

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051520\  
 Data File : BF120317.D  
 Acq On : 15 May 2020 13:12  
 Operator : MA/SJ  
 Sample : L2605-07  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 239996

Quant Time: May 15 13:52:59 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 15 12:31:31 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.61  | 152  | 354508   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.90  | 136  | 1463582  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.65  | 164  | 785421   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.13 | 188  | 1575373  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.77 | 240  | 930005   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.16 | 264  | 679062   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.23  | 112  | 1651882  | 90.66  | ng    | 0.00     |
| 7) Phenol-d6                | 6.27  | 99   | 2302842  | 99.95  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.18  | 82   | 1405076  | 65.73  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.44 | 330  | 656890   | 102.58 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 8.97  | 172  | 2711175  | 70.92  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.72 | 244  | 2957065  | 70.24  | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.19 | 88   | 495      | 0.068  | ng    | # 1    |
| 4) n-Nitrosodimethylamine      | 2.82 | 42   | 246      | 0.028  | ng    | # 1    |
| 6) Aniline                     | 6.27 | 93   | 259      | 0.009  | ng    | # 1    |
| 9) Benzaldehyde                | 6.19 | 77   | 251      | 0.018  | ng    | # 1    |
| 10) Phenol                     | 6.28 | 94   | 12626    | 0.469  | ng    | # 24   |
| 11) bis(2-Chloroethyl)ether    | 6.30 | 93   | 484      | 0.023  | ng    | # 65   |
| 12) 1,3-Dichlorobenzene        | 6.63 | 146  | 148      | 0.007  | ng    | # 1    |
| 13) 1,4-Dichlorobenzene        | 6.63 | 146  | 148      | 0.006  | ng    | # 55   |
| 14) 1,2-Dichlorobenzene        | 6.63 | 146  | 148      | 0.007  | ng    | # 56   |
| 15) Benzyl Alcohol             | 6.77 | 79   | 22985    | 1.404  | ng    | # 47   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.89 | 45   | 318      | 0.009  | ng    | # 54   |
| 17) 2-Methylphenol             | 6.76 | 107  | 113      | 0.006  | ng    | # 1    |
| 18) Hexachloroethane           | 7.09 | 117  | 128      | 0.014  | ng    | # 46   |
| 19) n-Nitroso-di-n-propylamine | 7.18 | 70   | 179259   | 11.876 | ng    | # 78   |
| 20) 3+4-Methylphenols          | 7.12 | 107  | 126      | 0.005  | ng    | # 18   |
| 22) Acetophenone               | 7.05 | 105  | 712      | 0.024  | ng    | # 1    |
| 24) Nitrobenzene               | 7.18 | 77   | 3942     | 0.171  | ng    | # 37   |
| 25) Isophorone                 | 7.18 | 82   | 1366858  | 30.731 | ng    | # 65   |
| 27) 2,4-Dimethylphenol         | 7.72 | 122  | 121      | 0.007  | ng    | # 6    |
| 28) bis(2-Chloroethoxy)methane | 7.64 | 93   | 108      | 0.004  | ng    | # 1    |
| 31) Naphthalene                | 7.92 | 128  | 8926     | 0.145  | ng    | # 95   |
| 32) Benzoic acid               | 7.72 | 122  | 121      | 0.011  | ng    | # 57   |
| 33) 4-Chloroaniline            | 7.92 | 127  | 827      | 0.029  | ng    | # 40   |
| 37) 2-Methylnaphthalene        | 8.62 | 142  | 4992     | 0.118  | ng    | # 94   |
| 38) 1-Methylnaphthalene        | 8.71 | 142  | 5483     | 0.134  | ng    | # 99   |
| 46) 1,1'-Biphenyl              | 9.07 | 154  | 8637     | 0.168  | ng    | # 84   |
| 47) 2-Chloronaphthalene        | 9.37 | 162  | 3676     | 0.089  | ng    | # 1    |
| 48) 2-Nitroaniline             | 9.17 | 65   | 243      | 0.016  | ng    | # 6    |
| 49) Acenaphthylene             | 9.51 | 152  | 13640    | 0.216  | ng    | # 97   |
| 50) Dimethylphthalate          | 9.37 | 163  | 496514   | 10.000 | ng    | # 99   |
| 51) 2,6-Dinitrotoluene         | 9.37 | 165  | 5456     | 0.492  | ng    | # 13   |
| 52) Acenaphthene               | 9.68 | 154  | 11238    | 0.297  | ng    | # 96   |
| 55) Dibenzofuran               | 9.86 | 168  | 6961     | 0.128  | ng    | # 90   |
| 56) 4-Nitrophenol              | 9.86 | 139  | 2645     | 0.373  | ng    | # 11   |

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051520\  
 Data File : BF120317.D  
 Acq On : 15 May 2020 13:12  
 Operator : MA/SJ  
 Sample : L2605-07  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

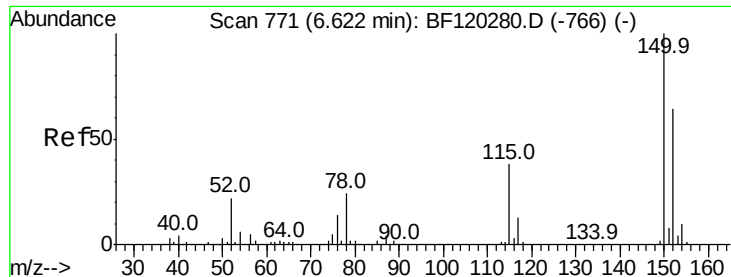
Instrument :  
 BNA\_F  
 ClientSampleId :  
 239996

Quant Time: May 15 13:52:59 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 15 12:31:31 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| -----                          |       |      |          |       |       |          |
| 57) 2,4-Dinitrotoluene         | 9.65  | 165  | 99979    | 7.691 | nq    | # 16     |
| 58) Fluorene                   | 10.20 | 166  | 13241    | 0.319 | nq    | 98       |
| 60) Diethylphthalate           | 10.07 | 149  | 783      | 0.016 | nq    | # 59     |
| 62) 4-Nitroaniline             | 10.45 | 138  | 128      | 0.010 | nq    | # 1      |
| 63) Azobenzene                 | 10.35 | 77   | 1338     | 0.030 | nq    | # 1      |
| 65) 4,6-Dinitro-2-methylphenol | 10.44 | 198  | 1098     | 0.138 | nq    | # 1      |
| 66) n-Nitrosodiphenylamine     | 10.32 | 169  | 969      | 0.022 | nq    | # 76     |
| 67) 4-Bromophenyl-phenylether  | 10.44 | 248  | 41881    | 2.740 | nq    | # 1      |
| 71) Phenanthrene               | 11.16 | 178  | 316868   | 4.787 | nq    | 97       |
| 72) Anthracene                 | 11.21 | 178  | 57474    | 0.811 | nq    | 97       |
| 73) Carbazole                  | 11.37 | 167  | 25842    | 0.390 | nq    | # 97     |
| 74) Di-n-butylphthalate        | 11.70 | 149  | 5634     | 0.071 | nq    | # 93     |
| 75) Fluoranthene               | 12.34 | 202  | 475409   | 6.700 | nq    | 99       |
| 77) Benzidine                  | 12.72 | 184  | 36348    | 1.338 | nq    | # 93     |
| 78) Pyrene                     | 12.57 | 202  | 479532   | 7.233 | nq    | 98       |
| 80) Butylbenzylphthalate       | 13.19 | 149  | 3171     | 0.102 | nq    | 95       |
| 81) Benzo(a)anthracene         | 13.76 | 228  | 186873   | 3.810 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.73 | 252  | 954      | 0.052 | nq    | # 63     |
| 83) Chrysene                   | 13.79 | 228  | 195011   | 3.702 | nq    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 13.76 | 149  | 55398    | 1.426 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.37 | 149  | 6014     | 0.086 | nq    | # 75     |
| 86) Indeno(1,2,3-cd)pyrene     | 16.47 | 276  | 79278    | 1.658 | nq    | 94       |
| 88) Benzo(b)fluoranthene       | 14.77 | 252  | 236554   | 6.379 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 14.77 | 252  | 236554   | 7.362 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.10 | 252  | 111271   | 3.346 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.30 | 278  | 14486    | 0.492 | nq    | 93       |
| 92) Benzo(g,h,i)perylene       | 16.87 | 276  | 83684    | 2.817 | nq    | 98       |
| -----                          |       |      |          |       |       |          |

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



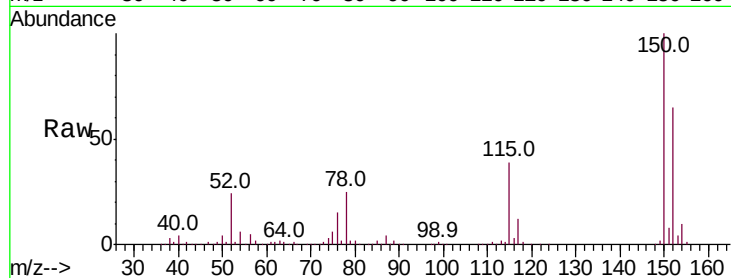


#1

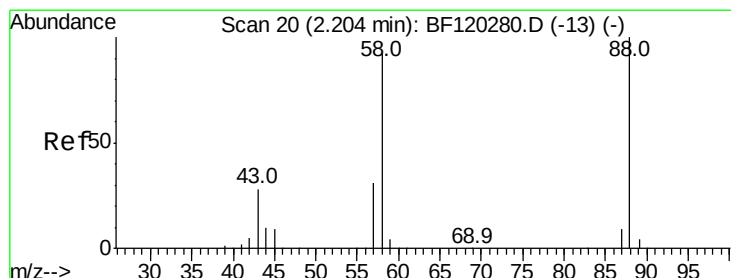
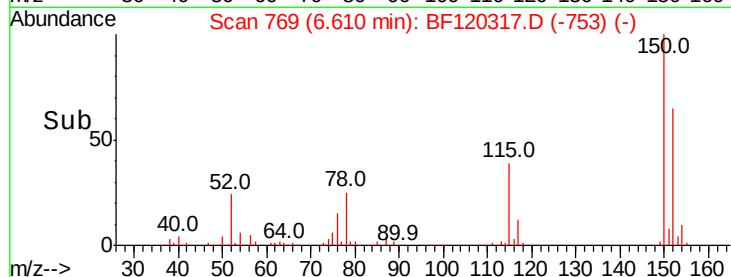
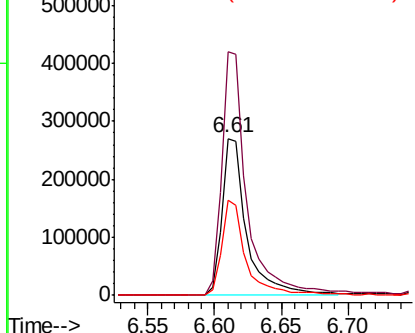
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.61 min Scan# 769  
Delta R.T. -0.01 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

Instrument :  
BNA\_F  
ClientSampleId :  
239996

Tot Ion:152 Resp: 354508  
Ion Ratio Lower Upper  
152 100  
150 155.0 126.2 189.2  
115 60.7 47.9 71.9



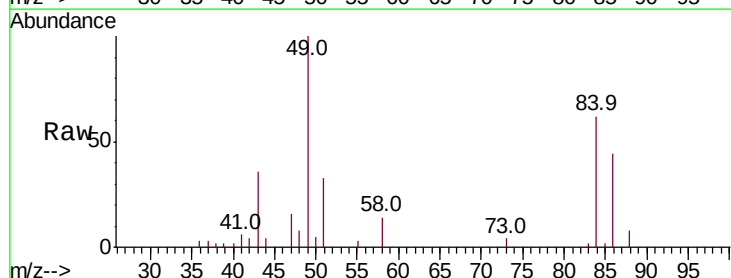
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



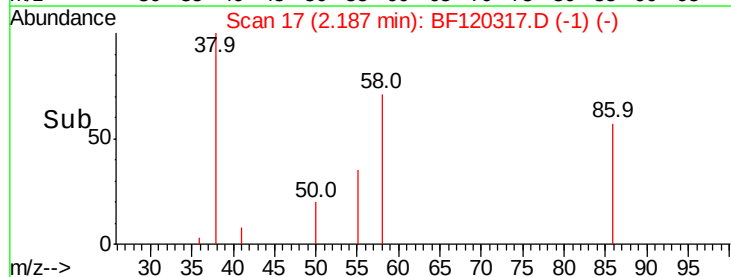
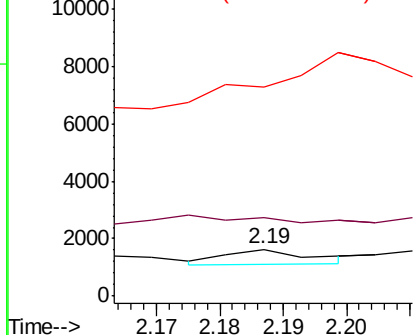
#2

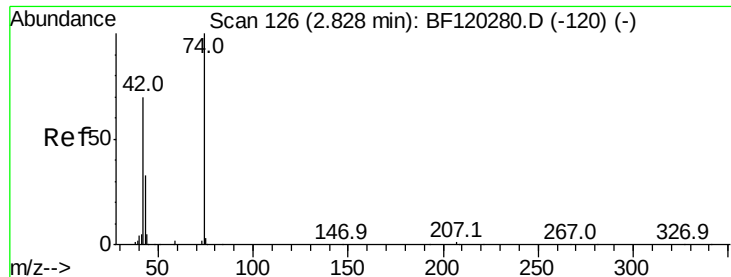
1,4-Dioxane  
Concen: 0.068 ng  
RT: 2.19 min Scan# 17  
Delta R.T. -0.01 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

Tgt Ion: 88 Resp: 495  
Ion Ratio Lower Upper  
88 100  
58 0.0 75.8 113.6#  
43 895.8 23.6 35.4#



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



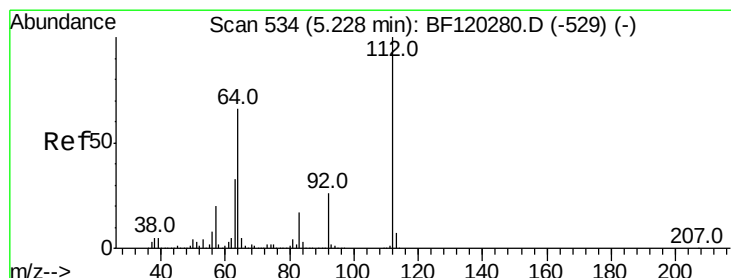
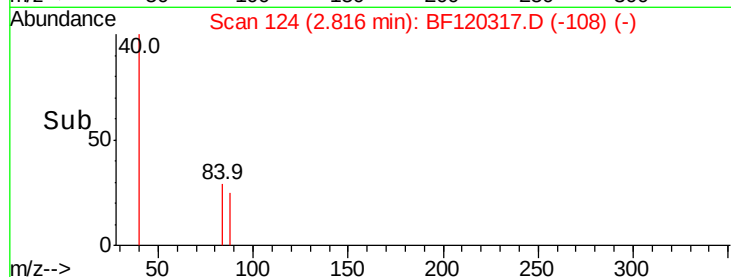
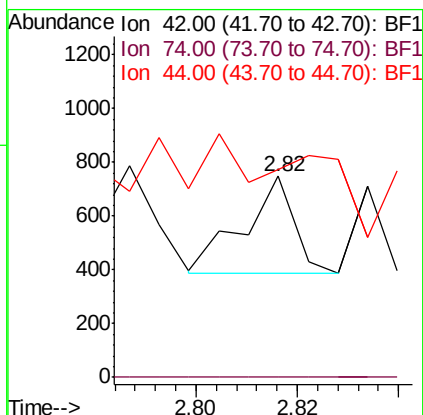
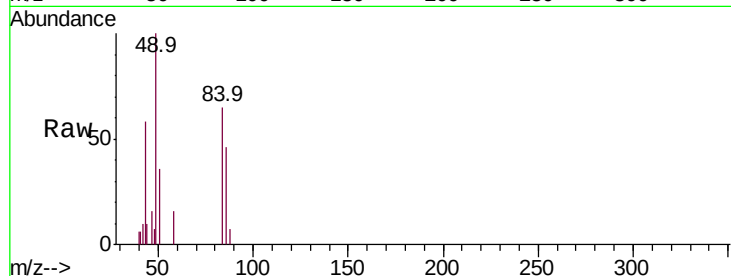


#4

n-Nitrosodimethylamine  
 Concen: 0.028 ng  
 RT: 2.82 min Scan# 124  
 Delta R.T. -0.01 min  
 Lab File: BF120317.D  
 Acq: 15 May 2020 13:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 239996

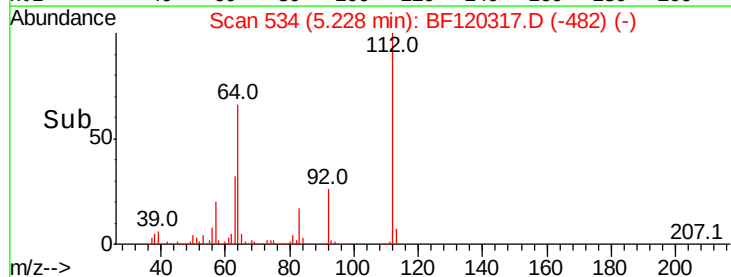
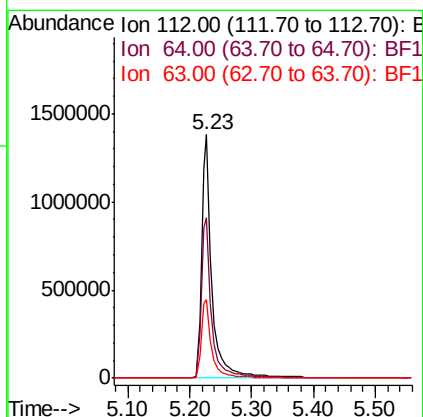
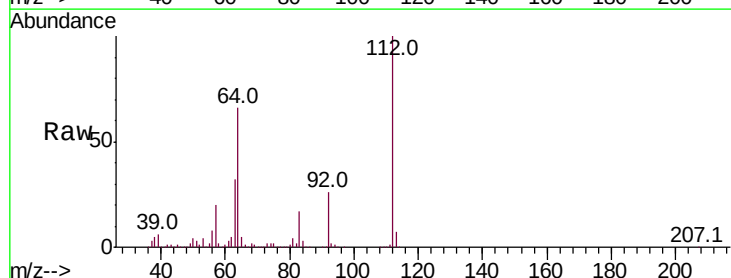
Tot Ion: 42 Resp: 246  
 Ion Ratio Lower Upper  
 42 100  
 74 0.0 114.8 172.2#  
 44 103.6 5.6 8.4#

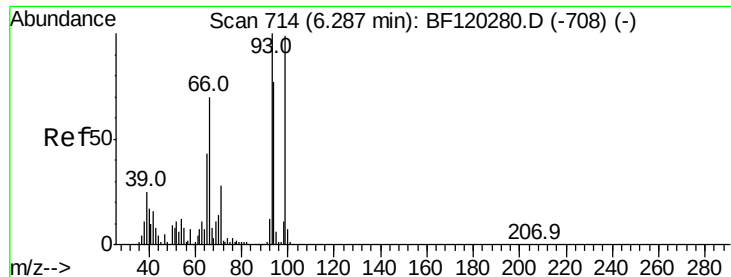


#5

2-Fluorophenol  
 Concen: 90.663 ng  
 RT: 5.23 min Scan# 534  
 Delta R.T. 0.01 min  
 Lab File: BF120317.D  
 Acq: 15 May 2020 13:12

Tgt Ion: 112 Resp: 1651882  
 Ion Ratio Lower Upper  
 112 100  
 64 65.9 52.7 79.1  
 63 32.5 26.2 39.4





#6

Aniline

Concen: 0.009 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

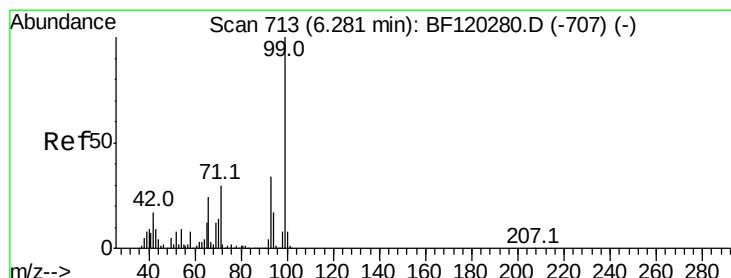
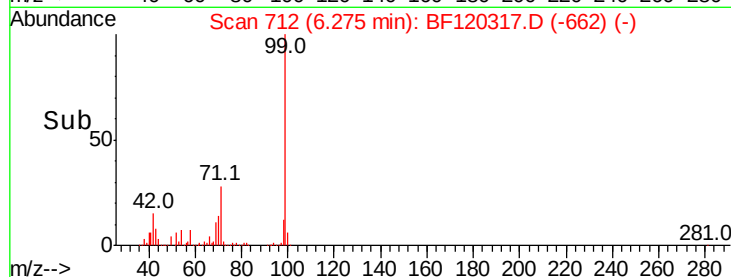
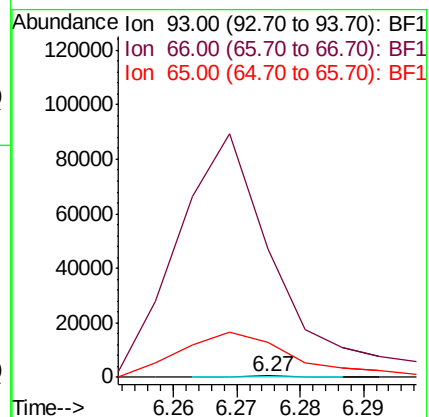
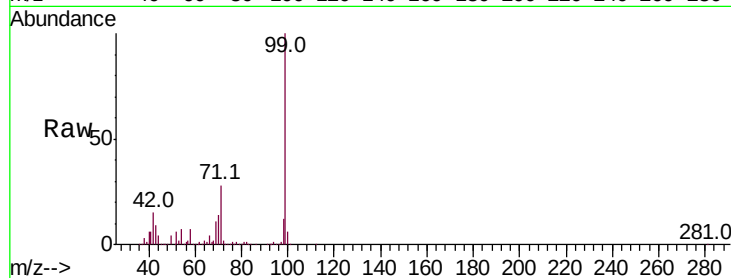
Tot Ion: 93 Resp: 259

Ion Ratio Lower Upper

93 100

66 12047.2 56.2 84.4#

65 3261.3 34.2 51.2#



#7

Phenol-d6

Concen: 99.946 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

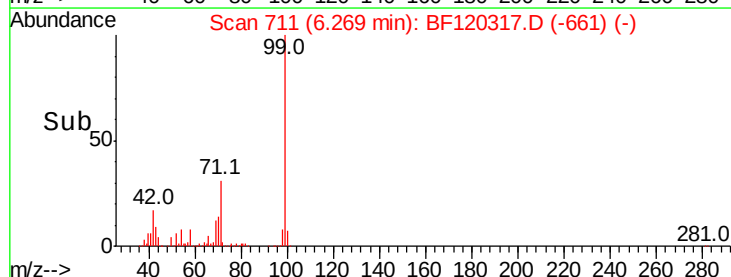
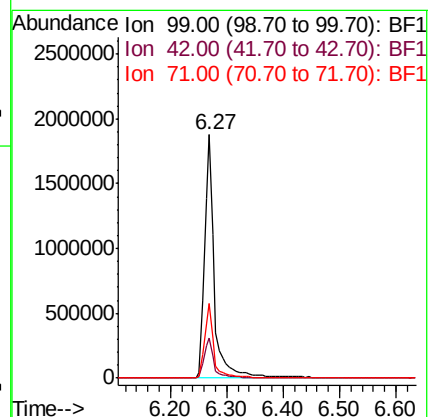
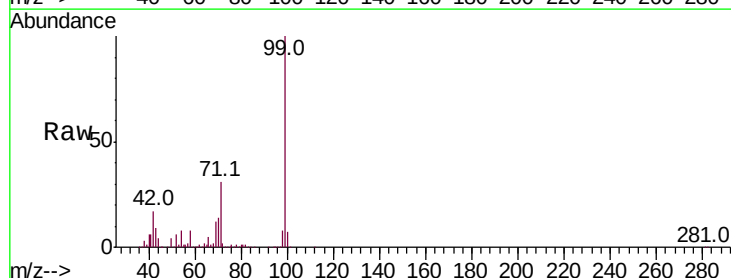
Tgt Ion: 99 Resp: 2302842

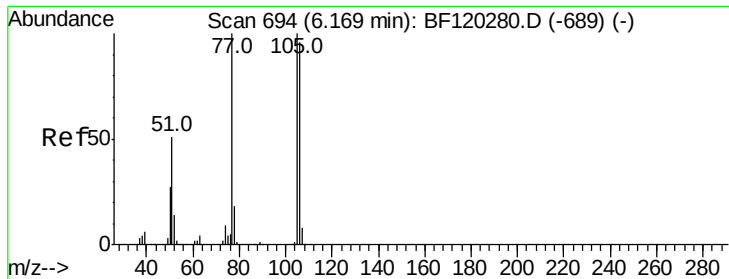
Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

