

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\  
 Data File : BF117977.D  
 Acq On : 25 Nov 2019 20:29  
 Operator : JU  
 Sample : PB125061BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 26 03:52:09 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 18:36:07 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89  | 152  | 174064   | 20.00 | ng    | -0.04    |
| 21) Naphthalene-d8        | 8.18  | 136  | 763312   | 20.00 | ng    | -0.04    |
| 39) Acenaphthene-d10      | 9.95  | 164  | 430463   | 20.00 | ng    | -0.03    |
| 64) Phenanthrene-d10      | 11.43 | 188  | 805261   | 20.00 | ng    | -0.04    |
| 76) Chrysene-d12          | 14.09 | 240  | 576092   | 20.00 | ng    | -0.03    |
| 87) Perylene-d12          | 15.58 | 264  | 409734   | 20.00 | ng    | -0.04    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.52  | 112  | 1224890  | 124.56 | ng    | -0.01    |
| 7) Phenol-d6                | 6.53  | 99   | 1535808  | 129.49 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.46  | 82   | 826498   | 64.37  | ng    | -0.04    |
| 42) 2,4,6-Tribromophenol    | 10.74 | 330  | 581369   | 127.57 | ng    | -0.03    |
| 45) 2-Fluorobiphenyl        | 9.26  | 172  | 1712901  | 71.39  | ng    | -0.03    |
| 79) Terphenyl-d14           | 13.03 | 244  | 1991865  | 63.19  | ng    | -0.03    |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.78 | 88   | 133323   | 29.005 | ng    | 96     |
| 3) Pyridine                    | 3.52 | 79   | 329911   | 27.361 | ng    | 97     |
| 4) n-Nitrosodimethylamine      | 3.47 | 42   | 202752   | 38.521 | ng    | 99     |
| 6) Aniline                     | 6.56 | 93   | 494821   | 31.570 | ng    | 98     |
| 8) 2-Chlorophenol              | 6.68 | 128  | 517242   | 48.475 | ng    | 99     |
| 9) Benzaldehyde                | 6.44 | 77   | 112498   | 10.683 | ng    | 98     |
| 10) Phenol                     | 6.54 | 94   | 603486   | 48.964 | ng    | 93     |
| 11) bis(2-Chloroethyl)ether    | 6.63 | 93   | 446872   | 45.150 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 6.83 | 146  | 507082   | 40.366 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 6.91 | 146  | 526489   | 41.463 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 7.06 | 146  | 506644   | 41.720 | ng    | 100    |
| 15) Benzyl Alcohol             | 7.03 | 79   | 456946   | 49.901 | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.16 | 45   | 562119   | 36.888 | ng    | 96     |
| 17) 2-Methylphenol             | 7.15 | 107  | 431825   | 47.789 | ng    | 98     |
| 18) Hexachloroethane           | 7.40 | 117  | 195196   | 41.846 | ng    | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.31 | 70   | 344854   | 47.129 | ng    | 97     |
| 20) 3+4-Methylphenols          | 7.30 | 107  | 528649   | 47.130 | ng    | # 79   |
| 22) Acetophenone               | 7.30 | 105  | 697105   | 40.649 | ng    | 98     |
| 24) Nitrobenzene               | 7.47 | 77   | 536311   | 40.487 | ng    | 98     |
| 25) Isophorone                 | 7.72 | 82   | 988490   | 42.002 | ng    | 98     |
| 26) 2-Nitrophenol              | 7.79 | 139  | 292917   | 45.431 | ng    | 92     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122  | 496179   | 49.525 | ng    | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93   | 591541   | 39.609 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 8.03 | 162  | 459557   | 42.288 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180  | 484936   | 38.470 | ng    | 98     |
| 31) Naphthalene                | 8.20 | 128  | 1518785  | 42.681 | ng    | 98     |
| 32) Benzoic acid               | 7.97 | 122  | 339606   | 40.484 | ng    | 99     |
| 33) 4-Chloroaniline            | 8.25 | 127  | 429547   | 26.964 | ng    | 98     |
| 34) Hexachlorobutadiene        | 8.32 | 225  | 283377   | 38.450 | ng    | 99     |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107  | 498299   | 45.181 | ng    | 93     |
| 37) 2-Methylnaphthalene        | 8.90 | 142  | 1064655  | 44.280 | ng    | 100    |
| 38) 1-Methylnaphthalene        | 9.00 | 142  | 1001192  | 44.046 | ng    | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216  | 463152   | 37.049 | ng    | 99     |
| 41) Hexachlorocyclopentadiene  | 9.05 | 237  | 446290   | 63.705 | ng    | 99     |

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,6-Trichlorophenol      | 9.17  | 196  | 351475   | 39.253 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.22  | 196  | 370452   | 39.848 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.36  | 154  | 1277906  | 40.014 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.39  | 162  | 994639   | 37.858 | ng    | 96       |
| 48) 2-Nitroaniline             | 9.49  | 65   | 307014   | 38.707 | ng    | 89       |
| 49) Acenaphthylene             | 9.81  | 152  | 1580699  | 41.267 | ng    | 98       |
| 50) Dimethylphthalate          | 9.67  | 163  | 1224887  | 40.578 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.73  | 165  | 274738   | 41.644 | ng    | 97       |
| 52) Acenaphthene               | 9.98  | 154  | 963951   | 39.285 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.90  | 138  | 226307   | 28.668 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 10.01 | 184  | 298190   | 87.248 | ng    | 94       |
| 55) Dibenzofuran               | 10.15 | 168  | 1388898  | 40.876 | ng    | 98       |
| 56) 4-Nitrophenol              | 10.07 | 139  | 492994   | 83.666 | ng    | 90       |
| 57) 2,4-Dinitrotoluene         | 10.13 | 165  | 370267   | 44.121 | ng    | 95       |
| 58) Fluorene                   | 10.50 | 166  | 1079451  | 40.996 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.27 | 232  | 309762   | 40.552 | ng    | 95       |
| 60) Diethylphthalate           | 10.37 | 149  | 1240650  | 42.157 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.49 | 204  | 541693   | 40.538 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.52 | 138  | 294680   | 37.282 | ng    | 96       |
| 63) Azobenzene                 | 10.65 | 77   | 1093568  | 40.845 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.55 | 198  | 201693   | 53.653 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.61 | 169  | 987692   | 42.145 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.98 | 248  | 352892   | 40.615 | ng    | 98       |
| 68) Hexachlorobenzene          | 11.05 | 284  | 403547   | 39.831 | ng    | 99       |
| 69) Atrazine                   | 11.14 | 200  | 338951   | 43.967 | ng    | 97       |
| 70) Pentachlorophenol          | 11.24 | 266  | 473332   | 79.967 | ng    | 99       |
| 71) Phenanthrene               | 11.46 | 178  | 1652237  | 40.810 | ng    | 99       |
| 72) Anthracene                 | 11.52 | 178  | 1677684  | 41.795 | ng    | 100      |
| 73) Carbazole                  | 11.67 | 167  | 1498980  | 42.734 | ng    | 99       |
| 74) Di-n-butylphthalate        | 12.00 | 149  | 1919884  | 43.959 | ng    | 99       |
| 75) Fluoranthene               | 12.66 | 202  | 1709758  | 46.652 | ng    | 100      |
| 77) Benzidine                  | 12.77 | 184  | 319913   | 16.953 | ng    | 99       |
| 78) Pyrene                     | 12.89 | 202  | 1713238  | 36.799 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.50 | 149  | 816701   | 40.843 | ng    | 94       |
| 81) Benzo(a)anthracene         | 14.07 | 228  | 1496083  | 39.299 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.04 | 252  | 490215   | 36.813 | ng    | 97       |
| 83) Chrysene                   | 14.12 | 228  | 1427729  | 38.703 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.06 | 149  | 1136564  | 46.883 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 14.67 | 149  | 1836788  | 51.574 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.10 | 276  | 1118334  | 35.620 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.14 | 252  | 1403067  | 52.706 | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 15.17 | 252  | 1216235  | 48.489 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.52 | 252  | 1122941  | 47.971 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.12 | 278  | 962977   | 47.795 | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 17.57 | 276  | 905501   | 45.121 | ng    | 99       |

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



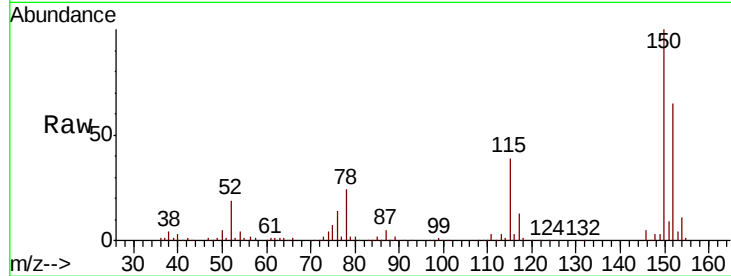


#1

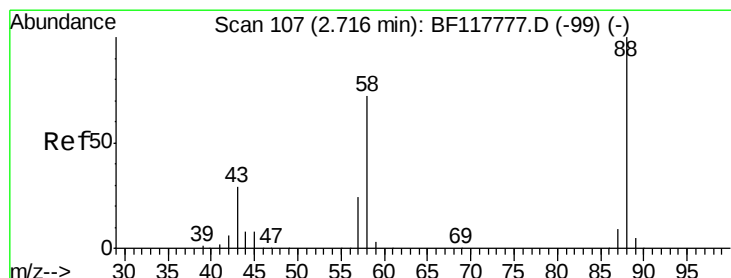
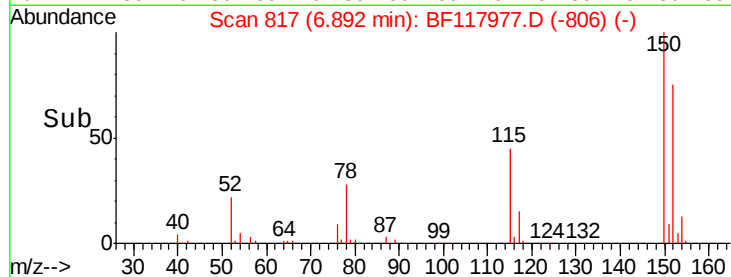
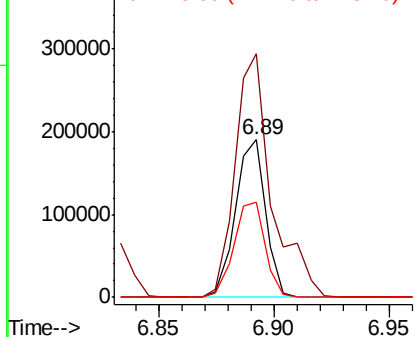
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 817  
Delta R.T. -0.04 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 174064  
Ion Ratio Lower Upper  
152 100  
150 154.7 125.3 187.9  
115 60.4 47.0 70.4



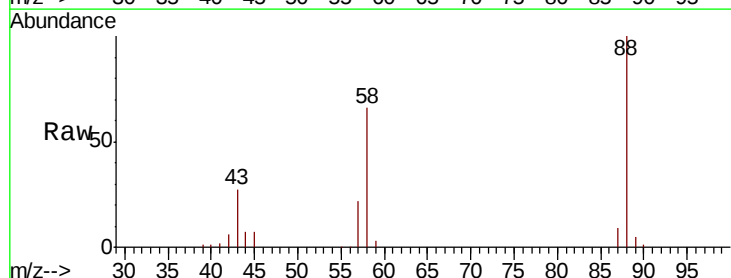
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



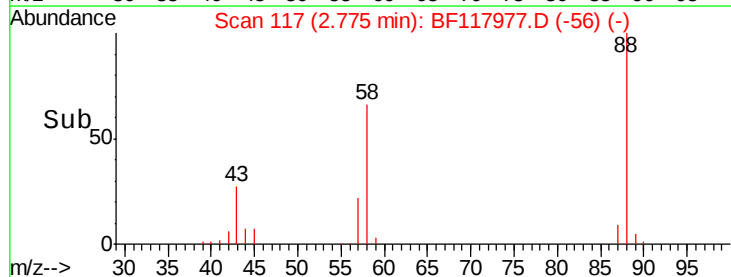
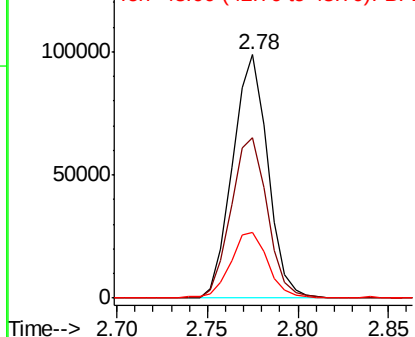
#2

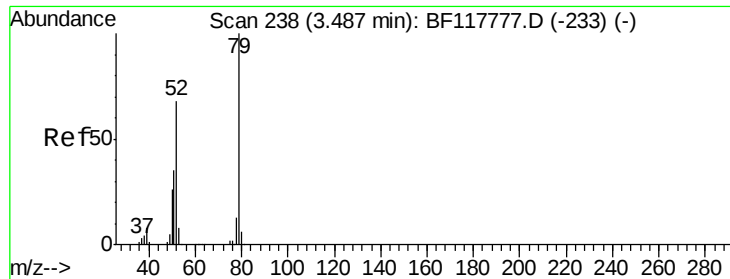
1,4-Dioxane  
Concen: 29.005 ng  
RT: 2.78 min Scan# 117  
Delta R.T. 0.06 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Tgt Ion: 88 Resp: 133323  
Ion Ratio Lower Upper  
88 100  
58 68.1 58.2 87.2  
43 29.0 23.3 34.9



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





#3

Pvridine

Concen: 27.361 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.04 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampled :

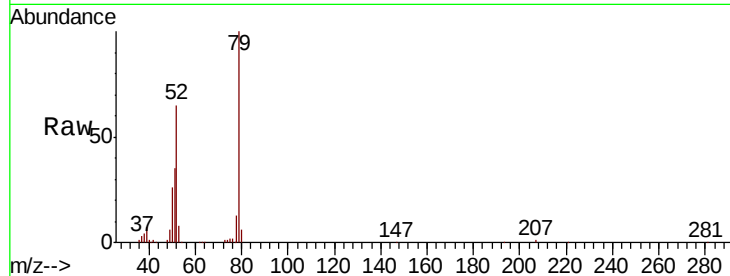
Tot Ion: 79 Resp: 329911

Ion Ratio Lower Upper

79 100

52 65.4 54.8 82.2

51 34.6 28.2 42.4



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

150000

100000

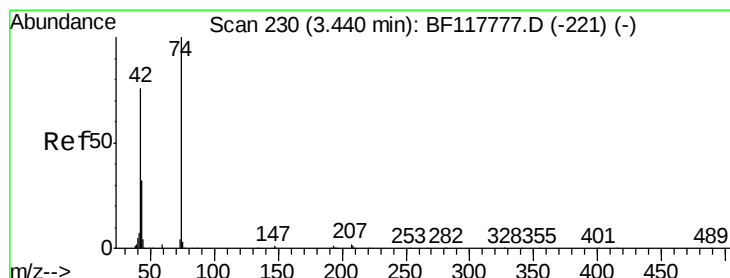
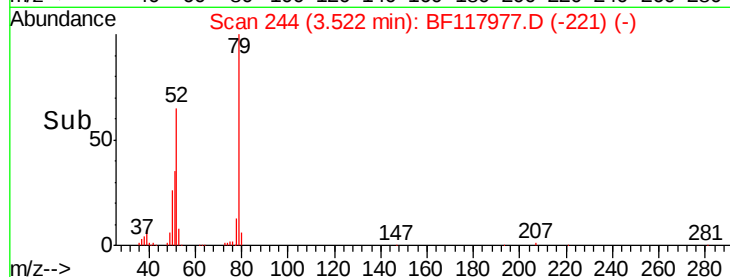
50000

0

3.52

3.40 3.60 3.80

Time-->



#4

n-Nitrosodimethylamine

Concen: 38.521 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.04 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

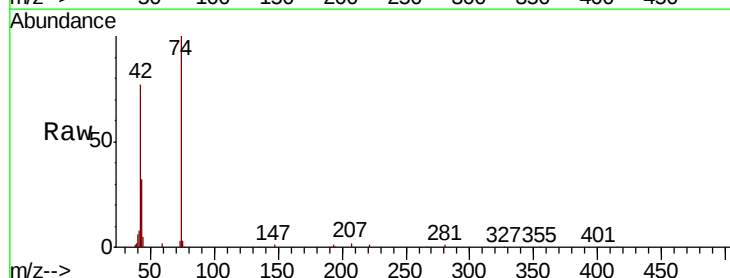
Tgt Ion: 42 Resp: 202752

Ion Ratio Lower Upper

42 100

74 130.3 105.1 157.7

44 6.1 4.6 7.0



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

150000

100000

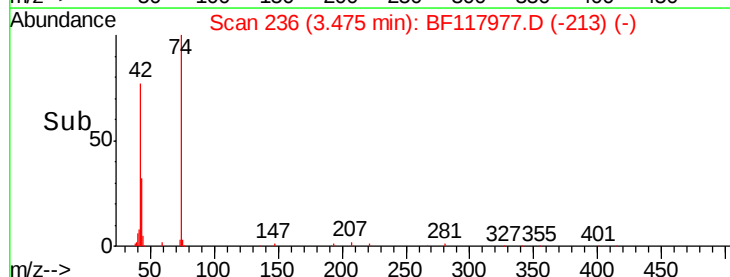
50000

0

3.47

3.40 3.50 3.60

Time-->





#5

2-Fluorophenol

Concen: 124.563 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :  
BNA\_F  
ClientSampleId :

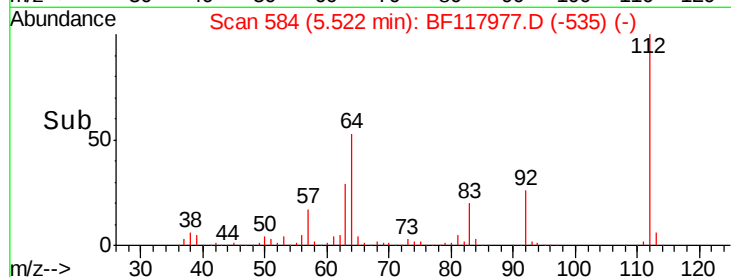
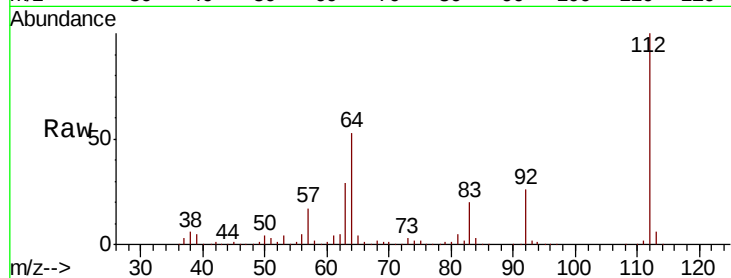
Tot Ion:112 Resp: 1224890

Ion Ratio Lower Upper

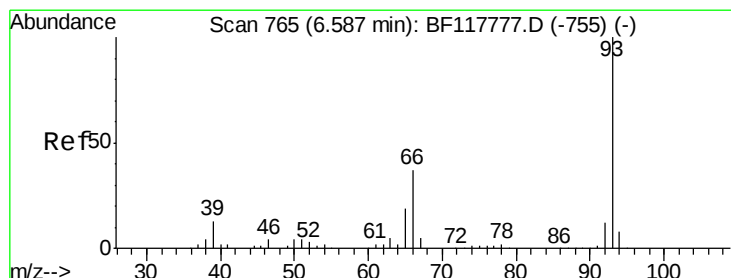
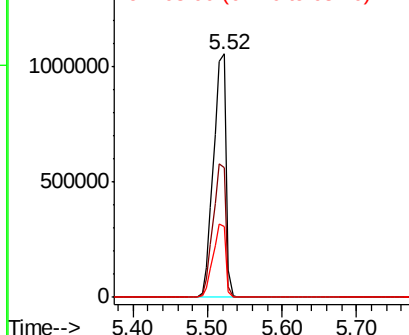
112 100

64 53.2 45.6 68.4

63 29.2 24.1 36.1



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



#6

Aniline

Concen: 31.570 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

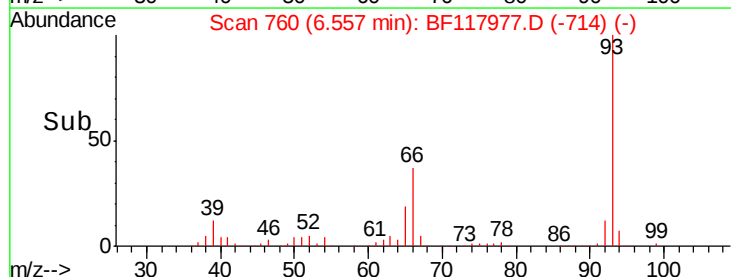
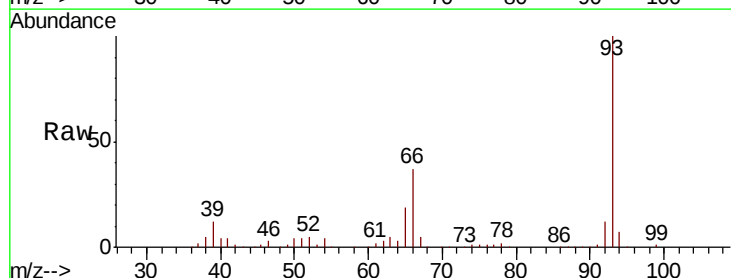
Tgt Ion: 93 Resp: 494821

Ion Ratio Lower Upper

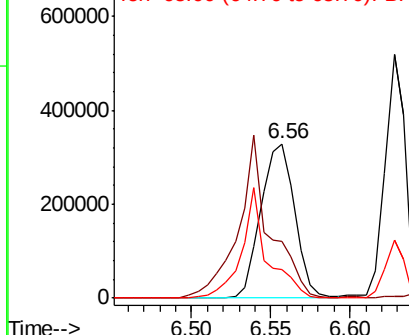
93 100

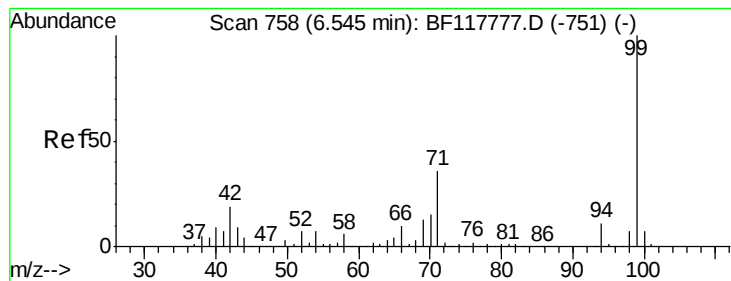
66 37.1 30.6 45.8

65 18.9 15.6 23.4



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: 129.486 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampled :

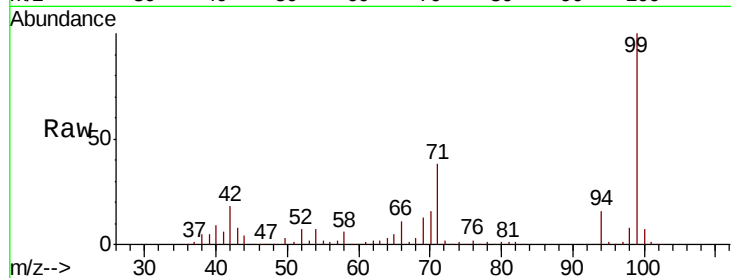
Tot Ion: 99 Resp: 1535808

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.1  | 14.9  | 22.3  |
| 71  | 37.9  | 28.6  | 43.0  |

99 100

42 18.1 14.9 22.3

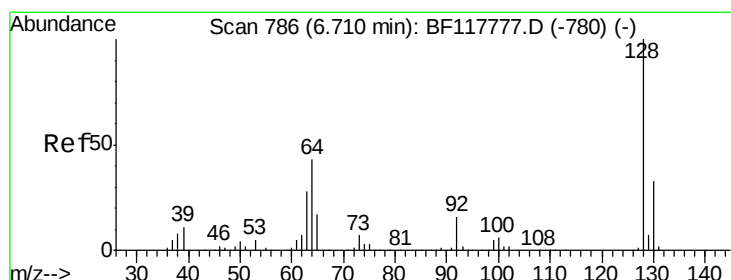
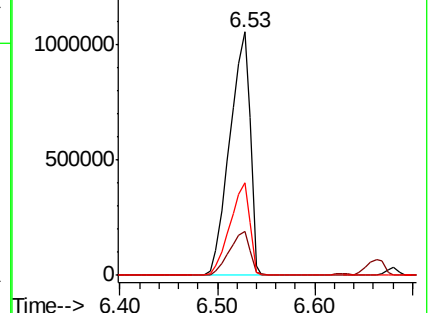
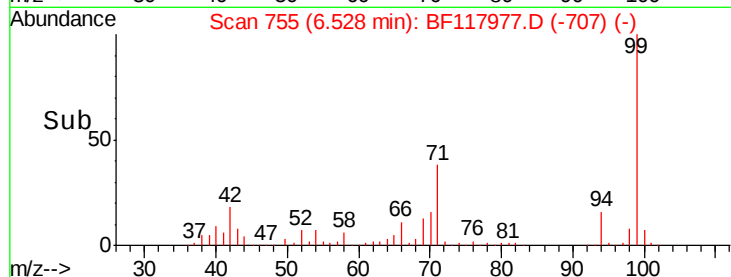
71 37.9 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.475 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

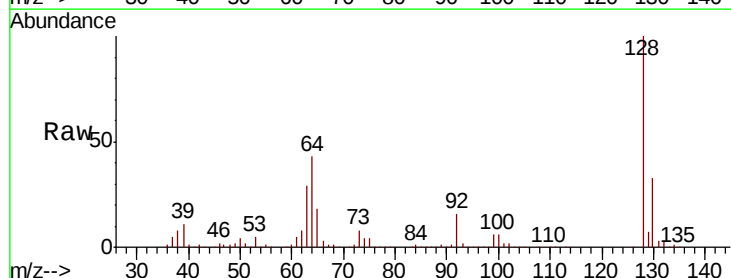
Tgt Ion:128 Resp: 517242

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.6  | 13.2  | 53.2  |
| 64  | 42.7  | 23.7  | 63.7  |

128 100

130 32.6 13.2 53.2

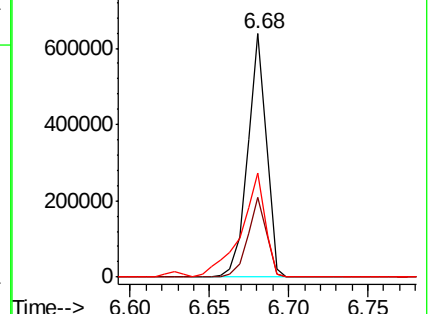
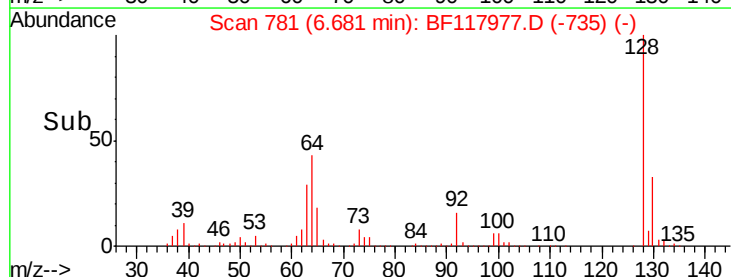
64 42.7 23.7 63.7

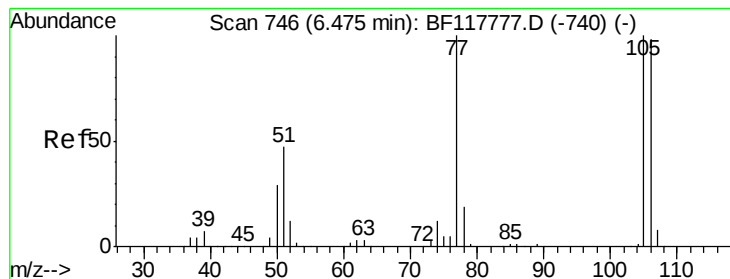


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 10.683 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

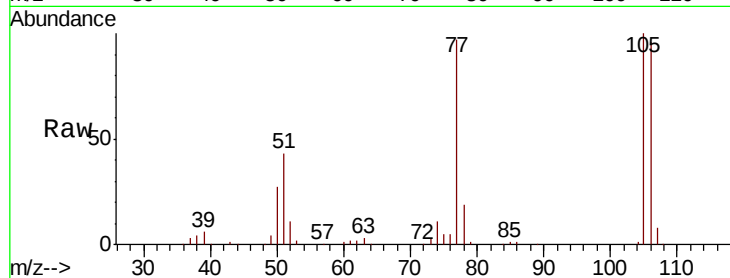
Tot Ion: 77 Resp: 112498

Ion Ratio Lower Upper

77 100

105 103.2 80.2 120.2

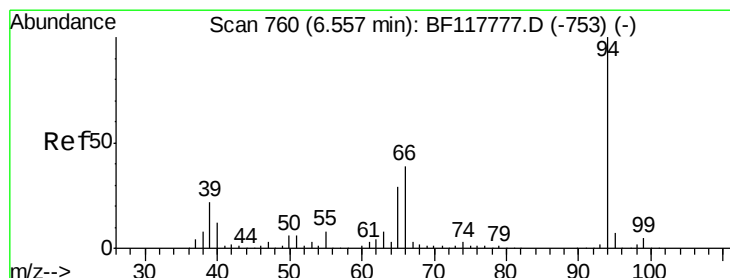
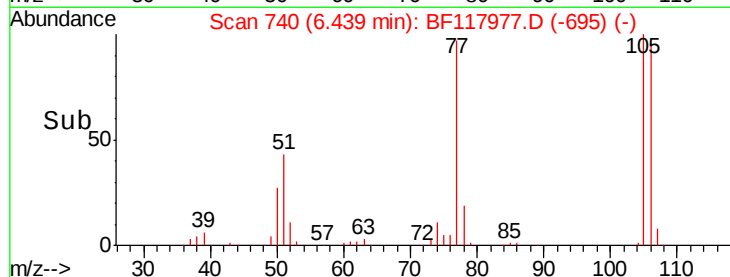
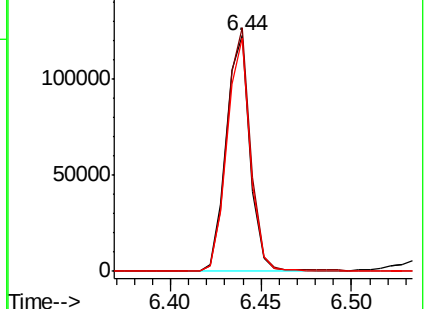
106 98.7 78.4 118.4



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: 48.964 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

