

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\  
 Data File : BF120307.D  
 Acq On : 14 May 2020 22:51  
 Operator : MA/SJ  
 Sample : L2501-07MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 15 02:42:13 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 14 12:47:38 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.62  | 152  | 373604   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.91  | 136  | 1455602  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.66  | 164  | 707725   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.15 | 188  | 1242331  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.79 | 240  | 701424   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.17 | 264  | 657288   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.25  | 112 | 1917370 | 99.86  | ng | 0.02 |
| 7) Phenol-d6             | 6.28  | 99  | 2139706 | 88.12  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.20  | 82  | 1641072 | 77.19  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.46 | 330 | 607411  | 105.26 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 8.99  | 172 | 2900161 | 84.19  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.73 | 244 | 2611396 | 82.25  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.36 | 88  | 299970  | 39.272 | ng | 96     |
| 3) Pyridine                    | 3.02 | 79  | 560363  | 23.338 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 2.94 | 42  | 331642  | 35.275 | ng | 96     |
| 6) Aniline                     | 6.29 | 93  | 554871  | 17.868 | ng | # 31   |
| 8) 2-Chlorophenol              | 6.42 | 128 | 847004  | 37.832 | ng | 97     |
| 9) Benzaldehyde                | 6.17 | 77  | 404440  | 27.019 | ng | 99     |
| 10) Phenol                     | 6.29 | 94  | 859315  | 30.316 | ng | 87     |
| 11) bis(2-Chloroethyl)ether    | 6.37 | 93  | 826356  | 36.496 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.56 | 146 | 826619  | 34.505 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.64 | 146 | 864625  | 35.042 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.79 | 146 | 791495  | 35.622 | ng | 98     |
| 15) Benzyl Alcohol             | 6.78 | 79  | 658875  | 38.194 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.91 | 45  | 1293528 | 36.251 | ng | 90     |
| 17) 2-Methylphenol             | 6.90 | 107 | 643544  | 34.050 | ng | 94     |
| 18) Hexachloroethane           | 7.13 | 117 | 307755  | 32.741 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.05 | 70  | 589434  | 37.053 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.06 | 107 | 835791  | 34.013 | ng | 97     |
| 22) Acetophenone               | 7.05 | 105 | 1168668 | 39.191 | ng | # 98   |
| 24) Nitrobenzene               | 7.22 | 77  | 876517  | 38.309 | ng | 100    |
| 25) Isophorone                 | 7.46 | 82  | 1647171 | 37.236 | ng | 99     |
| 26) 2-Nitrophenol              | 7.53 | 139 | 464958  | 38.855 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.58 | 122 | 724137  | 41.600 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 7.67 | 93  | 1068502 | 38.430 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.78 | 162 | 684941  | 38.312 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.85 | 180 | 734527  | 37.076 | ng | 98     |
| 31) Naphthalene                | 7.93 | 128 | 2412576 | 39.272 | ng | 100    |
| 32) Benzoic acid               | 7.73 | 122 | 357567  | 31.338 | ng | 95     |
| 33) 4-Chloroaniline            | 7.99 | 127 | 372621  | 13.310 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.05 | 225 | 404630  | 35.336 | ng | 97     |
| 35) Caprolactam                | 8.36 | 113 | 98087   | 16.770 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.49 | 107 | 718634  | 37.158 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.62 | 142 | 1564432 | 37.213 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.72 | 142 | 1494703 | 36.658 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.79 | 216 | 706062  | 39.565 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\  
 Data File : BF120307.D  
 Acq On : 14 May 2020 22:51  
 Operator : MA/SJ  
 Sample : L2501-07MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

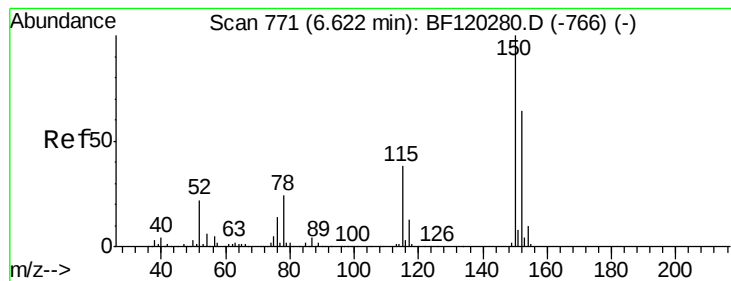
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 15 02:42:13 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 14 12:47:38 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.77  | 237  | 335829   | 48.468 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 8.91  | 196  | 463622   | 38.704 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 8.96  | 196  | 495786   | 36.040 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.09  | 154  | 1902051  | 41.018 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.12  | 162  | 1437787  | 38.654 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.22  | 65   | 514842   | 37.935 | ng    | 98       |
| 49) Acenaphthylene             | 9.53  | 152  | 2188566  | 38.518 | ng    | 100      |
| 50) Dimethylphthalate          | 9.40  | 163  | 1870786  | 41.816 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.46  | 165  | 366348   | 36.689 | ng    | 93       |
| 52) Acenaphthene               | 9.70  | 154  | 1291265  | 37.914 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.63  | 138  | 203991   | 17.131 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 9.75  | 184  | 252389   | 53.548 | ng    | 91       |
| 55) Dibenzofuran               | 9.87  | 168  | 1899108  | 38.722 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.82  | 139  | 388318   | 60.692 | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 9.87  | 165  | 440033   | 37.568 | ng    | 98       |
| 58) Fluorene                   | 10.22 | 166  | 1463389  | 39.179 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.00 | 232  | 391963   | 37.861 | ng    | 99       |
| 60) Diethylphthalate           | 10.10 | 149  | 1630424  | 37.748 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.20 | 204  | 713448   | 36.738 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.25 | 138  | 358188   | 32.304 | ng    | 98       |
| 63) Azobenzene                 | 10.37 | 77   | 1593233  | 39.030 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.27 | 198  | 189276   | 30.126 | ng    | 92       |
| 66) n-Nitrosodiphenylamine     | 10.33 | 169  | 1360420  | 39.581 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.69 | 248  | 435326   | 36.111 | ng    | 99       |
| 68) Hexachlorobenzene          | 10.76 | 284  | 464315   | 36.816 | ng    | 98       |
| 69) Atrazine                   | 10.86 | 200  | 348783   | 33.914 | ng    | 99       |
| 70) Pentachlorophenol          | 10.96 | 266  | 410369   | 76.505 | ng    | 99       |
| 71) Phenanthrene               | 11.17 | 178  | 2010249  | 38.508 | ng    | 99       |
| 72) Anthracene                 | 11.22 | 178  | 2176265  | 38.942 | ng    | 100      |
| 73) Carbazole                  | 11.38 | 167  | 1972178  | 37.769 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.72 | 149  | 2426570  | 38.559 | ng    | 99       |
| 75) Fluoranthene               | 12.36 | 202  | 2052862  | 36.689 | ng    | 99       |
| 77) Benzidine                  | 12.49 | 184  | 983938   | 48.037 | ng    | 97       |
| 78) Pyrene                     | 12.59 | 202  | 2025757  | 40.511 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.21 | 149  | 891047   | 37.842 | ng    | 97       |
| 81) Benzo(a)anthracene         | 13.77 | 228  | 1399736  | 37.835 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.74 | 252  | 399737   | 28.672 | ng    | 97       |
| 83) Chrysene                   | 13.81 | 228  | 1508272  | 37.967 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.77 | 149  | 1088719  | 37.163 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.38 | 149  | 1827724  | 34.680 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.51 | 276  | 1378795  | 38.241 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 14.79 | 252  | 1278277  | 35.611 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 14.82 | 252  | 1336415  | 42.972 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.12 | 252  | 1200396  | 37.288 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.52 | 278  | 1163686  | 40.803 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 16.90 | 276  | 1081487  | 37.605 | ng    | 98       |

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



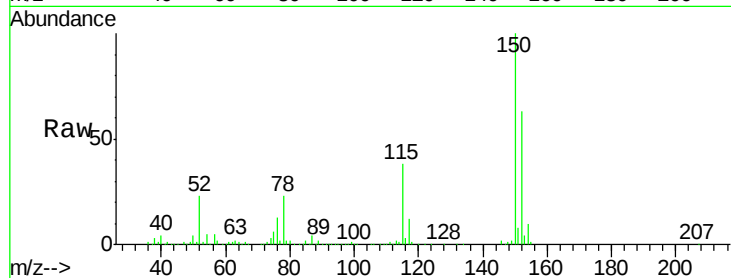


#1

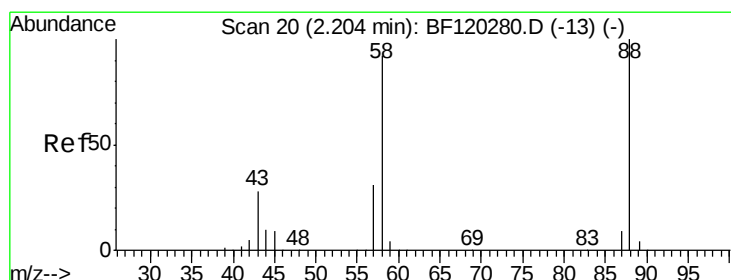
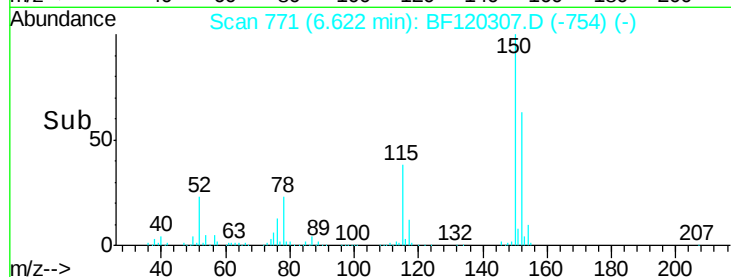
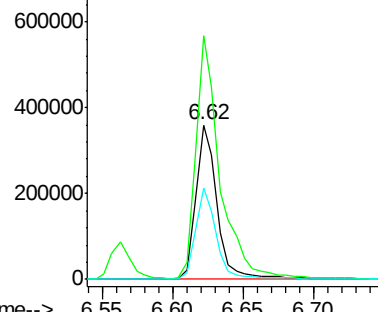
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.62 min Scan# 771  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 373604  
Ion Ratio Lower Upper  
152 100  
150 157.6 126.2 189.2  
115 59.2 47.9 71.9



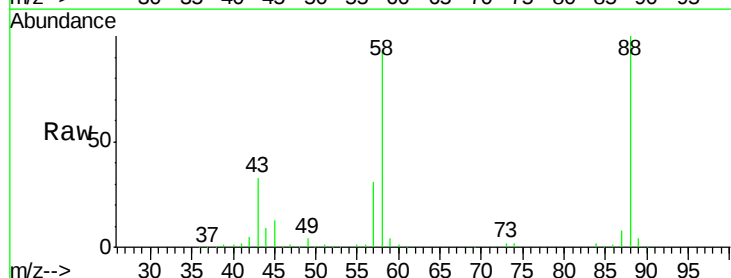
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



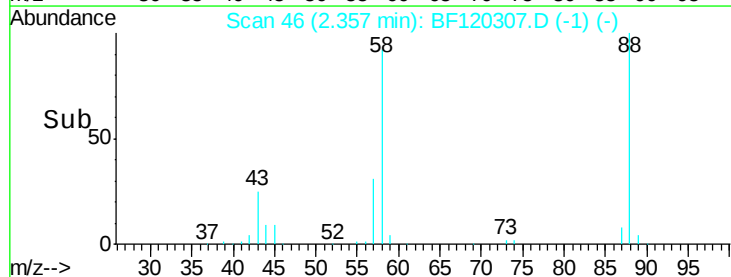
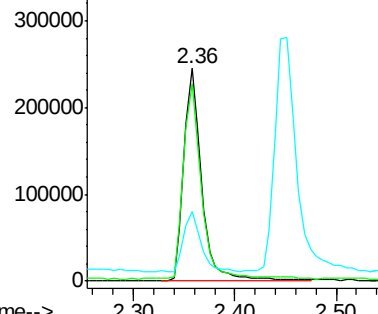
#2

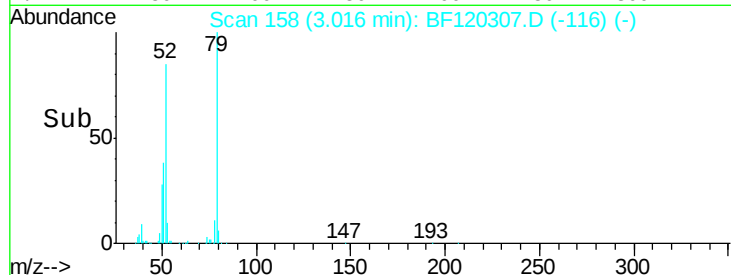
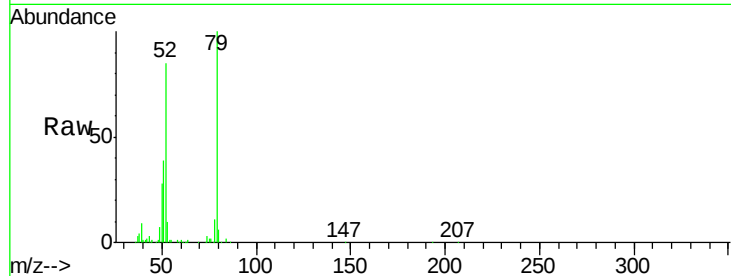
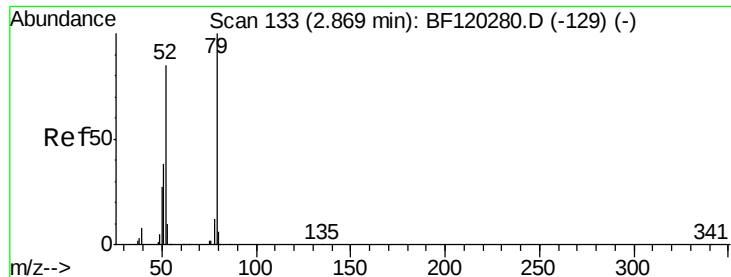
1,4-Dioxane  
Concen: 39.272 ng  
RT: 2.36 min Scan# 46  
Delta R.T. 0.15 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

Tgt Ion: 88 Resp: 299970  
Ion Ratio Lower Upper  
88 100  
58 91.1 75.8 113.6  
43 27.3 23.6 35.4



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

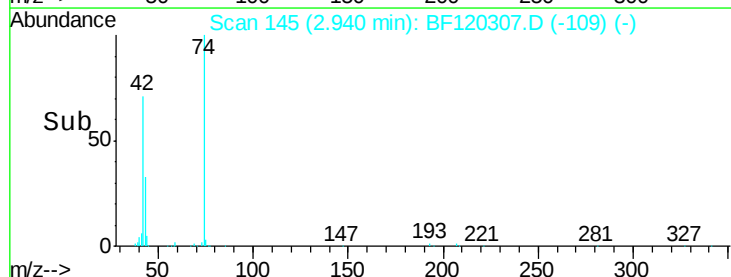
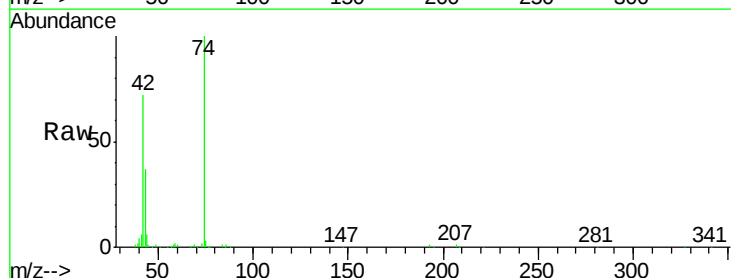
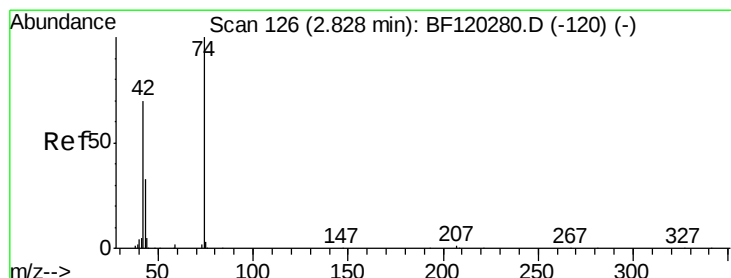
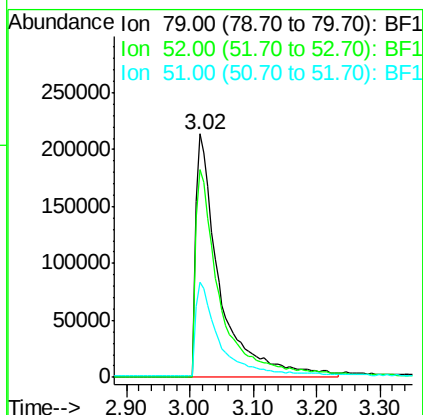




#3  
 Pvridine  
 Concen: 23.338 ng  
 RT: 3.02 min Scan# 158  
 Delta R.T. 0.15 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

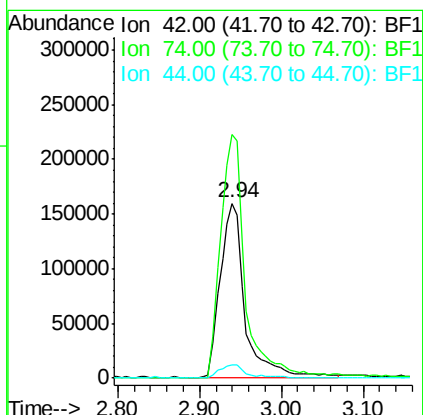
Instrument :  
 BNA\_F  
 ClientSampleId :

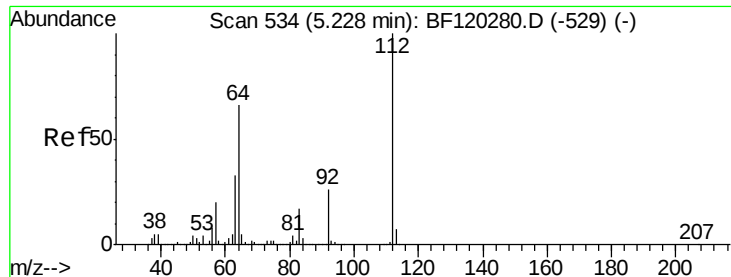
Tot Ion: 79 Resp: 560363  
 Ion Ratio Lower Upper  
 79 100  
 52 85.2 68.4 102.6  
 51 38.9 31.0 46.4



#4  
 n-Nitrosodimethylamine  
 Concen: 35.275 ng  
 RT: 2.94 min Scan# 145  
 Delta R.T. 0.11 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

Tgt Ion: 42 Resp: 331642  
 Ion Ratio Lower Upper  
 42 100  
 74 139.0 114.8 172.2  
 44 7.8 5.6 8.4





#5

2-Fluorophenol

Concen: 99.855 ng

RT: 5.25 min Scan# 537

Delta R.T. 0.02 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :  
BNA\_F  
ClientSampleId :

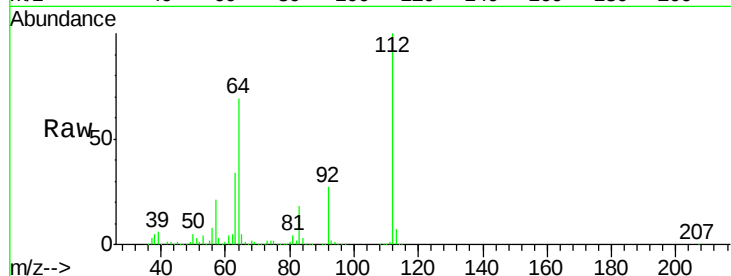
Tot Ion:112 Resp: 1917370

Ion Ratio Lower Upper

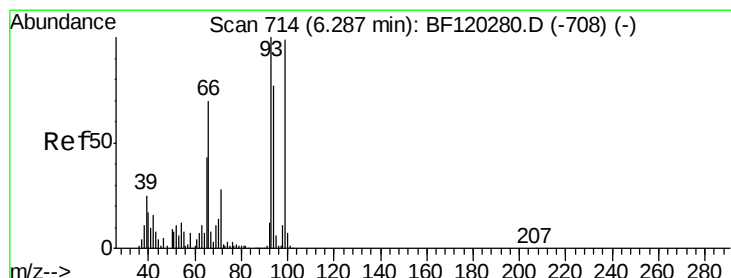
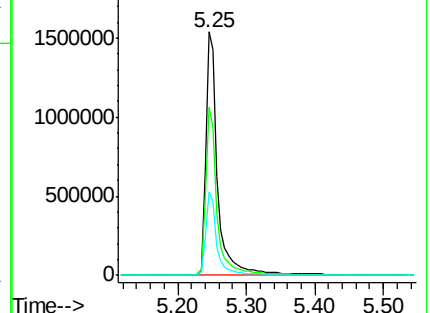
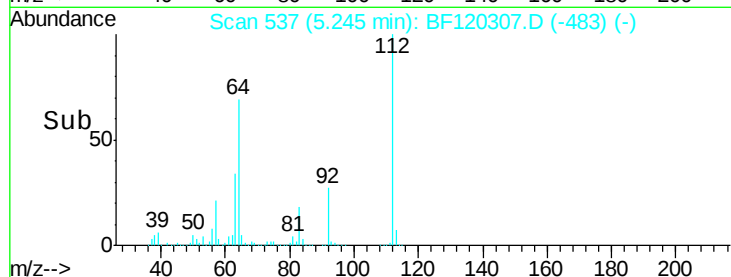
112 100

64 69.1 52.7 79.1

63 34.3 26.2 39.4



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



#6

Aniline

Concen: 17.868 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

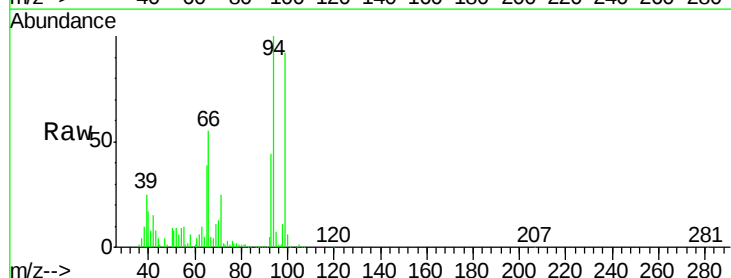
Tgt Ion: 93 Resp: 554871

Ion Ratio Lower Upper

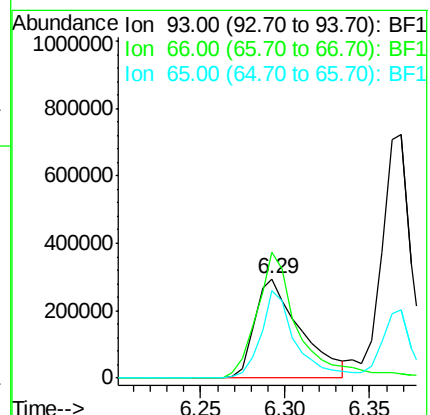
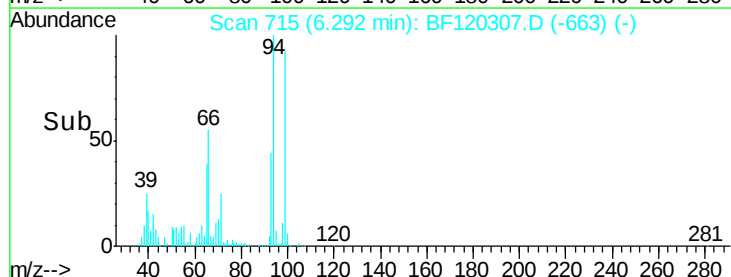
93 100

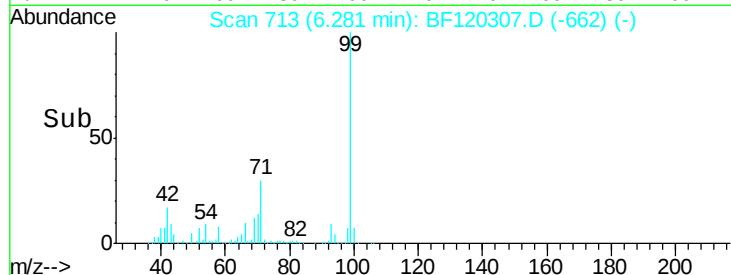
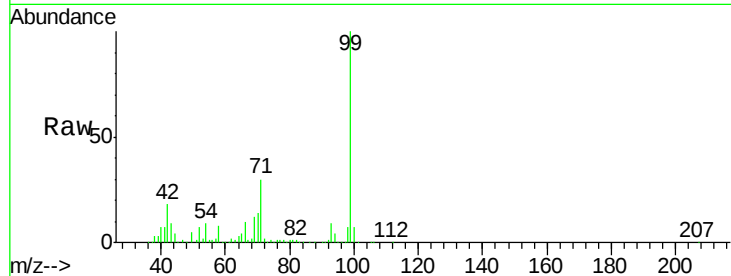
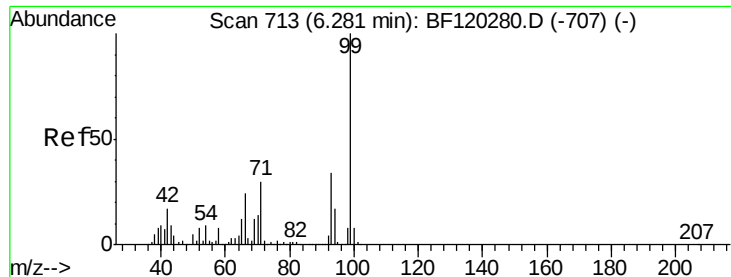
66 126.4 56.2 84.4#

65 88.1 34.2 51.2#



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 88.119 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampleId :

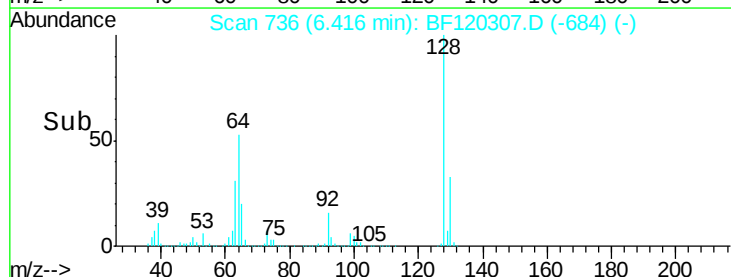
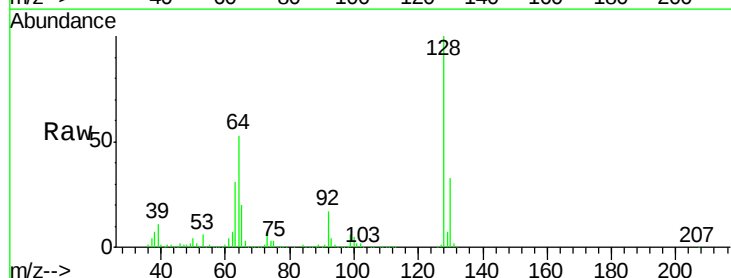
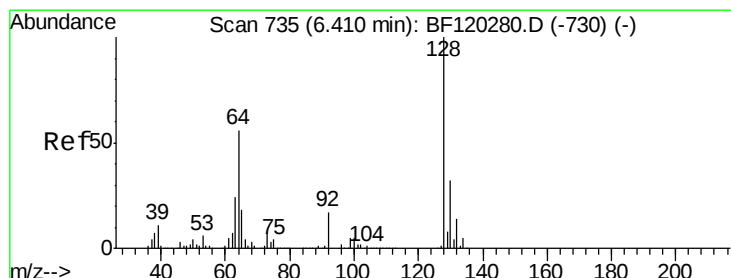
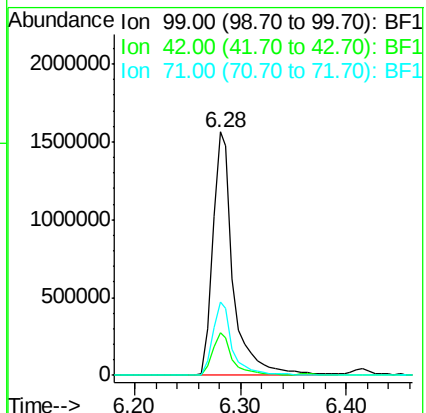
Tot Ion: 99 Resp: 2139706

Ion Ratio Lower Upper

99 100

42 17.5 13.6 20.4

71 30.3 24.2 36.4



#8

2-Chlorophenol

Concen: 37.832 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

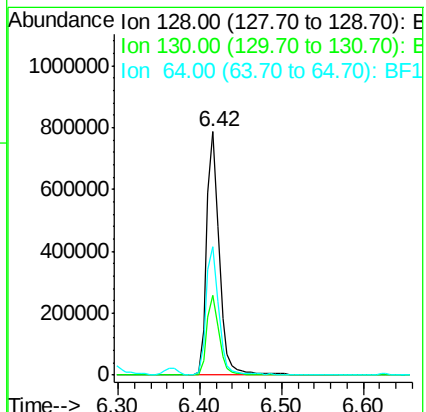
Tgt Ion: 128 Resp: 847004

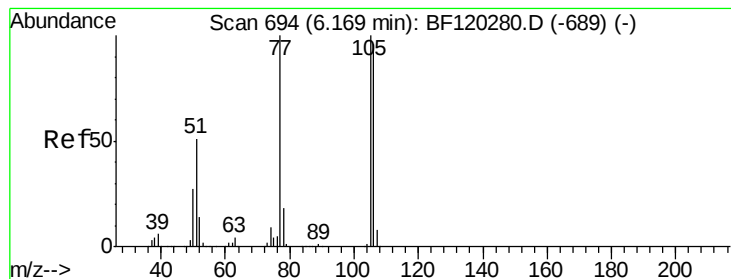
Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

64 53.0 36.7 76.7





#9

Benzaldehyde

Concen: 27.019 ng

RT: 6.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampleId :

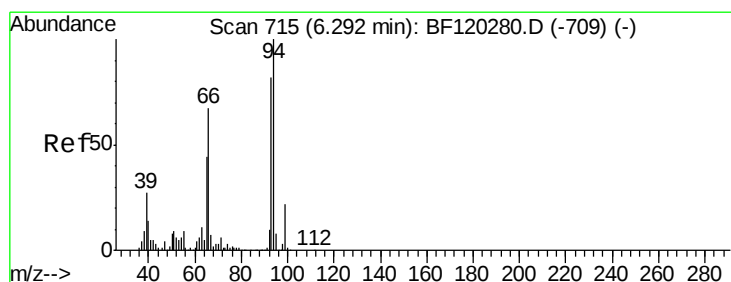
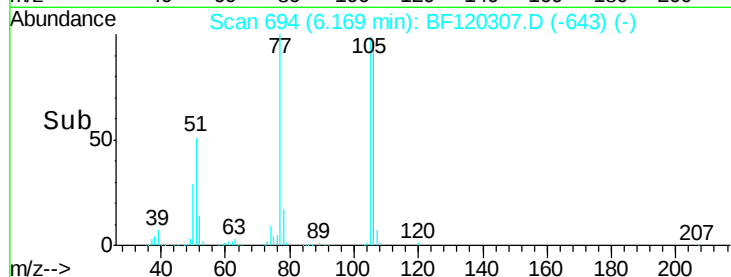
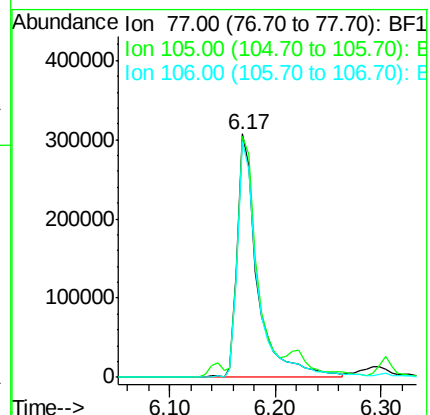
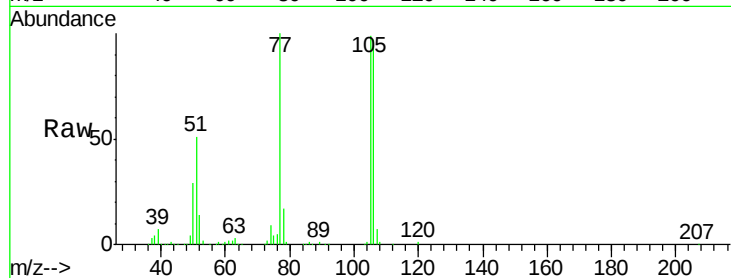
Tot Ion: 77 Resp: 404440

