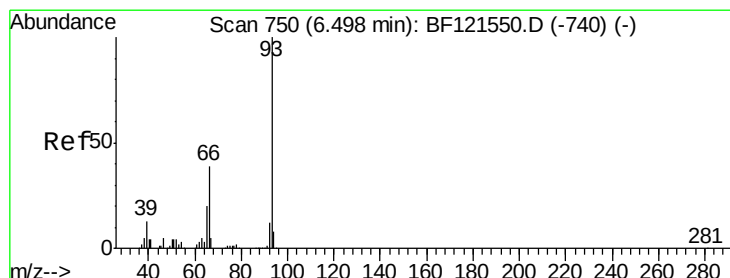
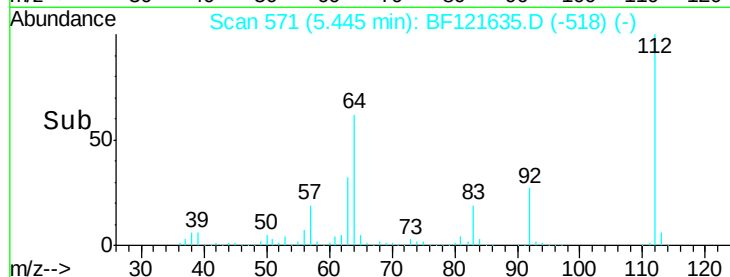
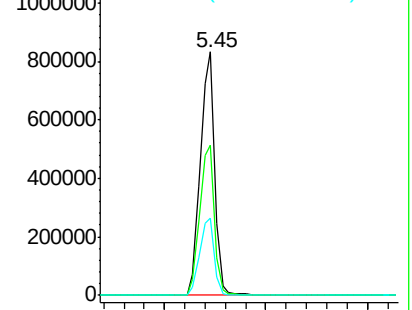
63 31.5 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.167 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

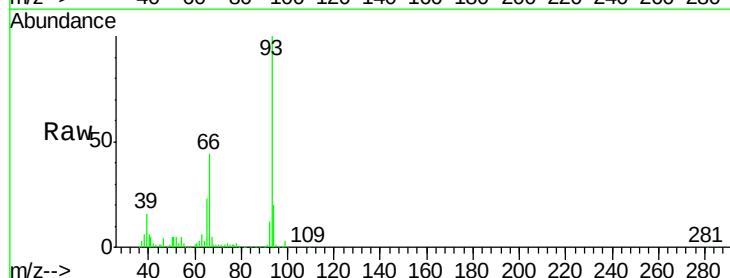
Tgt Ion: 93 Resp: 253287

Ion Ratio Lower Upper

93 100

66 44.1 31.9 47.9

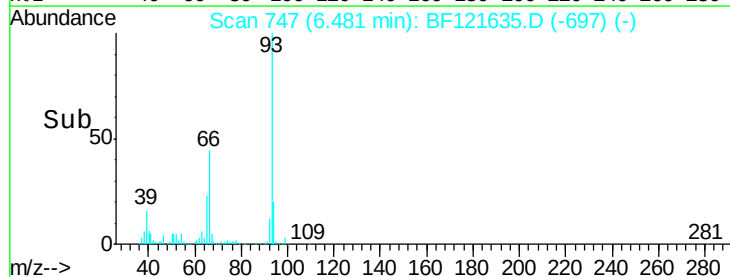
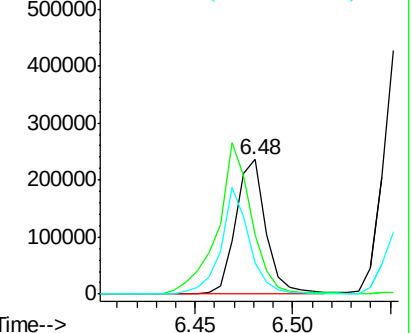
65 23.1 16.1 24.1

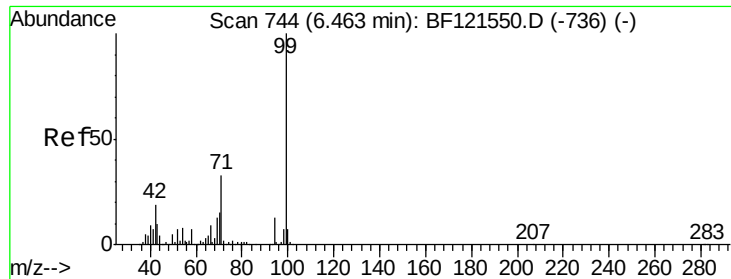


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.127 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

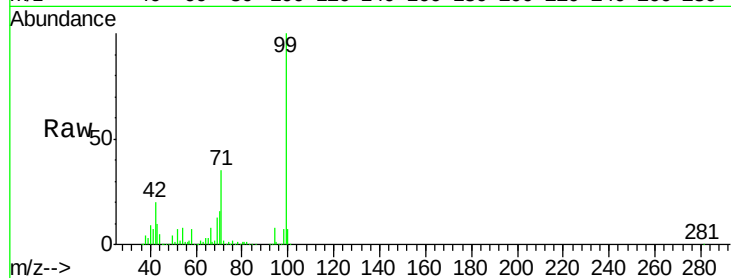
Tot Ion: 99 Resp: 1066328

Ion Ratio Lower Upper

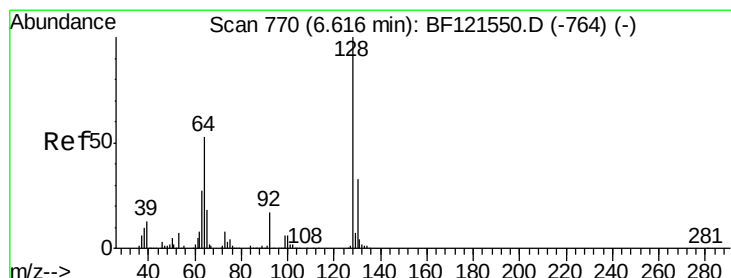
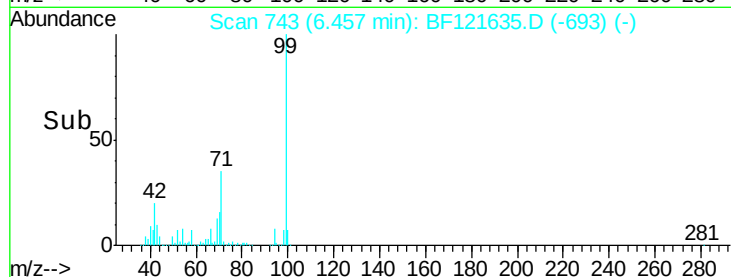
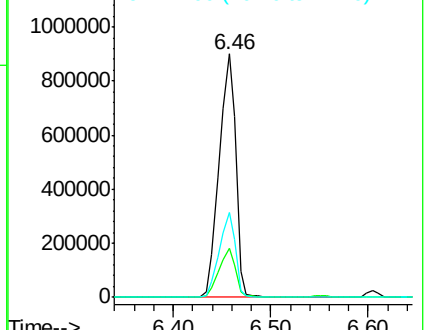
99 100

42 20.3 15.5 23.3

71 35.0 27.4 41.2



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



#8

2-Chlorophenol

Concen: 42.908 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

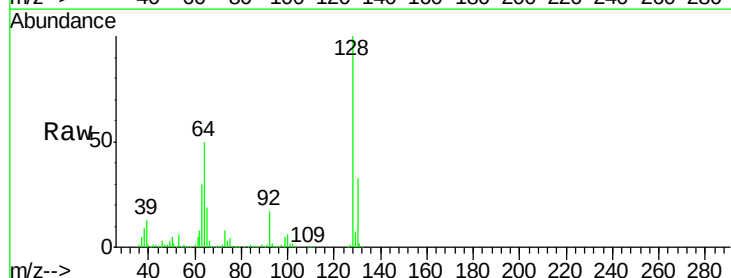
Tgt Ion: 128 Resp: 377230

Ion Ratio Lower Upper

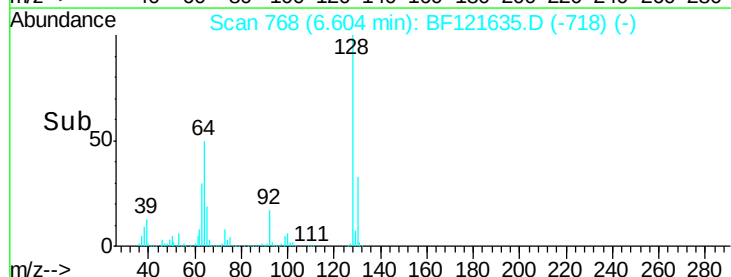
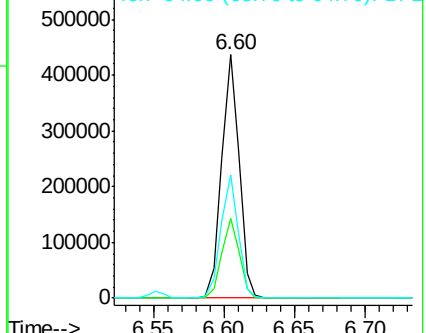
128 100

130 32.8 13.5 53.5

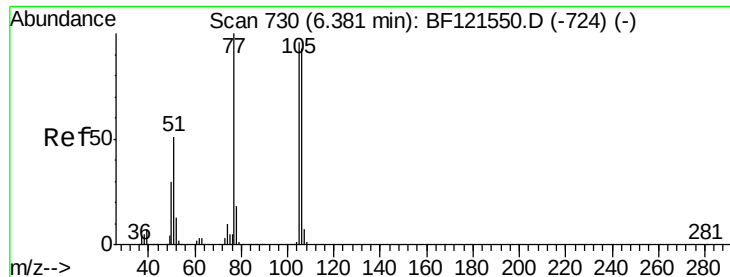
64 50.5 29.3 69.3



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







#9

Benzaldehyde

Concen: 20.399 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

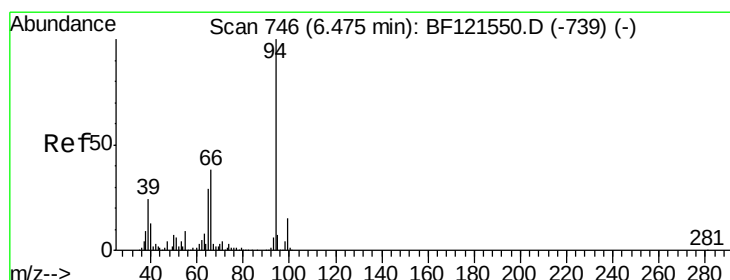
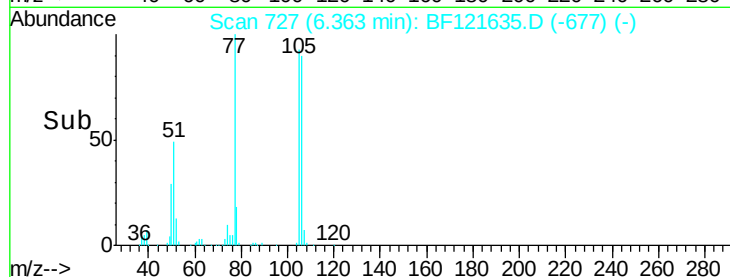
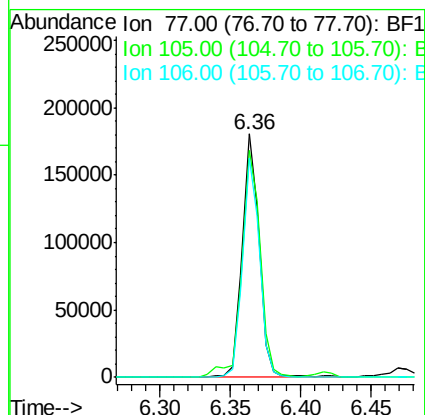
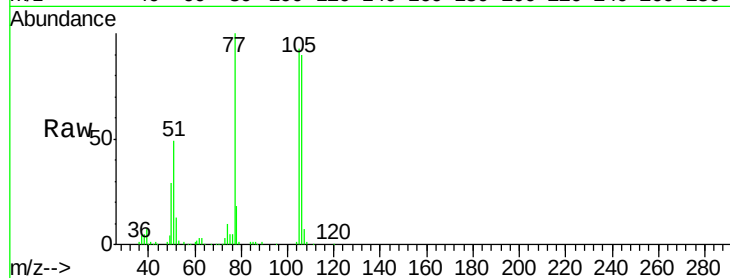
Tot Ion: 77 Resp: 151069

Ion Ratio Lower Upper

77 100

105 93.3 79.2 119.2

106 90.1 72.9 112.9



#10

Phenol

Concen: 39.947 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

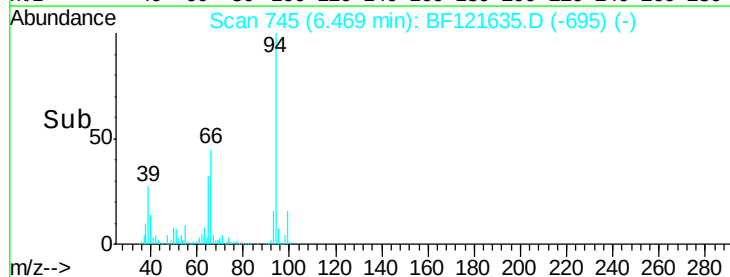
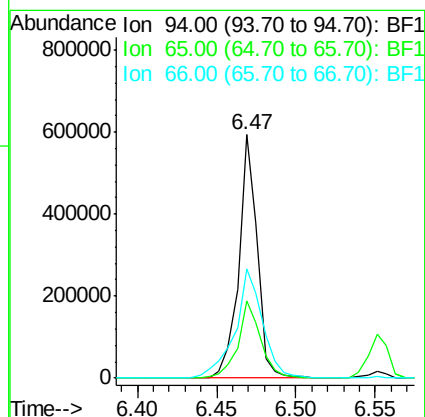
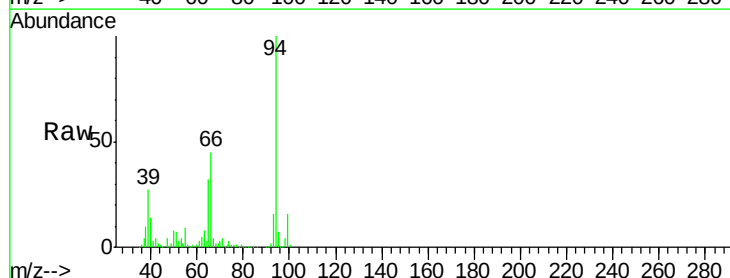
Tgt Ion: 94 Resp: 481905

Ion Ratio Lower Upper

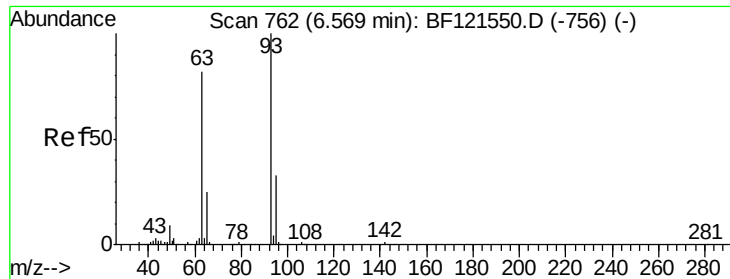
94 100

65 31.6 17.8 57.8

66 44.6 37.8 77.8



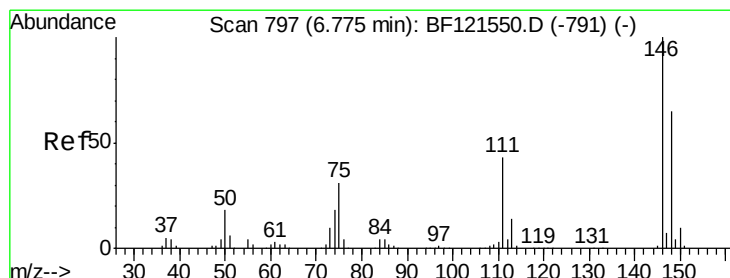
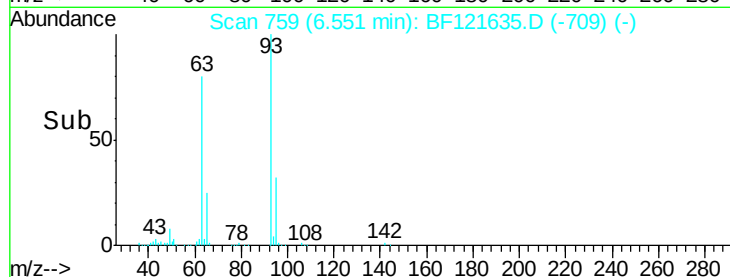
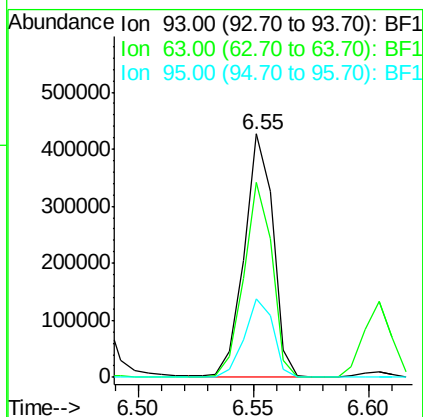
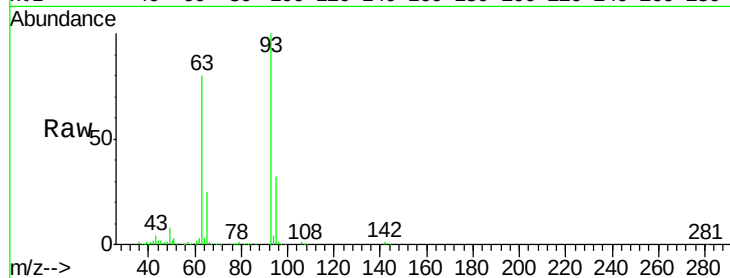




#11  
bis(2-Chloroethyl)ether  
Concen: 41.014 ng  
RT: 6.55 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

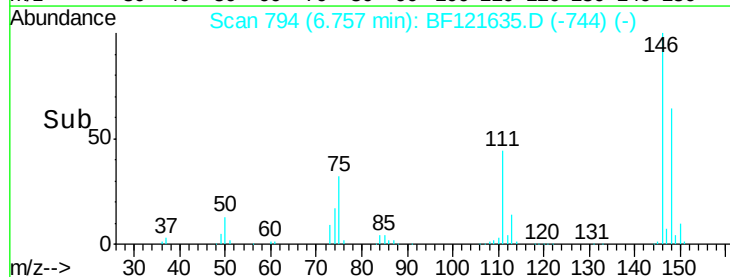
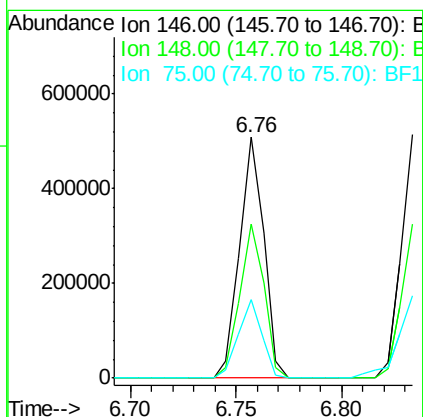
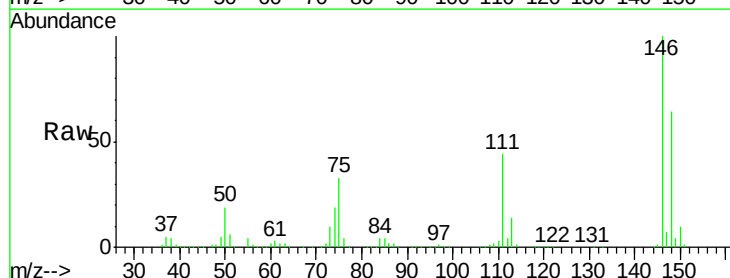
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

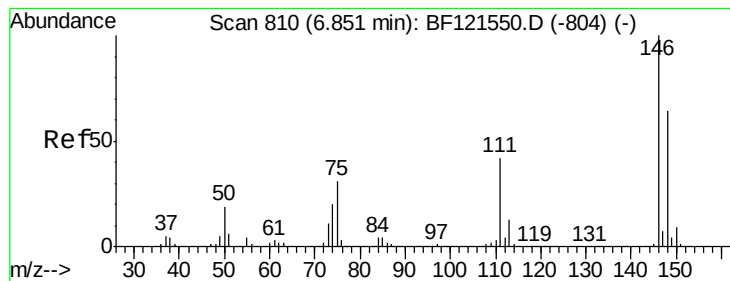
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 80.3  | 60.3  | 100.3 |
| 95      | 32.2  | 12.6  | 52.6  |



#12  
1,3-Dichlorobenzene  
Concen: 41.071 ng  
RT: 6.76 min Scan# 794  
Delta R.T. -0.01 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 50.6  | 75.8  |
| 75      | 32.7  | 23.5  | 35.3  |





#13

1,4-Dichlorobenzene

Concen: 41.460 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

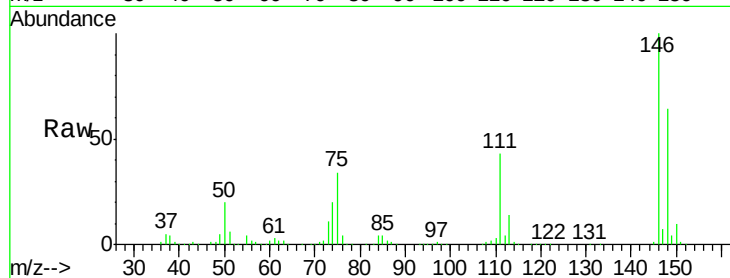
Tot Ion:146 Resp: 408510

Ion Ratio Lower Upper

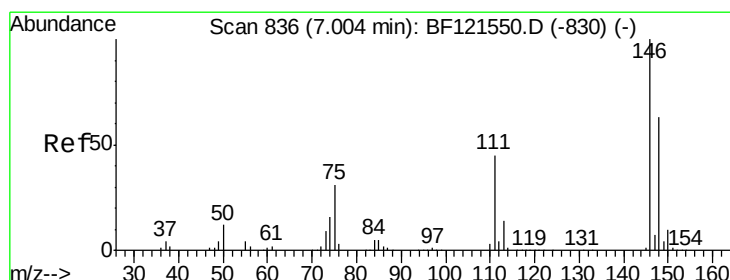
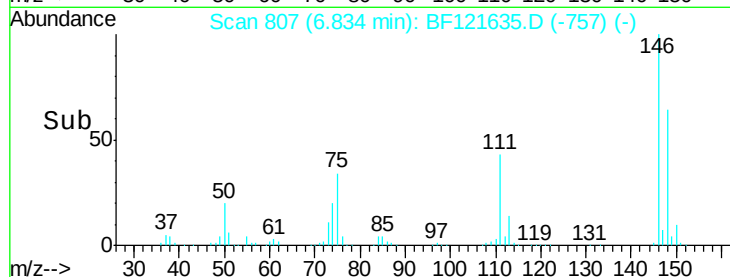
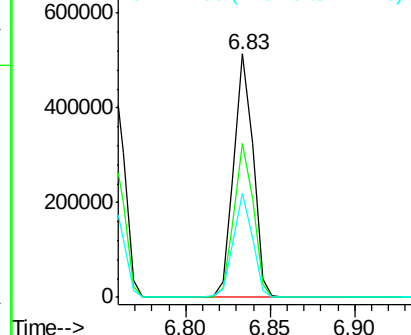
146 100

148 63.5 51.9 77.9

111 43.0 32.7 49.1



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



#14

1,2-Dichlorobenzene

Concen: 42.708 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

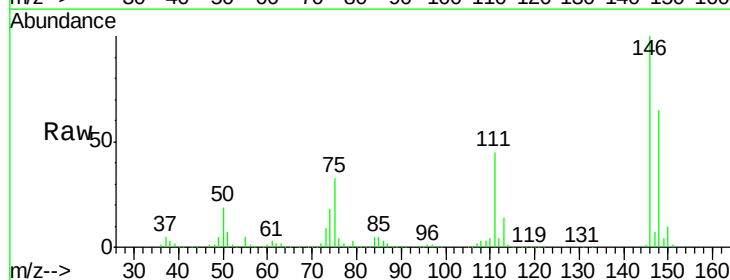
Tgt Ion:146 Resp: 387652

Ion Ratio Lower Upper

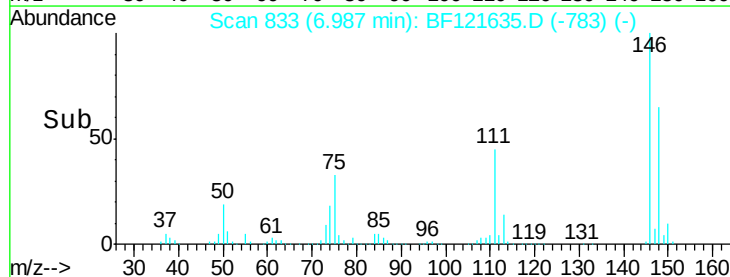
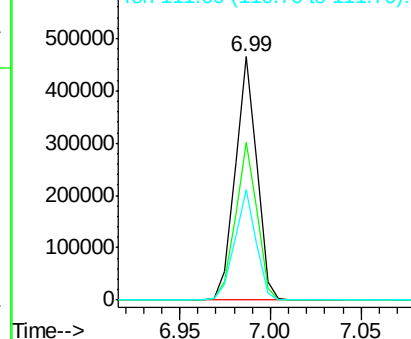
146 100

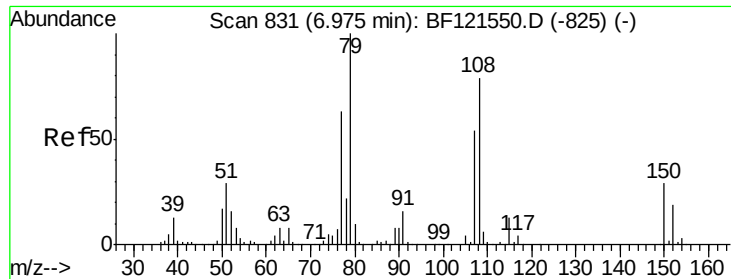
148 64.6 51.3 76.9

111 45.2 35.5 53.3



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

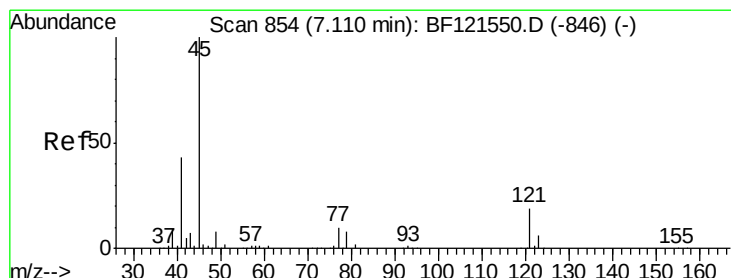
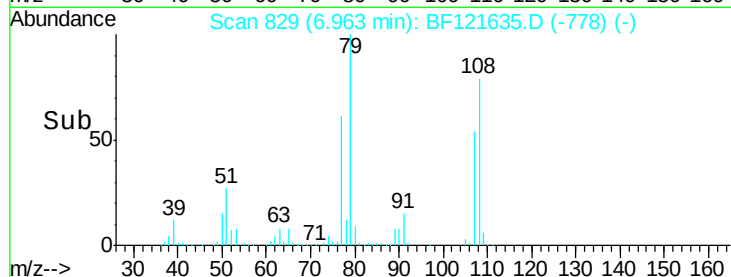
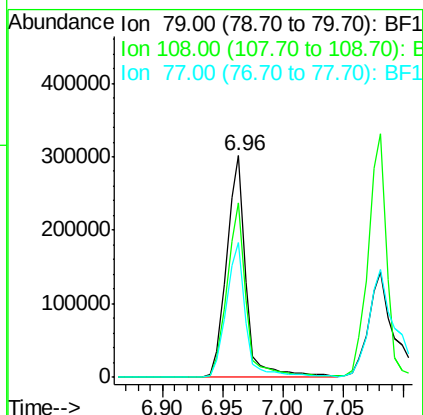
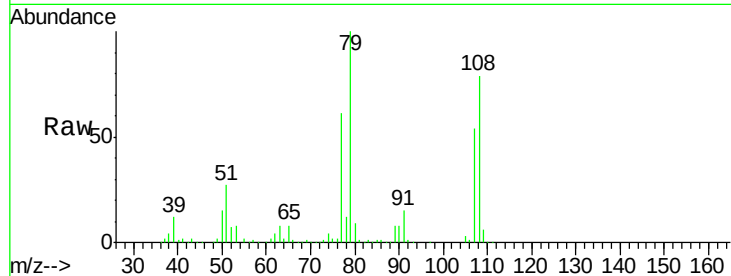




#15  
Benzyl Alcohol  
Concen: 43.503 ng  
RT: 6.96 min Scan# 829  
Delta R.T. 0.00 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