71 30.7 24.2 36.4





#9

Benzaldehyde

Concen: 0.018 ng

RT: 6.19 min Scan# 697

Delta R.T. 0.02 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

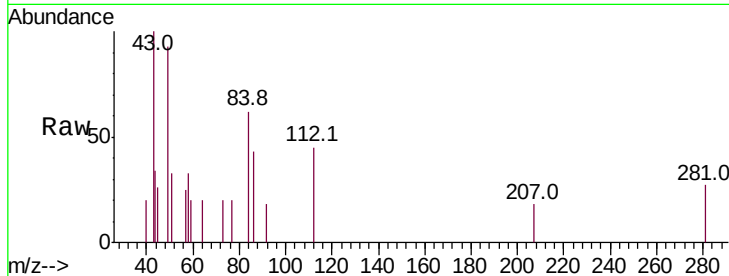
Tot Ion: 77 Resp: 251

Ion Ratio Lower Upper

77 100

105 0.0 79.9 119.9#

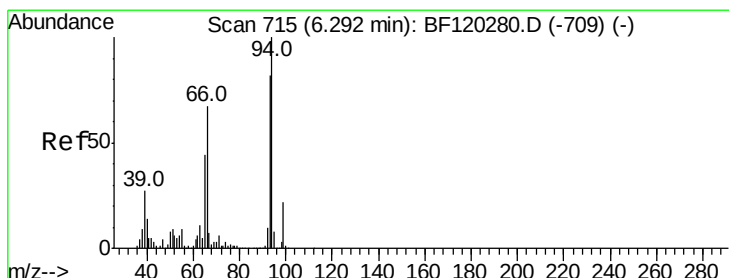
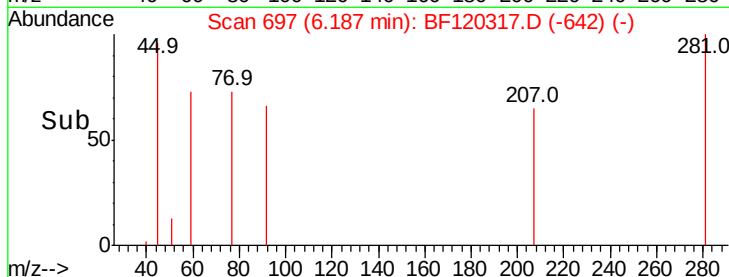
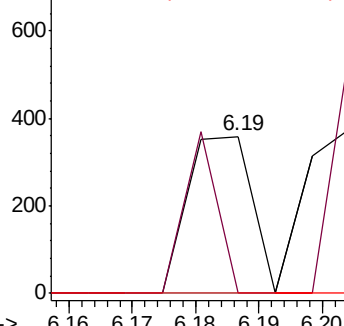
106 0.0 75.7 115.7#



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: 0.469 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

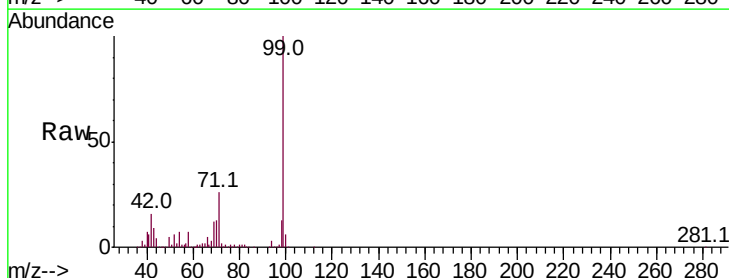
Tgt Ion: 94 Resp: 12626

Ion Ratio Lower Upper

94 100

65 51.0 24.1 64.1

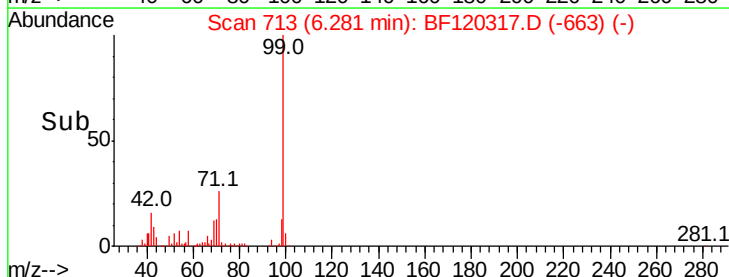
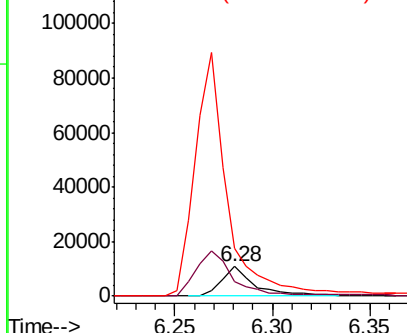
66 162.6 47.5 87.5#

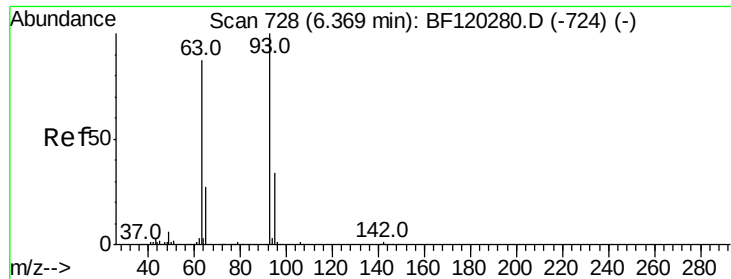


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

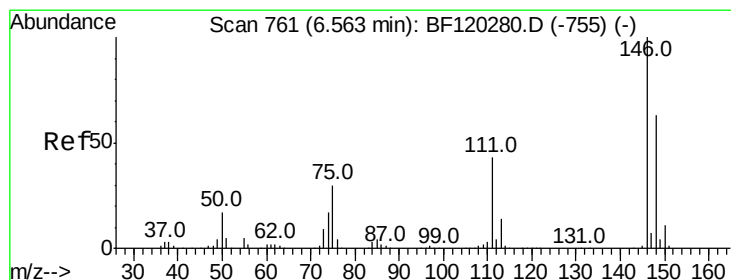
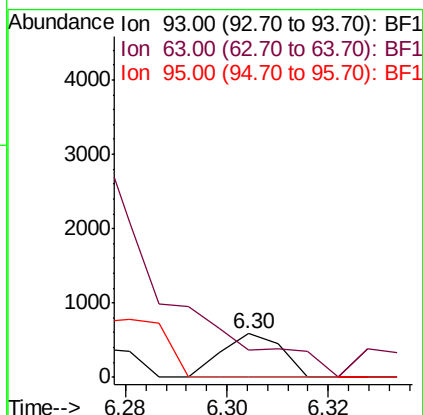
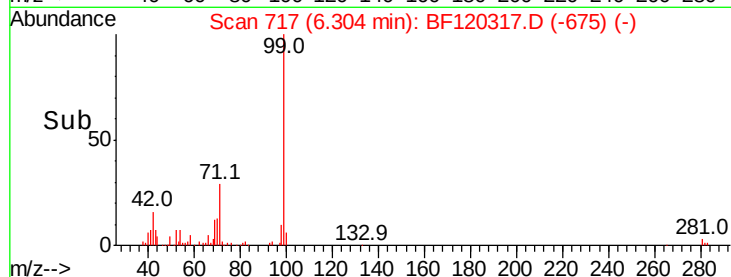
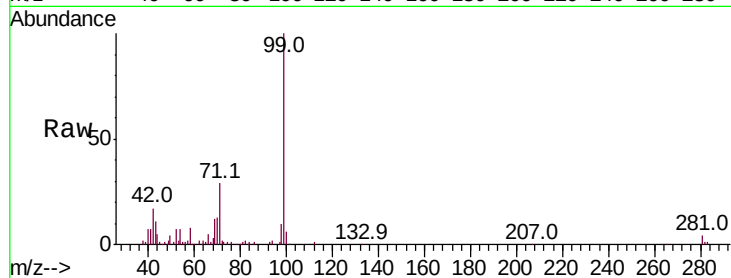




#11  
bis(2-Chloroethyl)ether  
Concen: 0.023 ng  
RT: 6.30 min Scan# 717  
Delta R.T. -0.05 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

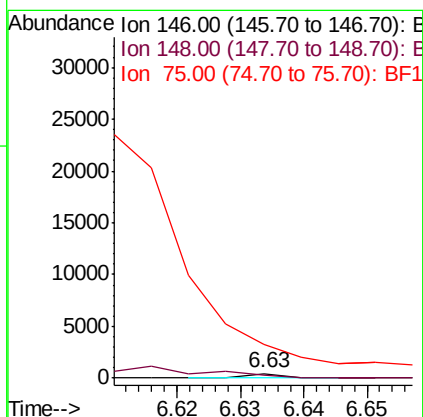
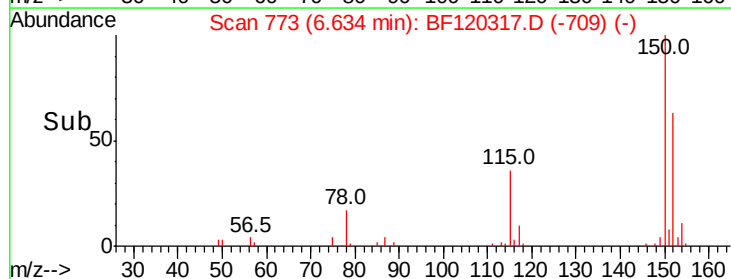
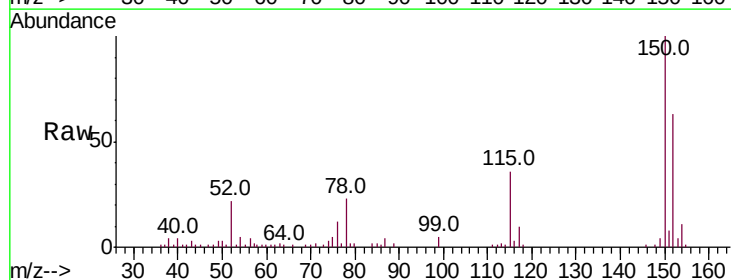
Instrument :  
BNA\_F  
ClientSampleId :  
239996

Tot Ion: 93 Resp: 484  
Ion Ratio Lower Upper  
93 100  
63 61.8 65.4 105.4#  
95 0.0 12.9 52.9#

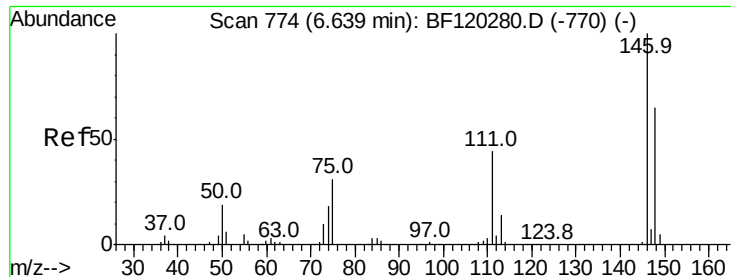


#12  
1,3-Dichlorobenzene  
Concen: 0.007 ng  
RT: 6.63 min Scan# 773  
Delta R.T. 0.08 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

Tgt Ion: 146 Resp: 148  
Ion Ratio Lower Upper  
146 100  
148 83.1 50.5 75.7#  
75 788.8 24.2 36.4#



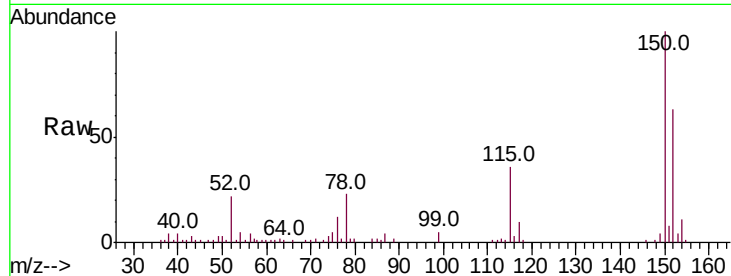




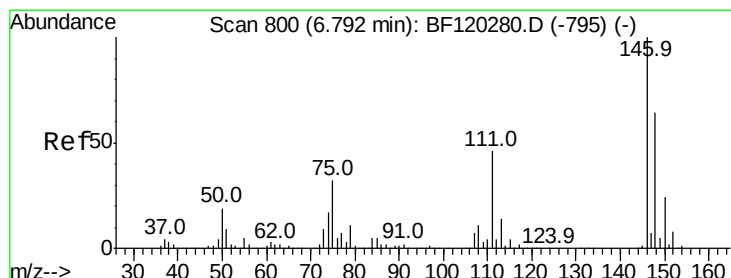
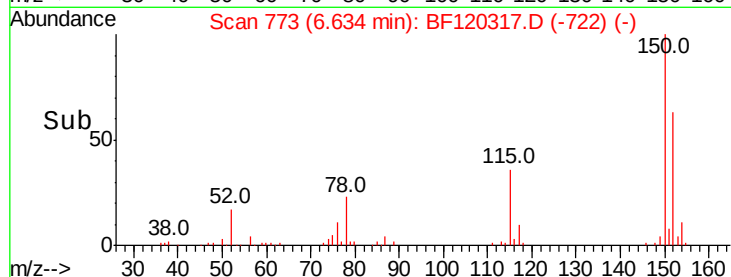
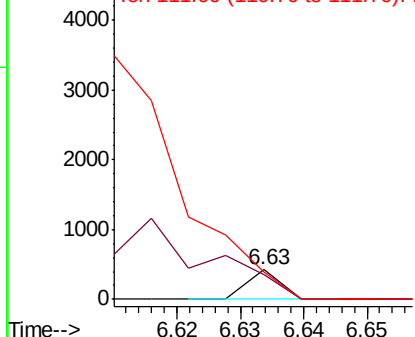
#13  
 1,4-Dichlorobenzene  
 Concen: 0.006 ng  
 RT: 6.63 min Scan# 773  
 Delta R.T. -0.00 min  
 Lab File: BF120317.D  
 Acq: 15 May 2020 13:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 239996

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 83.1  | 51.6  | 77.4# |
| 111     | 93.1  | 35.1  | 52.7# |

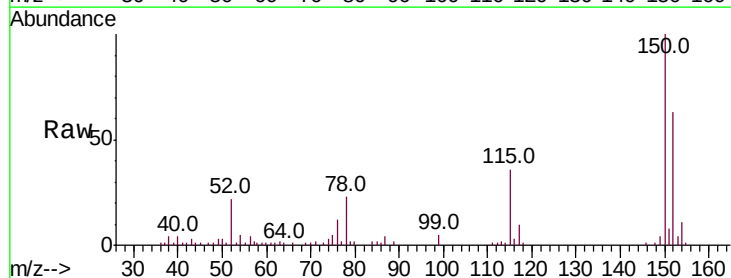


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

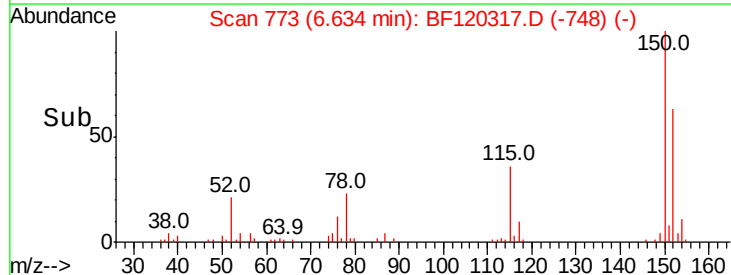
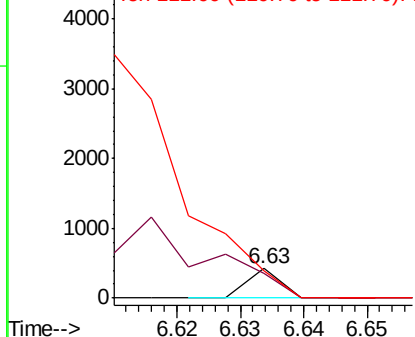


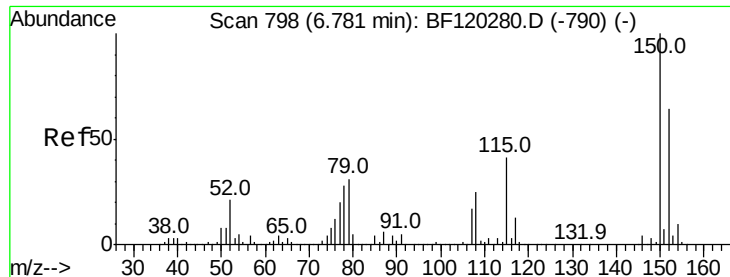
#14  
 1,2-Dichlorobenzene  
 Concen: 0.007 ng  
 RT: 6.63 min Scan# 773  
 Delta R.T. -0.15 min  
 Lab File: BF120317.D  
 Acq: 15 May 2020 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 83.1  | 51.1  | 76.7# |
| 111     | 93.1  | 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: 1.404 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampled :

239996

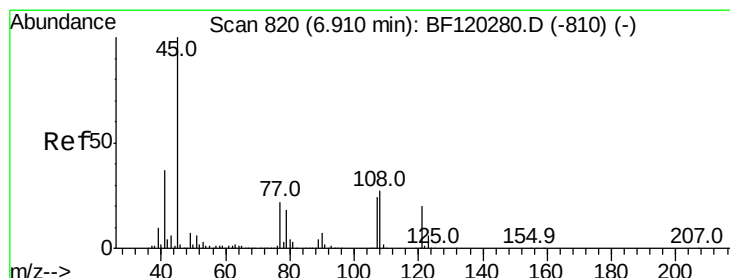
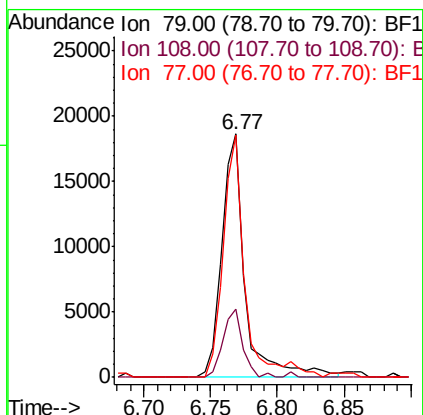
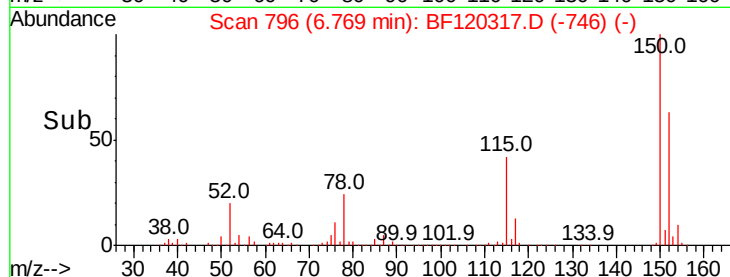
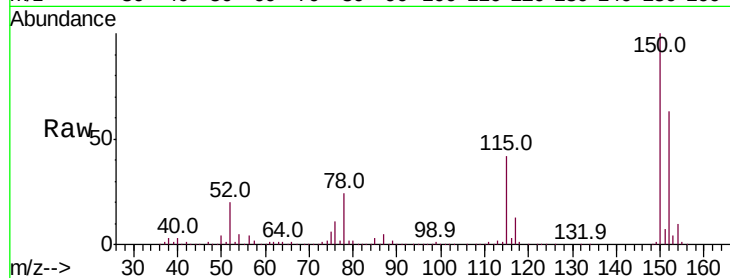
Tot Ion: 79 Resp: 22985

Ion Ratio Lower Upper

79 100

108 27.8 64.2 96.4#

77 99.7 51.6 77.4#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.009 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

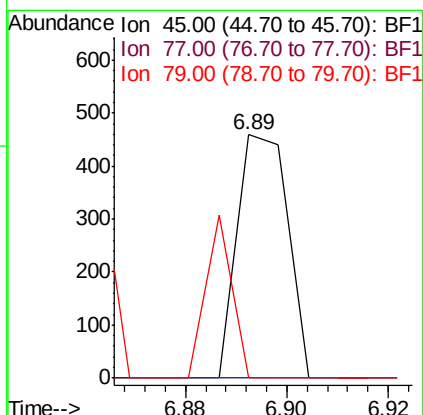
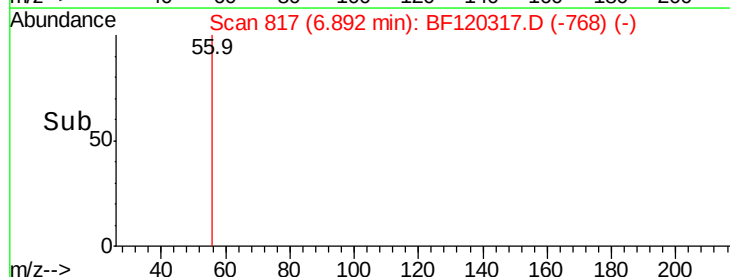
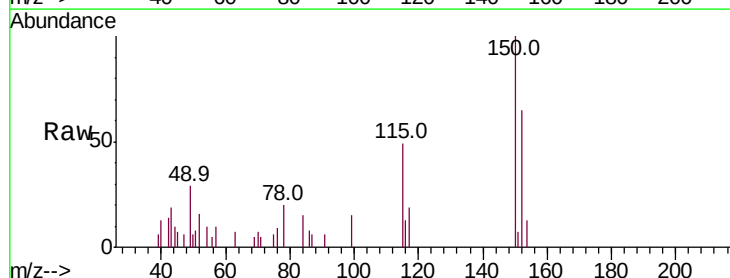
Tgt Ion: 45 Resp: 318

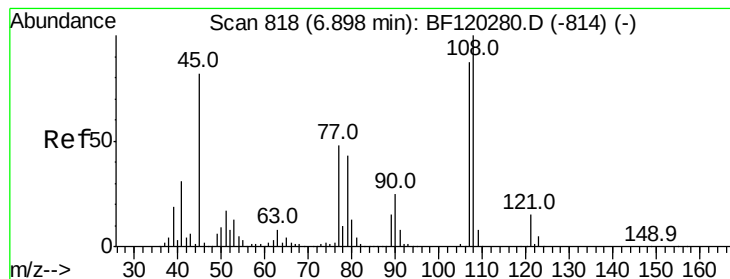
Ion Ratio Lower Upper

45 100

77 0.0 3.1 43.1#

79 0.0 0.0 40.0





#17

2-Methylphenol

Concen: 0.006 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.13 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

Tot Ion:107 Resp: 113

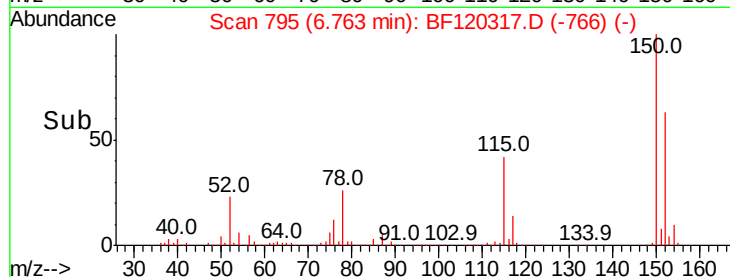
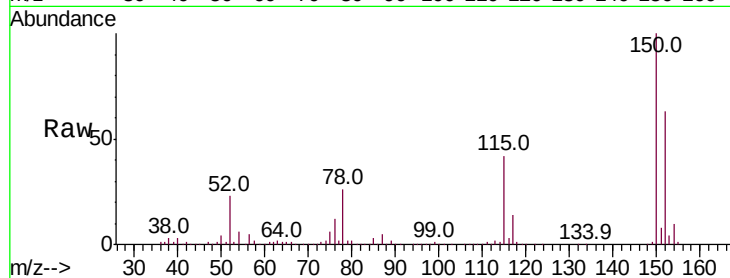
Ion Ratio Lower Upper

107 100

108 1389.0 92.4 138.6#

77 4783.1 44.5 66.7#

79 5120.4 40.4 60.6#

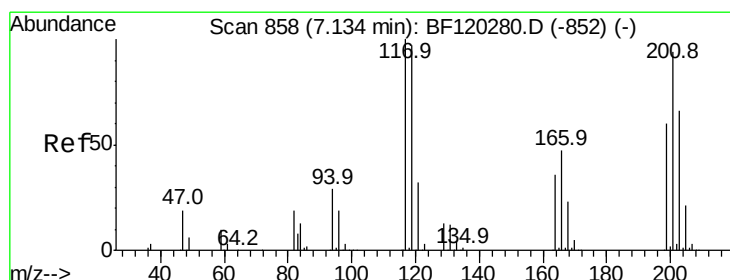
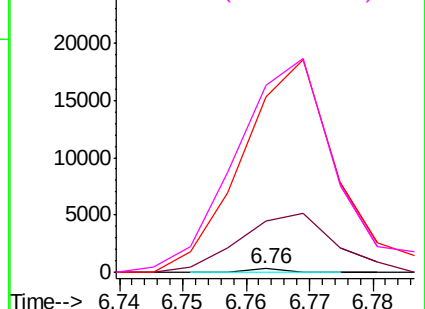


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 0.014 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.04 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

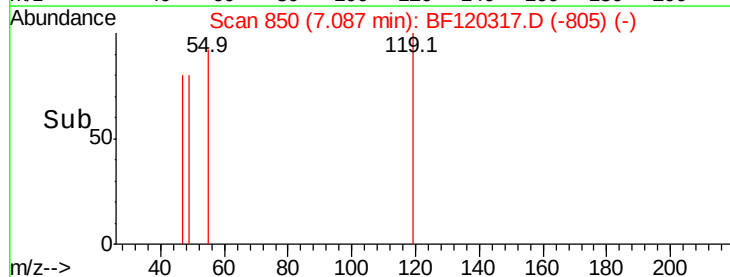
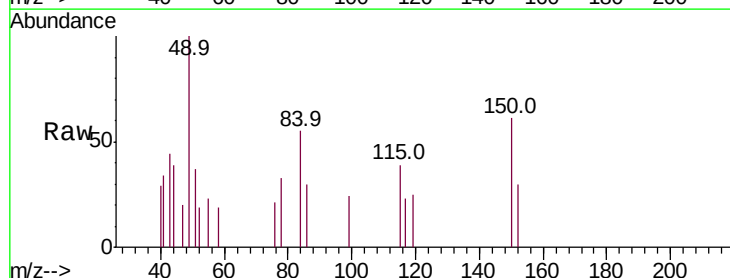
Tgt Ion:117 Resp: 128