Ion Ratio Lower Upper

77 100

105 98.8 79.9 119.9

106 96.9 75.7 115.7



#10

Phenol

Concen: 30.316 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

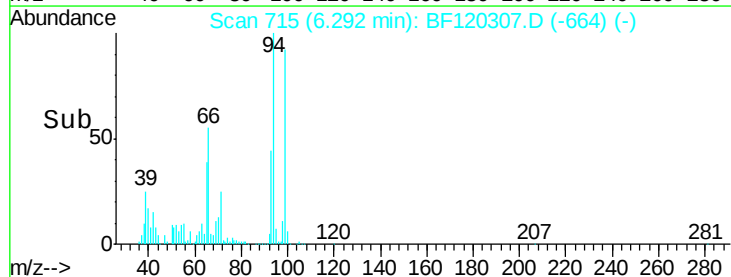
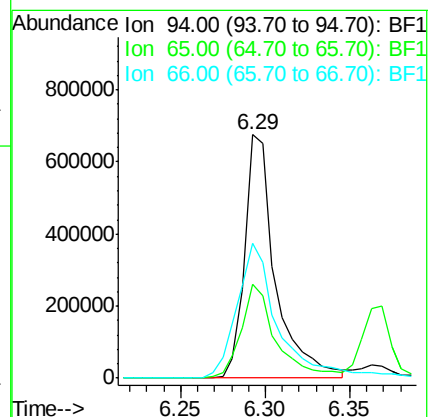
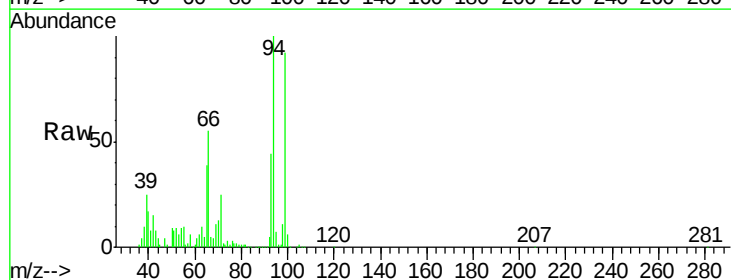
Tgt Ion: 94 Resp: 859315

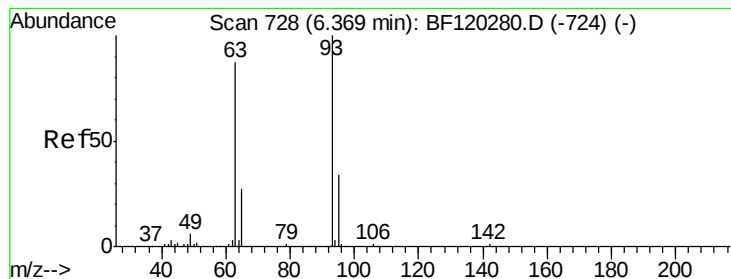
Ion Ratio Lower Upper

94 100

65 38.5 24.1 64.1

66 55.3 47.5 87.5





#11

bis(2-Chloroethyl)ether

Concen: 36.496 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampled :

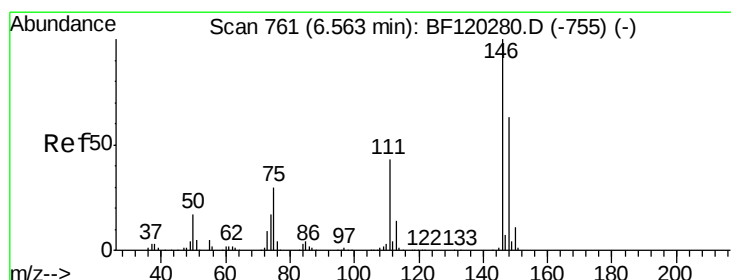
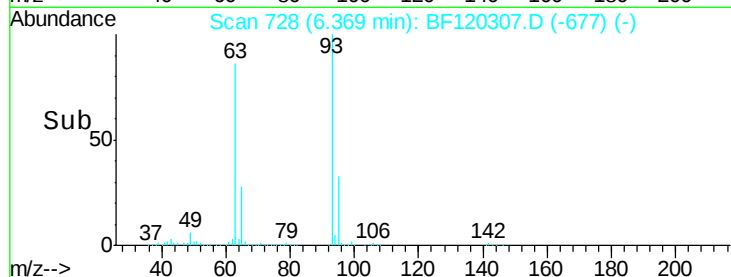
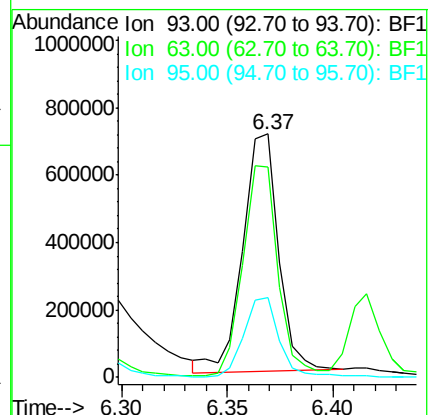
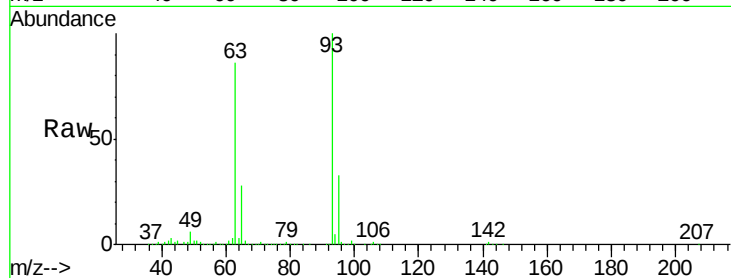
Tot Ion: 93 Resp: 826356

Ion Ratio Lower Upper

93 100

63 86.1 65.4 105.4

95 32.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 34.505 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

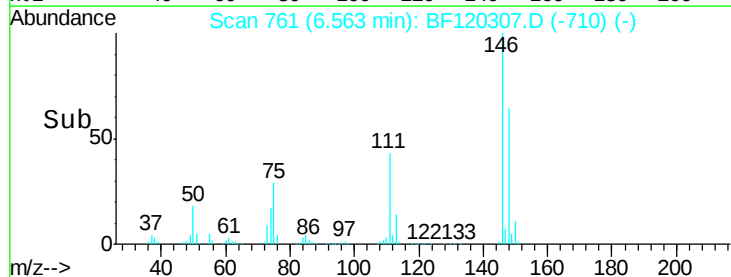
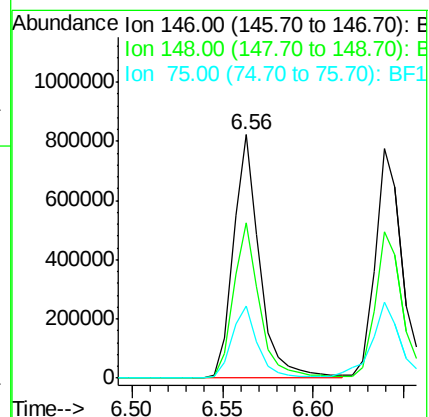
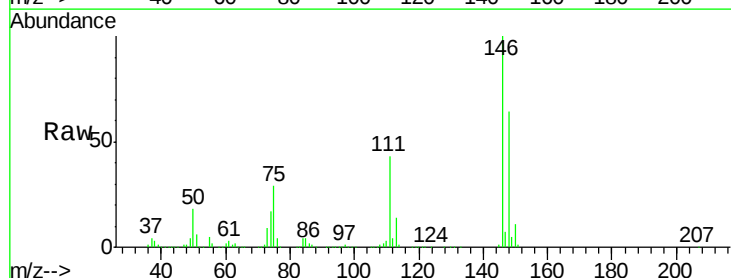
Tgt Ion: 146 Resp: 826619

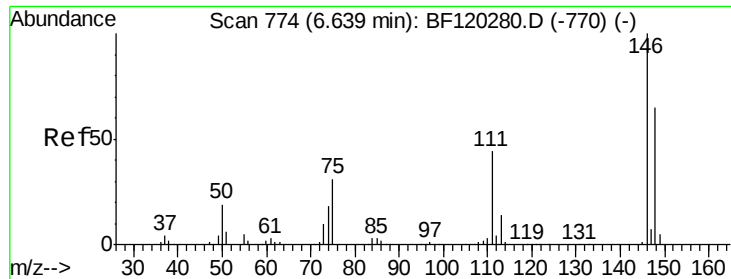
Ion Ratio Lower Upper

146 100

148 63.9 50.5 75.7

75 29.5 24.2 36.4

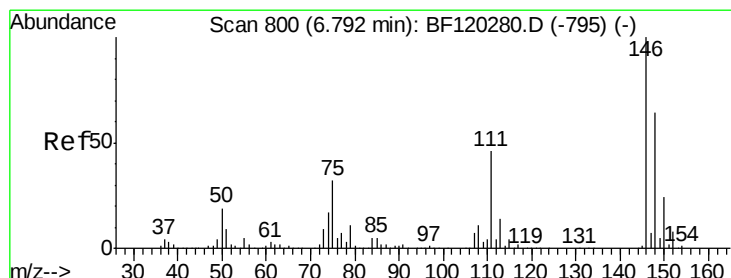
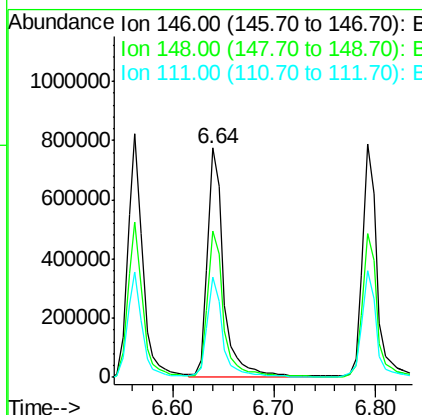
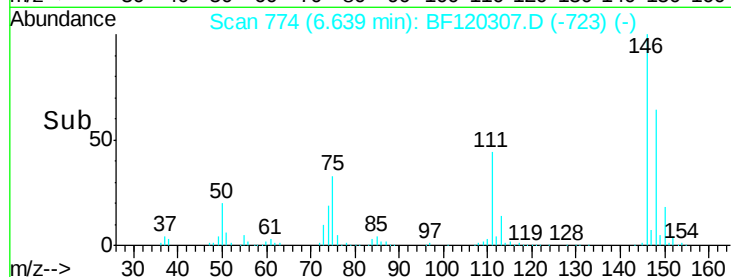
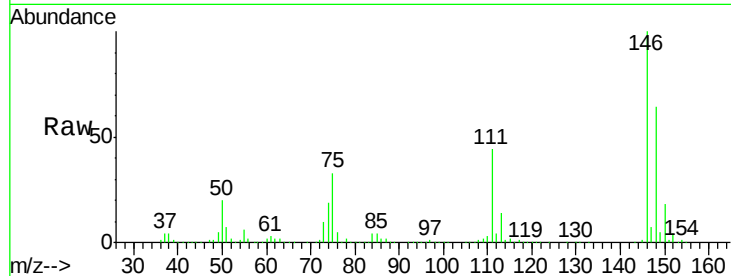




#13  
 1,4-Dichlorobenzene  
 Concen: 35.042 ng  
 RT: 6.64 min Scan# 774  
 Delta R.T. -0.00 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

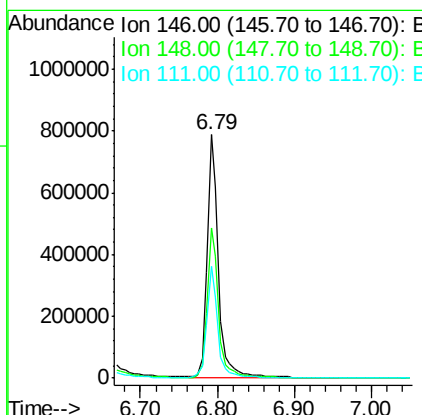
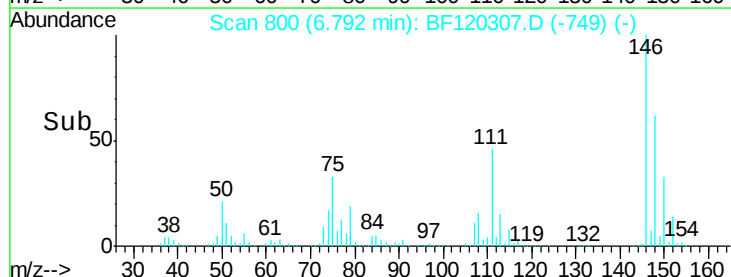
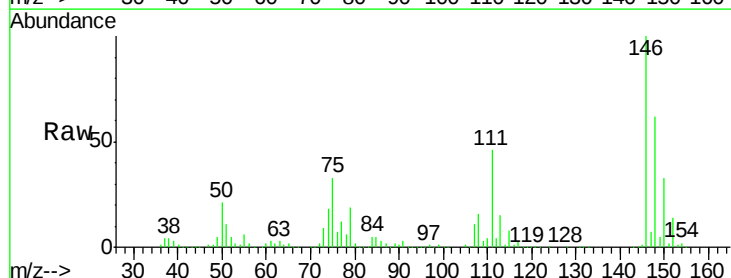
Instrument :  
 BNA\_F  
 ClientSampleId :

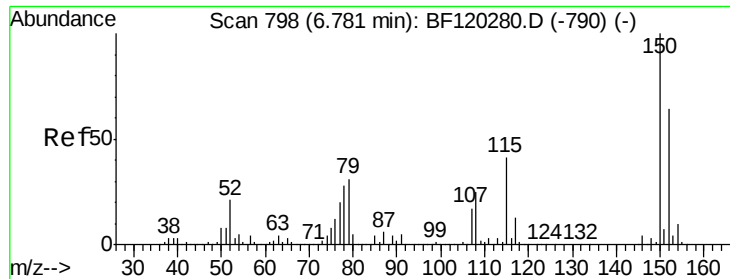
Tot Ion:146 Resp: 864625  
 Ion Ratio Lower Upper  
 146 100  
 148 63.8 51.6 77.4  
 111 43.9 35.1 52.7



#14  
 1,2-Dichlorobenzene  
 Concen: 35.622 ng  
 RT: 6.79 min Scan# 800  
 Delta R.T. -0.00 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

Tgt Ion:146 Resp: 791495  
 Ion Ratio Lower Upper  
 146 100  
 148 61.5 51.1 76.7  
 111 45.8 36.6 55.0





#15

Benzyl Alcohol

Concen: 38.194 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampleId :

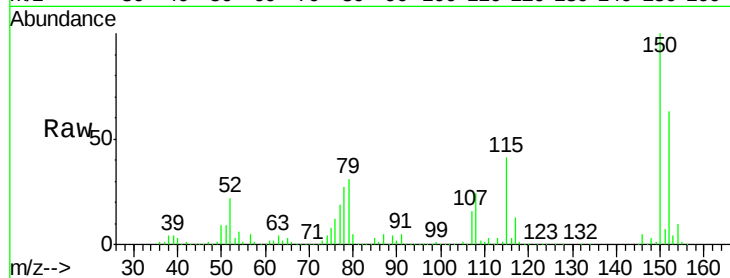
Tot Ion: 79 Resp: 658875

Ion Ratio Lower Upper

79 100

108 78.3 64.2 96.4

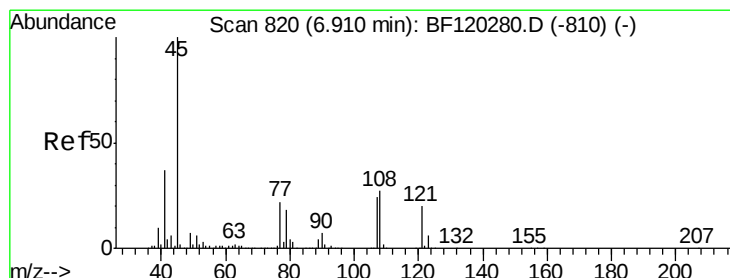
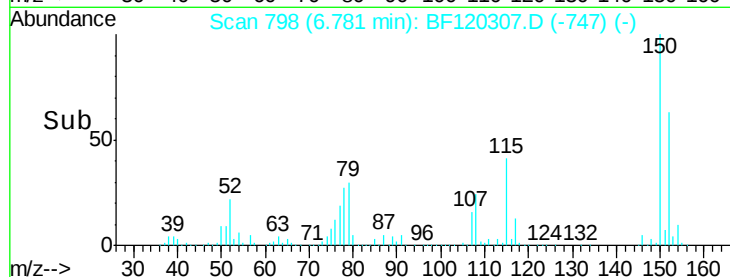
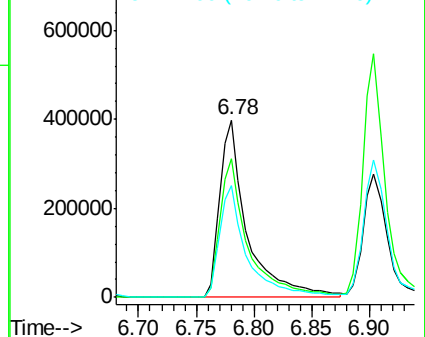
77 62.8 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.251 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

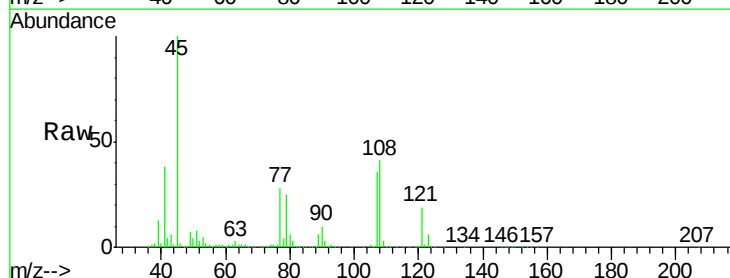
Tgt Ion: 45 Resp: 1293528

Ion Ratio Lower Upper

45 100

77 27.9 3.1 43.1

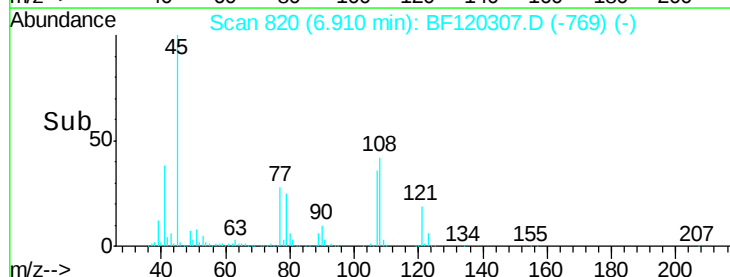
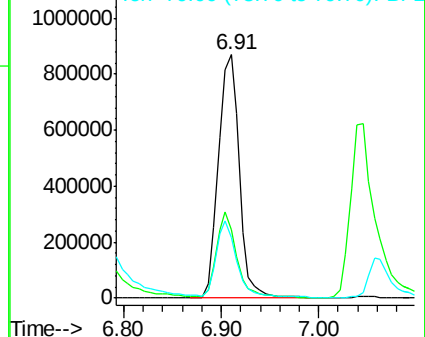
79 24.8 0.0 40.0

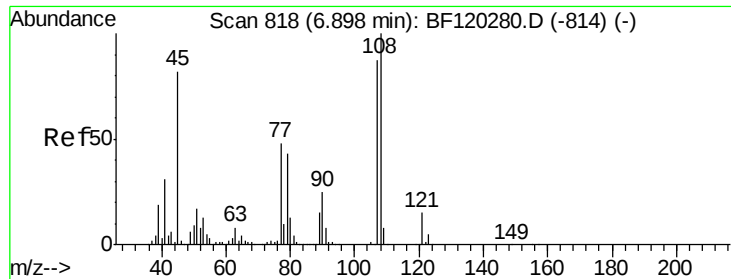


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 34.050 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampled :

Tot Ion:107 Resp: 643544

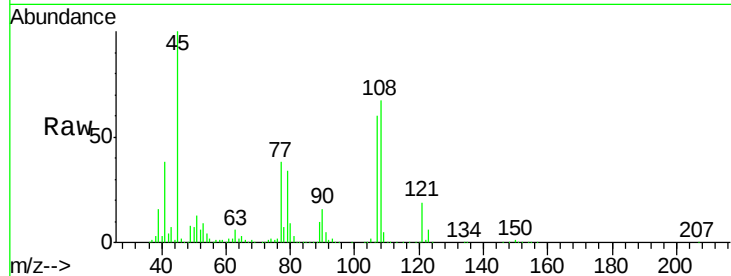
Ion Ratio Lower Upper

107 100

108 112.5 92.4 138.6

77 63.4 44.5 66.7

79 57.1 40.4 60.6

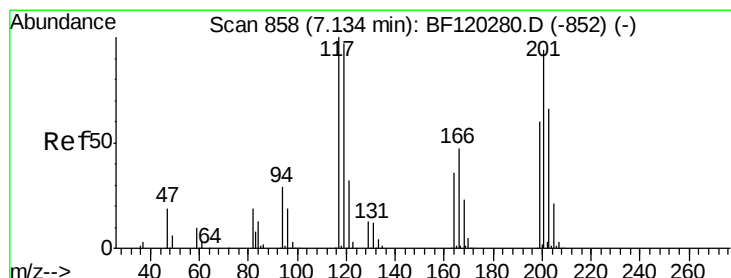
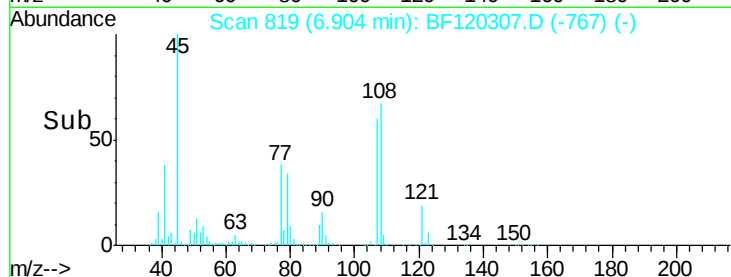
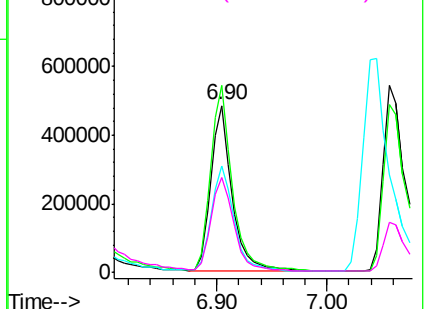


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.741 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

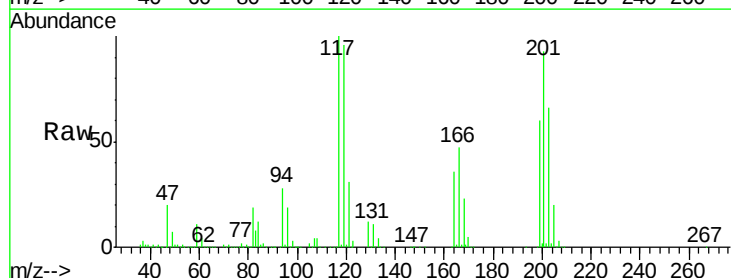
Tgt Ion:117 Resp: 307755

Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.0

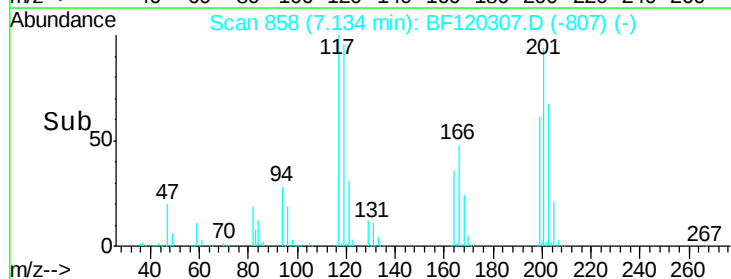
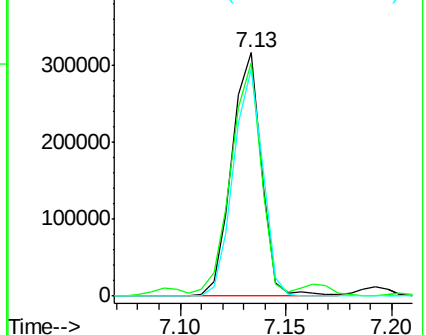
201 93.5 74.9 112.3

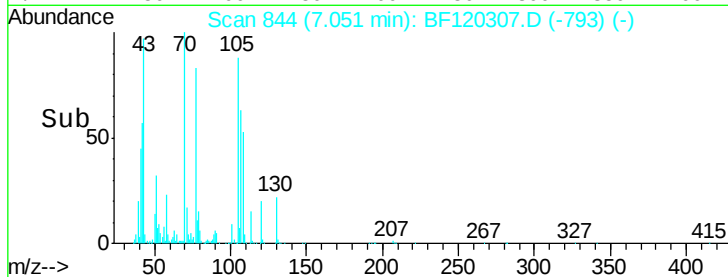
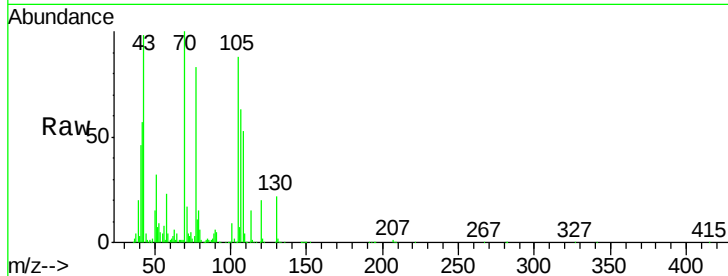
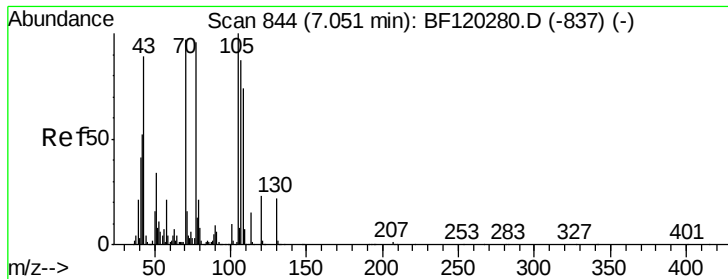


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

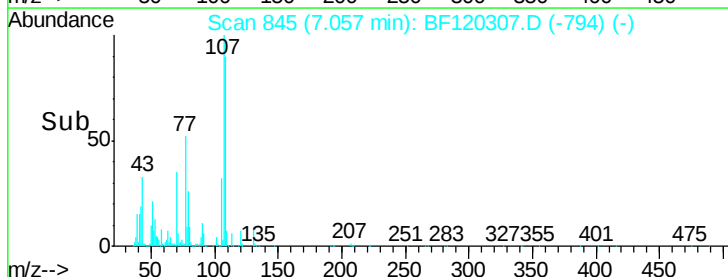
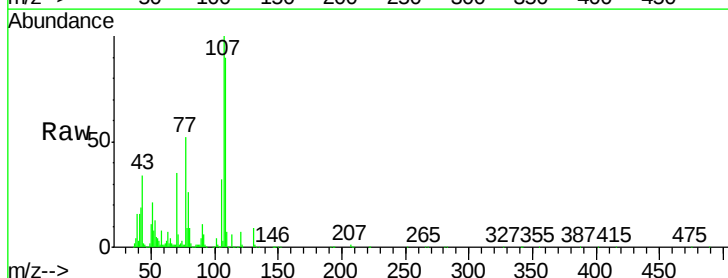
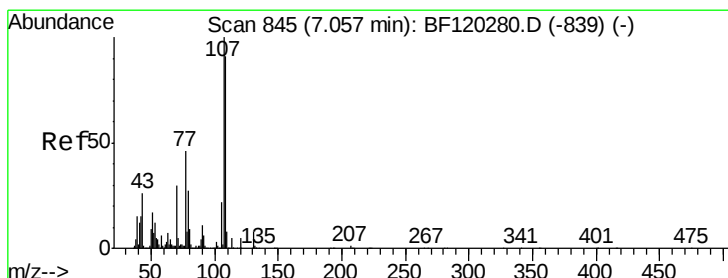
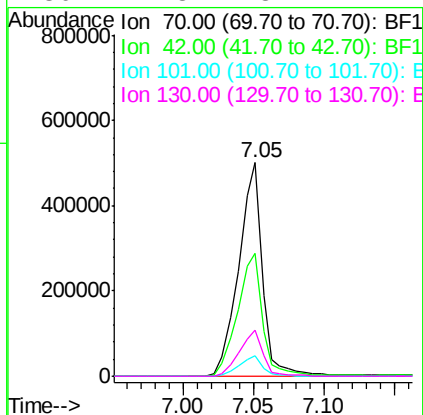




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.053 ng  
RT: 7.05 min Scan# 844  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

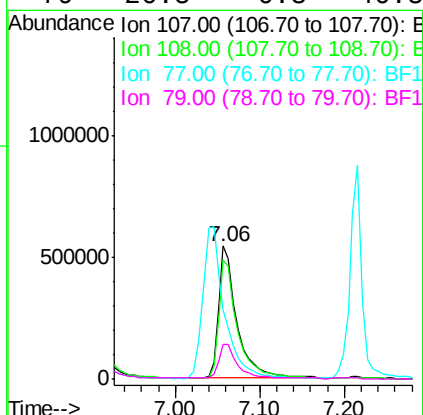
Instrument :  
BNA\_F  
ClientSampleId :

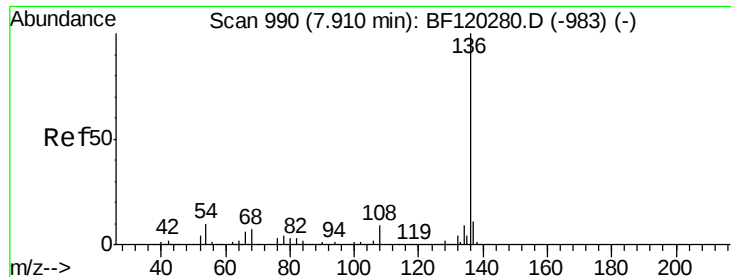
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 589434 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 57.3  | 43.4  | 65.0   |
| 101      | 9.4   | 7.8   | 11.8   |
| 130      | 21.8  | 18.2  | 27.4   |



#20  
3+4-Methylphenols  
Concen: 34.013 ng  
RT: 7.06 min Scan# 845  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 835791 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.8  | 71.1  | 111.1  |
| 77       | 52.4  | 28.1  | 68.1   |
| 79       | 26.5  | 6.8   | 46.8   |