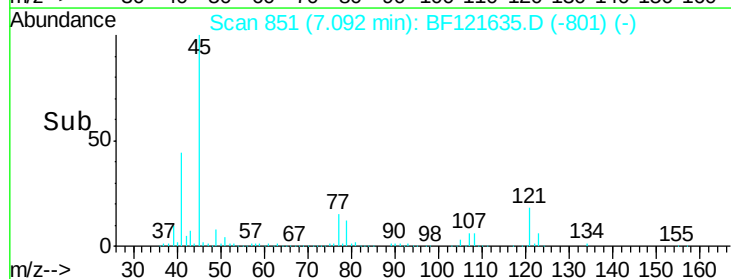
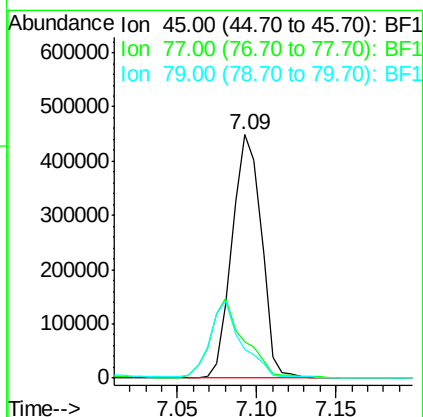
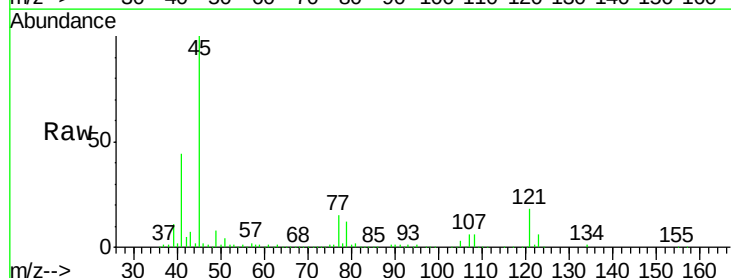
Instrument :  
BNA\_F  
ClientSampled :  
WC-1MS

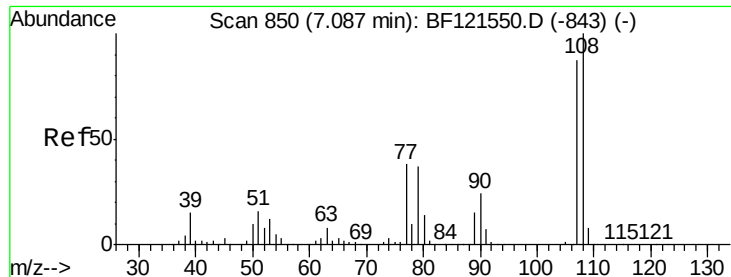
Tot Ion: 79 Resp: 334972  
Ion Ratio Lower Upper  
79 100  
108 78.5 60.2 90.2  
77 60.7 50.6 76.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.271 ng  
RT: 7.09 min Scan# 851  
Delta R.T. -0.01 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

Tgt Ion: 45 Resp: 574571  
Ion Ratio Lower Upper  
45 100  
77 15.0 0.0 33.8  
79 11.9 0.0 31.2

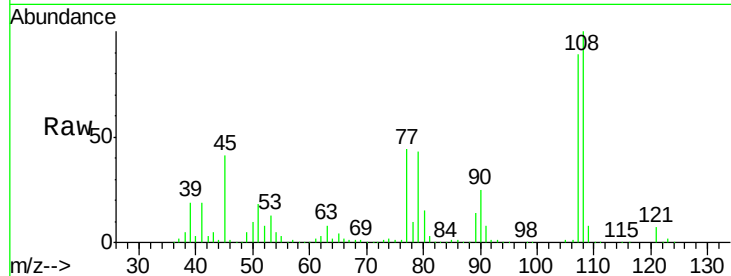




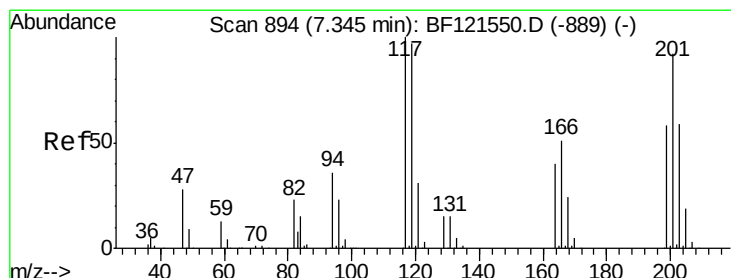
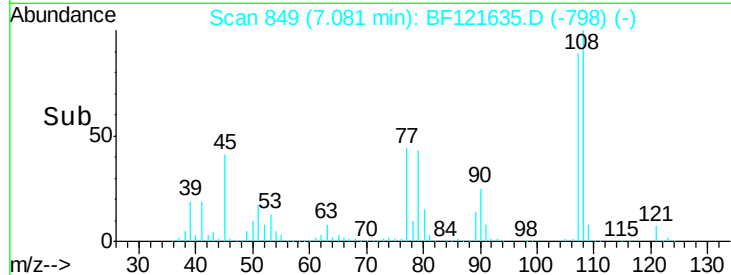
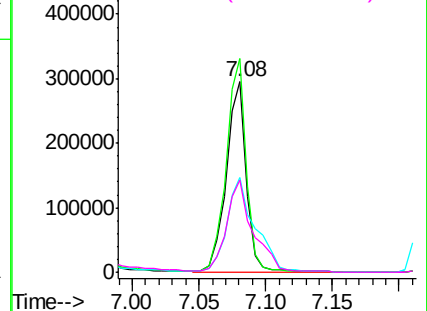
#17  
2-Methylphenol  
Concen: 41.780 ng  
RT: 7.08 min Scan# 849  
Delta R.T. 0.00 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 312536 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.1 | 90.6  | 135.8  |
| 77       | 49.6  | 38.7  | 58.1   |
| 79       | 48.2  | 37.9  | 56.9   |

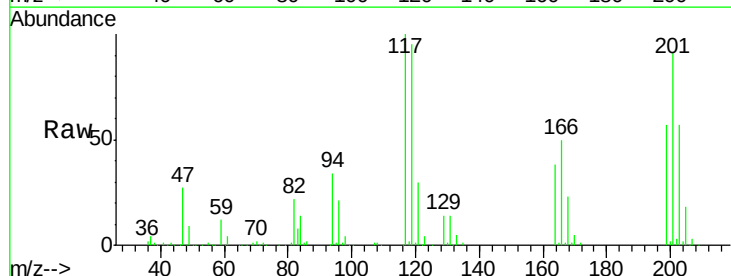


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

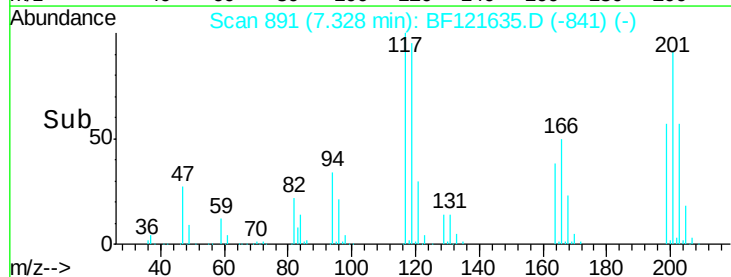
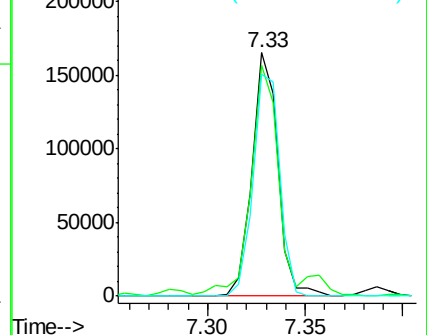


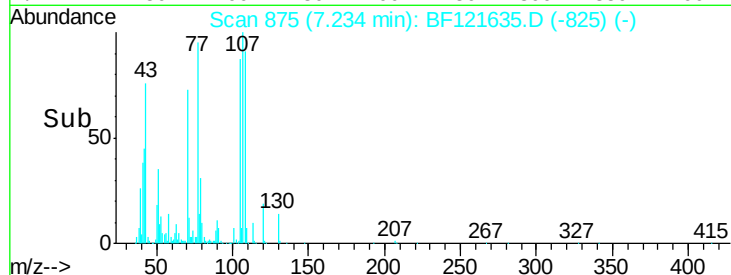
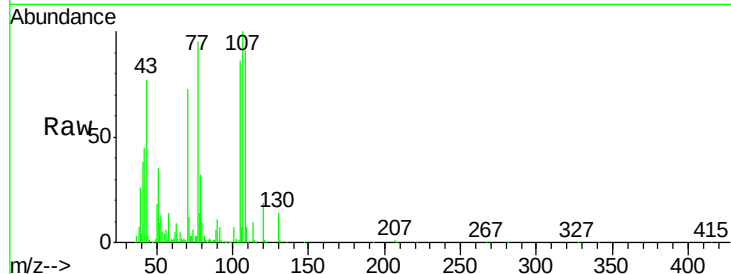
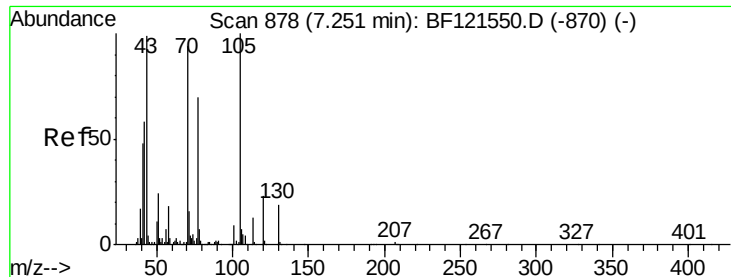
#18  
Hexachloroethane  
Concen: 43.052 ng  
RT: 7.33 min Scan# 891  
Delta R.T. -0.01 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 151888 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.0  | 75.7  | 113.5  |
| 201      | 90.9  | 77.5  | 116.3  |



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

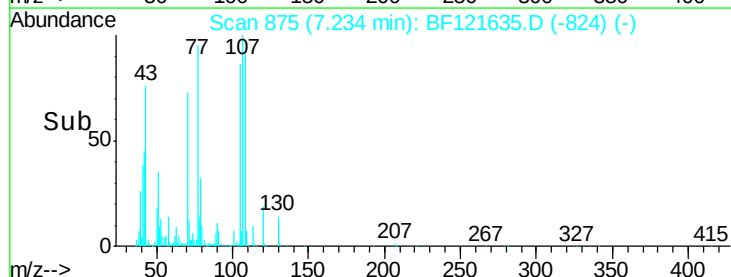
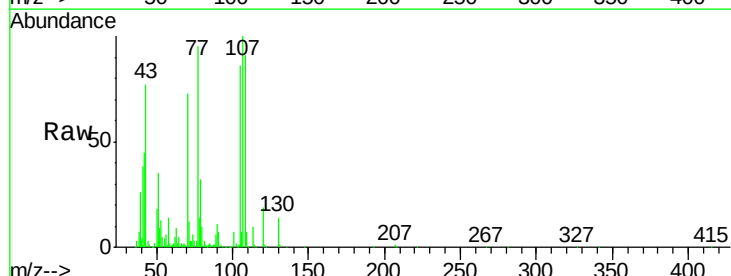
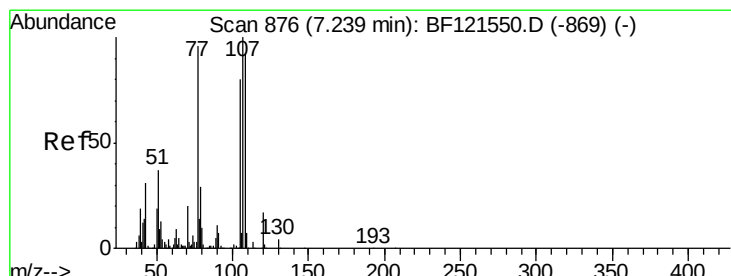
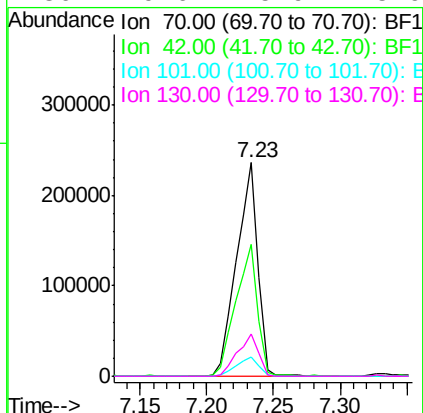




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.430 ng  
RT: 7.23 min Scan# 875  
Delta R.T. -0.01 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

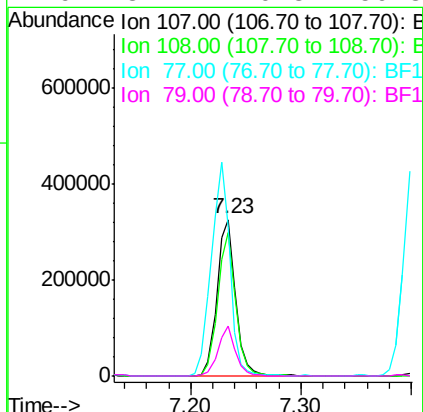
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

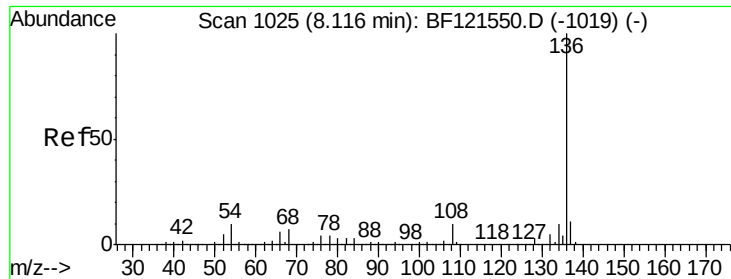
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 263969 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 61.9  | 48.3  | 72.5   |
| 101      | 9.1   | 7.6   | 11.4   |
| 130      | 19.6  | 15.9  | 23.9   |



#20  
3+4-Methylphenols  
Concen: 41.959 ng  
RT: 7.23 min Scan# 875  
Delta R.T. 0.00 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 377119 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.5  | 67.0  | 107.0  |
| 77       | 95.5  | 107.7 | 147.7# |
| 79       | 31.7  | 10.3  | 50.3   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

Tot Ion:136 Resp: 503188

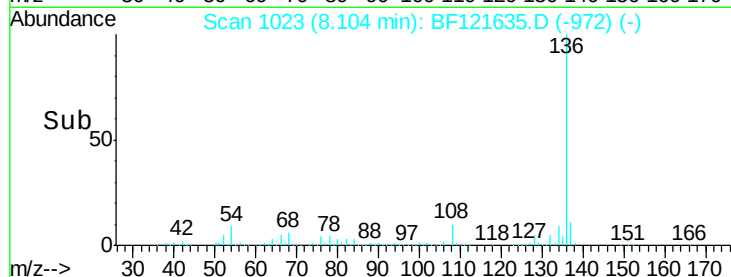
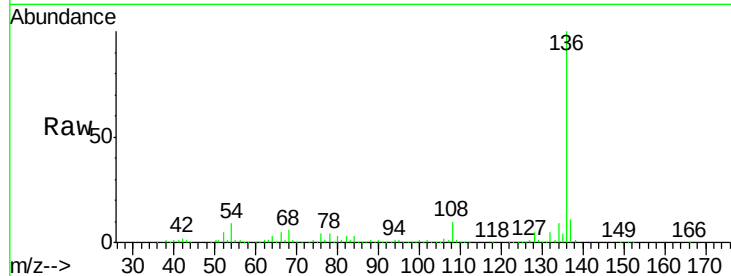
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.7 7.4 11.0

68 6.4 5.3 7.9

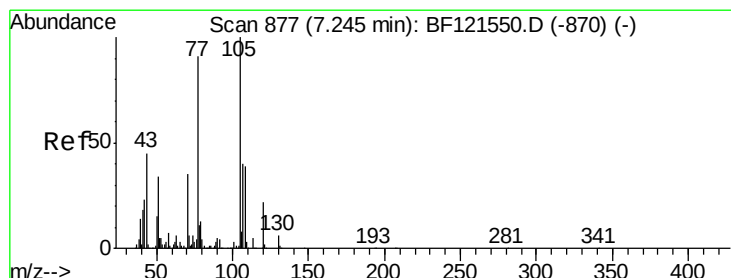
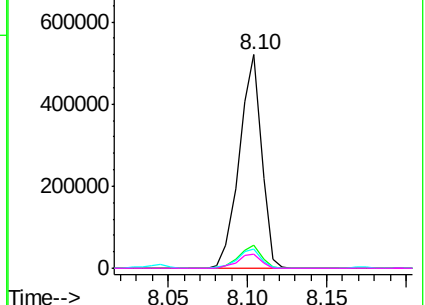


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.628 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Tgt Ion:105 Resp: 505921

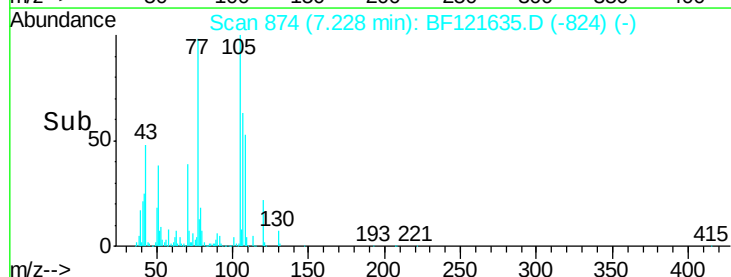
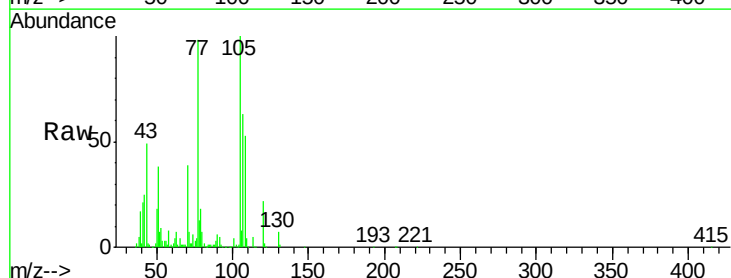
Ion Ratio Lower Upper

105 100

71 6.8 5.5 8.3

51 37.8 31.7 47.5

120 22.0 17.4 26.2

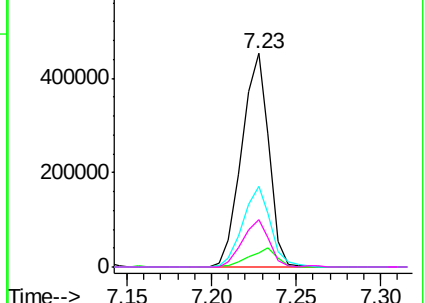


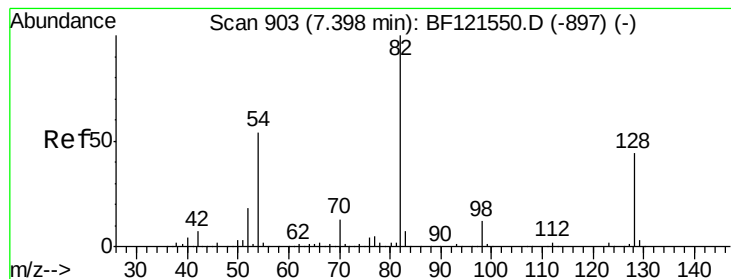
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.759 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

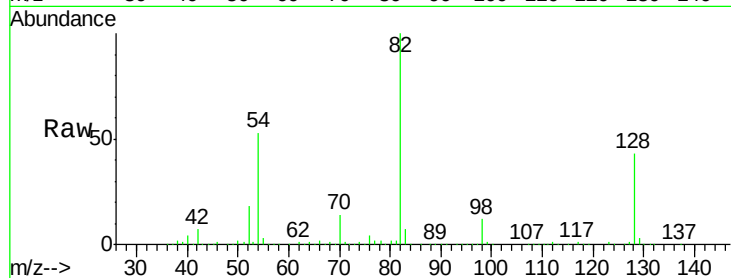
Tot Ion: 82 Resp: 728737

Ion Ratio Lower Upper

82 100

128 42.5 33.9 50.9

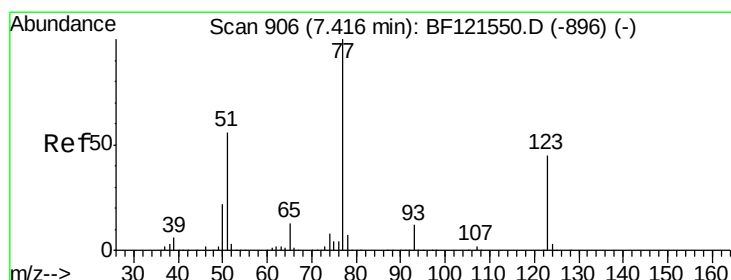
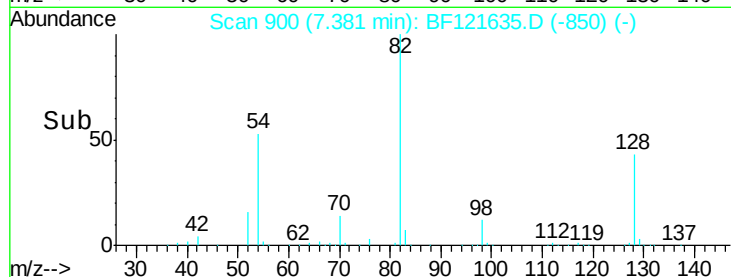
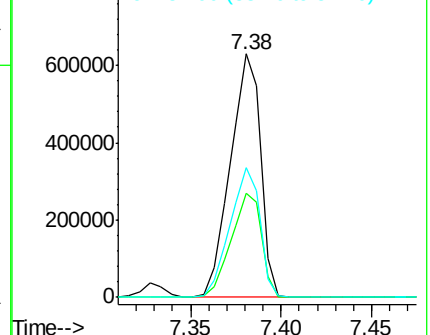
54 53.5 42.9 64.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.468 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

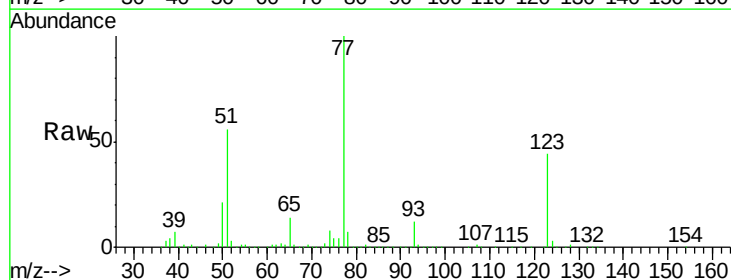
Tgt Ion: 77 Resp: 410190

Ion Ratio Lower Upper

77 100

123 44.2 35.8 53.8

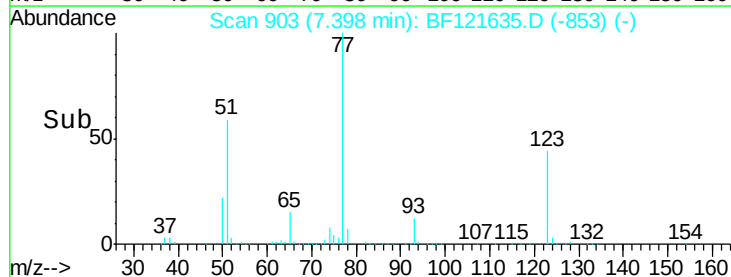
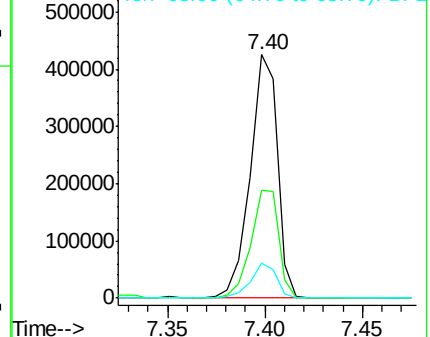
65 14.2 11.2 16.8



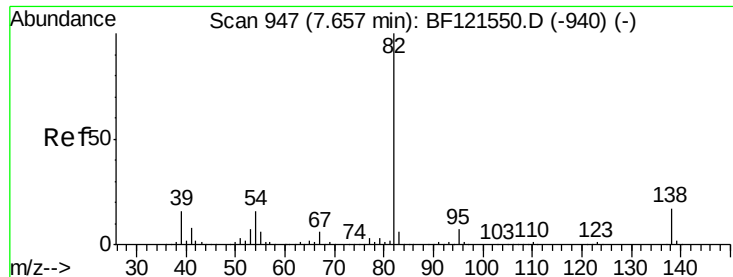
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1







#25

Isophorone

Concen: 38.150 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

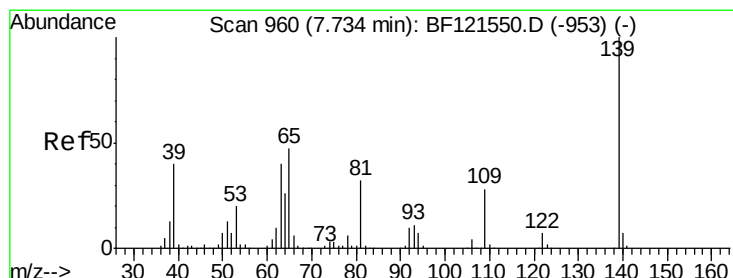
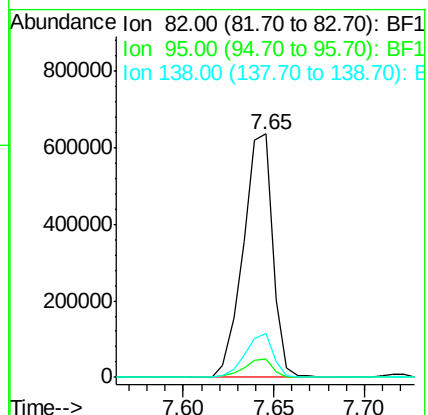
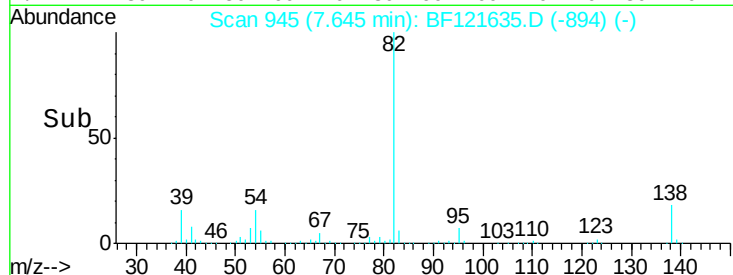
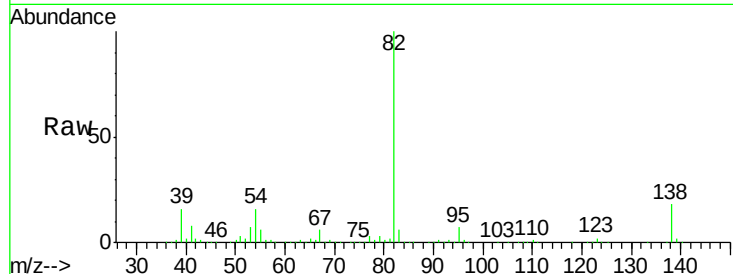
Tot Ion: 82 Resp: 719724

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

138 18.1 13.2 19.8



#26

2-Nitrophenol

Concen: 41.464 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

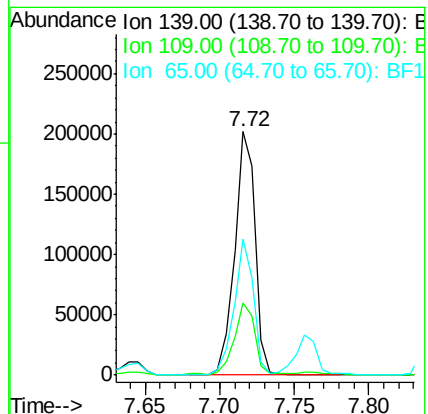
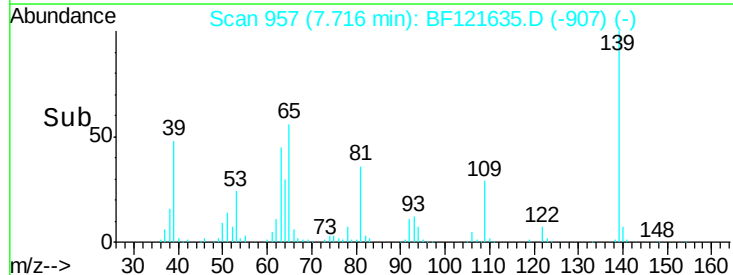
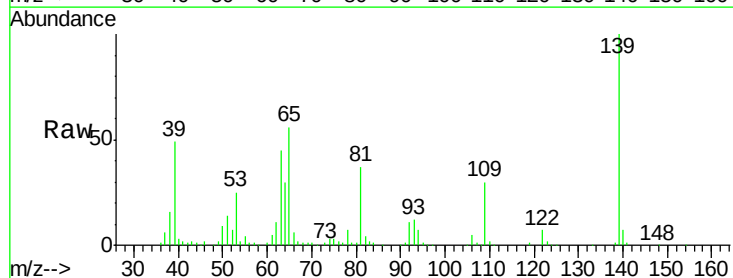
Tgt Ion: 139 Resp: 196102