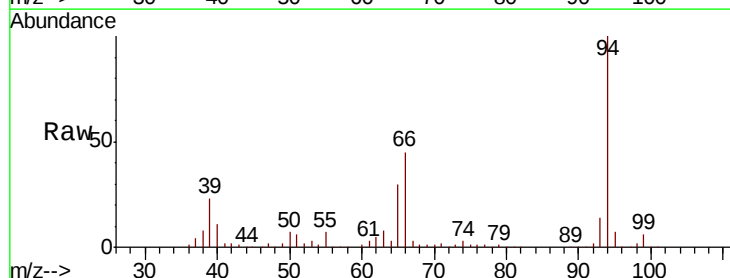
Tgt Ion: 94 Resp: 603486

Ion Ratio Lower Upper

94 100

65 30.5 8.9 48.9

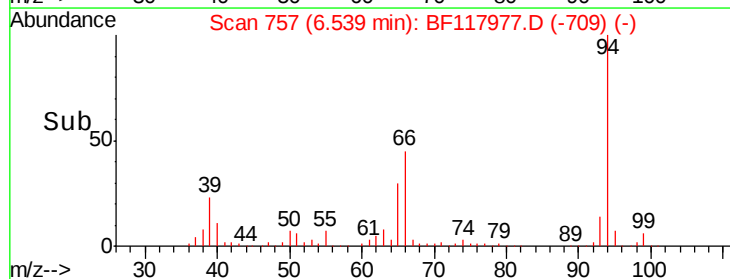
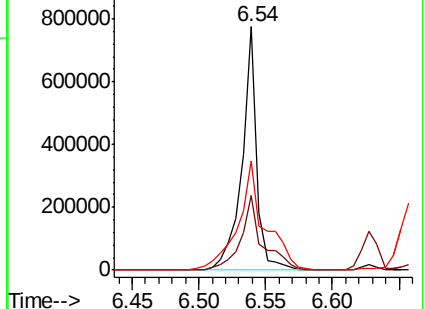
66 44.8 18.7 58.7

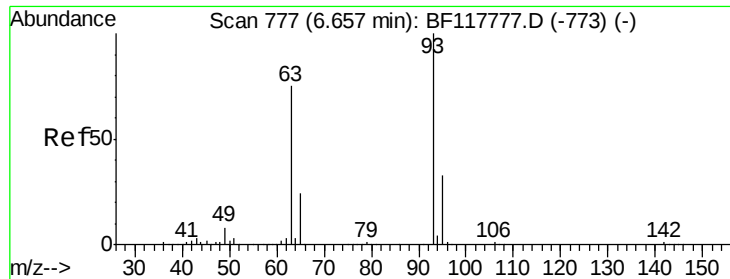


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

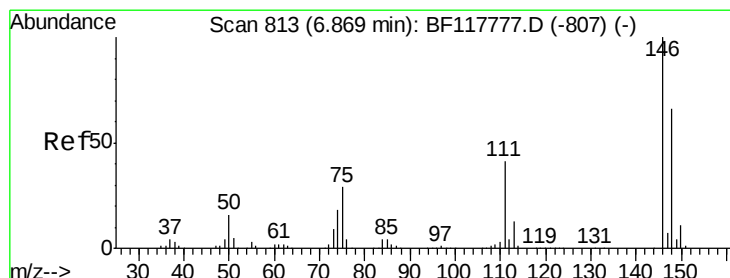
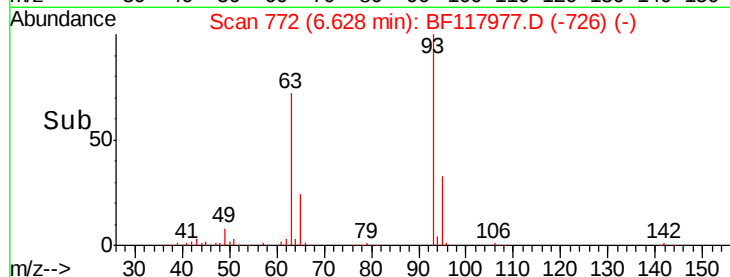
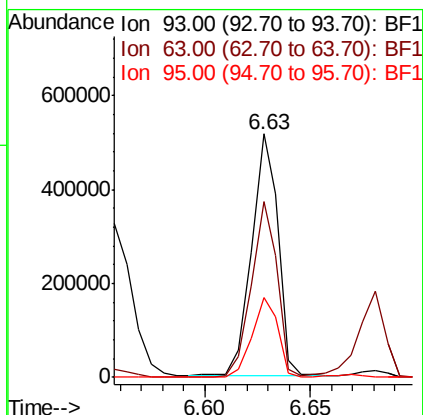
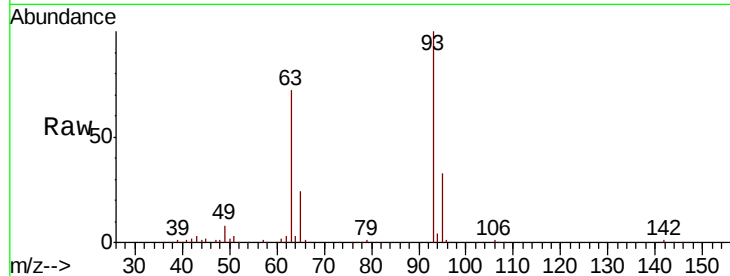




#11  
bis(2-Chloroethyl)ether  
Concen: 45.150 ng  
RT: 6.63 min Scan# 772  
Delta R.T. -0.03 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

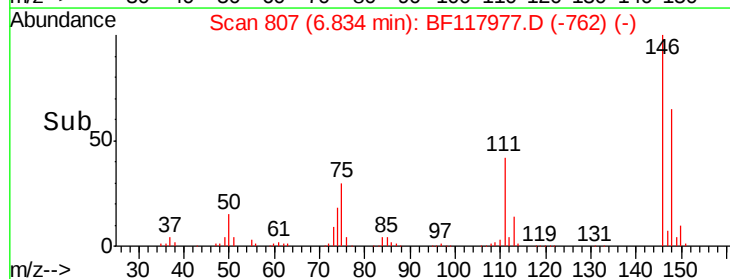
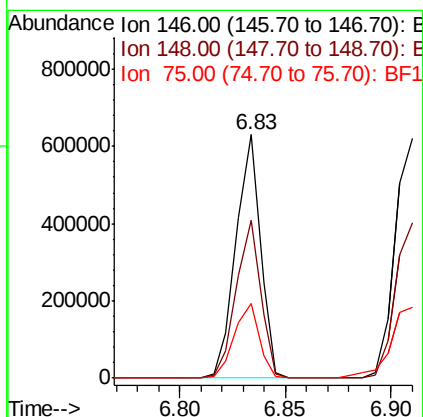
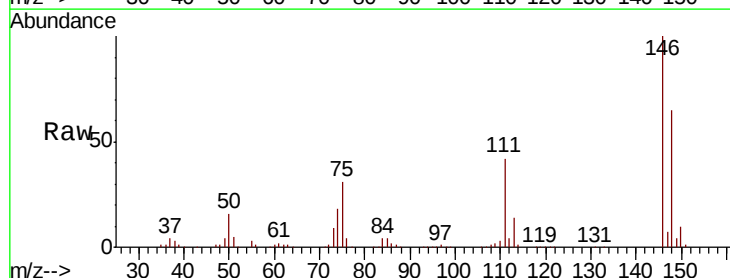
Instrument :  
BNA\_F  
ClientSampleId :

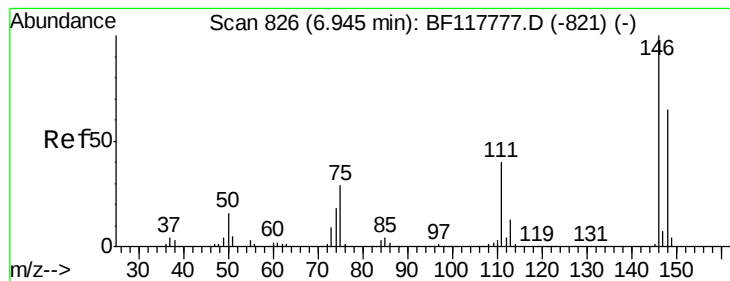
Tot Ion: 93 Resp: 446872  
Ion Ratio Lower Upper  
93 100  
63 72.2 54.8 94.8  
95 32.9 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 40.366 ng  
RT: 6.83 min Scan# 807  
Delta R.T. -0.04 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Tgt Ion: 146 Resp: 507082  
Ion Ratio Lower Upper  
146 100  
148 64.7 52.8 79.2  
75 30.5 23.4 35.0





#13

1,4-Dichlorobenzene

Concen: 41.463 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.04 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

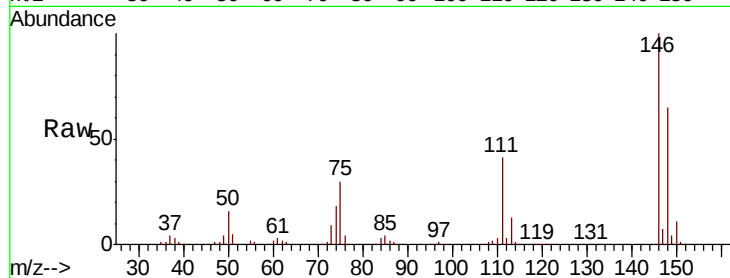
Tot Ion:146 Resp: 526489

Ion Ratio Lower Upper

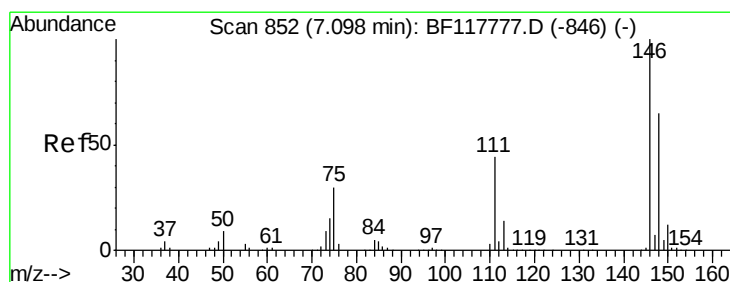
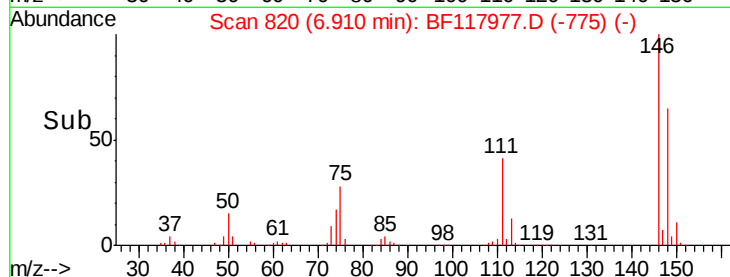
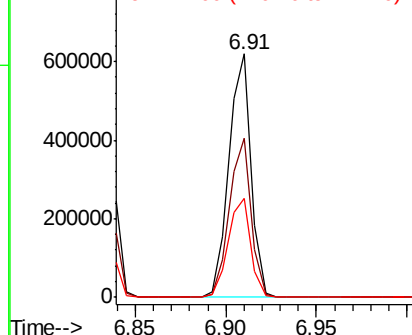
146 100

148 65.1 52.3 78.5

111 40.8 32.2 48.4



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: 41.720 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.04 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

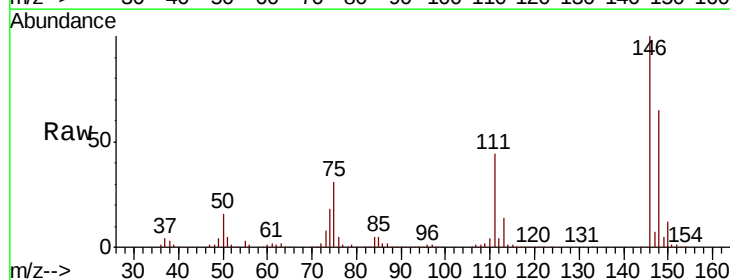
Tgt Ion:146 Resp: 506644

Ion Ratio Lower Upper

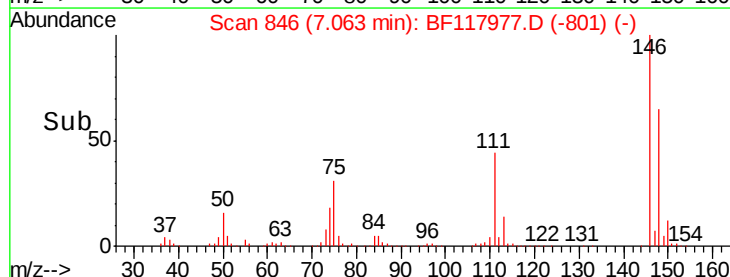
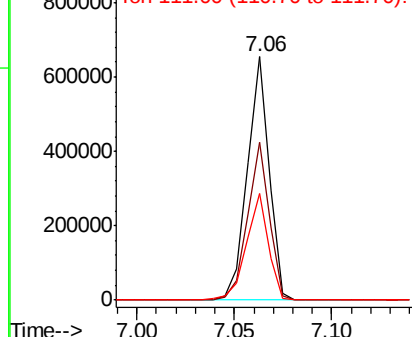
146 100

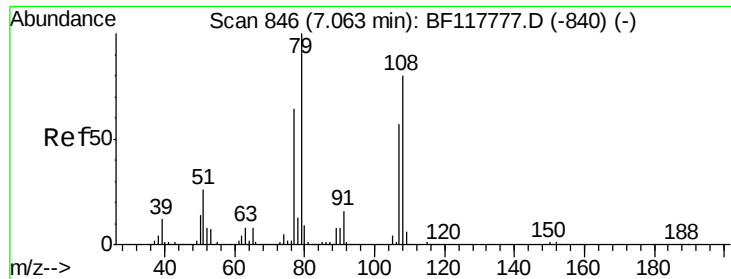
148 64.6 51.8 77.8

111 43.6 35.0 52.6



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: 49.901 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

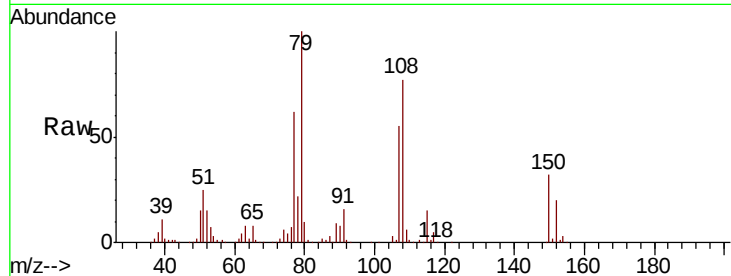
Tot Ion: 79 Resp: 456946

Ion Ratio Lower Upper

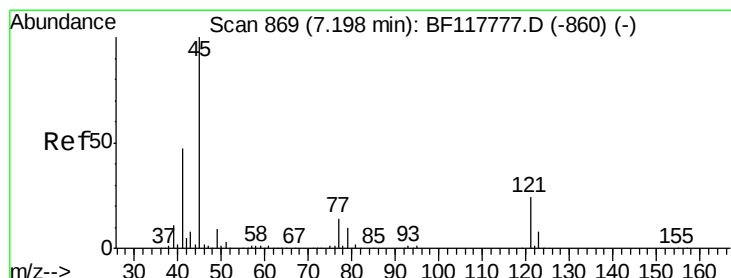
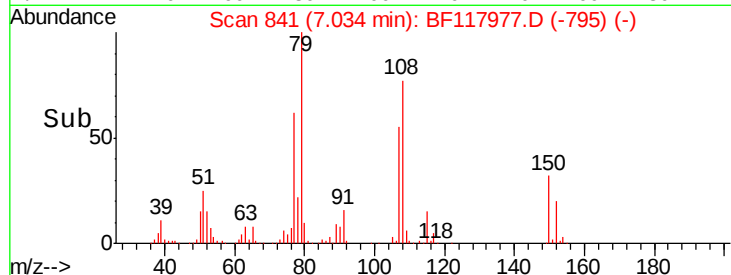
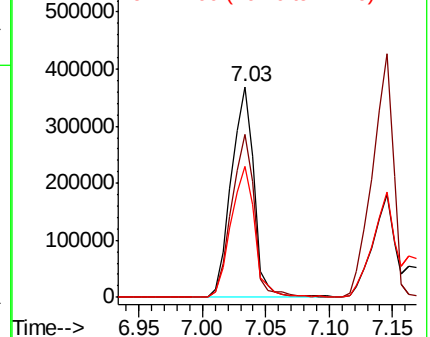
79 100

108 77.1 64.1 96.1

77 61.9 51.3 76.9



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.888 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.04 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

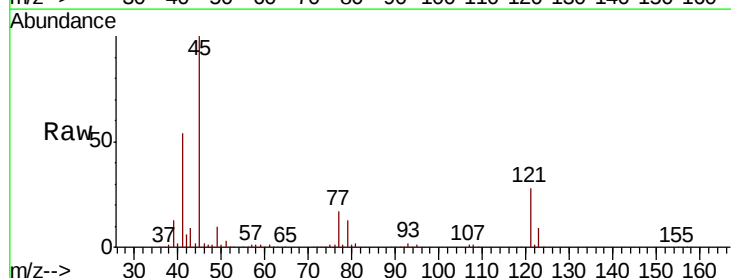
Tgt Ion: 45 Resp: 562119

Ion Ratio Lower Upper

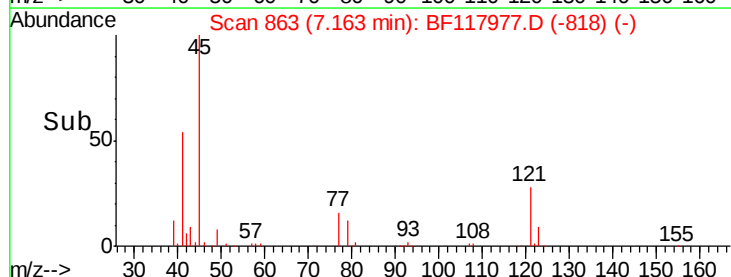
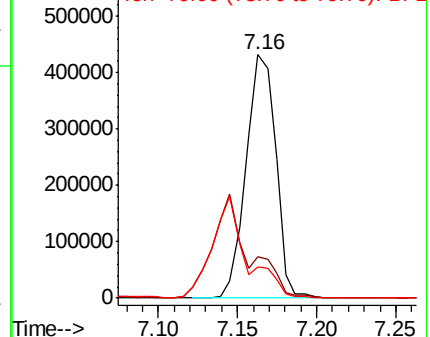
45 100

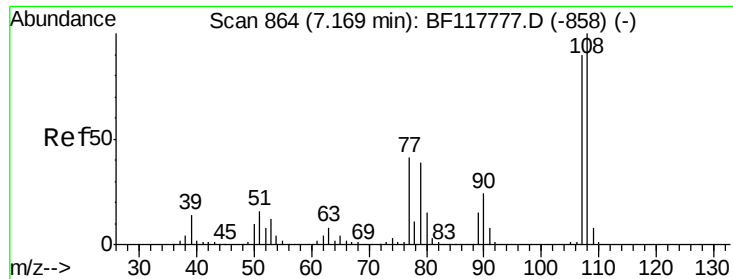
77 16.9 0.0 35.0

79 12.7 0.0 31.1



Abundance Ion 45.00 (44.70 to 45.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

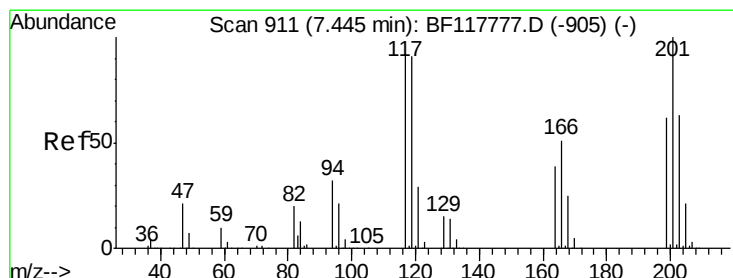
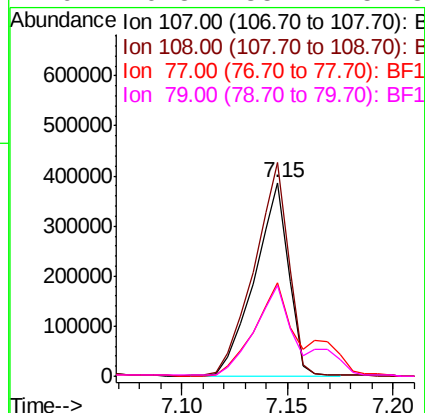
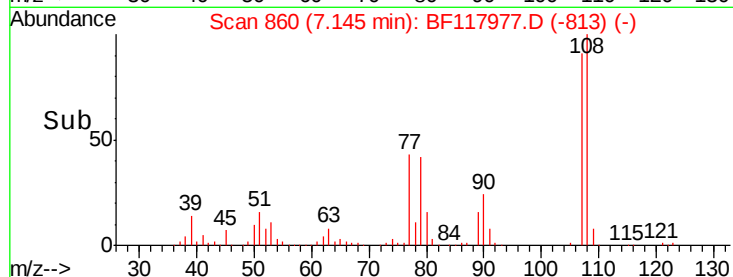
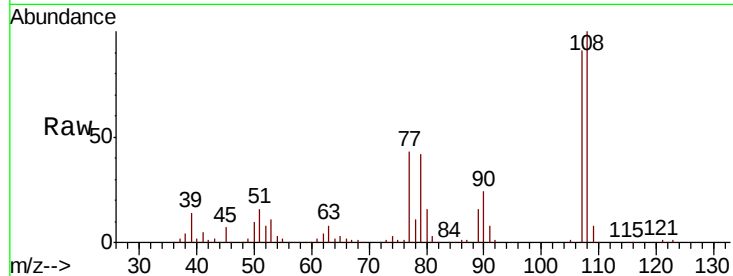




#17  
2-Methylphenol  
Concen: 47.789 ng  
RT: 7.15 min Scan# 860  
Delta R.T. -0.02 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

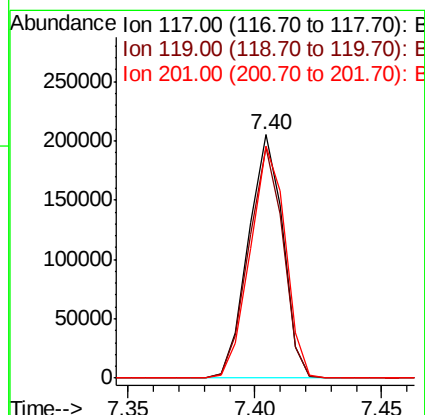
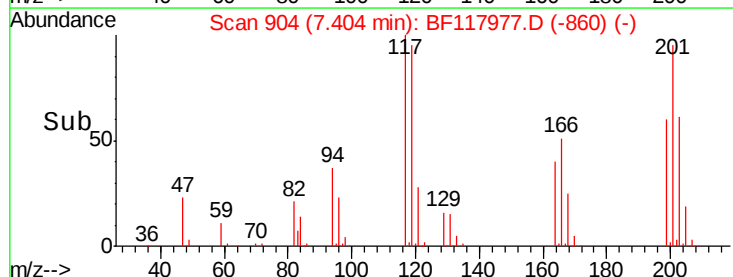
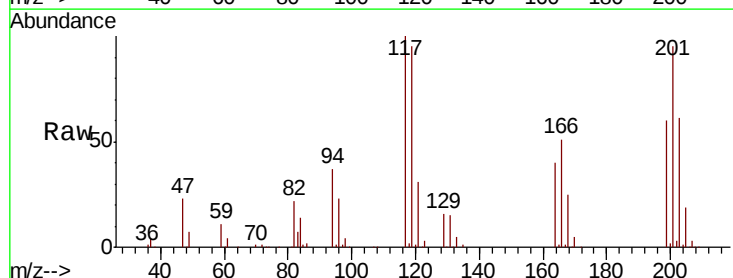
Instrument :  
BNA\_F  
ClientSampleId :

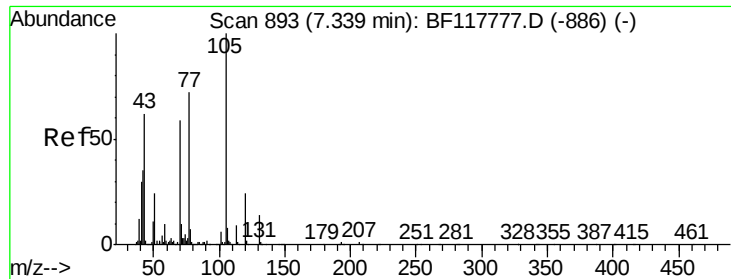
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 110.5 | 89.1  | 133.7 |
| 77      | 48.0  | 36.6  | 54.8  |
| 79      | 46.8  | 35.2  | 52.8  |



#18  
Hexachloroethane  
Concen: 41.846 ng  
RT: 7.40 min Scan# 904  
Delta R.T. -0.04 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.7  | 78.7  | 118.1 |
| 201     | 95.5  | 86.5  | 129.7 |

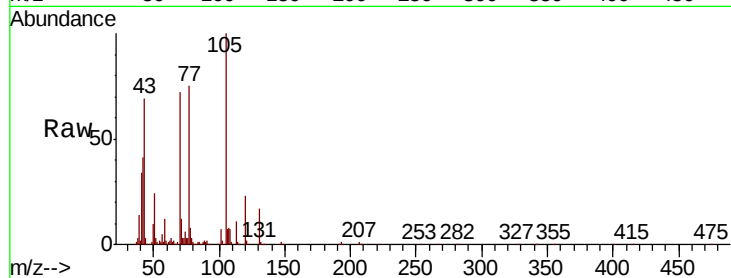




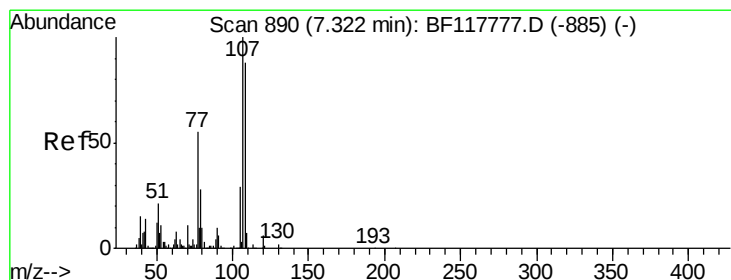
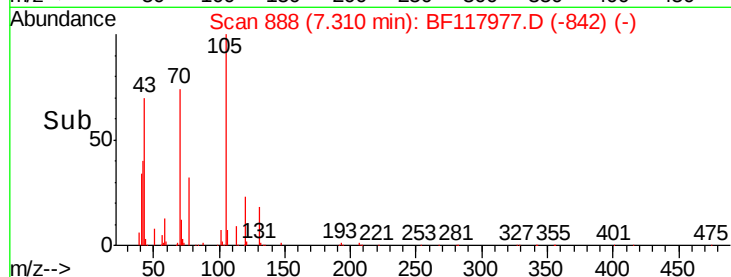
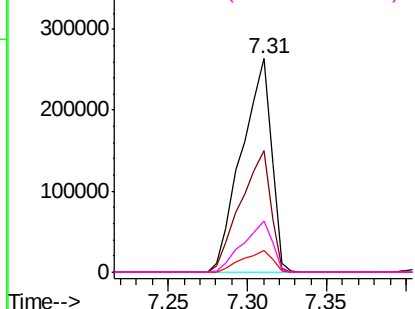
#19  
n-Nitroso-di-n-propylamine  
Concen: 47.129 ng  
RT: 7.31 min Scan# 888  
Delta R.T. -0.03 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 344854 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 56.7  | 47.4  | 71.2   |
| 101      | 10.1  | 8.4   | 12.6   |
| 130      | 24.2  | 18.8  | 28.2   |

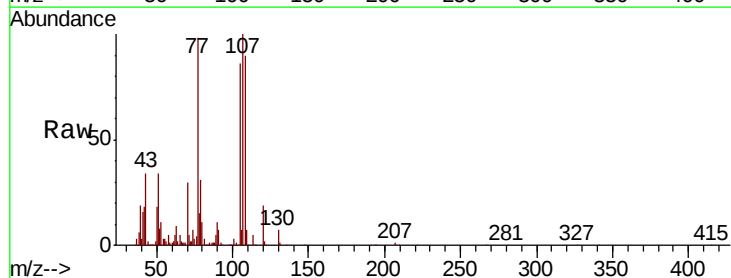


Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

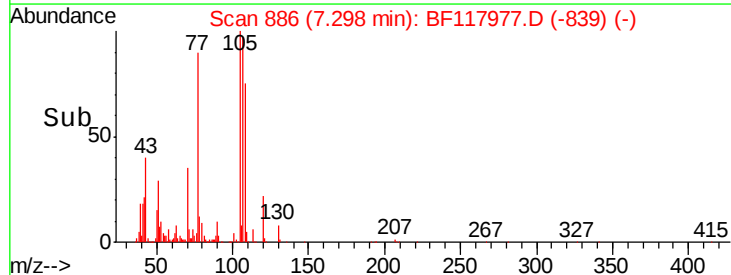
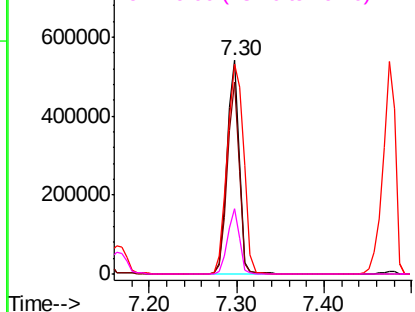


#20  
3+4-Methylphenols  
Concen: 47.130 ng  
RT: 7.30 min Scan# 886  
Delta R.T. -0.02 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 528649 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.8  | 68.4  | 108.4  |
| 77       | 98.2  | 35.2  | 75.2#  |
| 79       | 30.9  | 8.6   | 48.6   |



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.04 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampled :

Tot Ion:136 Resp: 763312

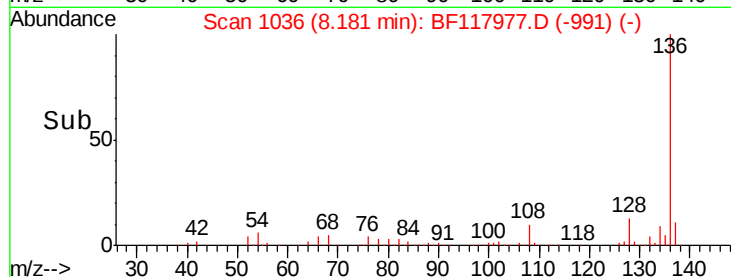
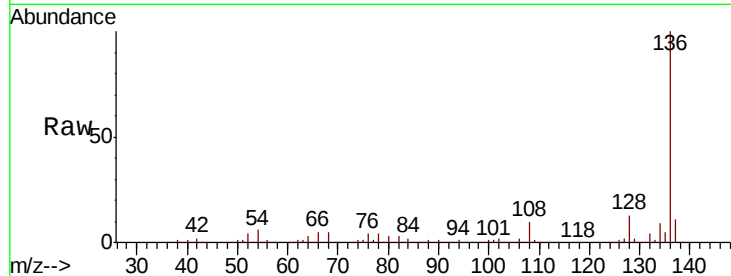
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.2 5.4 8.2

68 4.5 4.3 6.5

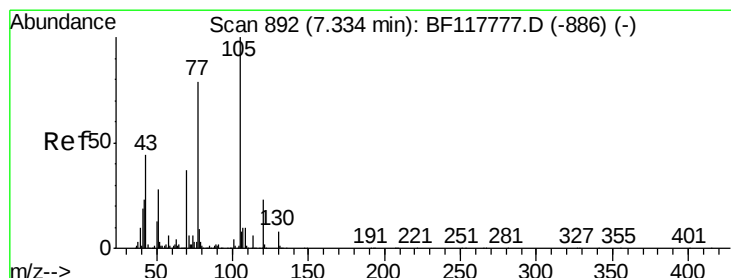
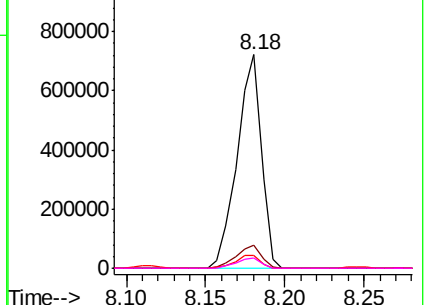


