

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\  
 Data File : BF120796.D  
 Acq On : 7 Jul 2020 19:23  
 Operator : JU/CG  
 Sample : L3202-02MSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMPMSD

Quant Time: Jul 08 03:18:23 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 02 18:51:52 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 155473   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.13  | 136  | 597793   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.89  | 164  | 298987   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.37 | 188  | 550264   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.02 | 240  | 394643   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.47 | 264  | 316447   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.47  | 112 | 1224216 | 121.55 | ng | 0.01 |
| 7) Phenol-d6             | 6.48  | 99  | 1361717 | 105.87 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.42  | 82  | 1106186 | 107.21 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.68 | 330 | 460198  | 153.21 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.22  | 172 | 1754103 | 88.76  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.96 | 244 | 2112663 | 104.81 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.68 | 88  | 191515  | 41.627 | ng | 100    |
| 3) Pyridine                    | 3.42 | 79  | 487077  | 38.651 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.36 | 42  | 300872  | 47.725 | ng | # 99   |
| 6) Aniline                     | 6.51 | 93  | 599115  | 36.269 | ng | 99     |
| 8) 2-Chlorophenol              | 6.63 | 128 | 534981  | 49.891 | ng | 99     |
| 9) Benzaldehyde                | 6.40 | 77  | 97805   | 12.786 | ng | 98     |
| 10) Phenol                     | 6.49 | 94  | 560438  | 42.357 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93  | 540205  | 50.173 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146 | 541206  | 45.854 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 546942  | 46.266 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.02 | 146 | 518497  | 46.101 | ng | 99     |
| 15) Benzyl Alcohol             | 6.99 | 79  | 460147  | 47.615 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45  | 792898  | 47.214 | ng | 100    |
| 17) 2-Methylphenol             | 7.10 | 107 | 422844  | 44.079 | ng | 98     |
| 18) Hexachloroethane           | 7.36 | 117 | 209956  | 47.253 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70  | 386928  | 49.962 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.26 | 107 | 491205  | 41.575 | ng | # 84   |
| 22) Acetophenone               | 7.26 | 105 | 713566  | 48.023 | ng | # 95   |
| 24) Nitrobenzene               | 7.43 | 77  | 599566  | 51.754 | ng | 100    |
| 25) Isophorone                 | 7.67 | 82  | 1071562 | 48.157 | ng | 99     |
| 26) 2-Nitrophenol              | 7.75 | 139 | 265799  | 54.032 | ng | 90     |
| 27) 2,4-Dimethylphenol         | 7.79 | 122 | 451323  | 50.810 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93  | 677353  | 51.434 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.99 | 162 | 441485  | 49.787 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.07 | 180 | 476047  | 47.797 | ng | 100    |
| 31) Naphthalene                | 8.16 | 128 | 1523481 | 47.687 | ng | 100    |
| 32) Benzoic acid               | 7.85 | 122 | 43498   | 10.540 | ng | 98     |
| 33) 4-Chloroaniline            | 8.20 | 127 | 338230  | 24.949 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.27 | 225 | 272273  | 45.454 | ng | 98     |
| 35) Caprolactam                | 8.57 | 113 | 96780m  | 37.456 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.68 | 107 | 464018  | 50.305 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.85 | 142 | 1037740 | 49.968 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.95 | 142 | 975664  | 50.154 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 438048  | 48.477 | ng | 99     |

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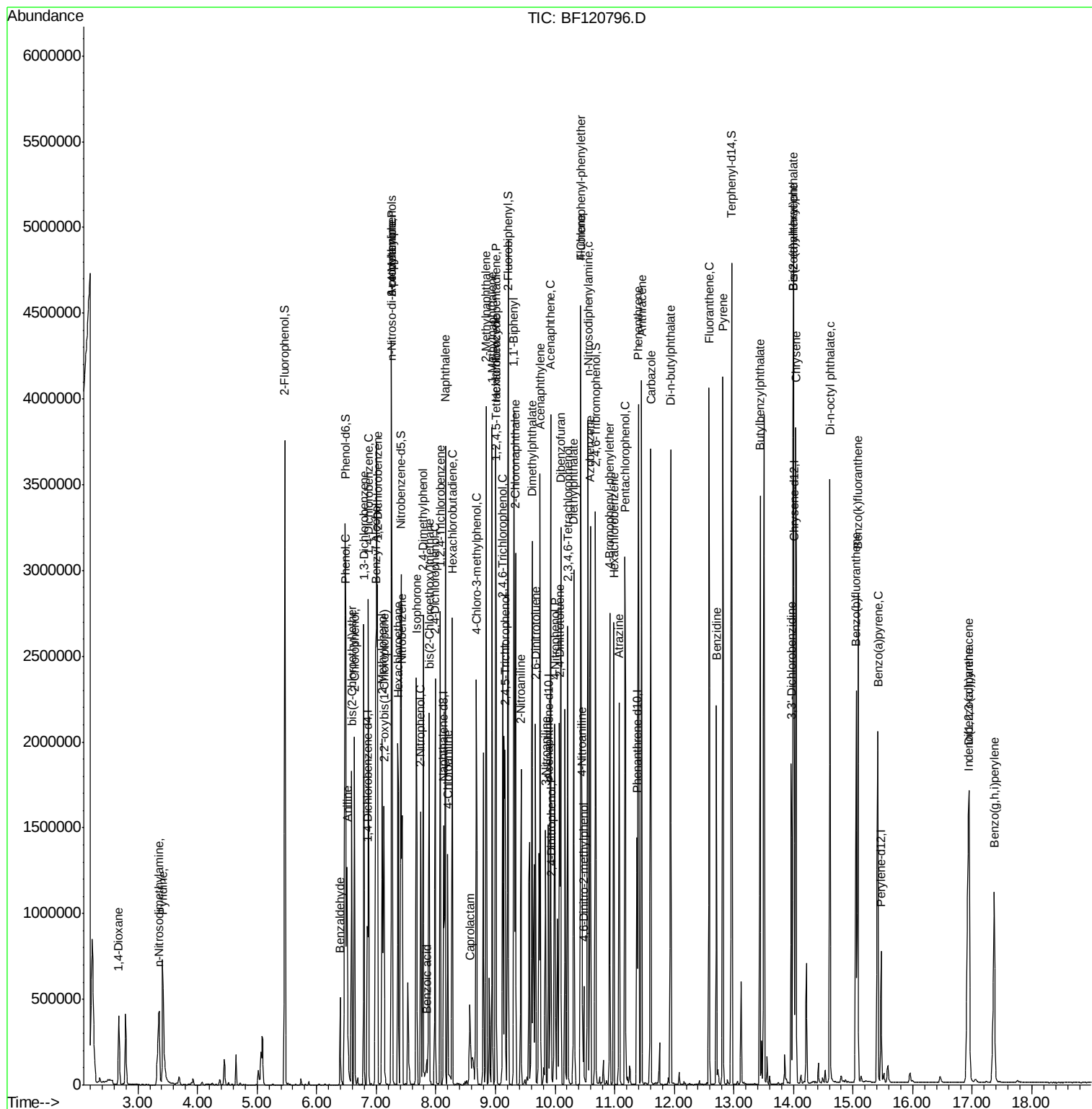
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.00  | 237  | 446757   | 83.680 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.12  | 196  | 317046   | 51.491 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.16  | 196  | 335830   | 49.146 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 9.31  | 154  | 1228624  | 50.944 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 9.34  | 162  | 959404   | 49.656 | nq    | 98       |
| 48) 2-Nitroaniline             | 9.43  | 65   | 318352   | 54.645 | nq    | 97       |
| 49) Acenaphthylene             | 9.75  | 152  | 1492074  | 49.257 | nq    | 99       |
| 50) Dimethylphthalate          | 9.62  | 163  | 1253006  | 57.450 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.67  | 165  | 239526   | 54.914 | nq    | 90       |
| 52) Acenaphthene               | 9.93  | 154  | 925172   | 49.232 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.84  | 138  | 199061   | 37.919 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 9.94  | 184  | 42064    | 31.259 | nq    | 90       |
| 55) Dibenzofuran               | 10.10 | 168  | 1353259  | 49.958 | nq    | 98       |
| 56) 4-Nitrophenol              | 10.00 | 139  | 333298   | 83.240 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.07 | 165  | 315457   | 57.757 | nq    | 93       |
| 58) Fluorene                   | 10.44 | 166  | 976537   | 48.434 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.21 | 232  | 277997   | 54.670 | nq    | 93       |
| 60) Diethylphthalate           | 10.32 | 149  | 1147086  | 50.488 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.43 | 204  | 468315   | 46.204 | nq    | 99       |
| 62) 4-Nitroaniline             | 10.46 | 138  | 257646   | 55.598 | nq    | 96       |
| 63) Azobenzene                 | 10.59 | 77   | 1149439  | 49.456 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.48 | 198  | 52752    | 26.477 | nq    | 85       |
| 66) n-Nitrosodiphenylamine     | 10.55 | 169  | 944070   | 51.187 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.92 | 248  | 314624   | 49.290 | nq    | 98       |
| 68) Hexachlorobenzene          | 10.99 | 284  | 346498   | 51.731 | nq    | # 91     |
| 69) Atrazine                   | 11.08 | 200  | 272325   | 57.314 | nq    | 99       |
| 70) Pentachlorophenol          | 11.17 | 266  | 347749   | 91.764 | nq    | 98       |
| 71) Phenanthrene               | 11.40 | 178  | 1496074  | 50.109 | nq    | 99       |
| 72) Anthracene                 | 11.45 | 178  | 1551717  | 51.432 | nq    | 99       |
| 73) Carbazole                  | 11.60 | 167  | 1438424  | 49.613 | nq    | 100      |
| 74) Di-n-butylphthalate        | 11.94 | 149  | 1772240  | 49.373 | nq    | 99       |
| 75) Fluoranthene               | 12.59 | 202  | 1634904  | 51.403 | nq    | 99       |
| 77) Benzidine                  | 12.71 | 184  | 803780   | 72.158 | nq    | 99       |
| 78) Pyrene                     | 12.82 | 202  | 1634352  | 51.854 | nq    | 100      |
| 80) Butylbenzylphthalate       | 13.44 | 149  | 762385   | 56.026 | nq    | 98       |
| 81) Benzo(a)anthracene         | 14.00 | 228  | 1213881  | 47.985 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.96 | 252  | 355484   | 41.641 | nq    | # 98     |
| 83) Chrysene                   | 14.04 | 228  | 1344439  | 52.102 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.00 | 149  | 903348   | 50.624 | nq    | # 97     |
| 85) Di-n-octyl phthalate       | 14.61 | 149  | 1760222  | 55.759 | nq    | 98       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.93 | 276  | 1186061  | 58.434 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 15.05 | 252  | 1164109  | 55.956 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.08 | 252  | 1156467  | 57.128 | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.42 | 252  | 1006247  | 54.221 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.95 | 278  | 1013833  | 59.929 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.37 | 276  | 928482   | 60.052 | nq    | 99       |

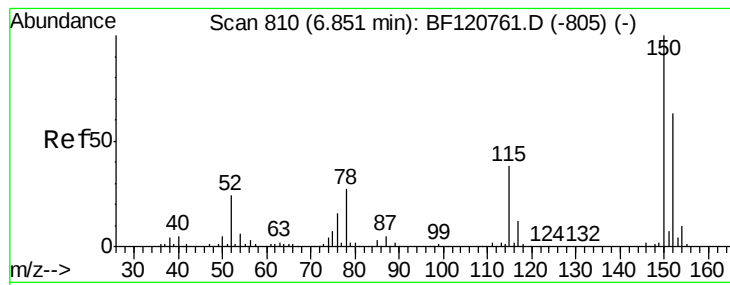
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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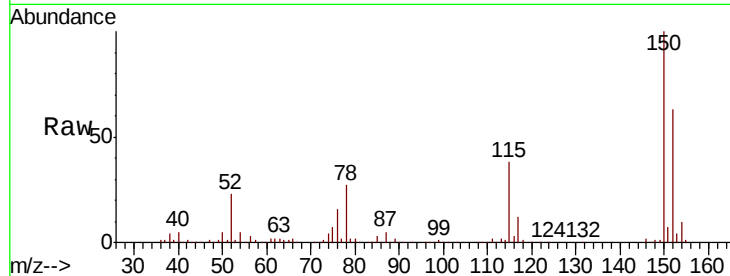




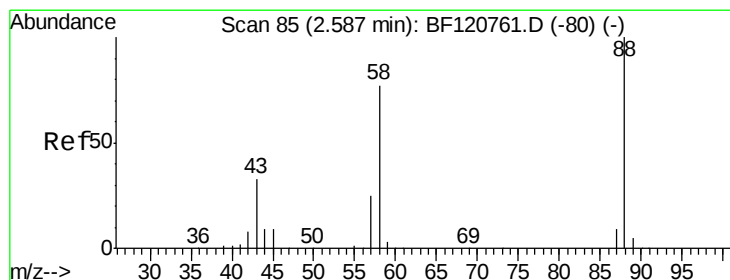
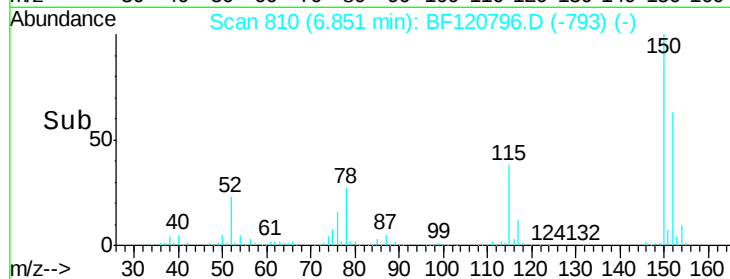
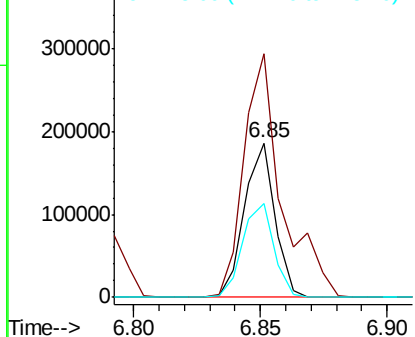
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.85 min Scan# 810  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMPMSD

Tot Ion:152 Resp: 155473  
 Ion Ratio Lower Upper  
 152 100  
 150 157.6 126.1 189.1  
 115 60.6 48.5 72.7

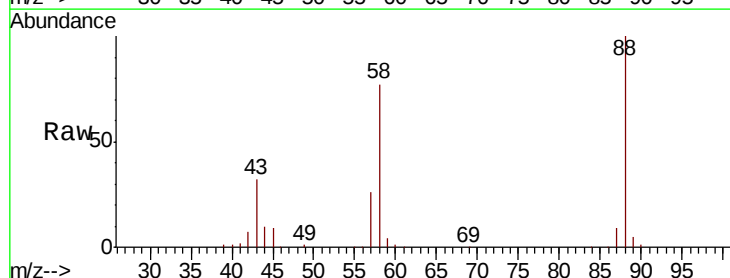


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

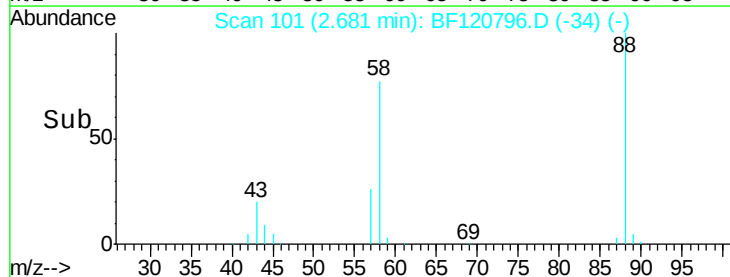
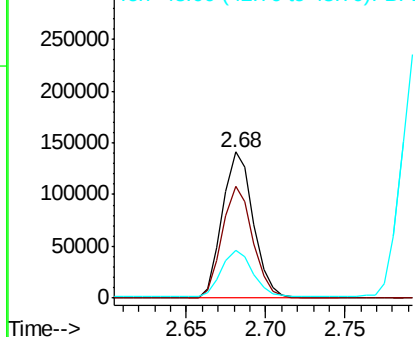


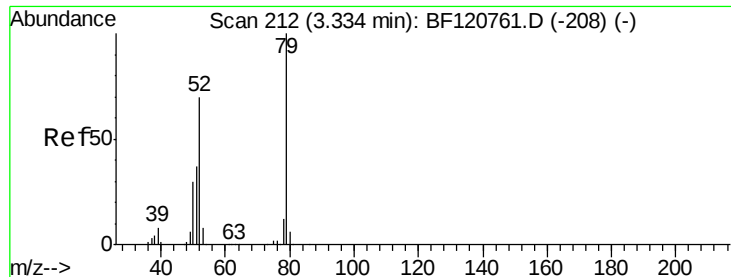
#2  
 1,4-Dioxane  
 Concen: 41.627 ng  
 RT: 2.68 min Scan# 101  
 Delta R.T. 0.09 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Tgt Ion: 88 Resp: 191515  
 Ion Ratio Lower Upper  
 88 100  
 58 75.7 60.4 90.6  
 43 32.7 26.3 39.5



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





#3

Pvridine

Concen: 38.651 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.08 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

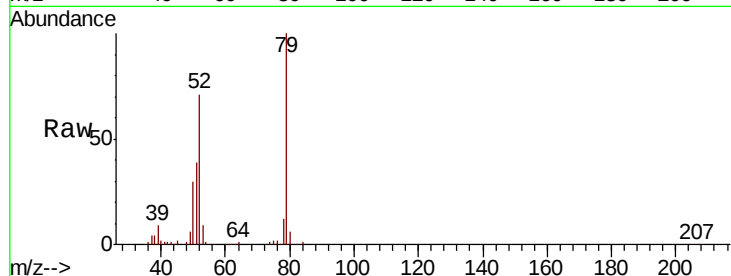
Tot Ion: 79 Resp: 487077

Ion Ratio Lower Upper

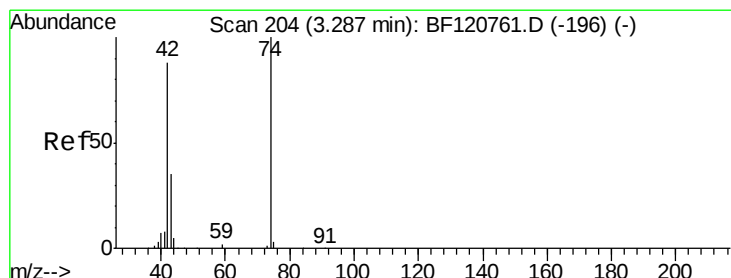
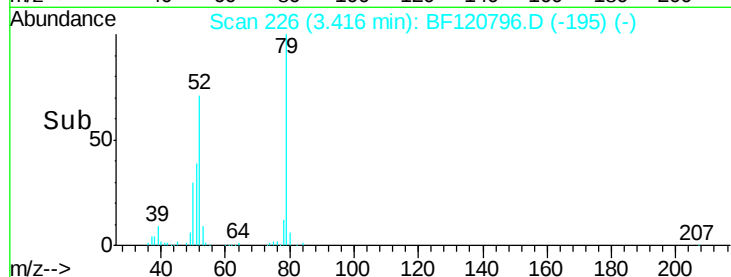
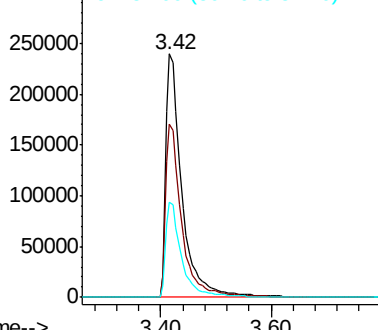
79 100

52 71.3 56.3 84.5

51 38.9 30.1 45.1



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 47.725 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.07 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

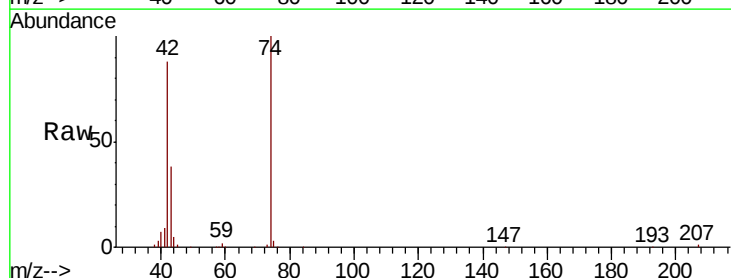
Tgt Ion: 42 Resp: 300872

Ion Ratio Lower Upper

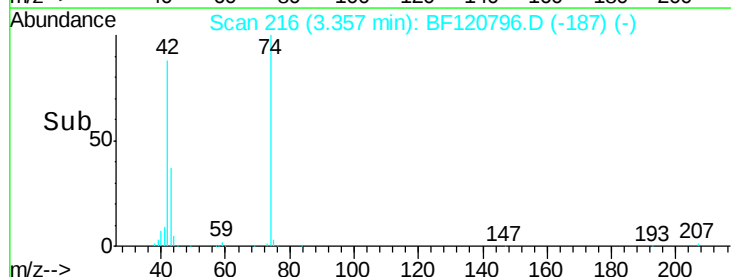
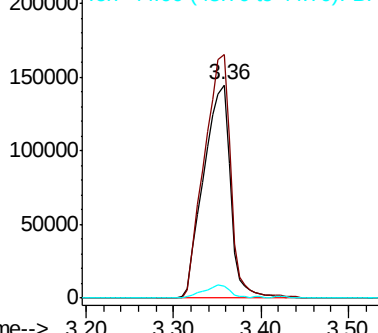
42 100

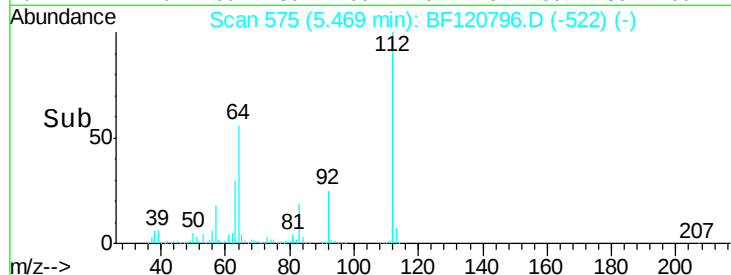
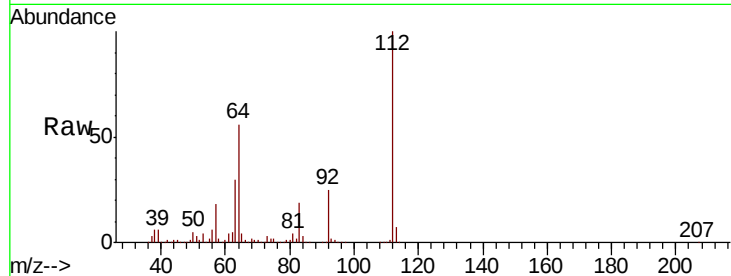
74 114.0 90.8 136.2

44 5.8 5.8 8.8#



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 121.549 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF120796.D

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Instrument :

BNA\_F

ClientSampleId :

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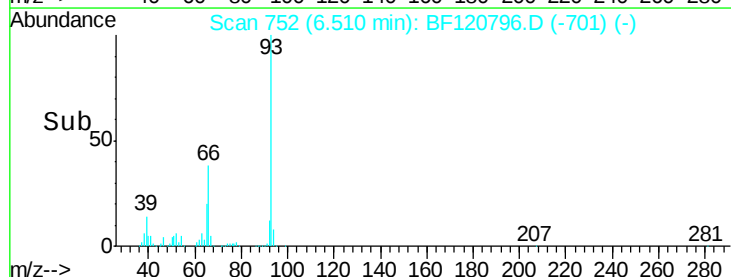
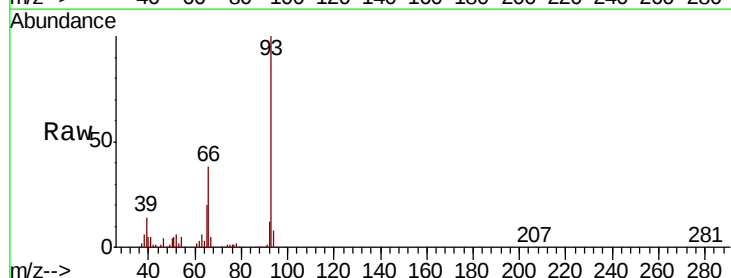
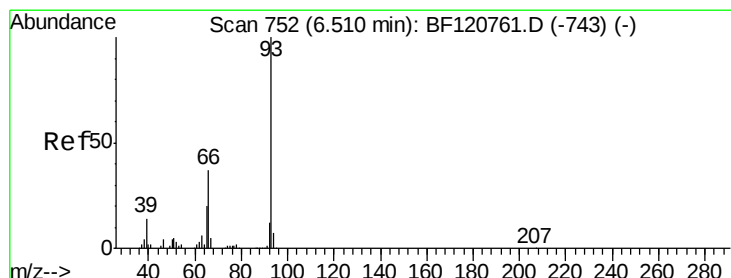
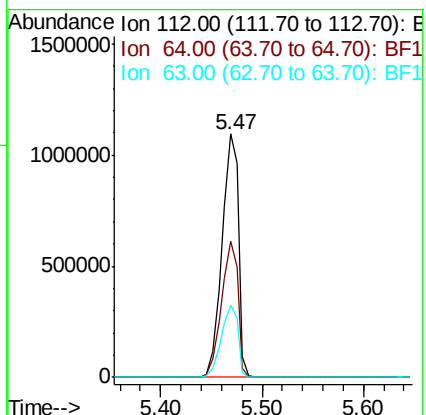
Tot Ion:112 Resp: 1224216

Ion Ratio Lower Upper

112 100

64 56.2 43.8 65.6

63 29.8 23.6 35.4



#6

Aniline

Concen: 36.269 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

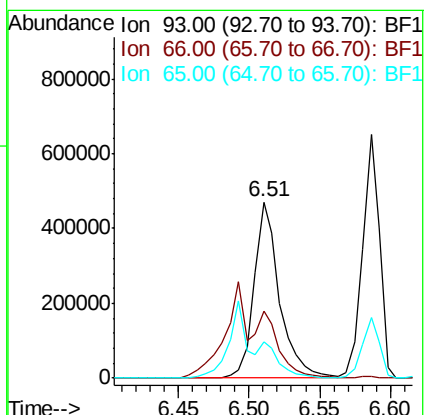
Tgt Ion: 93 Resp: 599115

Ion Ratio Lower Upper

93 100

66 38.1 31.3 46.9

65 20.5 16.5 24.7





#7

Phenol-d6

Concen: 105.871 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

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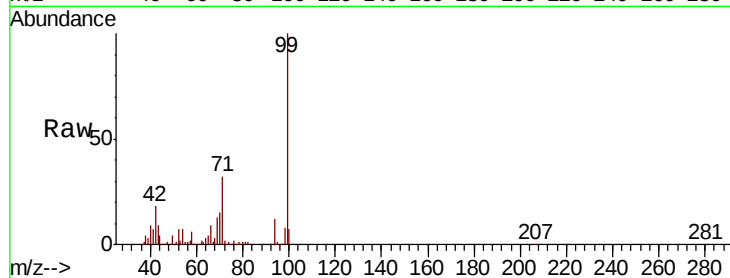
Tot Ion: 99 Resp: 1361717

Ion Ratio Lower Upper

99 100

42 18.5 15.4 23.0

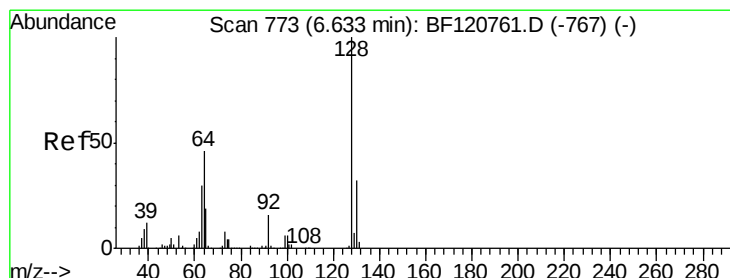
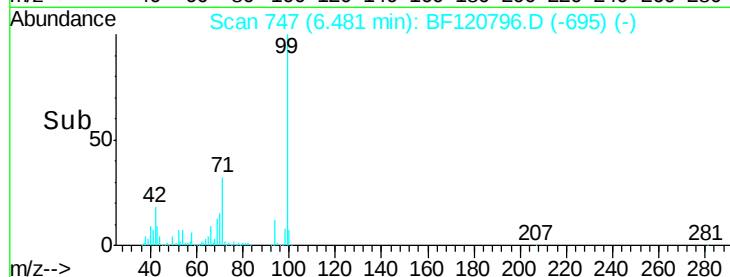
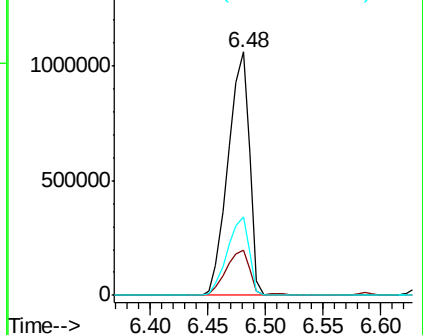
71 32.0 25.9 38.9



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: 49.891 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

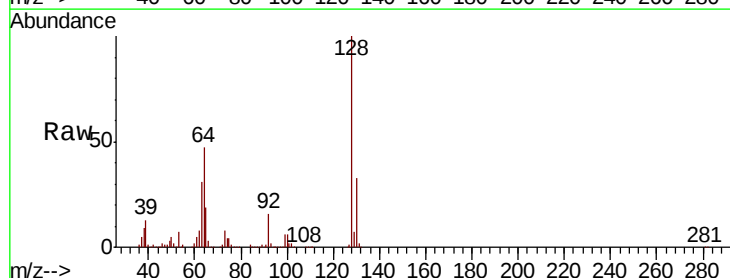
Tgt Ion:128 Resp: 534981

Ion Ratio Lower Upper

128 100

130 32.9 12.1 52.1

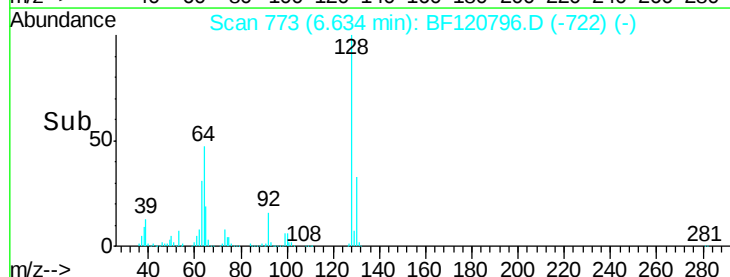
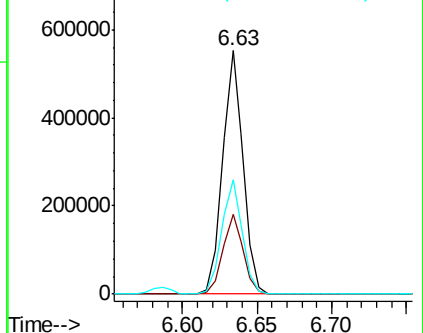
64 47.0 26.3 66.3

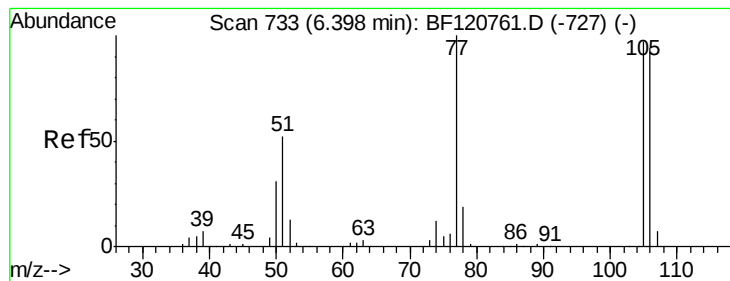


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.786 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