Ion Ratio Lower Upper

117 100

119 108.8 77.4 116.0

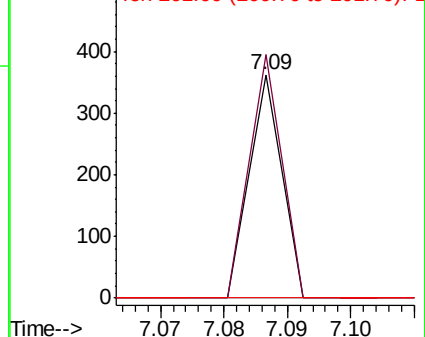
201 0.0 74.9 112.3#

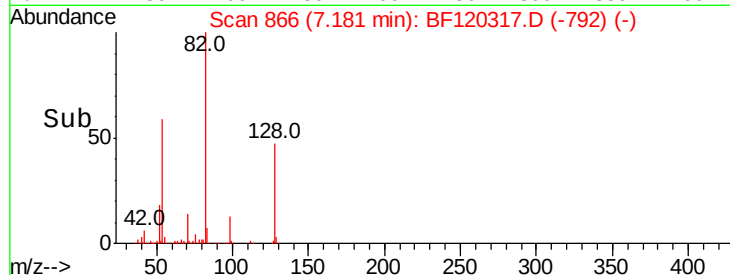
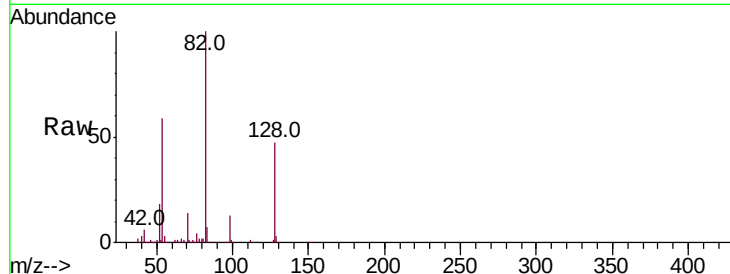
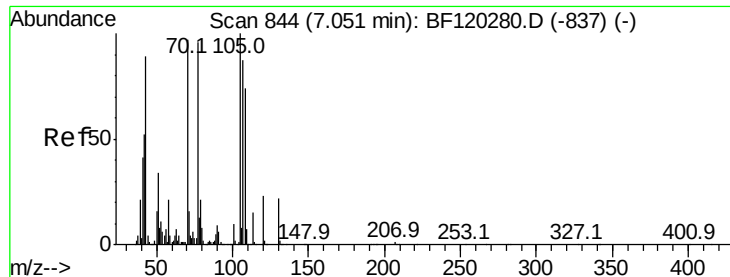


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

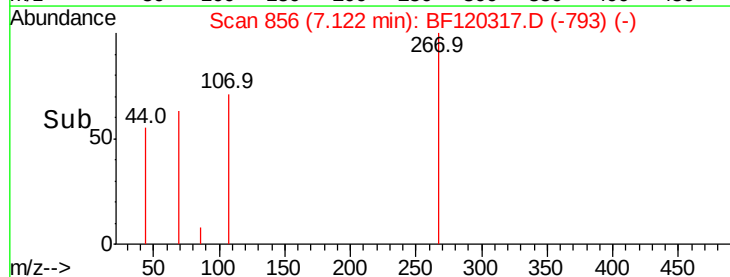
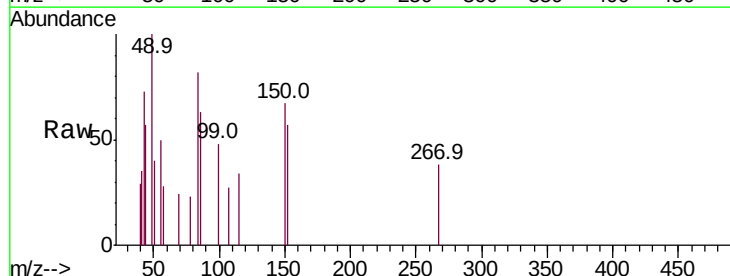
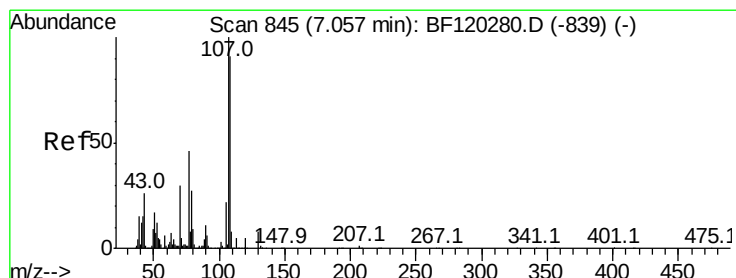
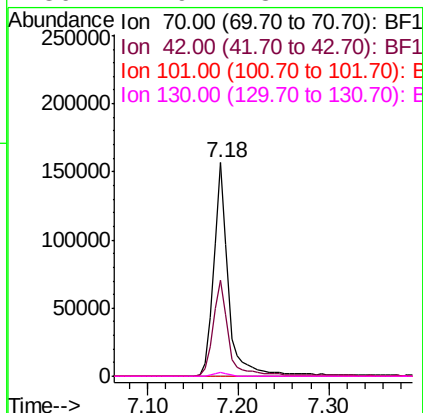




#19  
n-Nitroso-di-n-propylamine  
Concen: 11.876 ng  
RT: 7.18 min Scan# 866  
Delta R.T. 0.14 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

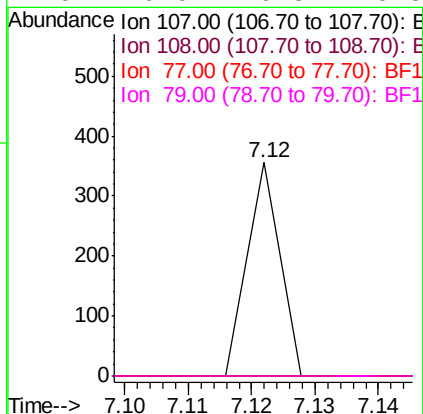
Instrument :  
BNA\_F  
ClientSampled :  
239996

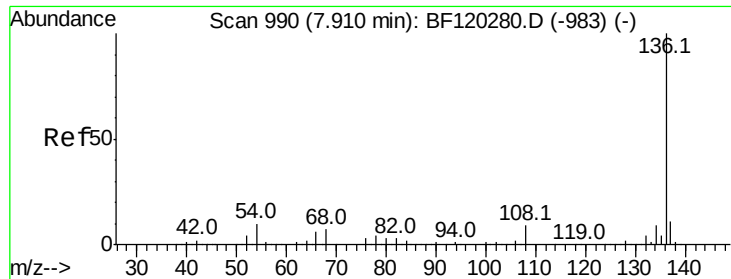
Tot Ion: 70 Resp: 179259  
Ion Ratio Lower Upper  
70 100  
42 45.2 43.4 65.0  
101 0.0 7.8 11.8#  
130 1.9 18.2 27.4#



#20  
3+4-Methylphenols  
Concen: 0.005 ng  
RT: 7.12 min Scan# 856  
Delta R.T. 0.07 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

Tgt Ion: 107 Resp: 126  
Ion Ratio Lower Upper  
107 100  
108 0.0 71.1 111.1#  
77 0.0 28.1 68.1#  
79 0.0 6.8 46.8#

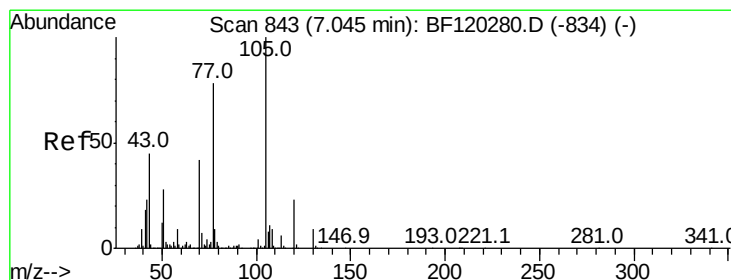
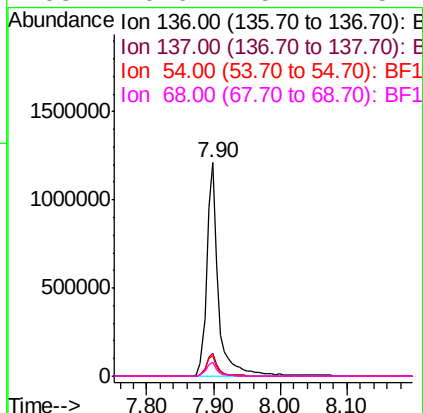
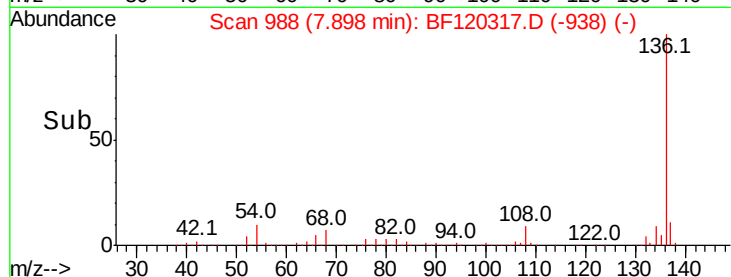
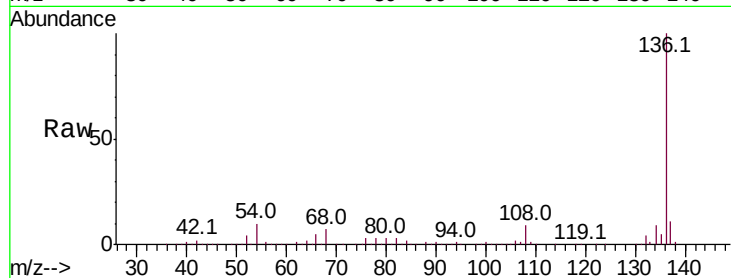




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.90 min Scan# 988  
Delta R.T. -0.01 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

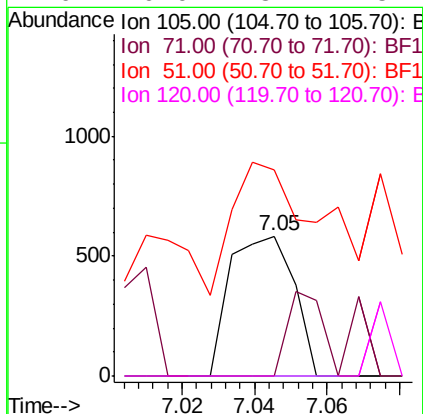
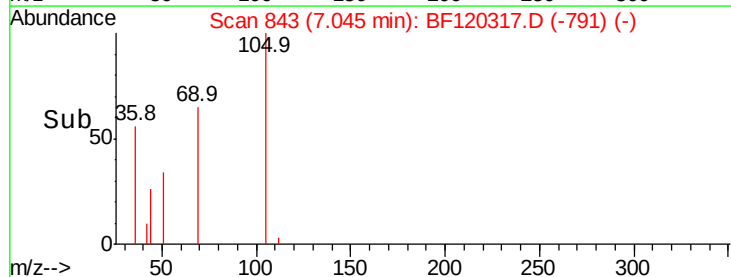
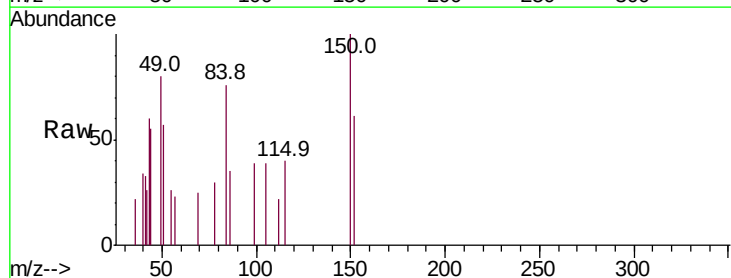
Instrument :  
BNA\_F  
ClientSampleId :  
239996

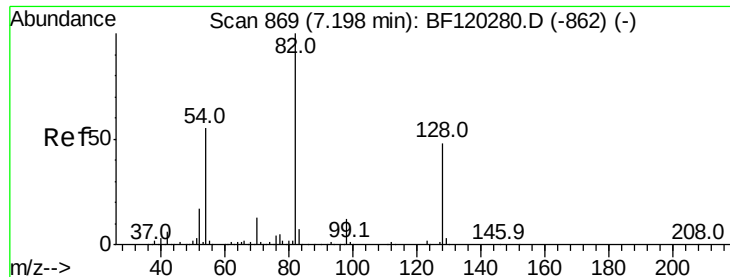
| Tot Ion: | 136   | Resp: | 1463582 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 136      | 100   |       |         |
| 137      | 11.1  | 9.1   | 13.7    |
| 54       | 9.7   | 7.9   | 11.9    |
| 68       | 6.6   | 5.4   | 8.2     |



#22  
Acetophenone  
Concen: 0.024 ng  
RT: 7.05 min Scan# 843  
Delta R.T. 0.01 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

| Tgt Ion: | 105   | Resp: | 712   |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.0   | 5.6   | 8.4#  |
| 51       | 147.9 | 22.6  | 34.0# |
| 120      | 0.0   | 18.7  | 28.1# |

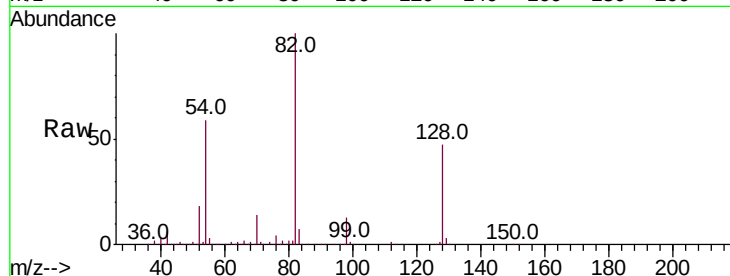




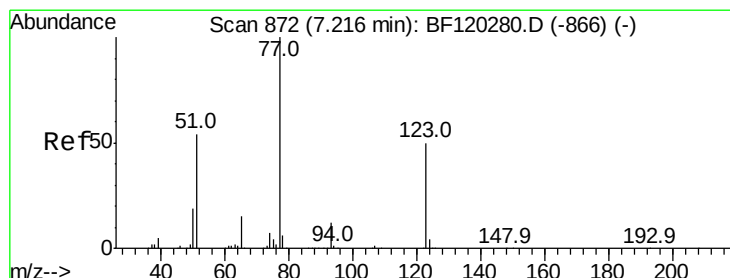
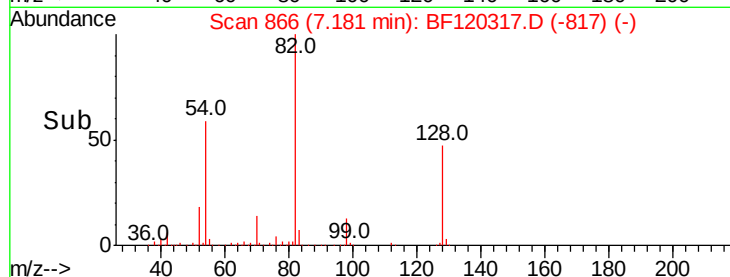
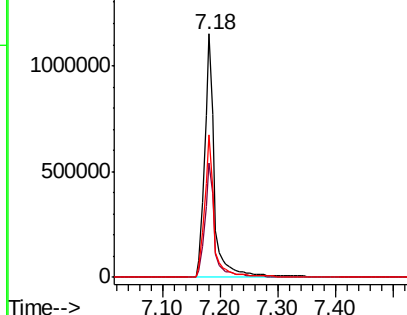
#23  
Nitrobenzene-d5  
Concen: 65.730 ng  
RT: 7.18 min Scan# 866  
Delta R.T. -0.01 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

Instrument :  
BNA\_F  
ClientSampleId :  
239996

Tot Ion: 82 Resp: 1405076  
Ion Ratio Lower Upper  
82 100  
128 46.9 38.3 57.5  
54 58.7 43.9 65.9

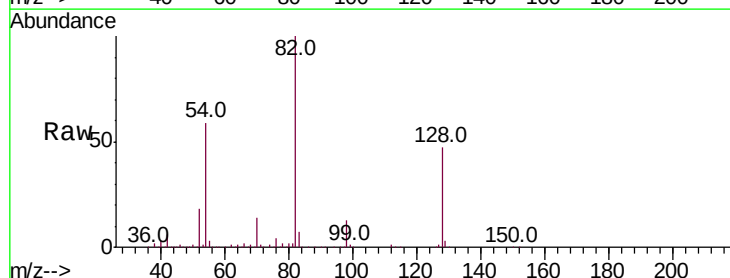


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

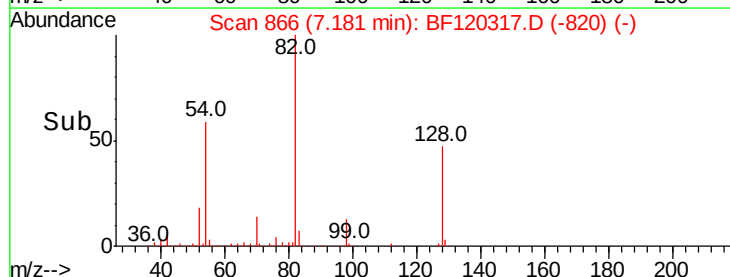
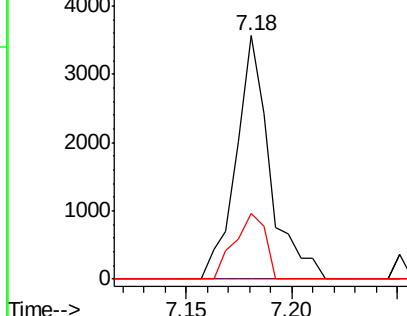


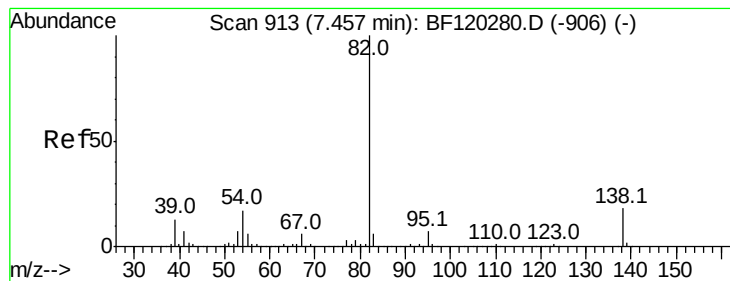
#24  
Nitrobenzene  
Concen: 0.171 ng  
RT: 7.18 min Scan# 866  
Delta R.T. -0.03 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

Tgt Ion: 77 Resp: 3942  
Ion Ratio Lower Upper  
77 100  
123 0.0 40.0 60.0#  
65 27.1 11.7 17.5#



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





#25

Isophorone

Concen: 30.731 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.27 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

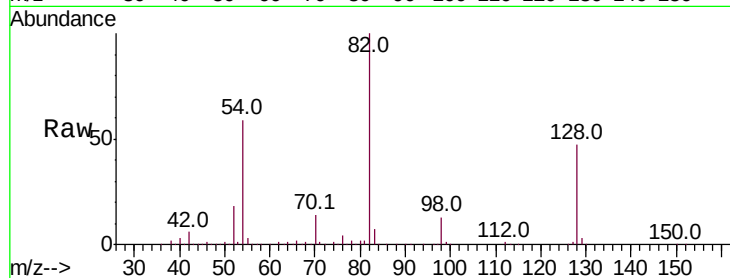
Tot Ion: 82 Resp: 1366858

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

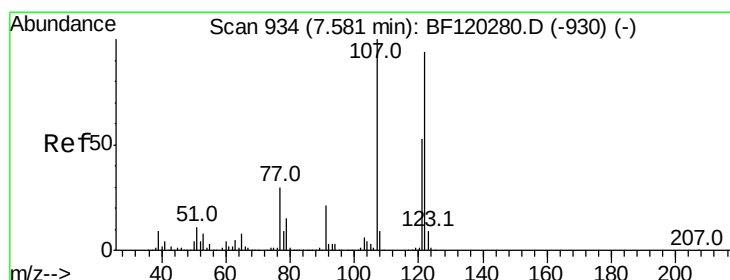
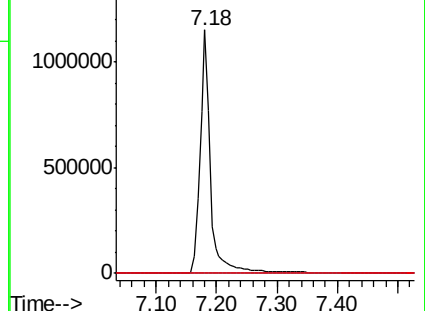
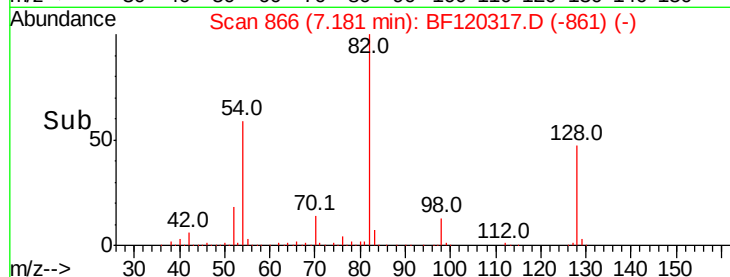
138 0.0 14.7 22.1#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#27

2,4-Dimethylphenol

Concen: 0.007 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.14 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

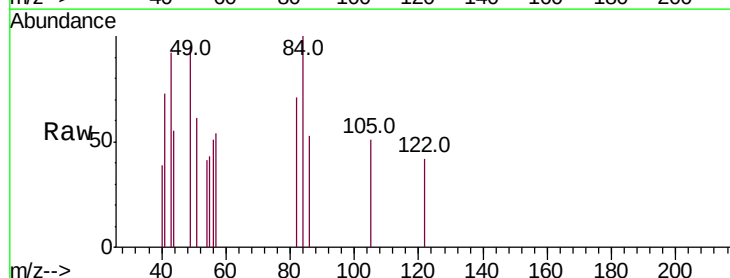
Tgt Ion: 122 Resp: 121

Ion Ratio Lower Upper

122 100

107 0.0 85.0 127.6#

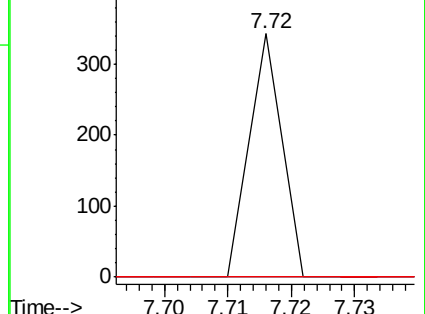
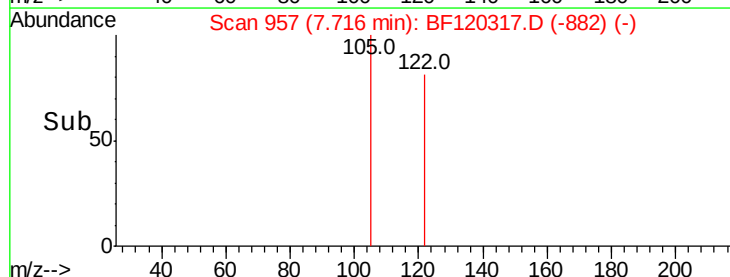
121 0.0 45.1 67.7#

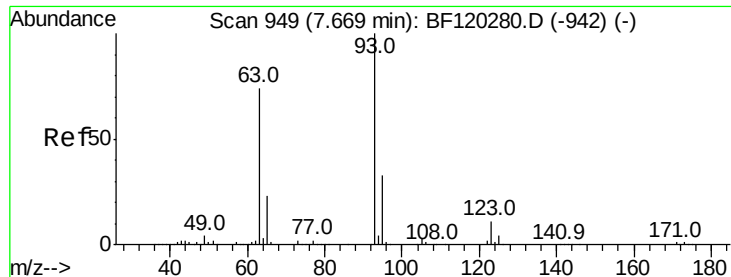


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 0.004 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

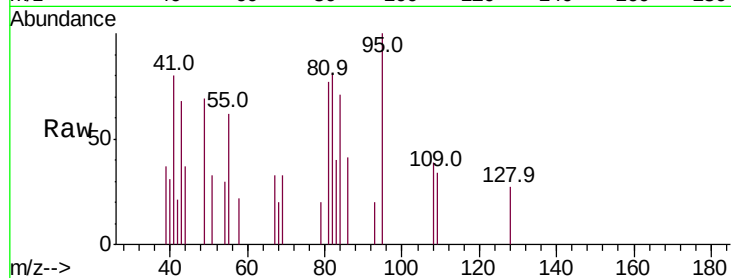
Tot Ion: 93 Resp: 108

Ion Ratio Lower Upper

93 100

95 503.3 26.8 40.2#

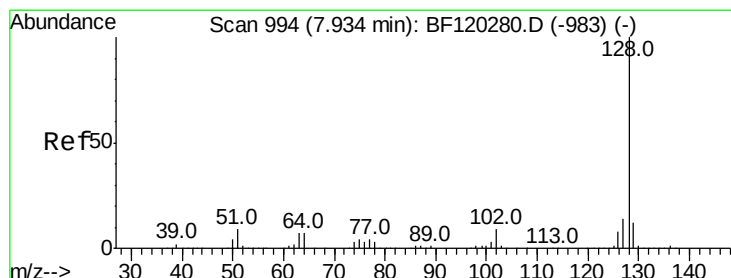
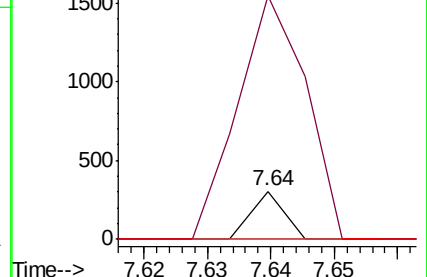
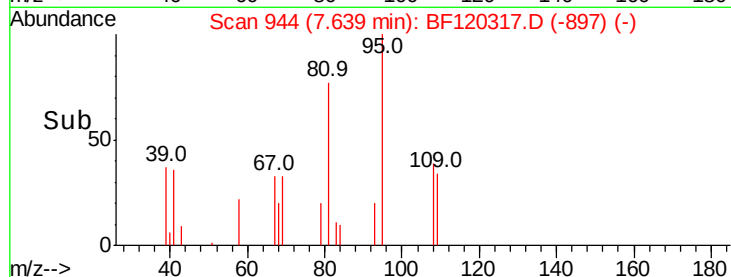
123 0.0 9.2 13.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1



