

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\  
 Data File : BF120348.D  
 Acq On : 18 May 2020 18:12  
 Operator : MA/SJ  
 Sample : L2665-03  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 19 00:21:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 18 15:23:07 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc      | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.60  | 152  | 5985     | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8             | 7.88  | 136  | 1362     | 20.00     | ng    | 0.00     |
| 39) Acenaphthene-d10           | 9.63  | 164  | 1517     | 20.00     | ng    | -0.02    |
| 64) Phenanthrene-d10           | 11.12 | 188  | 1940     | 20.00     | ng    | 0.00     |
| 76) Chrysene-d12               | 13.75 | 240  | 713      | 20.00     | ng    | -0.02    |
| 87) Perylene-d12               | 15.13 | 264  | 639      | 20.00     | ng    | -0.02    |
| System Monitoring Compounds    |       |      |          |           |       |          |
| 5) 2-Fluorophenol              | 5.21  | 112  | 1064636  | 3461.10   | ng    | 0.00     |
| 7) Phenol-d6                   | 6.26  | 99   | 802140   | 2062.11   | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.17  | 82   | 1607117  | 80788.33  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol       | 10.43 | 330  | 647769   | 52371.16  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl           | 8.97  | 172  | 3009064  | 40751.69  | ng    | 0.00     |
| 79) Terphenyl-d14              | 12.72 | 244  | 3086135  | 95623.17  | ng    | 0.00     |
| Target Compounds               |       |      |          |           |       |          |
|                                |       |      |          |           |       | Qvalue   |
| 2) 1,4-Dioxane                 | 2.21  | 88   | 1109     | 9.063     | ng    | # 25     |
| 3) Pyridine                    | 2.85  | 79   | 1620     | 4.212     | ng    | # 26     |
| 4) n-Nitrosodimethylamine      | 2.84  | 42   | 3957     | 26.273    | ng    | # 1      |
| 6) Aniline                     | 6.27  | 93   | 9024     | 18.140    | ng    | # 1      |
| 9) Benzaldehyde                | 6.15  | 77   | 26383    | 110.022   | ng    | # 1      |
| 10) Phenol                     | 6.27  | 94   | 13837    | 30.472    | ng    | # 1      |
| 11) bis(2-Chloroethyl)ether    | 6.39  | 93   | 4270     | 11.772    | ng    | # 82     |
| 12) 1,3-Dichlorobenzene        | 6.53  | 146  | 2389     | 6.225     | ng    | # 1      |
| 13) 1,4-Dichlorobenzene        | 6.63  | 146  | 1229     | 3.109     | ng    | # 1      |
| 14) 1,2-Dichlorobenzene        | 6.77  | 146  | 2005     | 5.633     | ng    | # 28     |
| 15) Benzyl Alcohol             | 6.76  | 79   | 32509    | 117.637   | ng    | # 51     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.83  | 45   | 21680    | 37.927    | ng    | # 87     |
| 17) 2-Methylphenol             | 6.87  | 107  | 835      | 2.758     | ng    | # 1      |
| 18) Hexachloroethane           | 7.09  | 117  | 8021     | 53.268    | ng    | # 1      |
| 19) n-Nitroso-di-n-propylamine | 7.17  | 70   | 204264   | 801.541   | ng    | # 81     |
| 20) 3+4-Methylphenols          | 7.05  | 107  | 8435     | 21.428    | ng    | # 64     |
| 22) Acetophenone               | 7.00  | 105  | 136396   | 4888.372  | ng    | # 66     |
| 24) Nitrobenzene               | 7.17  | 77   | 22400    | 1046.283  | ng    | # 4      |
| 25) Isophorone                 | 7.17  | 82   | 1599904  | 38653.376 | ng    | # 65     |
| 26) 2-Nitrophenol              | 7.50  | 139  | 408      | 36.439    | ng    | # 1      |
| 27) 2,4-Dimethylphenol         | 7.56  | 122  | 7956     | 488.462   | ng    | # 1      |
| 28) bis(2-Chloroethoxy)methane | 7.63  | 93   | 14044    | 539.817   | ng    | # 16     |
| 29) 2,4-Dichlorophenol         | 7.74  | 162  | 1348     | 80.582    | ng    | # 10     |
| 30) 1,2,4-Trichlorobenzene     | 8.08  | 180  | 126      | 6.797     | ng    | # 1      |
| 31) Naphthalene                | 7.91  | 128  | 1221480  | 21249.524 | ng    | # 97     |
| 32) Benzoic acid               | 7.70  | 122  | 48800    | 4570.879  | ng    | # 15     |
| 33) 4-Chloroaniline            | 7.90  | 127  | 174271   | 6652.508  | ng    | # 28     |
| 35) Caprolactam                | 8.35  | 113  | 2631     | 480.745   | ng    | # 1      |
| 36) 4-Chloro-3-methylphenol    | 8.47  | 107  | 10270    | 567.513   | ng    | # 36     |
| 37) 2-Methylnaphthalene        | 8.60  | 142  | 1021368  | 25964.625 | ng    | # 98     |
| 38) 1-Methylnaphthalene        | 8.70  | 142  | 946176   | 24800.042 | ng    | # 98     |
| 43) 2,4,6-Trichlorophenol      | 8.96  | 196  | 110      | 4.284     | ng    | # 12     |
| 44) 2,4,5-Trichlorophenol      | 8.96  | 196  | 110      | 3.730     | ng    | # 1      |
| 46) 1,1'-Biphenyl              | 9.07  | 154  | 18584    | 186.970   | ng    | # 91     |

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 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

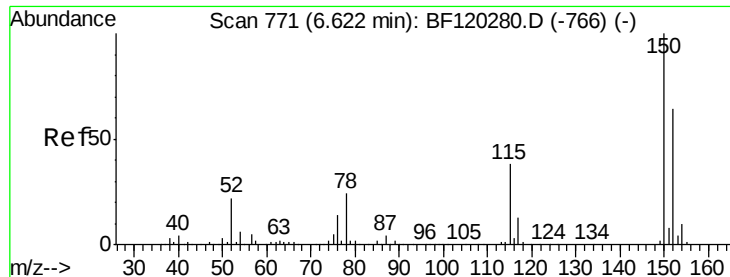
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 19 00:21:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 18 15:23:07 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 47) 2-Chloronaphthalene        | 9.34  | 162  | 10625    | 133.262  | nq    | 89       |
| 48) 2-Nitroaniline             | 9.16  | 65   | 5365     | 184.424  | nq    | # 39     |
| 49) Acenaphthylene             | 9.50  | 152  | 21675    | 177.969  | nq    | # 1      |
| 50) Dimethylphthalate          | 9.36  | 163  | 343535   | 3582.365 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 9.40  | 165  | 761      | 35.556   | nq    | # 1      |
| 52) Acenaphthene               | 9.67  | 154  | 69846    | 956.758  | nq    | 97       |
| 53) 3-Nitroaniline             | 9.57  | 138  | 12732    | 498.834  | nq    | # 11     |
| 54) 2,4-Dinitrophenol          | 9.69  | 184  | 650      | 64.338   | nq    | # 1      |
| 55) Dibenzofuran               | 9.85  | 168  | 88151    | 838.511  | nq    | # 78     |
| 56) 4-Nitrophenol              | 9.79  | 139  | 1798     | 131.103  | nq    | # 4      |
| 57) 2,4-Dinitrotoluene         | 9.82  | 165  | 2685     | 106.943  | nq    | # 44     |
| 58) Fluorene                   | 10.19 | 166  | 121851   | 1521.947 | nq    | # 98     |
| 59) 2,3,4,6-Tetrachlorophenol  | 9.97  | 232  | 975      | 43.937   | nq    | # 1      |
| 60) Diethylphthalate           | 10.08 | 149  | 10794    | 116.590  | nq    | # 26     |
| 61) 4-Chlorophenyl-phenylether | 10.14 | 204  | 330      | 7.928    | nq    | # 1      |
| 62) 4-Nitroaniline             | 10.37 | 138  | 4952     | 208.356  | nq    | 76       |
| 63) Azobenzene                 | 10.35 | 77   | 9350     | 106.858  | nq    | # 3      |
| 65) 4,6-Dinitro-2-methylphenol | 10.26 | 198  | 4655     | 474.456  | nq    | # 1      |
| 66) n-Nitrosodiphenylamine     | 10.30 | 169  | 19162    | 357.021  | nq    | # 85     |
| 67) 4-Bromophenyl-phenylether  | 10.43 | 248  | 40467    | 2149.605 | nq    | # 1      |
| 69) Atrazine                   | 10.83 | 200  | 953      | 59.340   | nq    | # 1      |
| 70) Pentachlorophenol          | 10.94 | 266  | 5190     | 619.608  | nq    | 94       |
| 71) Phenanthrene               | 11.15 | 178  | 370686   | 4547.237 | nq    | 100      |
| 72) Anthracene                 | 11.15 | 178  | 369024   | 4228.556 | nq    | 100      |
| 73) Carbazole                  | 11.36 | 167  | 76628    | 939.755  | nq    | 97       |
| 74) Di-n-butylphthalate        | 11.70 | 149  | 10611    | 107.977  | nq    | # 57     |
| 75) Fluoranthene               | 12.35 | 202  | 25083    | 287.074  | nq    | 95       |
| 77) Benzidine                  | 12.72 | 184  | 34945    | 1678.368 | nq    | 95       |
| 78) Pvrene                     | 12.57 | 202  | 35967    | 707.593  | nq    | 96       |
| 80) Butylbenzylphthalate       | 13.16 | 149  | 803      | 33.549   | nq    | # 20     |
| 81) Benzo(a)anthracene         | 13.75 | 228  | 5325     | 141.599  | nq    | # 48     |
| 82) 3,3'-Dichlorobenzidine     | 13.72 | 252  | 2192     | 154.675  | nq    | # 85     |
| 83) Chrysene                   | 13.75 | 228  | 5325     | 131.867  | nq    | # 53     |
| 84) Bis(2-ethylhexyl)phthalate | 13.75 | 149  | 7848     | 263.542  | nq    | # 85     |
| 85) Di-n-octyl phthalate       | 14.35 | 149  | 301      | 5.619    | nq    | # 77     |
| 86) Indeno(1,2,3-cd)pyrene     | 16.43 | 276  | 112      | 3.056    | nq    | # 48     |
| 88) Benzo(b)fluoranthene       | 14.74 | 252  | 450      | 12.895   | nq    | # 1      |
| 89) Benzo(k)fluoranthene       | 14.79 | 252  | 442      | 14.619   | nq    | # 1      |
| 90) Benzo(a)pyrene             | 15.09 | 252  | 2032     | 64.927   | nq    | # 1      |
| 91) Dibenzo(a,h)anthracene     | 16.67 | 278  | 107      | 3.859    | nq    | # 1      |
| 92) Benzo(g,h,i)perylene       | 16.74 | 276  | 125      | 4.471    | nq    | # 50     |

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



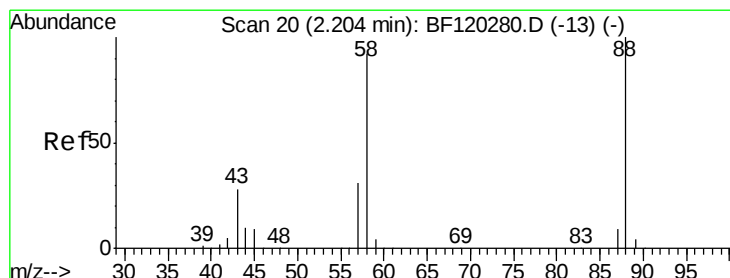
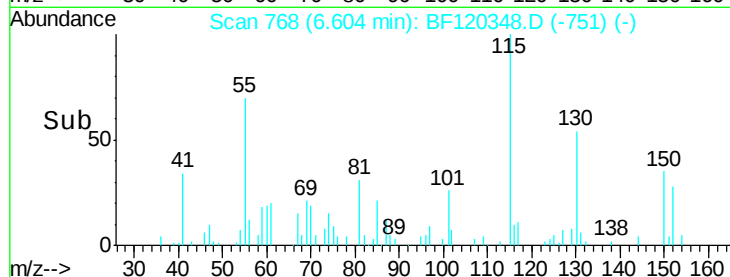
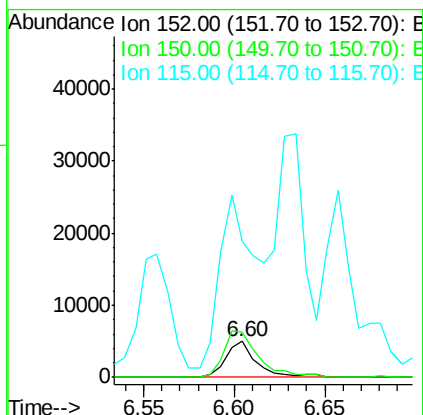
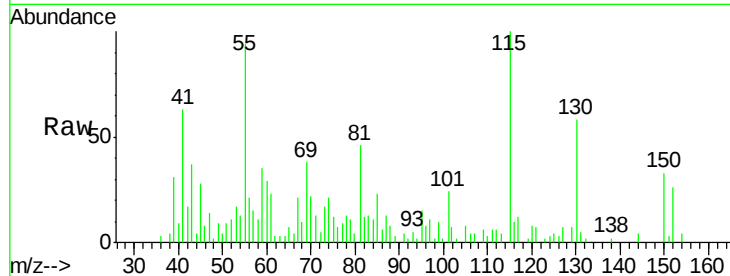


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.60 min Scan# 768  
Delta R.T. -0.00 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

Instrument :  
BNA\_F  
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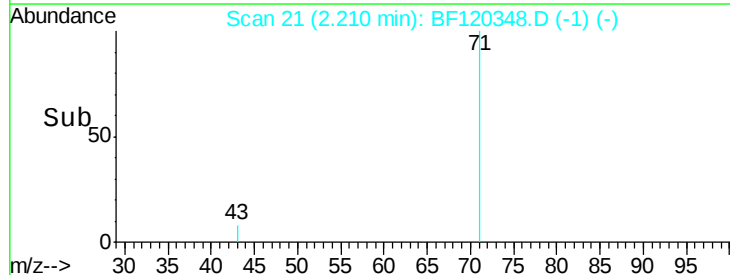
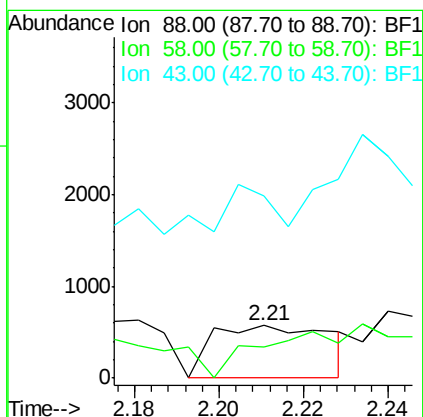
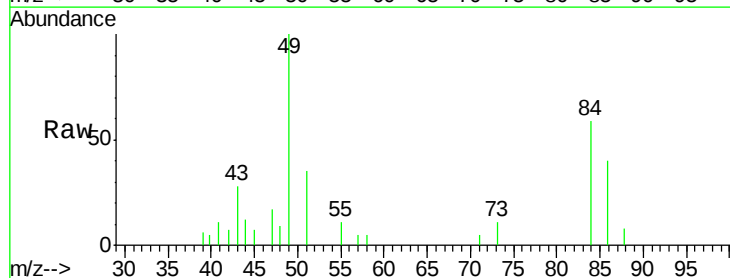
Tot Ion:152 Resp: 5985  
Ion Ratio Lower Upper  
152 100  
150 124.5 126.2 189.2#  
115 381.4 47.9 71.9#

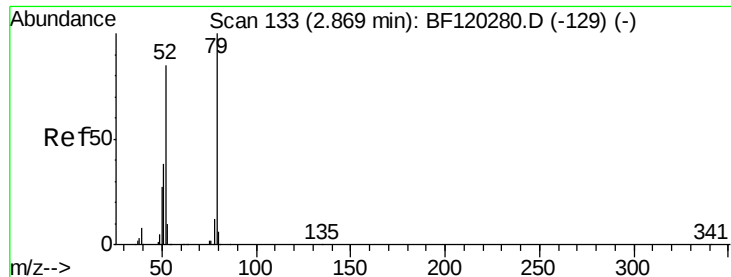


#2

1,4-Dioxane  
Concen: 9.063 ng  
RT: 2.21 min Scan# 21  
Delta R.T. 0.01 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

Tgt Ion: 88 Resp: 1109  
Ion Ratio Lower Upper  
88 100  
58 0.0 75.8 113.6#  
43 31.0 23.6 35.4





#3

Pvridine

Concen: 4.212 ng

RT: 2.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampleId :

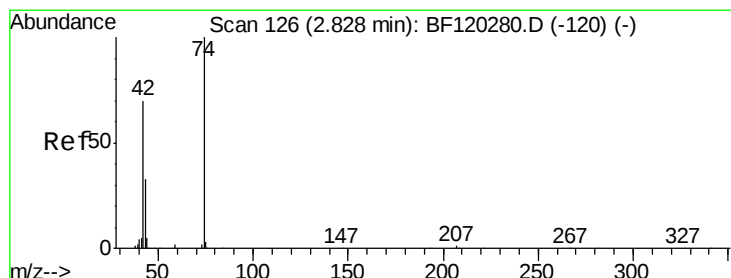
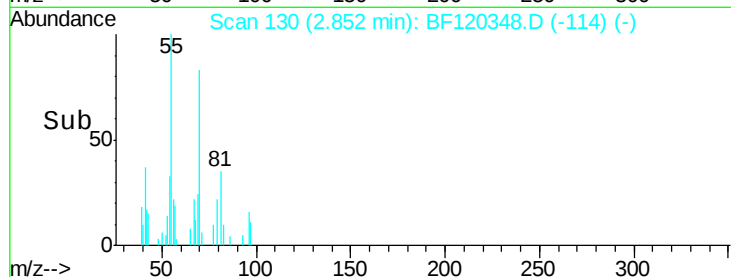
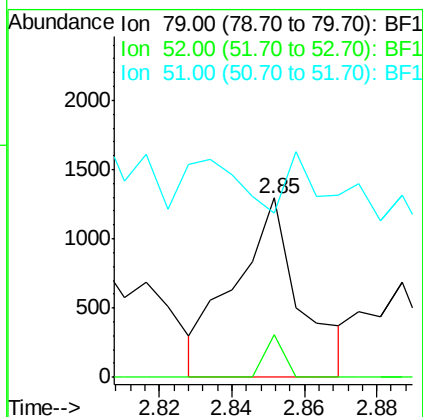
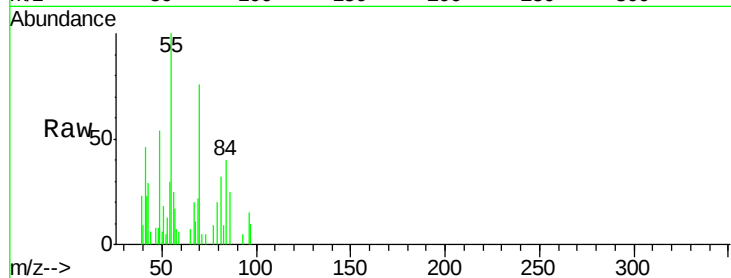
Tot Ion: 79 Resp: 1620

Ion Ratio Lower Upper

79 100

52 23.5 68.4 102.6#

51 91.6 31.0 46.4#



#4

n-Nitrosodimethylamine

Concen: 26.273 ng

RT: 2.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

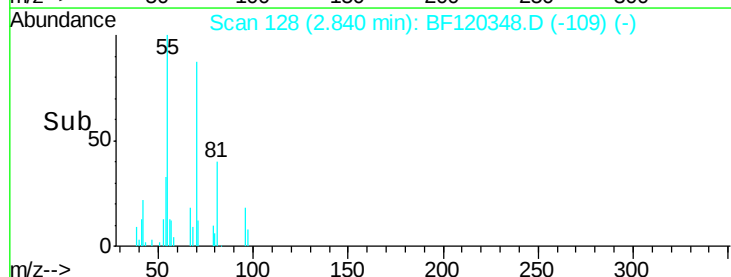
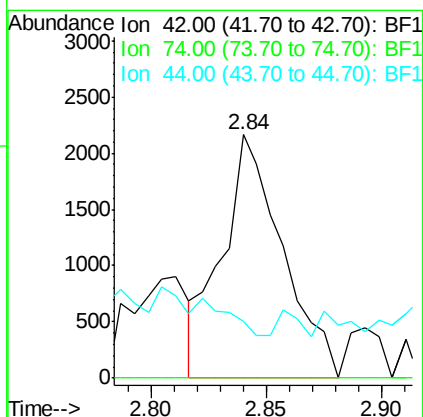
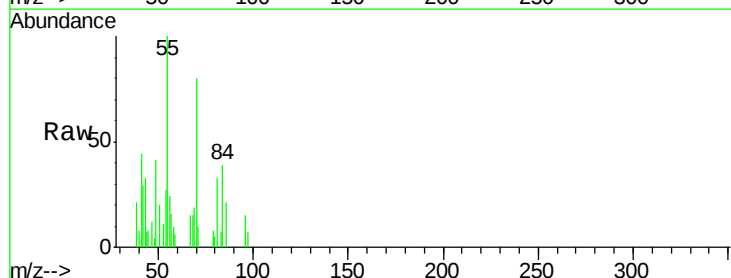
Tgt Ion: 42 Resp: 3957

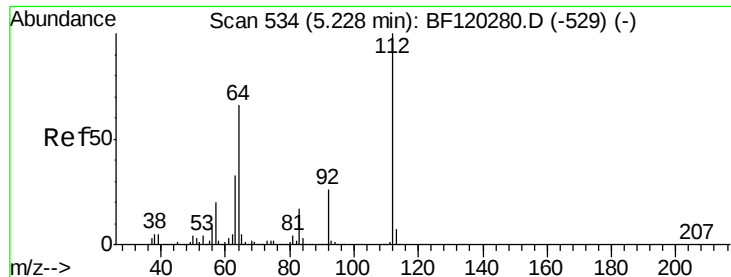
Ion Ratio Lower Upper

42 100

74 0.0 114.8 172.2#

44 23.3 5.6 8.4#





#5

2-Fluorophenol

Concen: 3461.098 ng

RT: 5.21 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampleId :

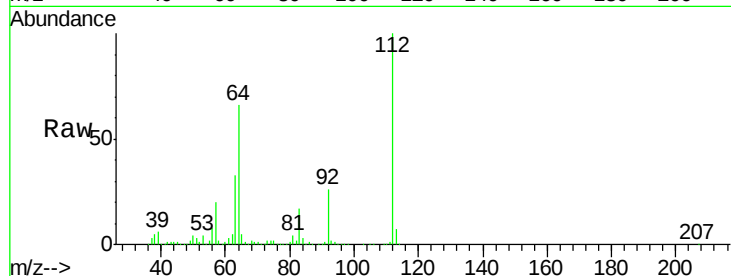
Tot Ion:112 Resp: 1064636

Ion Ratio Lower Upper

112 100

64 65.7 52.7 79.1

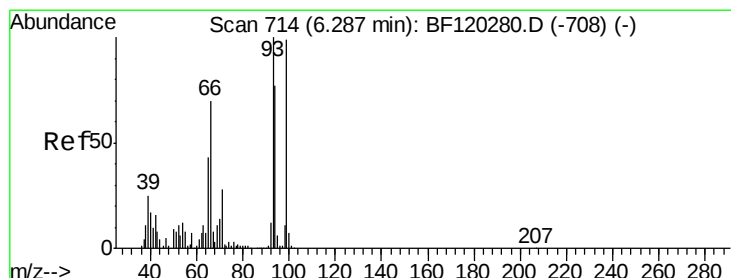
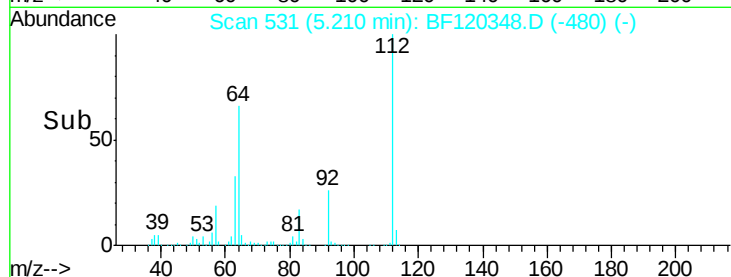
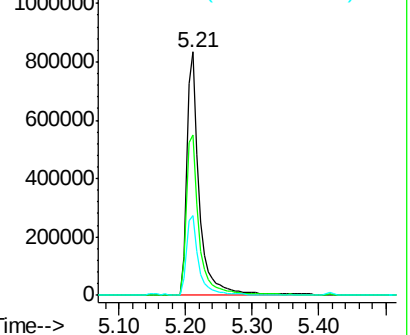
63 32.9 26.2 39.4



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: 18.140 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

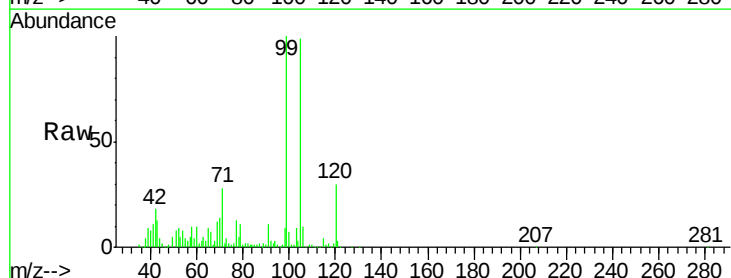
Tgt Ion: 93 Resp: 9024

Ion Ratio Lower Upper

93 100

66 406.8 56.2 84.4#

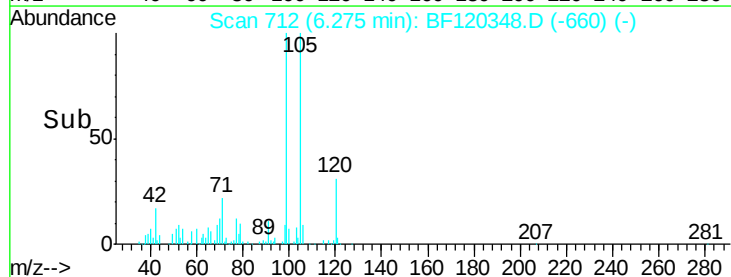
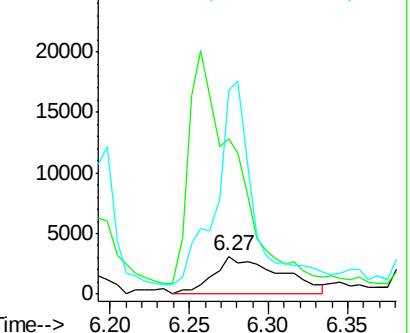
65 534.9 34.2 51.2#

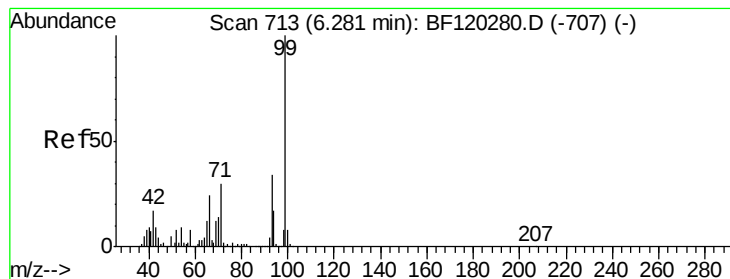


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 2062.113 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampleId :

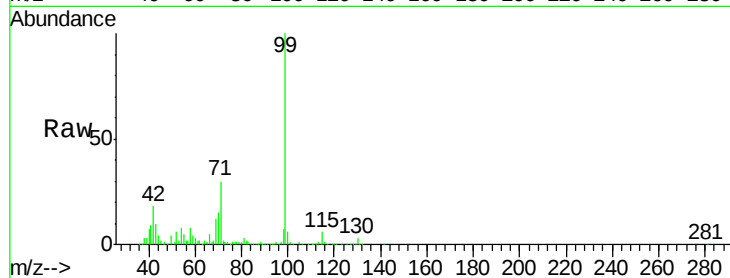
Tot Ion: 99 Resp: 802140

Ion Ratio Lower Upper

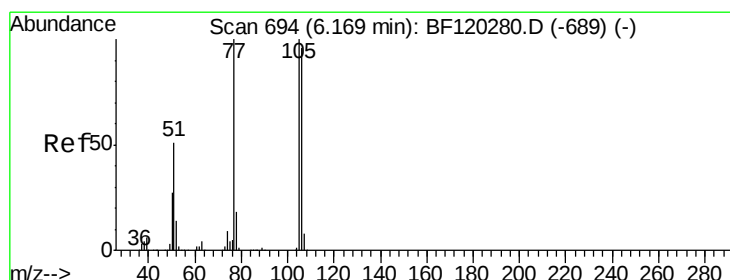
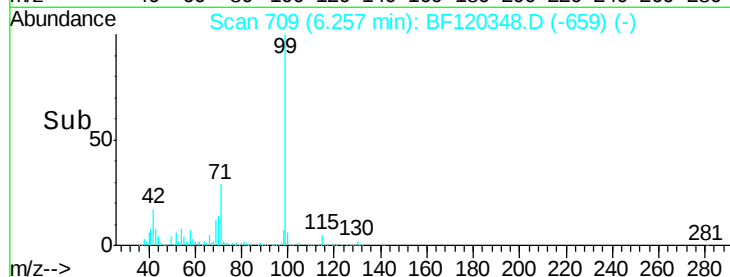
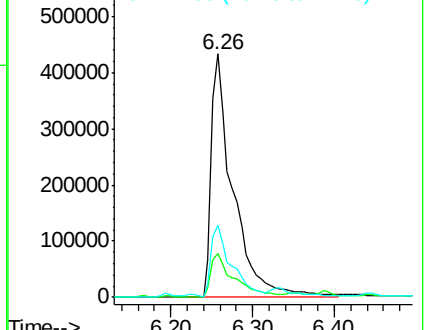
99 100

42 17.8 13.6 20.4

71 29.6 24.2 36.4



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



#9

Benzaldehyde

Concen: 110.022 ng

RT: 6.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

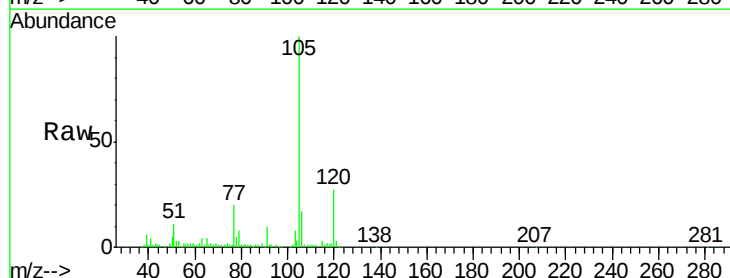
Tgt Ion: 77 Resp: 26383

Ion Ratio Lower Upper

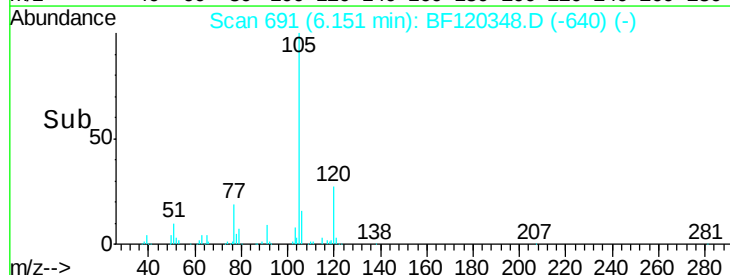
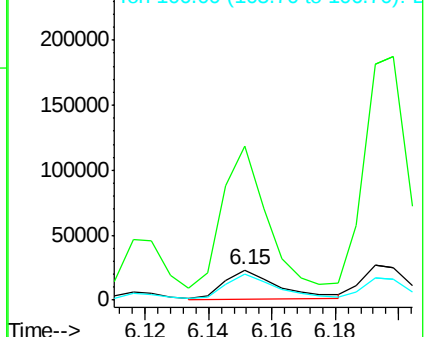
77 100

