

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\  
 Data File : BF120912.D  
 Acq On : 17 Jul 2020 9:53  
 Operator : JU/CG  
 Sample : PB130249BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130249BS

Quant Time: Jul 17 10:45:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 16 14:20:32 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 179278   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 659116   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.85  | 164  | 320187   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.33 | 188  | 560217   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.97 | 240  | 397111   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.42 | 264  | 380911   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.43  | 112 | 1006954 | 92.08 | ng | 0.01 |
| 7) Phenol-d6             | 6.45  | 99  | 1202198 | 85.10 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.38  | 82  | 742956  | 65.22 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.64 | 330 | 321523  | 91.74 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.17  | 172 | 1346992 | 62.81 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.92 | 244 | 1213345 | 66.42 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.60 | 88  | 165386  | 32.860 | ng | 99     |
| 3) Pyridine                    | 3.34 | 79  | 469075  | 35.035 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.29 | 42  | 219811  | 38.394 | ng | 97     |
| 6) Aniline                     | 6.48 | 93  | 585114  | 31.731 | ng | 96     |
| 8) 2-Chlorophenol              | 6.60 | 128 | 467519  | 38.807 | ng | 98     |
| 9) Benzaldehyde                | 6.36 | 77  | 127422  | 15.215 | ng | 98     |
| 10) Phenol                     | 6.46 | 94  | 574781  | 36.989 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 443519  | 37.242 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 480323  | 36.768 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.83 | 146 | 490880  | 37.789 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 464690  | 37.814 | ng | 99     |
| 15) Benzyl Alcohol             | 6.96 | 79  | 357431  | 35.779 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45  | 626637  | 36.506 | ng | 100    |
| 17) 2-Methylphenol             | 7.07 | 107 | 362145  | 33.915 | ng | 99     |
| 18) Hexachloroethane           | 7.33 | 117 | 184435  | 39.228 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 285357  | 35.524 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 420694  | 30.972 | ng | 94     |
| 22) Acetophenone               | 7.23 | 105 | 559039  | 37.792 | ng | 98     |
| 24) Nitrobenzene               | 7.40 | 77  | 462163  | 37.644 | ng | 98     |
| 25) Isophorone                 | 7.64 | 82  | 822250  | 36.169 | ng | 99     |
| 26) 2-Nitrophenol              | 7.72 | 139 | 240534  | 41.252 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 375960  | 39.713 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 530471  | 38.226 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 368507  | 38.093 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.04 | 180 | 411866  | 38.374 | ng | 100    |
| 31) Naphthalene                | 8.12 | 128 | 1266665 | 37.465 | ng | 99     |
| 32) Benzoic acid               | 7.87 | 122 | 277776  | 39.087 | ng | 98     |
| 33) 4-Chloroaniline            | 8.17 | 127 | 402315  | 26.675 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.24 | 225 | 237181  | 37.487 | ng | 99     |
| 35) Caprolactam                | 8.53 | 113 | 72690   | 23.431 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 365247  | 36.814 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.81 | 142 | 839420  | 38.238 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.91 | 142 | 789851  | 37.989 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 361792  | 38.782 | ng | 99     |

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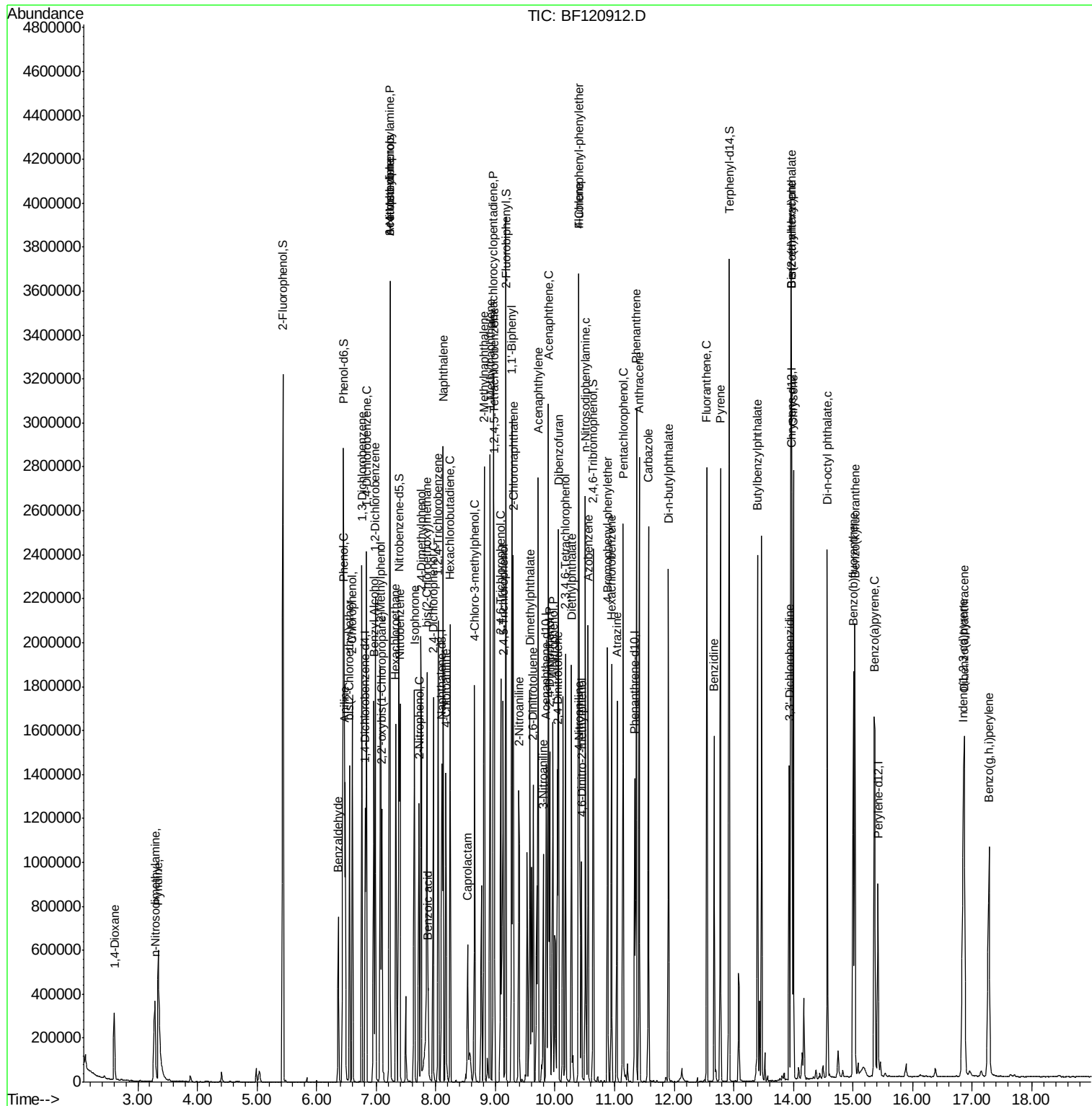
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.97  | 237  | 448152   | 86.921 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 9.09  | 196  | 261124   | 39.755 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.13  | 196  | 280034   | 37.585 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.27  | 154  | 972583   | 39.821 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 762311   | 38.282 | ng    | 100      |
| 48) 2-Nitroaniline             | 9.39  | 65   | 225509   | 37.474 | ng    | 99       |
| 49) Acenaphthylene             | 9.72  | 152  | 1171213  | 37.860 | ng    | 100      |
| 50) Dimethylphthalate          | 9.58  | 163  | 850566   | 36.822 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.64  | 165  | 192594   | 38.808 | ng    | 86       |
| 52) Acenaphthene               | 9.89  | 154  | 814092   | 41.392 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.80  | 138  | 164622   | 26.449 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 9.91  | 184  | 194244   | 69.025 | ng    | 88       |
| 55) Dibenzofuran               | 10.06 | 168  | 1069370  | 37.599 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.96  | 139  | 340687   | 72.057 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 10.04 | 165  | 251077   | 38.526 | ng    | 93       |
| 58) Fluorene                   | 10.40 | 166  | 776396   | 36.601 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 229750   | 40.500 | ng    | 97       |
| 60) Diethylphthalate           | 10.27 | 149  | 843865   | 36.117 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 382951   | 33.847 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.42 | 138  | 199296   | 32.871 | ng    | 98       |
| 63) Azobenzene                 | 10.56 | 77   | 814942   | 36.637 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 128904   | 40.417 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 10.51 | 169  | 726868   | 41.245 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.88 | 248  | 249765   | 39.988 | ng    | 97       |
| 68) Hexachlorobenzene          | 10.95 | 284  | 277385   | 41.054 | ng    | 98       |
| 69) Atrazine                   | 11.04 | 200  | 199120   | 45.622 | ng    | 97       |
| 70) Pentachlorophenol          | 11.14 | 266  | 313719   | 81.050 | ng    | 98       |
| 71) Phenanthrene               | 11.36 | 178  | 1131960  | 39.288 | ng    | 100      |
| 72) Anthracene                 | 11.42 | 178  | 1170213  | 40.448 | ng    | 100      |
| 73) Carbazole                  | 11.57 | 167  | 1067674  | 37.186 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.90 | 149  | 1274500  | 38.466 | ng    | 100      |
| 75) Fluoranthene               | 12.55 | 202  | 1202911  | 37.666 | ng    | 99       |
| 77) Benzidine                  | 12.67 | 184  | 546317   | 52.325 | ng    | 99       |
| 78) Pyrene                     | 12.77 | 202  | 1218412  | 43.397 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.40 | 149  | 513303   | 41.012 | ng    | 98       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 940710   | 39.120 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 309008   | 34.061 | ng    | 100      |
| 83) Chrysene                   | 14.00 | 228  | 1012007  | 40.046 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 637137   | 41.283 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.57 | 149  | 1187954  | 38.689 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.84 | 276  | 1045350  | 39.461 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.00 | 252  | 963659   | 41.853 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.03 | 252  | 899377   | 42.831 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.36 | 252  | 848986   | 40.415 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.87 | 278  | 862653   | 39.865 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.28 | 276  | 854194   | 40.035 | ng    | 98       |

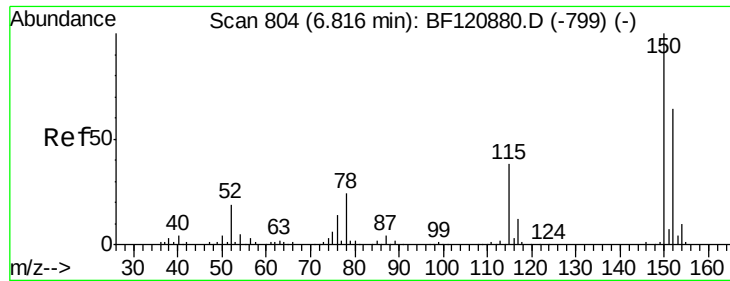
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

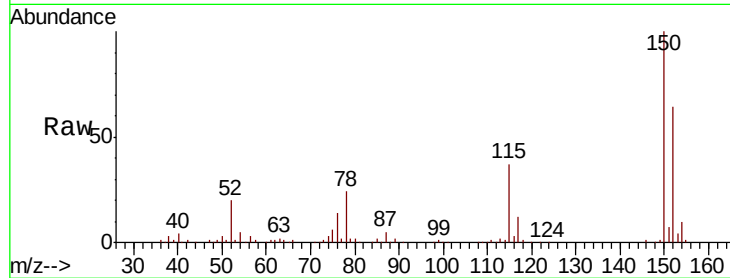
Tot Ion:152 Resp: 179278

Ion Ratio Lower Upper

152 100

150 155.9 125.0 187.6

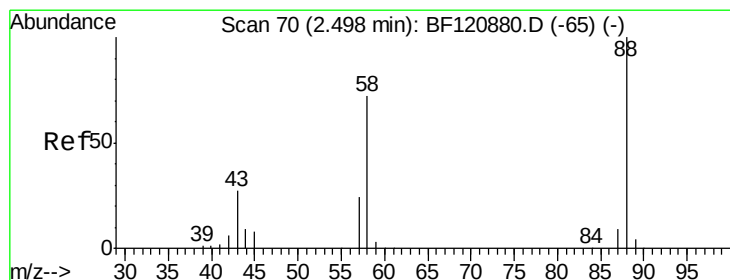
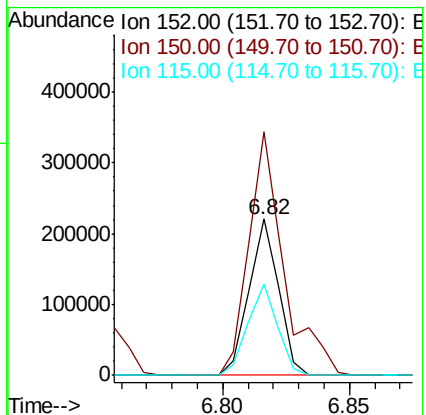
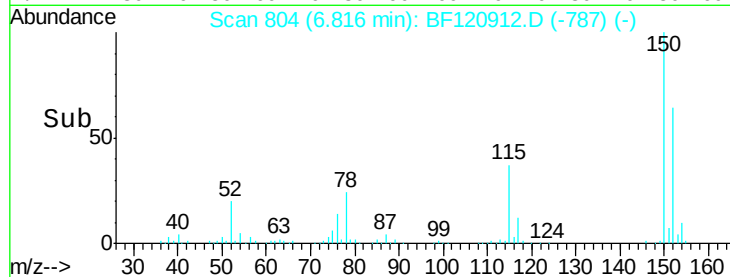
115 58.4 47.0 70.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.860 ng

RT: 2.60 min Scan# 88

Delta R.T. 0.11 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

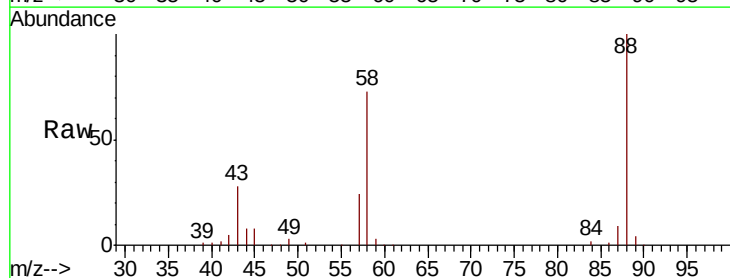
Tgt Ion: 88 Resp: 165386

Ion Ratio Lower Upper

88 100

58 72.4 58.2 87.2

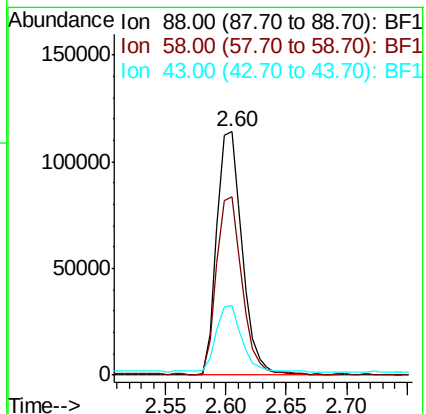
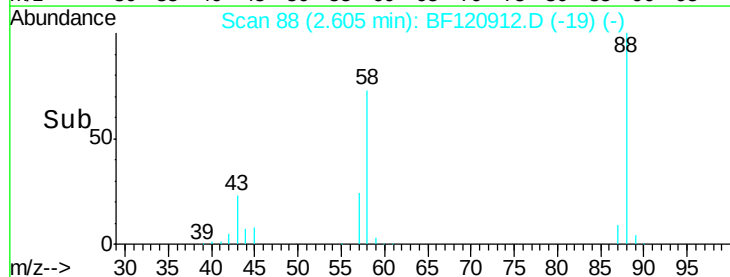
43 28.6 22.1 33.1

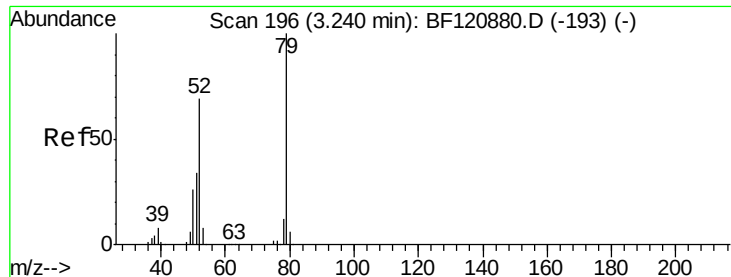


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

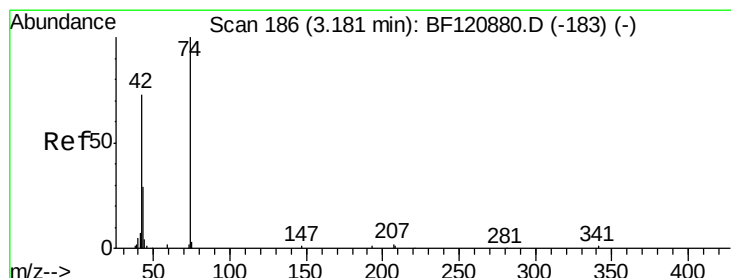
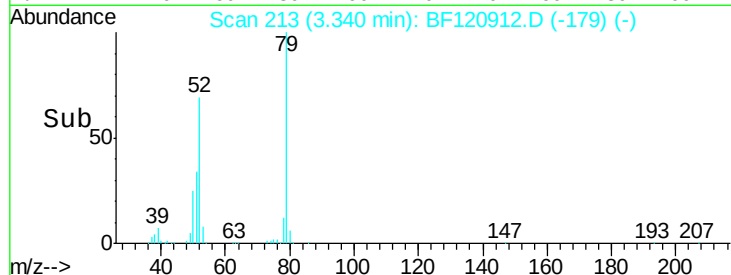
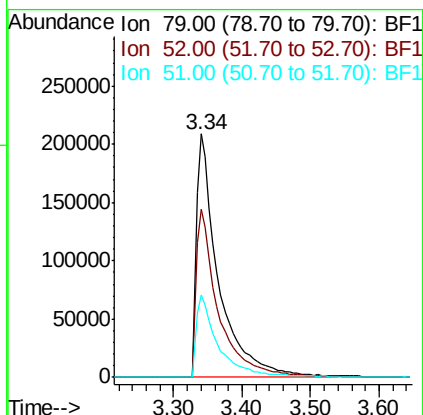
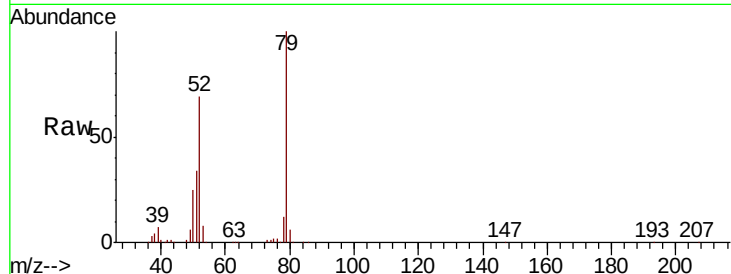




#3  
 Pvridine  
 Concen: 35.035 ng  
 RT: 3.34 min Scan# 213  
 Delta R.T. 0.10 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

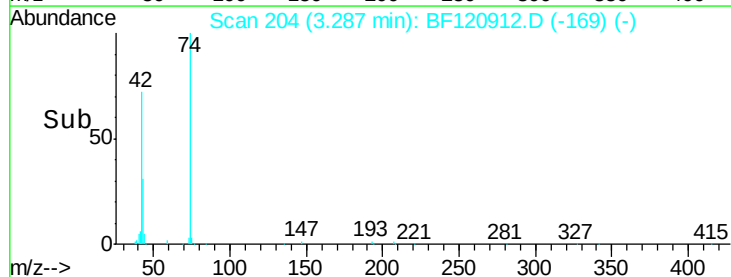
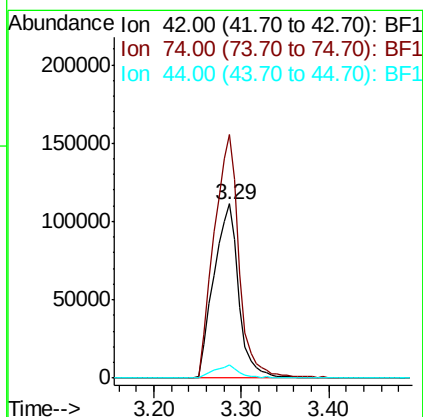
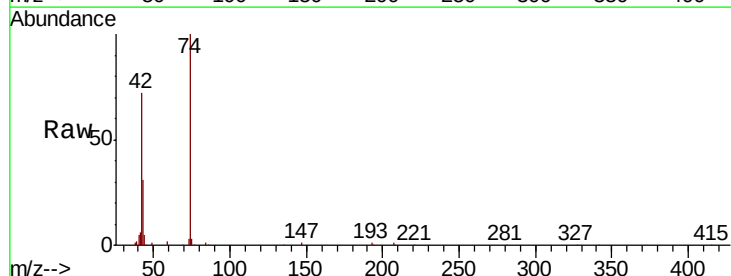
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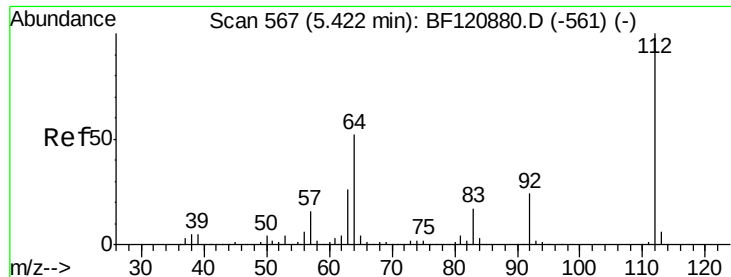
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 69.2  | 55.0  | 82.6  |
| 51      | 33.8  | 26.9  | 40.3  |



#4  
 n-Nitrosodimethylamine  
 Concen: 38.394 ng  
 RT: 3.29 min Scan# 204  
 Delta R.T. 0.11 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 139.6 | 108.7 | 163.1 |
| 44      | 7.3   | 5.2   | 7.8   |





#5

2-Fluorophenol

Concen: 92.078 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

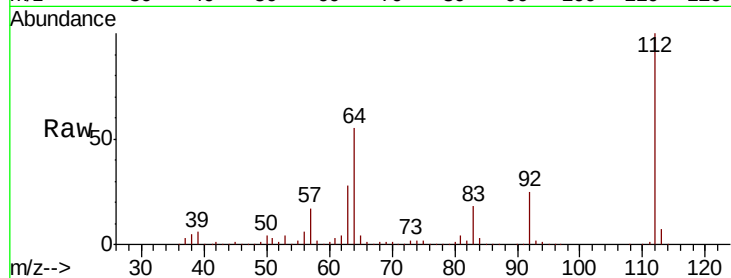
Tot Ion: 112 Resp: 1006954

Ion Ratio Lower Upper

112 100

64 54.9 41.3 61.9

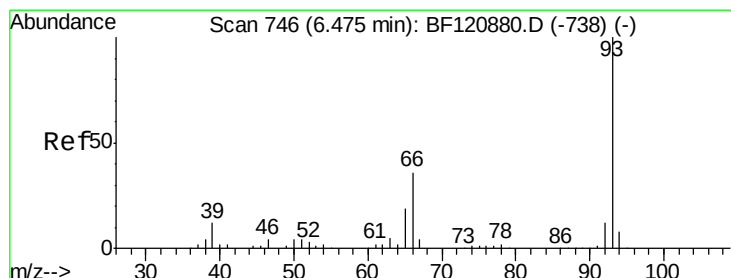
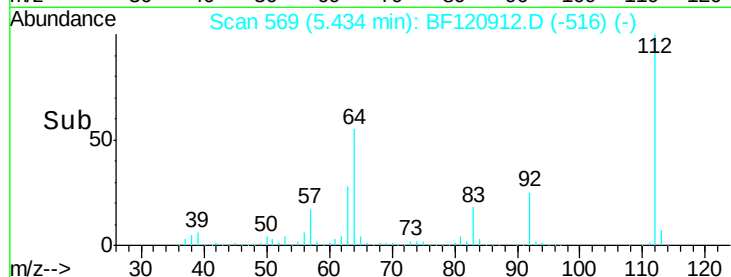
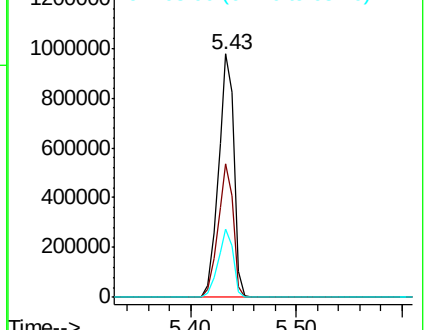
63 27.9 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.731 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

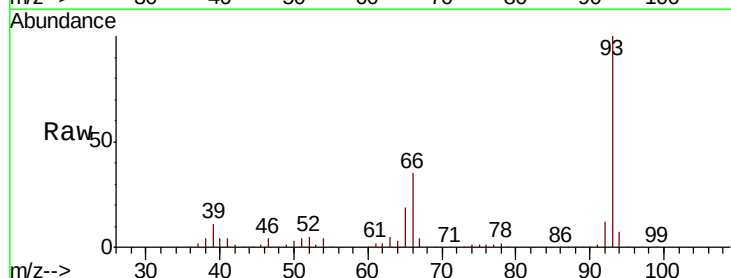
Tgt Ion: 93 Resp: 585114

Ion Ratio Lower Upper

93 100

66 35.0 30.2 45.4

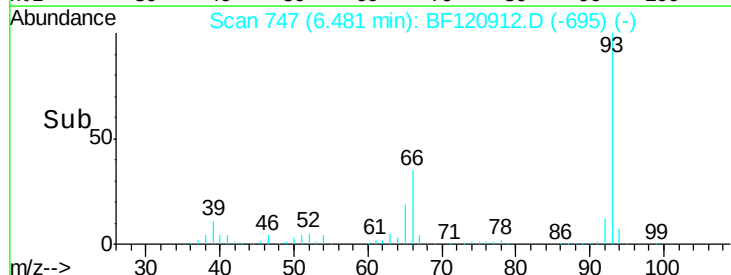
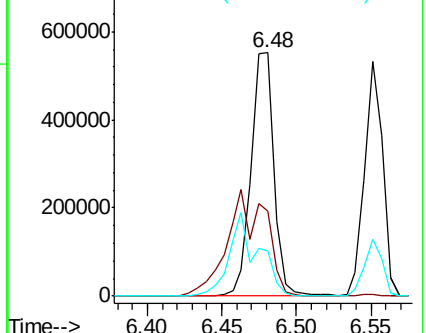
65 18.6 15.8 23.6

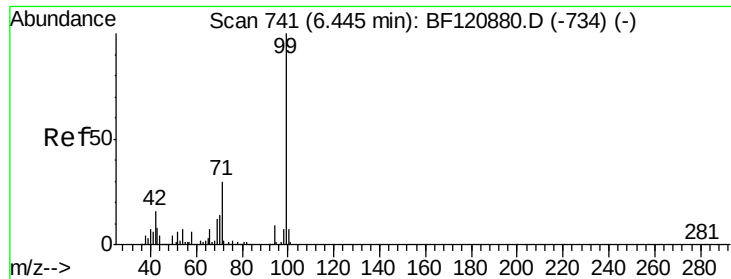


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.103 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

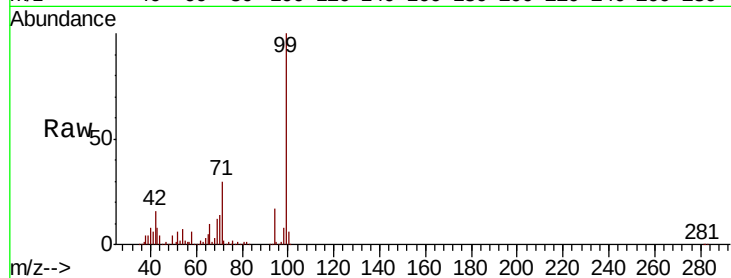
BNA\_F

ClientSampleId :

PB130249BS

Tot Ion: 99 Resp: 1202198

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.2  | 13.1  | 19.7  |
| 71  | 30.1  | 24.2  | 36.4  |

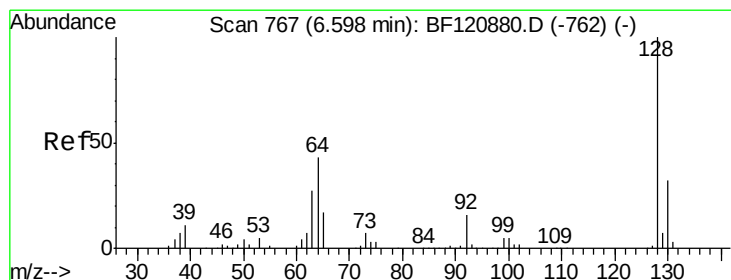
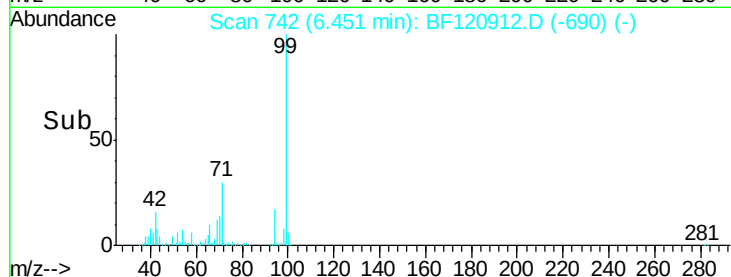
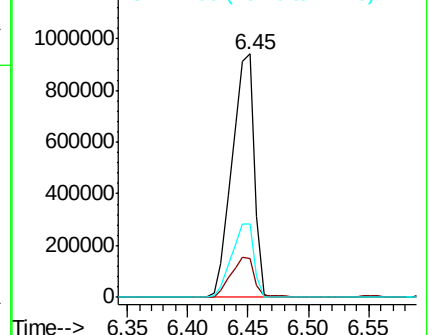


Abundance

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: 38.807 ng

RT: 6.60 min Scan# 767

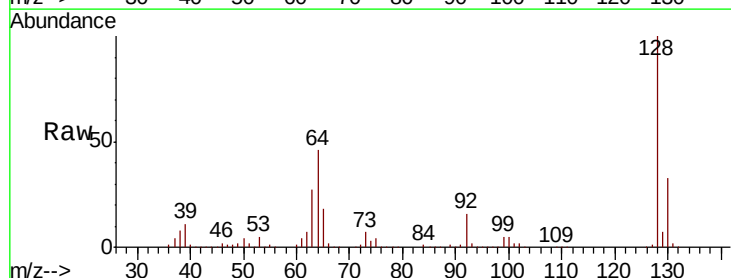
Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Tgt Ion: 128 Resp: 467519

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.9  | 12.1  | 52.1  |
| 64  | 45.6  | 24.0  | 64.0  |

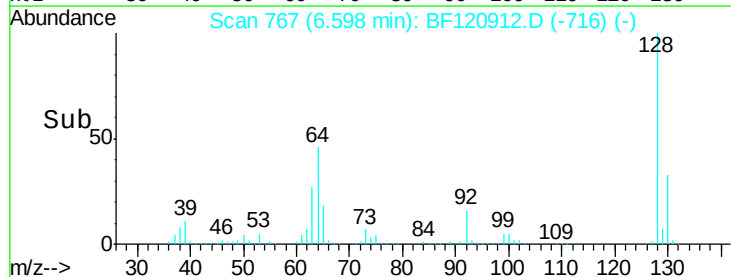
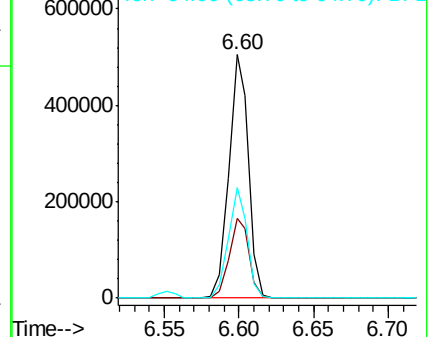


Abundance

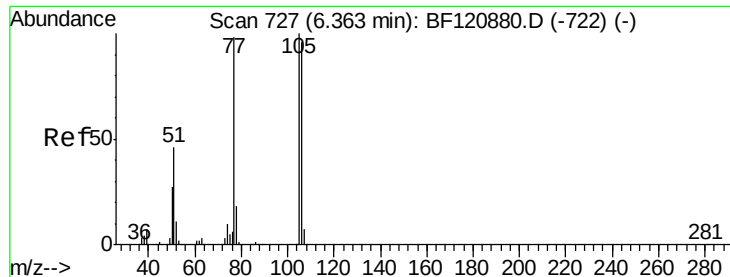
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 15.215 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