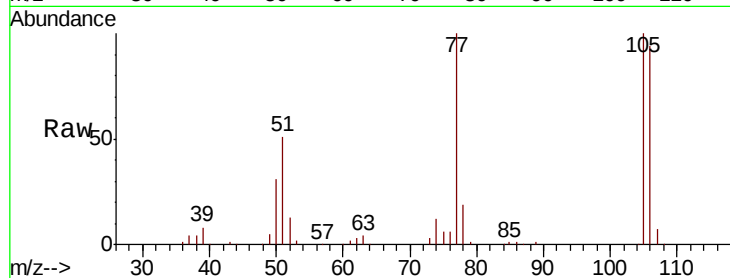
Tot Ion: 77 Resp: 97805

Ion Ratio Lower Upper

77 100

105 99.6 76.8 116.8

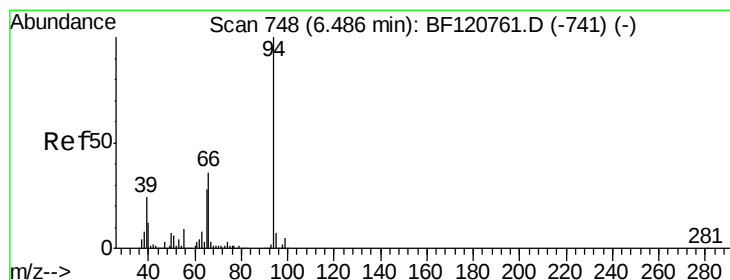
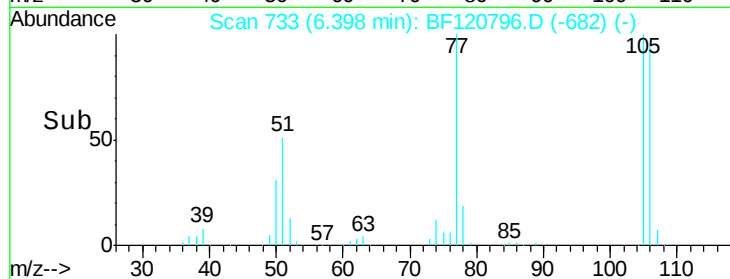
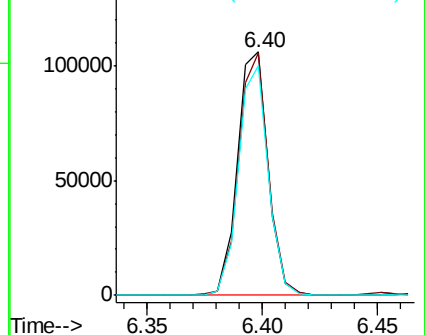
106 94.4 73.8 113.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.357 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

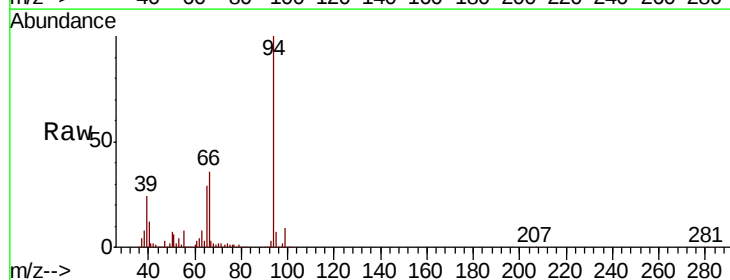
Tgt Ion: 94 Resp: 560438

Ion Ratio Lower Upper

94 100

65 29.1 8.4 48.4

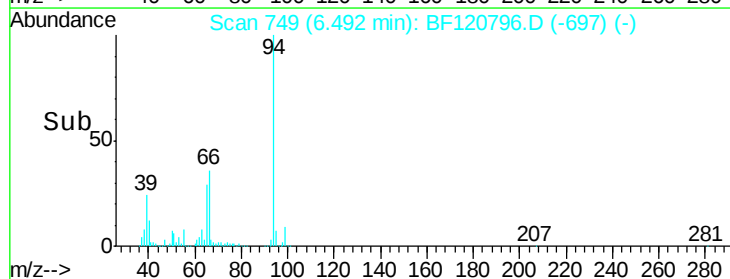
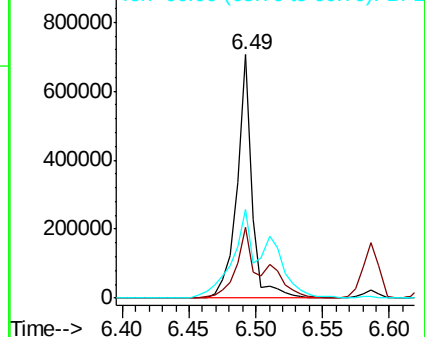
66 36.4 16.5 56.5

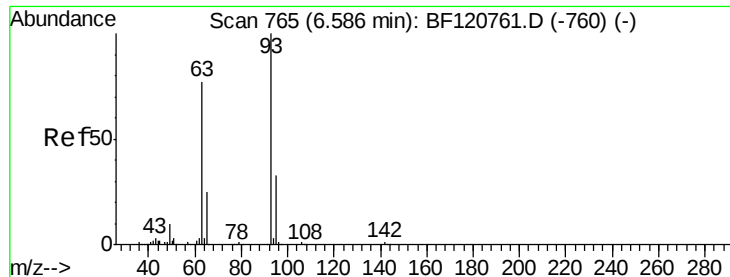


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



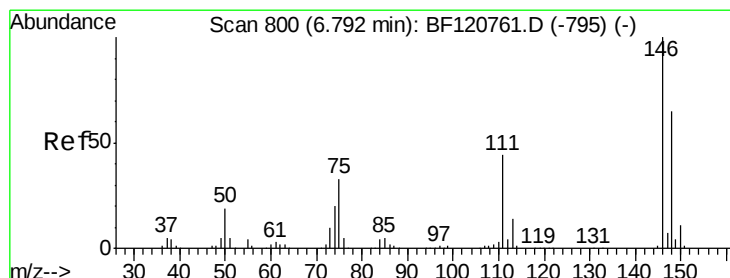
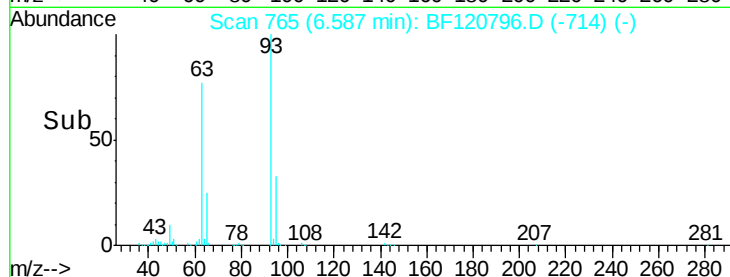
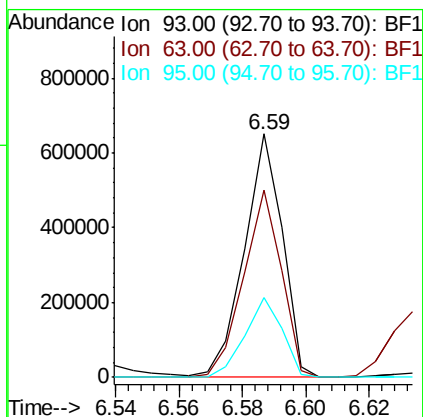
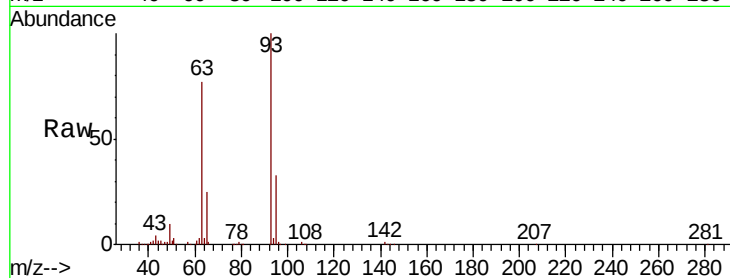


#11

bis(2-Chloroethyl)ether  
Concen: 50.173 ng  
RT: 6.59 min Scan# 765  
Delta R.T. 0.00 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

Instrument :  
BNA\_F  
ClientSampleId :  
RO-COMPMSD

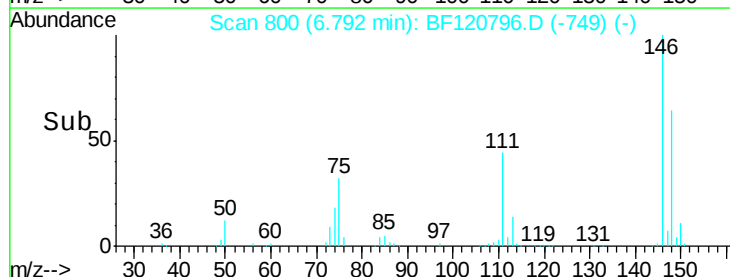
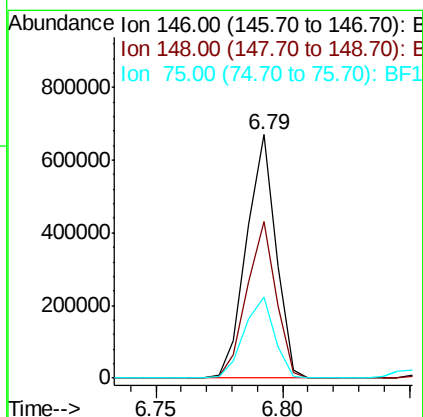
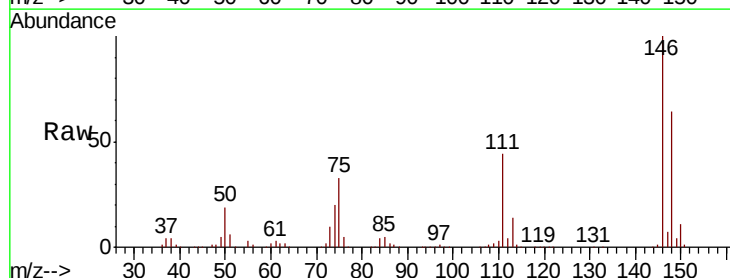
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.8  | 56.9  | 96.9  |
| 95      | 32.8  | 13.3  | 53.3  |

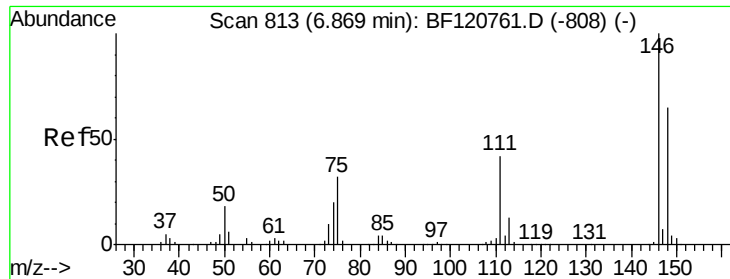


#12

1,3-Dichlorobenzene  
Concen: 45.854 ng  
RT: 6.79 min Scan# 800  
Delta R.T. 0.00 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 52.1  | 78.1  |
| 75      | 33.2  | 26.0  | 39.0  |

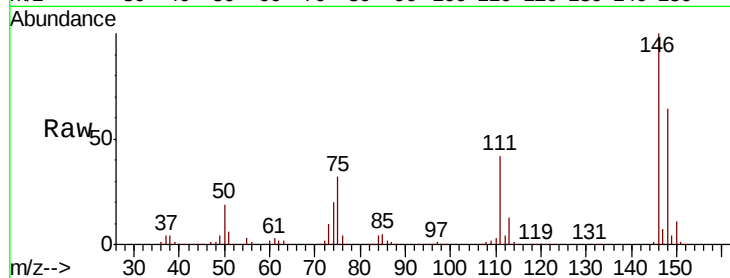




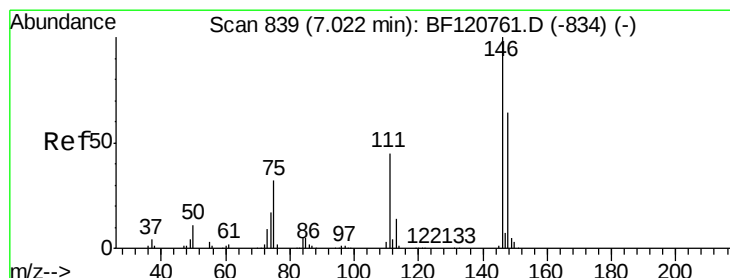
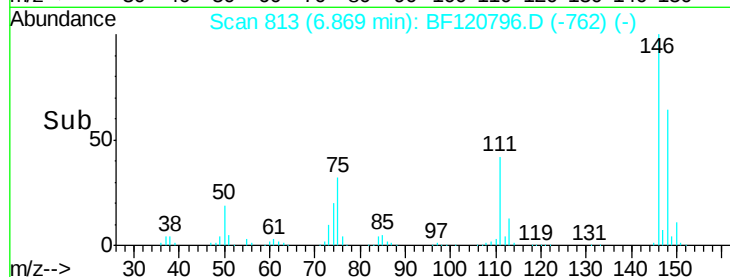
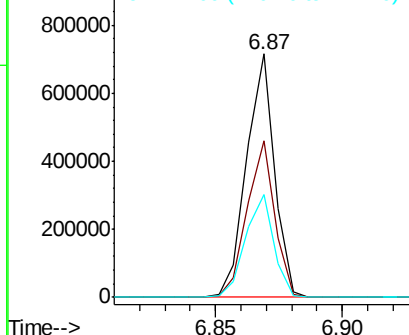
#13  
 1,4-Dichlorobenzene  
 Concen: 46.266 ng  
 RT: 6.87 min Scan# 813  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMPMSD

Tot Ion:146 Resp: 546942  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 51.8 77.6  
 111 42.5 33.7 50.5

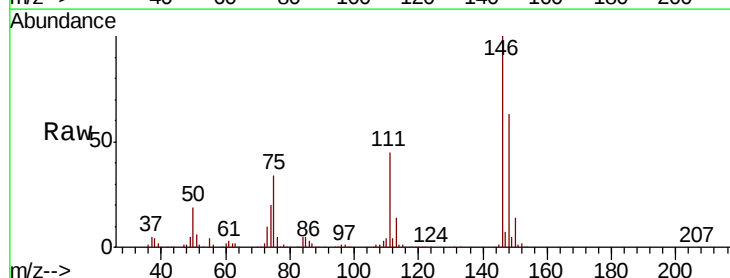


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

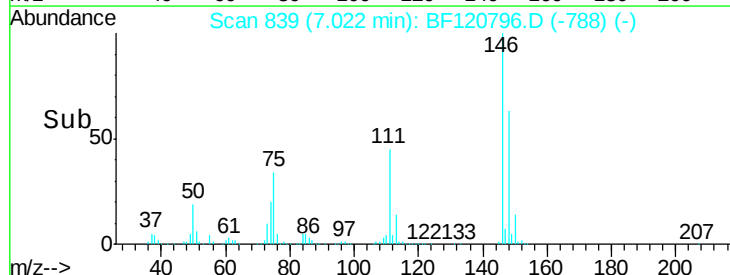
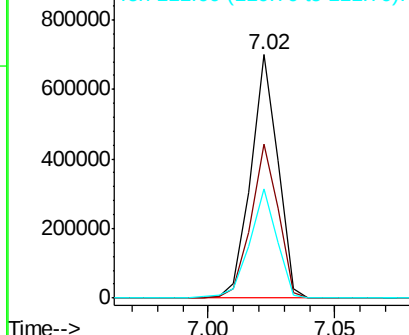


#14  
 1,2-Dichlorobenzene  
 Concen: 46.101 ng  
 RT: 7.02 min Scan# 839  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Tgt Ion:146 Resp: 518497  
 Ion Ratio Lower Upper  
 146 100  
 148 63.0 51.0 76.4  
 111 44.8 35.7 53.5



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: 47.615 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

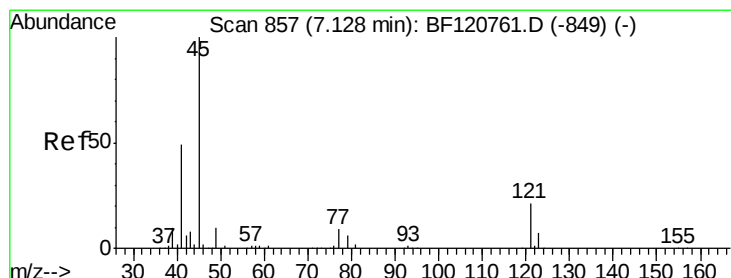
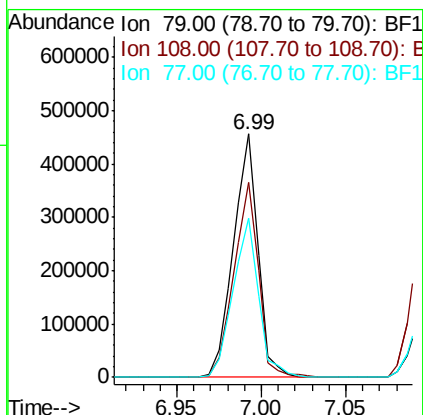
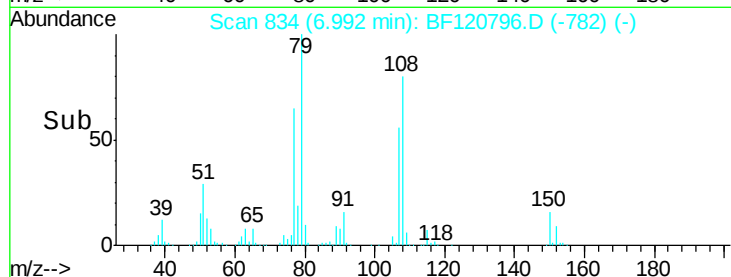
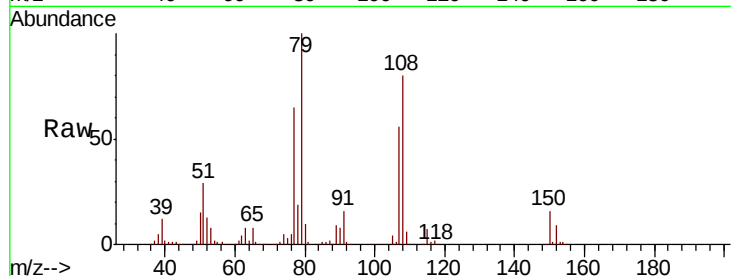
Tot Ion: 79 Resp: 460147

Ion Ratio Lower Upper

79 100

108 79.8 62.4 93.6

77 65.4 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.214 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

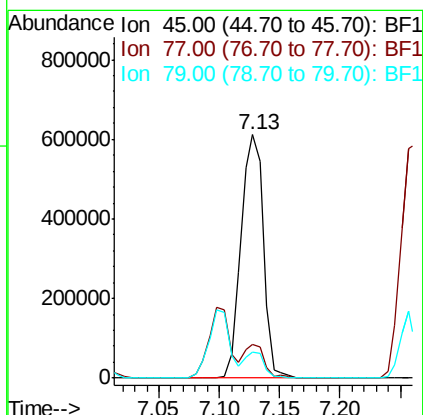
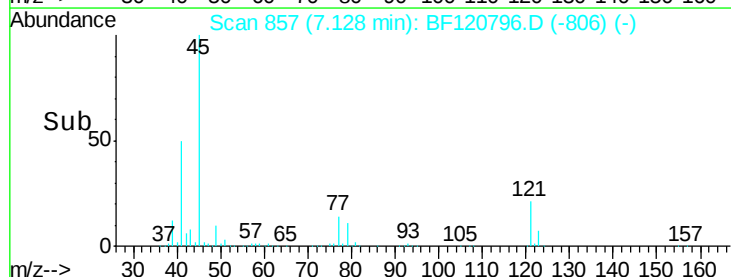
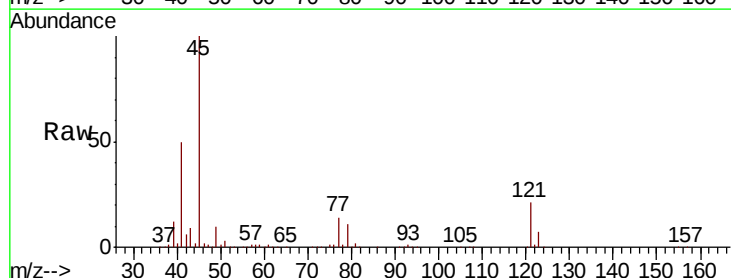
Tgt Ion: 45 Resp: 792898

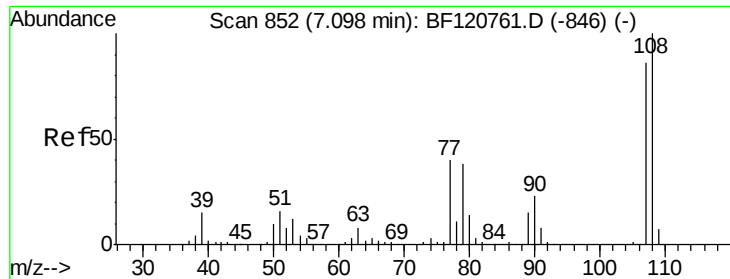
Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.7

79 10.6 0.0 30.5

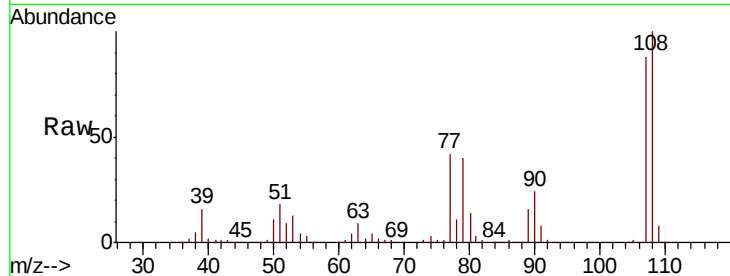




#17  
2-Methylphenol  
Concen: 44.079 ng  
RT: 7.10 min Scan# 852  
Delta R.T. 0.00 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

Instrument :  
BNA\_F  
ClientSampleId :  
RO-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.6 | 93.1  | 139.7 |
| 77      | 47.8  | 37.3  | 55.9  |
| 79      | 45.5  | 35.3  | 52.9  |



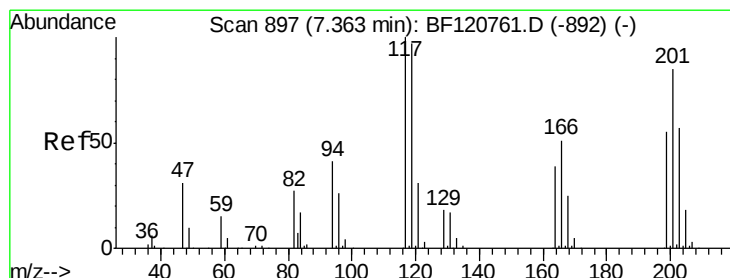
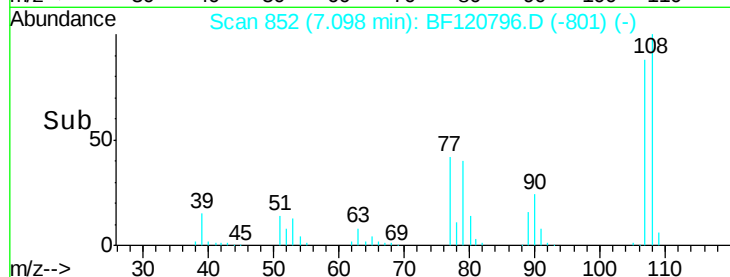
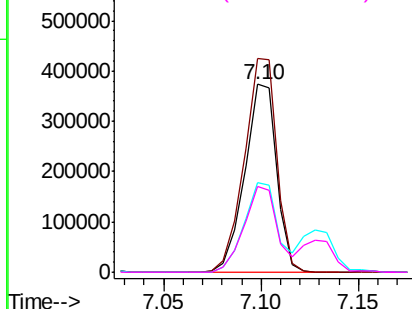
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

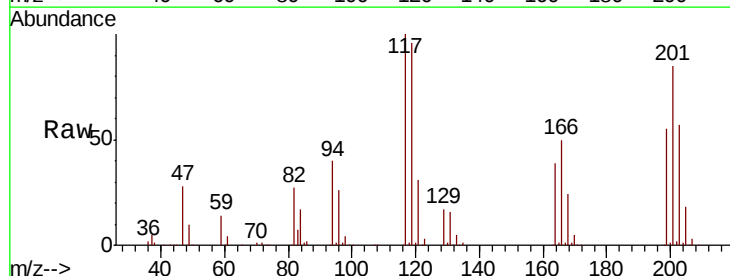
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 47.253 ng  
RT: 7.36 min Scan# 897  
Delta R.T. 0.00 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.8  | 77.9  | 116.9 |
| 201     | 85.3  | 68.3  | 102.5 |

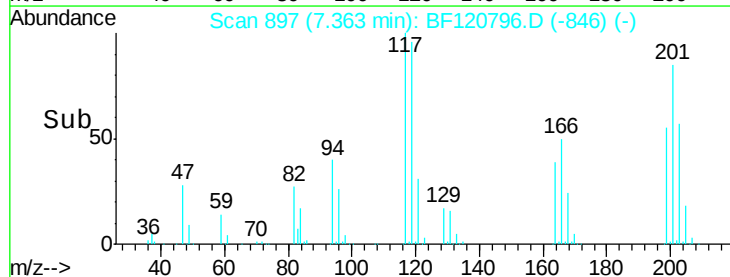
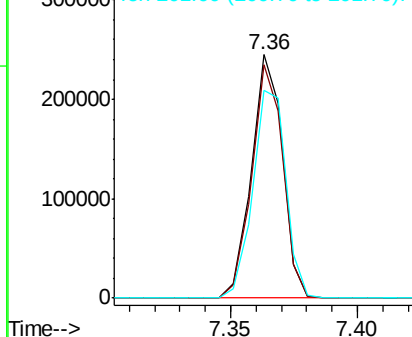


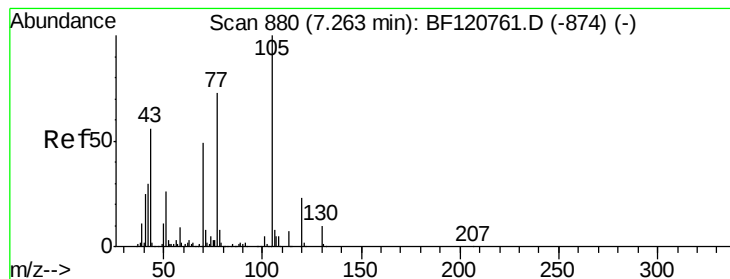
Abundance

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: 49.962 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

Tot Ion: 70 Resp: 386928

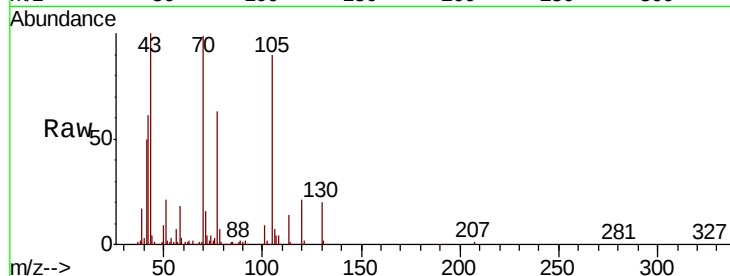
Ion Ratio Lower Upper

70 100

42 61.3 50.3 75.5

101 9.4 7.5 11.3

130 20.6 16.1 24.1

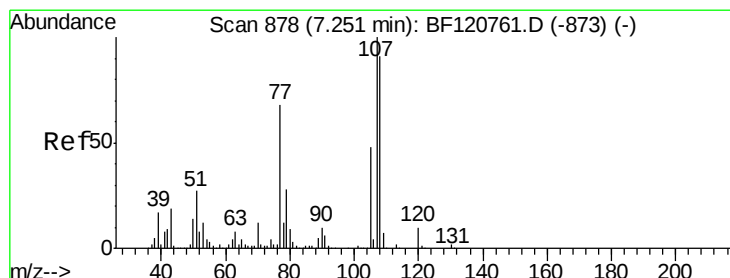
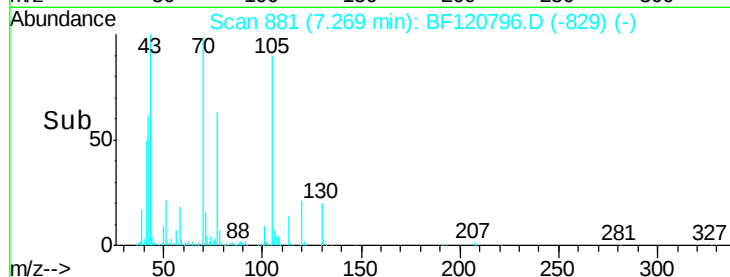
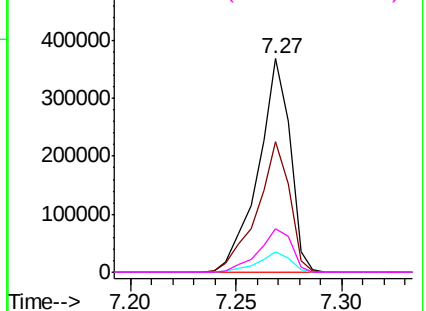


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 41.575 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Tgt Ion: 107 Resp: 491205

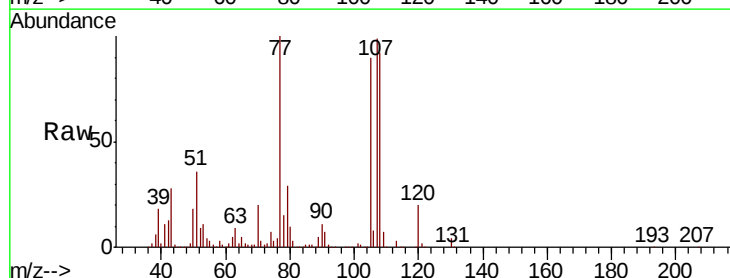
Ion Ratio Lower Upper

107 100

108 92.6 70.9 110.9

77 101.0 48.3 88.3#

79 29.6 7.8 47.8

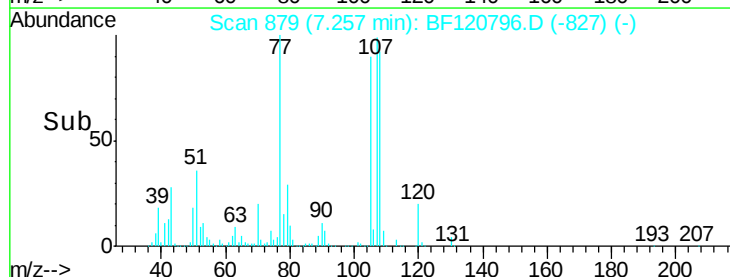
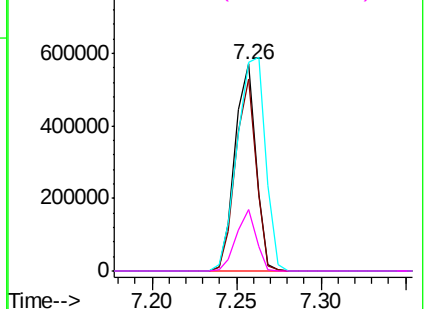


