

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\  
 Data File : BF118178.D  
 Acq On : 13 Dec 2019 10:41  
 Operator : JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Dec 13 17:30:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 06 17:34:43 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.87  | 152  | 146321   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.16  | 136  | 561093   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.92  | 164  | 300351   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.41 | 188  | 562336   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.07 | 240  | 388149   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.56 | 264  | 338782   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.49  | 112 | 632197  | 75.67 | ng | 0.00 |
| 7) Phenol-d6                | 6.50  | 99  | 769811  | 76.18 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.44  | 82  | 751595  | 75.36 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.72 | 330 | 283792  | 77.78 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.24  | 172 | 1538798 | 77.96 | ng | 0.00 |
| 79) Terphenyl-d14           | 13.00 | 244 | 1788291 | 79.23 | ng | 0.00 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.63 | 88  | 128620  | 36.513 | ng | 99   |
| 3) Pyridine                    | 3.39 | 79  | 331719  | 36.500 | ng | 98   |
| 4) n-Nitrosodimethylamine      | 3.35 | 42  | 143688  | 36.752 | ng | 100  |
| 6) Aniline                     | 6.53 | 93  | 482987  | 37.367 | ng | 98   |
| 8) 2-Chlorophenol              | 6.66 | 128 | 361834  | 38.411 | ng | 97   |
| 9) Benzaldehyde                | 6.42 | 77  | 203492  | 38.254 | ng | 95   |
| 10) Phenol                     | 6.52 | 94  | 435617  | 37.802 | ng | 90   |
| 11) bis(2-Chloroethyl)ether    | 6.60 | 93  | 318235  | 38.183 | ng | 98   |
| 12) 1,3-Dichlorobenzene        | 6.81 | 146 | 425844  | 38.698 | ng | 98   |
| 13) 1,4-Dichlorobenzene        | 6.89 | 146 | 432442  | 39.026 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 7.05 | 146 | 404424  | 38.864 | ng | 99   |
| 15) Benzyl Alcohol             | 7.02 | 79  | 303270  | 38.448 | ng | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.15 | 45  | 394100  | 39.328 | ng | 96   |
| 17) 2-Methylphenol             | 7.13 | 107 | 285049  | 38.046 | ng | 98   |
| 18) Hexachloroethane           | 7.39 | 117 | 160256  | 39.249 | ng | 99   |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70  | 243330  | 39.629 | ng | 97   |
| 20) 3+4-Methylphenols          | 7.28 | 107 | 362185  | 38.486 | ng | 91   |
| 22) Acetophenone               | 7.29 | 105 | 510883  | 37.899 | ng | # 93 |
| 24) Nitrobenzene               | 7.46 | 77  | 365347  | 37.284 | ng | 99   |
| 25) Isophorone                 | 7.70 | 82  | 638889  | 37.788 | ng | 99   |
| 26) 2-Nitrophenol              | 7.77 | 139 | 199744  | 38.138 | ng | 96   |
| 27) 2,4-Dimethylphenol         | 7.81 | 122 | 261731  | 37.464 | ng | 99   |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93  | 427688  | 38.712 | ng | 98   |
| 29) 2,4-Dichlorophenol         | 8.02 | 162 | 312921  | 38.422 | ng | 97   |
| 30) 1,2,4-Trichlorobenzene     | 8.10 | 180 | 369235  | 38.794 | ng | 99   |
| 31) Naphthalene                | 8.18 | 128 | 1078946 | 38.289 | ng | 99   |
| 32) Benzoic acid               | 7.95 | 122 | 247805  | 39.285 | ng | 97   |
| 33) 4-Chloroaniline            | 8.23 | 127 | 455232  | 37.414 | ng | 99   |
| 34) Hexachlorobutadiene        | 8.30 | 225 | 224158  | 39.275 | ng | 99   |
| 35) Caprolactam                | 8.61 | 113 | 94388   | 37.581 | ng | 98   |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107 | 324132  | 37.819 | ng | 97   |
| 37) 2-Methylnaphthalene        | 8.87 | 142 | 734660  | 38.509 | ng | 100  |
| 38) 1-Methylnaphthalene        | 8.97 | 142 | 692967  | 38.686 | ng | 100  |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.04 | 216 | 345643  | 37.988 | ng | 100  |

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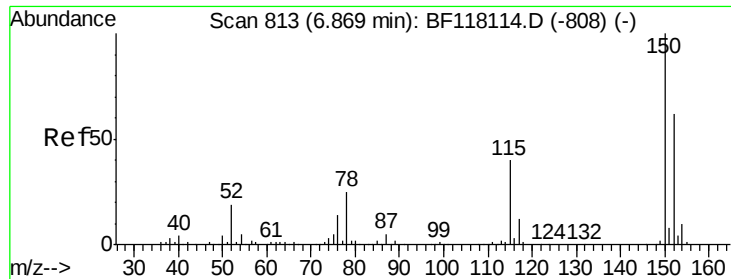
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Dec 13 17:30:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 06 17:34:43 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.03  | 237  | 139522   | 34.225 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.15  | 196  | 228929   | 37.683 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.20  | 196  | 240577   | 38.223 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 9.34  | 154  | 914674   | 38.613 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.36  | 162  | 724545   | 38.024 | ng    | 96       |
| 48) 2-Nitroaniline             | 9.46  | 65   | 203875   | 37.518 | ng    | 99       |
| 49) Acenaphthylene             | 9.78  | 152  | 1073840  | 38.208 | ng    | 99       |
| 50) Dimethylphthalate          | 9.64  | 163  | 853454   | 38.470 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.70  | 165  | 181173   | 37.556 | ng    | 96       |
| 52) Acenaphthene               | 9.96  | 154  | 652293   | 38.025 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.87  | 138  | 213328   | 37.577 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 9.99  | 184  | 89149    | 37.145 | ng    | 92       |
| 55) Dibenzofuran               | 10.13 | 168  | 958435   | 38.130 | ng    | 100      |
| 56) 4-Nitrophenol              | 10.04 | 139  | 131934   | 33.487 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 10.12 | 165  | 249433   | 38.739 | ng    | 93       |
| 58) Fluorene                   | 10.47 | 166  | 775628   | 38.829 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.25 | 232  | 198682   | 38.262 | ng    | 98       |
| 60) Diethylphthalate           | 10.34 | 149  | 858277   | 39.266 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.46 | 204  | 393783   | 39.180 | ng    | 95       |
| 62) 4-Nitroaniline             | 10.49 | 138  | 217335   | 36.706 | ng    | 99       |
| 63) Azobenzene                 | 10.62 | 77   | 722368   | 38.713 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 114285   | 36.801 | ng    | 90       |
| 66) n-Nitrosodiphenylamine     | 10.58 | 169  | 669387   | 38.118 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.95 | 248  | 249216   | 38.824 | ng    | # 90     |
| 68) Hexachlorobenzene          | 11.02 | 284  | 291704   | 38.608 | ng    | 99       |
| 69) Atrazine                   | 11.11 | 200  | 182283   | 36.517 | ng    | 99       |
| 70) Pentachlorophenol          | 11.22 | 266  | 132067   | 37.169 | ng    | 100      |
| 71) Phenanthrene               | 11.44 | 178  | 1135144  | 37.973 | ng    | 100      |
| 72) Anthracene                 | 11.49 | 178  | 1150115  | 38.568 | ng    | 99       |
| 73) Carbazole                  | 11.65 | 167  | 1009316  | 37.723 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.97 | 149  | 1390505  | 41.526 | ng    | 99       |
| 75) Fluoranthene               | 12.63 | 202  | 1156665  | 37.845 | ng    | 99       |
| 77) Benzidine                  | 12.75 | 184  | 231288   | 22.635 | ng    | 100      |
| 78) Pyrene                     | 12.86 | 202  | 1163724  | 38.045 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.47 | 149  | 576872   | 41.643 | ng    | 98       |
| 81) Benzo(a)anthracene         | 14.06 | 228  | 1015523  | 37.837 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.02 | 252  | 336897   | 38.220 | ng    | 99       |
| 83) Chrysene                   | 14.09 | 228  | 960822   | 37.477 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.03 | 149  | 804721   | 44.055 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 14.65 | 149  | 1220672  | 44.115 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 17.07 | 276  | 767526   | 35.580 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 15.12 | 252  | 846605   | 37.785 | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 15.12 | 252  | 846605   | 39.332 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.50 | 252  | 743032   | 37.548 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 17.09 | 278  | 640750   | 37.751 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.53 | 276  | 587766   | 36.037 | ng    | 98       |

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



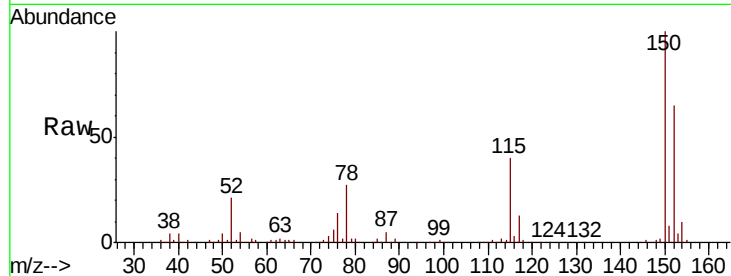


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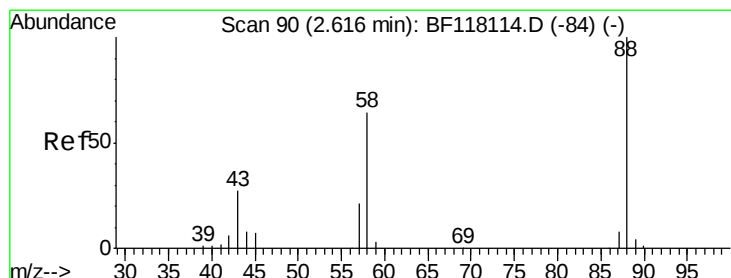
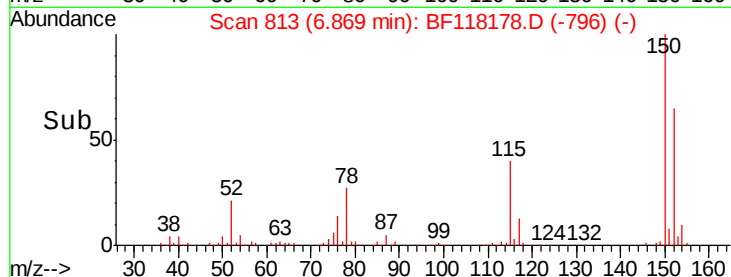
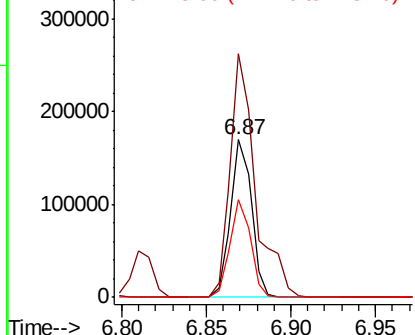
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.87 min Scan# 813  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 146321  
Ion Ratio Lower Upper  
152 100  
150 154.4 128.3 192.5  
115 62.1 51.1 76.7