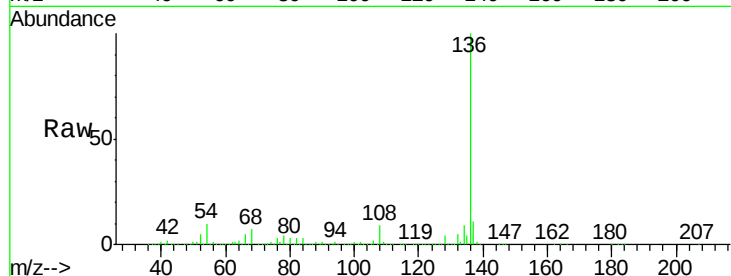




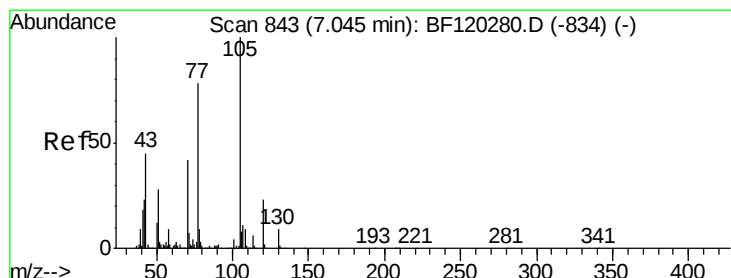
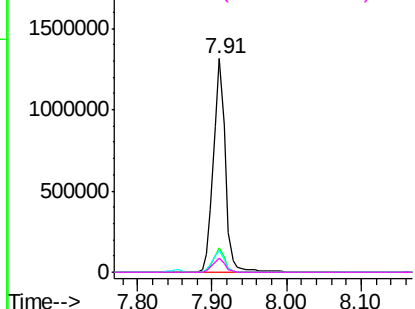
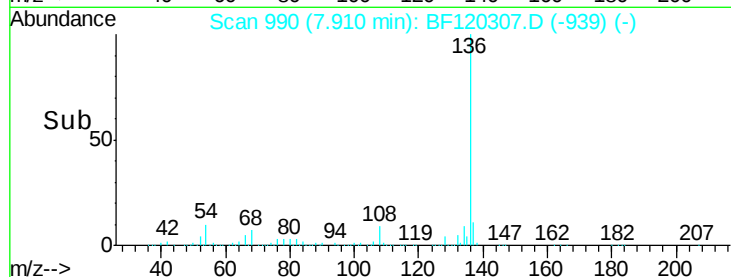
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.91 min Scan# 990  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

Instrument :  
BNA\_F  
ClientSampleId :

|             |               |
|-------------|---------------|
| Tot Ion:136 | Resp: 1455602 |
| Ion Ratio   | Lower Upper   |
| 136 100     |               |
| 137 11.5    | 9.1 13.7      |
| 54 10.5     | 7.9 11.9      |
| 68 6.6      | 5.4 8.2       |

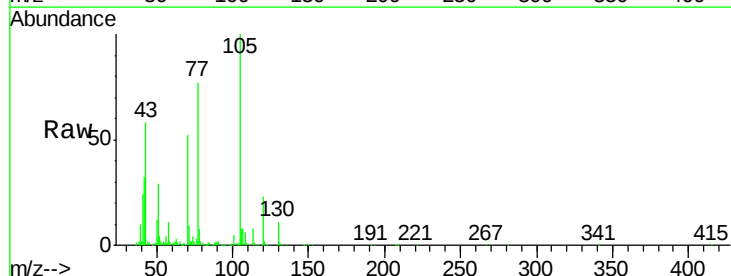


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

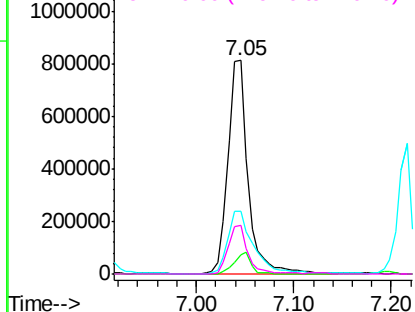
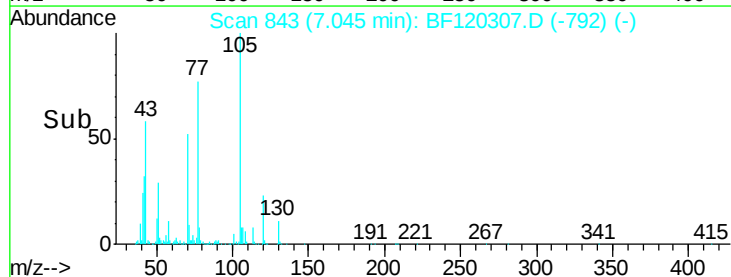


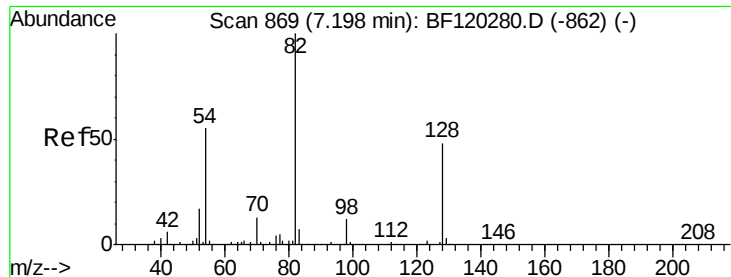
#22  
Acetophenone  
Concen: 39.191 ng  
RT: 7.05 min Scan# 843  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:105 | Resp: | 1168668 |
| Ion | Ratio   | Lower | Upper   |
| 105 | 100     |       |         |
| 71  | 8.9     | 5.6   | 8.4#    |
| 51  | 29.4    | 22.6  | 34.0    |
| 120 | 22.6    | 18.7  | 28.1    |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E

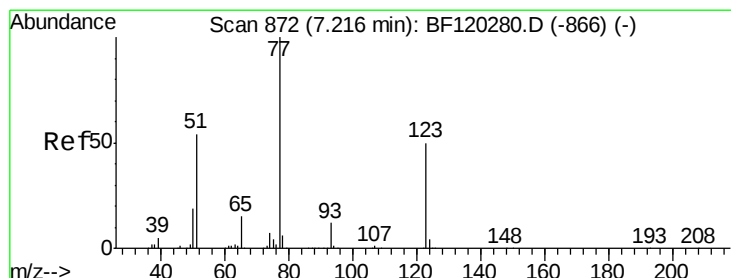
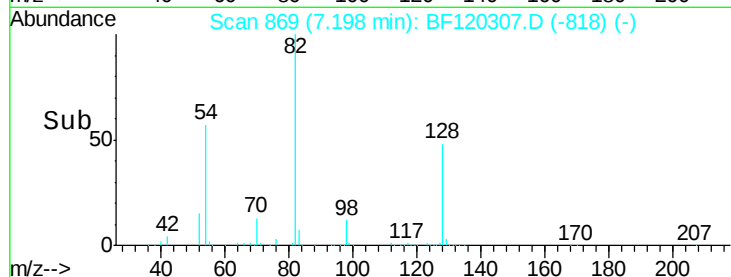
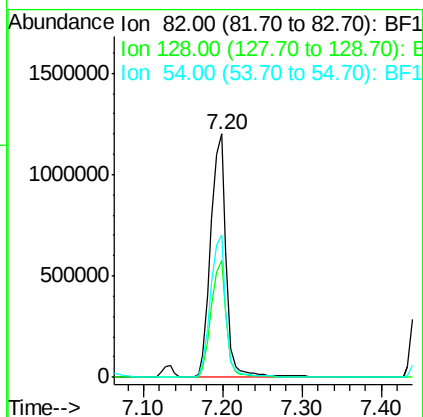
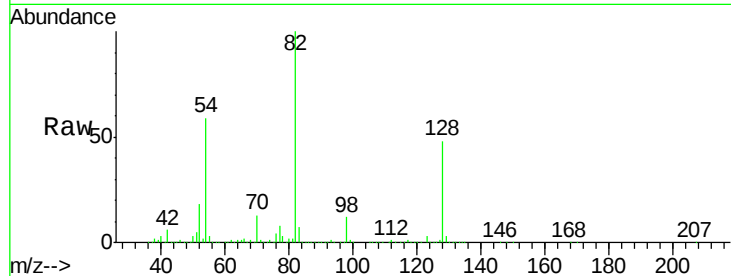




#23  
 Nitrobenzene-d5  
 Concen: 77.190 ng  
 RT: 7.20 min Scan# 869  
 Delta R.T. -0.00 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

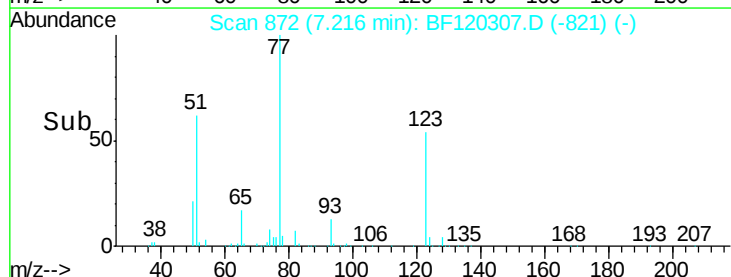
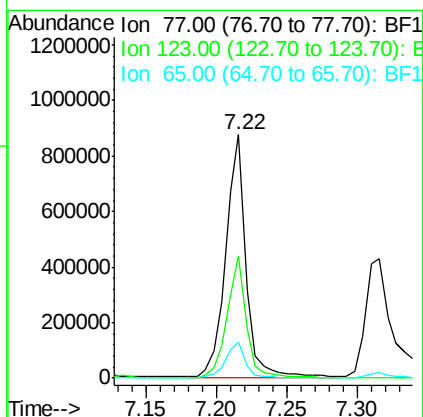
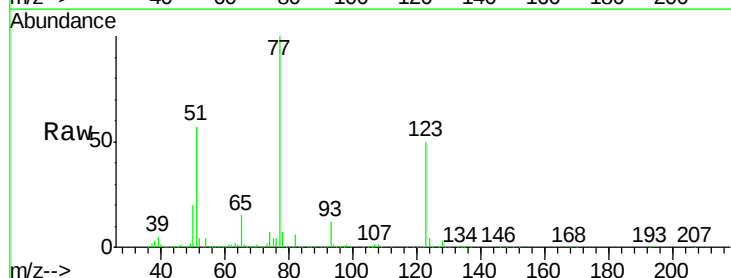
Instrument :  
 BNA\_F  
 ClientSampleId :

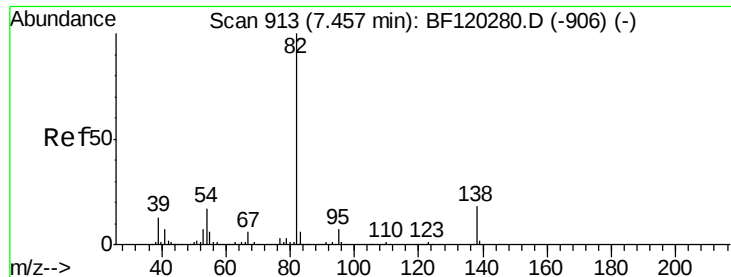
Tot Ion: 82 Resp: 1641072  
 Ion Ratio Lower Upper  
 82 100  
 128 47.8 38.3 57.5  
 54 58.6 43.9 65.9



#24  
 Nitrobenzene  
 Concen: 38.309 ng  
 RT: 7.22 min Scan# 872  
 Delta R.T. -0.00 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

Tgt Ion: 77 Resp: 876517  
 Ion Ratio Lower Upper  
 77 100  
 123 49.9 40.0 60.0  
 65 14.9 11.7 17.5





#25

Isophorone

Concen: 37.236 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampleId :

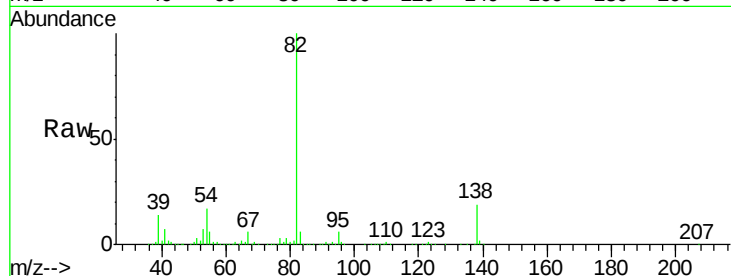
Tot Ion: 82 Resp: 1647171

Ion Ratio Lower Upper

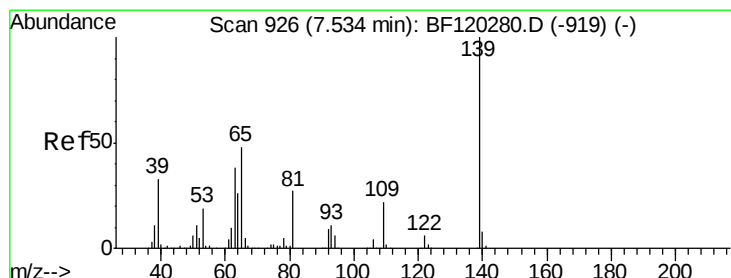
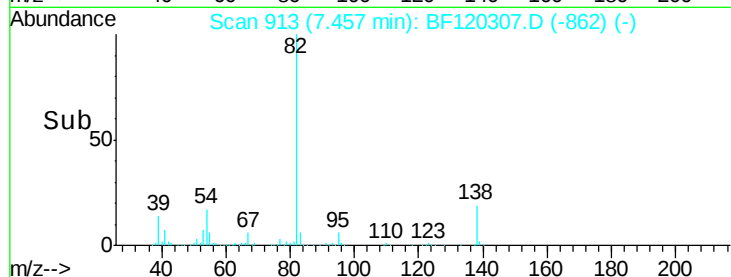
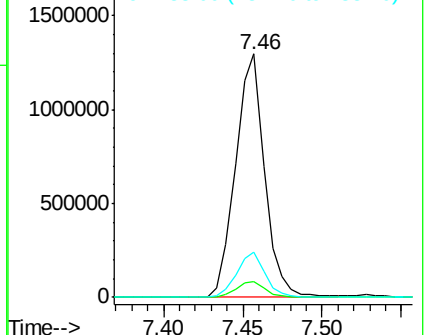
82 100

95 6.4 5.4 8.0

138 18.8 14.7 22.1



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: 38.855 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

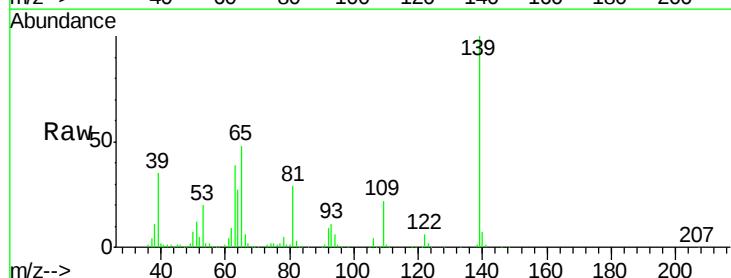
Tgt Ion: 139 Resp: 464958

Ion Ratio Lower Upper

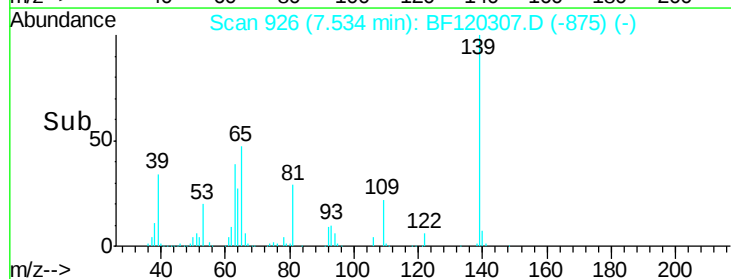
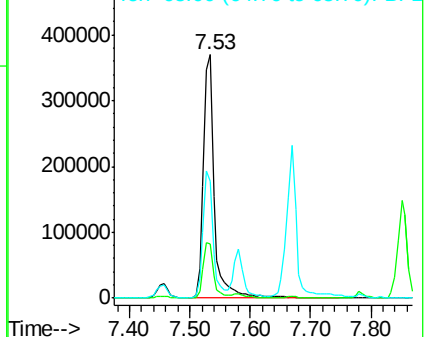
139 100

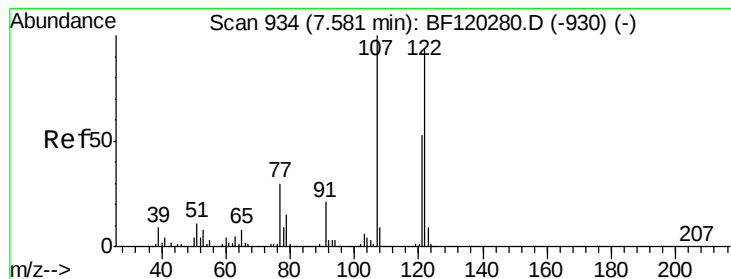
109 22.5 17.7 26.5

65 48.2 38.3 57.5



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: 41.600 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampled :

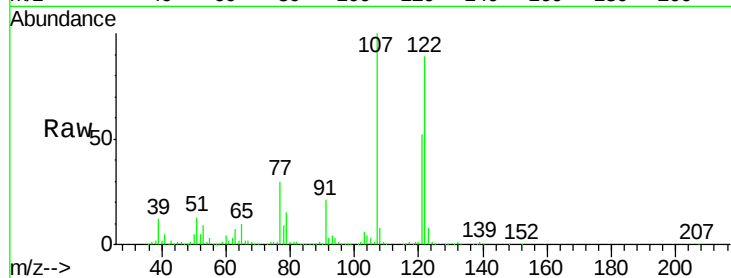
Tot Ion:122 Resp: 724137

Ion Ratio Lower Upper

122 100

107 112.5 85.0 127.6

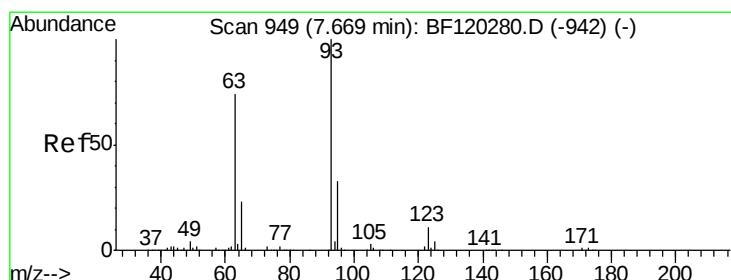
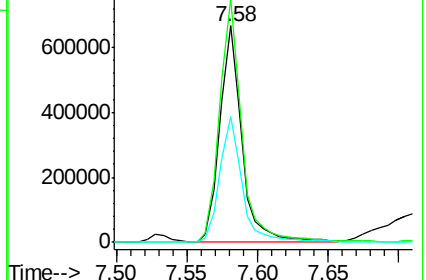
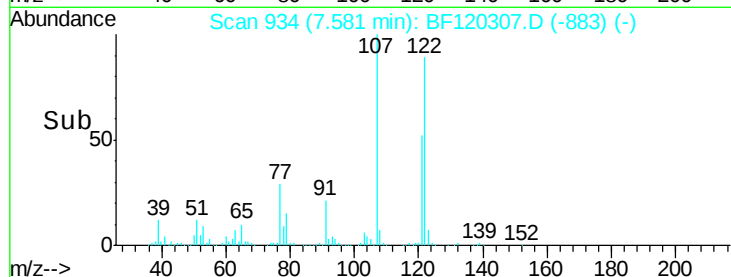
121 58.4 45.1 67.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.430 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

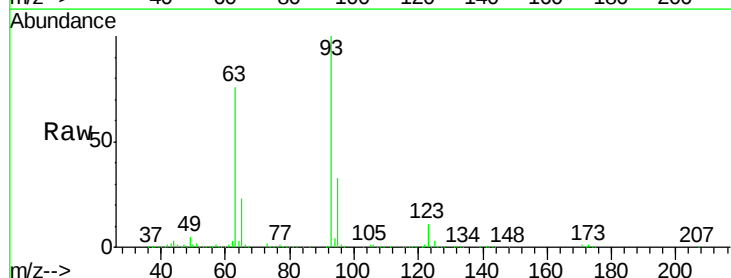
Tgt Ion: 93 Resp: 1068502

Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

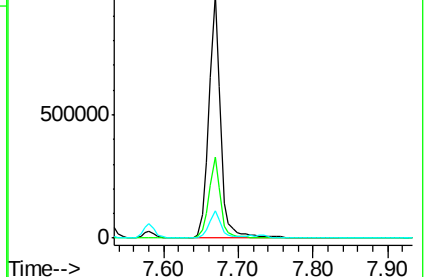
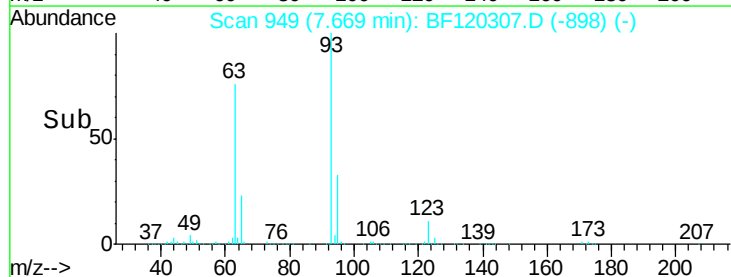
123 11.1 9.2 13.8

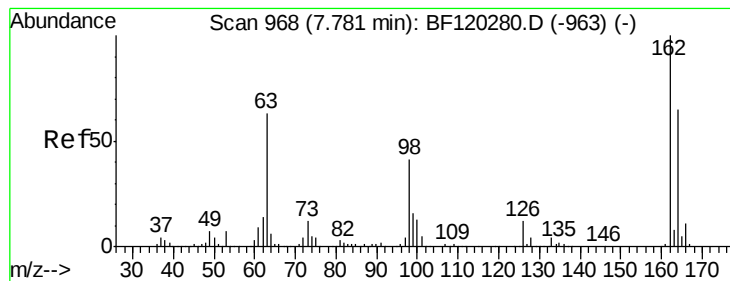


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

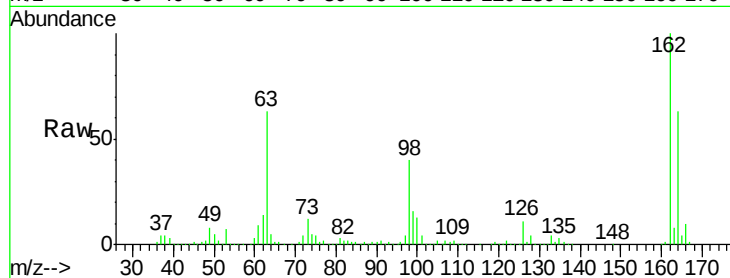




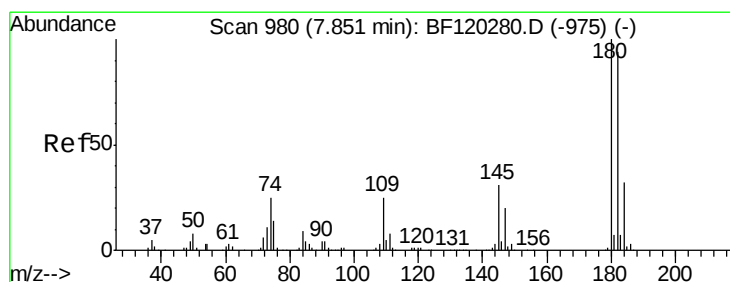
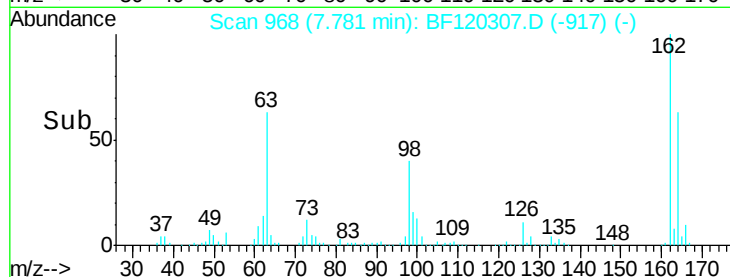
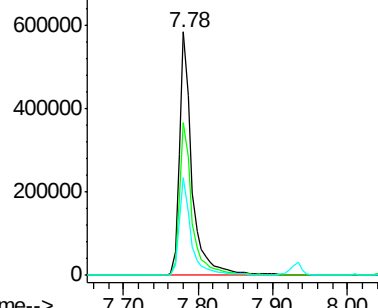
#29  
 2,4-Dichlorophenol  
 Concen: 38.312 ng  
 RT: 7.78 min Scan# 968  
 Delta R.T. -0.00 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.0  | 44.9  | 84.9  |
| 98      | 39.9  | 20.7  | 60.7  |

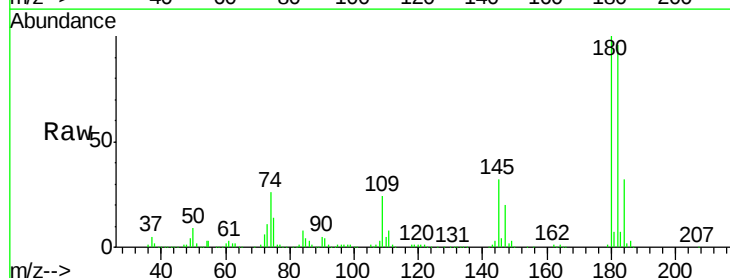


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

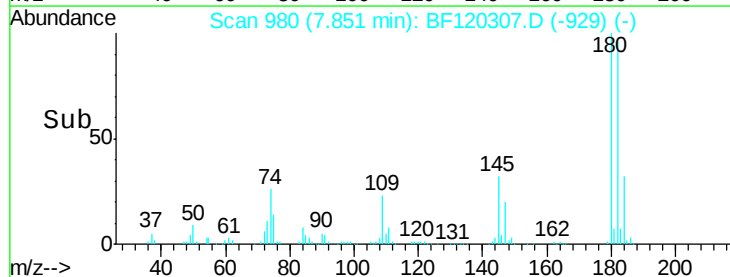
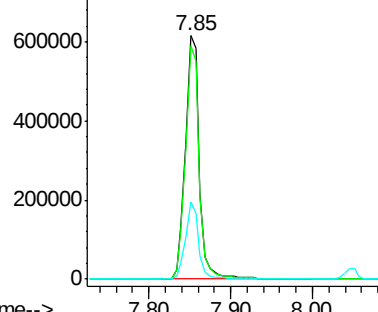


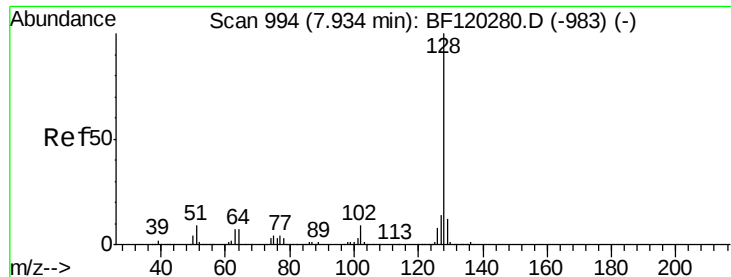
#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.076 ng  
 RT: 7.85 min Scan# 980  
 Delta R.T. -0.00 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.8  | 75.3  | 112.9 |
| 145     | 31.5  | 24.9  | 37.3  |



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

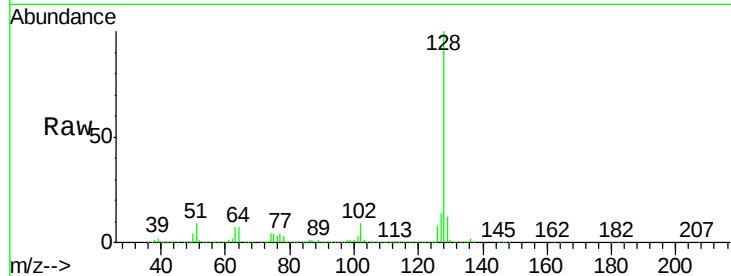




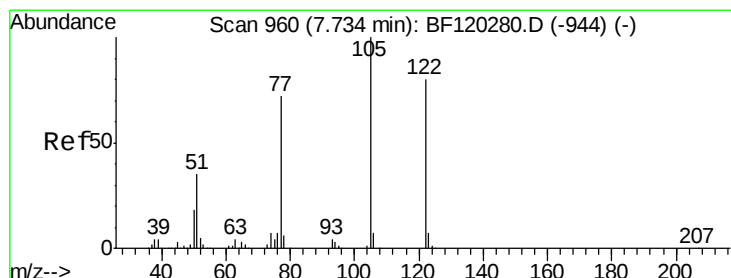
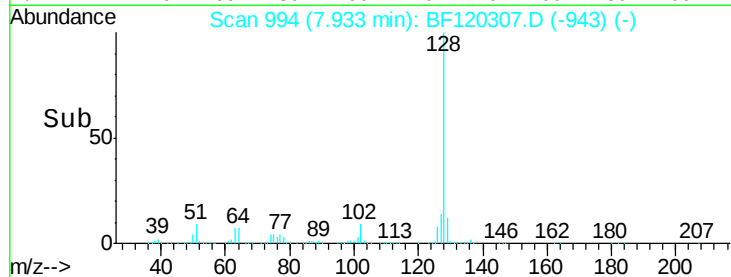
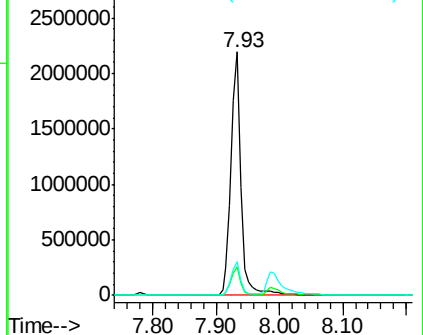
#31  
Naphthalene  
Concen: 39.272 ng  
RT: 7.93 min Scan# 994  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:128 Resp: 2412576  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.3 13.9  
127 14.0 11.2 16.8

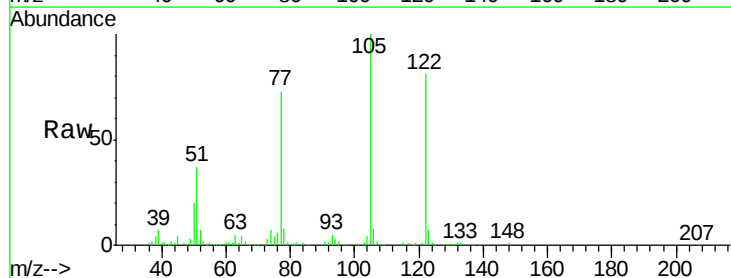


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

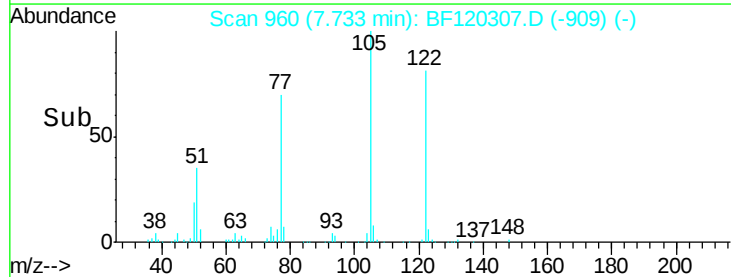
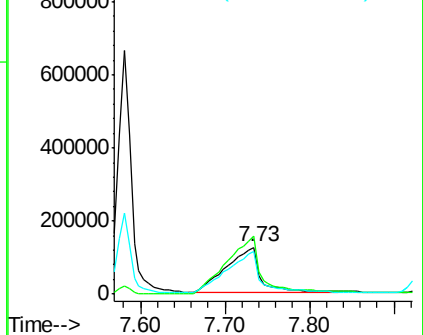


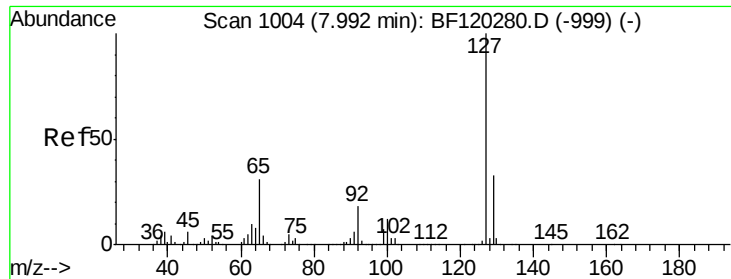
#32  
Benzoic acid  
Concen: 31.338 ng  
RT: 7.73 min Scan# 960  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

Tgt Ion:122 Resp: 357567  
Ion Ratio Lower Upper  
122 100  
105 124.0 98.1 138.1  
77 90.9 66.7 106.7