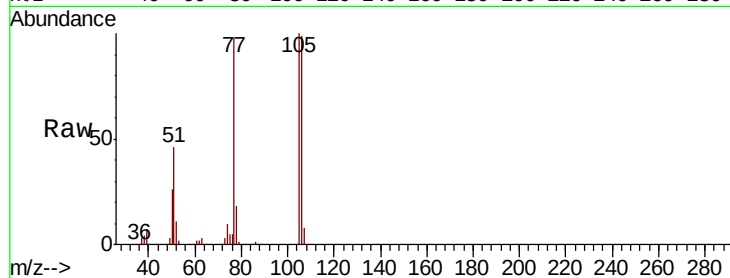
Tot Ion: 77 Resp: 127422

Ion Ratio Lower Upper

77 100

105 101.8 82.5 122.5

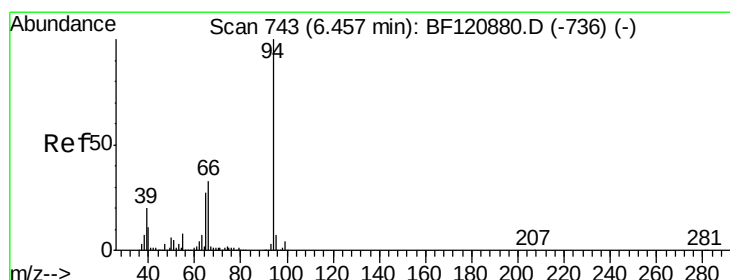
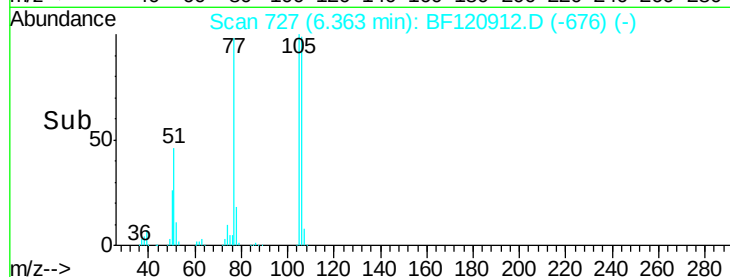
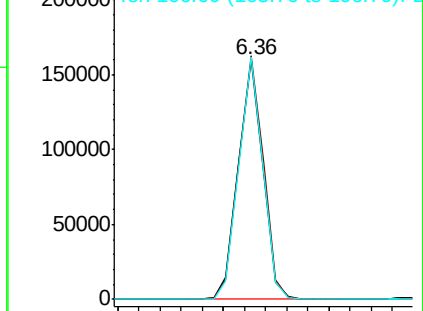
106 101.2 78.7 118.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.989 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

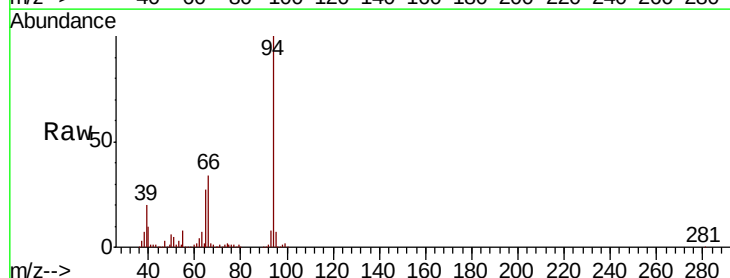
Tgt Ion: 94 Resp: 574781

Ion Ratio Lower Upper

94 100

65 26.9 6.6 46.6

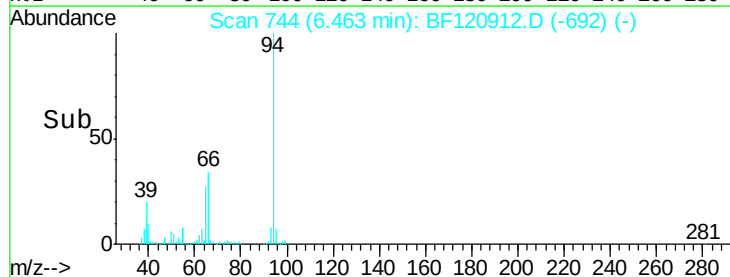
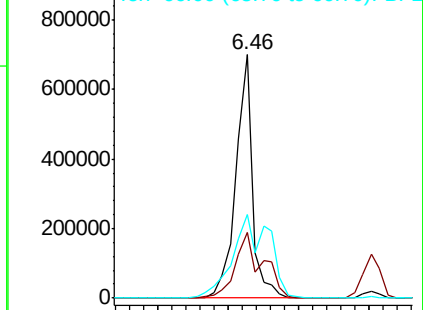
66 34.5 13.2 53.2



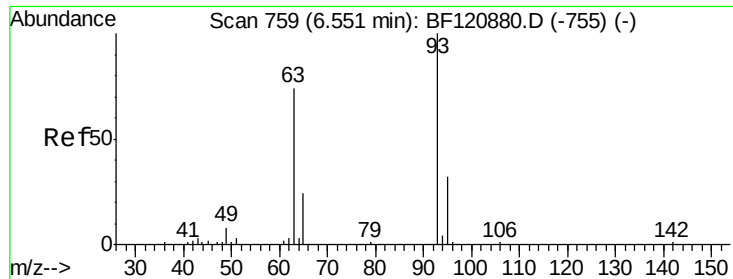
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



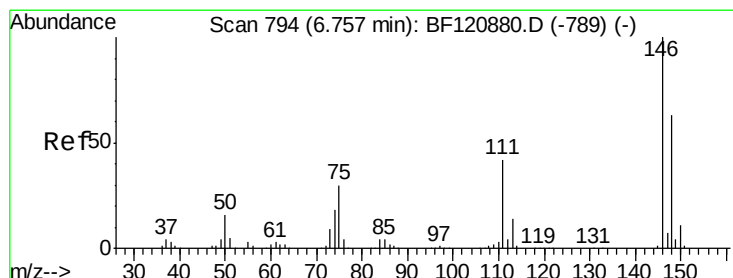
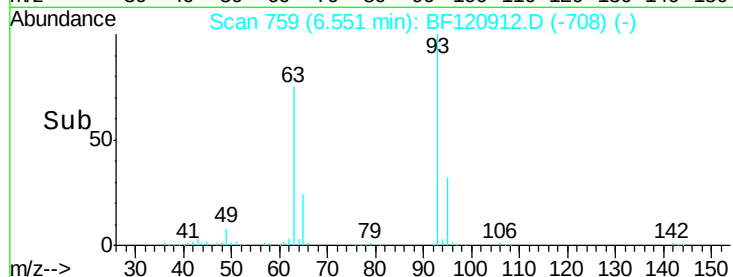
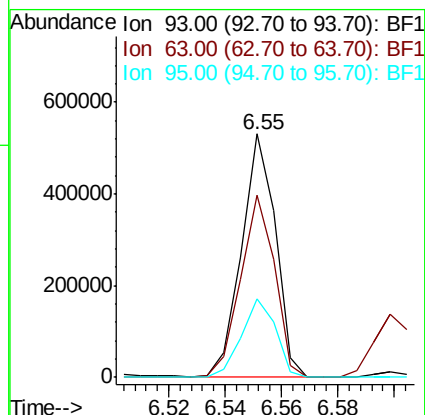
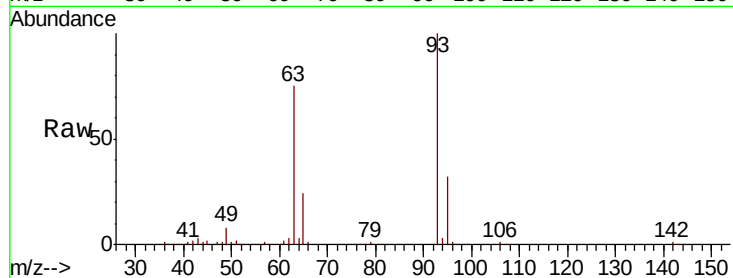




#11  
bis(2-Chloroethyl)ether  
Concen: 37.242 ng  
RT: 6.55 min Scan# 759  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

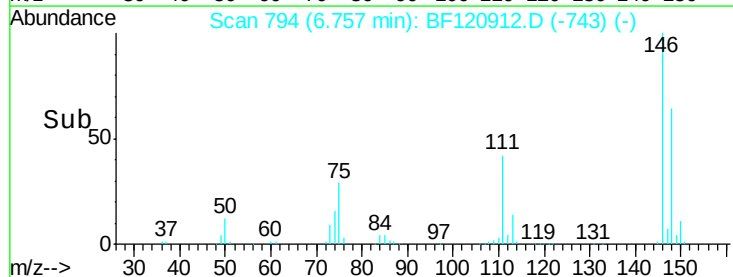
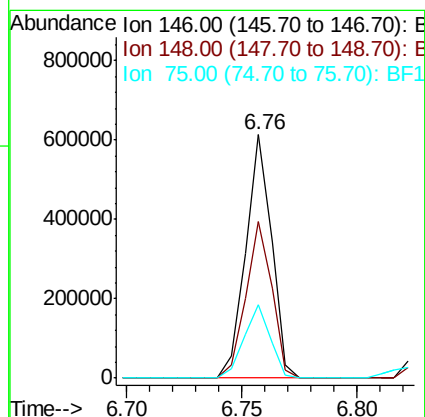
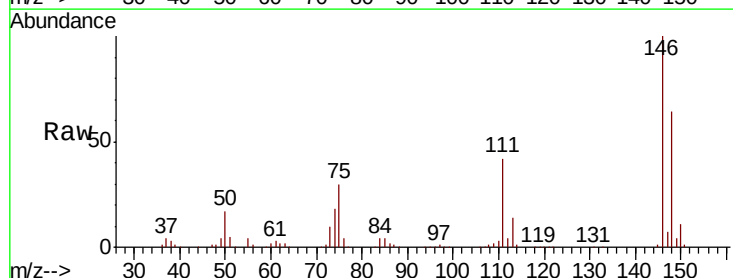
Instrument :  
BNA\_F  
ClientSampleId :  
PB130249BS

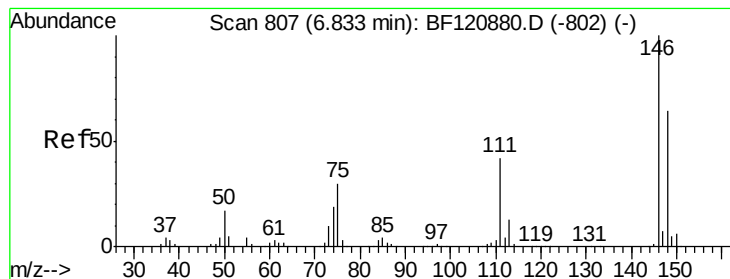
Tot Ion: 93 Resp: 443519  
Ion Ratio Lower Upper  
93 100  
63 74.8 54.2 94.2  
95 32.1 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 36.768 ng  
RT: 6.76 min Scan# 794  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

Tgt Ion: 146 Resp: 480323  
Ion Ratio Lower Upper  
146 100  
148 64.3 50.6 75.8  
75 30.3 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 37.789 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

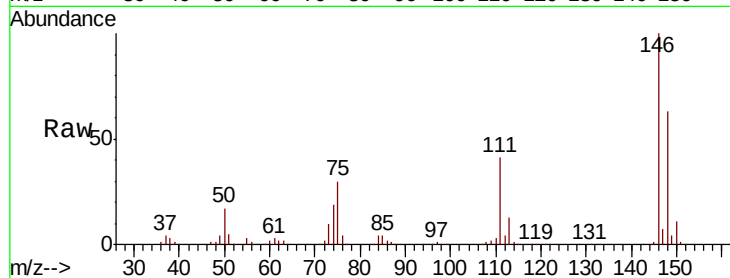
Tot Ion:146 Resp: 490880

Ion Ratio Lower Upper

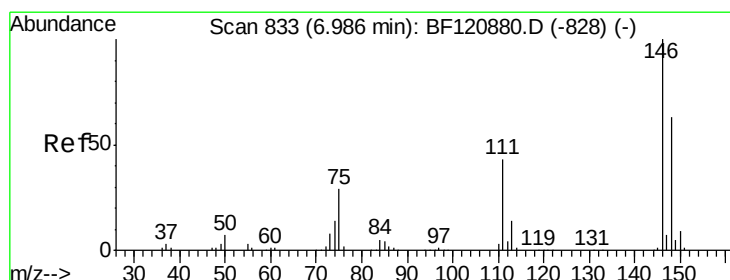
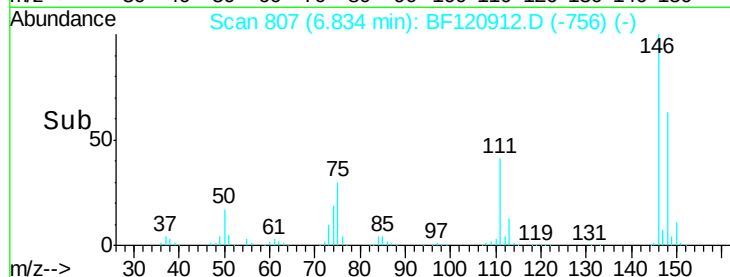
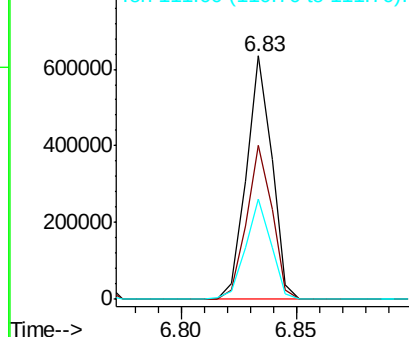
146 100

148 63.1 51.6 77.4

111 40.9 33.5 50.3



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



#14

1,2-Dichlorobenzene

Concen: 37.814 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

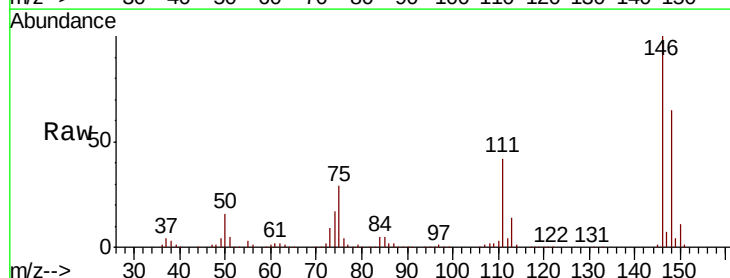
Tgt Ion:146 Resp: 464690

Ion Ratio Lower Upper

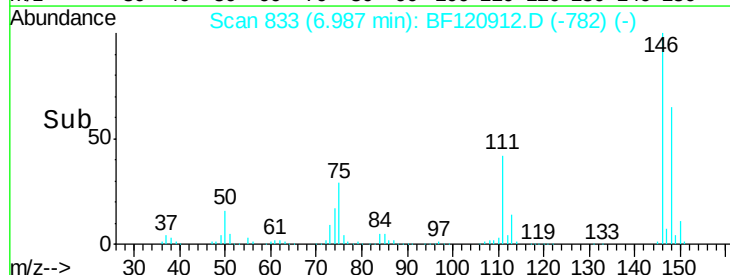
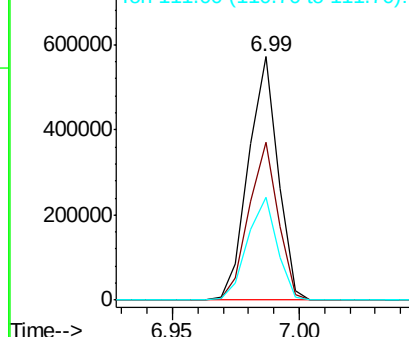
146 100

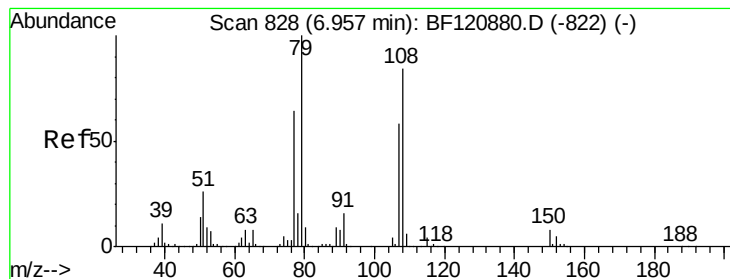
148 64.7 50.6 76.0

111 42.4 34.2 51.2



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





#15

Benzyl Alcohol

Concen: 35.779 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

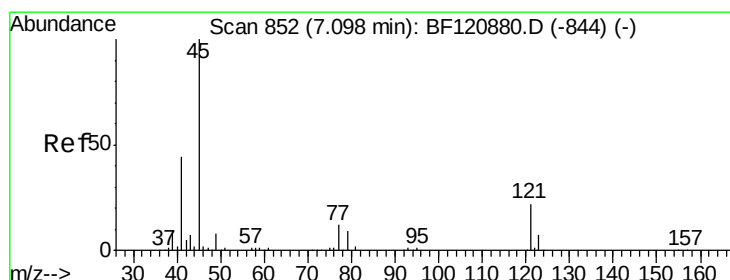
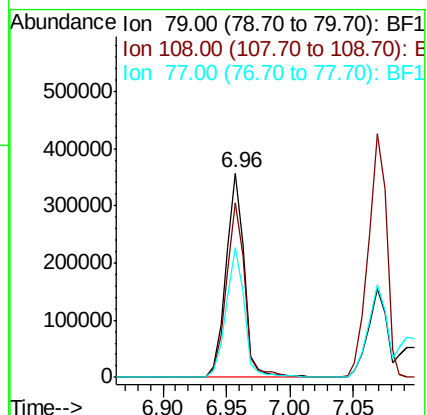
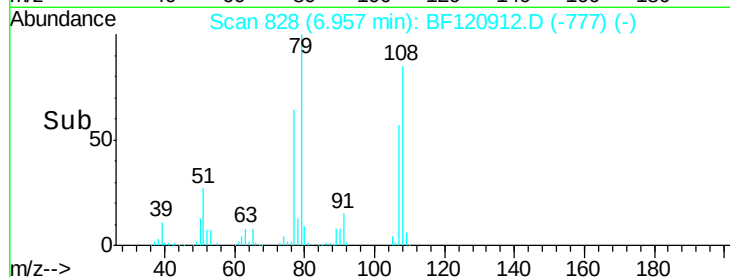
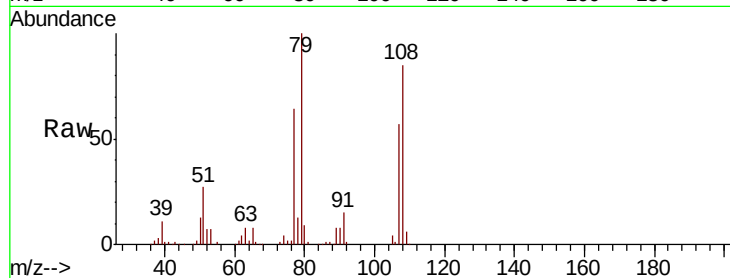
Tot Ion: 79 Resp: 357431

Ion Ratio Lower Upper

79 100

108 85.2 67.0 100.6

77 63.8 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.506 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

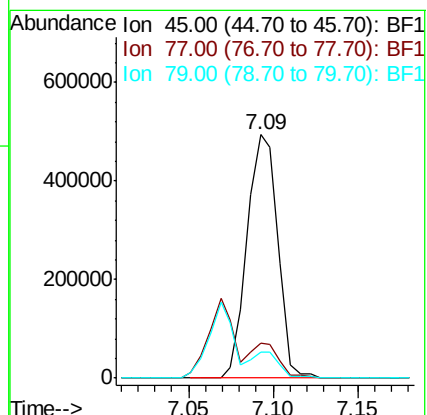
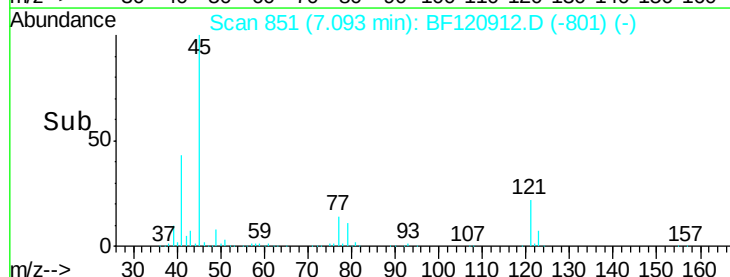
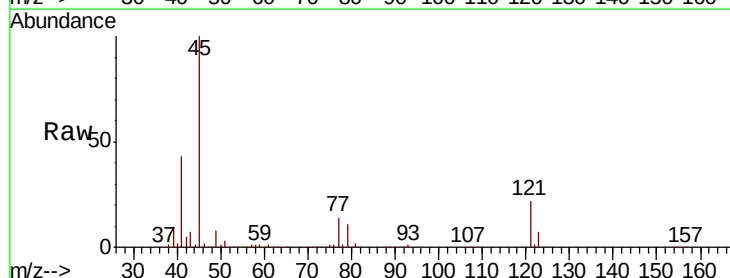
Tgt Ion: 45 Resp: 626637

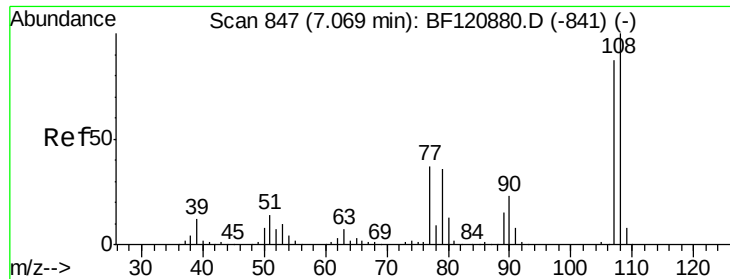
Ion Ratio Lower Upper

45 100

77 14.1 0.0 34.3

79 10.8 0.0 31.0

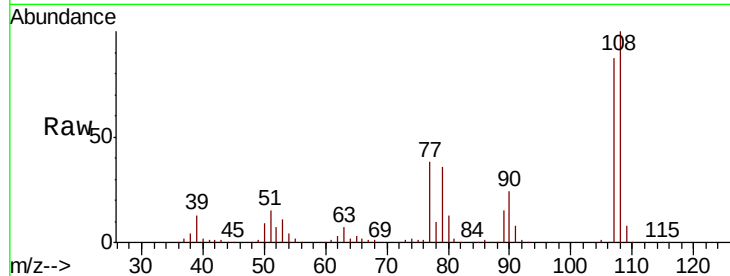




#17  
2-Methylphenol  
Concen: 33.915 ng  
RT: 7.07 min Scan# 847  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB130249BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 115.2 | 92.0  | 138.0 |
| 77      | 44.0  | 34.0  | 51.0  |
| 79      | 41.8  | 33.3  | 49.9  |



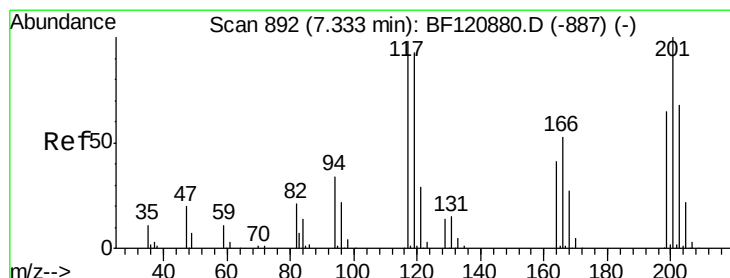
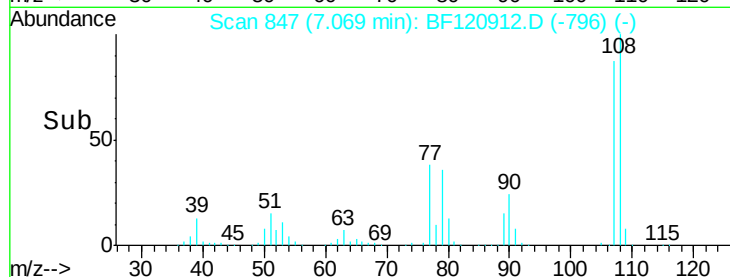
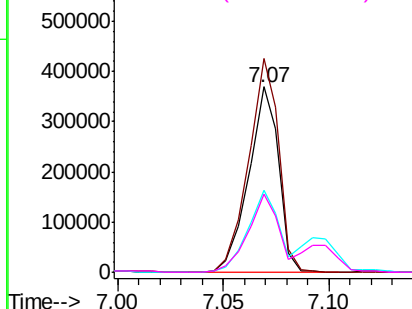
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

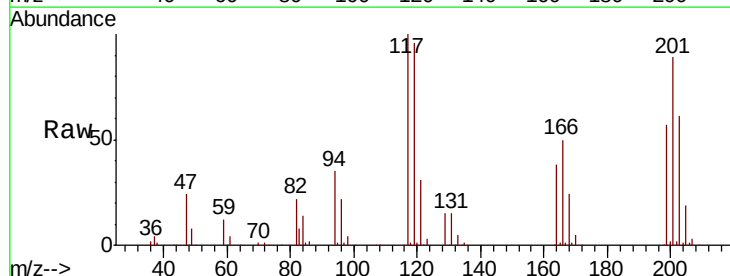
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 39.228 ng  
RT: 7.33 min Scan# 891  
Delta R.T. -0.01 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.4  | 76.0  | 114.0 |
| 201     | 89.1  | 81.7  | 122.5 |

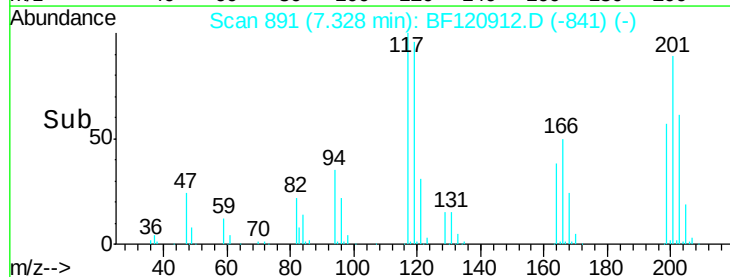
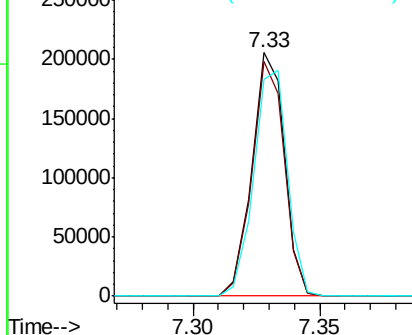


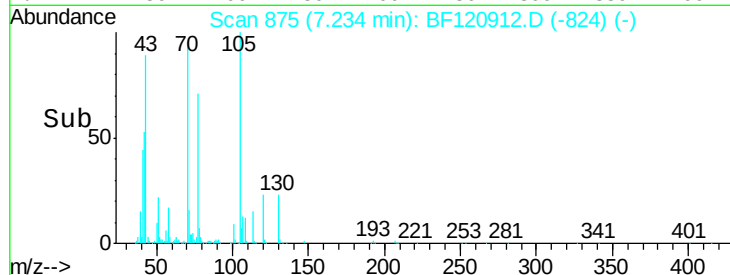
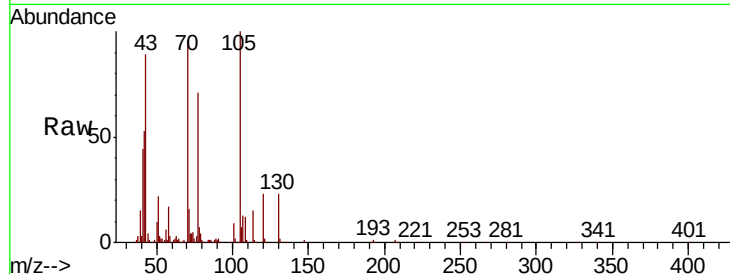
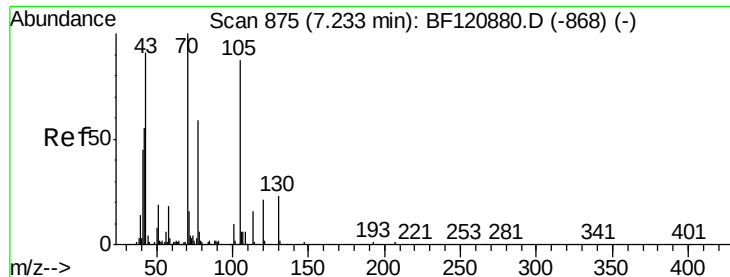
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

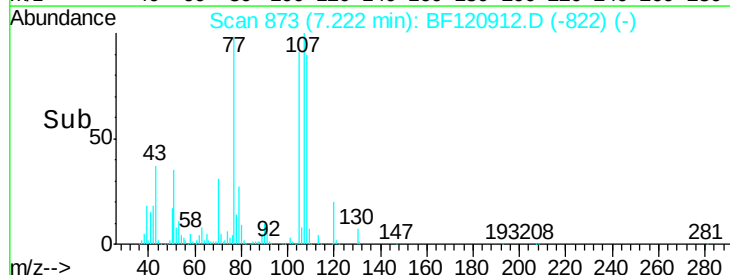
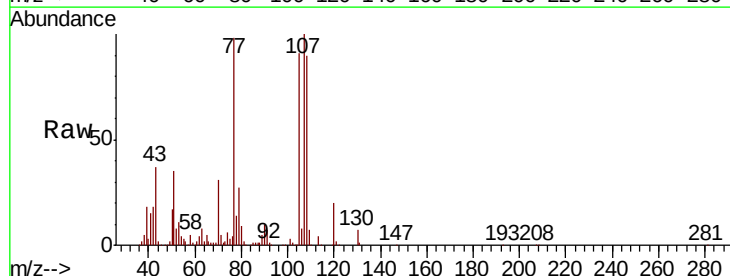
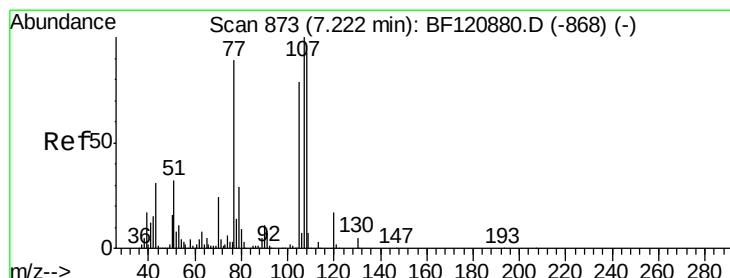
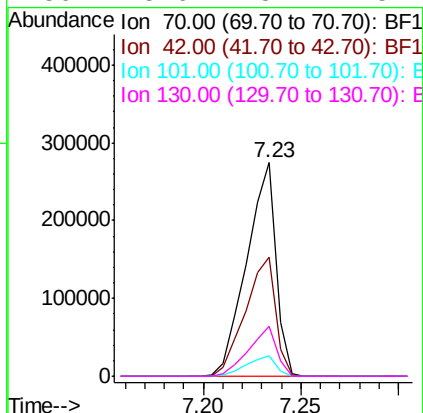




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.524 ng  
RT: 7.23 min Scan# 875  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

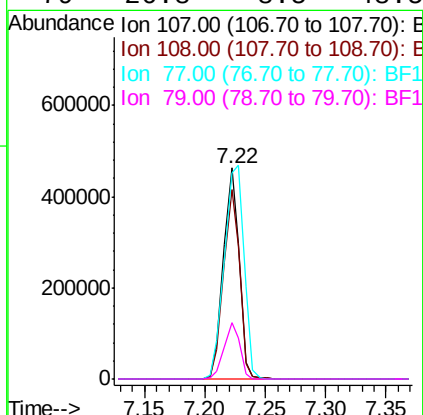
Instrument :  
BNA\_F  
ClientSampleId :  
PB130249BS

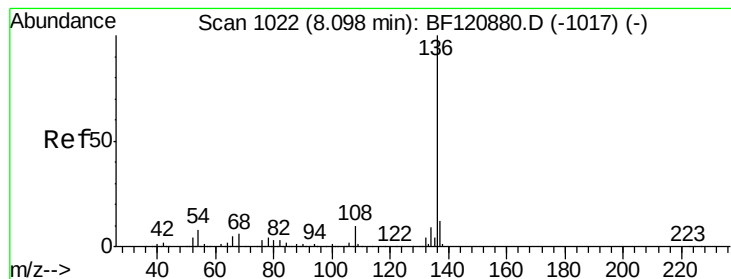
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 285357 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 55.5  | 44.0  | 66.0   |
| 101      | 9.6   | 7.8   | 11.6   |
| 130      | 23.6  | 18.7  | 28.1   |