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.649 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Tgt Ion:105 Resp: 697105

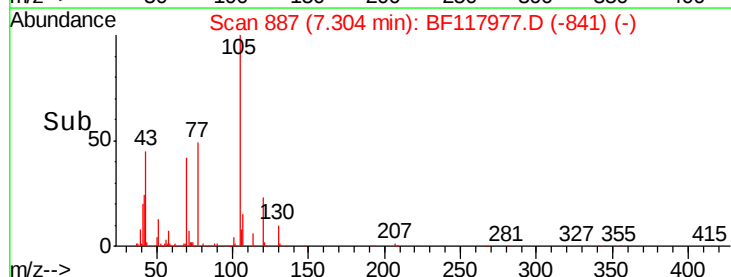
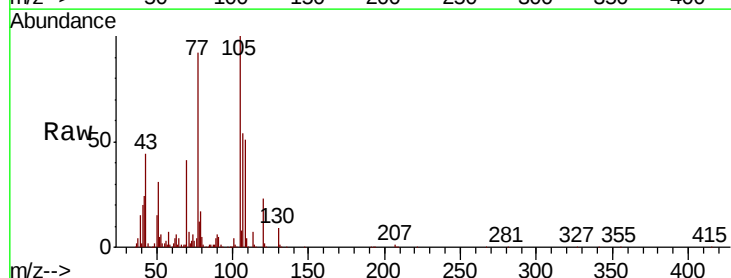
Ion Ratio Lower Upper

105 100

71 7.0 4.9 7.3

51 30.5 22.7 34.1

120 22.9 18.5 27.7

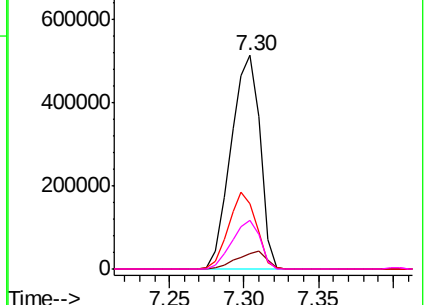


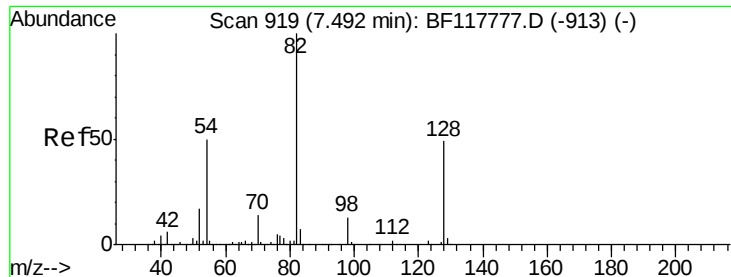
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

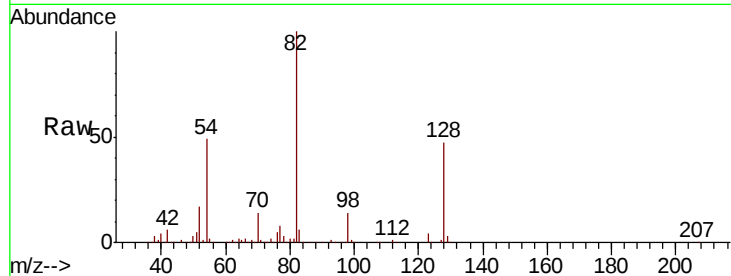




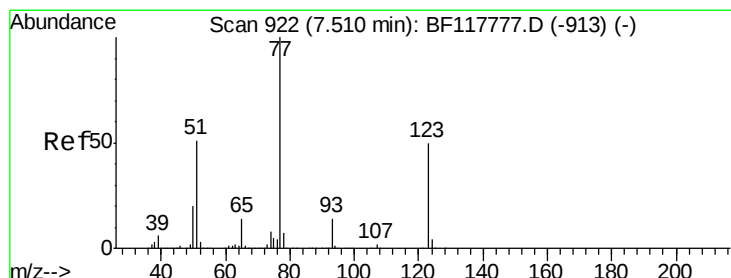
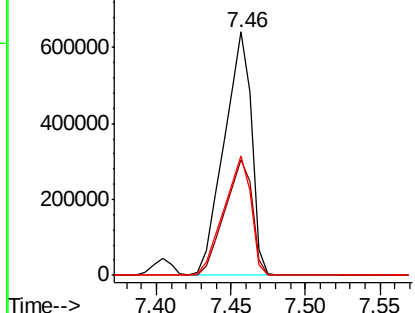
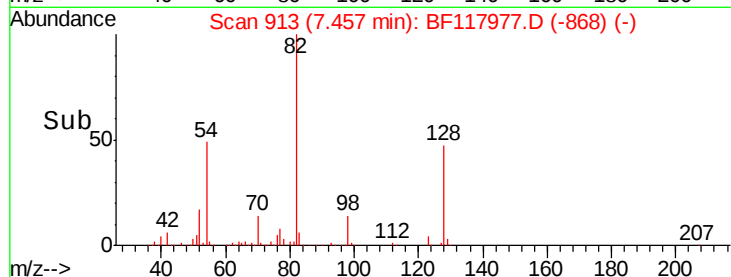
#23  
Nitrobenzene-d5  
Concen: 64.367 ng  
RT: 7.46 min Scan# 913  
Delta R.T. -0.04 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion   | 82    | Resp  | 826498 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 47.3  | 38.9  | 58.3   |
| 54        | 49.0  | 39.8  | 59.6   |

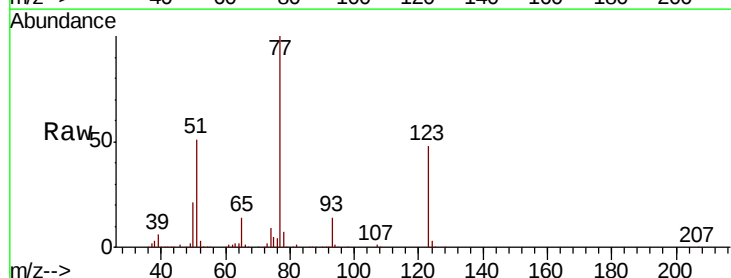


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

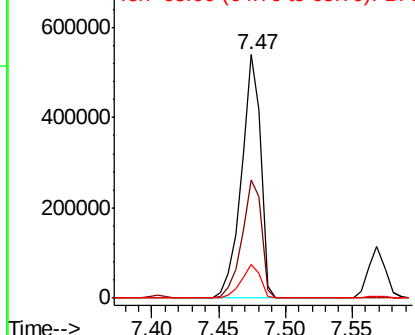
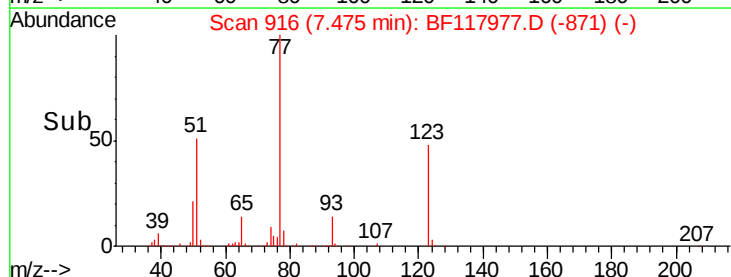


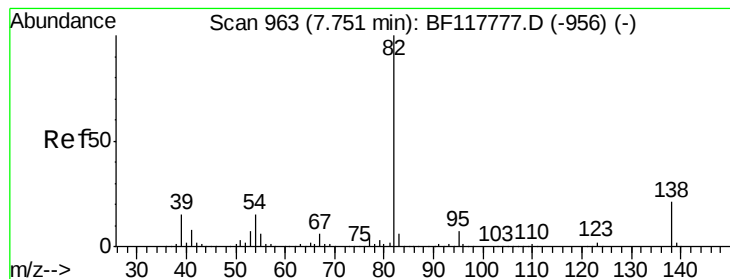
#24  
Nitrobenzene  
Concen: 40.487 ng  
RT: 7.47 min Scan# 916  
Delta R.T. -0.04 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

| Tgt Ion   | 77    | Resp  | 536311 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 48.4  | 40.3  | 60.5   |
| 65        | 13.8  | 10.9  | 16.3   |



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: 42.002 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

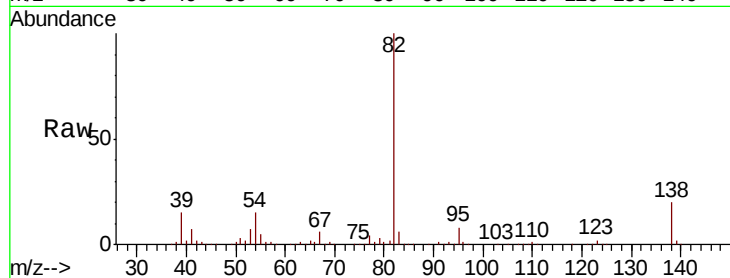
Tot Ion: 82 Resp: 988490

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

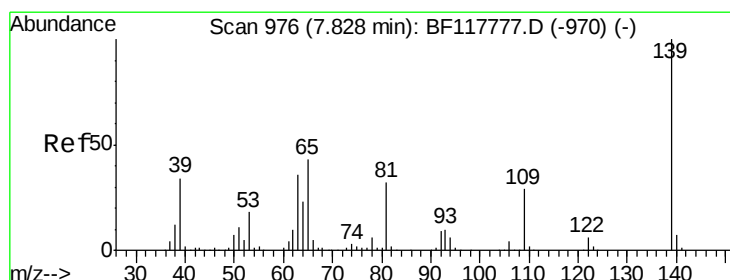
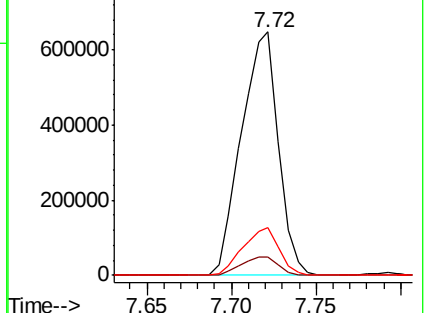
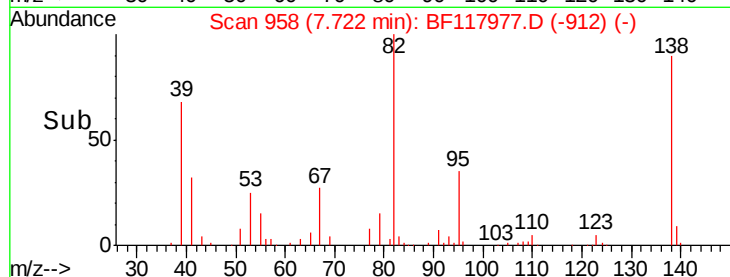
138 19.6 16.5 24.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.431 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.04 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

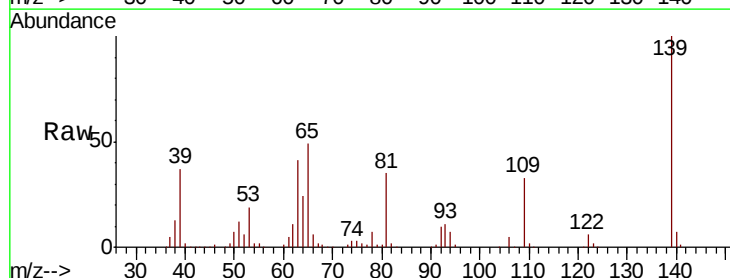
Tgt Ion: 139 Resp: 292917

Ion Ratio Lower Upper

139 100

109 32.5 23.0 34.4

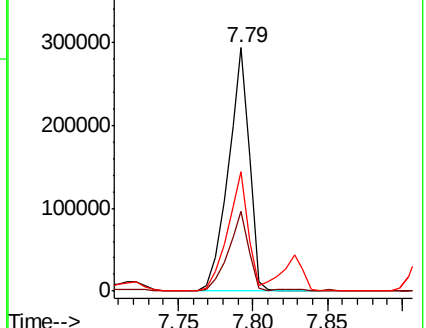
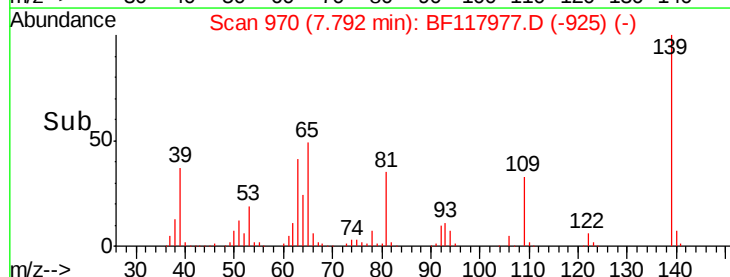
65 48.8 34.7 52.1

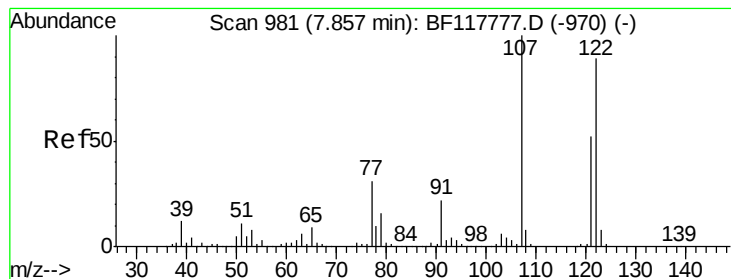


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.525 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

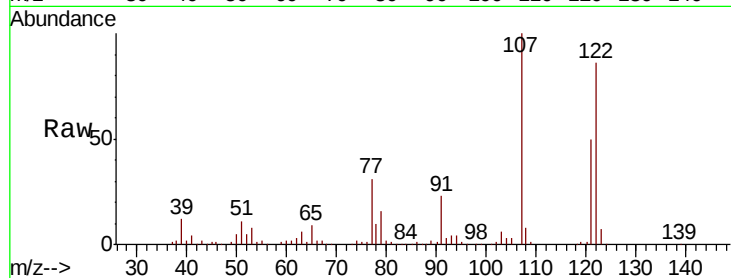
Tot Ion:122 Resp: 496179

Ion Ratio Lower Upper

122 100

107 116.5 90.0 135.0

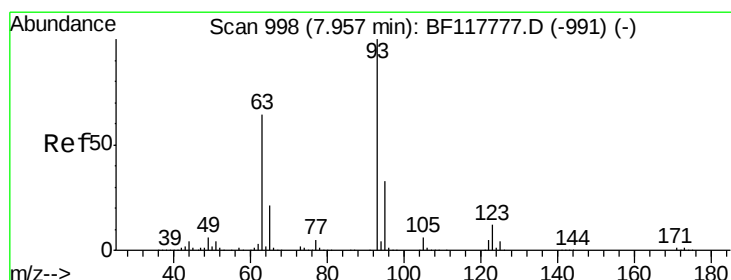
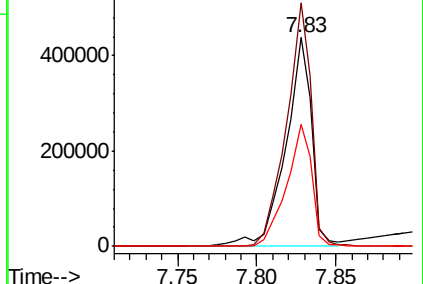
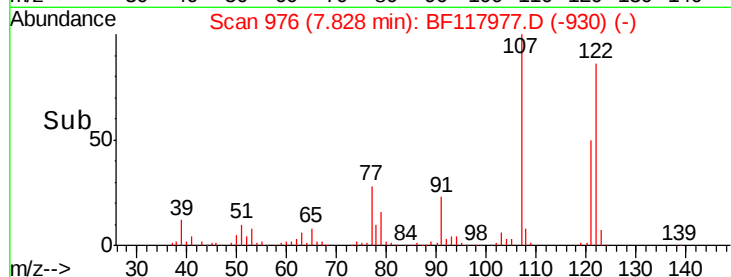
121 58.5 46.7 70.1



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: 39.609 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

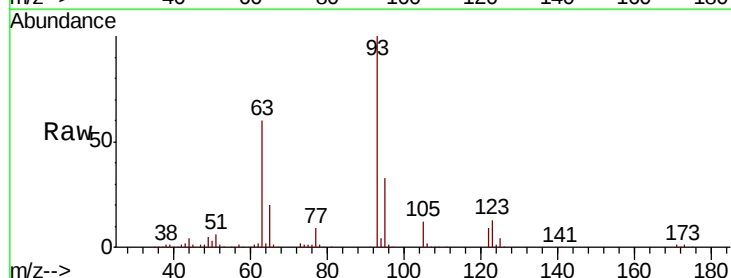
Tgt Ion: 93 Resp: 591541

Ion Ratio Lower Upper

93 100

95 33.0 26.6 40.0

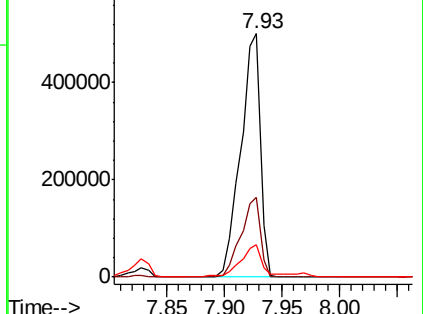
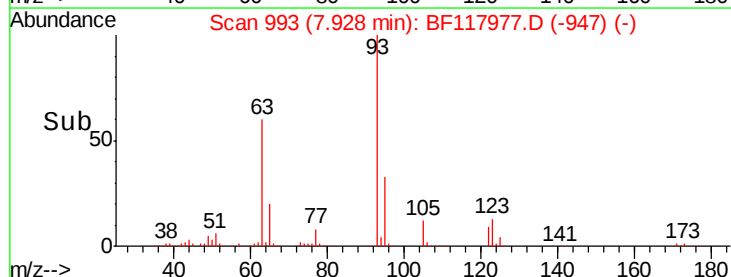
123 13.1 10.3 15.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

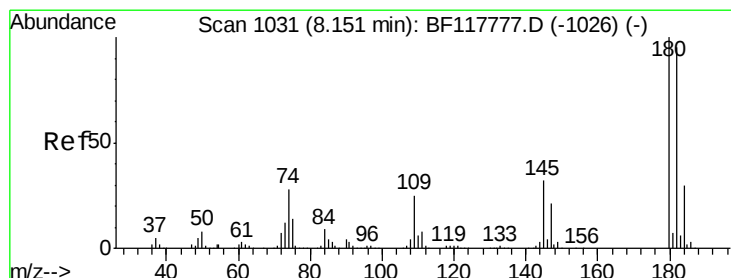
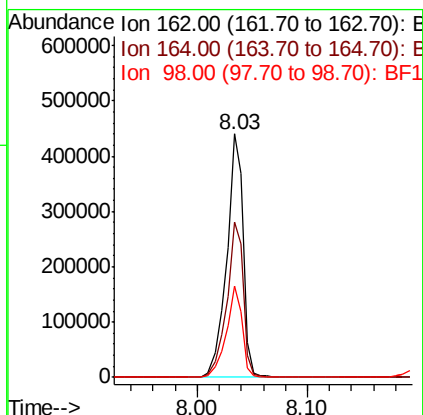
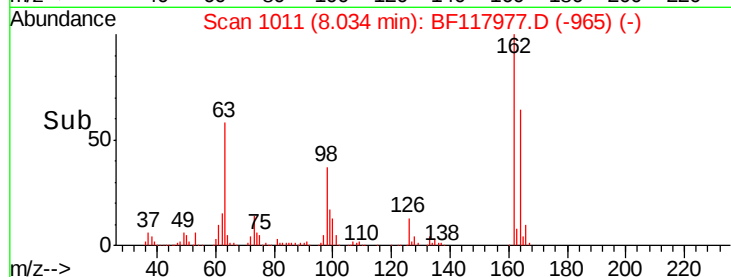
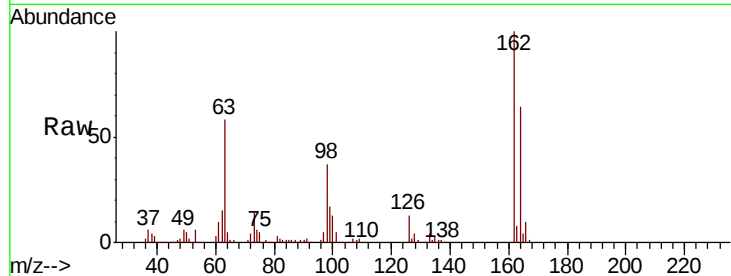




#29  
2,4-Dichlorophenol  
Concen: 42.288 ng  
RT: 8.03 min Scan# 1011  
Delta R.T. -0.03 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

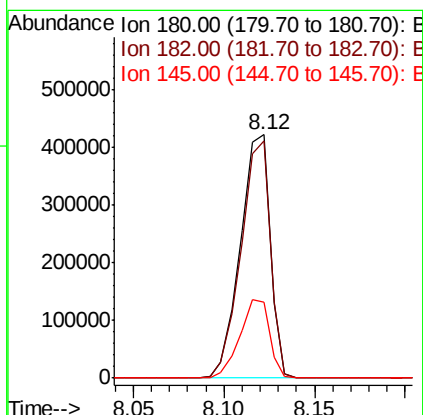
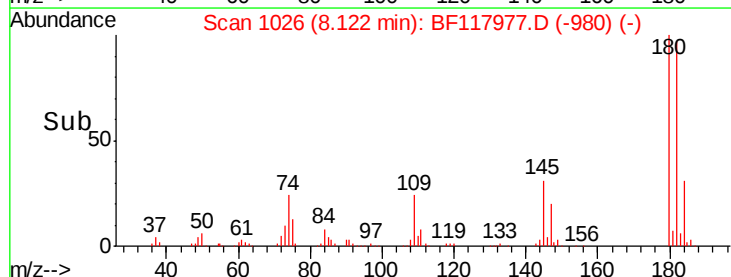
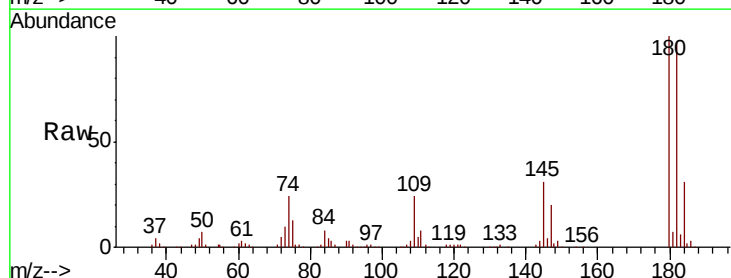
Instrument :  
BNA\_F  
ClientSampled :

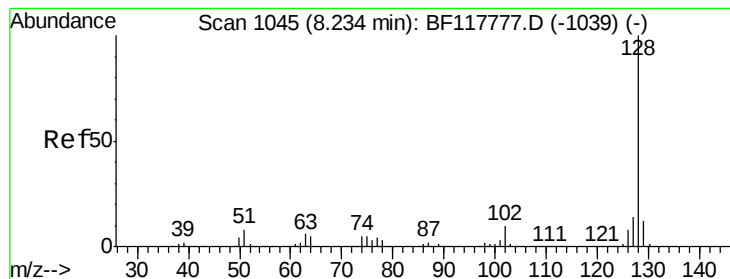
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.9  | 45.1  | 85.1  |
| 98      | 37.3  | 17.2  | 57.2  |



#30  
1,2,4-Trichlorobenzene  
Concen: 38.470 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. -0.03 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.4  | 75.8  | 113.6 |
| 145     | 31.1  | 25.5  | 38.3  |





#31

Naphthalene

Concen: 42.681 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

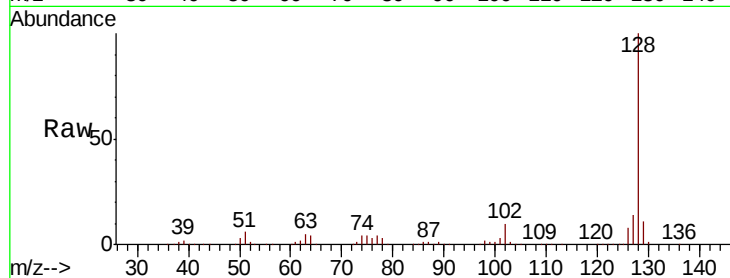
Tot Ion:128 Resp: 1518785

Ion Ratio Lower Upper

128 100

129 10.8 9.5 14.3

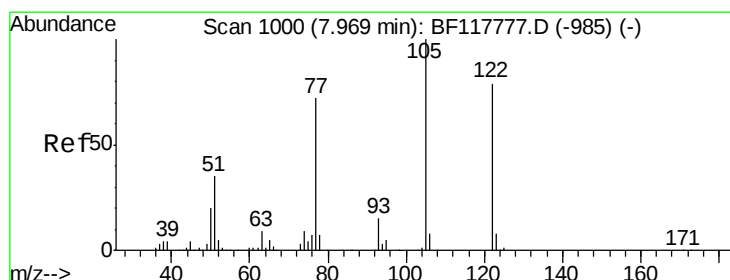
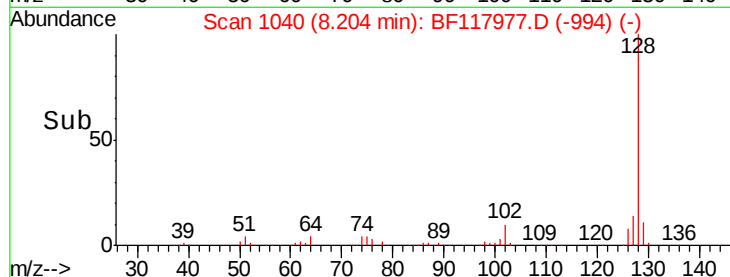
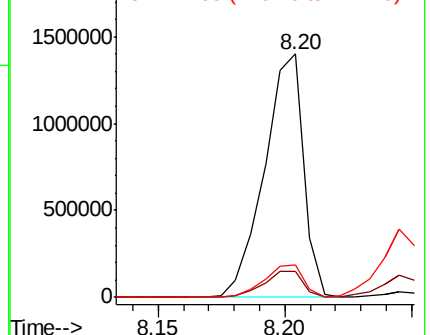
127 13.6 11.3 16.9



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: 40.484 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

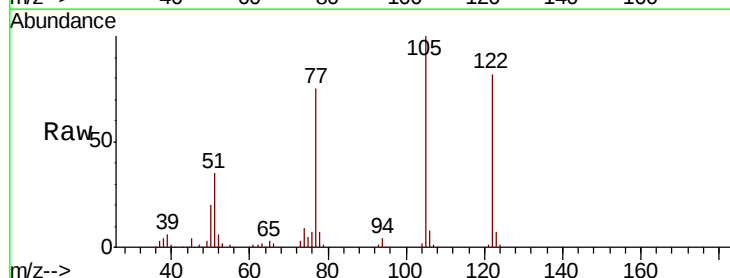
Tgt Ion:122 Resp: 339606

Ion Ratio Lower Upper

122 100

105 122.2 102.7 142.7

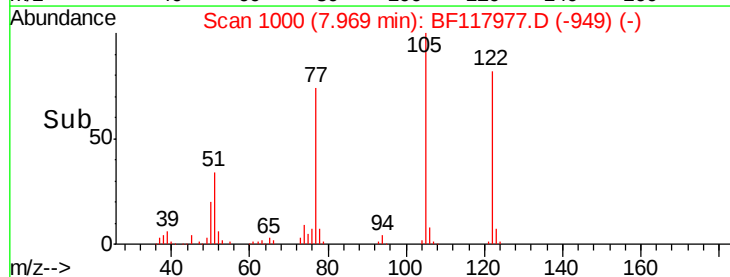
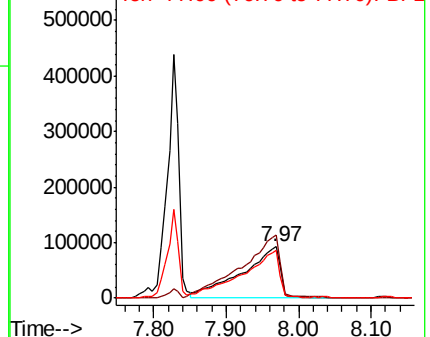
77 91.5 70.5 110.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

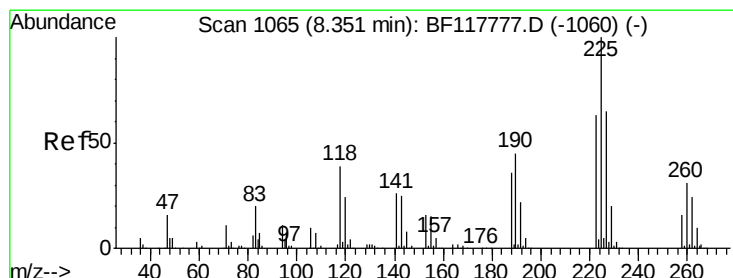
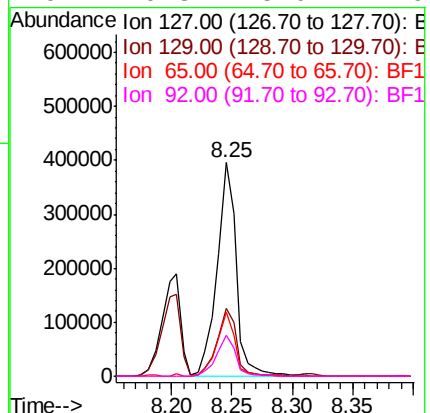
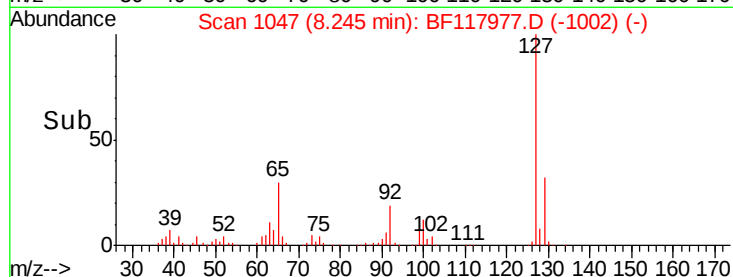
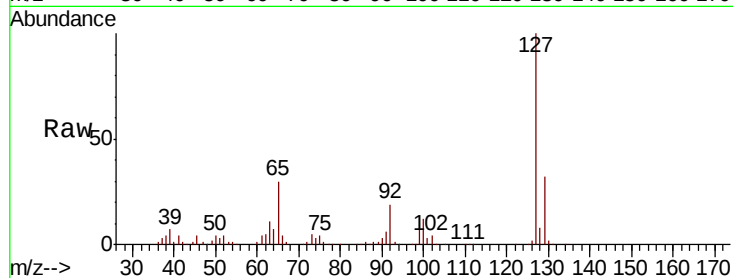




#33  
4-Chloroaniline  
Concen: 26.964 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. -0.04 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