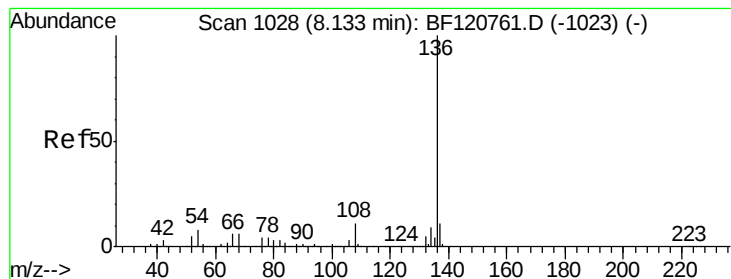
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

Tot Ion:136 Resp: 597793

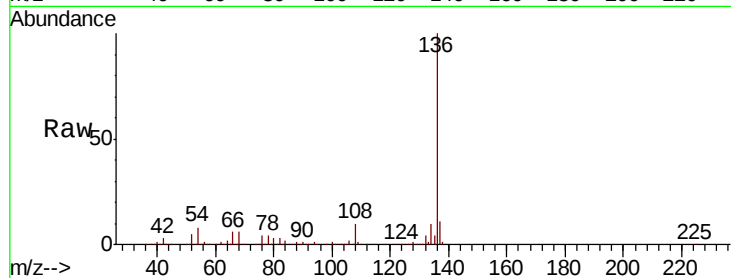
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.8 6.2 9.4

68 5.6 4.7 7.1

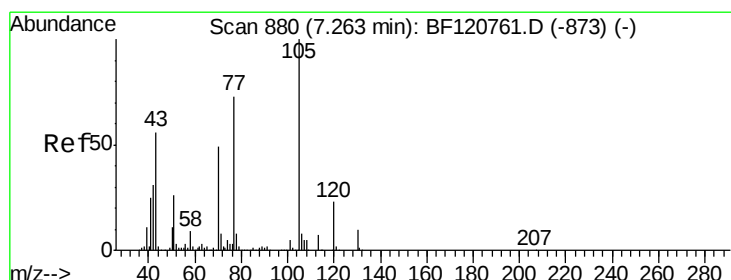
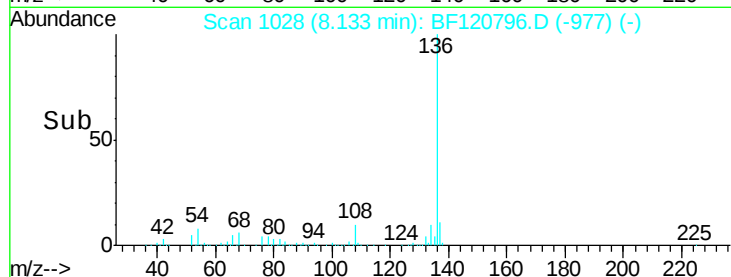
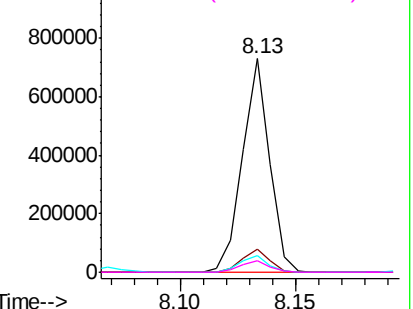


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.023 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Tgt Ion:105 Resp: 713566

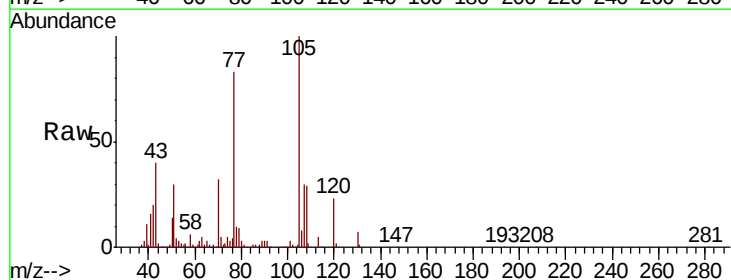
Ion Ratio Lower Upper

105 100

71 5.4 6.5 9.7#

51 29.7 21.0 31.4

120 22.9 18.6 28.0

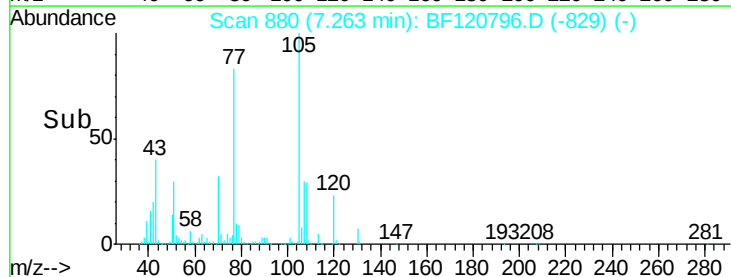
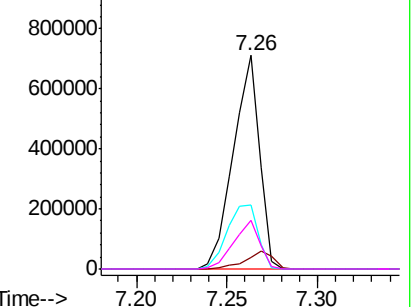


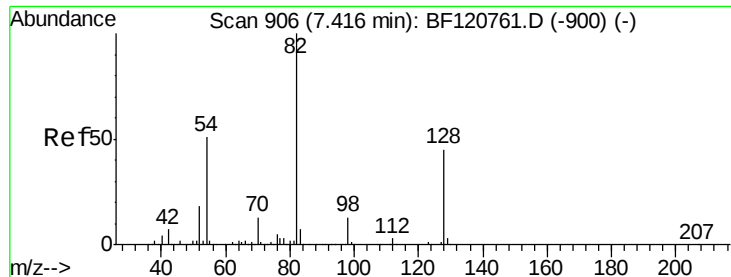
Abundance Ion 105.00 (104.70 to 105.70): E

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



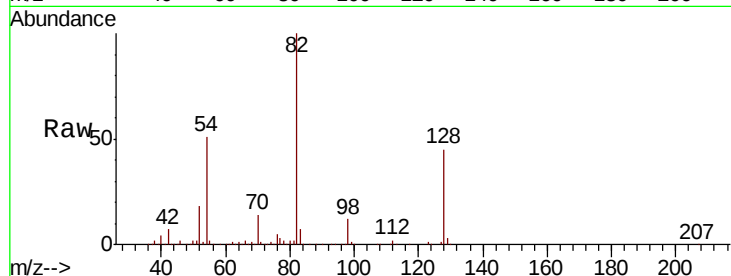


#23  
 Nitrobenzene-d5  
 Concen: 107.211 ng  
 RT: 7.42 min Scan# 906  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

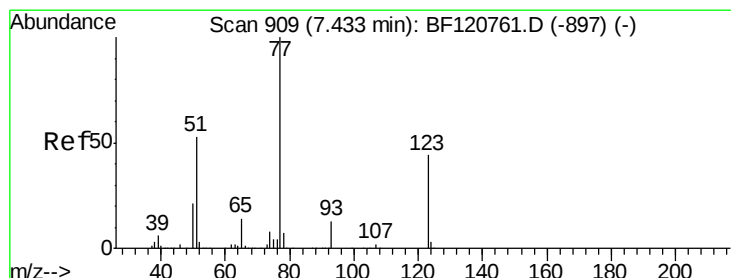
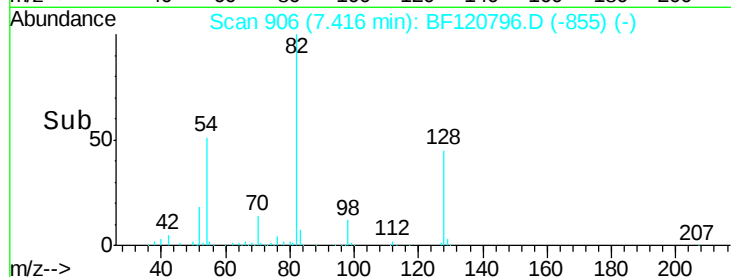
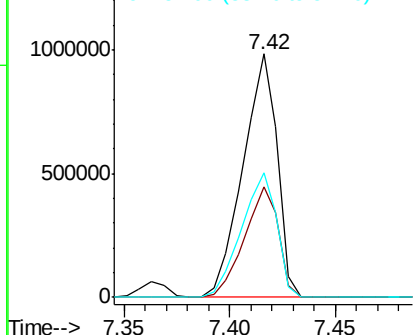
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMPMSD

Tot Ion: 82 Resp: 1106186  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.3  | 35.7  | 53.5  |
| 54  | 51.0  | 40.9  | 61.3  |



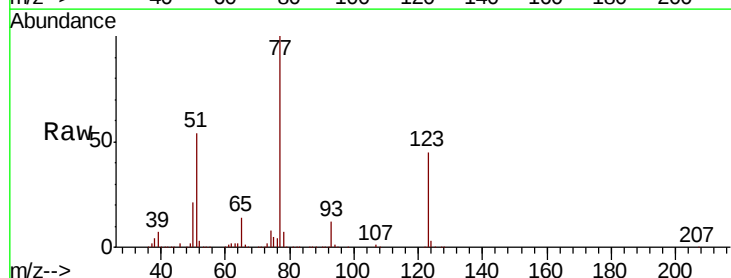
Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1



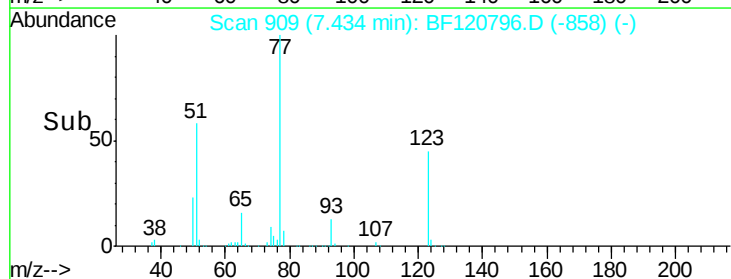
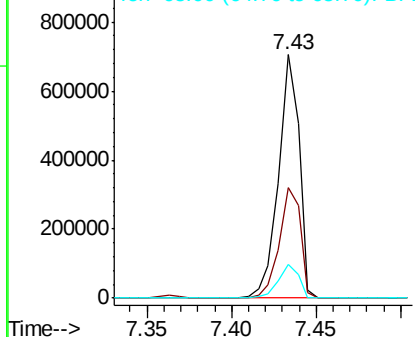
#24  
 Nitrobenzene  
 Concen: 51.754 ng  
 RT: 7.43 min Scan# 909  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

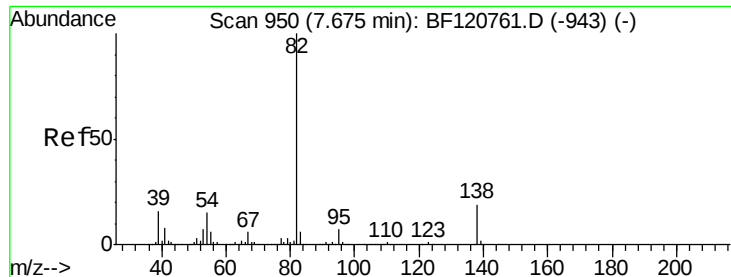
Tgt Ion: 77 Resp: 599566  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 45.3  | 36.1  | 54.1  |
| 65  | 14.0  | 11.0  | 16.4  |



Abundance Ion 77.00 (76.70 to 77.70): BF1  
 Ion 123.00 (122.70 to 123.70): BF1  
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 48.157 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

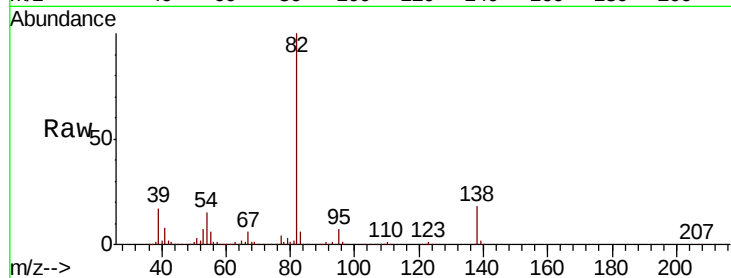
Tot Ion: 82 Resp: 1071562

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

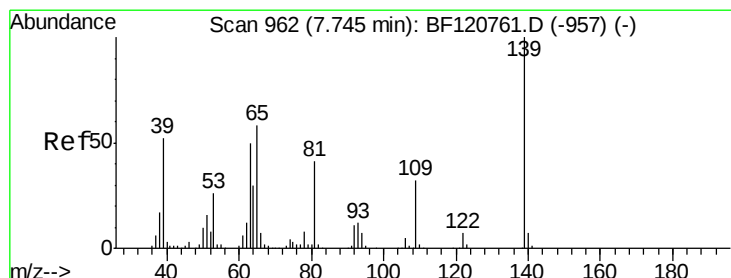
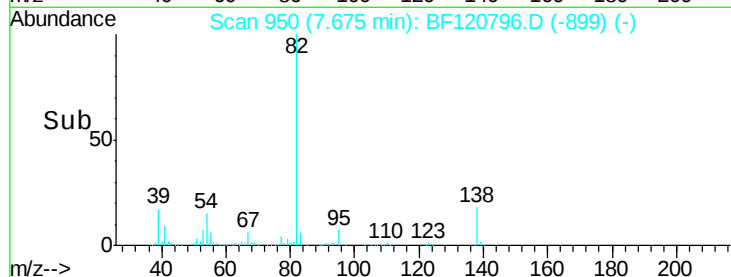
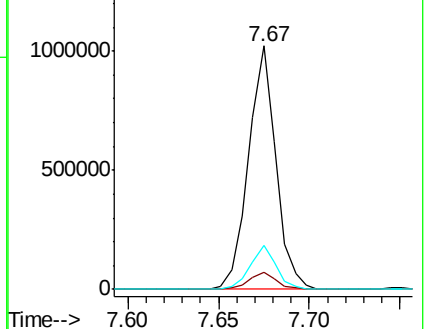
138 18.2 15.0 22.4



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: 54.032 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

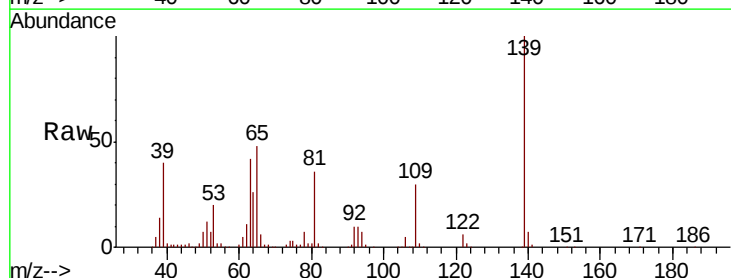
Tgt Ion: 139 Resp: 265799

Ion Ratio Lower Upper

139 100

109 30.1 25.3 37.9

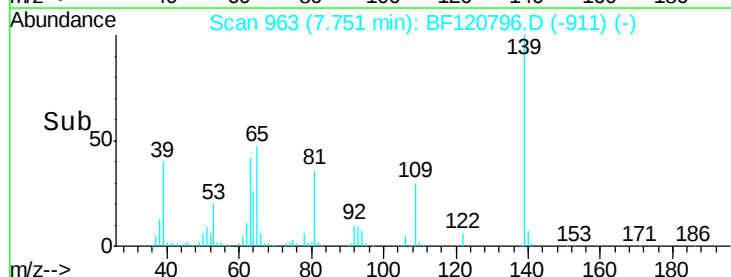
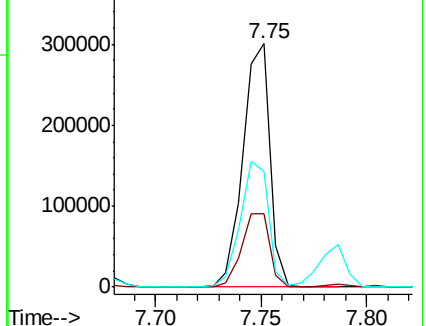
65 47.6 46.2 69.2

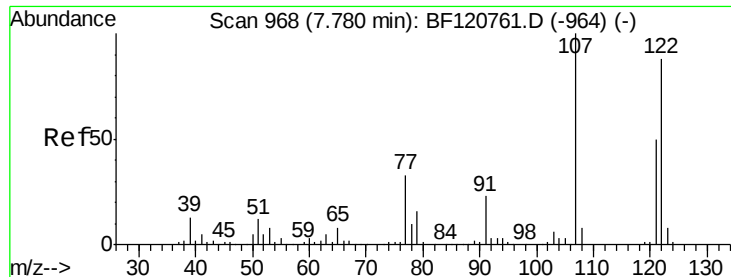


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

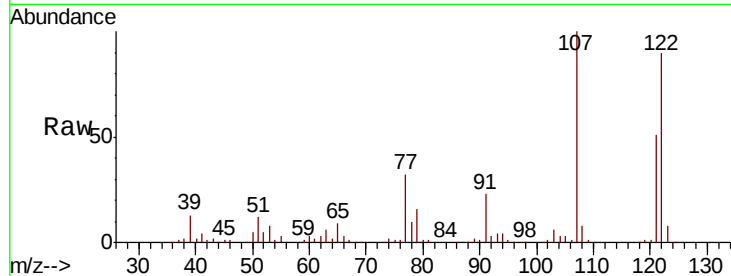




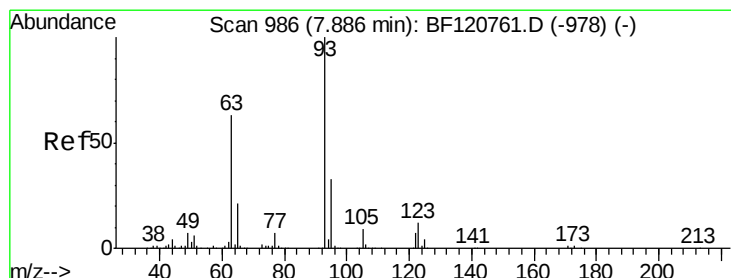
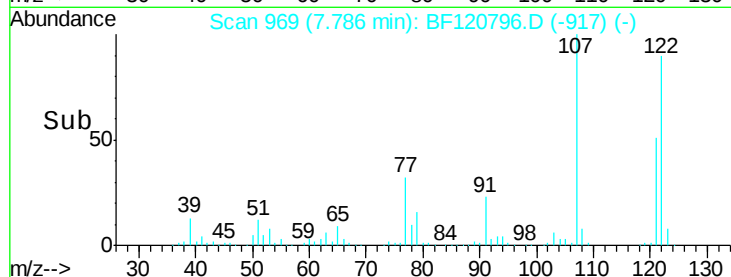
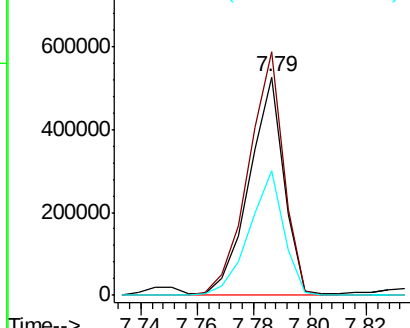
#27  
 2,4-Dimethylphenol  
 Concen: 50.810 ng  
 RT: 7.79 min Scan# 969  
 Delta R.T. 0.01 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMPMSD

Tot Ion:122 Resp: 451323  
 Ion Ratio Lower Upper  
 122 100  
 107 111.6 90.7 136.1  
 121 57.1 45.4 68.0

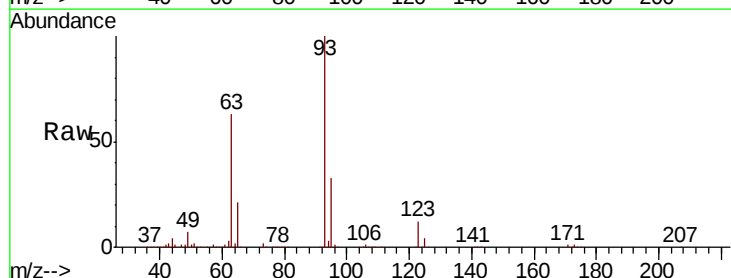


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

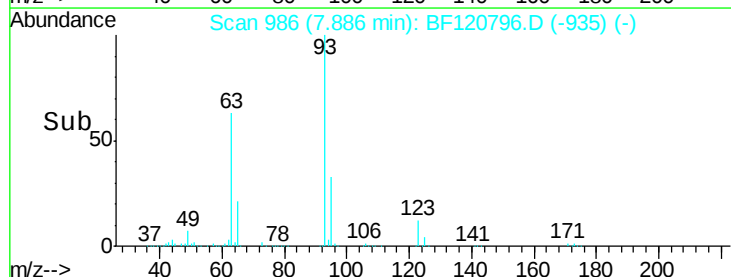
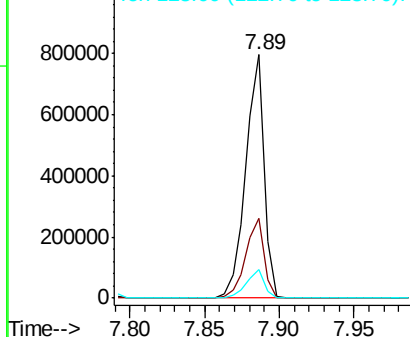


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 51.434 ng  
 RT: 7.89 min Scan# 986  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Tgt Ion: 93 Resp: 677353  
 Ion Ratio Lower Upper  
 93 100  
 95 32.9 26.4 39.6  
 123 11.7 10.2 15.2



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

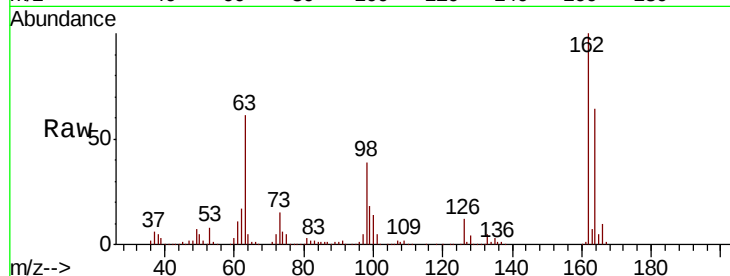




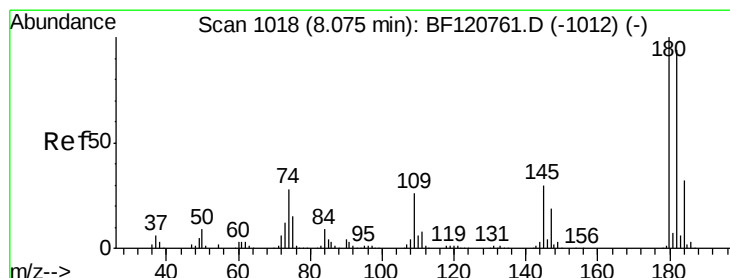
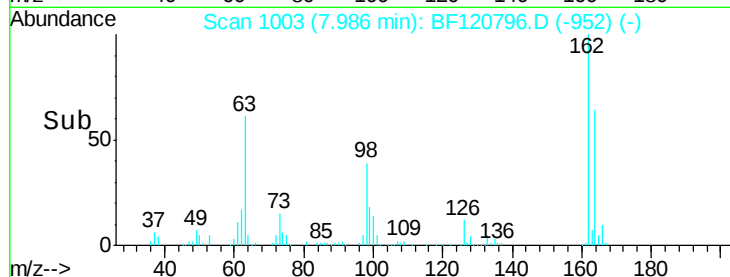
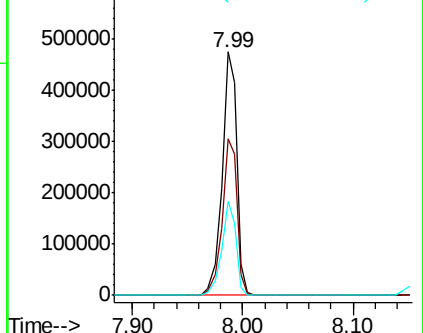
#29  
2,4-Dichlorophenol  
Concen: 49.787 ng  
RT: 7.99 min Scan# 1003  
Delta R.T. 0.00 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

Instrument :  
BNA\_F  
ClientSampleId :  
RO-COMPMSD

Tot Ion:162 Resp: 441485  
Ion Ratio Lower Upper  
162 100  
164 64.2 45.2 85.2  
98 38.8 17.0 57.0

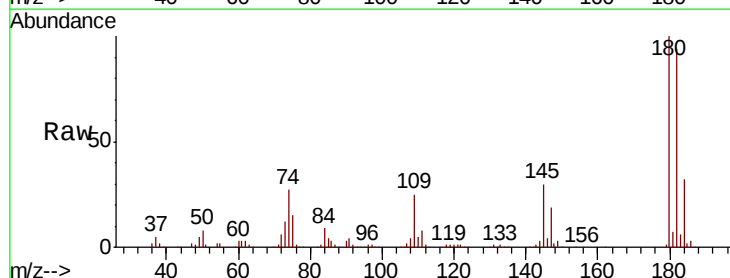


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

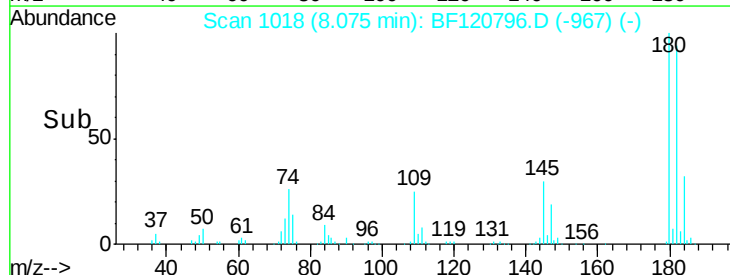
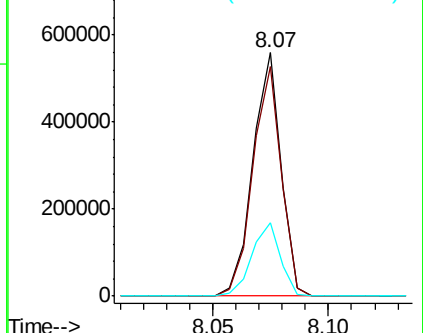


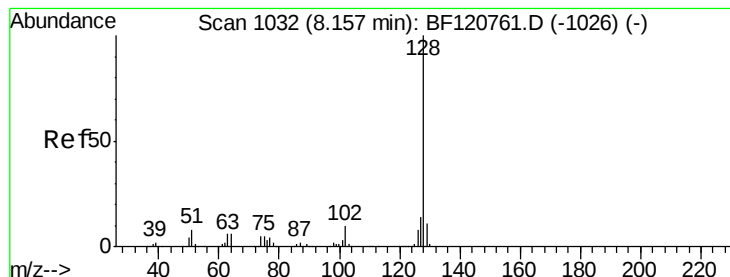
#30  
1,2,4-Trichlorobenzene  
Concen: 47.797 ng  
RT: 8.07 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

Tgt Ion:180 Resp: 476047  
Ion Ratio Lower Upper  
180 100  
182 94.1 75.5 113.3  
145 30.1 24.1 36.1



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





#31

Naphthalene

Concen: 47.687 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

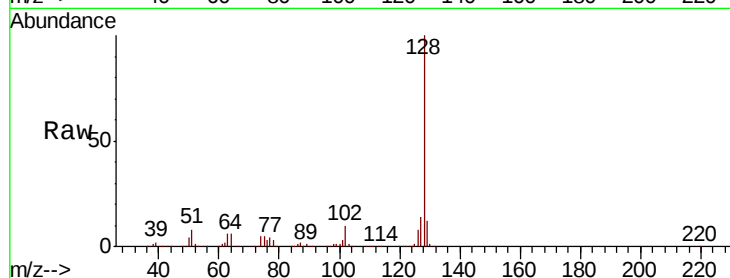
Tot Ion:128 Resp: 1523481

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

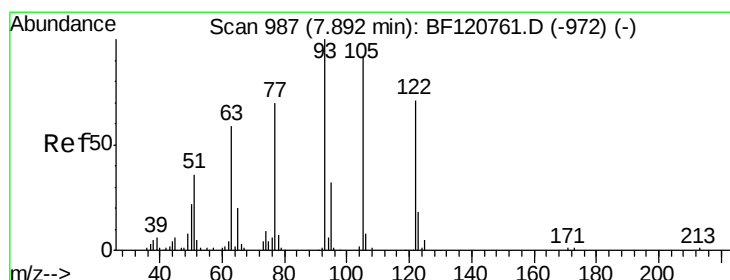
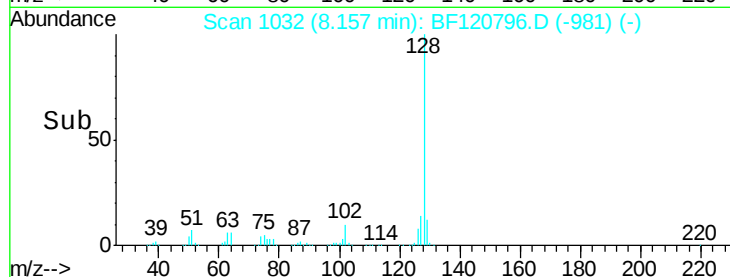
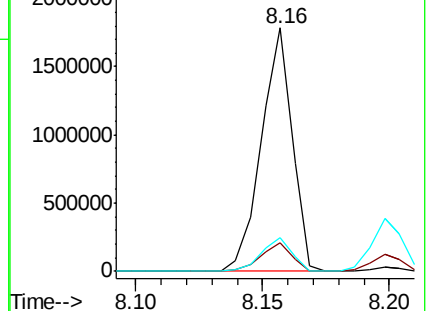
127 14.0 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.540 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.04 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

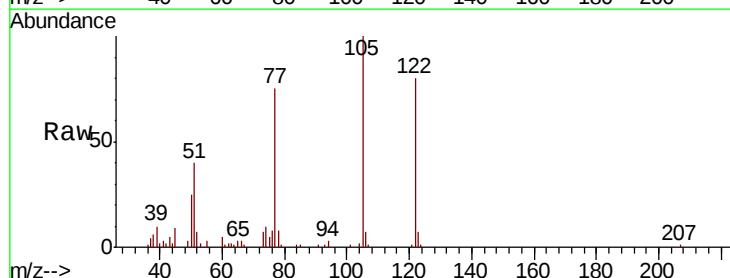
Tgt Ion:122 Resp: 43498

Ion Ratio Lower Upper

122 100

105 124.5 105.8 145.8

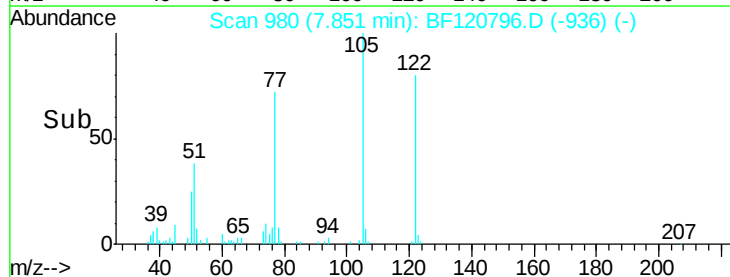
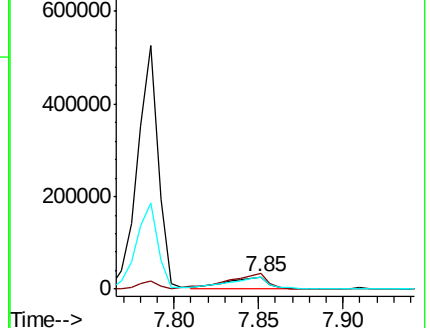
77 93.5 77.3 117.3