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

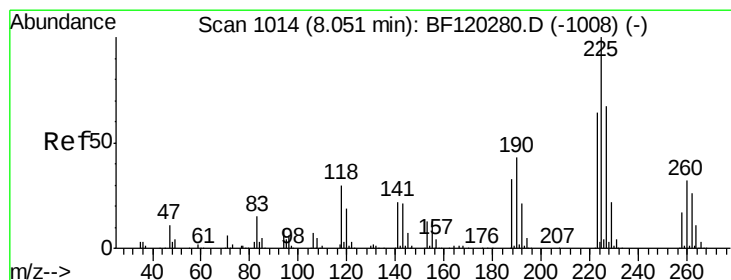
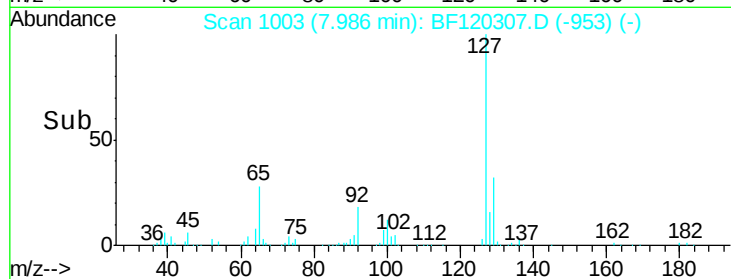
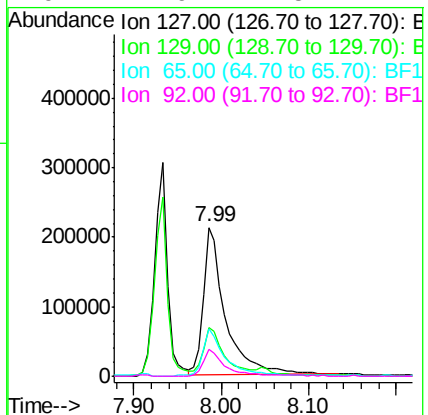
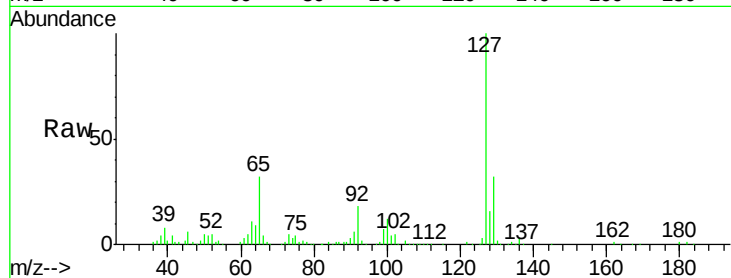




#33  
4-Chloroaniline  
Concen: 13.310 ng  
RT: 7.99 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

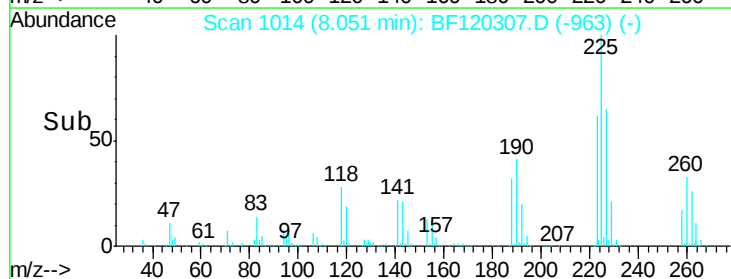
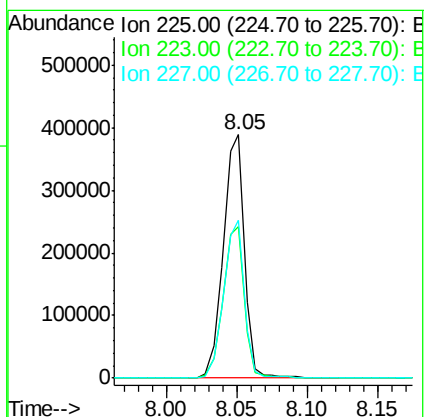
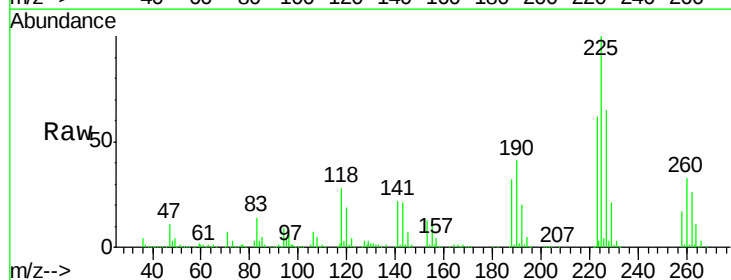
Instrument :  
BNA\_F  
ClientSampleId :

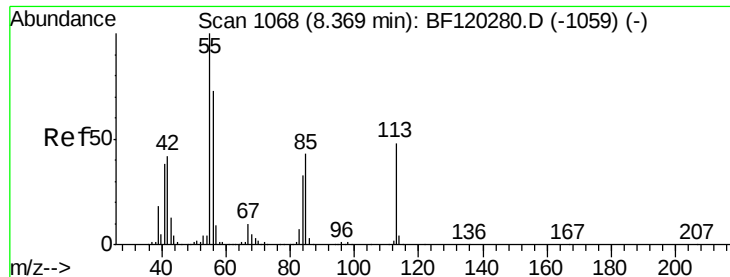
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 372621 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 26.4  | 39.6   |
| 65       | 32.2  | 24.8  | 37.2   |
| 92       | 17.9  | 14.5  | 21.7   |



#34  
Hexachlorobutadiene  
Concen: 35.336 ng  
RT: 8.05 min Scan# 1014  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 404630 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.3  | 51.4  | 77.0   |
| 227      | 64.6  | 54.0  | 81.0   |





#35

Caprolactam

Concen: 16.770 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampleId :

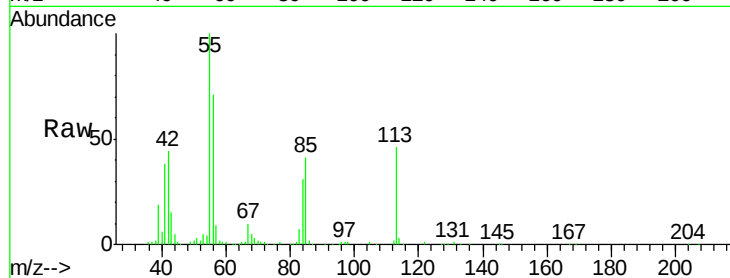
Tot Ion:113 Resp: 98087

Ion Ratio Lower Upper

113 100

55 217.3 190.4 230.4

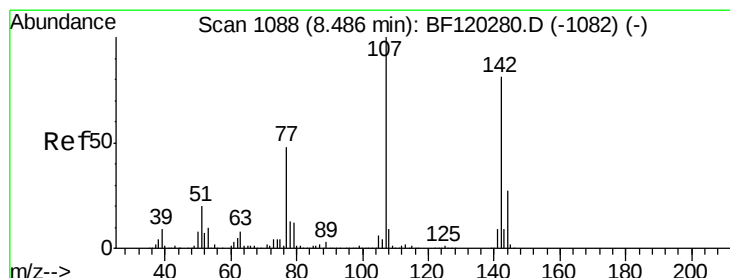
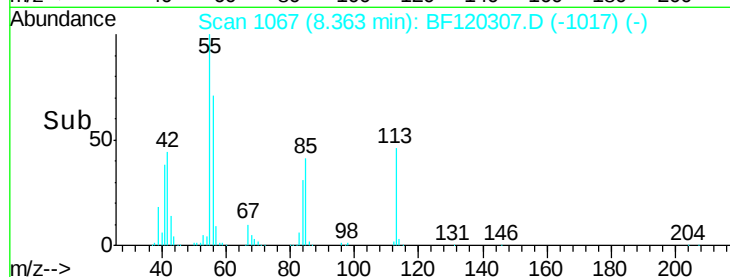
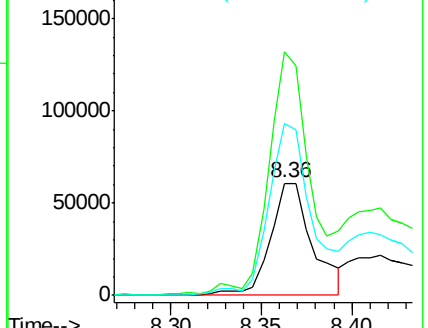
56 153.4 132.7 172.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.158 ng

RT: 8.49 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

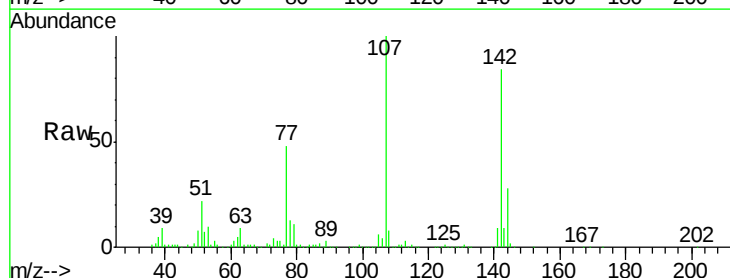
Tgt Ion:107 Resp: 718634

Ion Ratio Lower Upper

107 100

144 27.6 21.4 32.2

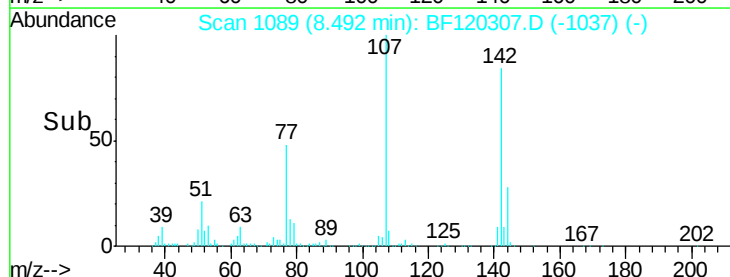
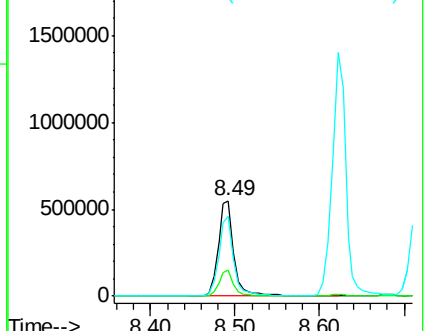
142 83.9 65.1 97.7

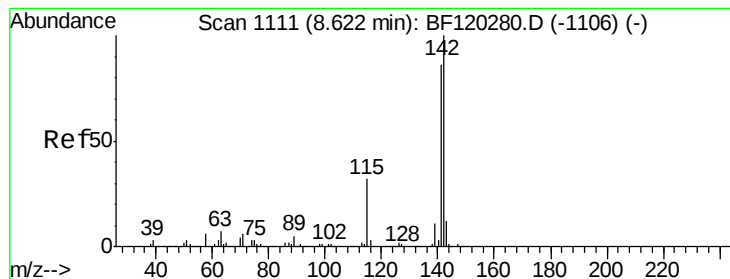


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.213 ng

RT: 8.62 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampleId :

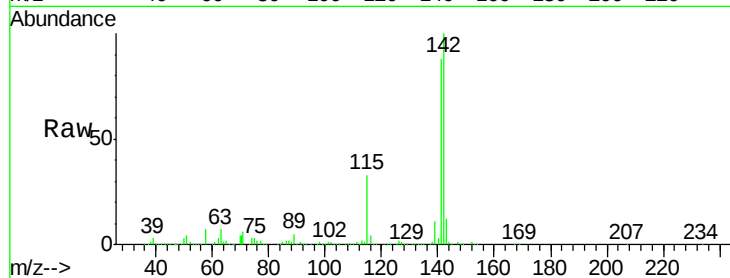
Tot Ion:142 Resp: 1564432

Ion Ratio Lower Upper

142 100

141 88.0 68.8 103.2

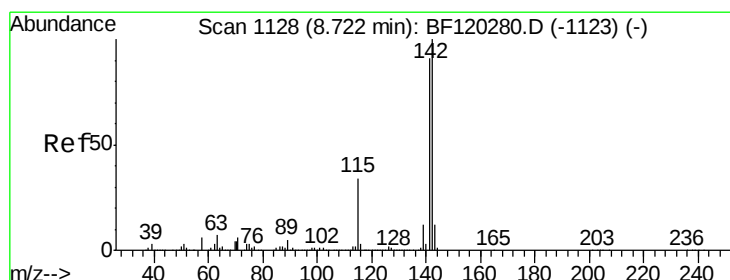
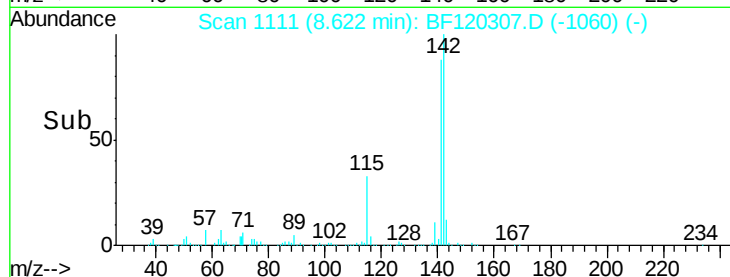
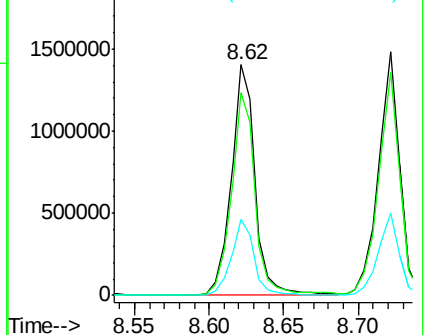
115 32.8 25.7 38.5



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: 36.658 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

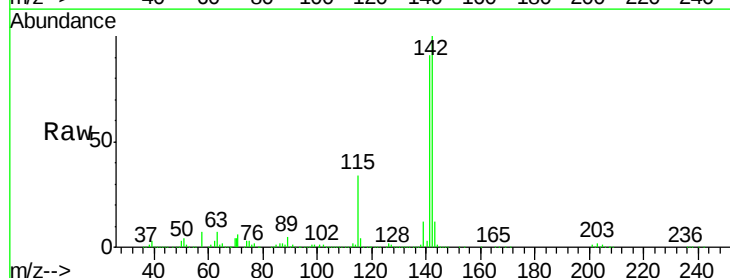
Tgt Ion:142 Resp: 1494703

Ion Ratio Lower Upper

142 100

141 91.4 73.0 109.6

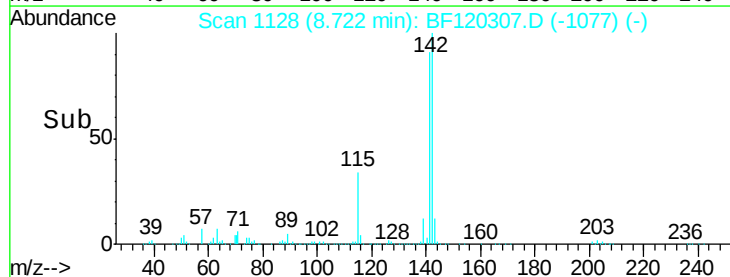
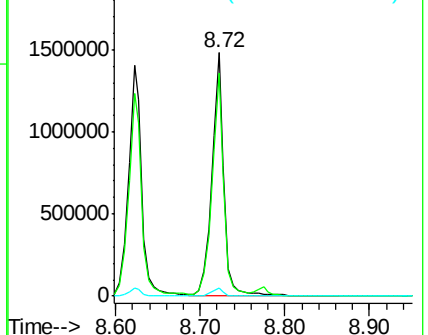
116 3.6 2.7 4.1

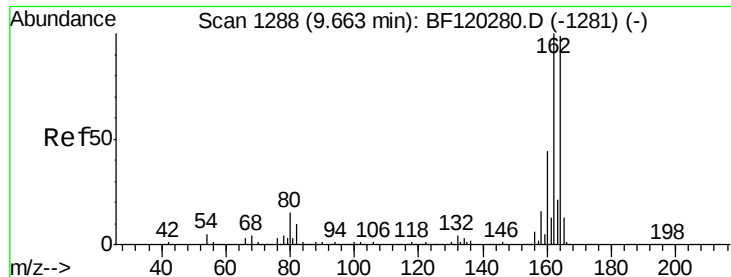


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

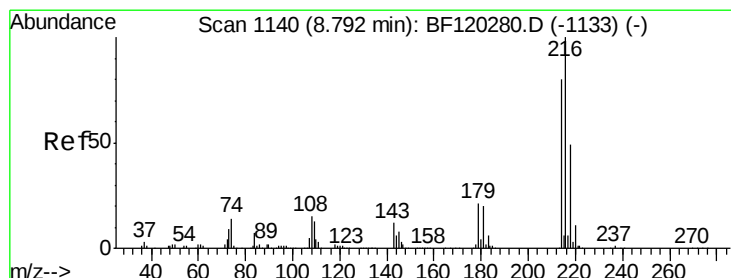
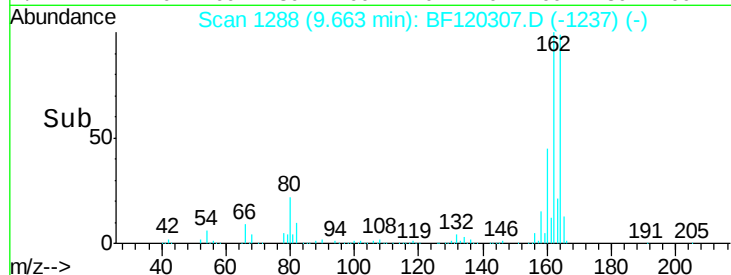
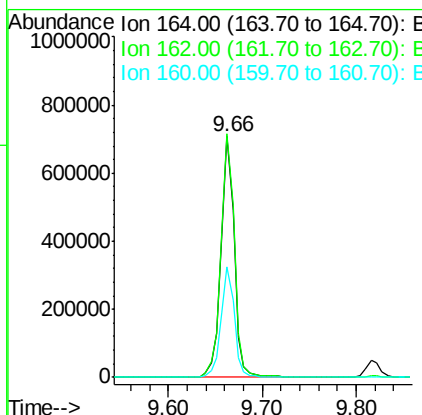
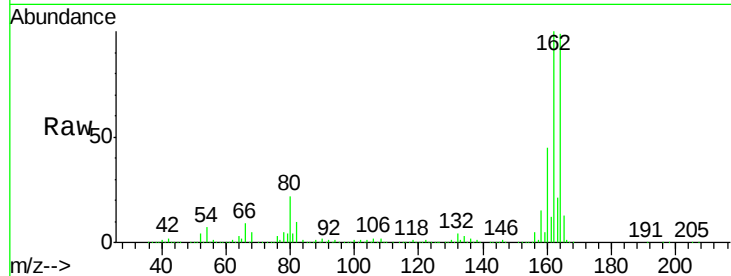




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.66 min Scan# 1288  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

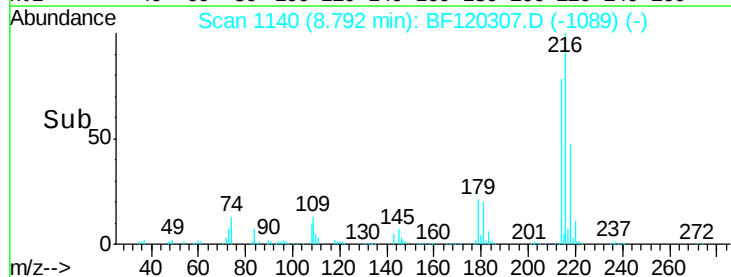
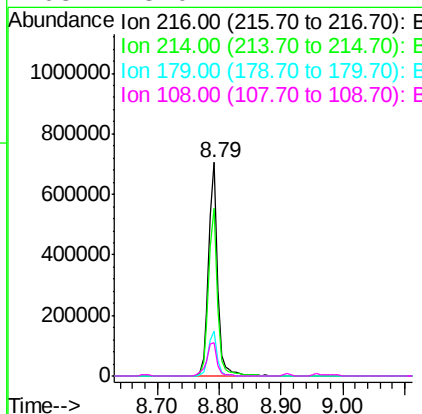
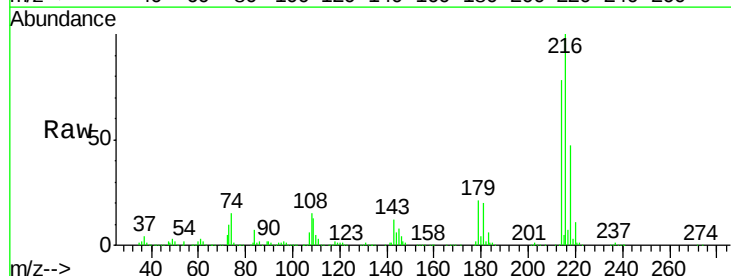
Instrument :  
BNA\_F  
ClientSampled :

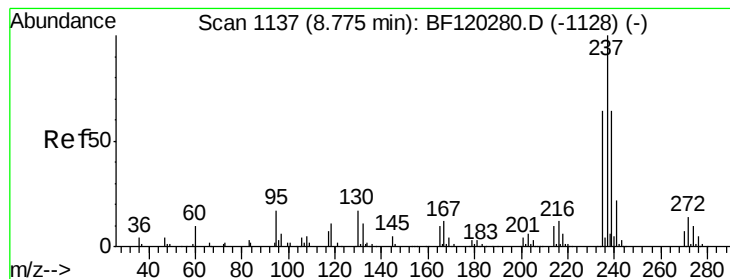
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.0 | 81.2  | 121.8 |
| 160     | 45.9  | 35.8  | 53.6  |



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.565 ng  
RT: 8.79 min Scan# 1140  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.4  | 64.0  | 96.0  |
| 179     | 21.0  | 16.9  | 25.3  |
| 108     | 18.0  | 14.2  | 21.2  |





#41

Hexachlorocyclopentadiene

Concen: 48.468 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampleId :

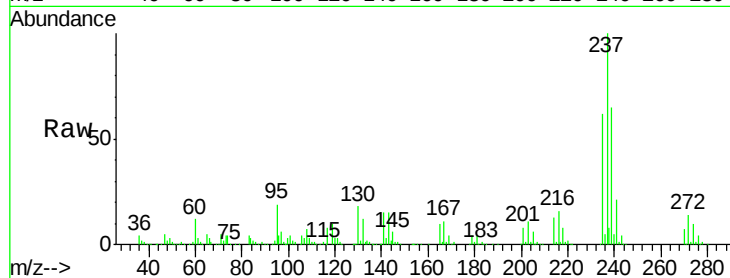
Tot Ion:237 Resp: 335829

Ion Ratio Lower Upper

237 100

235 61.8 43.8 83.8

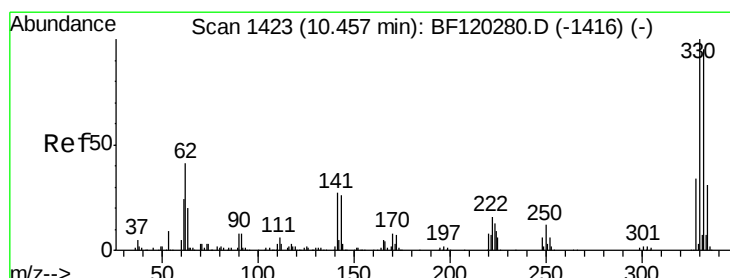
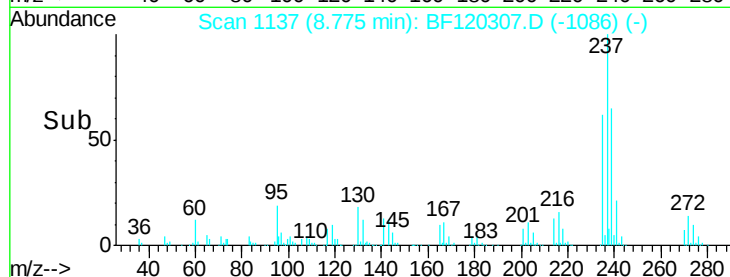
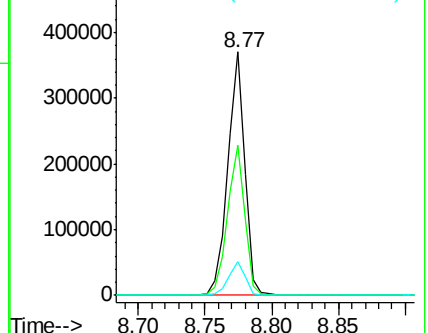
272 13.7 0.0 33.9



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: 105.263 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

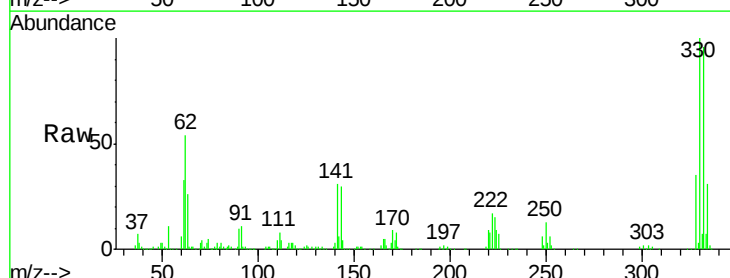
Tgt Ion:330 Resp: 607411

Ion Ratio Lower Upper

330 100

332 94.7 76.5 114.7

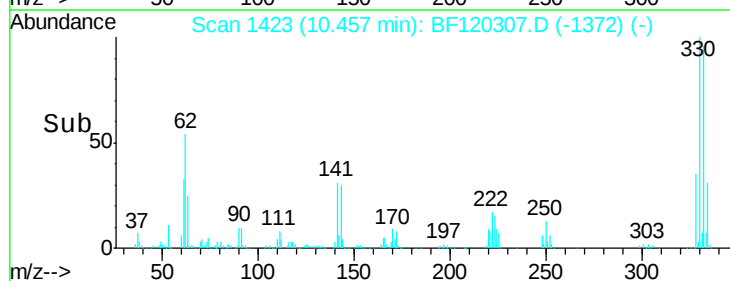
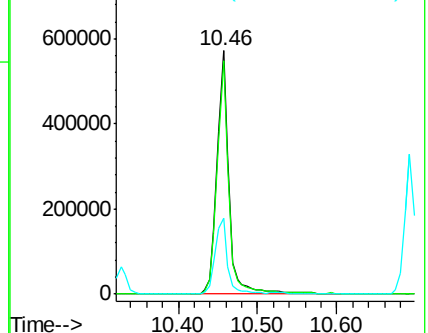
141 31.6 25.4 38.0

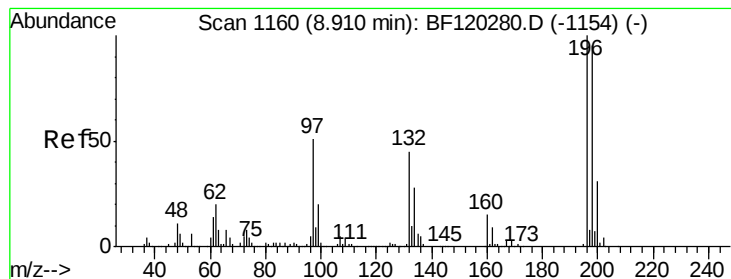


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 38.704 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampleId :

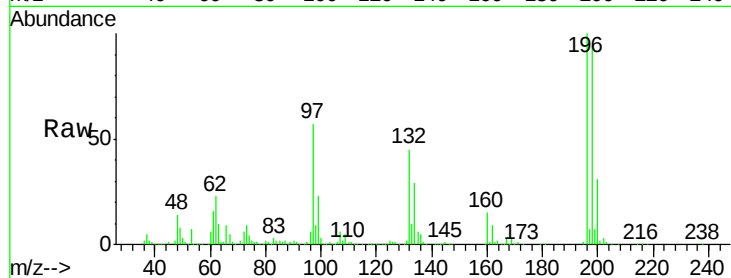
Tot Ion:196 Resp: 463622

Ion Ratio Lower Upper

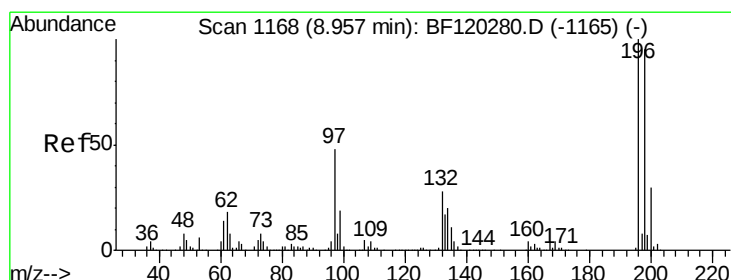
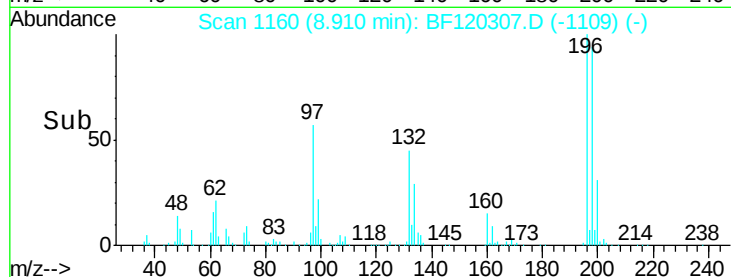
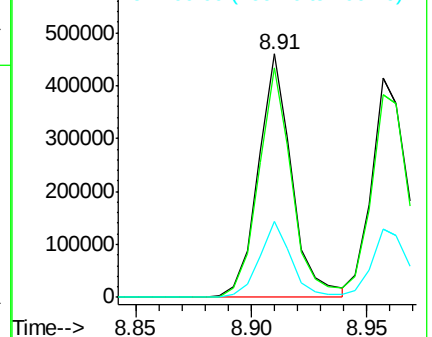
196 100

198 94.2 76.2 114.4

200 31.0 24.9 37.3



Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 36.040 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Tgt Ion:196 Resp: 495786

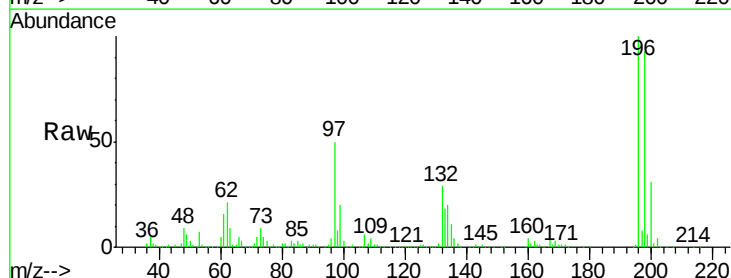
Ion Ratio Lower Upper

196 100

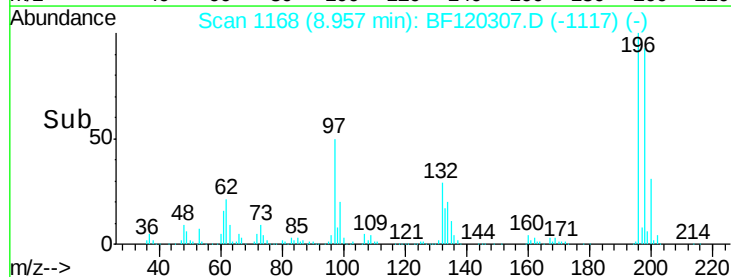
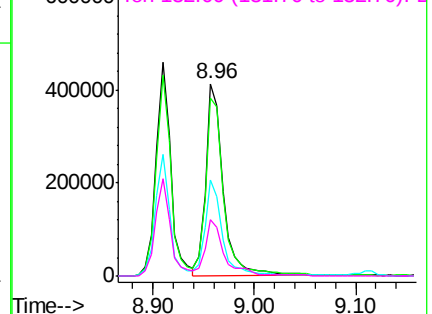
198 92.5 76.2 114.4

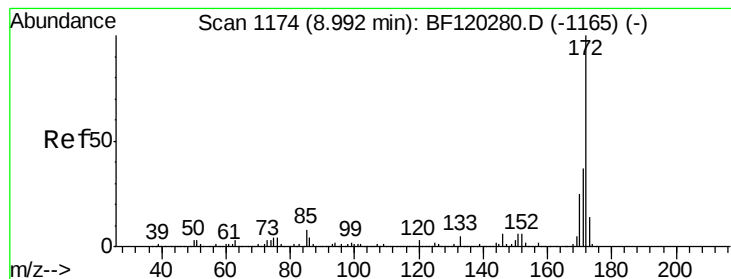
97 50.2 38.6 57.8

132 29.5 23.2 34.8



Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BF1  
Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 84.189 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