#31

Naphthalene

Concen: 0.145 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

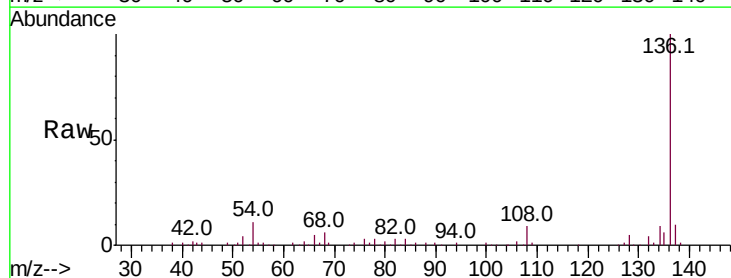
Tgt Ion: 128 Resp: 8926

Ion Ratio Lower Upper

128 100

129 9.2 9.3 13.9#

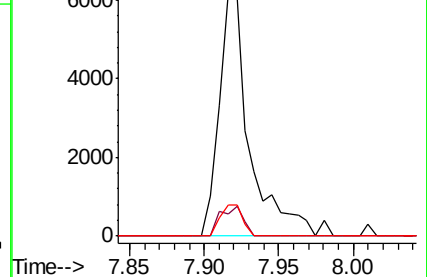
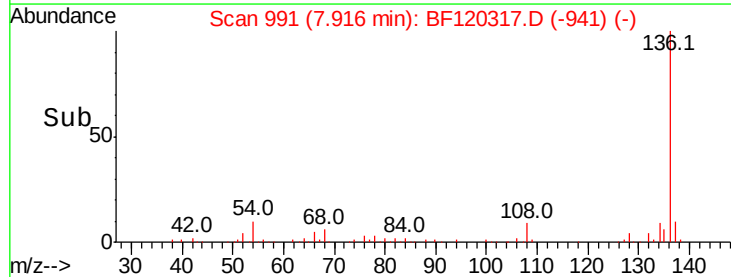
127 12.6 11.2 16.8



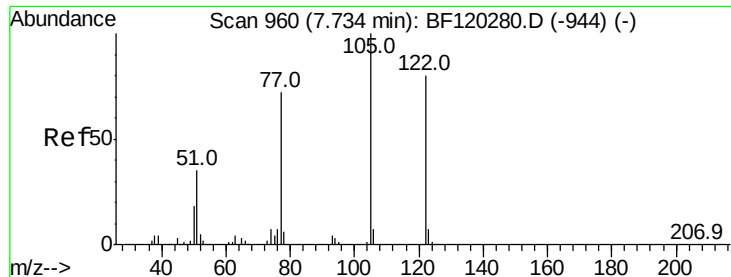
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



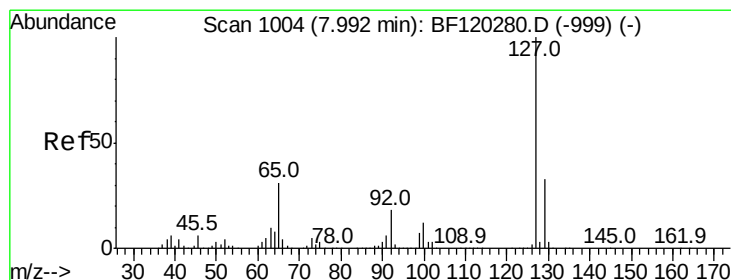
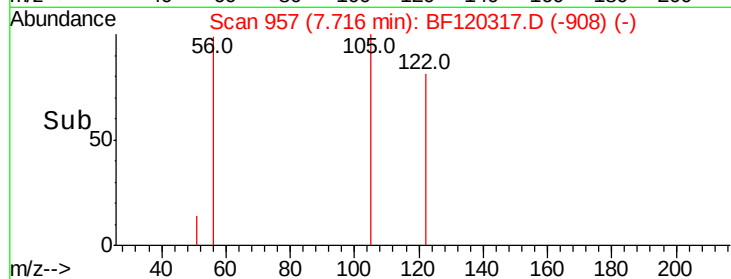
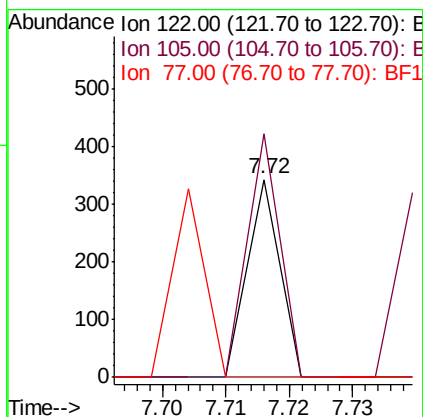
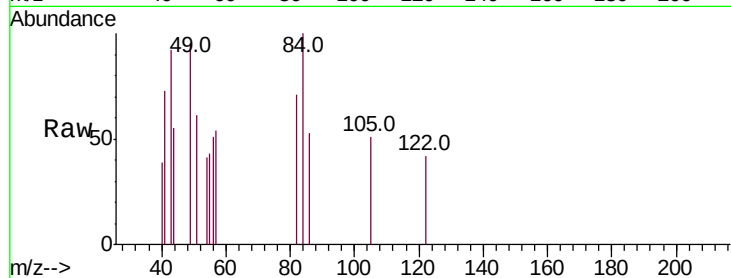




#32  
Benzoic acid  
Concen: 0.011 ng  
RT: 7.72 min Scan# 957  
Delta R.T. -0.01 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

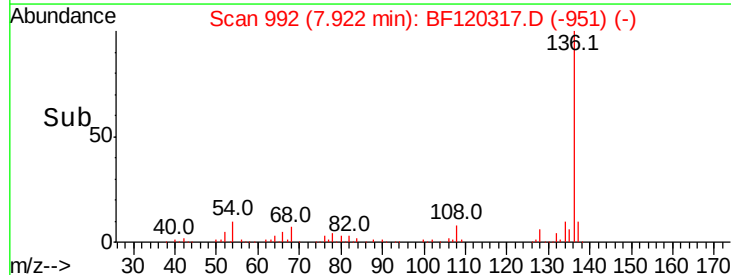
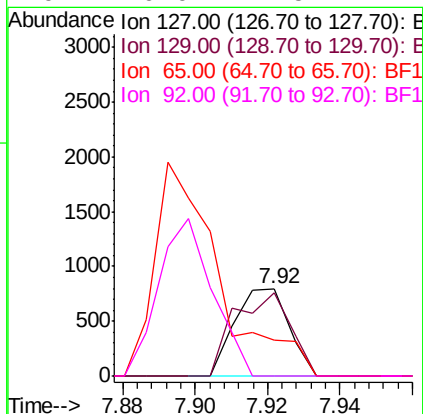
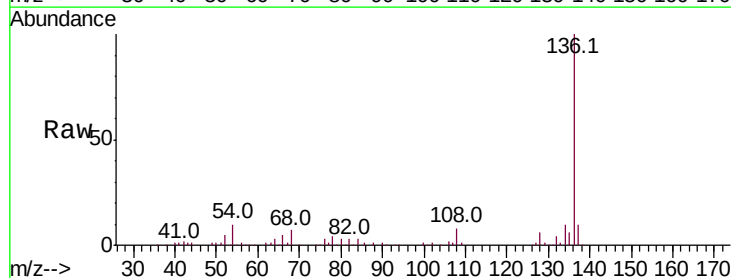
Instrument :  
BNA\_F  
ClientSampleId :  
239996

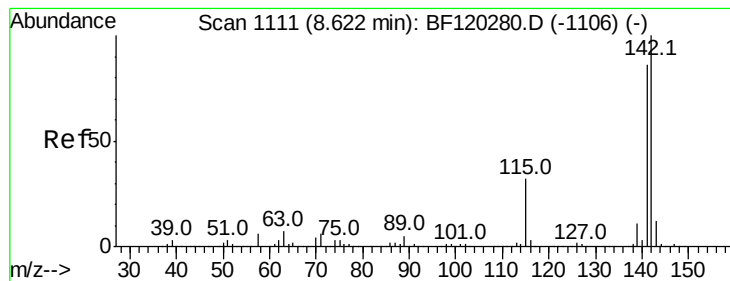
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 123.3 | 98.1  | 138.1  |
| 77      | 0.0   | 66.7  | 106.7# |



#33  
4-Chloroaniline  
Concen: 0.029 ng  
RT: 7.92 min Scan# 992  
Delta R.T. -0.06 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 95.1  | 26.4  | 39.6# |
| 65      | 40.5  | 24.8  | 37.2# |
| 92      | 0.0   | 14.5  | 21.7# |





#37

2-Methylnaphthalene

Concen: 0.118 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

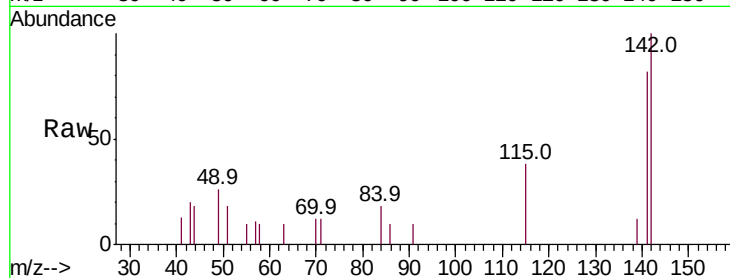
Tot Ion:142 Resp: 4992

Ion Ratio Lower Upper

142 100

141 82.3 68.8 103.2

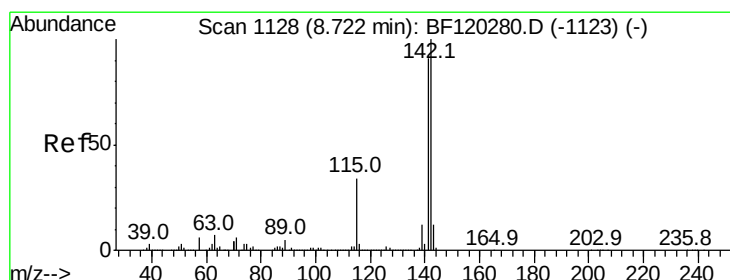
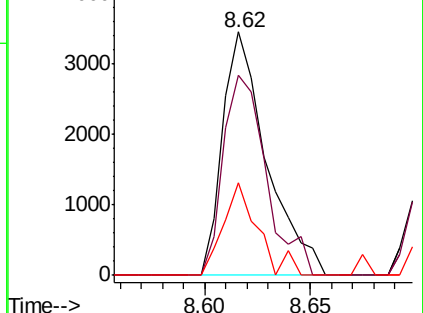
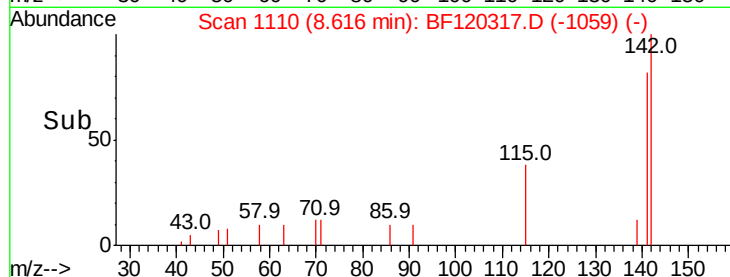
115 38.0 25.7 38.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 0.134 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

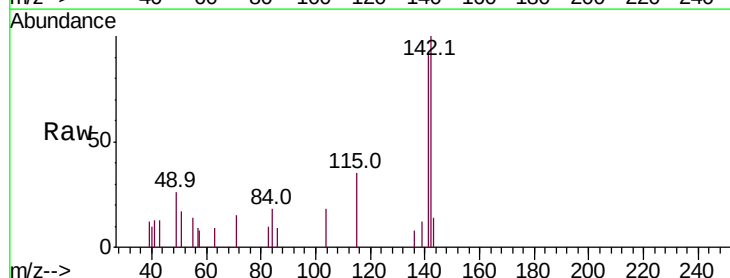
Tgt Ion:142 Resp: 5483

Ion Ratio Lower Upper

142 100

141 92.3 73.0 109.6

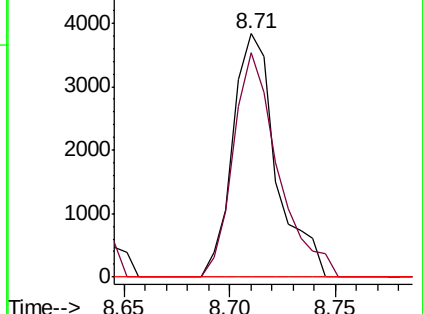
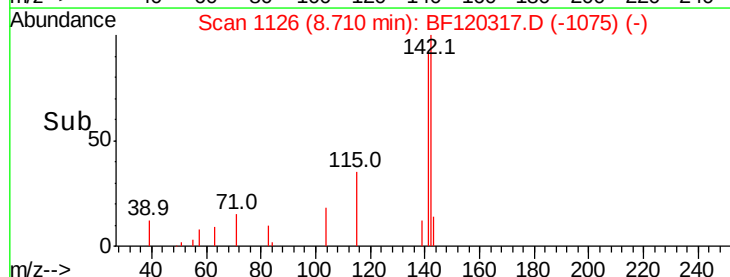
116 0.0 2.7 4.1#

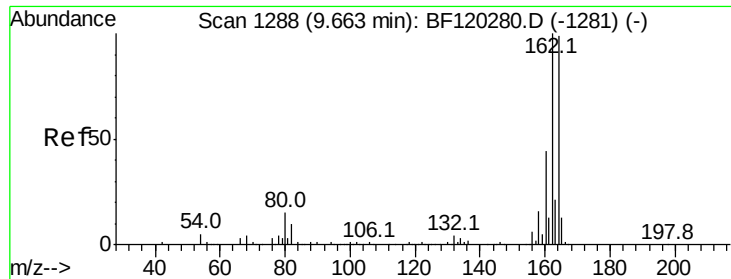


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

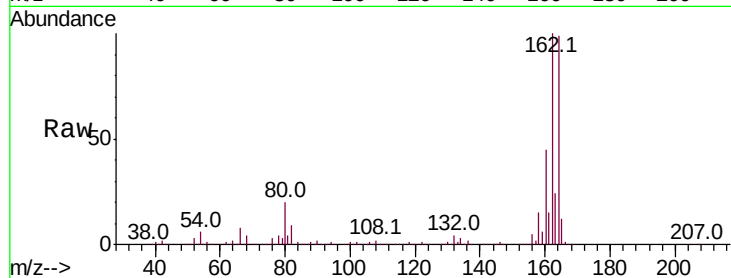




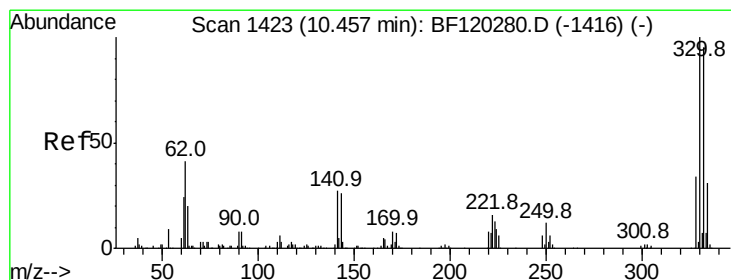
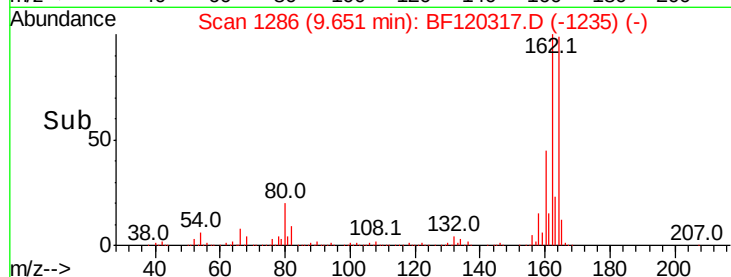
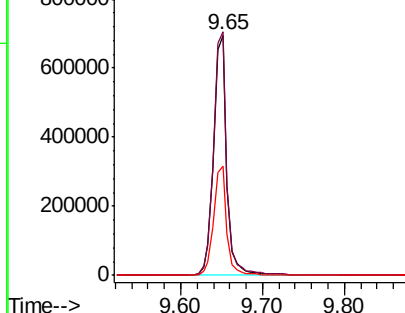
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.65 min Scan# 1286  
Delta R.T. -0.00 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

Instrument :  
BNA\_F  
ClientSampleId :  
239996

Tot Ion:164 Resp: 785421  
Ion Ratio Lower Upper  
164 100  
162 101.3 81.2 121.8  
160 45.2 35.8 53.6

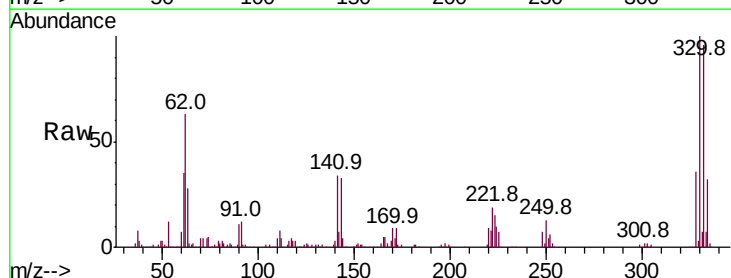


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

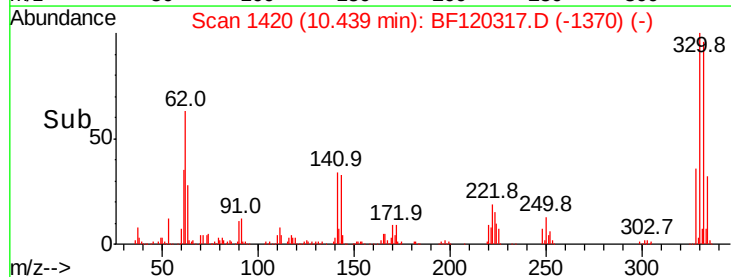
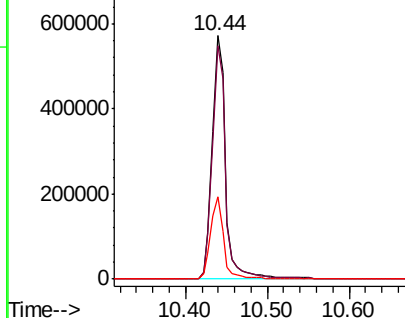


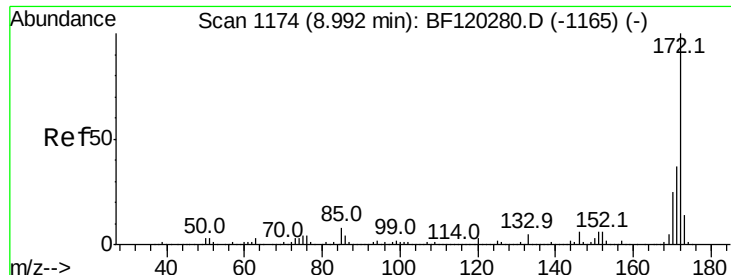
#42  
2,4,6-Tribromophenol  
Concen: 102.576 ng  
RT: 10.44 min Scan# 1420  
Delta R.T. -0.01 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

Tgt Ion:330 Resp: 656890  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.5 114.7  
141 33.3 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



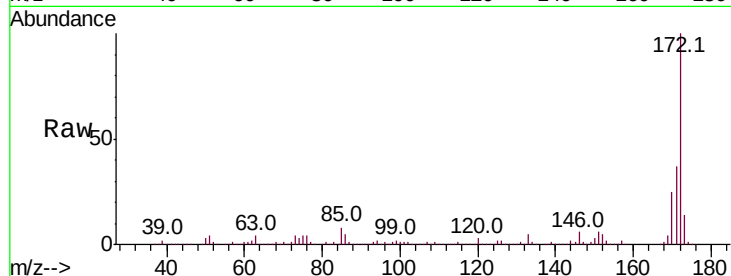


#45  
 2-Fluorobiphenyl  
 Concen: 70.918 ng  
 RT: 8.97 min Scan# 1171  
 Delta R.T. -0.01 min  
 Lab File: BF120317.D  
 Acq: 15 May 2020 13:12

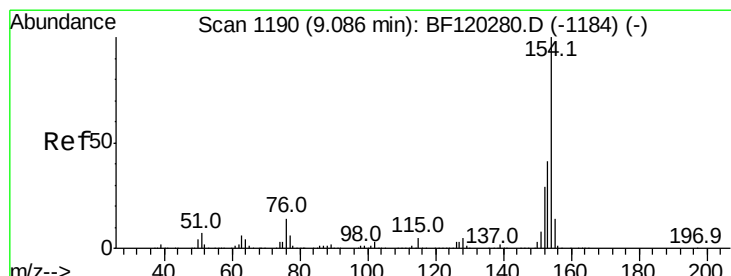
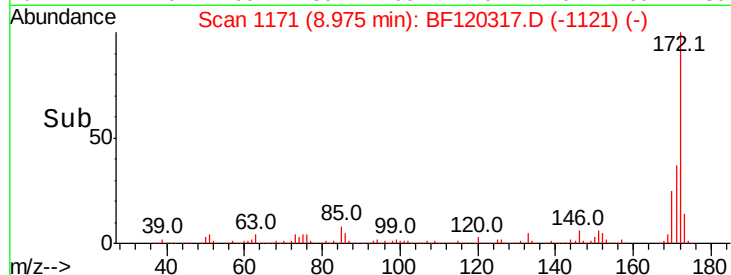
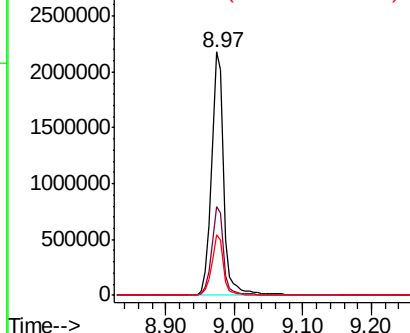
Instrument :  
 BNA\_F  
 ClientSampleId :  
 239996

Tot Ion:172 Resp: 2711175  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.7  | 29.7  | 44.5  |
| 170 | 24.6  | 19.9  | 29.9  |



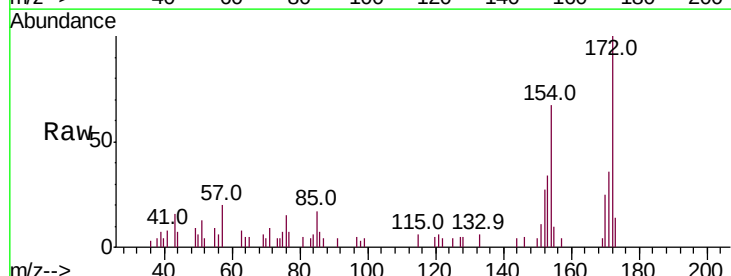
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E



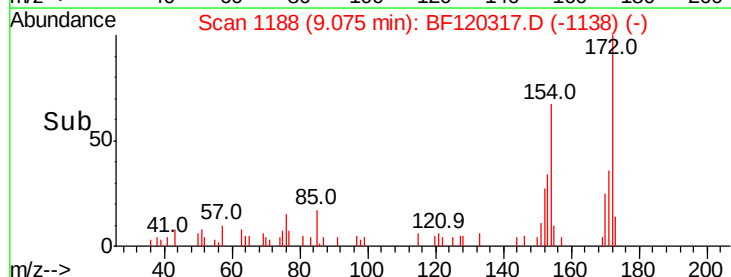
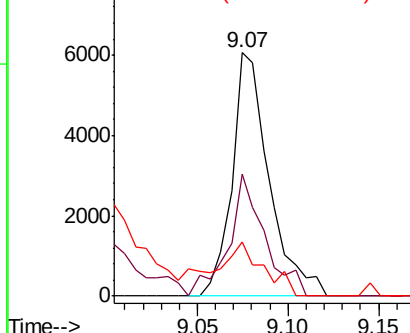
#46  
 1,1'-Biphenyl  
 Concen: 0.168 ng  
 RT: 9.07 min Scan# 1188  
 Delta R.T. -0.01 min  
 Lab File: BF120317.D  
 Acq: 15 May 2020 13:12

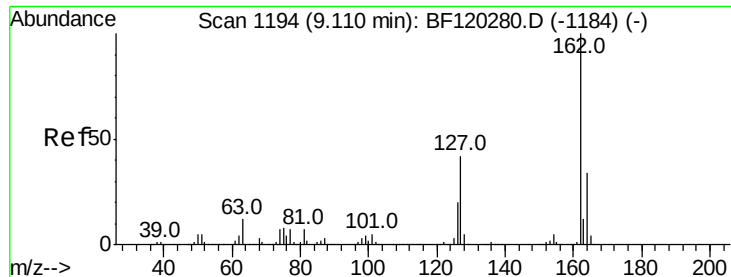
Tgt Ion:154 Resp: 8637  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 50.1  | 20.8  | 60.8  |
| 76  | 22.2  | 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