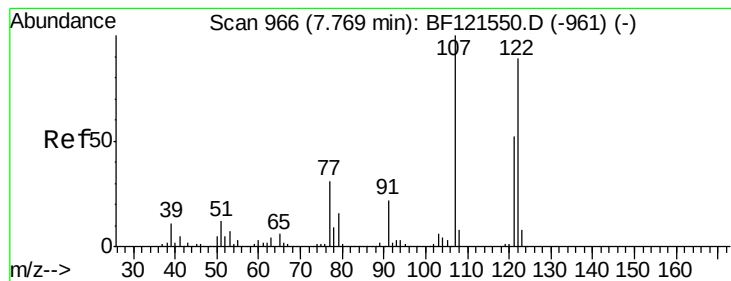
Ion Ratio Lower Upper

139 100

109 29.6 23.4 35.2

65 56.0 41.0 61.4





#27

2,4-Dimethylphenol

Concen: 39.039 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

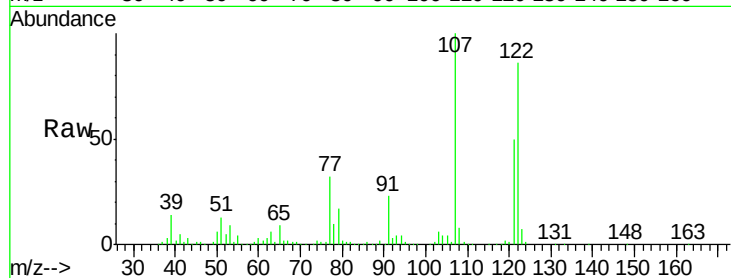
Tot Ion:122 Resp: 328754

Ion Ratio Lower Upper

122 100

107 116.3 91.4 137.0

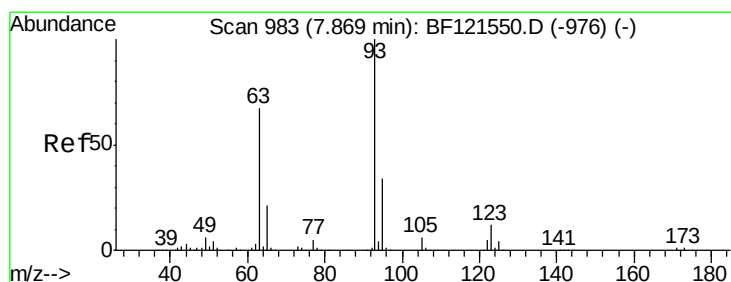
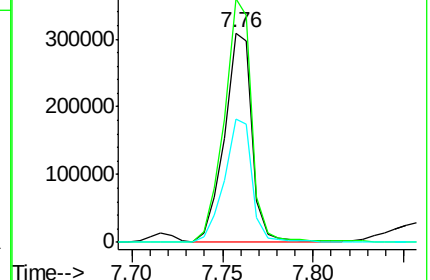
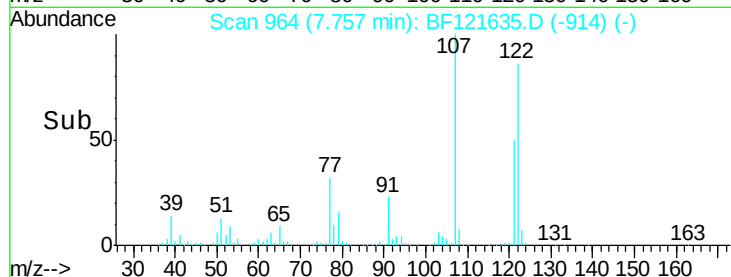
121 58.6 46.2 69.2



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: 38.908 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

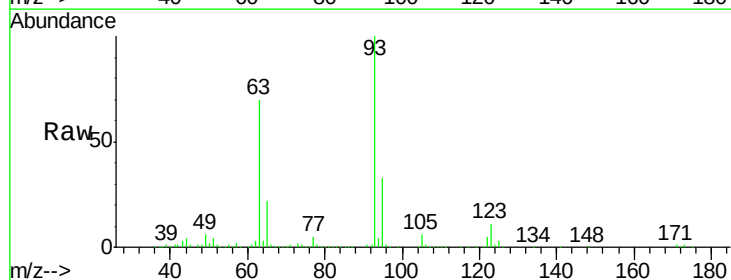
Tgt Ion: 93 Resp: 454414

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

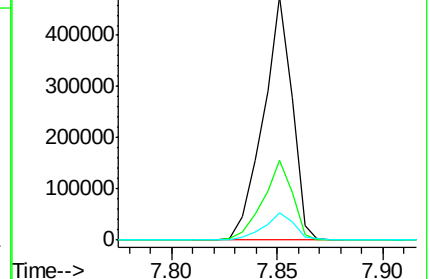
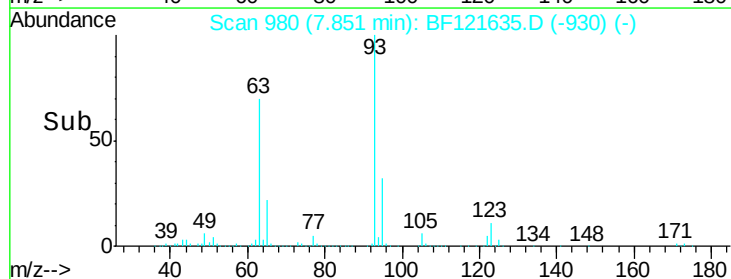
123 11.0 9.3 13.9

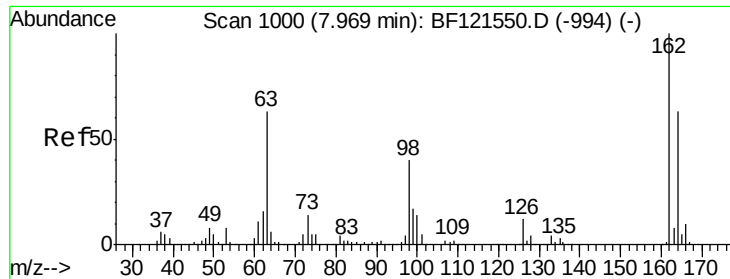


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

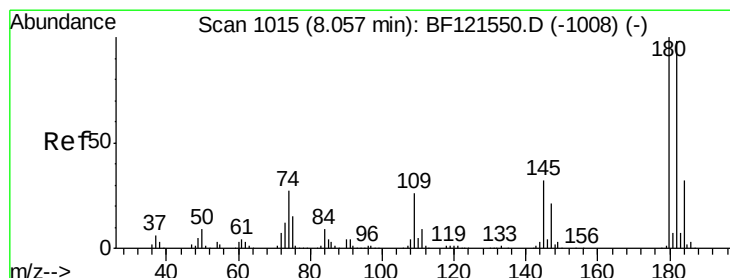
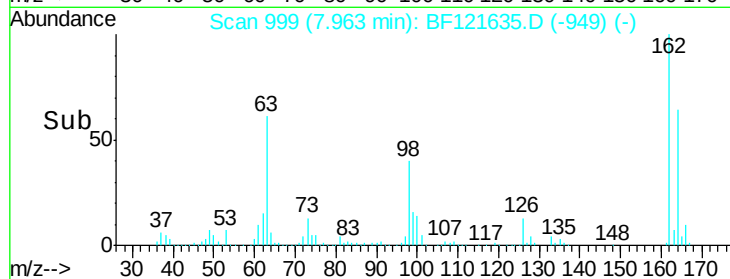
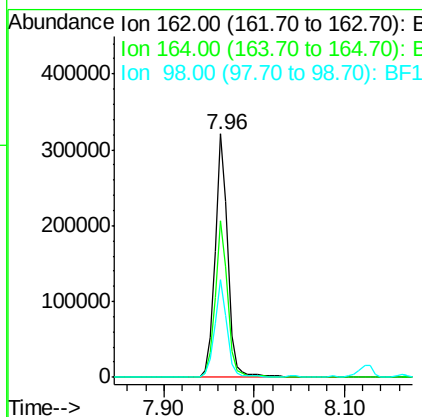
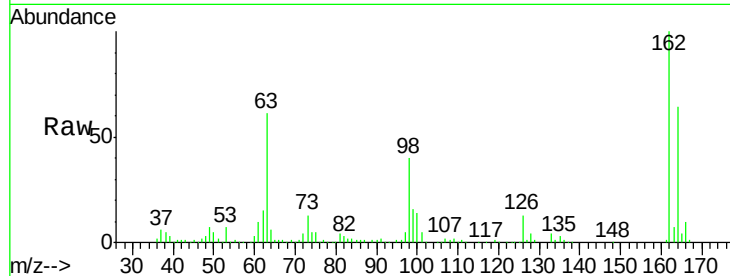




#29  
 2,4-Dichlorophenol  
 Concen: 40.542 ng  
 RT: 7.96 min Scan# 999  
 Delta R.T. -0.01 min  
 Lab File: BF121635.D  
 Acq: 21 Sep 2020 19:38

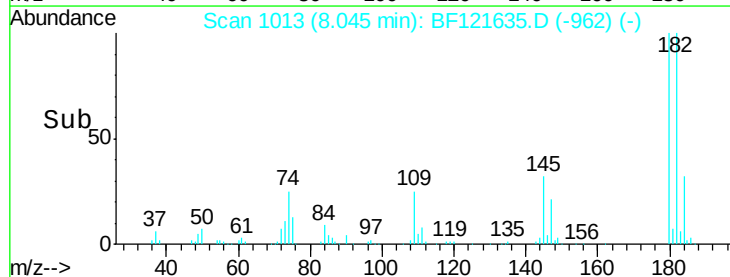
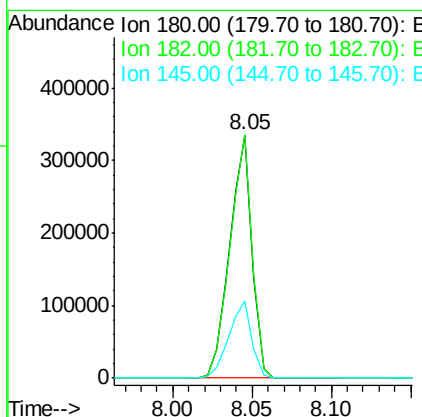
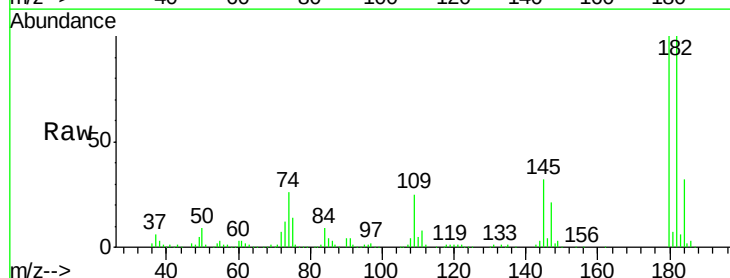
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

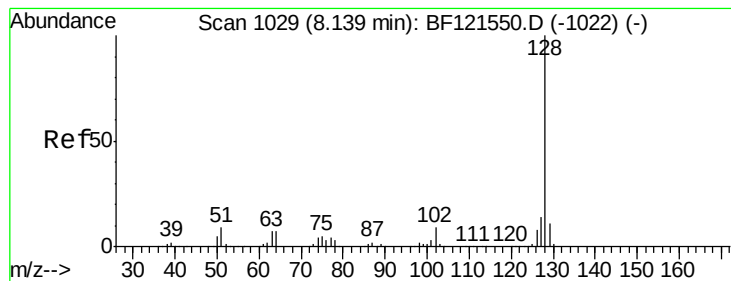
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.1  | 44.1  | 84.1  |
| 98      | 40.1  | 16.7  | 56.7  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.250 ng  
 RT: 8.05 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: BF121635.D  
 Acq: 21 Sep 2020 19:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 100.2 | 78.6  | 117.8 |
| 145     | 31.9  | 26.2  | 39.2  |





#31

Naphthalene

Concen: 41.175 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

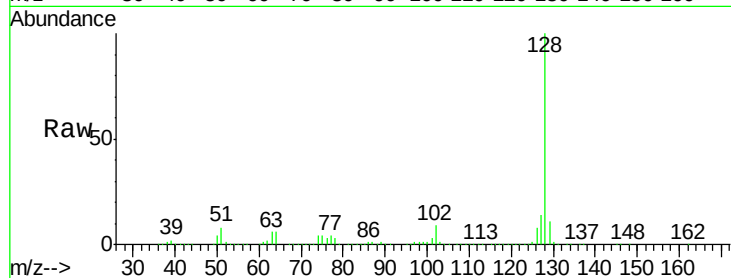
Tot Ion:128 Resp: 1093704

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

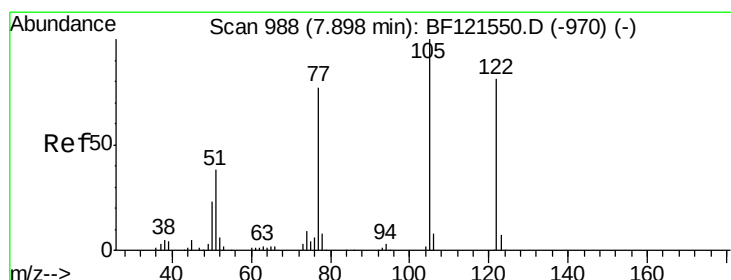
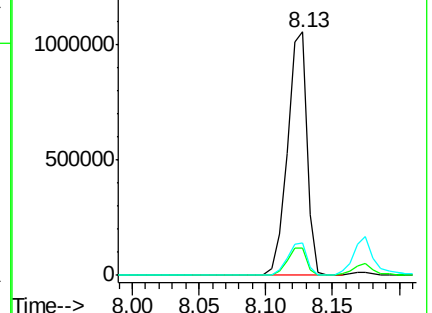
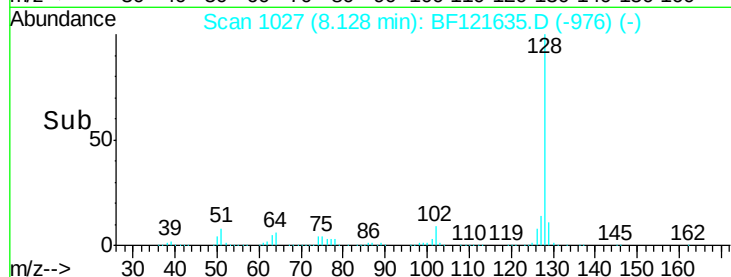
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.496 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.04 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

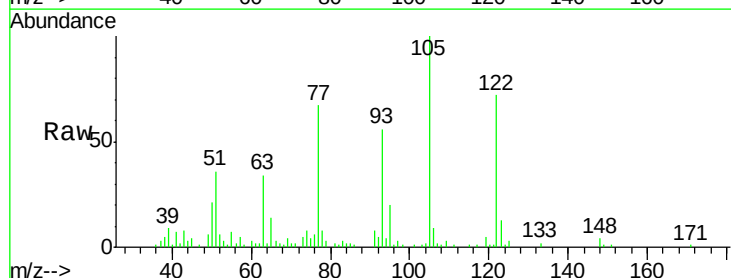
Tgt Ion:122 Resp: 70217

Ion Ratio Lower Upper

122 100

105 139.0 101.9 141.9

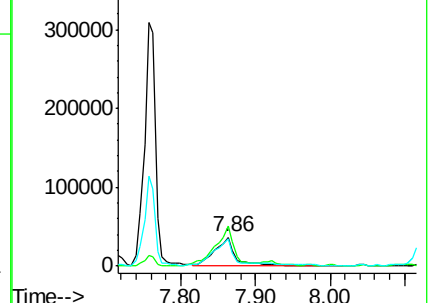
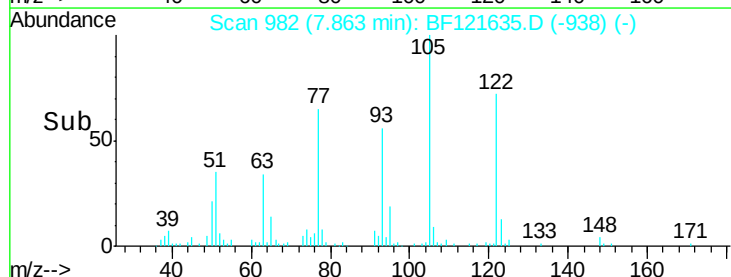
77 93.2 69.0 109.0

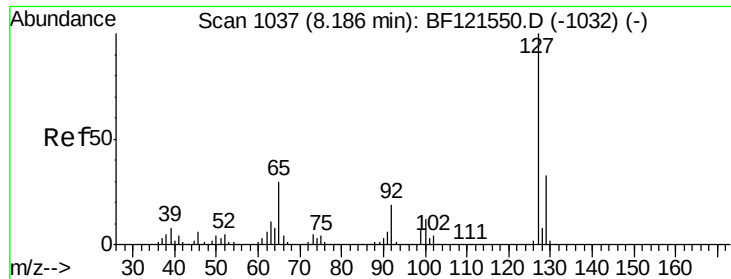


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

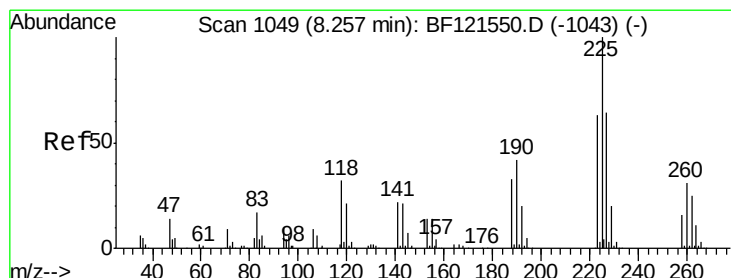
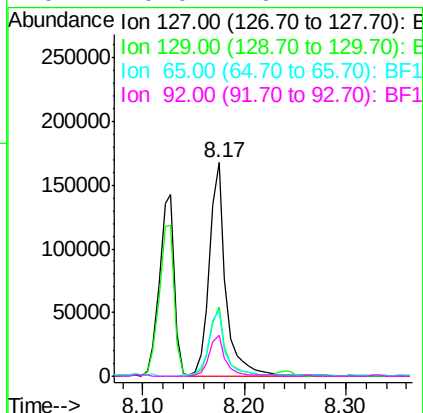
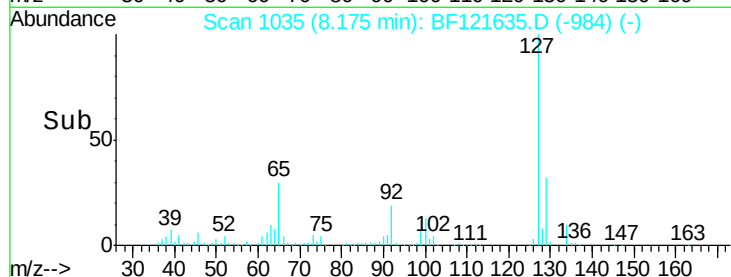
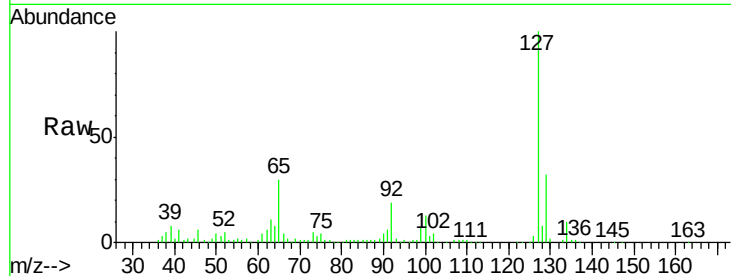




#33  
4-Chloroaniline  
Concen: 16.331 ng  
RT: 8.17 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

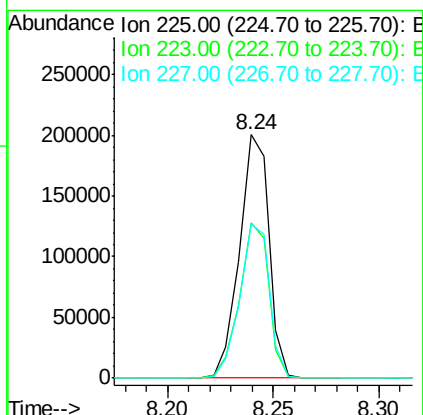
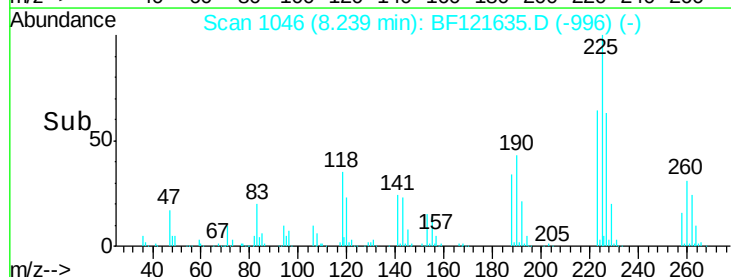
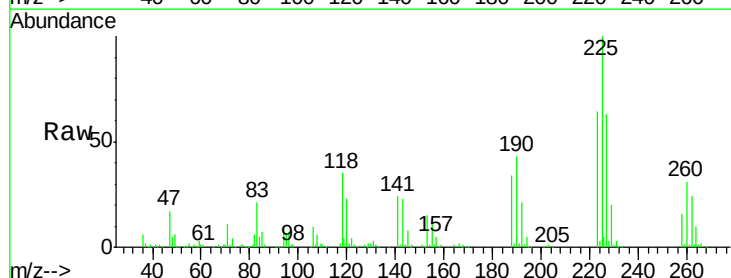
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

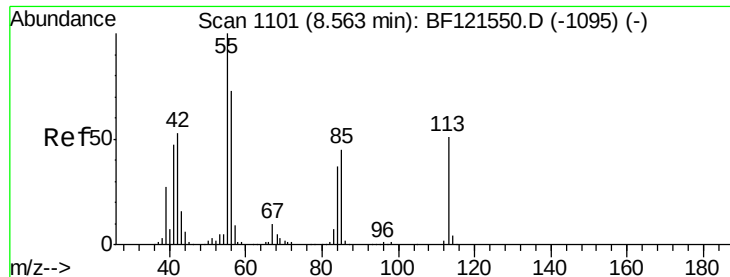
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 188040 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 25.8  | 38.8   |
| 65       | 30.5  | 26.3  | 39.5   |
| 92       | 19.0  | 16.2  | 24.4   |



#34  
Hexachlorobutadiene  
Concen: 40.884 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 193852 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.7  | 51.4  | 77.2   |
| 227      | 63.0  | 51.7  | 77.5   |

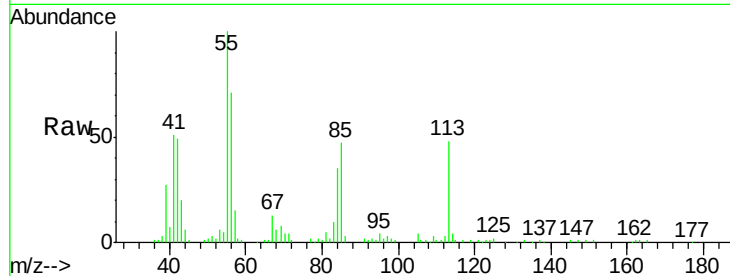




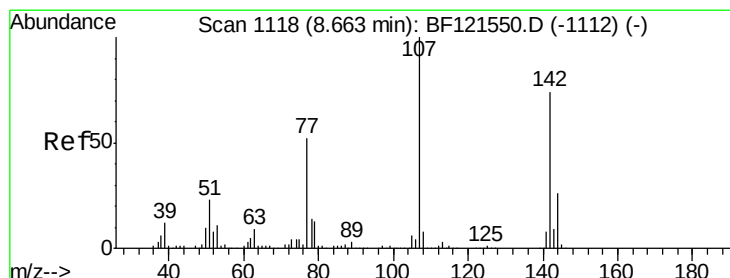
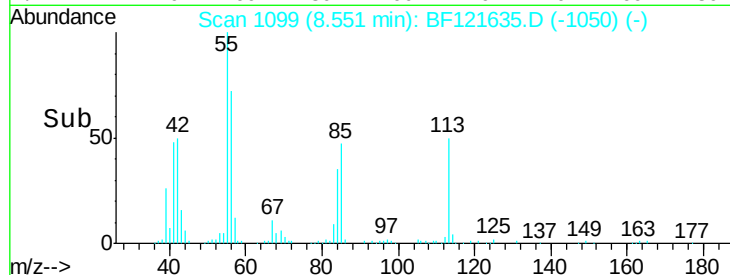
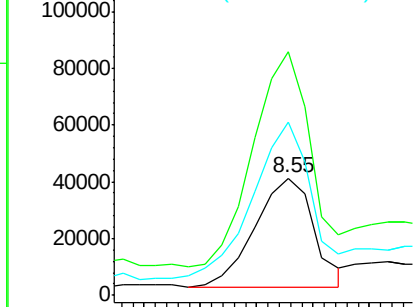
#35  
 Caprolactam  
 Concen: 21.931 ng  
 RT: 8.55 min Scan# 1099  
 Delta R.T. -0.01 min  
 Lab File: BF121635.D  
 Acq: 21 Sep 2020 19:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

Tot Ion:113 Resp: 56016  
 Ion Ratio Lower Upper  
 113 100  
 55 208.0 166.3 206.3#  
 56 148.0 118.7 158.7

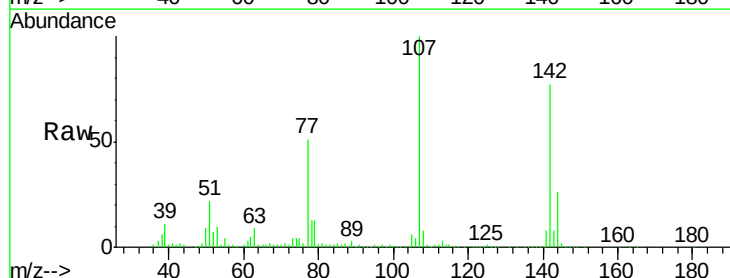


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

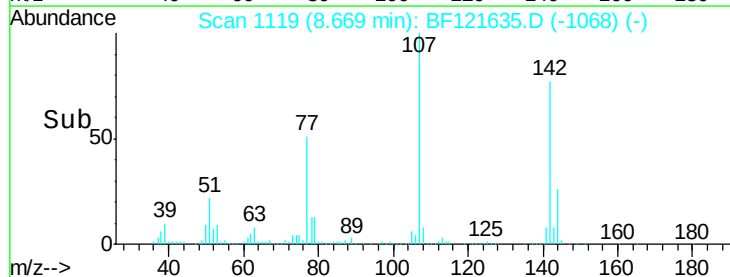
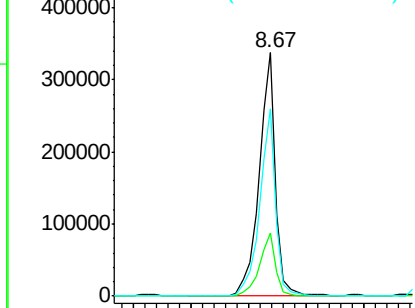


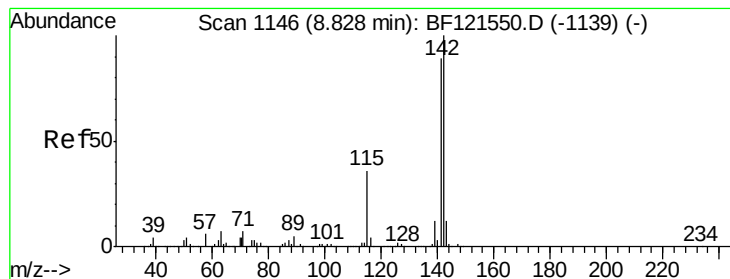
#36  
 4-Chloro-3-methylphenol  
 Concen: 40.102 ng  
 RT: 8.67 min Scan# 1119  
 Delta R.T. 0.00 min  
 Lab File: BF121635.D  
 Acq: 21 Sep 2020 19:38

Tgt Ion:107 Resp: 331344  
 Ion Ratio Lower Upper  
 107 100  
 144 25.8 20.6 31.0  
 142 76.7 61.7 92.5



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





#37

2-Methylnaphthalene

Concen: 44.321 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

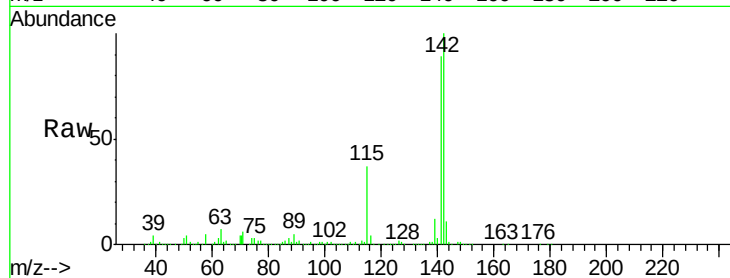
Tot Ion:142 Resp: 771521

Ion Ratio Lower Upper

142 100

141 88.6 72.2 108.2

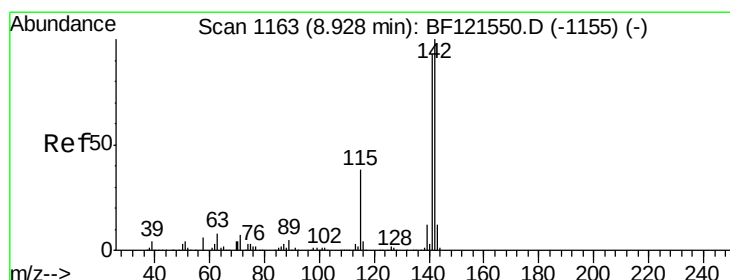
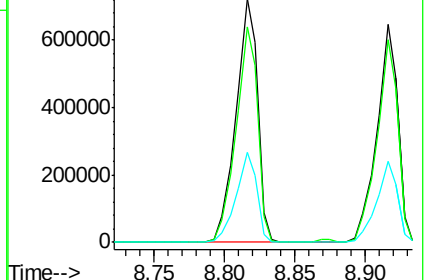
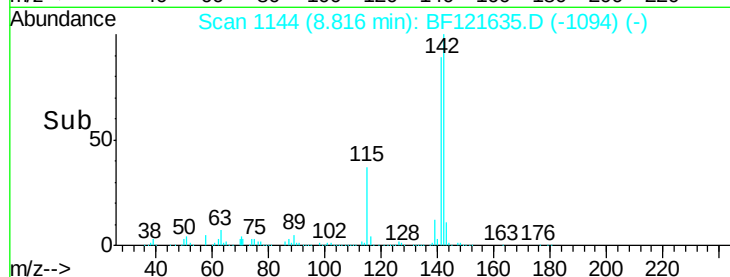
115 36.9 28.5 42.7