#20  
3+4-Methylphenols  
Concen: 30.972 ng  
RT: 7.22 min Scan# 873  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 420694 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.9  | 72.8  | 112.8  |
| 77       | 97.8  | 68.7  | 108.7  |
| 79       | 26.8  | 8.5   | 48.5   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

Tot Ion:136 Resp: 659116

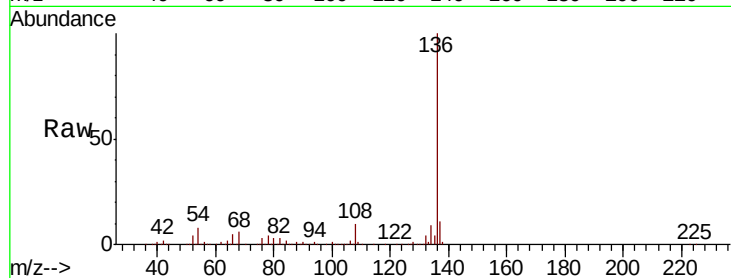
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.7 6.3 9.5

68 6.2 5.0 7.4

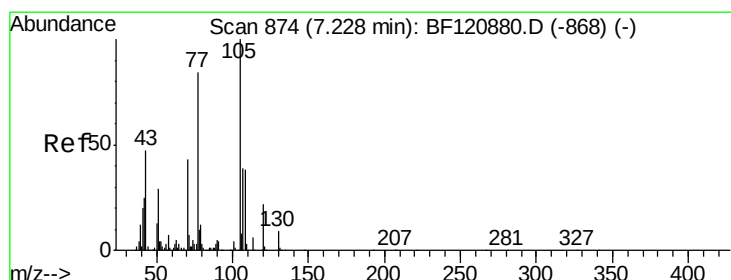
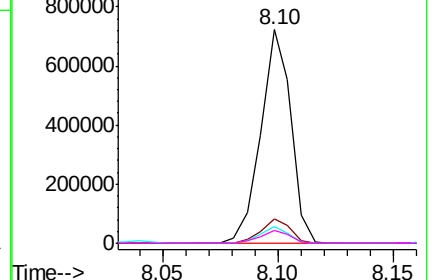
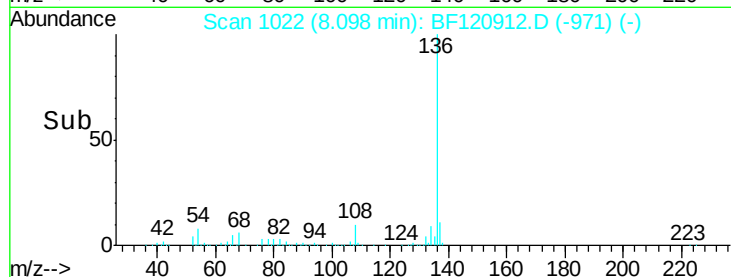


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.792 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Tgt Ion:105 Resp: 559039

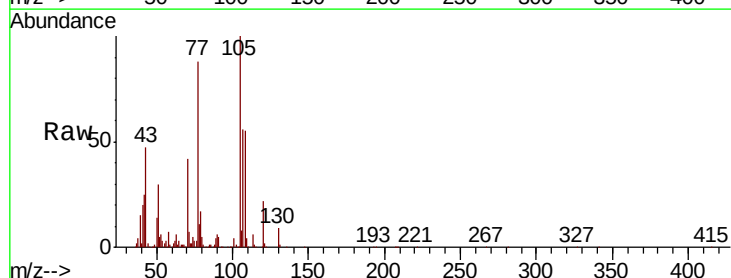
Ion Ratio Lower Upper

105 100

71 6.9 5.7 8.5

51 30.4 22.9 34.3

120 22.1 18.0 27.0

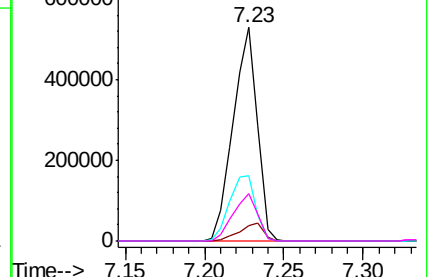
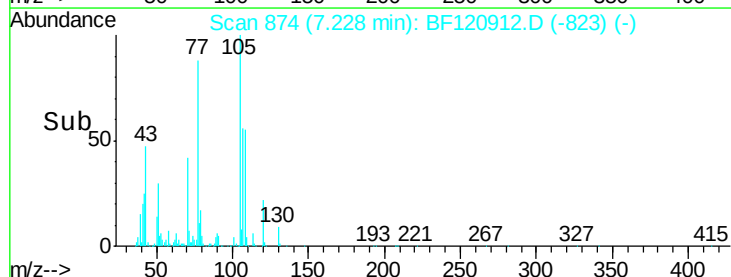


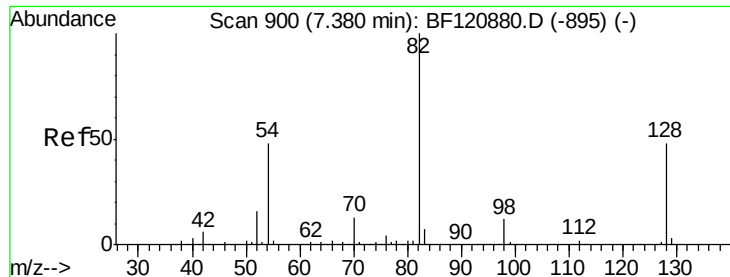
Abundance Ion 105.00 (104.70 to 105.70): E

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

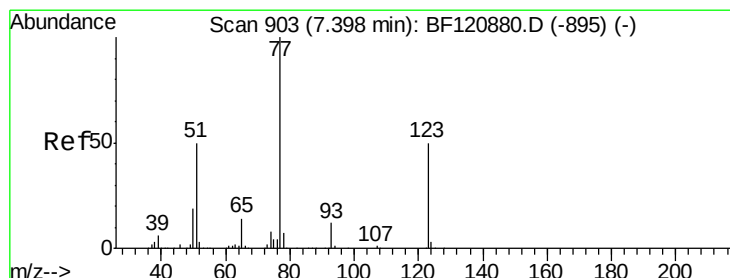
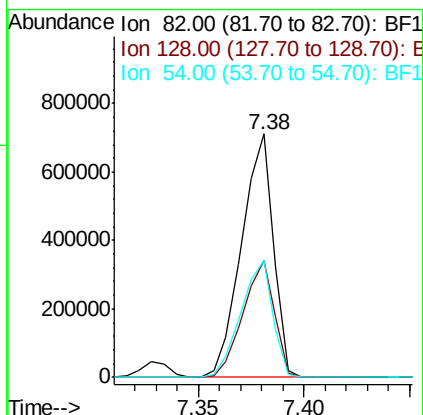
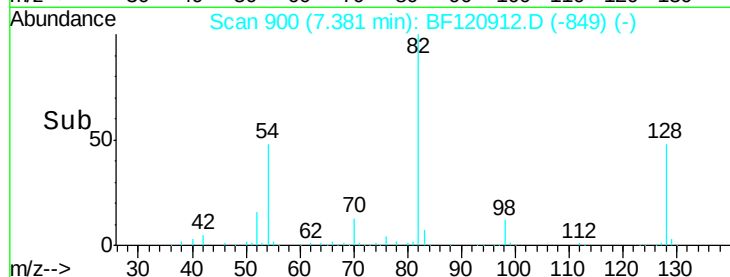
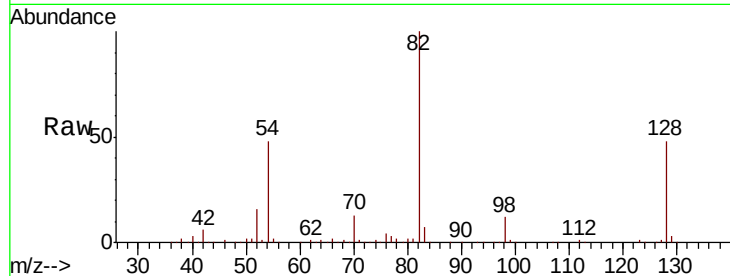




#23  
Nitrobenzene-d5  
Concen: 65.223 ng  
RT: 7.38 min Scan# 900  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

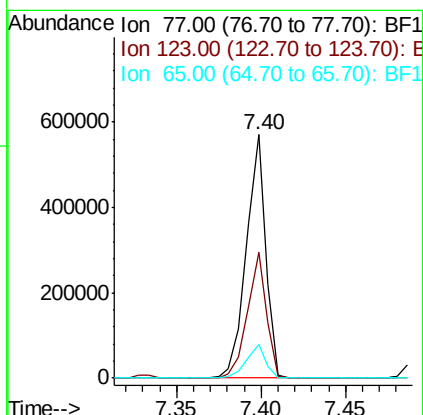
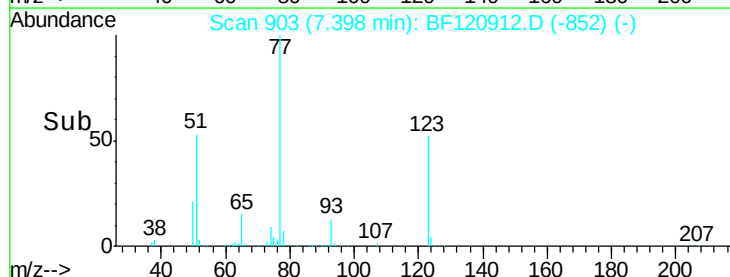
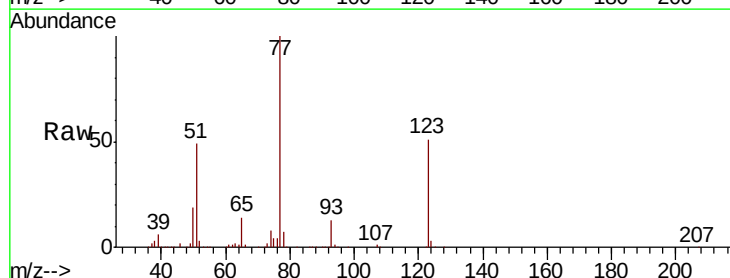
Instrument :  
BNA\_F  
ClientSampleId :  
PB130249BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.9  | 38.2  | 57.4  |
| 54      | 48.0  | 38.7  | 58.1  |

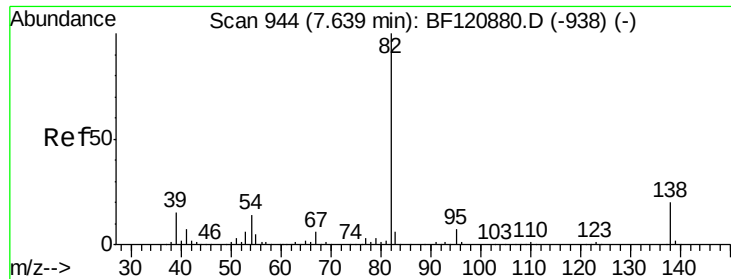


#24  
Nitrobenzene  
Concen: 37.644 ng  
RT: 7.40 min Scan# 903  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 51.4  | 40.1  | 60.1  |
| 65      | 13.6  | 10.8  | 16.2  |







#25

Isophorone

Concen: 36.169 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

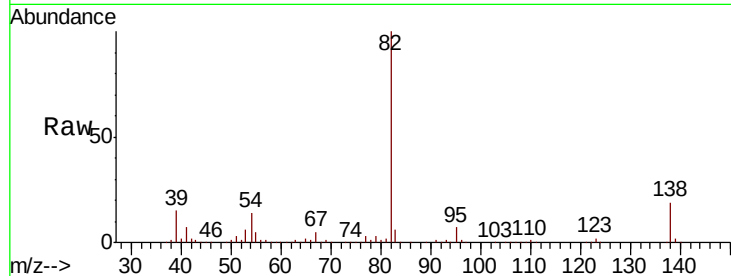
Tot Ion: 82 Resp: 822250

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

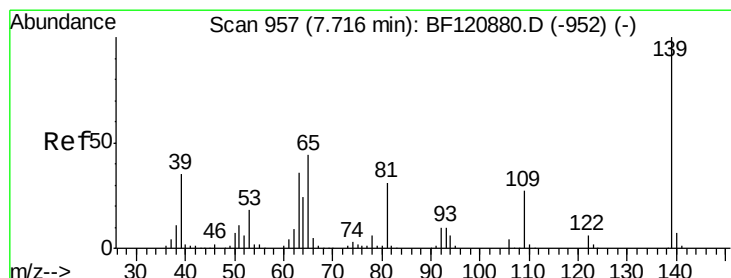
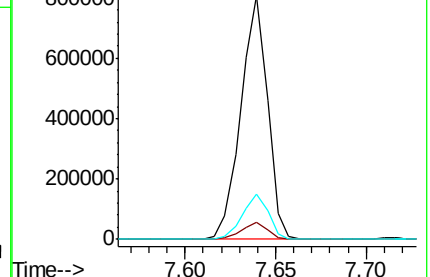
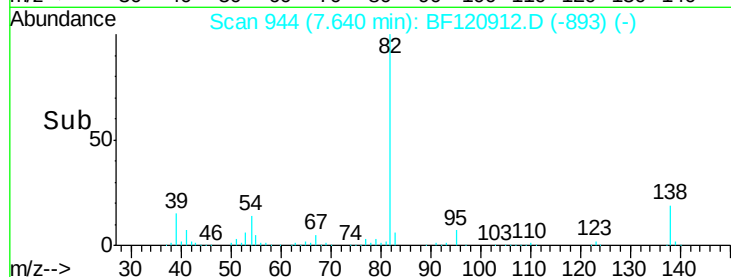
138 18.7 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.252 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

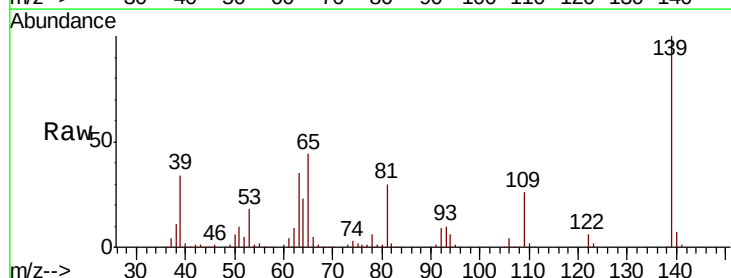
Tgt Ion: 139 Resp: 240534

Ion Ratio Lower Upper

139 100

109 26.0 21.6 32.4

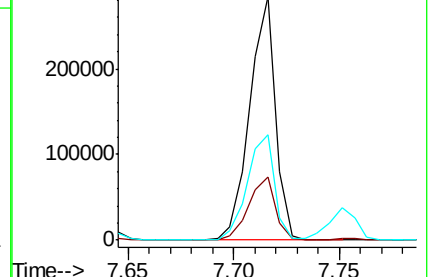
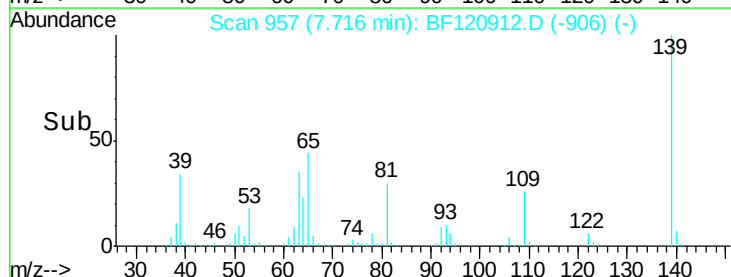
65 43.5 35.3 52.9

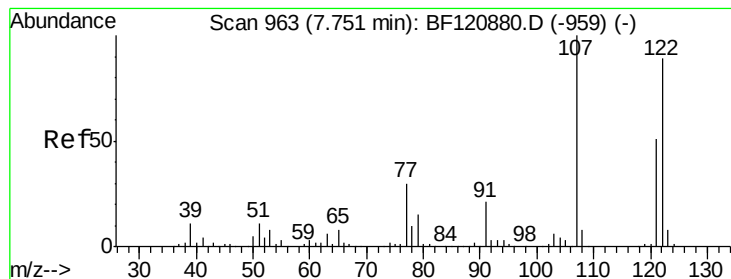


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.713 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

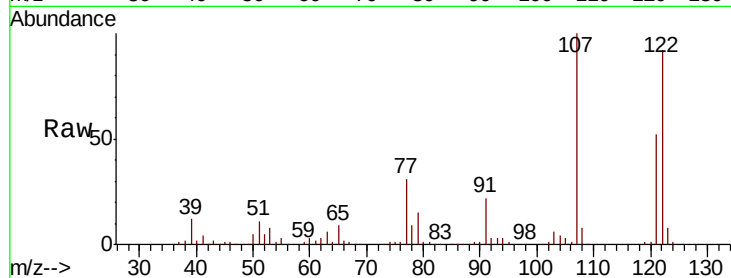
Tot Ion:122 Resp: 375960

Ion Ratio Lower Upper

122 100

107 109.1 89.4 134.0

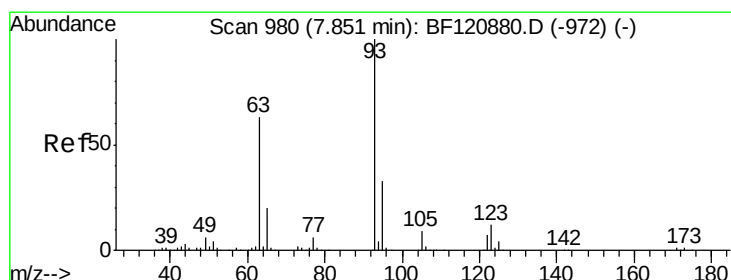
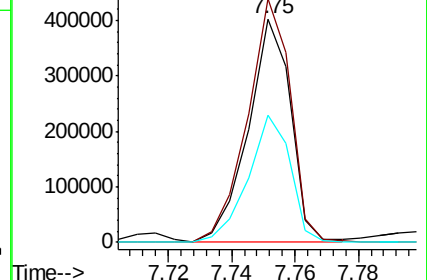
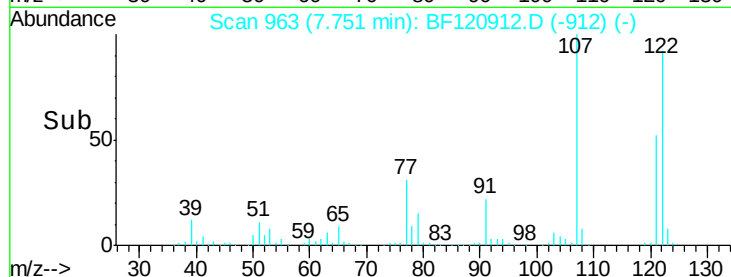
121 56.9 46.0 69.0



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: 38.226 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

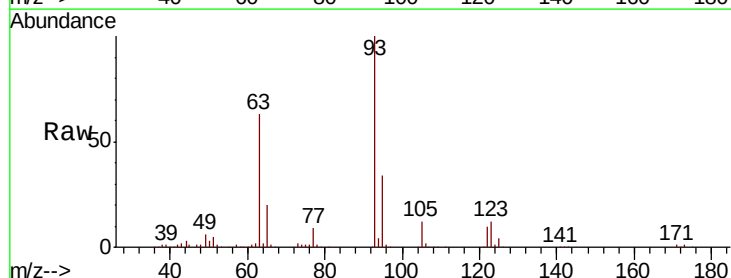
Tgt Ion: 93 Resp: 530471

Ion Ratio Lower Upper

93 100

95 33.7 26.6 39.8

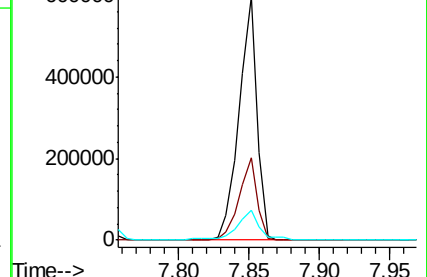
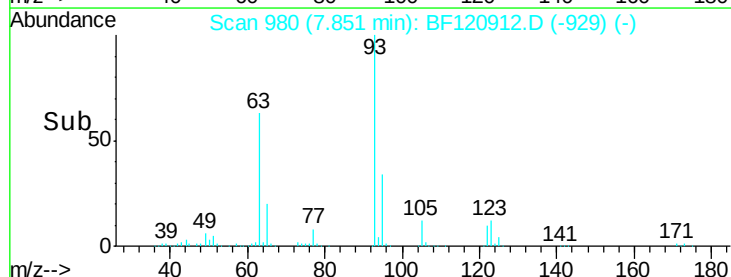
123 12.1 10.0 15.0

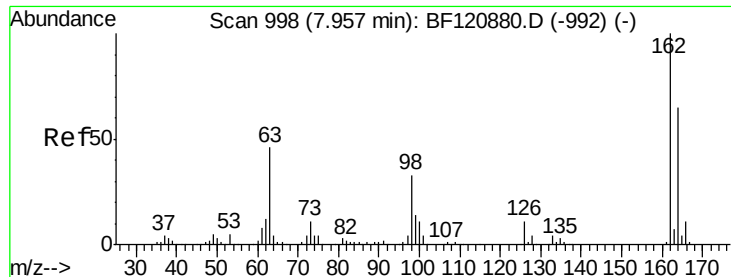


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

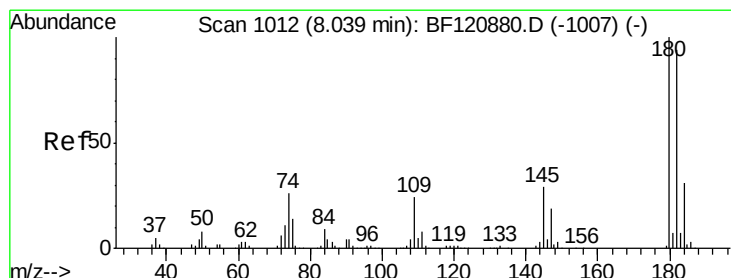
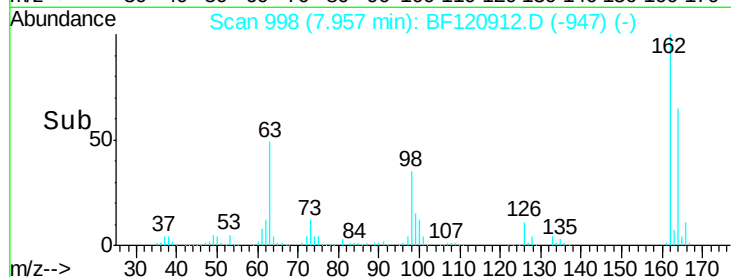
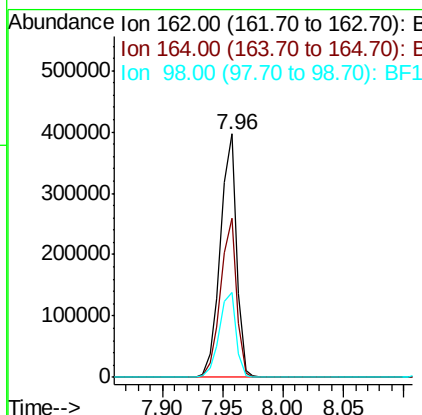
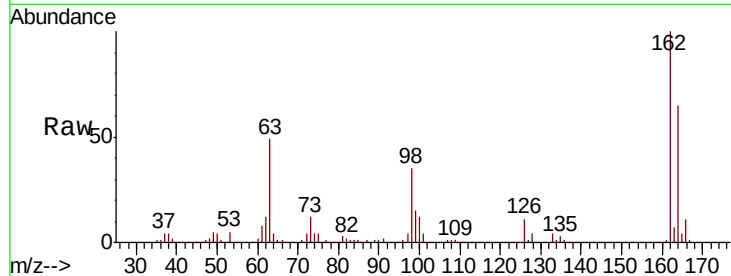




#29  
2,4-Dichlorophenol  
Concen: 38.093 ng  
RT: 7.96 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

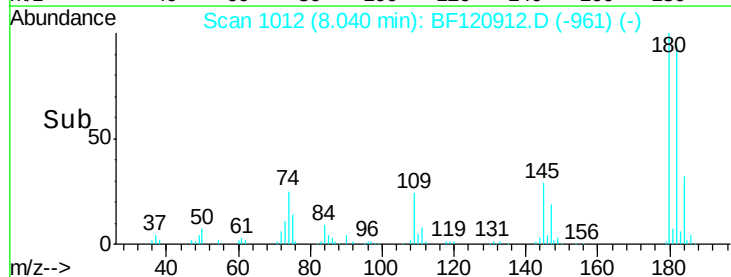
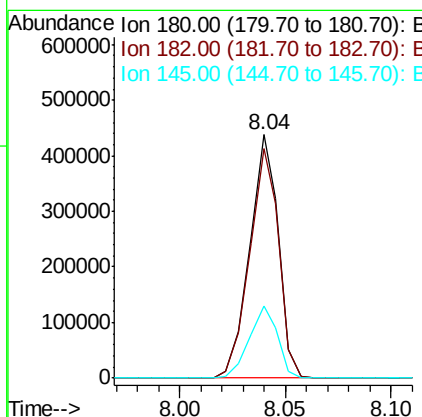
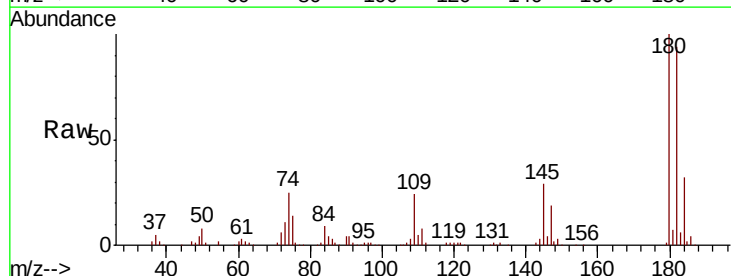
Instrument :  
BNA\_F  
ClientSampleId :  
PB130249BS

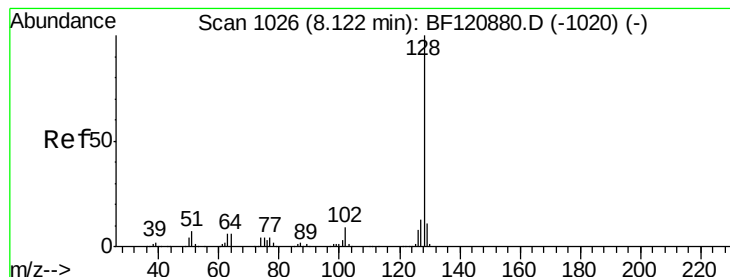
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.3  | 45.3  | 85.3  |
| 98      | 34.8  | 13.3  | 53.3  |



#30  
1,2,4-Trichlorobenzene  
Concen: 38.374 ng  
RT: 8.04 min Scan# 1012  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.0  | 75.0  | 112.6 |
| 145     | 29.5  | 23.5  | 35.3  |





#31

Naphthalene

Concen: 37.465 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

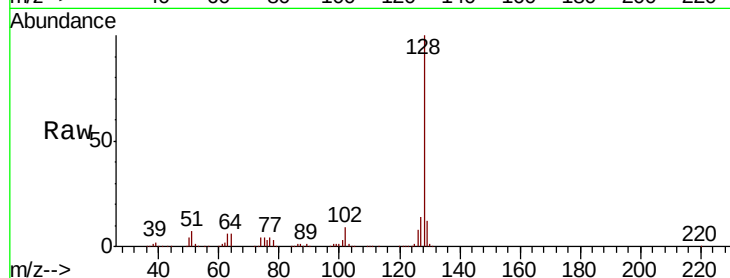
Tot Ion:128 Resp: 1266665

Ion Ratio Lower Upper

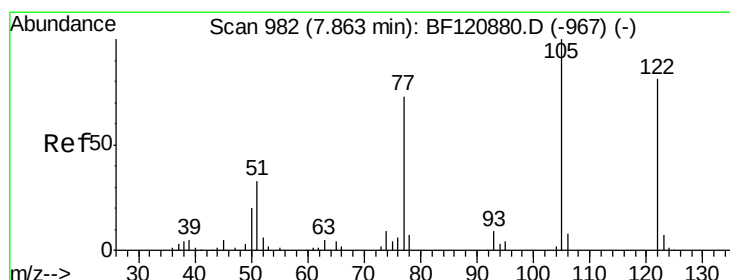
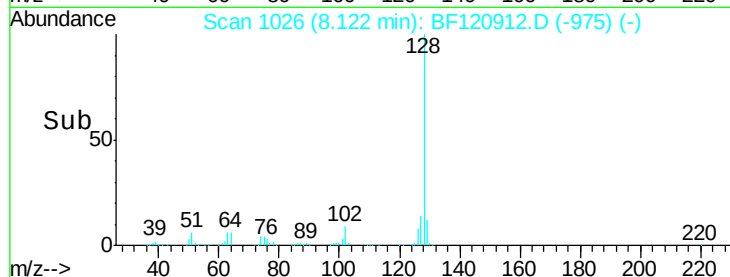
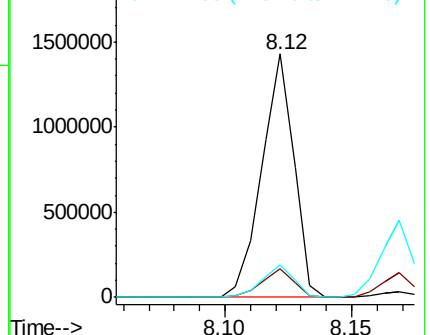
128 100

129 11.7 9.1 13.7

127 13.5 10.7 16.1



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: 39.087 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

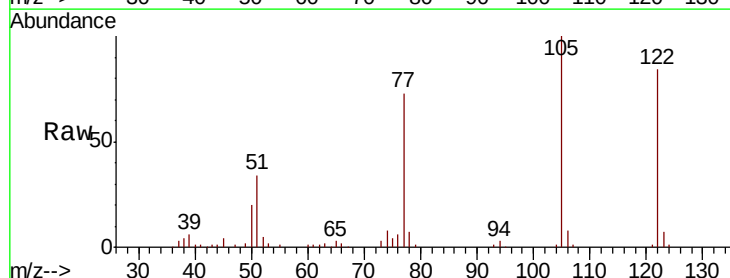
Tgt Ion:122 Resp: 277776

Ion Ratio Lower Upper

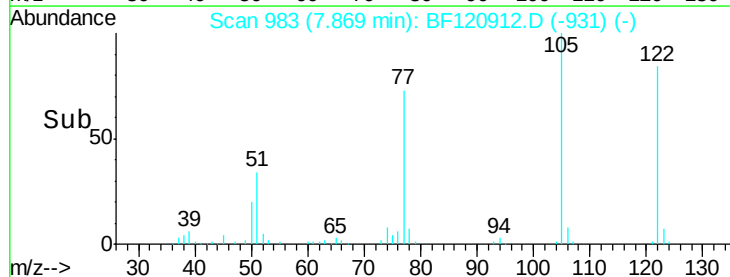
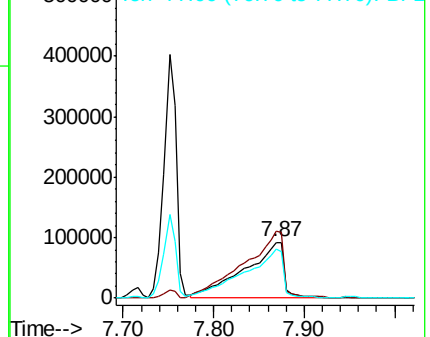
122 100