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

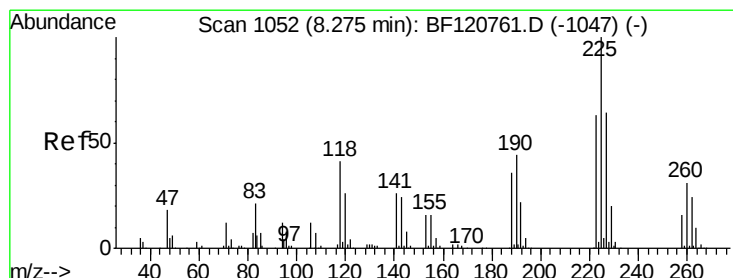
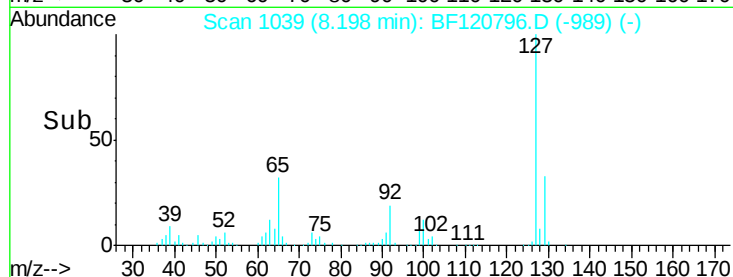
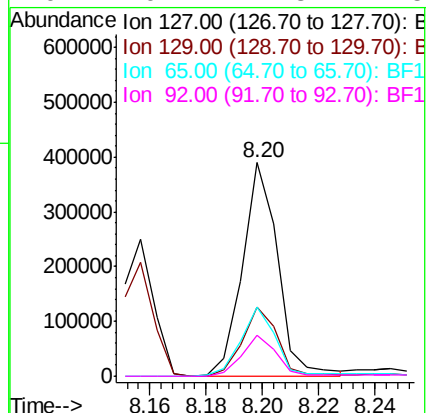
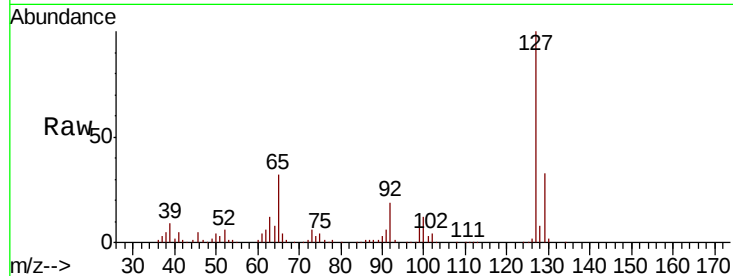




#33  
4-Chloroaniline  
Concen: 24.949 ng  
RT: 8.20 min Scan# 1039  
Delta R.T. -0.01 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

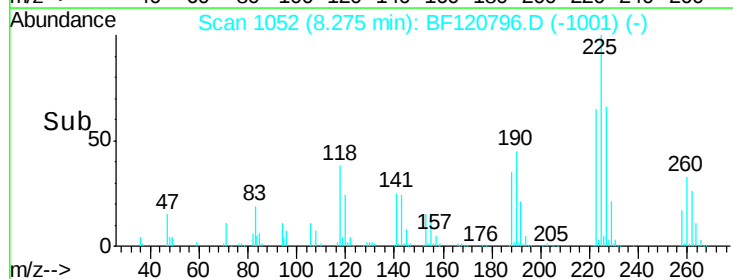
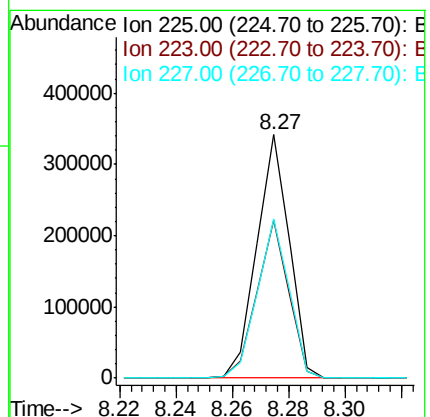
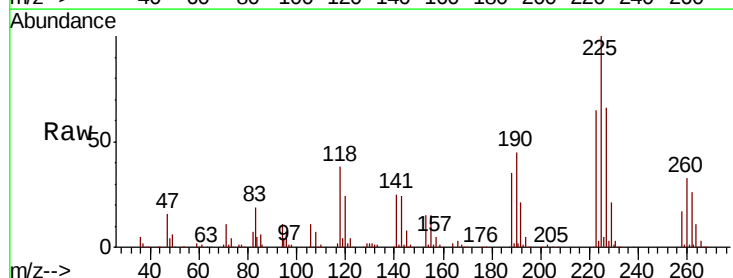
Instrument :  
BNA\_F  
ClientSampleId :  
RO-COMPMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 338230 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 26.6  | 39.8   |
| 65       | 32.4  | 22.7  | 34.1   |
| 92       | 19.2  | 14.3  | 21.5   |



#34  
Hexachlorobutadiene  
Concen: 45.454 ng  
RT: 8.27 min Scan# 1052  
Delta R.T. 0.00 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 272273 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 65.1  | 50.6  | 76.0   |
| 227      | 65.5  | 51.4  | 77.2   |

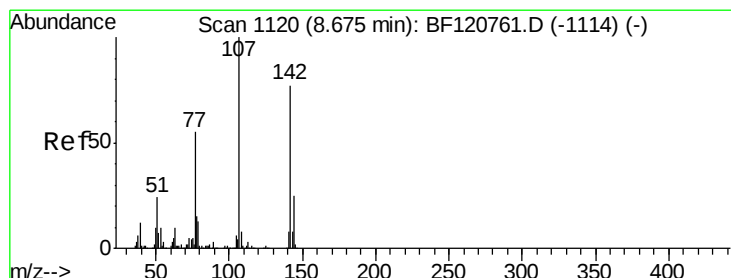
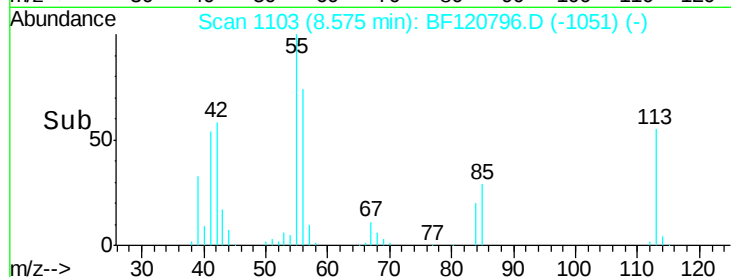
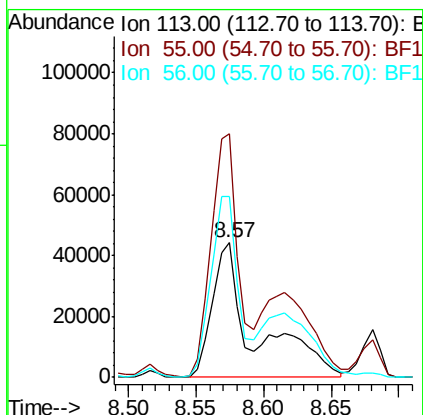
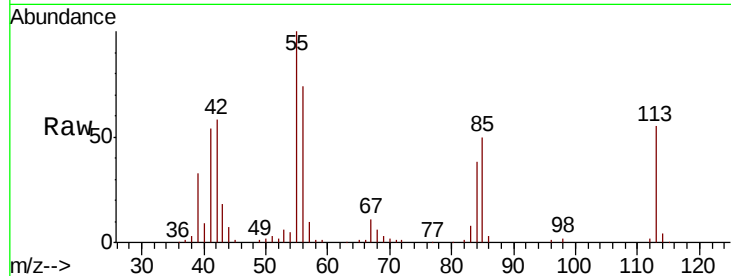




#35  
 Caprolactam  
 Concen: 37.456 ng/ml  
 RT: 8.57 min Scan# 1103  
 Delta R.T. 0.01 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

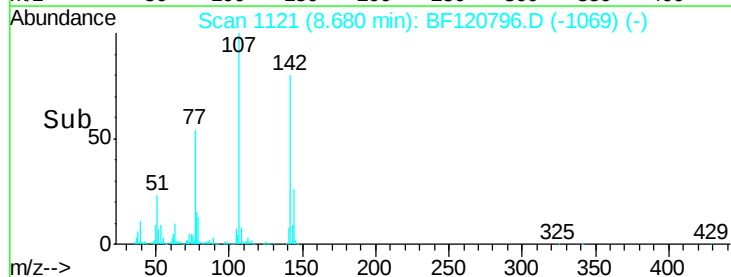
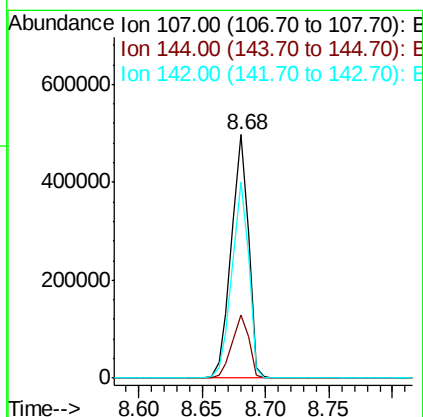
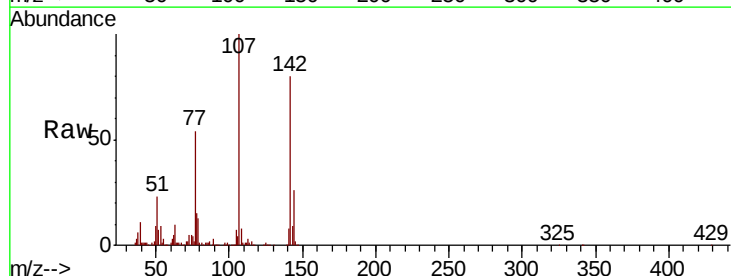
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMPMSD

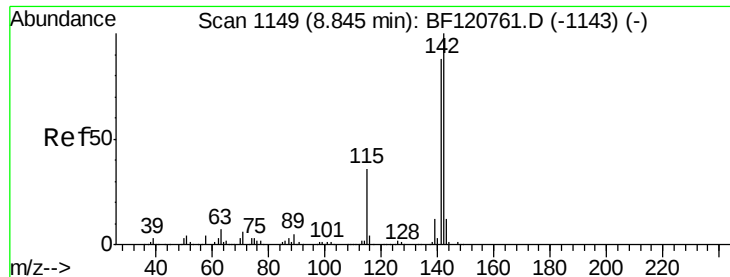
Tot Ion:113 Resp: 96780  
 Ion Ratio Lower Upper  
 113 100  
 55 181.0 168.3 208.3  
 56 134.3 118.8 158.8



#36  
 4-Chloro-3-methylphenol  
 Concen: 50.305 ng/ml  
 RT: 8.68 min Scan# 1121  
 Delta R.T. 0.01 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Tgt Ion:107 Resp: 464018  
 Ion Ratio Lower Upper  
 107 100  
 144 26.1 19.7 29.5  
 142 80.5 61.2 91.8

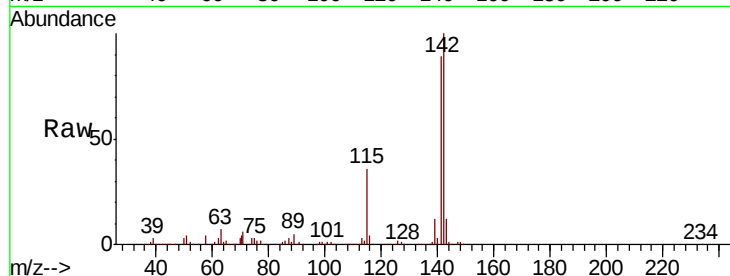




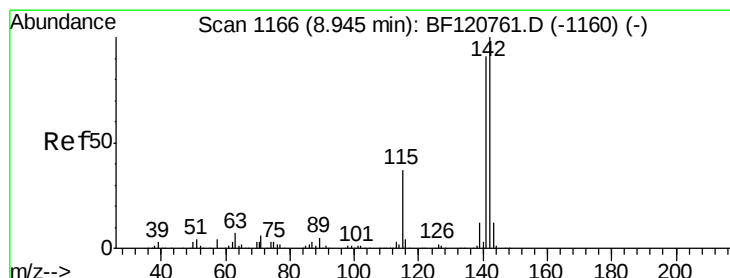
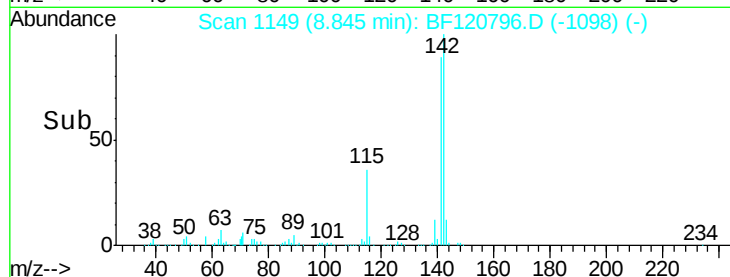
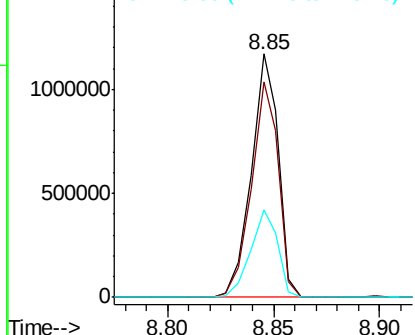
#37  
2-Methylnaphthalene  
Concen: 49.968 ng  
RT: 8.85 min Scan# 1149  
Delta R.T. 0.00 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

Instrument :  
BNA\_F  
ClientSampleId :  
RO-COMPMSD

Tot Ion:142 Resp: 1037740  
Ion Ratio Lower Upper  
142 100  
141 88.6 70.2 105.4  
115 36.0 29.0 43.4

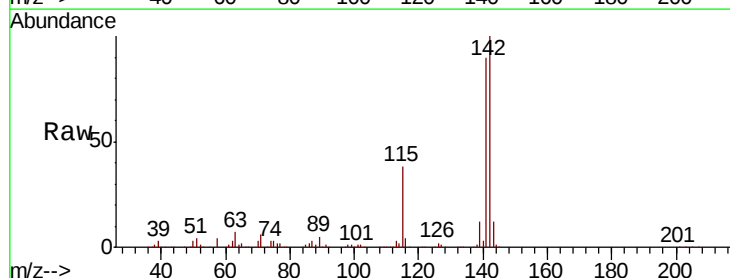


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

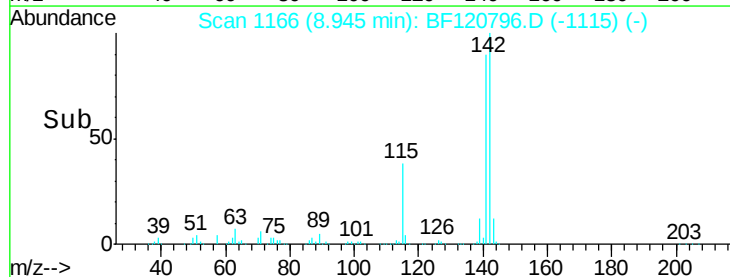
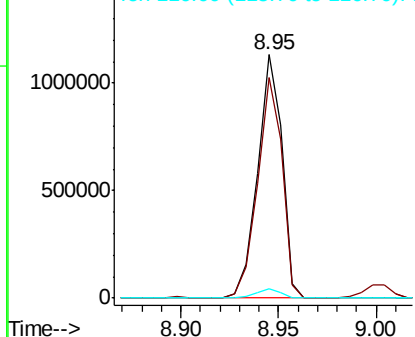


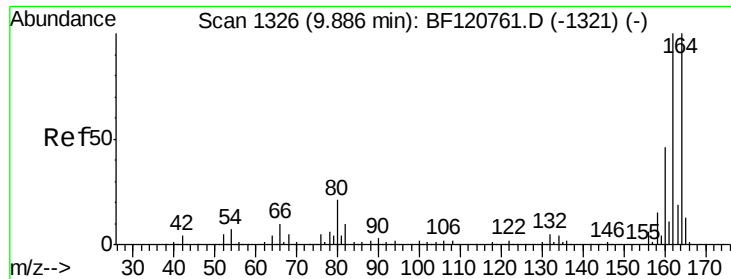
#38  
1-Methylnaphthalene  
Concen: 50.154 ng  
RT: 8.95 min Scan# 1166  
Delta R.T. 0.00 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

Tgt Ion:142 Resp: 975664  
Ion Ratio Lower Upper  
142 100  
141 90.4 72.5 108.7  
116 4.1 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

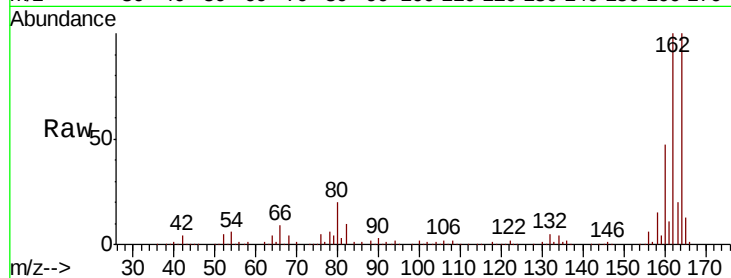
Tot Ion:164 Resp: 298987

Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.2

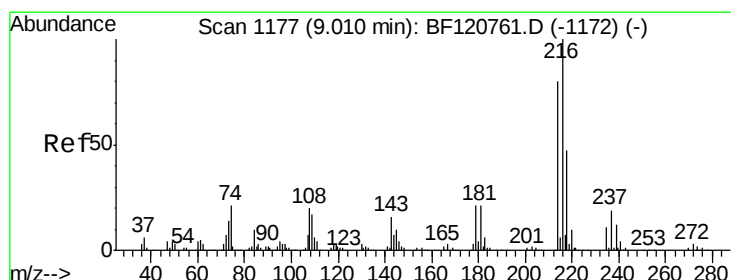
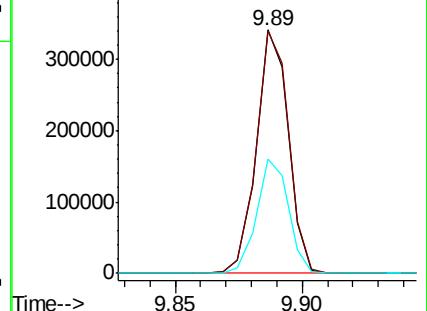
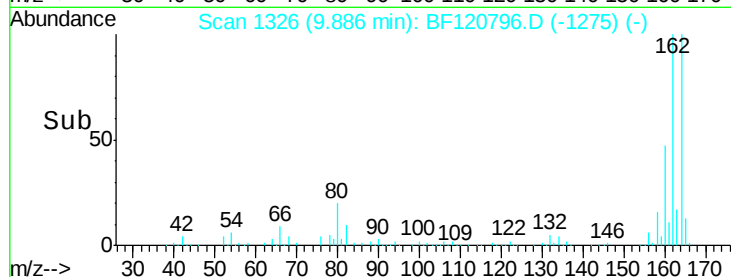
160 46.8 36.9 55.3



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: 48.477 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Tgt Ion:216 Resp: 438048

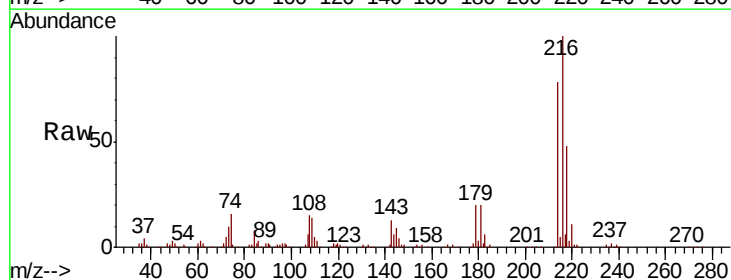
Ion Ratio Lower Upper

216 100

214 79.3 63.7 95.5

179 21.1 16.7 25.1

108 22.1 17.0 25.4

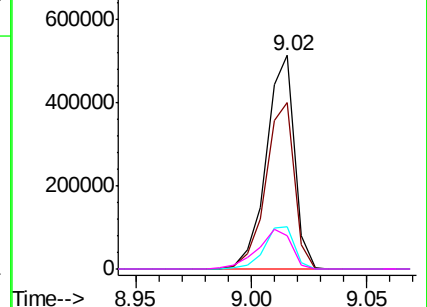
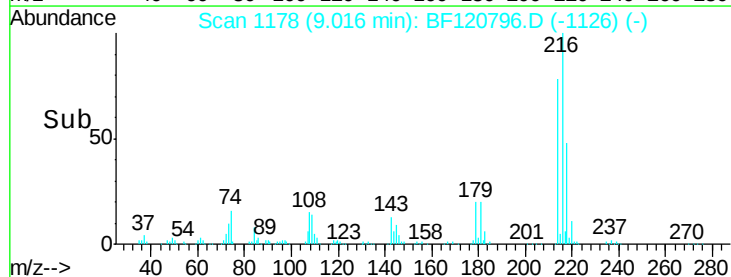


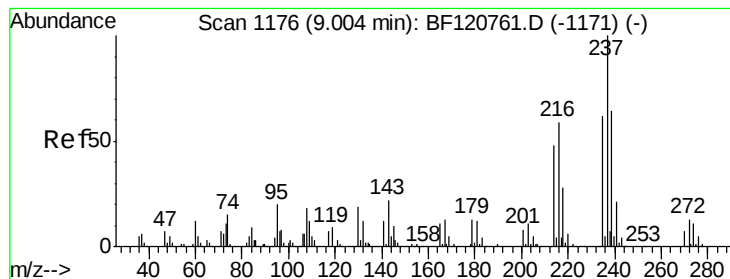
Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.680 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

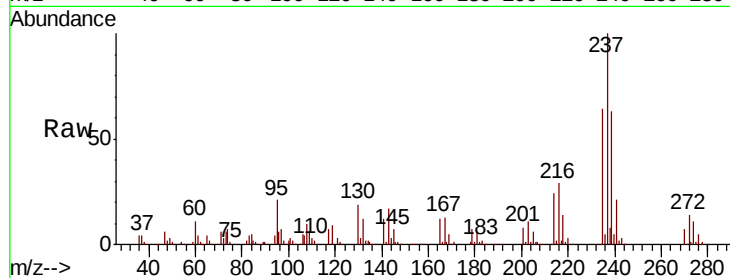
Tot Ion:237 Resp: 446757

Ion Ratio Lower Upper

237 100

235 63.7 42.1 82.1

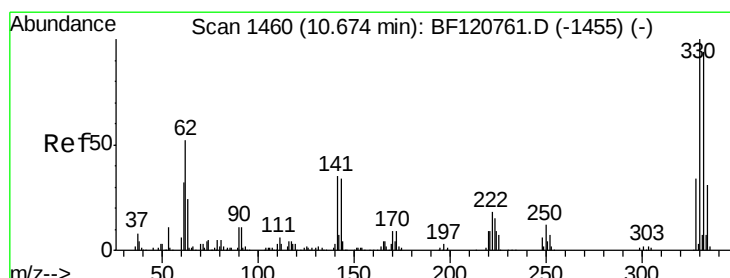
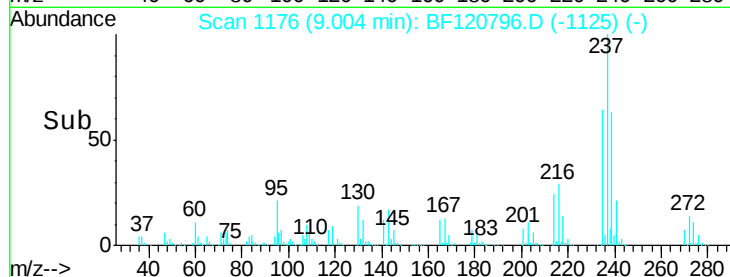
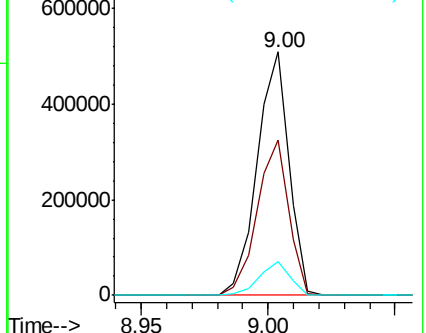
272 13.9 0.0 33.4



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: 153.207 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

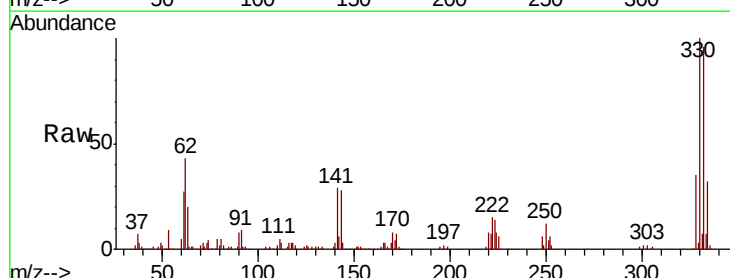
Tgt Ion:330 Resp: 460198

Ion Ratio Lower Upper

330 100

332 95.9 75.8 113.6

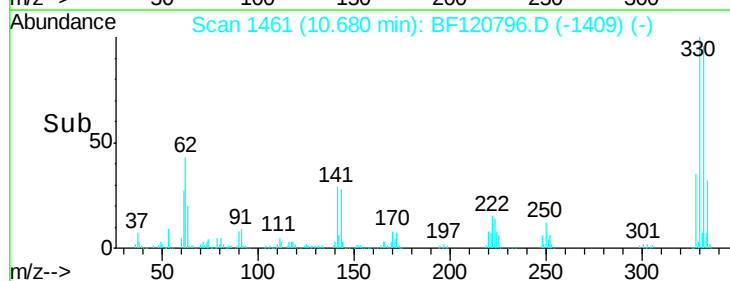
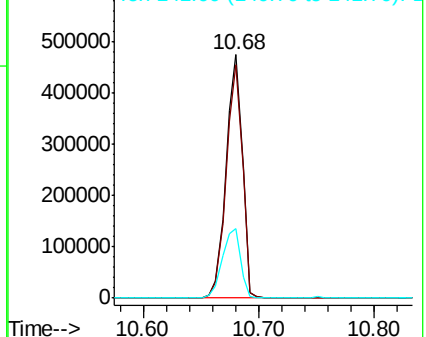
141 32.4 29.7 44.5

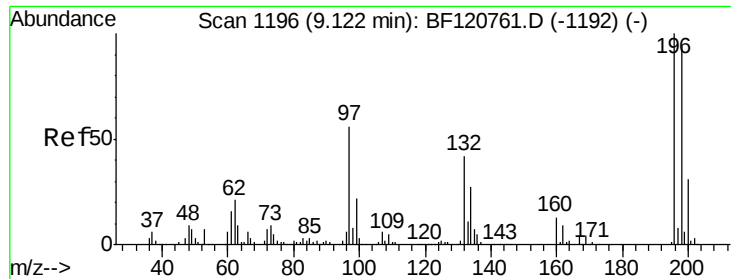


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

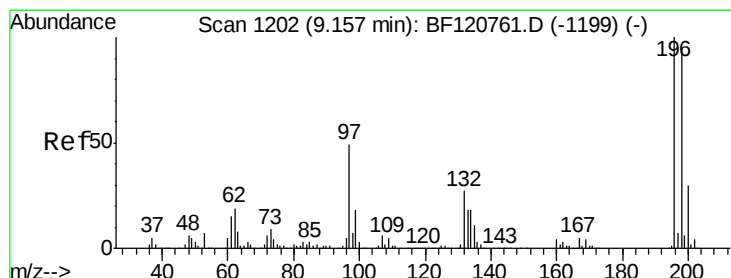
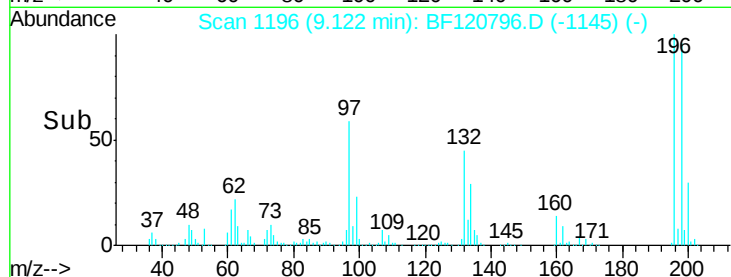
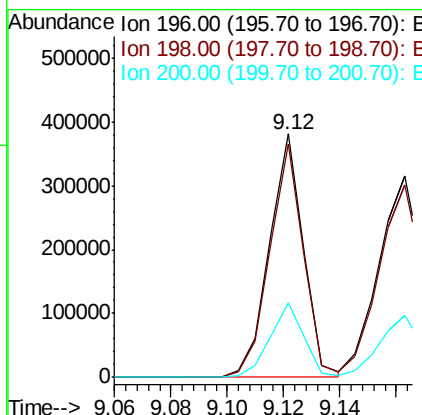
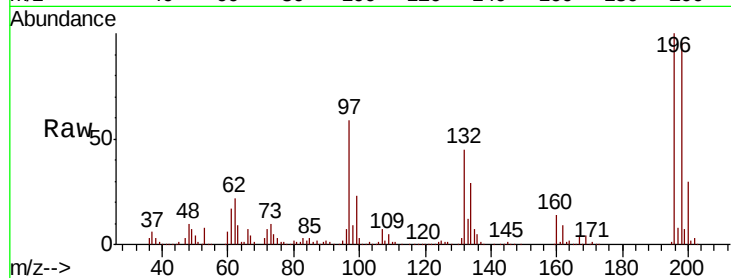




#43  
 2,4,6-Trichlorophenol  
 Concen: 51.491 ng  
 RT: 9.12 min Scan# 1196  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

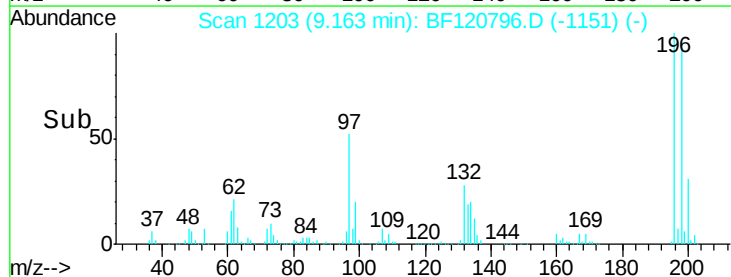
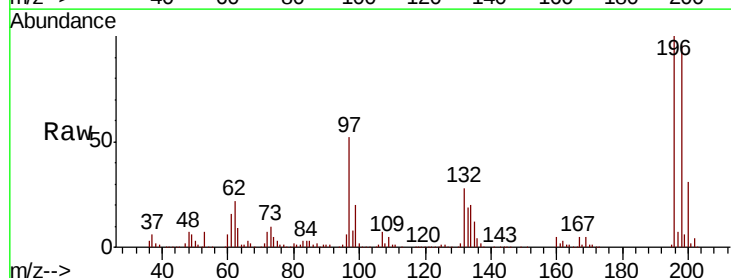
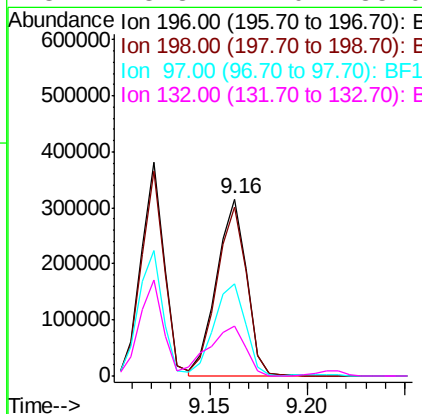
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMPMSD

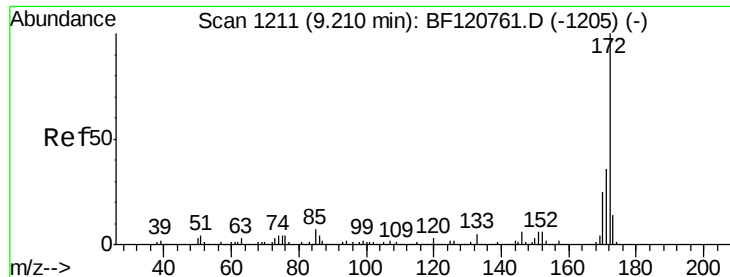
| Tot Ion   | 196   | Resp  | 317046 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.8  | 75.3  | 112.9  |
| 200       | 30.5  | 24.4  | 36.6   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 49.146 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. 0.01 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

| Tgt Ion   | 196   | Resp  | 335830 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.7  | 76.2  | 114.2  |
| 97        | 52.3  | 39.6  | 59.4   |
| 132       | 28.3  | 22.0  | 33.0   |



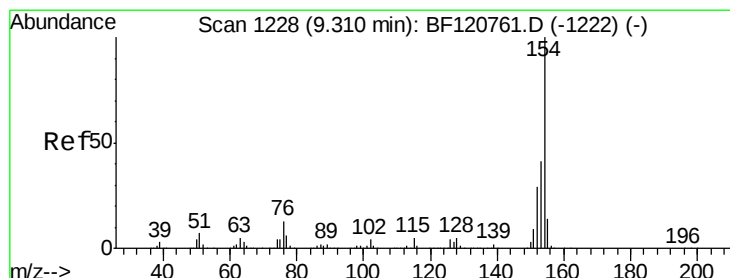
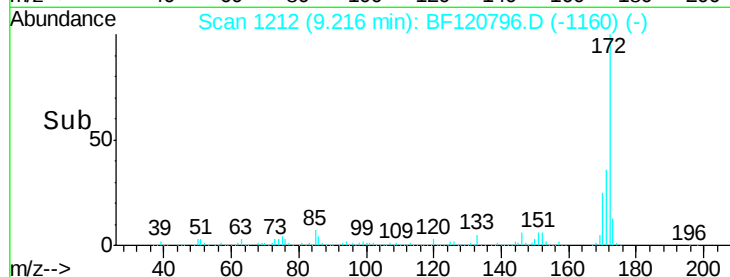
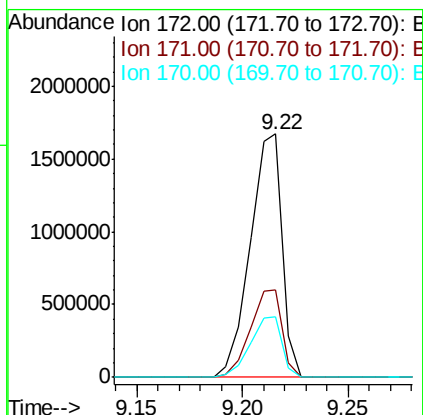
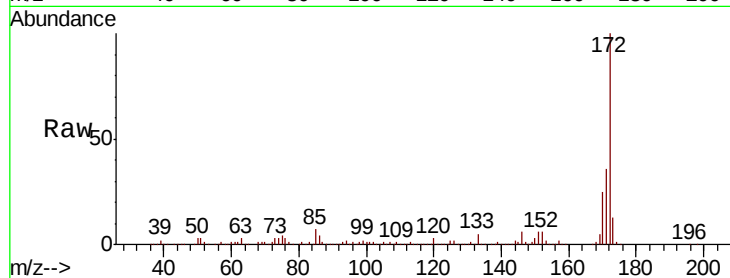


#45  
 2-Fluorobiphenyl  
 Concen: 88.762 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. 0.01 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMPMSD

Tot Ion:172 Resp: 1754103  

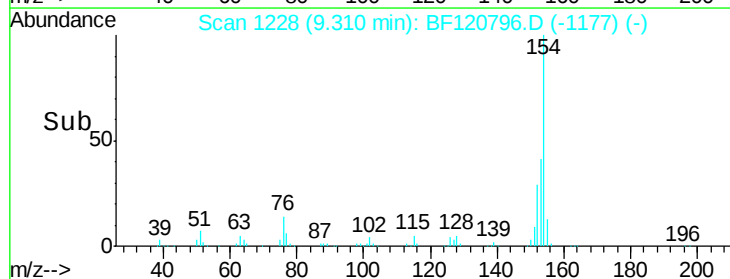
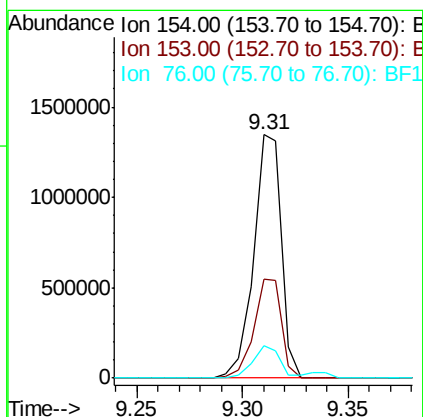
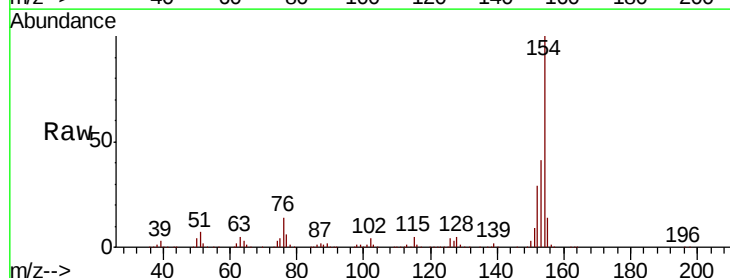
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.2  | 29.1  | 43.7  |
| 170 | 25.1  | 19.8  | 29.6  |

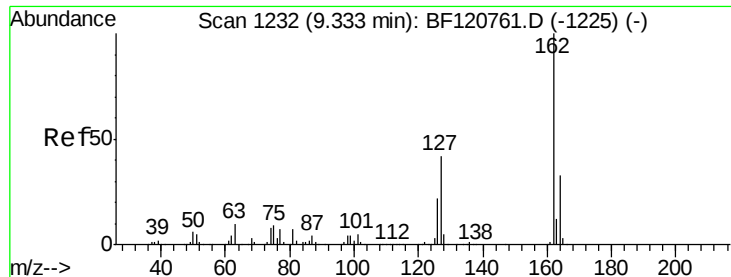


#46  
 1,1'-Biphenyl  
 Concen: 50.944 ng  
 RT: 9.31 min Scan# 1228  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Tgt Ion:154 Resp: 1228624  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.8  | 20.7  | 60.7  |
| 76  | 13.5  | 0.0   | 33.3  |

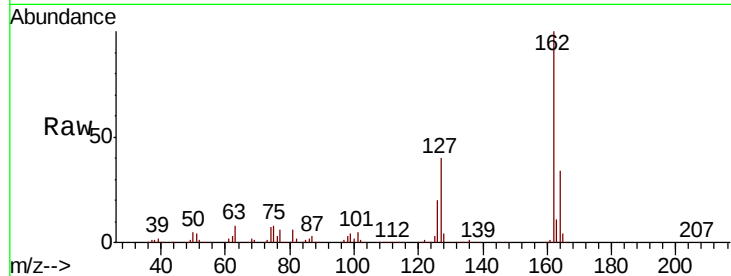




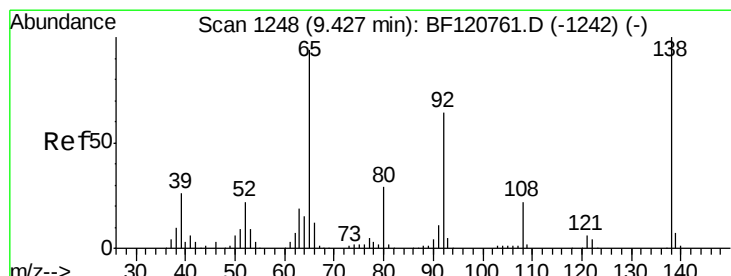
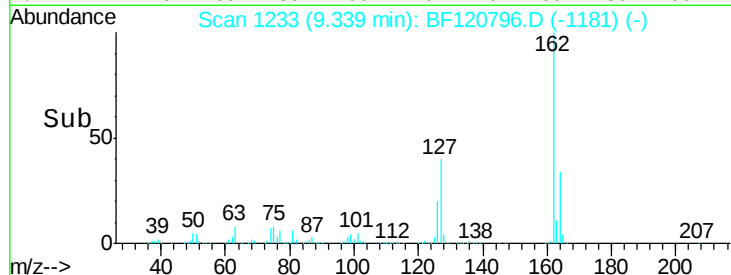
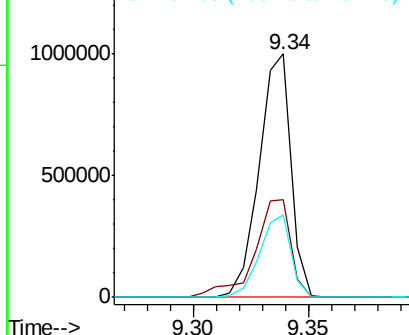
#47  
 2-Chloronaphthalene  
 Concen: 49.656 ng  
 RT: 9.34 min Scan# 1233  
 Delta R.T. 0.01 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMPMSD

Tot Ion:162 Resp: 959404  
 Ion Ratio Lower Upper  
 162 100  
 127 40.3 33.7 50.5  
 164 33.6 26.4 39.6

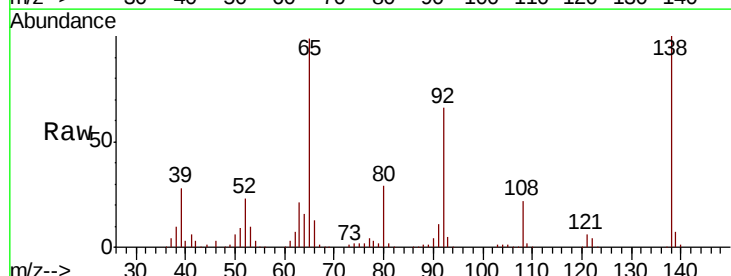


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

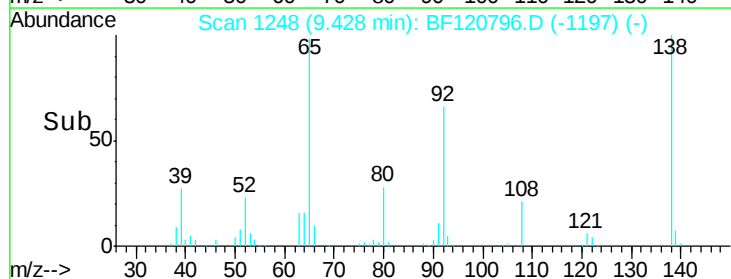
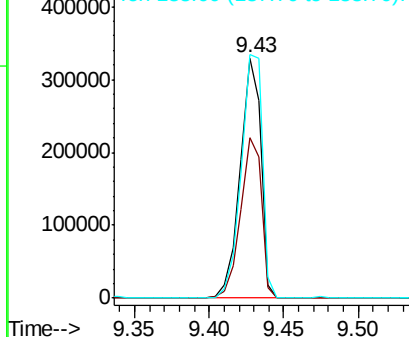


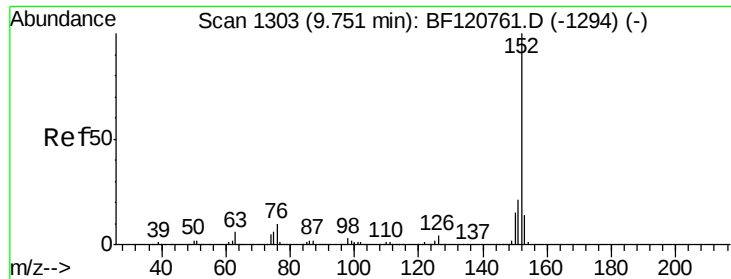
#48  
 2-Nitroaniline  
 Concen: 54.645 ng  
 RT: 9.43 min Scan# 1248  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Tgt Ion: 65 Resp: 318352  
 Ion Ratio Lower Upper  
 65 100  
 92 66.6 54.4 81.6  
 138 101.5 84.7 127.1



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





#49

Acenaphthylene

Concen: 49.257 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

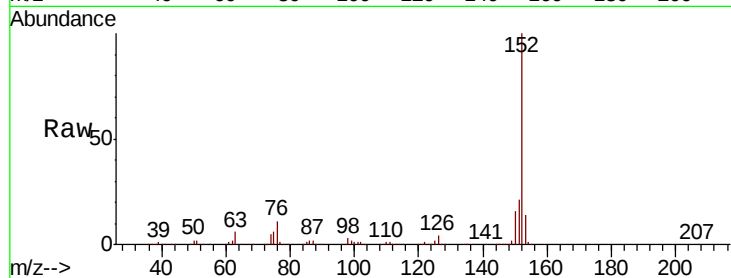
BNA\_F

ClientSampleId :

RO-COMPMSD

Tot Ion:152 Resp: 1492074

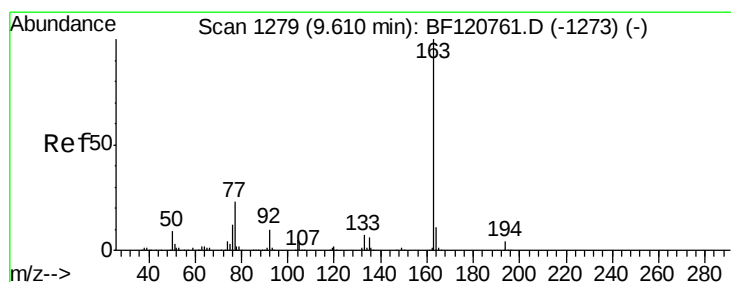
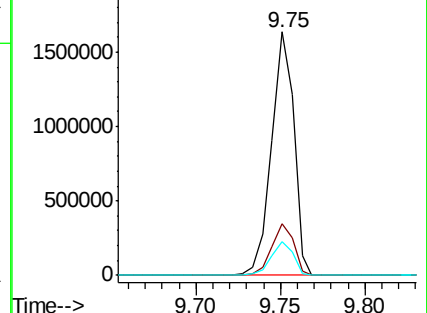
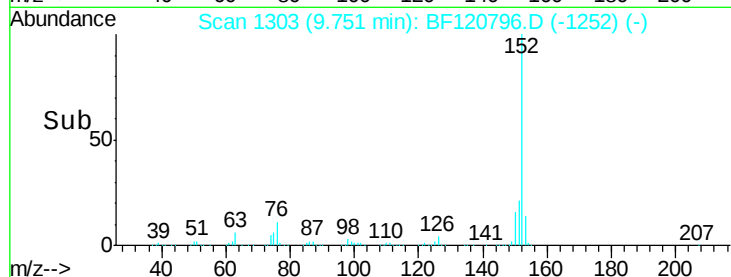
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.5  | 16.9  | 25.3  |
| 153 | 14.1  | 10.8  | 16.2  |



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: 57.450 ng

RT: 9.62 min Scan# 1280

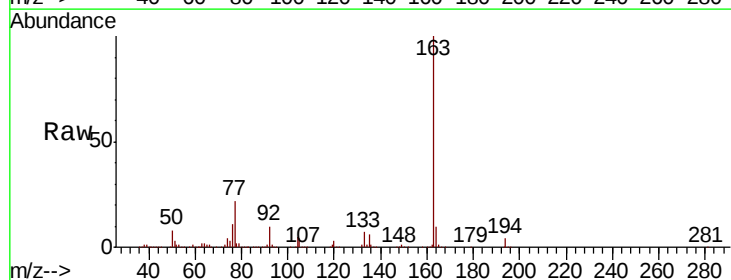
Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Tgt Ion:163 Resp: 1253006

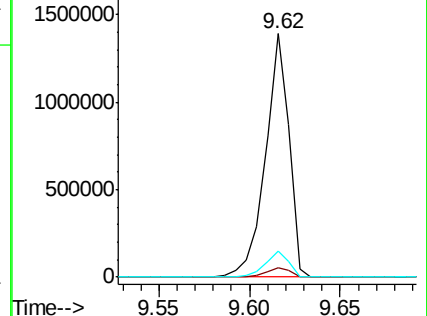
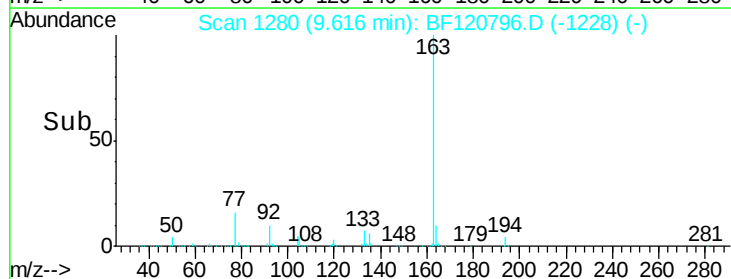
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.9   | 2.9   | 4.3   |
| 164 | 10.5  | 8.5   | 12.7  |

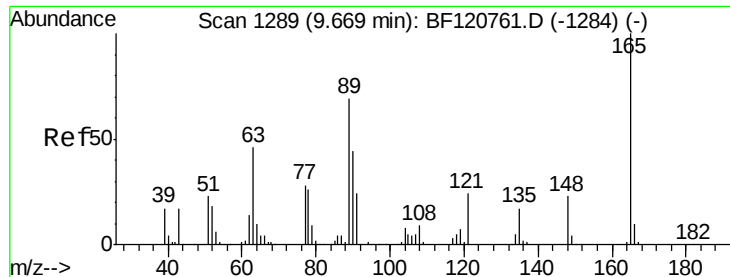


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 54.914 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

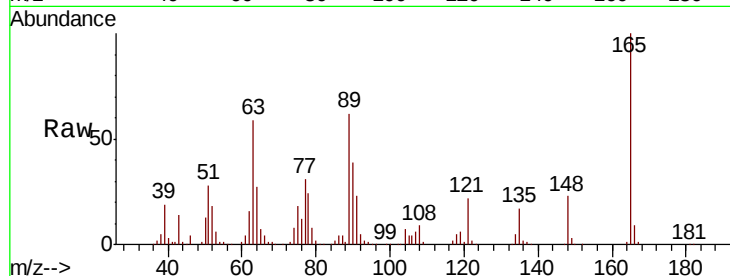
Tot Ion:165 Resp: 239526

Ion Ratio Lower Upper

165 100

63 58.6 54.0 81.0

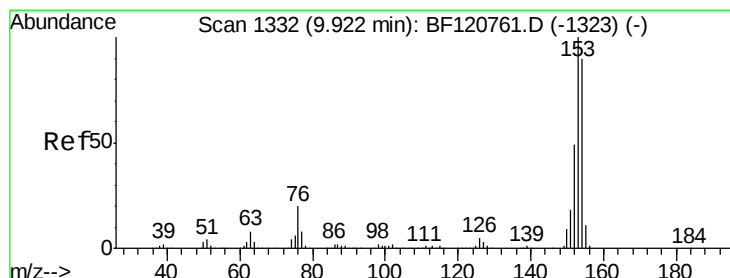
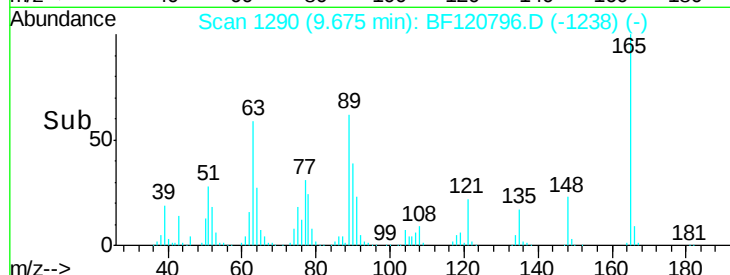
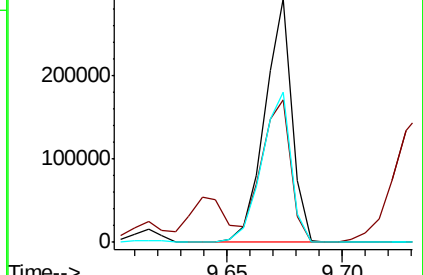
89 61.8 55.4 83.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 49.232 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

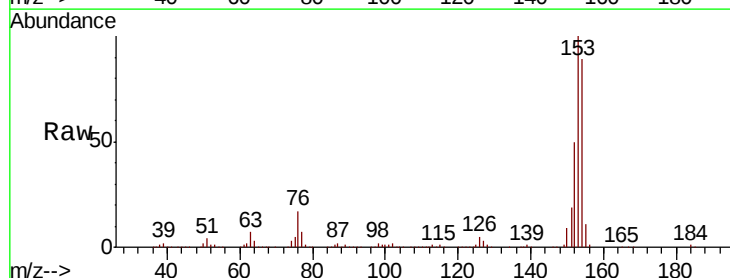
Tgt Ion:154 Resp: 925172

Ion Ratio Lower Upper

154 100

153 112.0 88.6 132.8

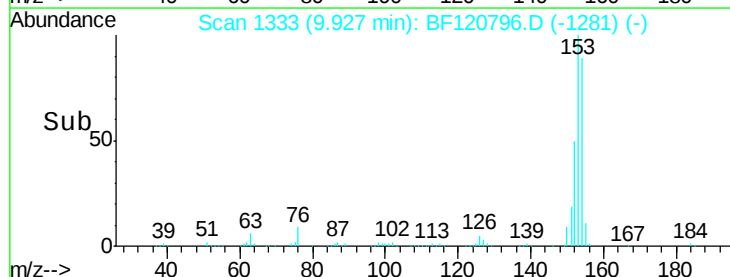
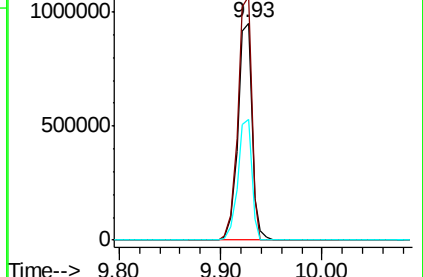
152 55.7 43.6 65.4

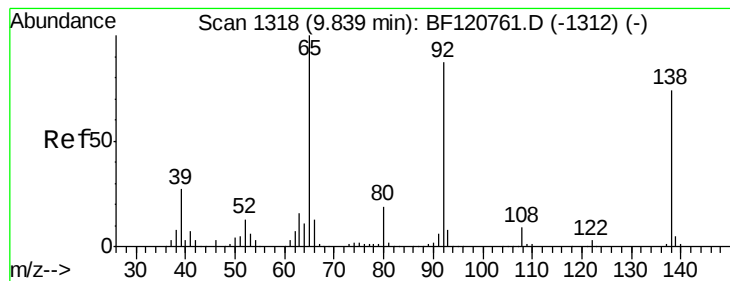


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 37.919 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

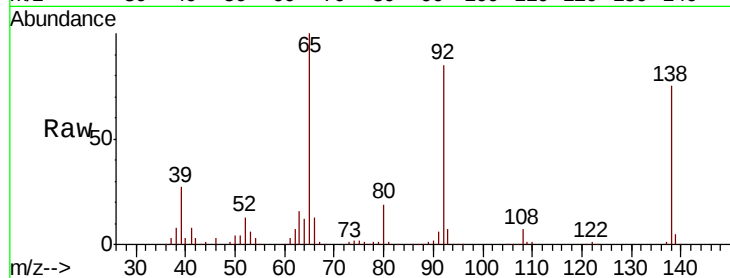
Tot Ion:138 Resp: 199061

Ion Ratio Lower Upper

138 100

108 9.9 9.8 14.6

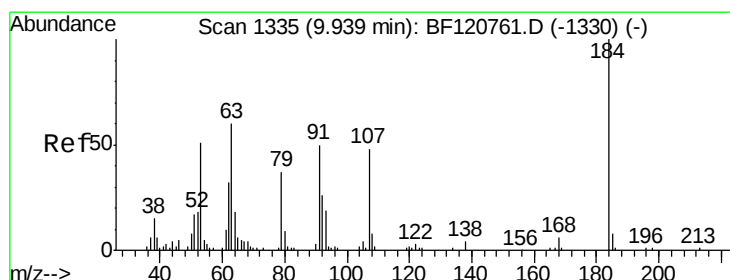
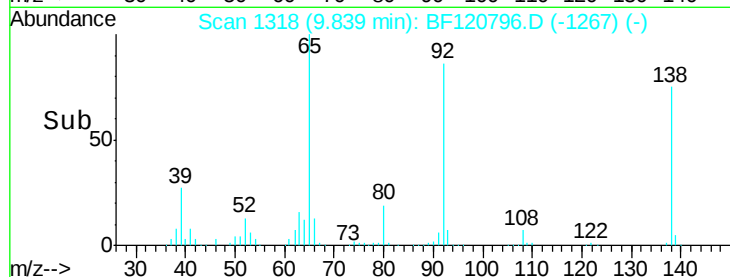
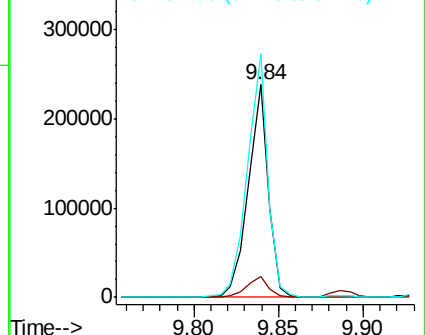
92 114.6 93.4 140.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 31.259 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

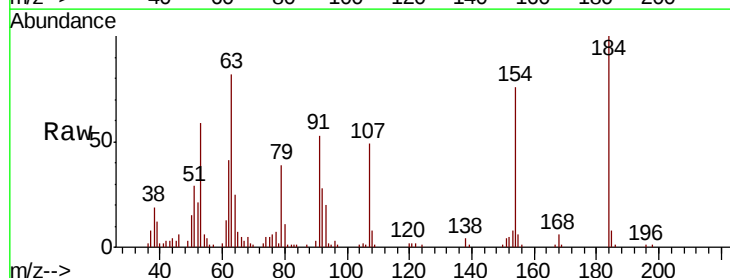
Tgt Ion:184 Resp: 42064

Ion Ratio Lower Upper

184 100

63 82.2 57.3 85.9

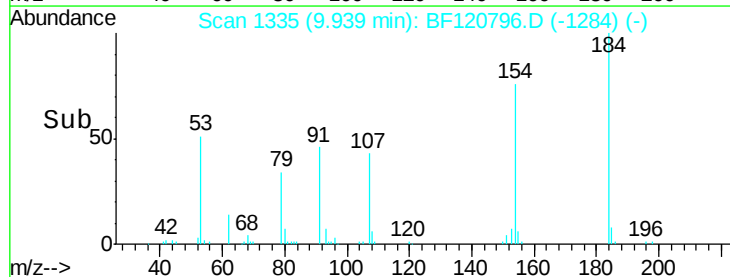
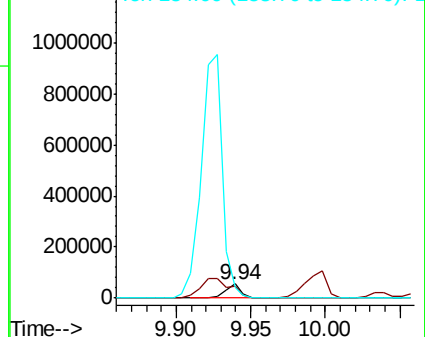
154 76.4 55.8 83.6

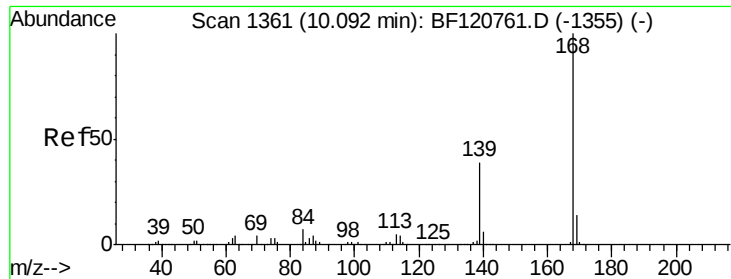


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 49.958 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

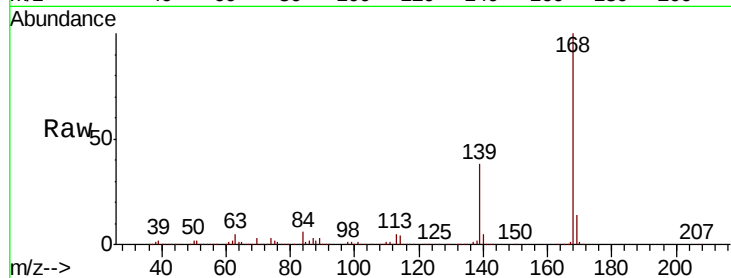
Tot Ion:168 Resp: 1353259

Ion Ratio Lower Upper

168 100

139 37.8 31.3 46.9

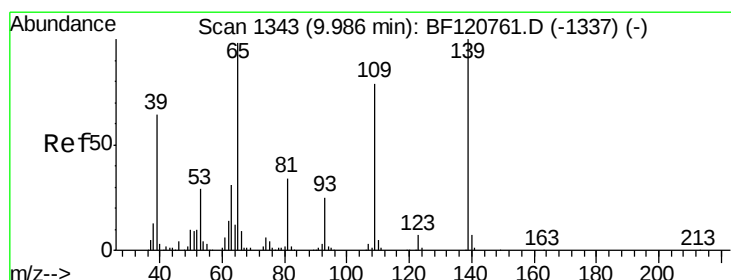
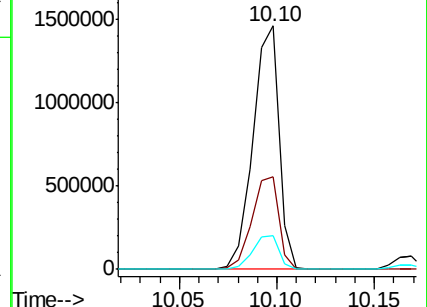
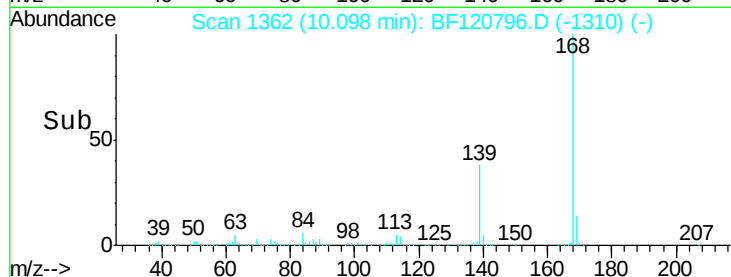
169 13.6 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

2000000 Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.240 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