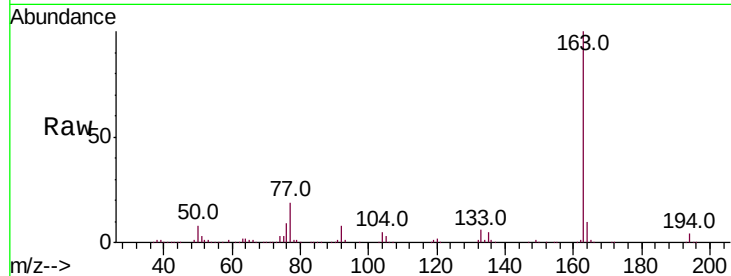




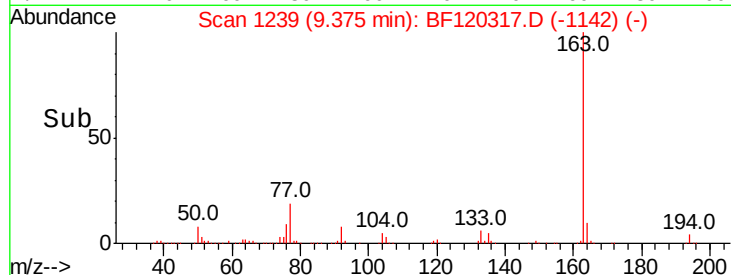
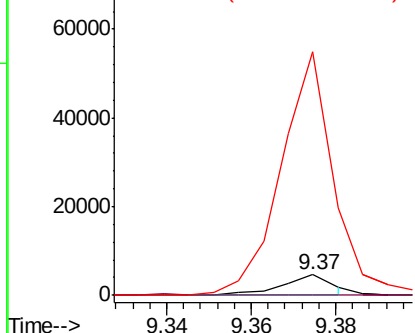
#47  
 2-Chloronaphthalene  
 Concen: 0.089 ng  
 RT: 9.37 min Scan# 1239  
 Delta R.T. 0.27 min  
 Lab File: BF120317.D  
 Acq: 15 May 2020 13:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 239996

Tot Ion:162 Resp: 3676  
 Ion Ratio Lower Upper  
 162 100  
 127 0.0 33.4 50.0#  
 164 1185.4 27.0 40.6#

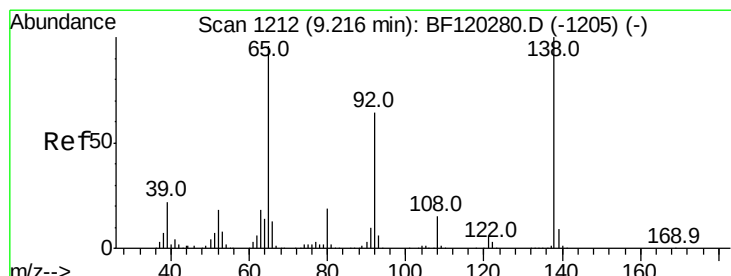


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

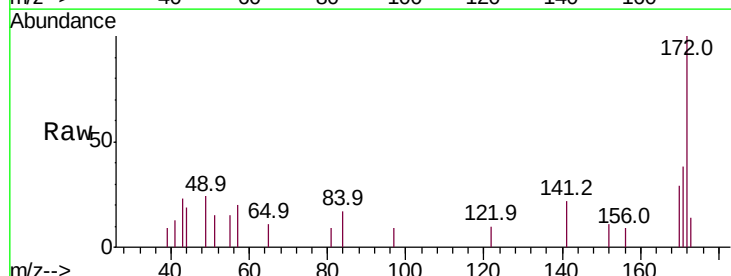
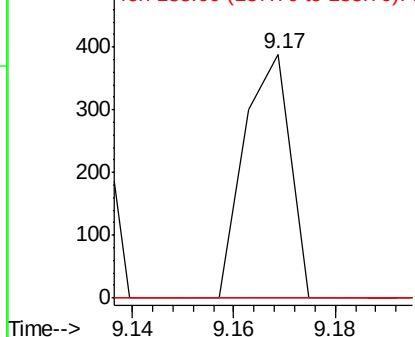


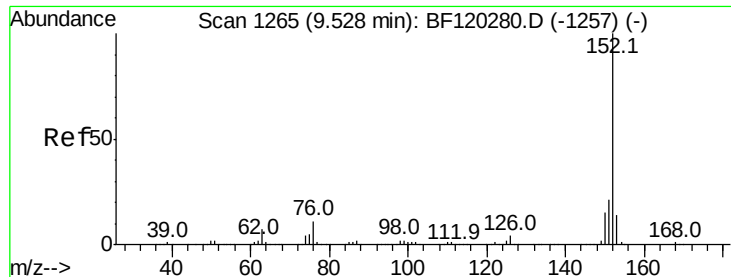
#48  
 2-Nitroaniline  
 Concen: 0.016 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.04 min  
 Lab File: BF120317.D  
 Acq: 15 May 2020 13:12

Tgt Ion: 65 Resp: 243  
 Ion Ratio Lower Upper  
 65 100  
 92 0.0 52.9 79.3#  
 138 0.0 83.0 124.4#



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





#49

Acenaphthylene

Concen: 0.216 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

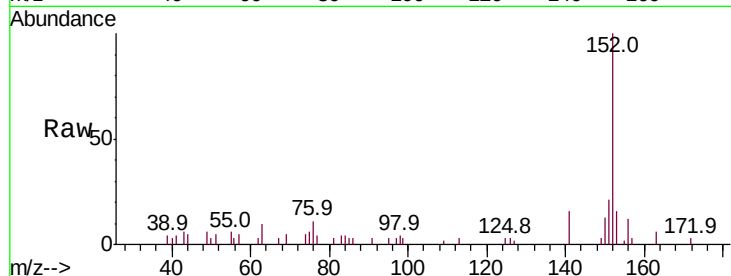
Tot Ion:152 Resp: 13640

Ion Ratio Lower Upper

152 100

151 21.3 16.6 25.0

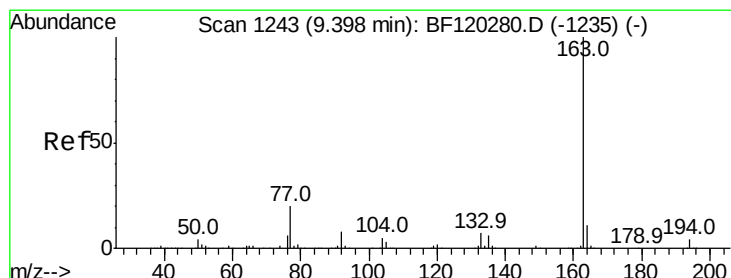
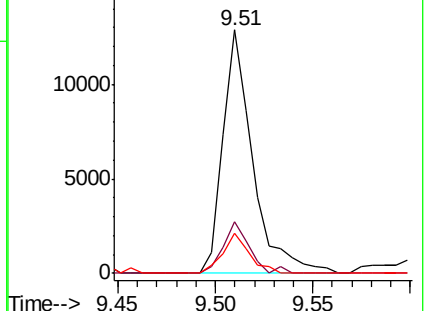
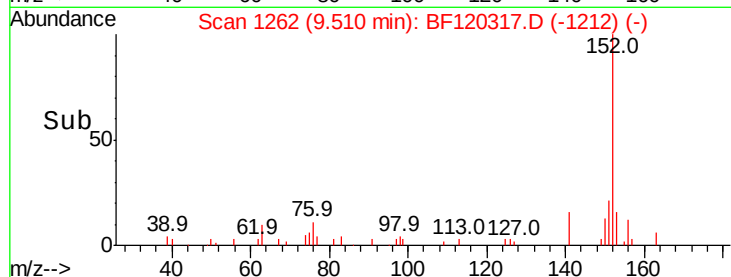
153 16.3 11.1 16.7



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: 10.000 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

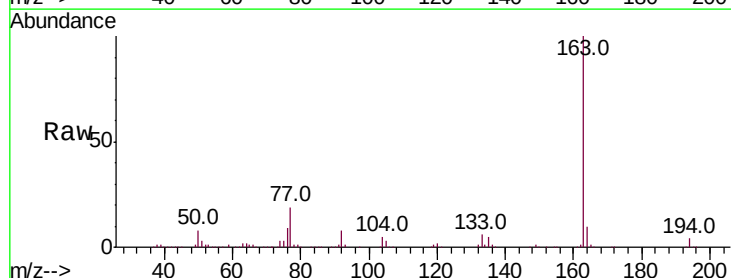
Tgt Ion:163 Resp: 496514

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

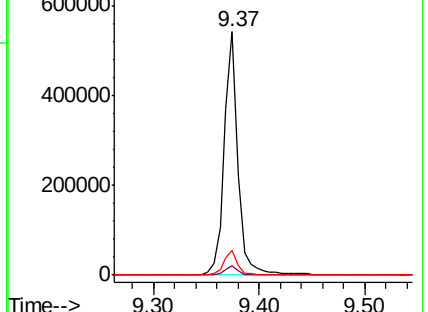
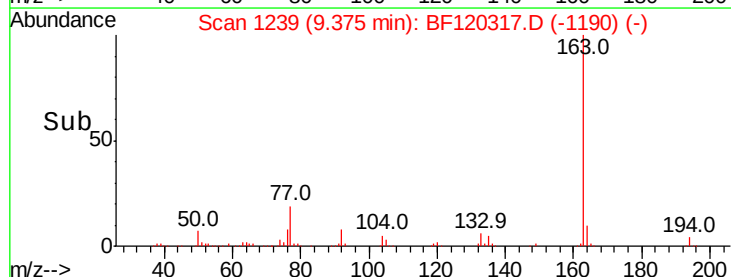
164 10.1 8.6 12.8

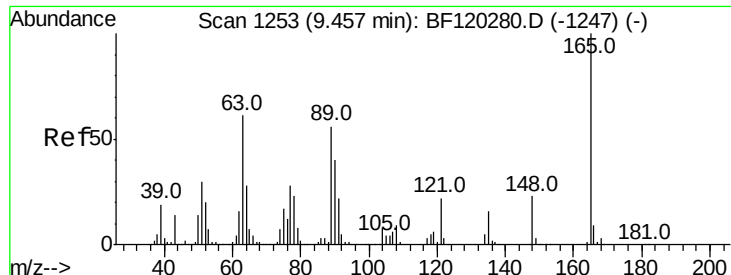


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

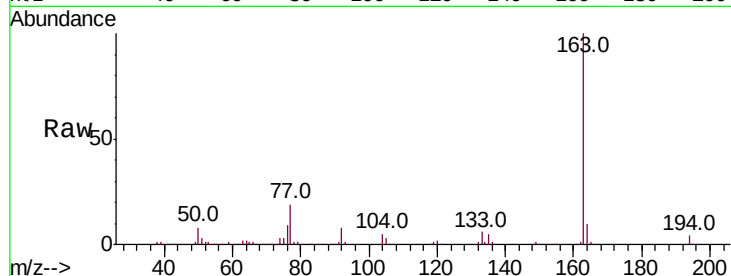




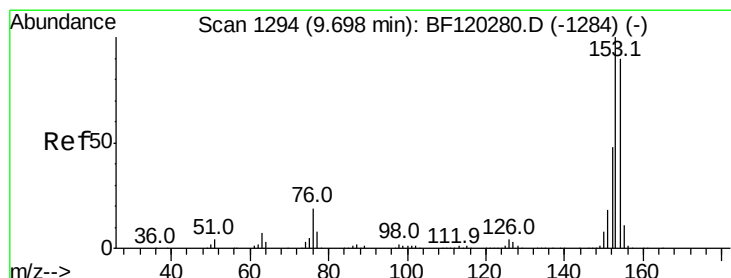
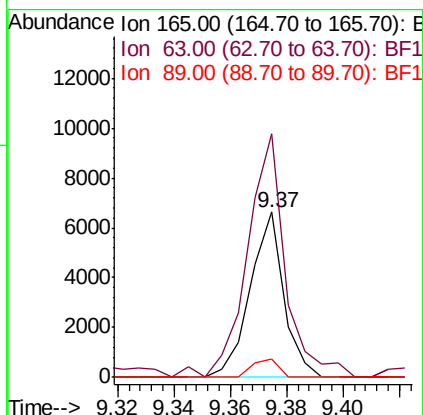
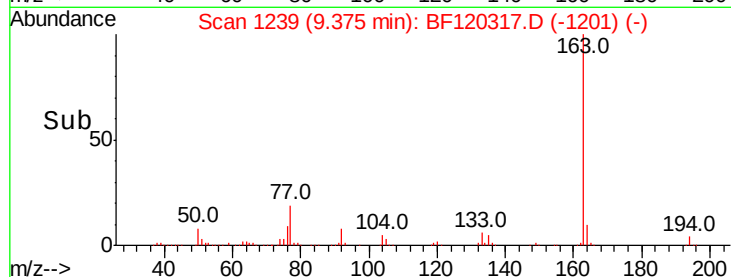
#51  
 2,6-Dinitrotoluene  
 Concen: 0.492 ng  
 RT: 9.37 min Scan# 1239  
 Delta R.T. -0.08 min  
 Lab File: BF120317.D  
 Acq: 15 May 2020 13:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 239996

Tot Ion:165 Resp: 5456  
 Ion Ratio Lower Upper  
 165 100  
 63 147.5 50.2 75.2#  
 89 11.0 44.6 66.8#

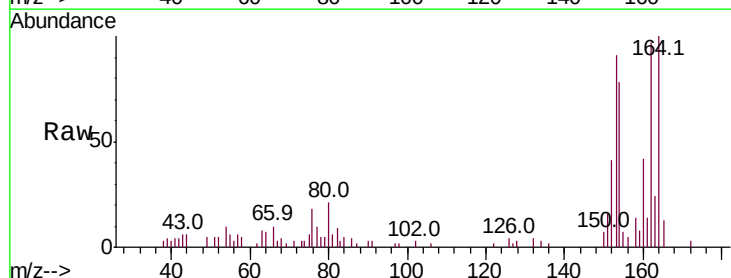


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

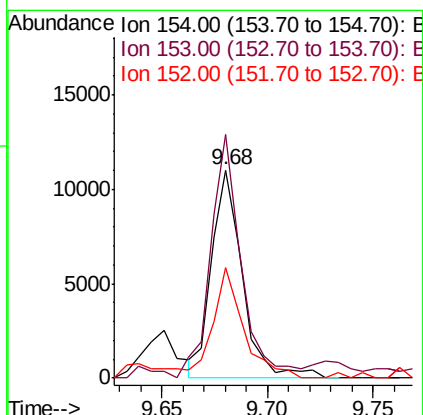
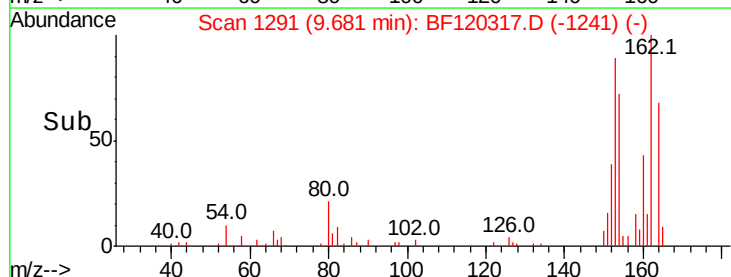


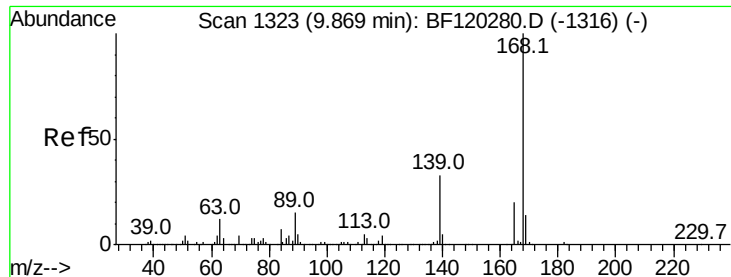
#52  
 Acenaphthene  
 Concen: 0.297 ng  
 RT: 9.68 min Scan# 1291  
 Delta R.T. -0.01 min  
 Lab File: BF120317.D  
 Acq: 15 May 2020 13:12

Tgt Ion:154 Resp: 11238  
 Ion Ratio Lower Upper  
 154 100  
 153 117.0 89.0 133.4  
 152 53.3 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E





#55

Dibenzofuran

Concen: 0.128 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

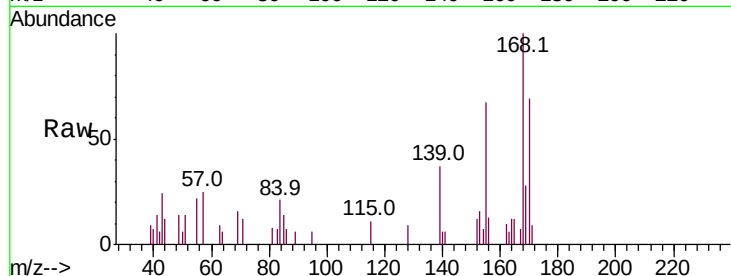
Tot Ion:168 Resp: 6961

Ion Ratio Lower Upper

168 100

139 36.8 29.8 44.6

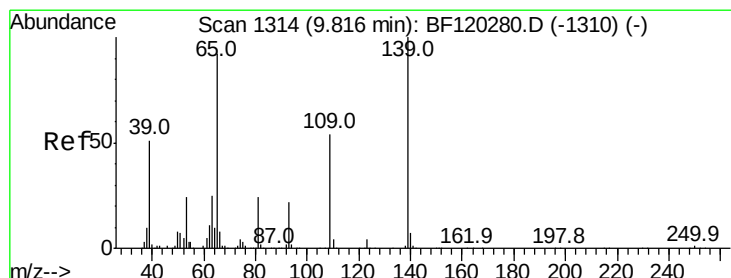
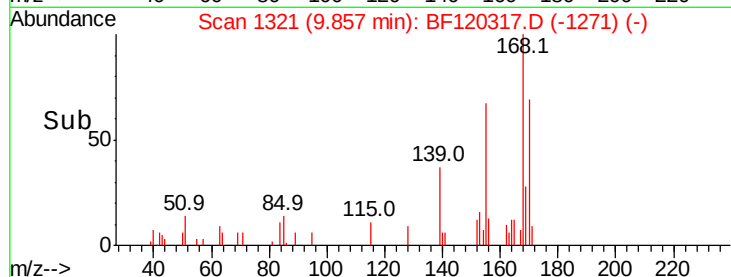
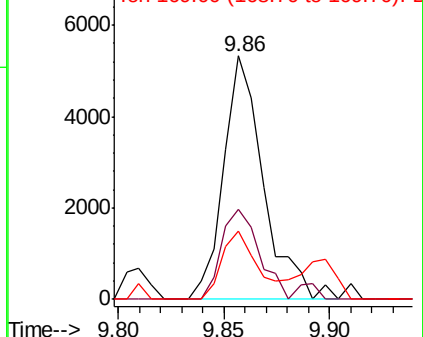
169 28.0 11.0 16.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.373 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.05 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

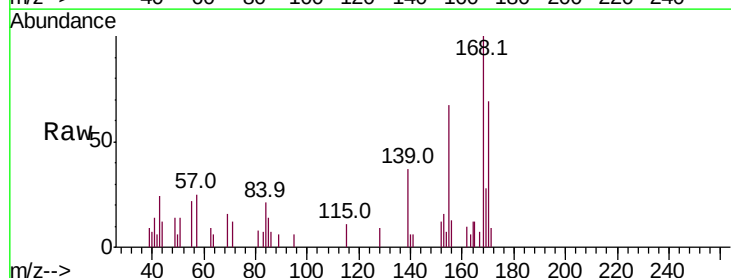
Tgt Ion:139 Resp: 2645

Ion Ratio Lower Upper

139 100

109 0.0 34.6 74.6#

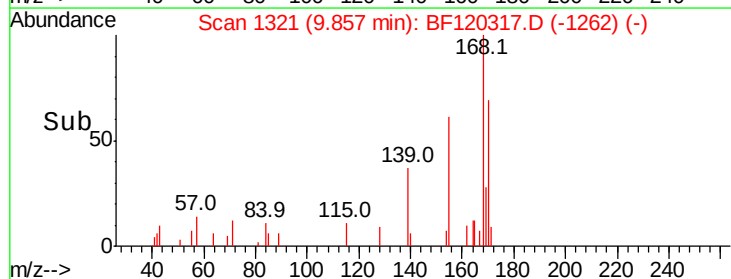
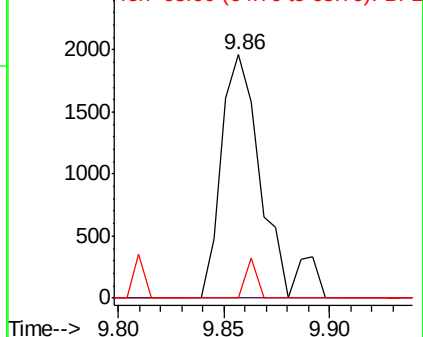
65 0.0 73.3 113.3#



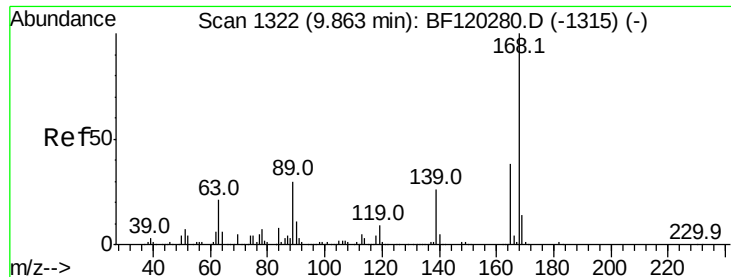
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1







#57

2,4-Dinitrotoluene

Concen: 7.691 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.21 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

Tot Ion:165 Resp: 99979

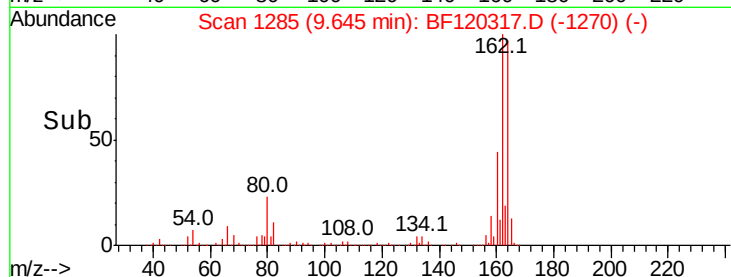
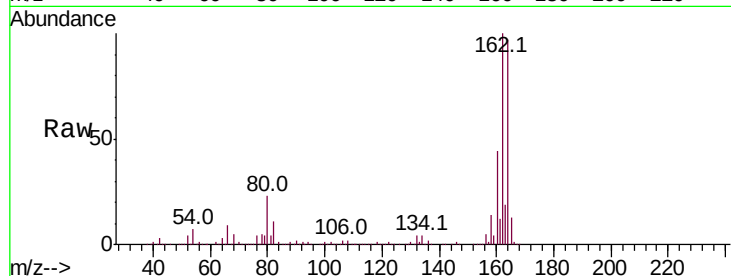
Ion Ratio Lower Upper

165 100

63 1.1 51.8 77.8#

89 1.2 64.2 96.4#

182 0.0 2.0 3.0#

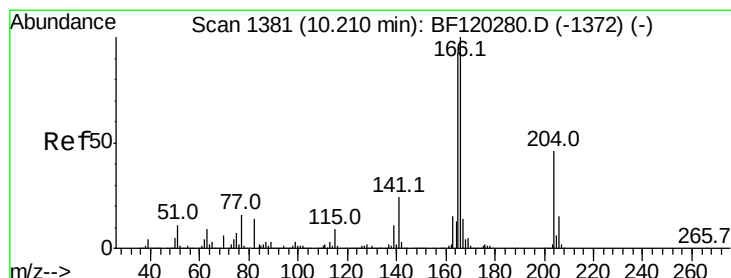
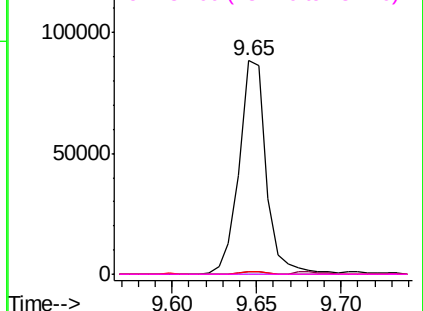


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 0.319 ng

RT: 10.20 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

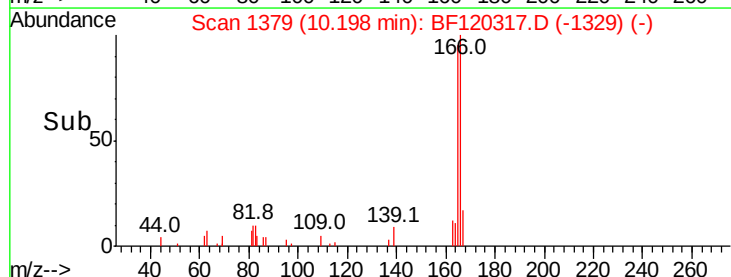
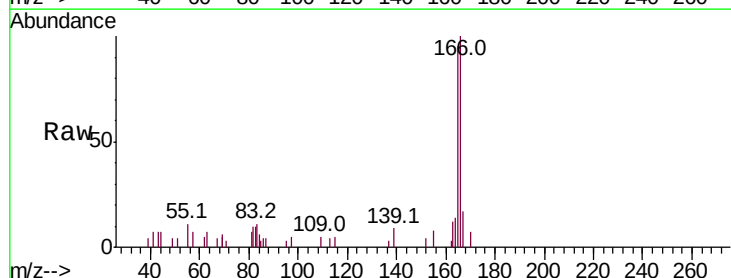
Tgt Ion:166 Resp: 13241