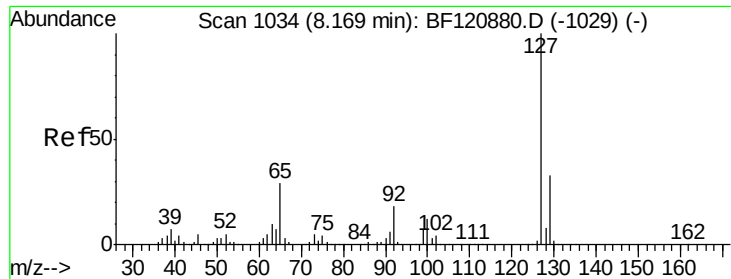
105 118.9 101.3 141.3

77 86.9 69.1 109.1



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

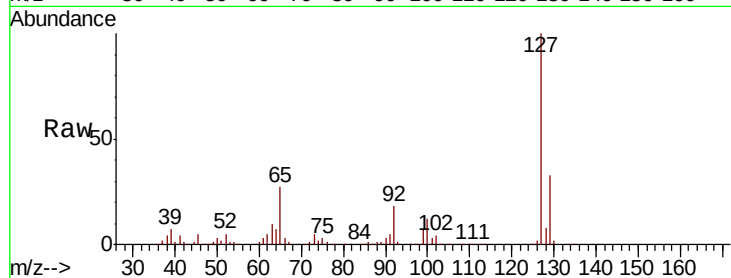




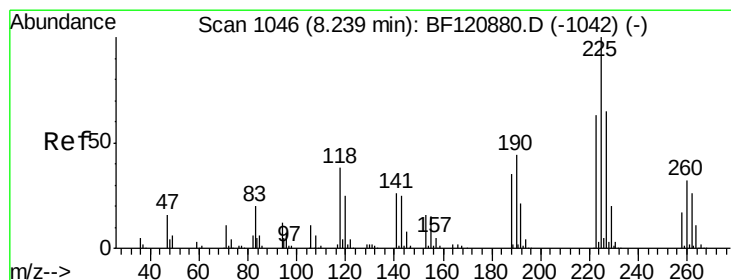
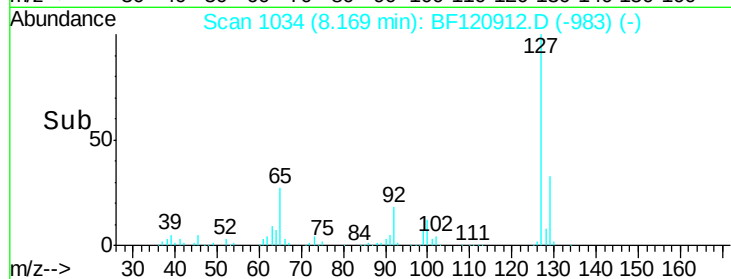
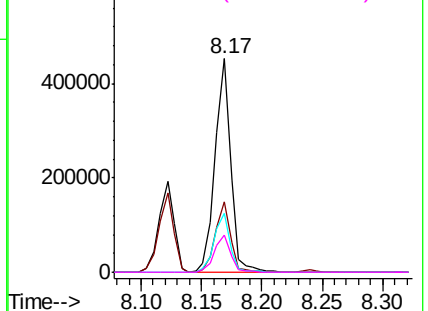
#33  
4-Chloroaniline  
Concen: 26.675 ng  
RT: 8.17 min Scan# 1034  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB130249BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 402315 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 26.5  | 39.7   |
| 65       | 27.4  | 23.0  | 34.4   |
| 92       | 17.6  | 14.5  | 21.7   |

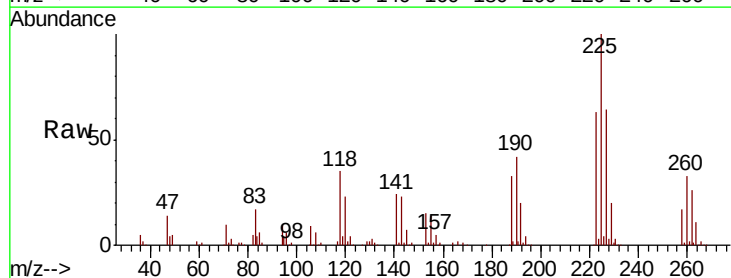


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

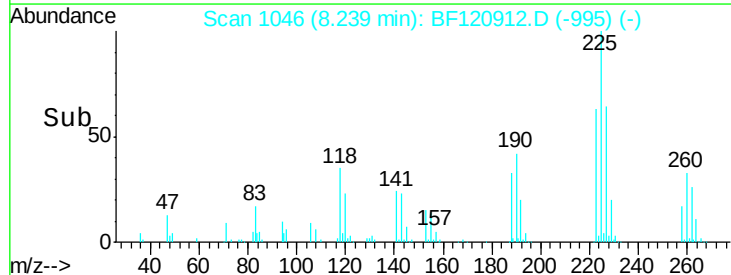
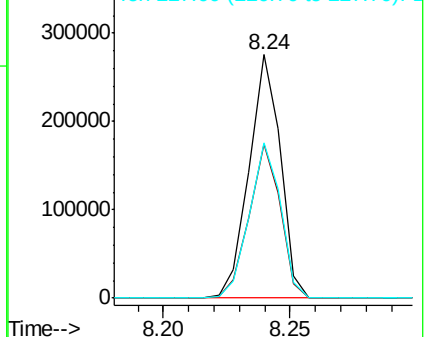


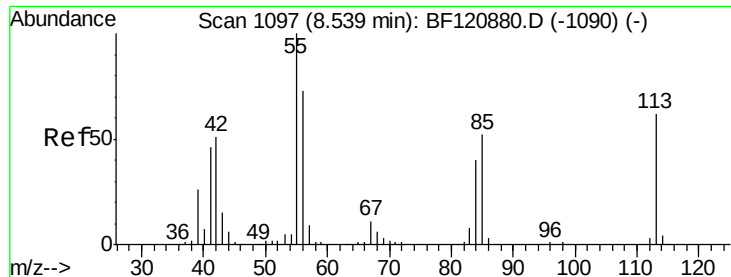
#34  
Hexachlorobutadiene  
Concen: 37.487 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 237181 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.4  | 50.6  | 76.0   |
| 227      | 63.8  | 52.2  | 78.2   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

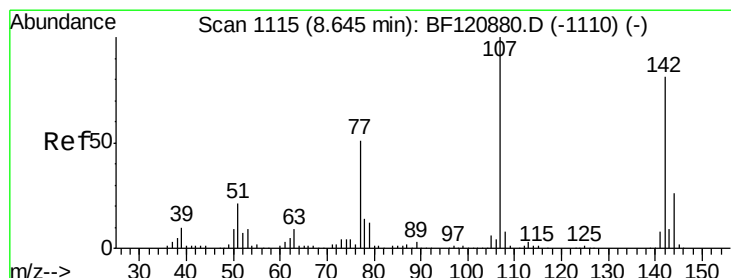
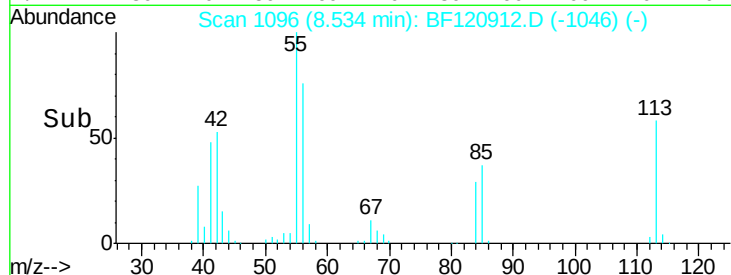
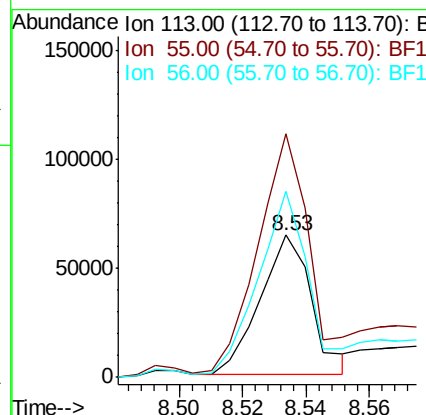
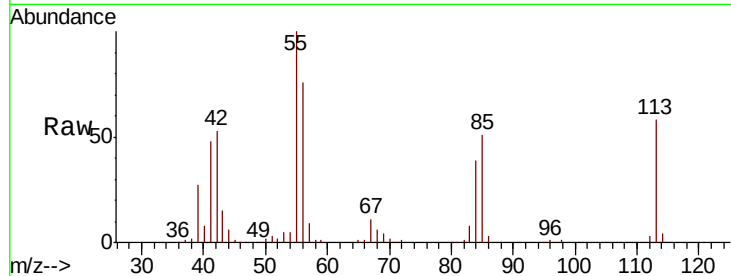




#35  
 Caprolactam  
 Concen: 23.431 ng  
 RT: 8.53 min Scan# 1096  
 Delta R.T. -0.01 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

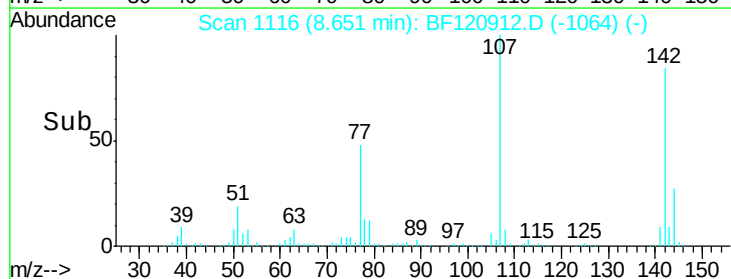
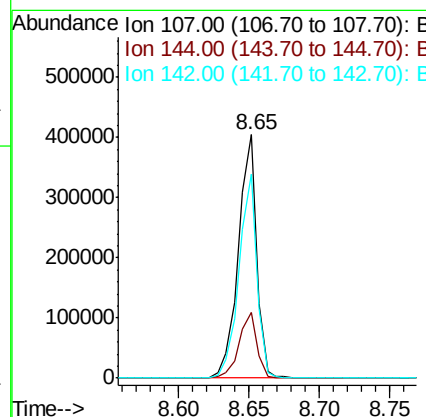
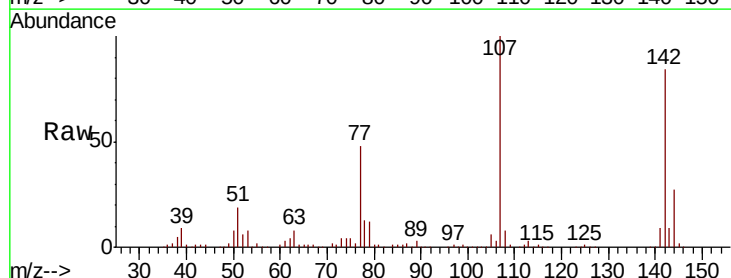
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130249BS

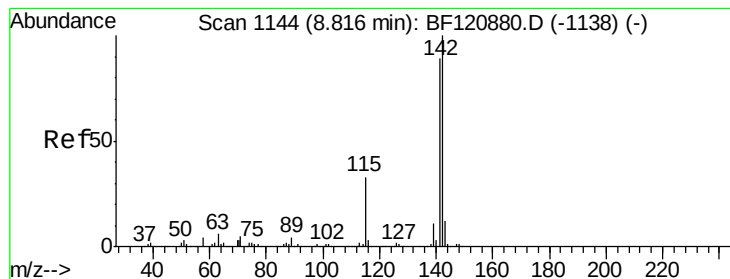
Tot Ion:113 Resp: 72690  
 Ion Ratio Lower Upper  
 113 100  
 55 171.6 143.3 183.3  
 56 130.7 99.4 139.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 36.814 ng  
 RT: 8.65 min Scan# 1116  
 Delta R.T. 0.01 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

Tgt Ion:107 Resp: 365247  
 Ion Ratio Lower Upper  
 107 100  
 144 26.9 21.0 31.6  
 142 83.8 65.0 97.6





#37

2-Methylnaphthalene

Concen: 38.238 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

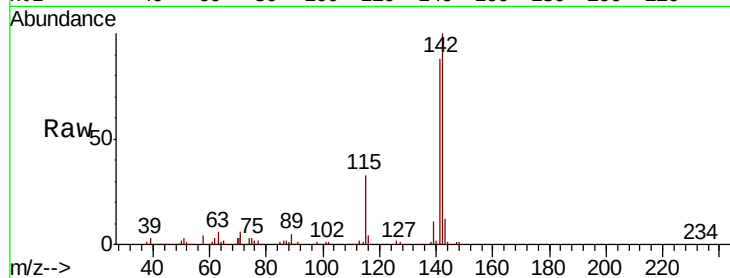
Tot Ion:142 Resp: 839420

Ion Ratio Lower Upper

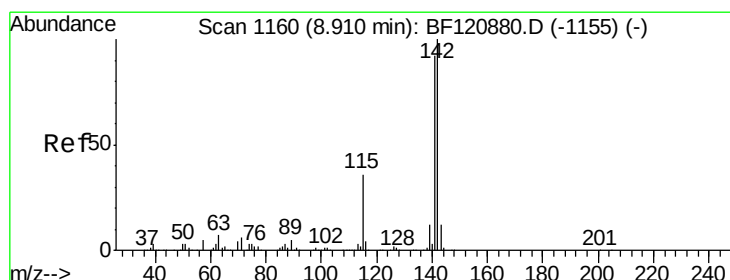
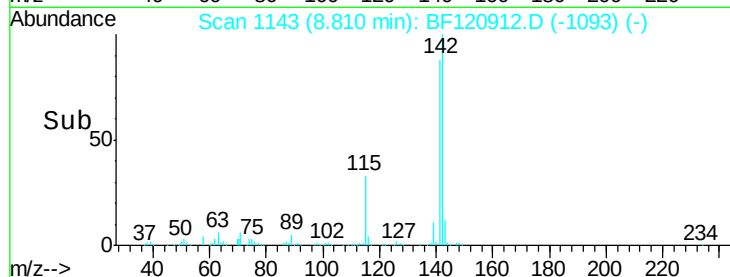
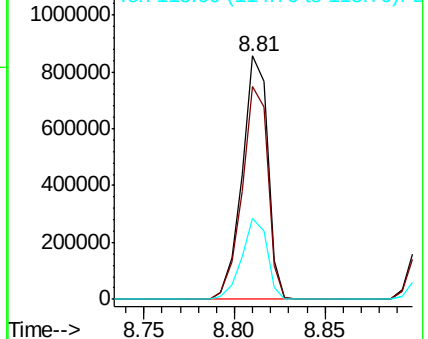
142 100

141 87.6 71.0 106.4

115 33.4 26.0 39.0



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: 37.989 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

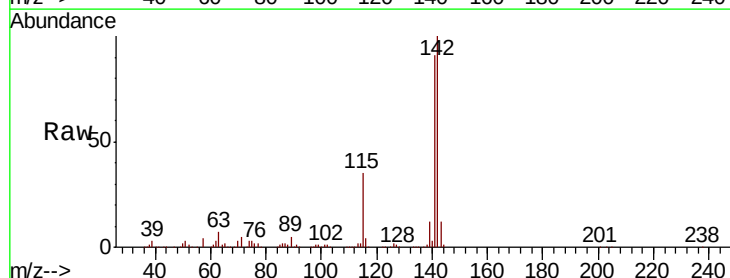
Tgt Ion:142 Resp: 789851

Ion Ratio Lower Upper

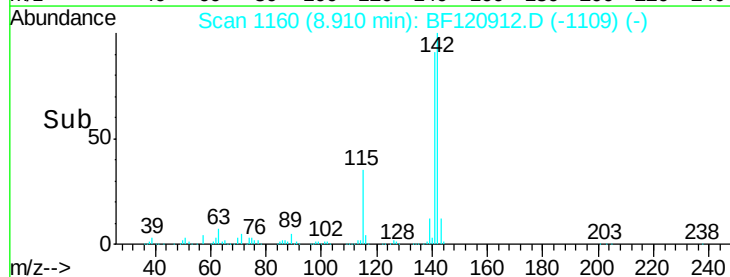
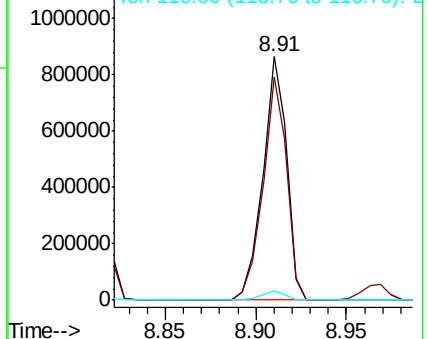
142 100

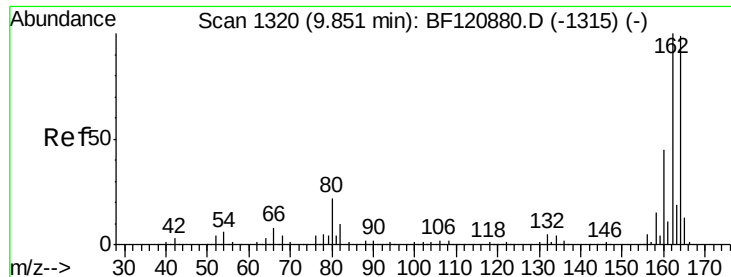
141 91.4 73.7 110.5

116 3.6 3.0 4.6



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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

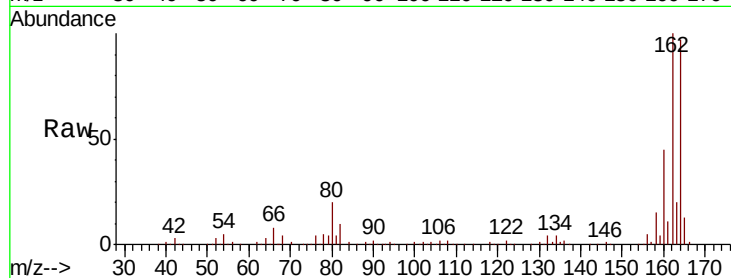
Tot Ion:164 Resp: 320187

Ion Ratio Lower Upper

164 100

162 103.1 81.2 121.8

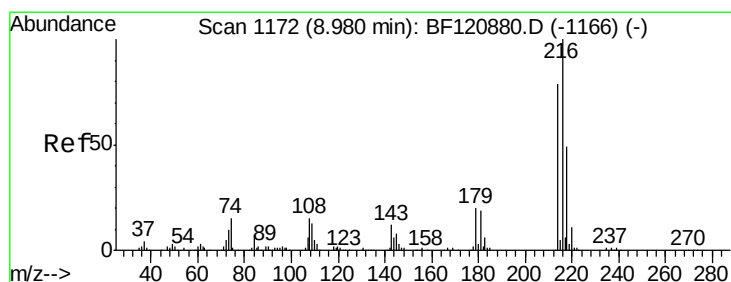
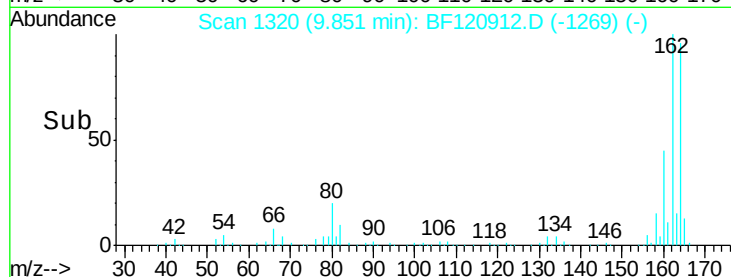
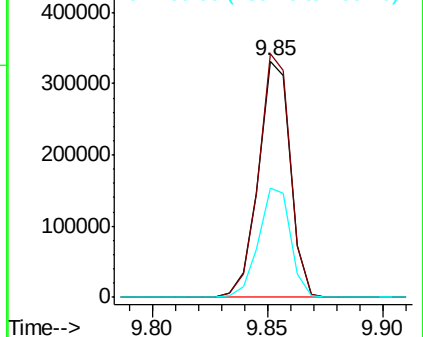
160 46.1 36.9 55.3



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: 38.782 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Tgt Ion:216 Resp: 361792

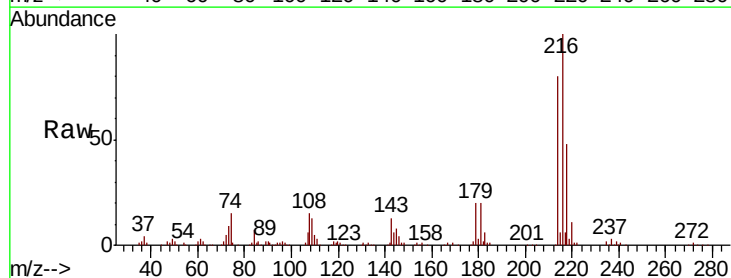
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.8

179 20.4 16.6 24.8

108 20.6 15.4 23.0

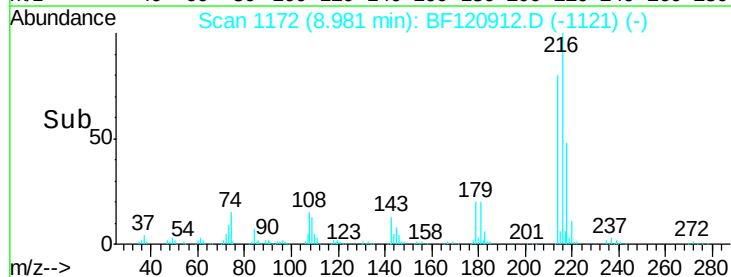
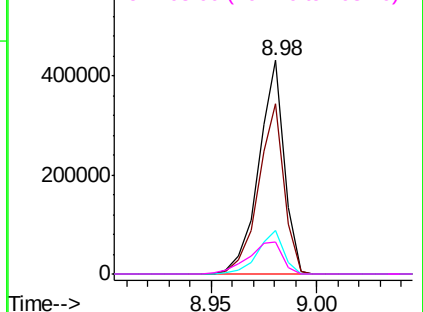


Abundance Ion 216.00 (215.70 to 216.70): E

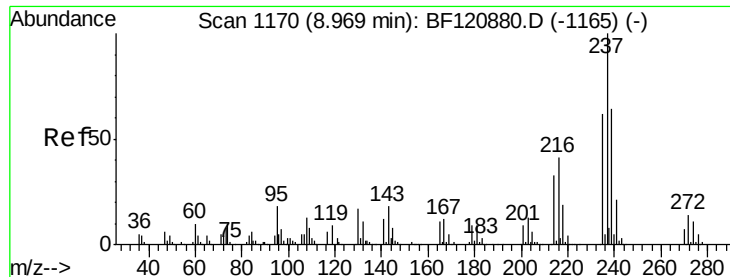
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



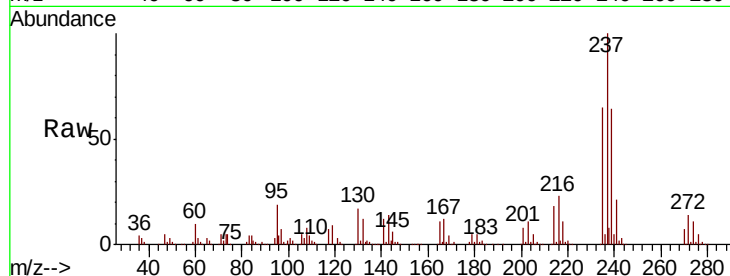




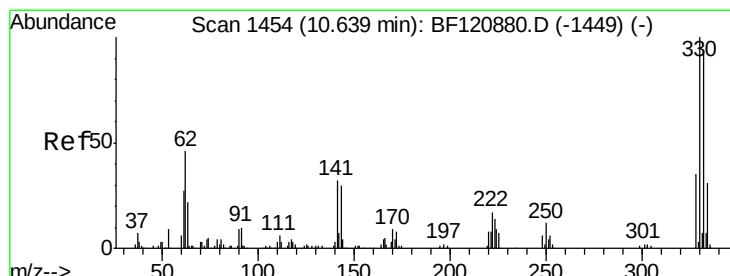
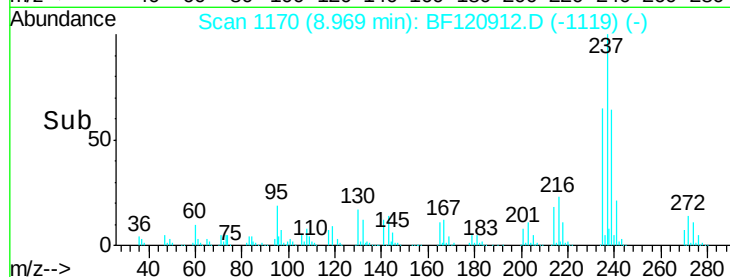
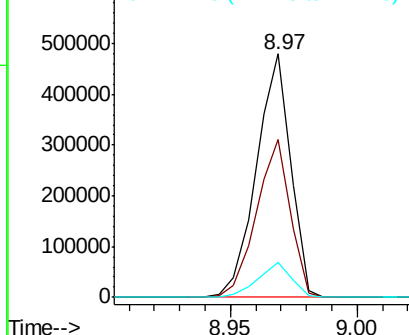
#41  
Hexachlorocyclopentadiene  
Concen: 86.921 ng  
RT: 8.97 min Scan# 1170  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB130249BS

Tot Ion: 237 Resp: 448152  
Ion Ratio Lower Upper  
237 100  
235 64.6 41.6 81.6  
272 14.4 0.0 33.7

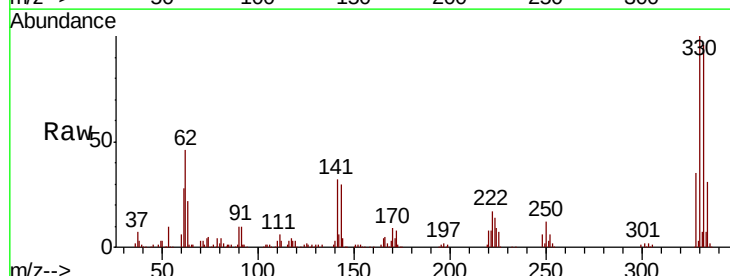


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

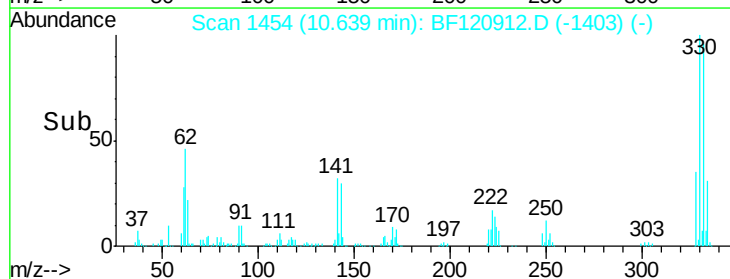
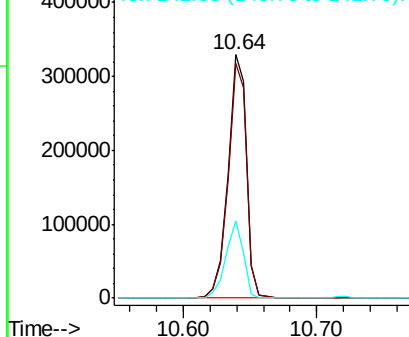


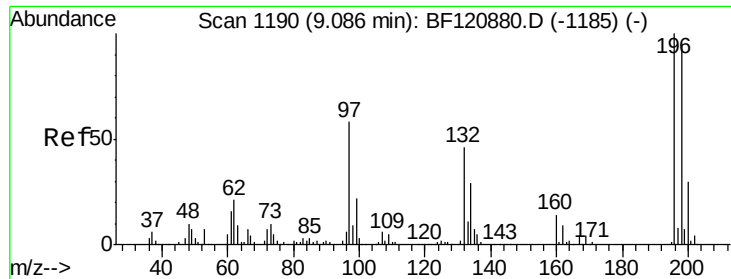
#42  
2,4,6-Tribromophenol  
Concen: 91.739 ng  
RT: 10.64 min Scan# 1454  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

Tgt Ion: 330 Resp: 321523  
Ion Ratio Lower Upper  
330 100  
332 96.5 75.5 113.3  
141 30.6 25.7 38.5



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

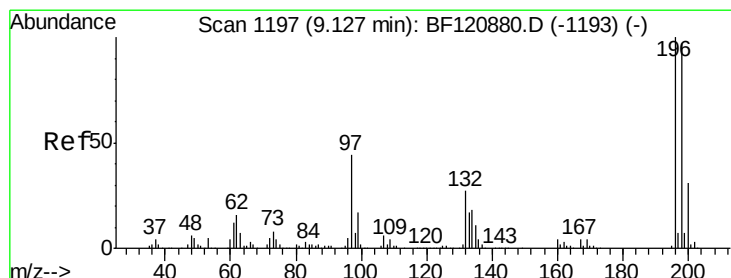
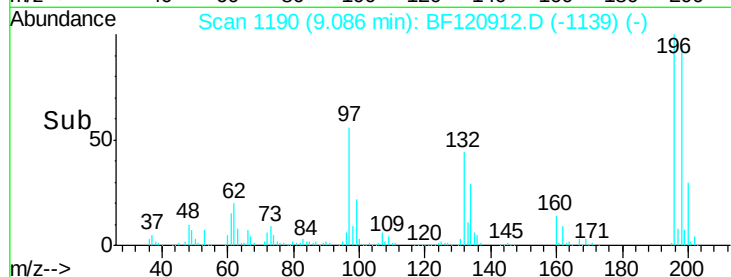
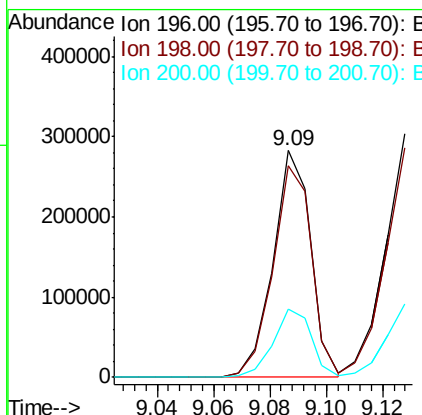
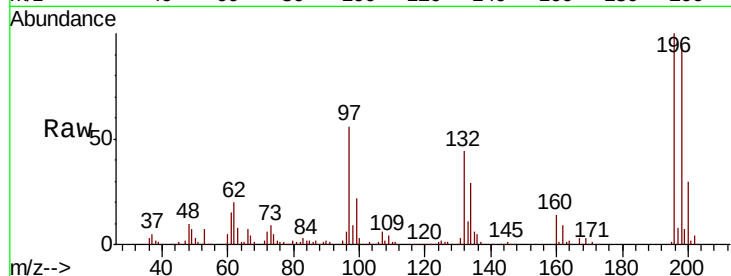




#43  
 2,4,6-Trichlorophenol  
 Concen: 39.755 ng  
 RT: 9.09 min Scan# 1190  
 Delta R.T. 0.00 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

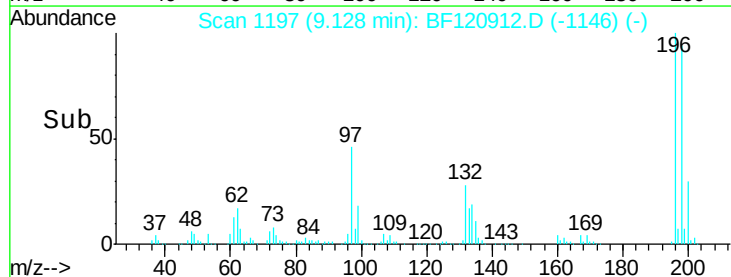
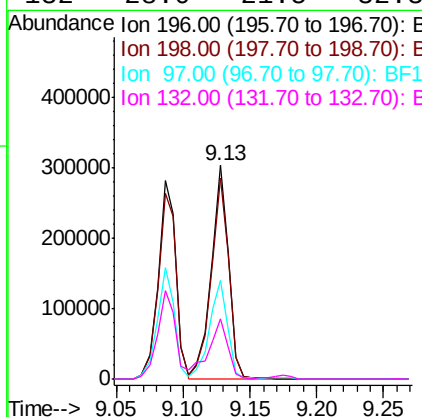
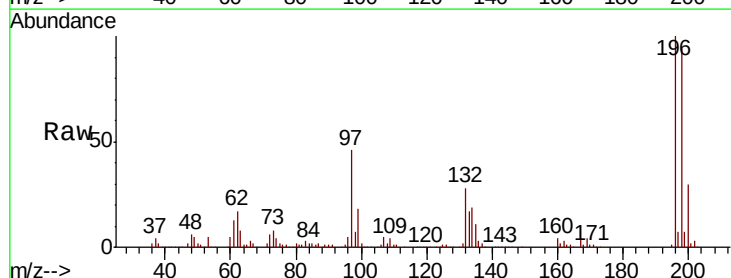
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130249BS

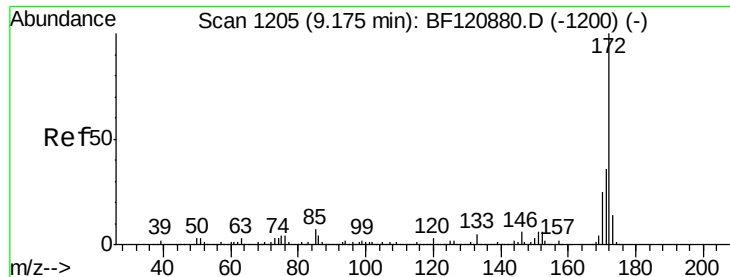
Tot Ion:196 Resp: 261124  
 Ion Ratio Lower Upper  
 196 100  
 198 93.5 75.7 113.5  
 200 30.0 24.4 36.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 37.585 ng  
 RT: 9.13 min Scan# 1197  
 Delta R.T. 0.00 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