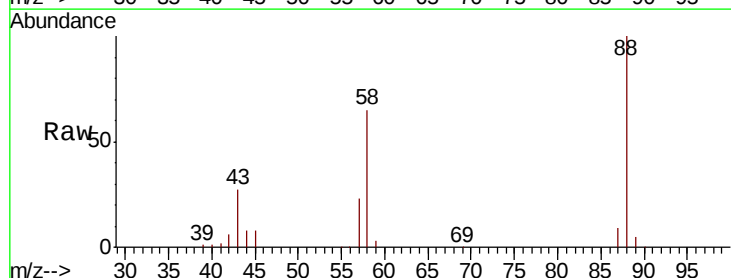
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



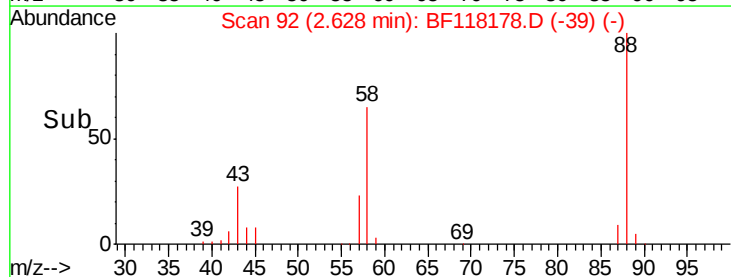
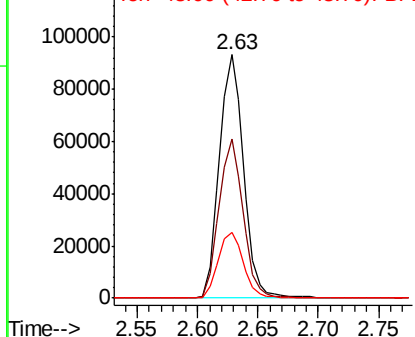
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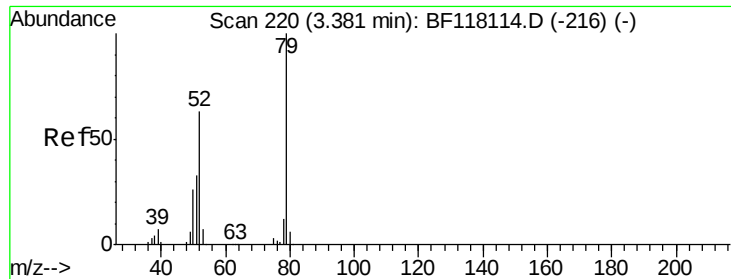
1,4-Dioxane  
Concen: 36.513 ng  
RT: 2.63 min Scan# 92  
Delta R.T. 0.01 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Tgt Ion: 88 Resp: 128620  
Ion Ratio Lower Upper  
88 100  
58 65.2 52.2 78.4  
43 27.9 21.4 32.2



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: 36.500 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

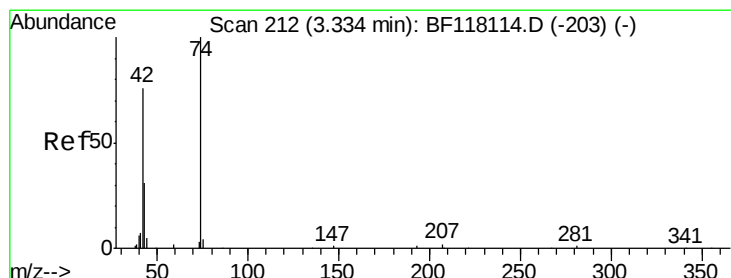
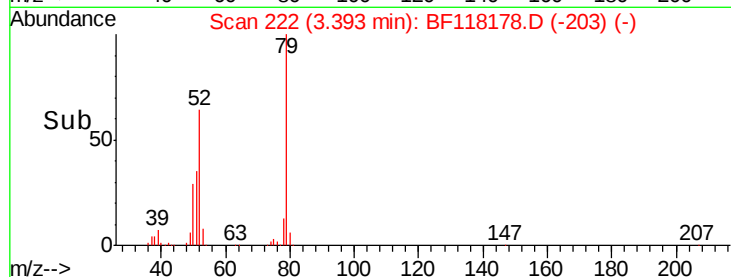
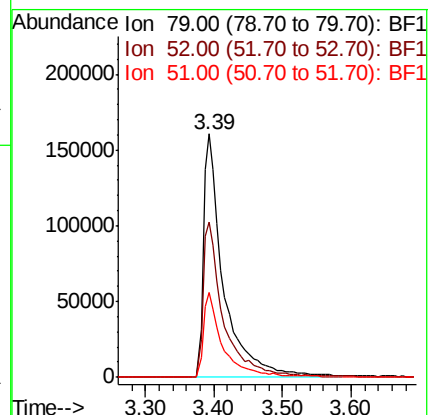
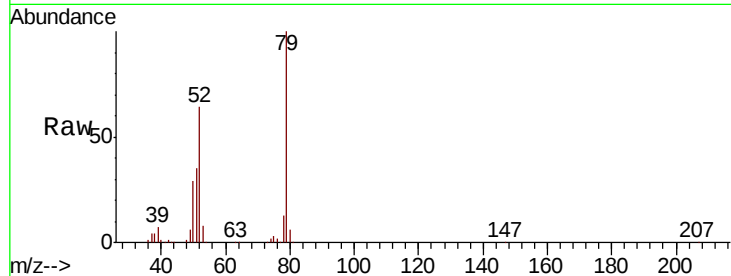
Tot Ion: 79 Resp: 331719

Ion Ratio Lower Upper

79 100

52 64.0 50.7 76.1

51 34.9 26.4 39.6



#4

n-Nitrosodimethylamine

Concen: 36.752 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

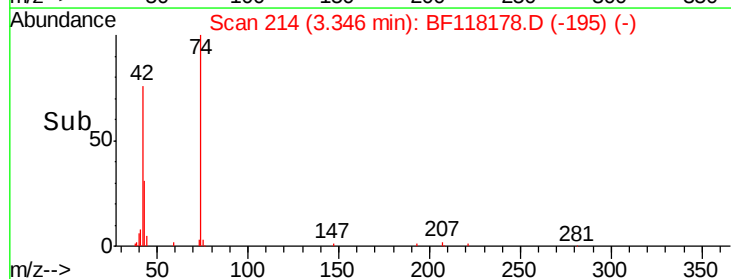
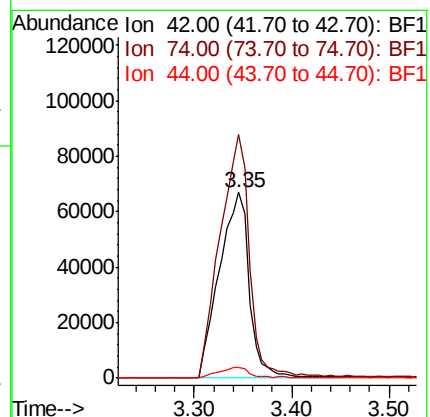
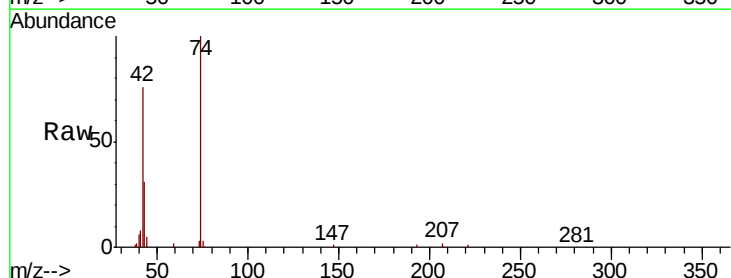
Tgt Ion: 42 Resp: 143688

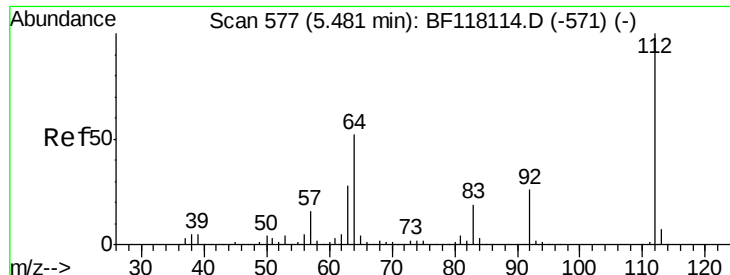
Ion Ratio Lower Upper

42 100

74 131.1 104.6 157.0

44 5.9 5.1 7.7





#5

2-Fluorophenol

Concen: 75.674 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA\_F

ClientSampled :