Ion Ratio Lower Upper

166 100

165 95.1 74.7 112.1

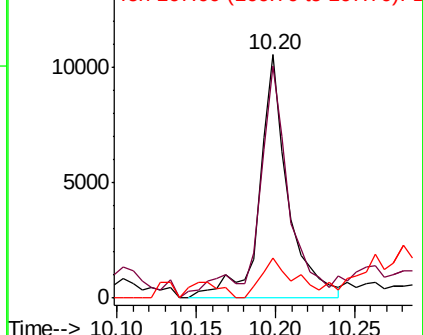
167 16.7 11.4 17.0

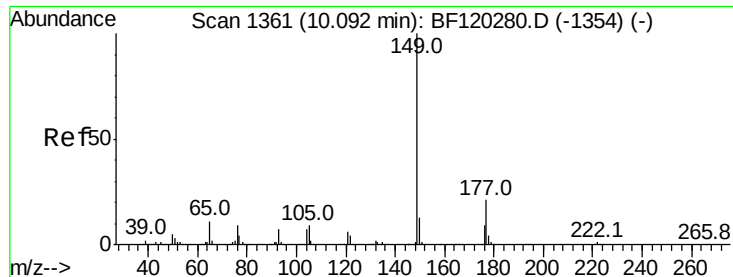


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#60

Diethylphthalate

Concen: 0.016 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

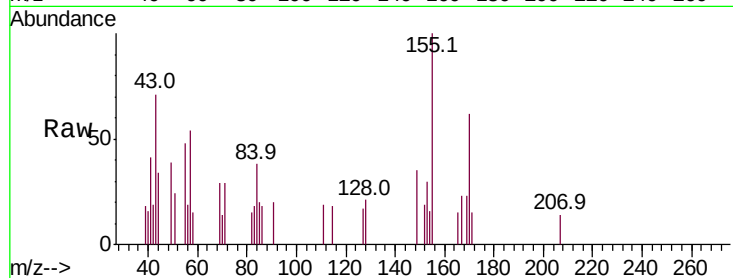
Tot Ion:149 Resp: 783

Ion Ratio Lower Upper

149 100

177 0.0 17.1 25.7#

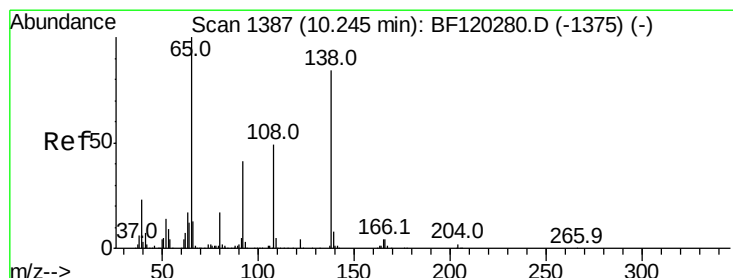
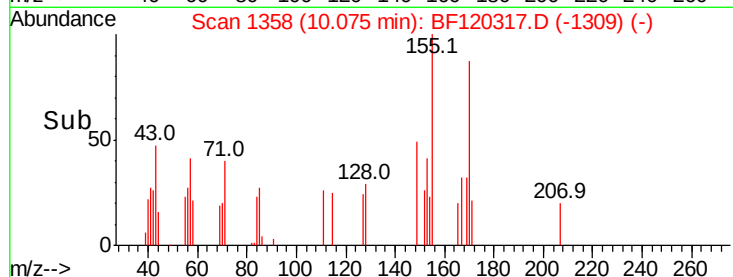
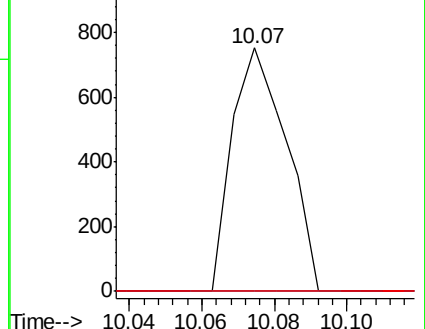
150 0.0 10.3 15.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

4-Nitroaniline

Concen: 0.010 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.21 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

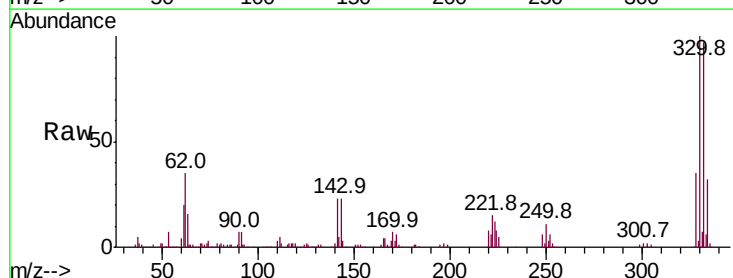
Tgt Ion:138 Resp: 128

Ion Ratio Lower Upper

138 100

92 895.9 28.9 68.9#

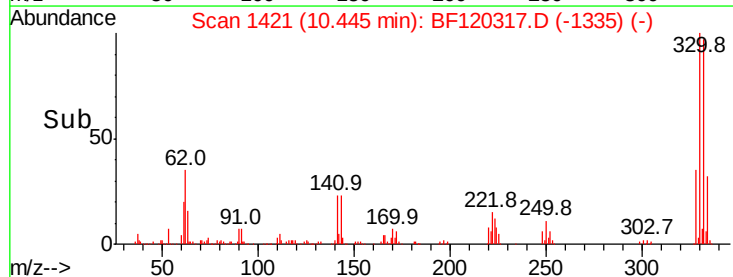
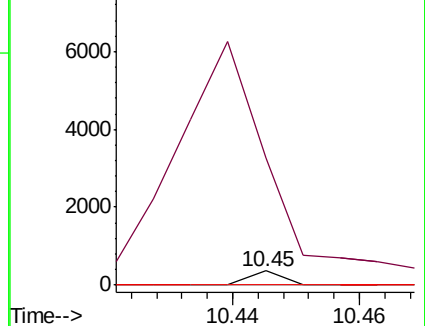
108 0.0 38.4 78.4#

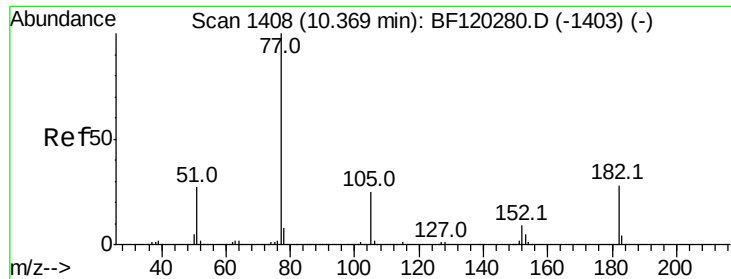


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 0.030 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

Tot Ion: 77 Resp: 1338

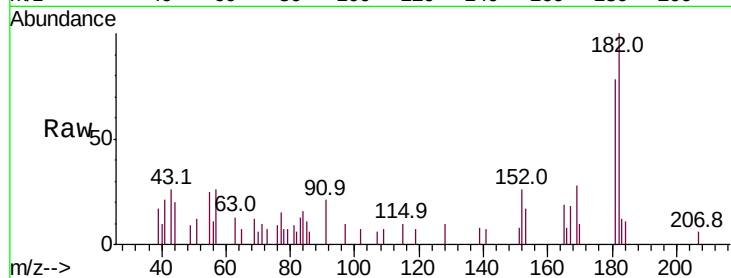
Ion Ratio Lower Upper

77 100

182 673.6 7.4 47.4#

105 0.0 4.4 44.4#

51 77.5 8.3 48.3#

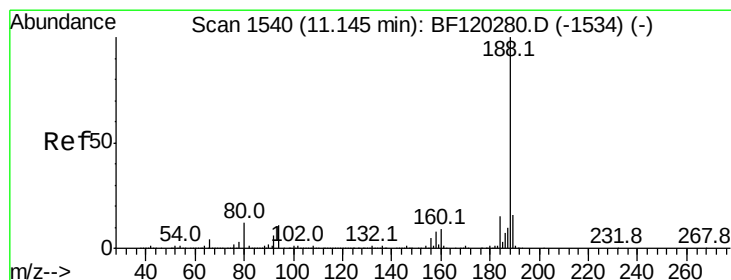
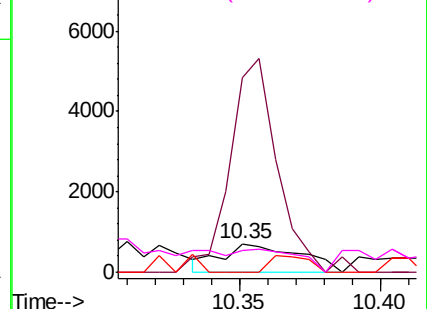
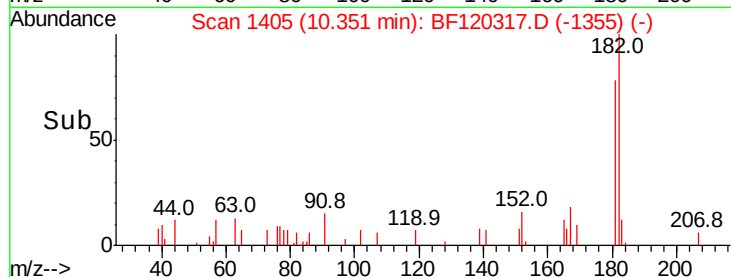


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

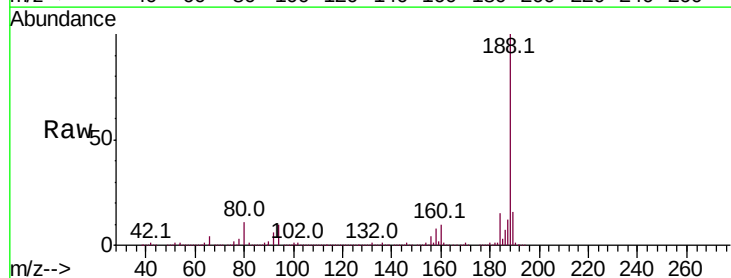
Tgt Ion: 188 Resp: 1575373

Ion Ratio Lower Upper

188 100

94 10.3 8.6 13.0

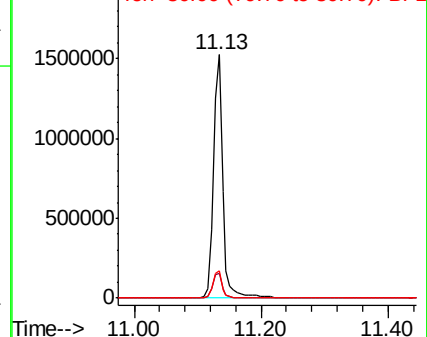
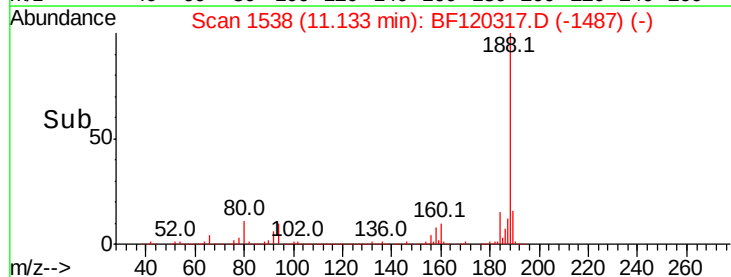
80 11.0 9.2 13.8

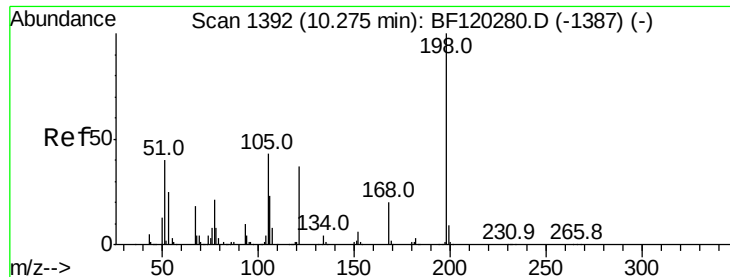


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.17 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

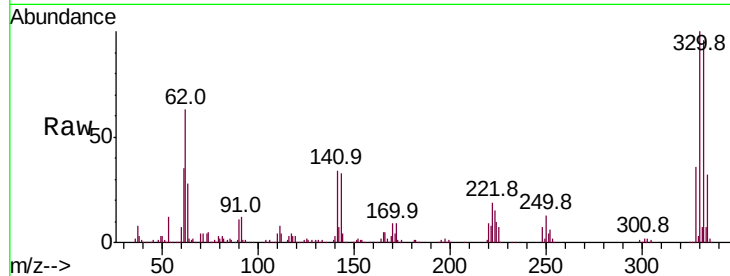
Tot Ion:198 Resp: 1098

Ion Ratio Lower Upper

198 100

51 284.2 27.1 67.1#

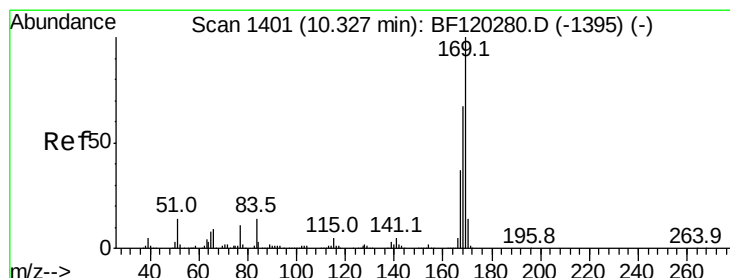
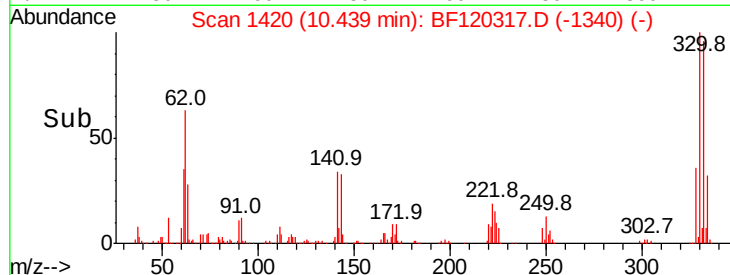
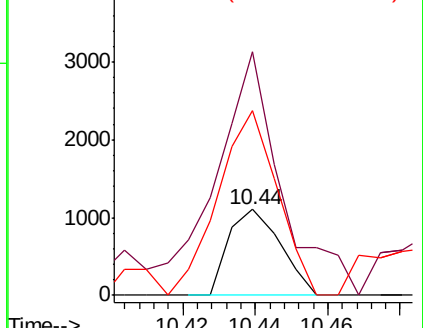
105 215.3 24.3 64.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.022 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

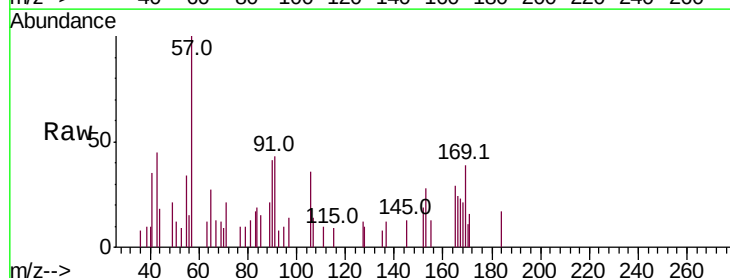
Tgt Ion:169 Resp: 969

Ion Ratio Lower Upper

169 100

168 53.4 53.7 80.5#

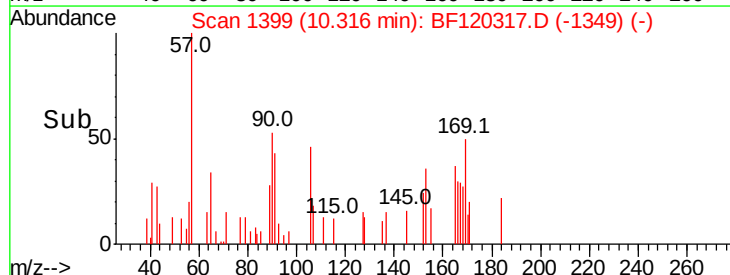
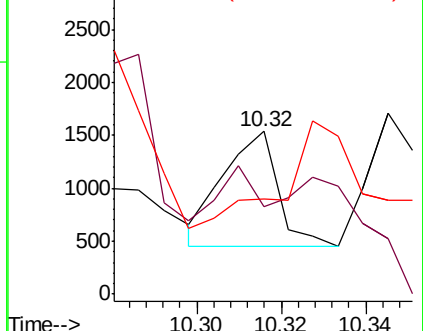
167 58.6 29.8 44.6#

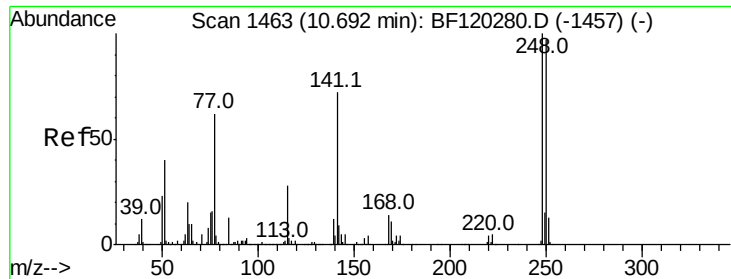


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

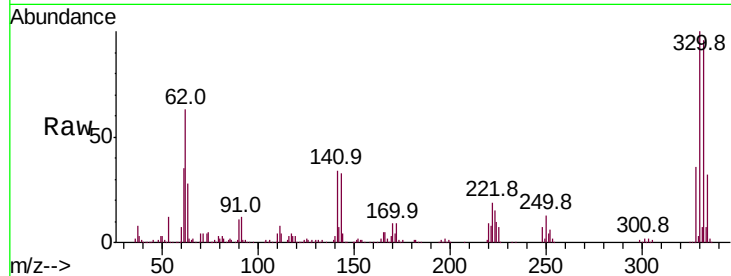




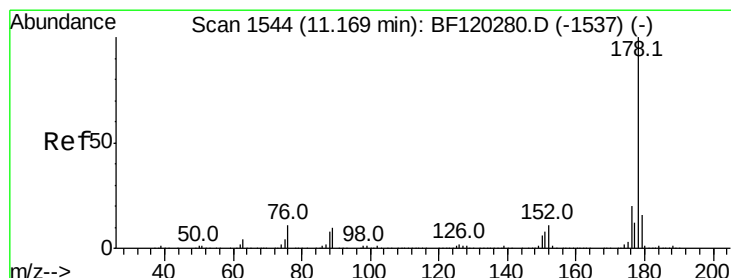
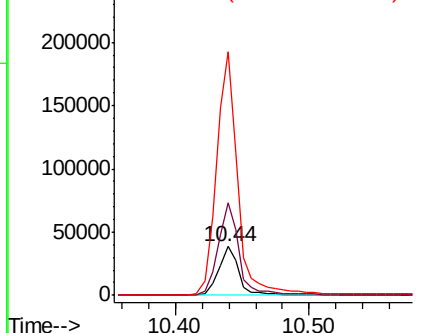
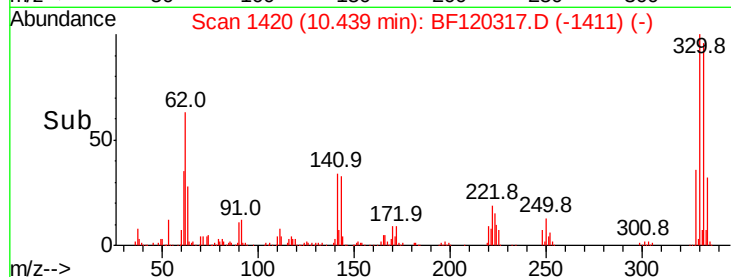
#67  
 4-Bromophenyl-phenylether  
 Concen: 2.740 ng  
 RT: 10.44 min Scan# 1420  
 Delta R.T. -0.25 min  
 Lab File: BF120317.D  
 Acq: 15 May 2020 13:12

Instrument :  
 BNA\_F  
 ClientSampled :  
 239996

Tot Ion:248 Resp: 41881  
 Ion Ratio Lower Upper  
 248 100  
 250 188.9 77.8 116.6#  
 141 498.2 57.7 86.5#

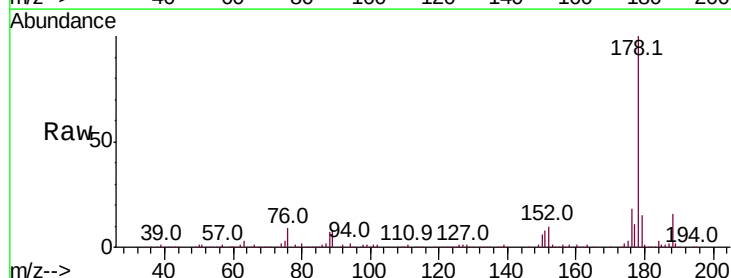


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

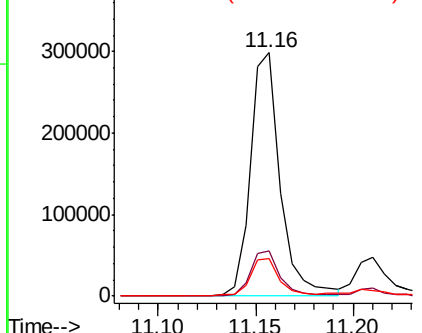
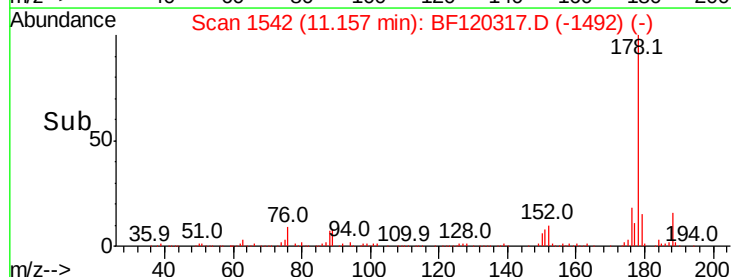


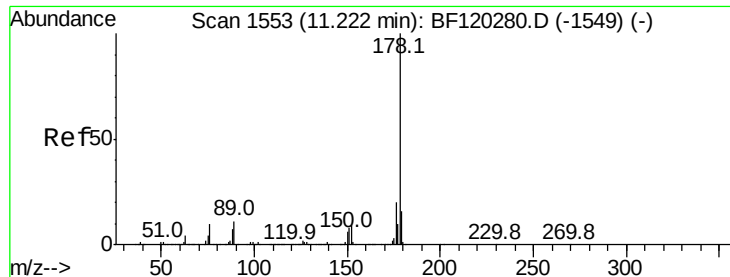
#71  
 Phenanthrene  
 Concen: 4.787 ng  
 RT: 11.16 min Scan# 1542  
 Delta R.T. -0.01 min  
 Lab File: BF120317.D  
 Acq: 15 May 2020 13:12

Tgt Ion:178 Resp: 316868  
 Ion Ratio Lower Upper  
 178 100  
 176 18.4 15.8 23.8  
 179 15.2 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: 0.811 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

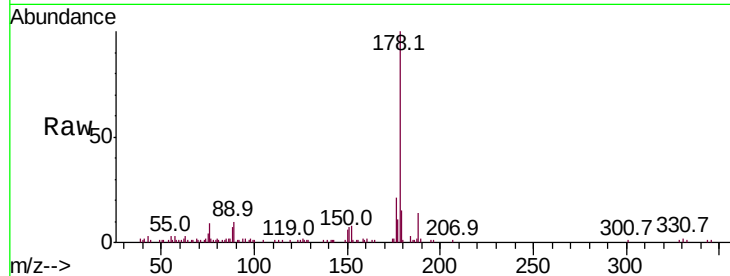
Tot Ion:178 Resp: 57474

Ion Ratio Lower Upper

178 100

176 20.8 15.7 23.5

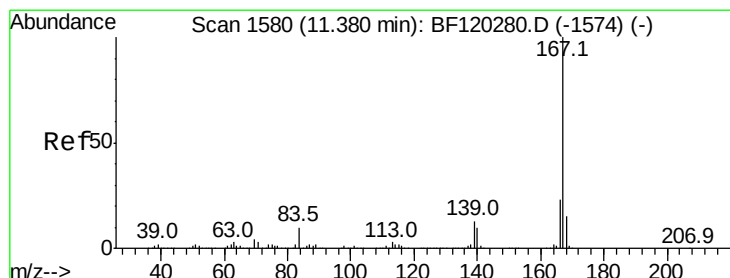
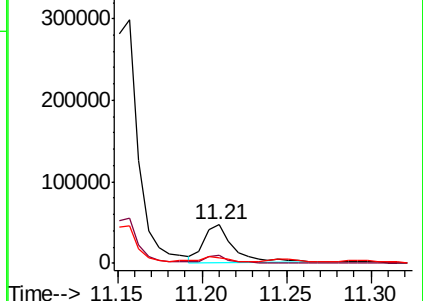
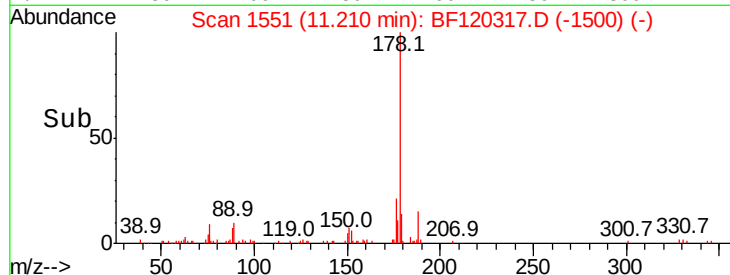
179 14.7 13.0 19.6



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: 0.390 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

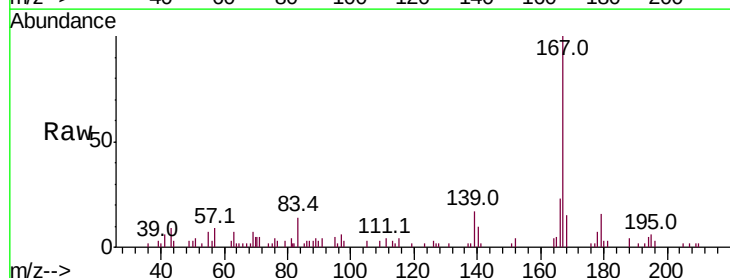
Tgt Ion:167 Resp: 25842

Ion Ratio Lower Upper

167 100

166 22.7 18.1 27.1

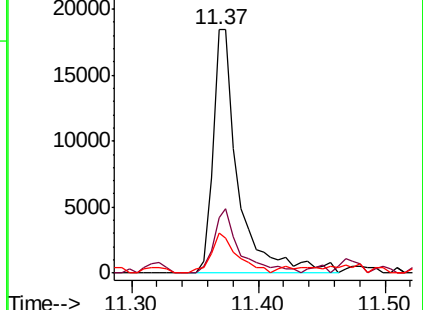
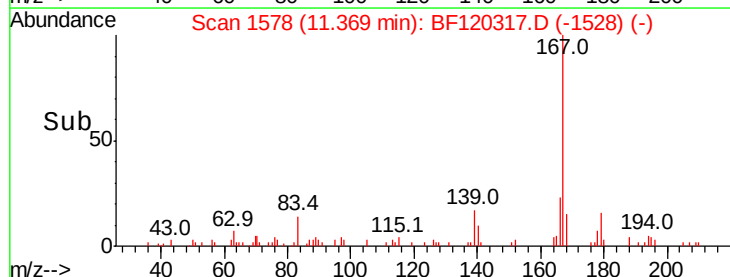
139 16.5 10.6 15.8#