Tgt Ion:196 Resp: 280034  
 Ion Ratio Lower Upper  
 196 100  
 198 94.2 77.6 116.4  
 97 46.1 35.6 53.4  
 132 28.0 21.5 32.3



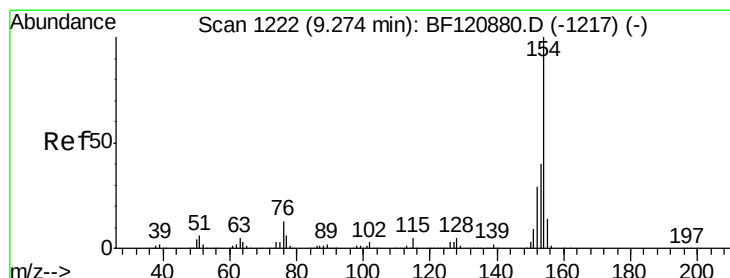
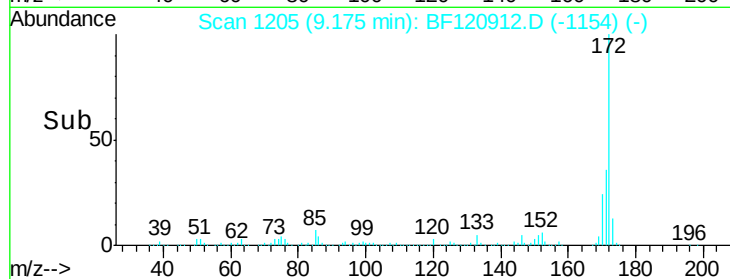
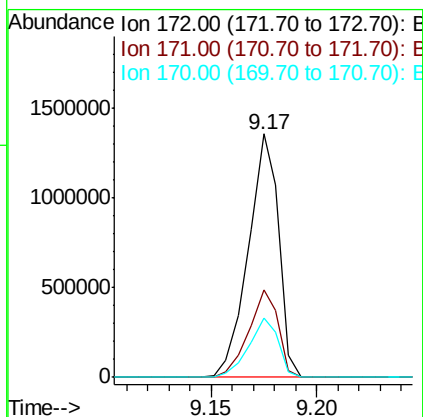
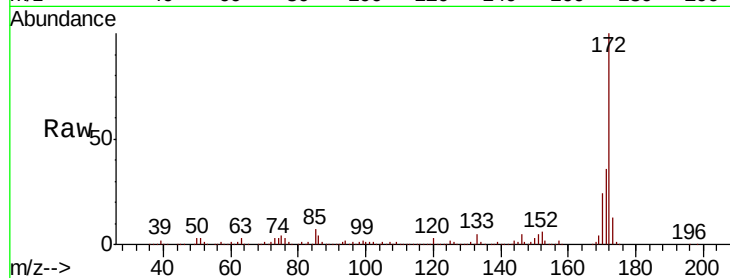


#45  
 2-Fluorobiphenyl  
 Concen: 62.811 ng  
 RT: 9.17 min Scan# 1205  
 Delta R.T. 0.00 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130249BS

Tot Ion:172 Resp: 1346992  

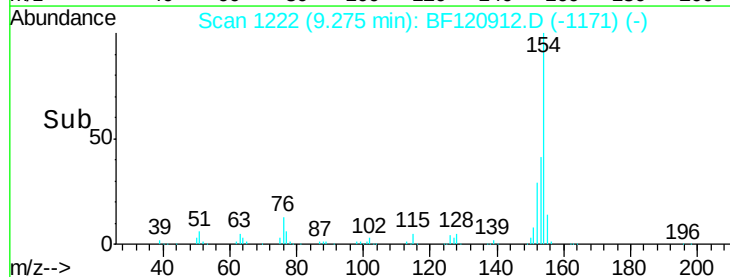
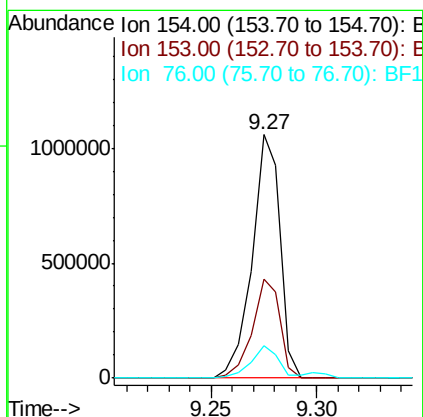
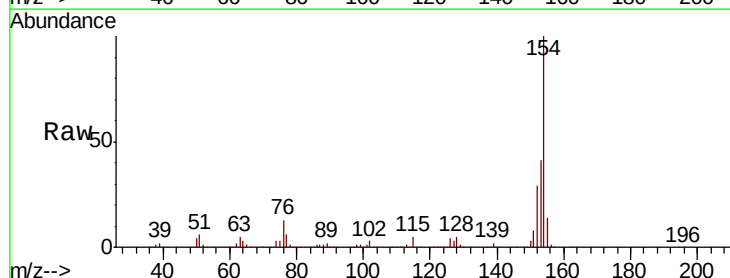
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.8  | 29.0  | 43.4  |
| 170 | 24.4  | 19.6  | 29.4  |

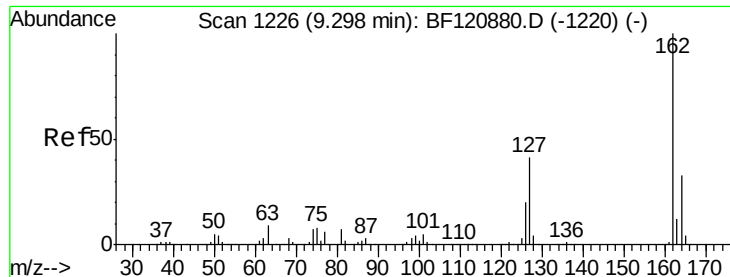


#46  
 1,1'-Biphenyl  
 Concen: 39.821 ng  
 RT: 9.27 min Scan# 1222  
 Delta R.T. 0.00 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

Tgt Ion:154 Resp: 972583  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.7  | 20.4  | 60.4  |
| 76  | 13.1  | 0.0   | 33.1  |

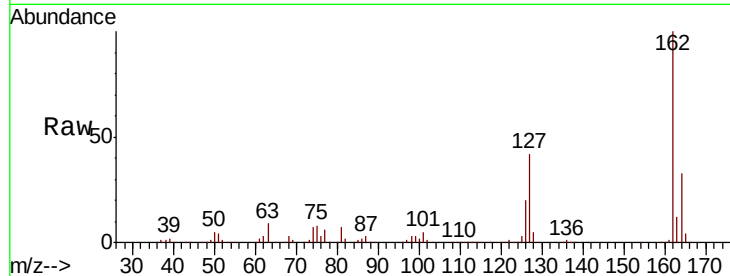




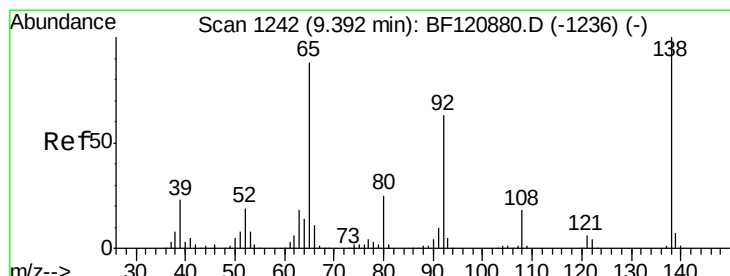
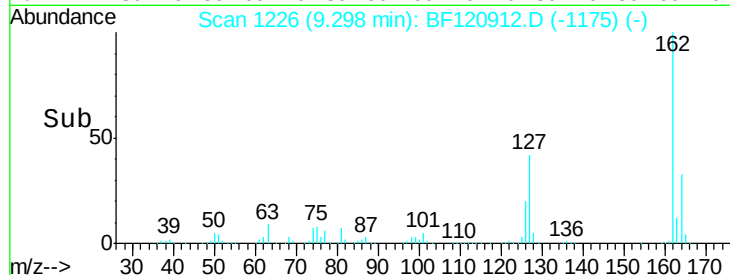
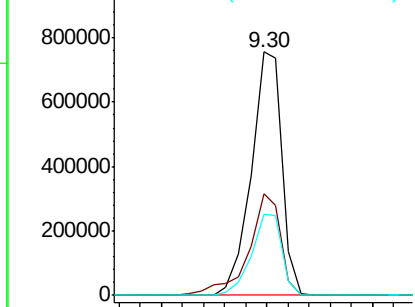
#47  
 2-Chloronaphthalene  
 Concen: 38.282 ng  
 RT: 9.30 min Scan# 1226  
 Delta R.T. 0.00 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB130249BS

Tot Ion:162 Resp: 762311  
 Ion Ratio Lower Upper  
 162 100  
 127 41.6 33.3 49.9  
 164 33.3 26.6 39.8

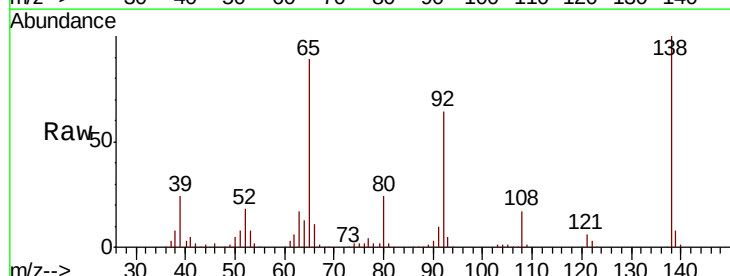


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

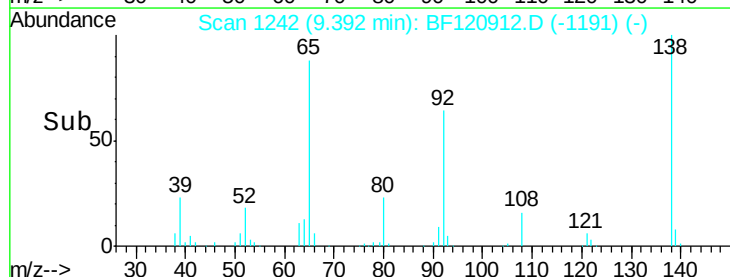
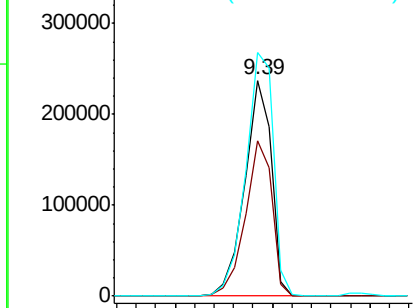


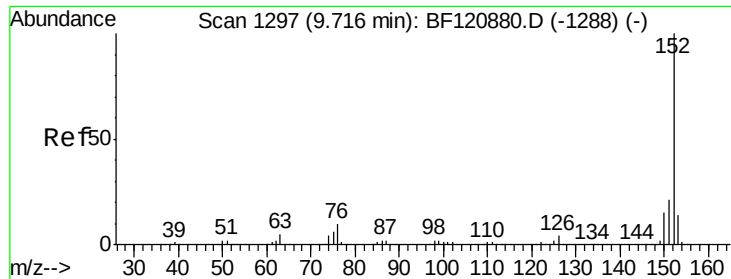
#48  
 2-Nitroaniline  
 Concen: 37.474 ng  
 RT: 9.39 min Scan# 1242  
 Delta R.T. 0.00 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

Tgt Ion: 65 Resp: 225509  
 Ion Ratio Lower Upper  
 65 100  
 92 72.3 57.0 85.4  
 138 112.9 90.4 135.6



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: 37.860 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

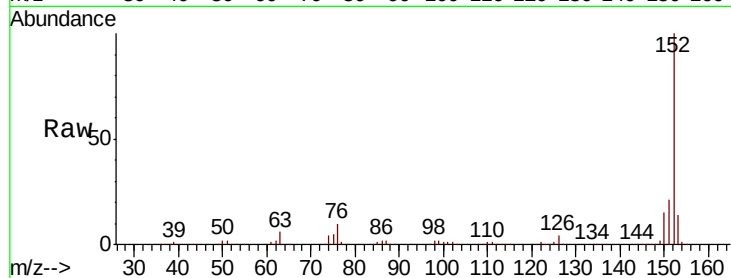
Tot Ion:152 Resp: 1171213

Ion Ratio Lower Upper

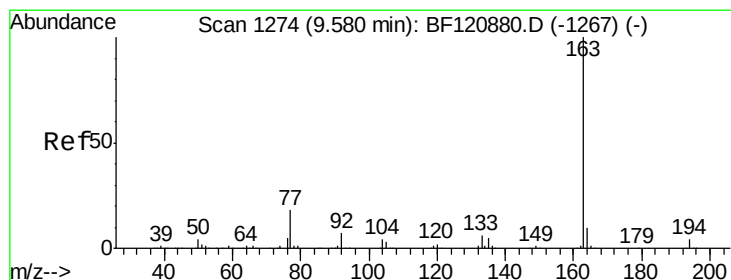
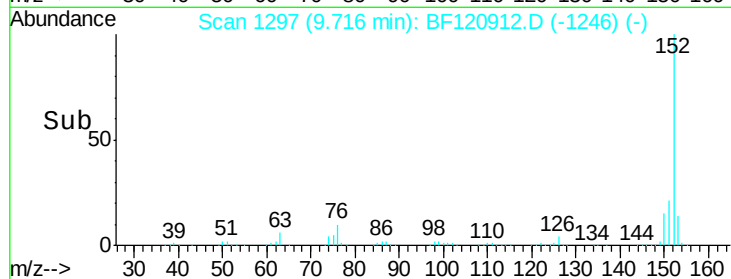
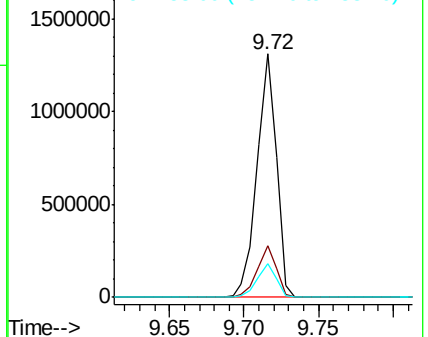
152 100

151 20.9 16.6 25.0

153 13.9 10.9 16.3



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: 36.822 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

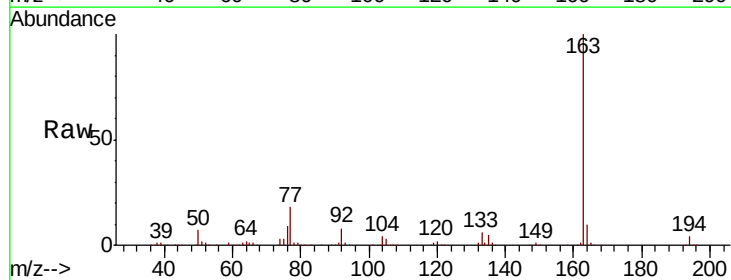
Tgt Ion:163 Resp: 850566

Ion Ratio Lower Upper

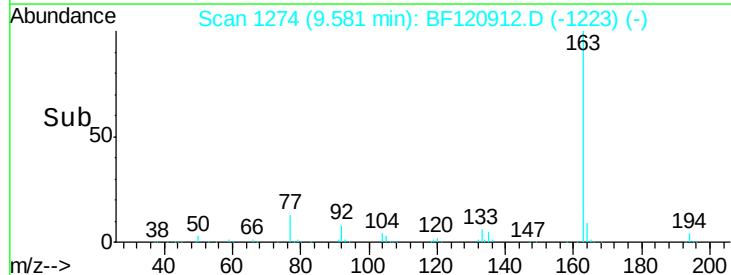
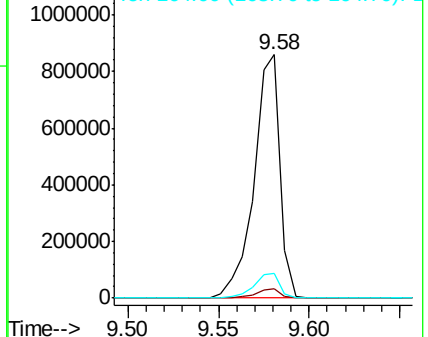
163 100

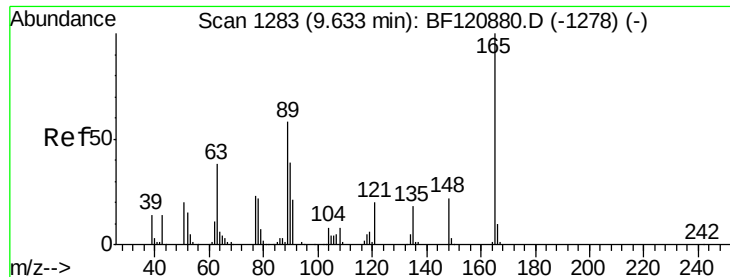
194 4.0 3.2 4.8

164 10.1 7.9 11.9



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

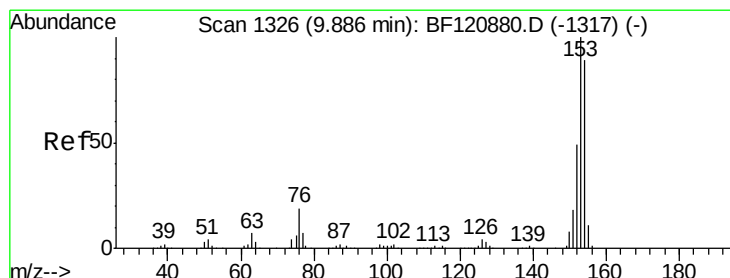
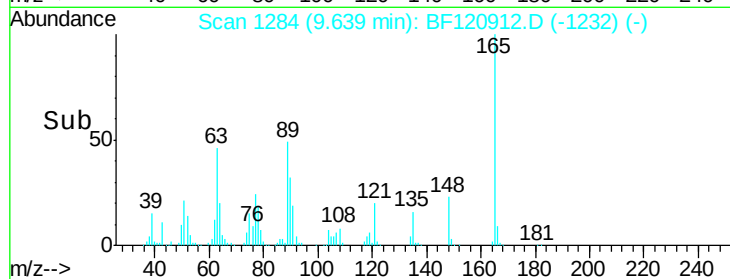
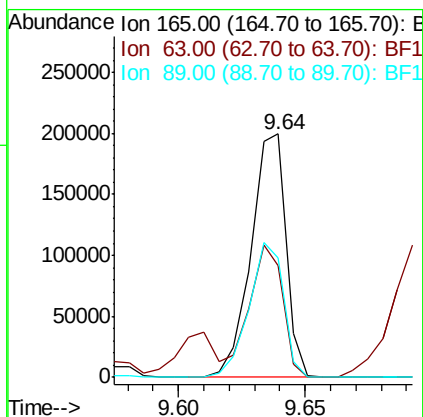
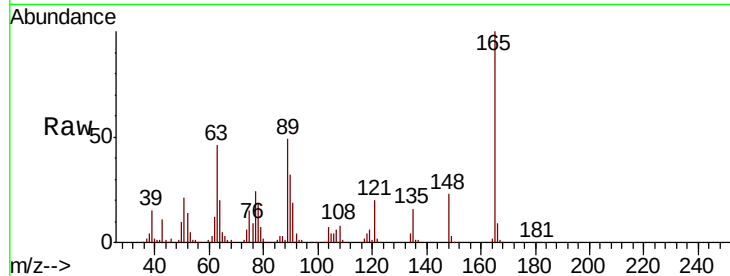




#51  
2,6-Dinitrotoluene  
Concen: 38.808 ng  
RT: 9.64 min Scan# 1284  
Delta R.T. 0.01 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

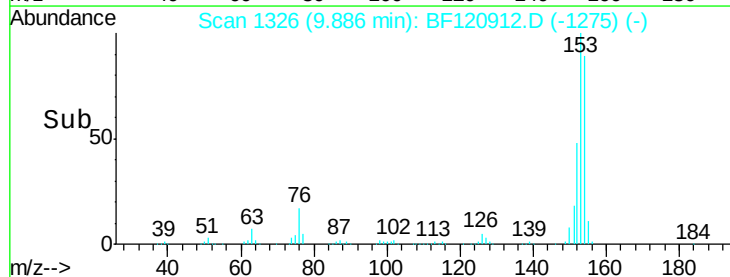
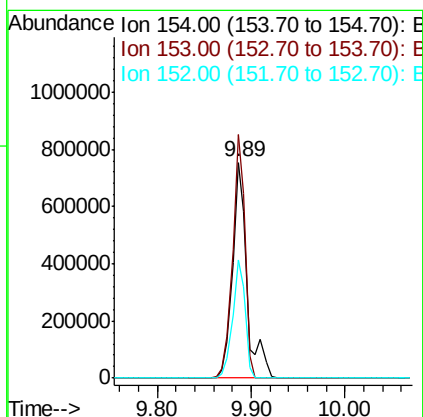
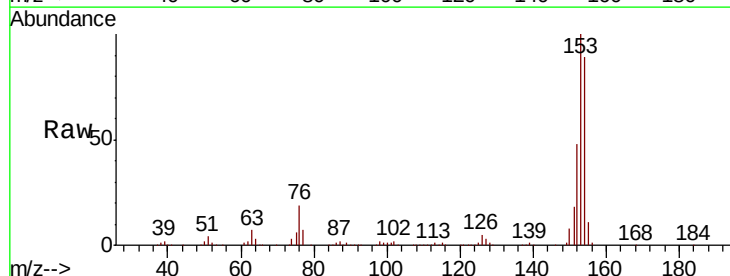
Instrument :  
BNA\_F  
ClientSampleId :  
PB130249BS

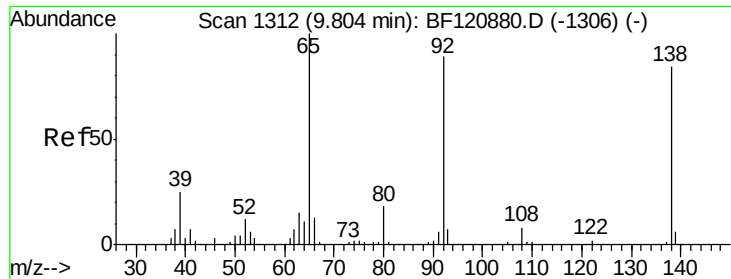
Tot Ion:165 Resp: 192594  
Ion Ratio Lower Upper  
165 100  
63 45.7 45.4 68.2  
89 48.8 47.0 70.4



#52  
Acenaphthene  
Concen: 41.392 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

Tgt Ion:154 Resp: 814092  
Ion Ratio Lower Upper  
154 100  
153 112.8 89.5 134.3  
152 54.5 44.2 66.2

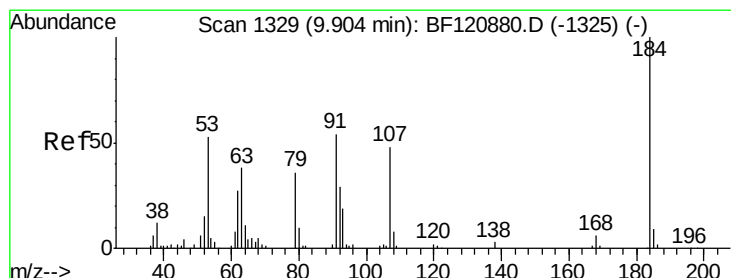
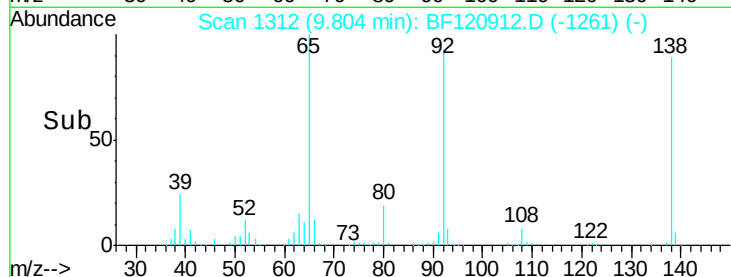
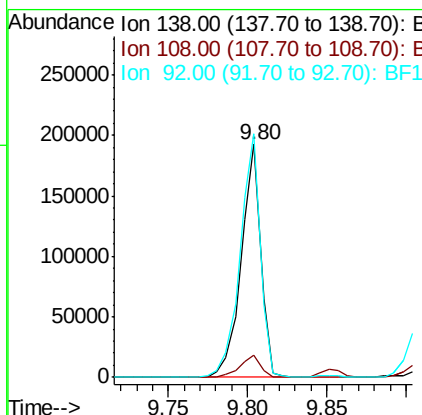
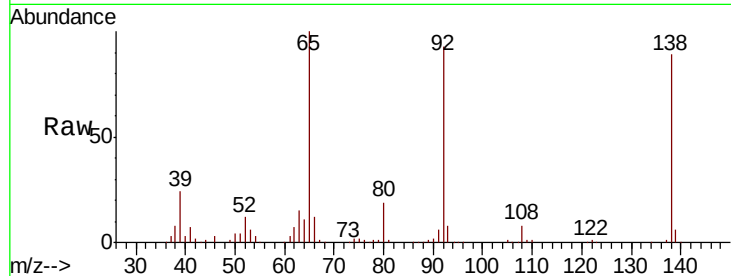




#53  
 3-Nitroaniline  
 Concen: 26.449 ng  
 RT: 9.80 min Scan# 1312  
 Delta R.T. 0.00 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

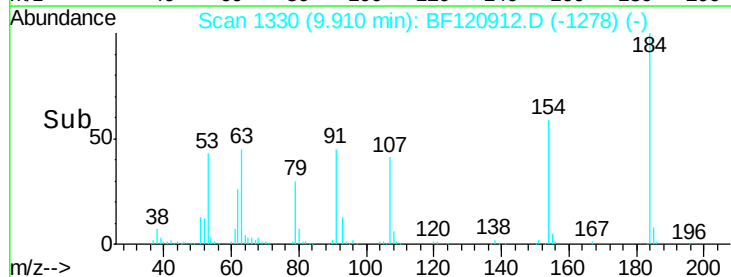
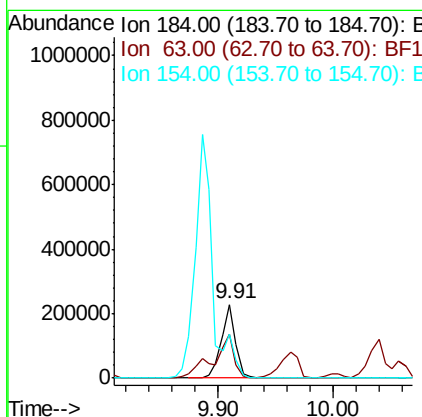
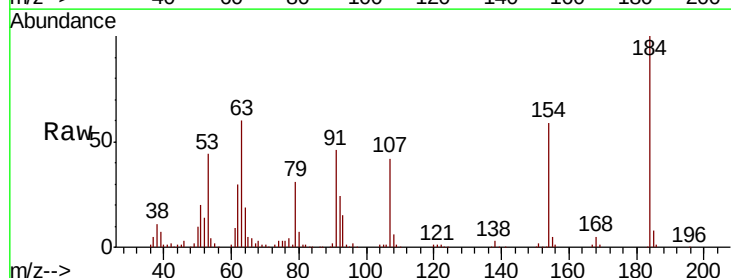
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130249BS

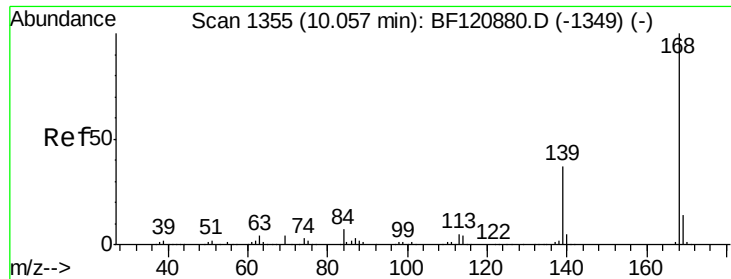
Tot Ion:138 Resp: 164622  
 Ion Ratio Lower Upper  
 138 100  
 108 9.5 7.9 11.9  
 92 104.4 85.3 127.9



#54  
 2,4-Dinitrophenol  
 Concen: 69.025 ng  
 RT: 9.91 min Scan# 1330  
 Delta R.T. 0.01 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

Tgt Ion:184 Resp: 194244  
 Ion Ratio Lower Upper  
 184 100  
 63 59.9 57.9 86.9  
 154 59.0 52.6 78.8

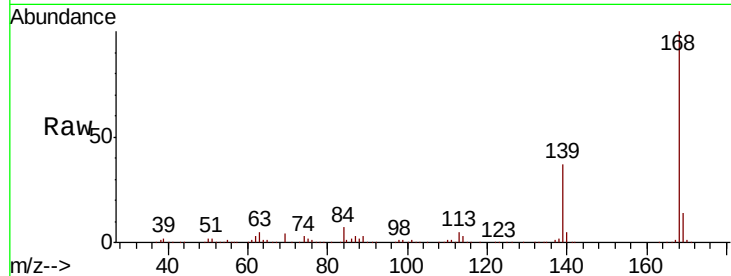




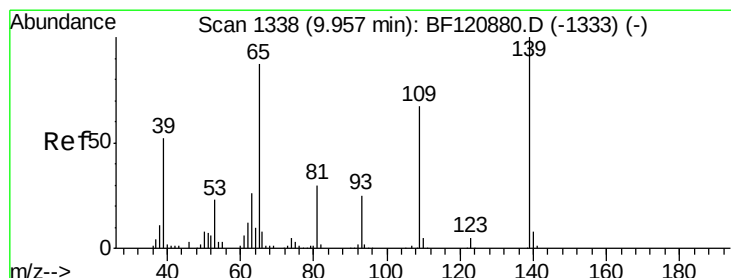
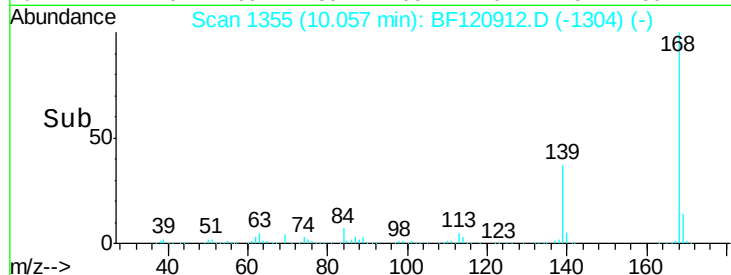
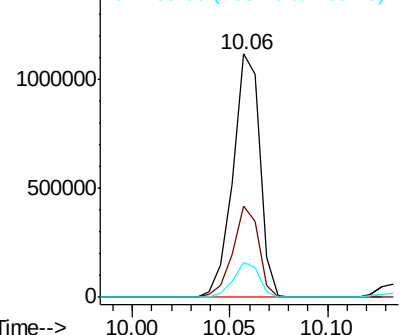
#55  
Dibenzenofuran  
Concen: 37.599 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB130249BS

Tot Ion:168 Resp: 1069370  
Ion Ratio Lower Upper  
168 100  
139 37.4 29.7 44.5  
169 14.2 11.1 16.7

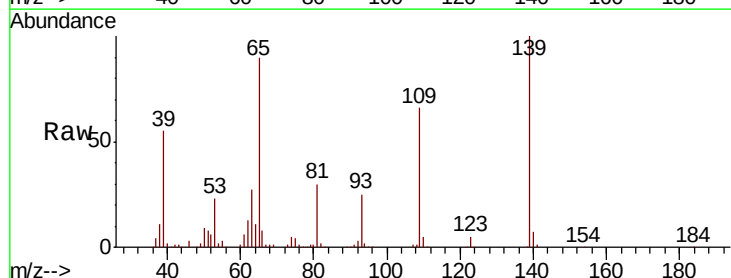


Abundance Ion 168.00 (167.70 to 168.70): E  
1500000 Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