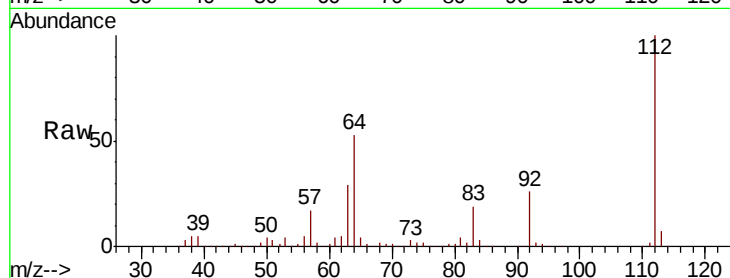
Tot Ion: 112 Resp: 632197

Ion Ratio Lower Upper

112 100

64 52.8 41.3 61.9

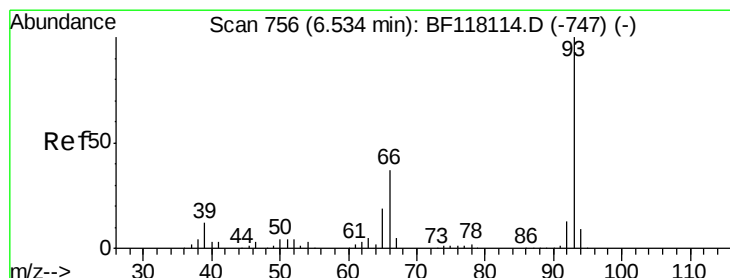
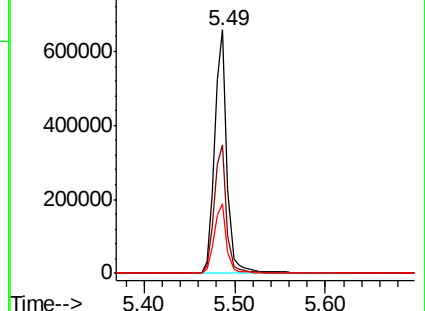
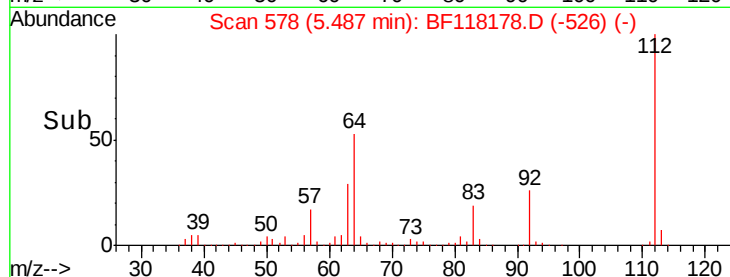
63 28.8 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.367 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

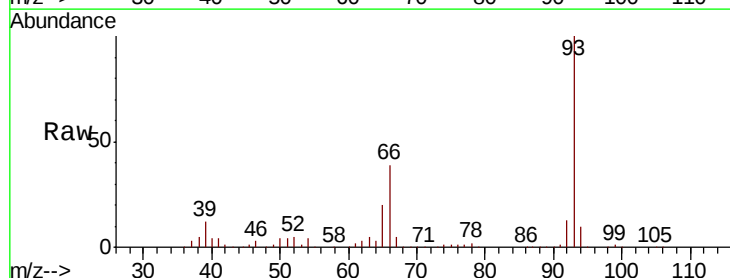
Tgt Ion: 93 Resp: 482987

Ion Ratio Lower Upper

93 100

66 38.9 30.2 45.2

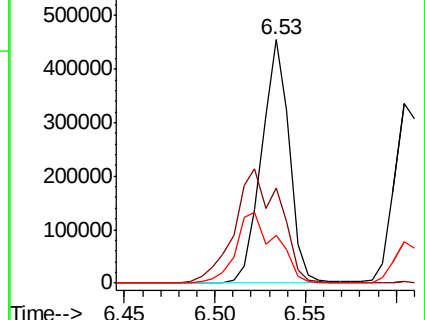
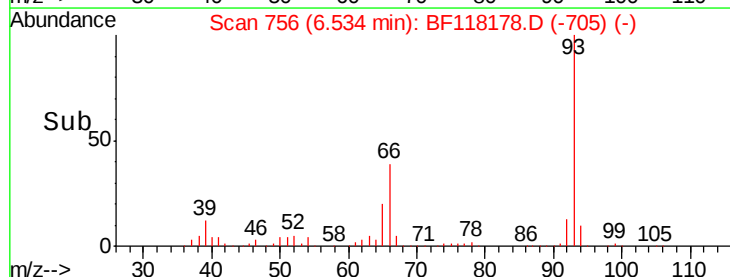
65 19.7 15.5 23.3

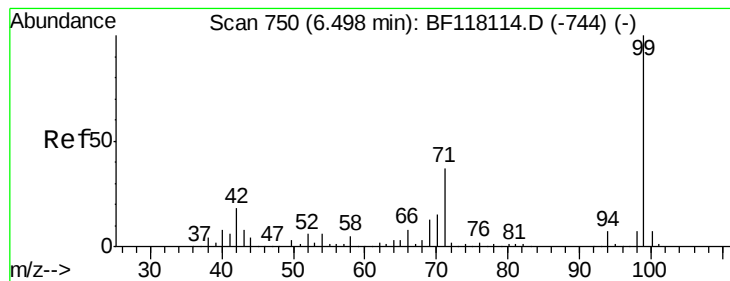


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.184 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

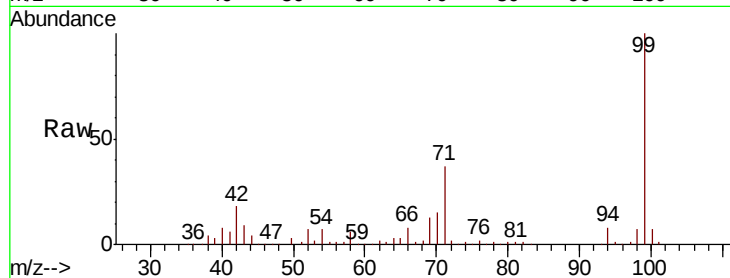
Tot Ion: 99 Resp: 769811

Ion Ratio Lower Upper

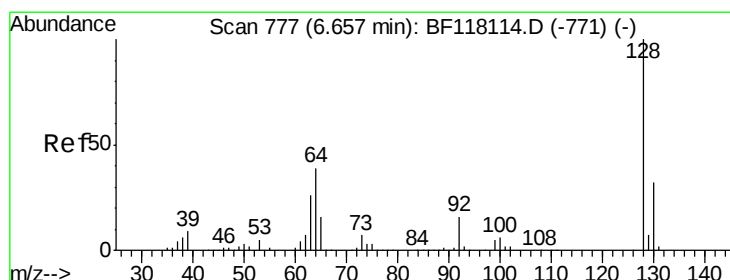
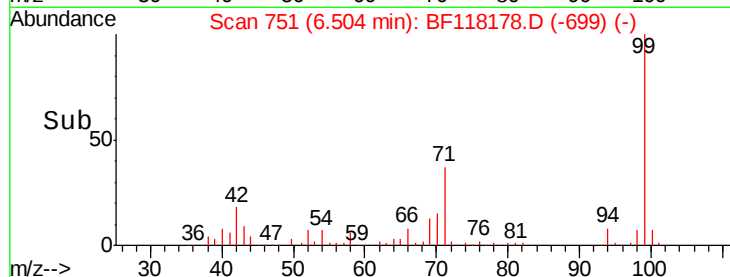
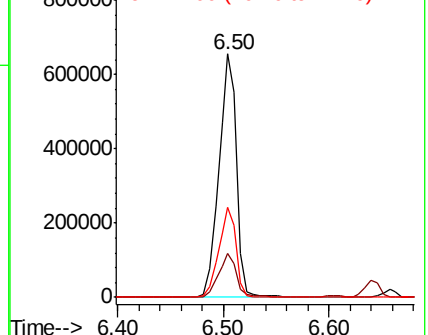
99 100

42 18.0 14.1 21.1

71 36.8 29.7 44.5



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: 38.411 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

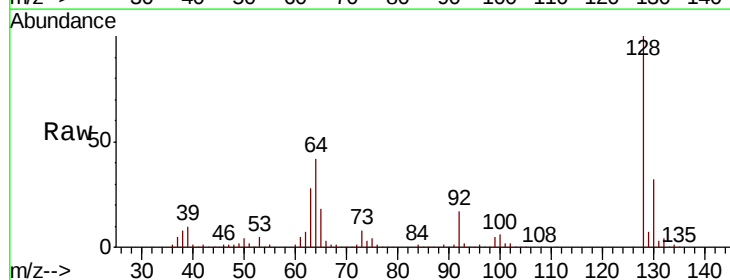
Tgt Ion: 128 Resp: 361834

Ion Ratio Lower Upper

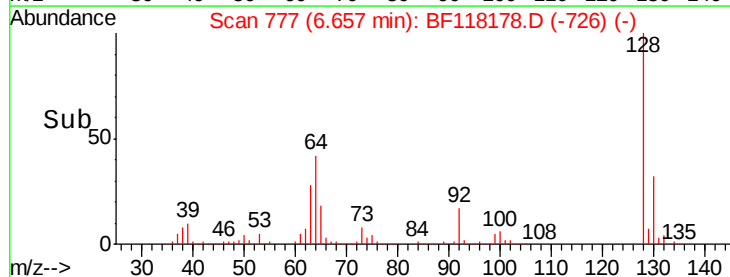
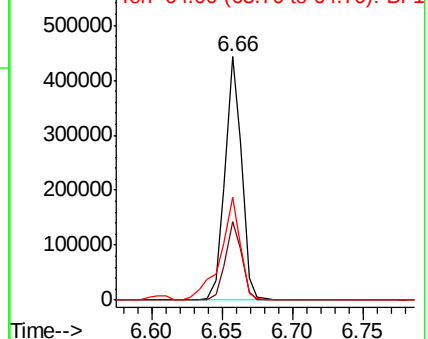
128 100

130 32.4 12.1 52.1

64 42.2 19.3 59.3



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.254 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