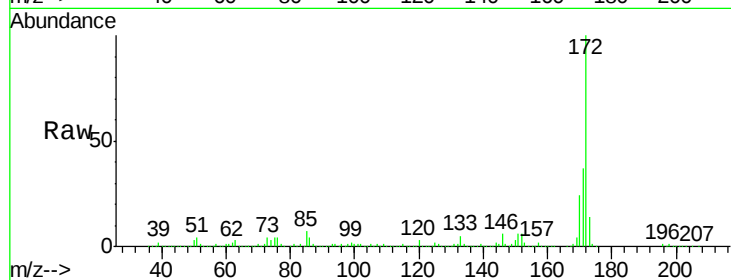
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:172 Resp: 2900161

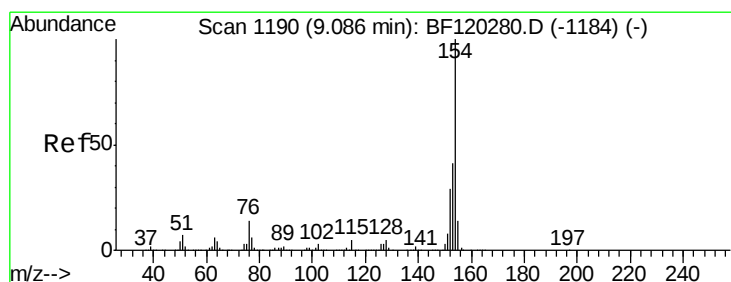
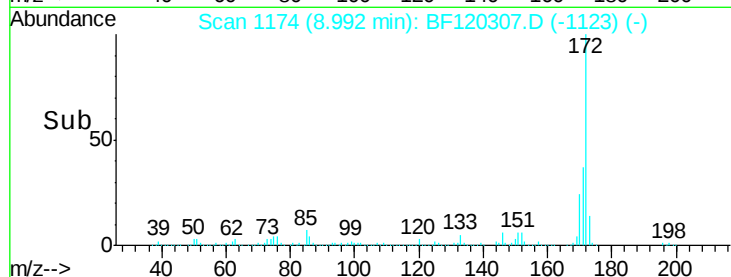
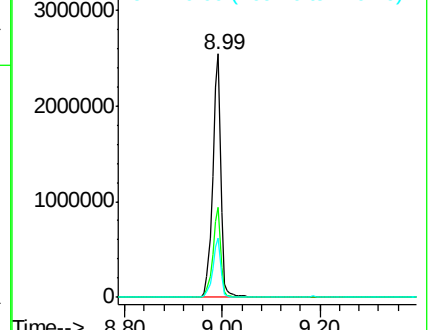
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 37.2  | 29.7  | 44.5  |
| 170 | 24.5  | 19.9  | 29.9  |



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.018 ng

RT: 9.09 min Scan# 1191

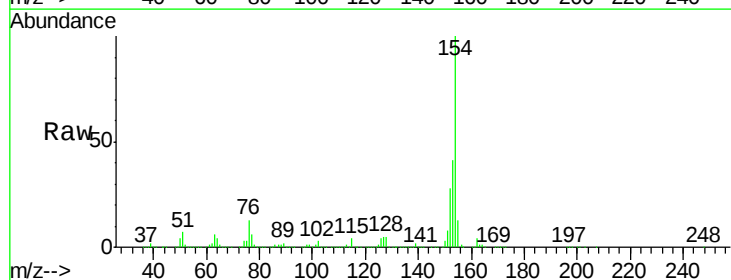
Delta R.T. 0.01 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Tgt Ion:154 Resp: 1902051

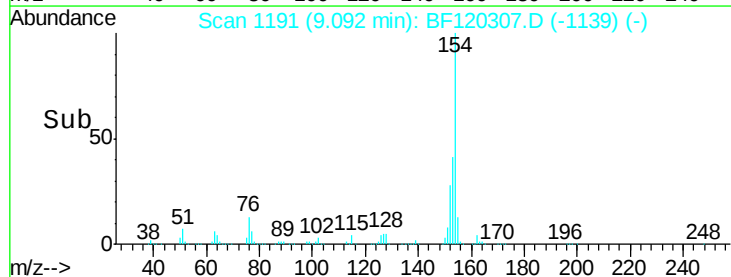
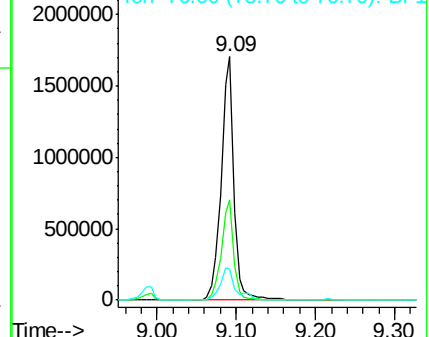
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 41.1  | 20.8  | 60.8  |
| 76  | 13.0  | 0.0   | 34.3  |

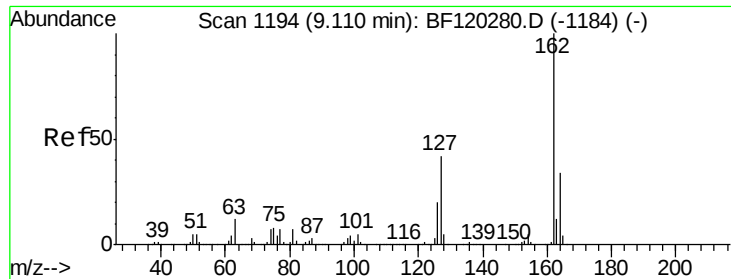


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



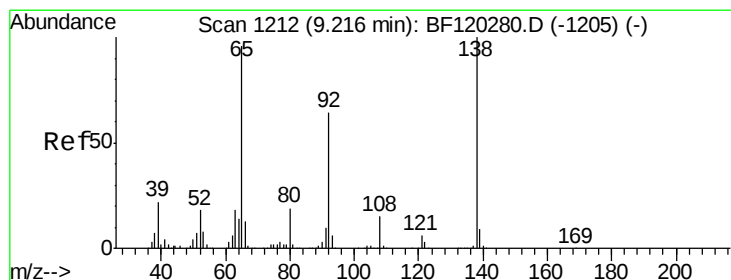
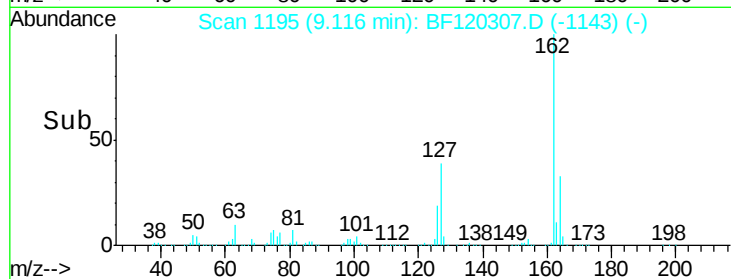
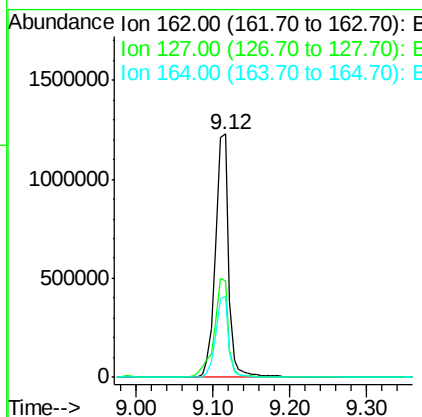
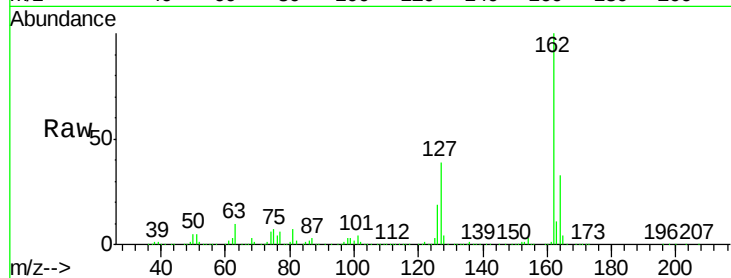


#47  
 2-Chloronaphthalene  
 Concen: 38.654 ng  
 RT: 9.12 min Scan# 1195  
 Delta R.T. 0.01 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:162 Resp: 1437787  

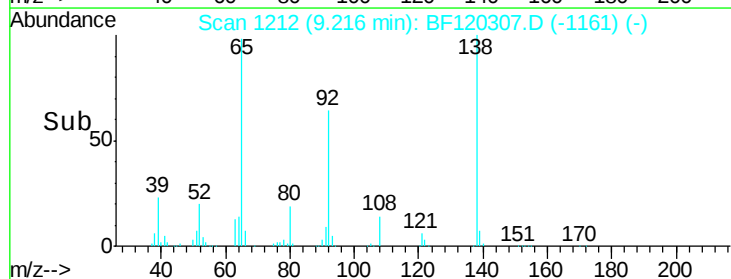
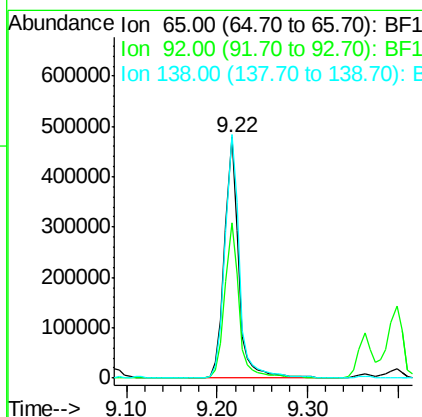
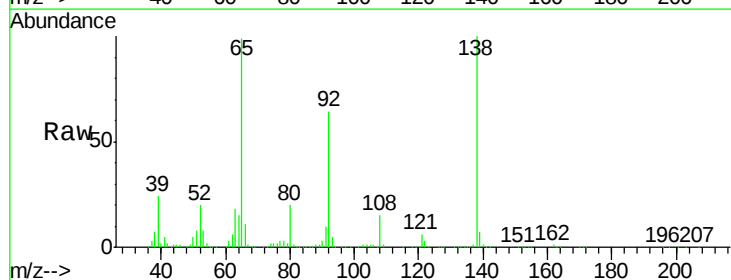
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 39.5  | 33.4  | 50.0  |
| 164 | 33.4  | 27.0  | 40.6  |

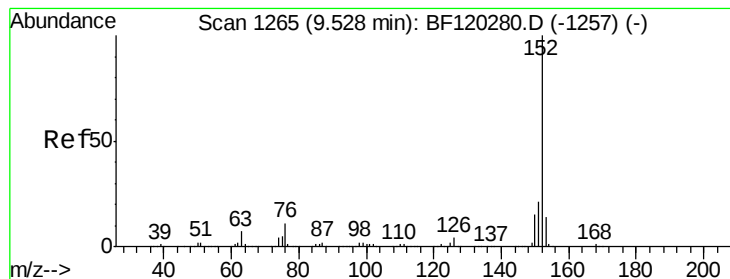


#48  
 2-Nitroaniline  
 Concen: 37.935 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. -0.00 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

Tgt Ion: 65 Resp: 514842  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 64.7  | 52.9  | 79.3  |
| 138 | 101.1 | 83.0  | 124.4 |





#49

Acenaphthylene

Concen: 38.518 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampleId :

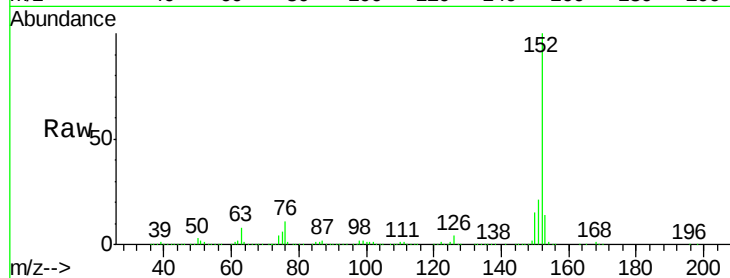
Tot Ion:152 Resp: 2188566

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

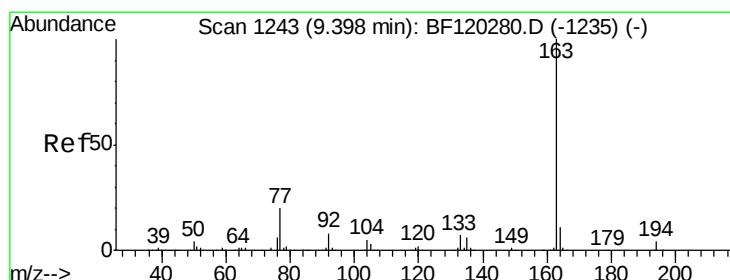
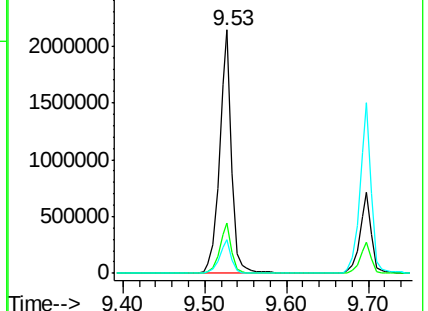
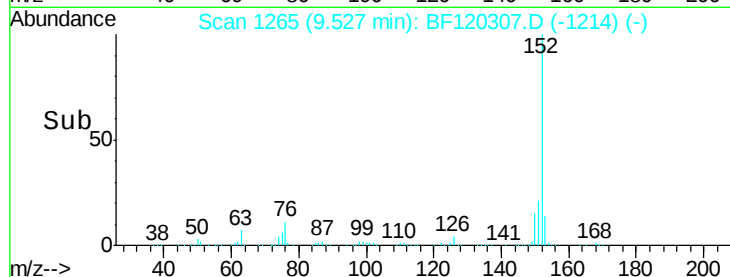
153 13.6 11.1 16.7



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: 41.816 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

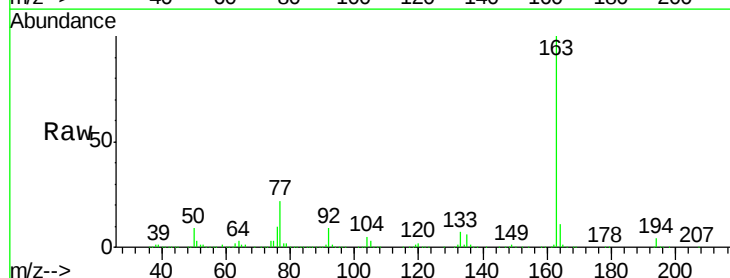
Tgt Ion:163 Resp: 1870786

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

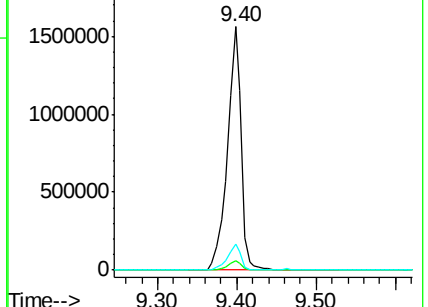
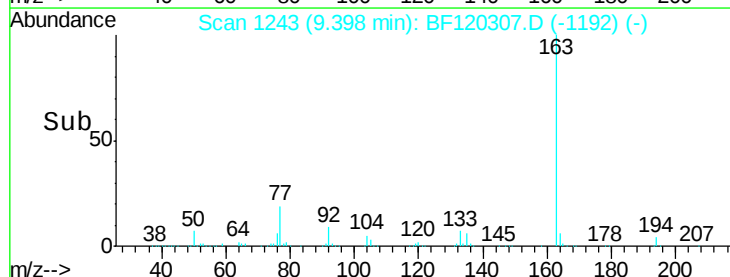
164 10.7 8.6 12.8

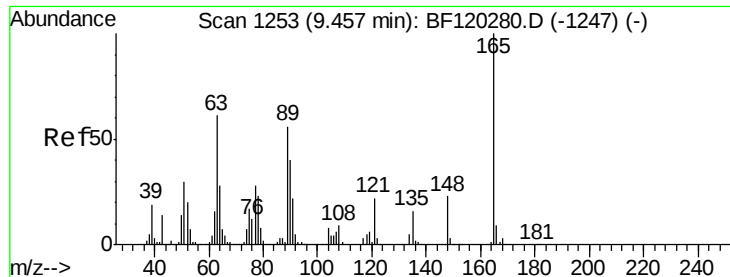


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 36.689 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampleId :

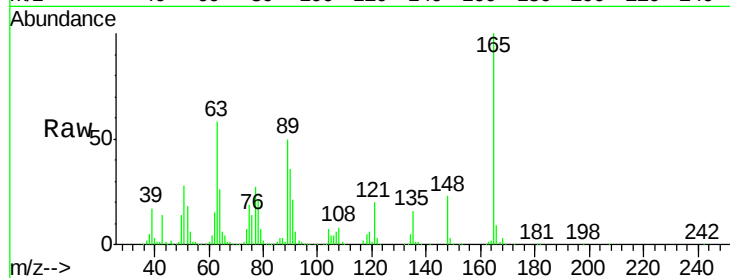
Tot Ion:165 Resp: 366348

Ion Ratio Lower Upper

165 100

63 58.2 50.2 75.2

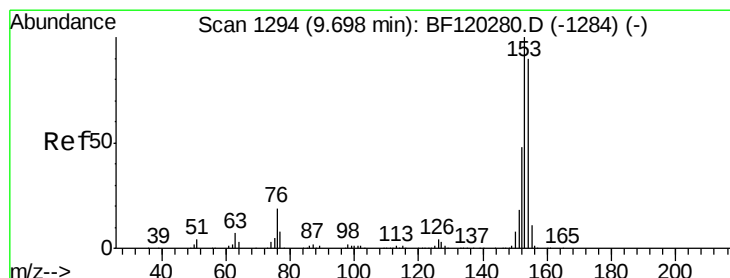
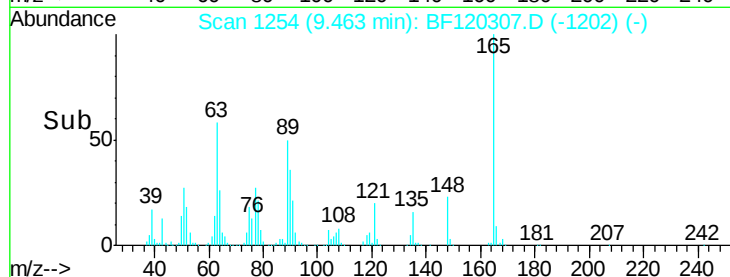
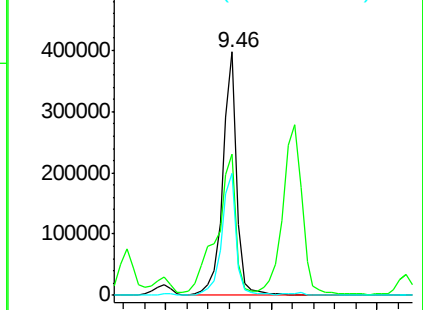
89 50.2 44.6 66.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.914 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

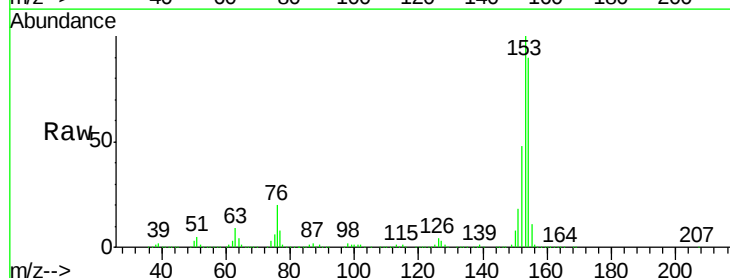
Tgt Ion:154 Resp: 1291265

Ion Ratio Lower Upper

154 100

153 111.3 89.0 133.4

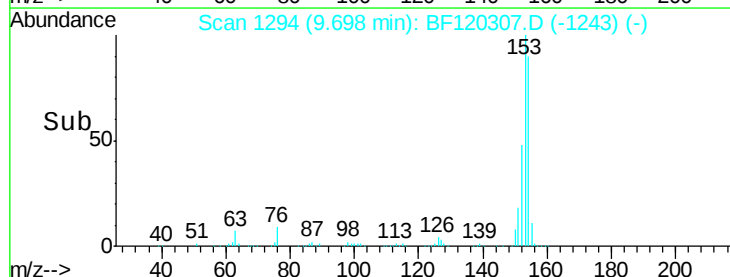
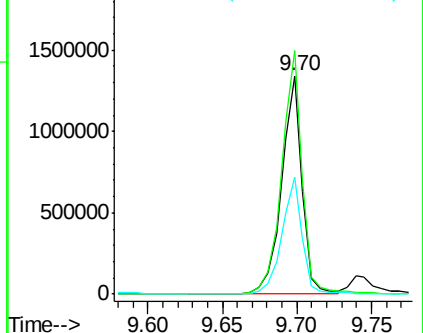
152 53.3 42.6 64.0

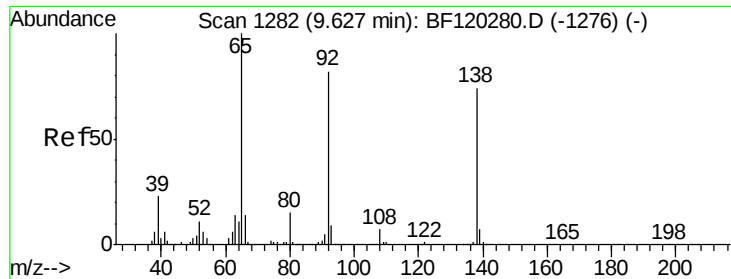


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

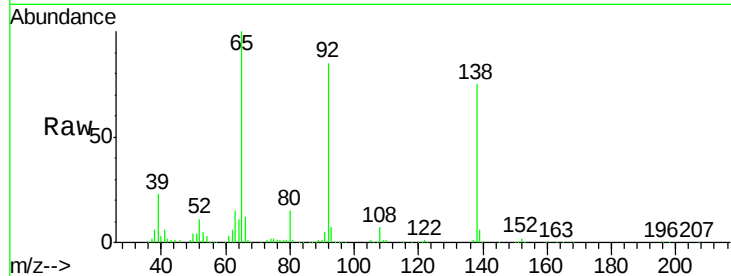




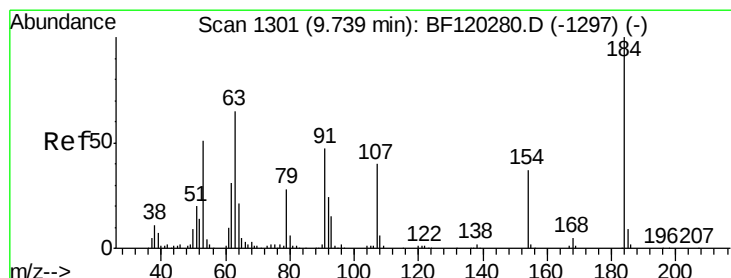
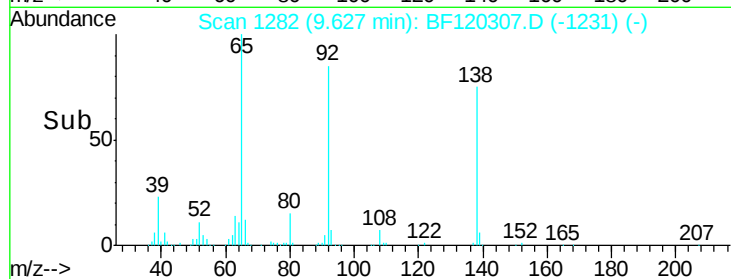
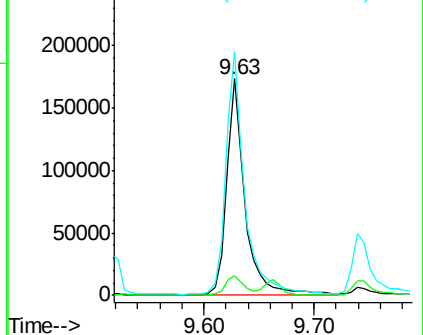
#53  
3-Nitroaniline  
Concen: 17.131 ng  
RT: 9.63 min Scan# 1282  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:138 Resp: 203991  
Ion Ratio Lower Upper  
138 100  
108 8.9 8.2 12.2  
92 112.5 89.6 134.4

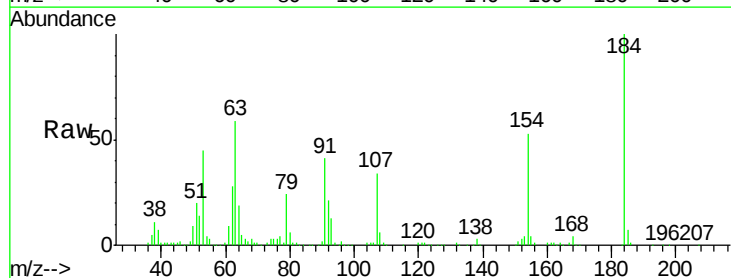


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

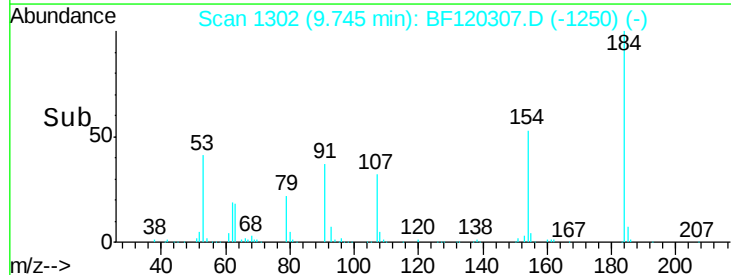
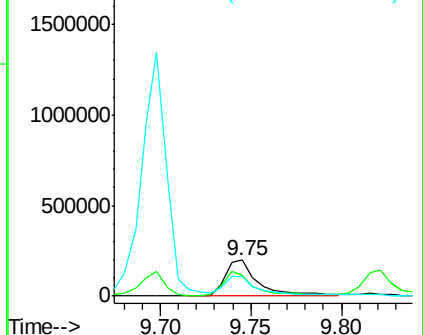


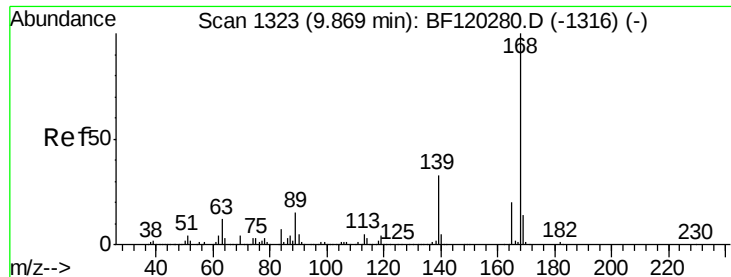
#54  
2,4-Dinitrophenol  
Concen: 53.548 ng  
RT: 9.75 min Scan# 1302  
Delta R.T. 0.01 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

Tgt Ion:184 Resp: 252389  
Ion Ratio Lower Upper  
184 100  
63 58.9 53.6 80.4  
154 53.5 46.8 70.2



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

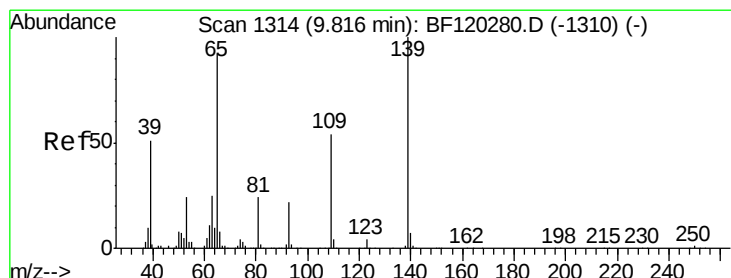
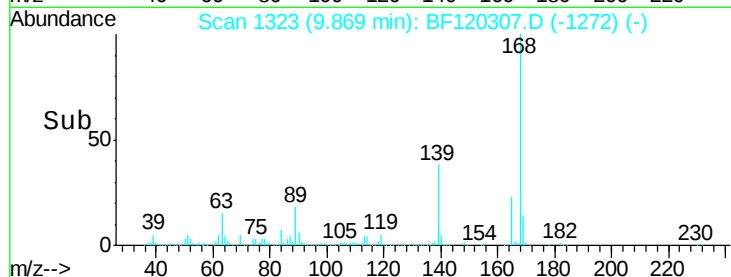
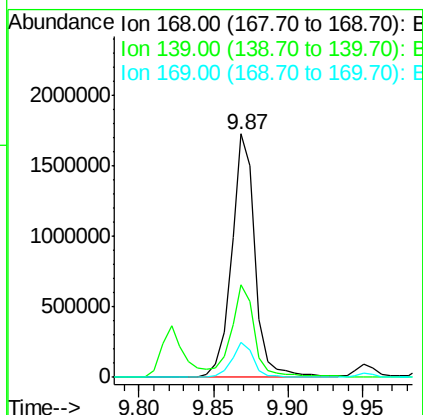
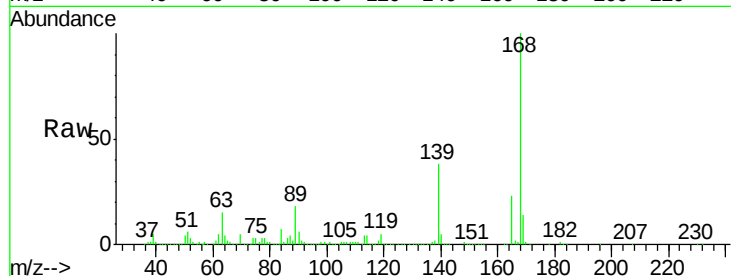




#55  
Dibenzofuran  
Concen: 38.722 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

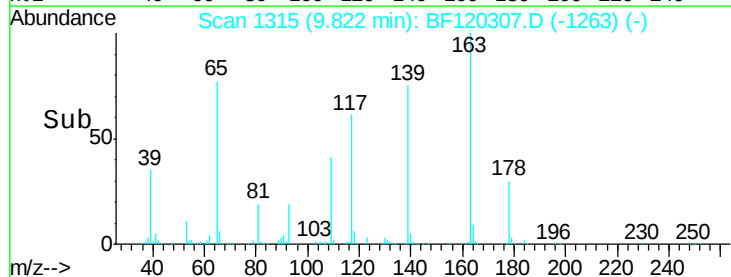
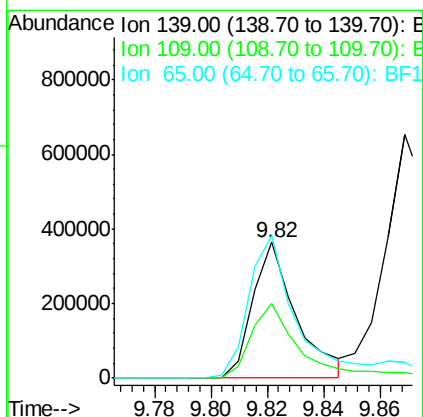
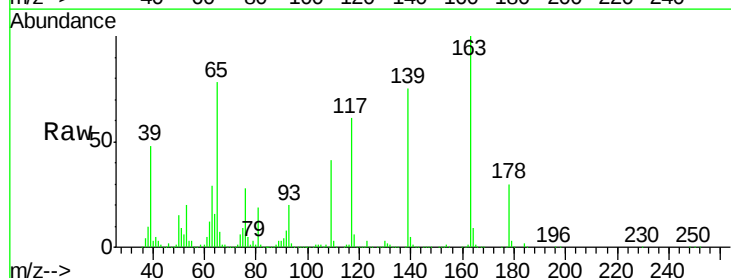
Instrument :  
BNA\_F  
ClientSampleId :

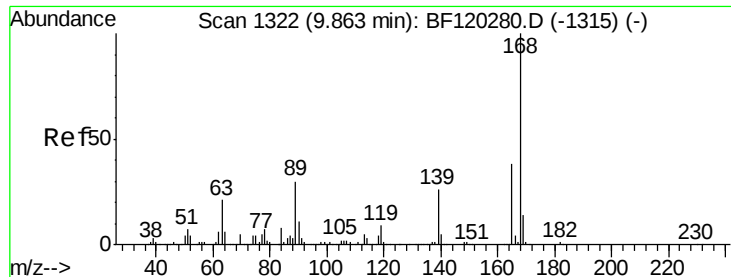
Tot Ion:168 Resp: 1899108  
Ion Ratio Lower Upper  
168 100  
139 37.8 29.8 44.6  
169 14.2 11.0 16.6