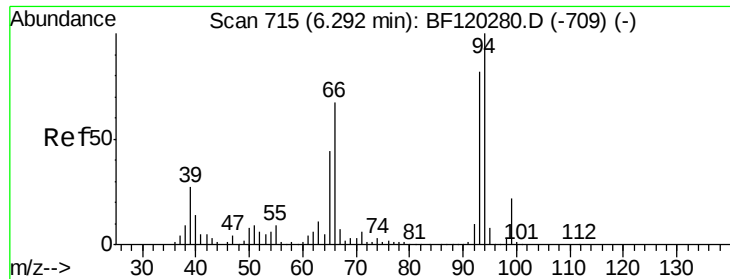
105 506.0 79.9 119.9#

106 83.5 75.7 115.7



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





#10

Phenol

Concen: 30.472 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampled :

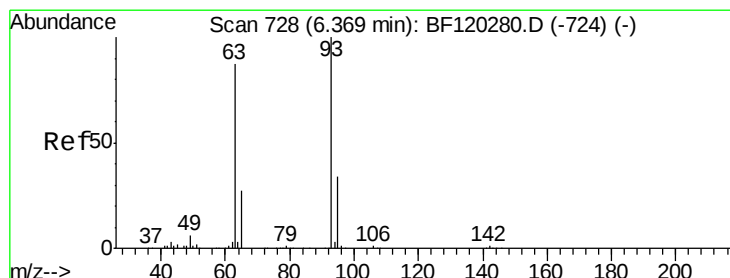
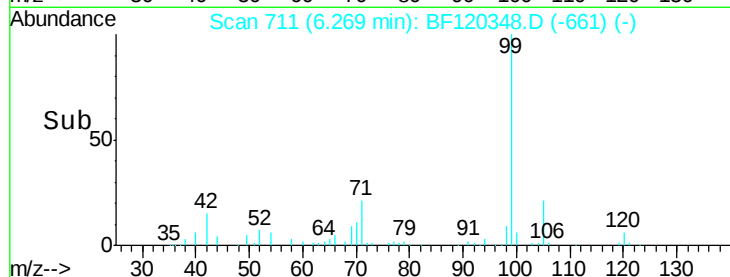
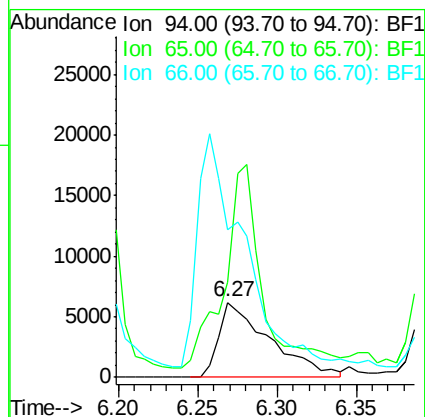
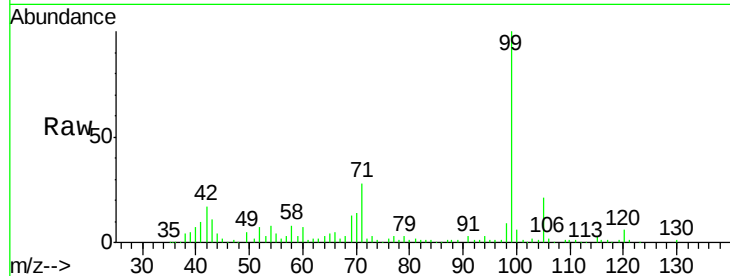
Tot Ion: 94 Resp: 13837

Ion Ratio Lower Upper

94 100

65 127.7 24.1 64.1#

66 197.7 47.5 87.5#



#11

bis(2-Chloroethyl)ether

Concen: 11.772 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.04 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

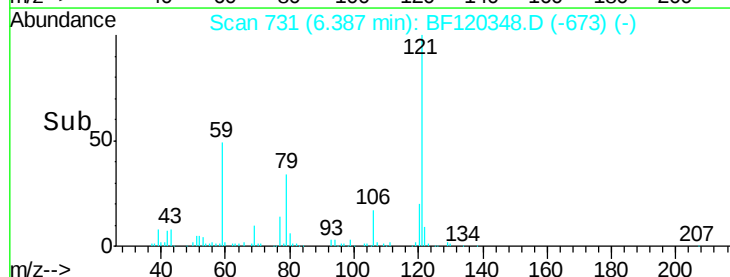
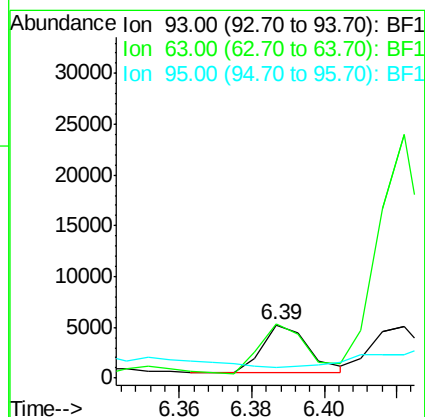
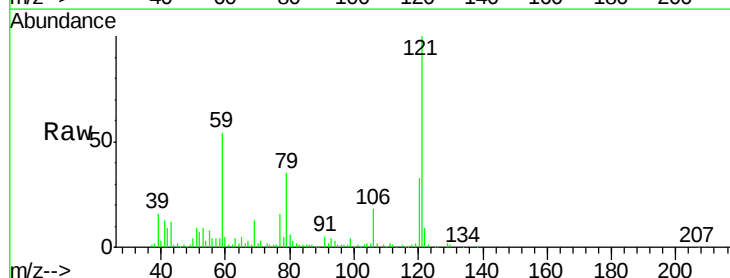
Tgt Ion: 93 Resp: 4270

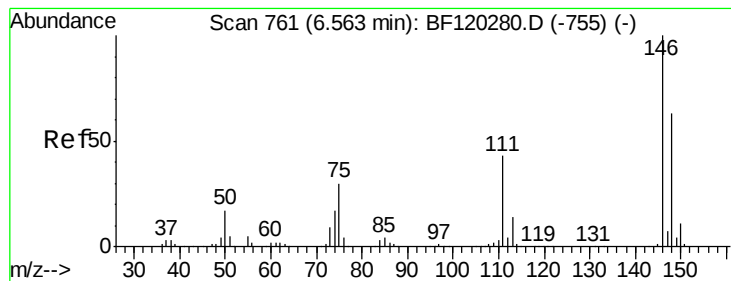
Ion Ratio Lower Upper

93 100

63 101.4 65.4 105.4

95 21.2 12.9 52.9





#12

1,3-Dichlorobenzene

Concen: 6.225 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampled :

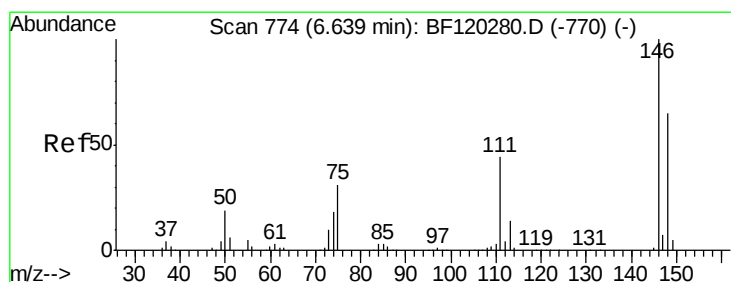
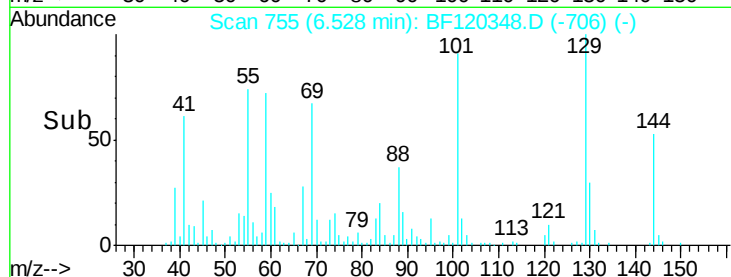
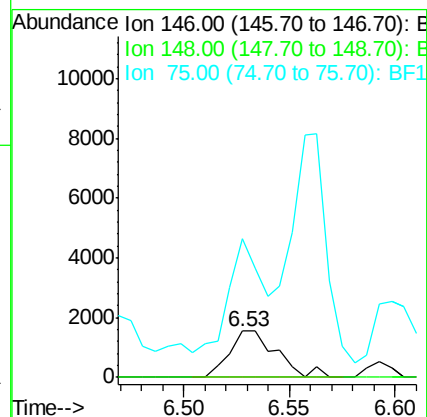
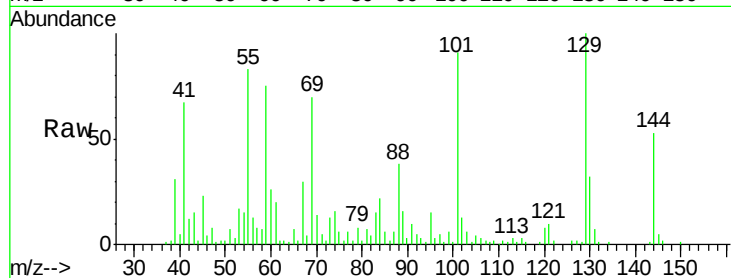
Tot Ion:146 Resp: 2389

Ion Ratio Lower Upper

146 100

148 0.0 50.5 75.7#

75 298.5 24.2 36.4#



#13

1,4-Dichlorobenzene

Concen: 3.109 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

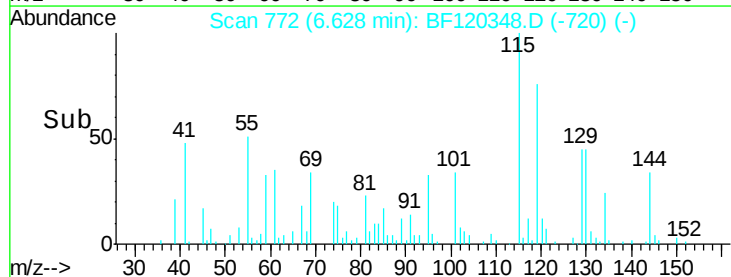
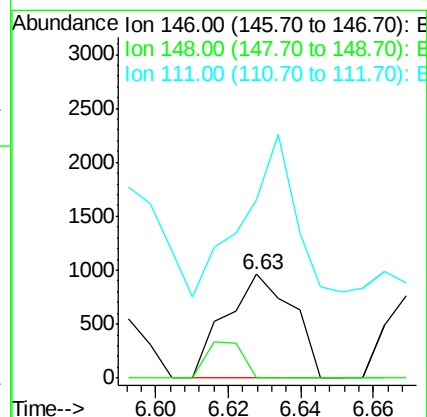
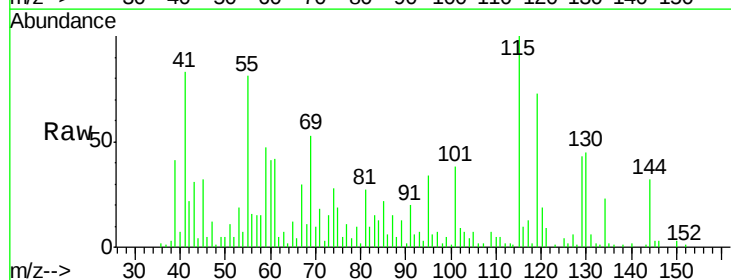
Tgt Ion:146 Resp: 1229

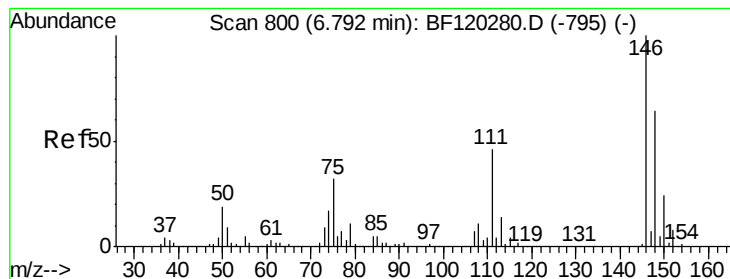
Ion Ratio Lower Upper

146 100

148 0.0 51.6 77.4#

111 171.8 35.1 52.7#

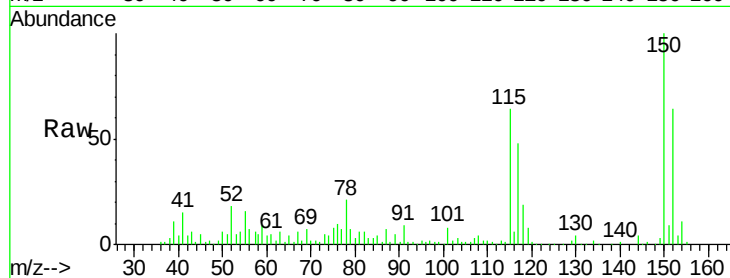




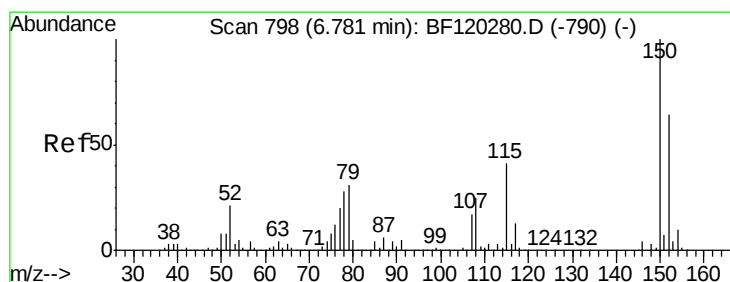
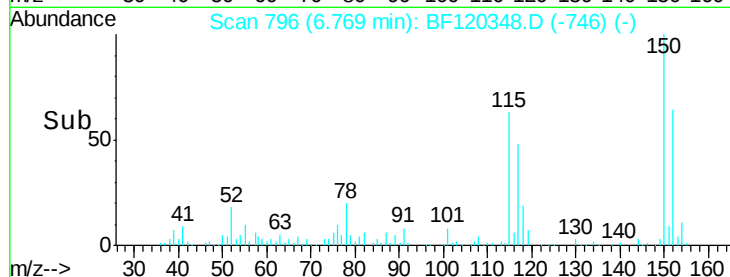
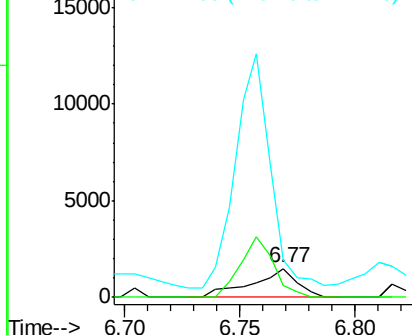
#14  
 1,2-Dichlorobenzene  
 Concen: 5.633 ng  
 RT: 6.77 min Scan# 796  
 Delta R.T. -0.01 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:146 Resp: 2005  
 Ion Ratio Lower Upper  
 146 100  
 148 40.2 51.1 76.7#  
 111 132.5 36.6 55.0#

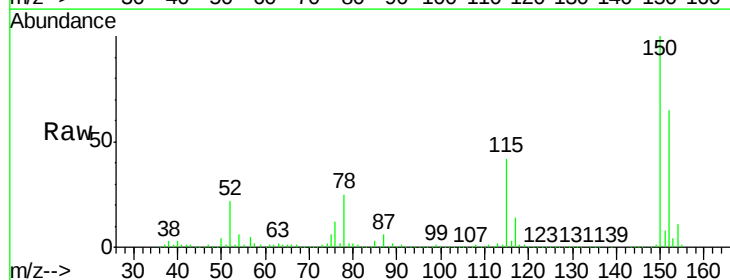


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

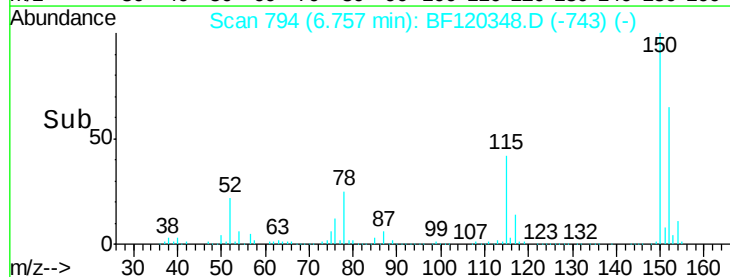
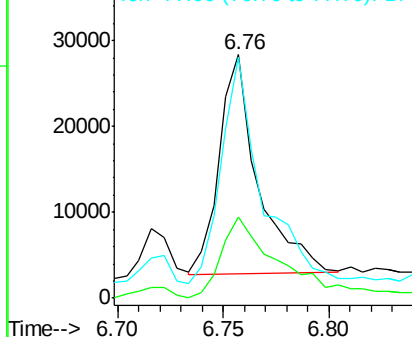


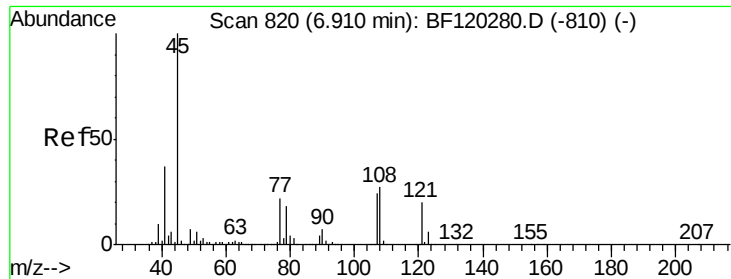
#15  
 Benzyl Alcohol  
 Concen: 117.637 ng  
 RT: 6.76 min Scan# 794  
 Delta R.T. -0.00 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

Tgt Ion: 79 Resp: 32509  
 Ion Ratio Lower Upper  
 79 100  
 108 33.2 64.2 96.4#  
 77 99.1 51.6 77.4#



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

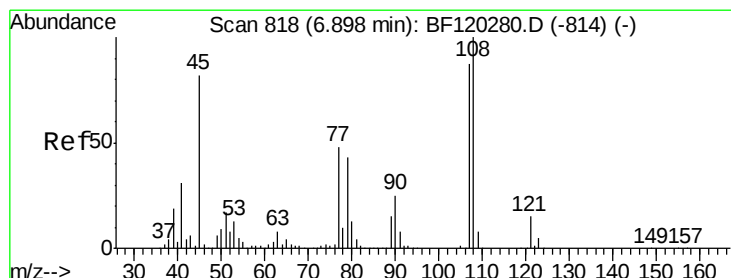
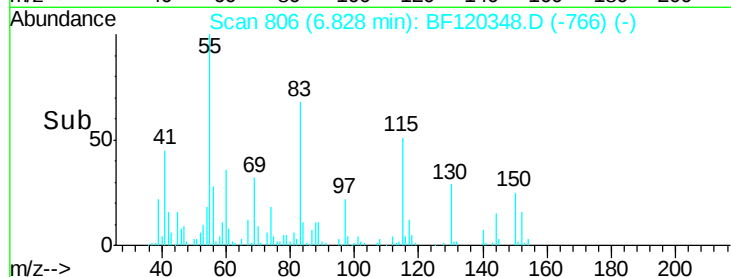
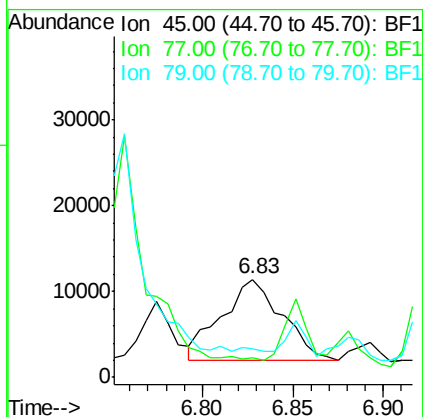
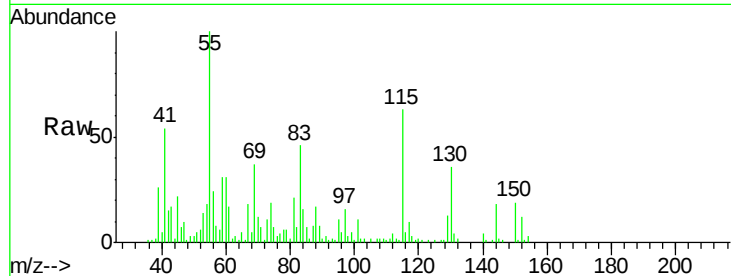




#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 37.927 ng  
RT: 6.83 min Scan# 806  
Delta R.T. -0.06 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

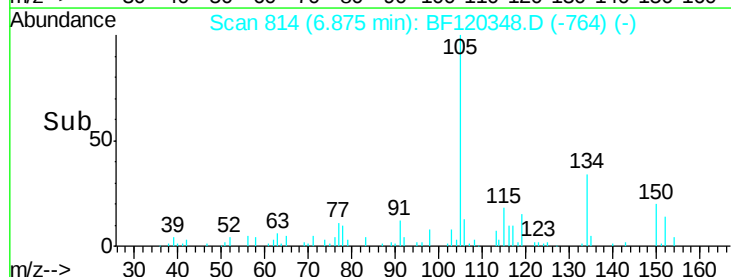
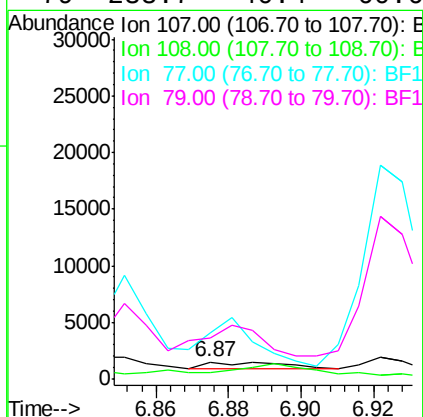
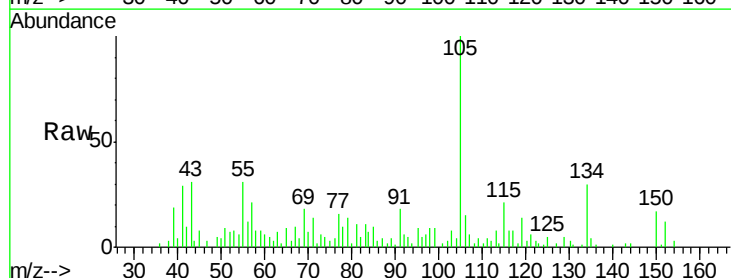
Instrument :  
BNA\_F  
ClientSampleId :

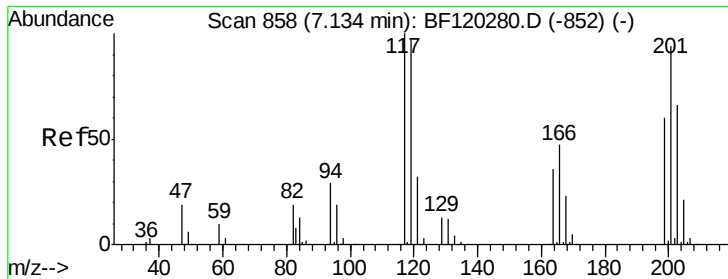
Tot Ion: 45 Resp: 21680  
Ion Ratio Lower Upper  
45 100  
77 20.2 3.1 43.1  
79 29.8 0.0 40.0



#17  
2-Methylphenol  
Concen: 2.758 ng  
RT: 6.87 min Scan# 814  
Delta R.T. -0.01 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

Tgt Ion: 107 Resp: 835  
Ion Ratio Lower Upper  
107 100  
108 39.1 92.4 138.6#  
77 267.8 44.5 66.7#  
79 238.7 40.4 60.6#

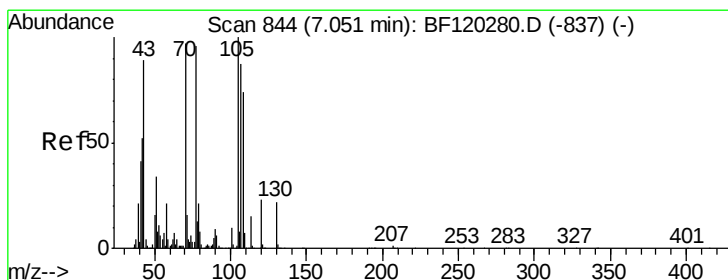
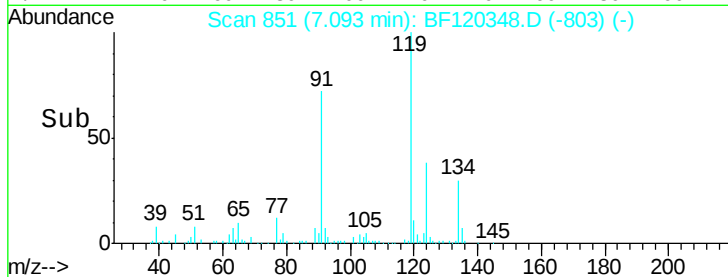
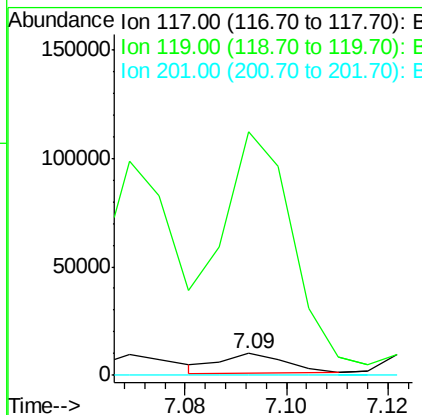
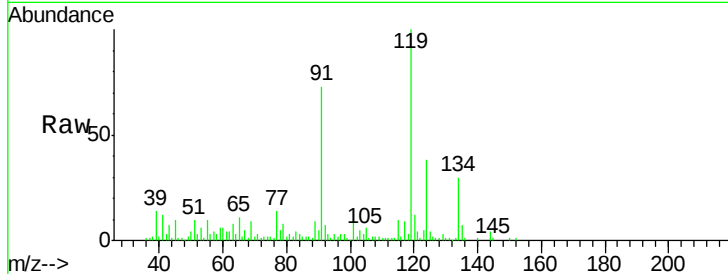




#18  
Hexachloroethane  
Concen: 53.268 ng  
RT: 7.09 min Scan# 851  
Delta R.T. -0.02 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

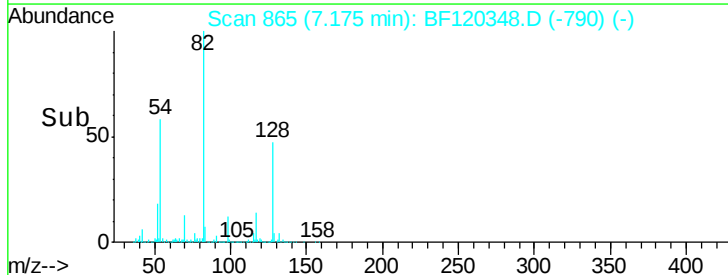
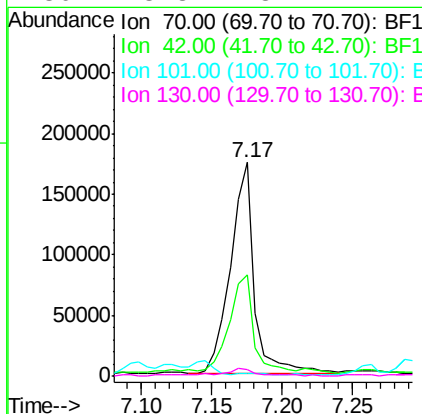
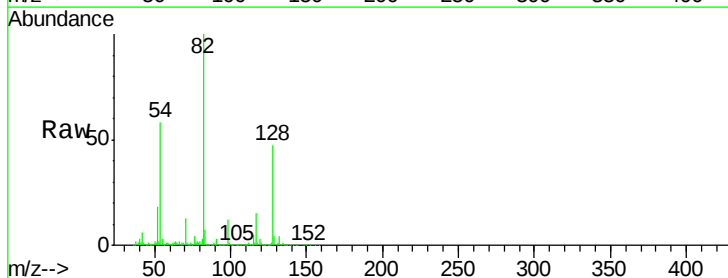
Instrument :  
BNA\_F  
ClientSampled :

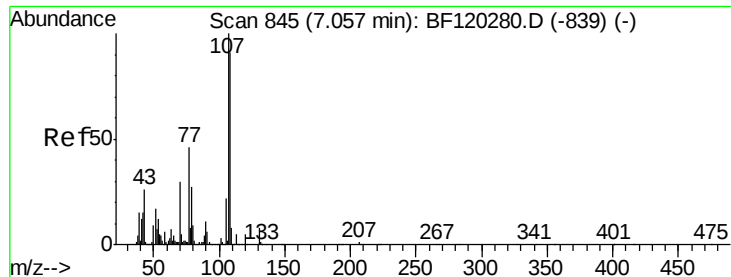
Tot Ion:117 Resp: 8021  
Ion Ratio Lower Upper  
117 100  
119 1107.2 77.4 116.0#  
201 0.0 74.9 112.3#



#19  
n-Nitroso-di-n-propylamine  
Concen: 801.541 ng  
RT: 7.17 min Scan# 865  
Delta R.T. 0.14 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

Tgt Ion: 70 Resp: 204264  
Ion Ratio Lower Upper  
70 100  
42 47.3 43.4 65.0  
101 1.4 7.8 11.8#  
130 3.3 18.2 27.4#





#20

3+4-Methylphenols

Concen: 21.428 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF120348.D

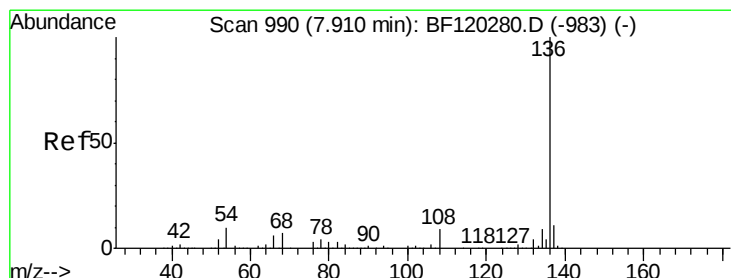
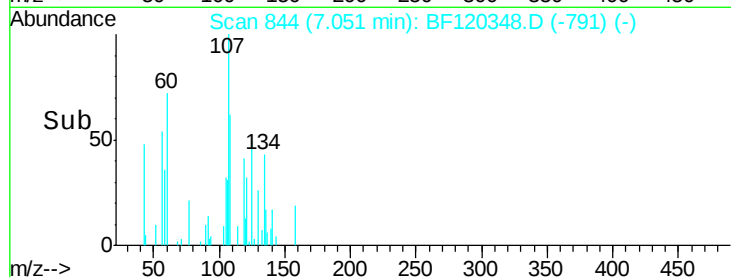
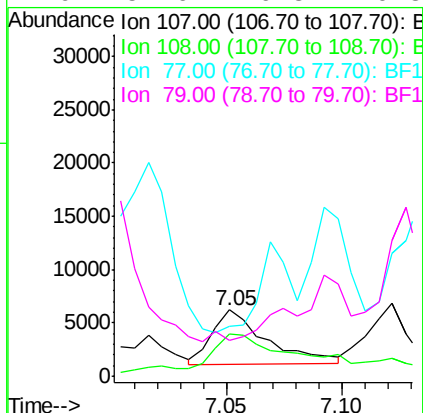
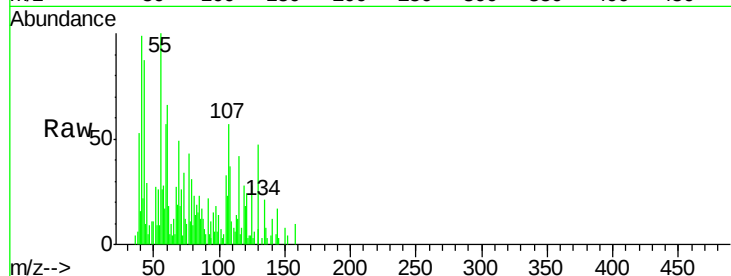
Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:107 | Resp: | 8435        |
| Ion Ratio   | Lower | Upper       |
| 107         | 100   |             |
| 108         | 64.2  | 71.1 111.1# |
| 77          | 76.0  | 28.1 68.1#  |
| 79          | 54.6  | 6.8 46.8#   |