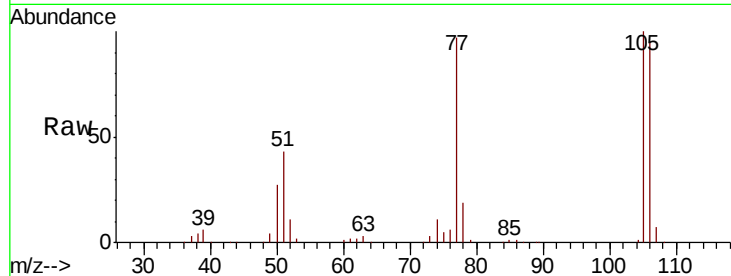
Tot Ion: 77 Resp: 203492

Ion Ratio Lower Upper

77 100

105 103.1 86.4 126.4

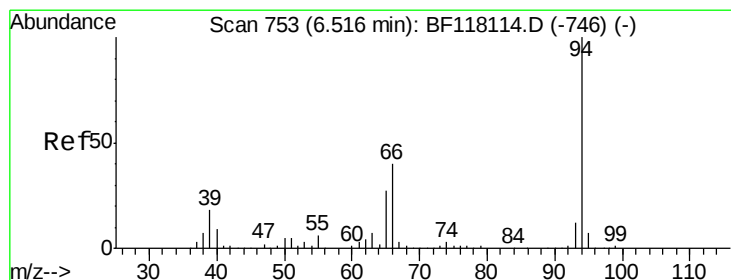
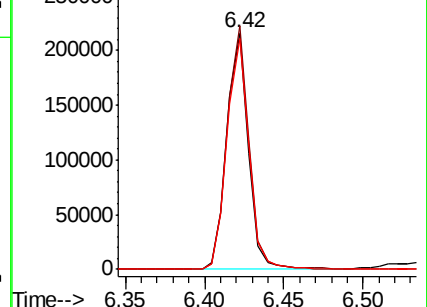
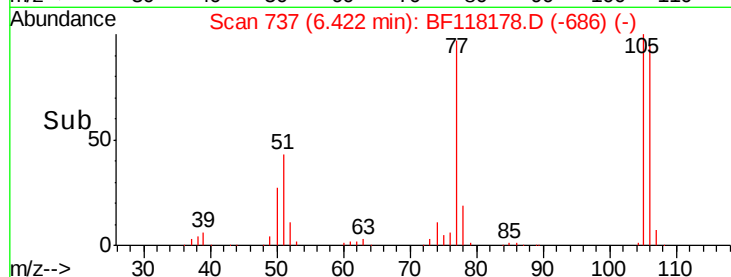
106 97.6 83.8 123.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.802 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

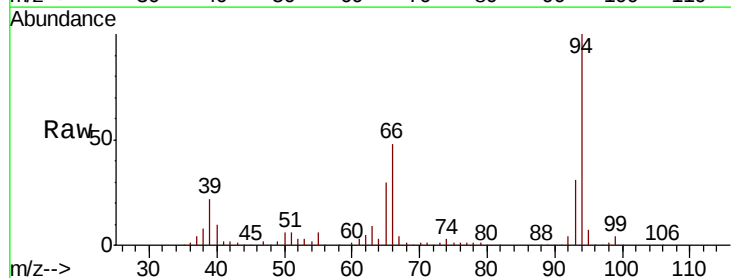
Tgt Ion: 94 Resp: 435617

Ion Ratio Lower Upper

94 100

65 30.0 7.3 47.3

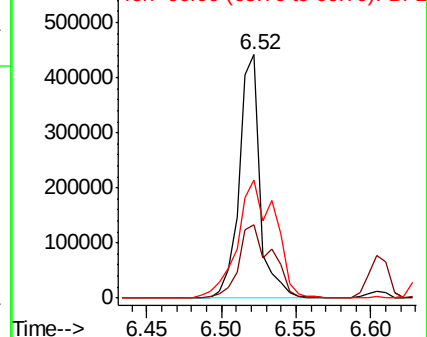
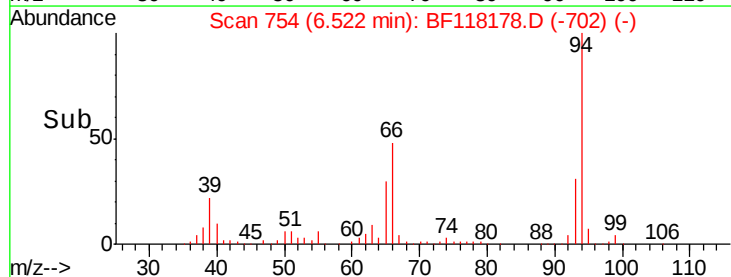
66 48.3 20.2 60.2

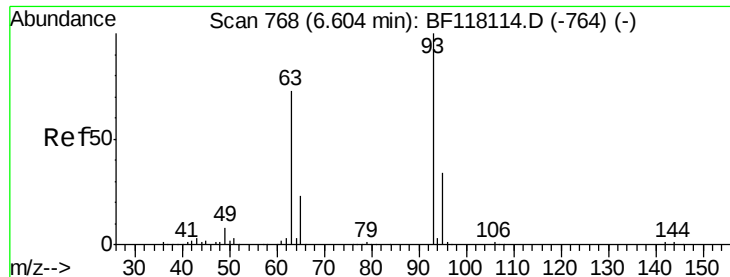


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

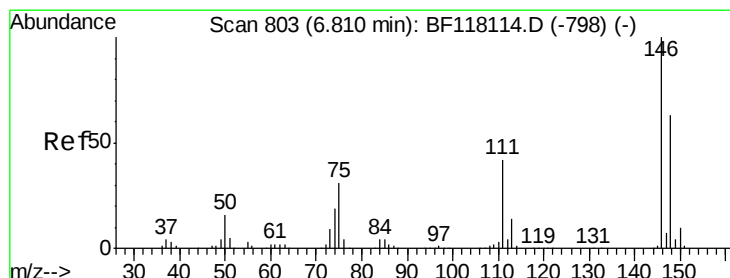
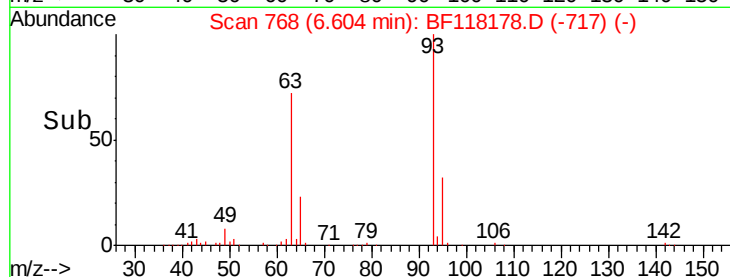
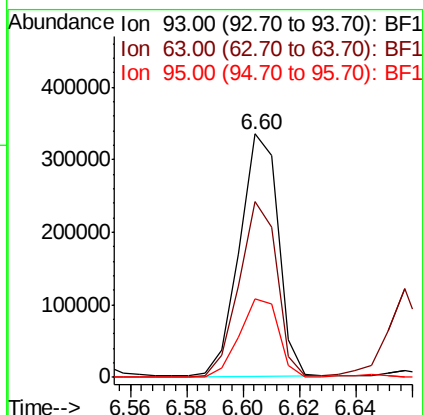
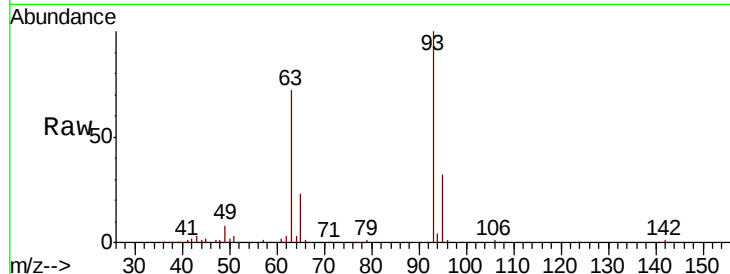




#11  
bis(2-Chloroethyl)ether  
Concen: 38.183 ng  
RT: 6.60 min Scan# 768  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

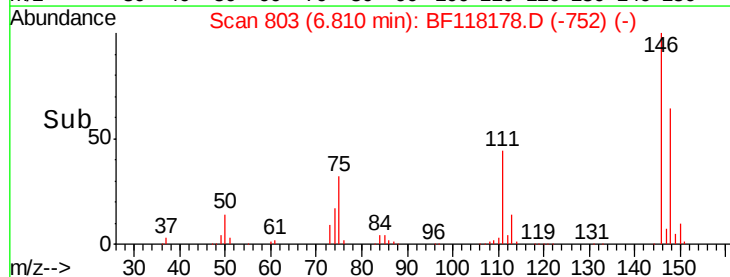
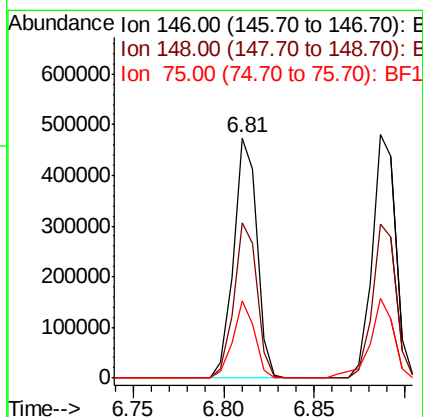
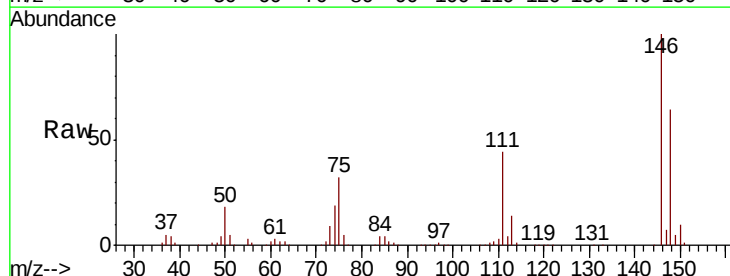
Instrument :  
BNA\_F  
ClientSampleId :

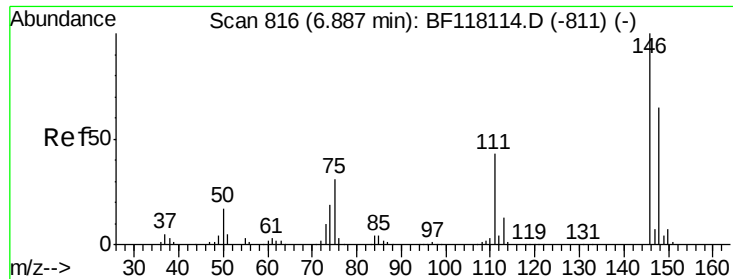
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 72.1  | 53.2  | 93.2  |
| 95      | 32.2  | 13.8  | 53.8  |