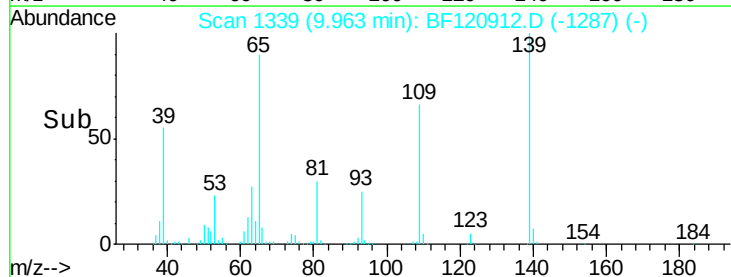
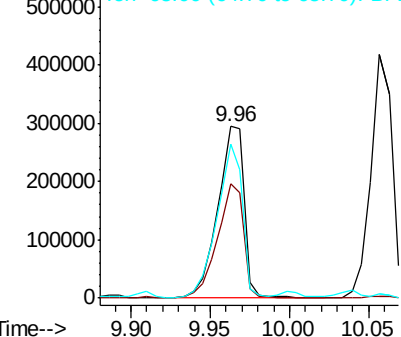


#56  
4-Nitrophenol  
Concen: 72.057 ng  
RT: 9.96 min Scan# 1339  
Delta R.T. 0.01 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

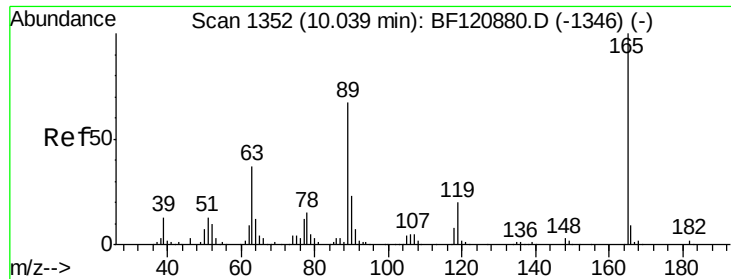
Tgt Ion:139 Resp: 340687  
Ion Ratio Lower Upper  
139 100  
109 66.3 47.3 87.3  
65 90.0 67.2 107.2



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



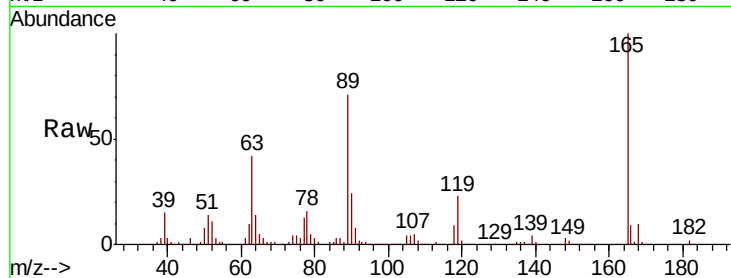




#57  
2,4-Dinitrotoluene  
Concen: 38.526 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB130249BS

|             |              |
|-------------|--------------|
| Tot Ion:165 | Resp: 251077 |
| Ion Ratio   | Lower Upper  |
| 165 100     |              |
| 63 42.3     | 29.4 44.2    |
| 89 71.4     | 53.4 80.0    |
| 182 2.2     | 1.8 2.6      |

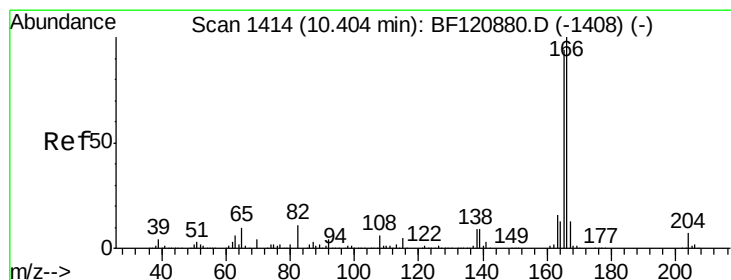
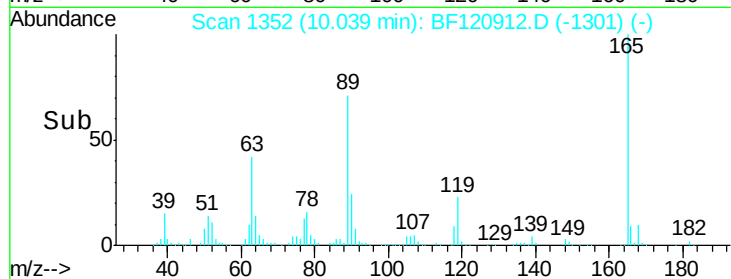
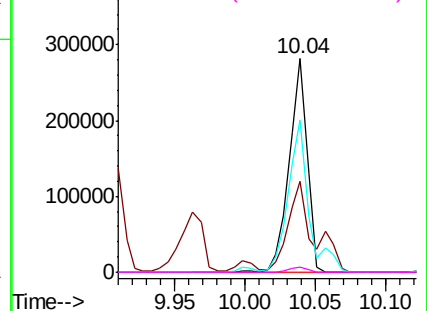


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

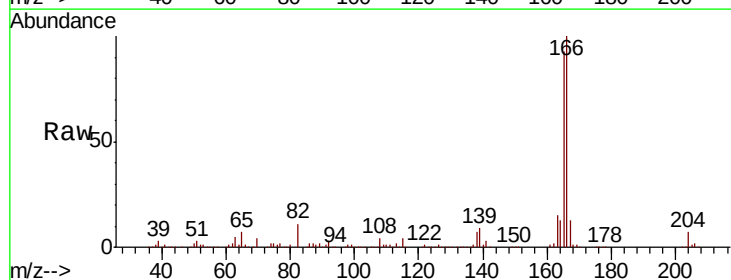
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 36.601 ng  
RT: 10.40 min Scan# 1414  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

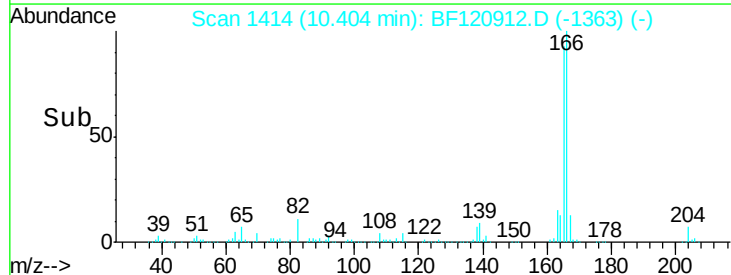
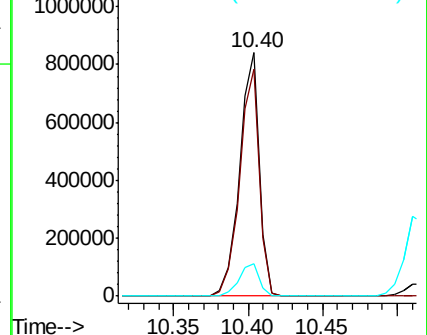
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:166 | Resp: | 776396 |
| Ion | Ratio   | Lower | Upper  |
| 166 | 100     |       |        |
| 165 | 93.2    | 75.4  | 113.0  |
| 167 | 13.3    | 10.6  | 15.8   |

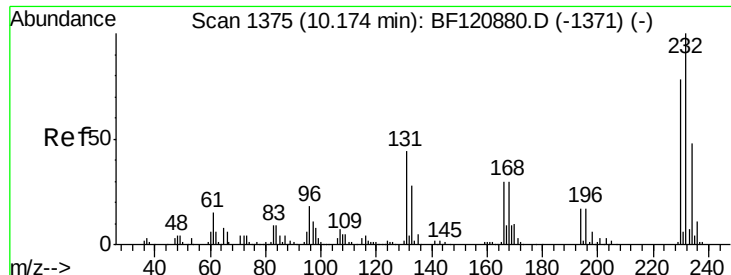


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

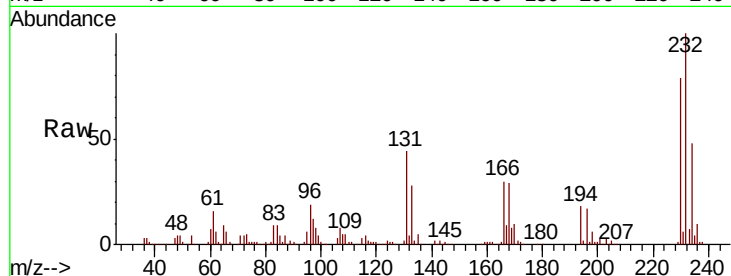




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.500 ng  
 RT: 10.17 min Scan# 1375  
 Delta R.T. 0.00 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130249BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 43.9  | 37.1  | 55.7  |
| 130     | 2.3   | 1.7   | 2.5   |
| 166     | 29.3  | 24.2  | 36.4  |



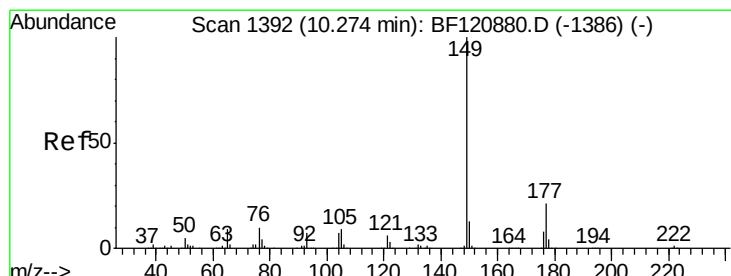
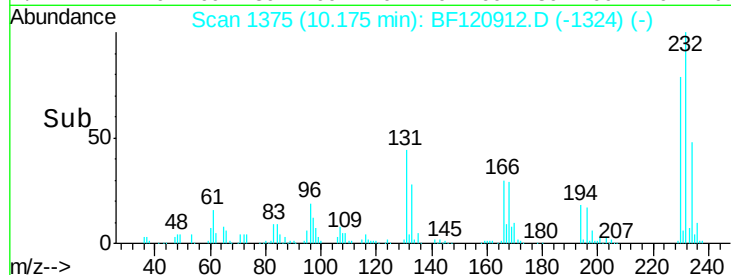
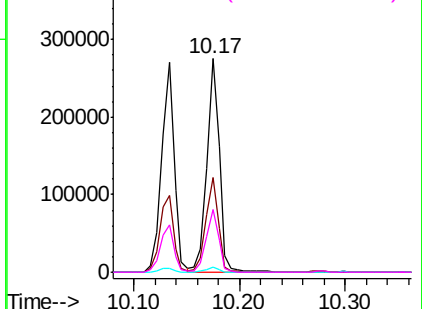
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

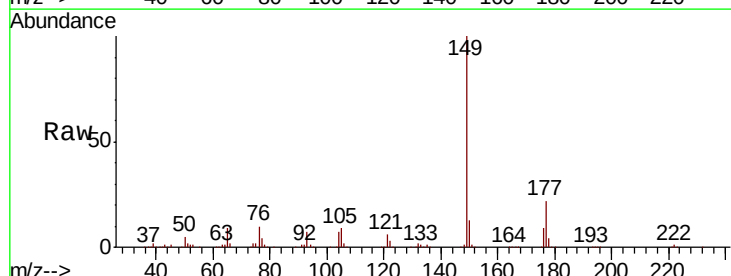
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 36.117 ng  
 RT: 10.27 min Scan# 1392  
 Delta R.T. 0.00 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.7  | 17.1  | 25.7  |
| 150     | 12.7  | 10.3  | 15.5  |

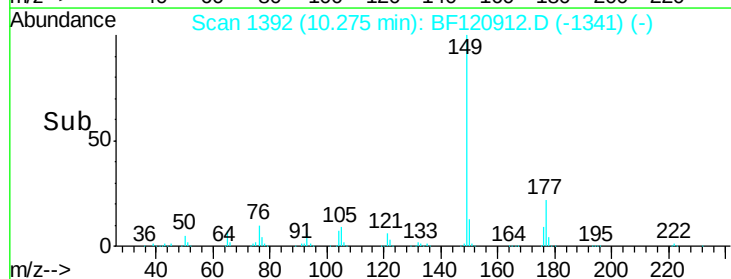
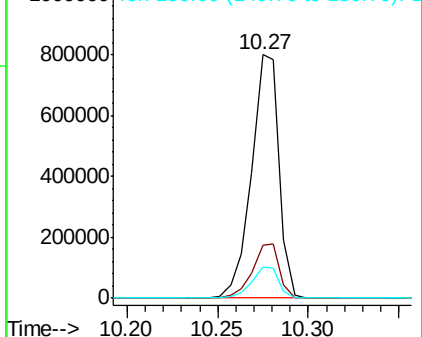


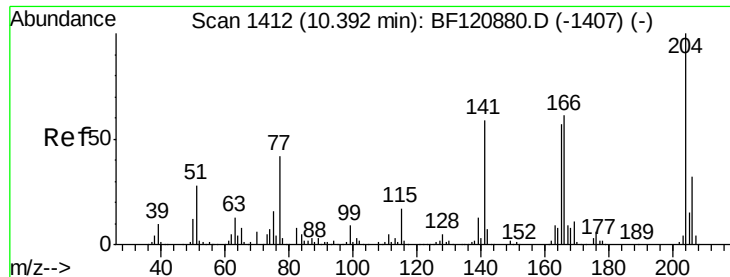
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

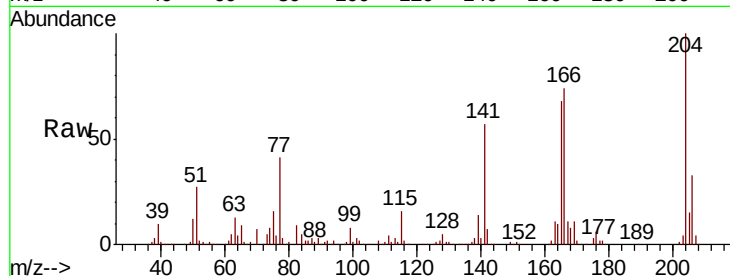




#61  
4-Chlorophenyl-phenylether  
Concen: 33.847 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB130249BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.8  | 25.9  | 38.9  |
| 141     | 56.8  | 47.2  | 70.8  |

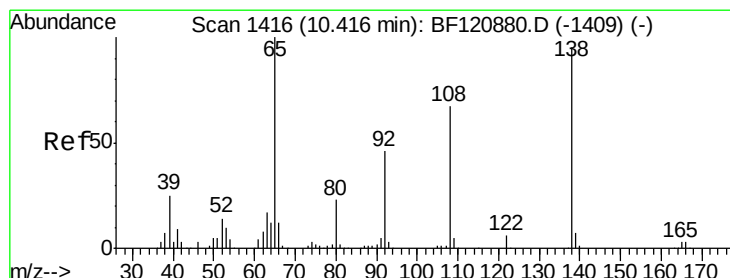
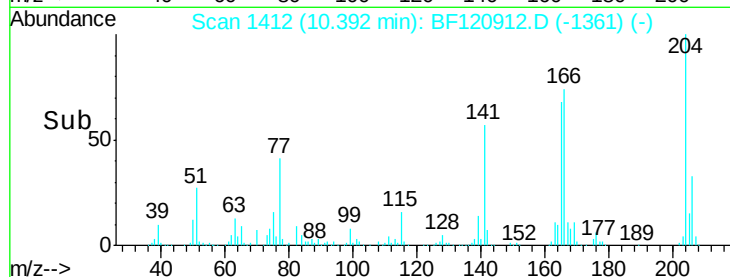
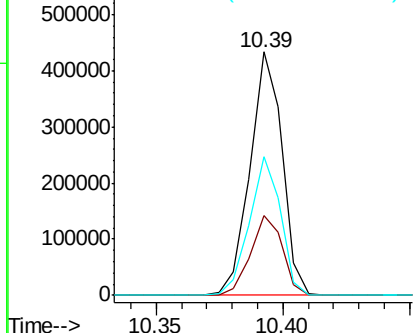


Abundance

Ion 204.00 (203.70 to 204.70): E

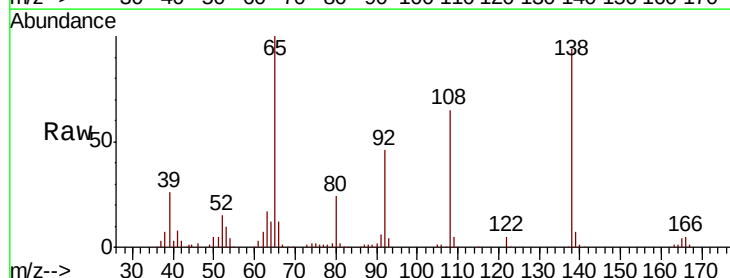
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 32.871 ng  
RT: 10.42 min Scan# 1416  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.2  | 28.6  | 68.6  |
| 108     | 69.4  | 51.1  | 91.1  |

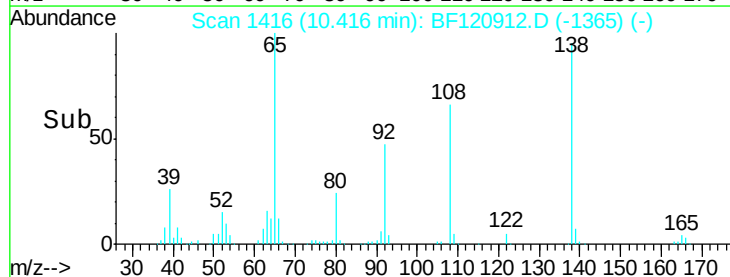
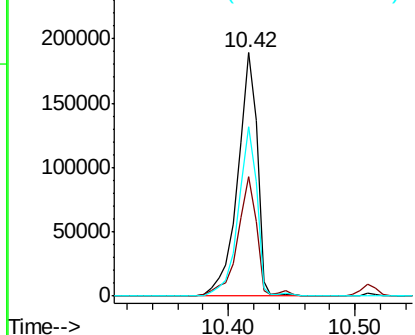


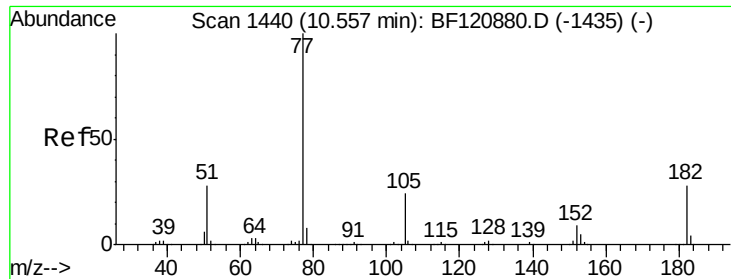
Abundance

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: 36.637 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

Tot Ion: 77 Resp: 814942

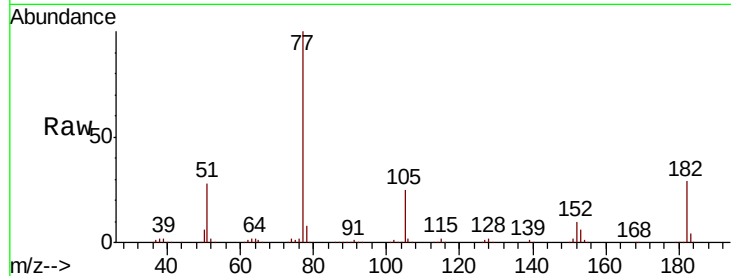
Ion Ratio Lower Upper

77 100

182 29.1 7.8 47.8

105 24.9 4.4 44.4

51 27.8 8.0 48.0

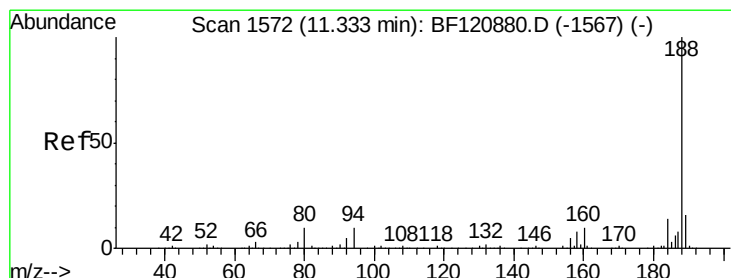
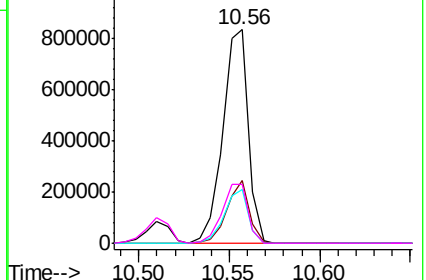
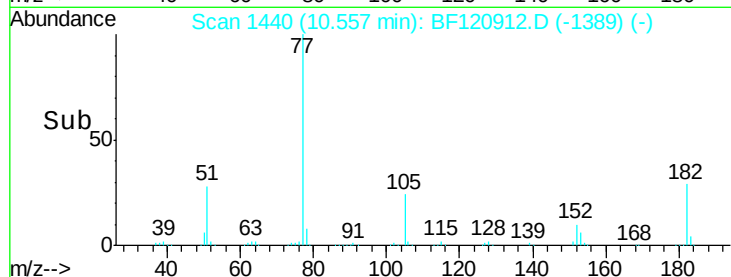


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

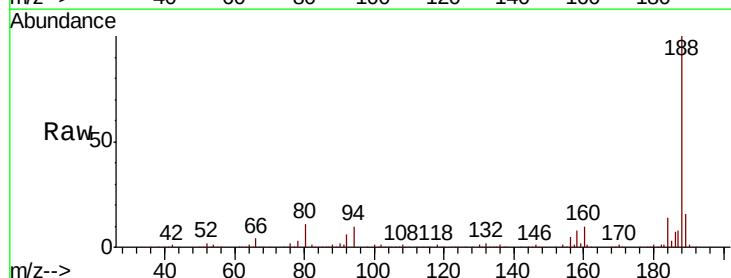
Tgt Ion: 188 Resp: 560217

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

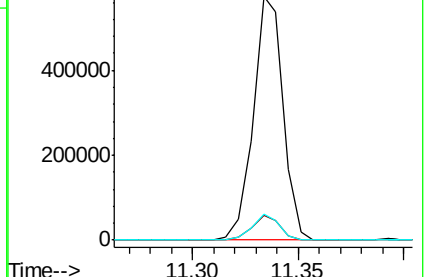
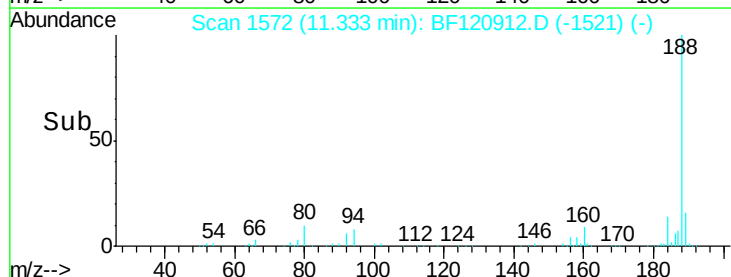
80 10.6 8.3 12.5

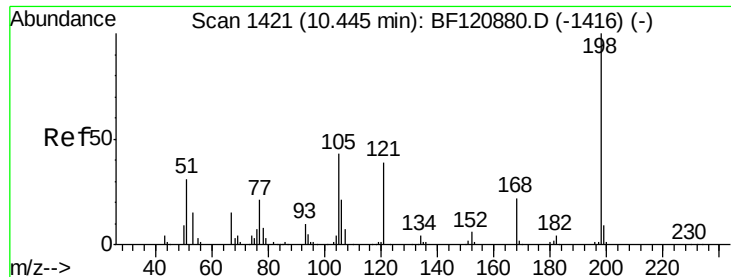


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

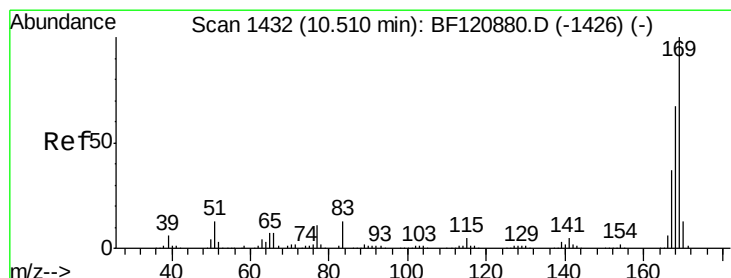
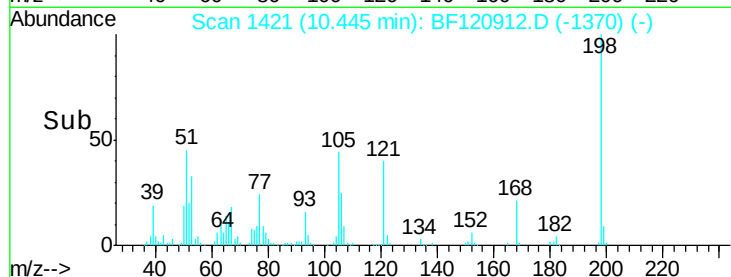
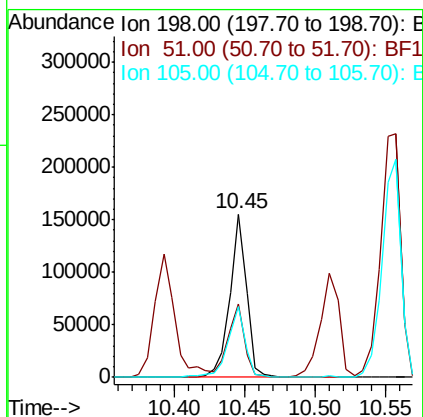
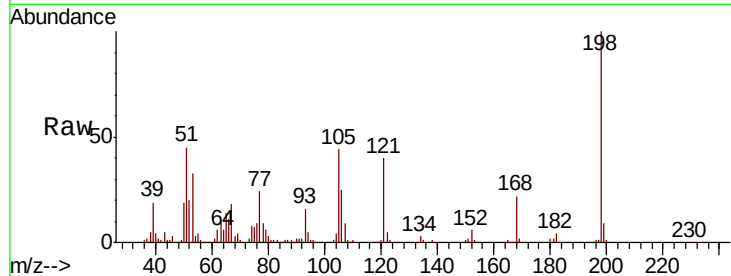




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.417 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

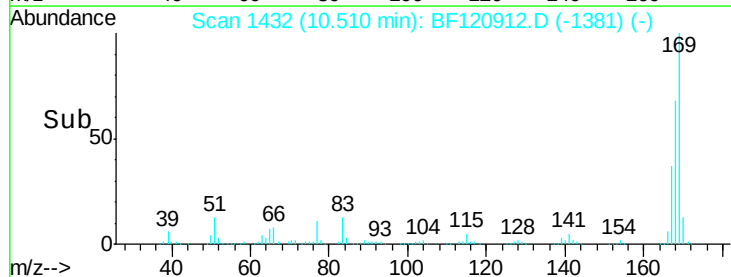
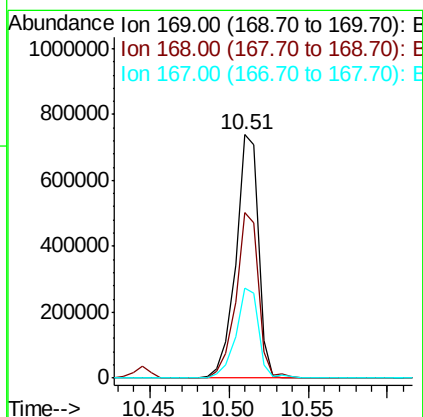
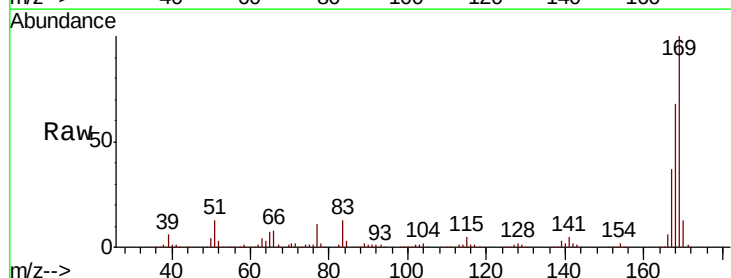
Instrument :  
BNA\_F  
ClientSampleId :  
PB130249BS

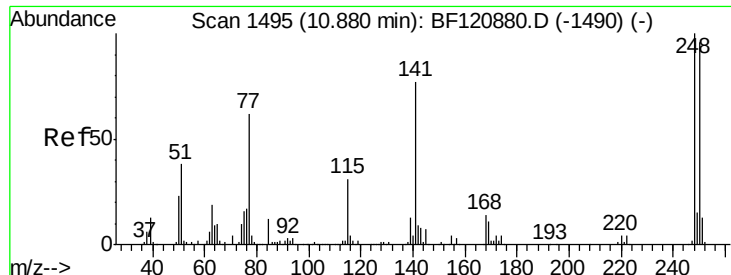
Tot Ion:198 Resp: 128904  
Ion Ratio Lower Upper  
198 100  
51 45.2 19.5 59.5  
105 43.5 24.4 64.4



#66  
n-Nitrosodiphenylamine  
Concen: 41.245 ng  
RT: 10.51 min Scan# 1432  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

Tgt Ion:169 Resp: 726868  
Ion Ratio Lower Upper  
169 100  
168 68.0 53.4 80.0  
167 37.2 29.4 44.0

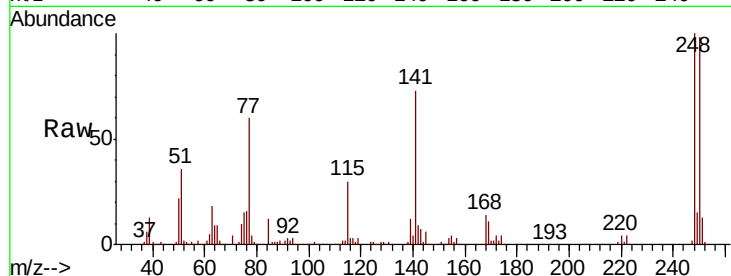




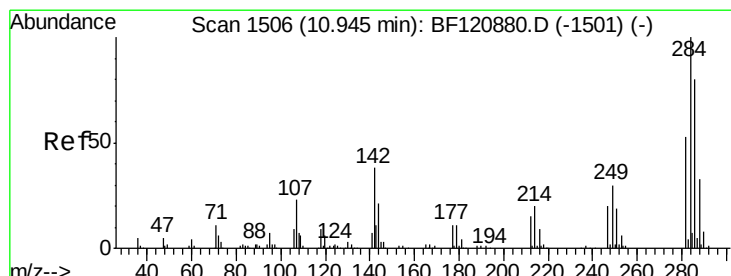
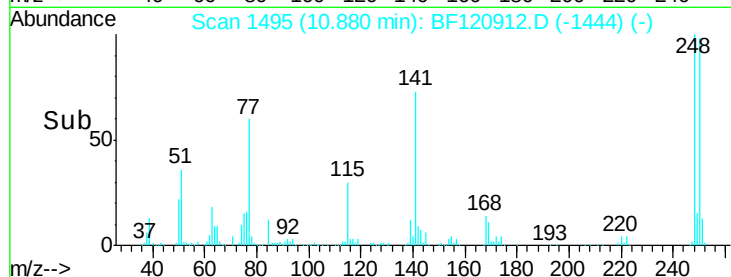
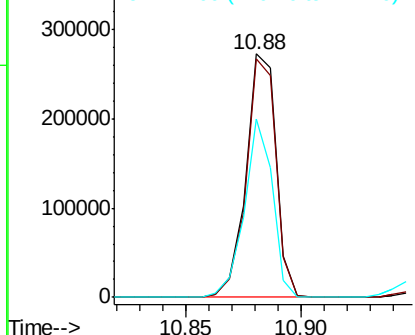
#67  
 4-Bromophenyl-phenylether  
 Concen: 39.988 ng  
 RT: 10.88 min Scan# 1495  
 Delta R.T. 0.00 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130249BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.8  | 77.1  | 115.7 |
| 141     | 73.1  | 61.2  | 91.8  |

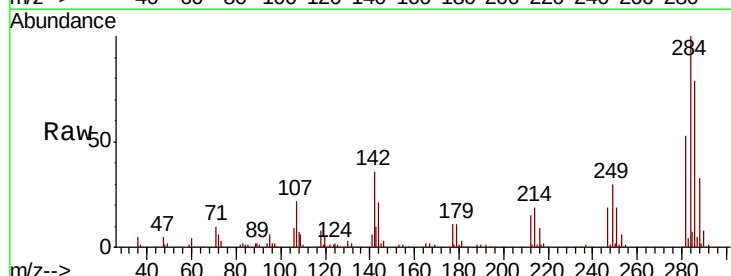


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

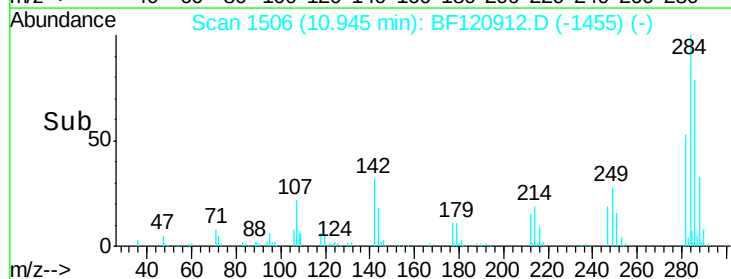
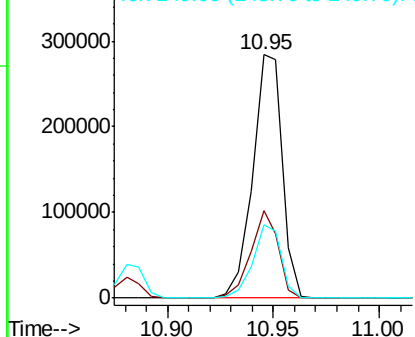