#21

Naphthalene-d8

Concen: 20.000 ng

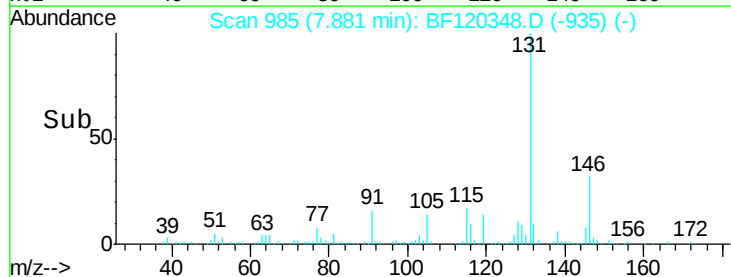
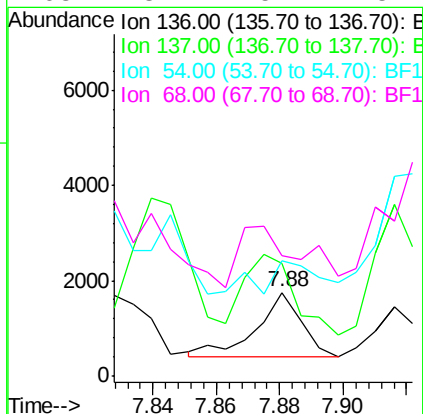
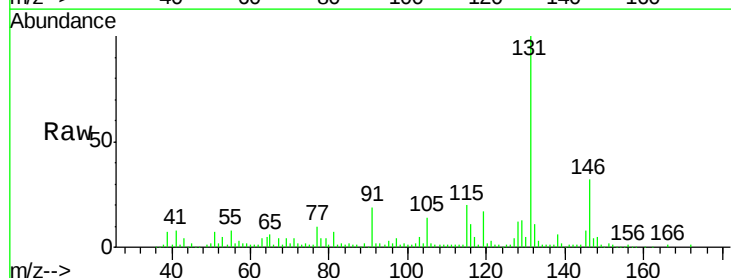
RT: 7.88 min Scan# 985

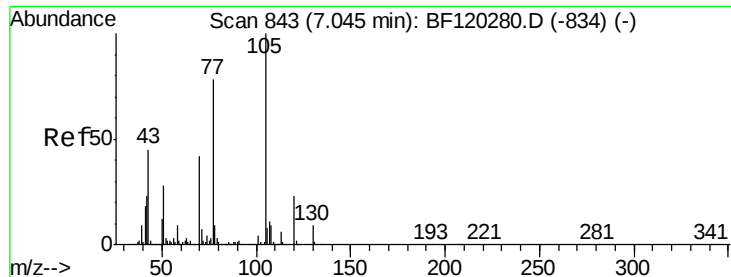
Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:136 | Resp: | 1362      |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 134.8 | 9.1 13.7# |
| 54          | 138.2 | 7.9 11.9# |
| 68          | 143.2 | 5.4 8.2#  |

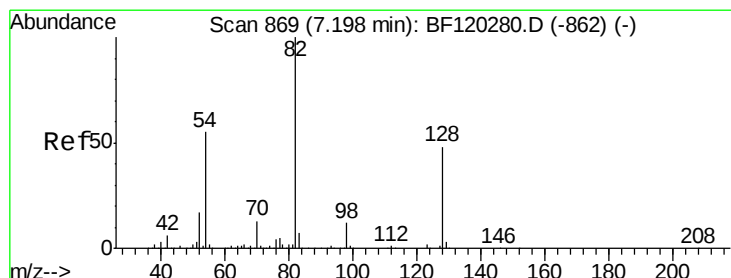
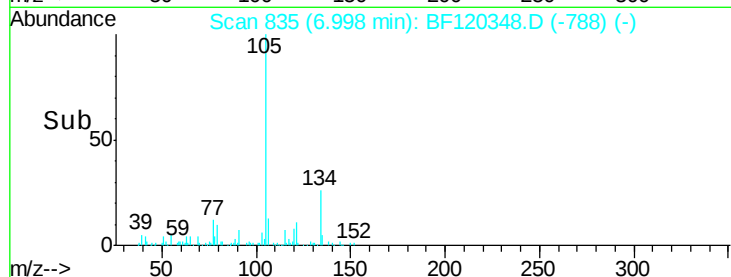
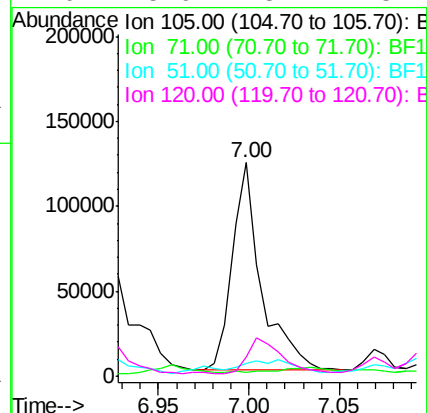
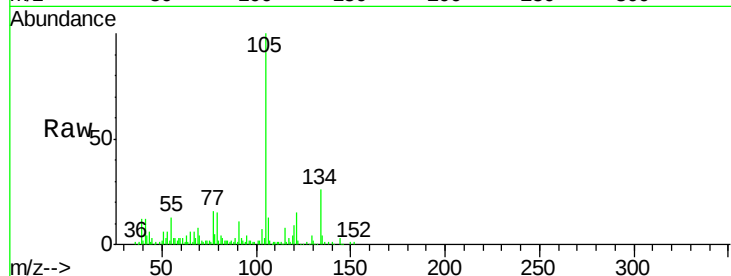




#22  
Acetophenone  
Concen: 4888.372 ng  
RT: 7.00 min Scan# 835  
Delta R.T. -0.02 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

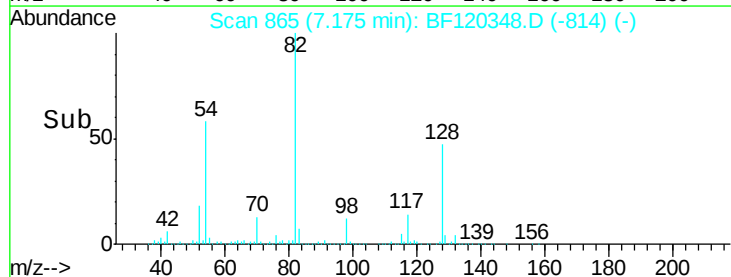
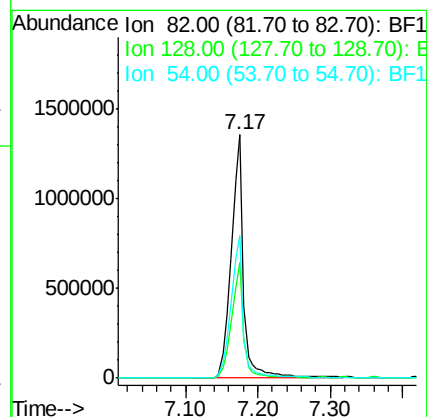
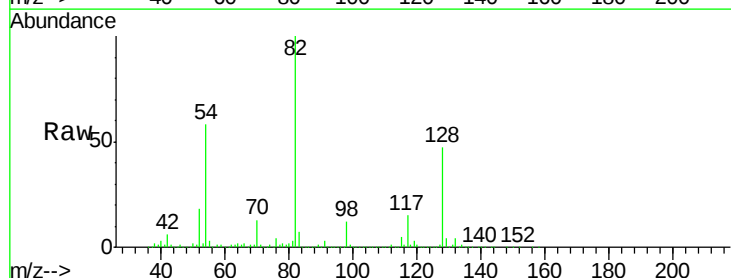
Instrument :  
BNA\_F  
ClientSampleId :

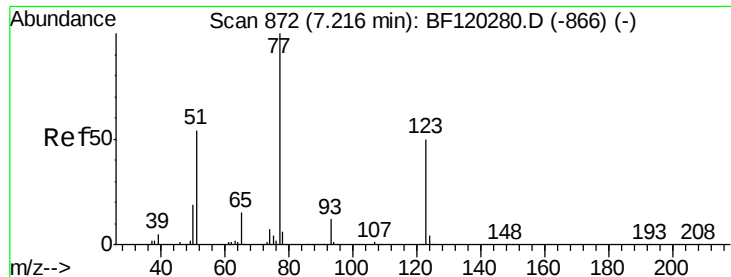
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 2.1   | 5.6   | 8.4#  |
| 51      | 6.2   | 22.6  | 34.0# |
| 120     | 8.9   | 18.7  | 28.1# |



#23  
Nitrobenzene-d5  
Concen: 80788.327 ng  
RT: 7.17 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.3  | 38.3  | 57.5  |
| 54      | 58.4  | 43.9  | 65.9  |

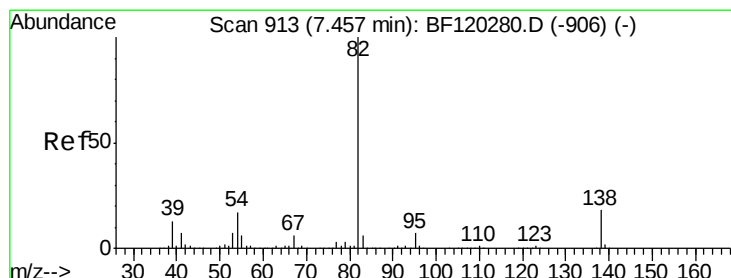
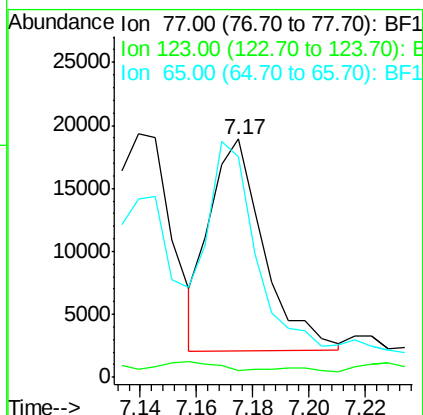
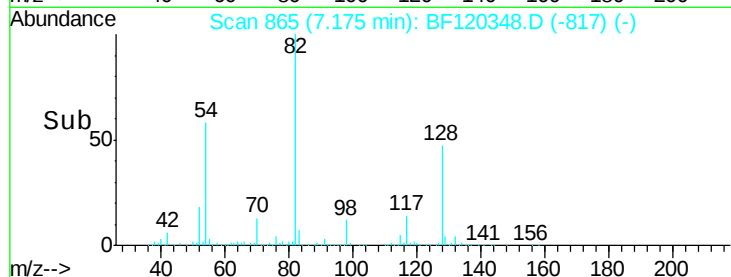
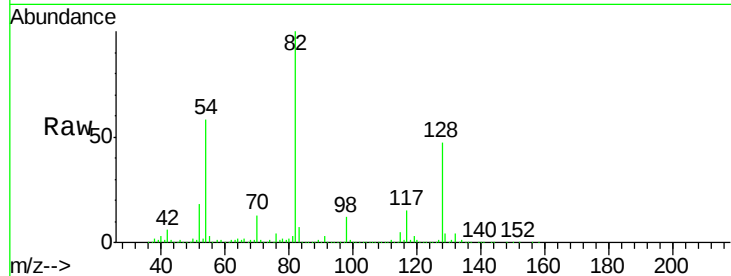




#24  
Nitrobenzene  
Concen: 1046.283 ng  
RT: 7.17 min Scan# 865  
Delta R.T. -0.02 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

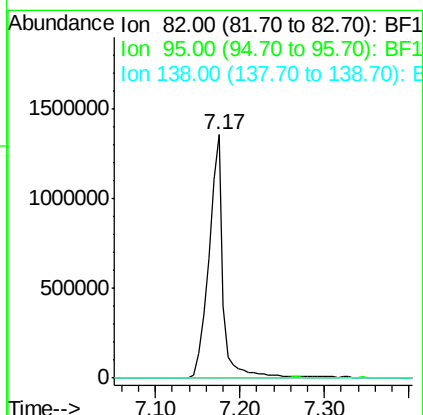
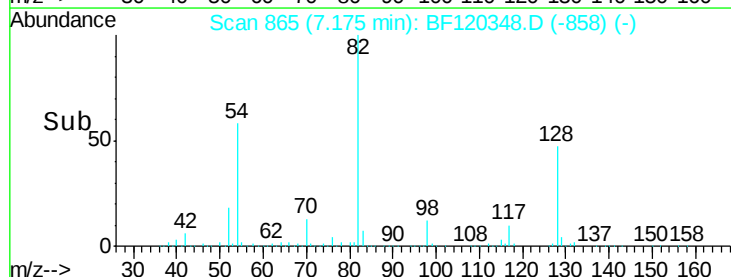
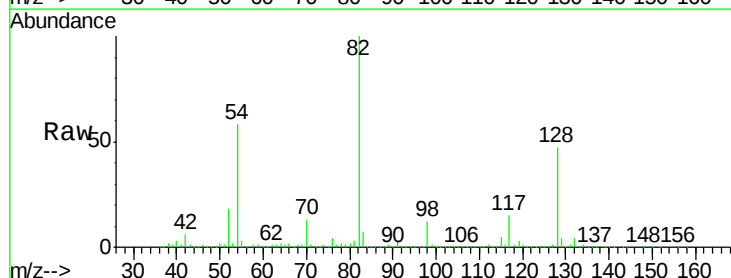
Instrument :  
BNA\_F  
ClientSampleId :

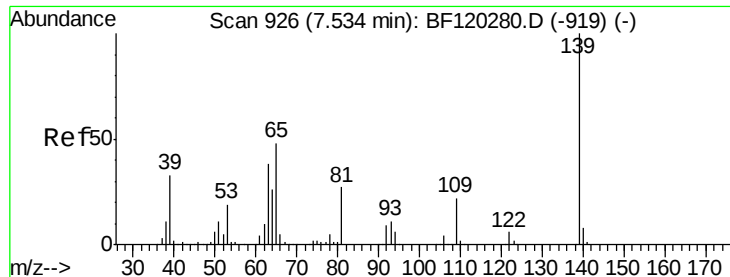
Tot Ion: 77 Resp: 22400  
Ion Ratio Lower Upper  
77 100  
123 3.0 40.0 60.0#  
65 92.7 11.7 17.5#



#25  
Isophorone  
Concen: 38653.376 ng  
RT: 7.17 min Scan# 865  
Delta R.T. -0.26 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

Tgt Ion: 82 Resp: 1599904  
Ion Ratio Lower Upper  
82 100  
95 0.3 5.4 8.0#  
138 0.0 14.7 22.1#





#26

2-Nitrophenol

Concen: 36.439 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampleId :

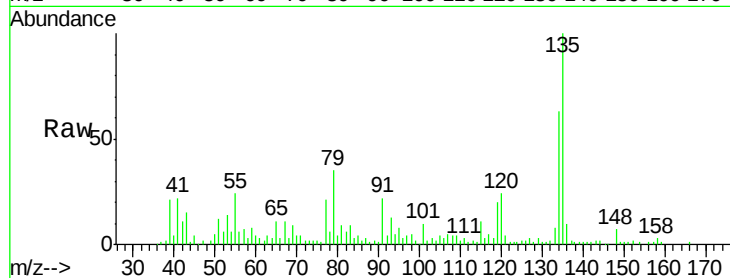
Tot Ion:139 Resp: 408

Ion Ratio Lower Upper

139 100

109 406.6 17.7 26.5#

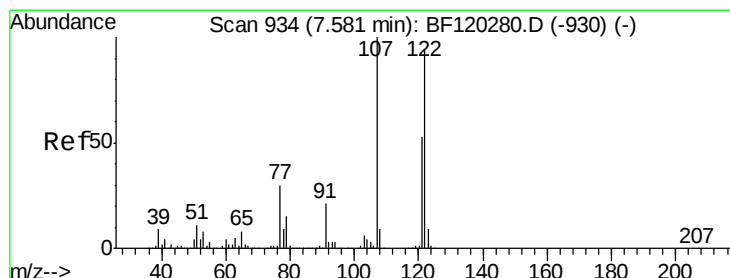
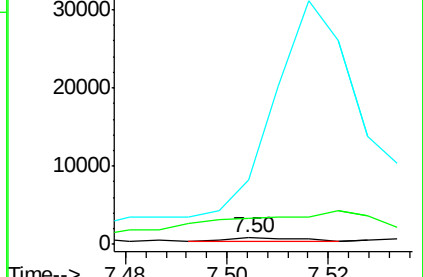
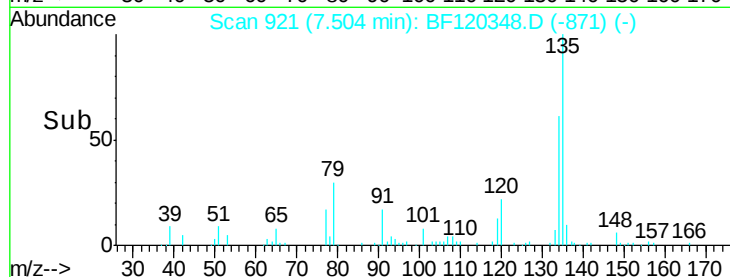
65 1036.3 38.3 57.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#27

2,4-Dimethylphenol

Concen: 488.462 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

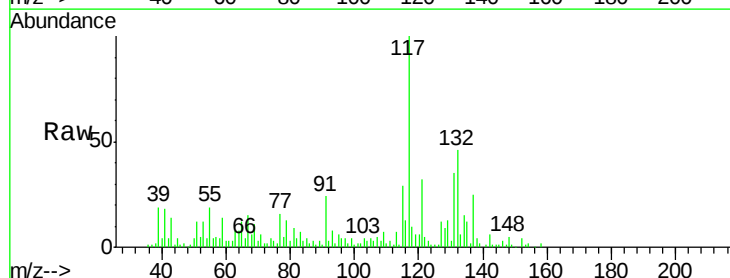
Tgt Ion:122 Resp: 7956

Ion Ratio Lower Upper

122 100

107 94.2 85.0 127.6

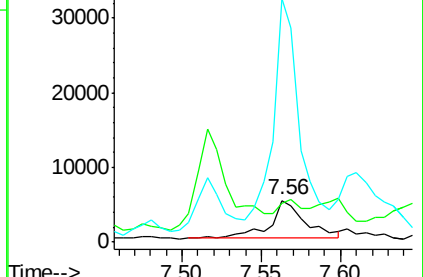
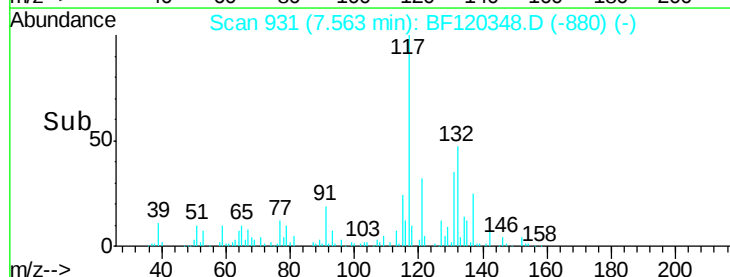
121 581.1 45.1 67.7#

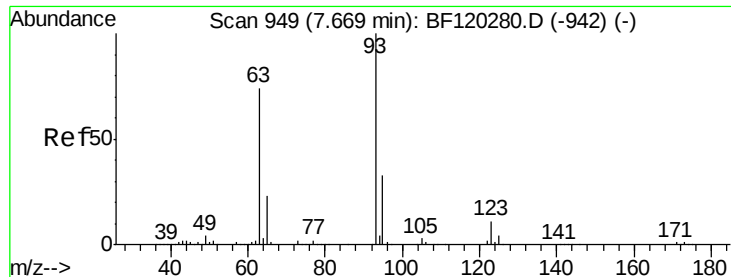


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

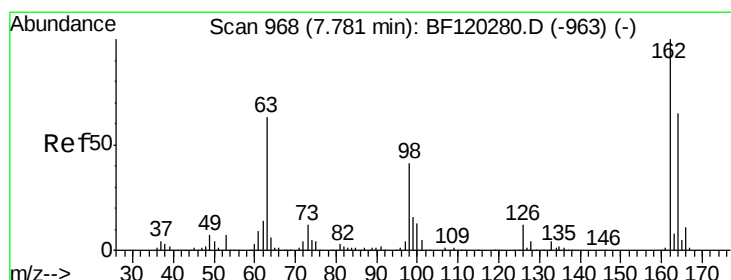
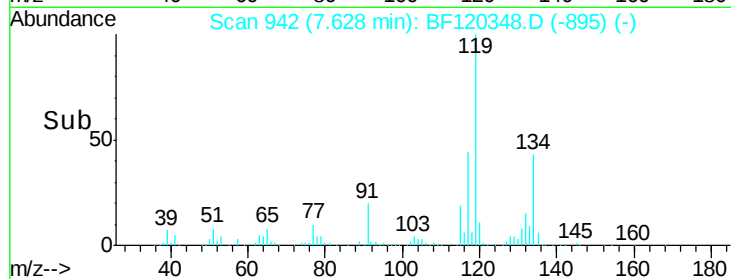
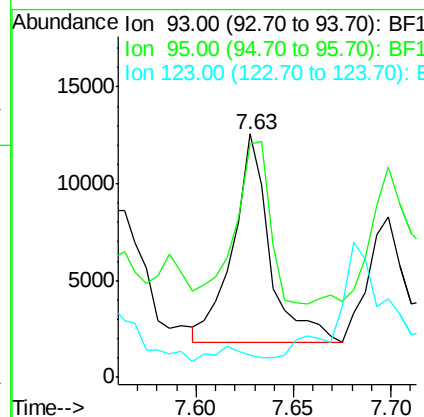
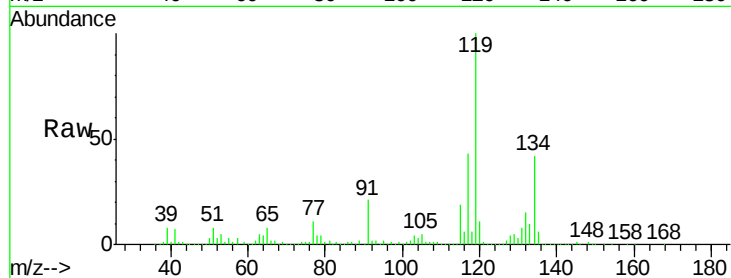




#28  
bis(2-Chloroethoxy)methane  
Concen: 539.817 ng  
RT: 7.63 min Scan# 942  
Delta R.T. -0.02 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

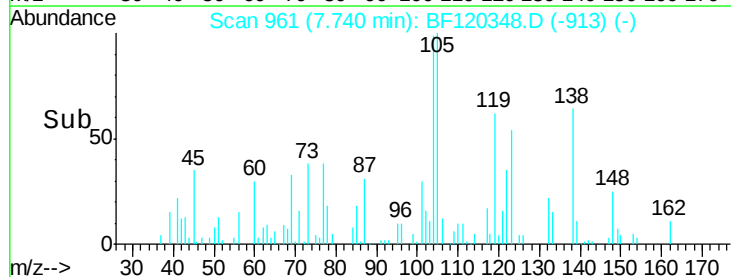
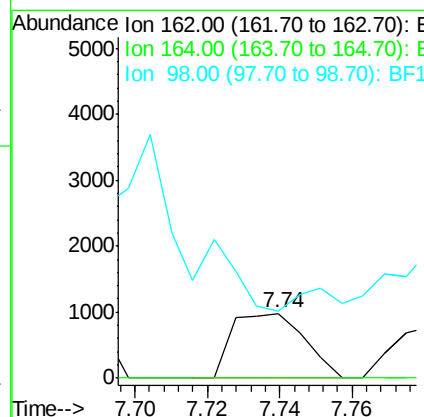
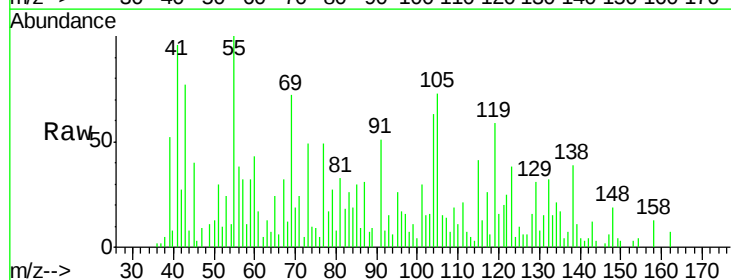
Instrument :  
BNA\_F  
ClientSampleId :

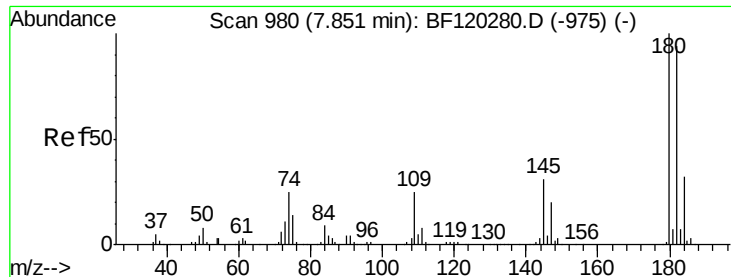
Tot Ion: 93 Resp: 14044  
Ion Ratio Lower Upper  
93 100  
95 96.0 26.8 40.2#  
123 8.9 9.2 13.8#



#29  
2,4-Dichlorophenol  
Concen: 80.582 ng  
RT: 7.74 min Scan# 961  
Delta R.T. -0.02 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

Tgt Ion:162 Resp: 1348  
Ion Ratio Lower Upper  
162 100  
164 0.0 44.9 84.9#  
98 103.7 20.7 60.7#

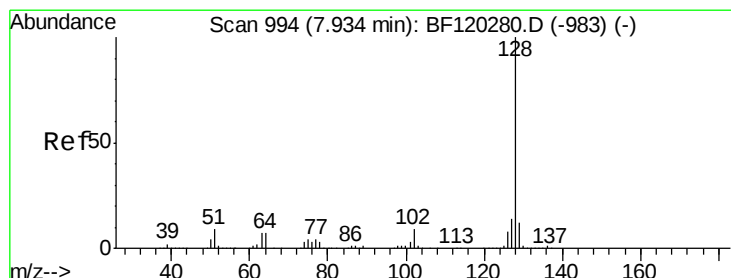
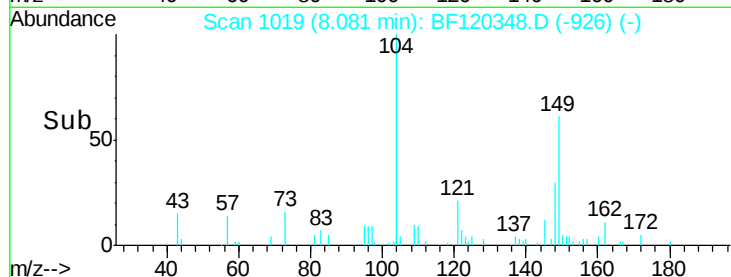
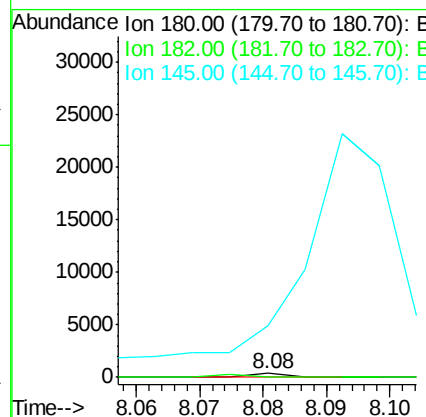
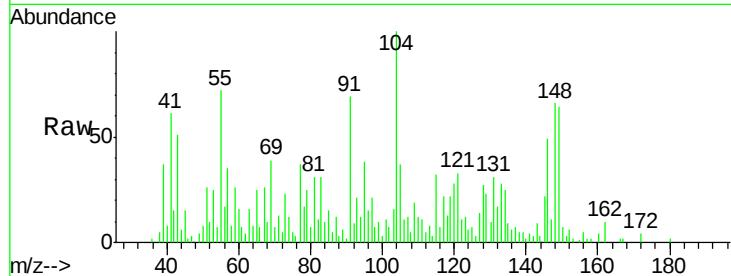




#30  
 1,2,4-Trichlorobenzene  
 Concen: 6.797 ng  
 RT: 8.08 min Scan# 1019  
 Delta R.T. 0.25 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

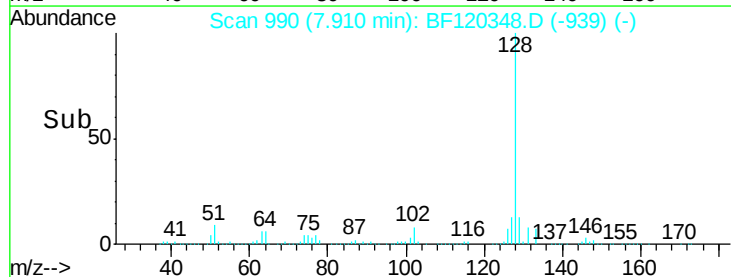
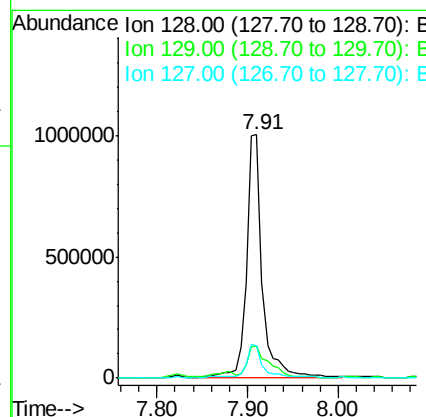
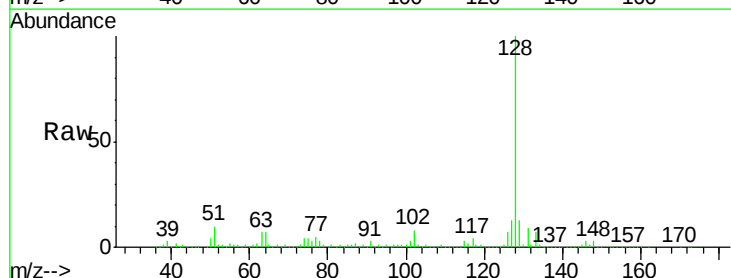
Instrument :  
 BNA\_F  
 ClientSampleId :

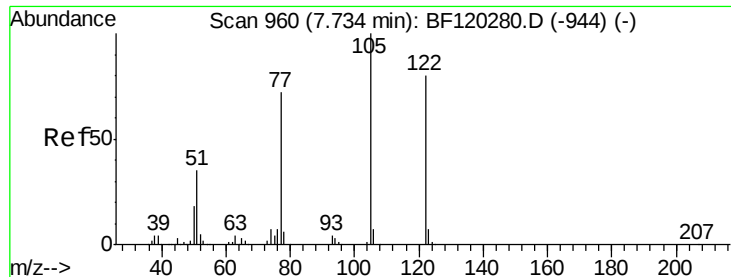
Tot Ion:180 Resp: 126  
 Ion Ratio Lower Upper  
 180 100  
 182 0.0 75.3 112.9#  
 145 1369.5 24.9 37.3#