#56  
4-Nitrophenol  
Concen: 60.692 ng  
RT: 9.82 min Scan# 1315  
Delta R.T. 0.01 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

Tgt Ion:139 Resp: 388318  
Ion Ratio Lower Upper  
139 100  
109 55.3 34.6 74.6  
65 104.5 73.3 113.3

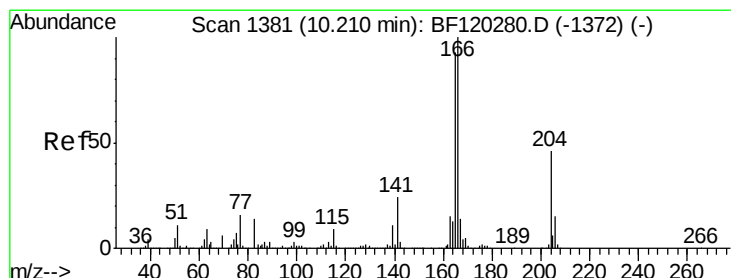
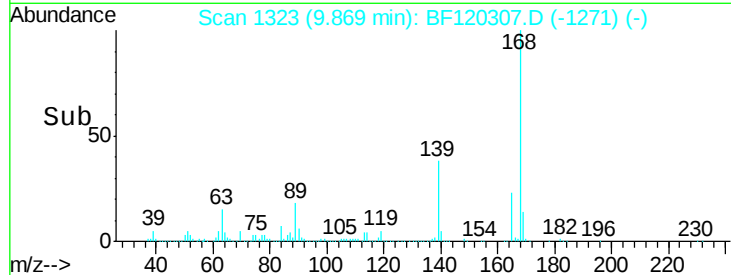
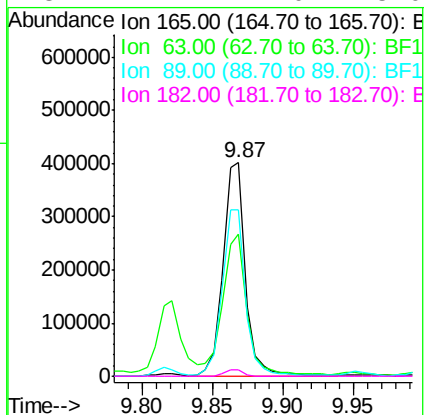
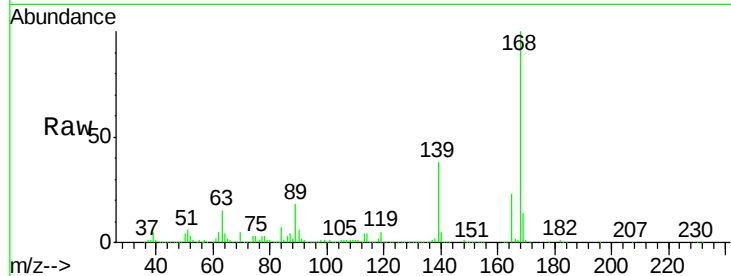




#57  
 2,4-Dinitrotoluene  
 Concen: 37.568 ng  
 RT: 9.87 min Scan# 1323  
 Delta R.T. 0.01 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

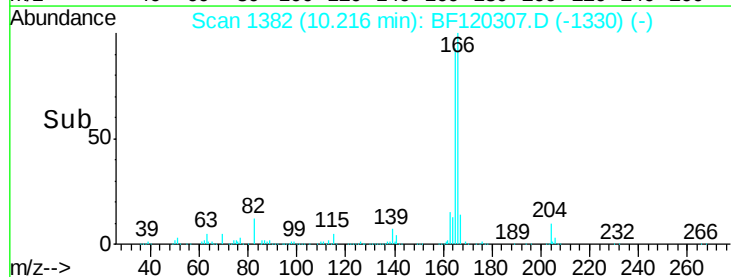
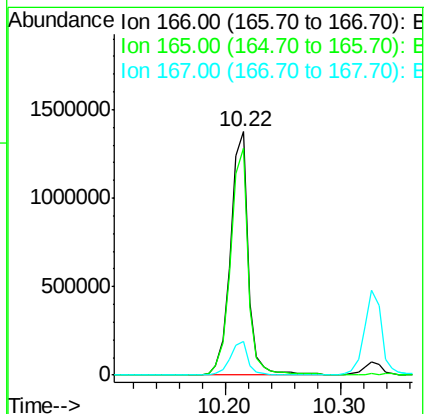
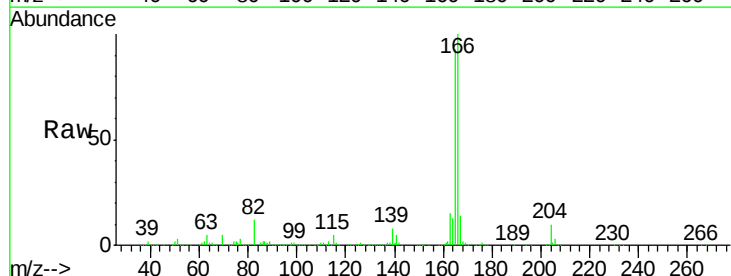
Instrument :  
 BNA\_F  
 ClientSampleId :

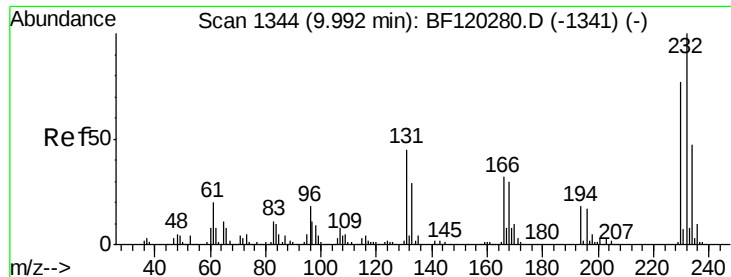
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 440033 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 66.6  | 51.8  | 77.8   |
| 89       | 77.9  | 64.2  | 96.4   |
| 182      | 2.7   | 2.0   | 3.0    |



#58  
 Fluorene  
 Concen: 39.179 ng  
 RT: 10.22 min Scan# 1382  
 Delta R.T. 0.01 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 1463389 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 93.2  | 74.7  | 112.1   |
| 167      | 13.7  | 11.4  | 17.0    |

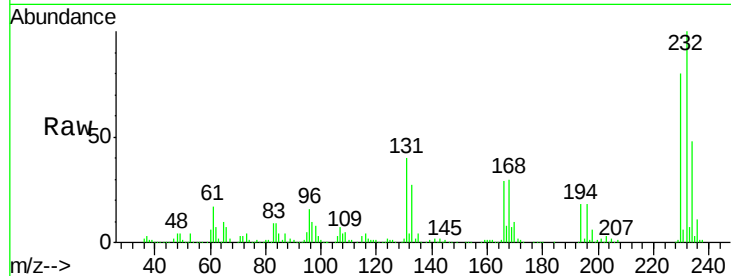




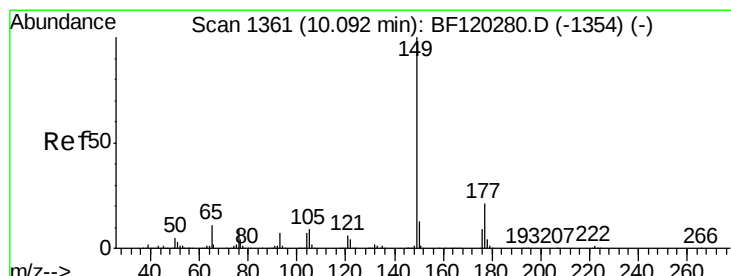
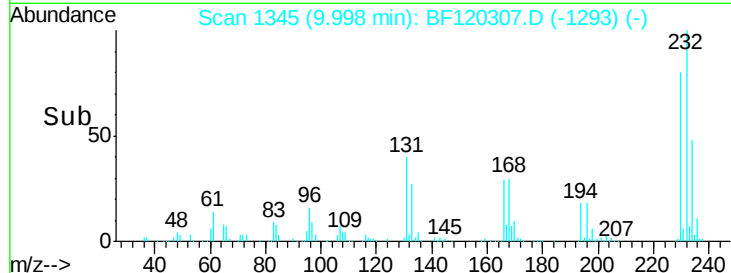
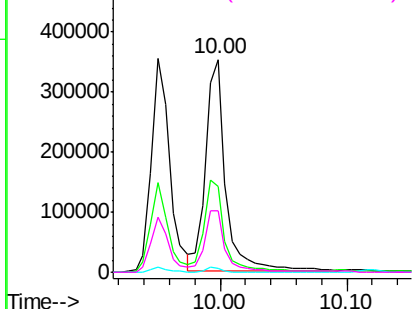
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 37.861 ng  
 RT: 10.00 min Scan# 1345  
 Delta R.T. 0.01 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:232 Resp: 391963  
 Ion Ratio Lower Upper  
 232 100  
 131 42.2 34.1 51.1  
 130 2.1 1.7 2.5  
 166 29.4 23.3 34.9

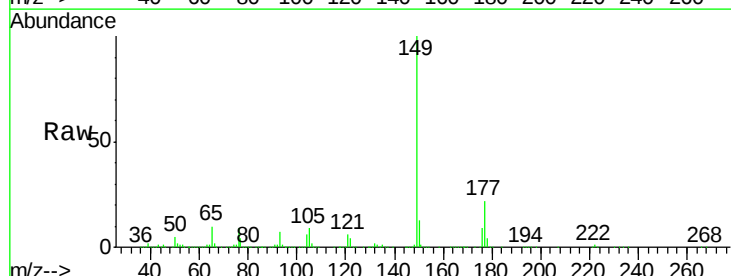


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

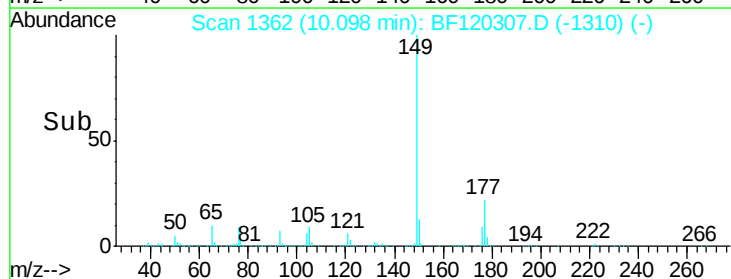
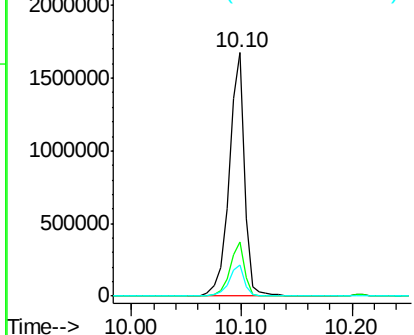


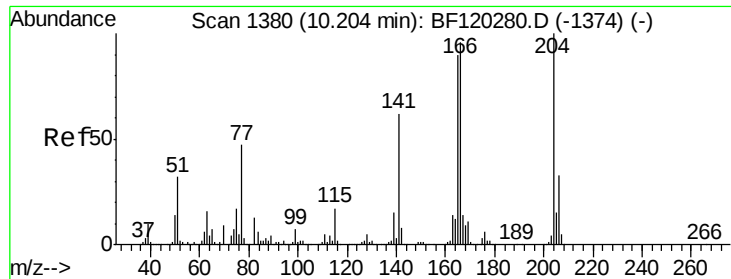
#60  
 Diethylphthalate  
 Concen: 37.748 ng  
 RT: 10.10 min Scan# 1362  
 Delta R.T. 0.01 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

Tgt Ion:149 Resp: 1630424  
 Ion Ratio Lower Upper  
 149 100  
 177 22.2 17.1 25.7  
 150 12.8 10.3 15.5



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

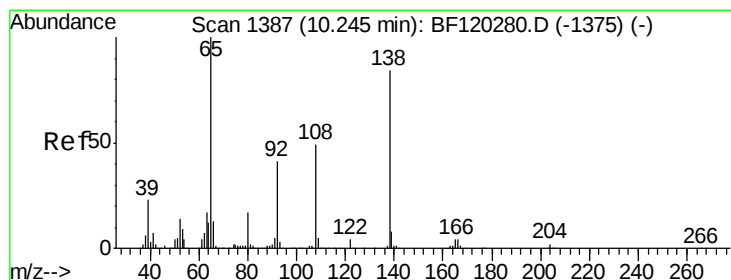
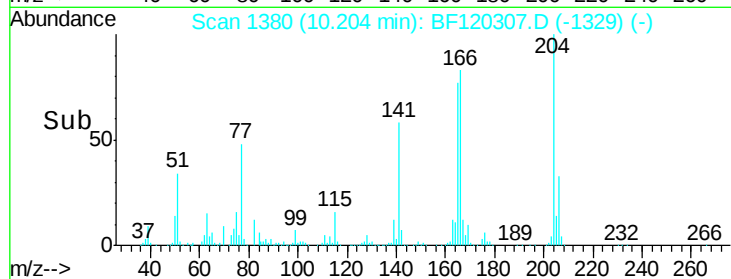
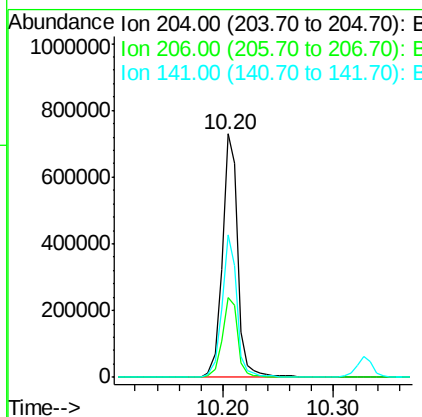
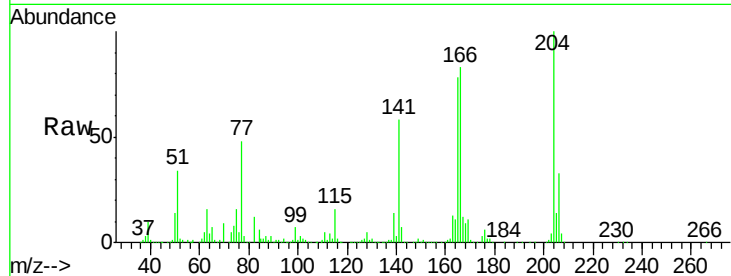




#61  
 4-Chlorophenyl-phenylether  
 Concen: 36.738 ng  
 RT: 10.20 min Scan# 1380  
 Delta R.T. -0.00 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

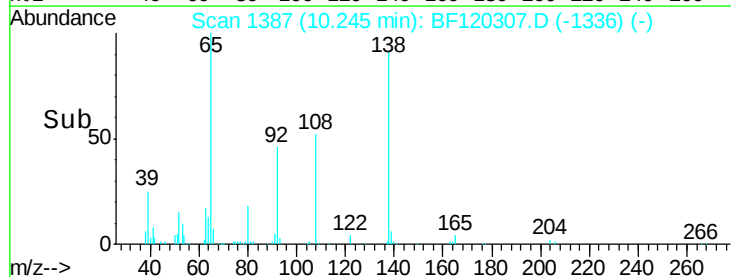
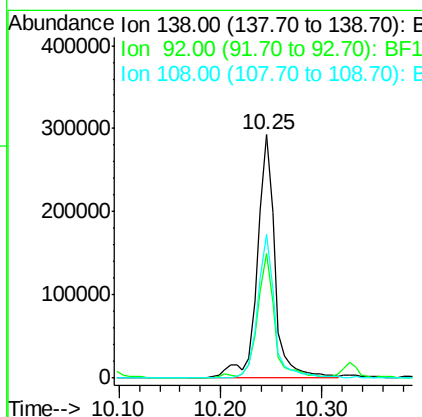
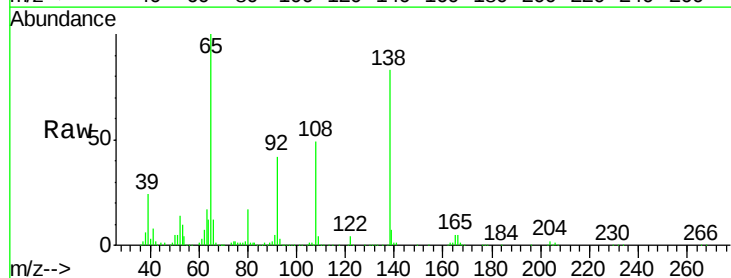
Instrument :  
 BNA\_F  
 ClientSampled :

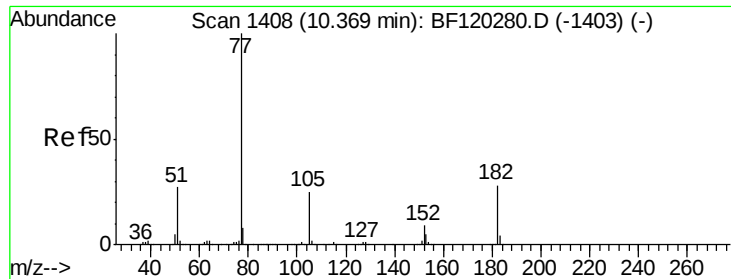
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.8  | 26.8  | 40.2  |
| 141     | 58.4  | 49.5  | 74.3  |



#62  
 4-Nitroaniline  
 Concen: 32.304 ng  
 RT: 10.25 min Scan# 1387  
 Delta R.T. -0.00 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.9  | 28.9  | 68.9  |
| 108     | 59.2  | 38.4  | 78.4  |





#63

Azobenzene

Concen: 39.030 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampled :

Tot Ion: 77 Resp: 1593233

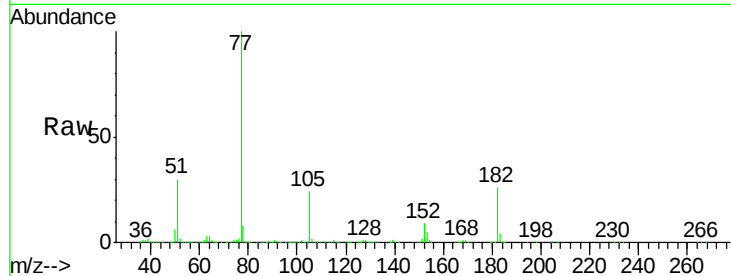
Ion Ratio Lower Upper

77 100

182 25.8 7.4 47.4

105 23.5 4.4 44.4

51 29.9 8.3 48.3

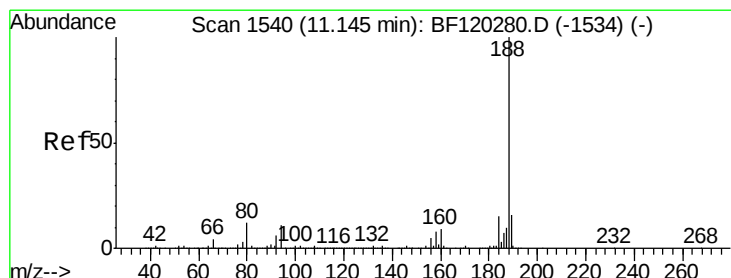
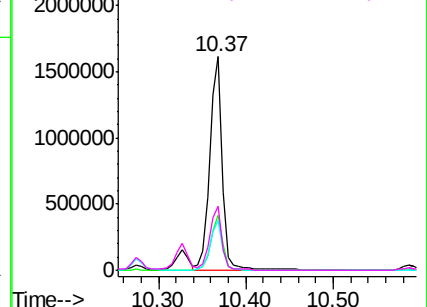
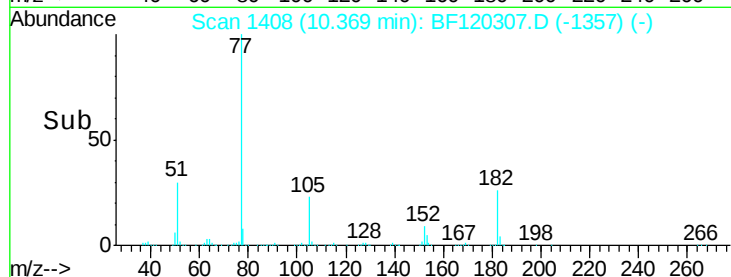


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.15 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

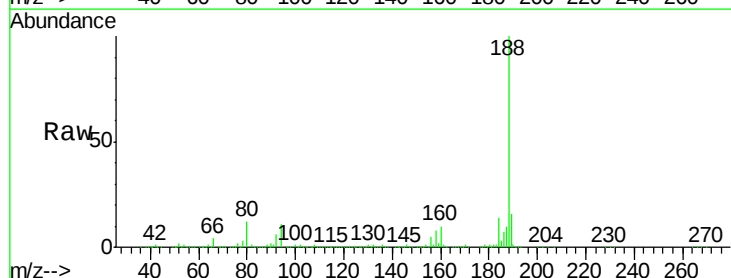
Tgt Ion: 188 Resp: 1242331

Ion Ratio Lower Upper

188 100

94 11.0 8.6 13.0

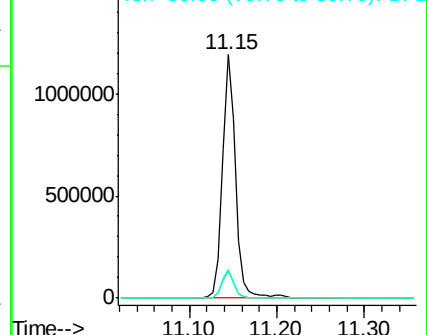
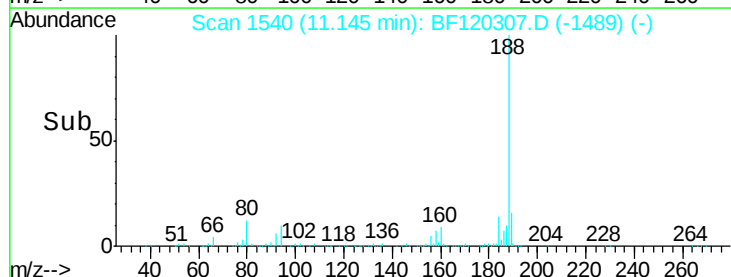
80 11.8 9.2 13.8

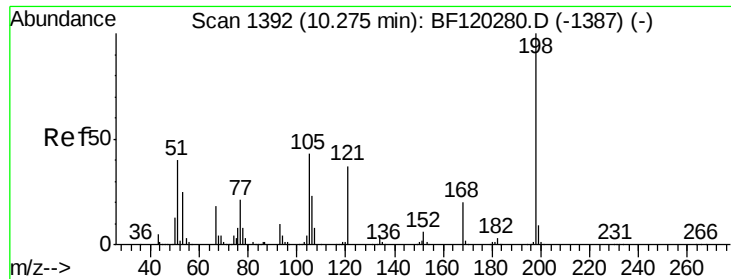


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

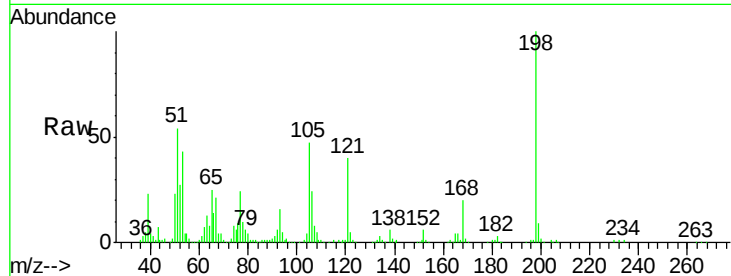




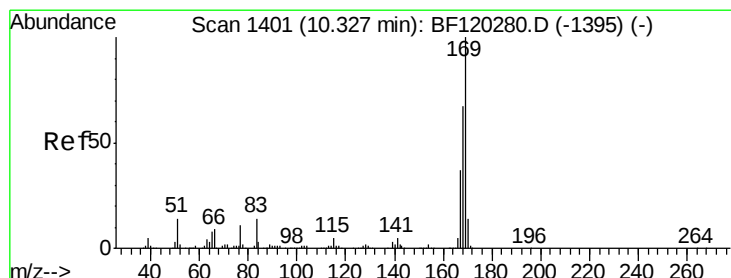
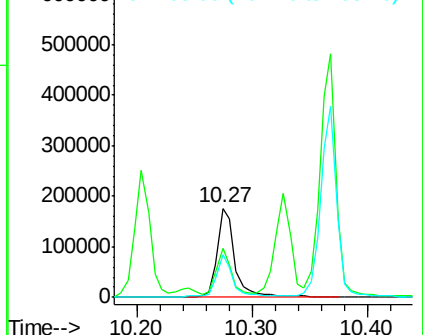
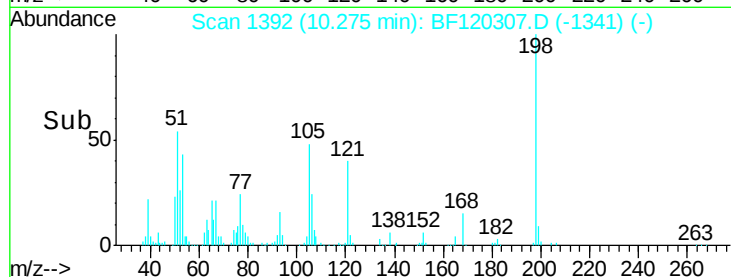
#65  
4,6-Dinitro-2-methylphenol  
Concen: 30.126 ng  
RT: 10.27 min Scan# 1392  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:198 Resp: 189276  
Ion Ratio Lower Upper  
198 100  
51 54.5 27.1 67.1  
105 47.2 24.3 64.3

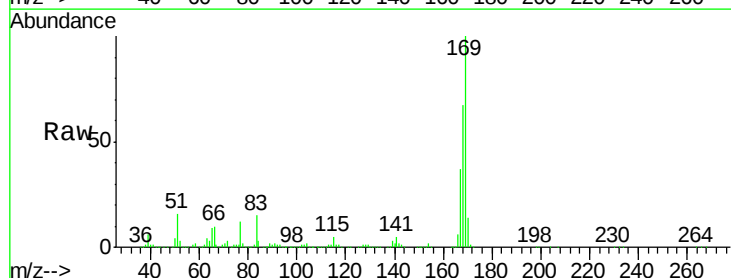


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

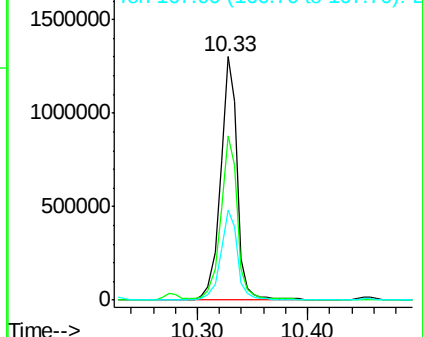
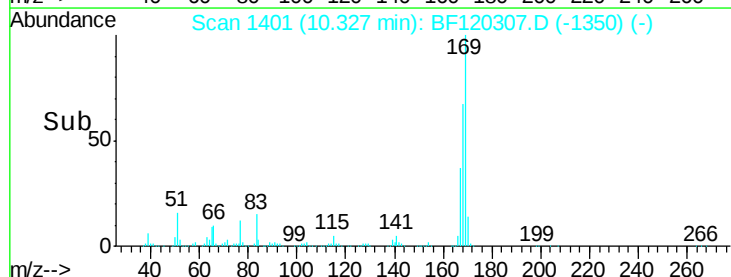


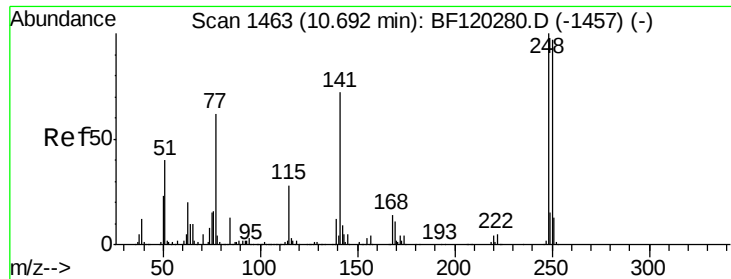
#66  
n-Nitrosodiphenylamine  
Concen: 39.581 ng  
RT: 10.33 min Scan# 1401  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

Tgt Ion:169 Resp: 1360420  
Ion Ratio Lower Upper  
169 100  
168 67.5 53.7 80.5  
167 36.9 29.8 44.6



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

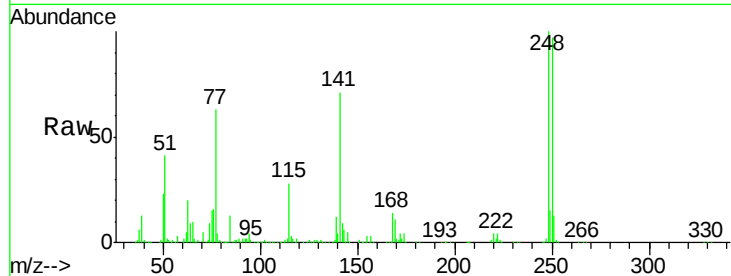




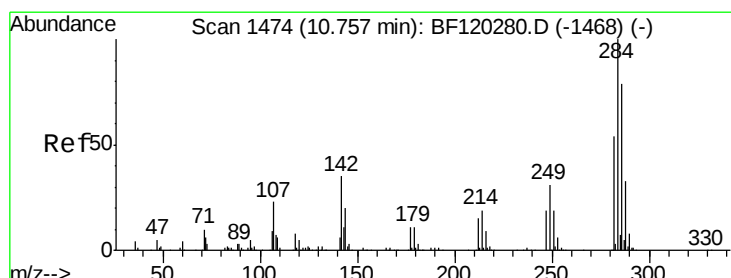
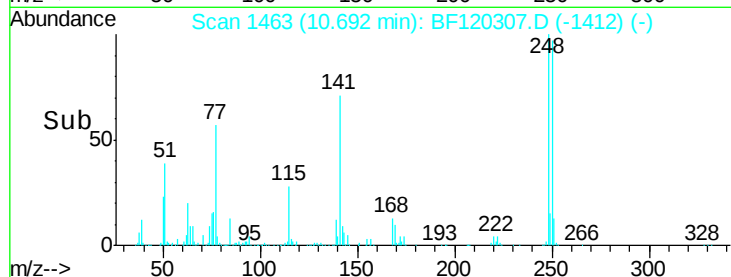
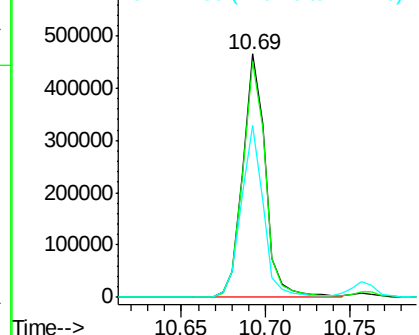
#67  
4-Bromophenyl-phenylether  
Concen: 36.111 ng  
RT: 10.69 min Scan# 1463  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.7  | 77.8  | 116.6 |
| 141     | 70.8  | 57.7  | 86.5  |