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: 41.114 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

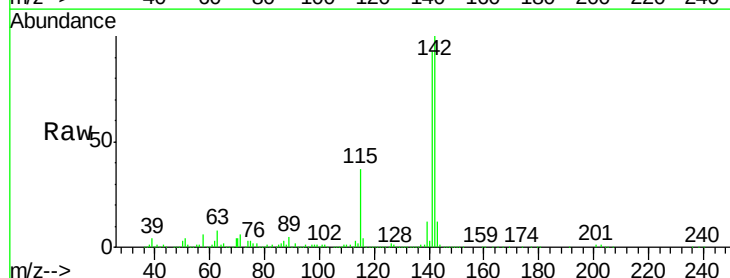
Tgt Ion:142 Resp: 666085

Ion Ratio Lower Upper

142 100

141 93.1 73.8 110.8

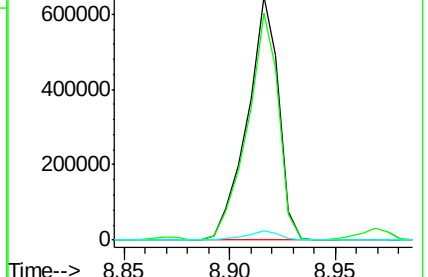
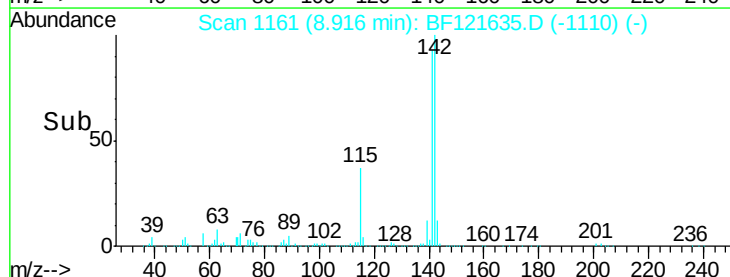
116 3.9 3.3 4.9

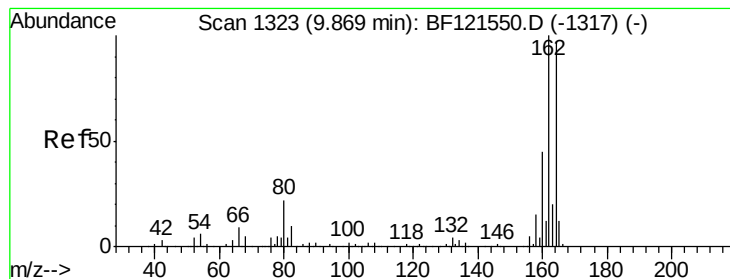


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

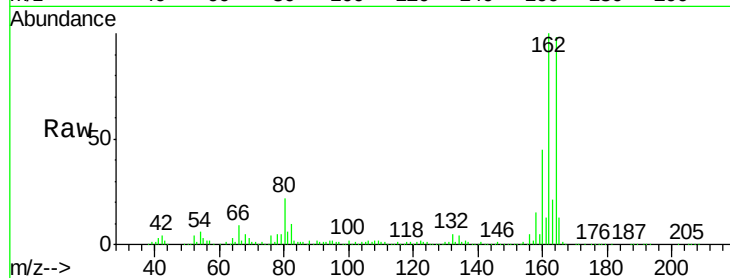
Tot Ion:164 Resp: 259109

Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

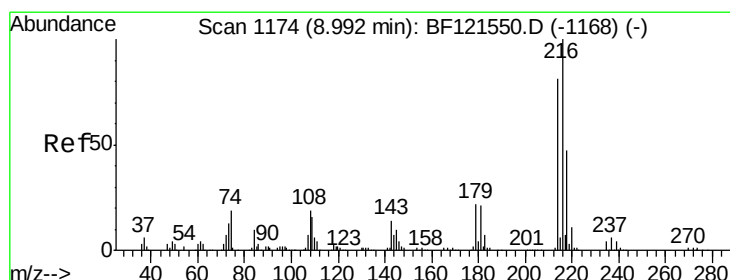
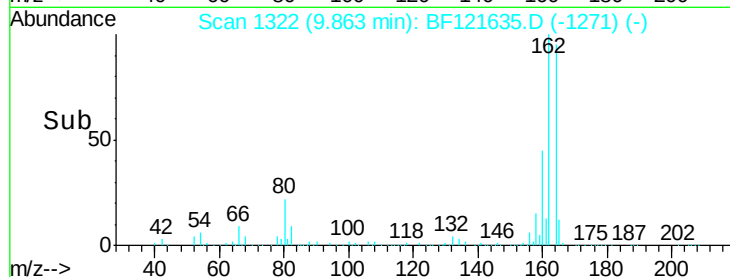
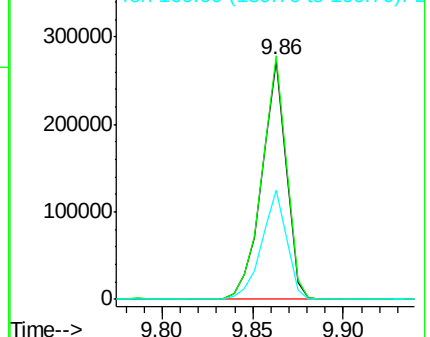
160 45.7 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.170 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Tgt Ion:216 Resp: 325129

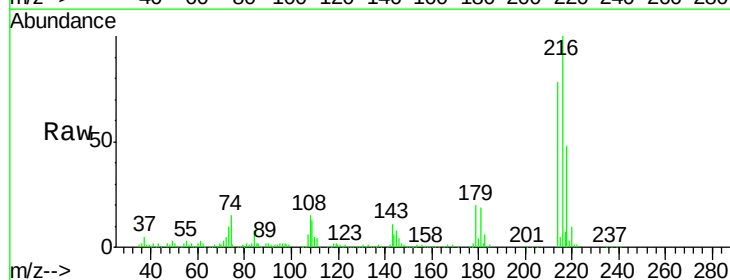
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 20.6 16.6 24.8

108 19.8 15.2 22.8

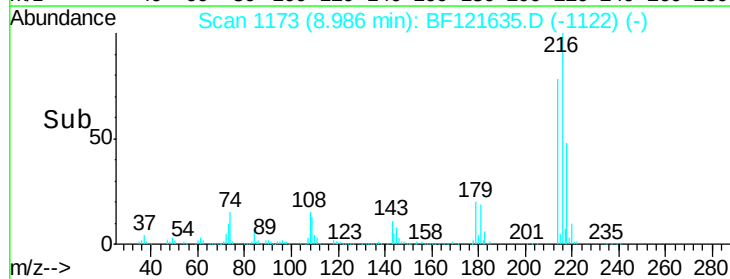
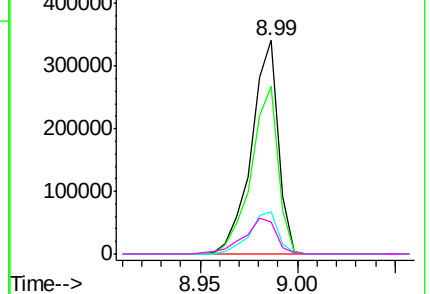


Abundance Ion 216.00 (215.70 to 216.70): E

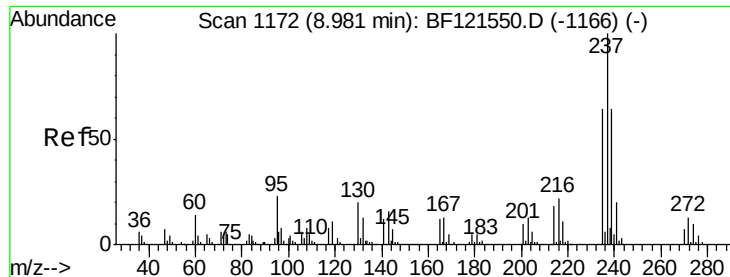
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 53.363 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

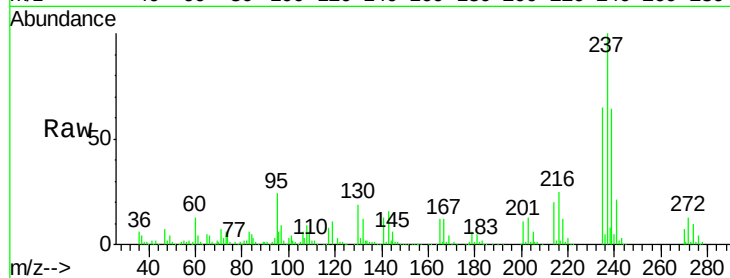
Tot Ion:237 Resp: 246649

Ion Ratio Lower Upper

237 100

235 65.5 43.4 83.4

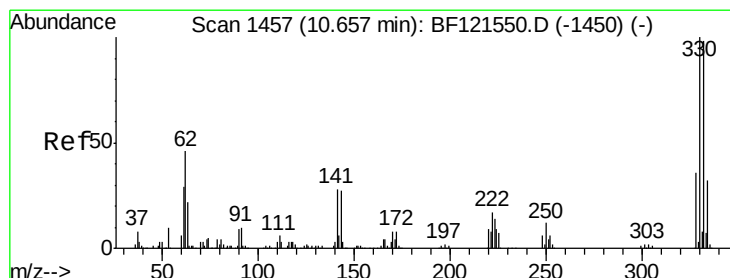
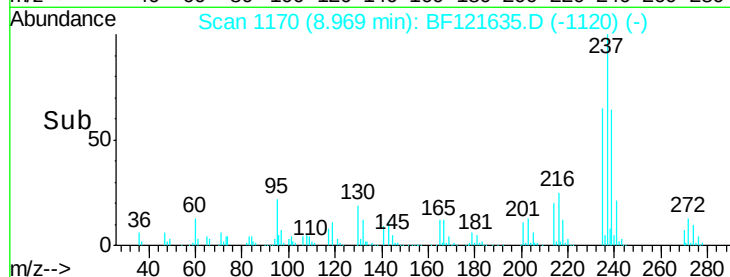
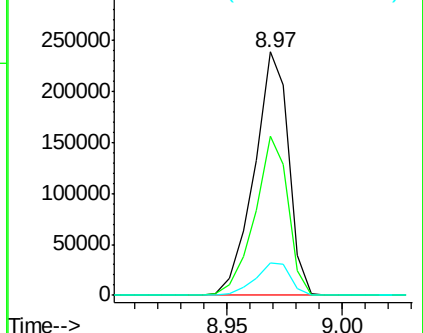
272 13.1 0.0 34.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 99.784 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

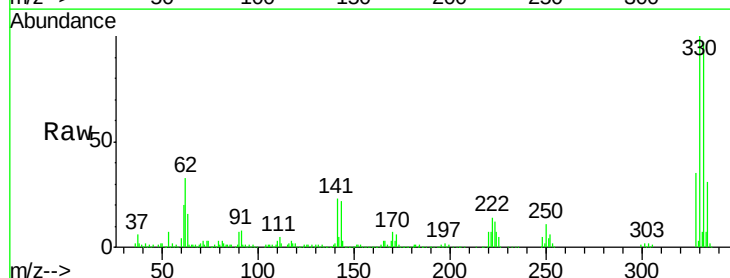
Tgt Ion:330 Resp: 321341

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

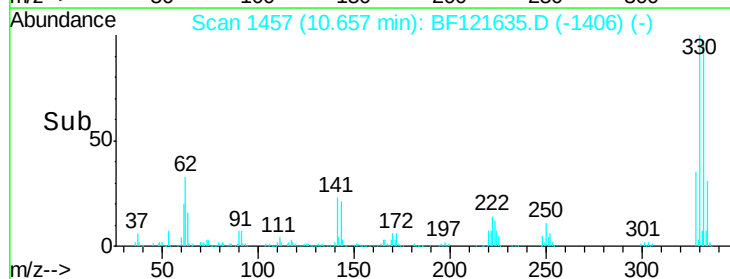
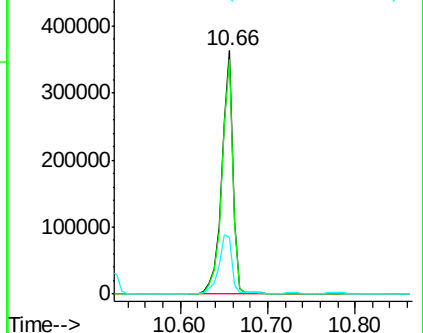
141 28.5 22.4 33.6

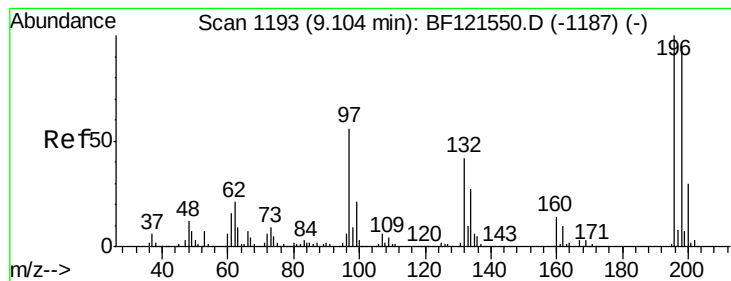


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 39.748 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampled :

WC-1MS

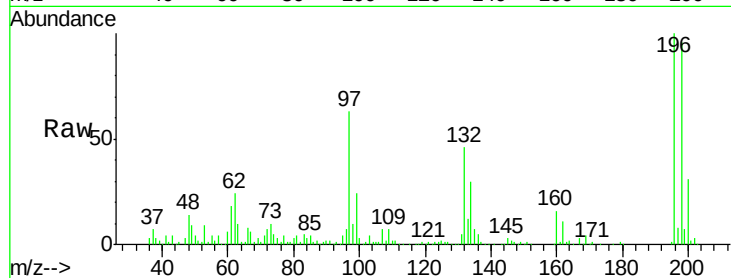
Tot Ion:196 Resp: 219279

Ion Ratio Lower Upper

196 100

198 95.5 75.4 113.2

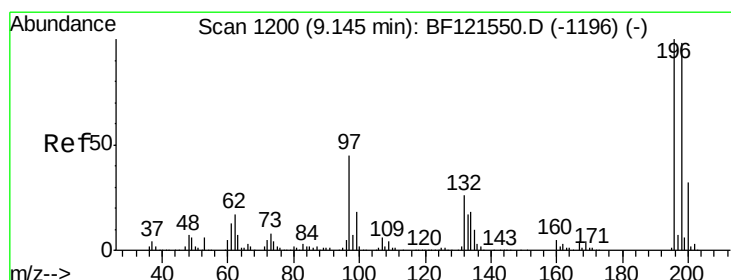
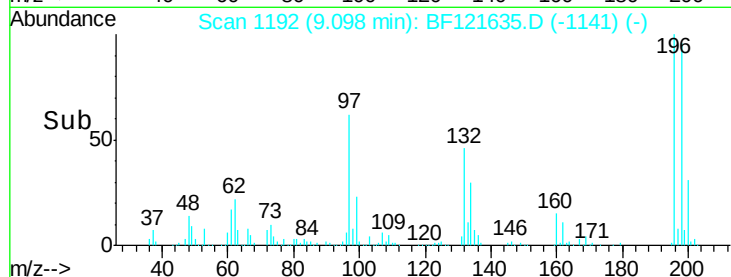
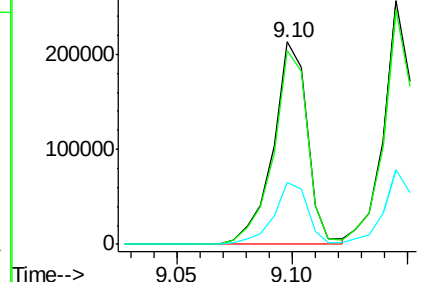
200 30.8 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.088 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Tgt Ion:196 Resp: 227969

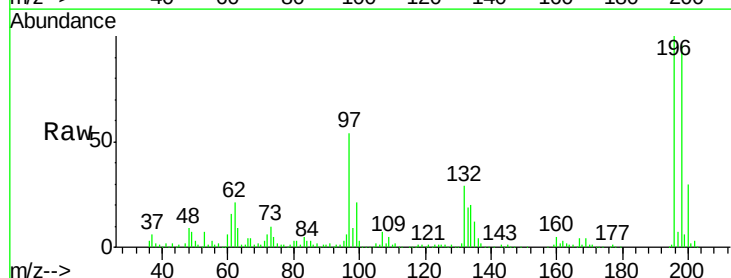
Ion Ratio Lower Upper

196 100

198 96.2 74.3 111.5

97 54.2 44.2 66.2

132 29.0 23.4 35.0

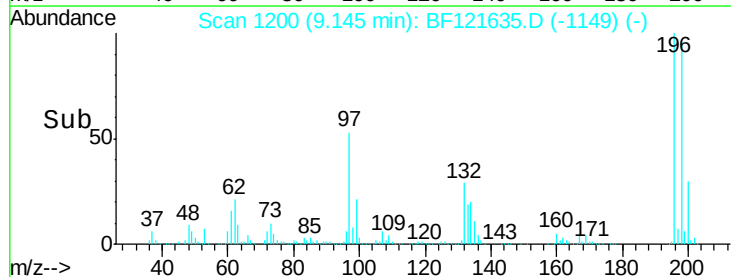
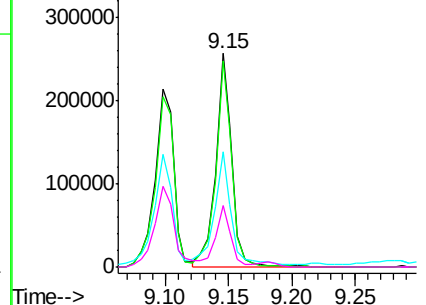


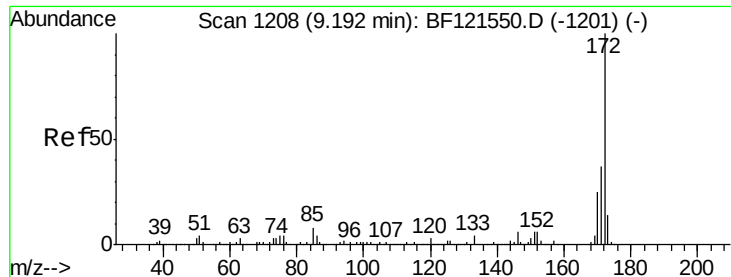
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

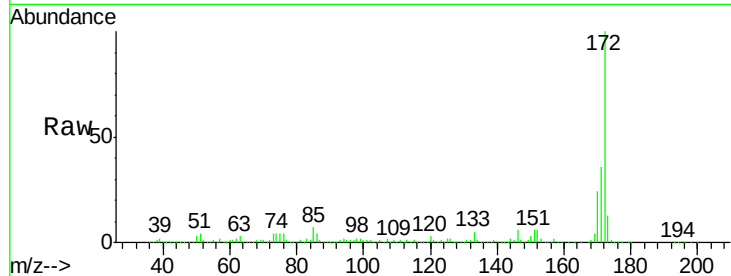




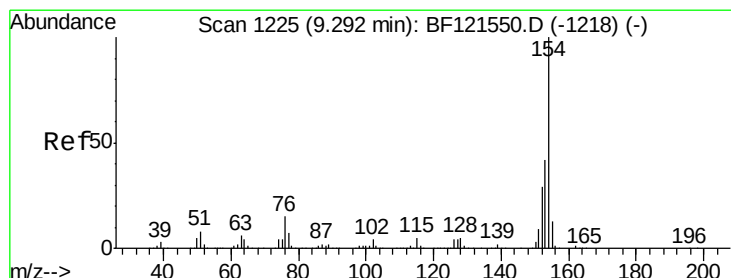
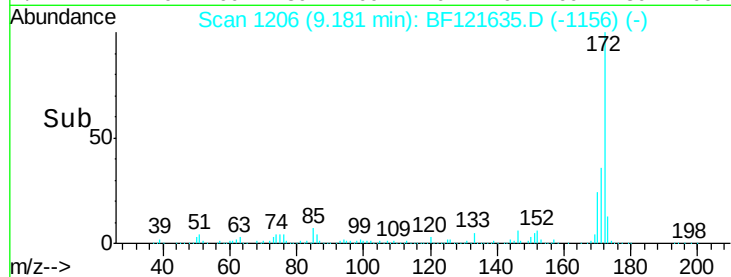
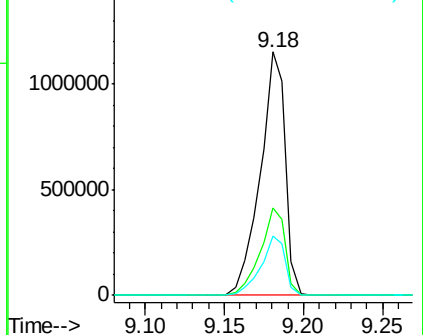
#45  
2-Fluorobiphenyl  
Concen: 74.332 ng  
RT: 9.18 min Scan# 1206  
Delta R.T. -0.01 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tot Ion:172 Resp: 1271684  
Ion Ratio Lower Upper  
172 100  
171 35.9 29.3 43.9  
170 24.4 19.5 29.3

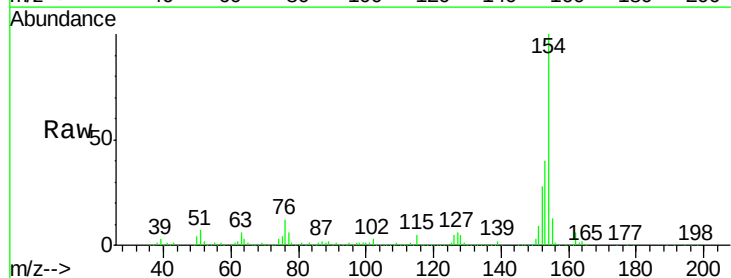


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

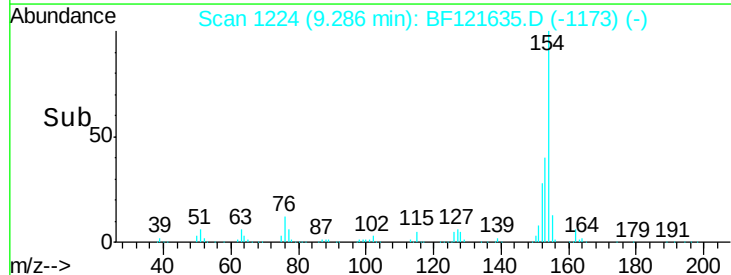
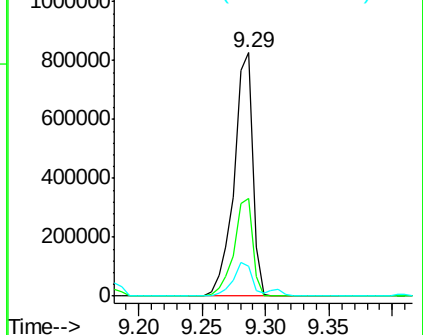


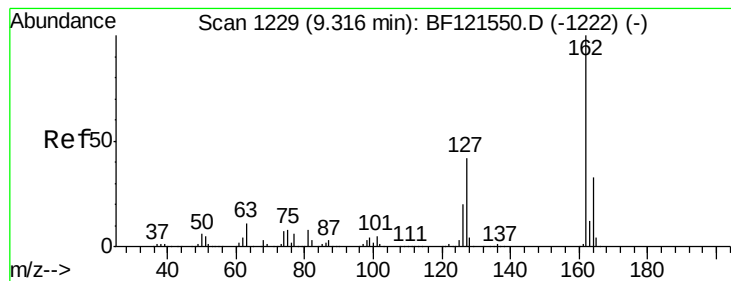
#46  
1,1'-Biphenyl  
Concen: 40.164 ng  
RT: 9.29 min Scan# 1224  
Delta R.T. 0.00 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

Tgt Ion:154 Resp: 833143  
Ion Ratio Lower Upper  
154 100  
153 40.2 21.1 61.1  
76 12.5 0.0 34.1



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: 38.820 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

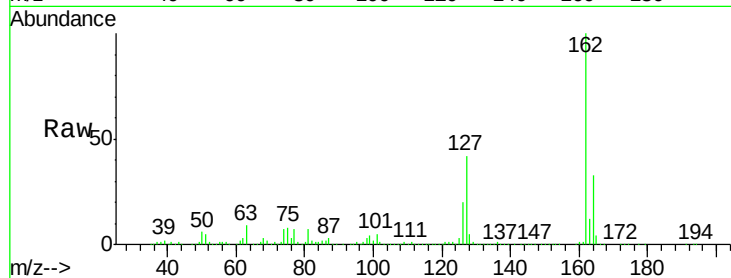
Tot Ion:162 Resp: 634563

Ion Ratio Lower Upper

162 100

127 41.5 34.2 51.4

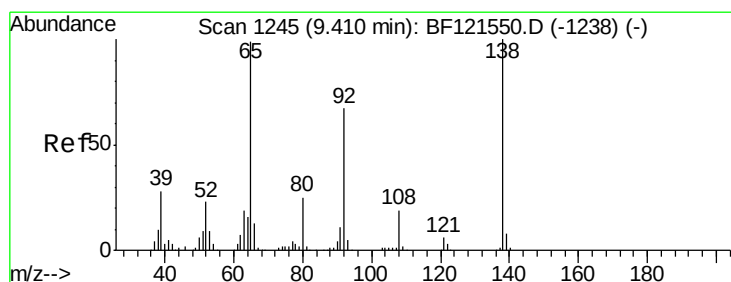
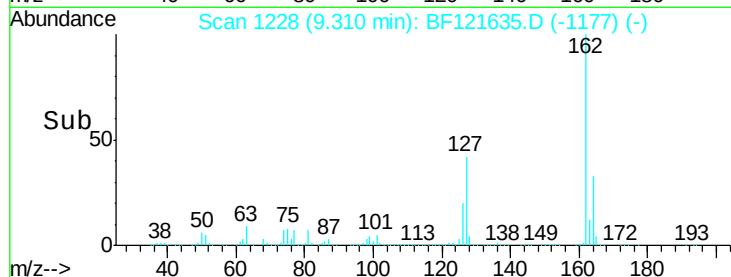
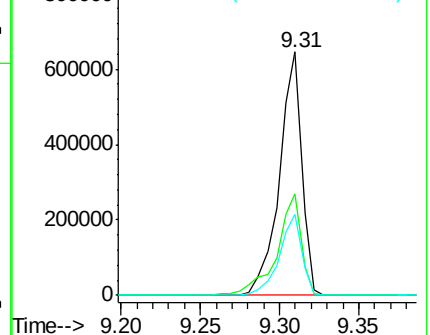
164 33.1 27.0 40.4



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: 43.386 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

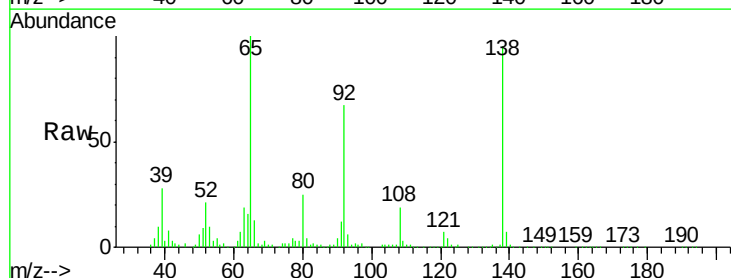
Tgt Ion: 65 Resp: 220385

Ion Ratio Lower Upper

65 100

92 67.1 56.0 84.0

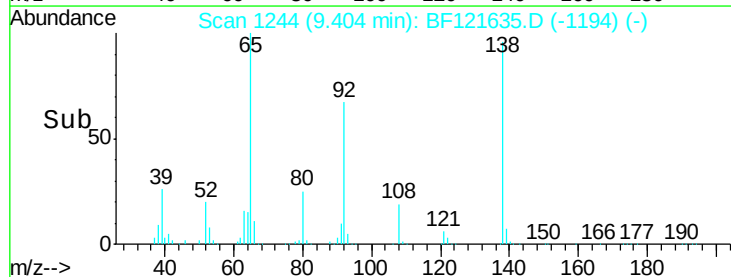
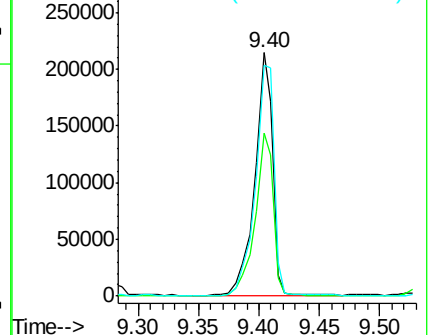
138 95.0 84.7 127.1

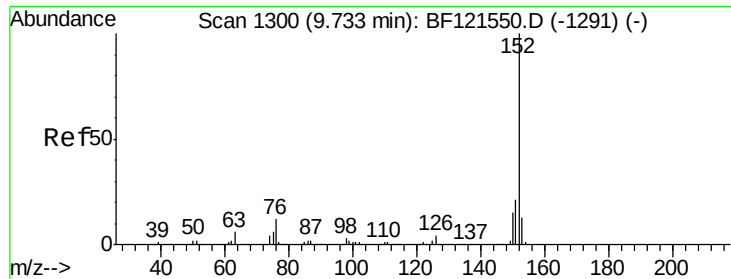


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.726 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