#31  
 Naphthalene  
 Concen: 21249.524 ng  
 RT: 7.91 min Scan# 990  
 Delta R.T. -0.00 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

Tgt Ion:128 Resp: 1221480  
 Ion Ratio Lower Upper  
 128 100  
 129 13.5 9.3 13.9  
 127 13.4 11.2 16.8





#32

Benzoic acid

Concen: 4570.879 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampleId :

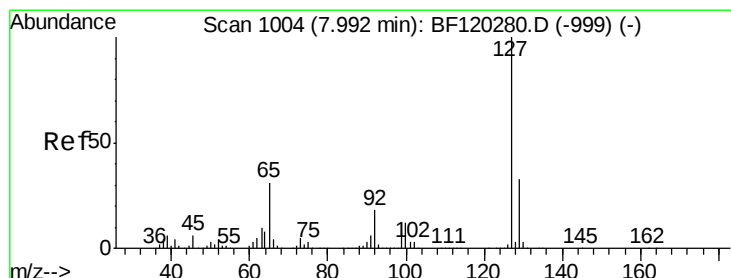
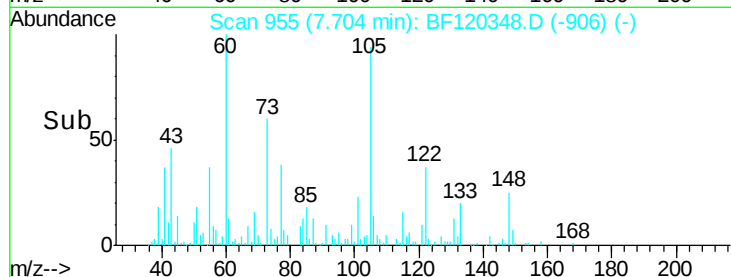
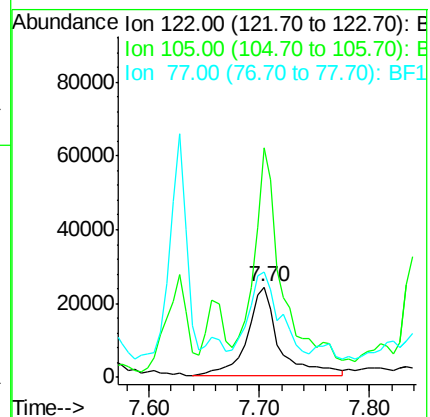
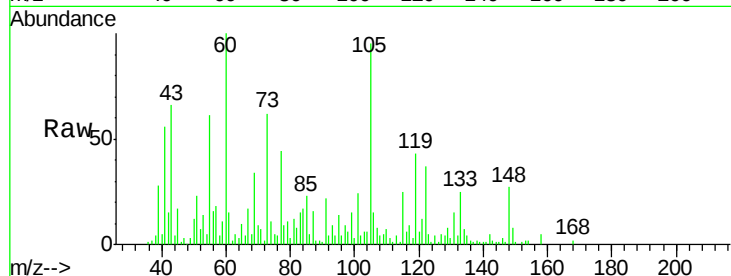
Tot Ion:122 Resp: 48800

Ion Ratio Lower Upper

122 100

105 254.2 98.1 138.1#

77 116.7 66.7 106.7#



#33

4-Chloroaniline

Concen: 6652.508 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.06 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Tgt Ion:127 Resp: 174271

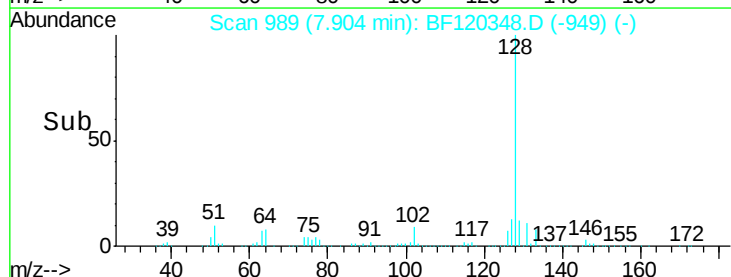
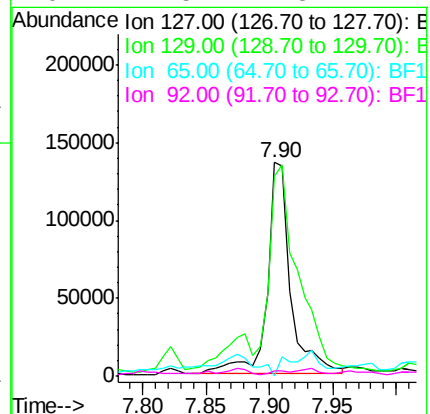
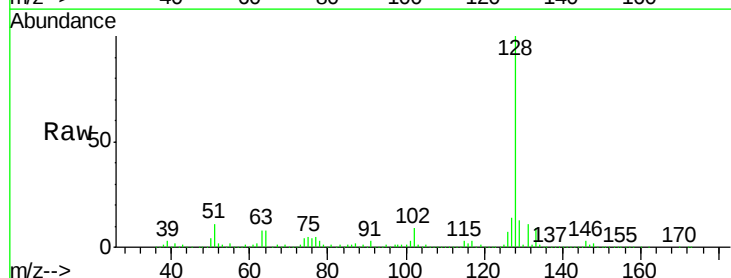
Ion Ratio Lower Upper

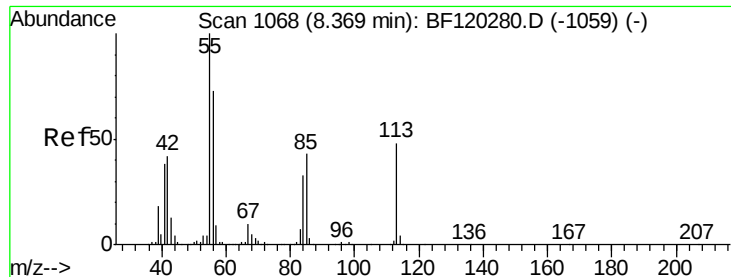
127 100

129 93.4 26.4 39.6#

65 0.0 24.8 37.2#

92 2.5 14.5 21.7#





#35

Caprolactam

Concen: 480.745 ng

RT: 8.35 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampled :

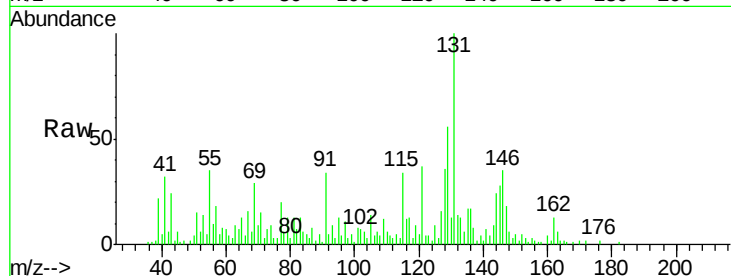
Tot Ion:113 Resp: 2631

Ion Ratio Lower Upper

113 100

55 635.6 190.4 230.4#

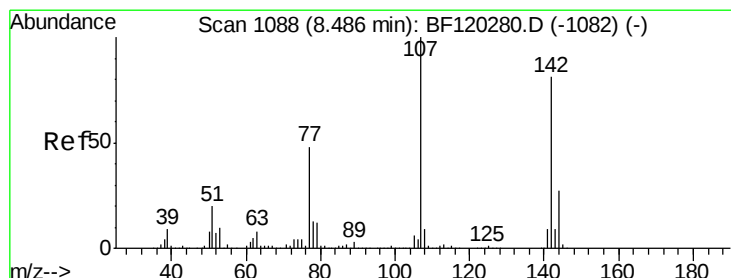
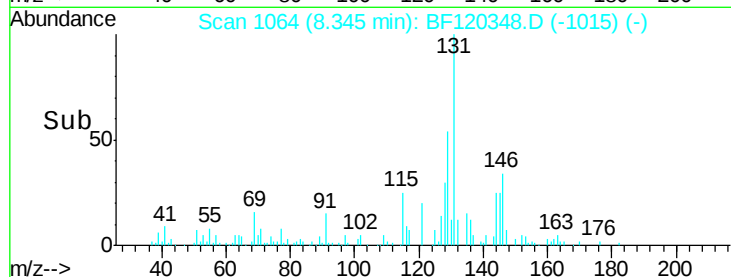
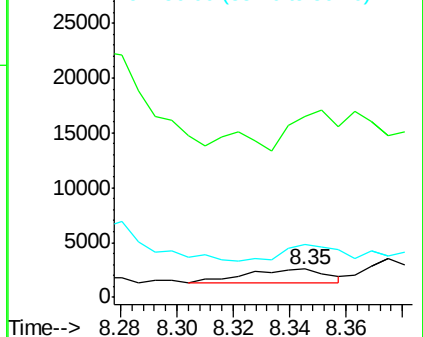
56 186.6 132.7 172.7#



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: 567.513 ng

RT: 8.47 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

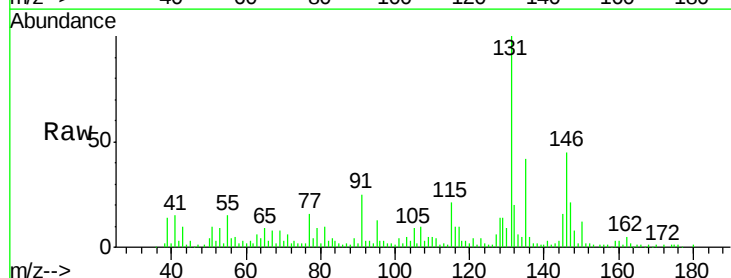
Tgt Ion:107 Resp: 10270

Ion Ratio Lower Upper

107 100

144 30.7 21.4 32.2

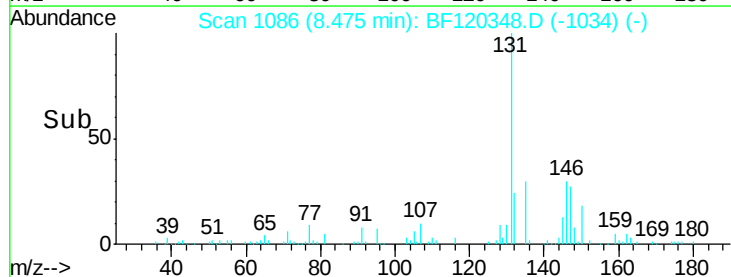
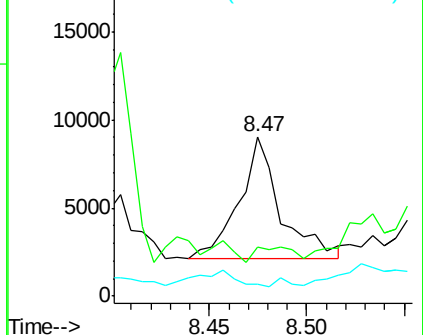
142 7.3 65.1 97.7#

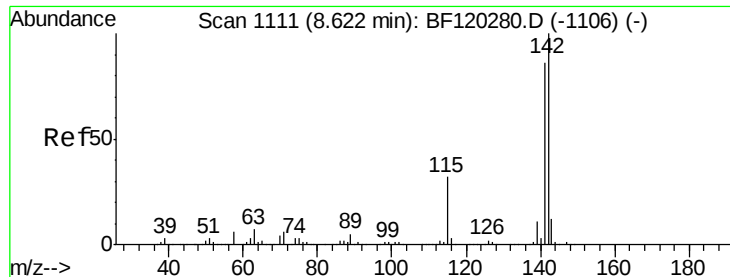


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

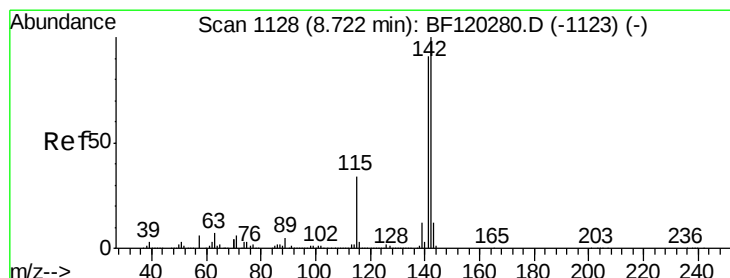
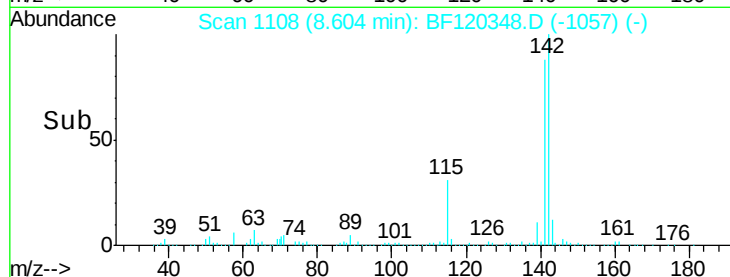
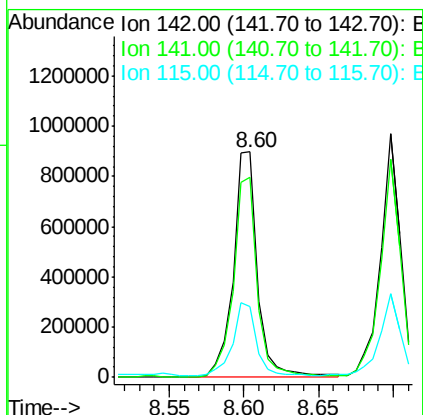
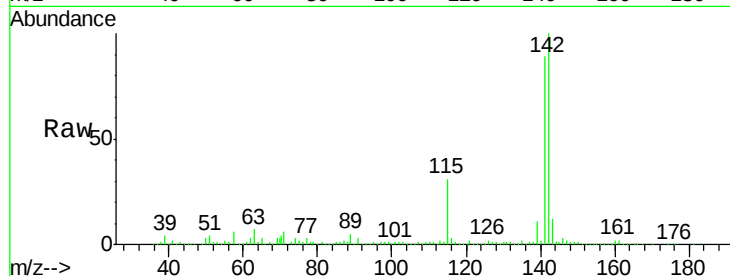




#37  
 2-Methylnaphthalene  
 Concen: 25964.625 ng  
 RT: 8.60 min Scan# 1108  
 Delta R.T. -0.00 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

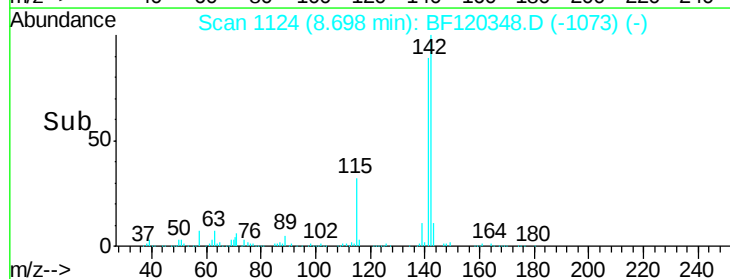
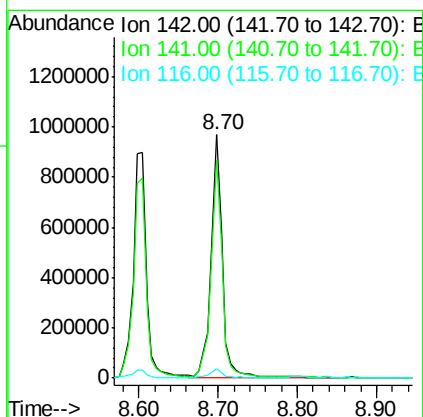
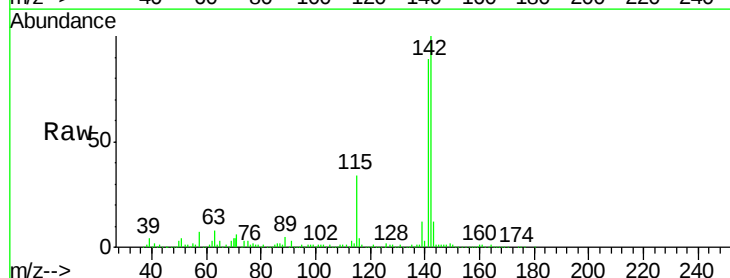
Instrument :  
 BNA\_F  
 ClientSampleId :

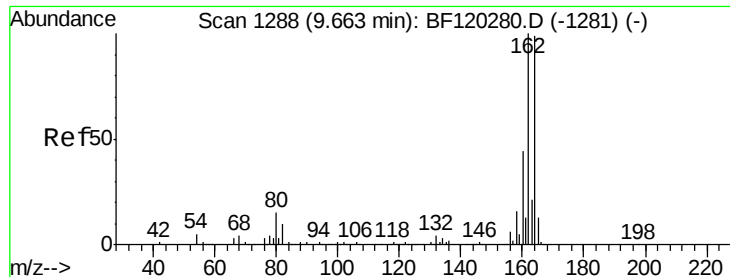
Tot Ion:142 Resp: 1021368  
 Ion Ratio Lower Upper  
 142 100  
 141 88.6 68.8 103.2  
 115 31.2 25.7 38.5



#38  
 1-Methylnaphthalene  
 Concen: 24800.042 ng  
 RT: 8.70 min Scan# 1124  
 Delta R.T. -0.00 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

Tgt Ion:142 Resp: 946176  
 Ion Ratio Lower Upper  
 142 100  
 141 89.4 73.0 109.6  
 116 3.7 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampleId :

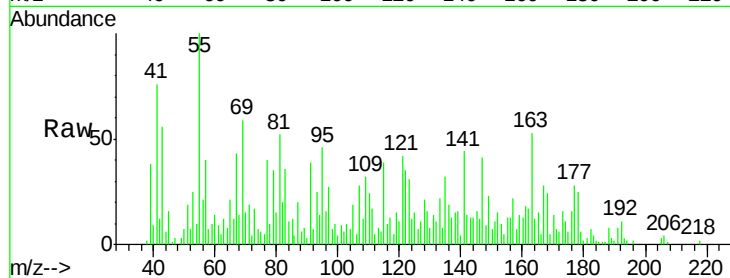
Tot Ion:164 Resp: 1517

Ion Ratio Lower Upper

164 100

162 143.6 81.2 121.8#

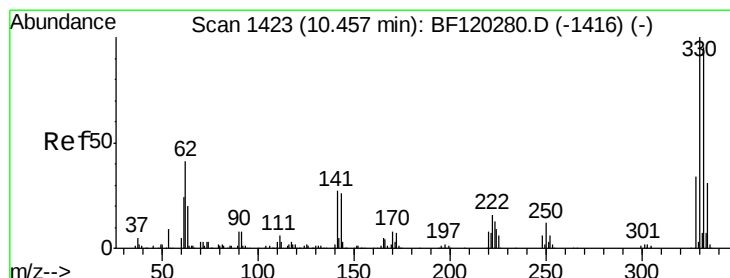
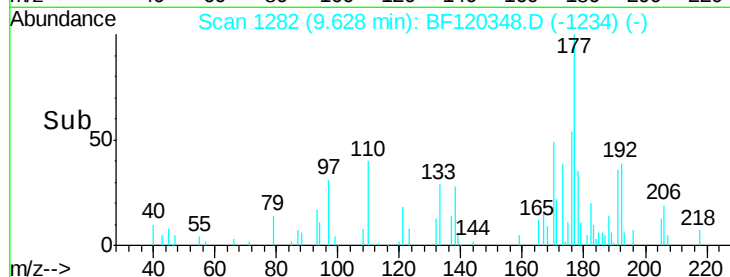
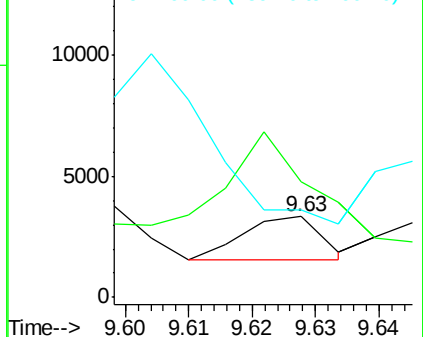
160 107.6 35.8 53.6#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 52371.160 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

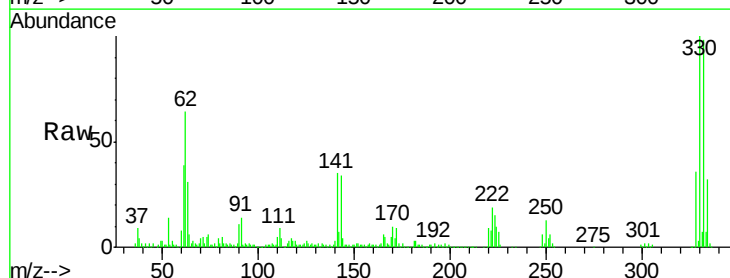
Tgt Ion:330 Resp: 647769

Ion Ratio Lower Upper

330 100

332 96.9 76.5 114.7

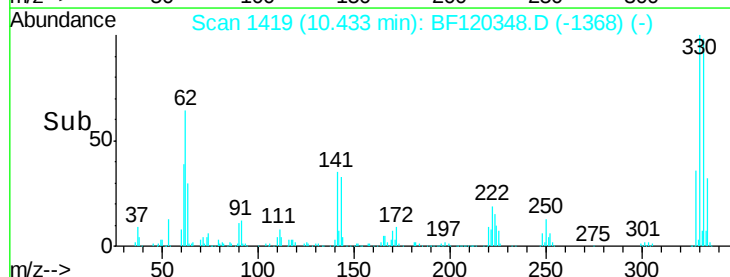
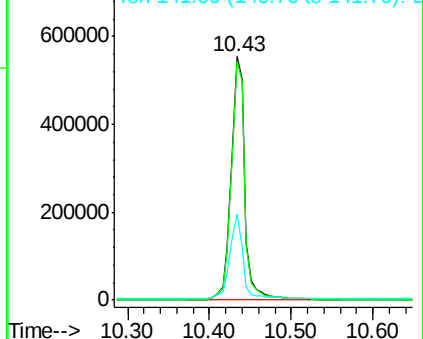
141 32.2 25.4 38.0

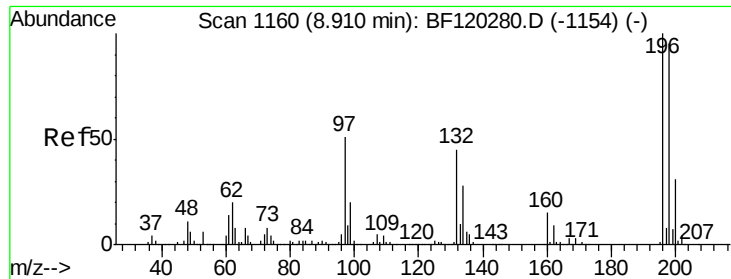


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

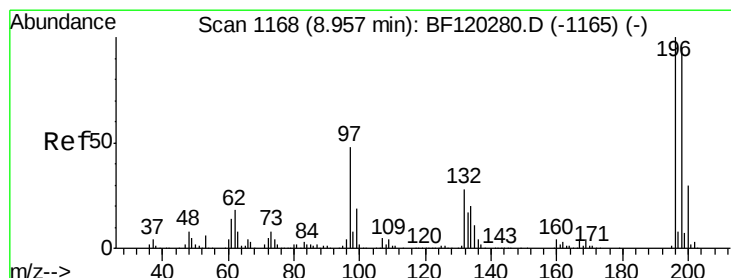
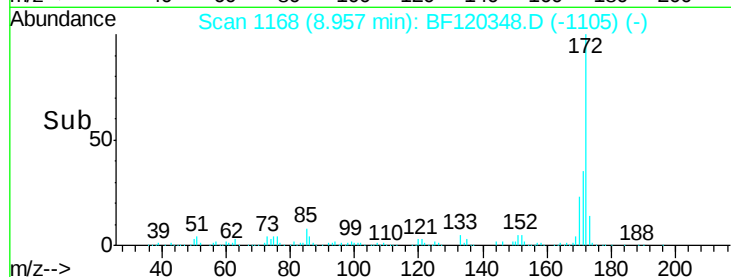
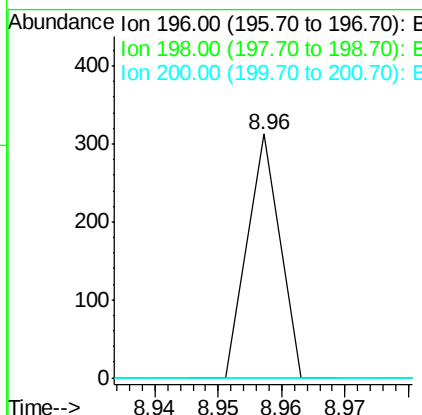
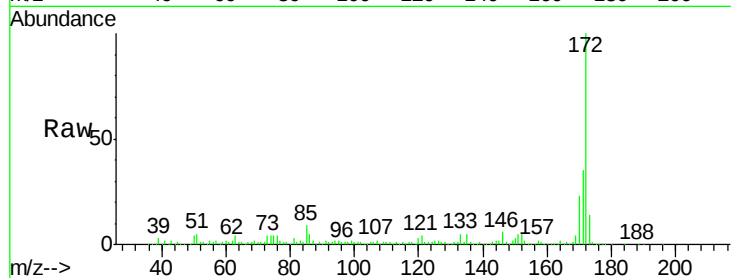




#43  
 2,4,6-Trichlorophenol  
 Concen: 4.284 ng  
 RT: 8.96 min Scan# 1168  
 Delta R.T. 0.07 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

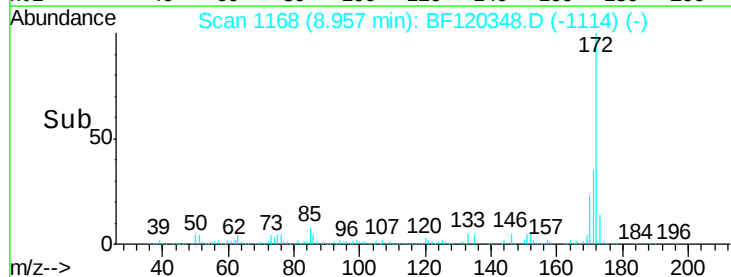
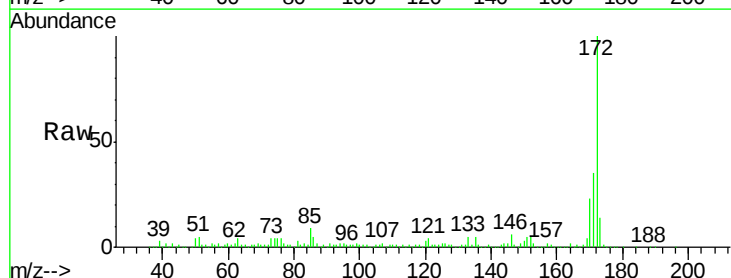
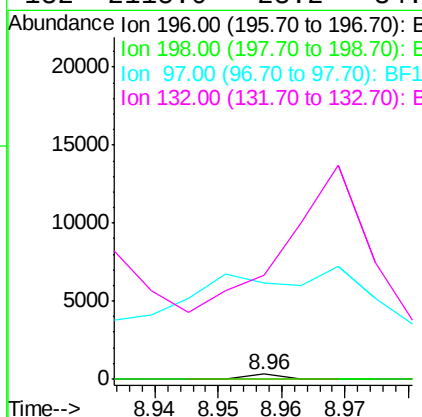
Instrument :  
 BNA\_F  
 ClientSampleId :

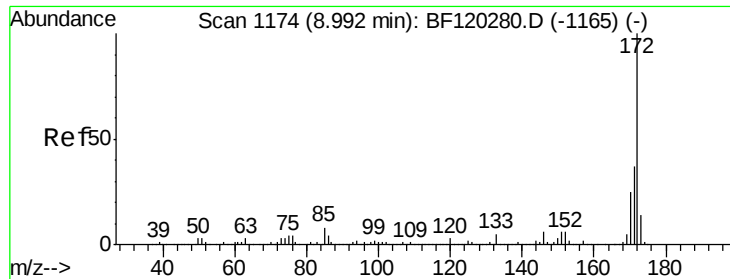
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 196     | 100   |       |        |
| 198     | 0.0   | 76.2  | 114.4# |
| 200     | 0.0   | 24.9  | 37.3#  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 3.730 ng  
 RT: 8.96 min Scan# 1168  
 Delta R.T. 0.02 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

| Tgt Ion | Ratio  | Lower | Upper  |
|---------|--------|-------|--------|
| 196     | 100    |       |        |
| 198     | 0.0    | 76.2  | 114.4# |
| 97      | 1959.7 | 38.6  | 57.8#  |
| 132     | 2115.0 | 23.2  | 34.8#  |

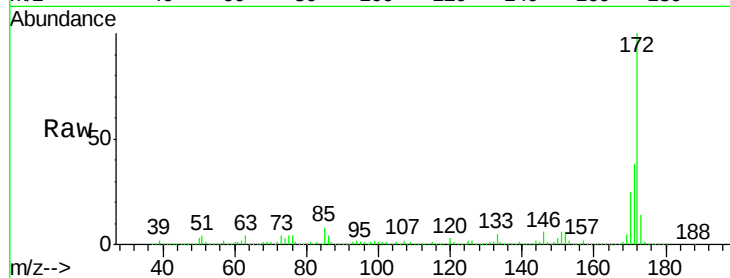




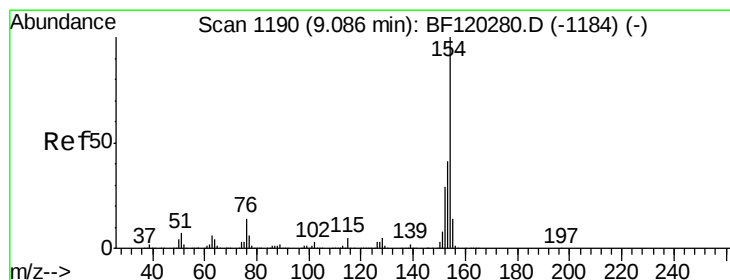
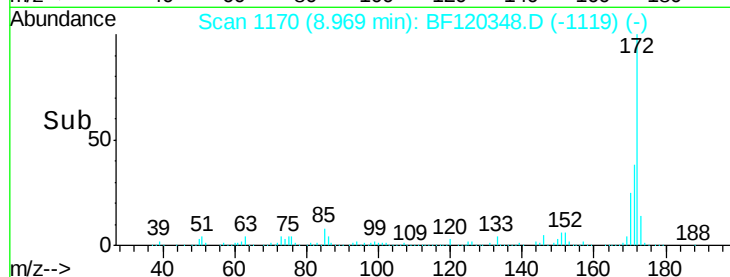
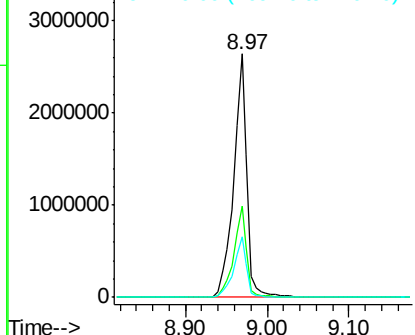
#45  
2-Fluorobiphenyl  
Concen: 40751.693 ng  
RT: 8.97 min Scan# 1170  
Delta R.T. -0.00 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 3009064  
Ion Ratio Lower Upper  
172 100  
171 37.7 29.7 44.5  
170 24.9 19.9 29.9