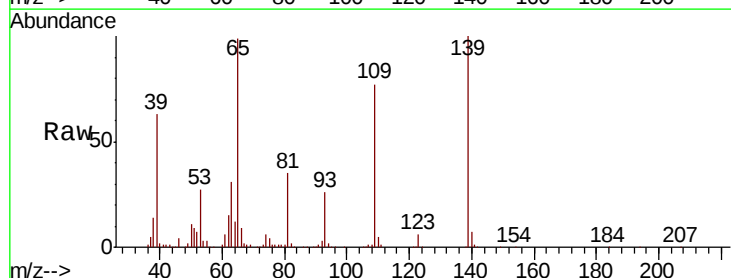
Tgt Ion:139 Resp: 333298

Ion Ratio Lower Upper

139 100

109 76.9 58.6 98.6

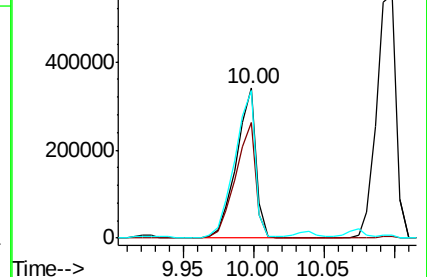
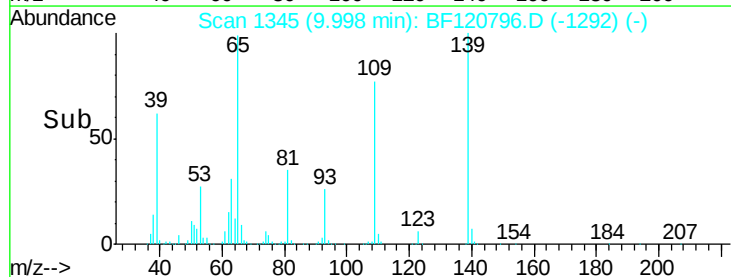
65 98.6 78.7 118.7



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

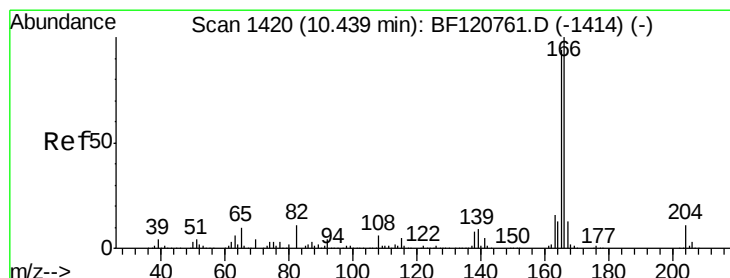
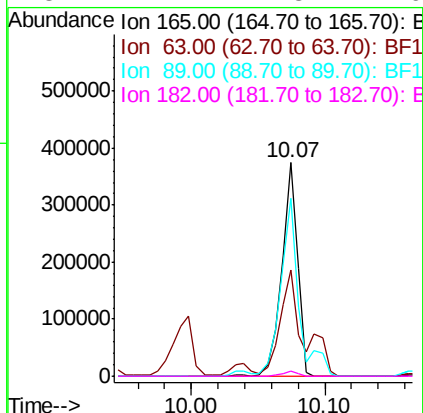
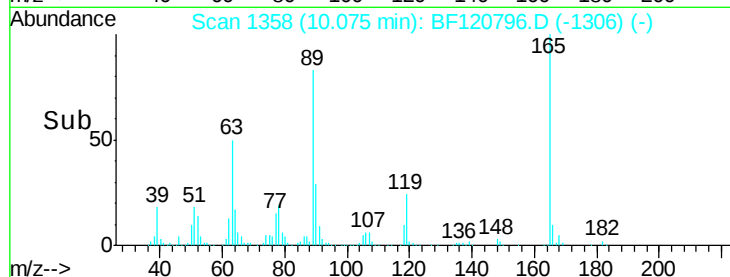
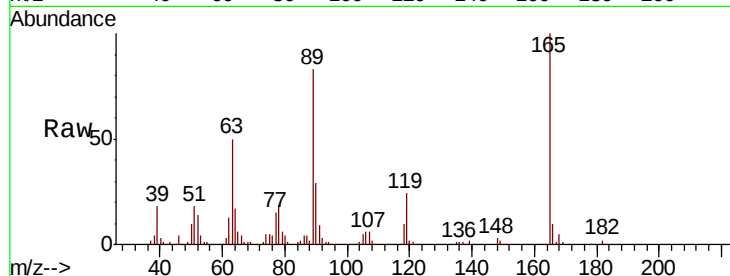




#57  
2,4-Dinitrotoluene  
Concen: 57.757 ng  
RT: 10.07 min Scan# 1358  
Delta R.T. 0.01 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

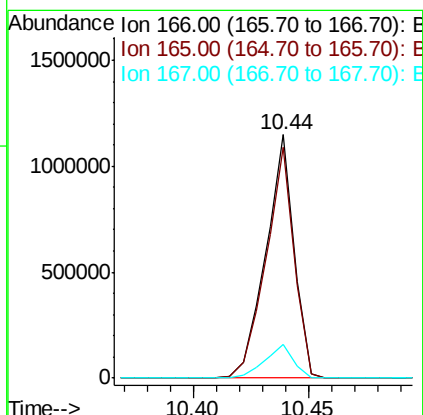
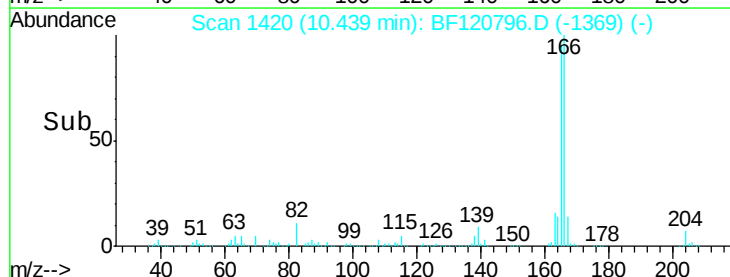
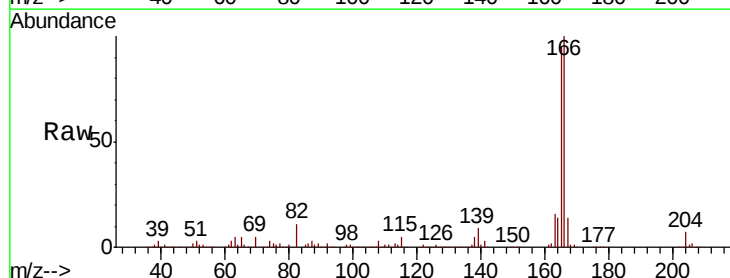
Instrument :  
BNA\_F  
ClientSampleId :  
RO-COMPMSD

Tot Ion:165 Resp: 315457  
Ion Ratio Lower Upper  
165 100  
63 49.6 43.8 65.8  
89 83.2 71.4 107.2  
182 2.2 1.8 2.6



#58  
Fluorene  
Concen: 48.434 ng  
RT: 10.44 min Scan# 1420  
Delta R.T. 0.00 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

Tgt Ion:166 Resp: 976537  
Ion Ratio Lower Upper  
166 100  
165 94.7 75.5 113.3  
167 13.6 10.6 16.0

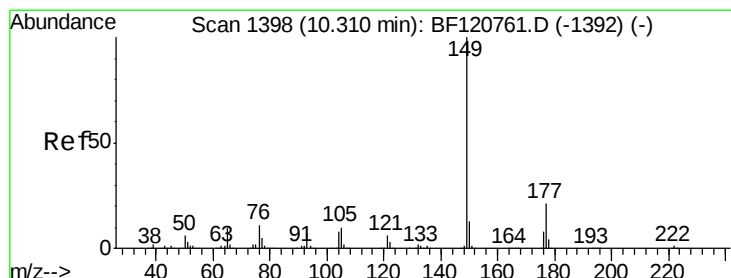
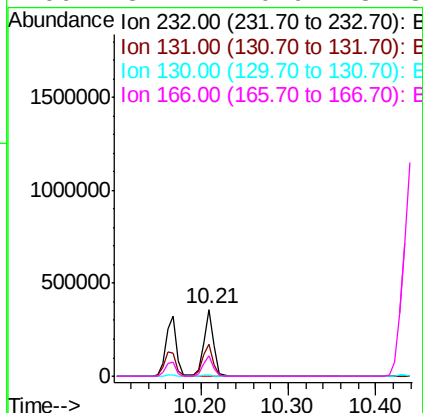
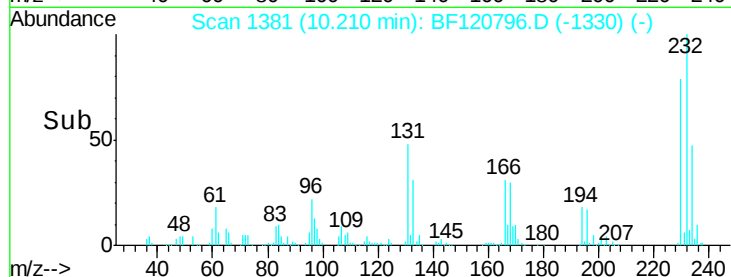
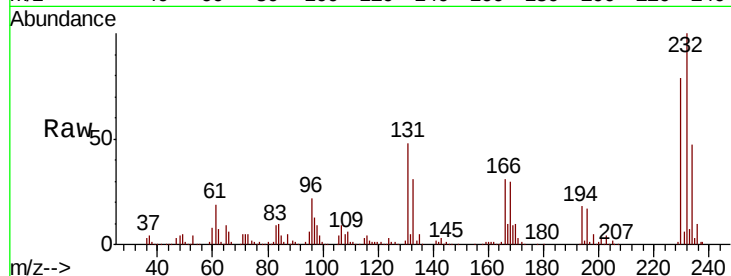




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 54.670 ng  
 RT: 10.21 min Scan# 1381  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

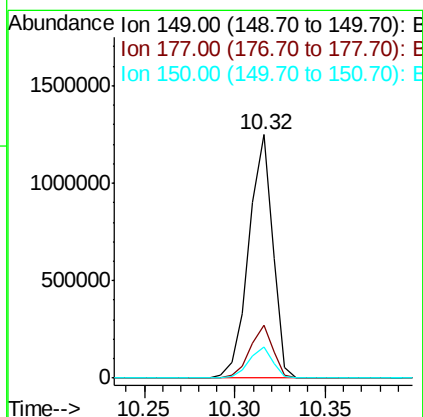
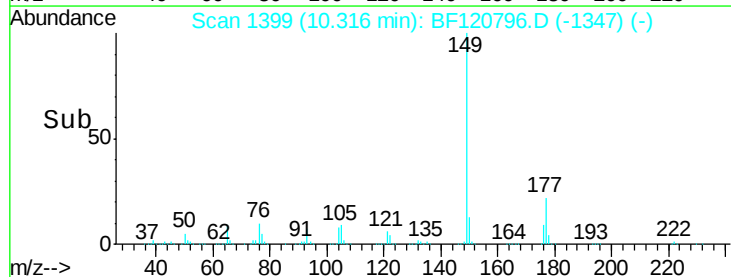
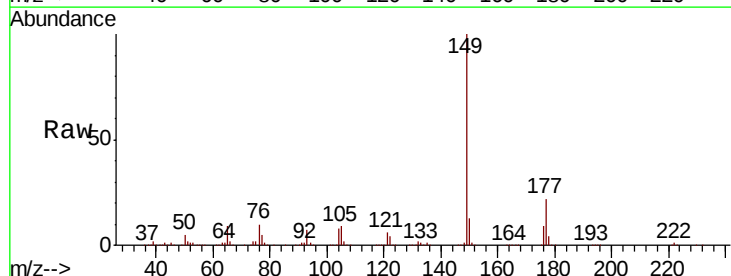
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMPMSD

Tot Ion:232 Resp: 277997  
 Ion Ratio Lower Upper  
 232 100  
 131 49.6 36.3 54.5  
 130 2.6 2.0 3.0  
 166 31.2 20.9 31.3



#60  
 Diethylphthalate  
 Concen: 50.488 ng  
 RT: 10.32 min Scan# 1399  
 Delta R.T. 0.01 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Tgt Ion:149 Resp: 1147086  
 Ion Ratio Lower Upper  
 149 100  
 177 21.7 16.4 24.6  
 150 12.6 10.2 15.4

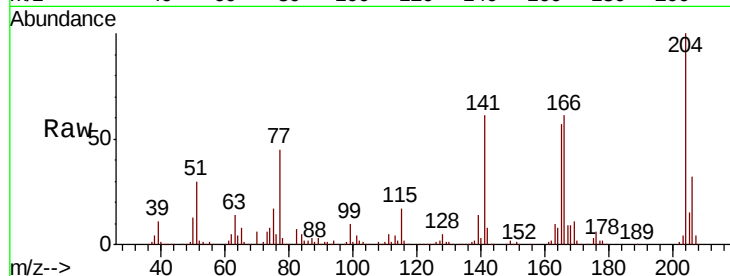




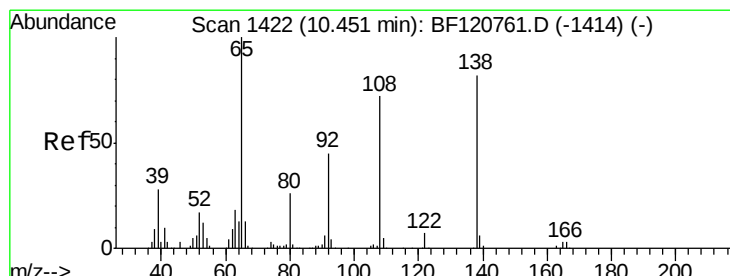
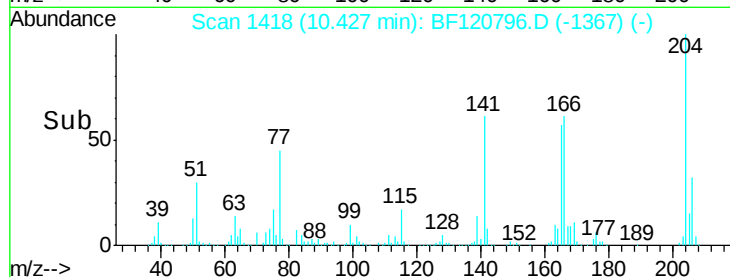
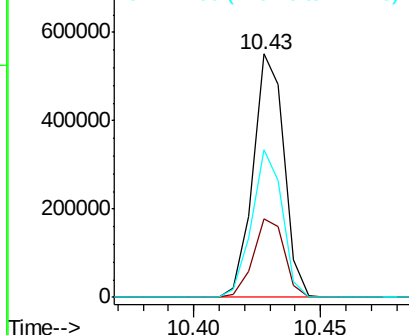
#61  
 4-Chlorophenyl-phenylether  
 Concen: 46.204 ng  
 RT: 10.43 min Scan# 1418  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMPMSD

Tot Ion:204 Resp: 468315  
 Ion Ratio Lower Upper  
 204 100  
 206 32.5 26.7 40.1  
 141 60.9 48.5 72.7

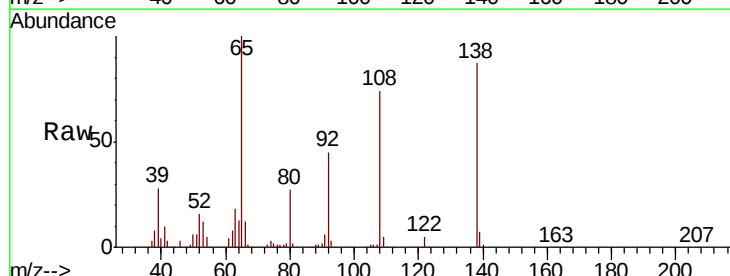


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

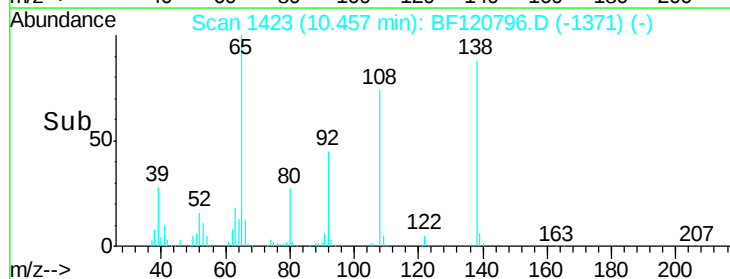
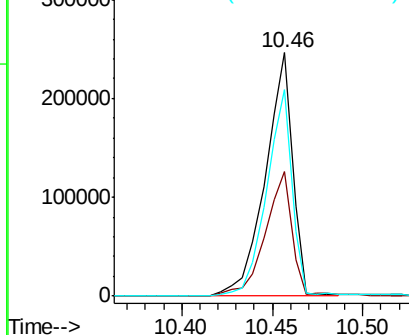


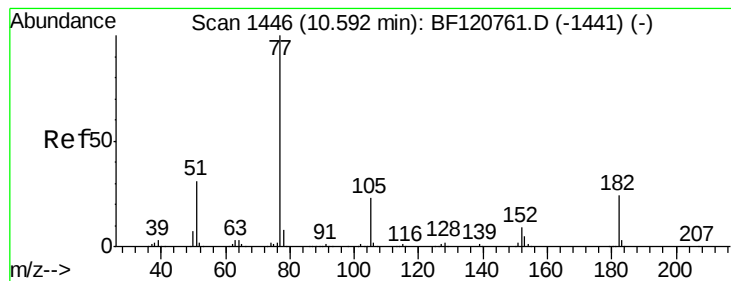
#62  
 4-Nitroaniline  
 Concen: 55.598 ng  
 RT: 10.46 min Scan# 1423  
 Delta R.T. 0.01 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Tgt Ion:138 Resp: 257646  
 Ion Ratio Lower Upper  
 138 100  
 92 51.4 34.3 74.3  
 108 84.9 68.3 108.3



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: 49.456 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

Tot Ion: 77 Resp: 1149439

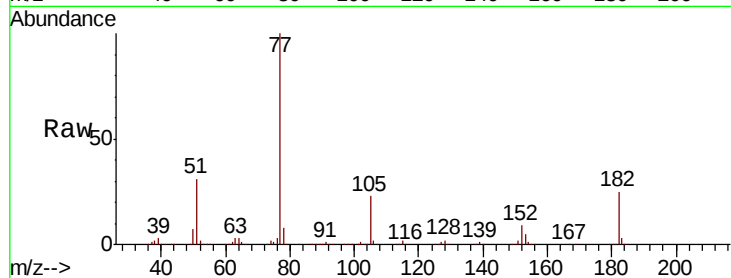
Ion Ratio Lower Upper

77 100

182 25.0 4.0 44.0

105 22.7 2.6 42.6

51 31.3 11.5 51.5

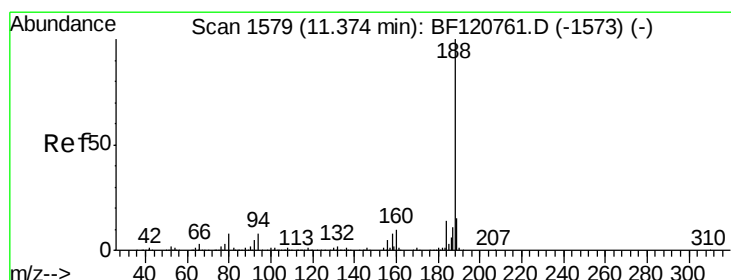
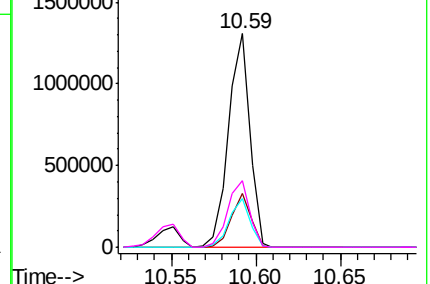
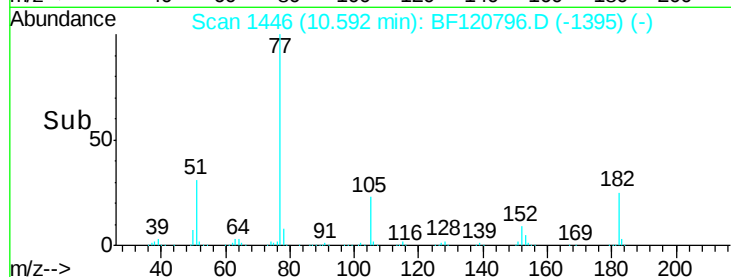


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

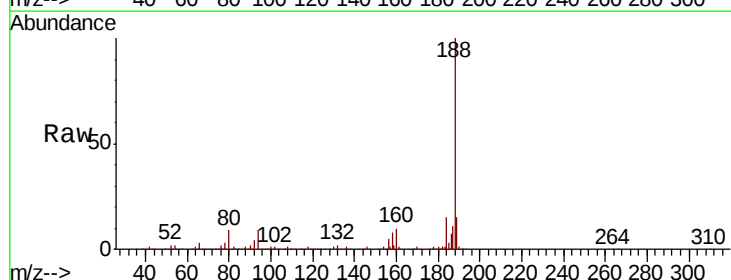
Tgt Ion: 188 Resp: 550264

Ion Ratio Lower Upper

188 100

94 8.9 6.6 9.8

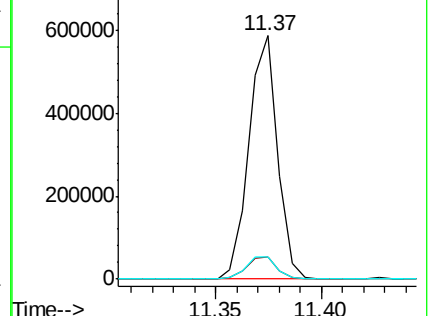
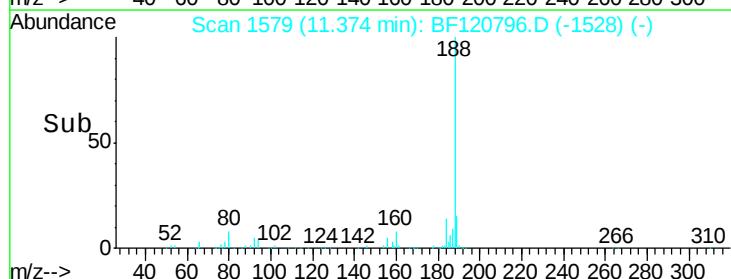
80 8.9 6.6 10.0

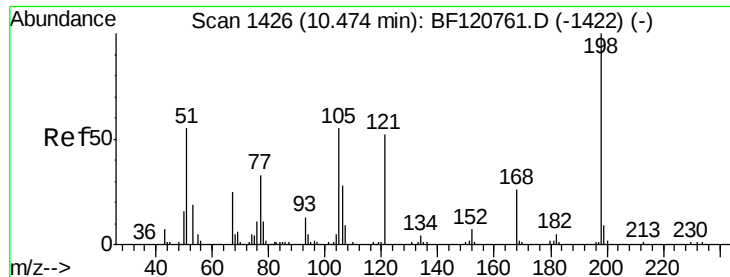


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

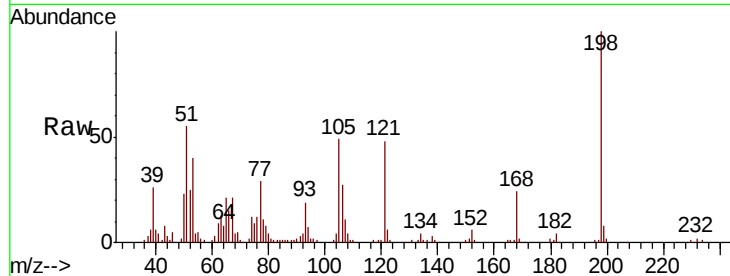




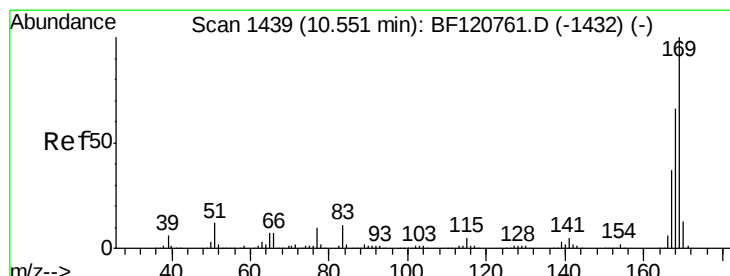
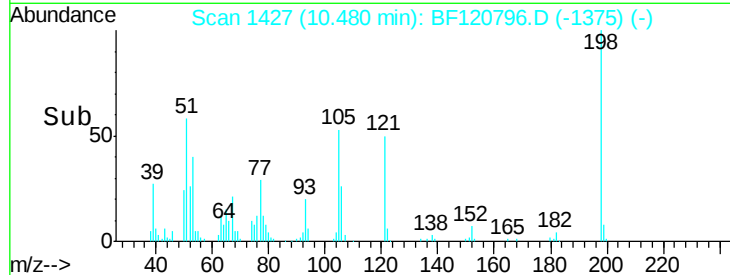
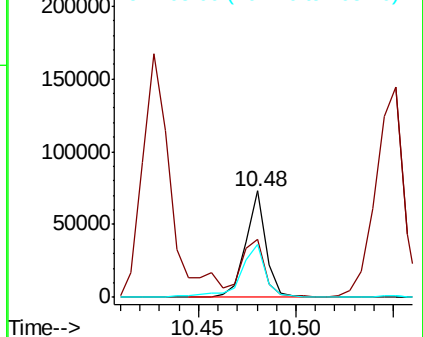
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 26.477 ng  
 RT: 10.48 min Scan# 1427  
 Delta R.T. 0.01 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMPMSD

Tot Ion:198 Resp: 52752  
 Ion Ratio Lower Upper  
 198 100  
 51 54.9 50.0 90.0  
 105 49.4 38.3 78.3

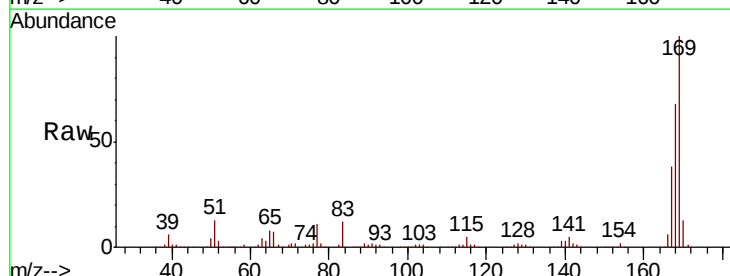


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF1  
 Ion 105.00 (104.70 to 105.70): E

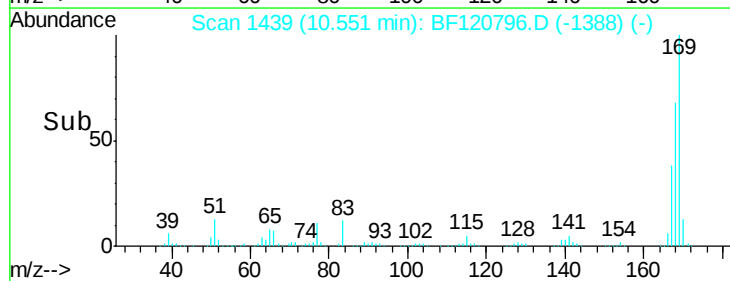
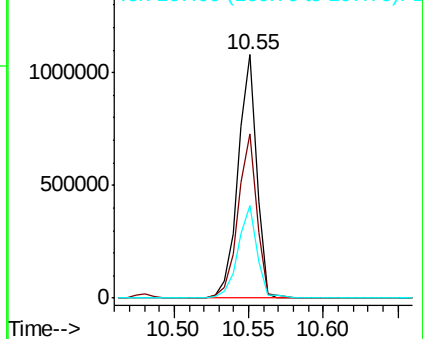


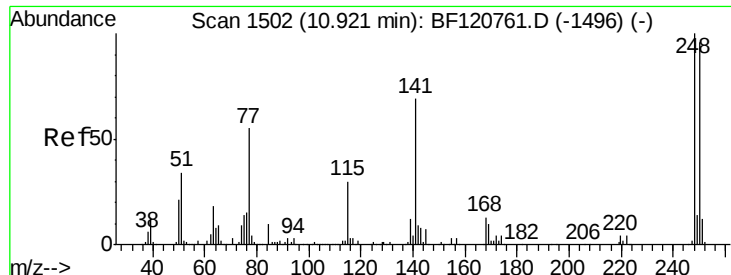
#66  
 n-Nitrosodiphenylamine  
 Concen: 51.187 ng  
 RT: 10.55 min Scan# 1439  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Tgt Ion:169 Resp: 944070  
 Ion Ratio Lower Upper  
 169 100  
 168 67.7 53.1 79.7  
 167 38.0 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

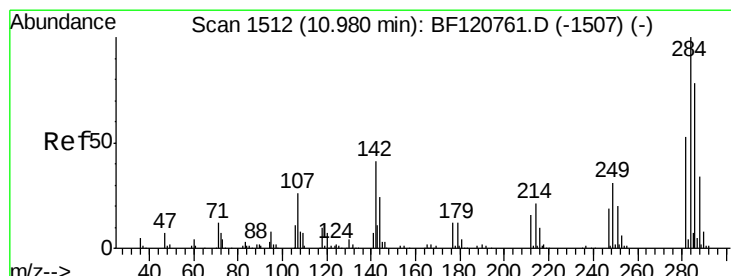
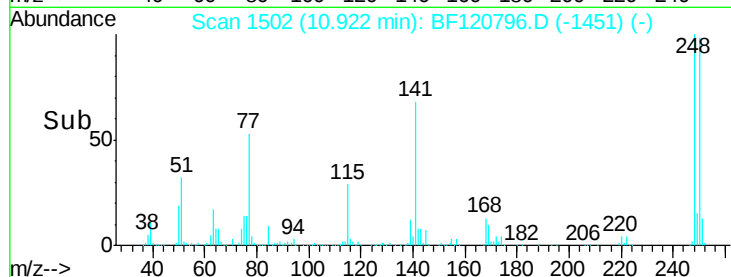
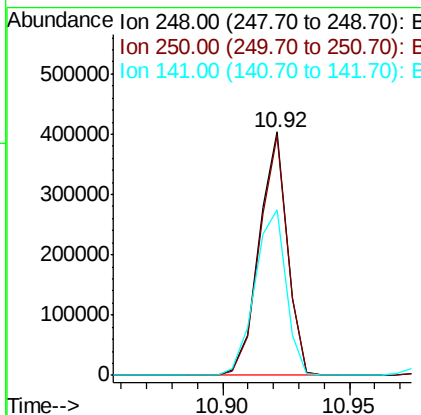
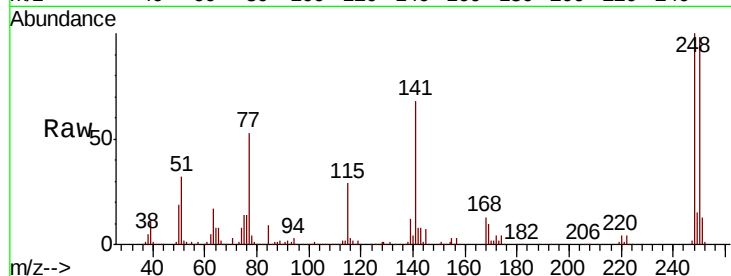




#67  
 4-Bromophenyl-phenylether  
 Concen: 49.290 ng  
 RT: 10.92 min Scan# 1502  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