#12  
1,3-Dichlorobenzene  
Concen: 38.698 ng  
RT: 6.81 min Scan# 803  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 50.2  | 75.4  |
| 75      | 32.0  | 24.6  | 37.0  |

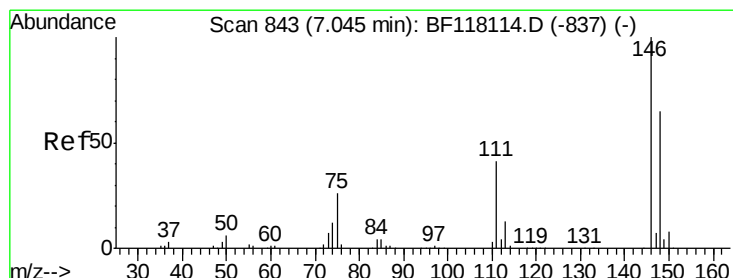
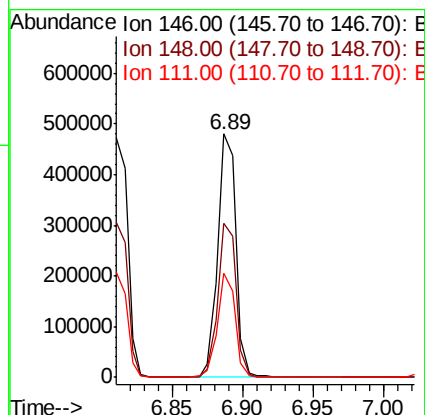
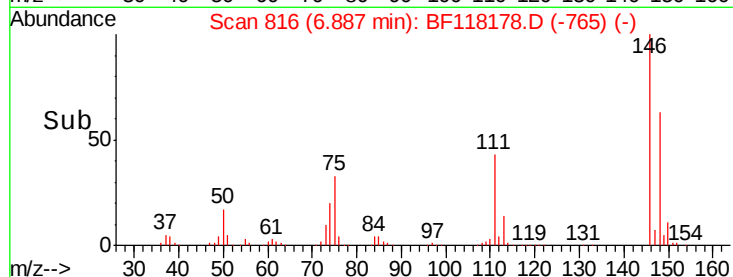
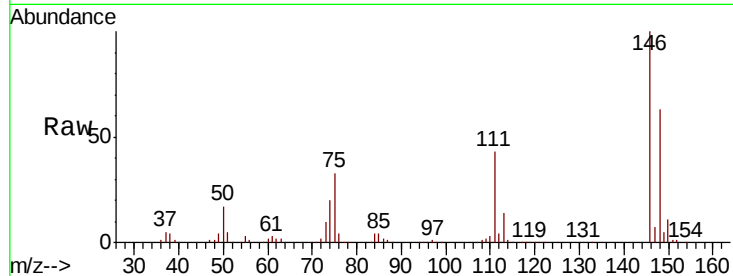




#13  
1,4-Dichlorobenzene  
Concen: 39.026 ng  
RT: 6.89 min Scan# 816  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

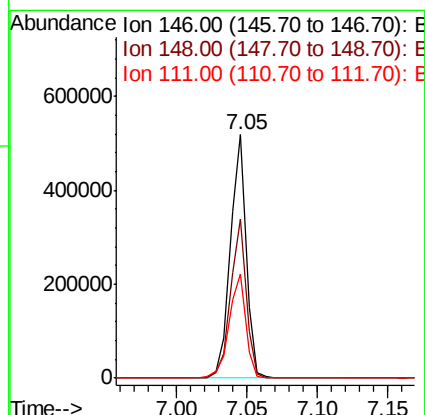
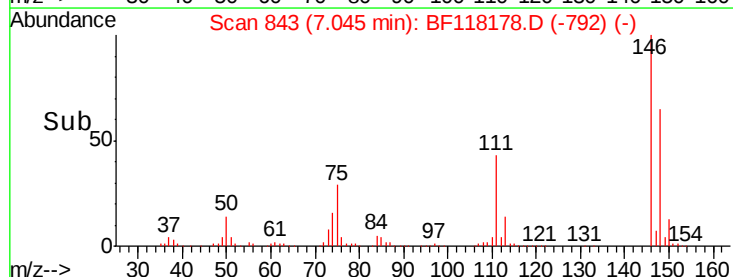
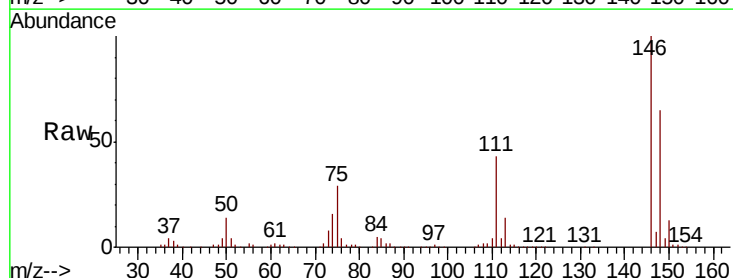
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:146 Resp: 432442  
Ion Ratio Lower Upper  
146 100  
148 63.2 52.1 78.1  
111 43.0 34.6 52.0



#14  
1,2-Dichlorobenzene  
Concen: 38.864 ng  
RT: 7.05 min Scan# 843  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Tgt Ion:146 Resp: 404424  
Ion Ratio Lower Upper  
146 100  
148 65.5 52.2 78.2  
111 43.0 33.1 49.7





#15

Benzyl Alcohol

Concen: 38.448 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA\_F

ClientSampled :

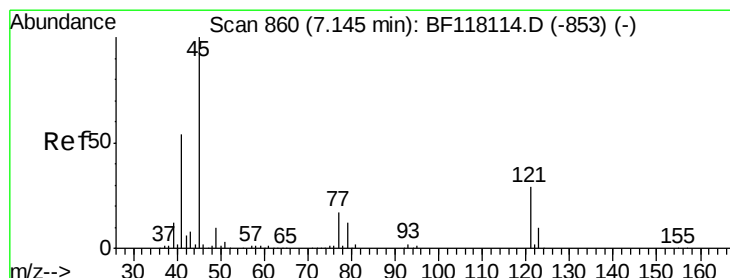
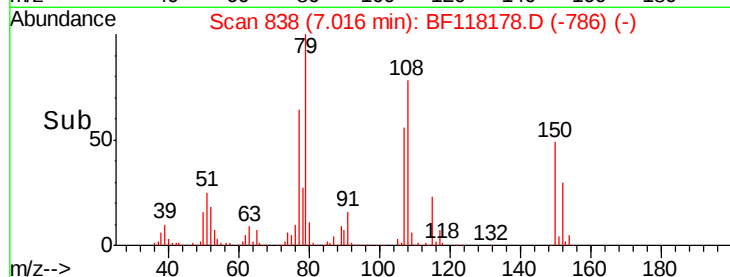
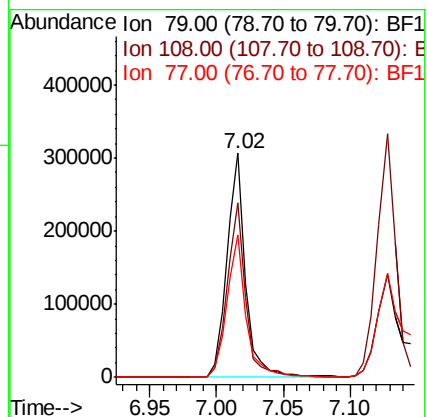
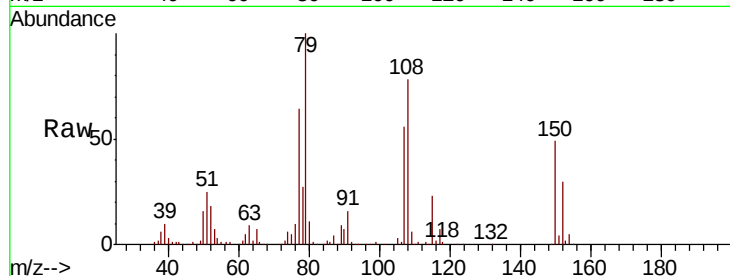
Tot Ion: 79 Resp: 303270

Ion Ratio Lower Upper

79 100

108 78.0 62.7 94.1

77 63.5 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.328 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

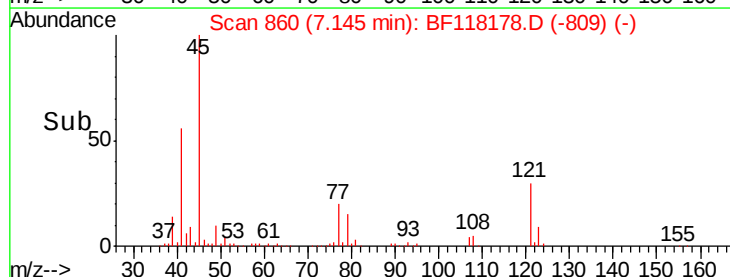
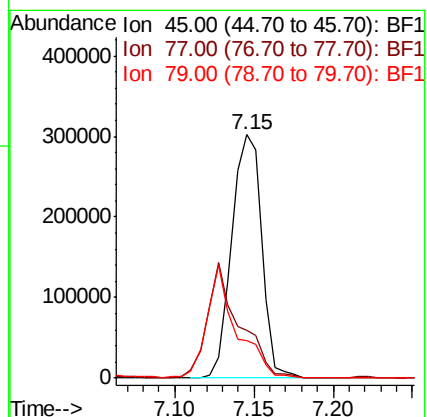
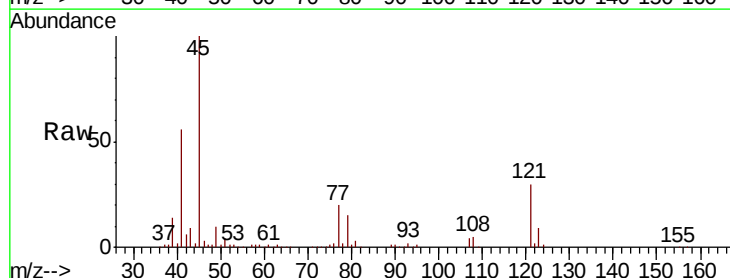
Tgt Ion: 45 Resp: 394100