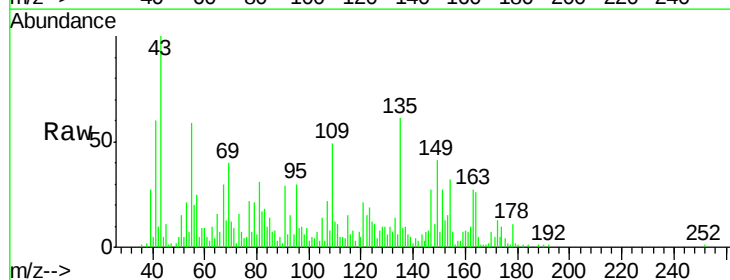


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

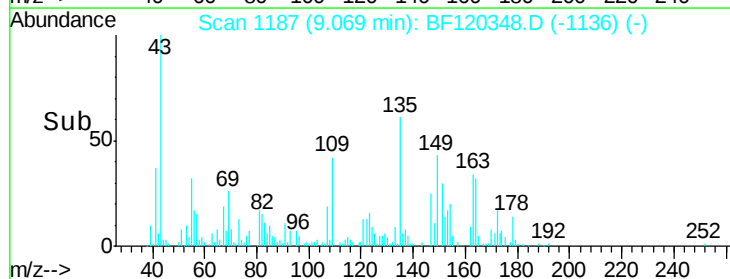
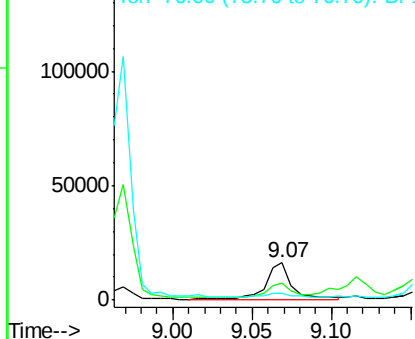


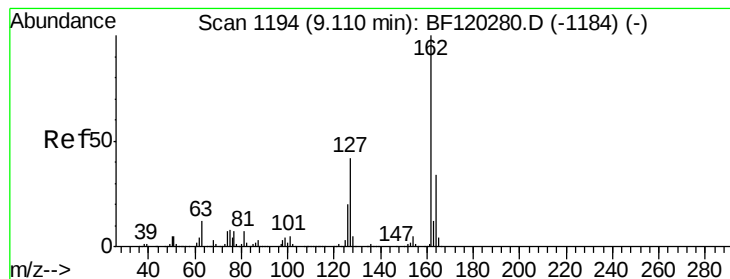
#46  
1,1'-Biphenyl  
Concen: 186.970 ng  
RT: 9.07 min Scan# 1187  
Delta R.T. -0.00 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

Tgt Ion:154 Resp: 18584  
Ion Ratio Lower Upper  
154 100  
153 47.0 20.8 60.8  
76 16.6 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: 133.262 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.25 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampled :

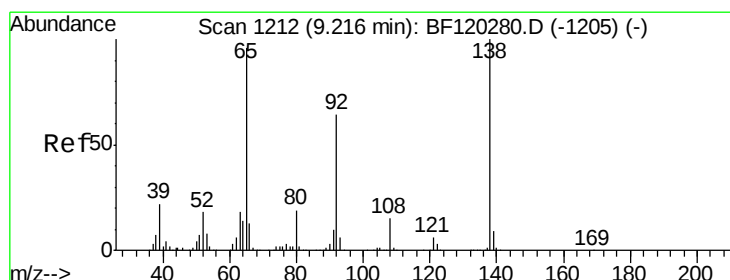
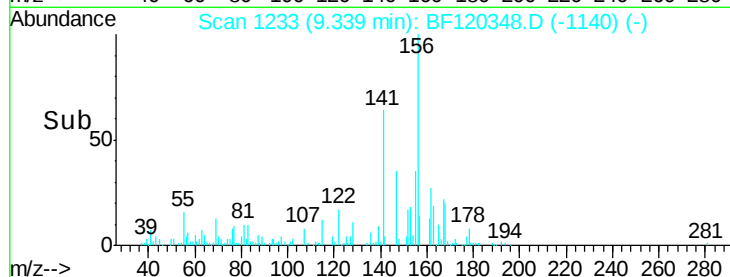
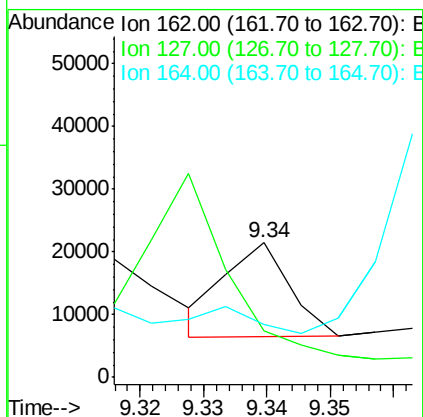
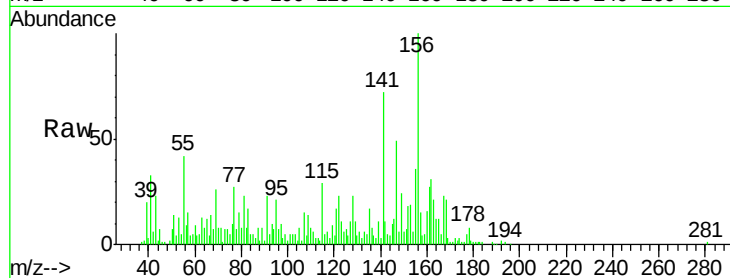
Tot Ion:162 Resp: 10625

Ion Ratio Lower Upper

162 100

127 34.4 33.4 50.0

164 39.2 27.0 40.6



#48

2-Nitroaniline

Concen: 184.424 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.04 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

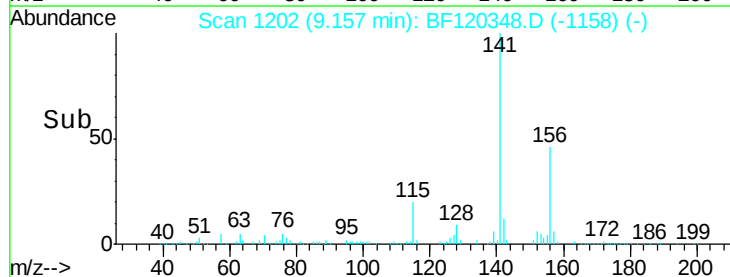
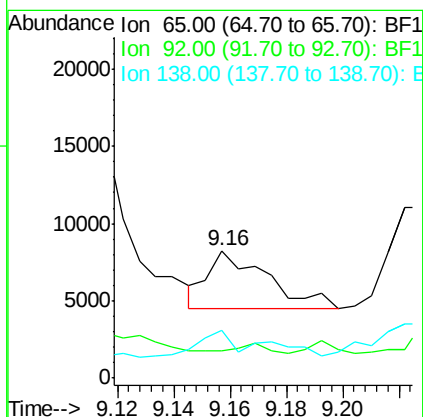
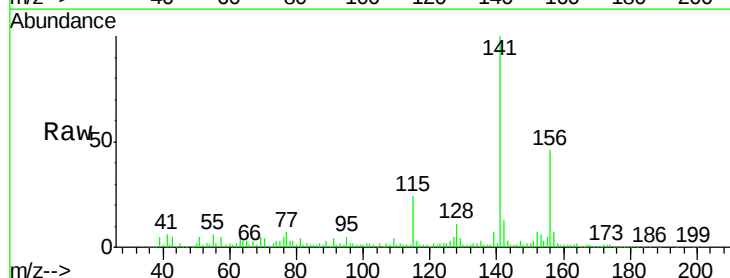
Tgt Ion: 65 Resp: 5365

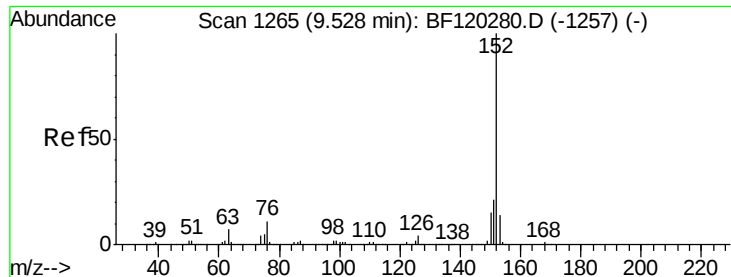
Ion Ratio Lower Upper

65 100

92 21.5 52.9 79.3#

138 37.6 83.0 124.4#





#49

Acenaphthylene

Concen: 177.969 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampleId :

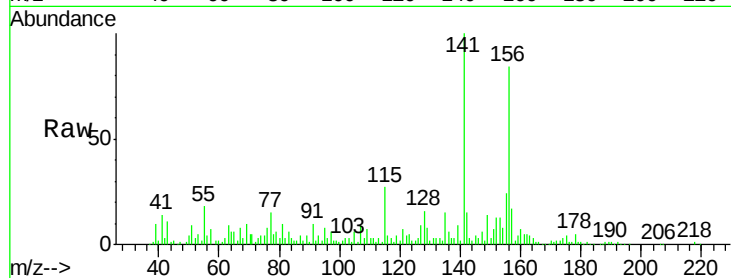
Tot Ion:152 Resp: 21675

Ion Ratio Lower Upper

152 100

151 50.6 16.6 25.0#

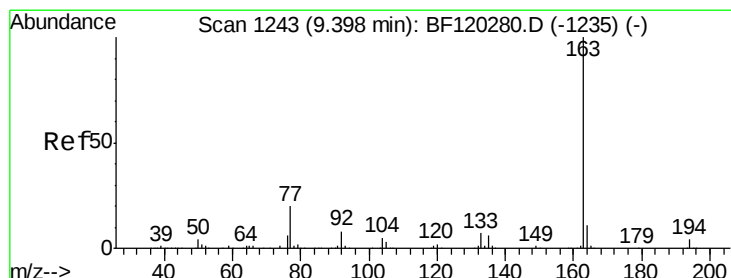
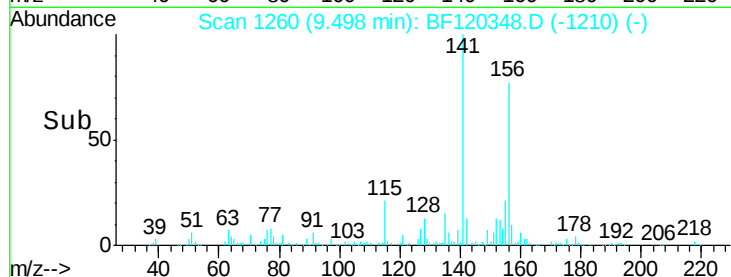
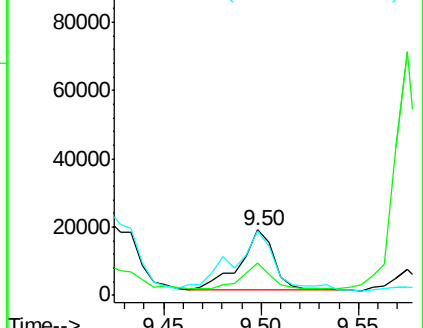
153 98.6 11.1 16.7#



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: 3582.365 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.02 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

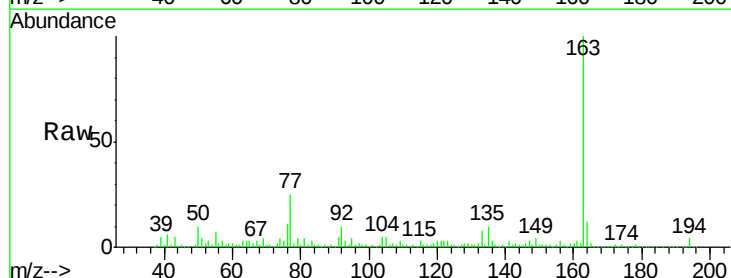
Tgt Ion:163 Resp: 343535

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

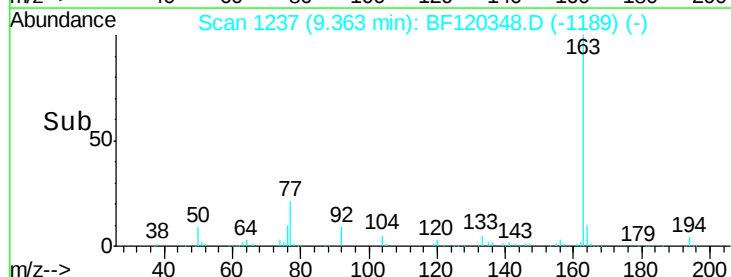
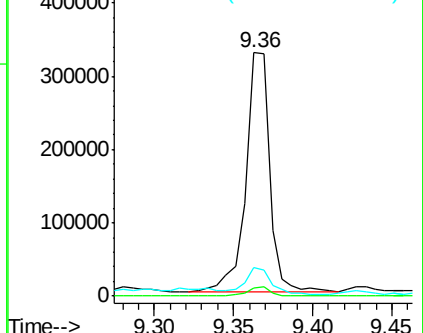
164 11.7 8.6 12.8

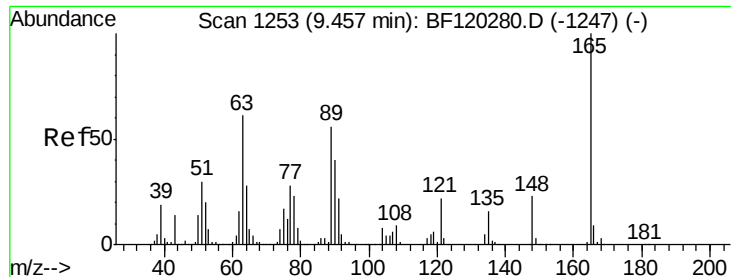


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 35.556 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.04 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampleId :

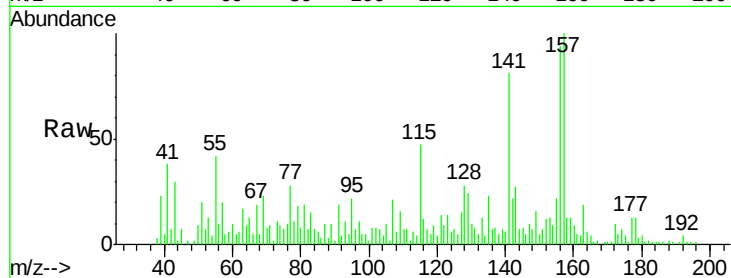
Tot Ion:165 Resp: 761

Ion Ratio Lower Upper

165 100

63 390.5 50.2 75.2#

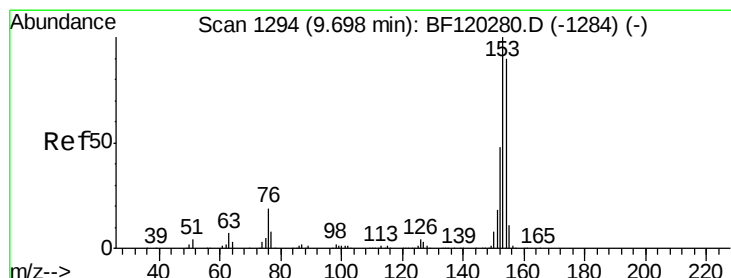
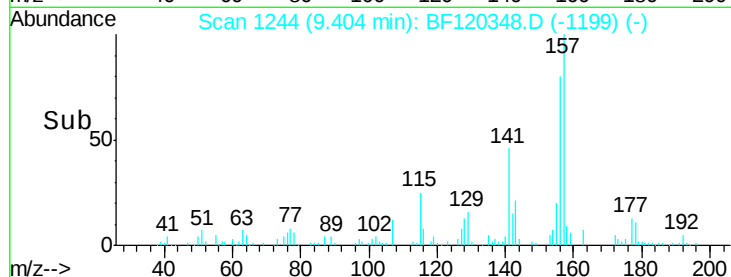
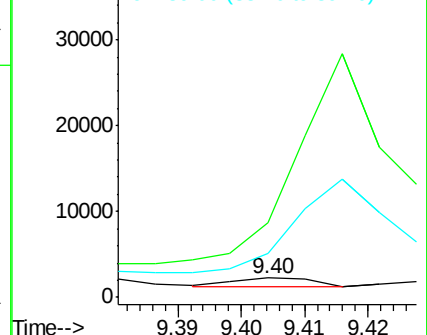
89 230.2 44.6 66.8#



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: 956.758 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

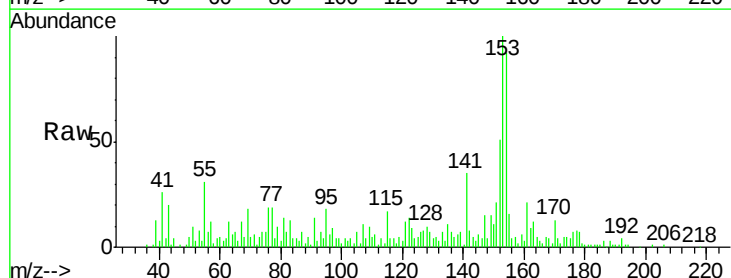
Tgt Ion:154 Resp: 69846

Ion Ratio Lower Upper

154 100

153 109.2 89.0 133.4

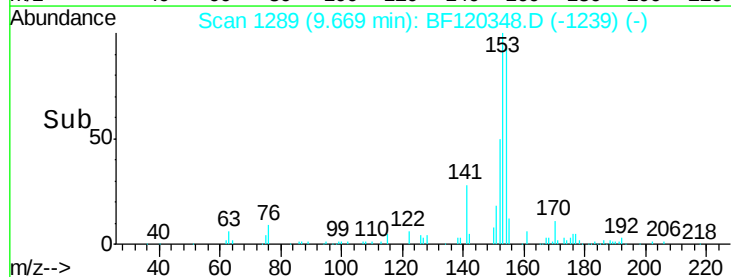
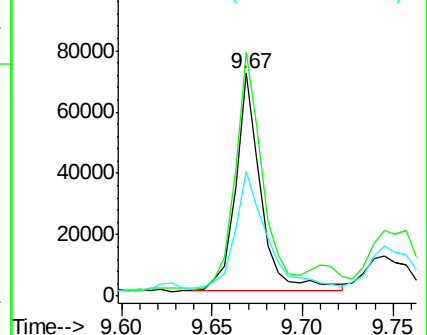
152 56.0 42.6 64.0

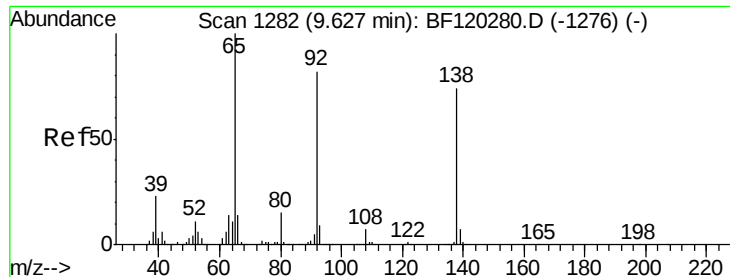


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 498.834 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.04 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampleId :

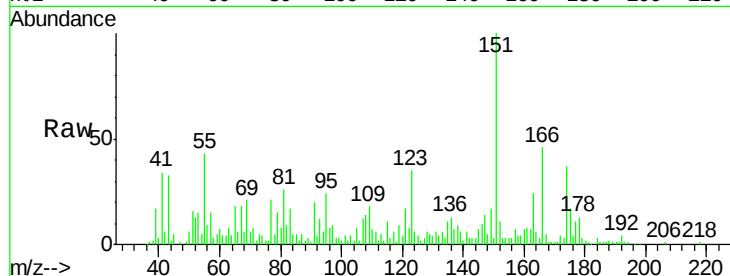
Tot Ion:138 Resp: 12732

Ion Ratio Lower Upper

138 100

108 160.6 8.2 12.2#

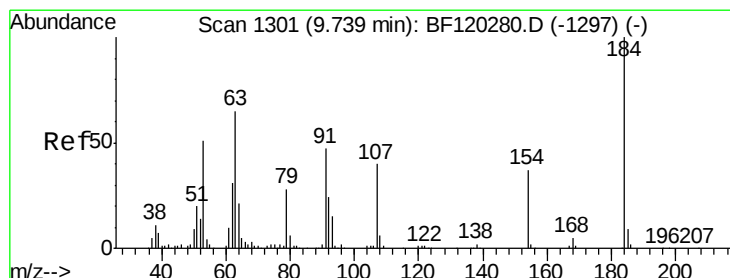
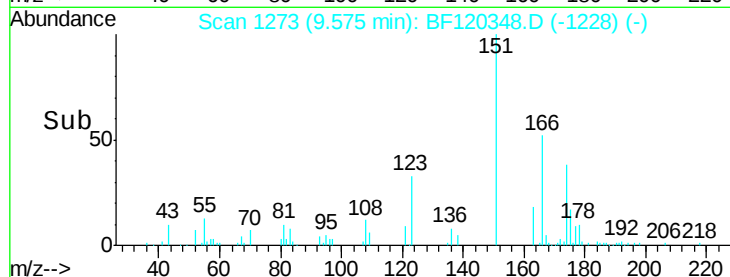
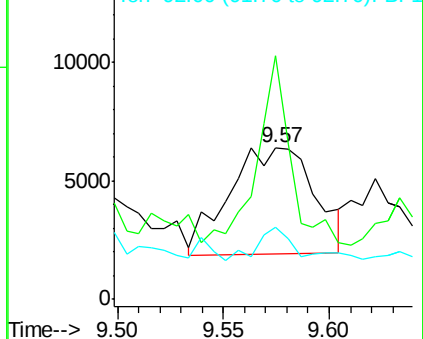
92 47.8 89.6 134.4#



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: 64.338 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.04 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

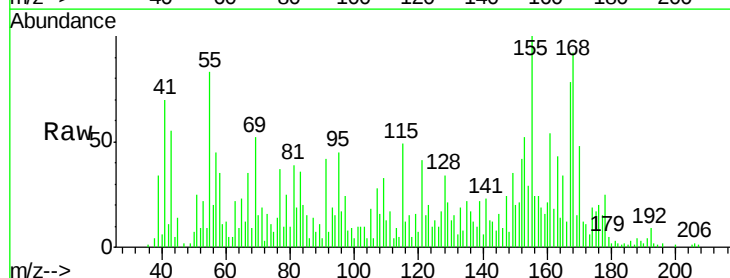
Tgt Ion:184 Resp: 650

Ion Ratio Lower Upper

184 100

63 976.3 53.6 80.4#

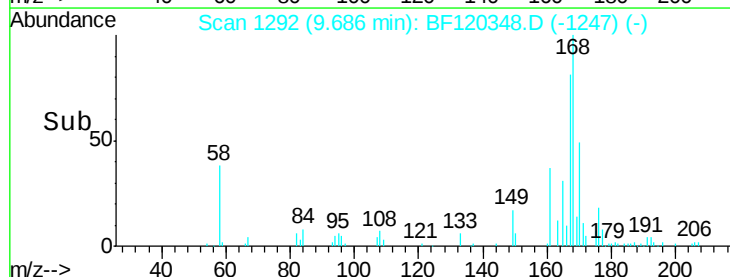
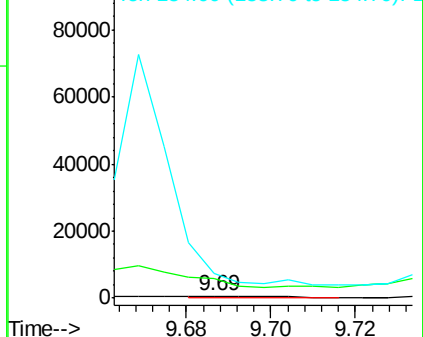
154 1284.9 46.8 70.2#

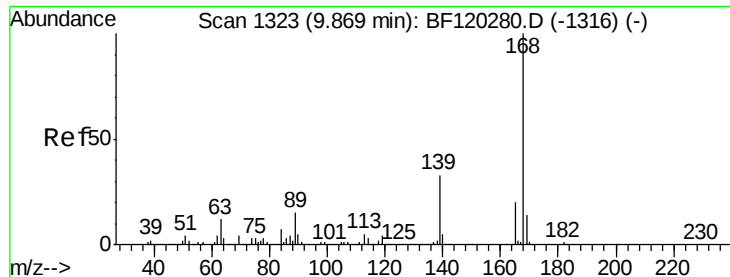


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

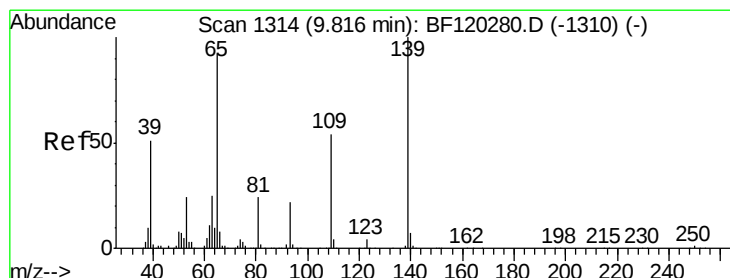
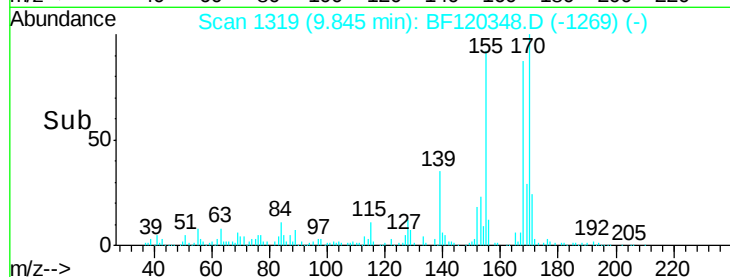
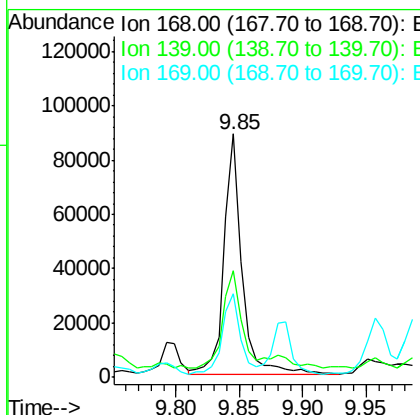
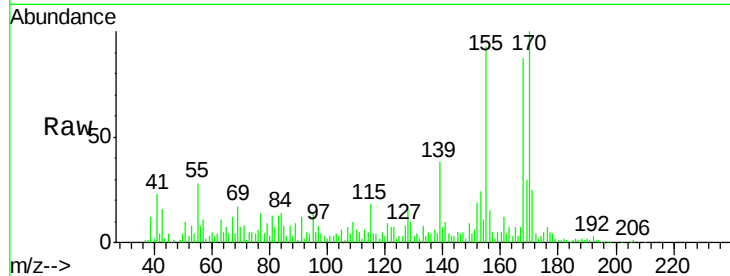




#55  
 Dibenzofuran  
 Concen: 838.511 ng  
 RT: 9.85 min Scan# 1319  
 Delta R.T. -0.01 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

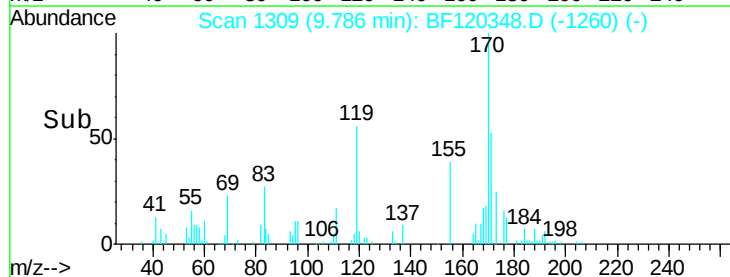
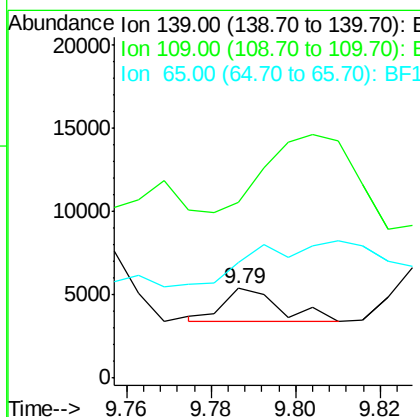
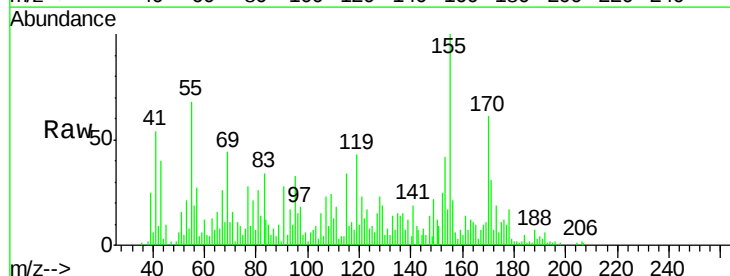
Instrument :  
 BNA\_F  
 ClientSampleId :

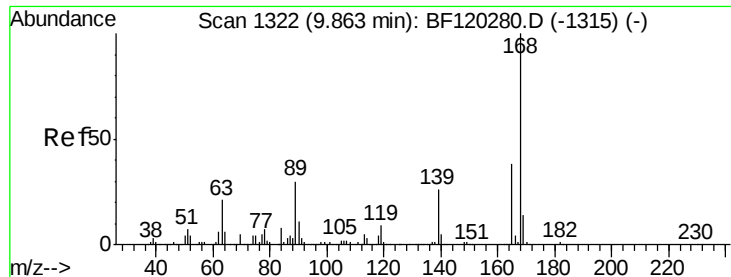
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 43.8  | 29.8  | 44.6  |
| 169     | 34.3  | 11.0  | 16.6  |



#56  
 4-Nitrophenol  
 Concen: 131.103 ng  
 RT: 9.79 min Scan# 1309  
 Delta R.T. -0.01 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 196.3 | 34.6  | 74.6  |
| 65      | 129.0 | 73.3  | 113.3 |

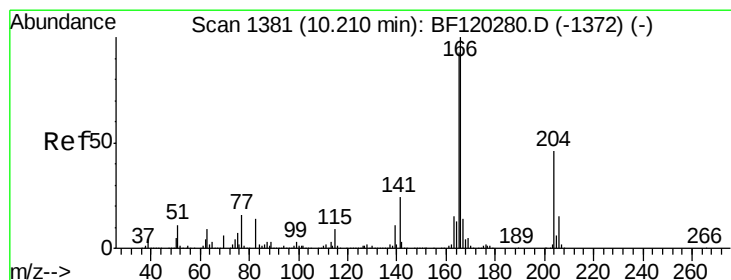
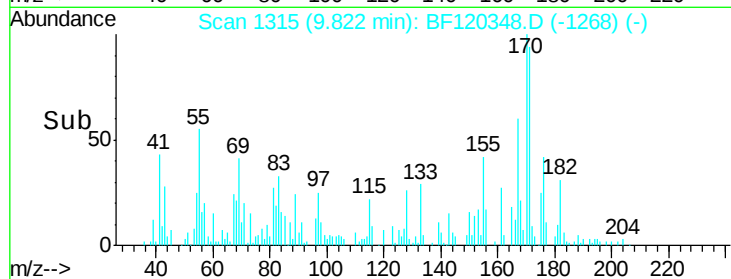
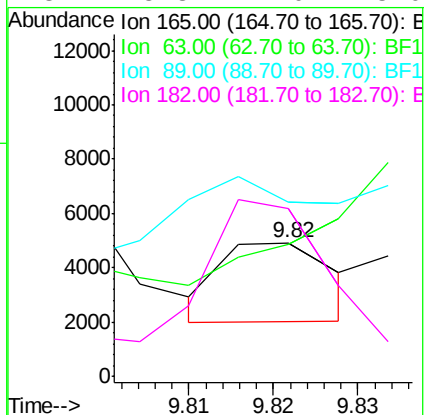
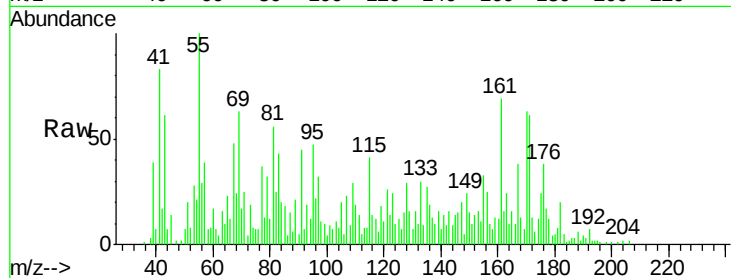