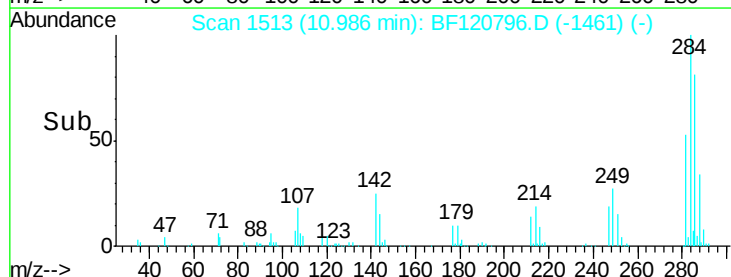
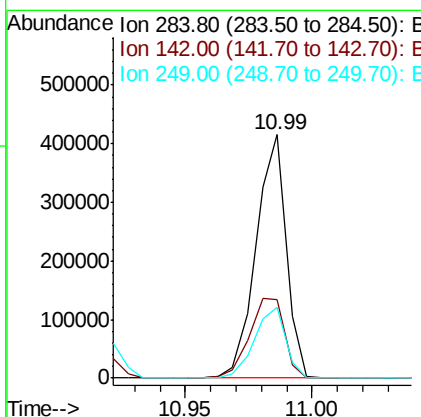
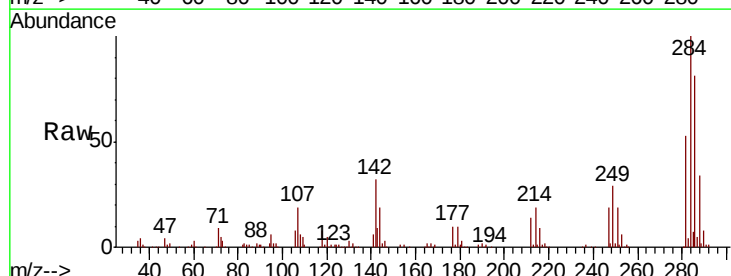
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMPMSD

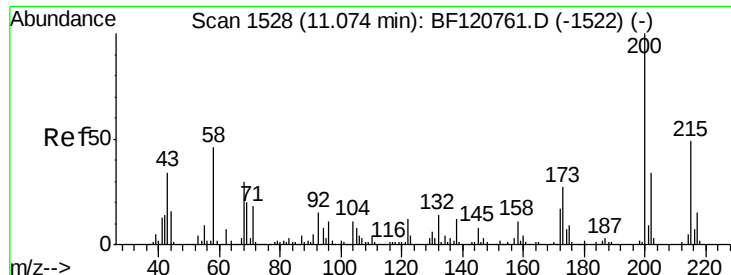
Tot Ion:248 Resp: 314624  
 Ion Ratio Lower Upper  
 248 100  
 250 98.4 76.5 114.7  
 141 68.2 54.9 82.3



#68  
 Hexachlorobenzene  
 Concen: 51.731 ng  
 RT: 10.99 min Scan# 1513  
 Delta R.T. 0.01 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Tgt Ion:284 Resp: 346498  
 Ion Ratio Lower Upper  
 284 100  
 142 32.1 32.5 48.7#  
 249 29.2 24.8 37.2

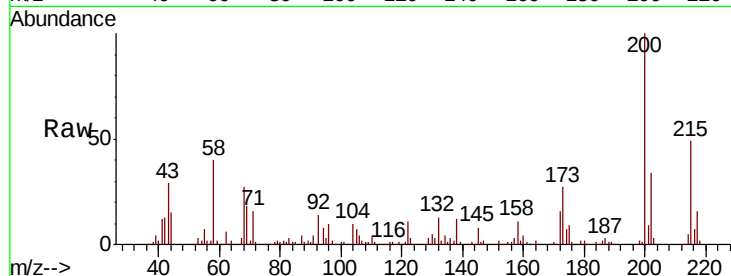




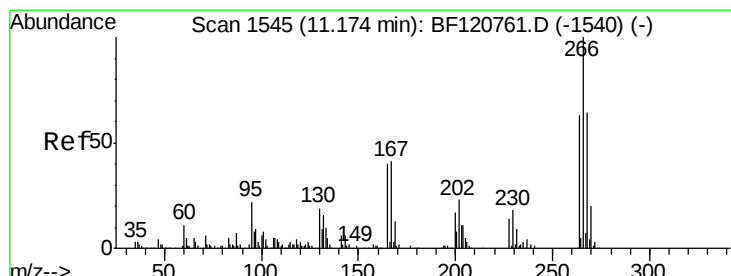
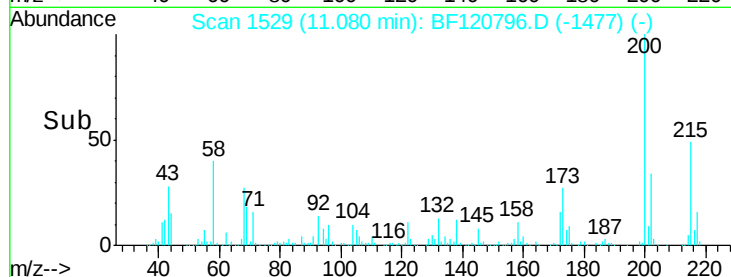
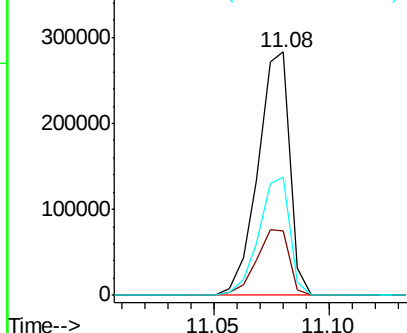
#69  
 Atrazine  
 Concen: 57.314 ng  
 RT: 11.08 min Scan# 1529  
 Delta R.T. 0.01 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.5  | 7.4   | 47.4  |
| 215     | 48.6  | 28.8  | 68.8  |

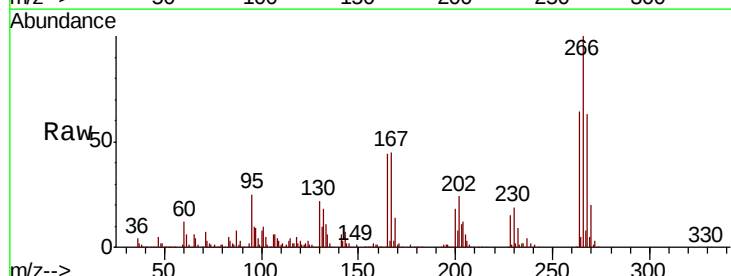


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

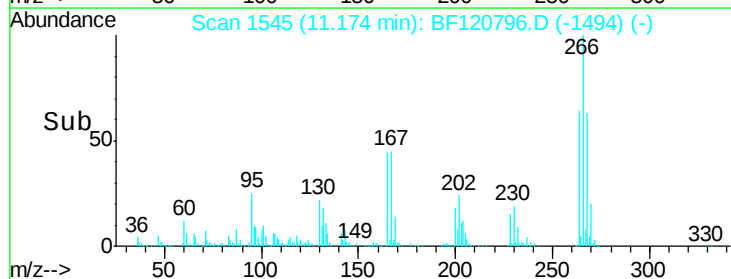
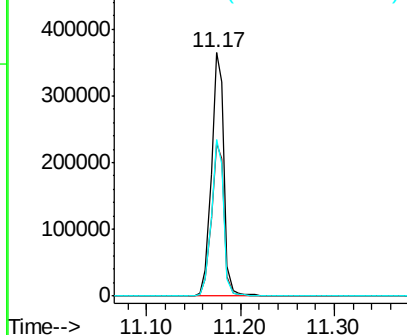


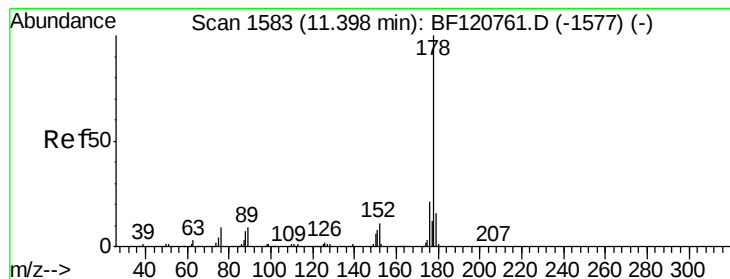
#70  
 Pentachlorophenol  
 Concen: 91.764 ng  
 RT: 11.17 min Scan# 1545  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.9  | 51.4  | 77.2  |
| 264     | 64.3  | 50.6  | 75.8  |



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: 50.109 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

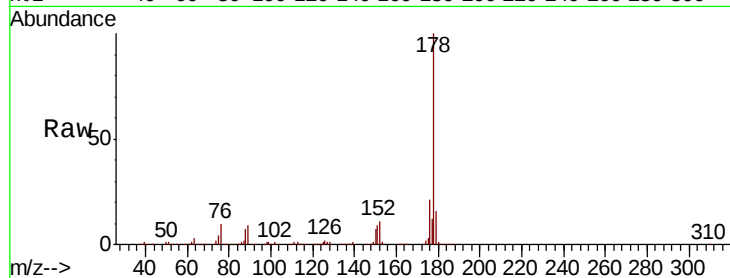
Tot Ion:178 Resp: 1496074

Ion Ratio Lower Upper

178 100

176 21.2 16.4 24.6

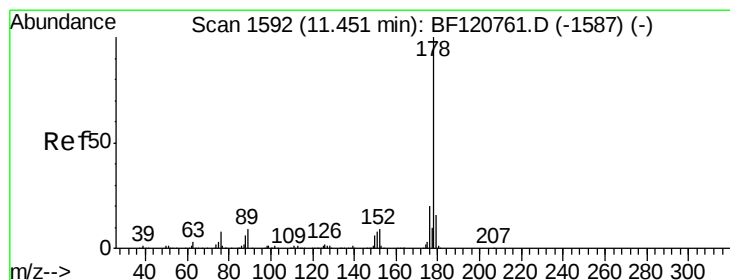
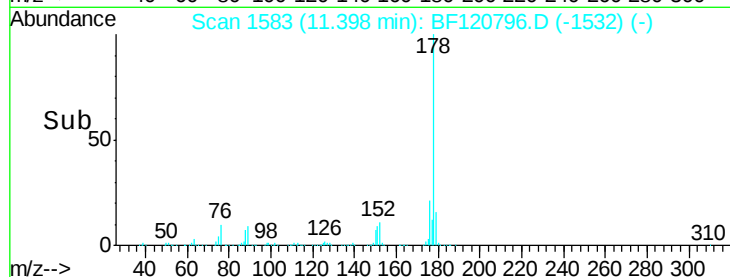
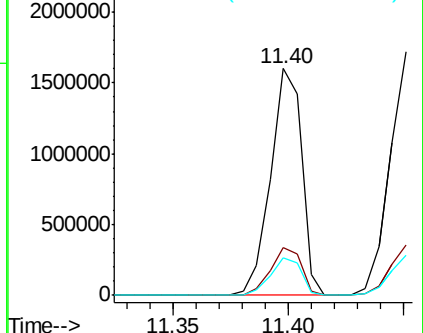
179 16.3 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.432 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

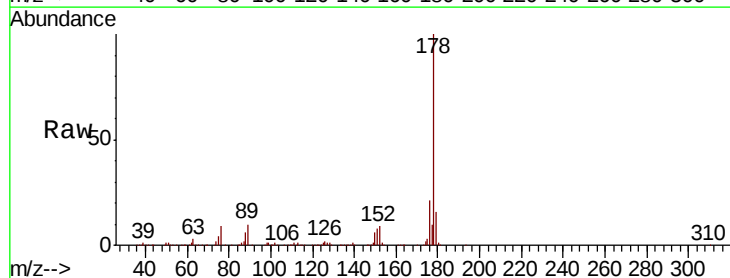
Tgt Ion:178 Resp: 1551717

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.2

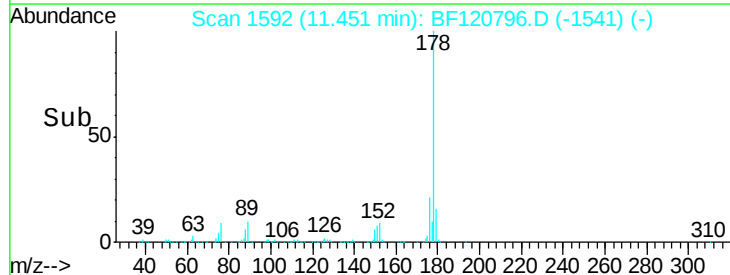
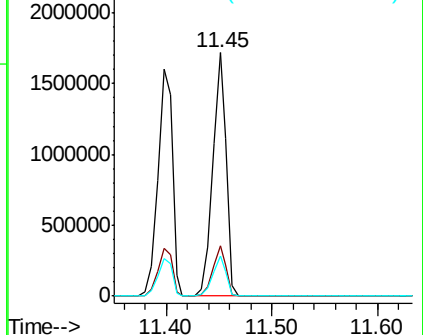
179 16.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

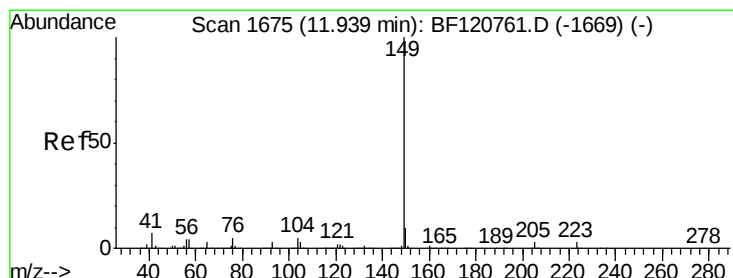
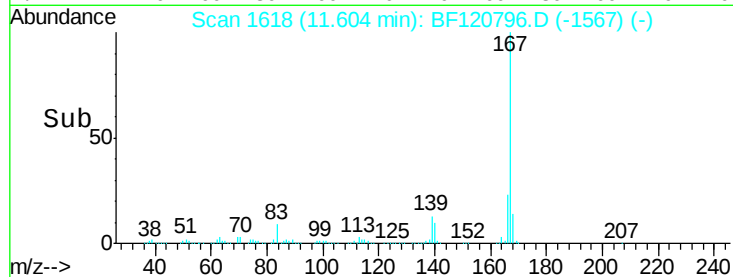
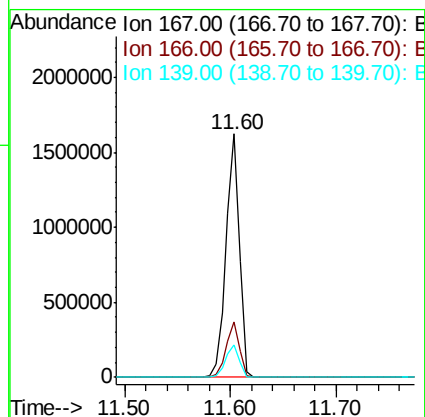
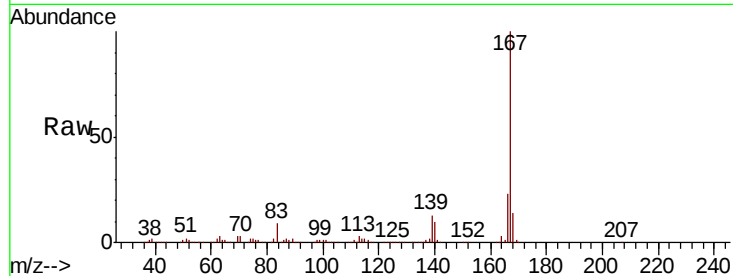




#73  
 Carbazole  
 Concen: 49.613 ng  
 RT: 11.60 min Scan# 1618  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

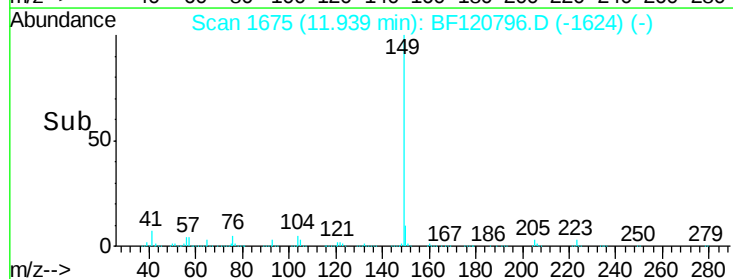
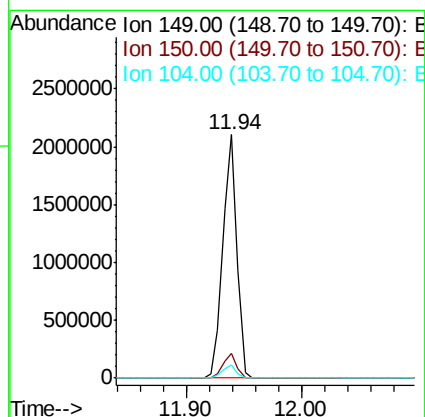
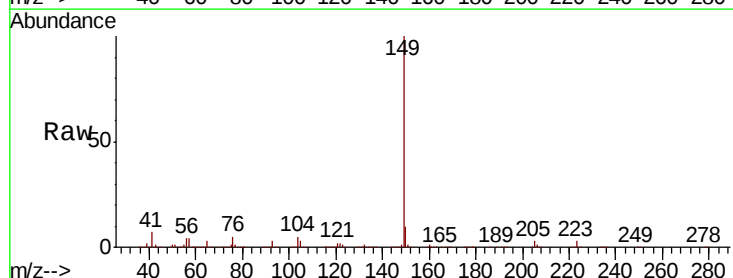
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMPMSD

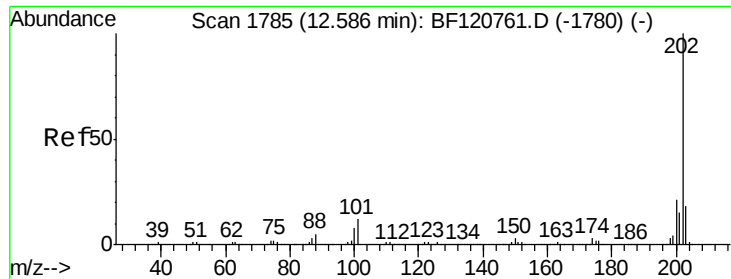
Tot Ion:167 Resp: 1438424  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 17.8 26.8  
 139 13.5 10.7 16.1



#74  
 Di-n-butylphthalate  
 Concen: 49.373 ng  
 RT: 11.94 min Scan# 1675  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Tgt Ion:149 Resp: 1772240  
 Ion Ratio Lower Upper  
 149 100  
 150 10.2 7.7 11.5  
 104 5.4 4.0 6.0





#75

Fluoranthene

Concen: 51.403 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

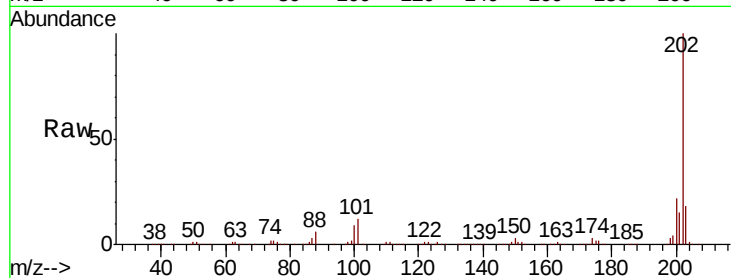
Tot Ion:202 Resp: 1634904

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.6

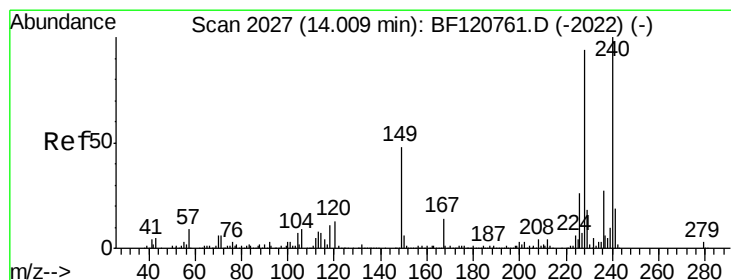
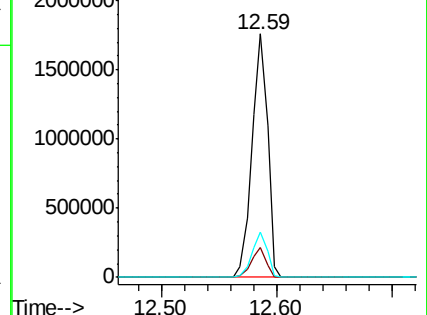
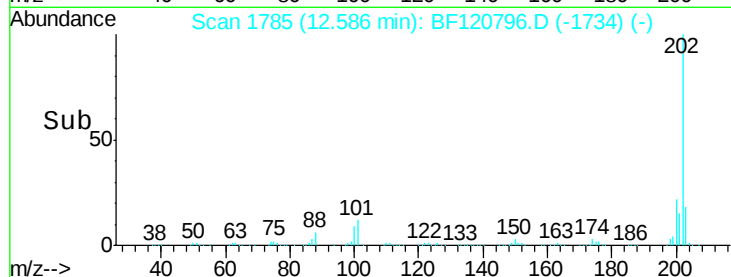
203 18.5 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

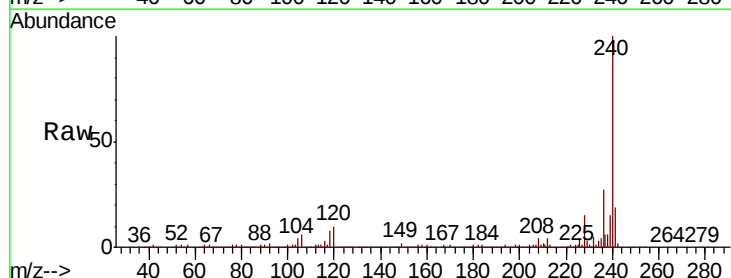
Tgt Ion:240 Resp: 394643

Ion Ratio Lower Upper

240 100

120 9.5 10.3 15.5#

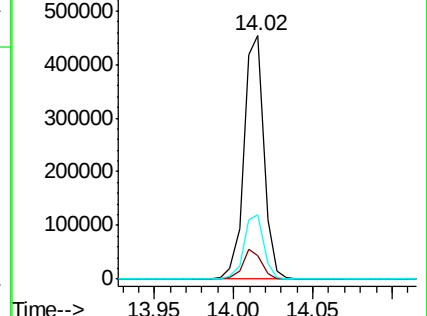
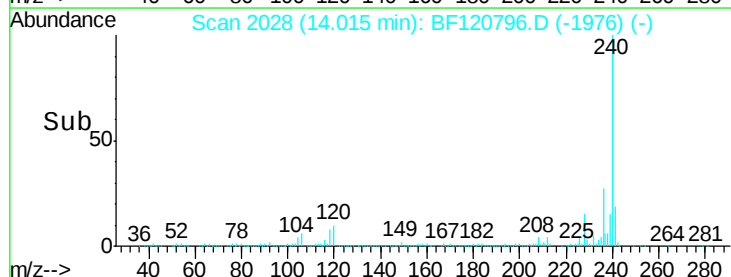
236 26.5 21.4 32.2

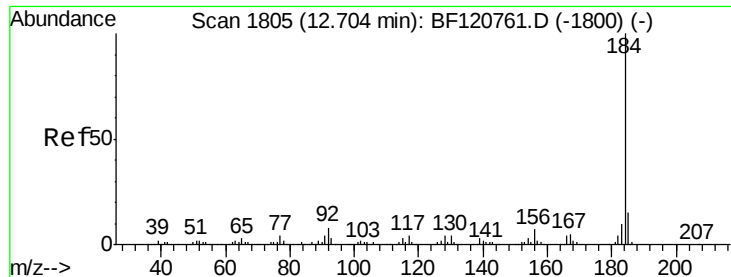


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 72.158 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

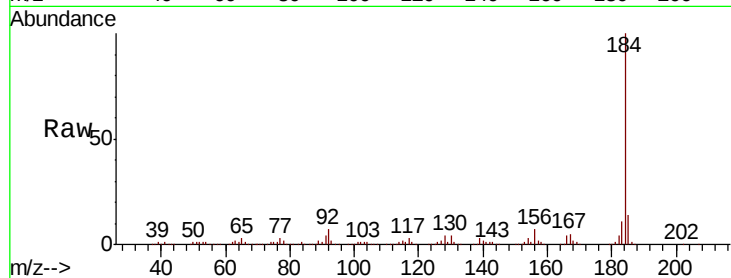
Tot Ion:184 Resp: 803780

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.8

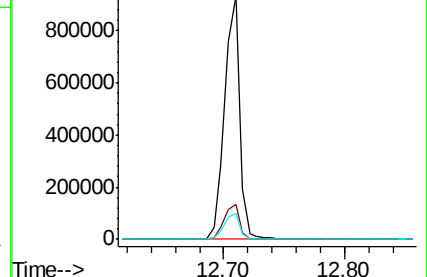
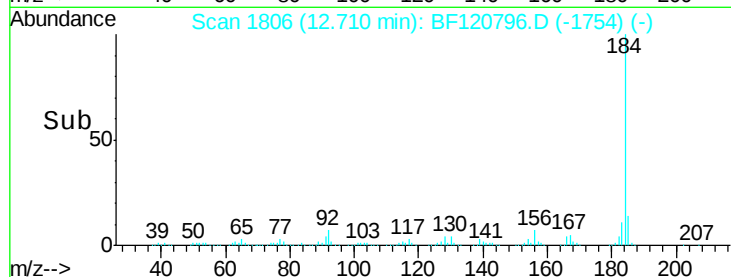
183 10.8 8.3 12.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.854 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

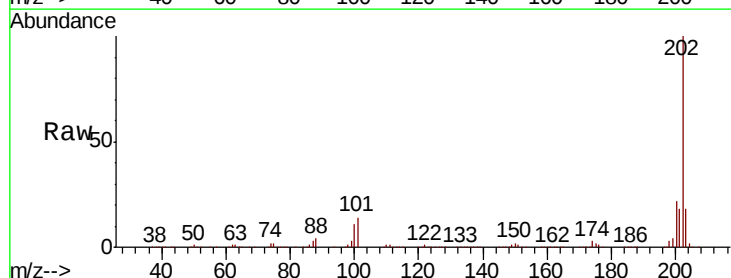
Tgt Ion:202 Resp: 1634352

Ion Ratio Lower Upper

202 100

200 21.9 17.3 25.9

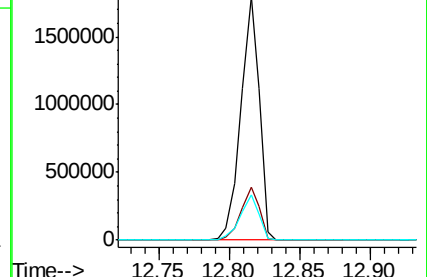
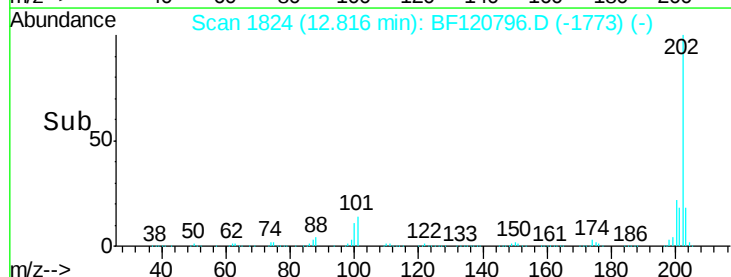
203 18.4 14.6 22.0

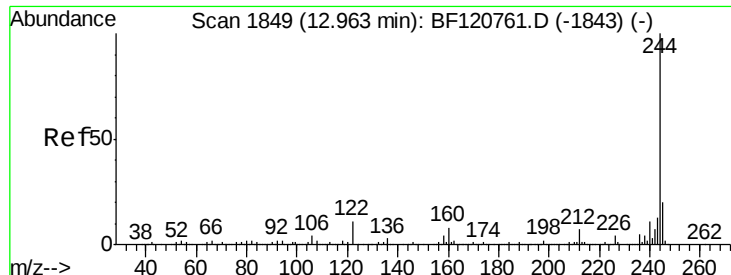


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.813 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

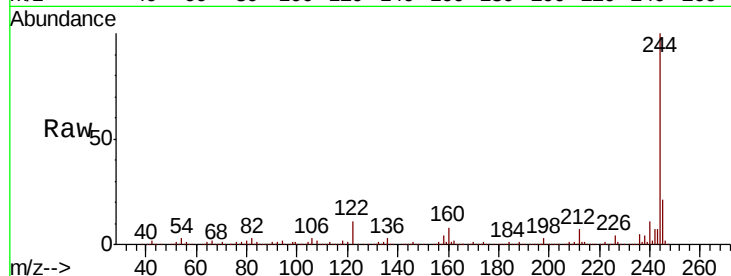
Tot Ion:244 Resp: 2112663

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

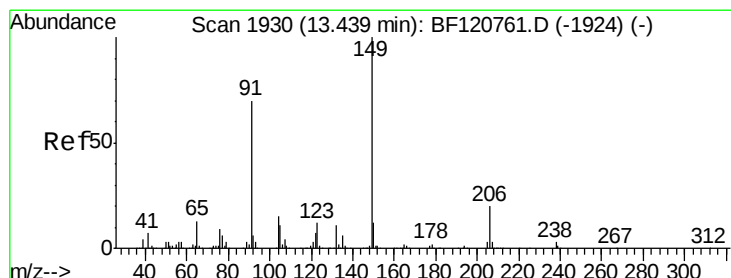
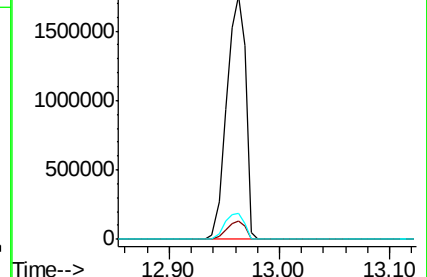
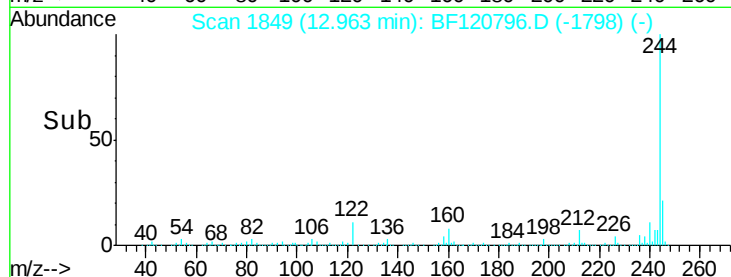
122 10.5 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 56.026 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

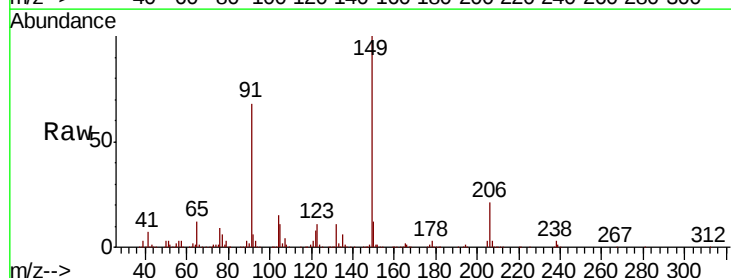
Tgt Ion:149 Resp: 762385

Ion Ratio Lower Upper

149 100

91 67.7 55.8 83.8

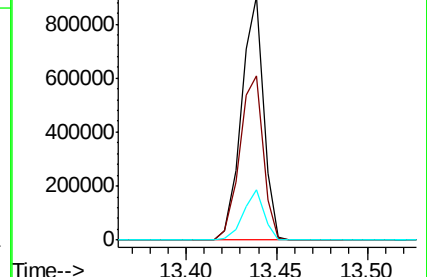
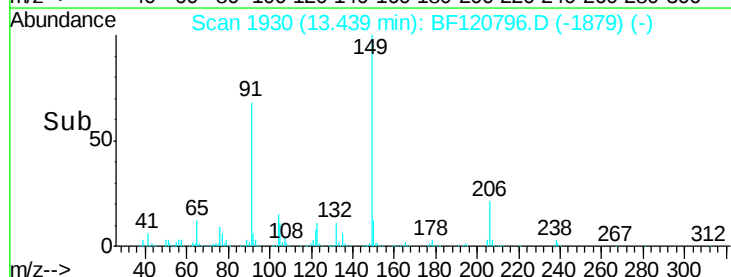
206 20.5 15.7 23.5