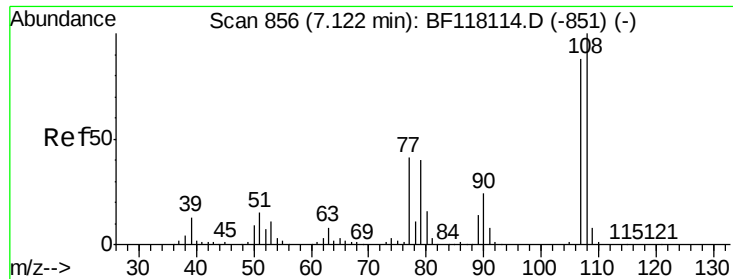
Ion Ratio Lower Upper

45 100

77 19.5 0.0 38.0

79 15.5 0.0 33.2

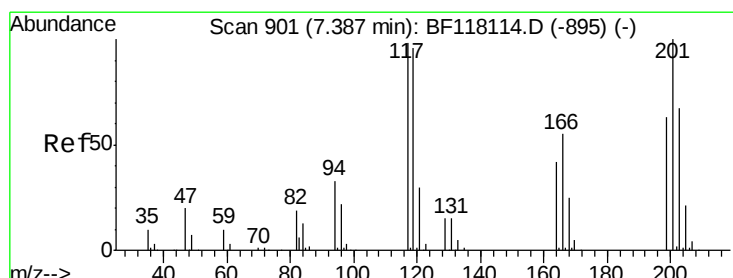
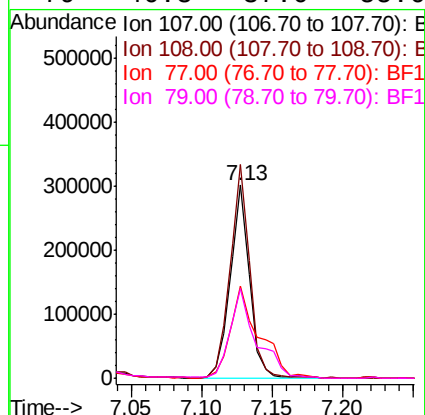
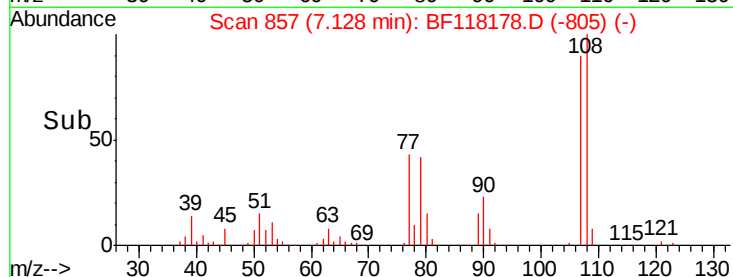
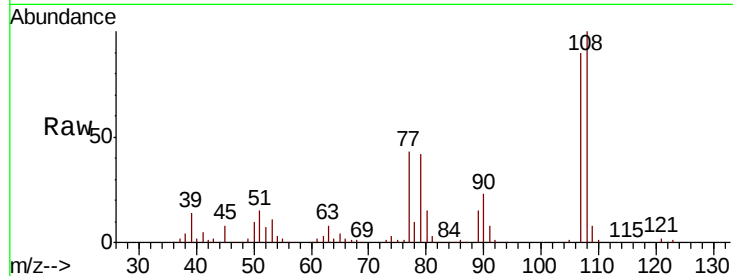




#17  
2-Methylphenol  
Concen: 38.046 ng  
RT: 7.13 min Scan# 857  
Delta R.T. 0.01 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

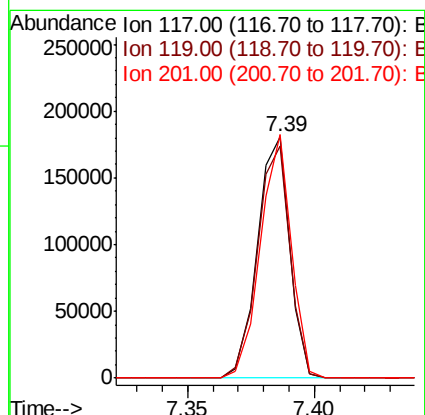
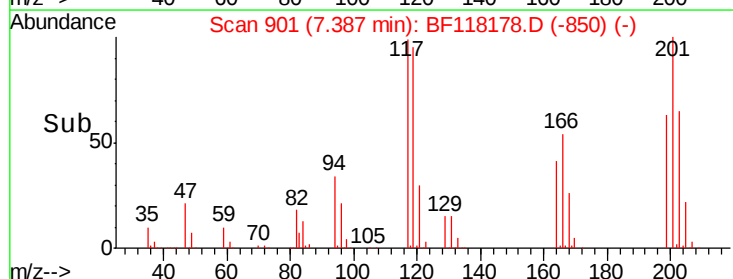
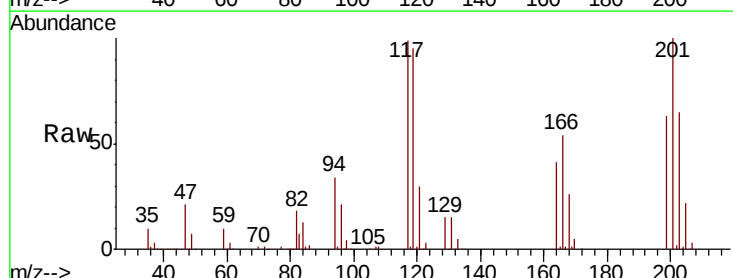
Instrument :  
BNA\_F  
ClientSampleId :

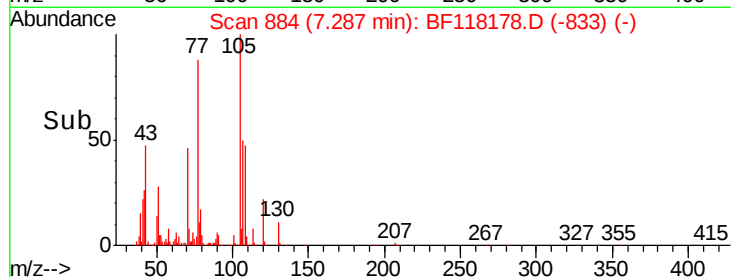
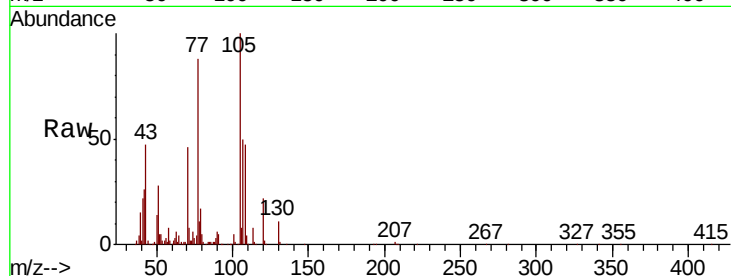
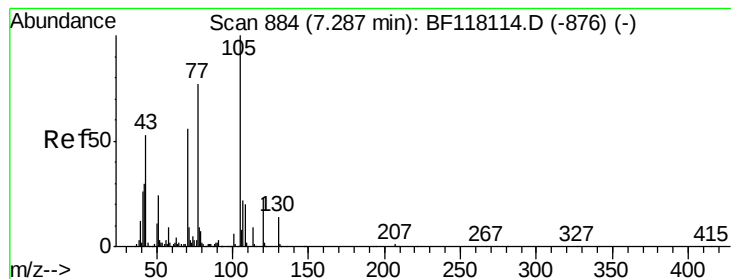
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 110.8 | 91.1  | 136.7 |
| 77      | 47.6  | 37.8  | 56.6  |
| 79      | 46.8  | 37.0  | 55.6  |



#18  
Hexachloroethane  
Concen: 39.249 ng  
RT: 7.39 min Scan# 901  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.4  | 78.2  | 117.4 |
| 201     | 100.9 | 81.6  | 122.4 |





#19

n-Nitroso-di-n-propylamine

Concen: 39.629 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 70 Resp: 243330

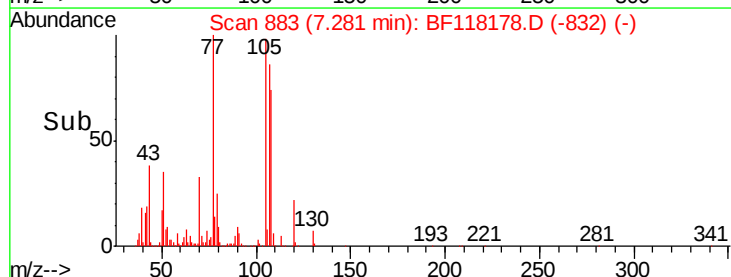
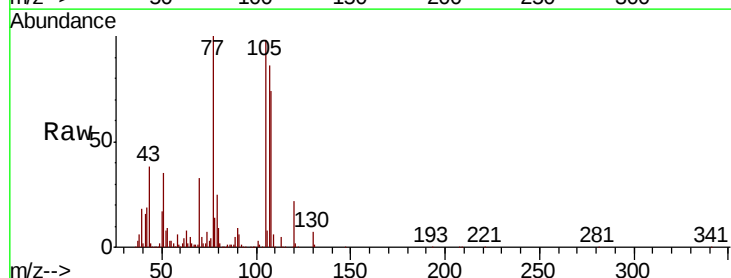
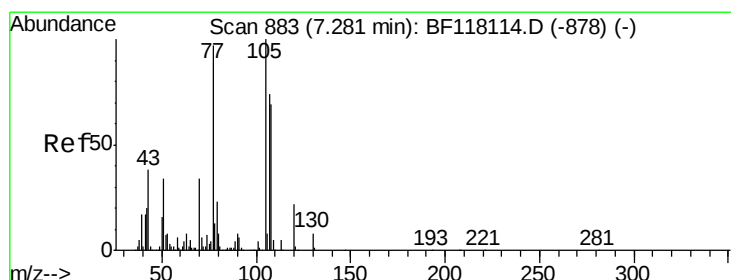
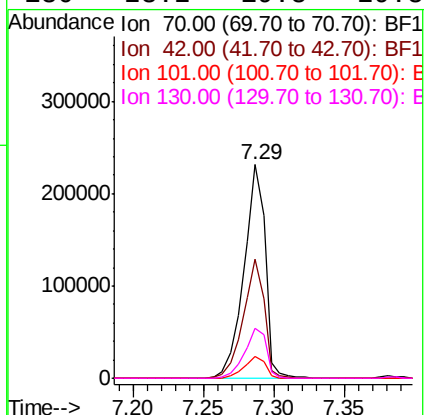
Ion Ratio Lower Upper