#57  
 2,4-Dinitrotoluene  
 Concen: 106.943 ng  
 RT: 9.82 min Scan# 1315  
 Delta R.T. -0.02 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

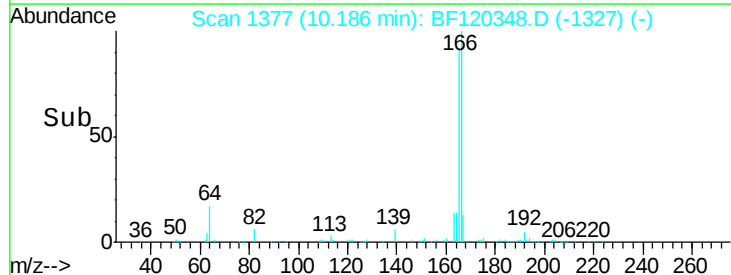
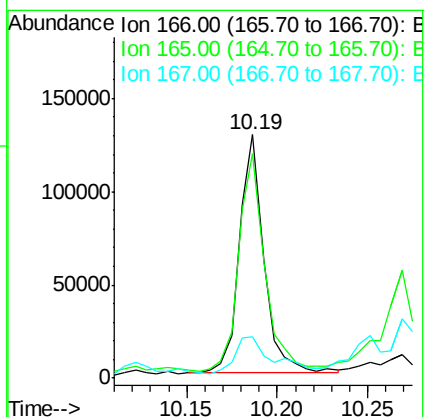
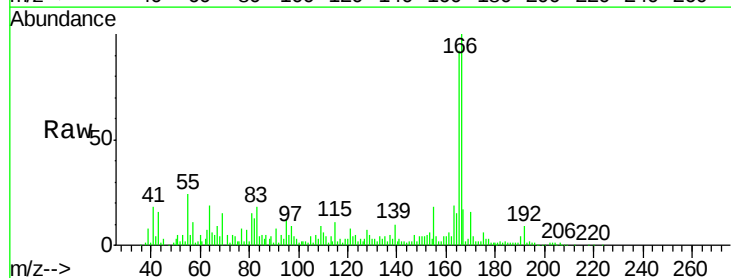
Instrument :  
 BNA\_F  
 ClientSampleId :

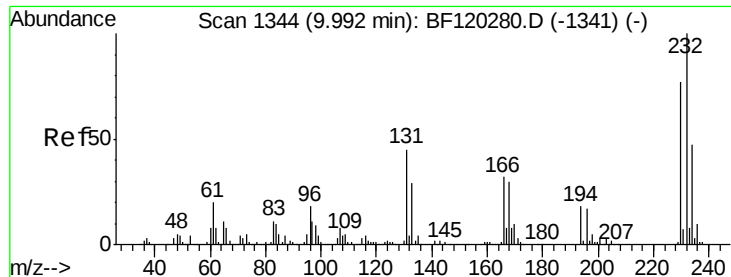
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 165   | Resp: | 2685  |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 98.9  | 51.8  | 77.8# |
| 89       | 130.6 | 64.2  | 96.4# |
| 182      | 125.3 | 2.0   | 3.0#  |



#58  
 Fluorene  
 Concen: 1521.947 ng  
 RT: 10.19 min Scan# 1377  
 Delta R.T. -0.01 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 121851 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 92.4  | 74.7  | 112.1  |
| 167      | 17.1  | 11.4  | 17.0#  |

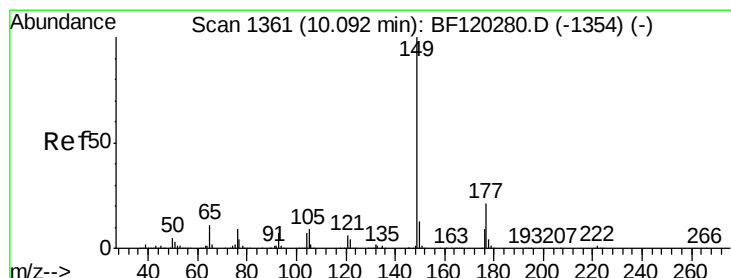
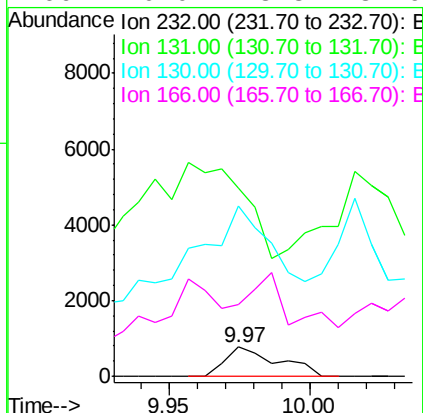
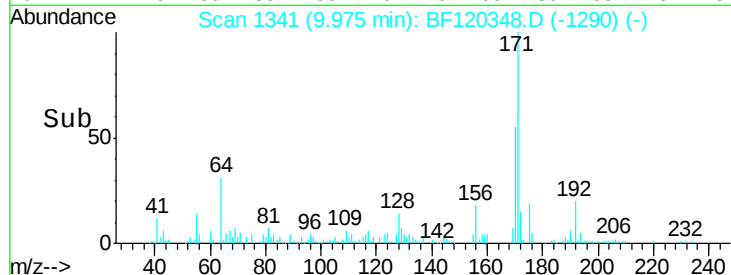
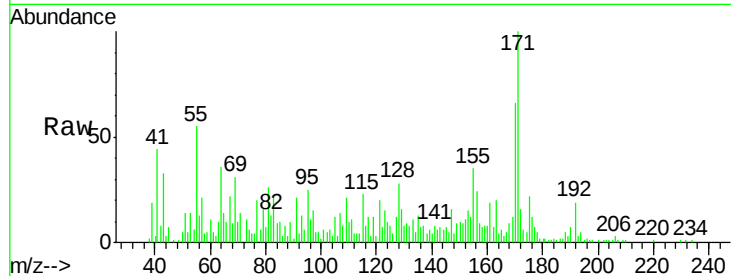




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.937 ng  
 RT: 9.97 min Scan# 1341  
 Delta R.T. -0.00 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

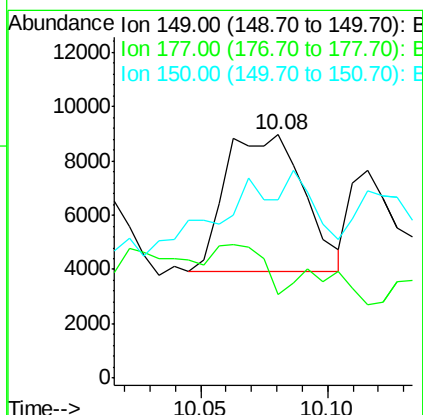
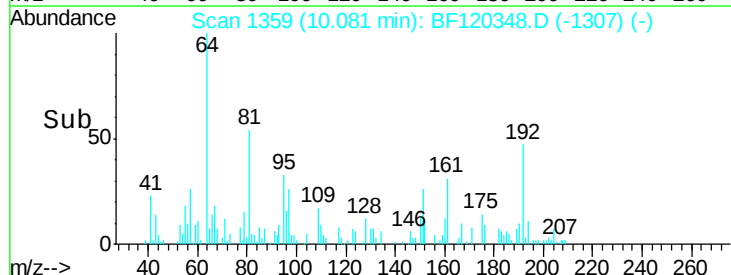
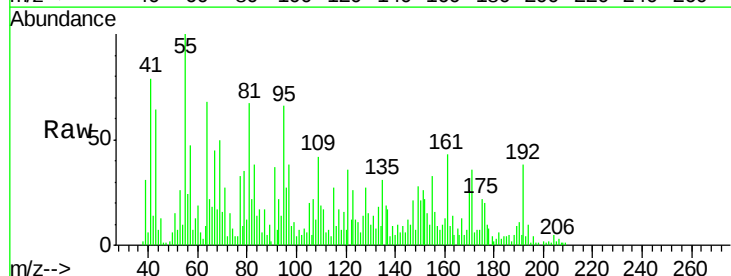
Instrument :  
 BNA\_F  
 ClientSampled :

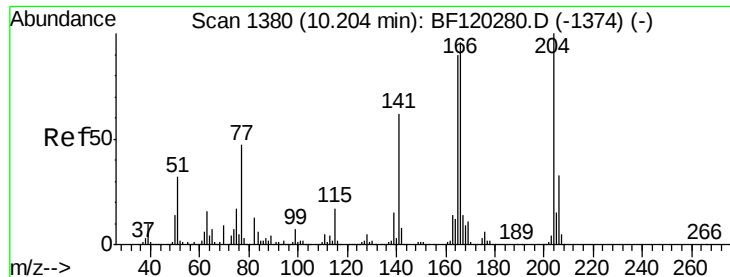
Tot Ion:232 Resp: 975  
 Ion Ratio Lower Upper  
 232 100  
 131 734.3 34.1 51.1#  
 130 493.1 1.7 2.5#  
 166 0.0 23.3 34.9#



#60  
 Diethylphthalate  
 Concen: 116.590 ng  
 RT: 10.08 min Scan# 1359  
 Delta R.T. 0.01 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

Tgt Ion:149 Resp: 10794  
 Ion Ratio Lower Upper  
 149 100  
 177 34.5 17.1 25.7#  
 150 73.2 10.3 15.5#

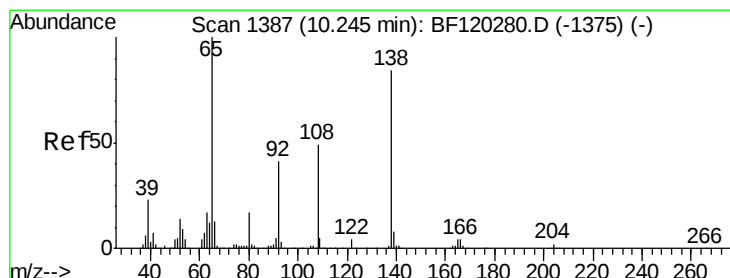
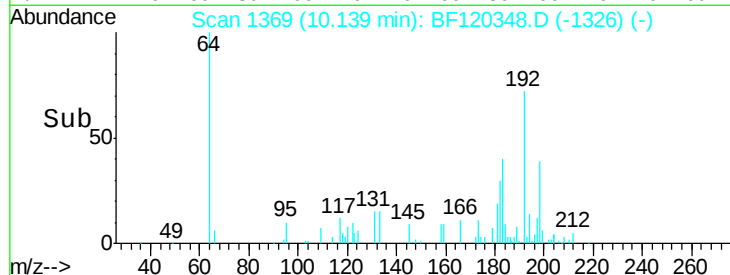
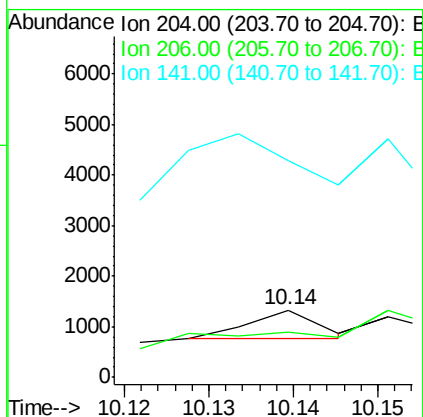
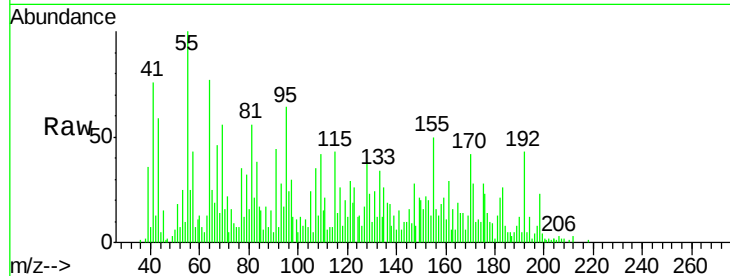




#61  
 4-Chlorophenyl-phenylether  
 Concen: 7.928 ng  
 RT: 10.14 min Scan# 1369  
 Delta R.T. -0.05 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

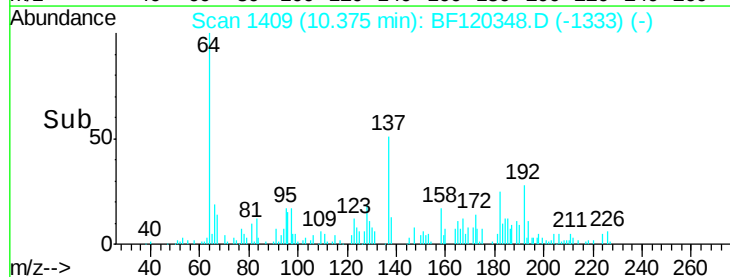
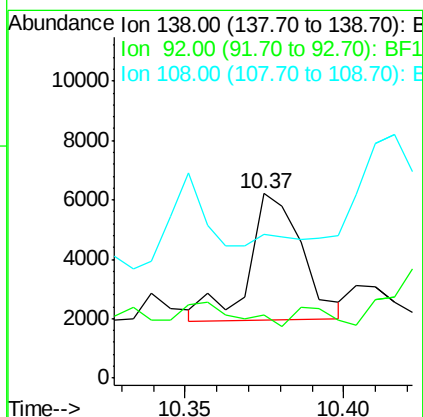
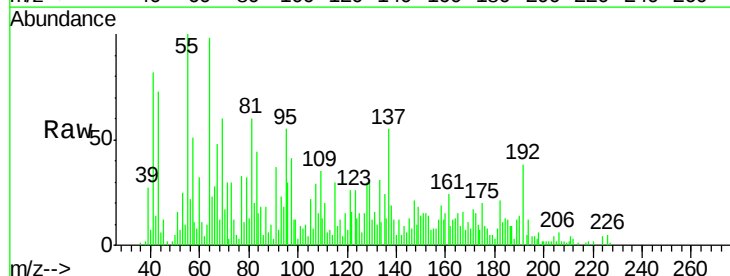
Instrument :  
 BNA\_F  
 ClientSampleId :

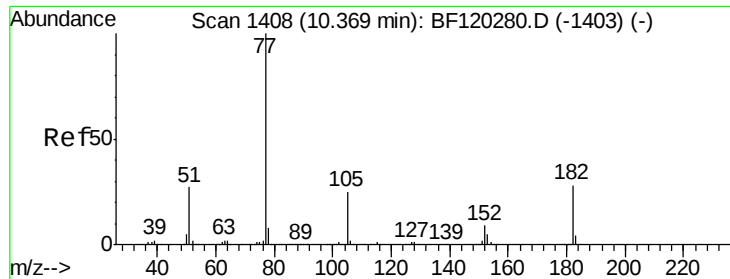
Tot Ion:204 Resp: 330  
 Ion Ratio Lower Upper  
 204 100  
 206 66.7 26.8 40.2#  
 141 321.3 49.5 74.3#



#62  
 4-Nitroaniline  
 Concen: 208.356 ng  
 RT: 10.37 min Scan# 1409  
 Delta R.T. 0.15 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

Tgt Ion:138 Resp: 4952  
 Ion Ratio Lower Upper  
 138 100  
 92 34.5 28.9 68.9  
 108 78.1 38.4 78.4





#63

Azobenzene

Concen: 106.858 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.01 min

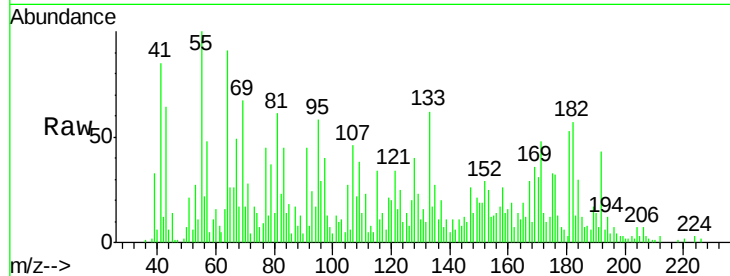
Lab File: BF120348.D

Acq: 18 May 2020 18:12

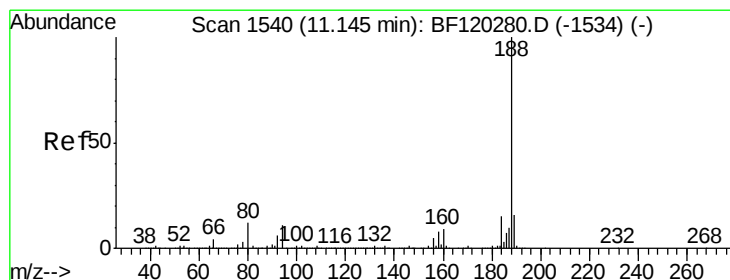
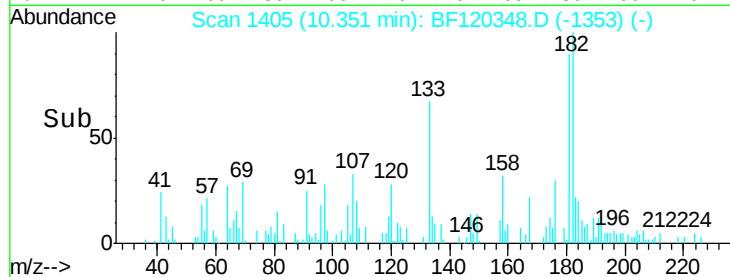
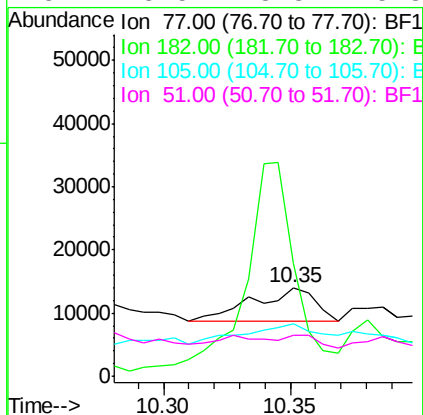
Instrument :

BNA\_F

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 9350  |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 182      | 126.5 | 7.4   | 47.4# |
| 105      | 58.6  | 4.4   | 44.4# |
| 51       | 45.5  | 8.3   | 48.3  |



#64

Phenanthrene-d10

Concen: 20.000 ng

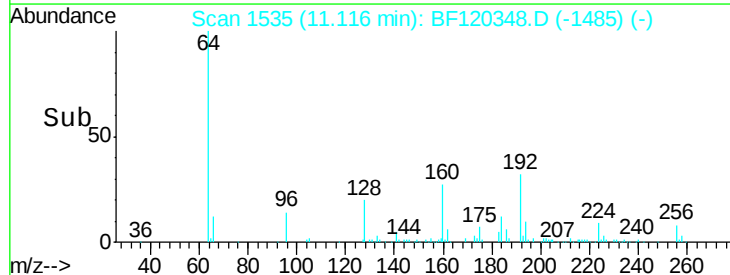
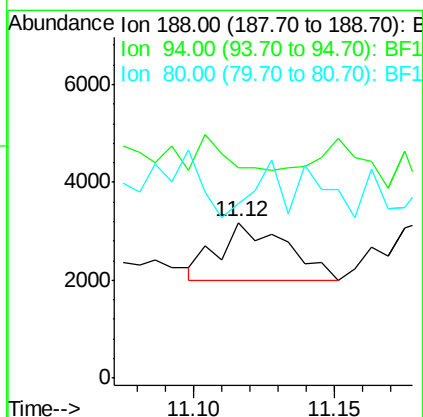
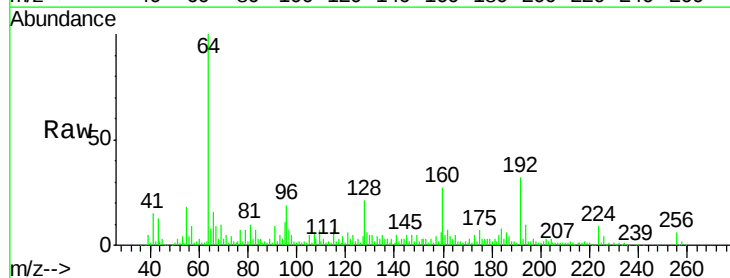
RT: 11.12 min Scan# 1535

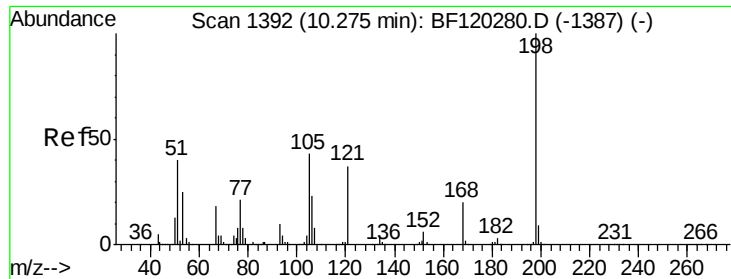
Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 1940  |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 135.3 | 8.6   | 13.0# |
| 80       | 112.7 | 9.2   | 13.8# |

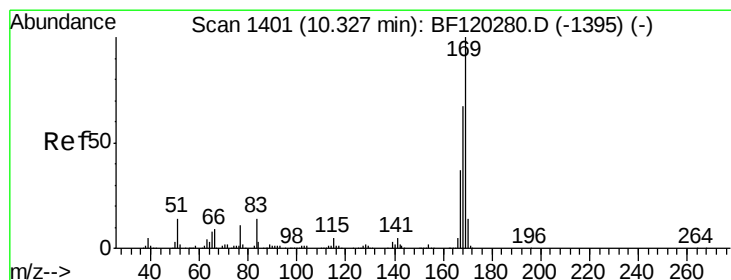
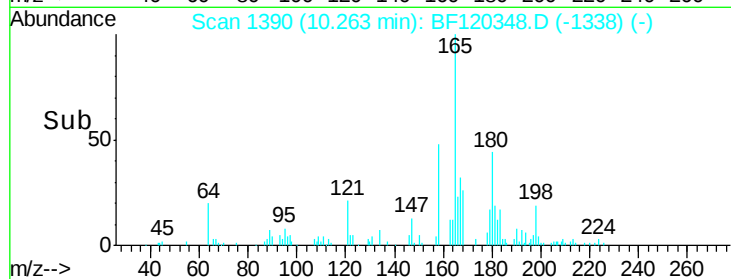
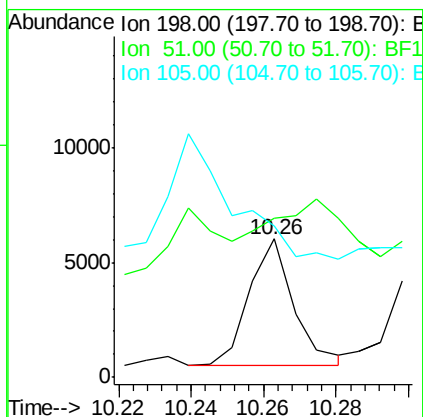
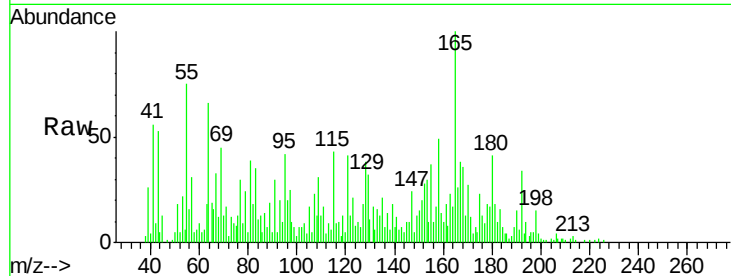




#65  
4,6-Dinitro-2-methylphenol  
Concen: 474.456 ng  
RT: 10.26 min Scan# 1390  
Delta R.T. 0.01 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

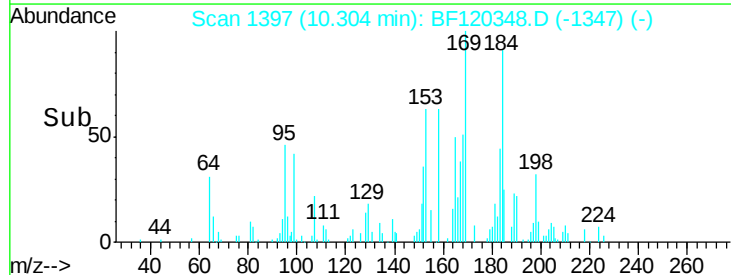
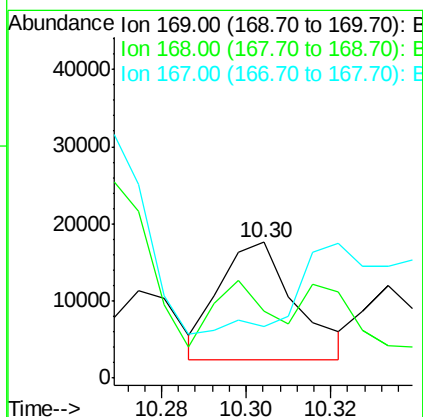
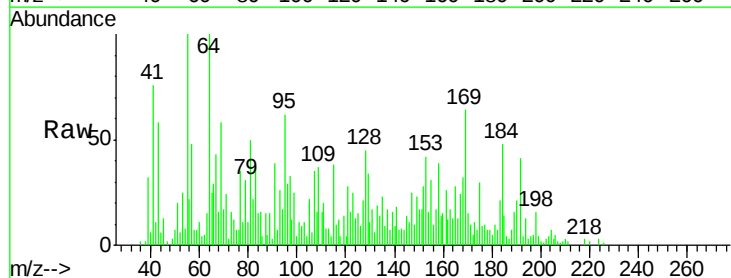
Instrument :  
BNA\_F  
ClientSampled :

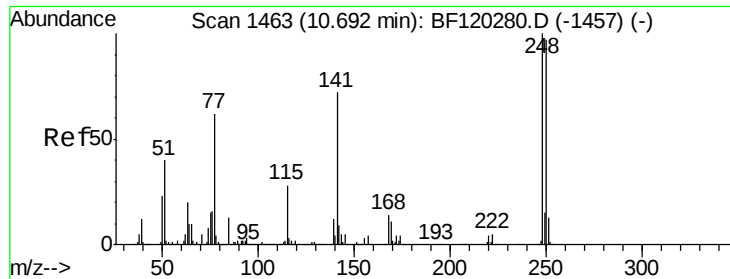
Tot Ion:198 Resp: 4655  
Ion Ratio Lower Upper  
198 100  
51 114.5 27.1 67.1#  
105 109.4 24.3 64.3#



#66  
n-Nitrosodiphenylamine  
Concen: 357.021 ng  
RT: 10.30 min Scan# 1397  
Delta R.T. -0.01 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

Tgt Ion:169 Resp: 19162  
Ion Ratio Lower Upper  
169 100  
168 49.3 53.7 80.5#  
167 38.1 29.8 44.6

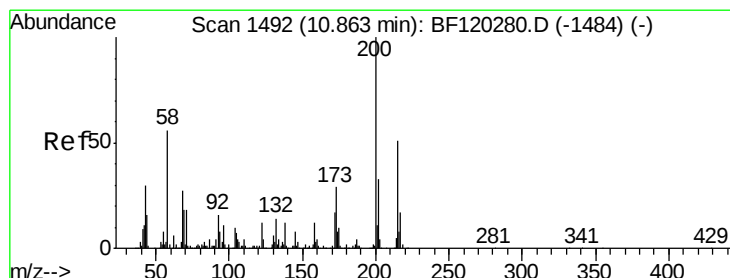
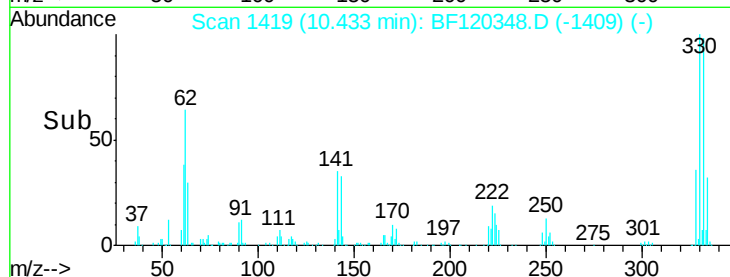
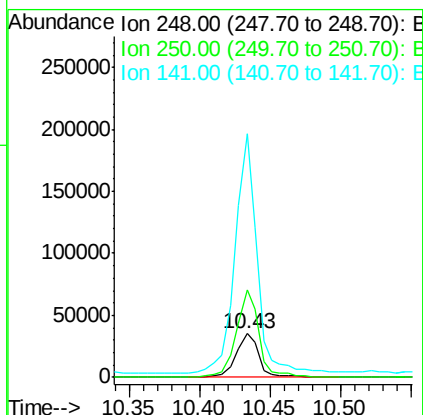
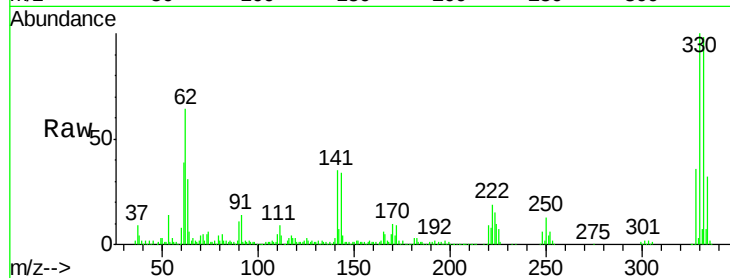




#67  
4-Bromophenyl-phenylether  
Concen: 2149.605 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. -0.24 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

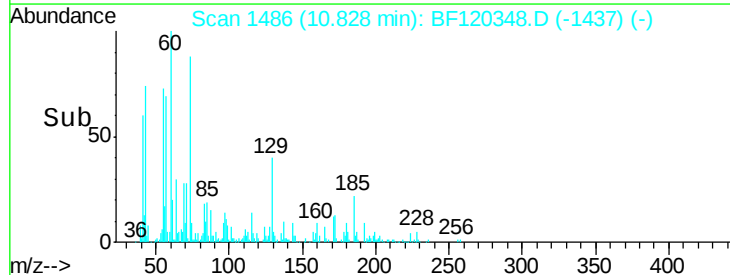
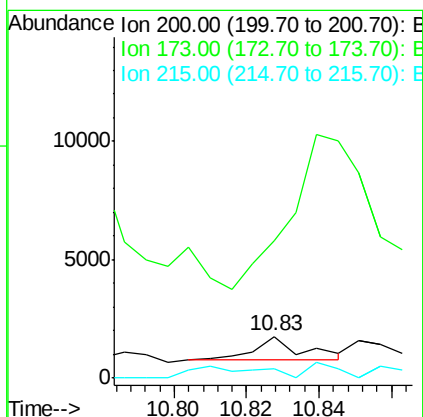
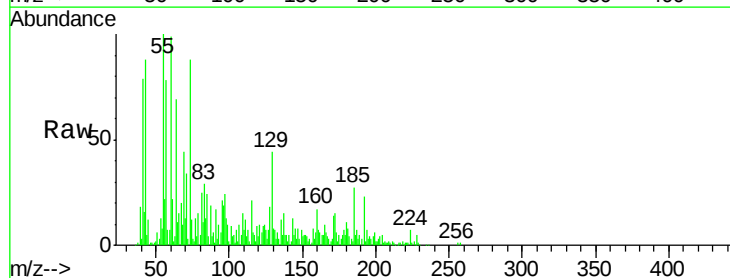
Instrument :  
BNA\_F  
ClientSampleId :