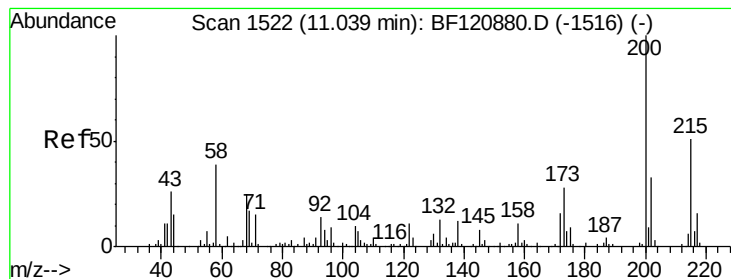
#68  
 Hexachlorobenzene  
 Concen: 41.054 ng  
 RT: 10.95 min Scan# 1506  
 Delta R.T. 0.00 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.0  | 30.2  | 45.2  |
| 249     | 30.2  | 24.2  | 36.2  |



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





#69

Atrazine

Concen: 45.622 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

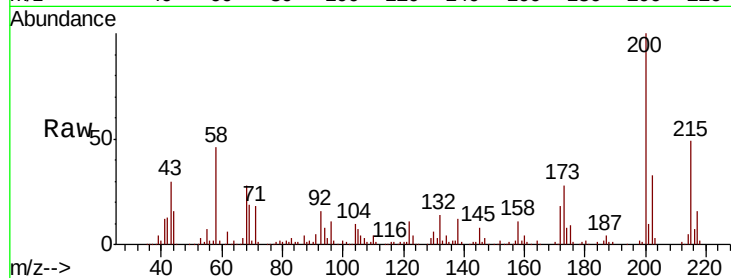
Tot Ion:200 Resp: 199120

Ion Ratio Lower Upper

200 100

173 27.9 8.0 48.0

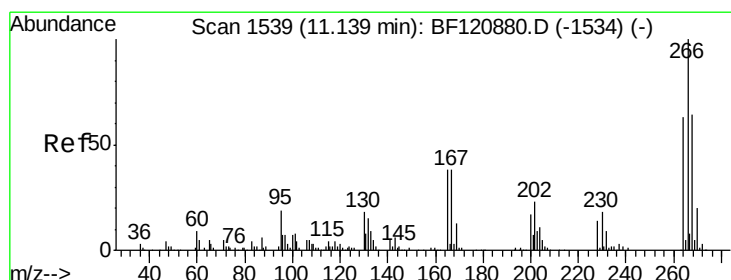
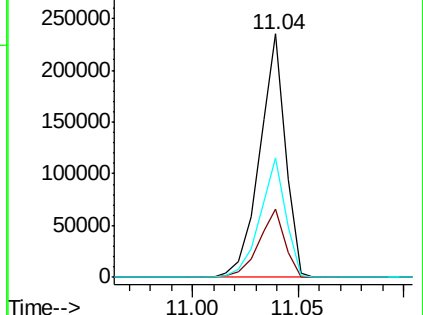
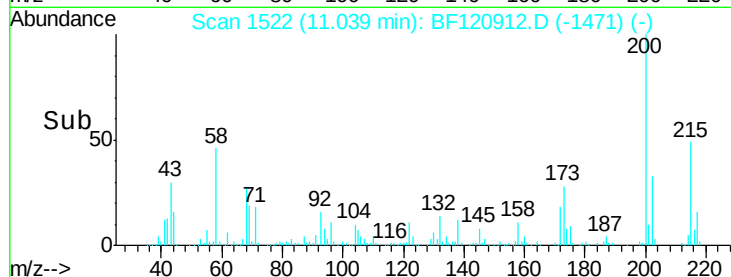
215 48.9 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 81.050 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

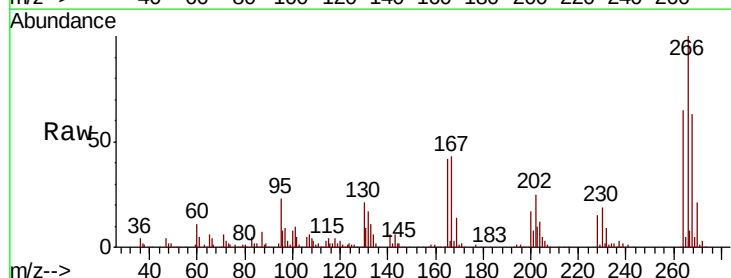
Tgt Ion:266 Resp: 313719

Ion Ratio Lower Upper

266 100

268 63.1 51.1 76.7

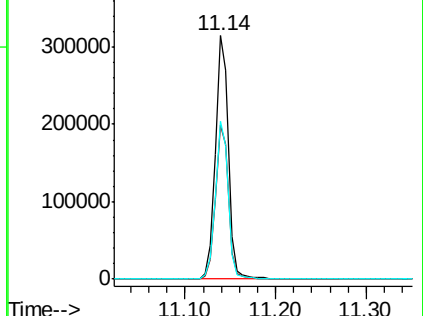
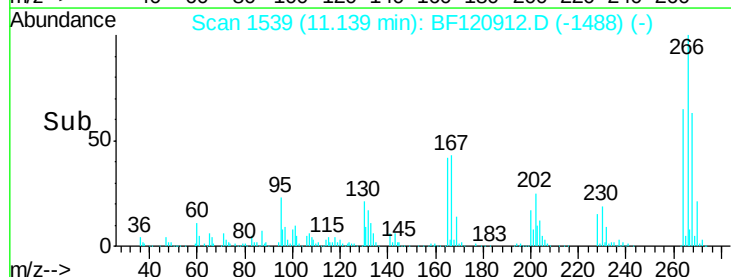
264 64.6 50.2 75.2

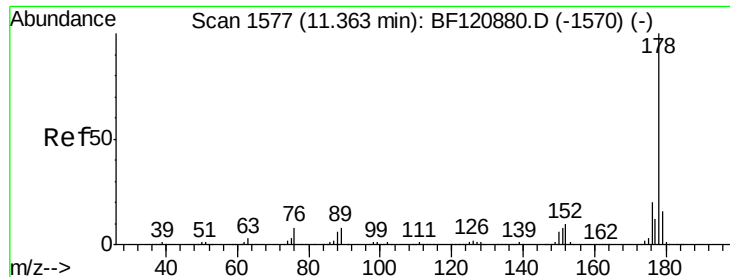


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

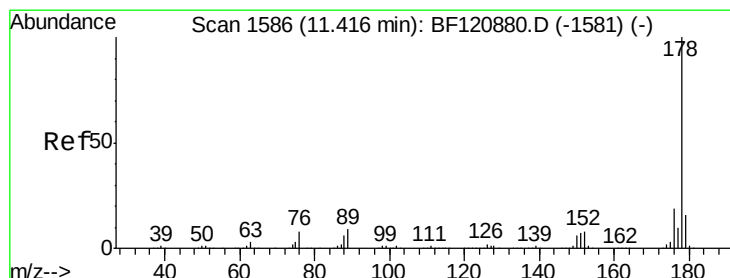
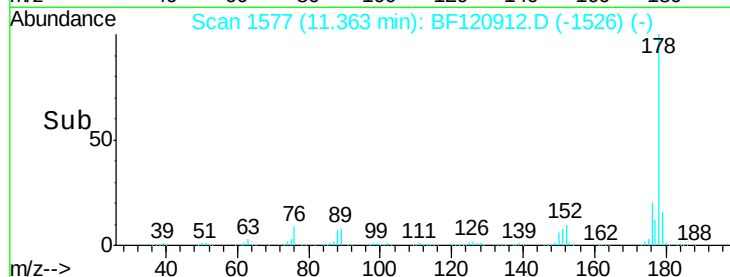
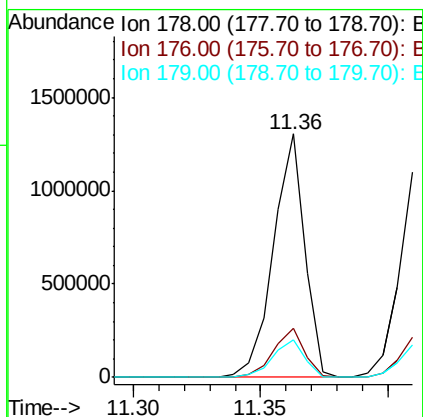
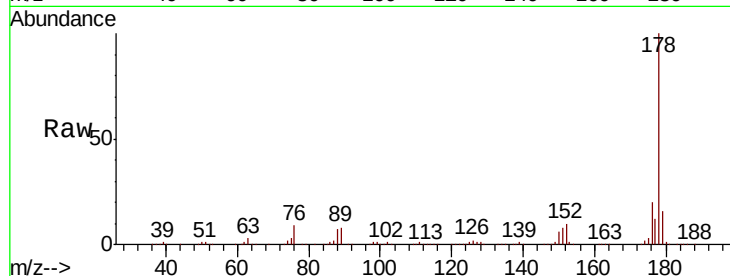




#71  
 Phenanthrene  
 Concen: 39.288 ng  
 RT: 11.36 min Scan# 1577  
 Delta R.T. 0.00 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

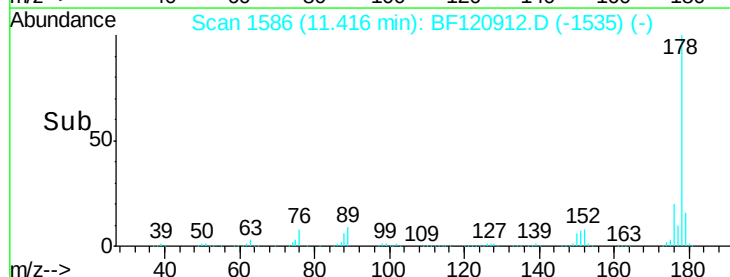
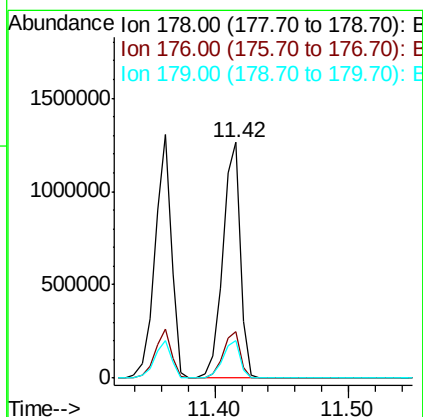
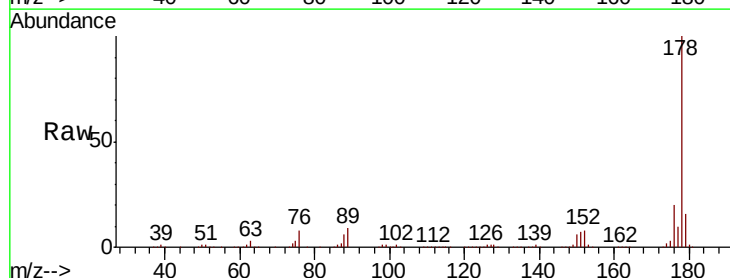
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130249BS

Tot Ion:178 Resp: 1131960  
 Ion Ratio Lower Upper  
 178 100  
 176 20.3 16.2 24.4  
 179 15.6 12.8 19.2

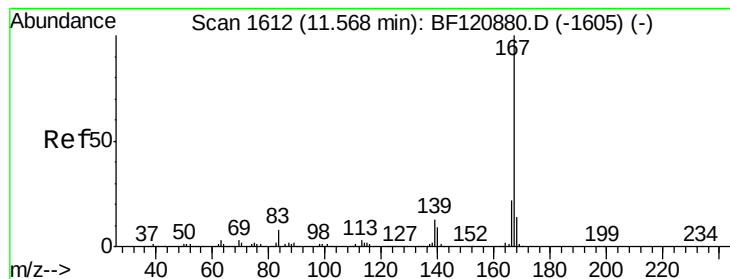


#72  
 Anthracene  
 Concen: 40.448 ng  
 RT: 11.42 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

Tgt Ion:178 Resp: 1170213  
 Ion Ratio Lower Upper  
 178 100  
 176 19.5 15.5 23.3  
 179 15.8 12.8 19.2







#73

Carbazole

Concen: 37.186 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

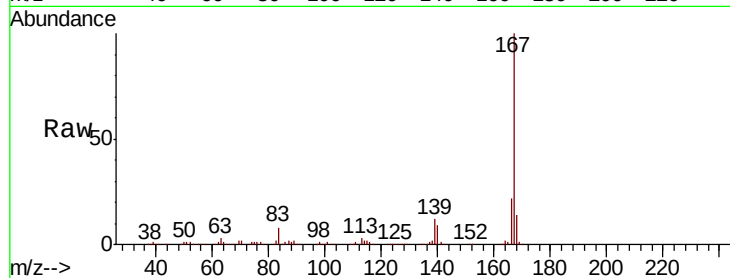
Tot Ion:167 Resp: 1067674

Ion Ratio Lower Upper

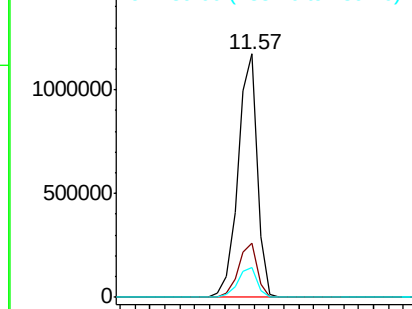
167 100

166 22.1 17.7 26.5

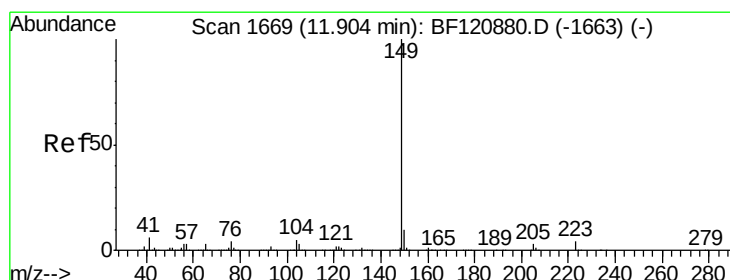
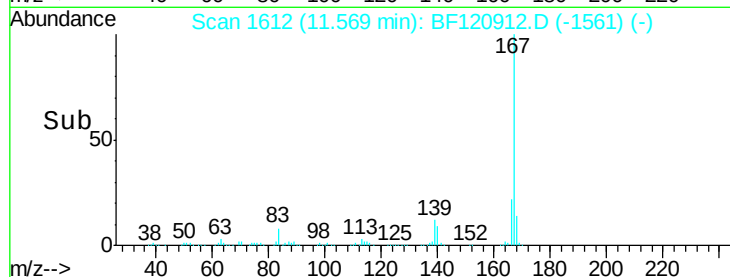
139 12.5 10.1 15.1



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



Time-->



#74

Di-n-butylphthalate

Concen: 38.466 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

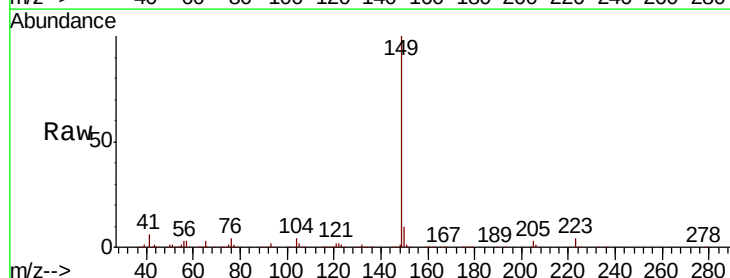
Tgt Ion:149 Resp: 1274500

Ion Ratio Lower Upper

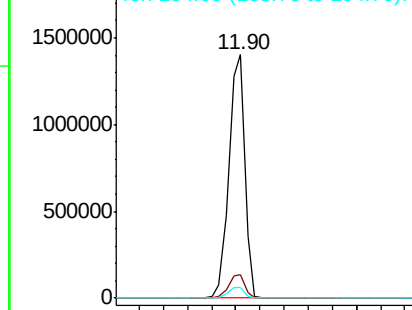
149 100

150 9.6 7.8 11.6

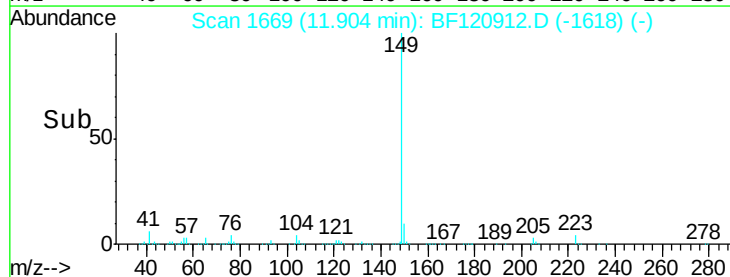
104 4.5 3.8 5.6

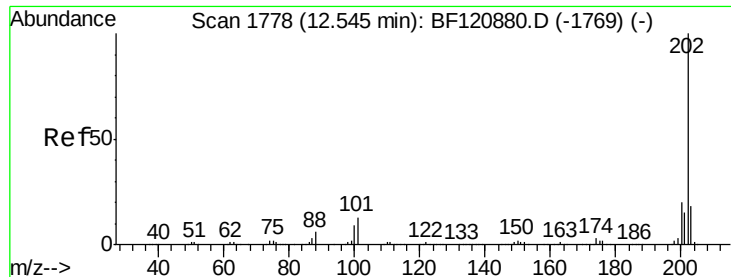


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



Time-->

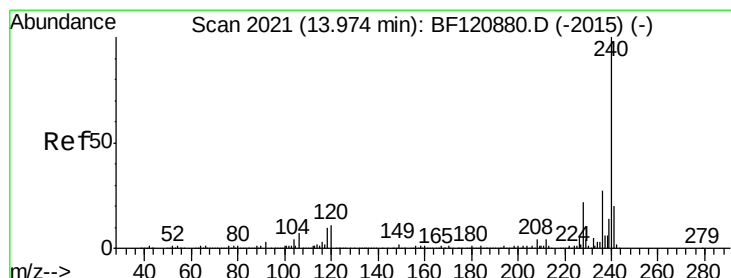
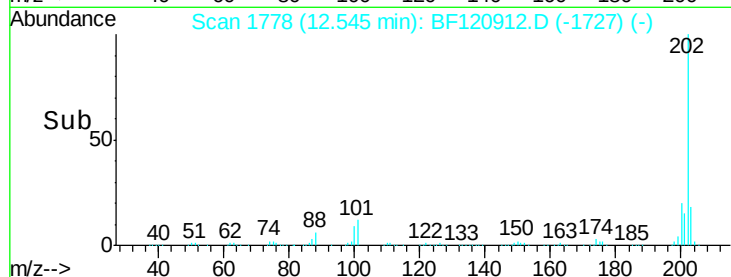
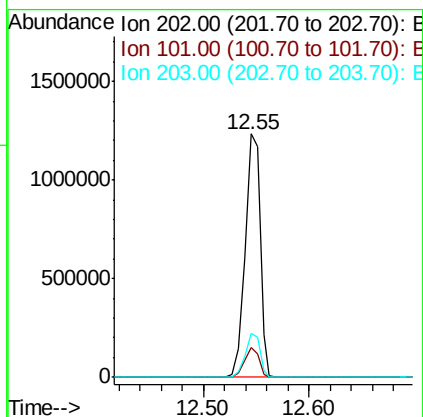
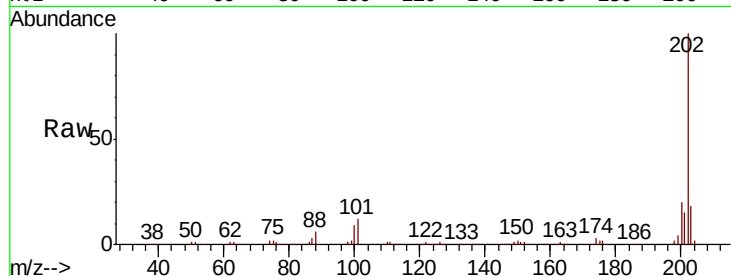




#75  
 Fluoranthene  
 Concen: 37.666 ng  
 RT: 12.55 min Scan# 1778  
 Delta R.T. 0.00 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

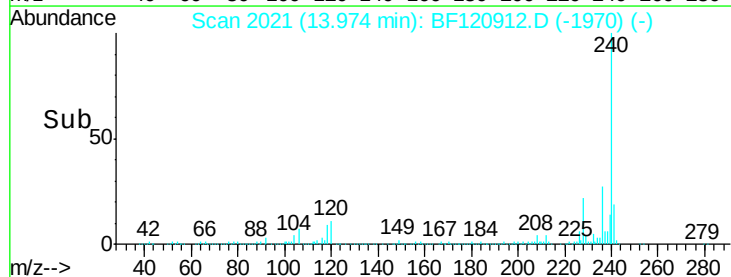
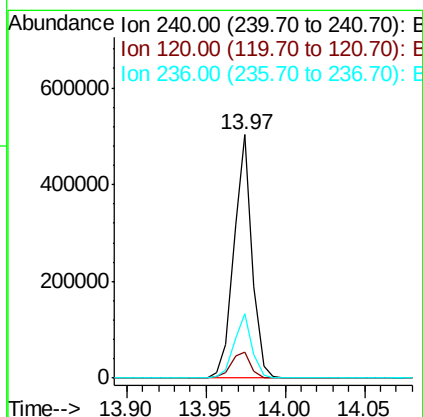
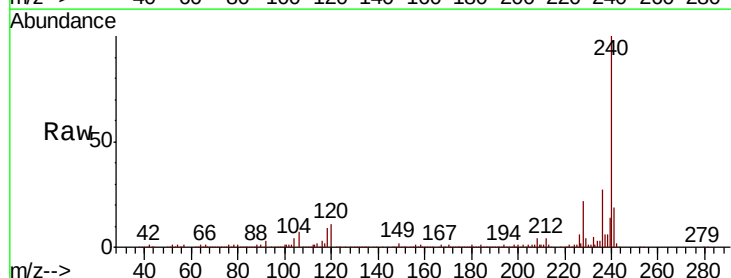
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130249BS

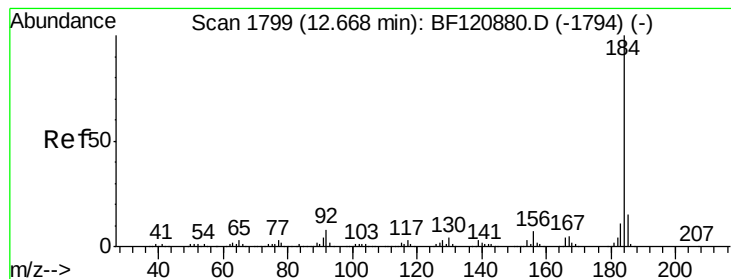
Tot Ion:202 Resp: 1202911  
 Ion Ratio Lower Upper  
 202 100  
 101 12.3 0.0 32.7  
 203 18.3 0.0 38.0



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.97 min Scan# 2021  
 Delta R.T. 0.00 min  
 Lab File: BF120912.D  
 Acq: 17 Jul 2020 9:53

Tgt Ion:240 Resp: 397111  
 Ion Ratio Lower Upper  
 240 100  
 120 10.9 9.0 13.4  
 236 26.6 21.7 32.5





#77

Benzidine

Concen: 52.325 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

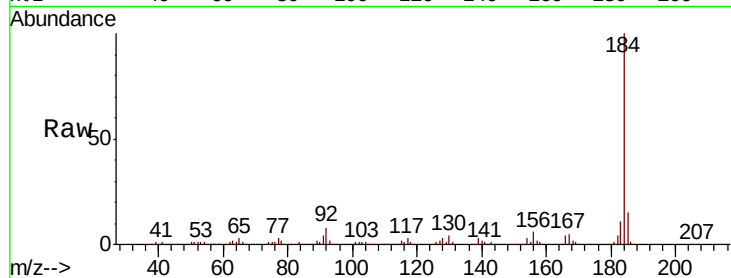
Tot Ion:184 Resp: 546317

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.2

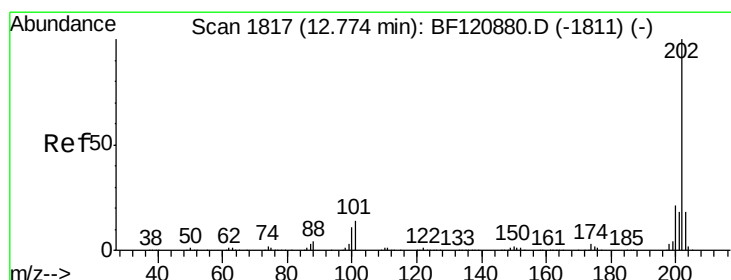
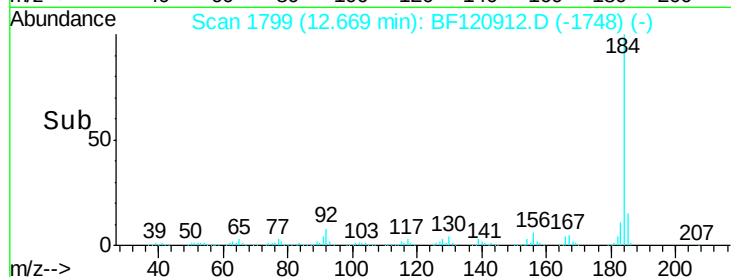
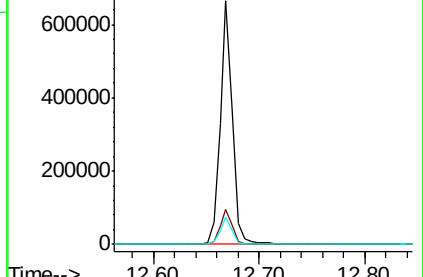
183 11.0 8.5 12.7



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: 43.397 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

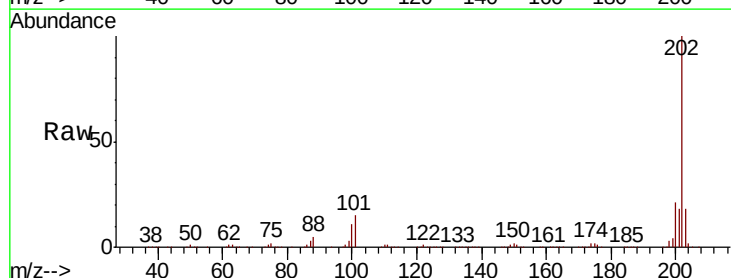
Tgt Ion:202 Resp: 1218412

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

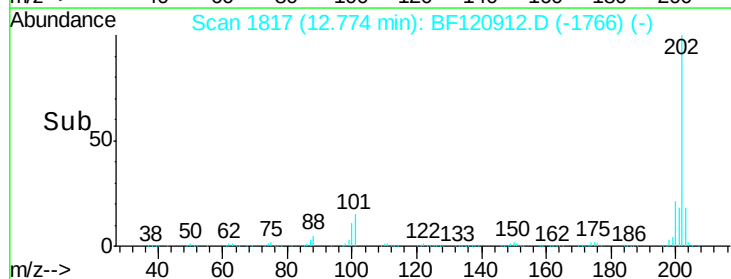
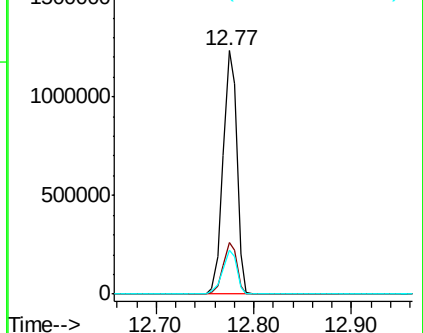
203 18.3 14.4 21.6

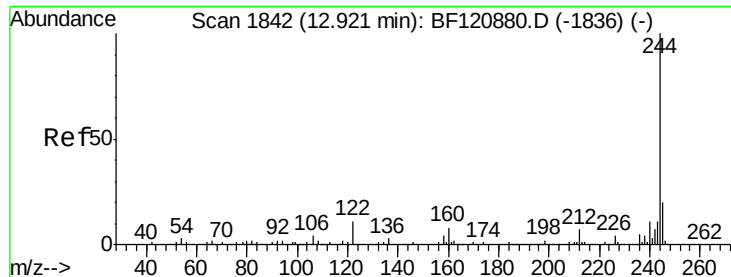


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.418 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

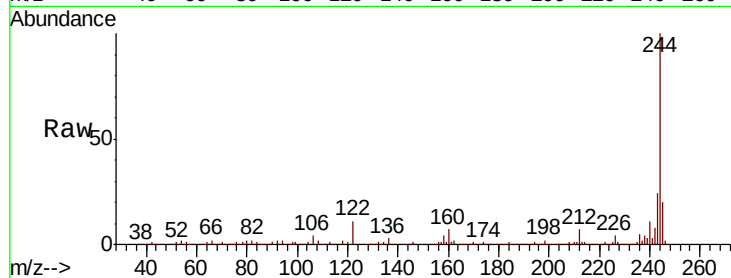
Tot Ion:244 Resp: 1213345

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

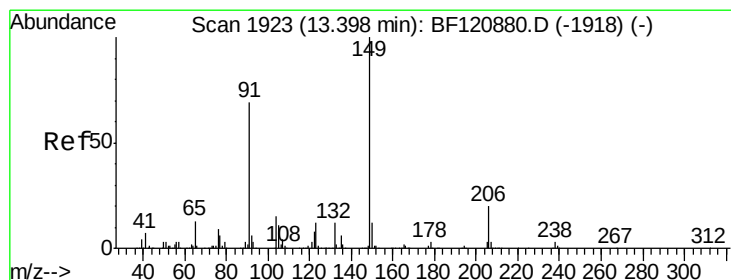
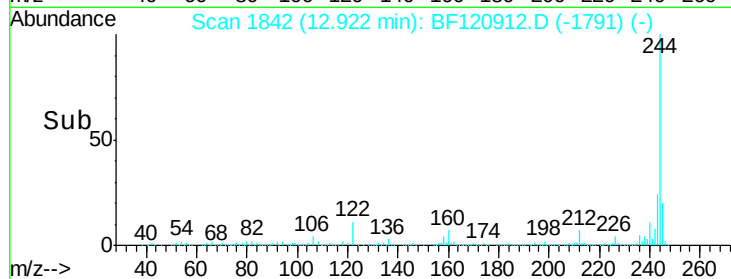
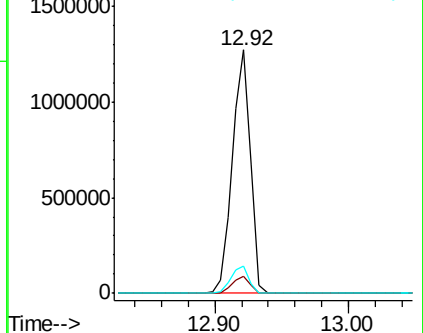
122 11.4 8.9 13.3



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: 41.012 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

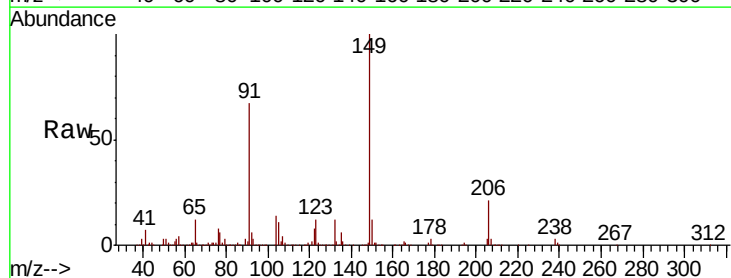
Tgt Ion:149 Resp: 513303

Ion Ratio Lower Upper

149 100

91 67.2 55.1 82.7

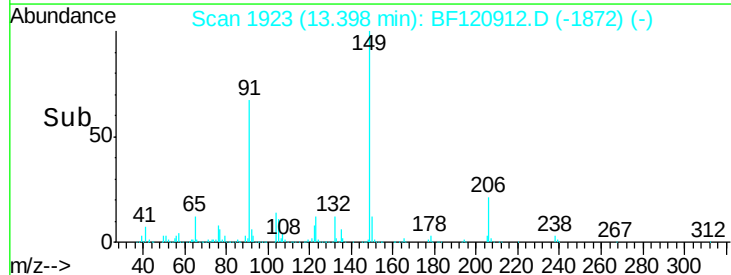
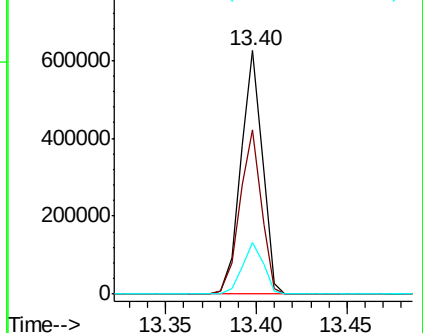
206 20.9 16.1 24.1