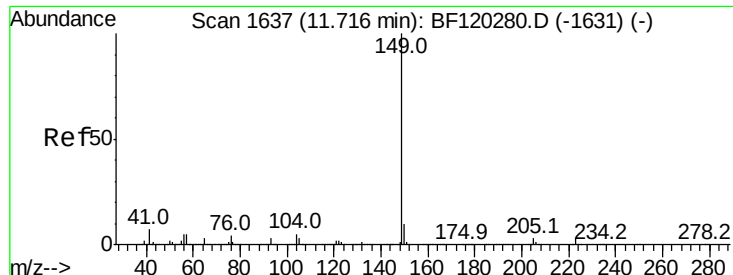


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.071 ng

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

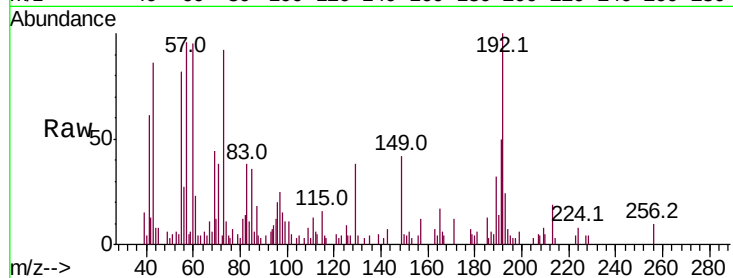
Tot Ion:149 Resp: 5634

Ion Ratio Lower Upper

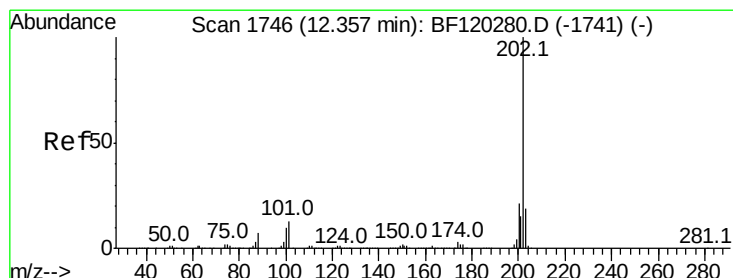
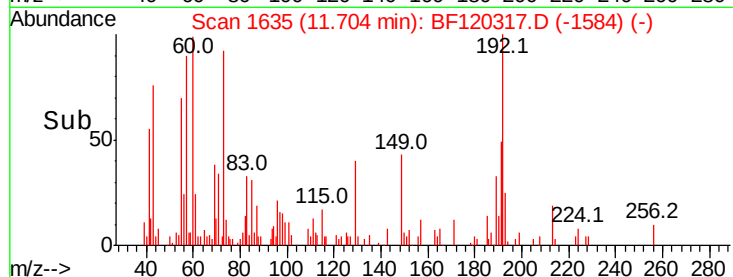
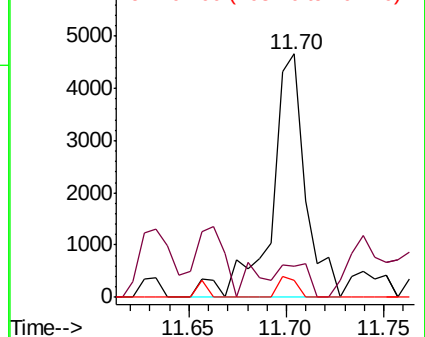
149 100

150 13.0 8.2 12.4#

104 7.1 3.8 5.8#



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



#75

Fluoranthene

Concen: 6.700 ng

RT: 12.34 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

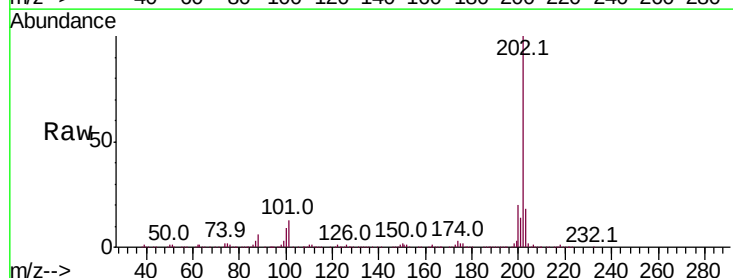
Tgt Ion:202 Resp: 475409

Ion Ratio Lower Upper

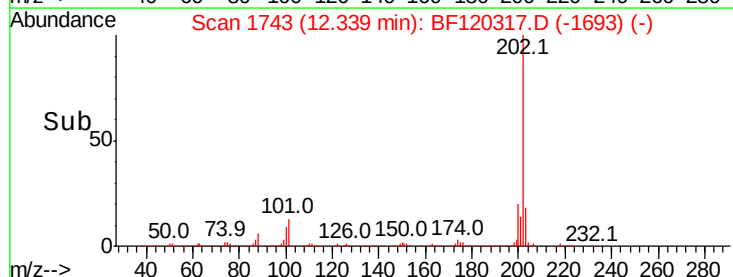
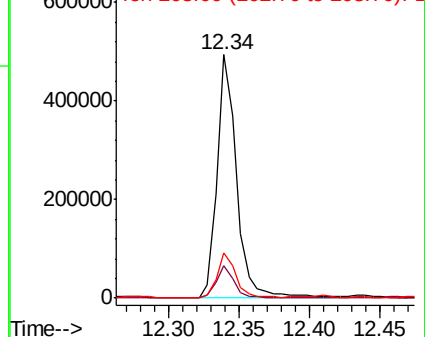
202 100

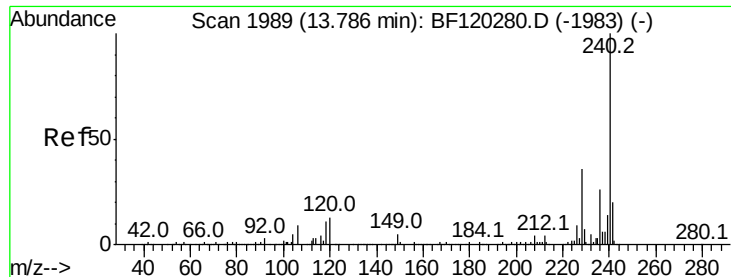
101 13.3 0.0 33.2

203 18.5 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

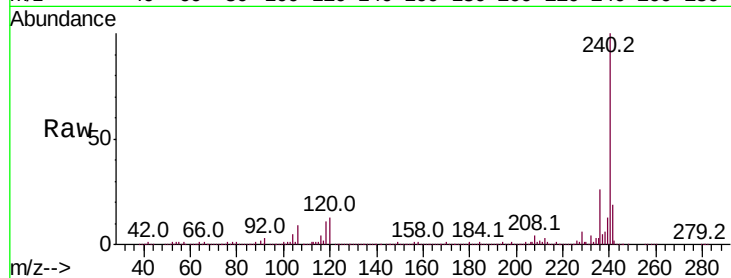
Tot Ion:240 Resp: 930005

Ion Ratio Lower Upper

240 100

120 12.9 10.4 15.6

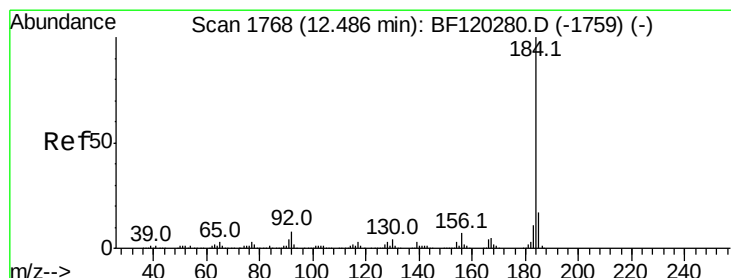
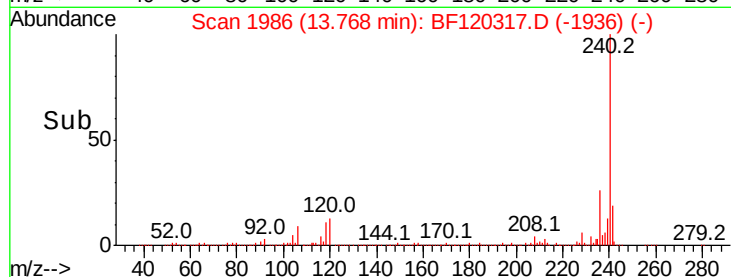
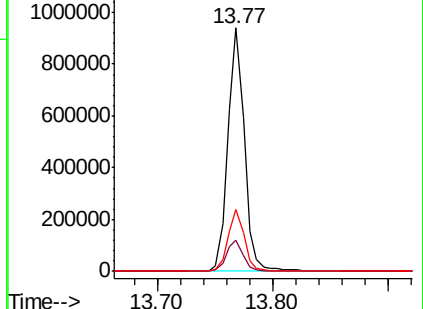
236 25.6 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 1.338 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.25 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

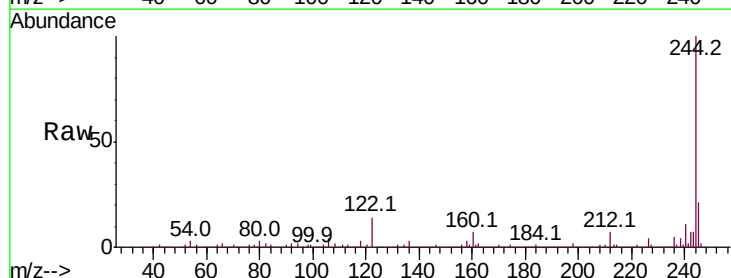
Tgt Ion:184 Resp: 36348

Ion Ratio Lower Upper

184 100

185 15.2 13.7 20.5

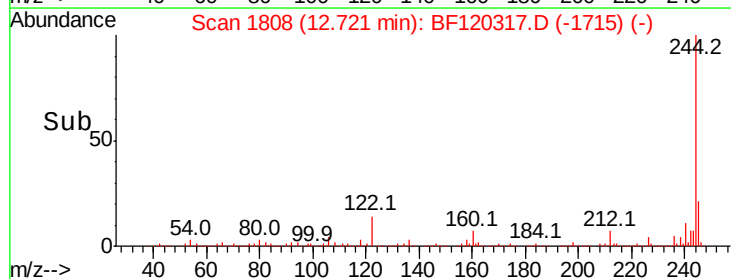
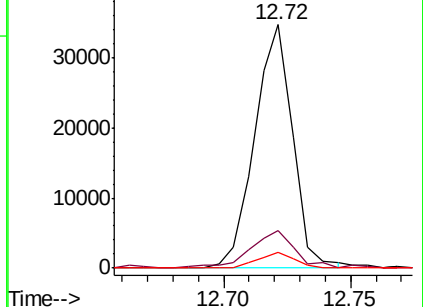
183 6.5 8.7 13.1#



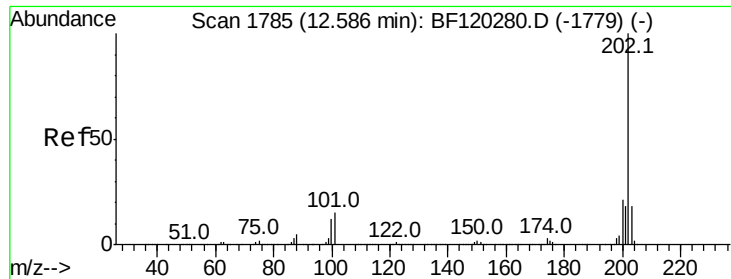
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



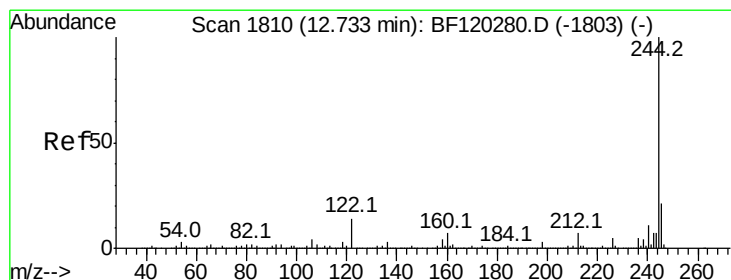
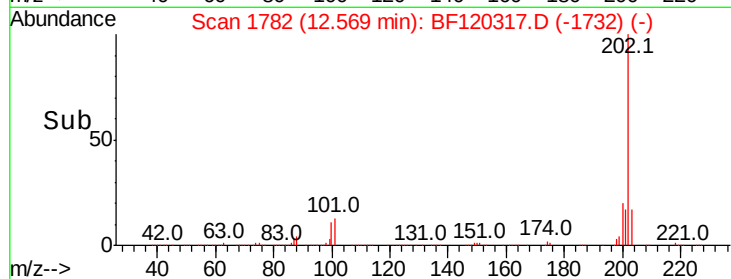
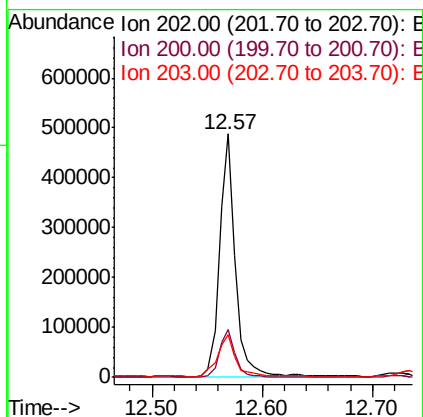
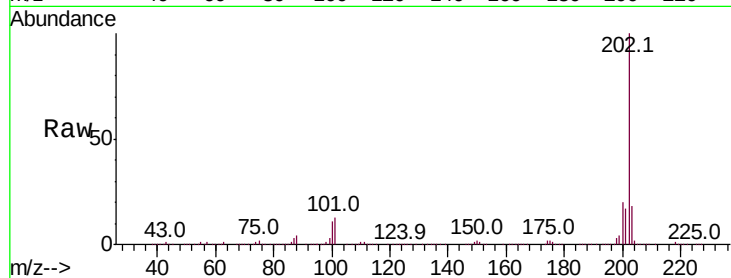




#78  
Pvrene  
Concen: 7.233 ng  
RT: 12.57 min Scan# 1782  
Delta R.T. -0.01 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

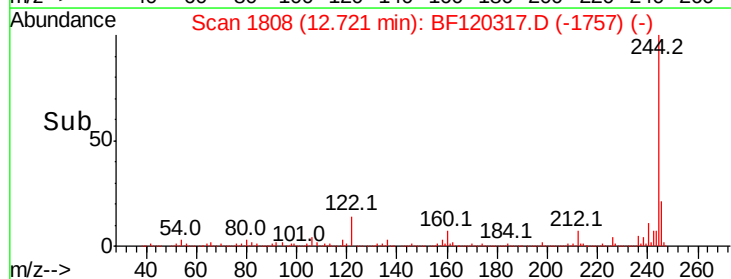
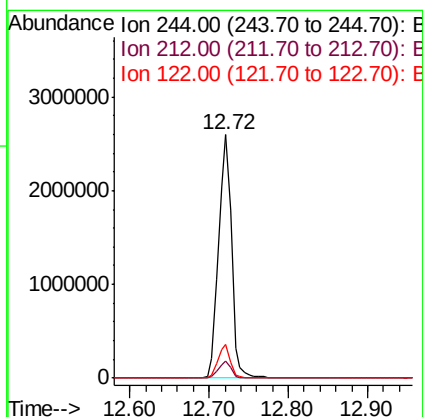
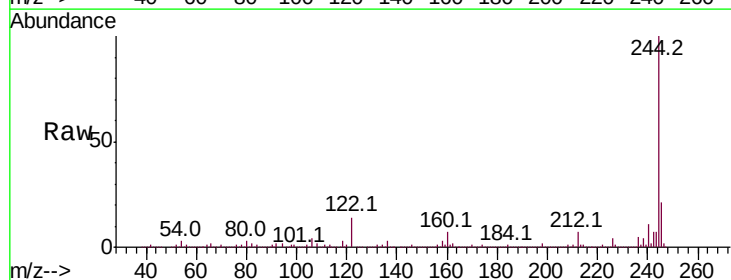
Instrument :  
BNA\_F  
ClientSampleId :  
239996

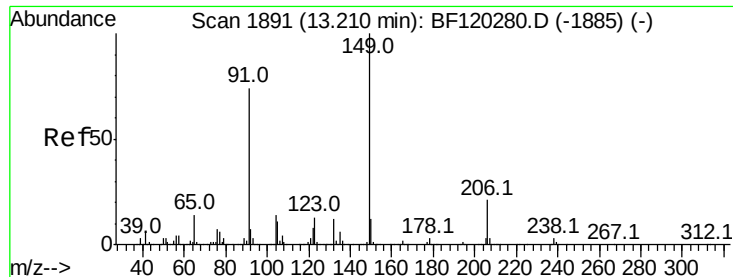
Tot Ion:202 Resp: 479532  
Ion Ratio Lower Upper  
202 100  
200 19.8 16.6 25.0  
203 17.8 14.6 22.0



#79  
Terphenyl-d14  
Concen: 70.245 ng  
RT: 12.72 min Scan# 1808  
Delta R.T. -0.00 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

Tgt Ion:244 Resp: 2957065  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.8 8.6  
122 13.8 10.8 16.2

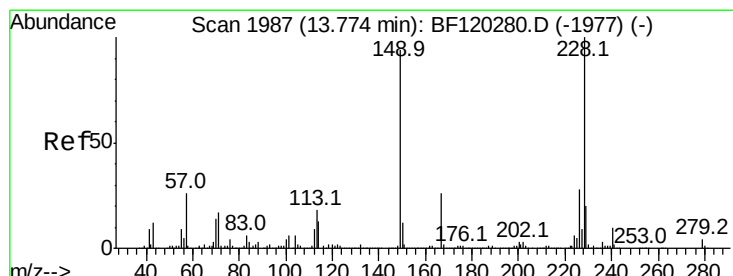
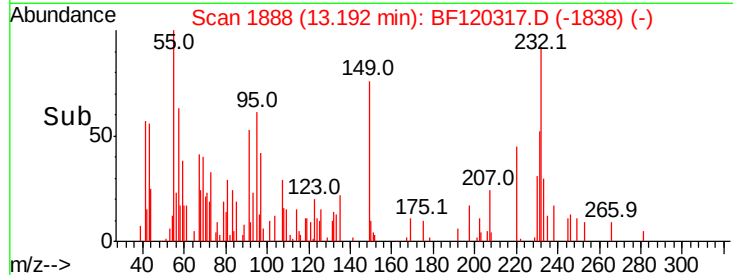
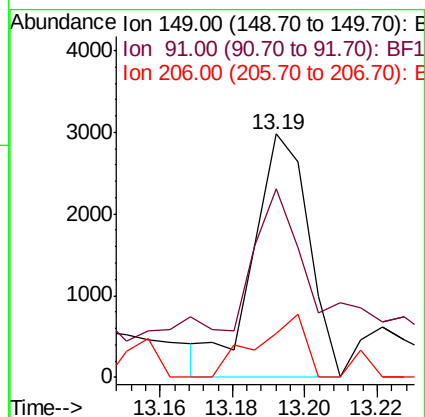
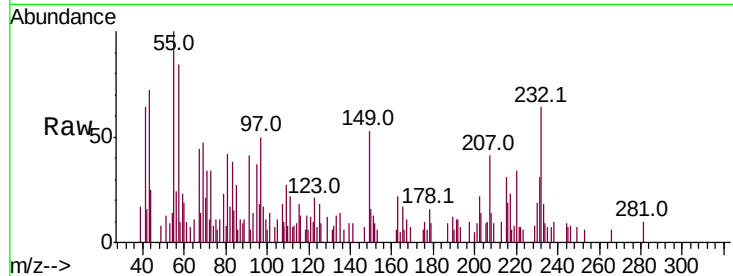




#80  
Butylbenzylphthalate  
Concen: 0.102 ng  
RT: 13.19 min Scan# 1888  
Delta R.T. -0.01 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

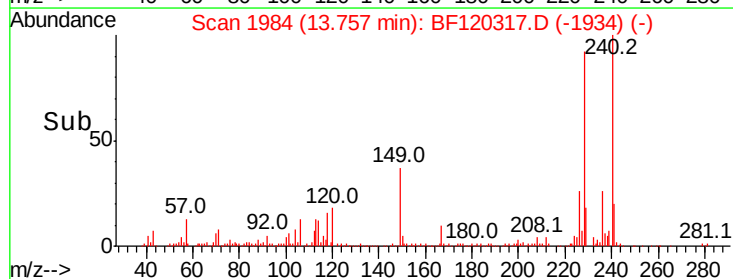
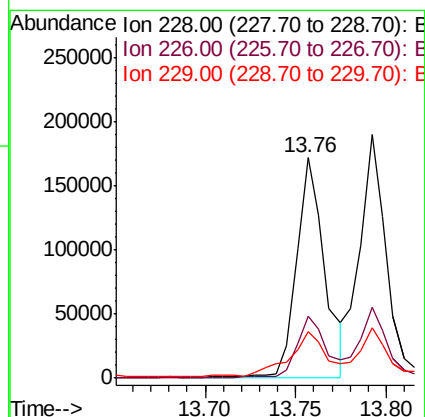
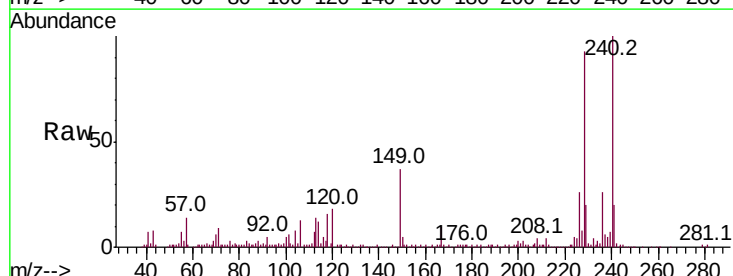
Instrument :  
BNA\_F  
ClientSampleId :  
239996

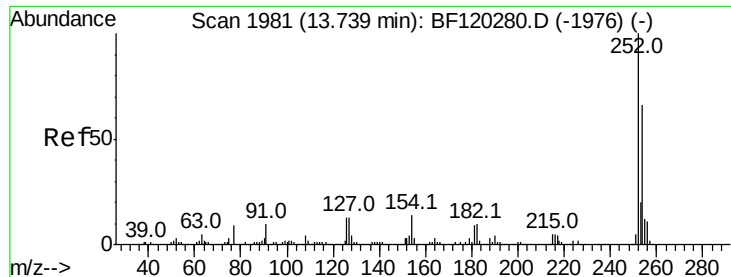
Tot Ion:149 Resp: 3171  
Ion Ratio Lower Upper  
149 100  
91 77.7 59.0 88.4  
206 18.1 16.8 25.2



#81  
Benzo(a)anthracene  
Concen: 3.810 ng  
RT: 13.76 min Scan# 1984  
Delta R.T. -0.01 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

Tgt Ion:228 Resp: 186873  
Ion Ratio Lower Upper  
228 100  
226 28.3 22.6 33.8  
229 21.1 16.4 24.6





#82

3,3'-Dichlorobenzidine

Concen: 0.052 ng

RT: 13.73 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

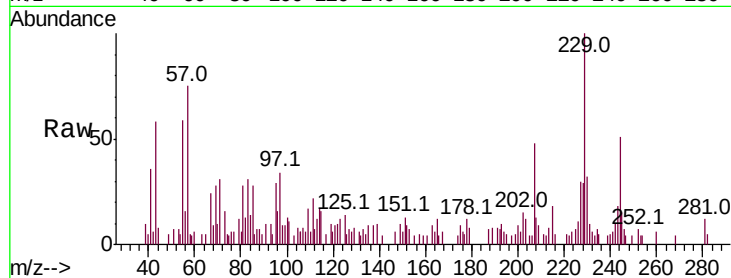
Tot Ion:252 Resp: 954

Ion Ratio Lower Upper

252 100

254 55.4 52.6 78.8

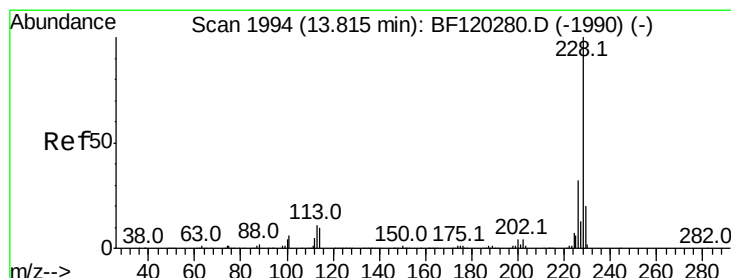
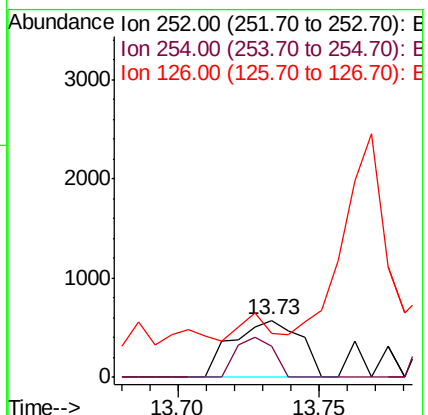
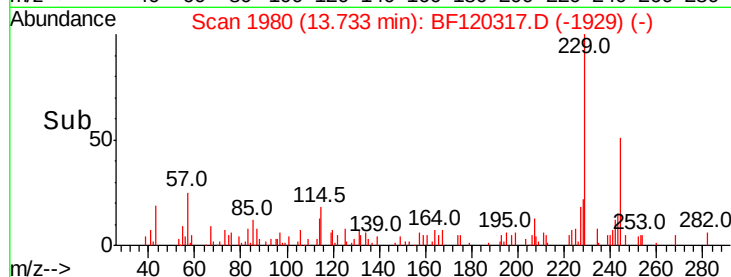
126 76.2 10.7 16.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 3.702 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