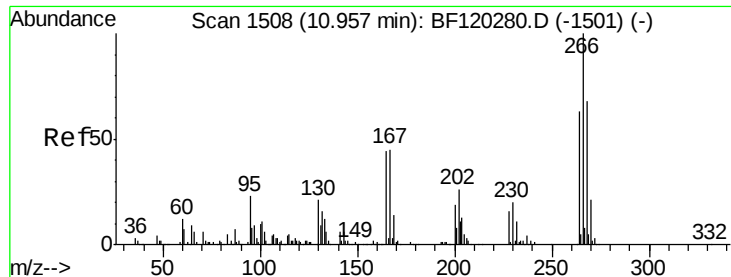
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 248     | 100   |       |        |
| 250     | 200.8 | 77.8  | 116.6# |
| 141     | 561.4 | 57.7  | 86.5#  |



#69  
Atrazine  
Concen: 59.340 ng  
RT: 10.83 min Scan# 1486  
Delta R.T. -0.01 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 328.2 | 8.7   | 48.7# |
| 215     | 22.0  | 30.6  | 70.6# |





#70

Pentachlorophenol

Concen: 619.608 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampleId :

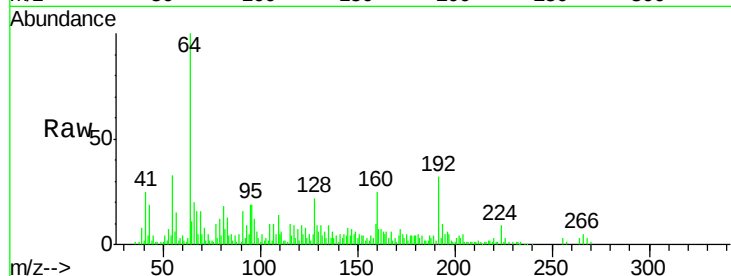
Tot Ion:266 Resp: 5190

Ion Ratio Lower Upper

266 100

268 62.3 54.2 81.4

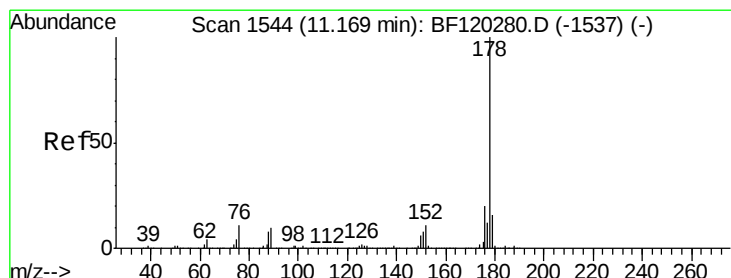
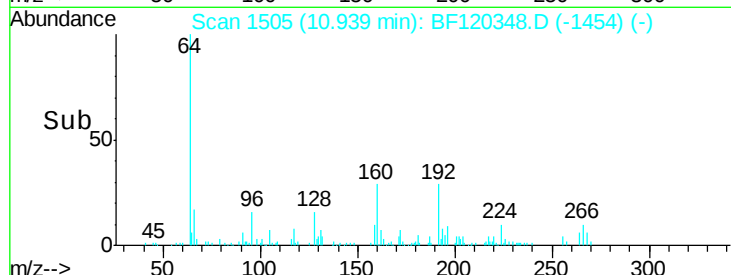
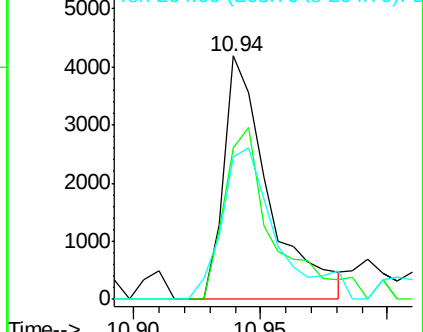
264 58.6 50.2 75.4



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: 4547.237 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

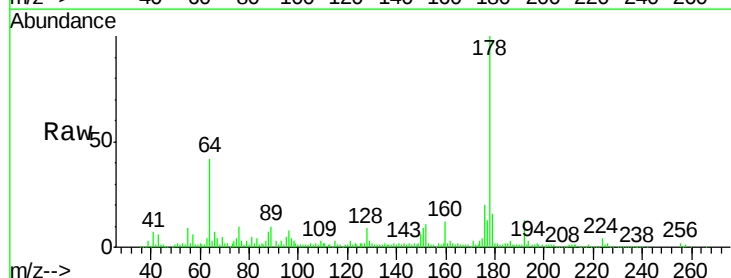
Tgt Ion:178 Resp: 370686

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

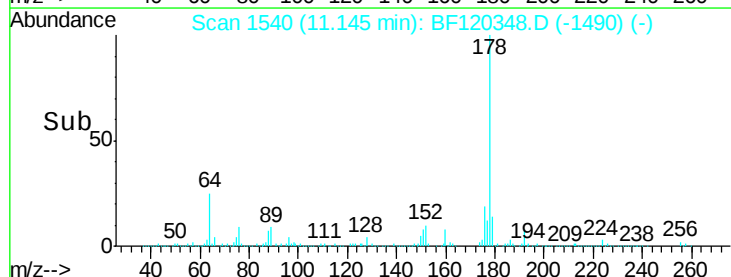
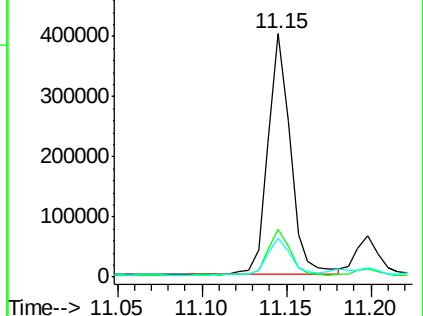
179 16.1 12.8 19.2

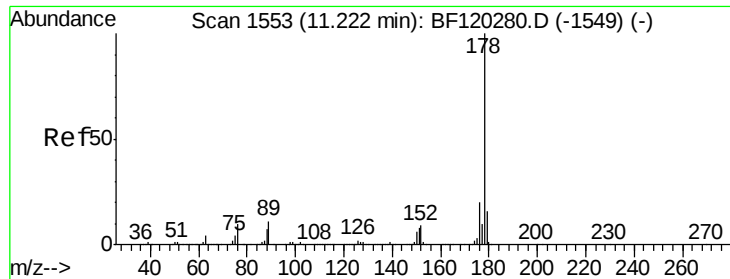


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 4228.556 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.06 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampleId :

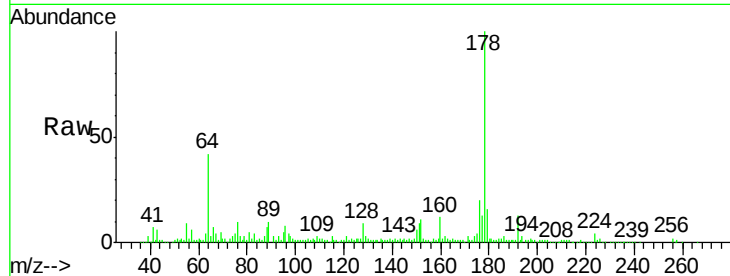
Tot Ion:178 Resp: 369024

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

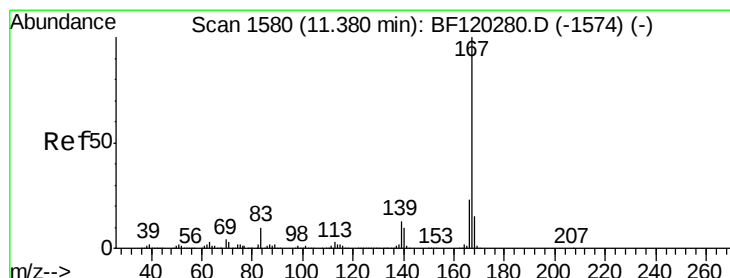
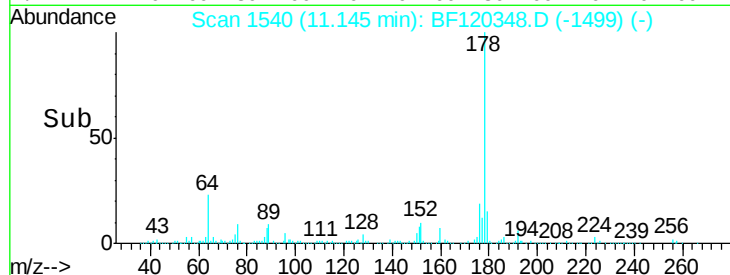
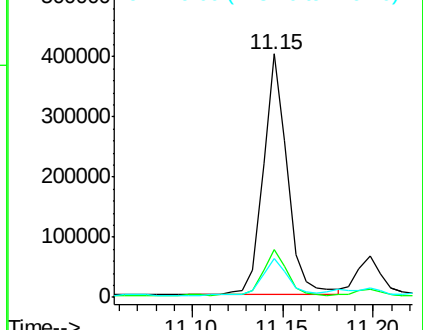
179 16.1 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 939.755 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

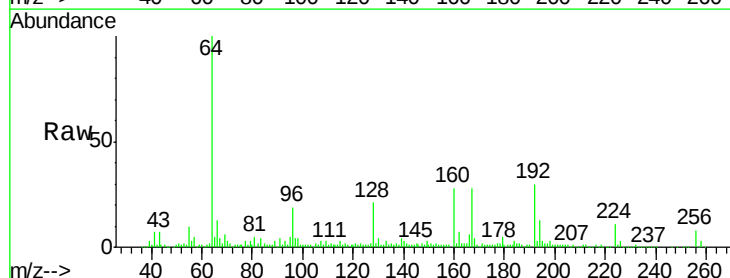
Tgt Ion:167 Resp: 76628

Ion Ratio Lower Upper

167 100

166 23.0 18.1 27.1

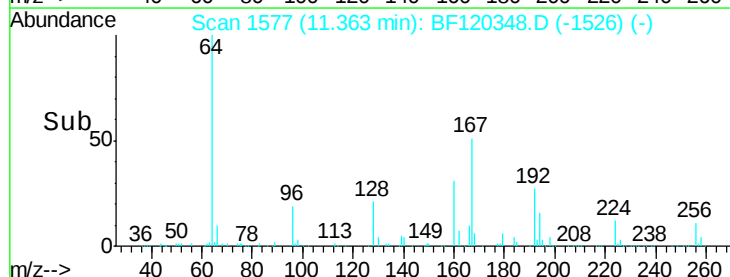
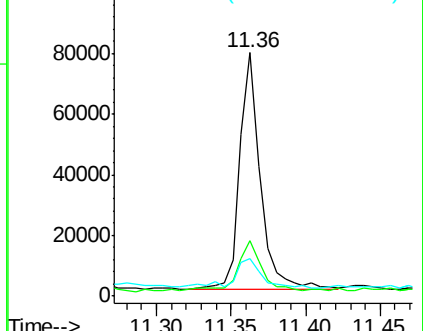
139 15.4 10.6 15.8

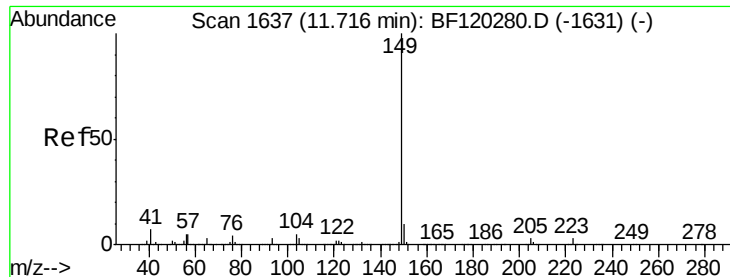


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 107.977 ng

RT: 11.70 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampled :

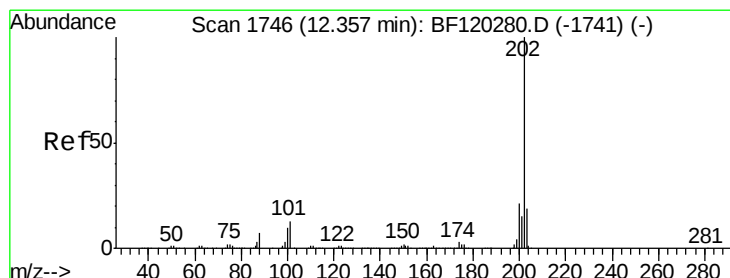
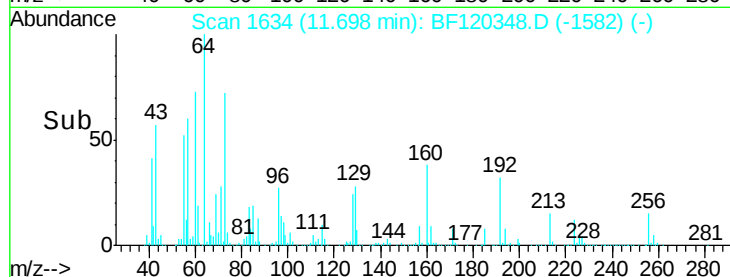
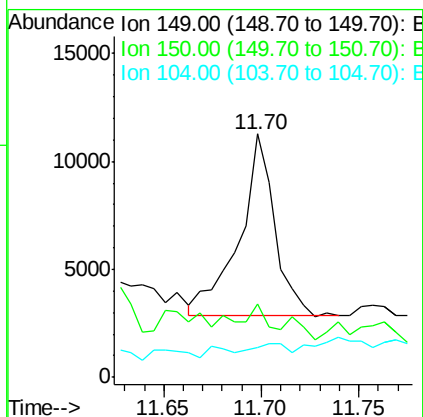
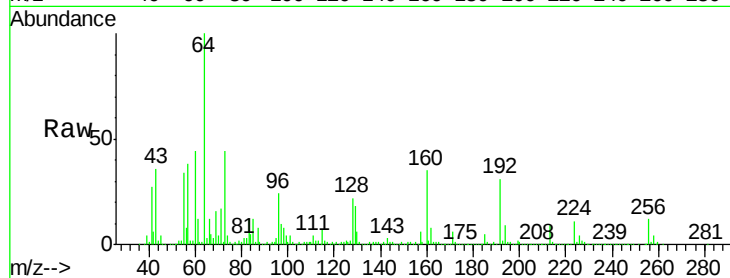
Tot Ion:149 Resp: 10611

Ion Ratio Lower Upper

149 100

150 29.9 8.2 12.4#

104 12.1 3.8 5.8#



#75

Fluoranthene

Concen: 287.074 ng

RT: 12.35 min Scan# 1745

Delta R.T. 0.02 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

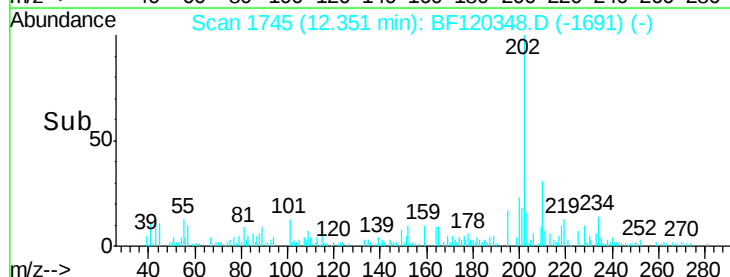
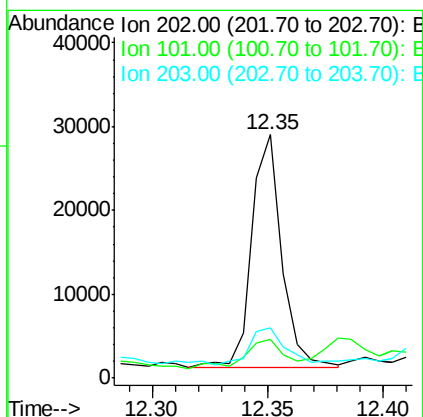
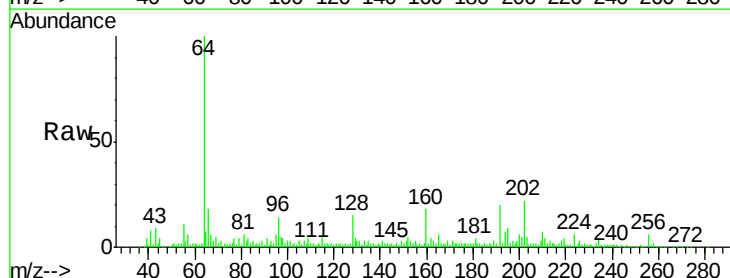
Tgt Ion:202 Resp: 25083

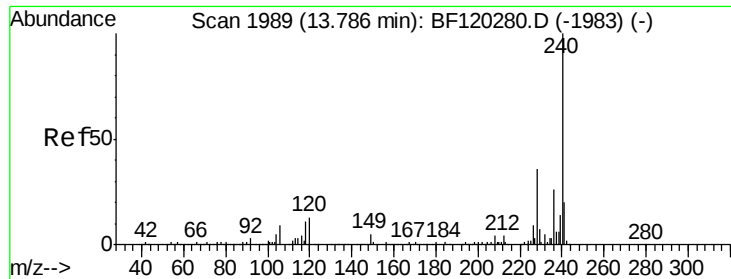
Ion Ratio Lower Upper

202 100

101 15.8 0.0 33.2

203 20.8 0.0 39.1

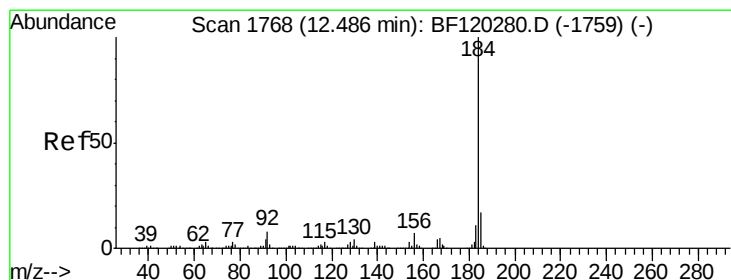
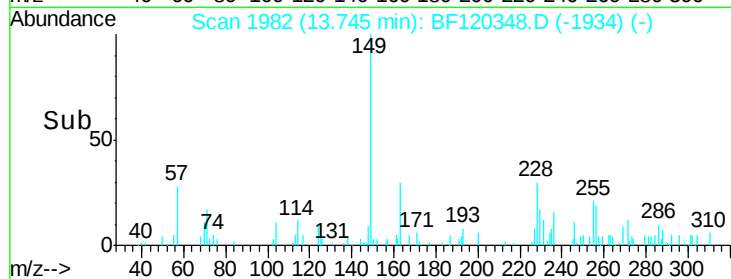
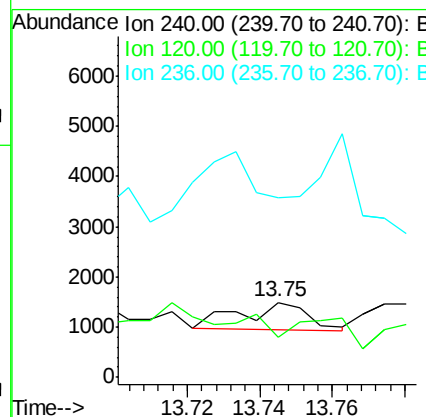
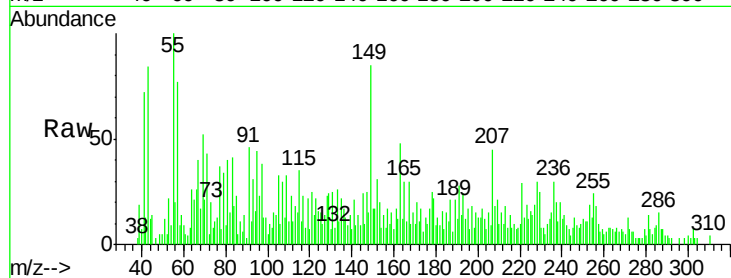




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 13.75 min Scan# 1982  
 Delta R.T. -0.02 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

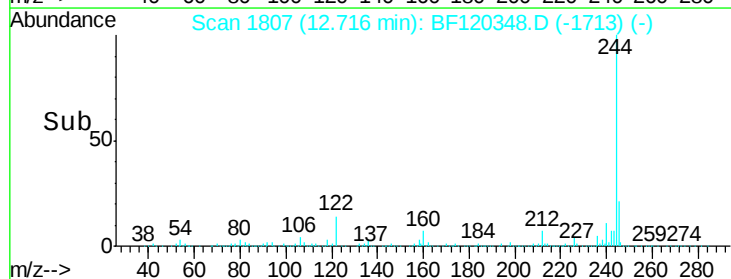
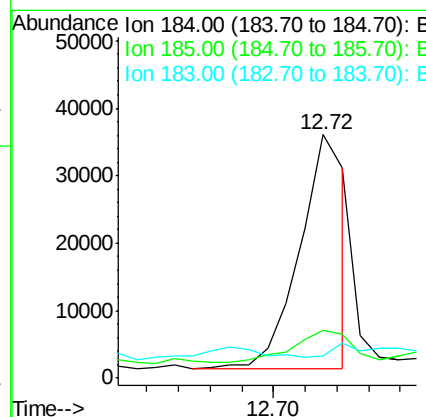
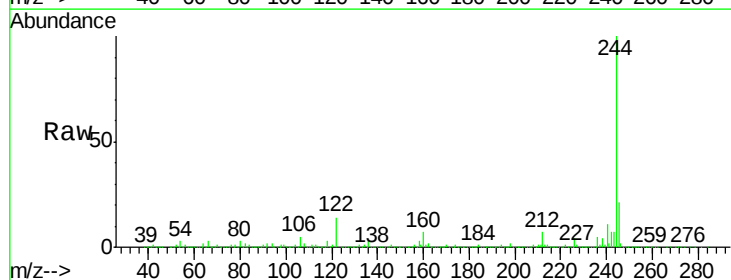
Instrument :  
 BNA\_F  
 ClientSampleId :

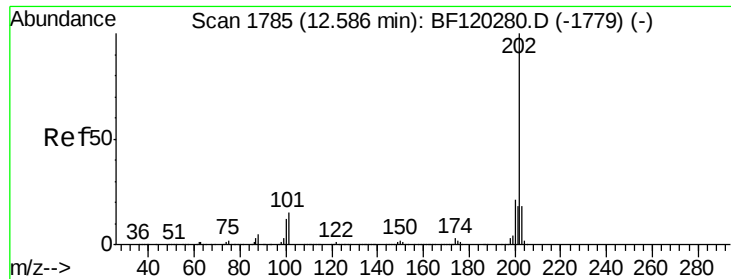
Tot Ion:240 Resp: 713  
 Ion Ratio Lower Upper  
 240 100  
 120 53.9 10.4 15.6#  
 236 239.5 21.0 31.6#



#77  
 Benzidine  
 Concen: 1678.368 ng  
 RT: 12.72 min Scan# 1807  
 Delta R.T. 0.25 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

Tgt Ion:184 Resp: 34945  
 Ion Ratio Lower Upper  
 184 100  
 185 19.5 13.7 20.5  
 183 9.2 8.7 13.1

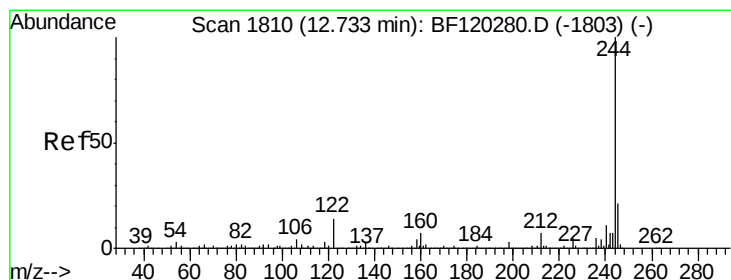
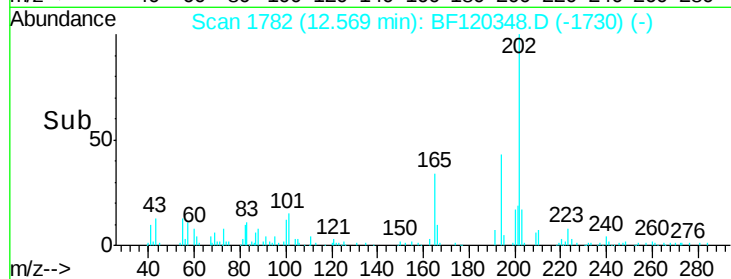
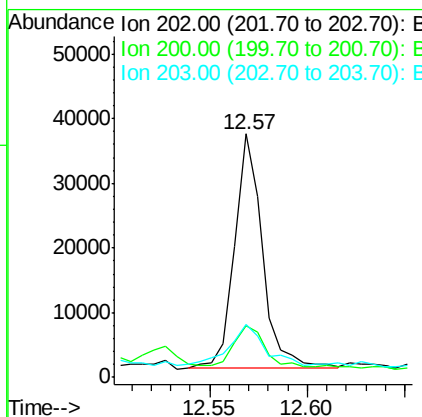
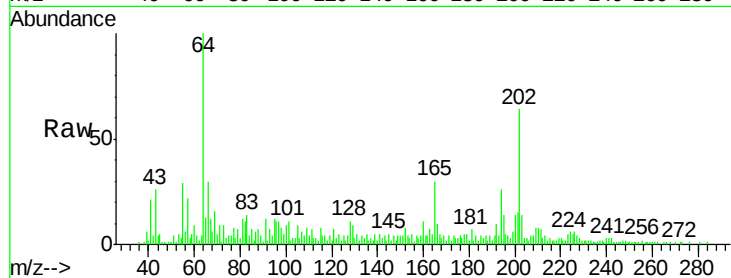




#78  
Pvrene  
Concen: 707.593 ng  
RT: 12.57 min Scan# 1782  
Delta R.T. 0.01 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

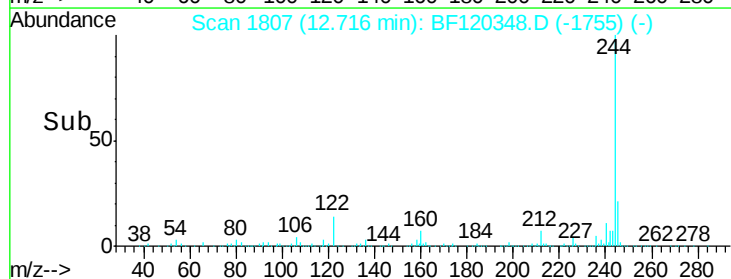
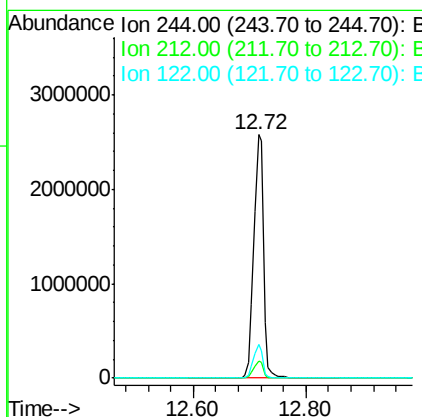
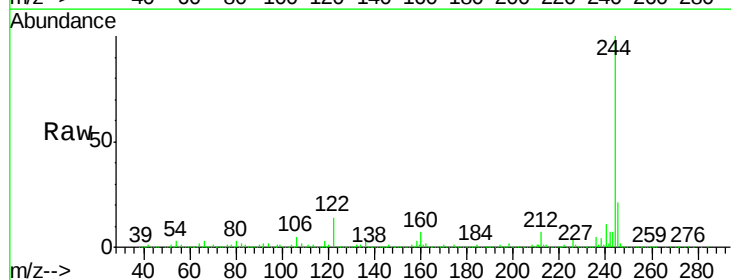
Instrument :  
BNA\_F  
ClientSampleId :

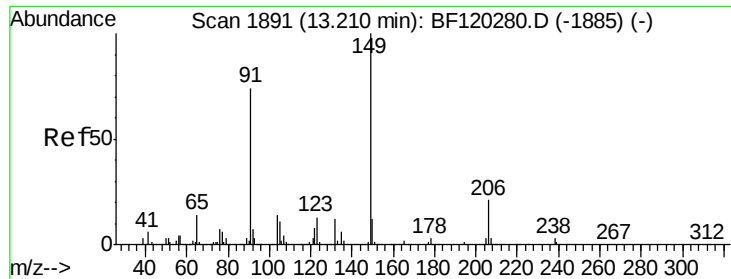
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.4  | 16.6  | 25.0  |
| 203     | 21.9  | 14.6  | 22.0  |



#79  
Terphenyl-d14  
Concen: 95623.171 ng  
RT: 12.72 min Scan# 1807  
Delta R.T. 0.01 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.9   | 5.8   | 8.6   |
| 122     | 13.7  | 10.8  | 16.2  |

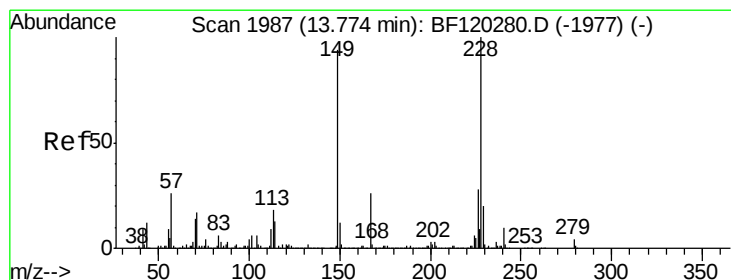
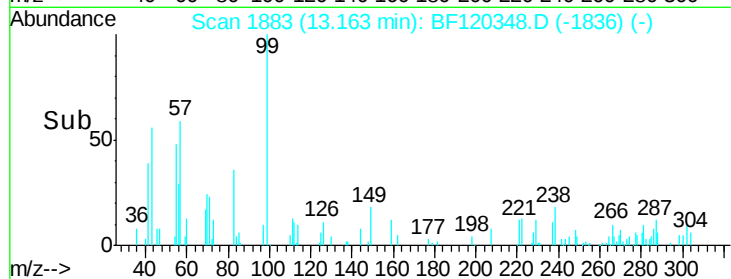
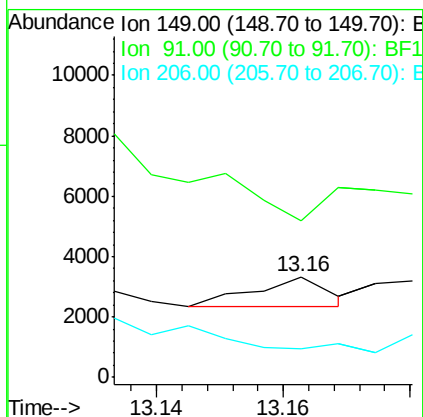
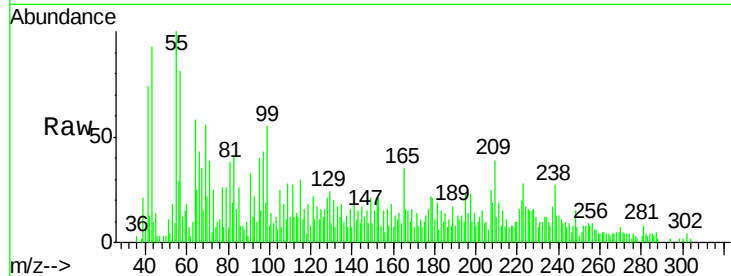




#80  
Butylbenzylphthalate  
Concen: 33.549 ng  
RT: 13.16 min Scan# 1883  
Delta R.T. -0.02 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