70 100

42 56.0 43.2 64.8

101 10.2 8.1 12.1

130 23.2 19.8 29.8



#20

3+4-Methylphenols

Concen: 38.486 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Tgt Ion:107 Resp: 362185

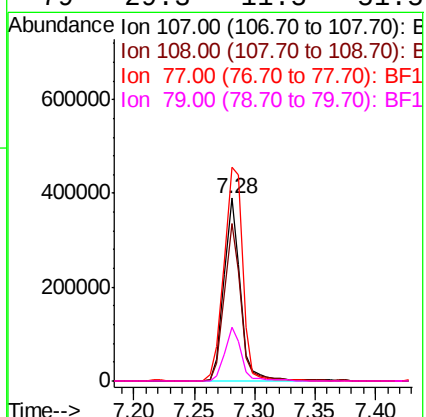
Ion Ratio Lower Upper

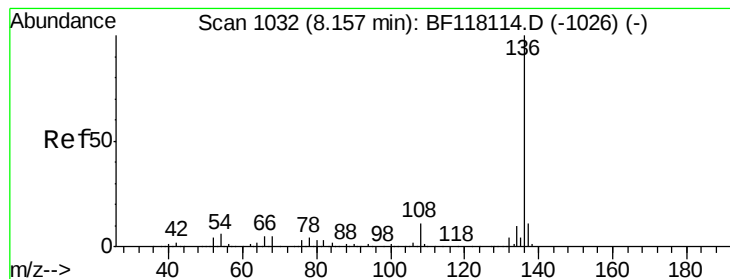
107 100

108 86.2 73.2 113.2

77 116.8 110.9 150.9

79 29.3 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 561093

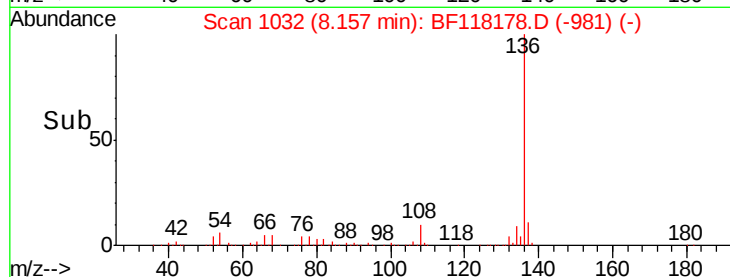
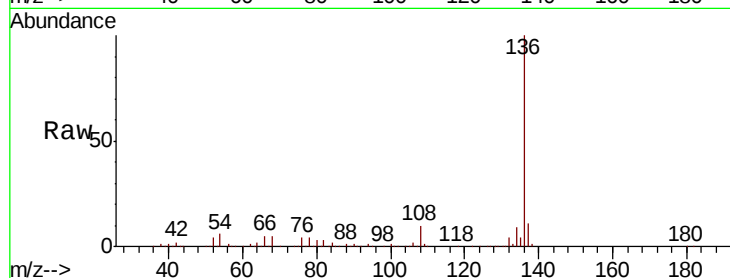
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 6.2 5.0 7.6

68 4.6 3.8 5.8

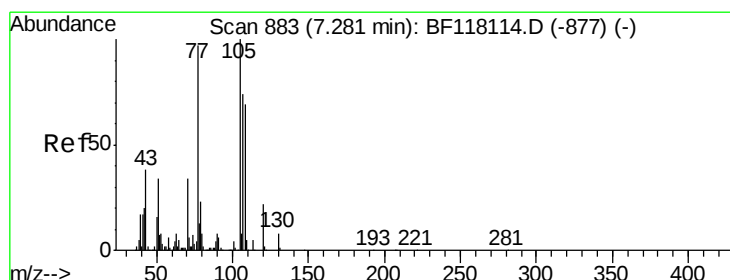
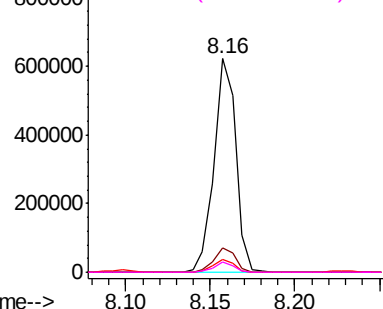


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.899 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Tgt Ion:105 Resp: 510883

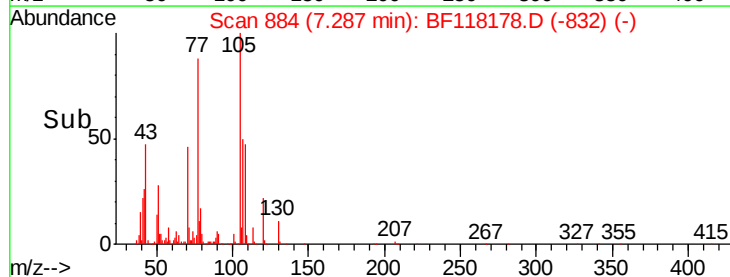
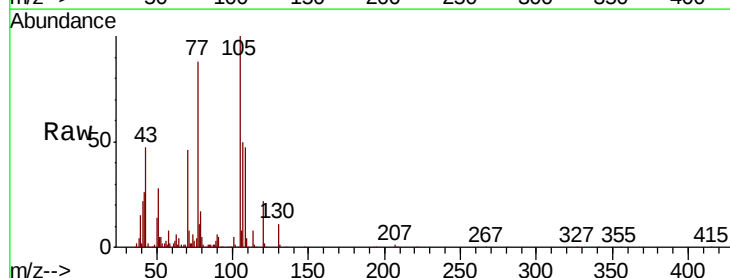
Ion Ratio Lower Upper

105 100

71 7.8 4.7 7.1#

51 27.5 27.1 40.7

120 22.5 17.8 26.6

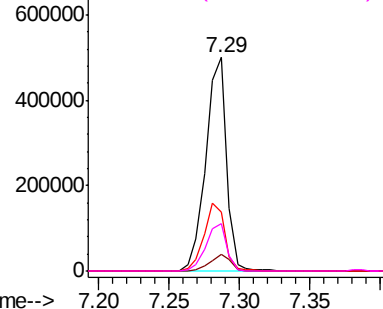


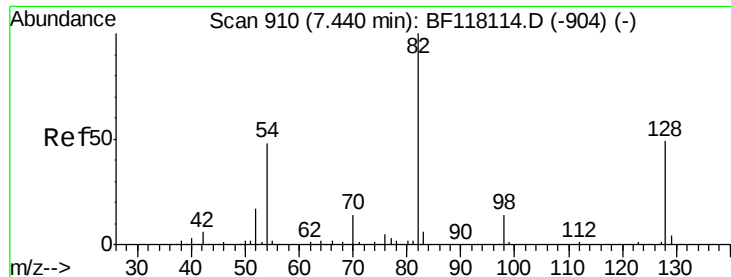
Abundance Ion 105.00 (104.70 to 105.70): E

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

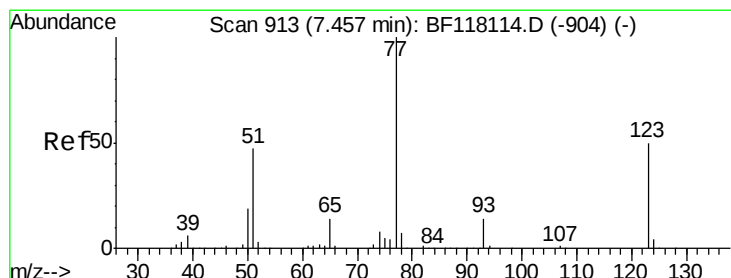
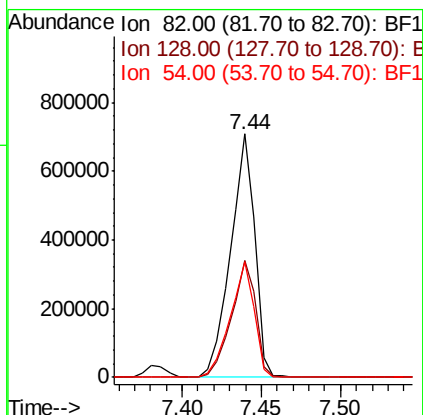
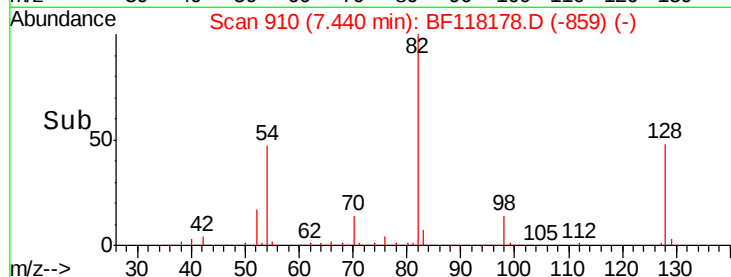
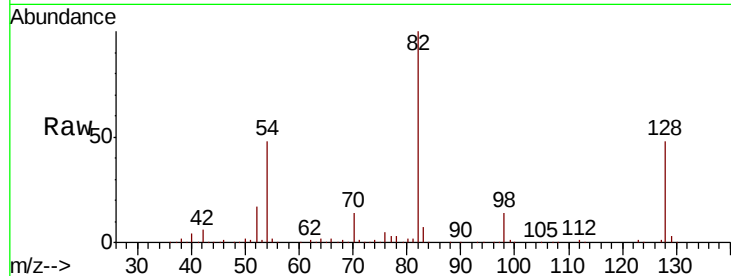




#23  
Nitrobenzene-d5  
Concen: 75.358 ng  
RT: 7.44 min Scan# 910  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