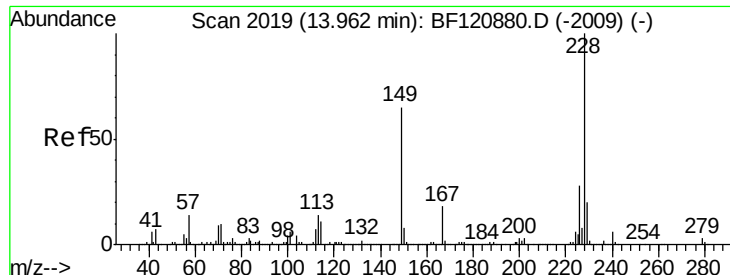


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.120 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

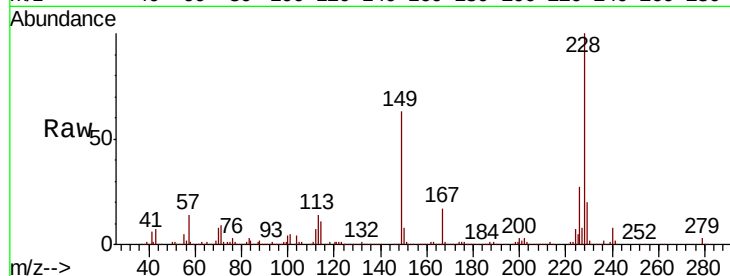
Tot Ion:228 Resp: 940710

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

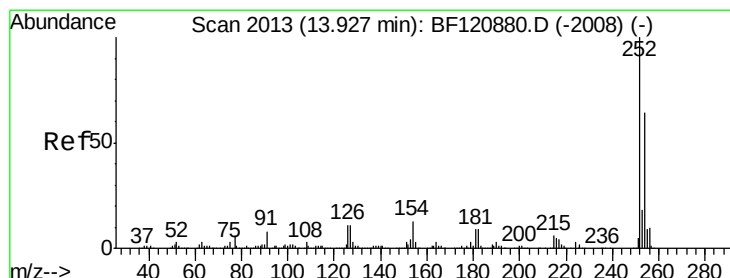
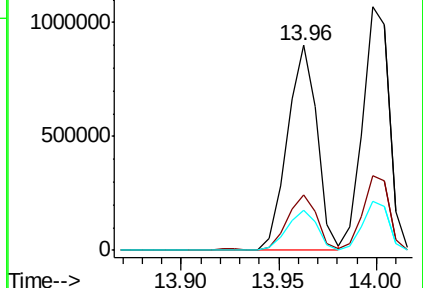
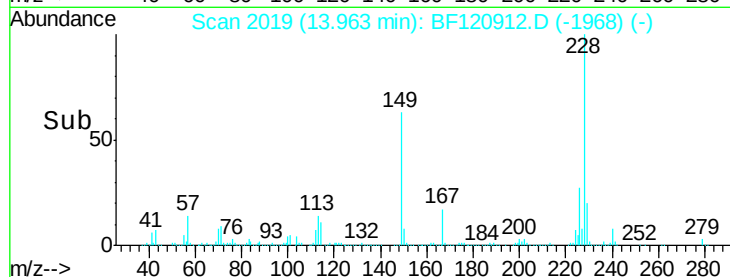
229 19.8 16.1 24.1



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: 34.061 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

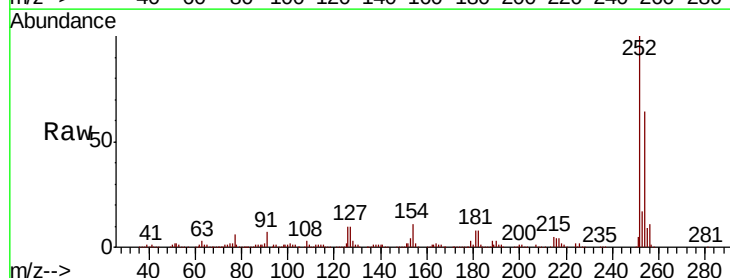
Tgt Ion:252 Resp: 309008

Ion Ratio Lower Upper

252 100

254 64.0 51.2 76.8

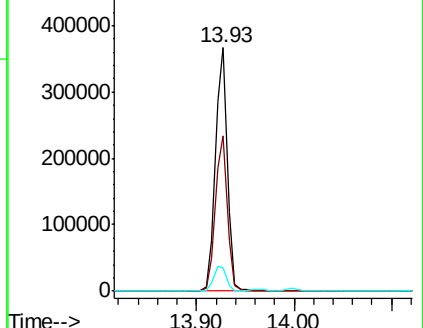
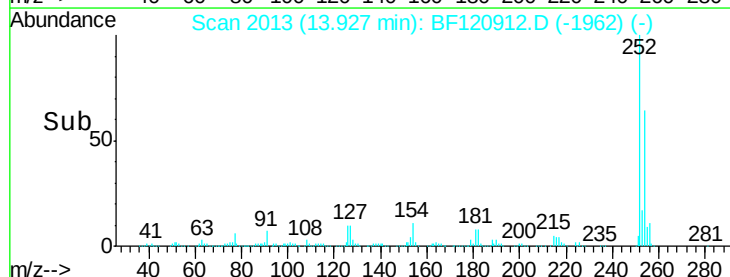
126 9.8 8.7 13.1

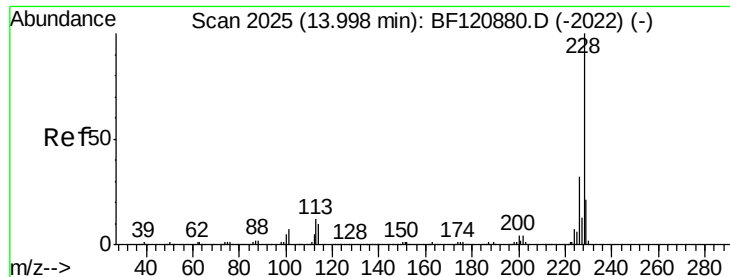


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.046 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

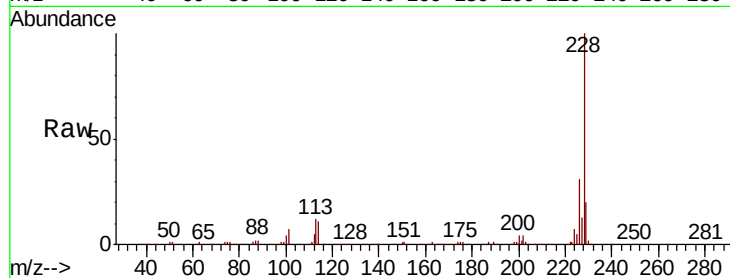
Tot Ion:228 Resp: 1012007

Ion Ratio Lower Upper

228 100

226 30.9 25.6 38.4

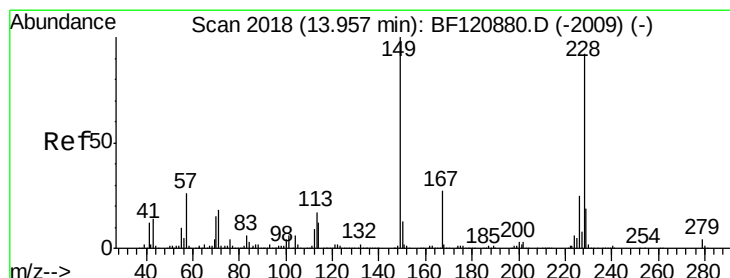
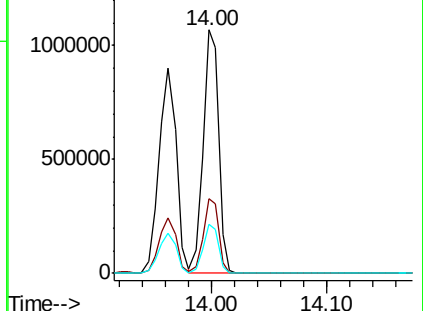
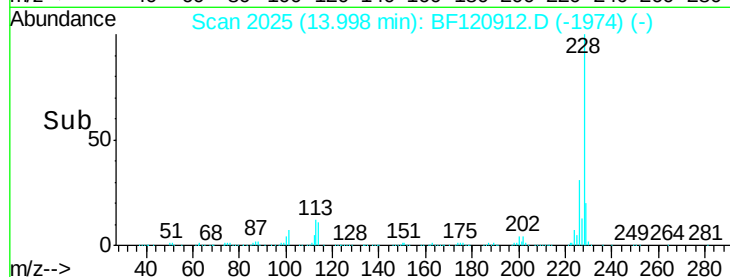
229 20.1 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.283 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

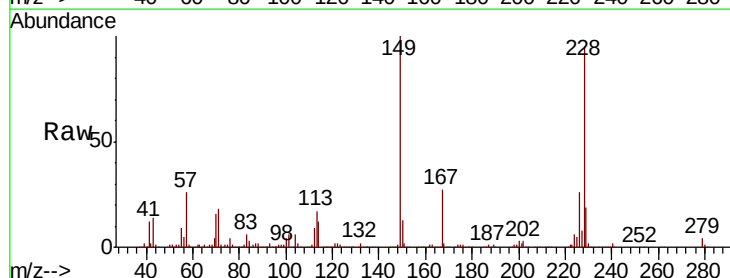
Tgt Ion:149 Resp: 637137

Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

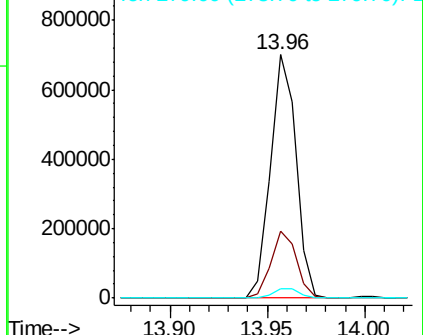
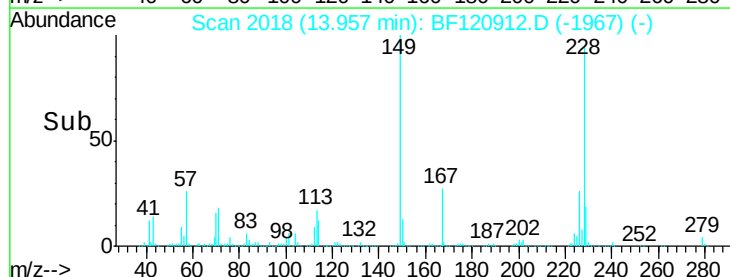
279 3.7 3.0 4.4

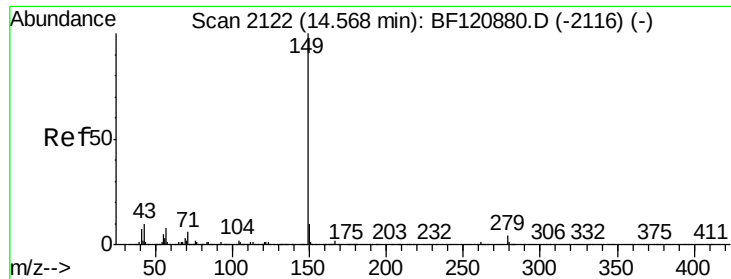


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

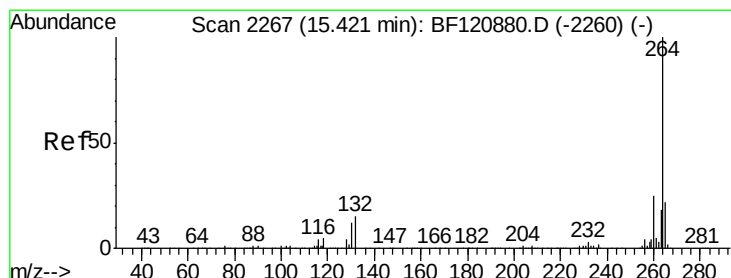
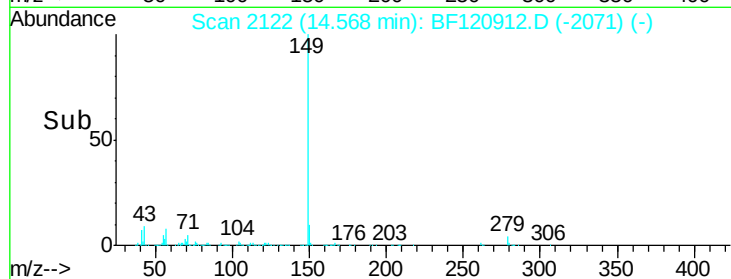
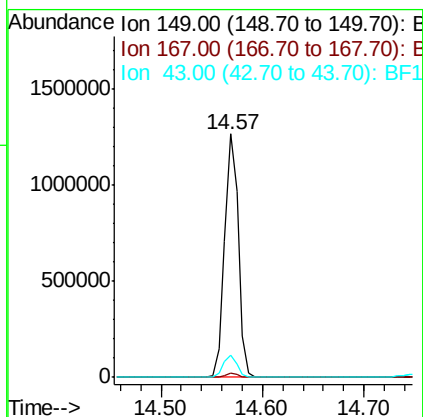
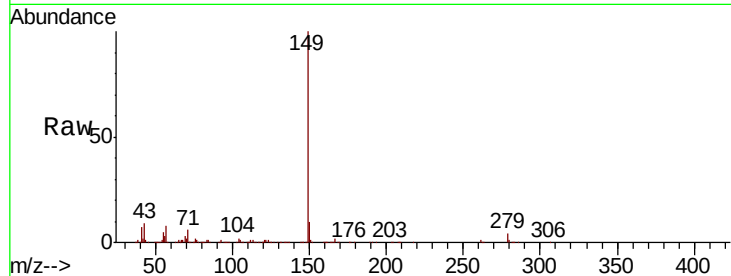




#85  
Di-n-octyl phthalate  
Concen: 38.689 ng  
RT: 14.57 min Scan# 2122  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

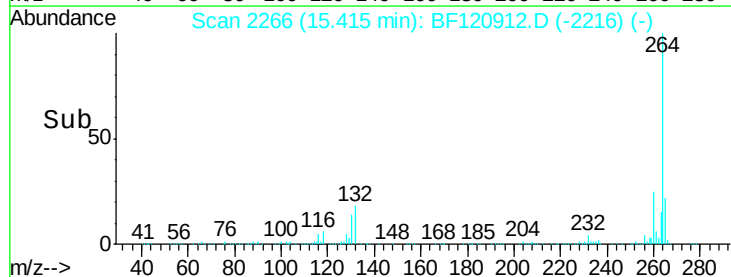
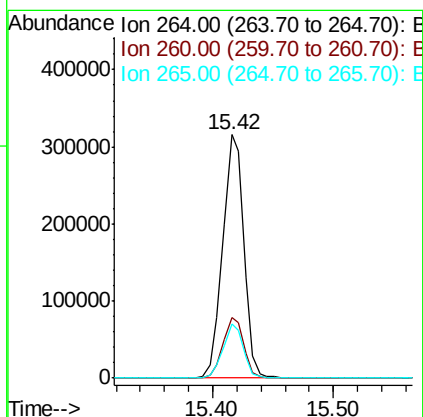
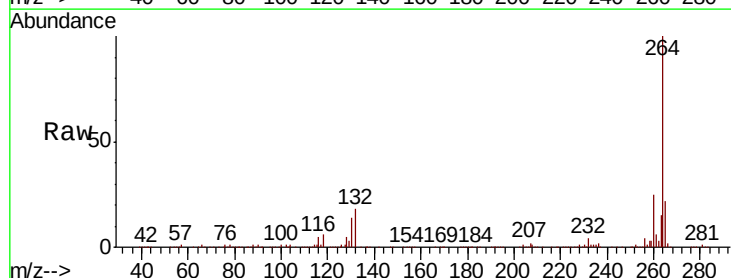
Instrument :  
BNA\_F  
ClientSampleId :  
PB130249BS

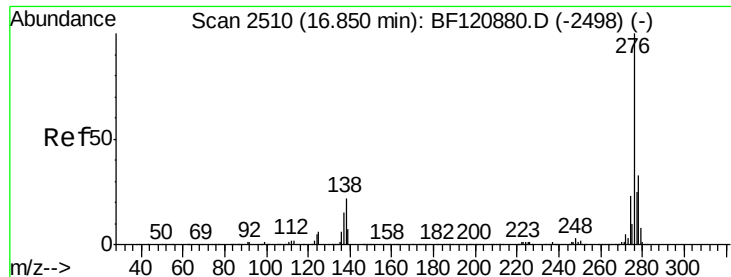
Tot Ion:149 Resp: 1187954  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 9.2 7.6 11.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.42 min Scan# 2266  
Delta R.T. -0.01 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

Tgt Ion:264 Resp: 380911  
Ion Ratio Lower Upper  
264 100  
260 25.1 20.0 30.0  
265 22.1 17.4 26.2

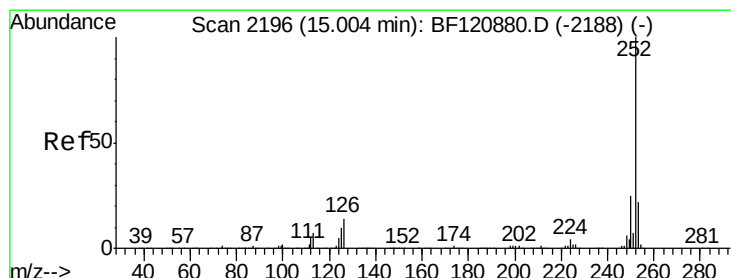
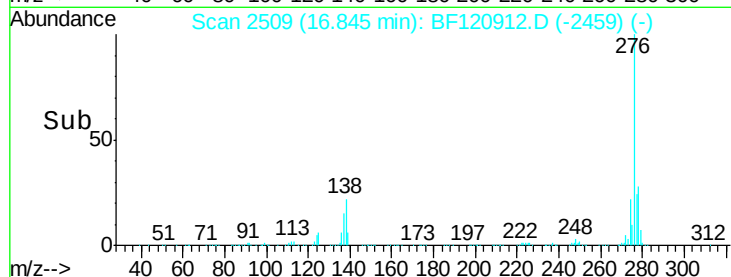
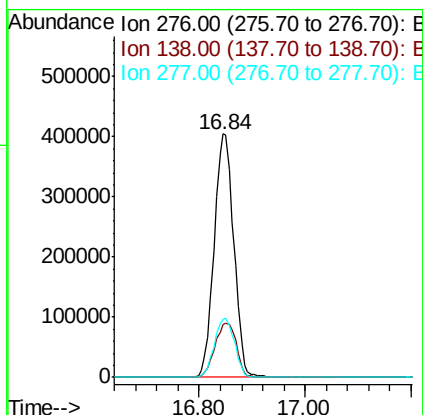
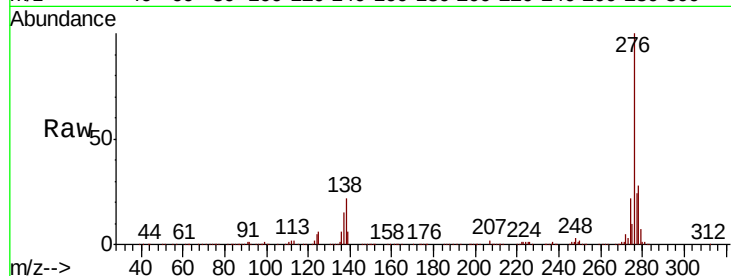




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 39.461 ng  
RT: 16.84 min Scan# 2509  
Delta R.T. -0.01 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

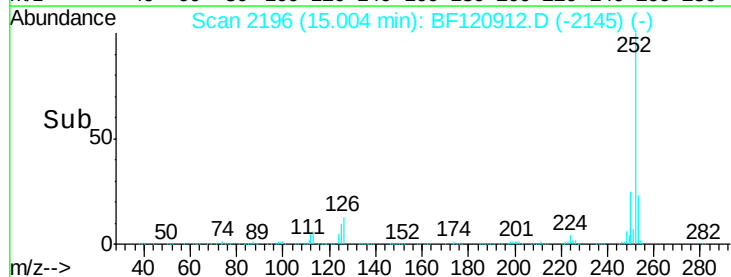
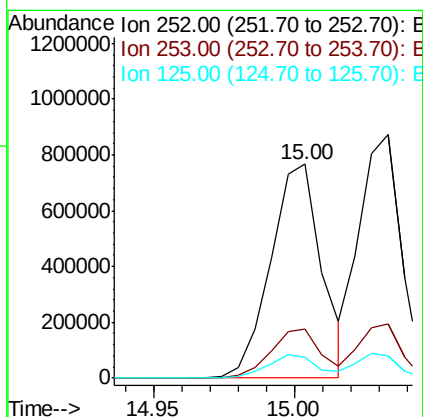
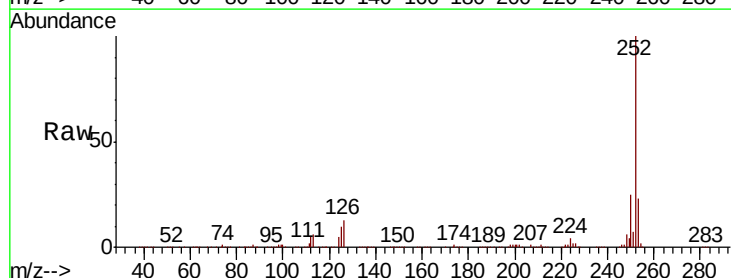
Instrument :  
BNA\_F  
ClientSampleId :  
PB130249BS

Tot Ion:276 Resp: 1045350  
Ion Ratio Lower Upper  
276 100  
138 24.4 19.8 29.8  
277 24.9 20.2 30.2

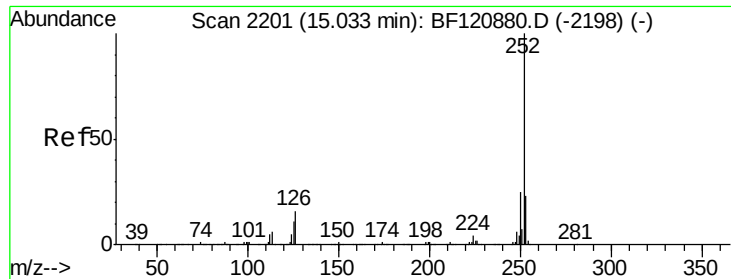


#88  
Benzo(b)fluoranthene  
Concen: 41.853 ng  
RT: 15.00 min Scan# 2196  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

Tgt Ion:252 Resp: 963659  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.0 27.0  
125 9.6 8.3 12.5



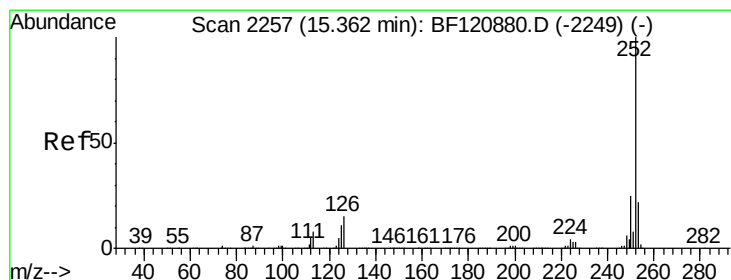
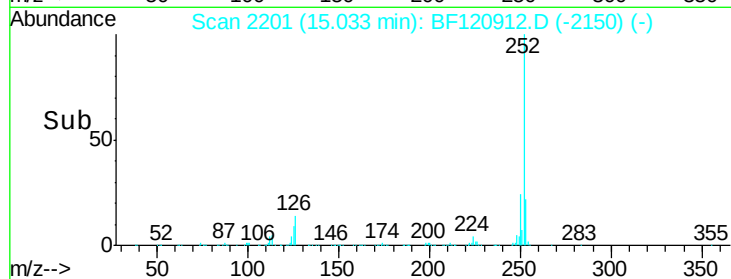
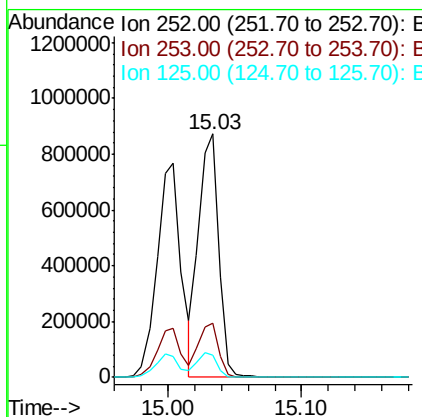
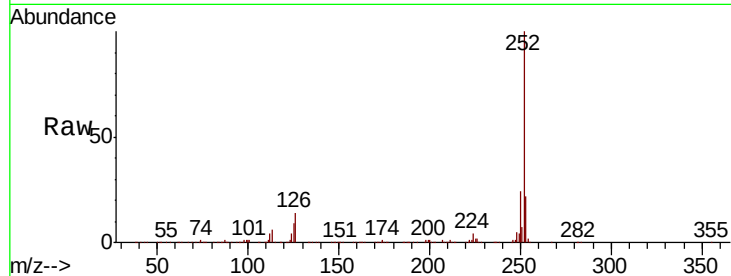




#89  
Benzo(k)fluoranthene  
Concen: 42.831 ng  
RT: 15.03 min Scan# 2201  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

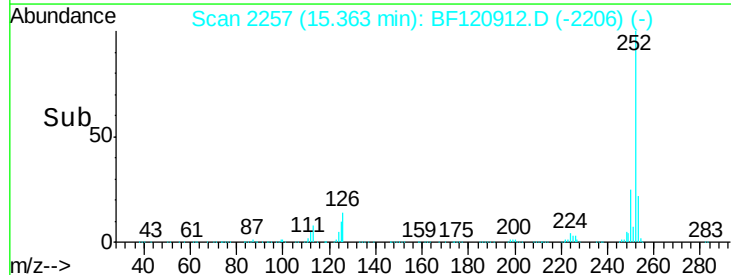
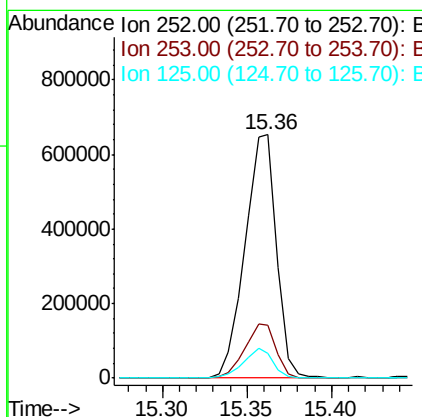
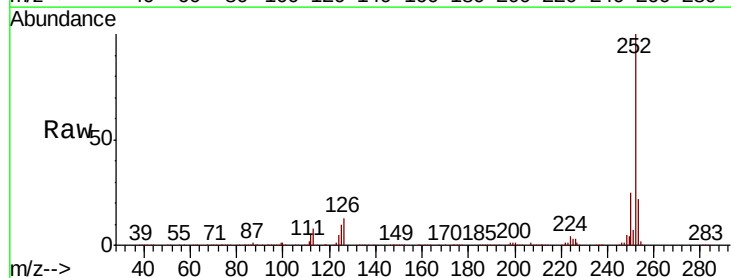
Instrument :  
BNA\_F  
ClientSampleId :  
PB130249BS

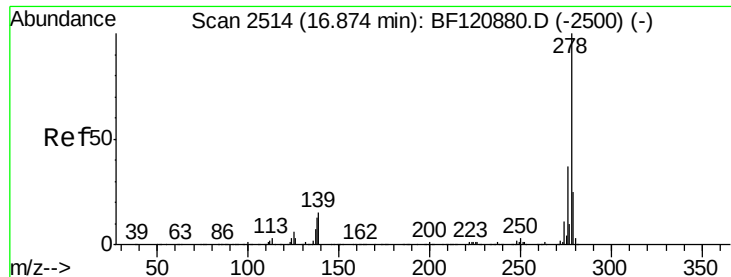
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.2  | 27.2  |
| 125     | 9.4   | 8.4   | 12.6  |



#90  
Benzo(a)pyrene  
Concen: 40.415 ng  
RT: 15.36 min Scan# 2257  
Delta R.T. 0.00 min  
Lab File: BF120912.D  
Acq: 17 Jul 2020 9:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.8  | 26.8  |
| 125     | 10.2  | 8.9   | 13.3  |





#91

Dibenzo(a,h)anthracene

Concen: 39.865 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA\_F

ClientSampleId :

PB130249BS

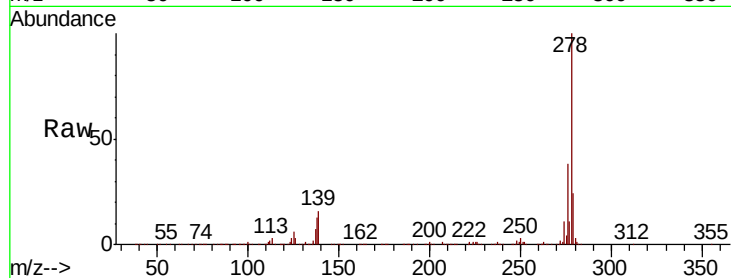
Tot Ion:278 Resp: 862653

Ion Ratio Lower Upper

278 100

139 15.6 12.3 18.5

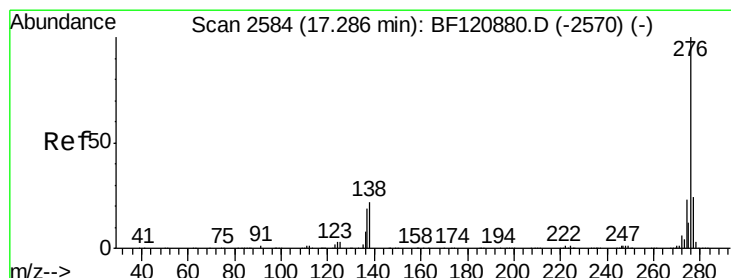
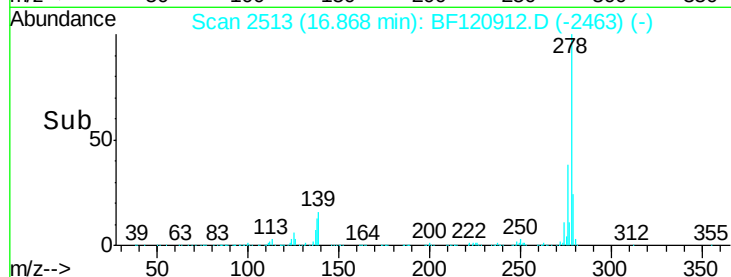
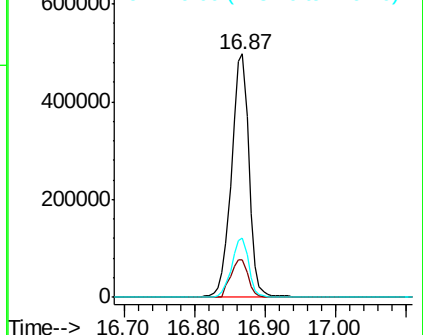
279 24.3 20.1 30.1



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: 40.035 ng

RT: 17.28 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

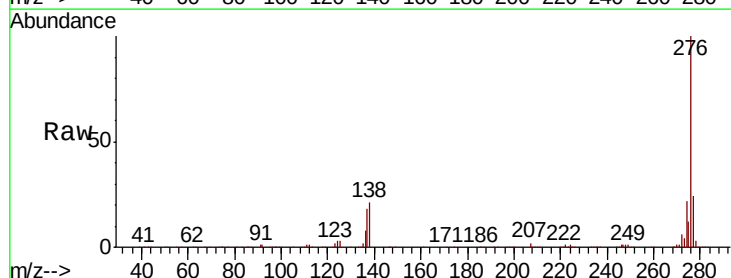
Tgt Ion:276 Resp: 854194

Ion Ratio Lower Upper

276 100

277 24.4 18.8 28.2

138 20.8 17.5 26.3



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