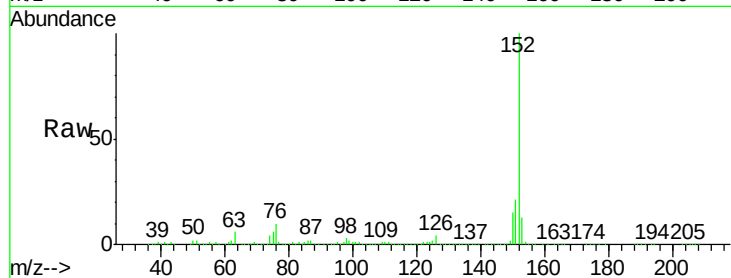
Tot Ion:152 Resp: 997740

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

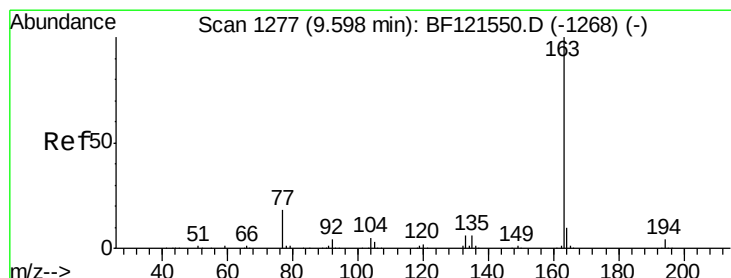
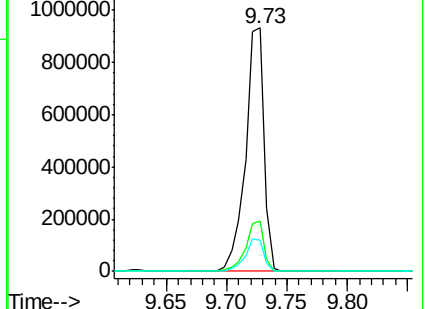
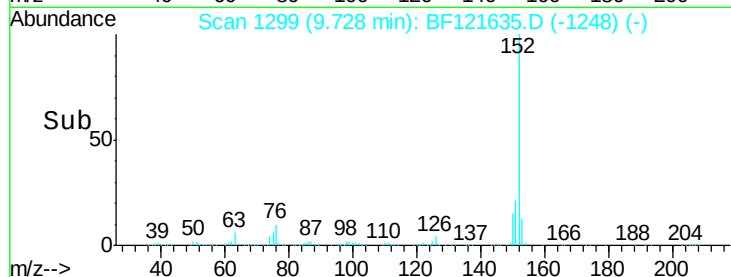
153 13.0 10.7 16.1



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: 44.570 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

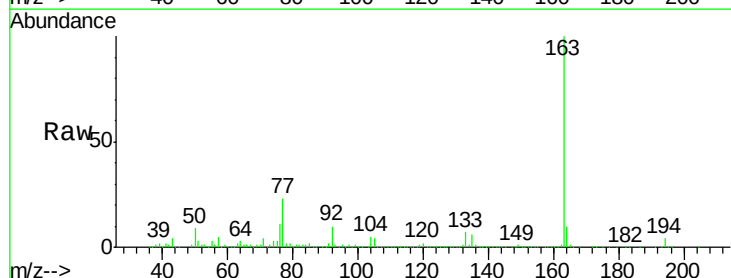
Tgt Ion:163 Resp: 837010

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

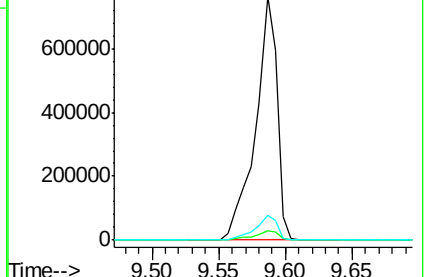
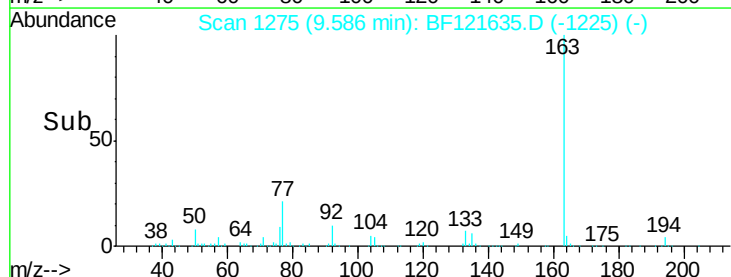
164 10.2 8.0 12.0

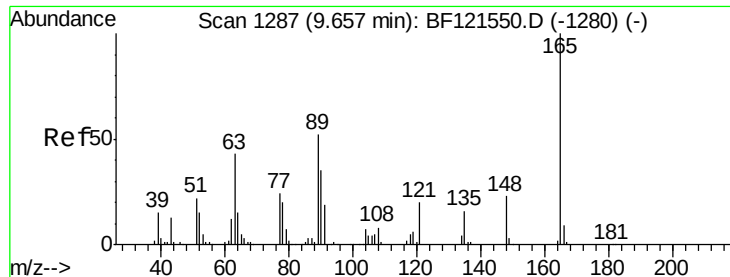


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.289 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

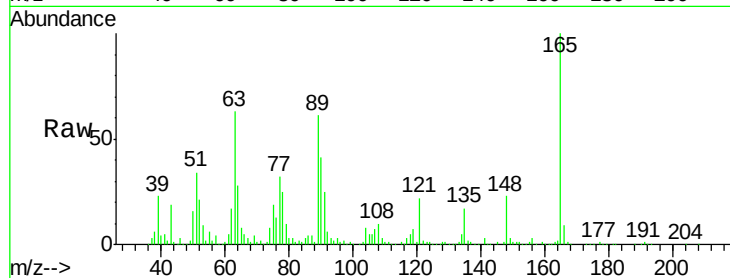
Tot Ion:165 Resp: 169132

Ion Ratio Lower Upper

165 100

63 63.3 47.6 71.4

89 60.5 46.0 69.0

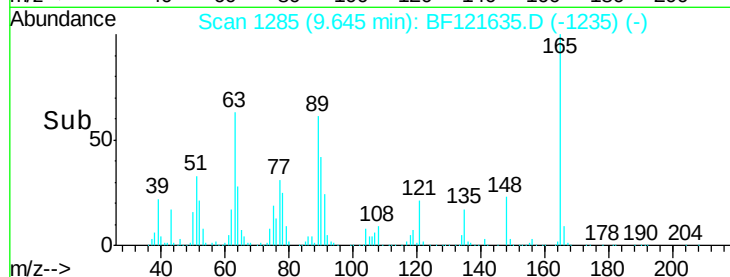


Abundance Ion 165.00 (164.70 to 165.70): E

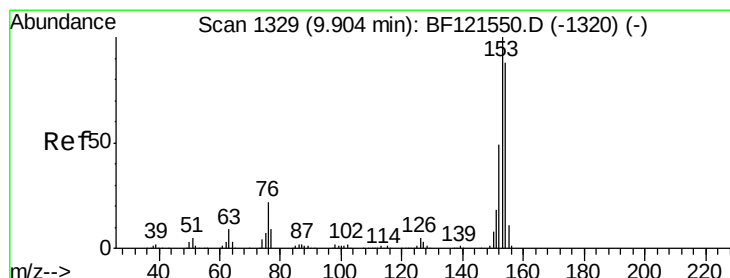
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 37.385 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

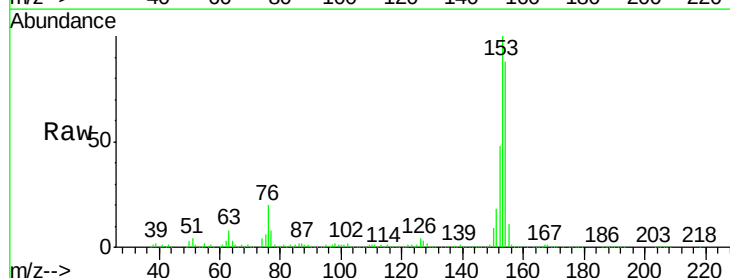
Tgt Ion:154 Resp: 593053

Ion Ratio Lower Upper

154 100

153 113.2 89.9 134.9

152 54.3 43.8 65.6

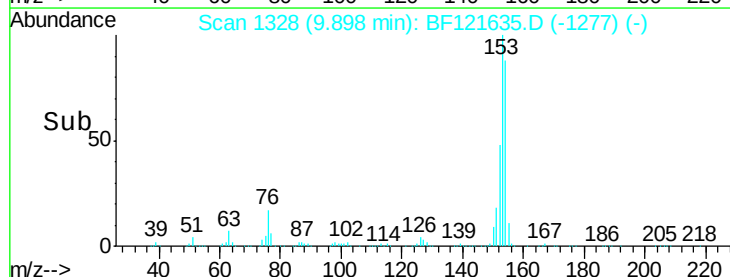


Abundance Ion 154.00 (153.70 to 154.70): E

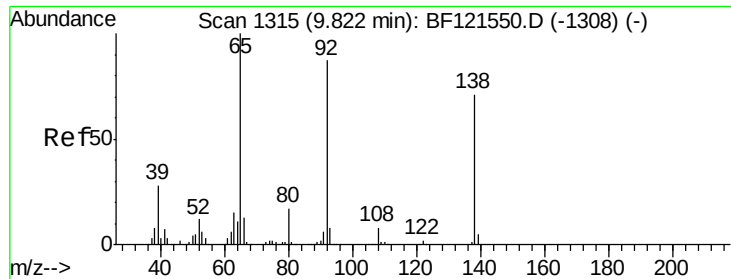
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



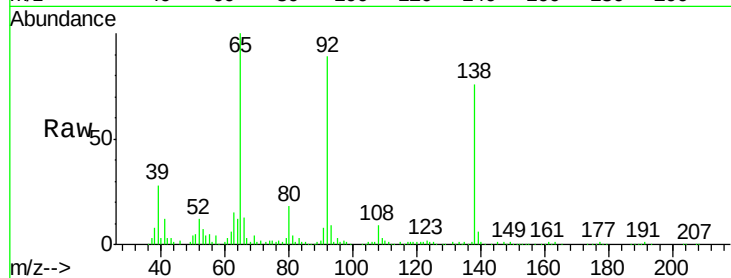
Time-->



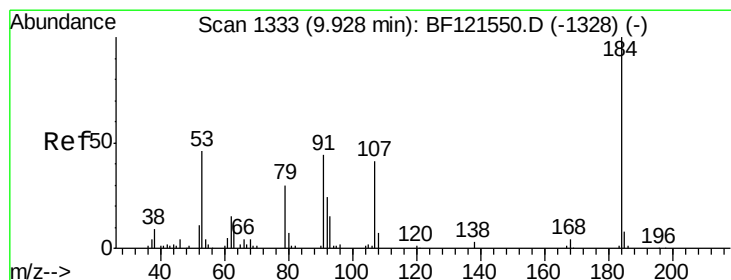
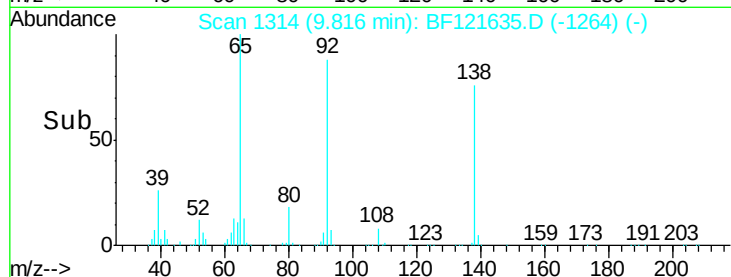
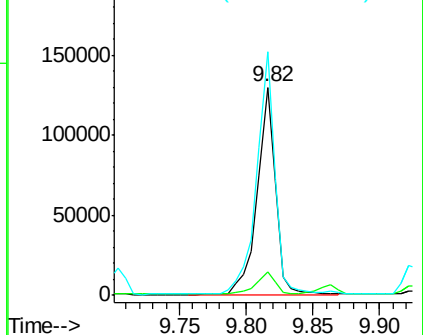
#53  
3-Nitroaniline  
Concen: 25.939 ng  
RT: 9.82 min Scan# 1314  
Delta R.T. -0.01 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tot Ion:138 Resp: 120177  
Ion Ratio Lower Upper  
138 100  
108 11.3 9.1 13.7  
92 117.1 96.5 144.7

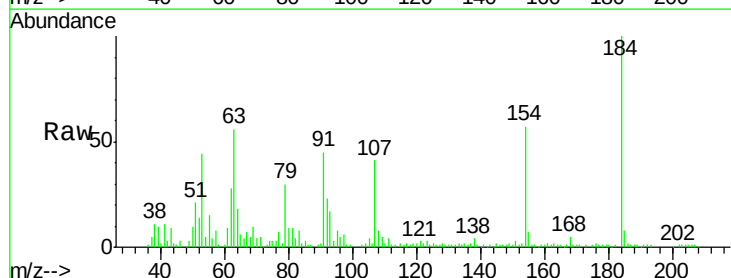


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

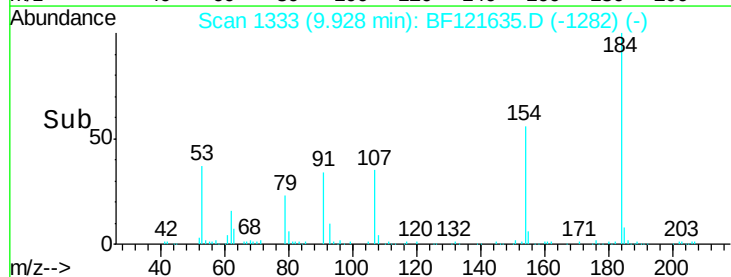
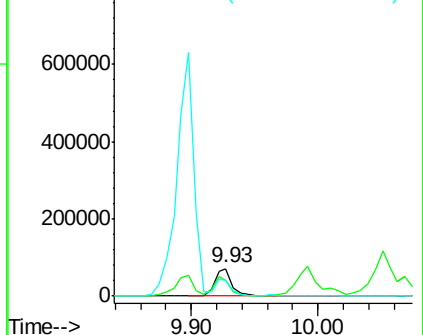


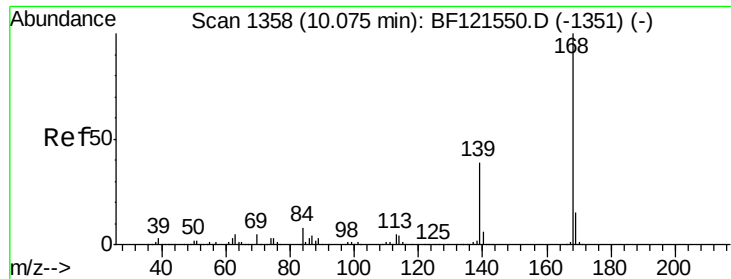
#54  
2,4-Dinitrophenol  
Concen: 35.951 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

Tgt Ion:184 Resp: 69973  
Ion Ratio Lower Upper  
184 100  
63 55.7 51.5 77.3  
154 57.1 46.6 70.0



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

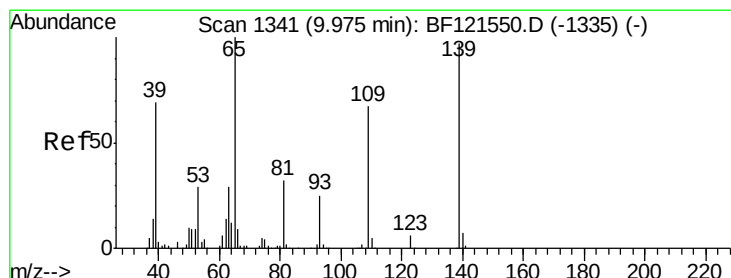
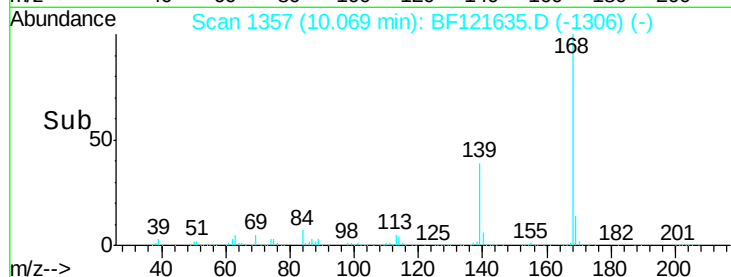
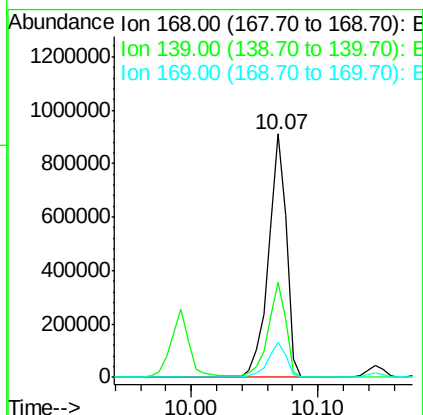
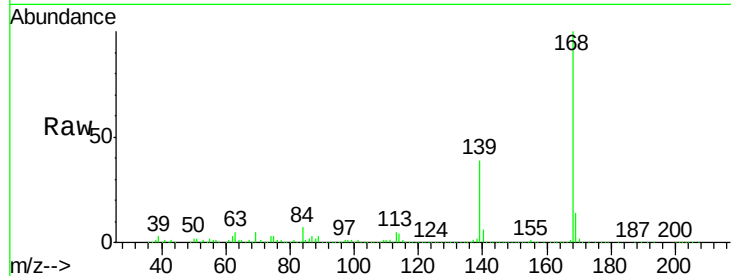




#55  
Dibenzofuran  
Concen: 39.802 ng  
RT: 10.07 min Scan# 1357  
Delta R.T. 0.00 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

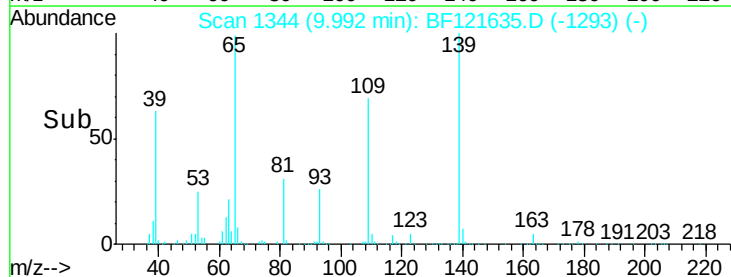
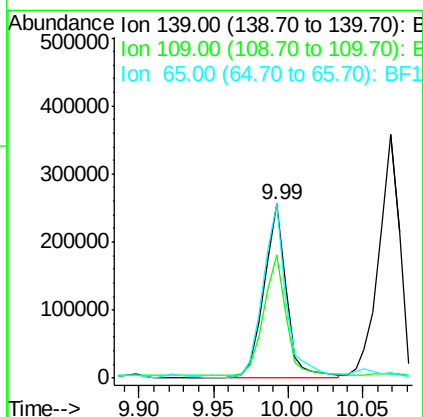
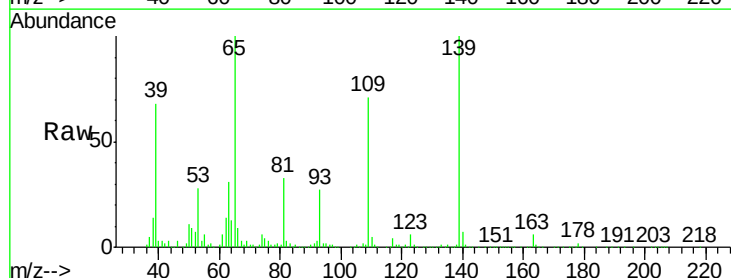
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tot Ion:168 Resp: 889162  
Ion Ratio Lower Upper  
168 100  
139 39.3 31.8 47.8  
169 14.3 11.6 17.4

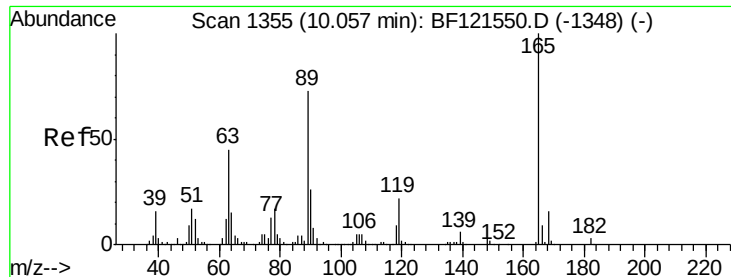


#56  
4-Nitrophenol  
Concen: 70.931 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. 0.00 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

Tgt Ion:139 Resp: 262087  
Ion Ratio Lower Upper  
139 100  
109 70.6 48.1 88.1  
65 100.0 74.7 114.7



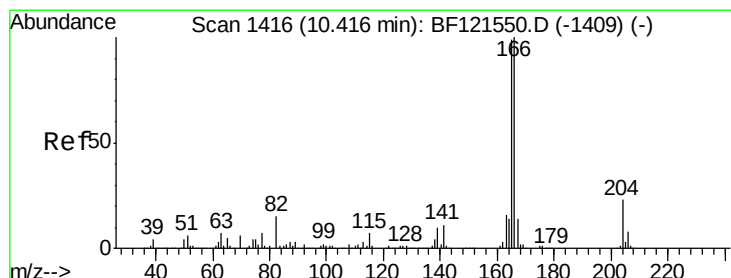
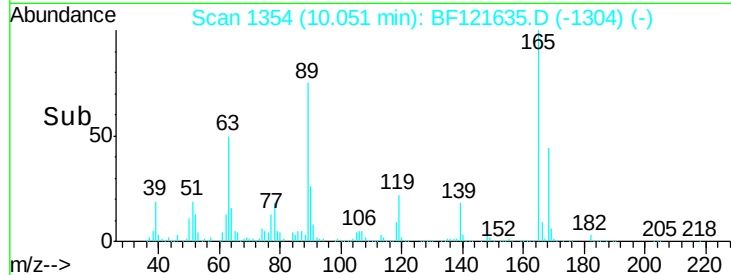
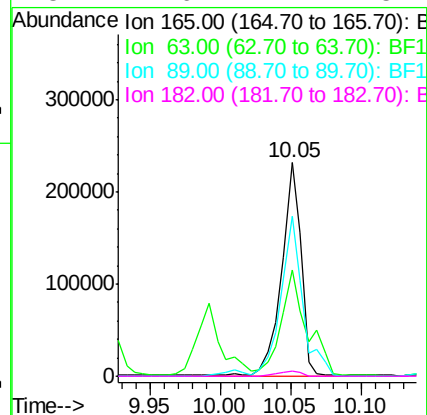
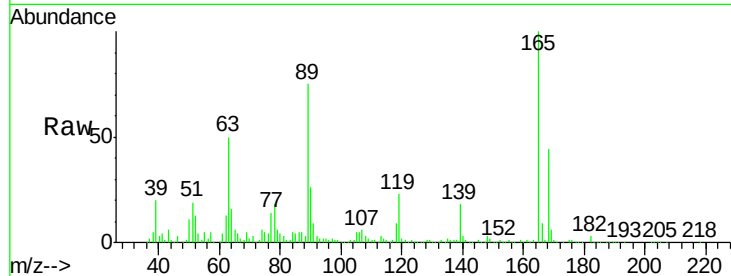




#57  
2,4-Dinitrotoluene  
Concen: 44.149 ng  
RT: 10.05 min Scan# 1354  
Delta R.T. -0.01 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

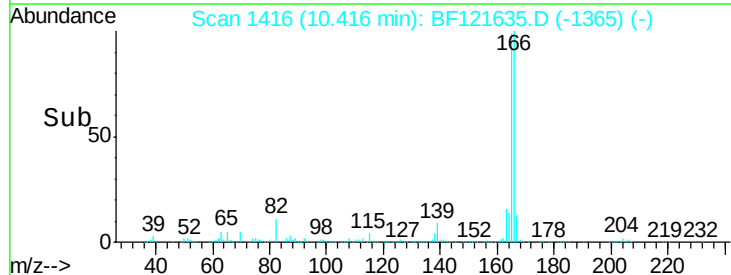
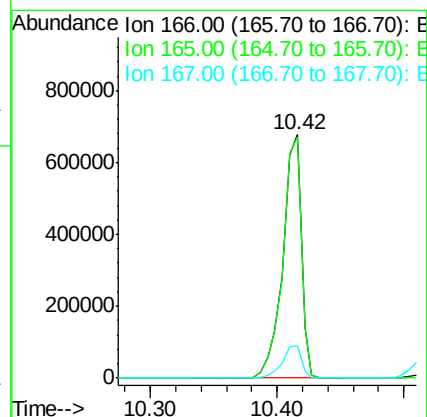
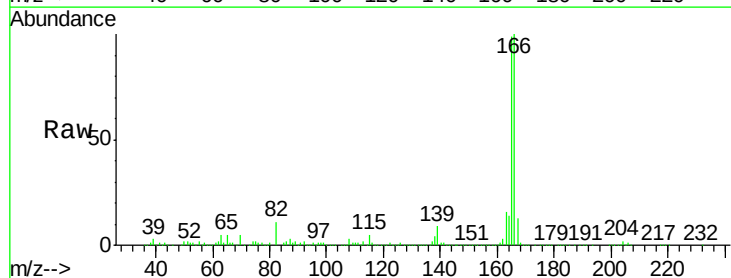
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

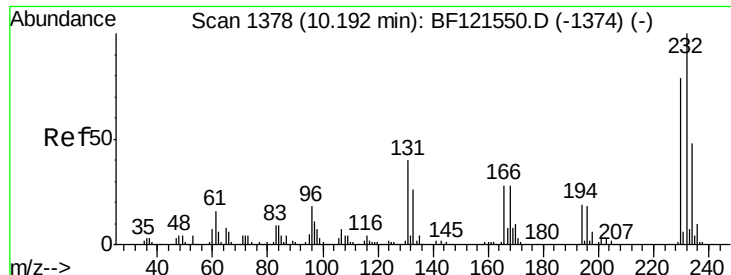
Tot Ion:165 Resp: 222141  
Ion Ratio Lower Upper  
165 100  
63 49.8 36.7 55.1  
89 75.2 57.7 86.5  
182 2.6 2.1 3.1



#58  
Fluorene  
Concen: 39.903 ng  
RT: 10.42 min Scan# 1416  
Delta R.T. 0.00 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

Tgt Ion:166 Resp: 681699  
Ion Ratio Lower Upper  
166 100  
165 99.2 80.1 120.1  
167 13.4 10.8 16.2

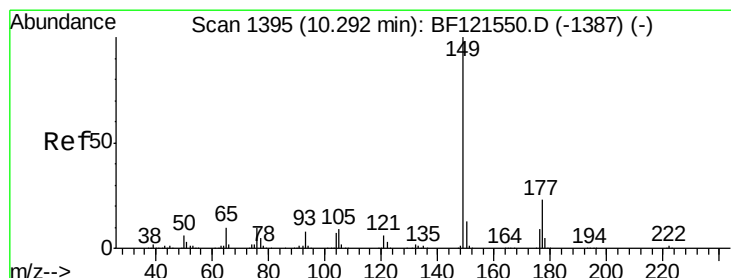
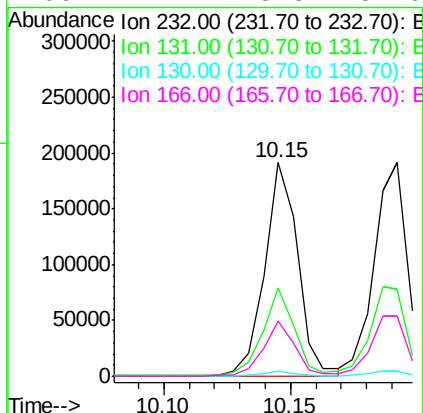
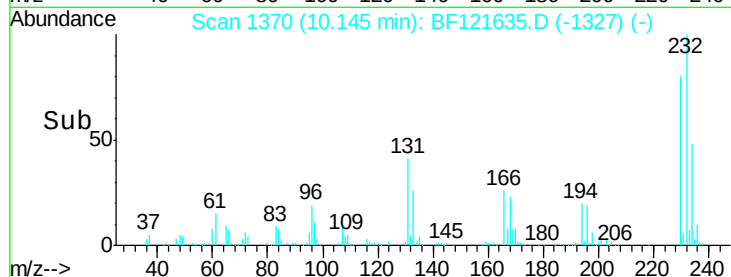
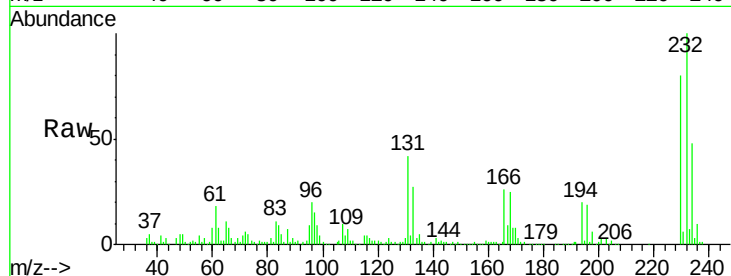




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 36.769 ng  
 RT: 10.15 min Scan# 1370  
 Delta R.T. -0.05 min  
 Lab File: BF121635.D  
 Acq: 21 Sep 2020 19:38