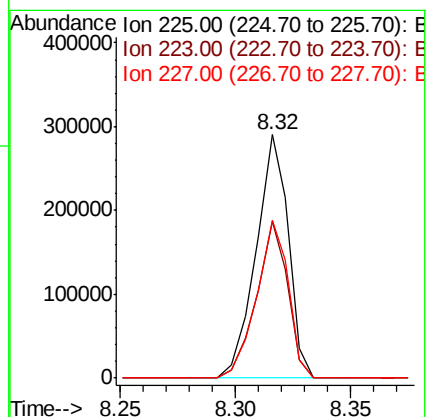
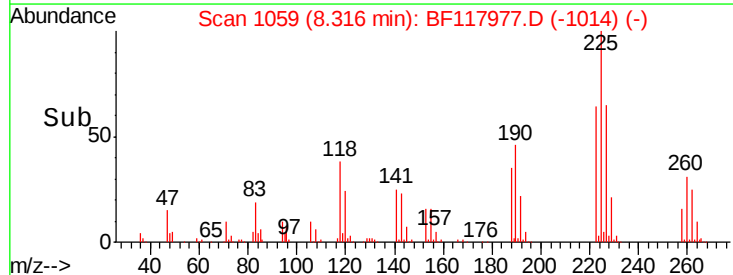
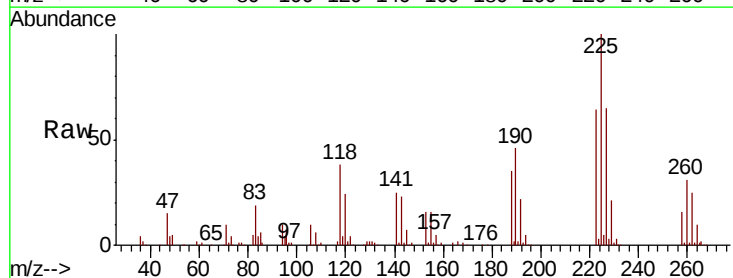
Instrument :  
BNA\_F  
ClientSampleId :

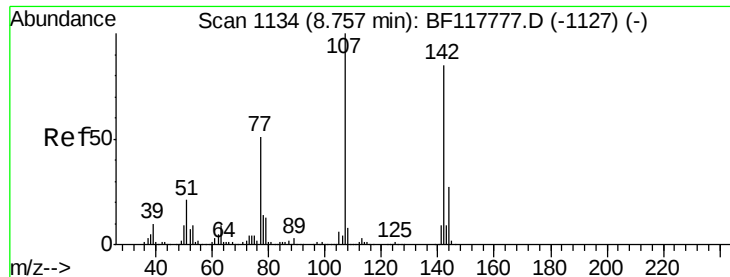
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 429547 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 26.5  | 39.7   |
| 65       | 30.1  | 22.9  | 34.3   |
| 92       | 19.3  | 15.0  | 22.6   |



#34  
Hexachlorobutadiene  
Concen: 38.450 ng  
RT: 8.32 min Scan# 1059  
Delta R.T. -0.04 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 283377 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.1  | 50.0  | 75.0   |
| 227      | 64.7  | 51.8  | 77.6   |

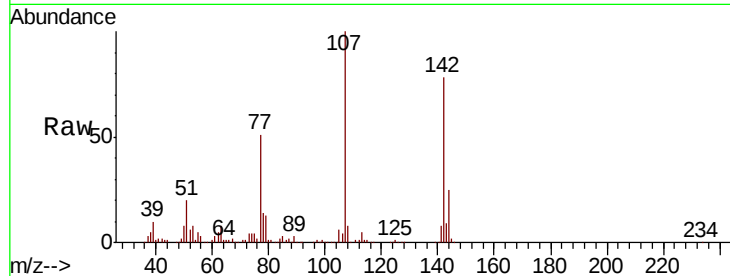




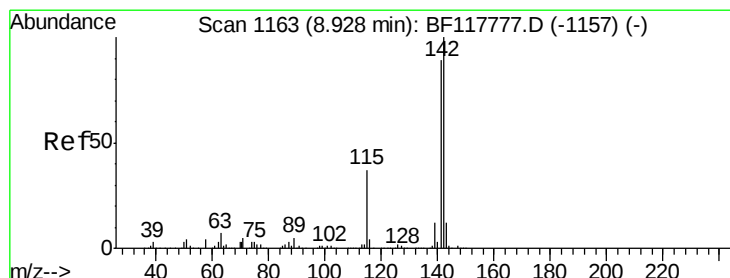
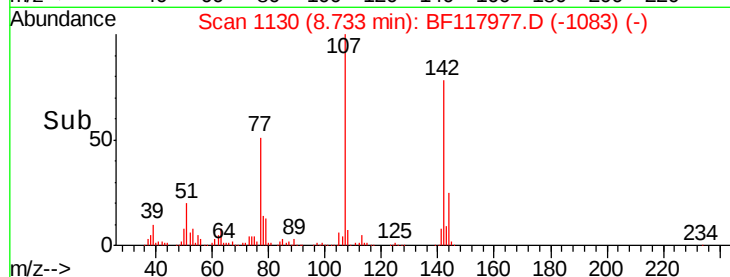
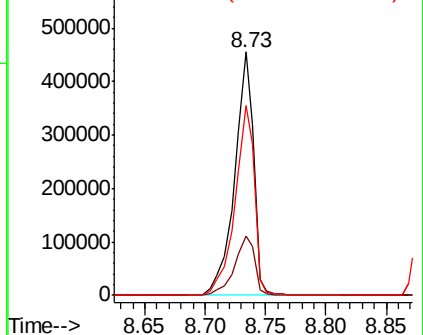
#36  
 4-Chloro-3-methylphenol  
 Concen: 45.181 ng  
 RT: 8.73 min Scan# 1130  
 Delta R.T. -0.02 min  
 Lab File: BF117977.D  
 Acq: 25 Nov 2019 20:29

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:107 Resp: 498299  
 Ion Ratio Lower Upper  
 107 100  
 144 24.5 21.9 32.9  
 142 77.8 67.7 101.5

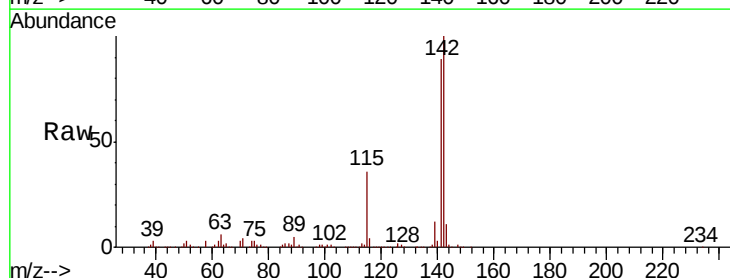


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

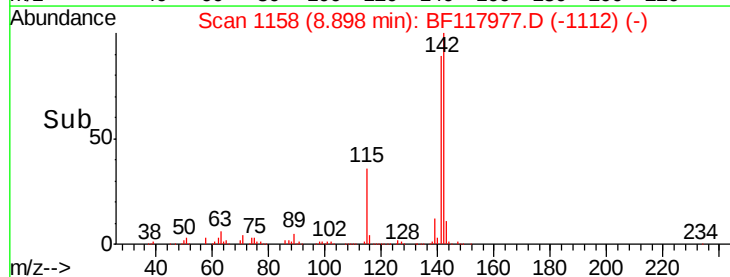
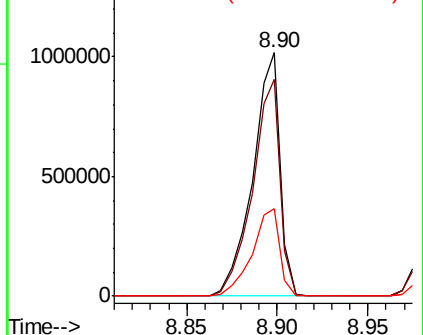


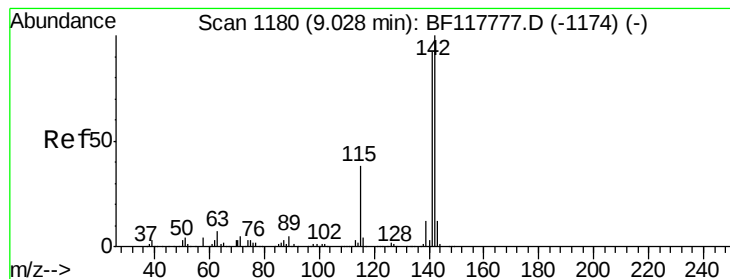
#37  
 2-Methylnaphthalene  
 Concen: 44.280 ng  
 RT: 8.90 min Scan# 1158  
 Delta R.T. -0.03 min  
 Lab File: BF117977.D  
 Acq: 25 Nov 2019 20:29

Tgt Ion:142 Resp: 1064655  
 Ion Ratio Lower Upper  
 142 100  
 141 88.9 71.1 106.7  
 115 35.8 29.2 43.8



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: 44.046 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

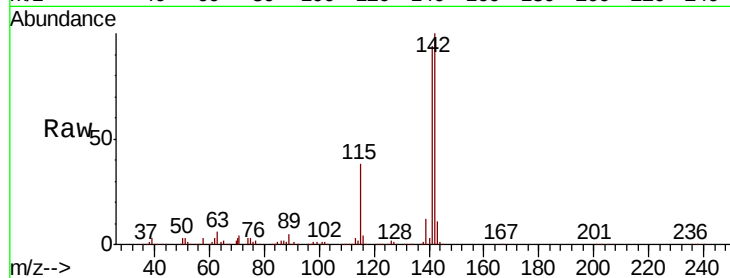
Tot Ion:142 Resp: 1001192

Ion Ratio Lower Upper

142 100

141 93.6 73.5 110.3

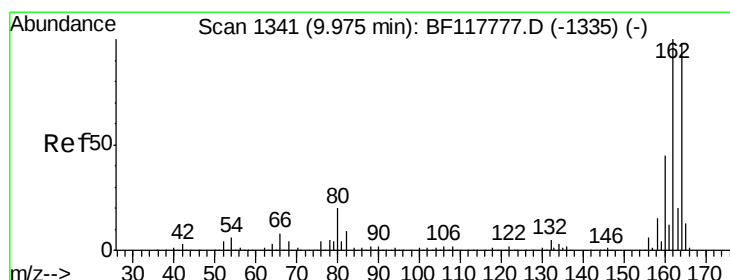
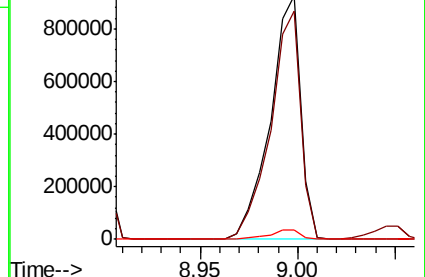
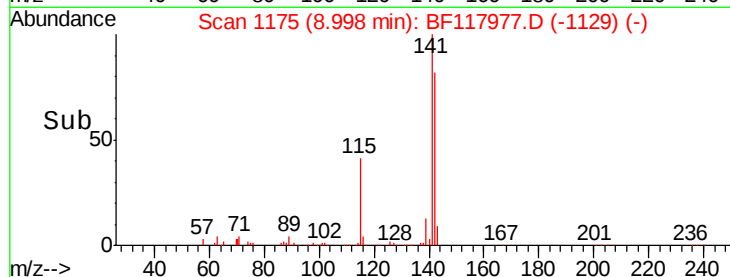
116 3.9 3.2 4.8



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: 9.95 min Scan# 1336

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

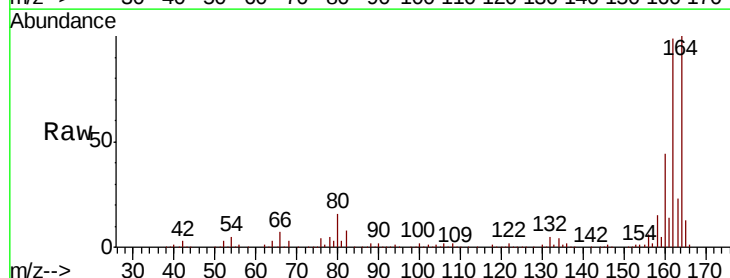
Tgt Ion:164 Resp: 430463

Ion Ratio Lower Upper

164 100

162 99.4 81.3 121.9

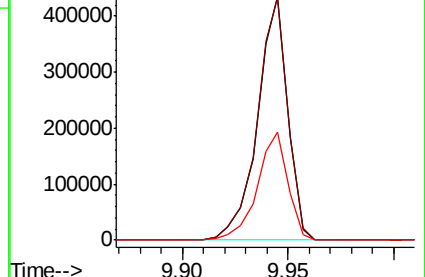
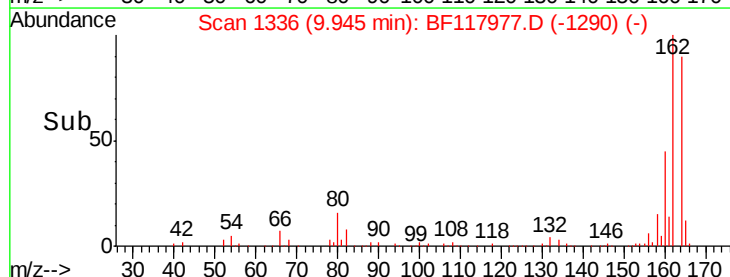
160 44.5 36.6 55.0

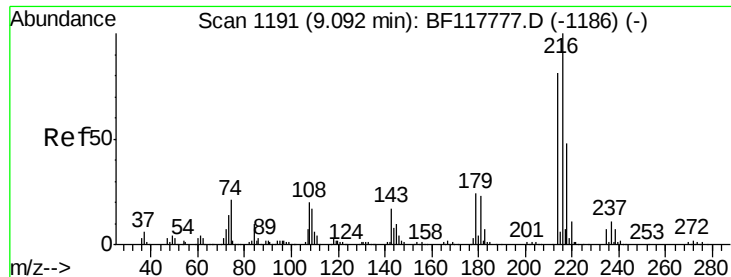


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

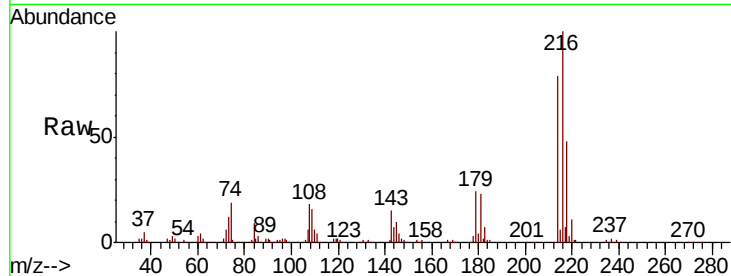




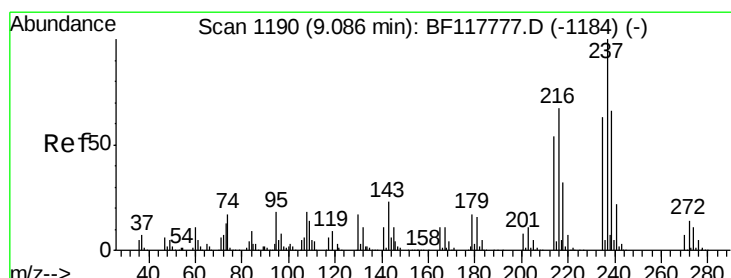
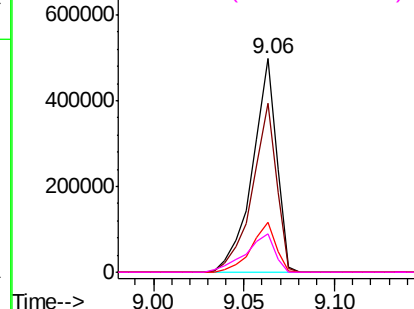
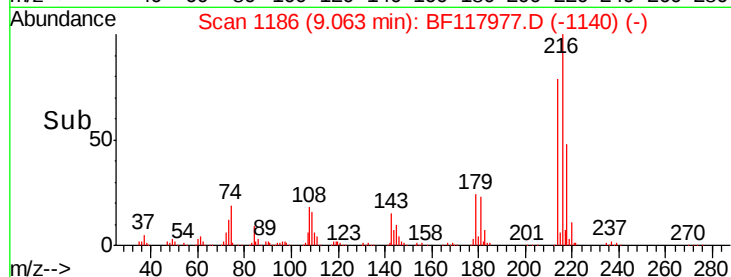
#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 37.049 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. -0.03 min  
 Lab File: BF117977.D  
 Acq: 25 Nov 2019 20:29

Instrument :  
 BNA\_F  
 ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 463152    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 78.9  | 63.4 95.0 |
| 179         | 23.5  | 18.2 27.4 |
| 108         | 21.3  | 16.0 24.0 |

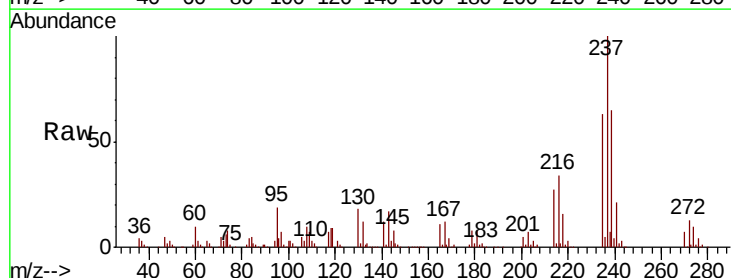


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

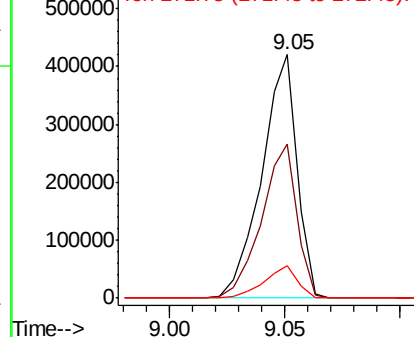
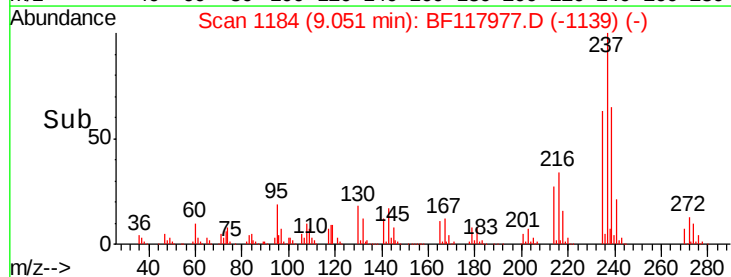


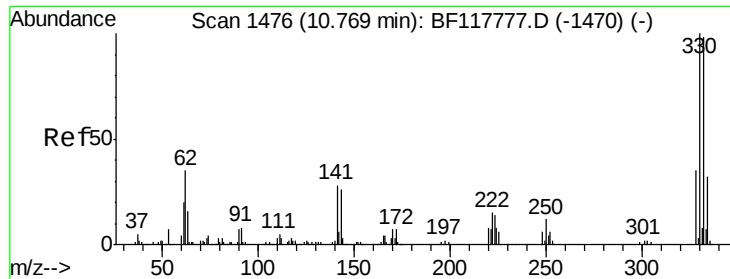
#41  
 Hexachlorocyclopentadiene  
 Concen: 63.705 ng  
 RT: 9.05 min Scan# 1184  
 Delta R.T. -0.04 min  
 Lab File: BF117977.D  
 Acq: 25 Nov 2019 20:29

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 446290    |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 63.2  | 42.6 82.6 |
| 272         | 13.1  | 0.0 34.3  |



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





#42

2,4,6-Tribromophenol

Concen: 127.570 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

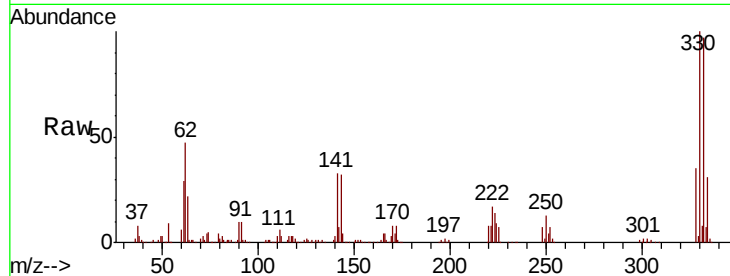
Tot Ion:330 Resp: 581369

Ion Ratio Lower Upper

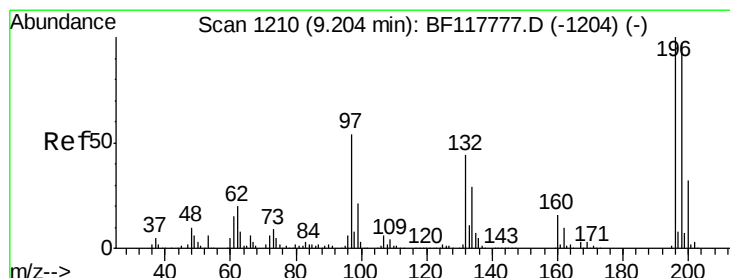
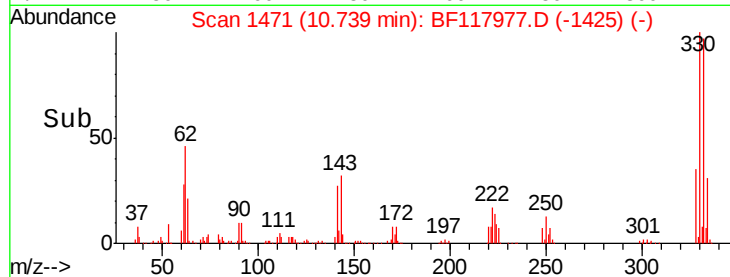
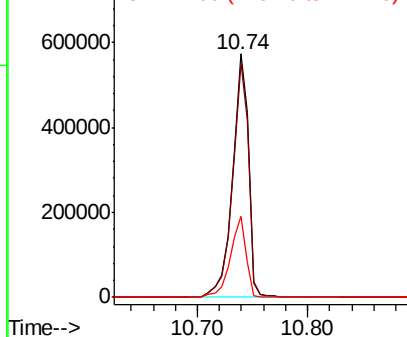
330 100

332 96.7 76.7 115.1

141 32.9 27.7 41.5



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 39.253 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

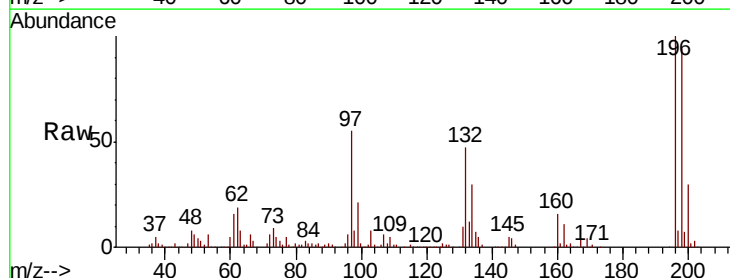
Tgt Ion:196 Resp: 351475

Ion Ratio Lower Upper

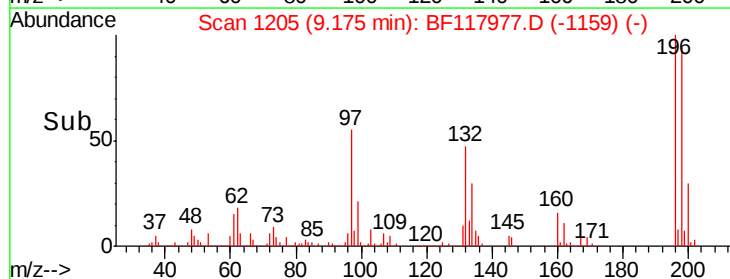
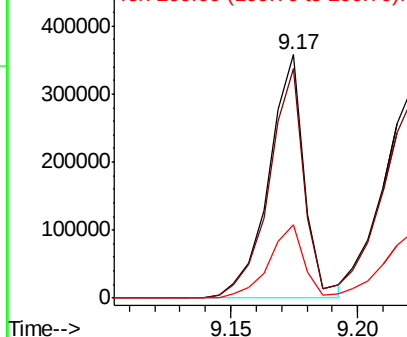
196 100

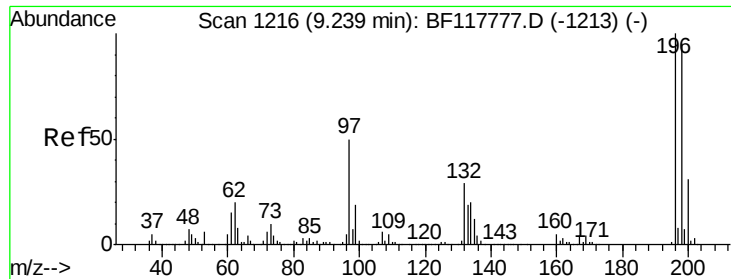
198 94.0 77.8 116.6

200 30.1 25.4 38.0



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

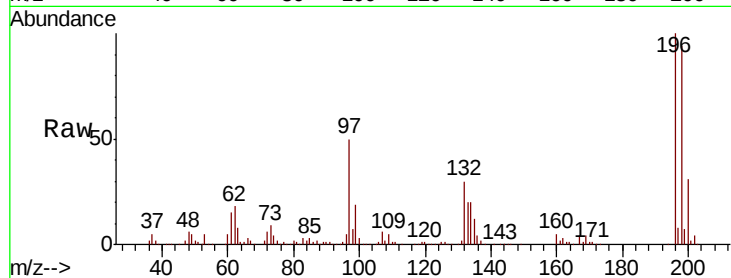




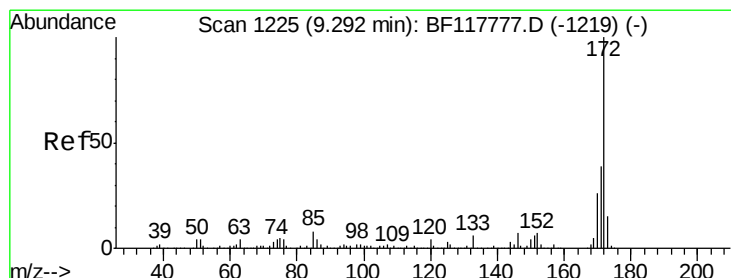
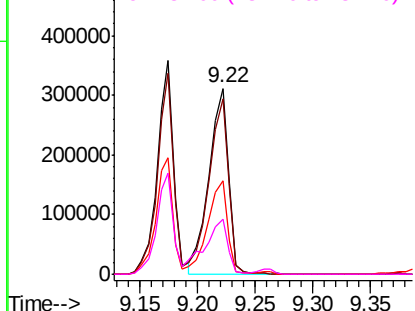
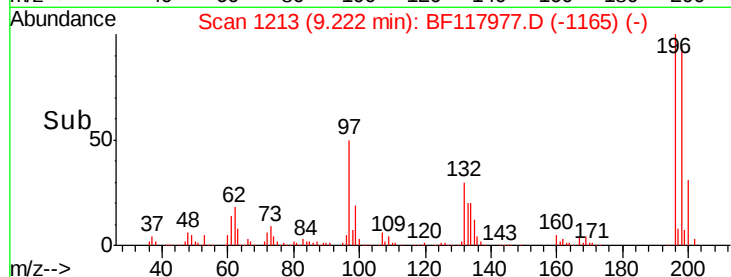
#44  
 2,4,5-Trichlorophenol  
 Concen: 39.848 ng  
 RT: 9.22 min Scan# 1213  
 Delta R.T. -0.02 min  
 Lab File: BF117977.D  
 Acq: 25 Nov 2019 20:29

Instrument :  
 BNA\_F  
 ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tot Ion:196 | Resp: | 370452     |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 94.4  | 76.3 114.5 |
| 97          | 50.1  | 40.0 60.0  |
| 132         | 29.9  | 23.6 35.4  |

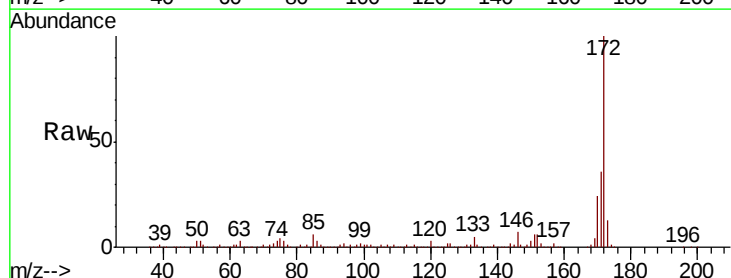


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

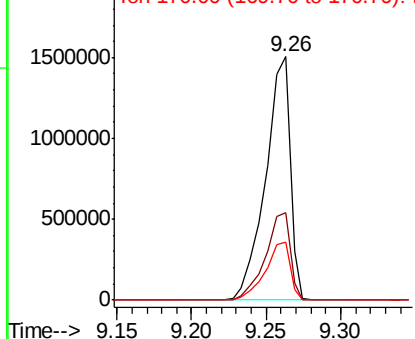
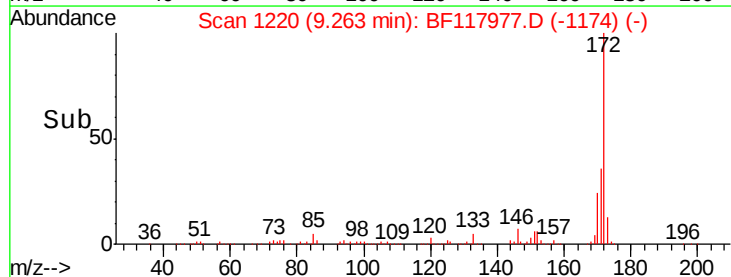


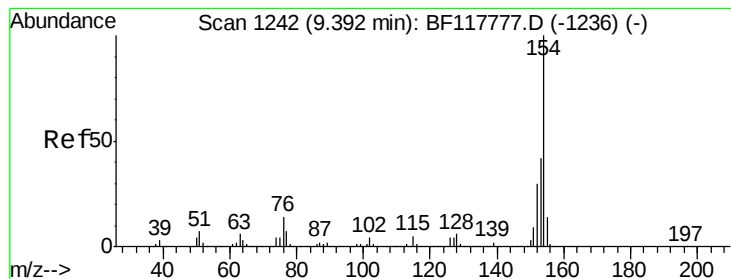
#45  
 2-Fluorobiphenyl  
 Concen: 71.388 ng  
 RT: 9.26 min Scan# 1220  
 Delta R.T. -0.03 min  
 Lab File: BF117977.D  
 Acq: 25 Nov 2019 20:29

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 1712901   |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 36.0  | 30.9 46.3 |
| 170         | 24.0  | 21.0 31.4 |



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: 40.014 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