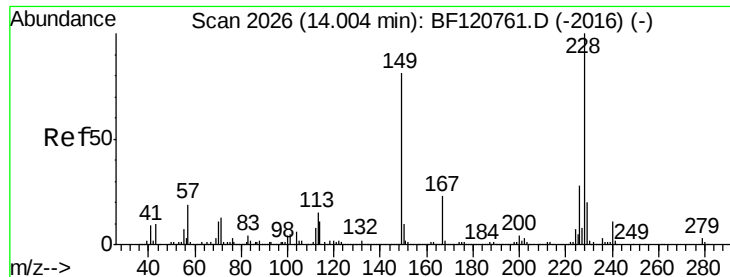


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.985 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

BNA\_F

ClientSampleId :

RO-COMPMSD

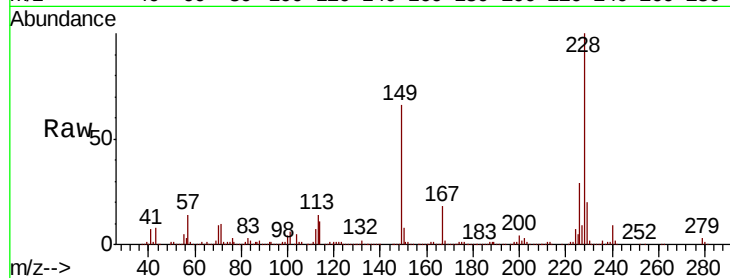
Tot Ion:228 Resp: 1213881

Ion Ratio Lower Upper

228 100

226 28.9 22.6 33.8

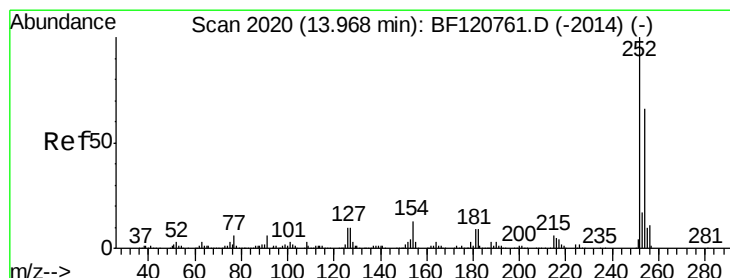
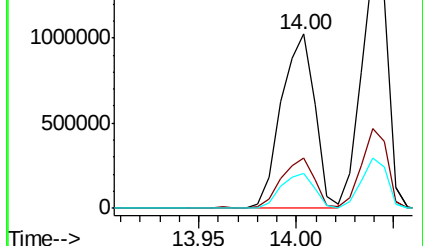
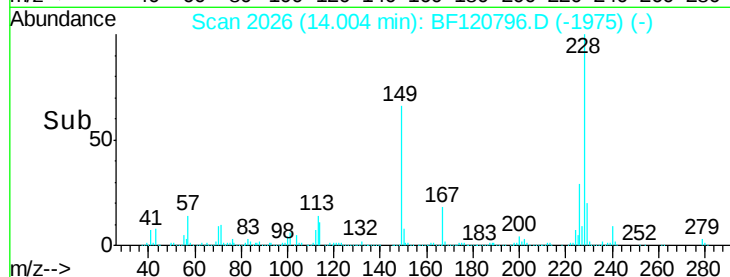
229 20.2 15.8 23.6



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: 41.641 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

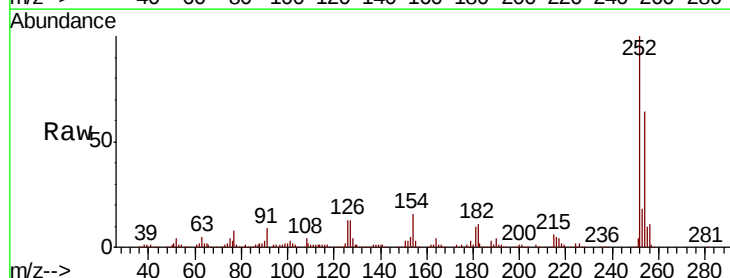
Tgt Ion:252 Resp: 355484

Ion Ratio Lower Upper

252 100

254 64.5 52.6 78.8

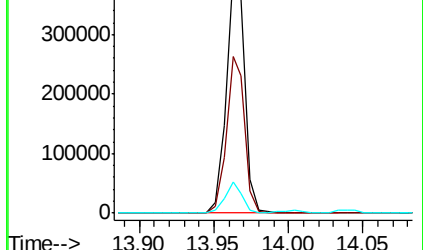
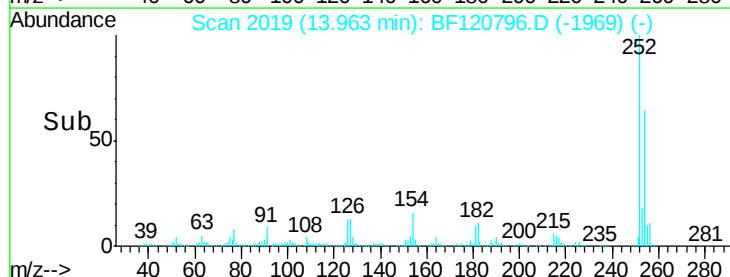
126 12.9 7.8 11.8#

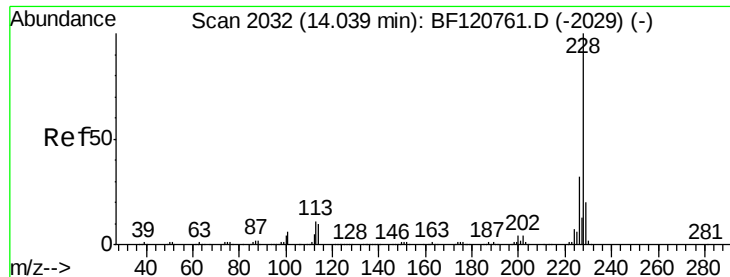


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 52.102 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Instrument :

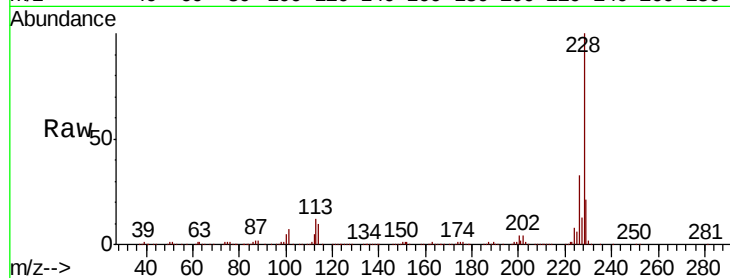
BNA\_F

ClientSampleId :

RO-COMPMSD

Tot Ion:228 Resp: 1344439

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 33.0  | 25.7  | 38.5  |
| 229 | 20.9  | 16.3  | 24.5  |

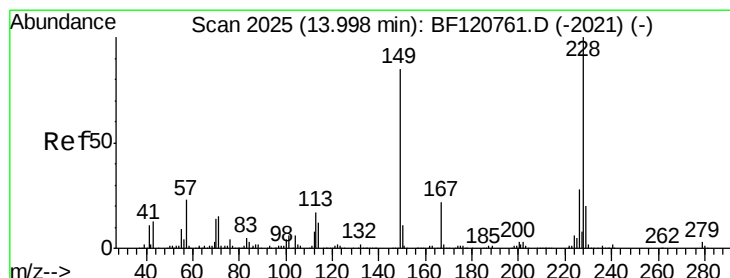
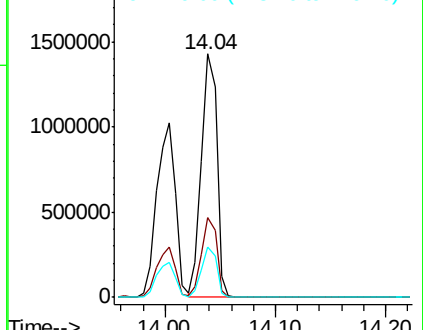
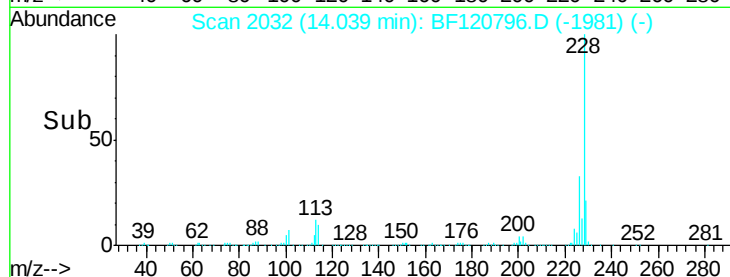


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.624 ng

RT: 14.00 min Scan# 2025

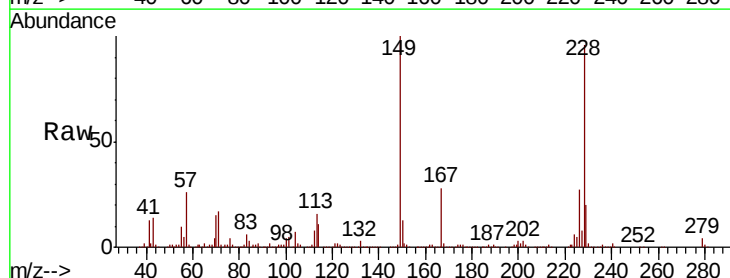
Delta R.T. 0.00 min

Lab File: BF120796.D

Acq: 7 Jul 2020 19:23

Tgt Ion:149 Resp: 903348

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.7  | 20.9  | 31.3  |
| 279 | 4.2   | 2.6   | 4.0   |

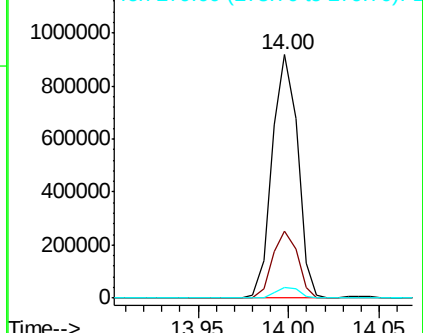
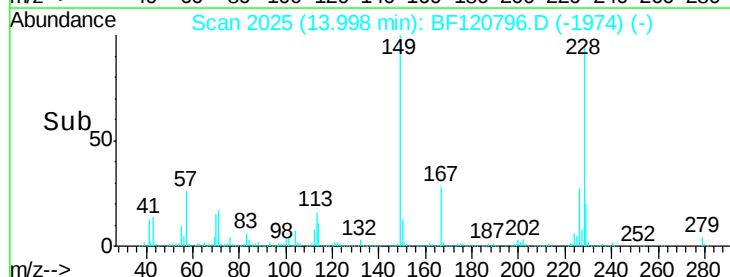


Abundance

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

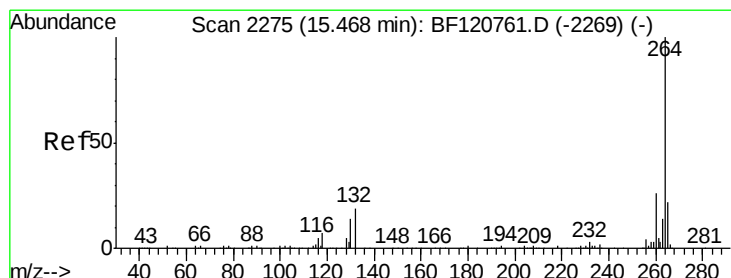
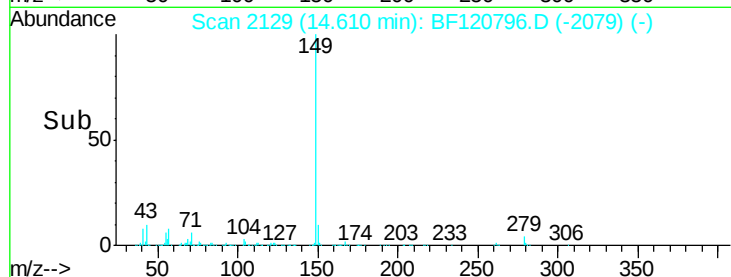
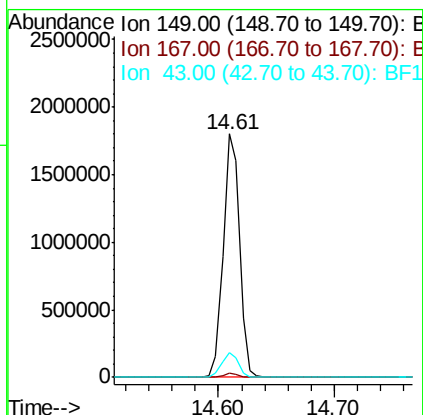
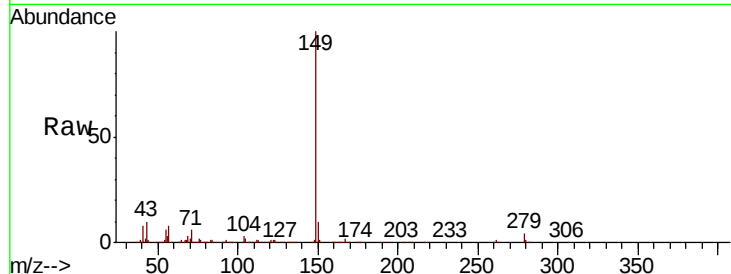




#85  
Di-n-octyl phthalate  
Concen: 55.759 ng  
RT: 14.61 min Scan# 2129  
Delta R.T. -0.01 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

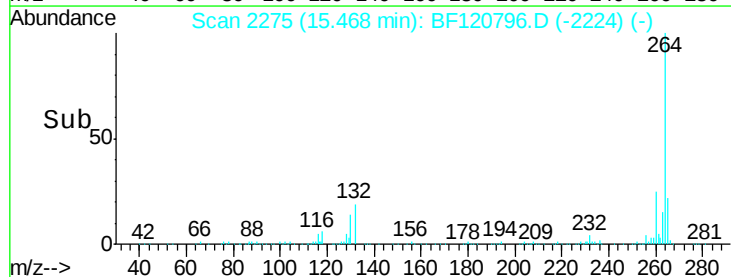
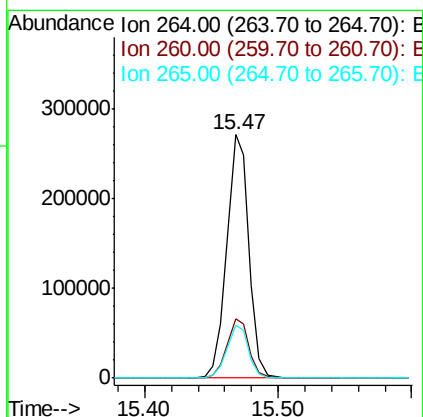
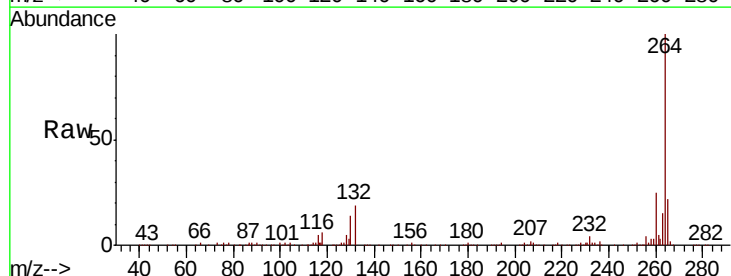
Instrument :  
BNA\_F  
ClientSampleId :  
RO-COMPMSD

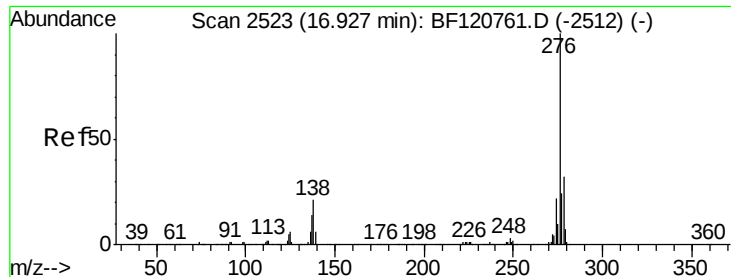
Tot Ion:149 Resp: 1760222  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 10.2 8.7 13.1



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.47 min Scan# 2275  
Delta R.T. 0.00 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

Tgt Ion:264 Resp: 316447  
Ion Ratio Lower Upper  
264 100  
260 24.5 20.6 30.8  
265 21.9 17.6 26.4



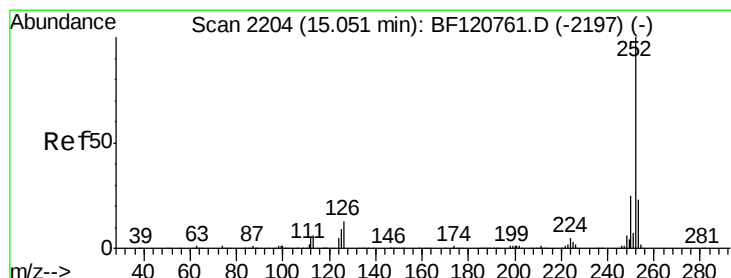
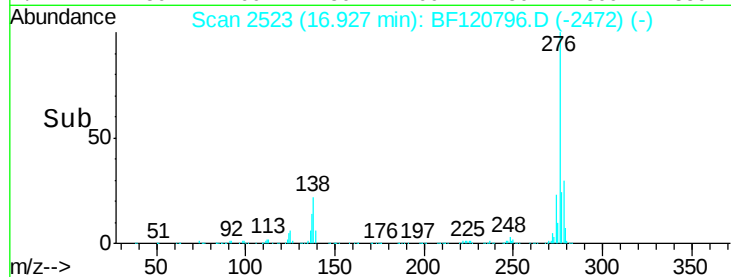
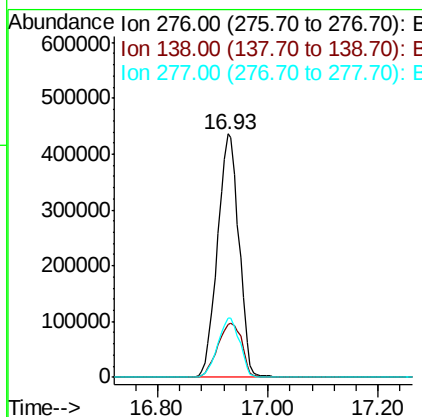
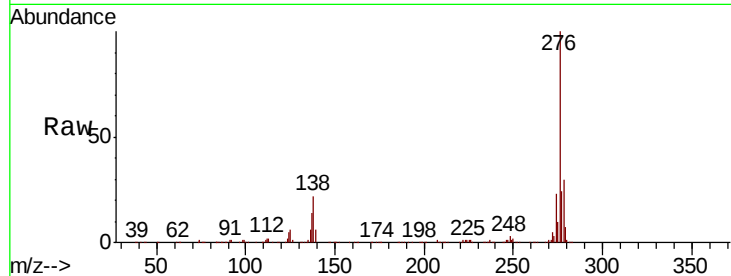


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 58.434 ng  
 RT: 16.93 min Scan# 2523  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMPMSD

Tot Ion:276 Resp: 1186061  

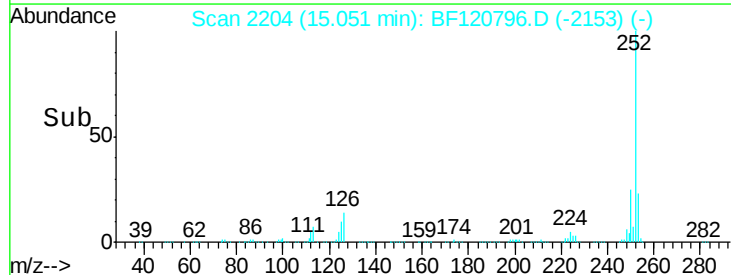
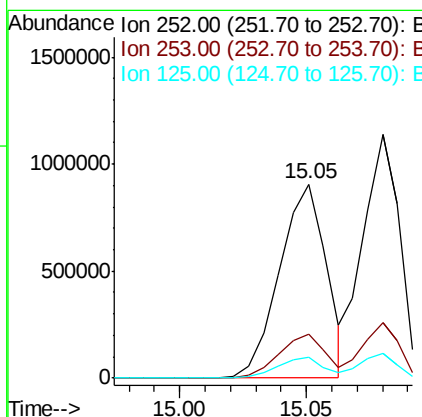
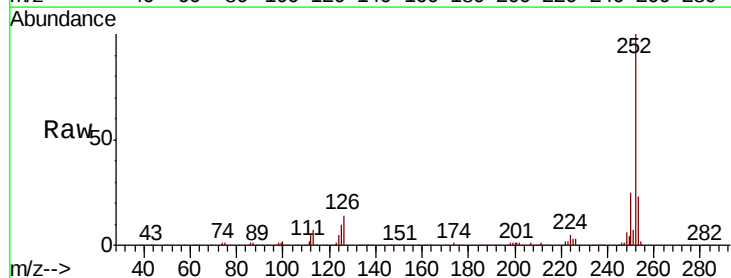
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 25.2  | 19.8  | 29.8  |
| 277 | 25.0  | 19.9  | 29.9  |

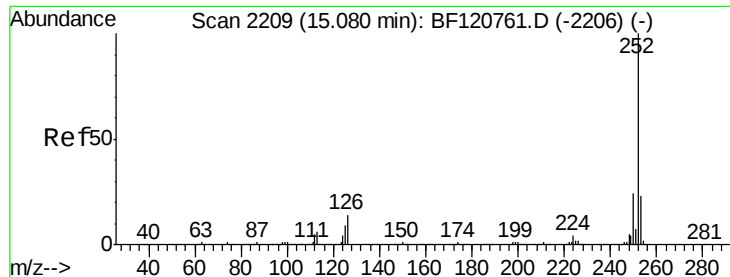


#88  
 Benzo(b)fluoranthene  
 Concen: 55.956 ng  
 RT: 15.05 min Scan# 2204  
 Delta R.T. 0.00 min  
 Lab File: BF120796.D  
 Acq: 7 Jul 2020 19:23

Tgt Ion:252 Resp: 1164109  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.9  | 18.0  | 27.0  |
| 125 | 10.5  | 7.5   | 11.3  |

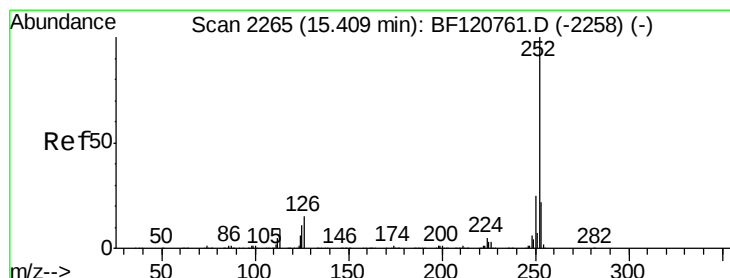
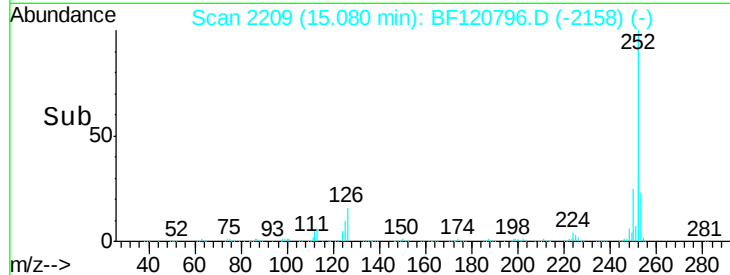
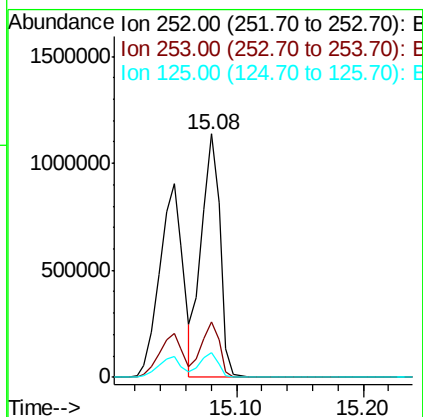
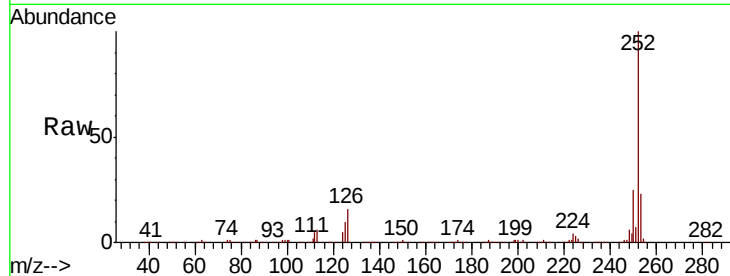




#89  
Benzo(k)fluoranthene  
Concen: 57.128 ng  
RT: 15.08 min Scan# 2209  
Delta R.T. 0.00 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

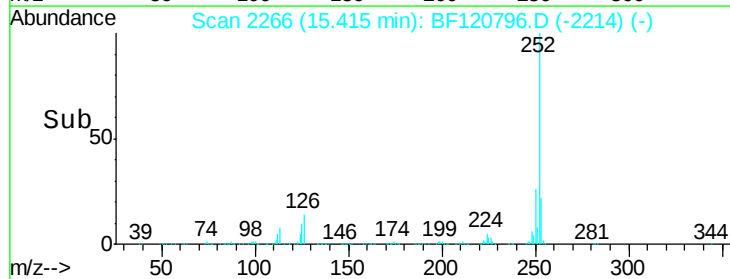
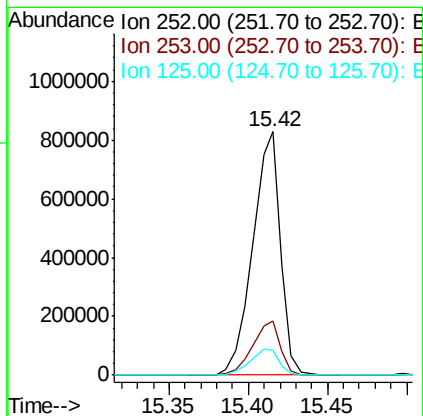
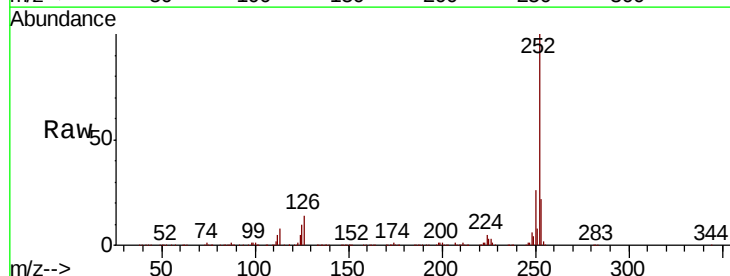
Instrument :  
BNA\_F  
ClientSampleId :  
RO-COMPMSD

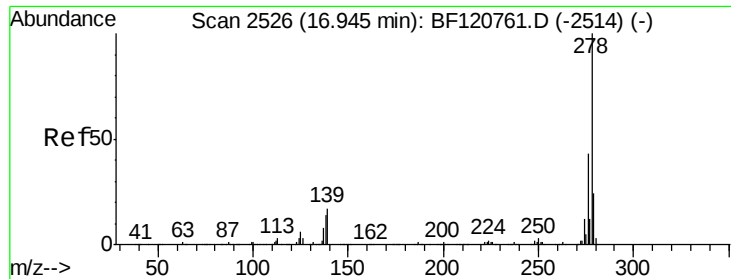
Tot Ion:252 Resp: 1156467  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.9 26.9  
125 10.4 7.6 11.4



#90  
Benzo(a)pyrene  
Concen: 54.221 ng  
RT: 15.42 min Scan# 2266  
Delta R.T. 0.01 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

Tgt Ion:252 Resp: 1006247  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.4 26.0  
125 10.1 9.2 13.8

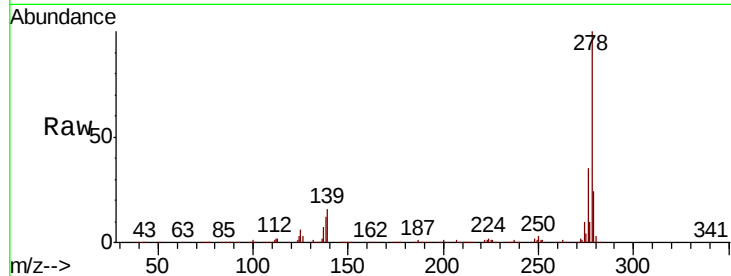




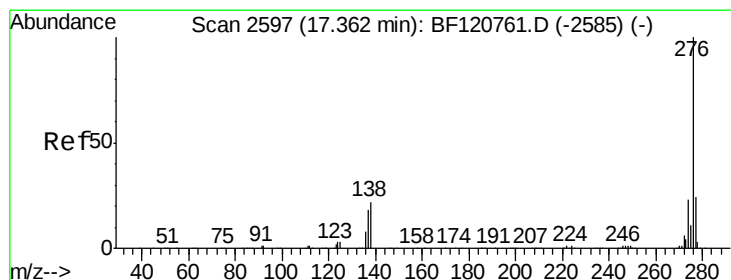
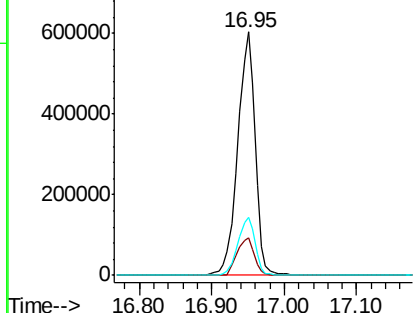
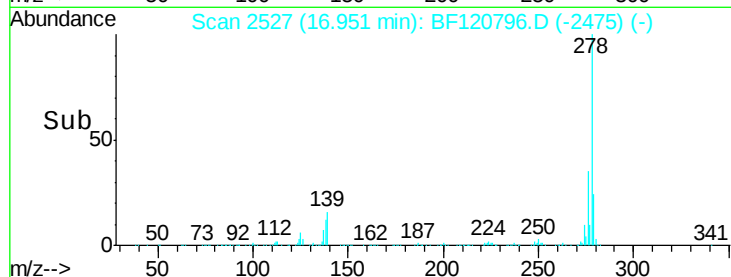
#91  
Dibenzo(a,h)anthracene  
Concen: 59.929 ng  
RT: 16.95 min Scan# 2527  
Delta R.T. 0.01 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

Instrument :  
BNA\_F  
ClientSampleId :  
RO-COMPMSD

Tot Ion:278 Resp: 1013833  
Ion Ratio Lower Upper  
278 100  
139 15.6 13.3 19.9  
279 24.0 19.0 28.6

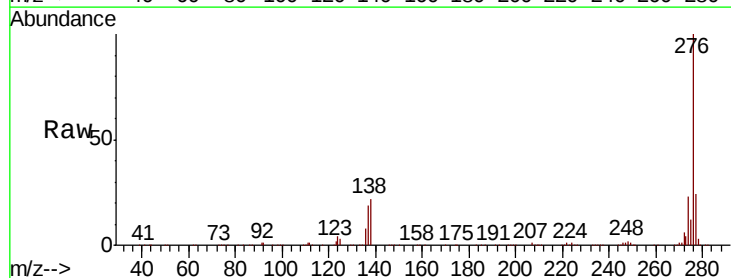


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 60.052 ng  
RT: 17.37 min Scan# 2598  
Delta R.T. 0.01 min  
Lab File: BF120796.D  
Acq: 7 Jul 2020 19:23

Tgt Ion:276 Resp: 928482  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.8 28.2  
138 22.2 17.4 26.2



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