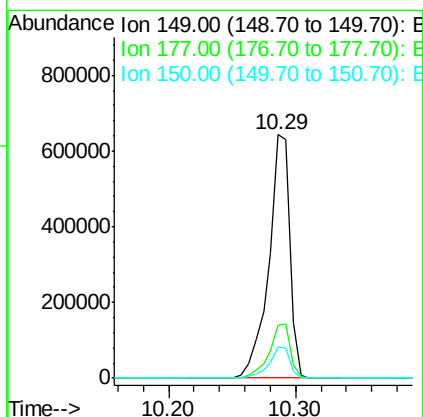
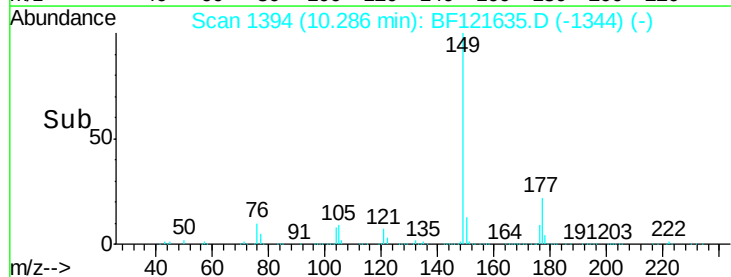
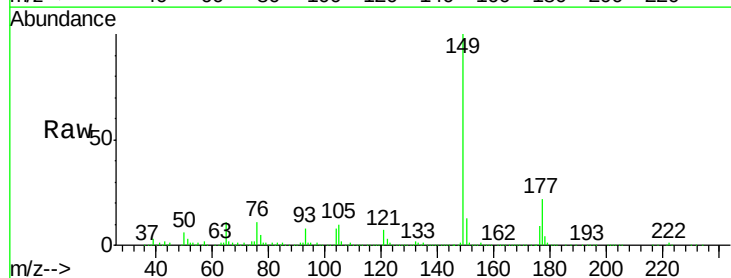
Instrument :  
 BNA\_F  
 ClientSampleID :  
 WC-1MS

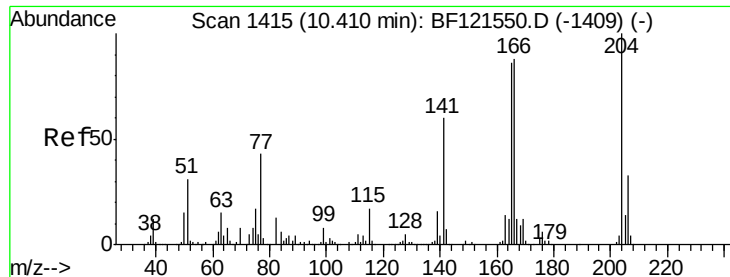
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 174336 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 38.7  | 35.1  | 52.7   |
| 130      | 2.4   | 1.6   | 2.4    |
| 166      | 24.1  | 23.3  | 34.9   |



#60  
 Diethylphthalate  
 Concen: 39.956 ng  
 RT: 10.29 min Scan# 1394  
 Delta R.T. -0.01 min  
 Lab File: BF121635.D  
 Acq: 21 Sep 2020 19:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 731591 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 21.9  | 18.1  | 27.1   |
| 150      | 12.7  | 9.8   | 14.8   |

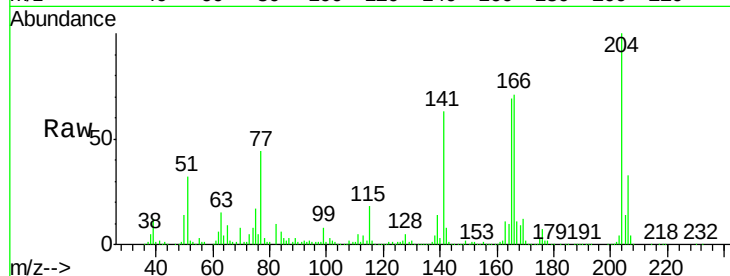




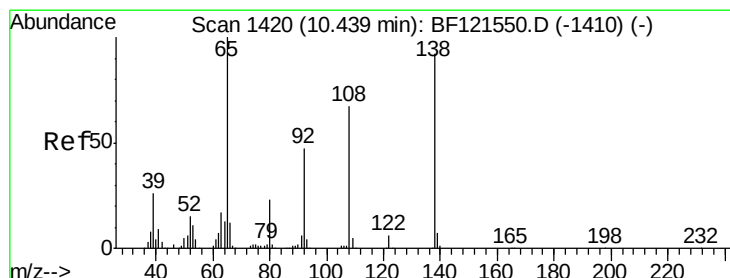
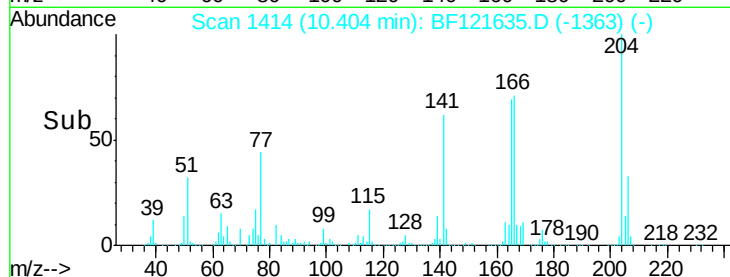
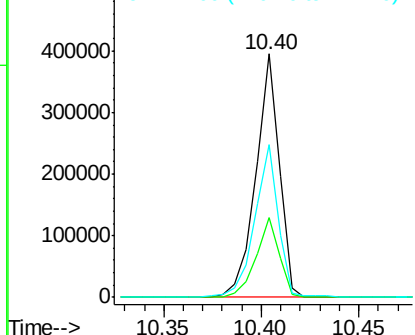
#61  
4-Chlorophenyl-phenylether  
Concen: 40.236 ng  
RT: 10.40 min Scan# 1414  
Delta R.T. 0.00 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tot Ion:204 Resp: 329277  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.7 40.1  
141 62.7 50.4 75.6

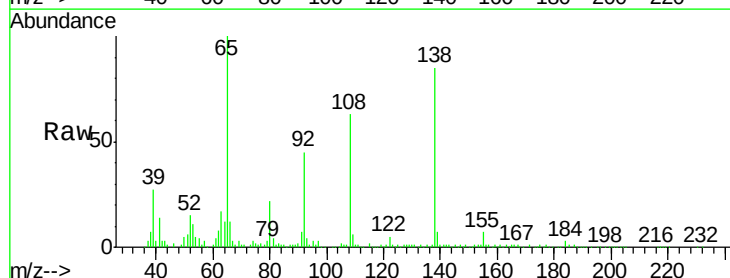


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

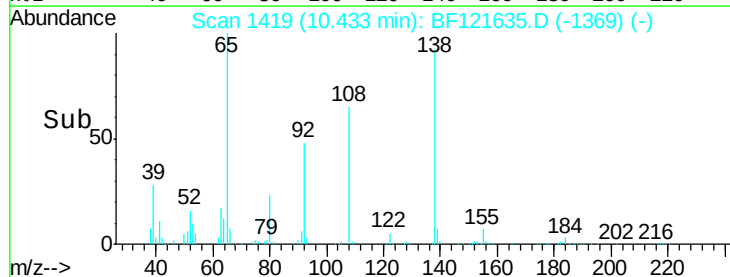
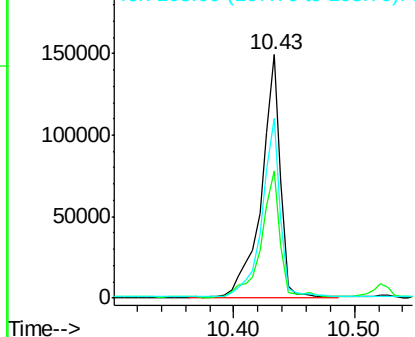


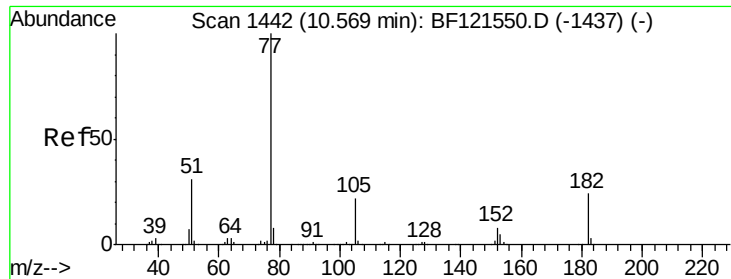
#62  
4-Nitroaniline  
Concen: 35.297 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. -0.01 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

Tgt Ion:138 Resp: 162374  
Ion Ratio Lower Upper  
138 100  
92 52.3 34.8 74.8  
108 73.6 55.5 95.5



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

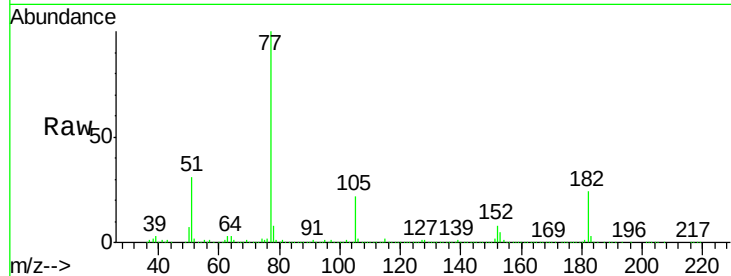




#63  
Azobenzene  
Concen: 38.297 ng  
RT: 10.56 min Scan# 1441  
Delta R.T. -0.01 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 77      | 77  | 100   |       |       |
| 182     | 182 | 23.7  | 6.8   | 46.8  |
| 105     | 105 | 21.5  | 2.2   | 42.2  |
| 51      | 51  | 31.1  | 10.7  | 50.7  |

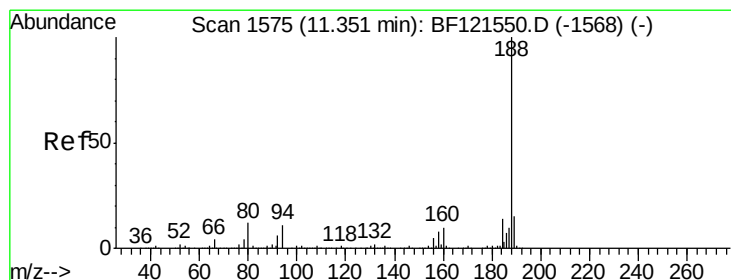
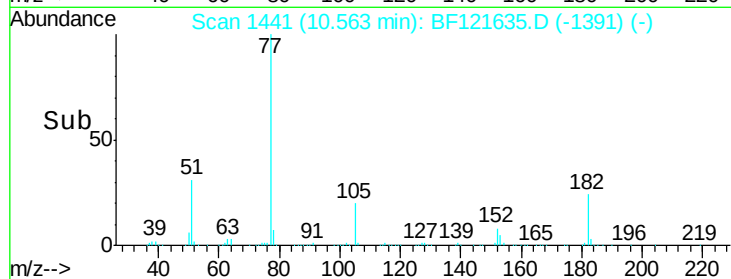
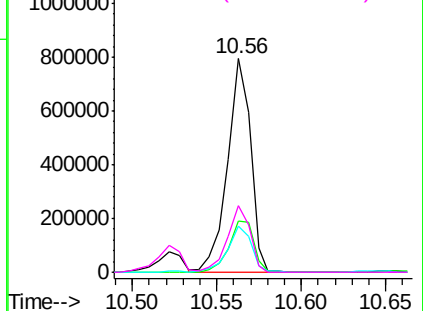


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

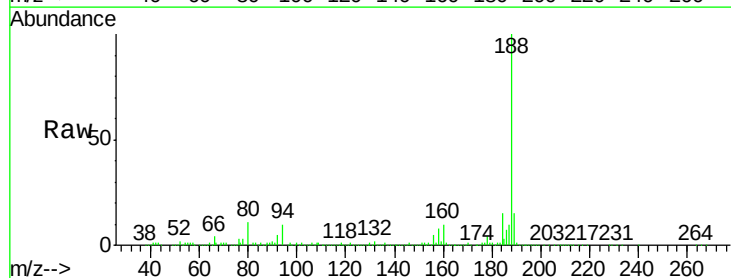
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.35 min Scan# 1575  
Delta R.T. 0.00 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

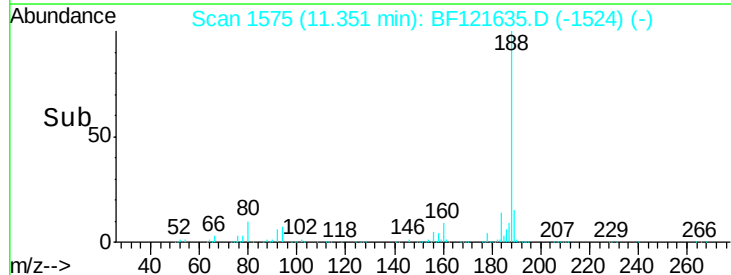
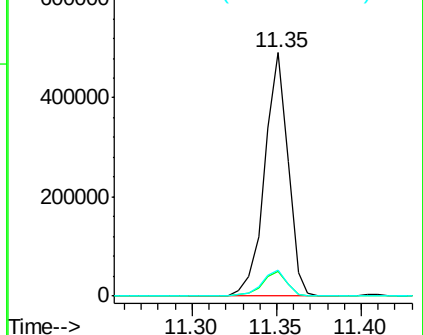
| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 188 | 100   |       |       |
| 94      | 94  | 10.0  | 8.4   | 12.6  |
| 80      | 80  | 10.7  | 9.0   | 13.4  |

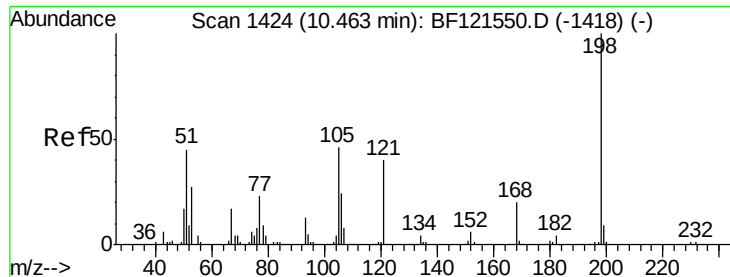


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

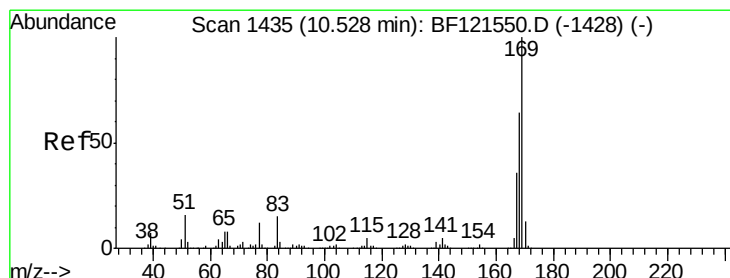
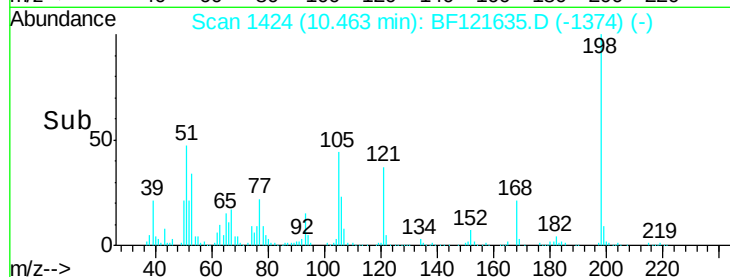
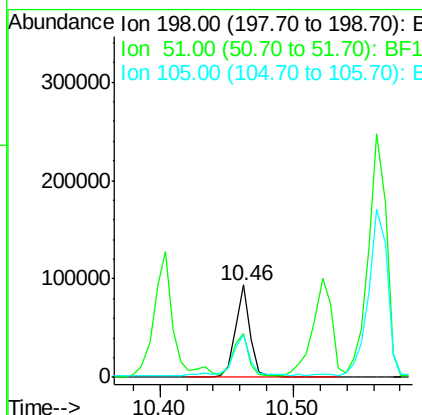
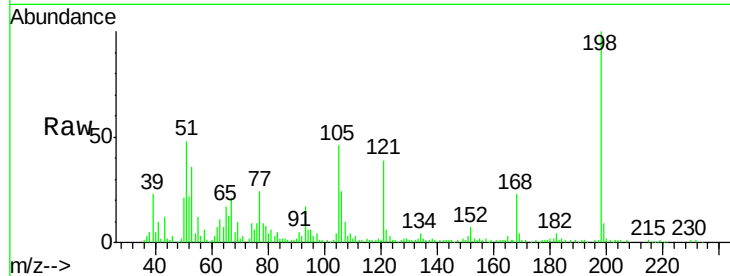




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 29.046 ng  
 RT: 10.46 min Scan# 1424  
 Delta R.T. -0.01 min  
 Lab File: BF121635.D  
 Acq: 21 Sep 2020 19:38

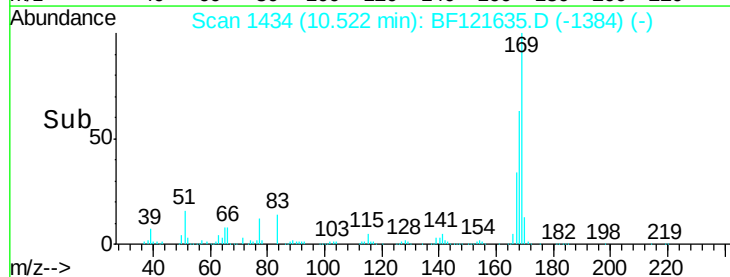
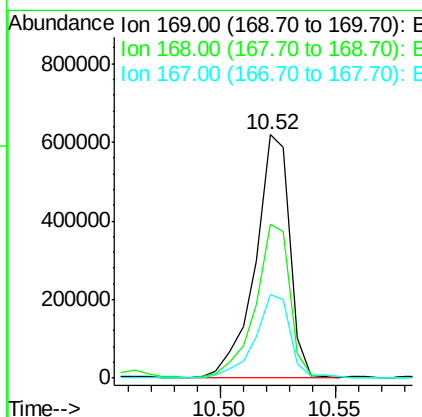
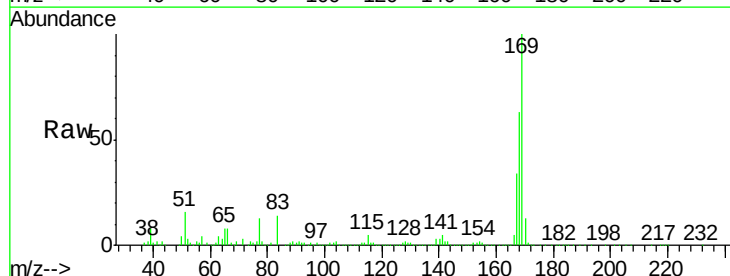
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

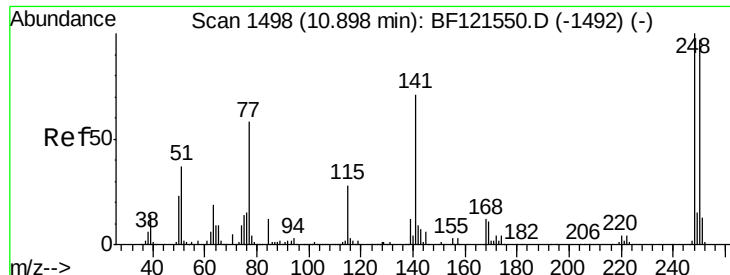
| Tot Ion | 198   | Resp  | 74369 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 198     | 100   |       |       |
| 51      | 47.8  | 20.3  | 60.3  |
| 105     | 45.6  | 20.2  | 60.2  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 39.965 ng  
 RT: 10.52 min Scan# 1434  
 Delta R.T. -0.01 min  
 Lab File: BF121635.D  
 Acq: 21 Sep 2020 19:38

| Tgt Ion | 169   | Resp  | 641847 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 169     | 100   |       |        |
| 168     | 63.4  | 51.8  | 77.8   |
| 167     | 34.2  | 28.4  | 42.6   |

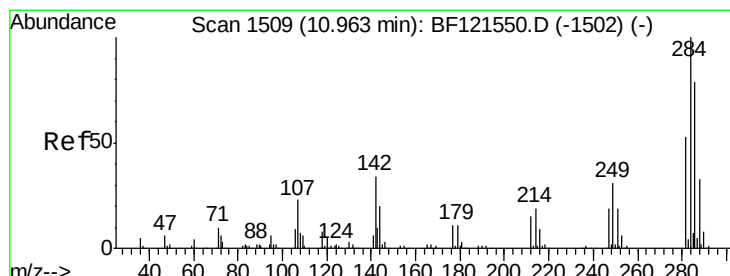
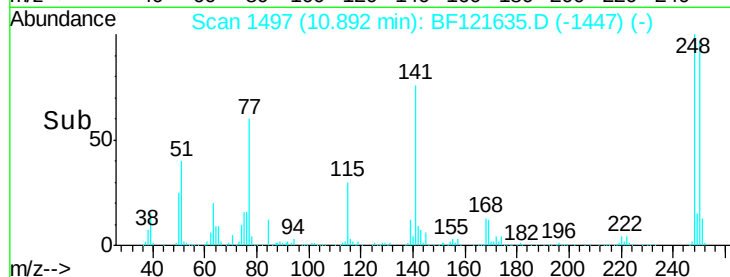
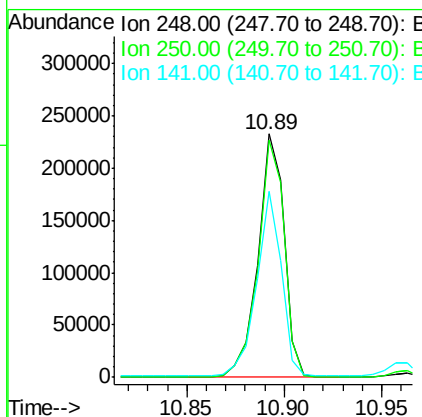
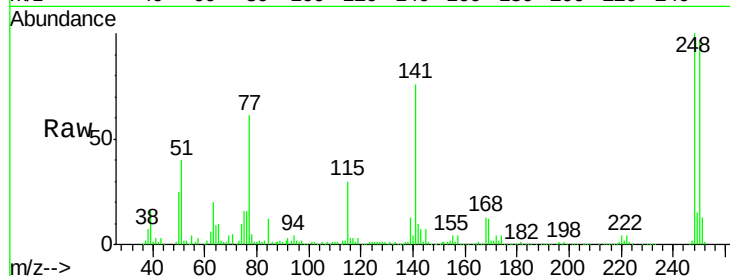




#67  
 4-Bromophenyl-phenylether  
 Concen: 40.605 ng  
 RT: 10.89 min Scan# 1497  
 Delta R.T. -0.01 min  
 Lab File: BF121635.D  
 Acq: 21 Sep 2020 19:38

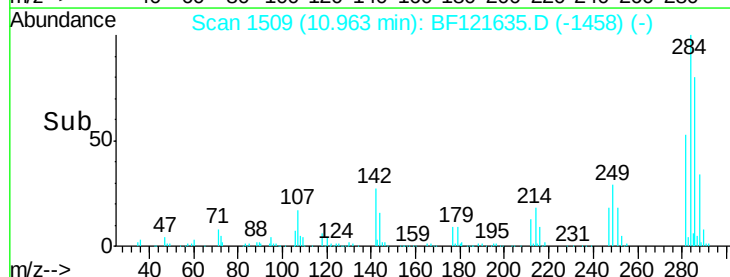
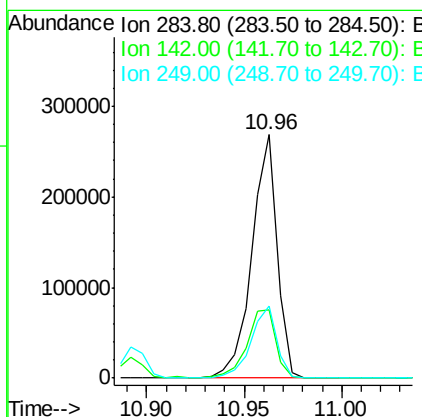
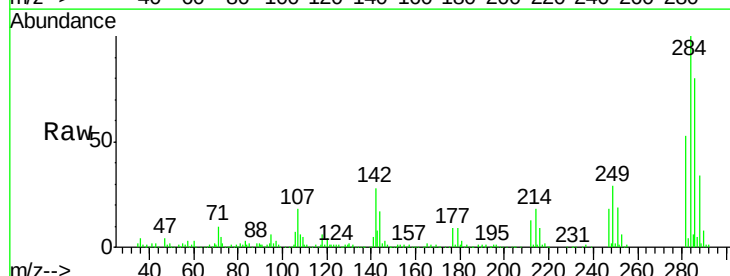
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

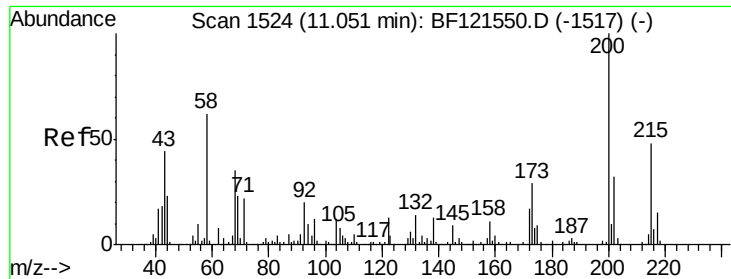
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 248   | Resp: | 216418 |
| Ion      | Ratio | Lower | Upper  |
| 248      | 100   |       |        |
| 250      | 97.2  | 79.4  | 119.0  |
| 141      | 76.2  | 52.2  | 78.4   |



#68  
 Hexachlorobenzene  
 Concen: 40.155 ng  
 RT: 10.96 min Scan# 1509  
 Delta R.T. 0.00 min  
 Lab File: BF121635.D  
 Acq: 21 Sep 2020 19:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 284   | Resp: | 241523 |
| Ion      | Ratio | Lower | Upper  |
| 284      | 100   |       |        |
| 142      | 27.8  | 24.0  | 36.0   |
| 249      | 29.5  | 23.9  | 35.9   |

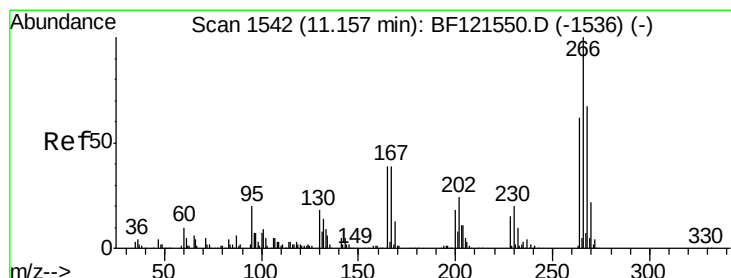
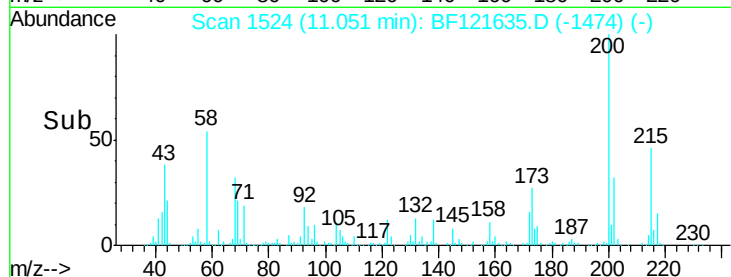
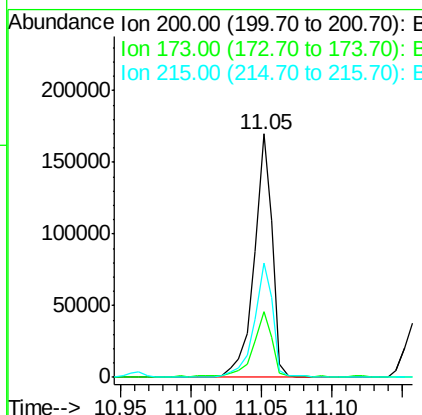
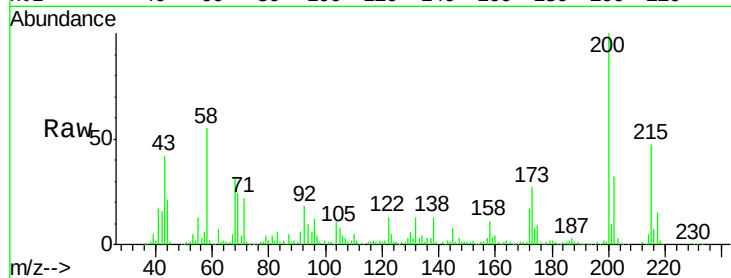




#69  
 Atrazine  
 Concen: 38.127 ng  
 RT: 11.05 min Scan# 1524  
 Delta R.T. -0.01 min  
 Lab File: BF121635.D  
 Acq: 21 Sep 2020 19:38

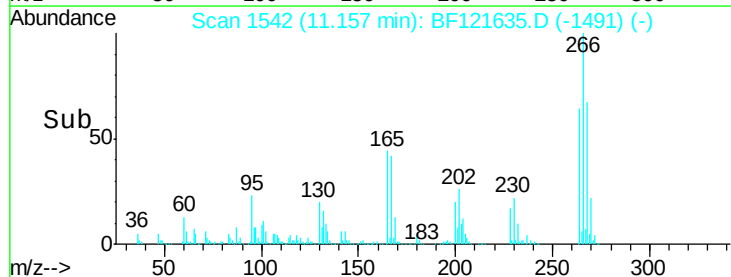
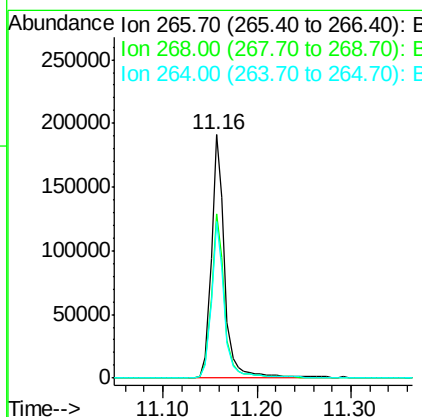
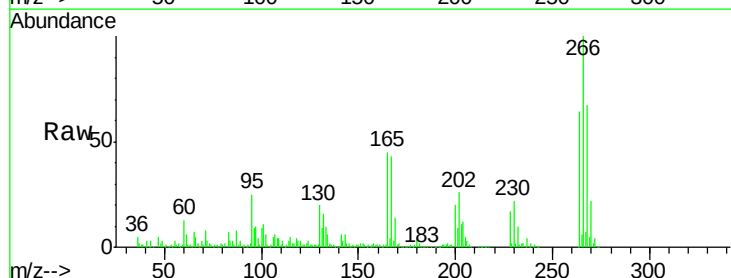
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