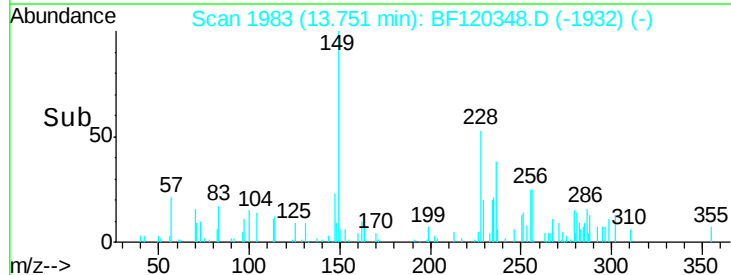
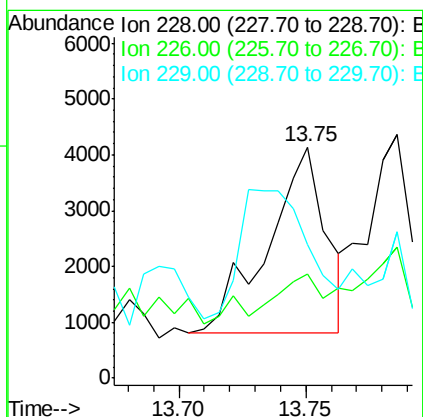
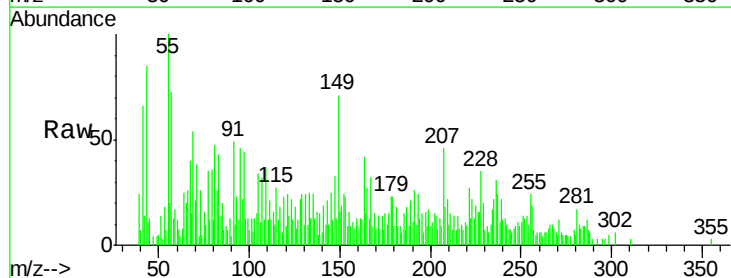
Instrument :  
BNA\_F  
ClientSampled :

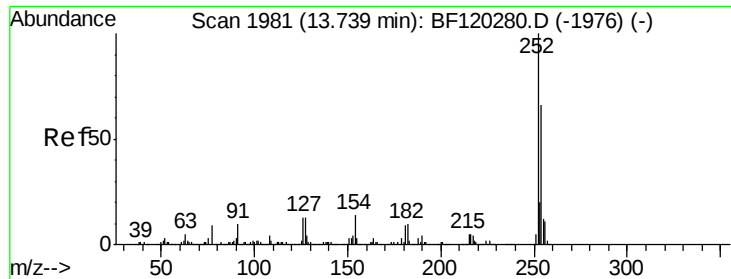
Tot Ion:149 Resp: 803  
Ion Ratio Lower Upper  
149 100  
91 156.0 59.0 88.4#  
206 28.9 16.8 25.2#



#81  
Benzo(a)anthracene  
Concen: 141.599 ng  
RT: 13.75 min Scan# 1983  
Delta R.T. -0.00 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

Tgt Ion:228 Resp: 5325  
Ion Ratio Lower Upper  
228 100  
226 45.1 22.6 33.8#  
229 57.6 16.4 24.6#

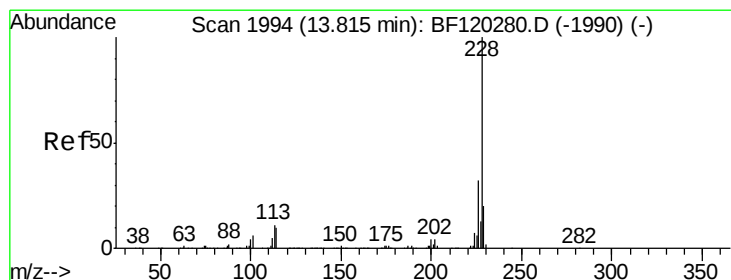
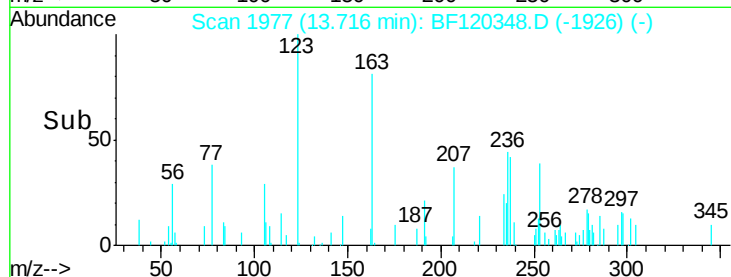
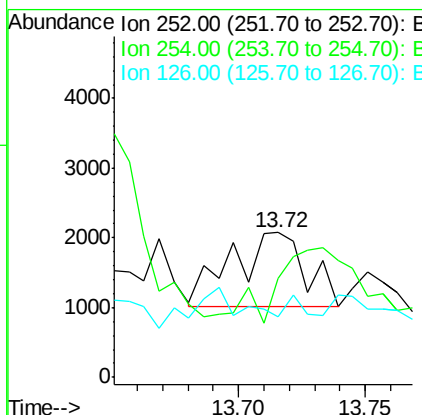
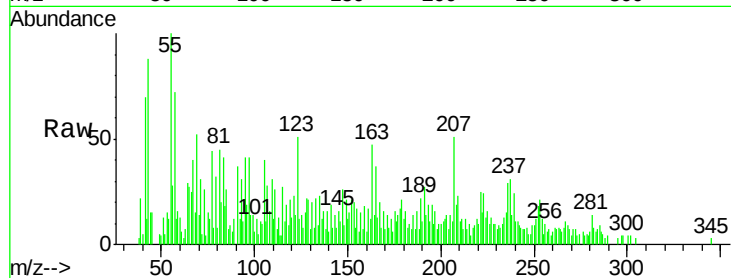




#82  
 3,3'-Dichlorobenzidine  
 Concen: 154.675 ng  
 RT: 13.72 min Scan# 1977  
 Delta R.T. -0.00 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

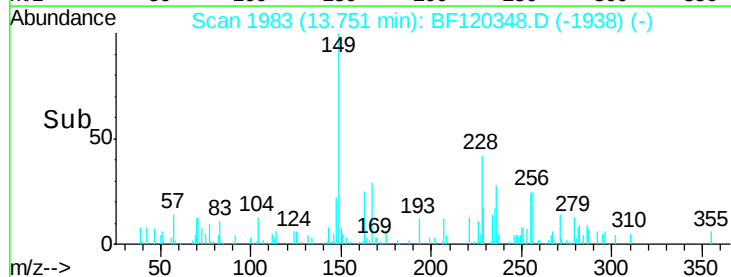
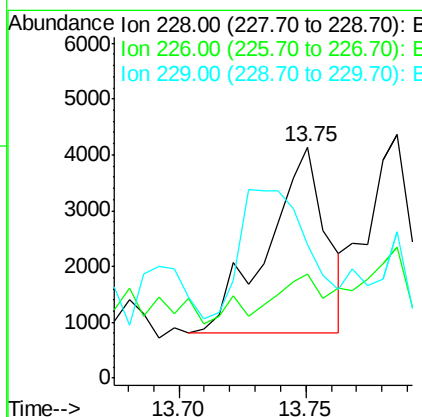
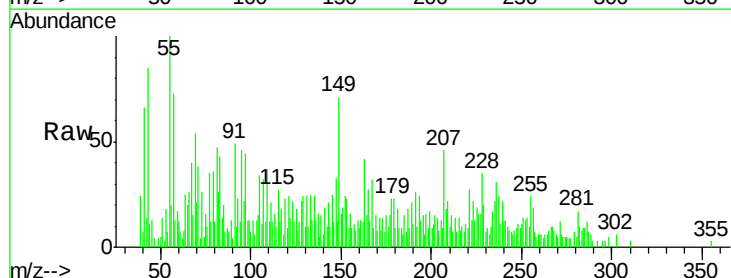
Instrument :  
 BNA\_F  
 ClientSampleId :

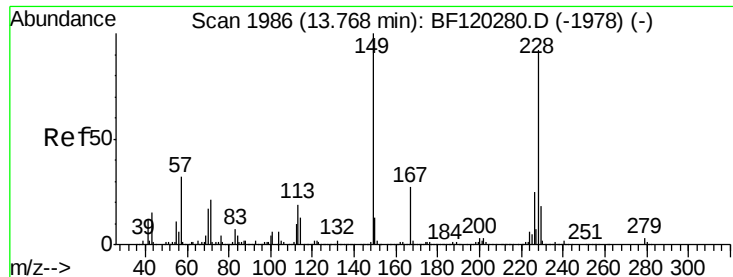
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 68.6  | 52.6  | 78.8  |
| 126     | 42.0  | 10.7  | 16.1  |



#83  
 Chrysene  
 Concen: 131.867 ng  
 RT: 13.75 min Scan# 1983  
 Delta R.T. -0.04 min  
 Lab File: BF120348.D  
 Acq: 18 May 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 45.1  | 25.0  | 37.6# |
| 229     | 57.6  | 16.2  | 24.4# |





#84

Bis(2-ethylhexyl)phthalate

Concen: 263.542 ng

RT: 13.75 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampleId :

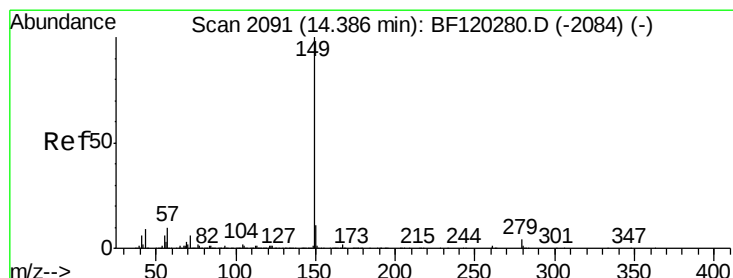
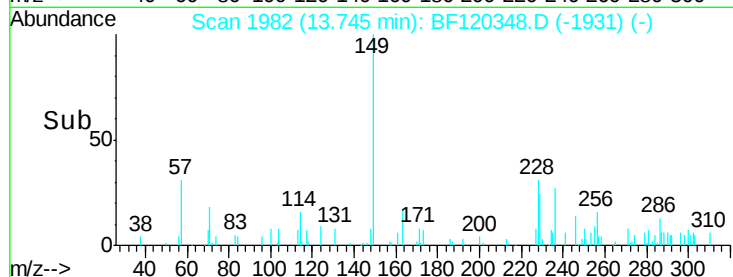
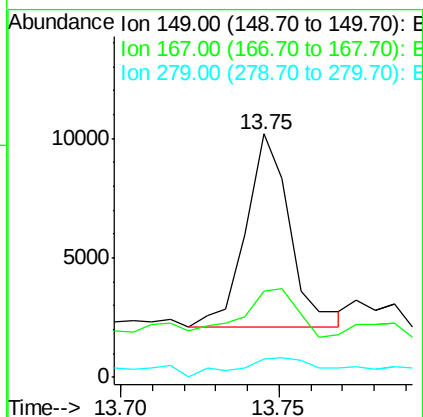
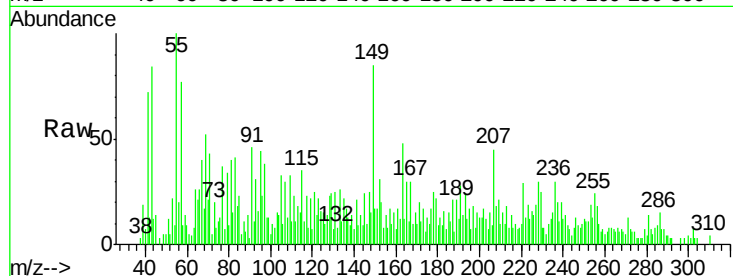
Tot Ion:149 Resp: 7848

Ion Ratio Lower Upper

149 100

167 35.3 21.8 32.8#

279 7.7 2.8 4.2#



#85

Di-n-octyl phthalate

Concen: 5.619 ng

RT: 14.35 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

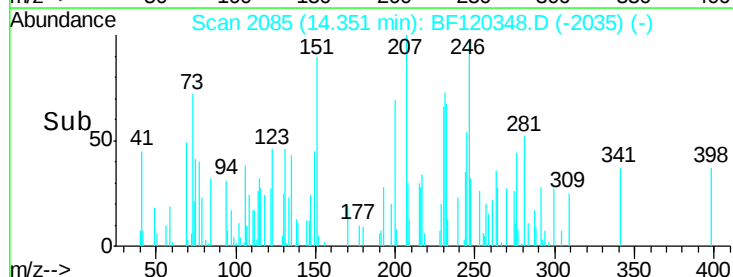
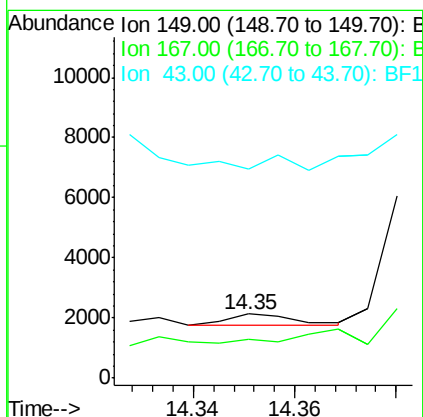
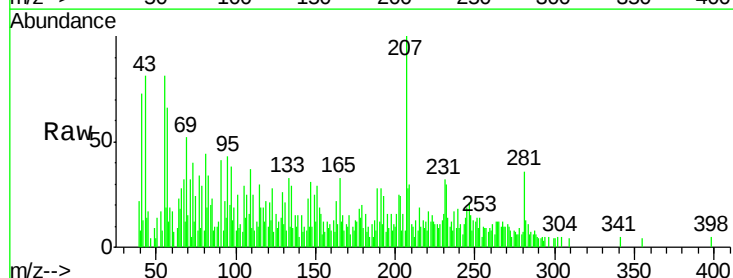
Tgt Ion:149 Resp: 301

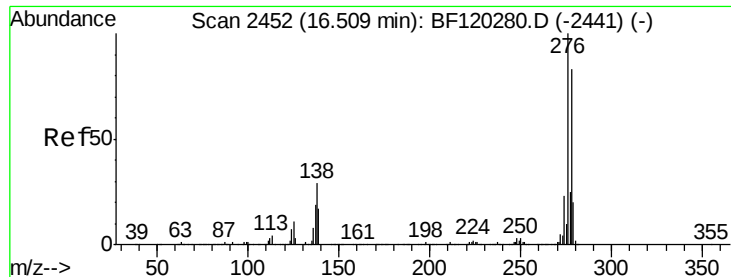
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 7.5 11.3#





#86

Indeno(1,2,3-cd)pyrene

Concen: 3.056 ng

RT: 16.43 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampleId :

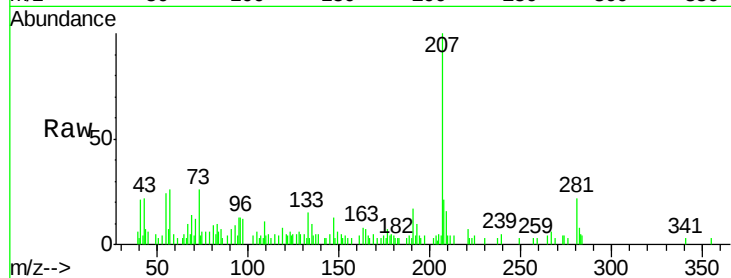
Tot Ion:276 Resp: 112

Ion Ratio Lower Upper

276 100

138 0.0 23.3 34.9#

277 0.0 20.2 30.4#

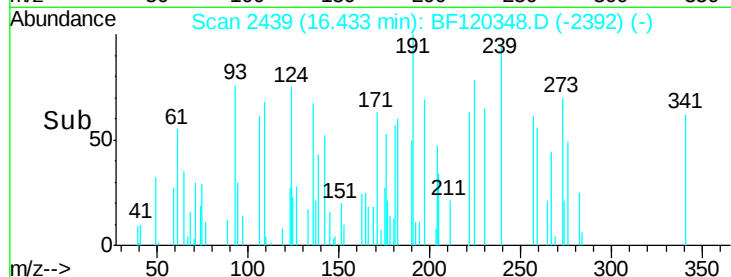


Abundance Ion 276.00 (275.70 to 276.70): E

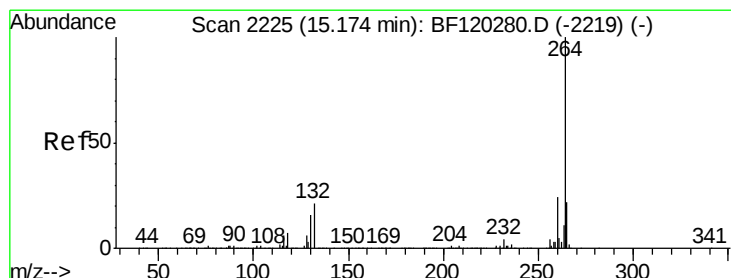
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

16.43



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

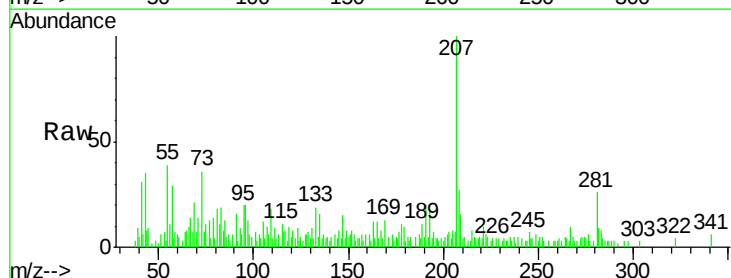
Tgt Ion:264 Resp: 639

Ion Ratio Lower Upper

264 100

260 57.8 19.0 28.6#

265 96.0 17.5 26.3#

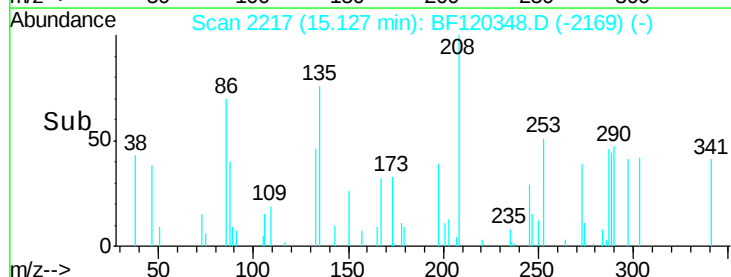


Abundance Ion 264.00 (263.70 to 264.70): E

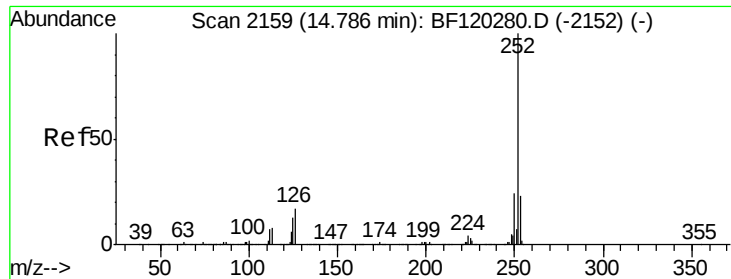
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.13



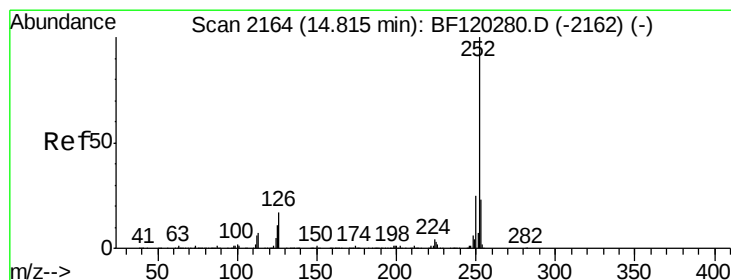
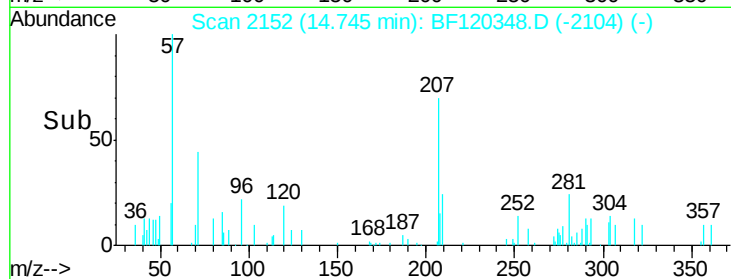
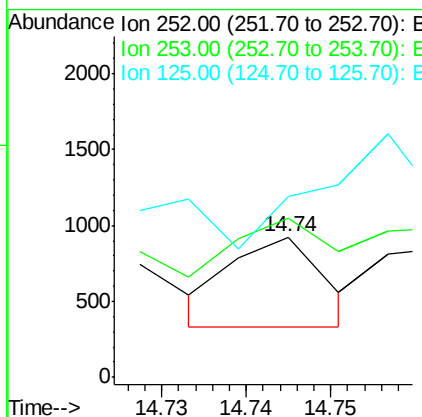
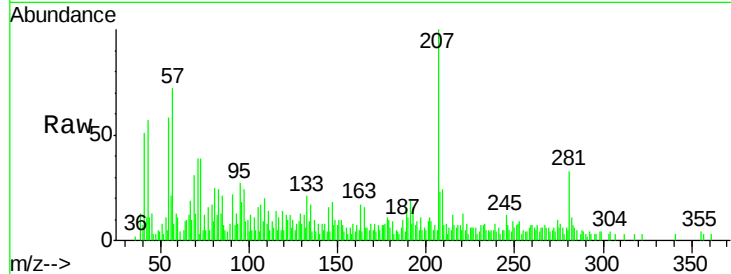
Time-->



#88  
Benzo(b)fluoranthene  
Concen: 12.895 ng  
RT: 14.74 min Scan# 2152  
Delta R.T. -0.02 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

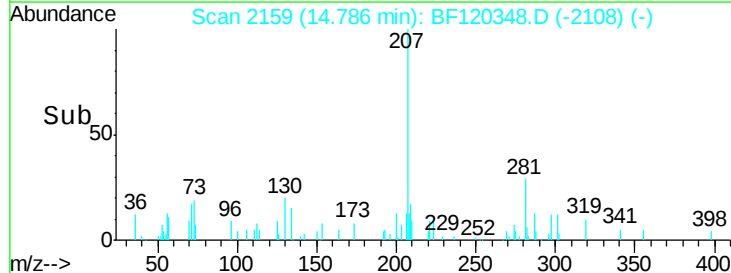
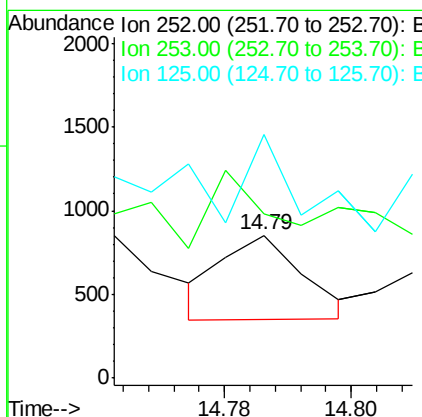
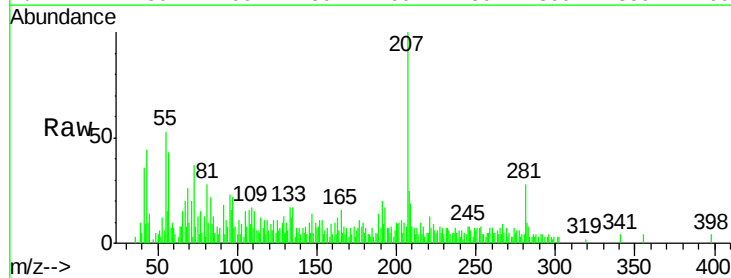
Instrument :  
BNA\_F  
ClientSampleId :

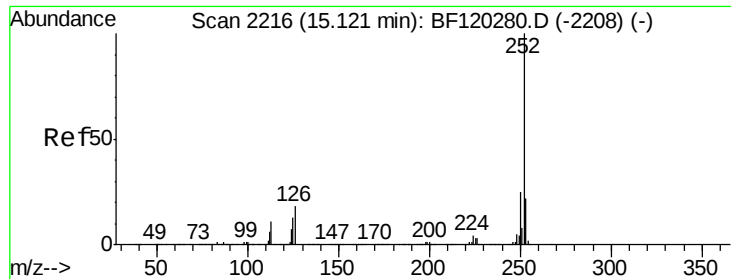
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 113.6 | 18.1  | 27.1# |
| 125     | 129.2 | 10.4  | 15.6# |



#89  
Benzo(k)fluoranthene  
Concen: 14.619 ng  
RT: 14.79 min Scan# 2159  
Delta R.T. -0.00 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 115.2 | 18.2  | 27.2# |
| 125     | 170.9 | 9.9   | 14.9# |

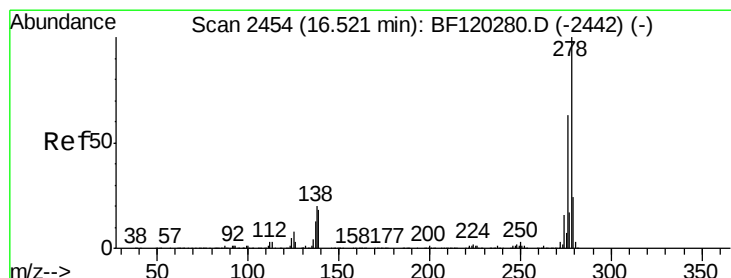
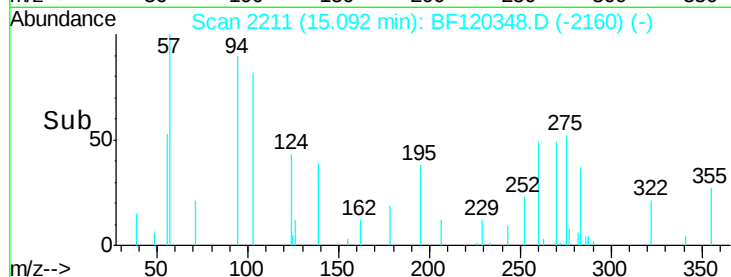
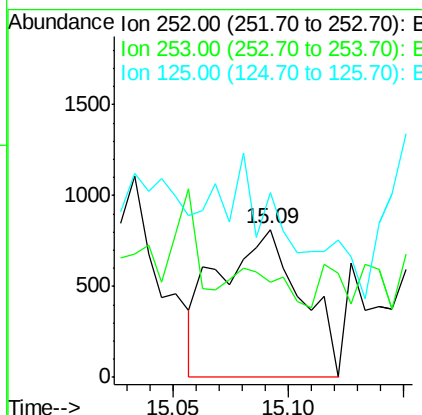
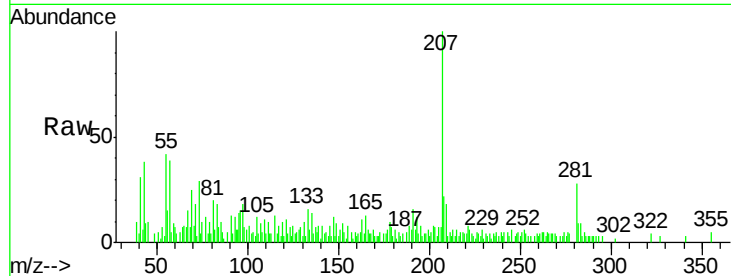




#90  
Benzo(a)pyrene  
Concen: 64.927 ng  
RT: 15.09 min Scan# 2211  
Delta R.T. -0.00 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

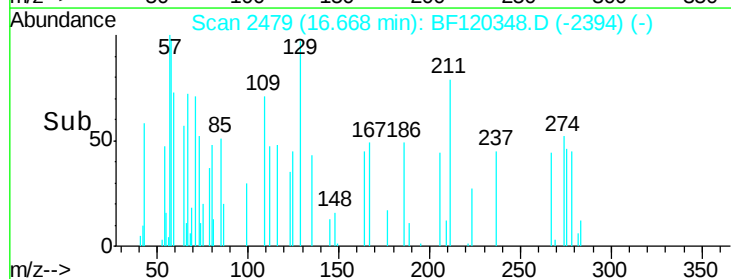
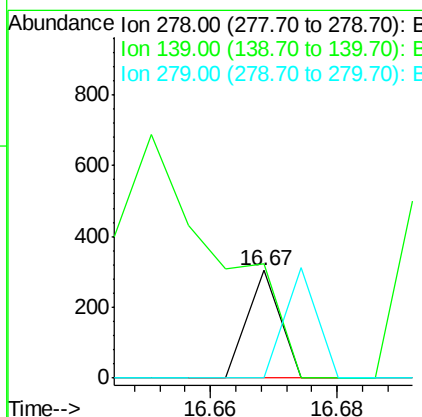
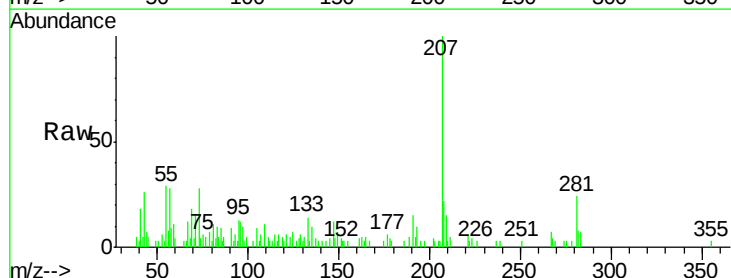
Instrument :  
BNA\_F  
ClientSampled :

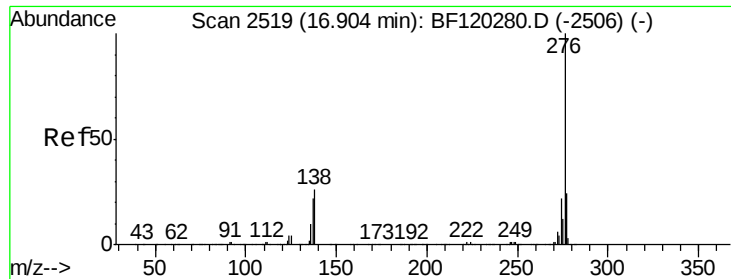
Tot Ion:252 Resp: 2032  
Ion Ratio Lower Upper  
252 100  
253 64.6 17.6 26.4#  
125 124.7 10.6 16.0#



#91  
Dibenzo(a,h)anthracene  
Concen: 3.859 ng  
RT: 16.67 min Scan# 2479  
Delta R.T. 0.20 min  
Lab File: BF120348.D  
Acq: 18 May 2020 18:12

Tgt Ion:278 Resp: 107  
Ion Ratio Lower Upper  
278 100  
139 106.3 14.7 22.1#  
279 0.0 19.2 28.8#





#92

Benzo(a,h,i)perylene

Concen: 4.471 ng

RT: 16.74 min Scan# 2491

Delta R.T. -0.11 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA\_F

ClientSampleId :

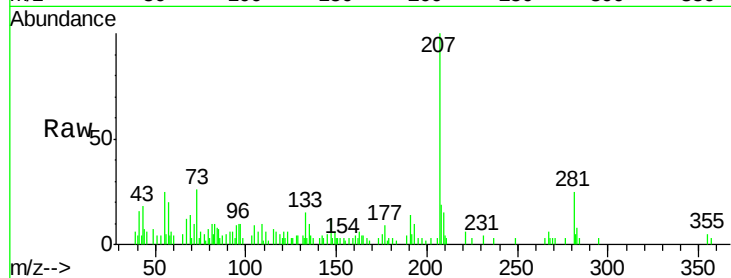
Tot Ion: 276 Resp: 125

Ion Ratio Lower Upper

276 100

277 0.0 19.1 28.7#

138 0.0 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