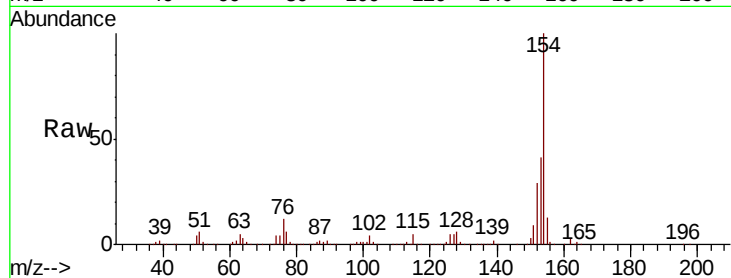
Tot Ion:154 Resp: 1277906

Ion Ratio Lower Upper

154 100

153 41.3 21.9 61.9

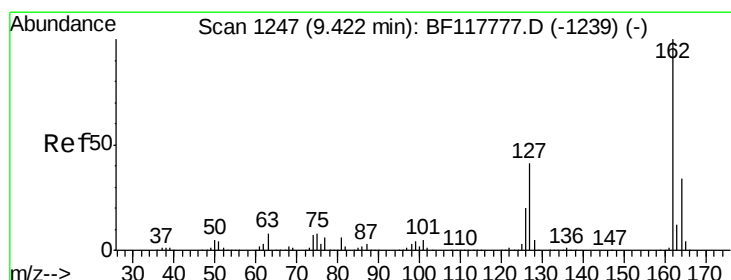
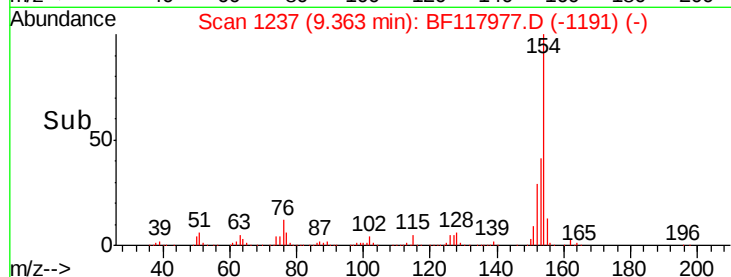
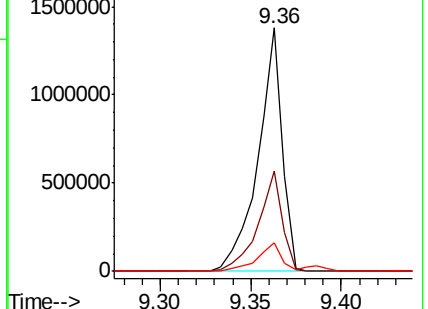
76 11.9 0.0 33.6



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: 37.858 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.04 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

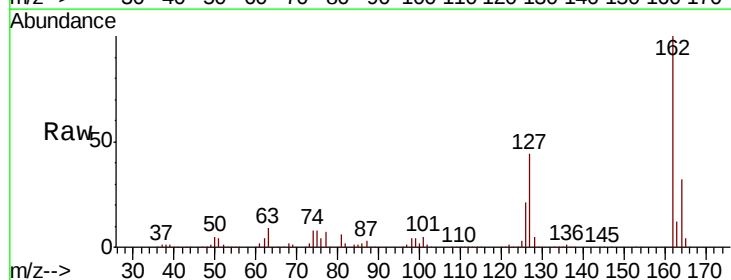
Tgt Ion:162 Resp: 994639

Ion Ratio Lower Upper

162 100

127 44.2 33.2 49.8

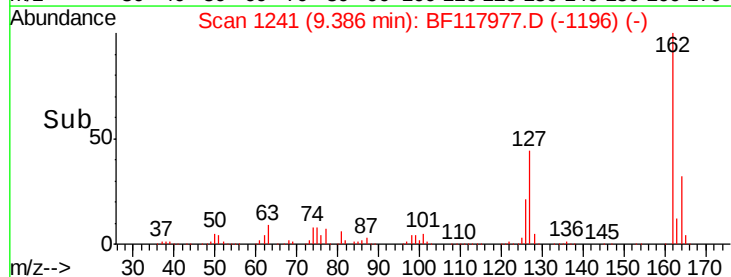
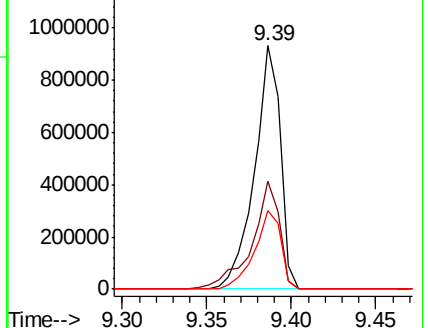
164 32.4 27.3 40.9

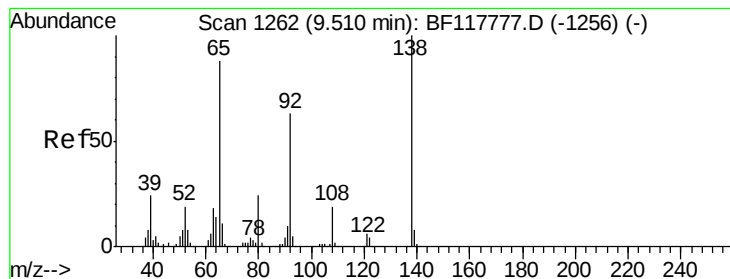


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#48

2-Nitroaniline

Concen: 38.707 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

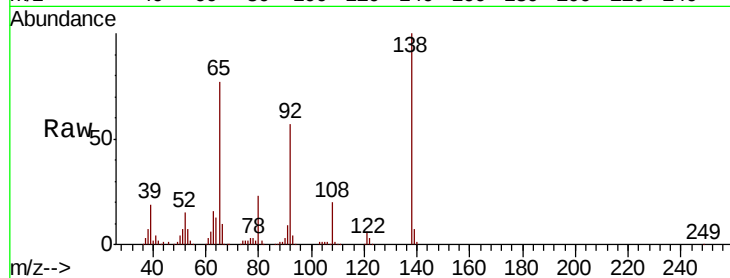
Tot Ion: 65 Resp: 307014

Ion Ratio Lower Upper

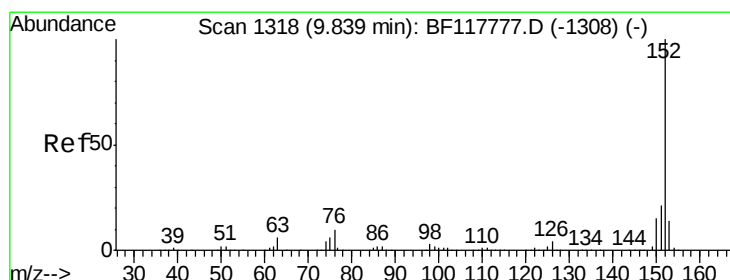
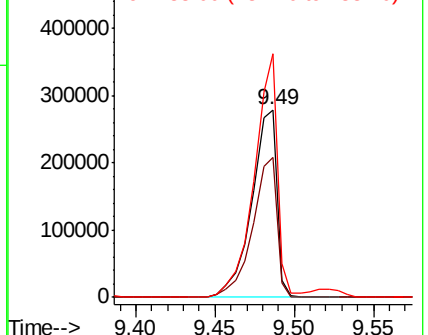
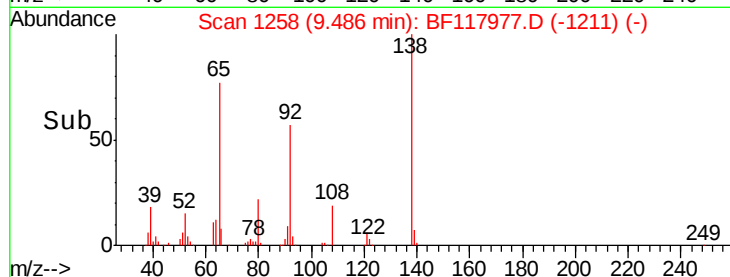
65 100

92 74.4 56.6 84.8

138 129.8 90.5 135.7



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): BF1



#49

Acenaphthylene

Concen: 41.267 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

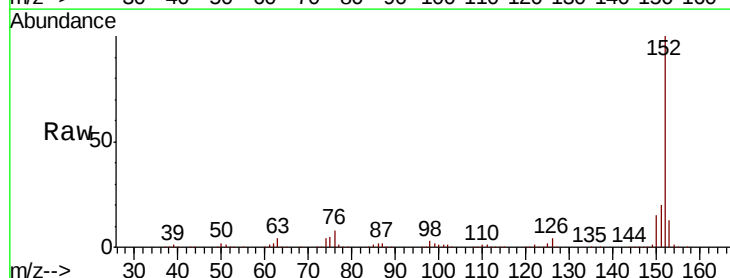
Tgt Ion: 152 Resp: 1580699

Ion Ratio Lower Upper

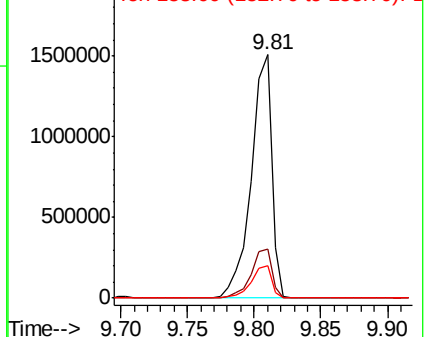
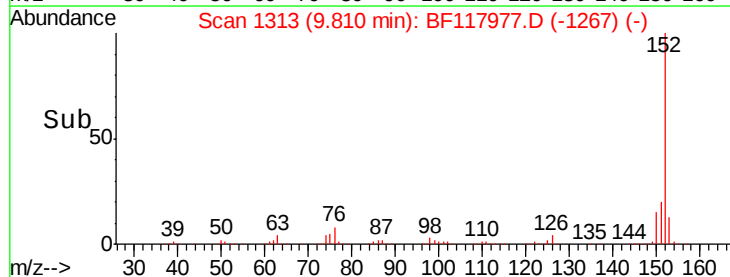
152 100

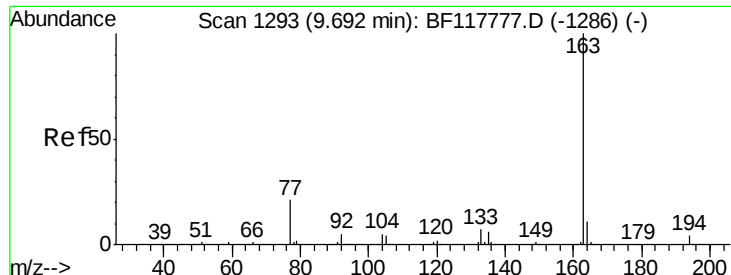
151 20.3 17.0 25.6

153 13.3 11.0 16.6



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

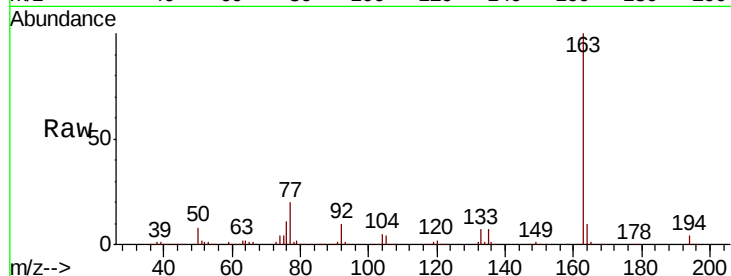




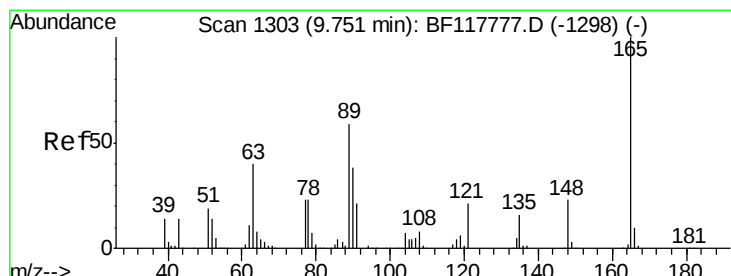
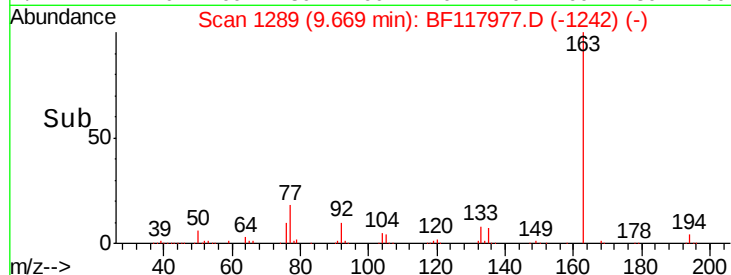
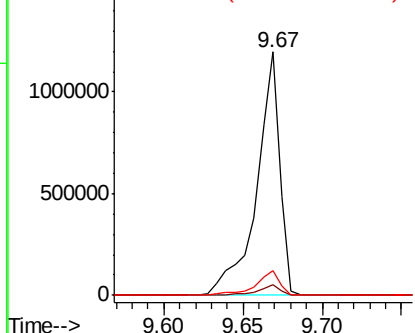
#50  
Dimethylphthalate  
Concen: 40.578 ng  
RT: 9.67 min Scan# 1289  
Delta R.T. -0.02 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:163 Resp: 1224887  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 10.4 8.7 13.1

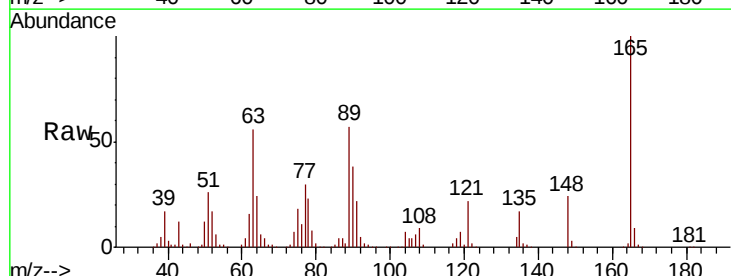


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

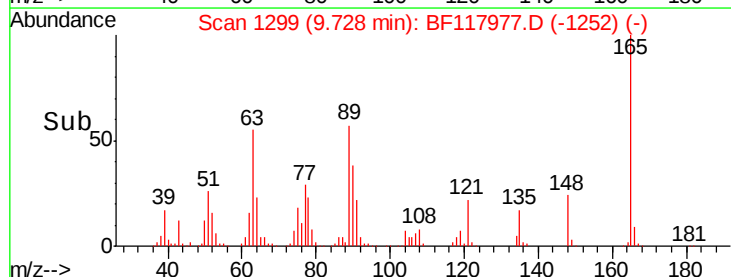
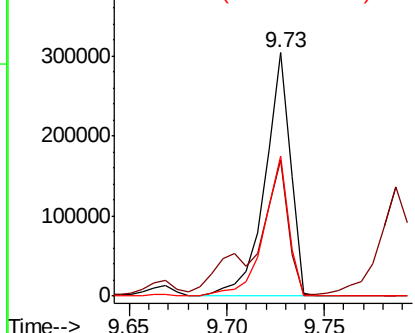


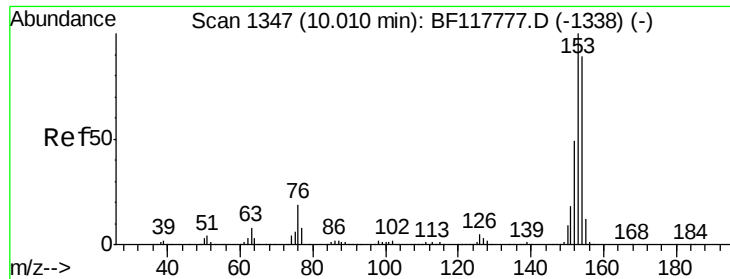
#51  
2,6-Dinitrotoluene  
Concen: 41.644 ng  
RT: 9.73 min Scan# 1299  
Delta R.T. -0.02 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Tgt Ion:165 Resp: 274738  
Ion Ratio Lower Upper  
165 100  
63 55.9 46.0 69.0  
89 57.4 47.7 71.5



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: 39.285 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampled :

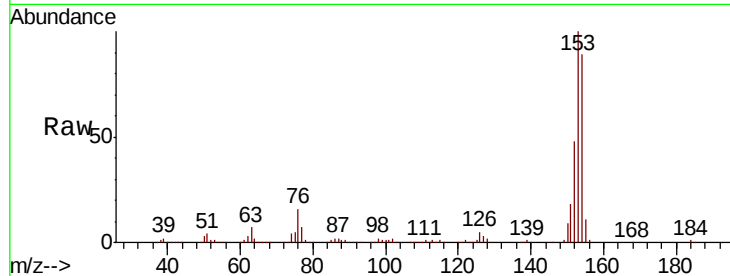
Tot Ion:154 Resp: 963951

Ion Ratio Lower Upper

154 100

153 112.7 90.1 135.1

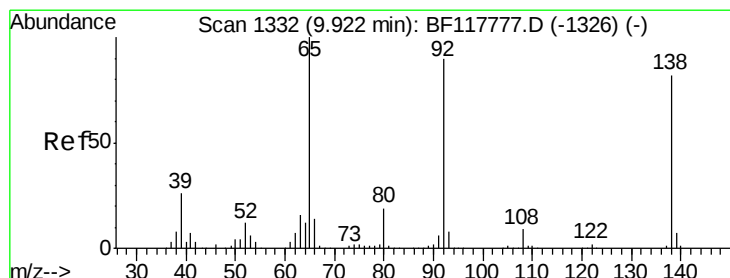
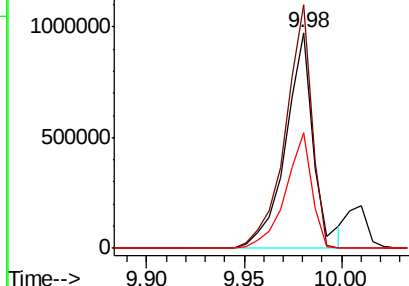
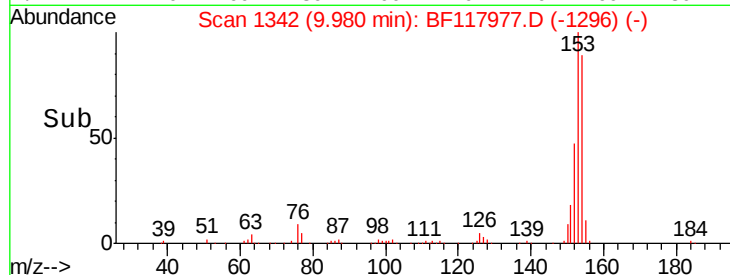
152 53.7 44.0 66.0



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: 28.668 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

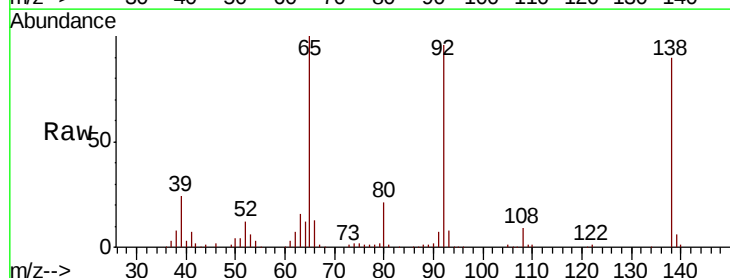
Tgt Ion:138 Resp: 226307

Ion Ratio Lower Upper

138 100

108 9.6 8.6 12.8

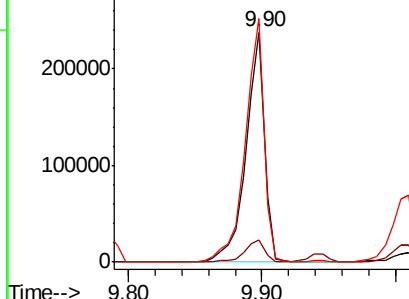
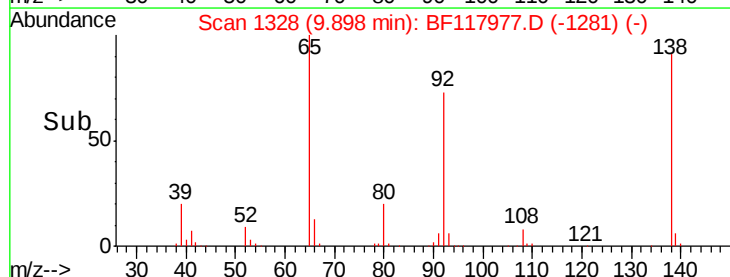
92 105.9 87.9 131.9

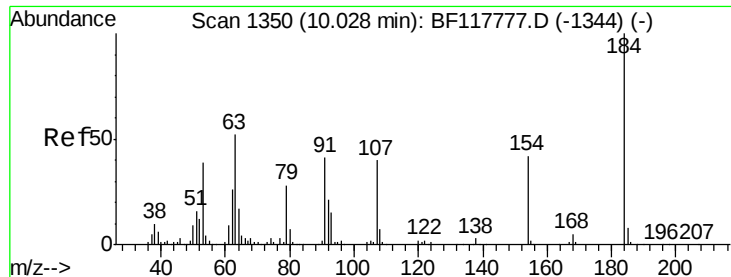


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

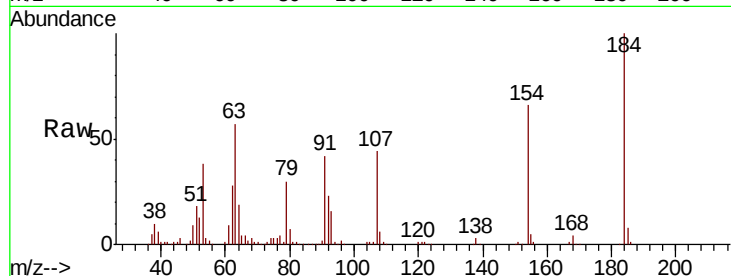




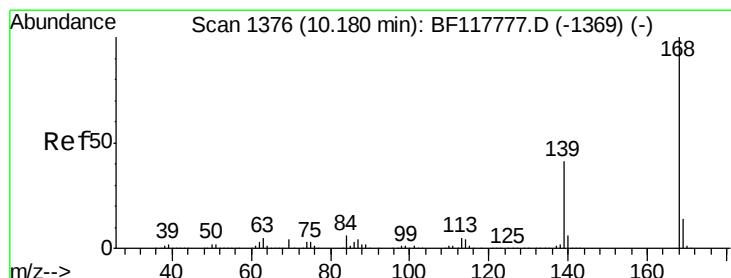
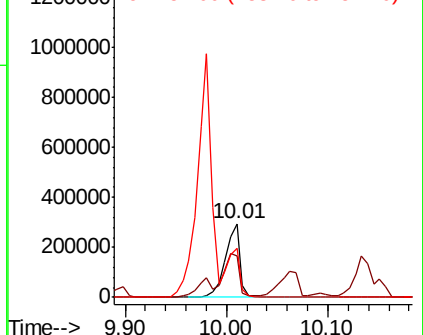
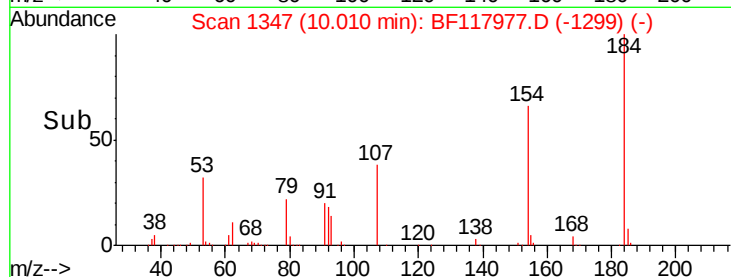
#54  
2,4-Dinitrophenol  
Concen: 87.248 ng  
RT: 10.01 min Scan# 1347  
Delta R.T. -0.02 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:184 Resp: 298190  
Ion Ratio Lower Upper  
184 100  
63 56.6 43.0 64.6  
154 65.6 48.0 72.0

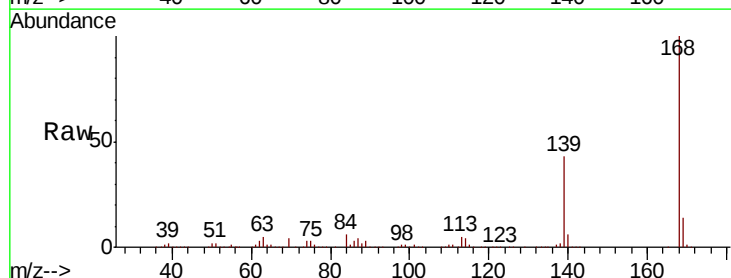


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E

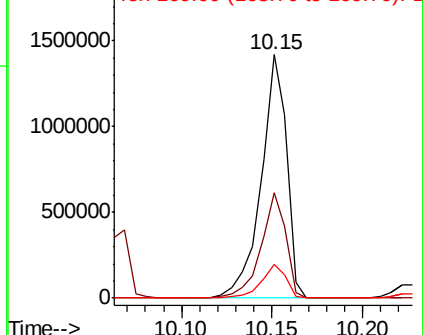
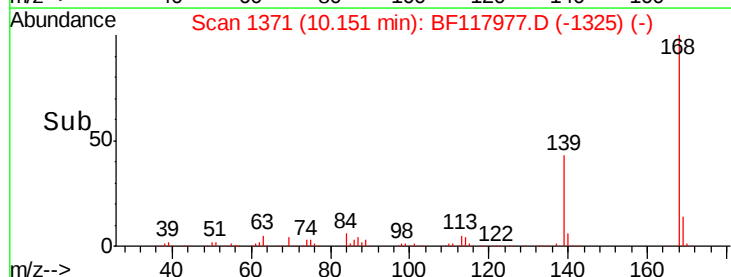


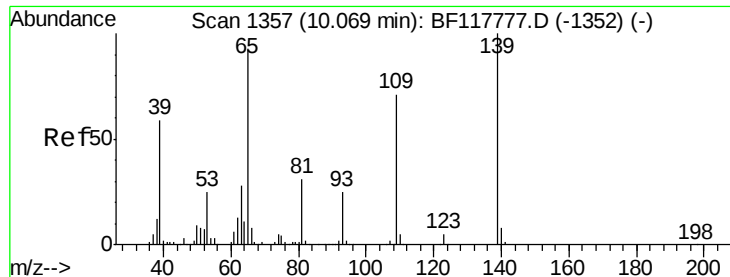
#55  
Dibenzofuran  
Concen: 40.876 ng  
RT: 10.15 min Scan# 1371  
Delta R.T. -0.03 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Tgt Ion:168 Resp: 1388898  
Ion Ratio Lower Upper  
168 100  
139 43.1 33.0 49.6  
169 14.0 11.5 17.3



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: 83.666 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

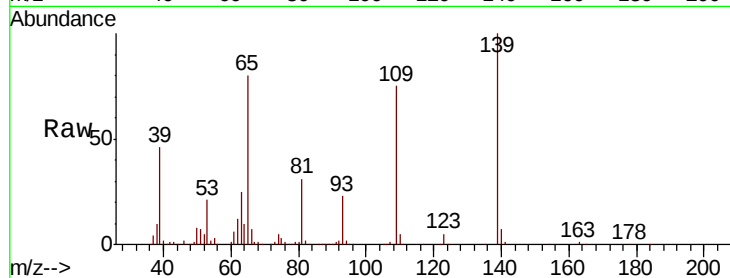
Tot Ion:139 Resp: 492994

Ion Ratio Lower Upper

139 100

109 74.6 50.8 90.8

65 80.3 73.6 113.6

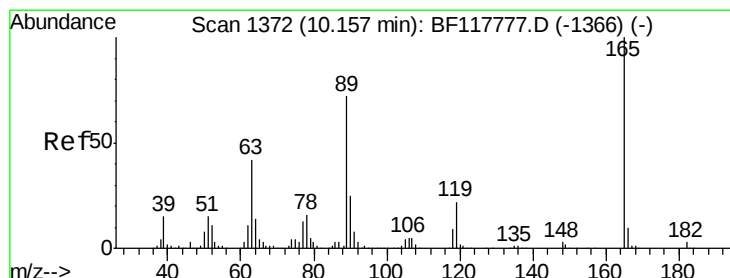
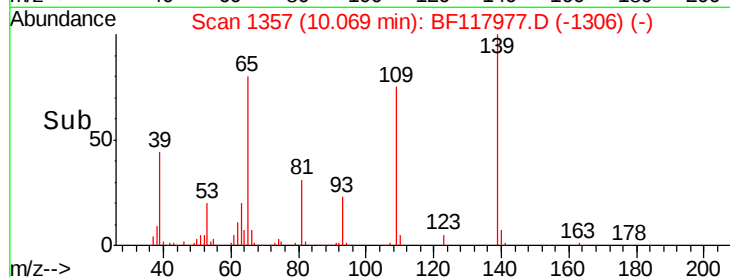
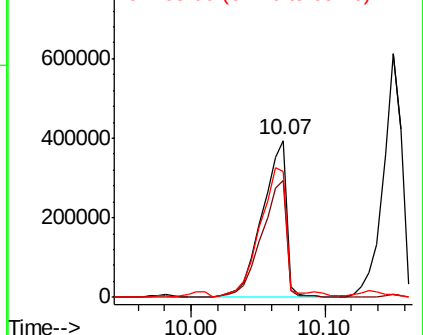


Abundance

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: 44.121 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.02 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Tgt Ion:165 Resp: 370267

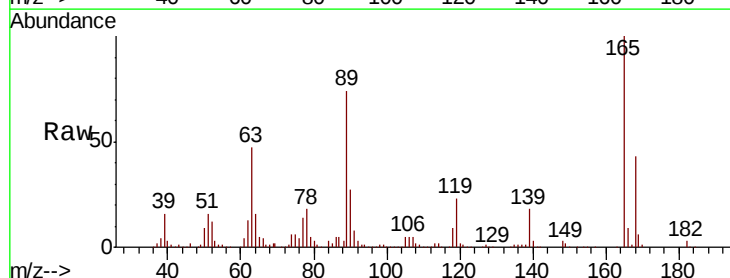
Ion Ratio Lower Upper

165 100

63 47.0 33.7 50.5

89 74.1 57.3 85.9

182 2.9 2.3 3.5



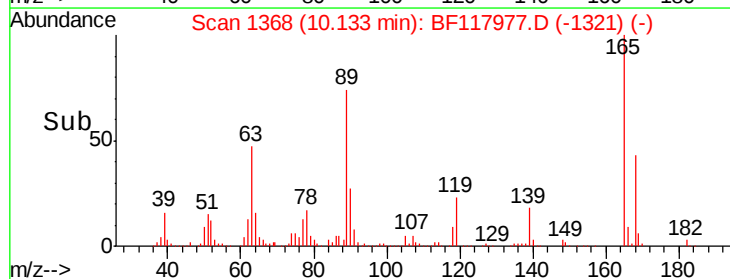
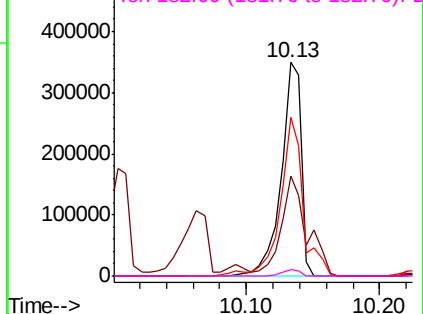
Abundance

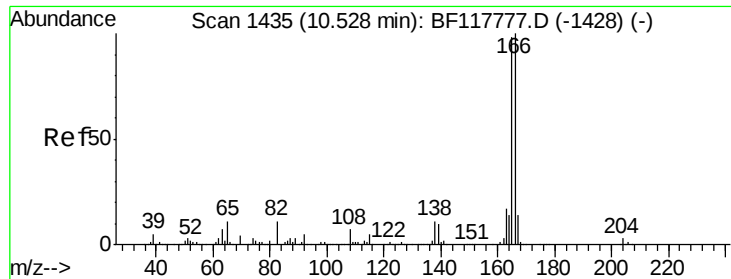
Ion 165.00 (164.70 to 165.70): E

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: 40.996 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