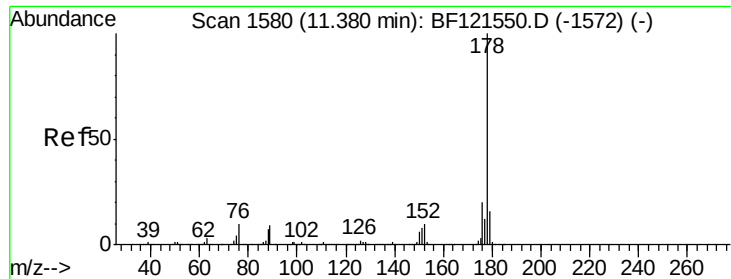
Tot Ion:200 Resp: 152130  
 Ion Ratio Lower Upper  
 200 100  
 173 27.0 6.0 46.0  
 215 46.8 28.4 68.4



#70  
 Pentachlorophenol  
 Concen: 58.682 ng  
 RT: 11.16 min Scan# 1542  
 Delta R.T. 0.00 min  
 Lab File: BF121635.D  
 Acq: 21 Sep 2020 19:38

Tgt Ion:266 Resp: 193842  
 Ion Ratio Lower Upper  
 266 100  
 268 67.4 54.6 81.8  
 264 64.3 51.1 76.7

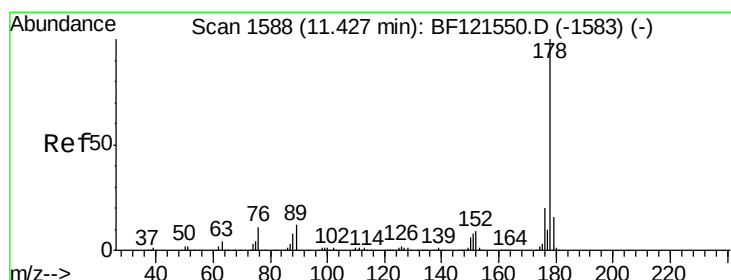
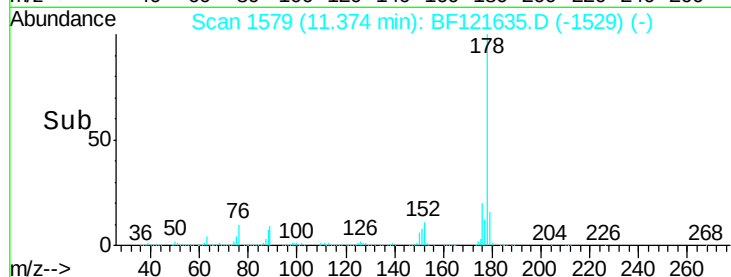
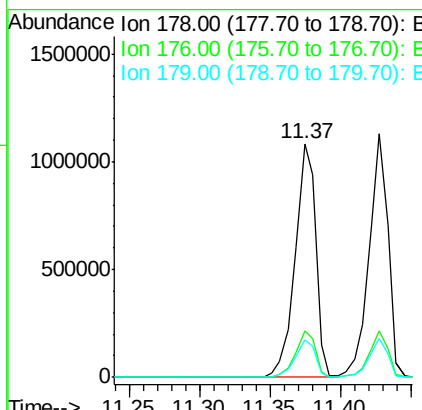
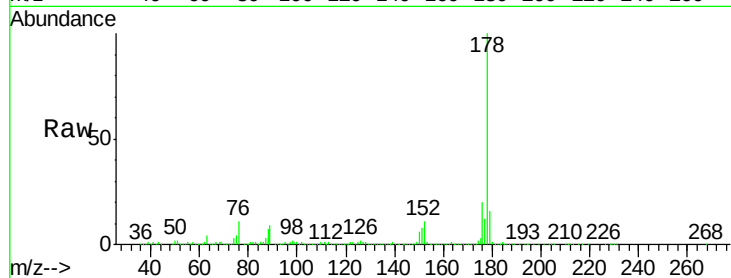




#71  
Phenanthrene  
Concen: 43.031 ng  
RT: 11.37 min Scan# 1579  
Delta R.T. -0.01 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

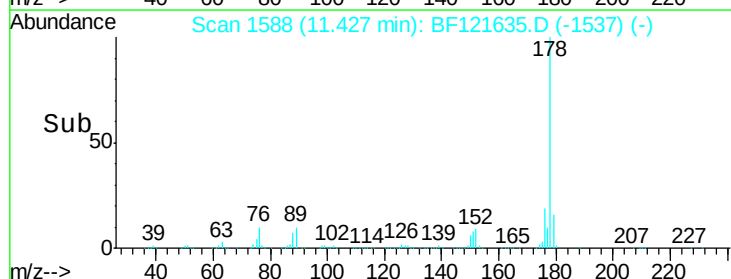
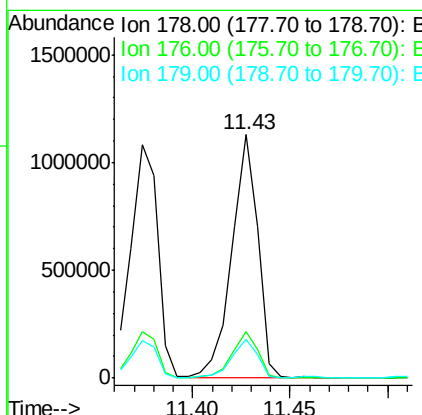
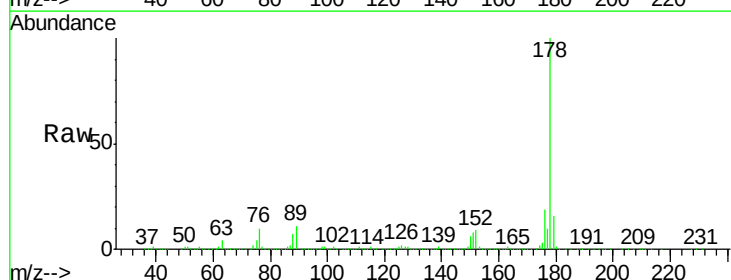
Instrument :  
BNA\_F  
ClientSampleId :  
WC-1MS

Tot Ion:178 Resp: 1097521  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.9 23.9  
179 16.0 12.6 18.8

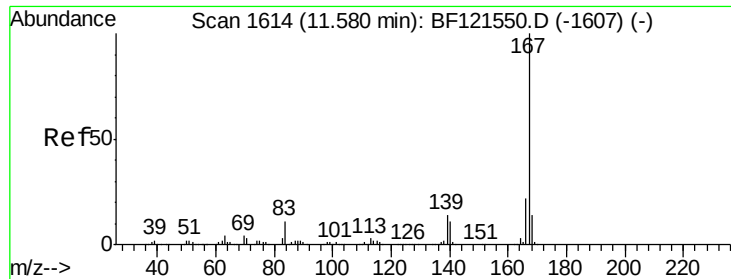


#72  
Anthracene  
Concen: 39.794 ng  
RT: 11.43 min Scan# 1588  
Delta R.T. 0.00 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

Tgt Ion:178 Resp: 1047390  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.6 23.4  
179 15.9 12.6 19.0







#73

Carbazole

Concen: 38.677 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

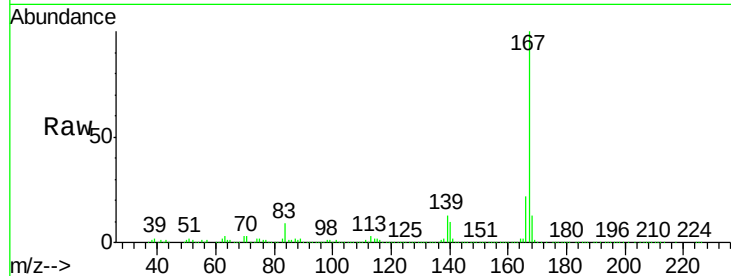
Tot Ion:167 Resp: 918639

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

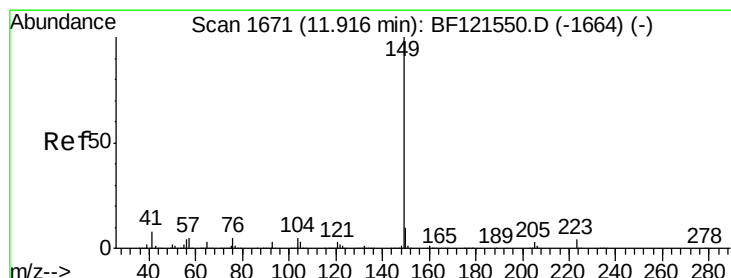
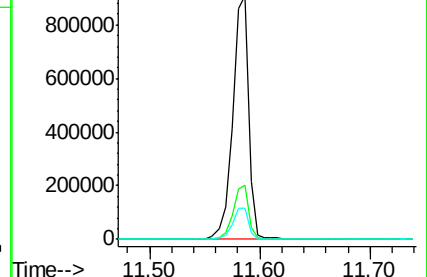
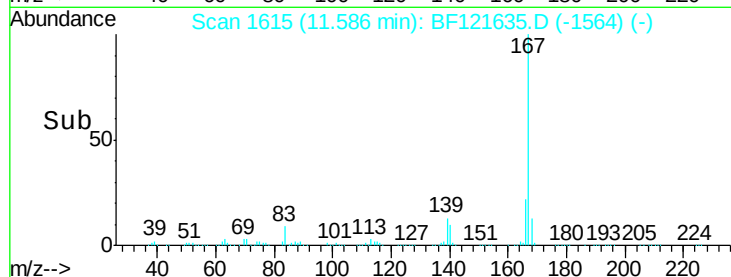
139 12.9 10.9 16.3



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: 39.817 ng

RT: 11.92 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

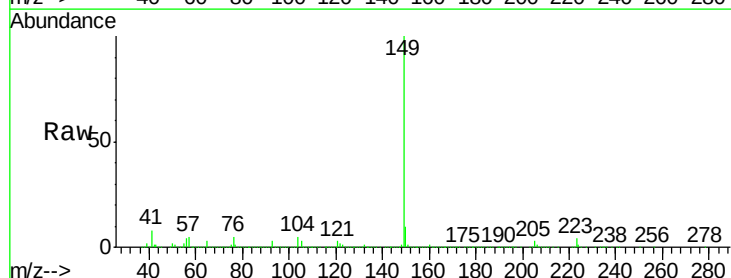
Tgt Ion:149 Resp: 1091521

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

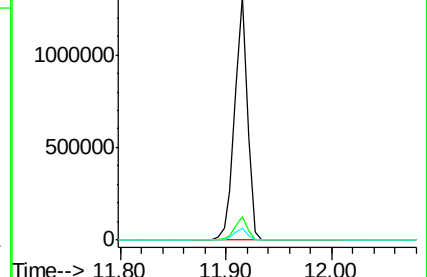
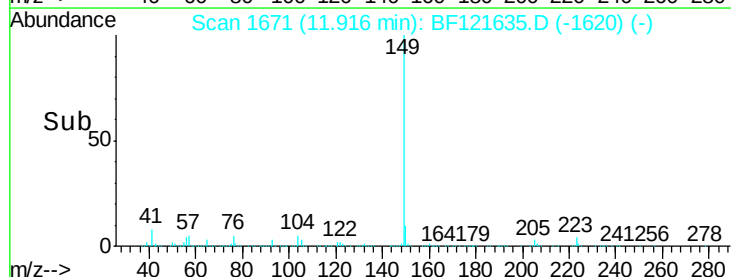
104 5.0 4.2 6.2

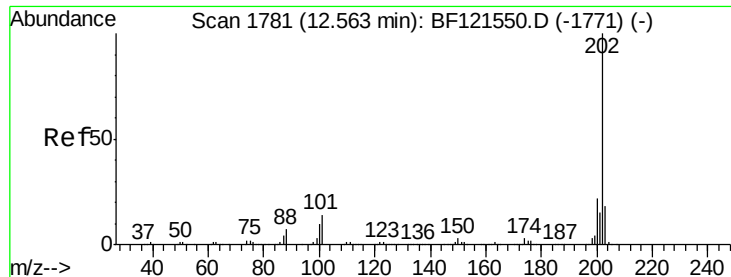


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.203 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

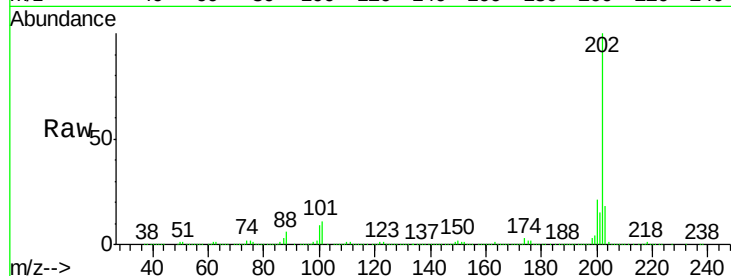
Tot Ion:202 Resp: 1176276

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.9

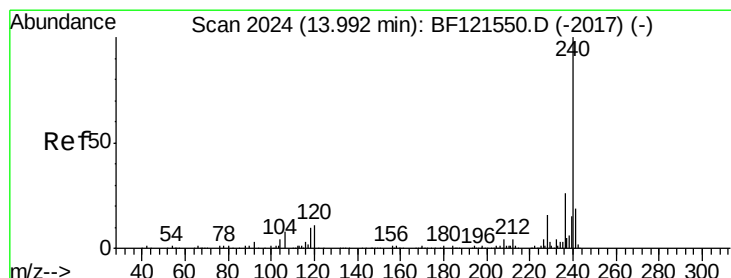
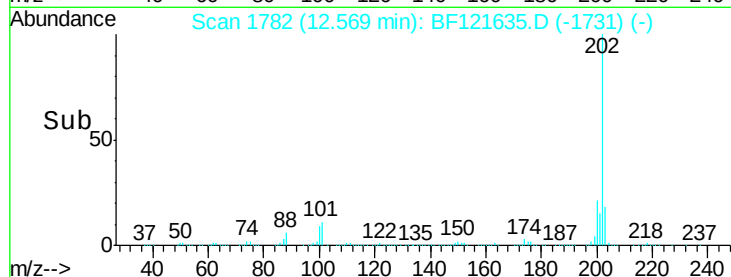
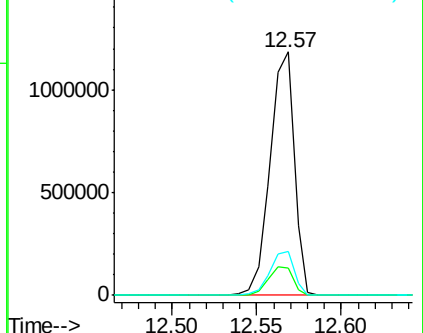
203 17.9 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

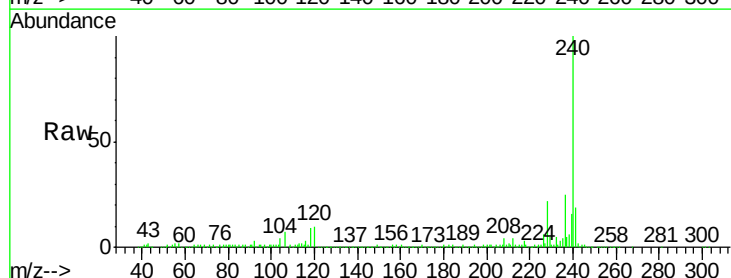
Tgt Ion:240 Resp: 306846

Ion Ratio Lower Upper

240 100

120 9.9 9.2 13.8

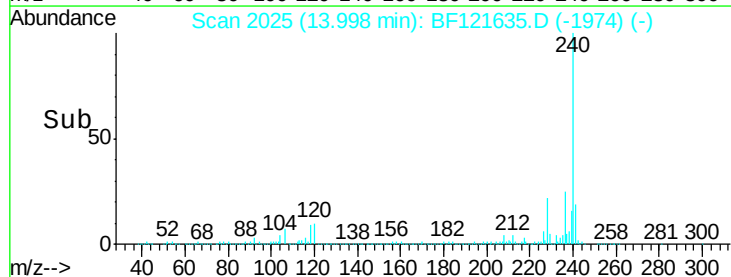
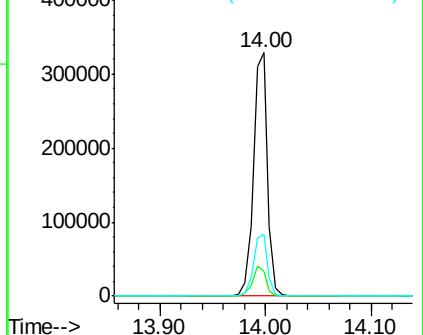
236 25.5 20.4 30.6

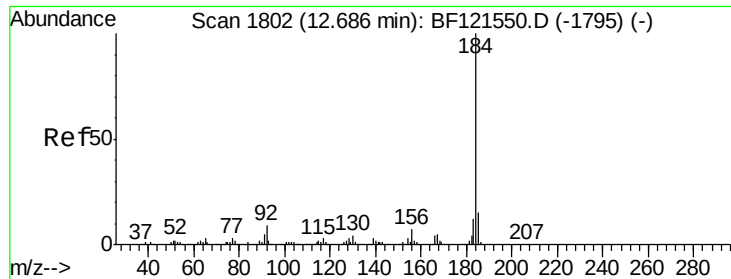


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.487 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

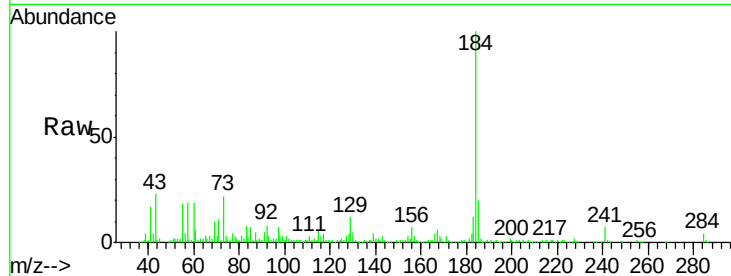
Tot Ion:184 Resp: 218577

Ion Ratio Lower Upper

184 100

185 20.2 11.5 17.3#

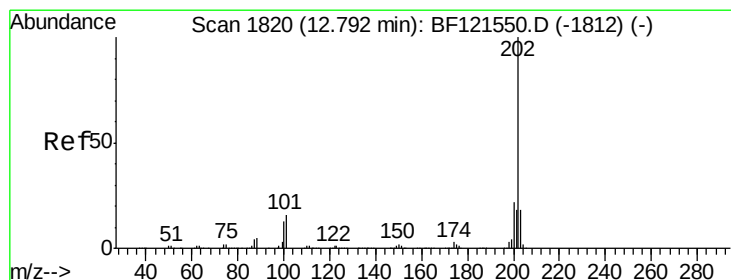
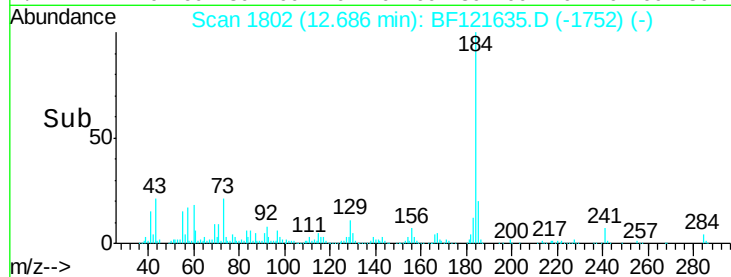
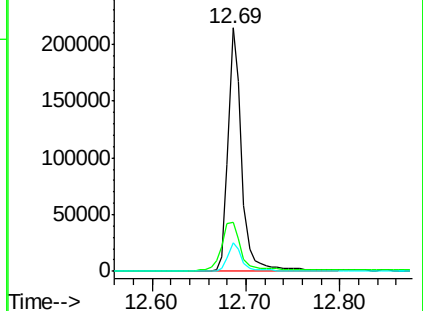
183 11.8 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.037 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

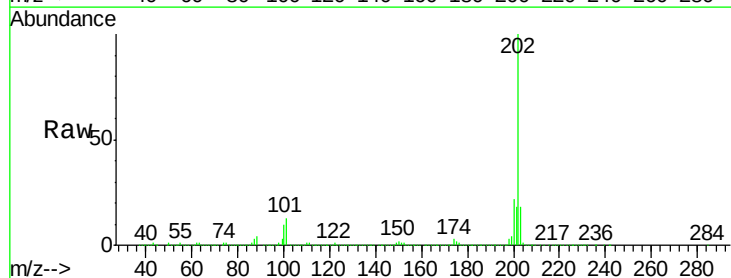
Tgt Ion:202 Resp: 1144210

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.6

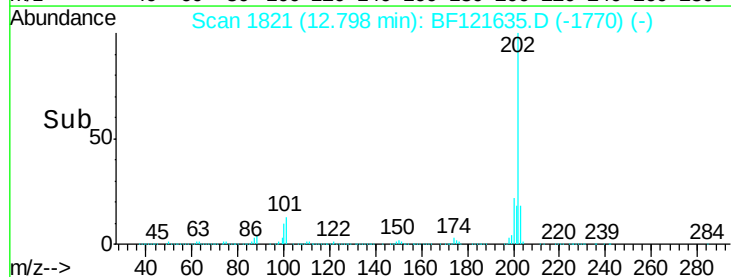
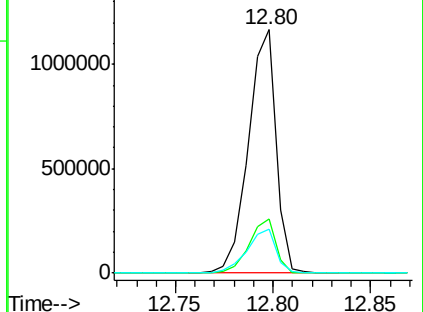
203 17.9 14.4 21.6

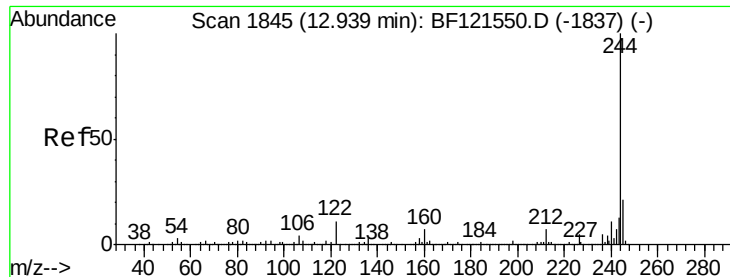


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.005 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

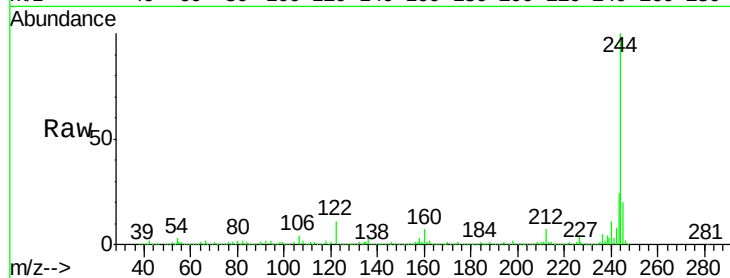
Tot Ion:244 Resp: 1181476

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

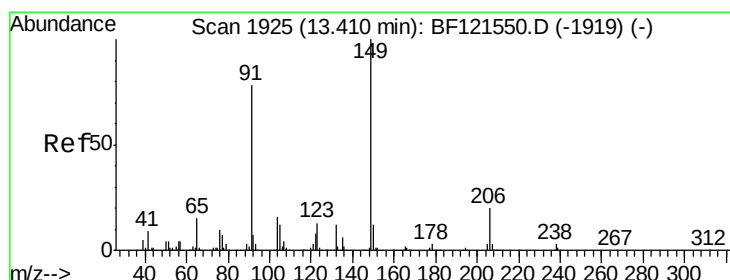
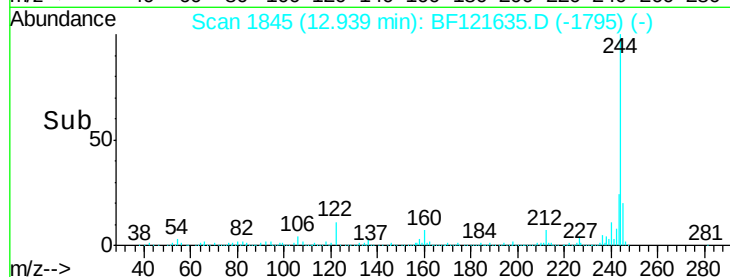
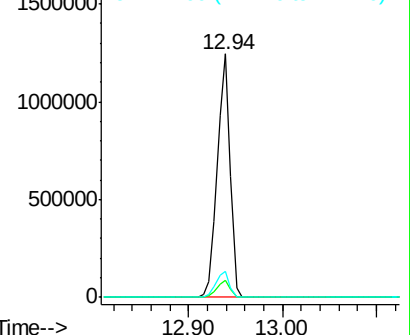
122 10.8 7.4 11.0



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: 45.022 ng

RT: 13.42 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

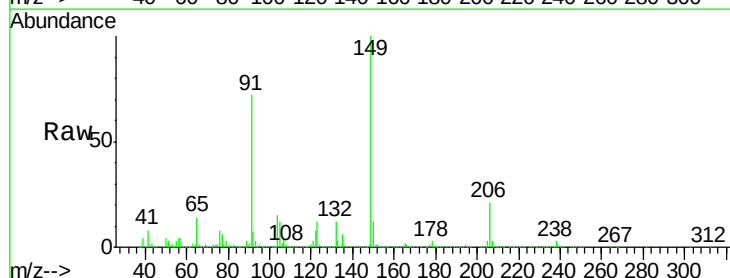
Tgt Ion:149 Resp: 408217

Ion Ratio Lower Upper

149 100

91 72.4 61.0 91.4

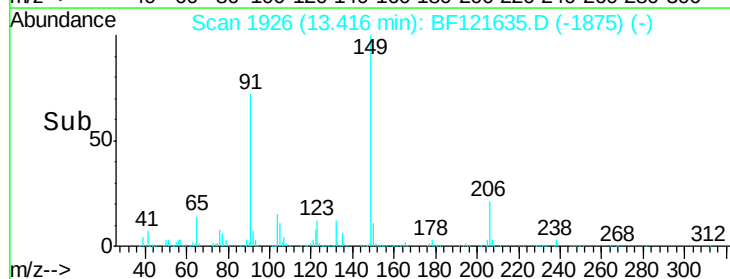
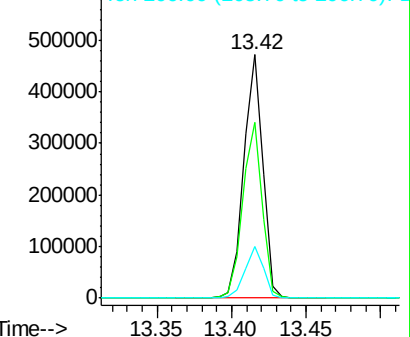
206 21.0 16.6 25.0

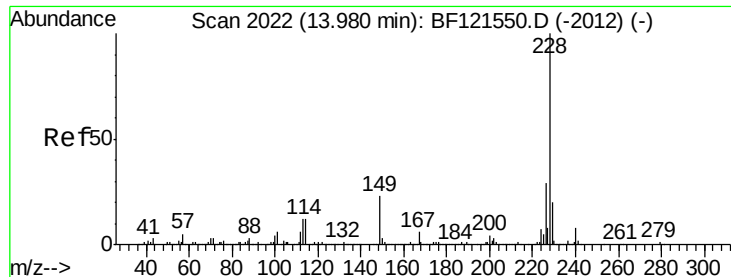


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.457 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