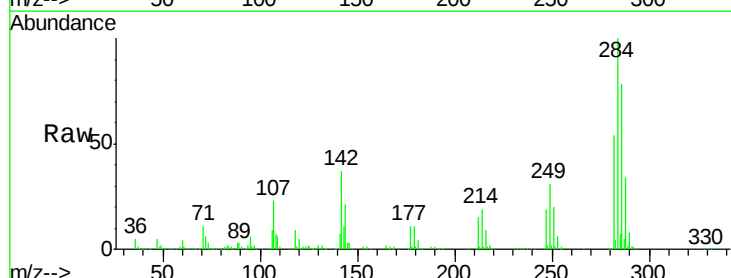


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

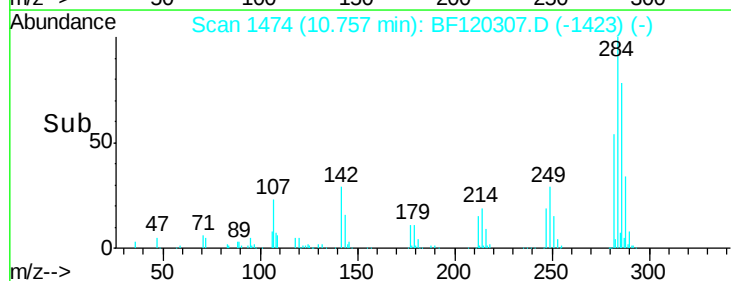
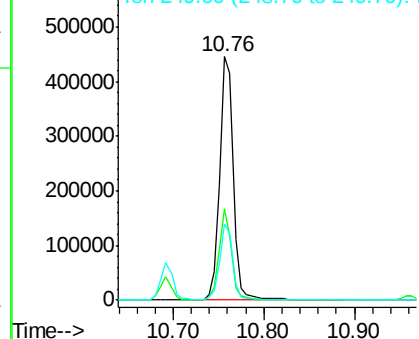


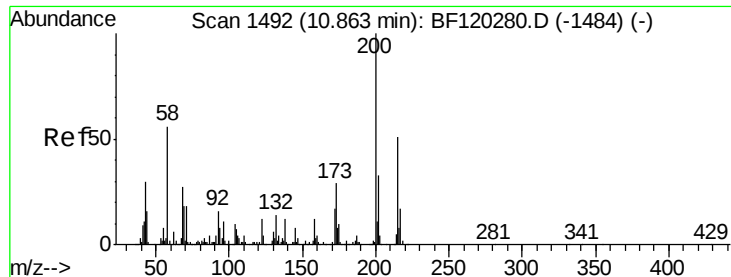
#68  
Hexachlorobenzene  
Concen: 36.816 ng  
RT: 10.76 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 37.3  | 28.5  | 42.7  |
| 249     | 31.2  | 24.8  | 37.2  |



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





#69

Atrazine

Concen: 33.914 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampleId :

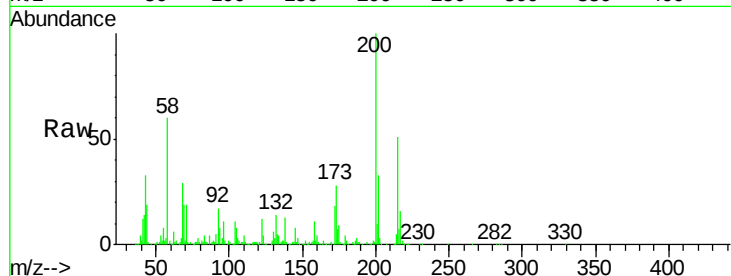
Tot Ion:200 Resp: 348783

Ion Ratio Lower Upper

200 100

173 28.2 8.7 48.7

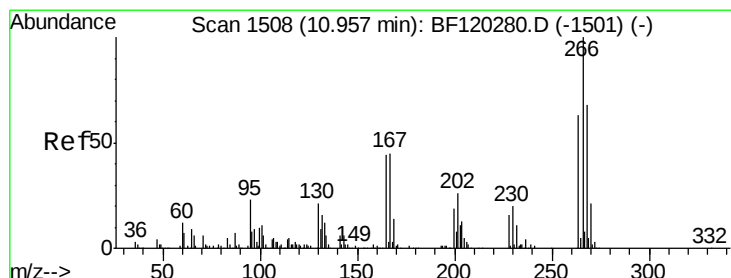
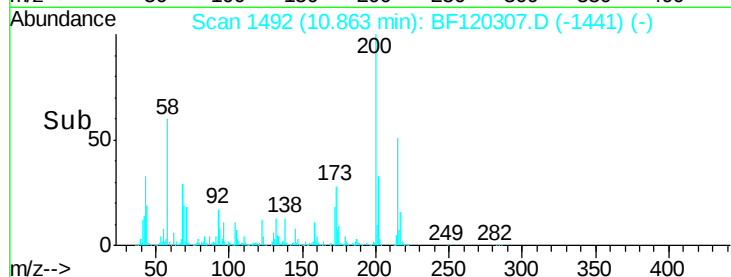
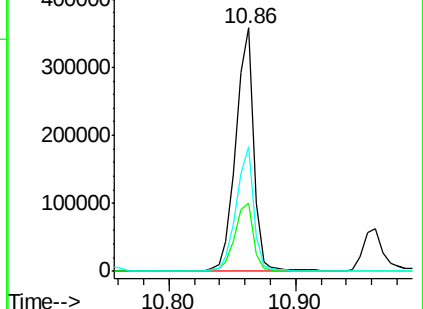
215 51.0 30.6 70.6



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: 76.505 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

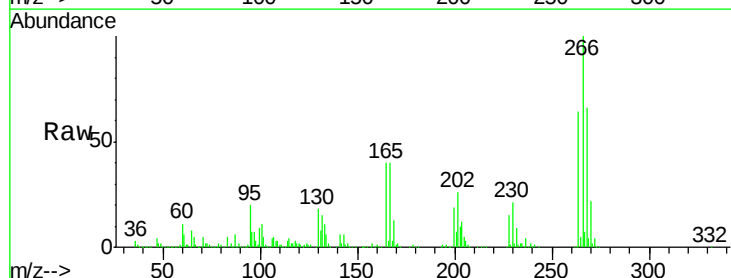
Tgt Ion:266 Resp: 410369

Ion Ratio Lower Upper

266 100

268 66.4 54.2 81.4

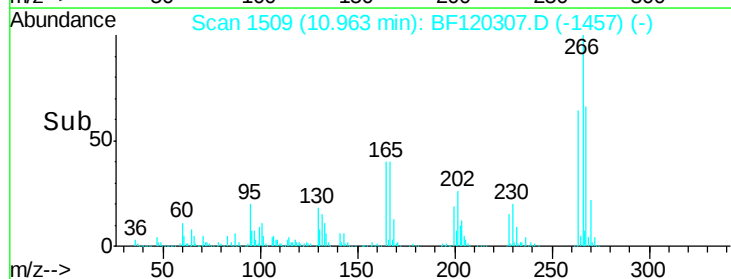
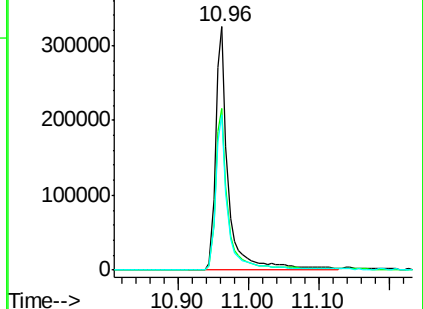
264 63.7 50.2 75.4

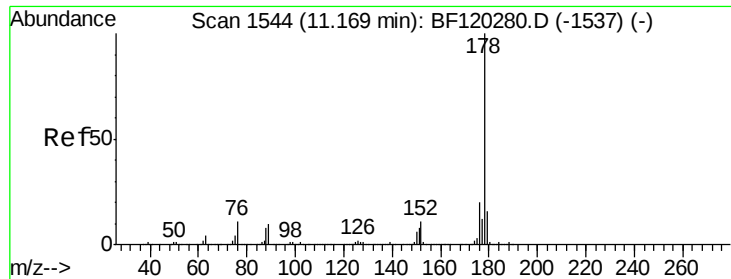


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

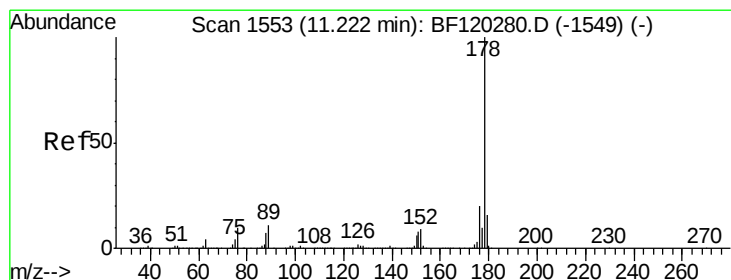
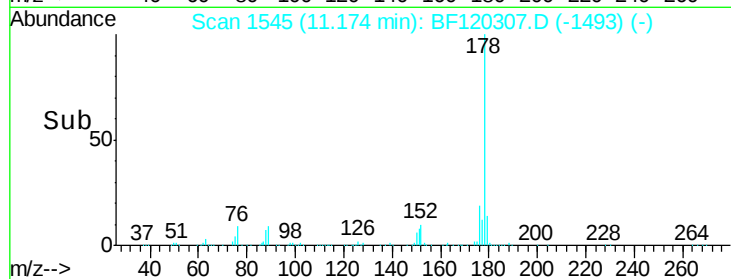
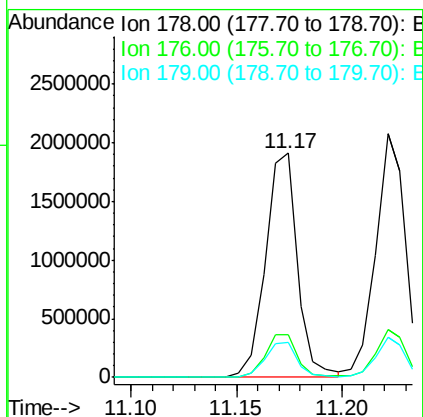
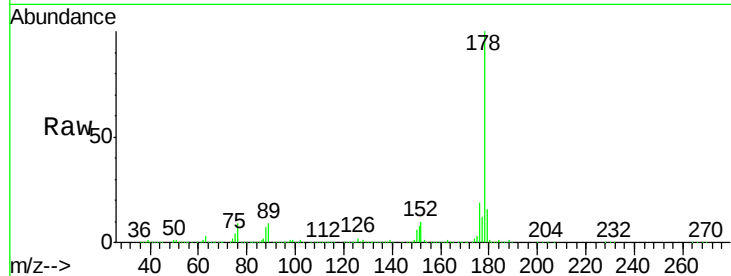




#71  
Phenanthrene  
Concen: 38.508 ng  
RT: 11.17 min Scan# 1545  
Delta R.T. 0.01 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

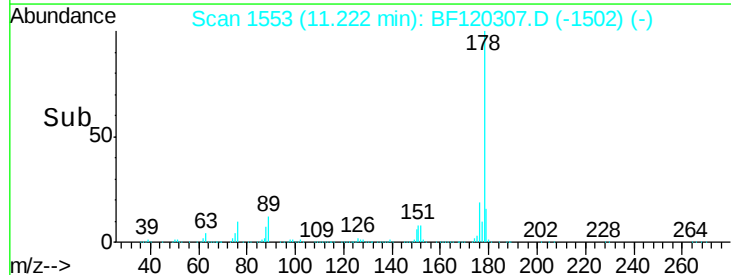
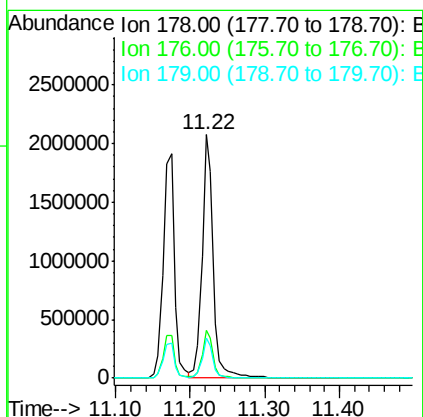
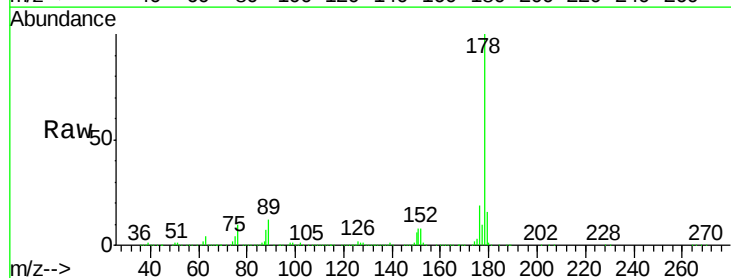
Instrument :  
BNA\_F  
ClientSampleId :

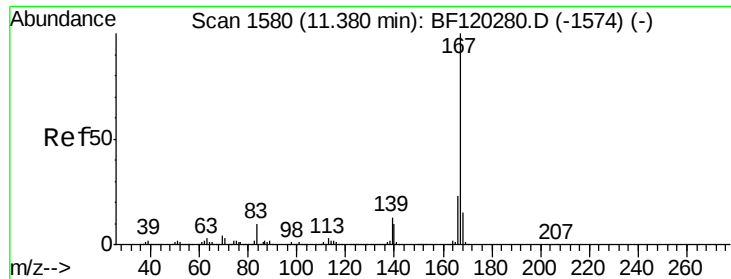
Tot Ion:178 Resp: 2010249  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.8 23.8  
179 15.5 12.8 19.2



#72  
Anthracene  
Concen: 38.942 ng  
RT: 11.22 min Scan# 1553  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

Tgt Ion:178 Resp: 2176265  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.7 23.5  
179 16.4 13.0 19.6





#73

Carbazole

Concen: 37.769 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampled :

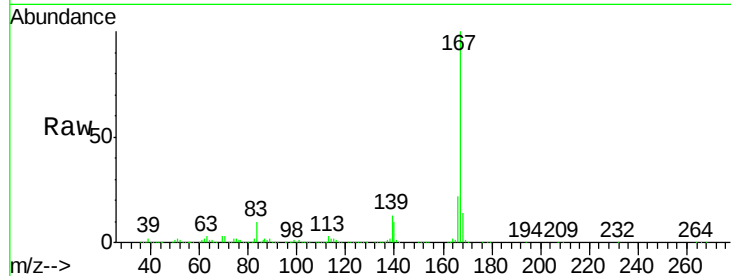
Tot Ion:167 Resp: 1972178

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

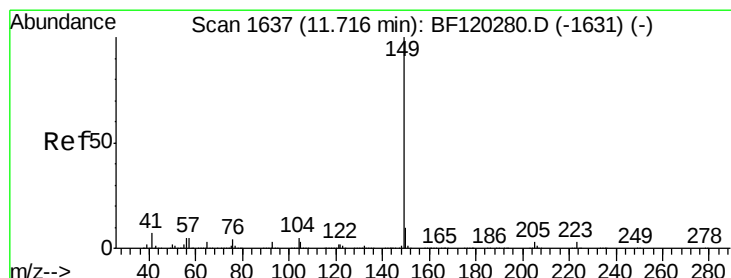
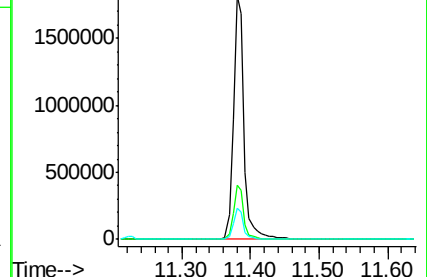
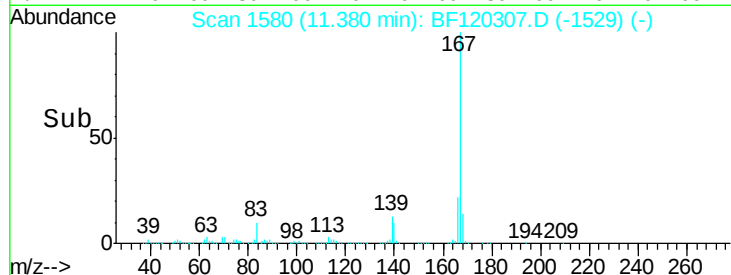
139 12.9 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.559 ng

RT: 11.72 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

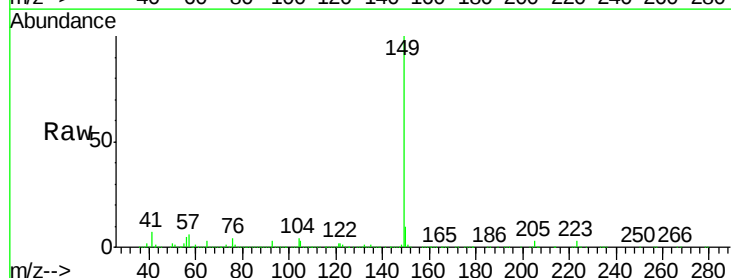
Tgt Ion:149 Resp: 2426570

Ion Ratio Lower Upper

149 100

150 10.0 8.2 12.4

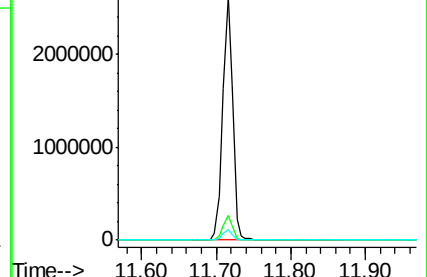
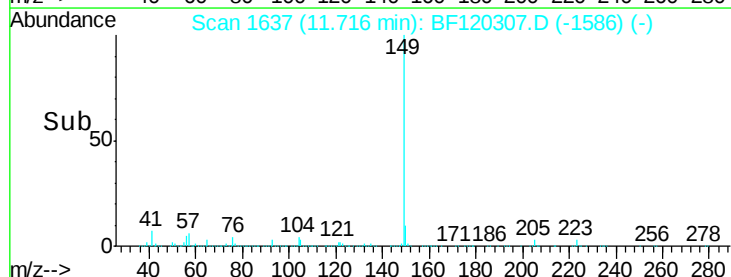
104 4.5 3.8 5.8

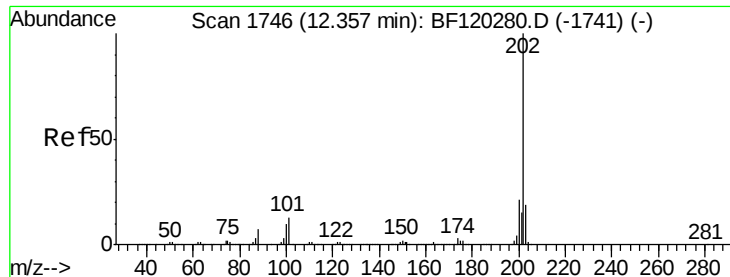


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.689 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampleId :

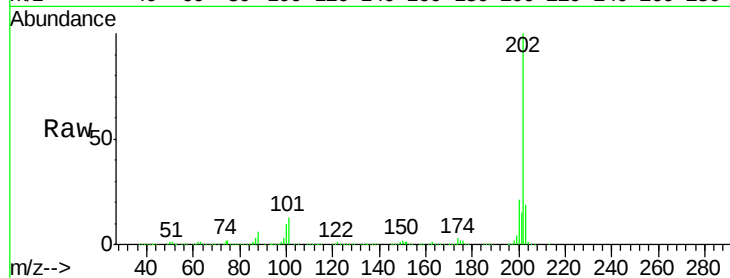
Tot Ion:202 Resp: 2052862

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.2

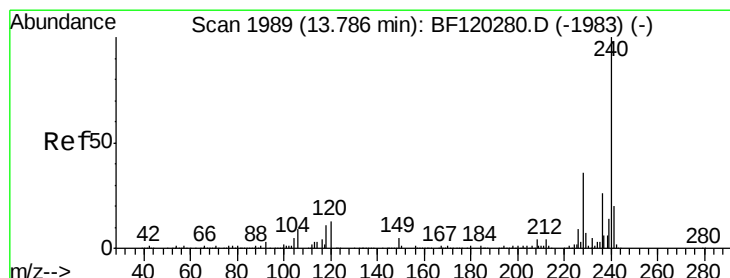
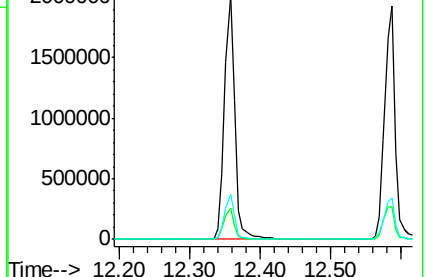
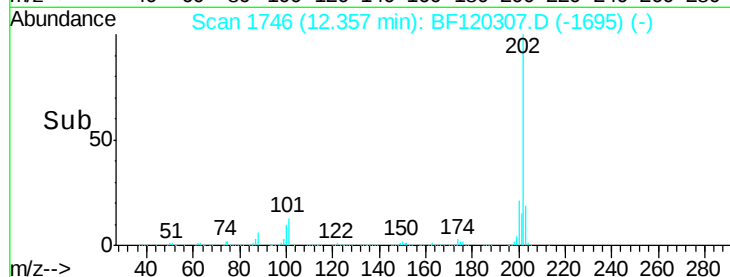
203 18.8 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

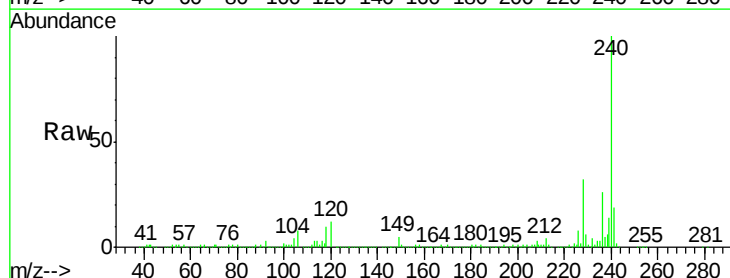
Tgt Ion:240 Resp: 701424

Ion Ratio Lower Upper

240 100

120 11.7 10.4 15.6

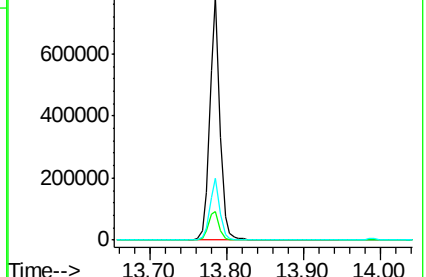
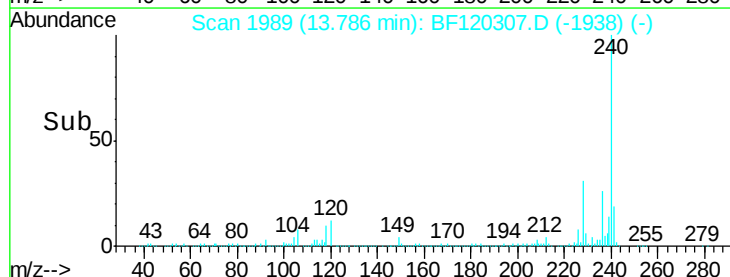
236 25.6 21.0 31.6

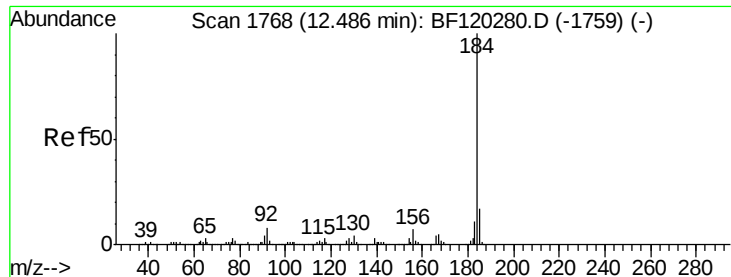


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.037 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampleId :

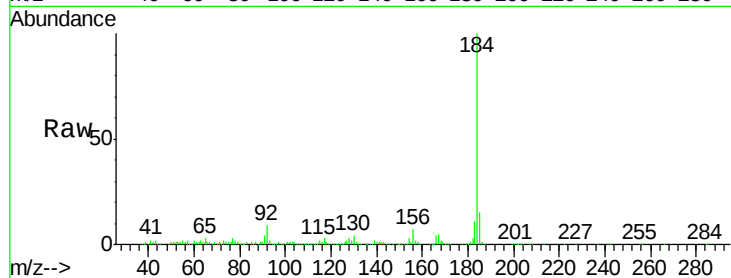
Tot Ion:184 Resp: 983938

Ion Ratio Lower Upper

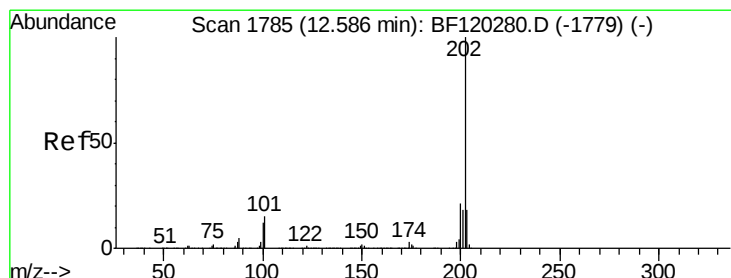
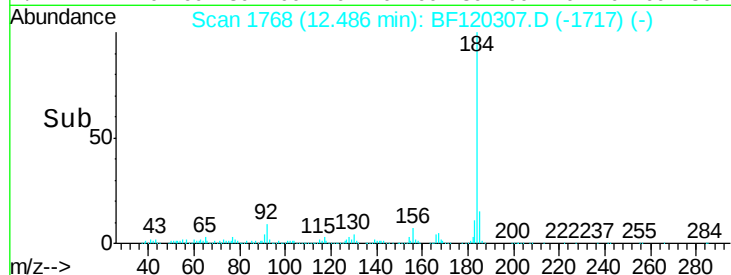
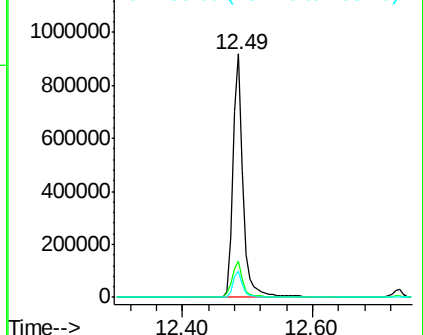
184 100

185 14.8 13.7 20.5

183 10.7 8.7 13.1



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: 40.511 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

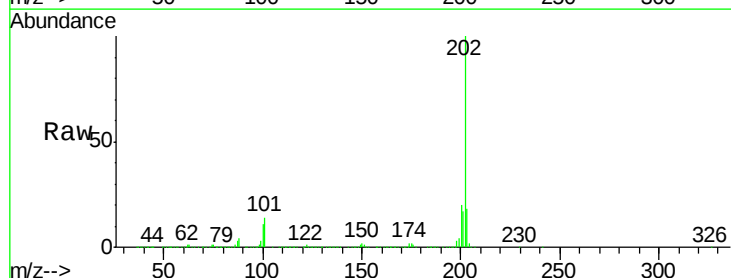
Tgt Ion:202 Resp: 2025757

Ion Ratio Lower Upper

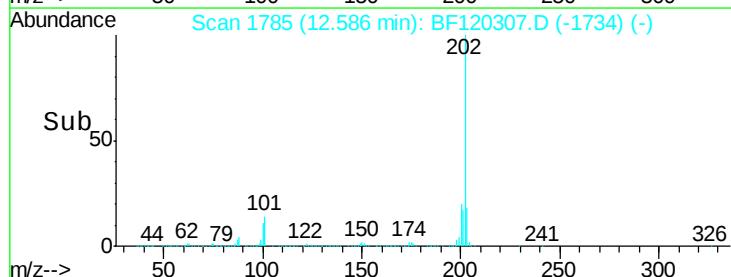
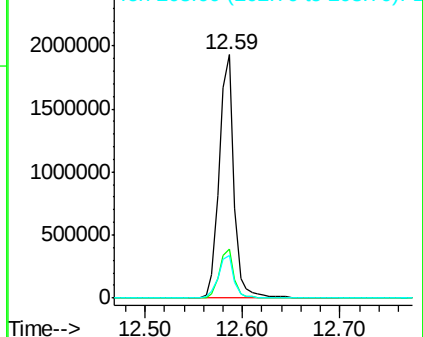
202 100

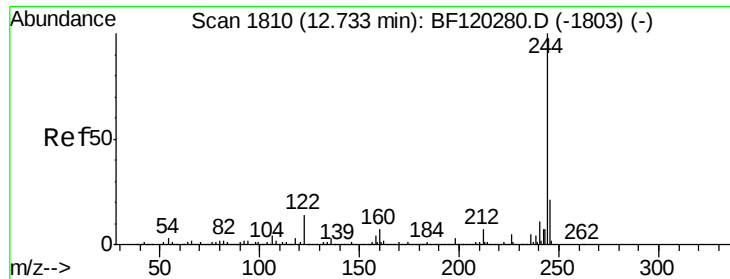
200 20.0 16.6 25.0

203 17.8 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

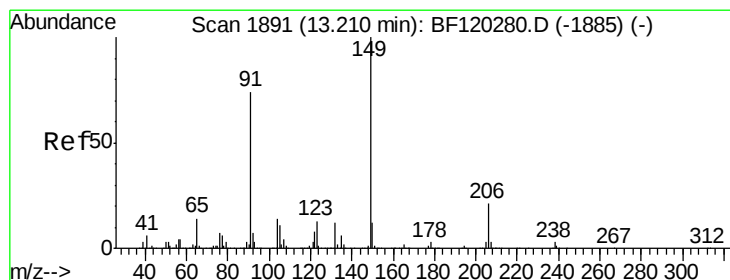
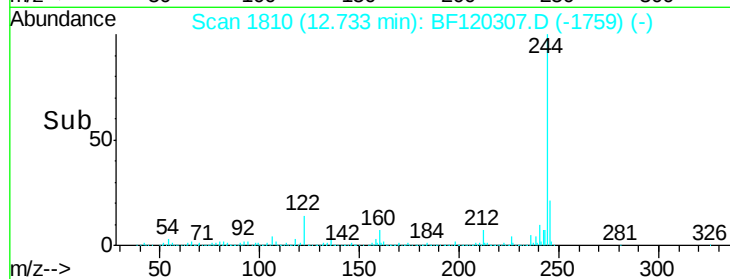
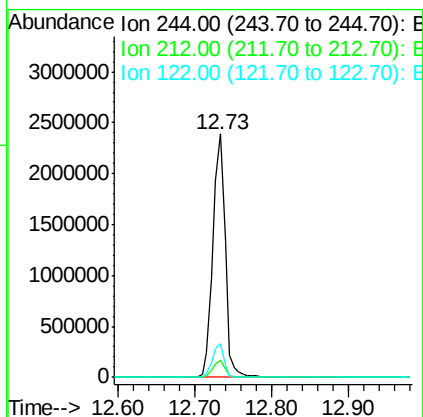
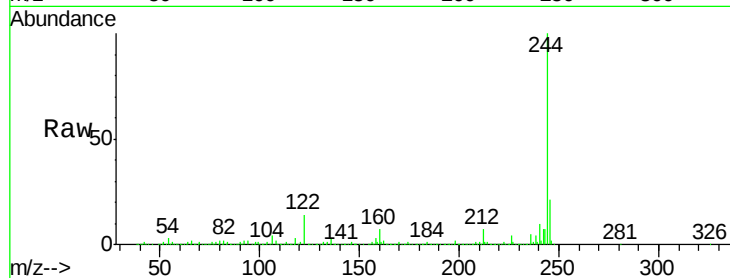




#79  
 Terphenyl-d14  
 Concen: 82.249 ng  
 RT: 12.73 min Scan# 1810  
 Delta R.T. -0.00 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

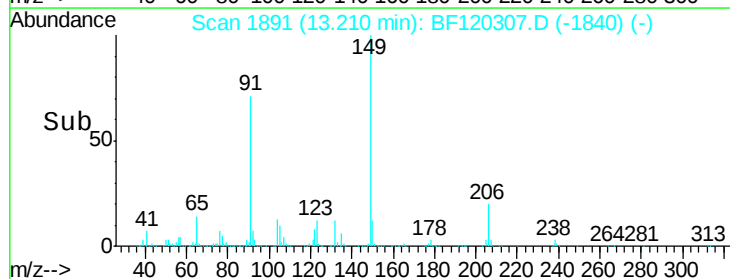
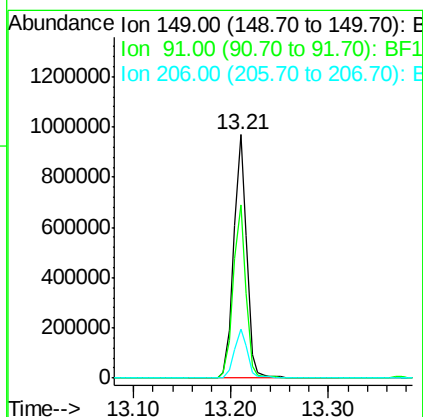
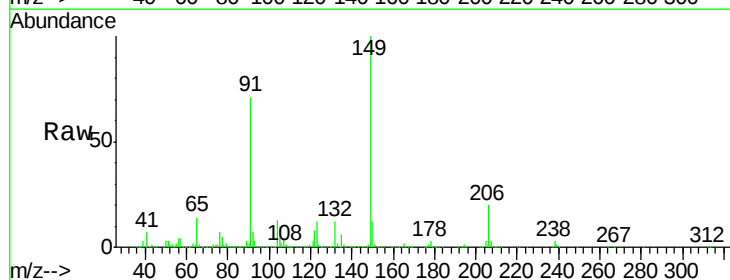
Instrument :  
 BNA\_F  
 ClientSampleId :