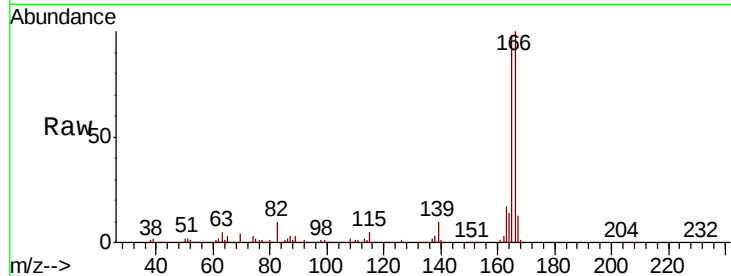
Tot Ion:166 Resp: 1079451

Ion Ratio Lower Upper

166 100

165 98.4 78.4 117.6

167 13.4 11.0 16.4

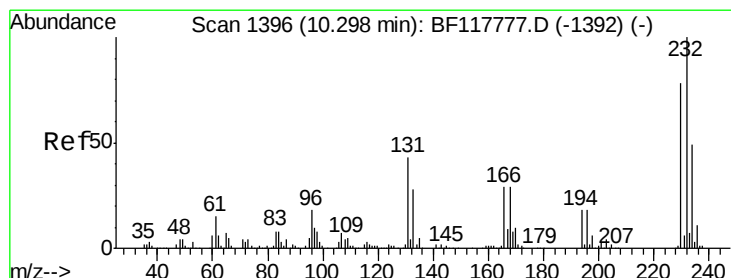
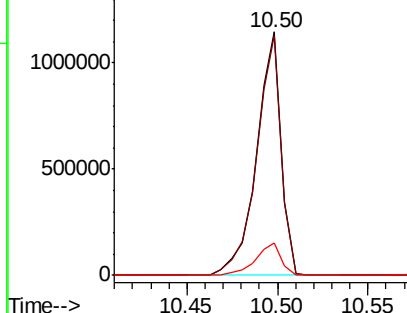
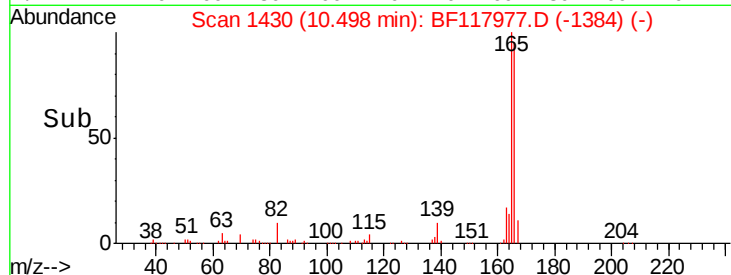


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 40.552 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Tgt Ion:232 Resp: 309762

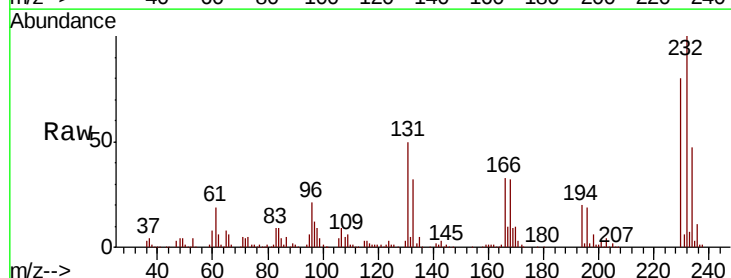
Ion Ratio Lower Upper

232 100

131 50.4 37.6 56.4

130 2.6 1.9 2.9

166 32.9 24.2 36.4



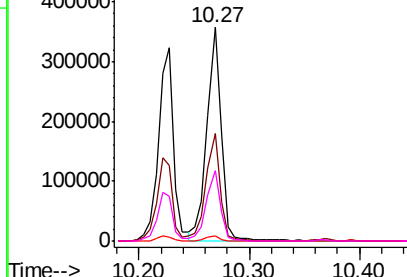
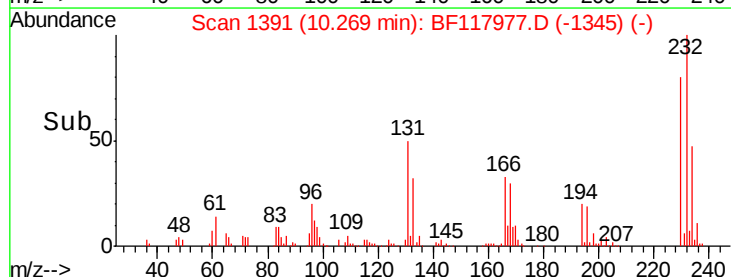
Abundance

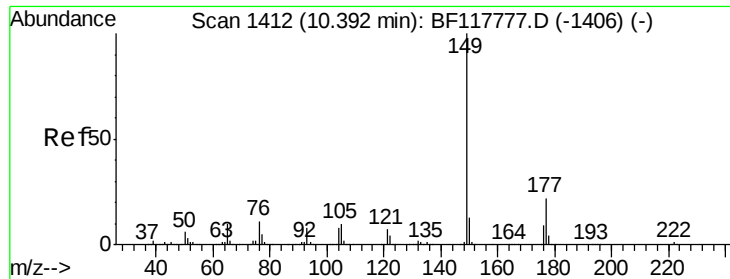
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

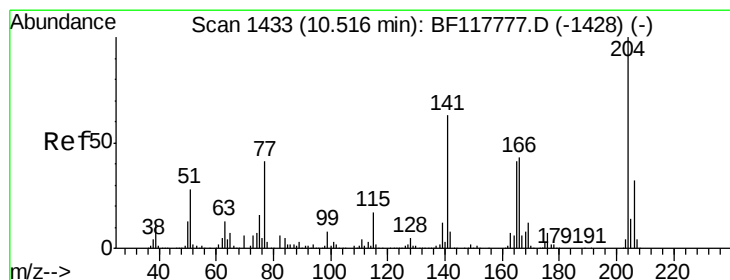
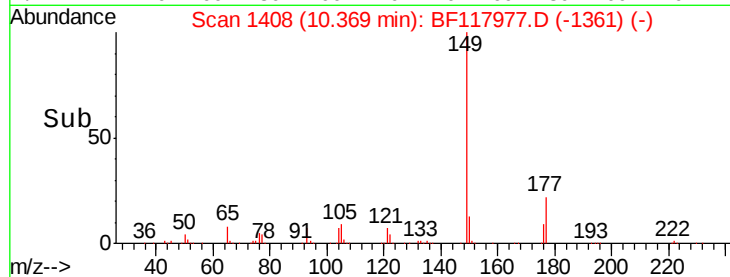
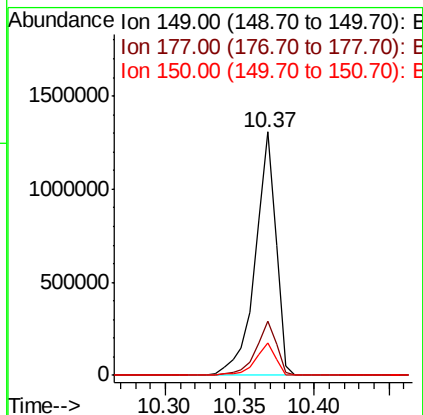
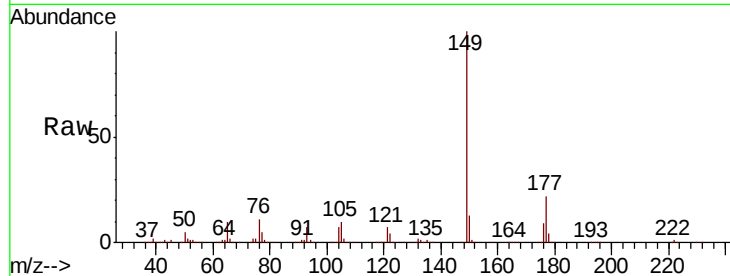




#60  
Diethylphthalate  
Concen: 42.157 ng  
RT: 10.37 min Scan# 1408  
Delta R.T. -0.02 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

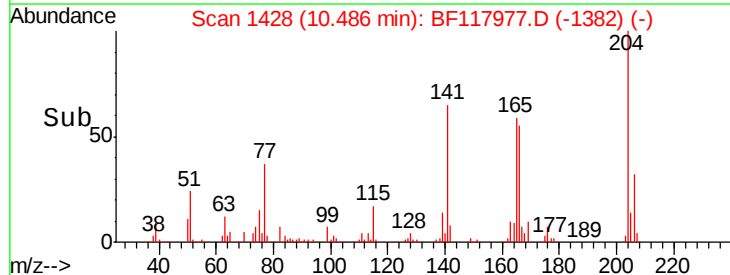
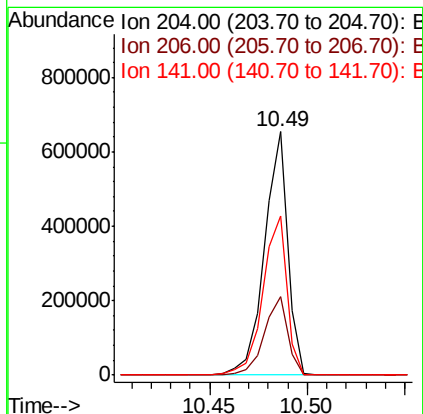
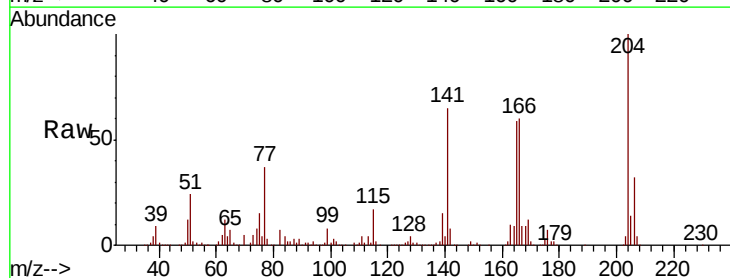
Instrument :  
BNA\_F  
ClientSampleId :

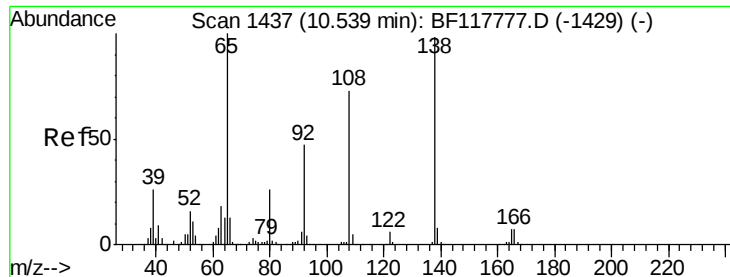
Tot Ion:149 Resp: 1240650  
Ion Ratio Lower Upper  
149 100  
177 22.0 18.0 27.0  
150 13.1 10.5 15.7



#61  
4-Chlorophenyl-phenylether  
Concen: 40.538 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. -0.03 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Tgt Ion:204 Resp: 541693  
Ion Ratio Lower Upper  
204 100  
206 32.2 25.6 38.4  
141 65.1 50.7 76.1

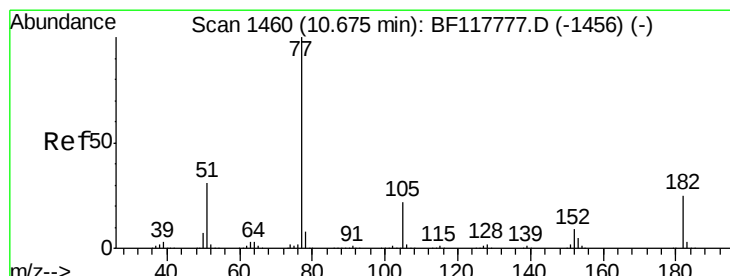
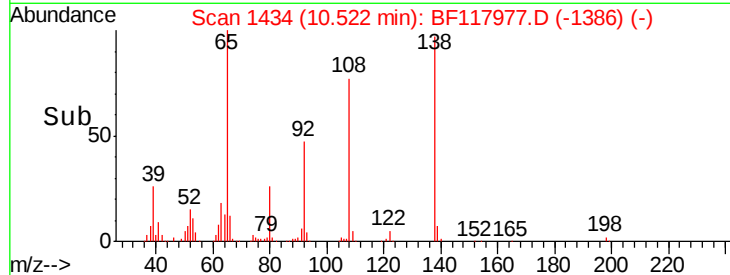
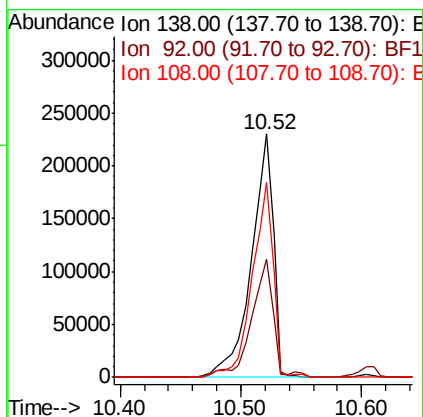
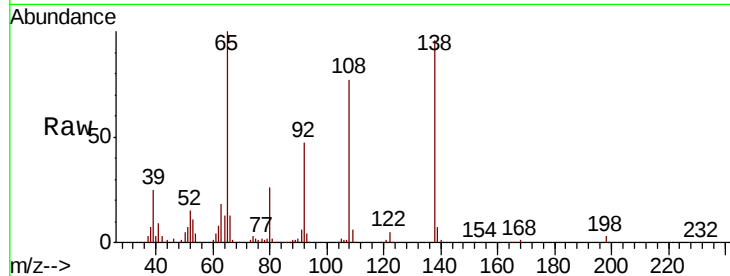




#62  
4-Nitroaniline  
Concen: 37.282 ng  
RT: 10.52 min Scan# 1434  
Delta R.T. -0.02 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

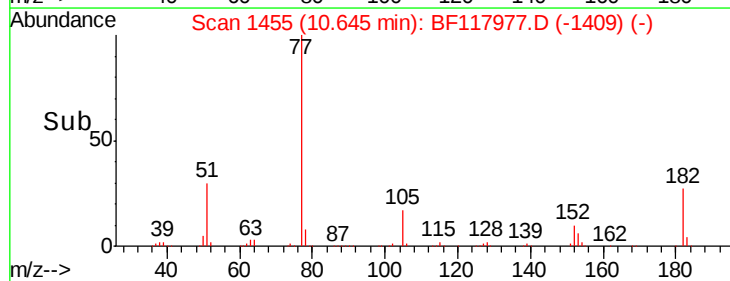
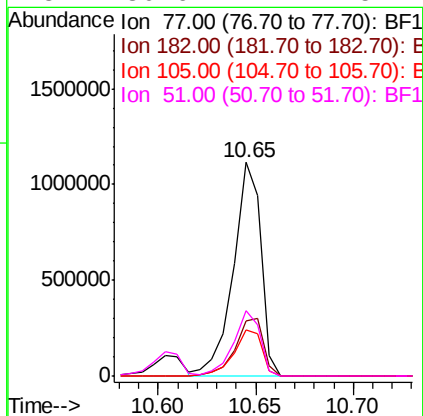
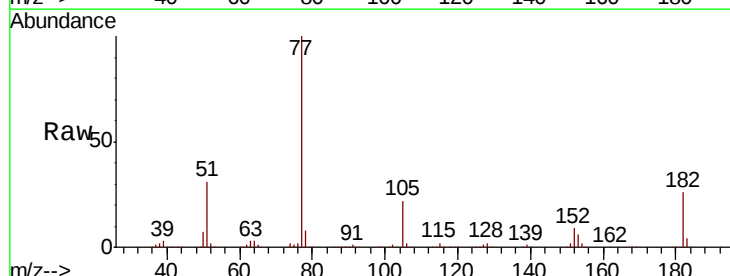
Instrument :  
BNA\_F  
ClientSampleId :

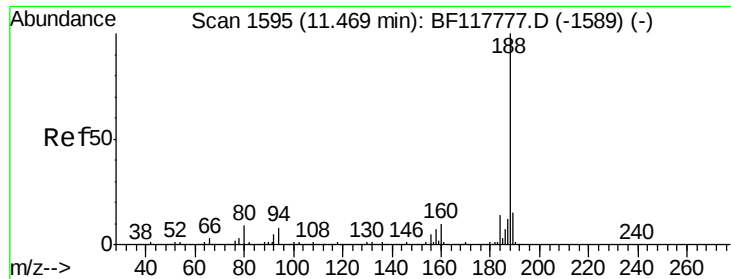
Tot Ion:138 Resp: 294680  
Ion Ratio Lower Upper  
138 100  
92 48.7 28.3 68.3  
108 80.0 54.3 94.3



#63  
Azobenzene  
Concen: 40.845 ng  
RT: 10.65 min Scan# 1455  
Delta R.T. -0.03 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Tgt Ion: 77 Resp: 1093568  
Ion Ratio Lower Upper  
77 100  
182 26.1 4.8 44.8  
105 21.8 2.1 42.1  
51 30.6 11.4 51.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.04 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

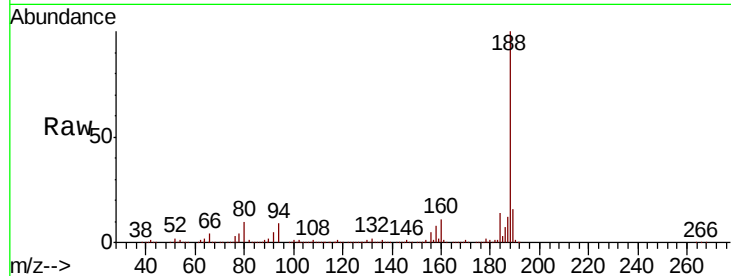
Tot Ion:188 Resp: 805261

Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

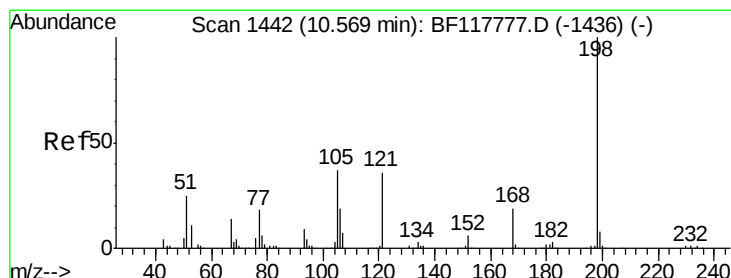
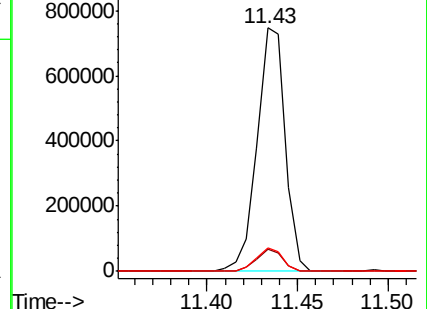
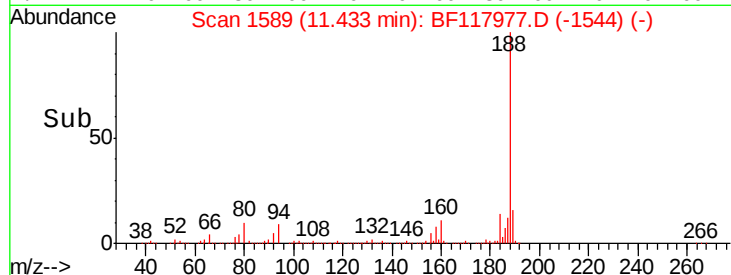
80 9.9 7.2 10.8



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: 53.653 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

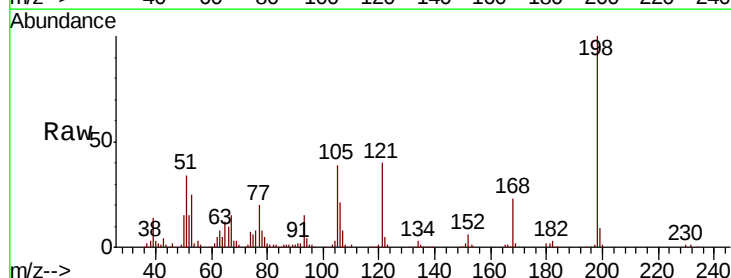
Tgt Ion:198 Resp: 201693

Ion Ratio Lower Upper

198 100

51 34.0 16.0 56.0

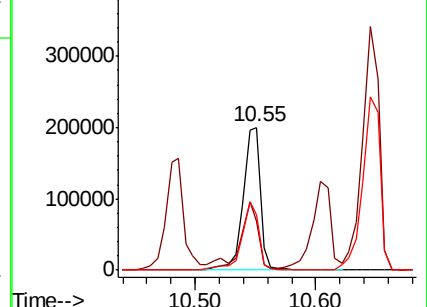
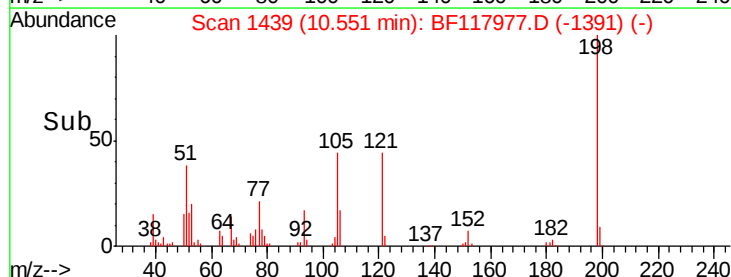
105 39.2 19.1 59.1

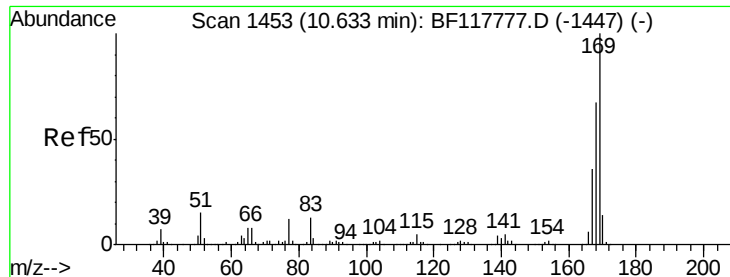


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

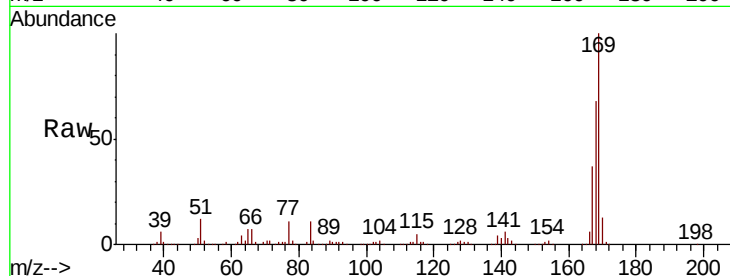




#66  
 n-Nitrosodiphenylamine  
 Concen: 42.145 ng  
 RT: 10.61 min Scan# 1449  
 Delta R.T. -0.02 min  
 Lab File: BF117977.D  
 Acq: 25 Nov 2019 20:29

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion   | 169  | Resp  | 987692 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 168       | 68.1 | 53.5  | 80.3   |
| 167       | 36.7 | 29.0  | 43.4   |

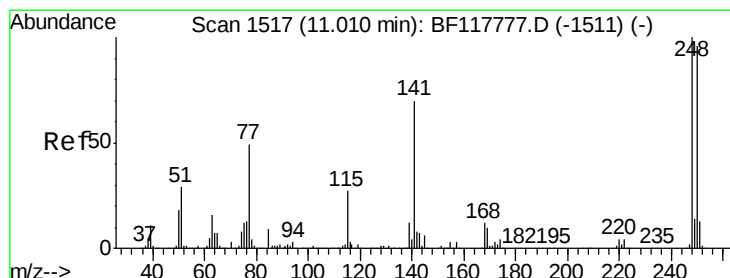
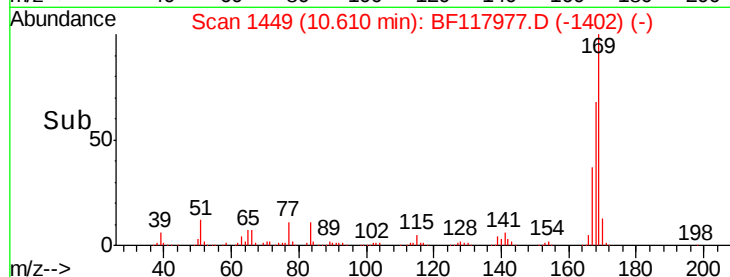
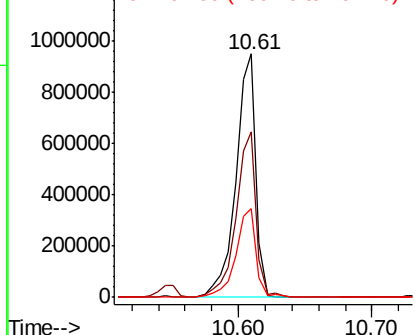


Abundance

Ion 169.00 (168.70 to 169.70): E

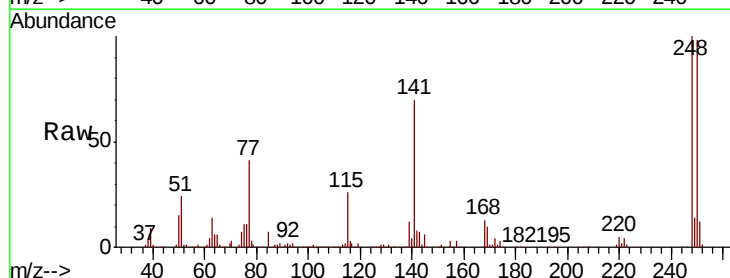
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67  
 4-Bromophenyl-phenylether  
 Concen: 40.615 ng  
 RT: 10.98 min Scan# 1512  
 Delta R.T. -0.03 min  
 Lab File: BF117977.D  
 Acq: 25 Nov 2019 20:29

| Tgt Ion   | 248  | Resp  | 352892 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 250       | 98.4 | 76.6  | 115.0  |
| 141       | 70.3 | 55.9  | 83.9   |

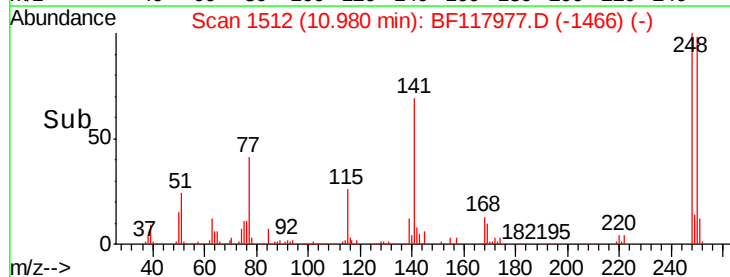
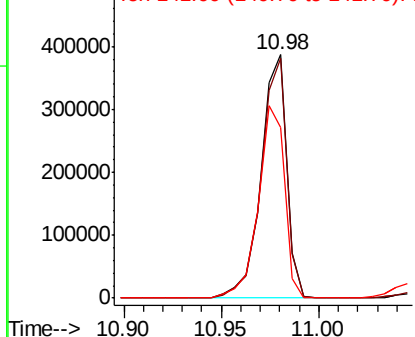


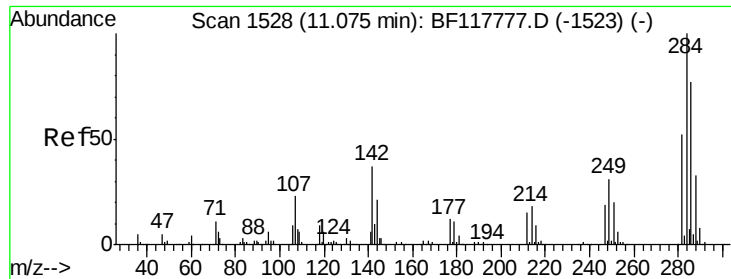
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

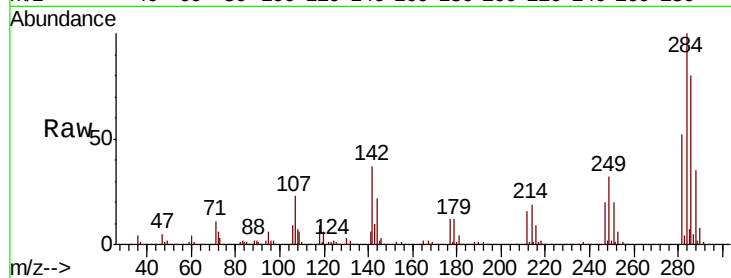




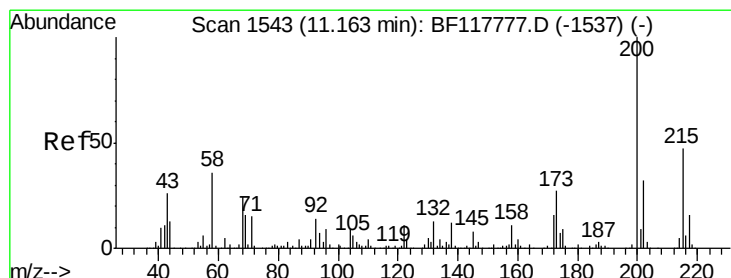
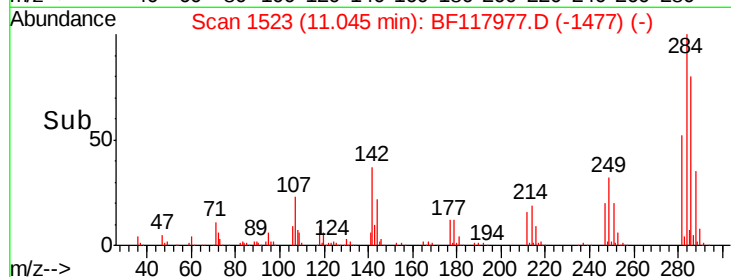
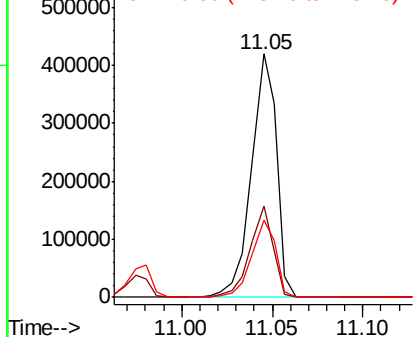
#68  
Hexachlorobenzene  
Concen: 39.831 ng  
RT: 11.05 min Scan# 1523  
Delta R.T. -0.03 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 37.2  | 29.4  | 44.2  |
| 249     | 31.7  | 24.6  | 37.0  |

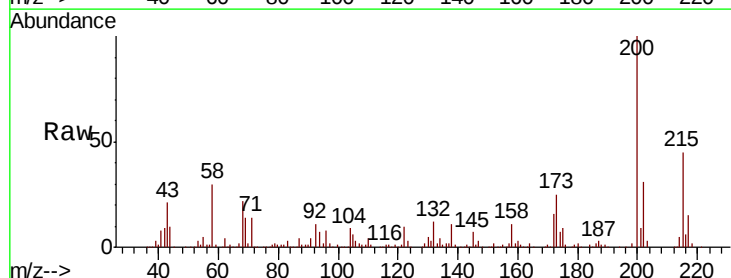


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

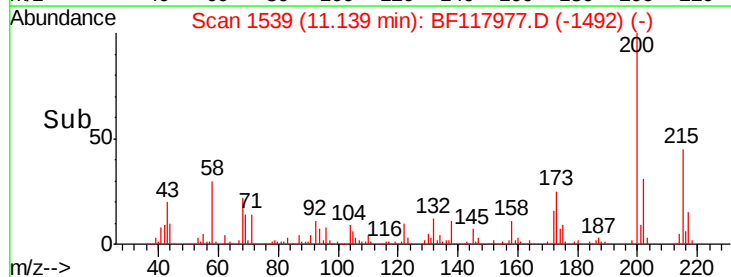
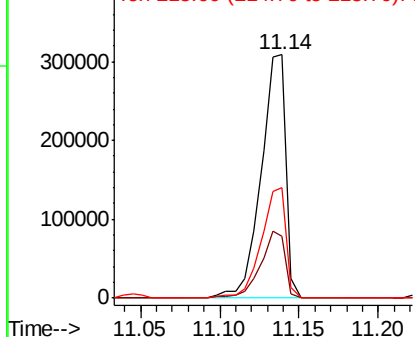