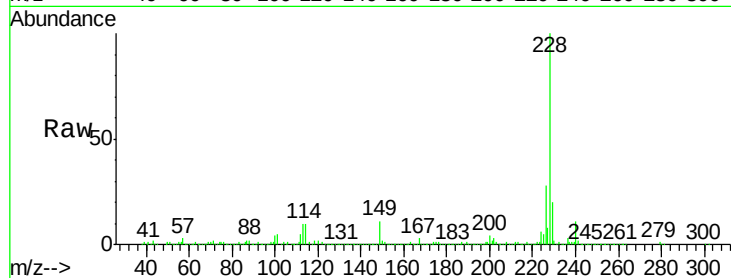
Tot Ion:228 Resp: 863023

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

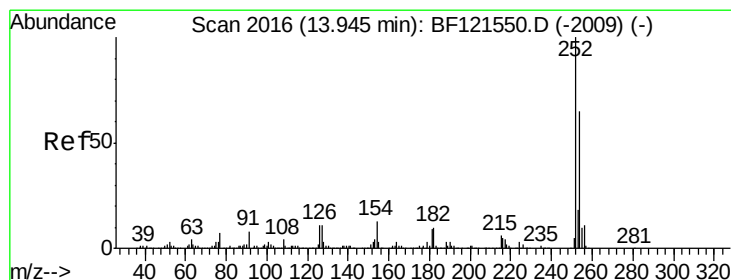
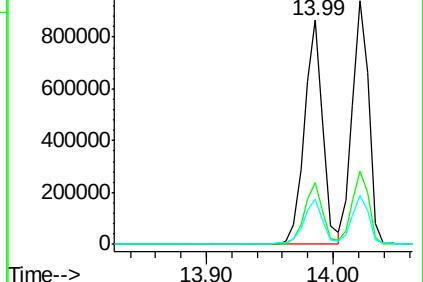
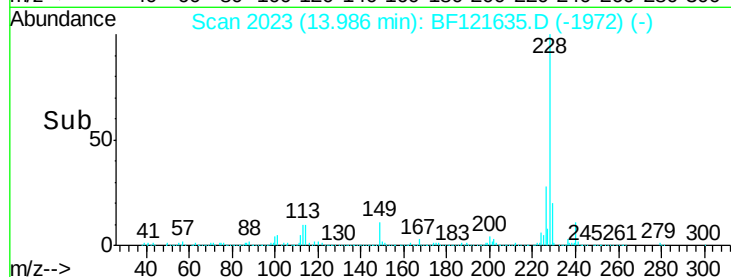
229 20.1 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.481 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

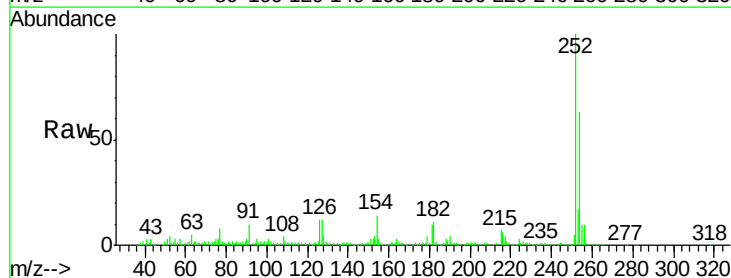
Tgt Ion:252 Resp: 147643

Ion Ratio Lower Upper

252 100

254 63.3 51.0 76.4

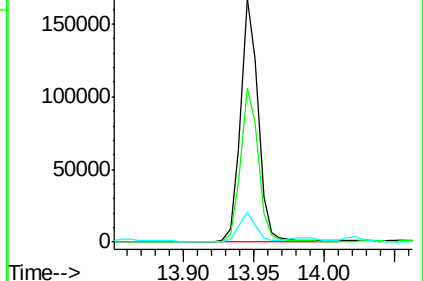
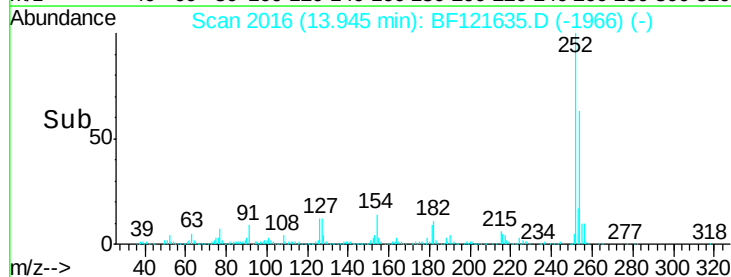
126 12.2 8.6 13.0

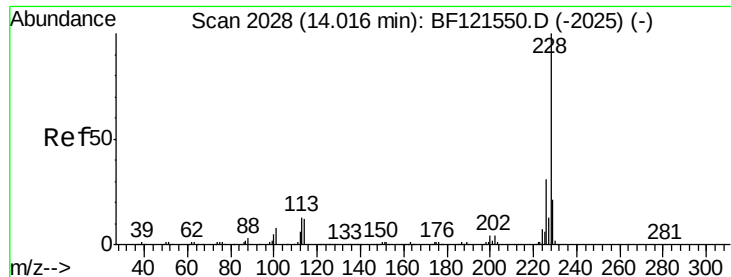


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.998 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

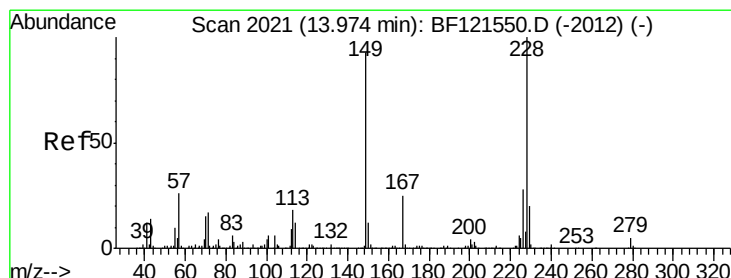
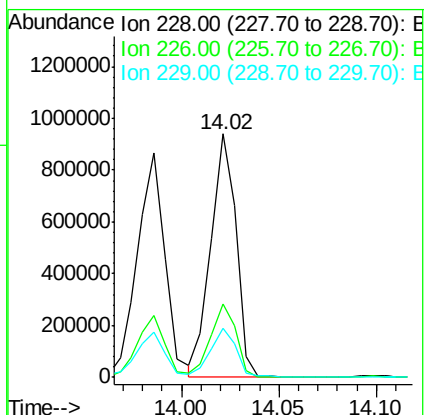
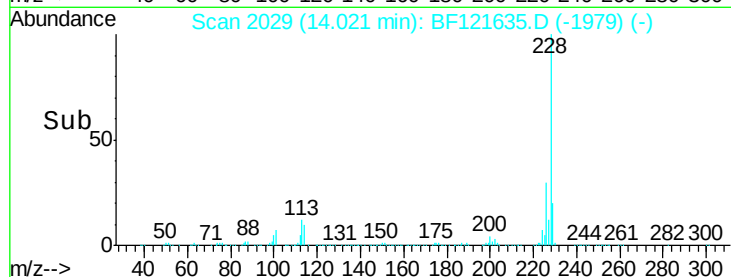
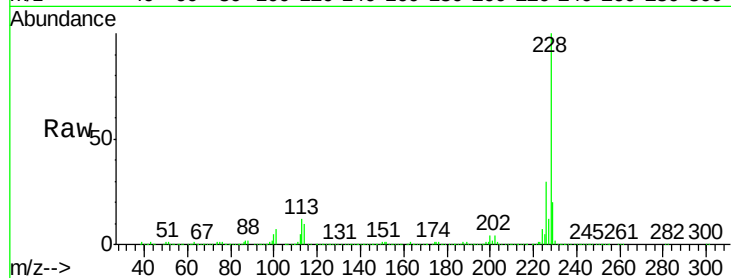
Tot Ion:228 Resp: 845253

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.4

229 20.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.195 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

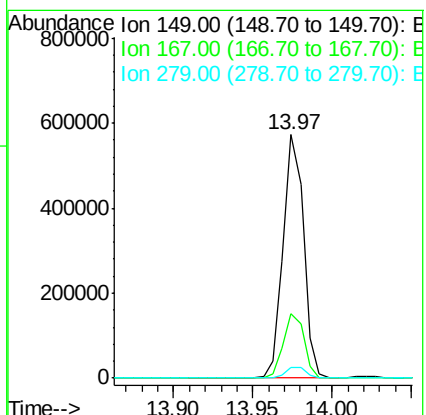
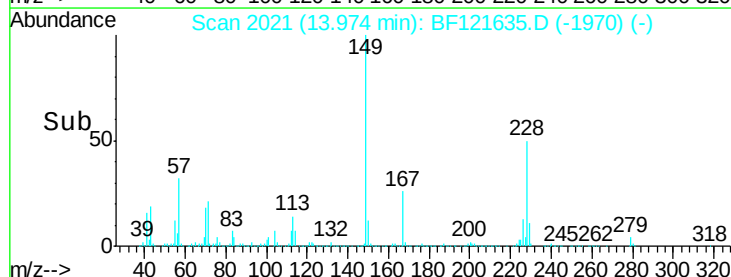
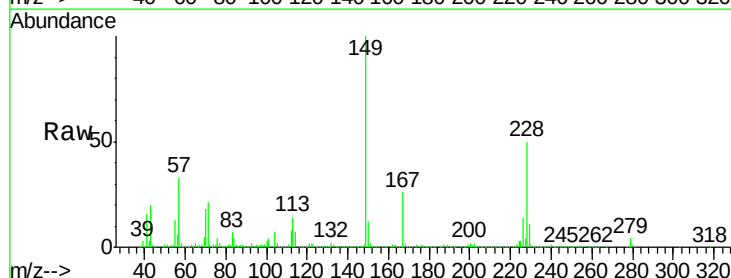
Tgt Ion:149 Resp: 511103

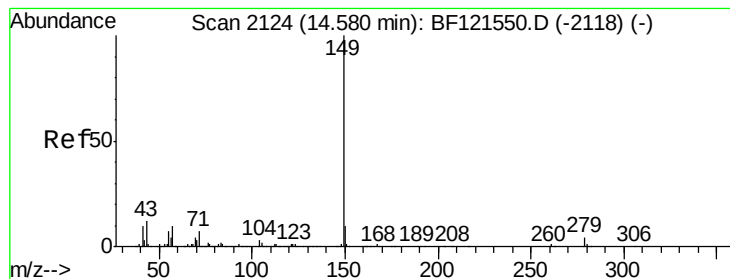
Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 38.562 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

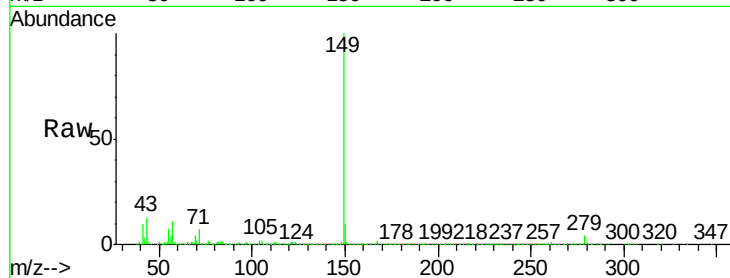
Tot Ion:149 Resp: 824327

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

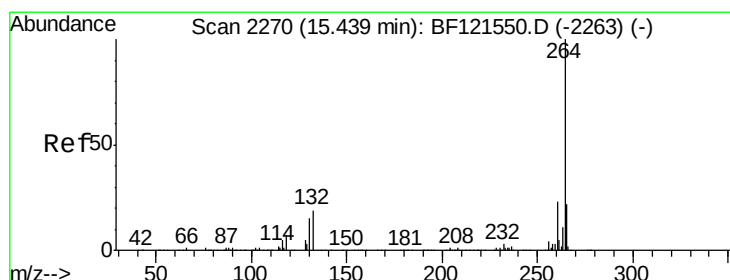
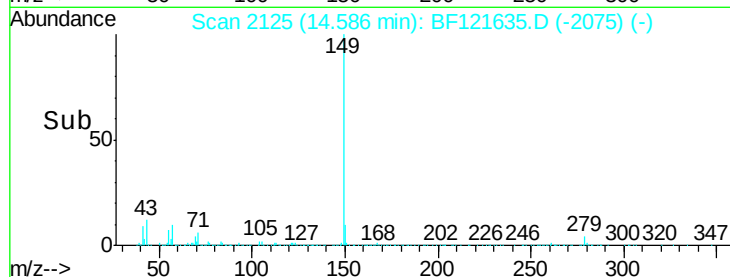
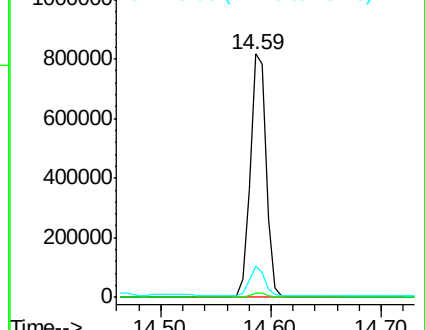
43 10.9 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

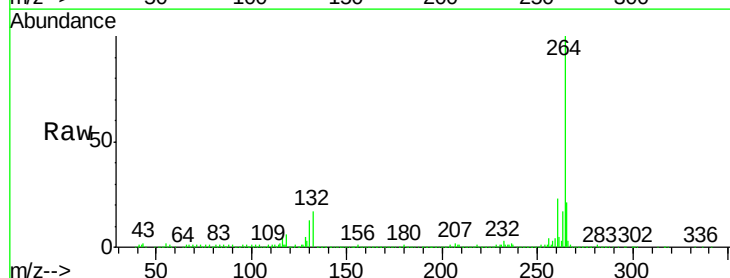
Tgt Ion:264 Resp: 317429

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

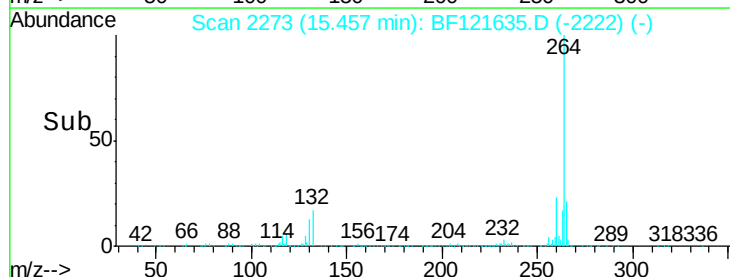
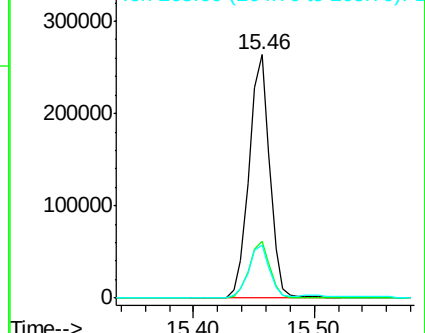
265 21.5 17.3 25.9

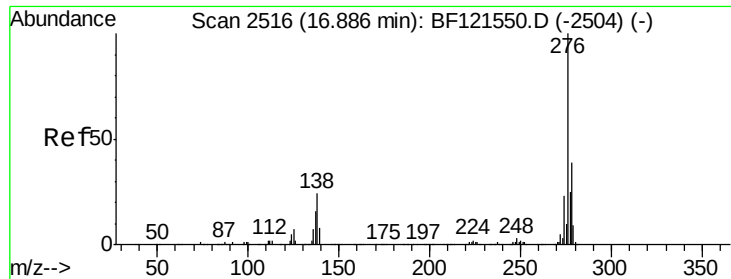


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

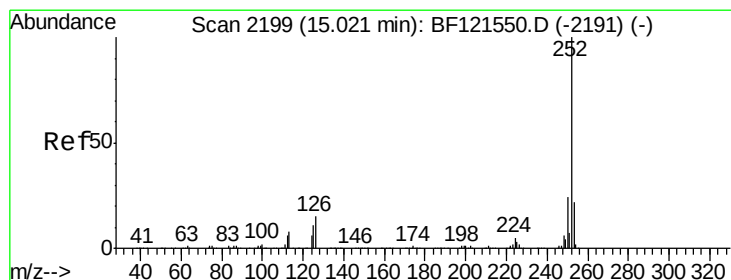
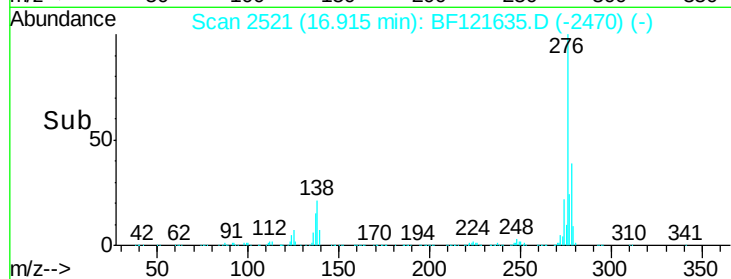
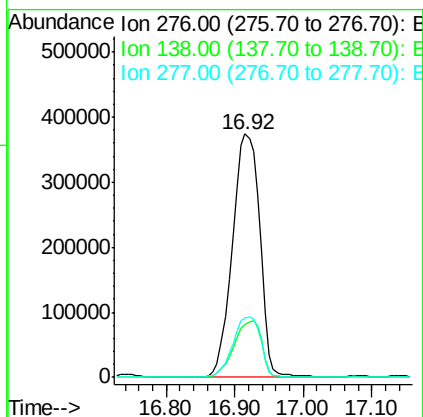
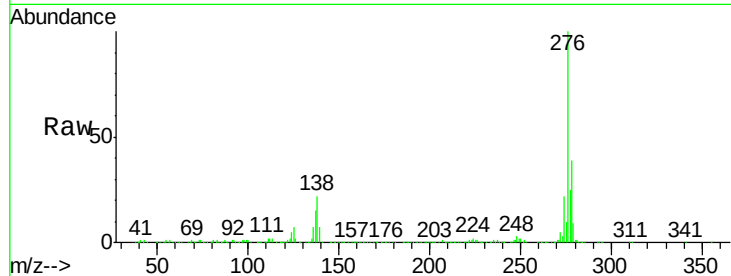




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 49.977 ng  
 RT: 16.92 min Scan# 2521  
 Delta R.T. 0.00 min  
 Lab File: BF121635.D  
 Acq: 21 Sep 2020 19:38

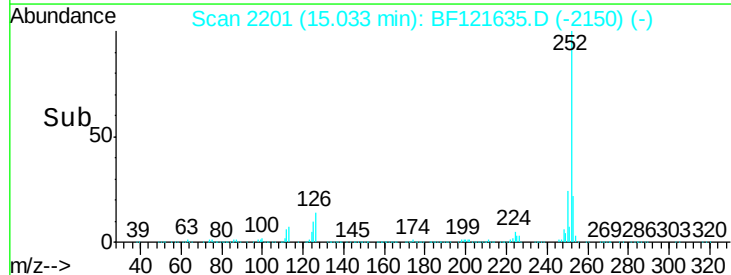
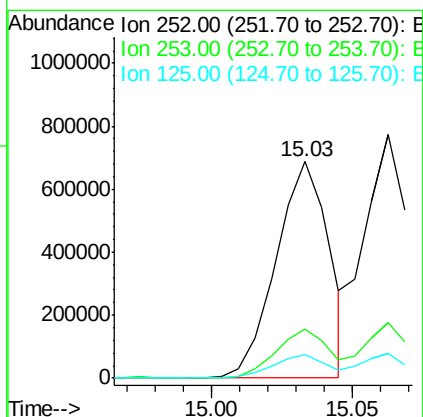
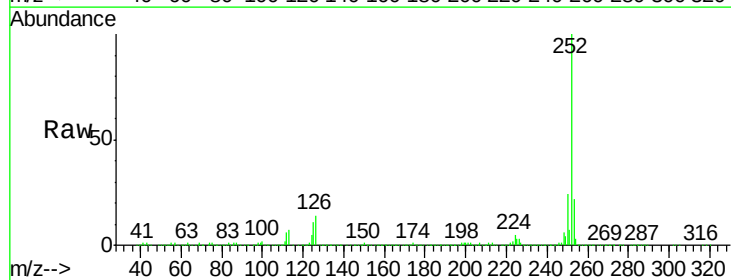
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-1MS

Tot Ion:276 Resp: 1033132  
 Ion Ratio Lower Upper  
 276 100  
 138 23.5 19.0 28.6  
 277 25.1 20.2 30.2

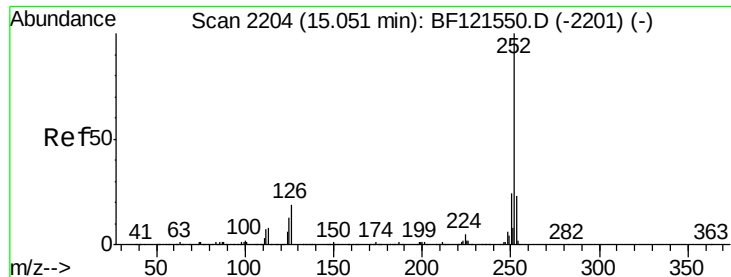


#88  
 Benzo(b)fluoranthene  
 Concen: 41.940 ng  
 RT: 15.03 min Scan# 2201  
 Delta R.T. 0.00 min  
 Lab File: BF121635.D  
 Acq: 21 Sep 2020 19:38

Tgt Ion:252 Resp: 889985  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 18.2 27.4  
 125 10.6 8.5 12.7



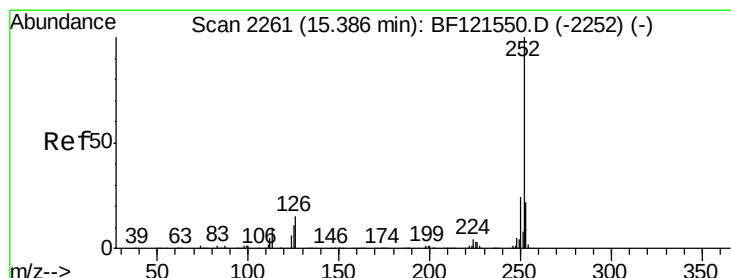
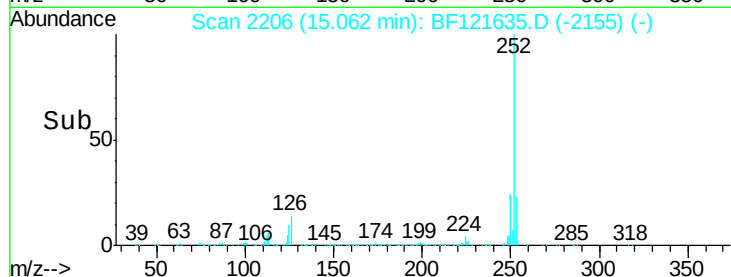
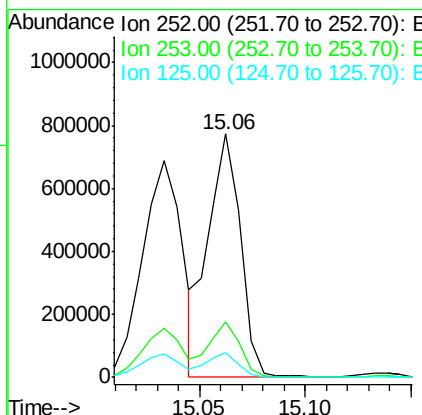
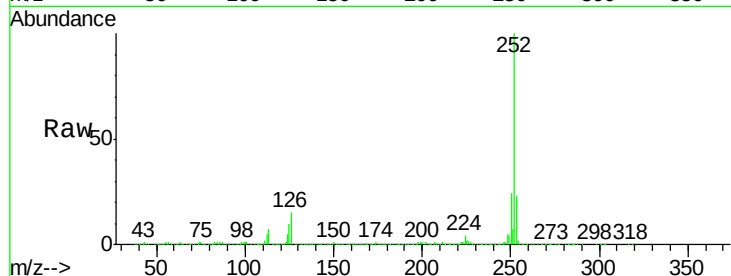




#89  
Benzo(k)fluoranthene  
Concen: 42.046 ng  
RT: 15.06 min Scan# 2206  
Delta R.T. 0.00 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

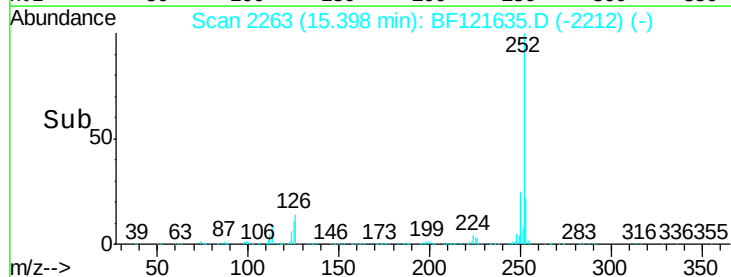
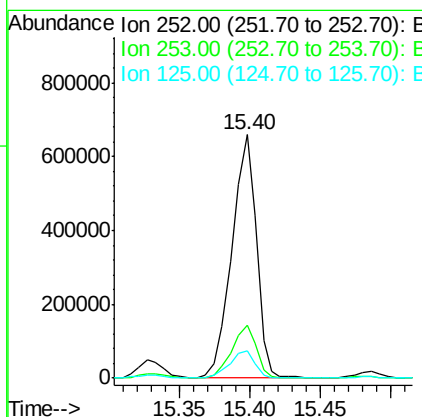
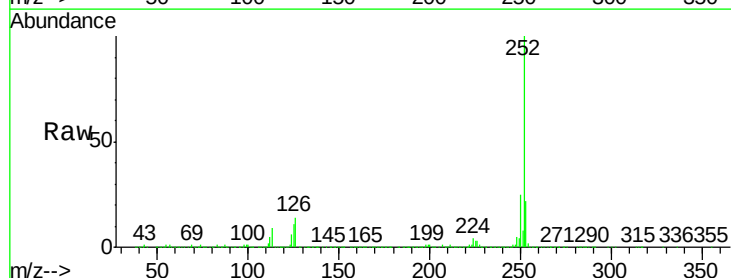
Instrument :  
BNA\_F  
ClientSampled :  
WC-1MS

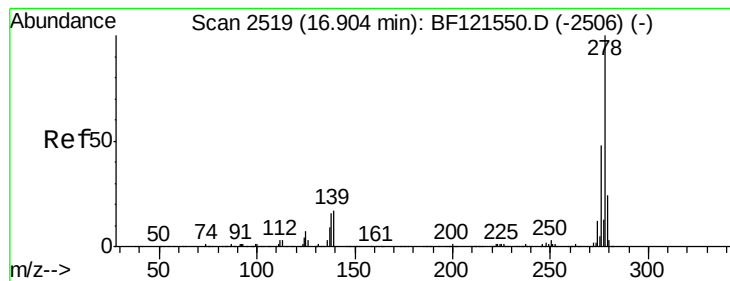
Tot Ion:252 Resp: 817067  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.8 26.8  
125 9.9 8.4 12.6



#90  
Benzo(a)pyrene  
Concen: 44.198 ng  
RT: 15.40 min Scan# 2263  
Delta R.T. 0.00 min  
Lab File: BF121635.D  
Acq: 21 Sep 2020 19:38

Tgt Ion:252 Resp: 797257  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.2  
125 11.2 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 47.696 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

Instrument :

BNA\_F

ClientSampleId :

WC-1MS

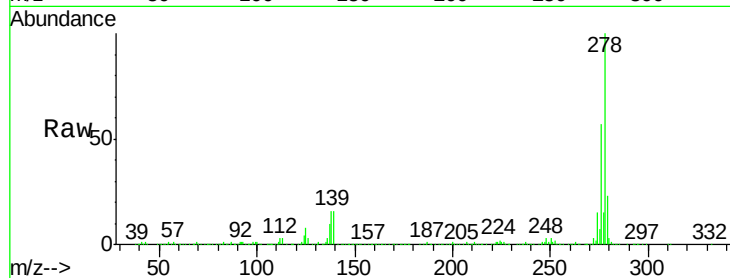
Tot Ion:278 Resp: 820744

Ion Ratio Lower Upper

278 100

139 15.6 12.0 18.0

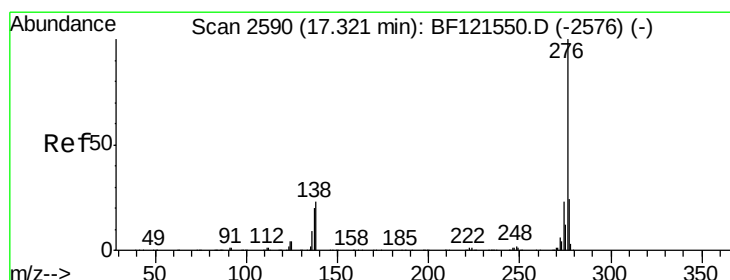
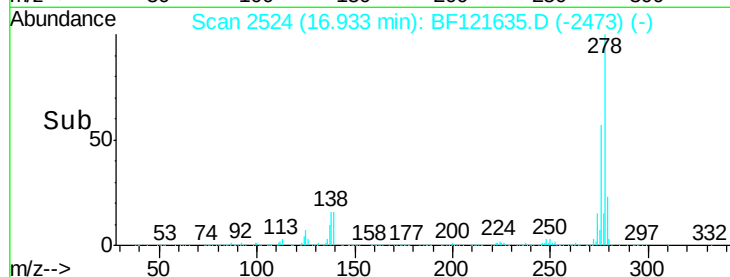
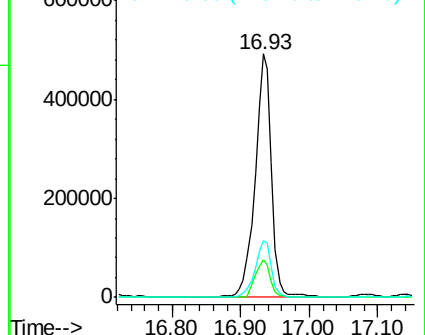
279 23.4 19.4 29.2



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: 52.889 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.01 min

Lab File: BF121635.D

Acq: 21 Sep 2020 19:38

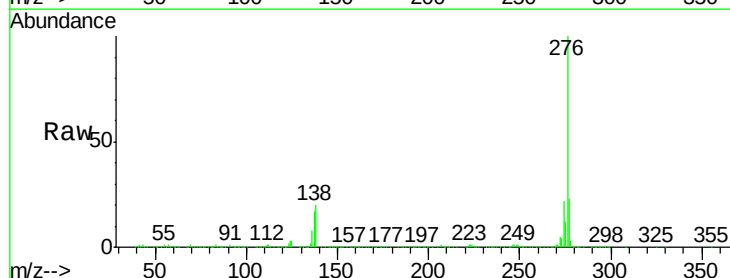
Tgt Ion:276 Resp: 894624

Ion Ratio Lower Upper

276 100

277 23.1 19.3 28.9

138 19.9 16.9 25.3



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