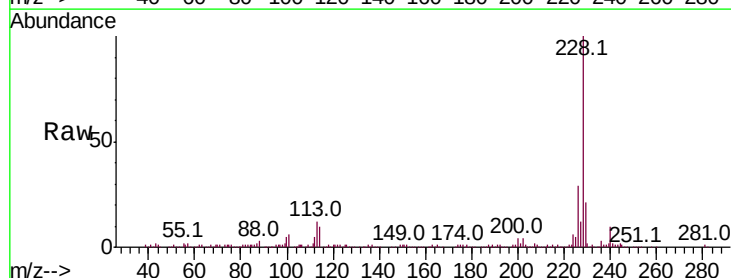
Tgt Ion:228 Resp: 195011

Ion Ratio Lower Upper

228 100

226 29.1 25.0 37.6

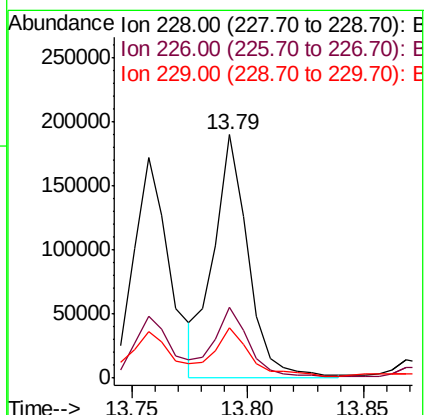
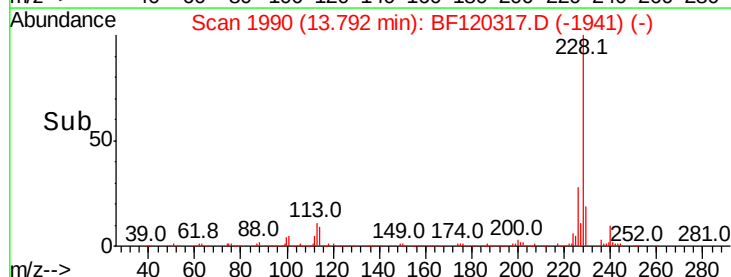
229 20.9 16.2 24.4

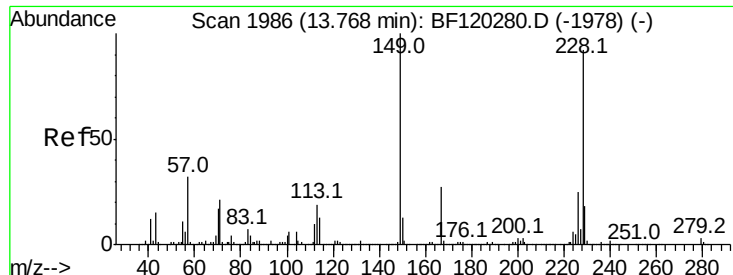


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.426 ng

RT: 13.76 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

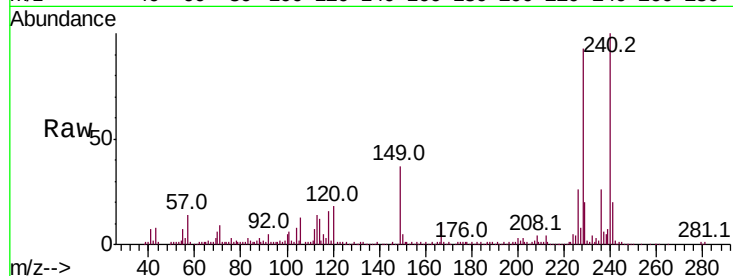
Tot Ion:149 Resp: 55398

Ion Ratio Lower Upper

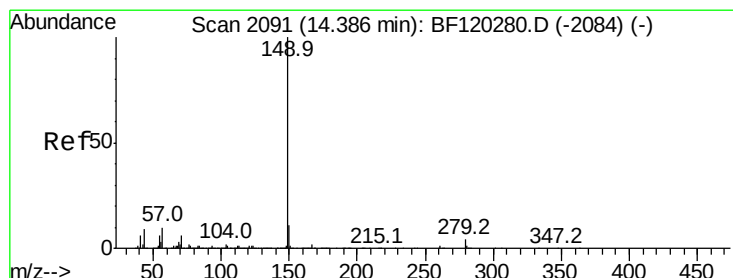
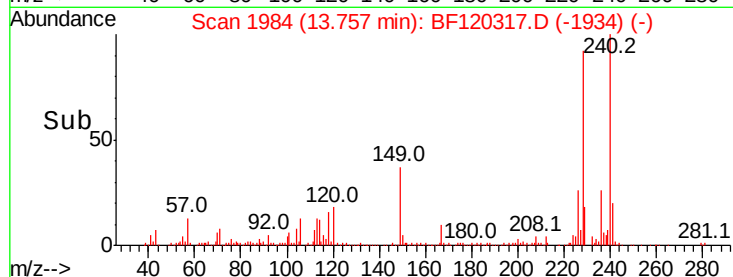
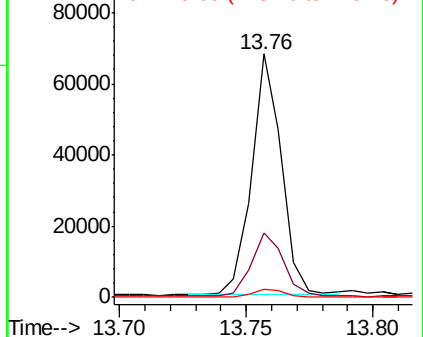
149 100

167 26.6 21.8 32.8

279 3.1 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.086 ng

RT: 14.37 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

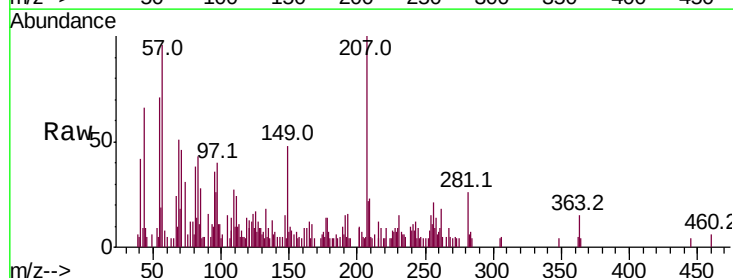
Tgt Ion:149 Resp: 6014

Ion Ratio Lower Upper

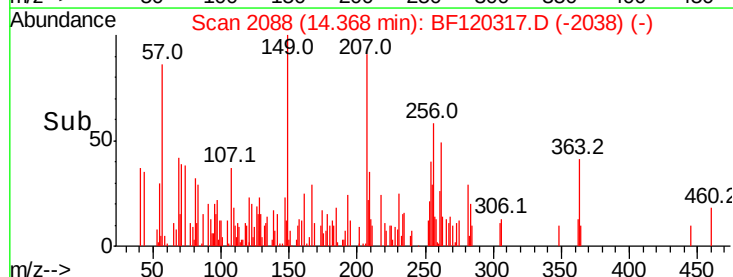
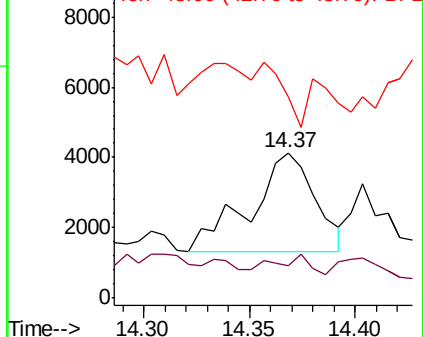
149 100

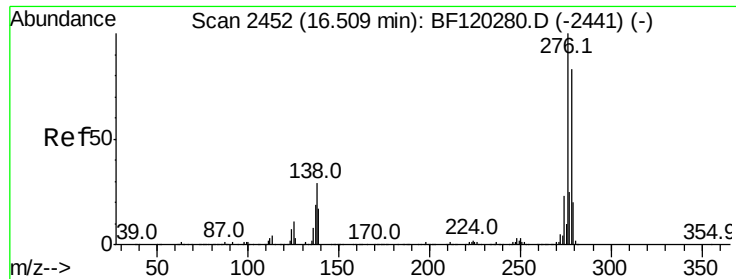
167 8.1 1.3 1.9#

43 0.0 7.5 11.3#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

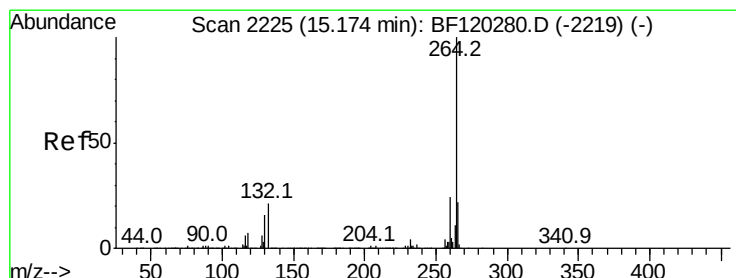
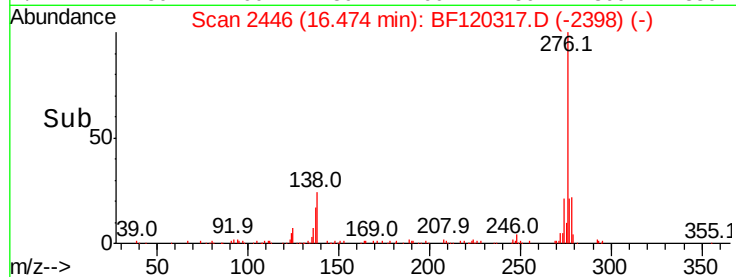
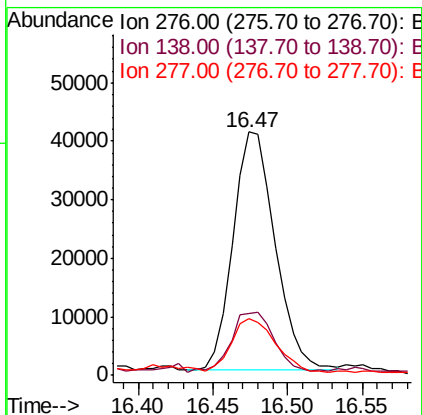
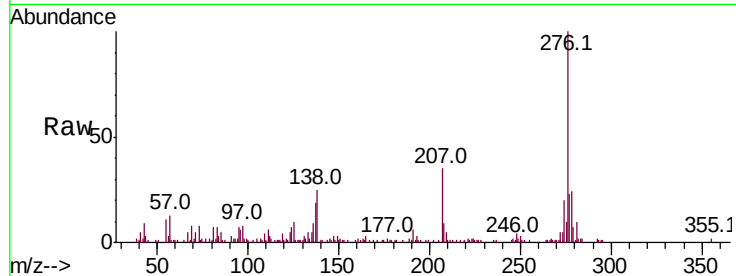




#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 1.658 ng  
 RT: 16.47 min Scan# 2446  
 Delta R.T. -0.02 min  
 Lab File: BF120317.D  
 Acq: 15 May 2020 13:12

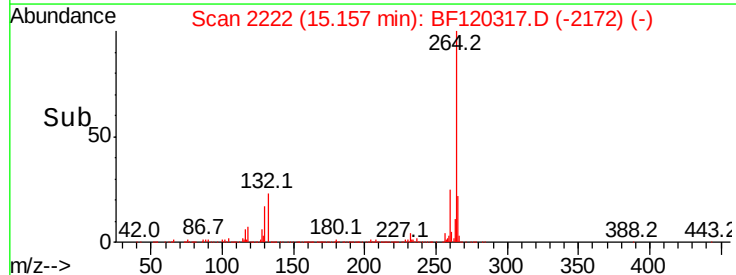
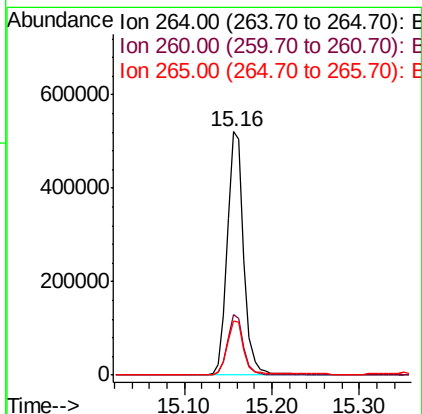
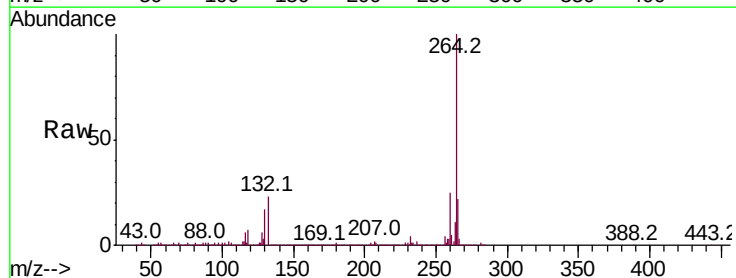
Instrument :  
 BNA\_F  
 ClientSampled :  
 239996

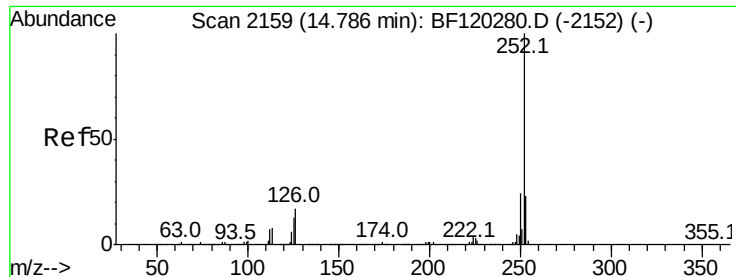
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.4  | 23.3  | 34.9  |
| 277     | 23.7  | 20.2  | 30.4  |



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.16 min Scan# 2222  
 Delta R.T. -0.01 min  
 Lab File: BF120317.D  
 Acq: 15 May 2020 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 19.0  | 28.6  |
| 265     | 22.3  | 17.5  | 26.3  |





#88

Benzo(b)fluoranthene

Concen: 6.379 ng

RT: 14.77 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

Instrument :

BNA\_F

ClientSampleId :

239996

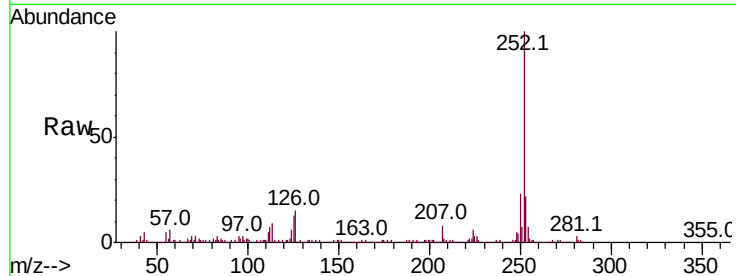
Tot Ion:252 Resp: 236554

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

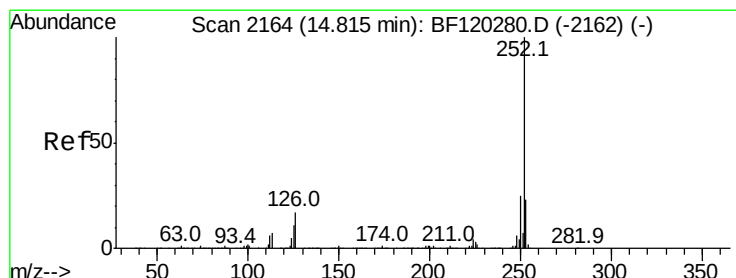
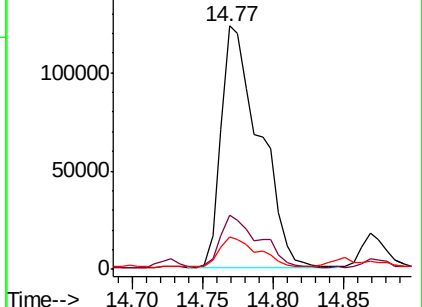
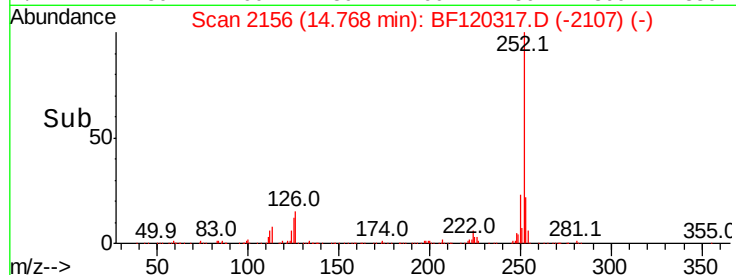
125 13.5 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 7.362 ng

RT: 14.77 min Scan# 2156

Delta R.T. -0.04 min

Lab File: BF120317.D

Acq: 15 May 2020 13:12

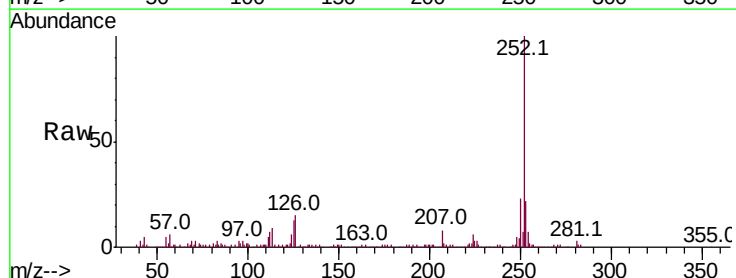
Tgt Ion:252 Resp: 236554

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

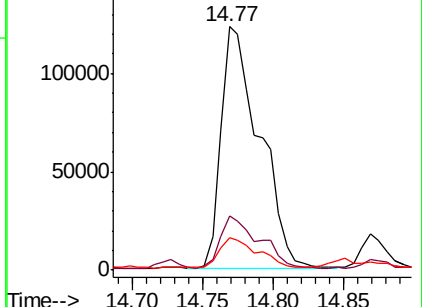
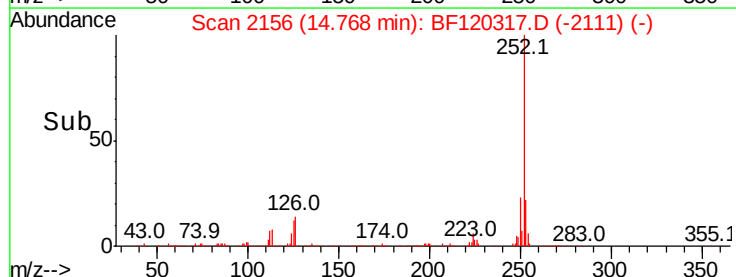
125 13.5 9.9 14.9

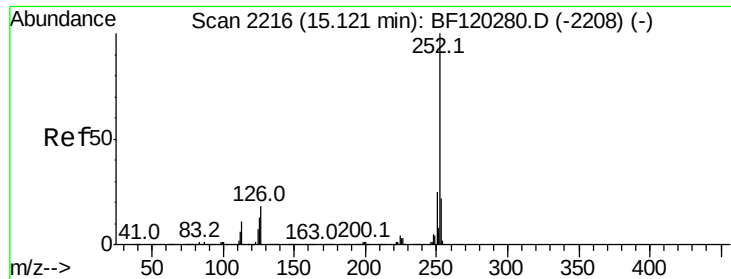


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

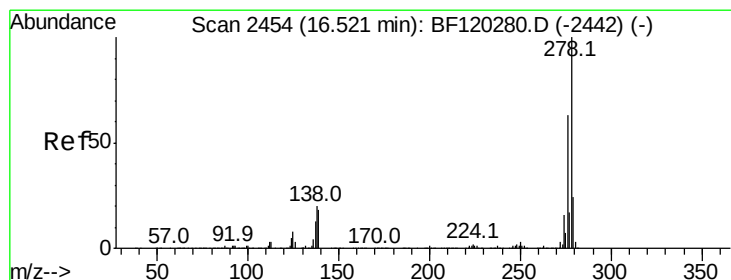
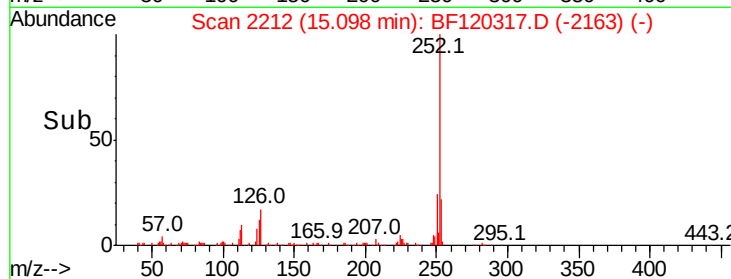
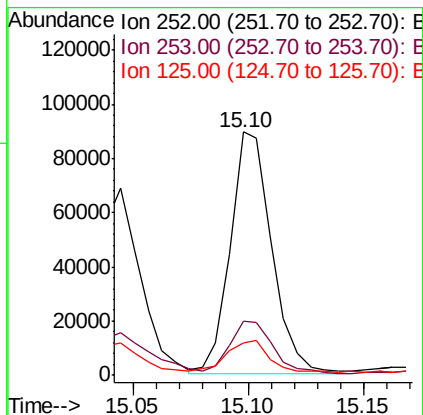
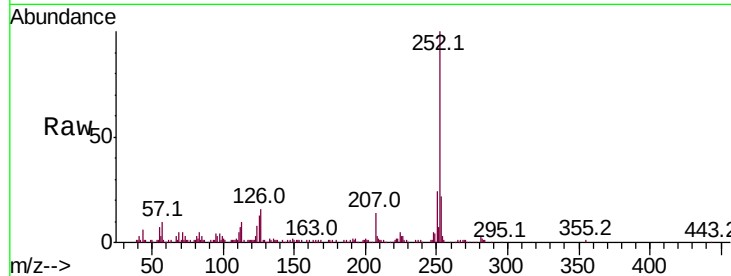




#90  
Benzo(a)pyrene  
Concen: 3.346 ng  
RT: 15.10 min Scan# 2212  
Delta R.T. -0.01 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

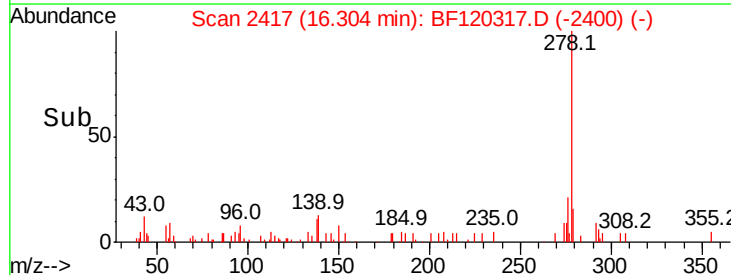
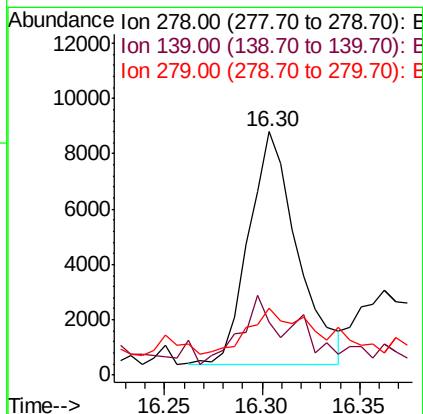
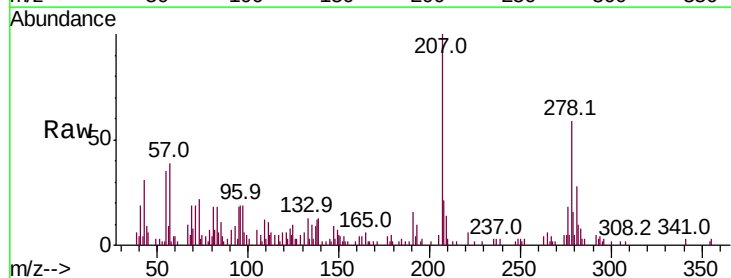
Instrument :  
BNA\_F  
ClientSampleId :  
239996

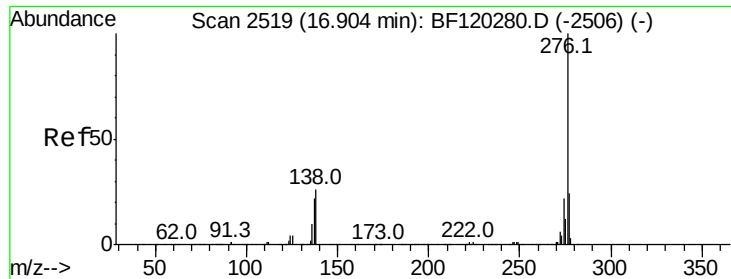
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.6  | 26.4  |
| 125     | 13.1  | 10.6  | 16.0  |



#91  
Dibenzo(a,h)anthracene  
Concen: 0.492 ng  
RT: 16.30 min Scan# 2417  
Delta R.T. -0.20 min  
Lab File: BF120317.D  
Acq: 15 May 2020 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.8  | 14.7  | 22.1  |
| 279     | 27.4  | 19.2  | 28.8  |





#92  
 Benzo(a,h,i)perylene  
 Concen: 2.817 ng  
 RT: 16.87 min Scan# 2513  
 Delta R.T. -0.02 min  
 Lab File: BF120317.D  
 Acq: 15 May 2020 13:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 239996

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.4  | 19.1  | 28.7  |
| 138     | 25.0  | 20.8  | 31.2  |