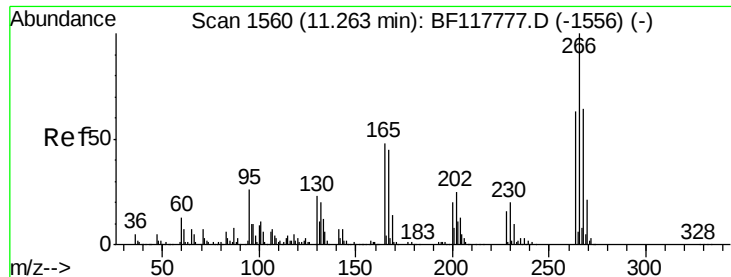
#69  
Atrazine  
Concen: 43.967 ng  
RT: 11.14 min Scan# 1539  
Delta R.T. -0.02 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.4  | 6.7   | 46.7  |
| 215     | 45.4  | 27.5  | 67.5  |



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

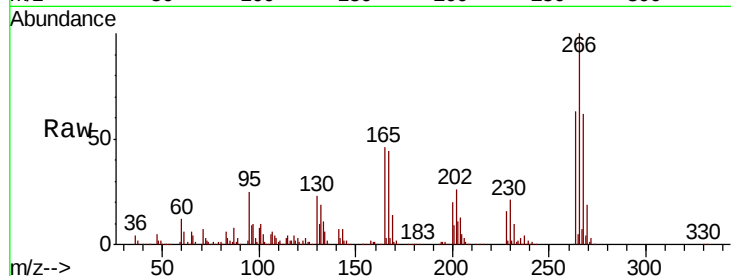




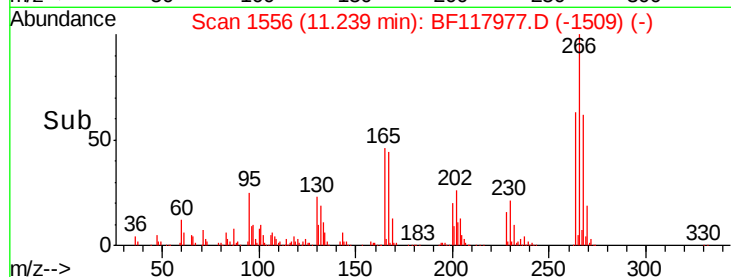
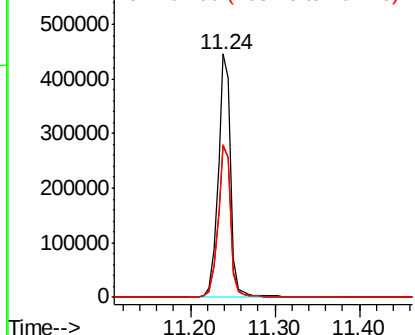
#70  
 Pentachlorophenol  
 Concen: 79.967 ng  
 RT: 11.24 min Scan# 1556  
 Delta R.T. -0.02 min  
 Lab File: BF117977.D  
 Acq: 25 Nov 2019 20:29

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:266 Resp: 473332  
 Ion Ratio Lower Upper  
 266 100  
 268 62.3 50.8 76.2  
 264 62.6 50.7 76.1

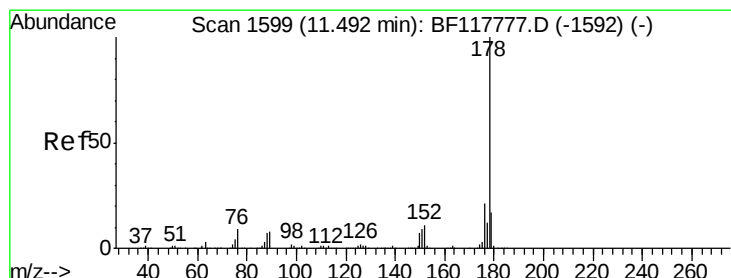


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

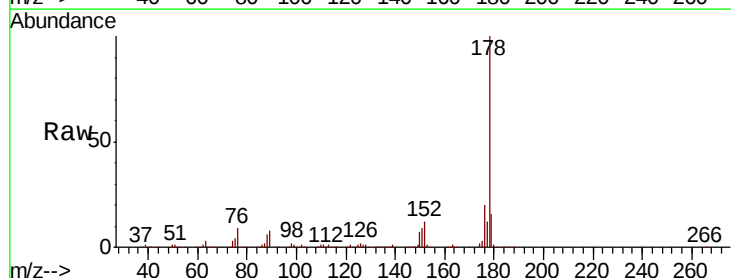
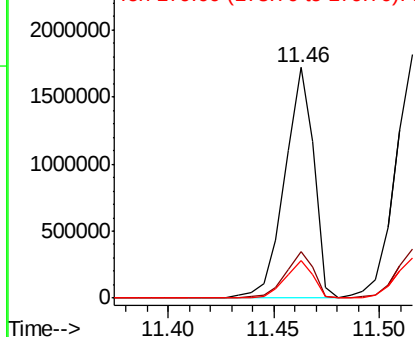


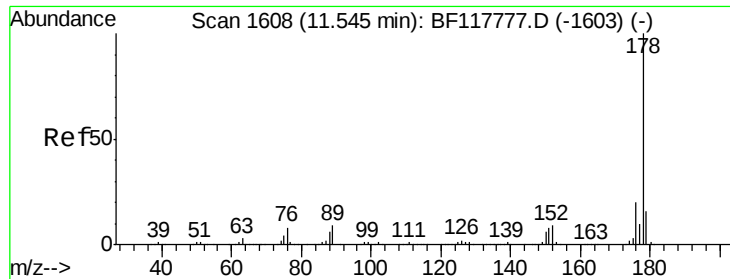
#71  
 Phenanthrene  
 Concen: 40.810 ng  
 RT: 11.46 min Scan# 1594  
 Delta R.T. -0.03 min  
 Lab File: BF117977.D  
 Acq: 25 Nov 2019 20:29

Tgt Ion:178 Resp: 1652237  
 Ion Ratio Lower Upper  
 178 100  
 176 20.1 16.6 25.0  
 179 16.3 13.2 19.8



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



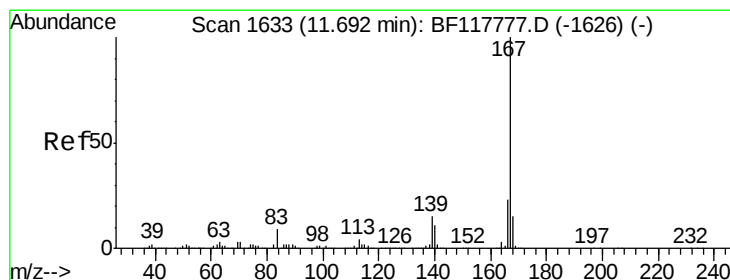
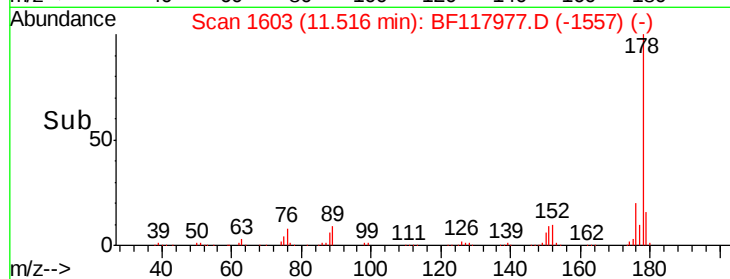
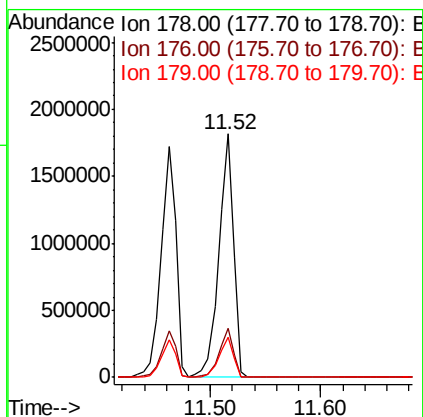
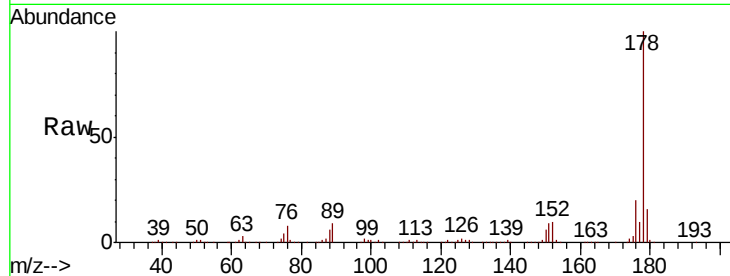


#72  
 Anthracene  
 Concen: 41.795 ng  
 RT: 11.52 min Scan# 1603  
 Delta R.T. -0.03 min  
 Lab File: BF117977.D  
 Acq: 25 Nov 2019 20:29

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:178 Resp: 1677684  

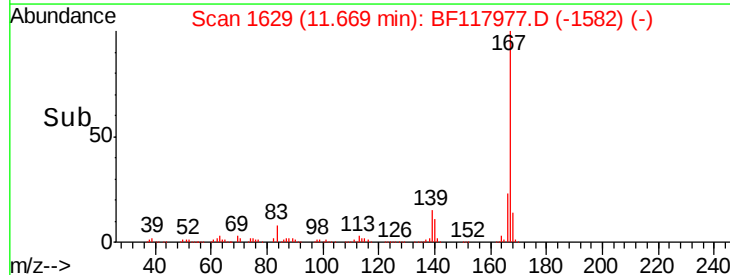
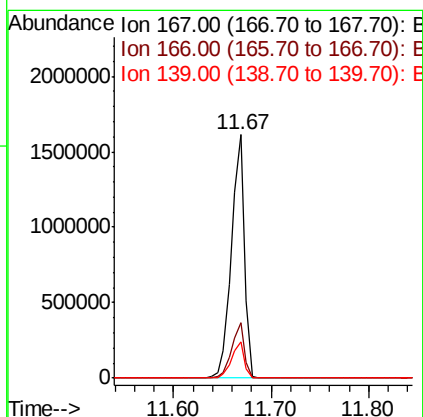
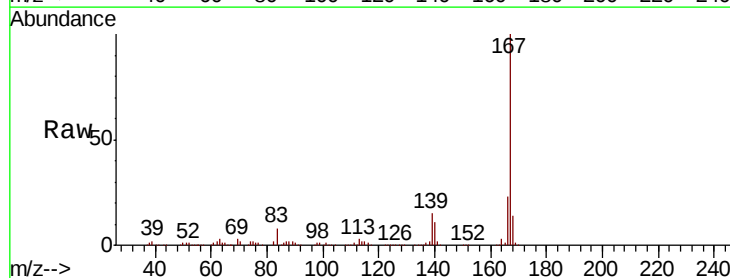
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.1  | 16.1  | 24.1  |
| 179 | 16.4  | 13.0  | 19.4  |

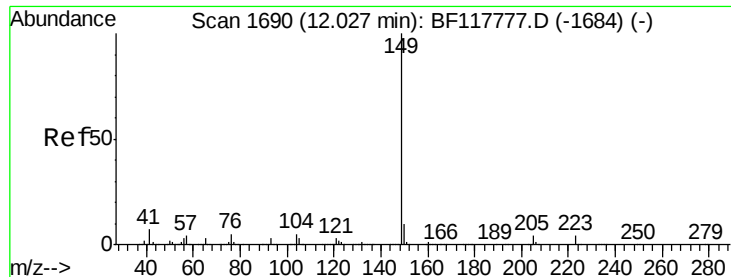


#73  
 Carbazole  
 Concen: 42.734 ng  
 RT: 11.67 min Scan# 1629  
 Delta R.T. -0.02 min  
 Lab File: BF117977.D  
 Acq: 25 Nov 2019 20:29

Tgt Ion:167 Resp: 1498980  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.8  | 18.0  | 27.0  |
| 139 | 14.8  | 11.7  | 17.5  |





#74

Di-n-butylphthalate

Concen: 43.959 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

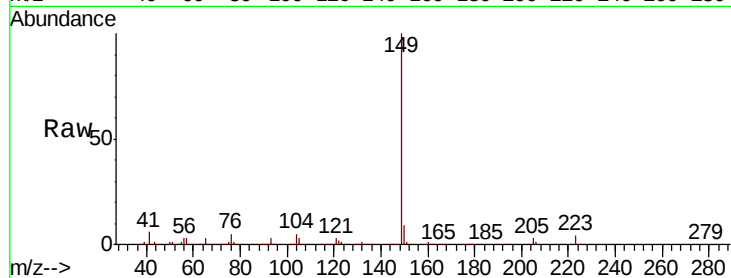
Tot Ion:149 Resp: 1919884

Ion Ratio Lower Upper

149 100

150 9.5 7.9 11.9

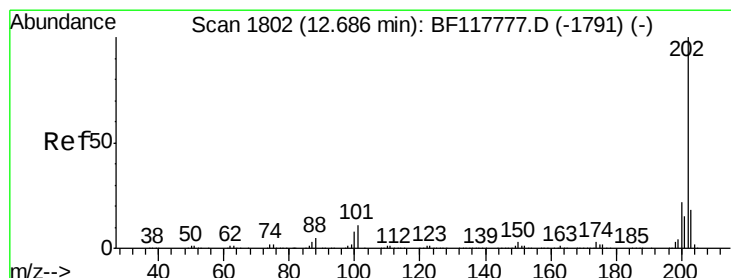
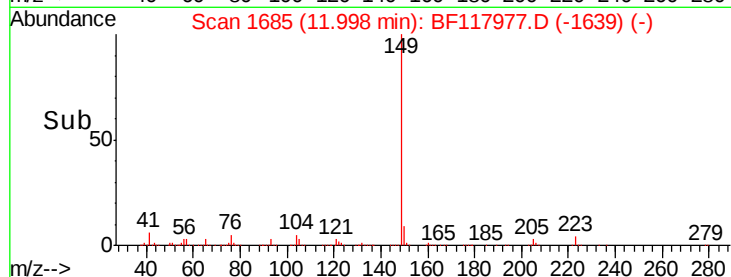
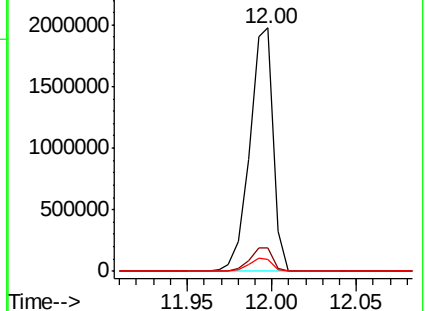
104 5.1 4.2 6.4



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: 46.652 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.03 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

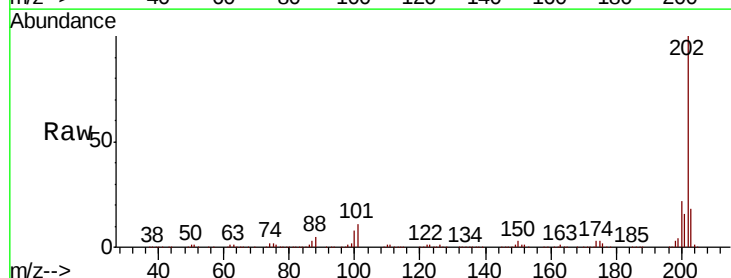
Tgt Ion:202 Resp: 1709758

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.1

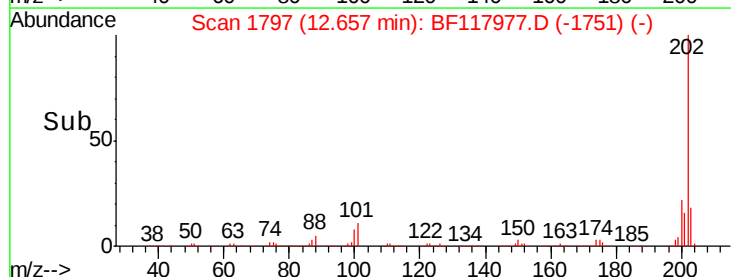
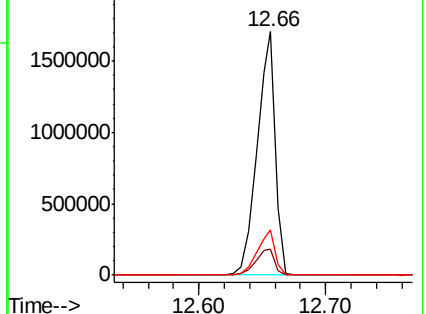
203 18.3 0.0 38.2

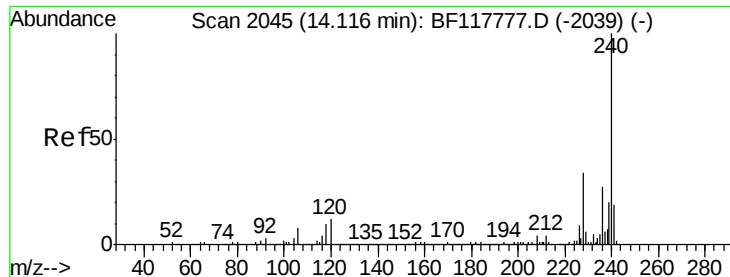


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

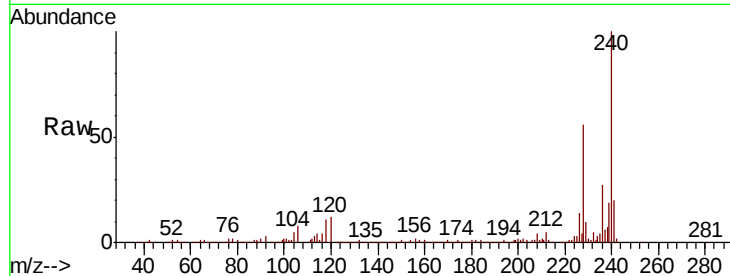




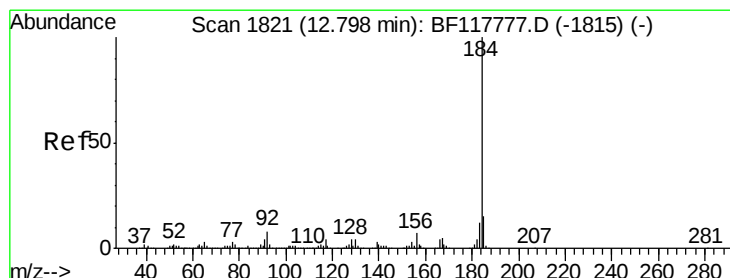
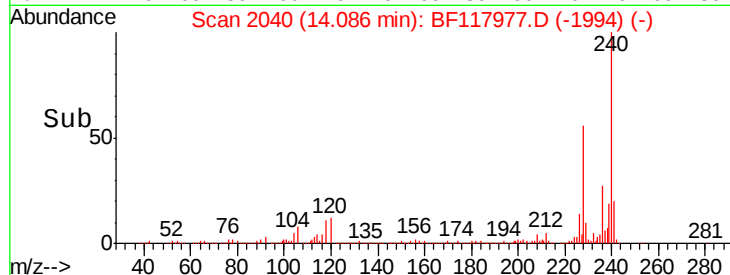
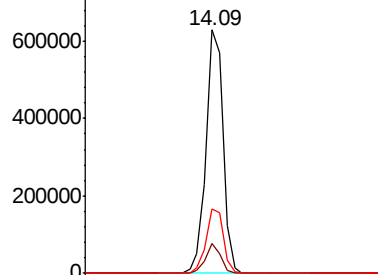
#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 14.09 min Scan# 2040  
 Delta R.T. -0.03 min  
 Lab File: BF117977.D  
 Acq: 25 Nov 2019 20:29

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:240 Resp: 576092  
 Ion Ratio Lower Upper  
 240 100  
 120 12.1 9.5 14.3  
 236 26.7 21.3 31.9

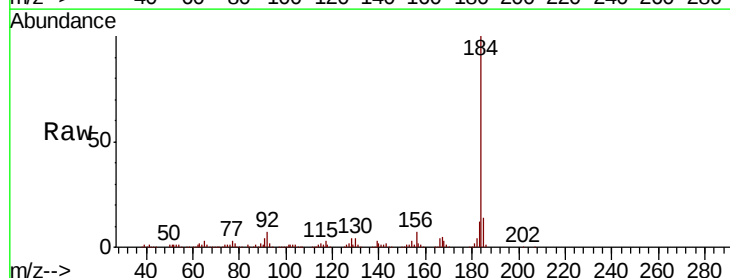


Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E

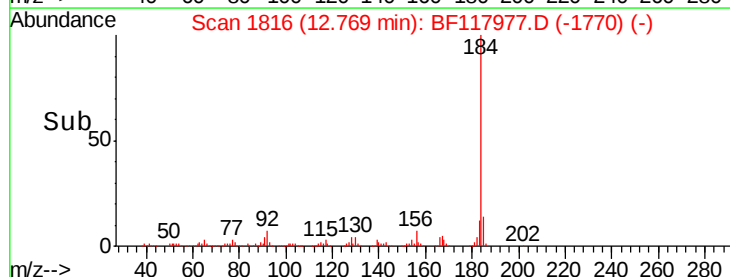
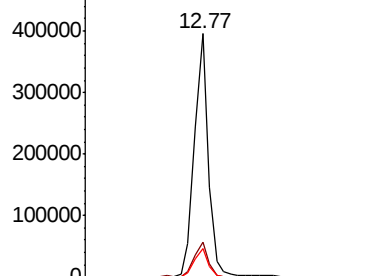


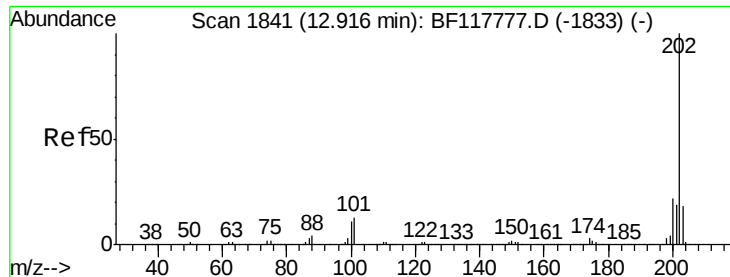
#77  
 Benzidine  
 Concen: 16.953 ng  
 RT: 12.77 min Scan# 1816  
 Delta R.T. -0.03 min  
 Lab File: BF117977.D  
 Acq: 25 Nov 2019 20:29

Tgt Ion:184 Resp: 319913  
 Ion Ratio Lower Upper  
 184 100  
 185 14.3 12.2 18.4  
 183 11.9 9.5 14.3



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

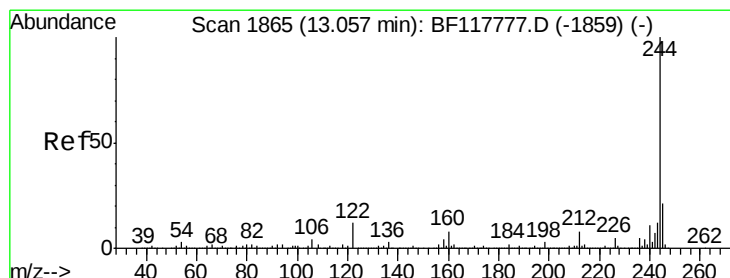
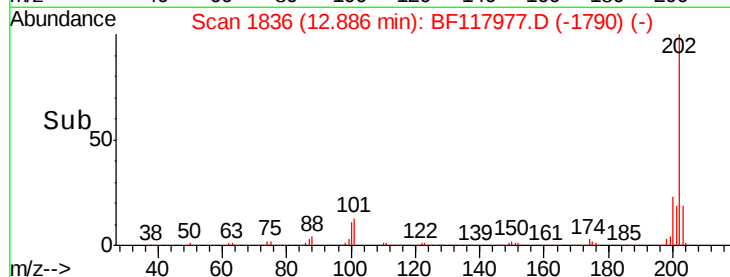
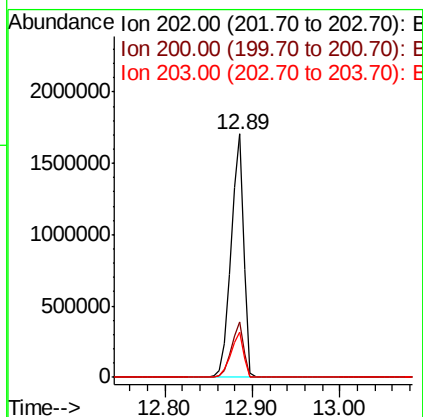
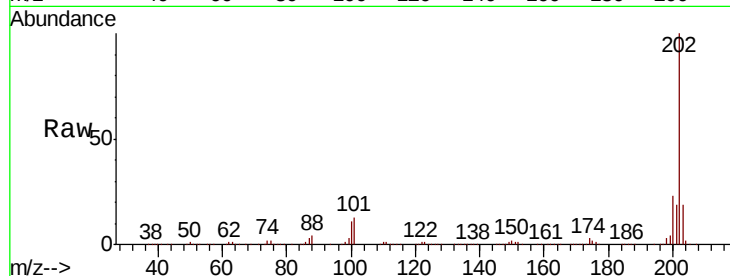




#78  
Pvrene  
Concen: 36.799 ng  
RT: 12.89 min Scan# 1836  
Delta R.T. -0.03 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

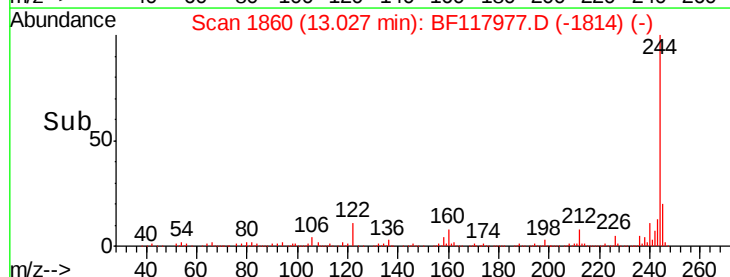
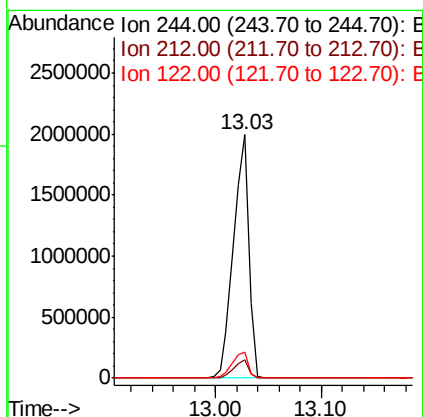
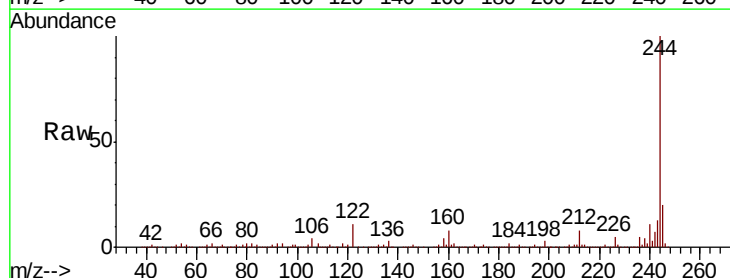
Instrument :  
BNA\_F  
ClientSampleId :

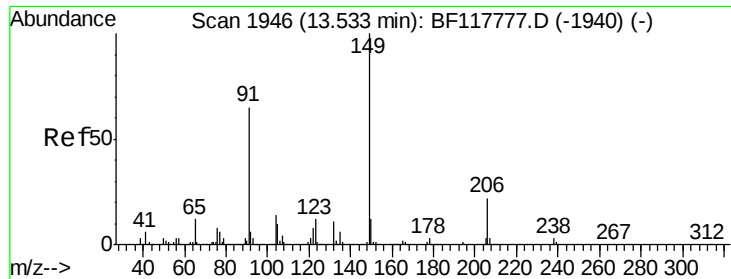
Tot Ion:202 Resp: 1713238  
Ion Ratio Lower Upper  
202 100  
200 22.9 17.8 26.8  
203 18.6 14.6 22.0



#79  
Terphenyl-d14  
Concen: 63.190 ng  
RT: 13.03 min Scan# 1860  
Delta R.T. -0.03 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Tgt Ion:244 Resp: 1991865  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.3 9.5  
122 10.9 9.4 14.2

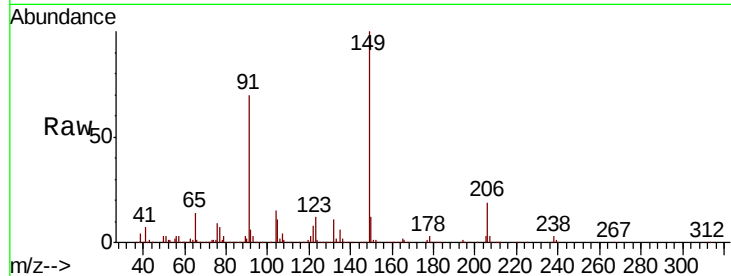




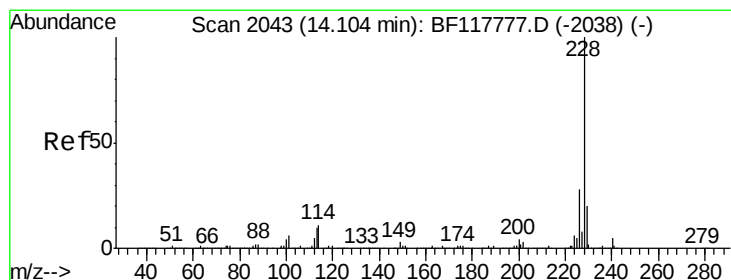
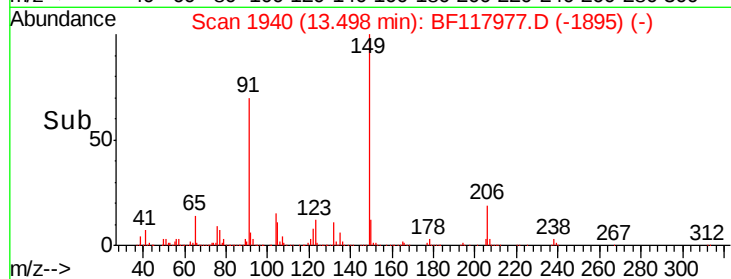
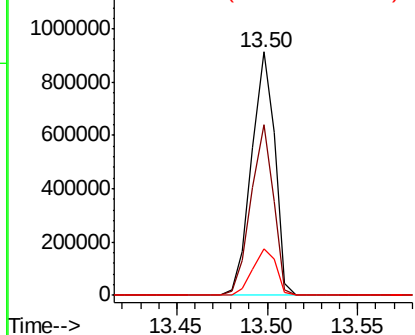
#80  
Butylbenzylphthalate  
Concen: 40.843 ng  
RT: 13.50 min Scan# 1940  
Delta R.T. -0.04 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:149 Resp: 816701  
Ion Ratio Lower Upper  
149 100  
91 70.2 51.9 77.9  
206 19.0 17.2 25.8