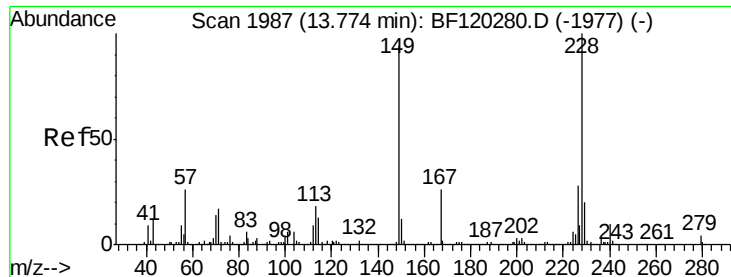
Tot Ion:244 Resp: 2611396  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.8 8.6  
 122 13.6 10.8 16.2



#80  
 Butylbenzylphthalate  
 Concen: 37.842 ng  
 RT: 13.21 min Scan# 1891  
 Delta R.T. -0.00 min  
 Lab File: BF120307.D  
 Acq: 14 May 2020 22:51

Tgt Ion:149 Resp: 891047  
 Ion Ratio Lower Upper  
 149 100  
 91 71.2 59.0 88.4  
 206 20.3 16.8 25.2





#81

Benzo(a)anthracene

Concen: 37.835 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampleId :

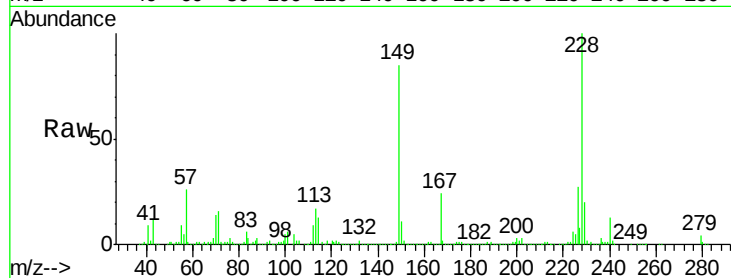
Tot Ion:228 Resp: 1399736

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

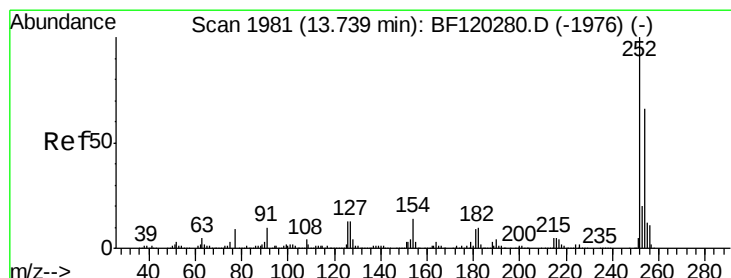
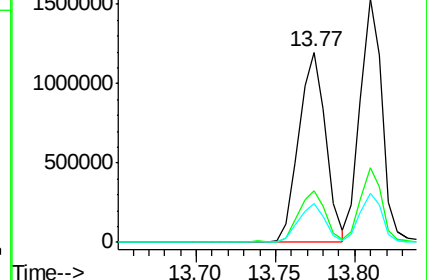
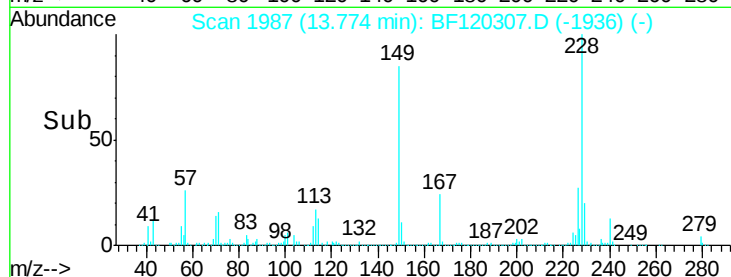
229 20.2 16.4 24.6



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: 28.672 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

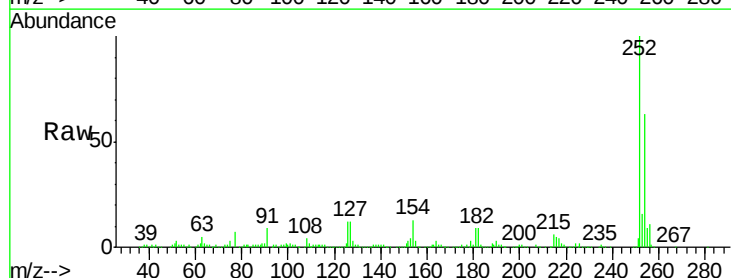
Tgt Ion:252 Resp: 399737

Ion Ratio Lower Upper

252 100

254 63.2 52.6 78.8

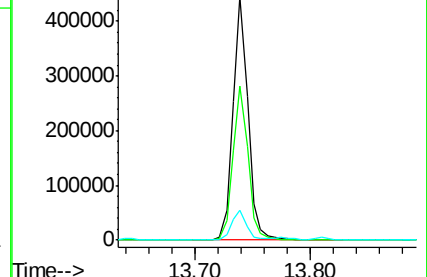
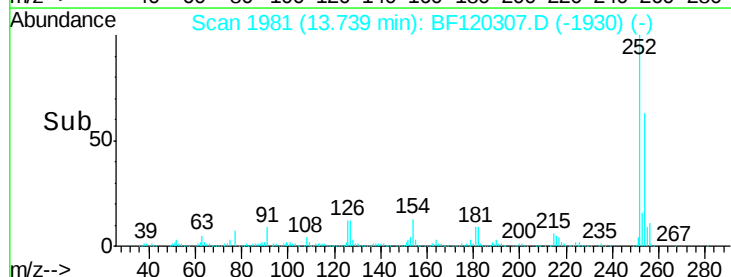
126 12.4 10.7 16.1

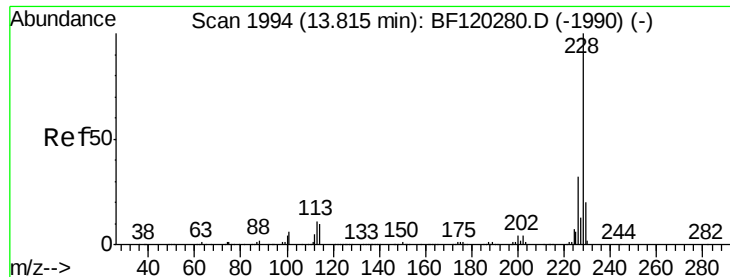


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 37.967 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampleId :

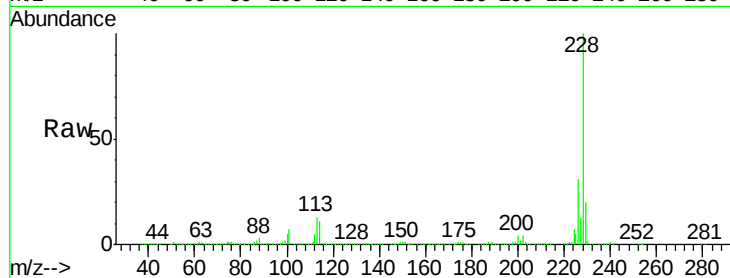
Tot Ion:228 Resp: 1508272

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

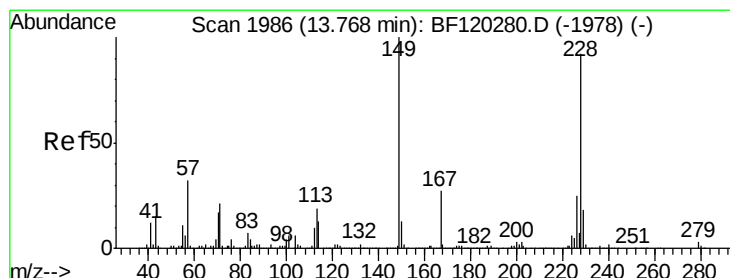
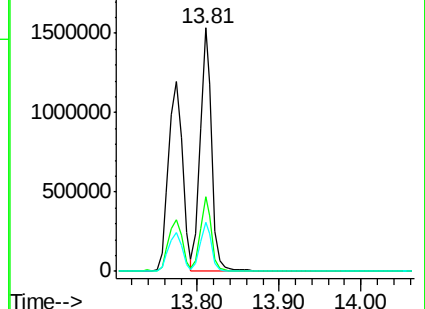
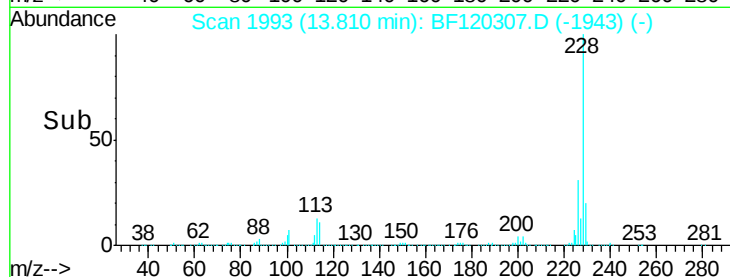
229 20.2 16.2 24.4



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: 37.163 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

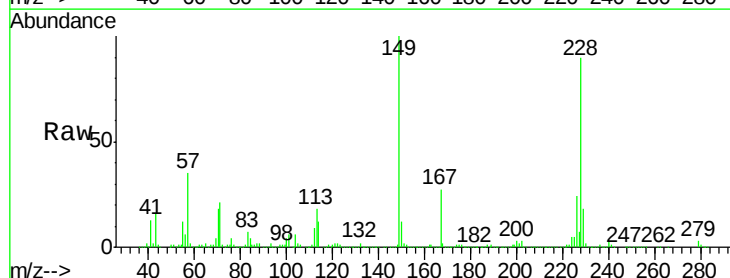
Tgt Ion:149 Resp: 1088719

Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

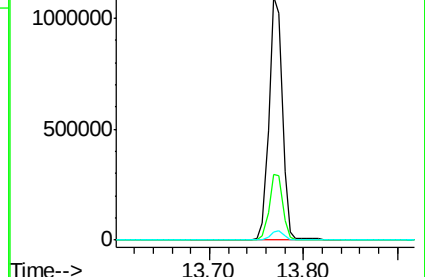
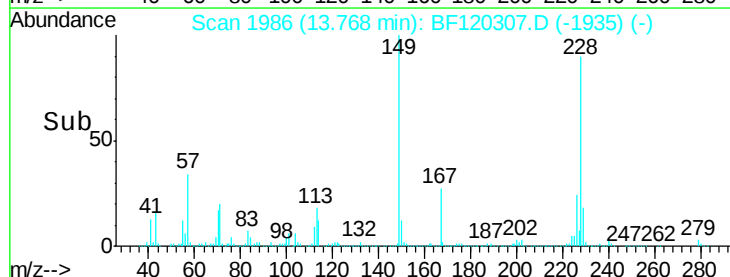
279 3.4 2.8 4.2

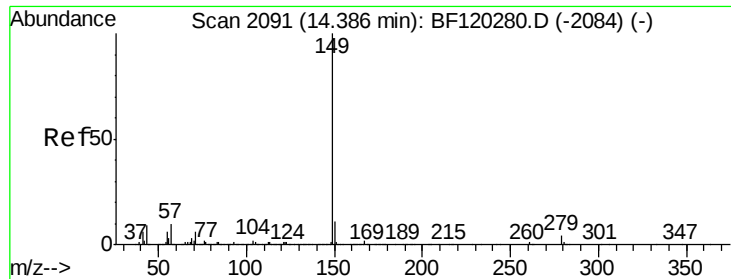


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 34.680 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA\_F

ClientSampleId :

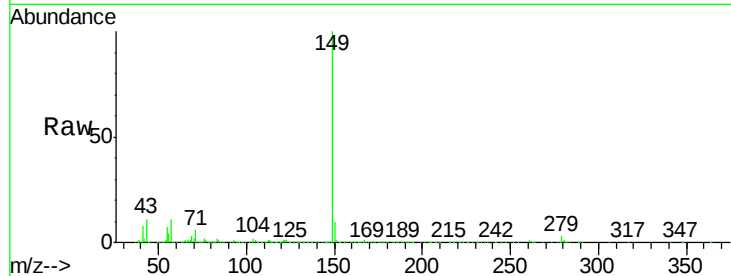
Tot Ion:149 Resp: 1827724

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

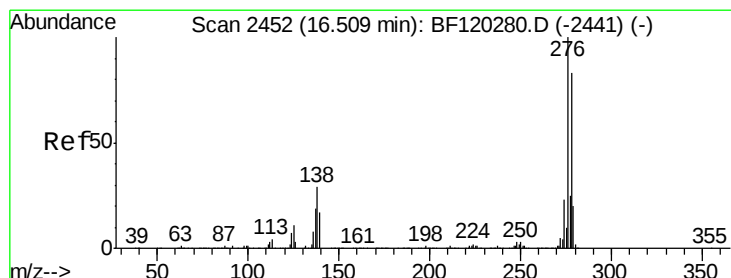
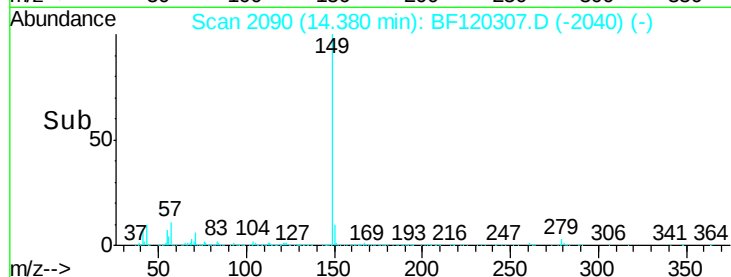
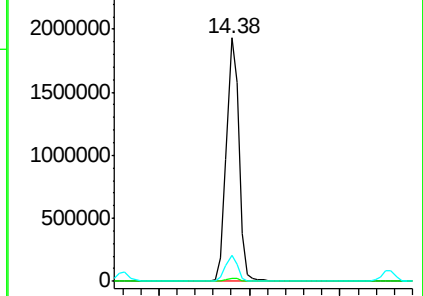
43 9.9 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.241 ng

RT: 16.51 min Scan# 2452

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

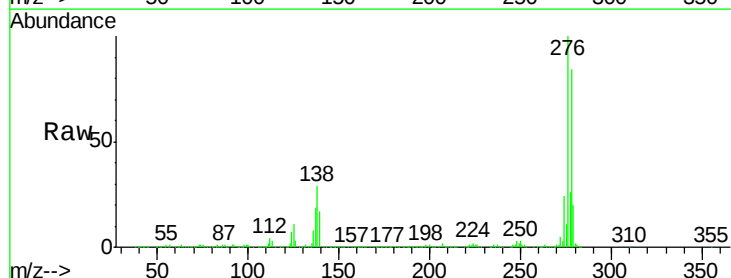
Tgt Ion:276 Resp: 1378795

Ion Ratio Lower Upper

276 100

138 28.8 23.3 34.9

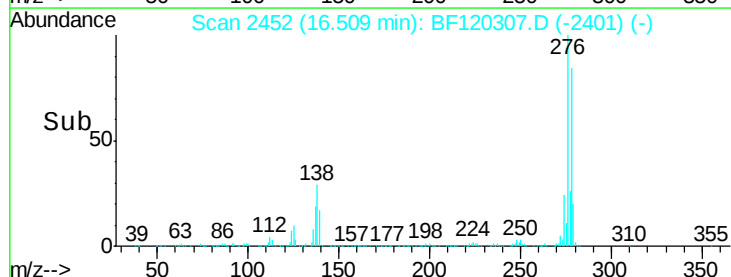
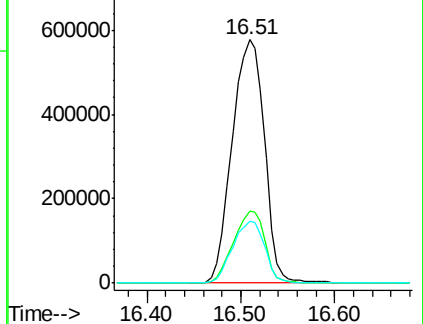
277 25.3 20.2 30.4

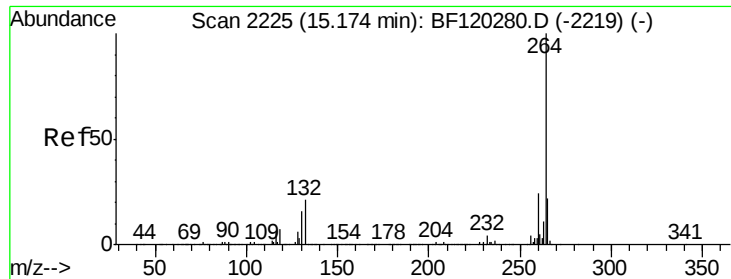


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

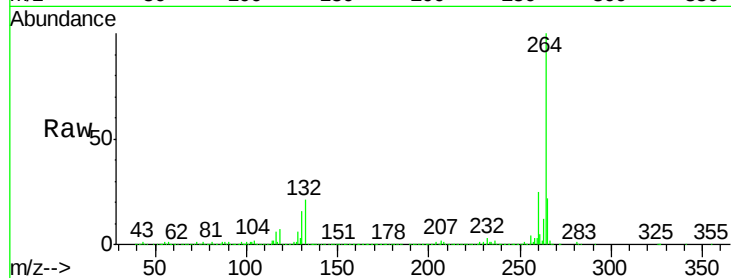




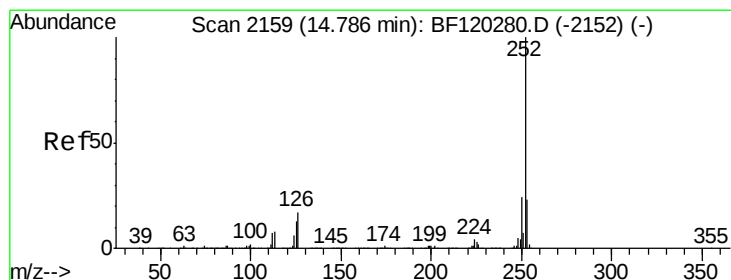
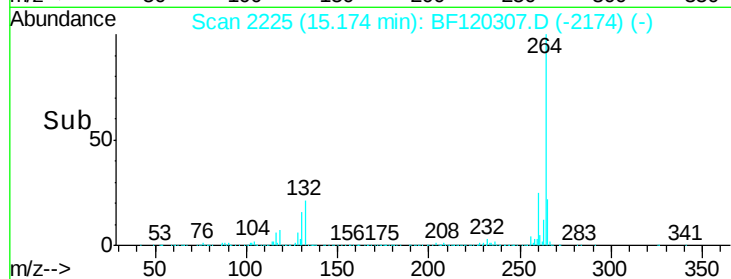
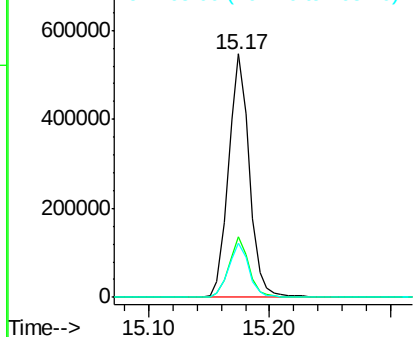
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.17 min Scan# 2225  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:264 Resp: 657288  
Ion Ratio Lower Upper  
264 100  
260 24.9 19.0 28.6  
265 22.2 17.5 26.3

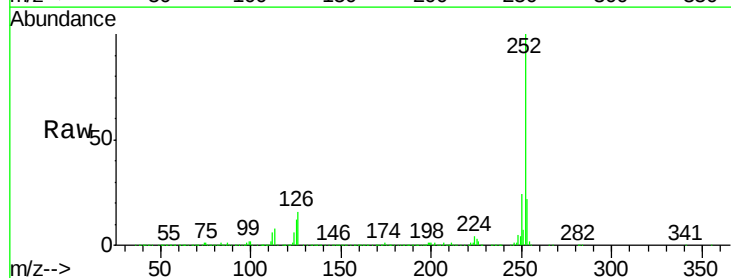


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

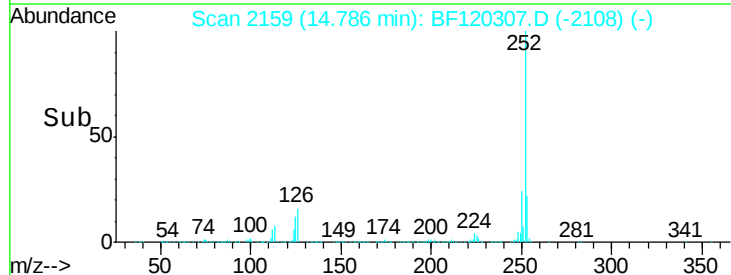
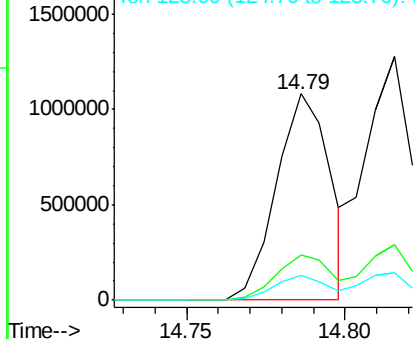


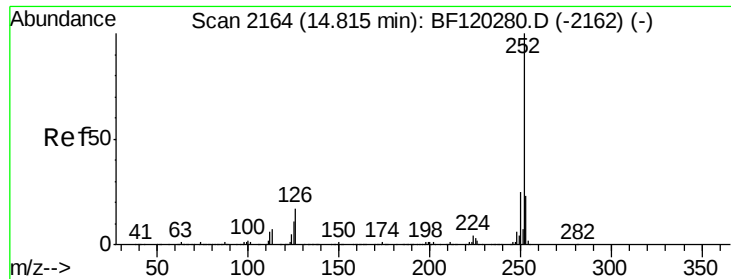
#88  
Benzo(b)fluoranthene  
Concen: 35.611 ng  
RT: 14.79 min Scan# 2159  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

Tgt Ion:252 Resp: 1278277  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.1 27.1  
125 12.1 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

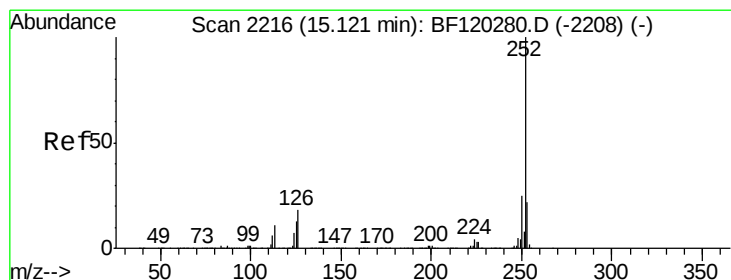
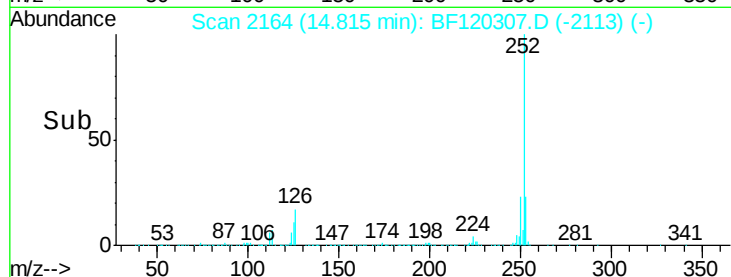
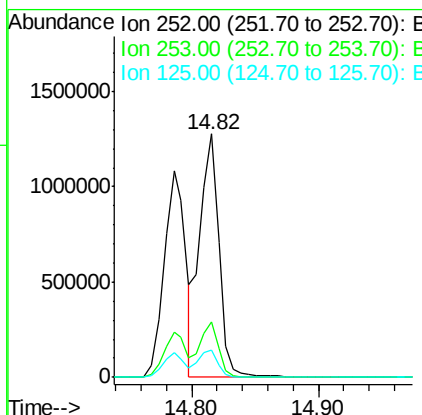
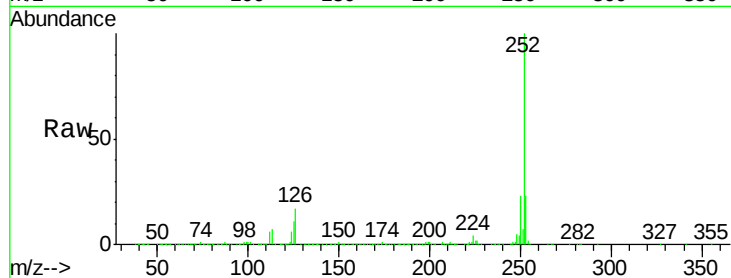




#89  
Benzo(k)fluoranthene  
Concen: 42.972 ng  
RT: 14.82 min Scan# 2164  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

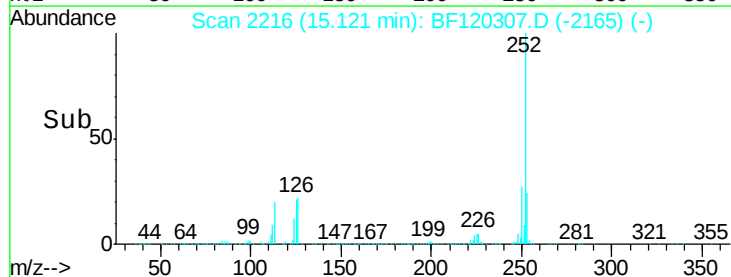
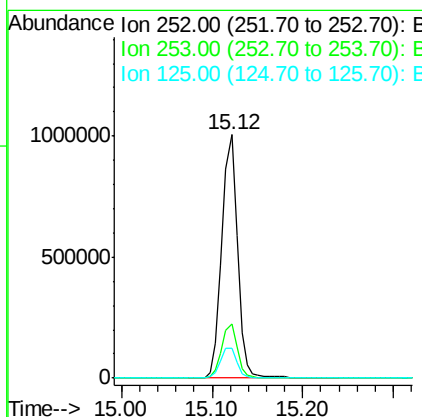
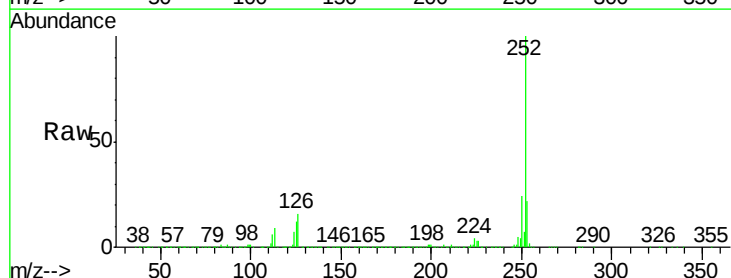
Instrument :  
BNA\_F  
ClientSampleId :

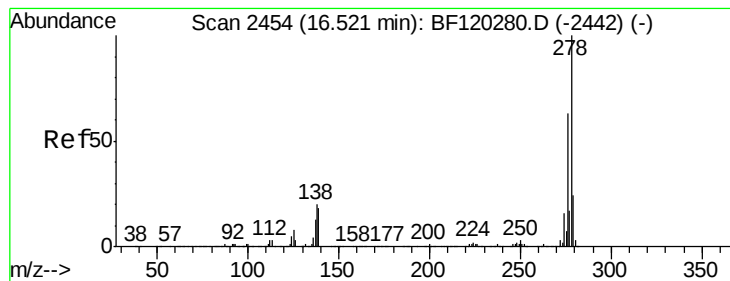
Tot Ion:252 Resp: 1336415  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.2 27.2  
125 11.4 9.9 14.9



#90  
Benzo(a)pyrene  
Concen: 37.288 ng  
RT: 15.12 min Scan# 2216  
Delta R.T. -0.00 min  
Lab File: BF120307.D  
Acq: 14 May 2020 22:51

Tgt Ion:252 Resp: 1200396  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 12.5 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 40.803 ng

RT: 16.52 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

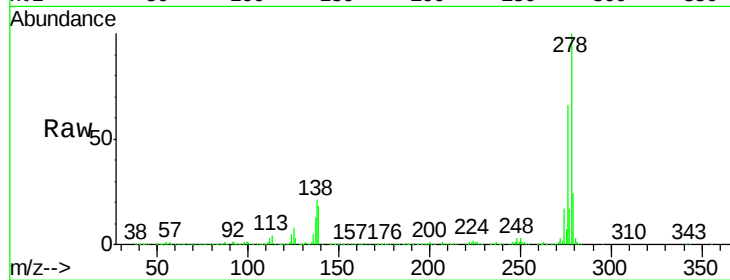
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:278 Resp: 1163686

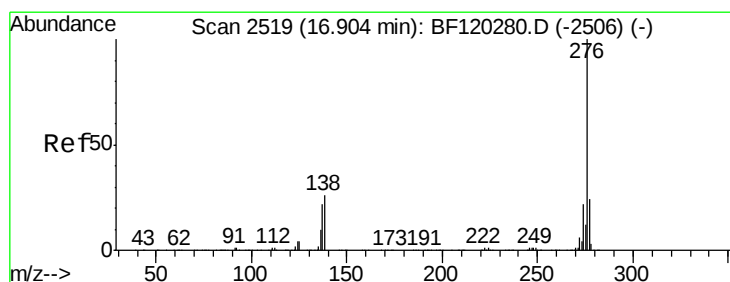
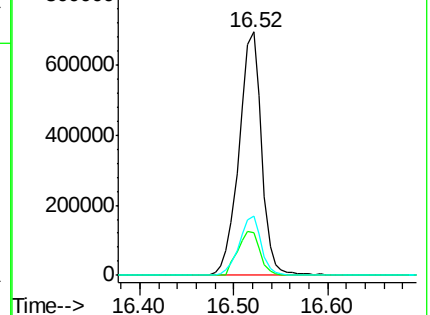
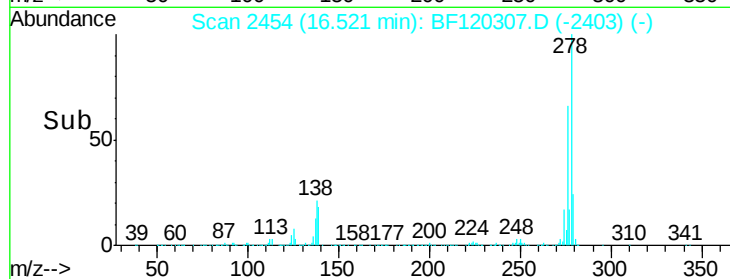
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 17.6  | 14.7  | 22.1  |
| 279 | 24.1  | 19.2  | 28.8  |



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: 37.605 ng

RT: 16.90 min Scan# 2519

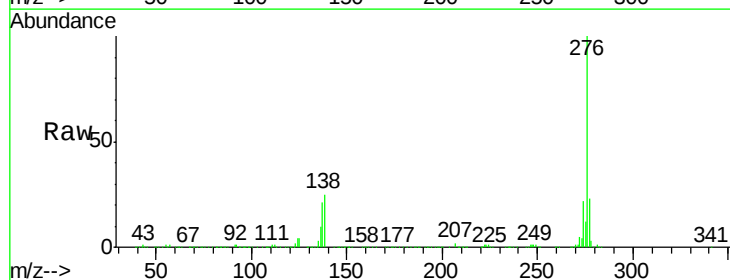
Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Tgt Ion:276 Resp: 1081487

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.5  | 19.1  | 28.7  |
| 138 | 24.8  | 20.8  | 31.2  |



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