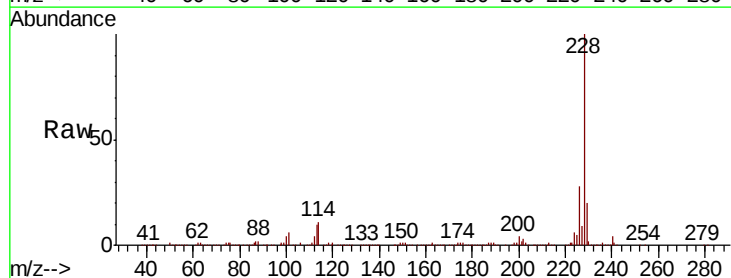


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF1  
Ion 206.00 (205.70 to 206.70): E

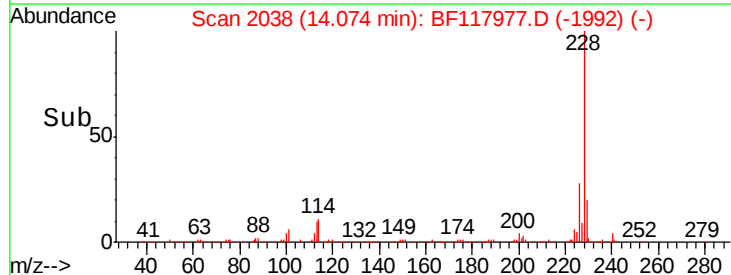
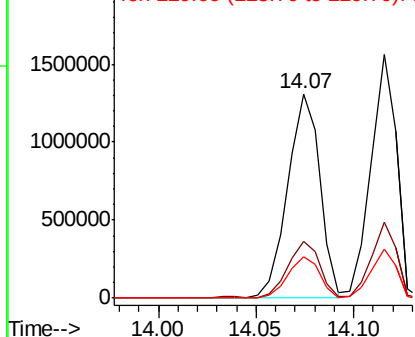


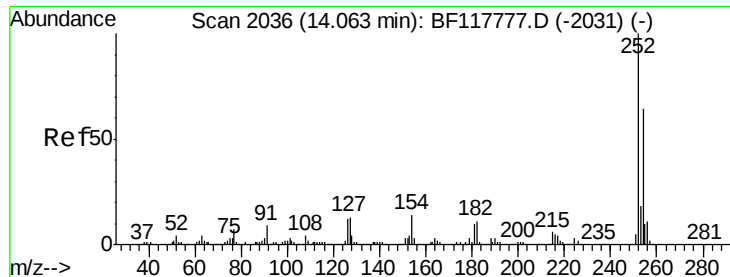
#81  
Benzo(a)anthracene  
Concen: 39.299 ng  
RT: 14.07 min Scan# 2038  
Delta R.T. -0.03 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Tgt Ion:228 Resp: 1496083  
Ion Ratio Lower Upper  
228 100  
226 28.0 22.2 33.2  
229 20.3 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

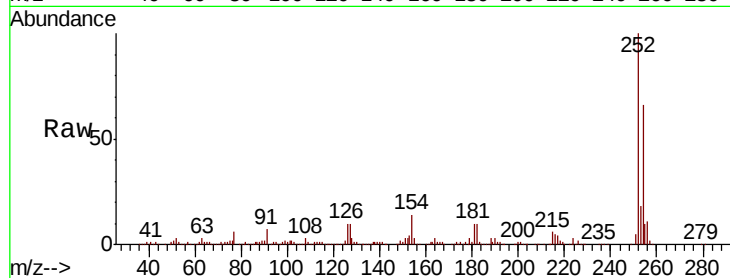




#82  
 3,3'-Dichlorobenzidine  
 Concen: 36.813 ng  
 RT: 14.04 min Scan# 2032  
 Delta R.T. -0.02 min  
 Lab File: BF117977.D  
 Acq: 25 Nov 2019 20:29

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.1  | 51.0  | 76.6  |
| 126     | 10.0  | 9.7   | 14.5  |

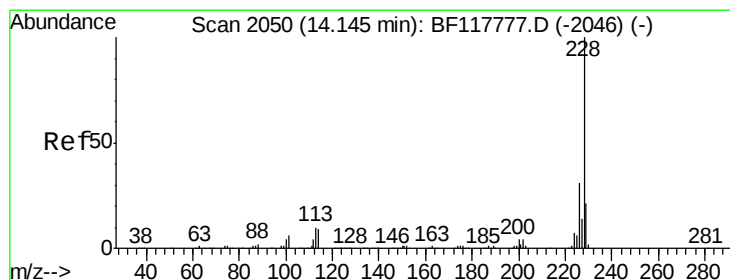
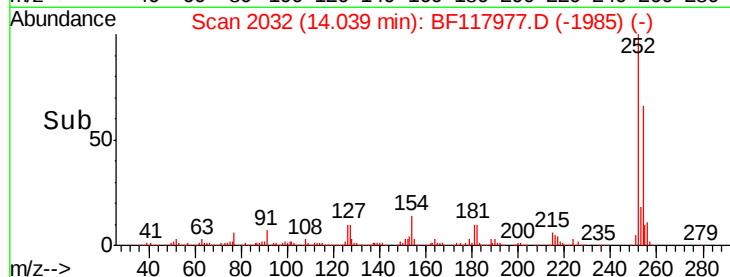
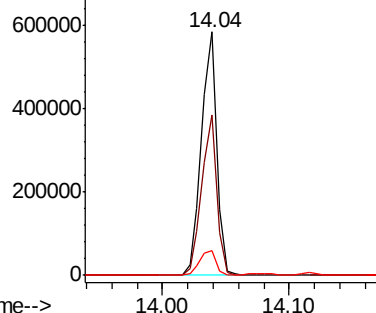


Abundance

Ion 252.00 (251.70 to 252.70): E

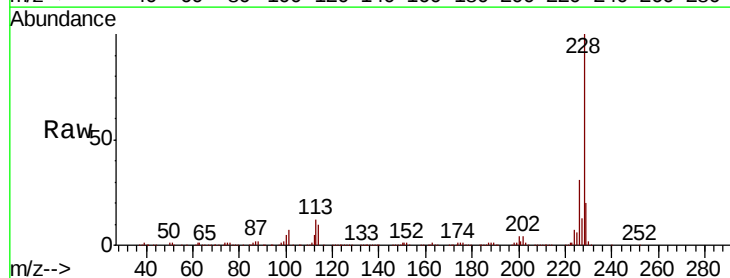
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83  
 Chrysene  
 Concen: 38.703 ng  
 RT: 14.12 min Scan# 2045  
 Delta R.T. -0.03 min  
 Lab File: BF117977.D  
 Acq: 25 Nov 2019 20:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.0  | 25.0  | 37.4  |
| 229     | 20.3  | 16.6  | 25.0  |

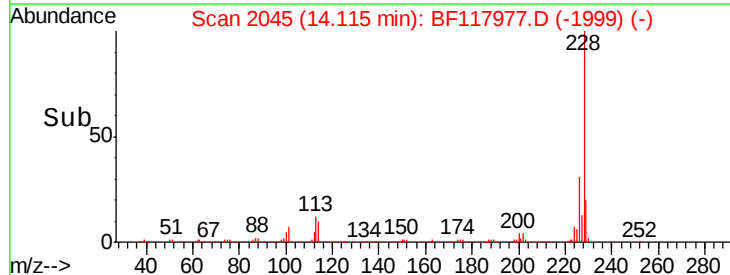
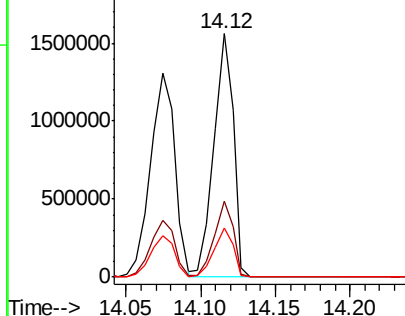


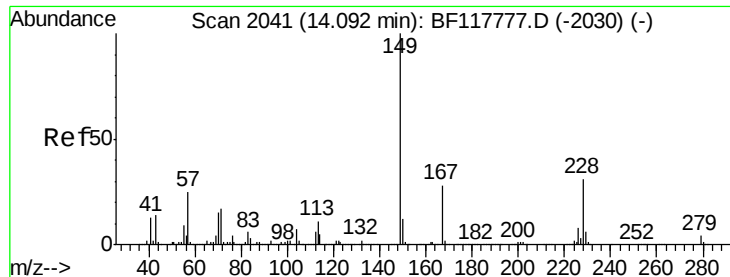
Abundance

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: 46.883 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.04 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

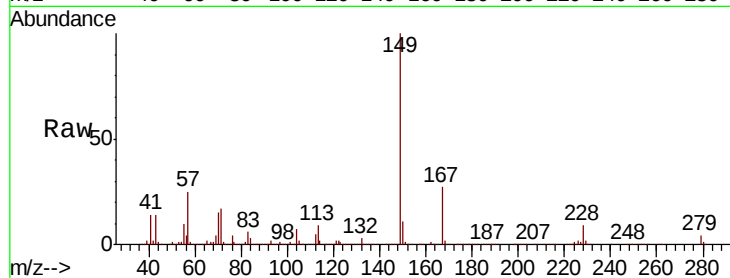
Tot Ion:149 Resp: 1136564

Ion Ratio Lower Upper

149 100

167 26.5 22.2 33.2

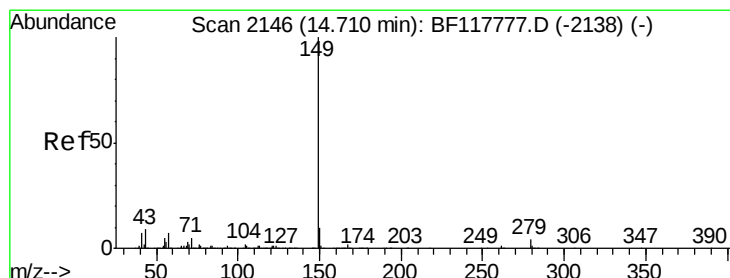
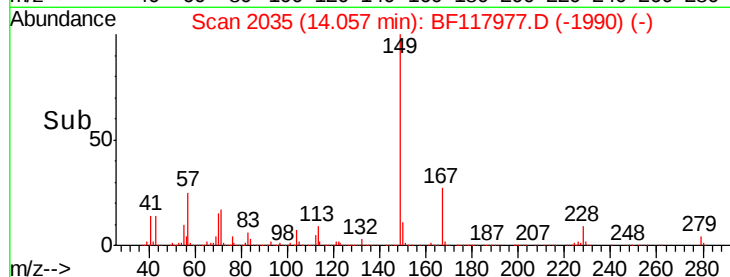
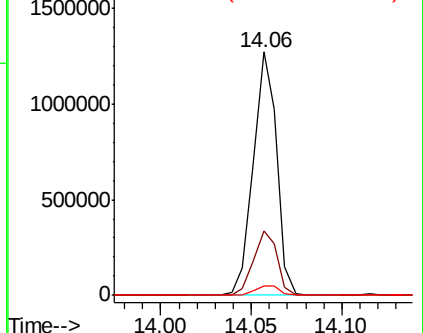
279 4.0 3.4 5.2



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: 51.574 ng

RT: 14.67 min Scan# 2140

Delta R.T. -0.04 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

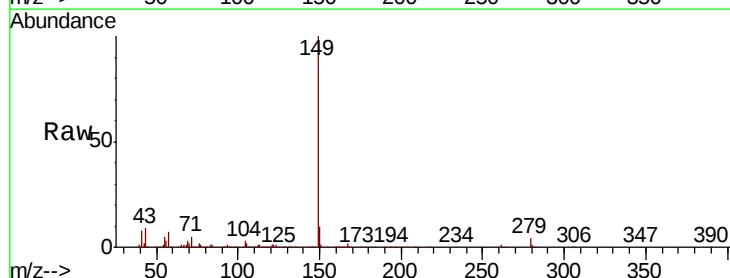
Tgt Ion:149 Resp: 1836788

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

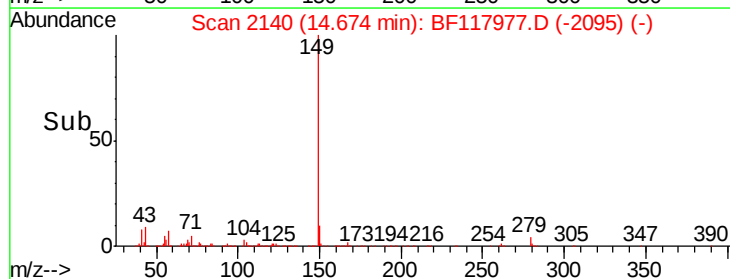
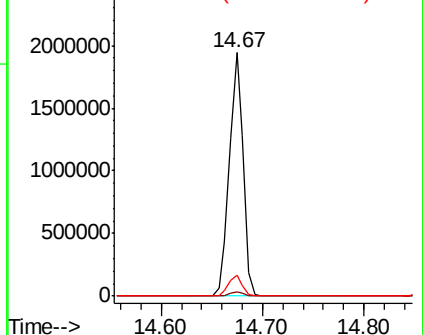
43 8.6 7.4 11.2

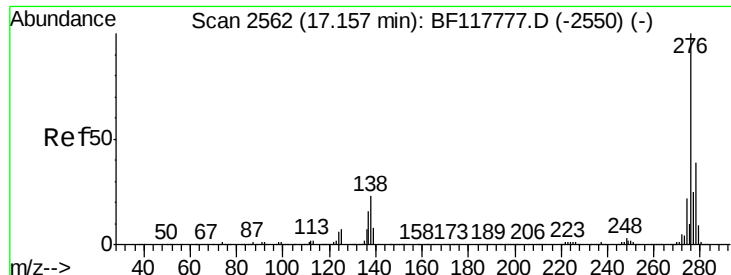


Abundance Ion 149.00 (148.70 to 149.70): E

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: 35.620 ng

RT: 17.10 min Scan# 2553

Delta R.T. -0.05 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

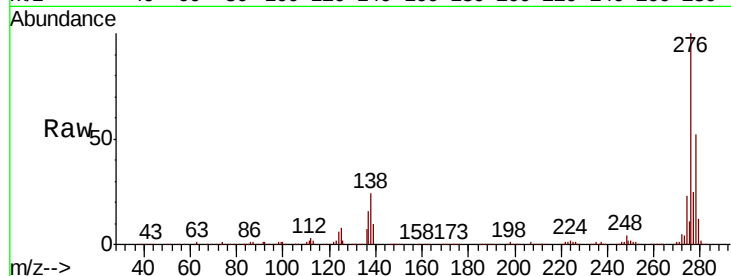
Tot Ion:276 Resp: 1118334

Ion Ratio Lower Upper

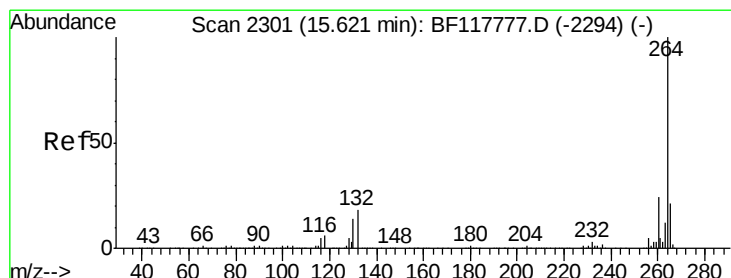
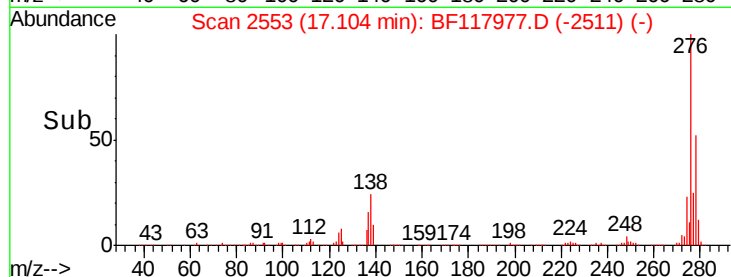
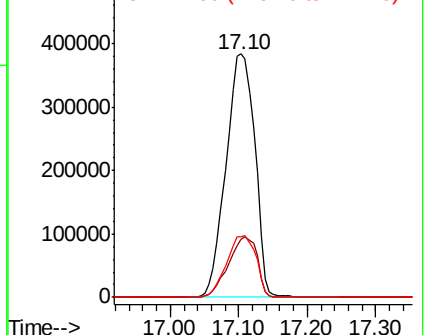
276 100

138 24.8 20.9 31.3

277 26.0 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. -0.04 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

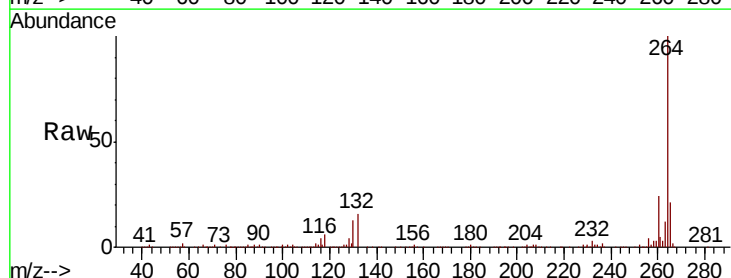
Tgt Ion:264 Resp: 409734

Ion Ratio Lower Upper

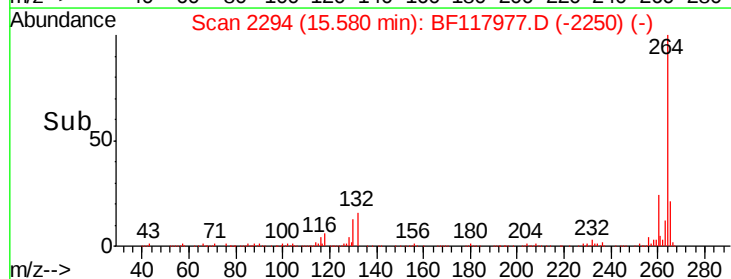
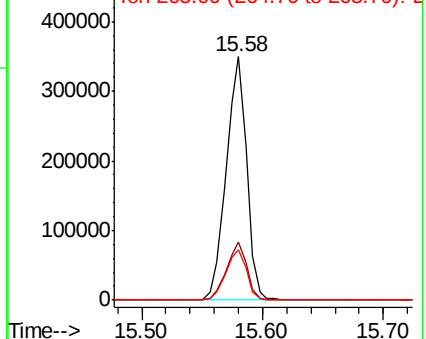
264 100

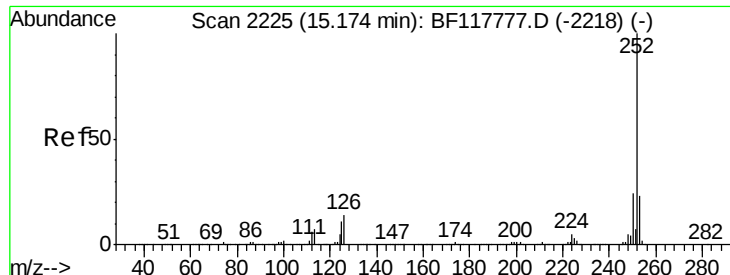
260 23.7 19.4 29.0

265 20.6 17.1 25.7



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

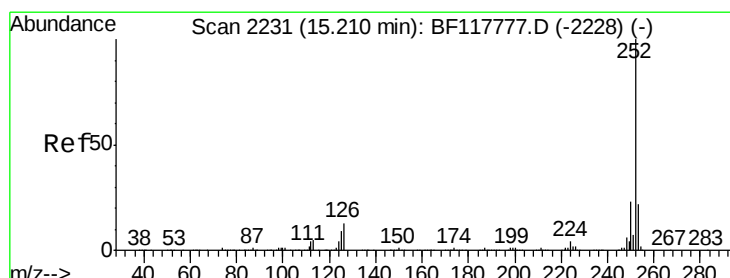
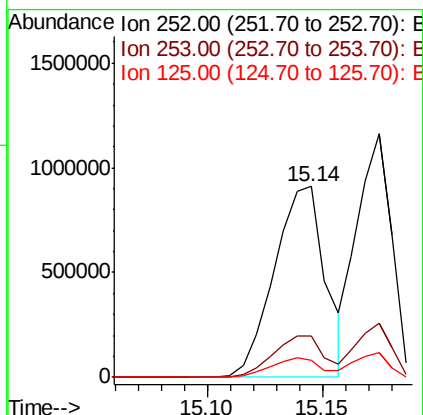
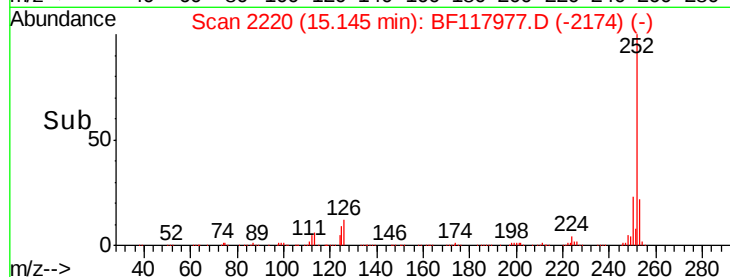
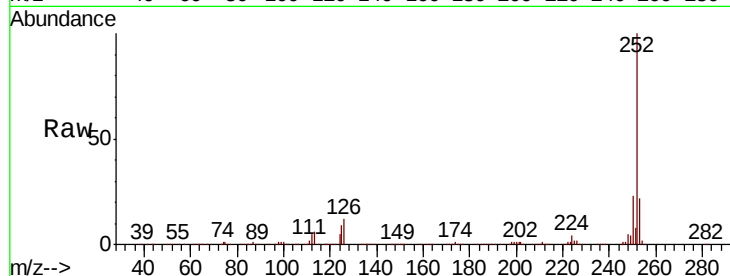




#88  
Benzo(b)fluoranthene  
Concen: 52.706 ng  
RT: 15.14 min Scan# 2220  
Delta R.T. -0.03 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

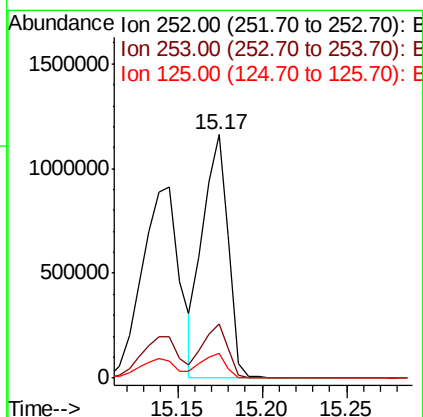
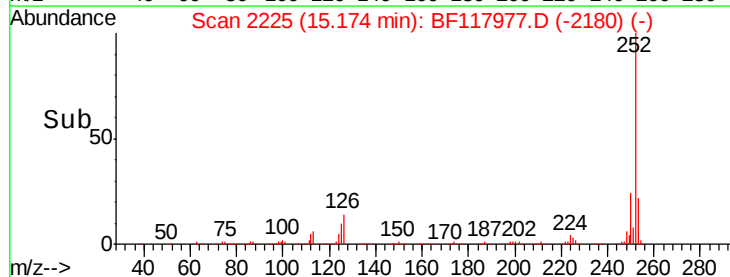
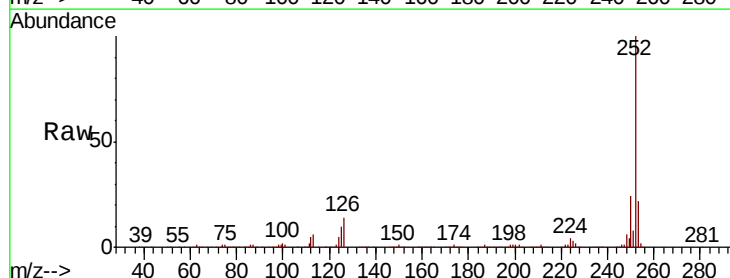
Instrument :  
BNA\_F  
ClientSampleId :

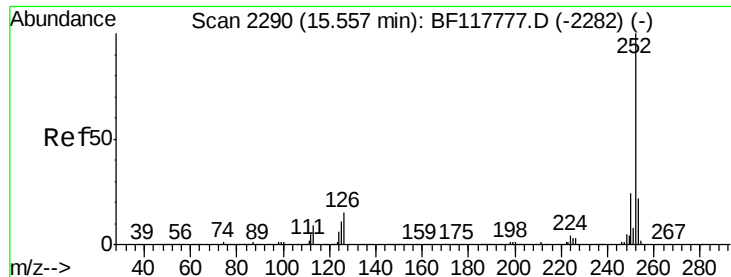
Tot Ion:252 Resp: 1403067  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.0 27.0  
125 8.9 8.6 13.0



#89  
Benzo(k)fluoranthene  
Concen: 48.489 ng  
RT: 15.17 min Scan# 2225  
Delta R.T. -0.04 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Tgt Ion:252 Resp: 1216235  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.5 26.3  
125 10.2 7.9 11.9

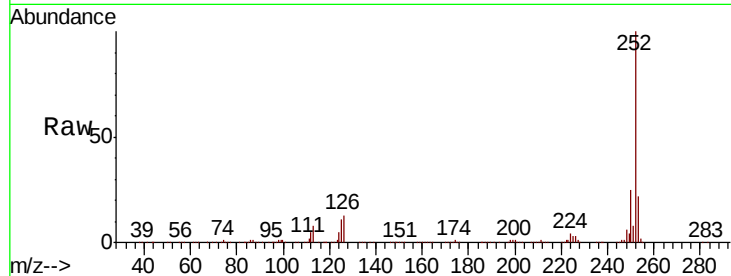




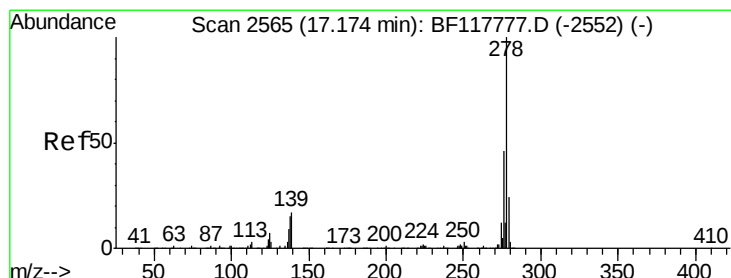
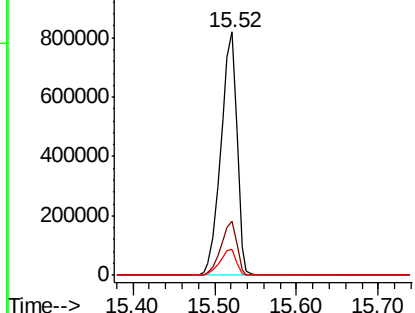
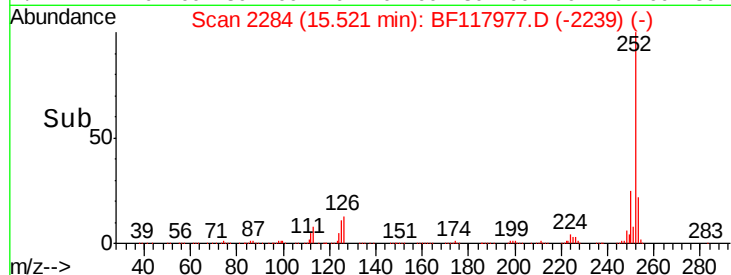
#90  
Benzo(a)pyrene  
Concen: 47.971 ng  
RT: 15.52 min Scan# 2284  
Delta R.T. -0.04 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:252 Resp: 1122941  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.6  
125 10.9 9.2 13.8

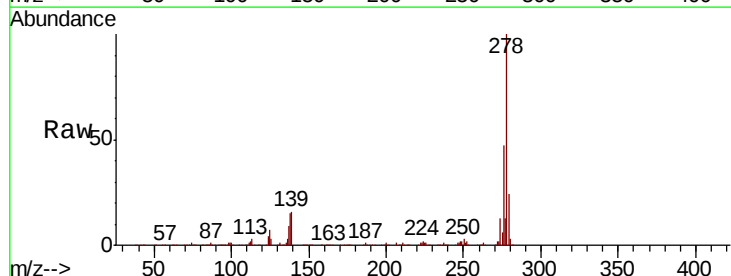


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

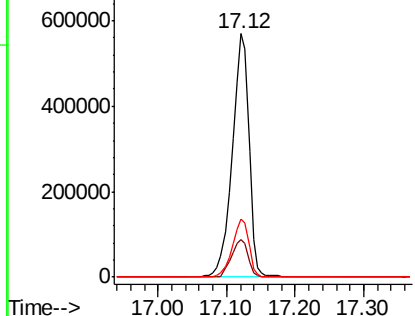
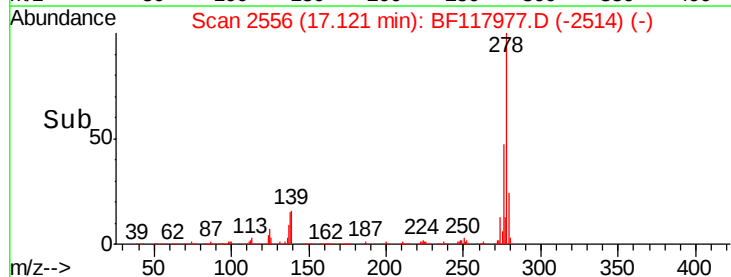


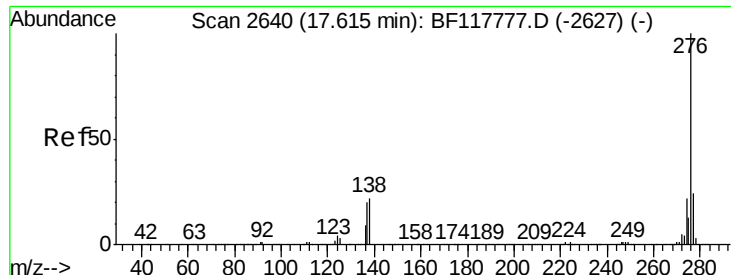
#91  
Dibenzo(a,h)anthracene  
Concen: 47.795 ng  
RT: 17.12 min Scan# 2556  
Delta R.T. -0.05 min  
Lab File: BF117977.D  
Acq: 25 Nov 2019 20:29

Tgt Ion:278 Resp: 962977  
Ion Ratio Lower Upper  
278 100  
139 15.6 13.8 20.8  
279 23.6 19.6 29.4



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





#92

Benzo(a,h,i)perylene

Concen: 45.121 ng

RT: 17.57 min Scan# 2632

Delta R.T. -0.05 min

Lab File: BF117977.D

Acq: 25 Nov 2019 20:29

Instrument :

BNA\_F

ClientSampleId :

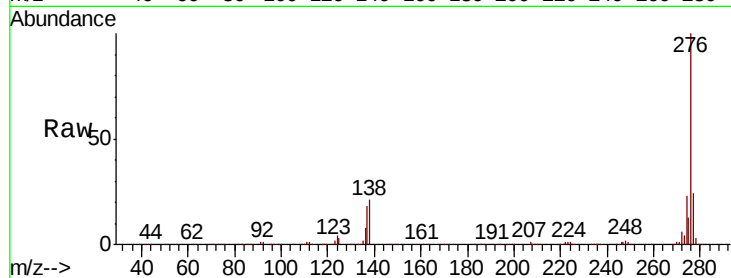
Tot Ion:276 Resp: 905501

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 21.1 17.4 26.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