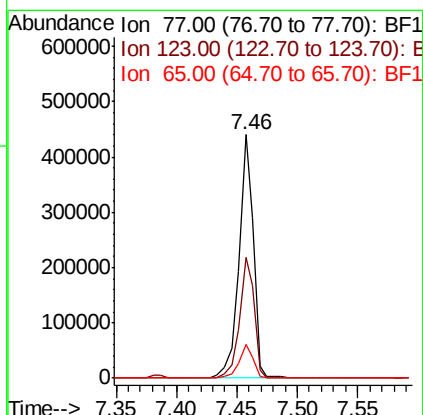
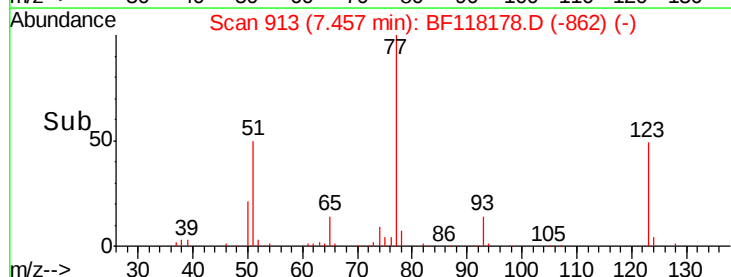
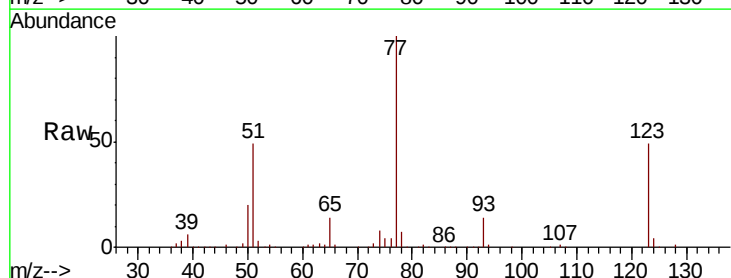
Instrument :  
BNA\_F  
ClientSampled :

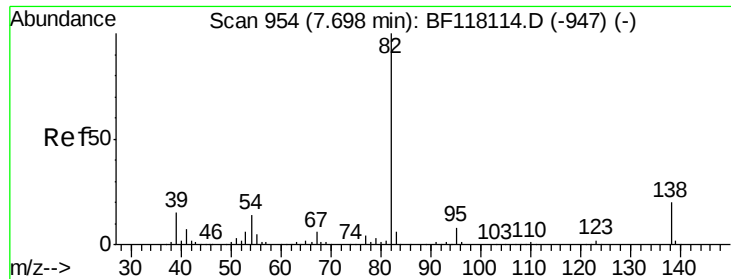
Tot Ion: 82 Resp: 751595  
Ion Ratio Lower Upper  
82 100  
128 47.8 39.1 58.7  
54 47.6 38.2 57.2



#24  
Nitrobenzene  
Concen: 37.284 ng  
RT: 7.46 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Tgt Ion: 77 Resp: 365347  
Ion Ratio Lower Upper  
77 100  
123 49.3 40.1 60.1  
65 13.7 10.9 16.3





#25

Isophorone

Concen: 37.788 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

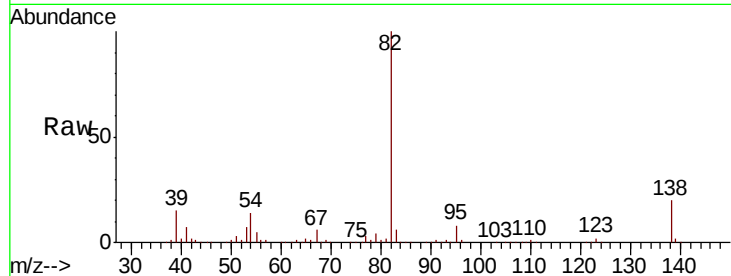
Tot Ion: 82 Resp: 638889

Ion Ratio Lower Upper

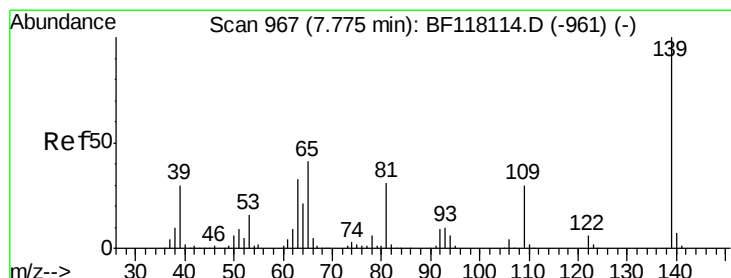
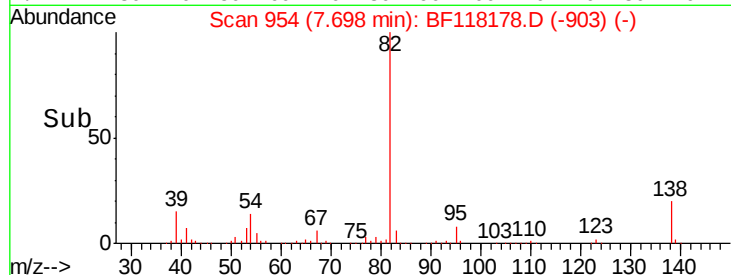
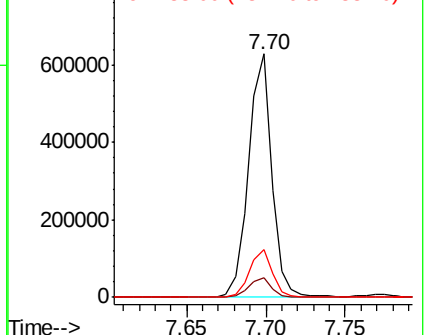
82 100

95 8.0 6.3 9.5

138 19.8 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.138 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

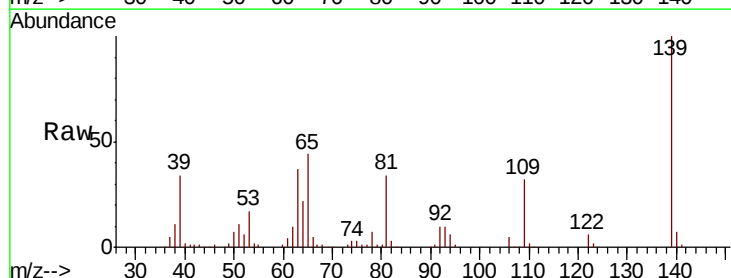
Tgt Ion: 139 Resp: 199744

Ion Ratio Lower Upper

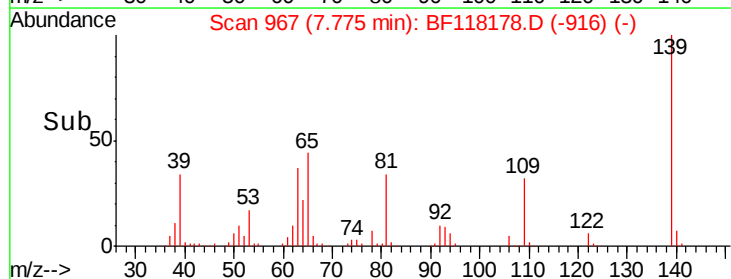
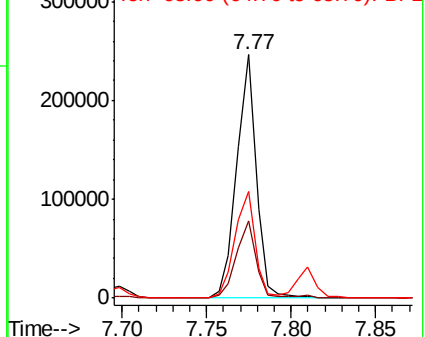
139 100

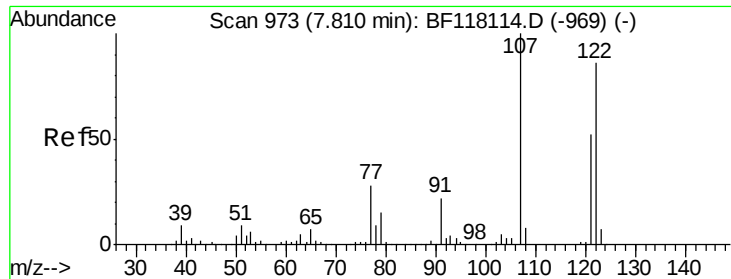
109 31.6 23.9 35.9

65 44.0 33.0 49.6



Abundance Ion 139.00 (138.70 to 139.70): BF1  
Ion 109.00 (108.70 to 109.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1

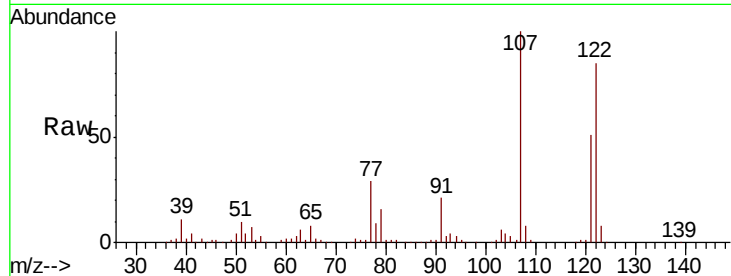




#27  
2,4-Dimethylphenol  
Concen: 37.464 ng  
RT: 7.81 min Scan# 973  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 118.1 | 92.9  | 139.3 |
| 121     | 60.4  | 48.3  | 72.5  |

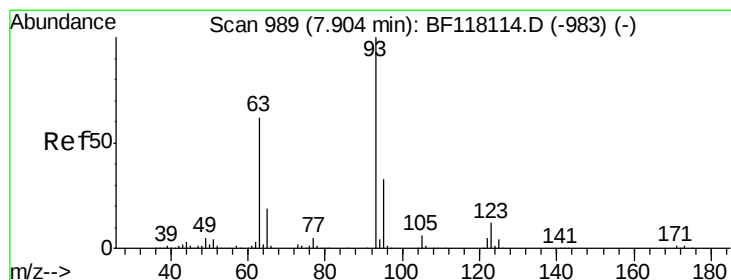
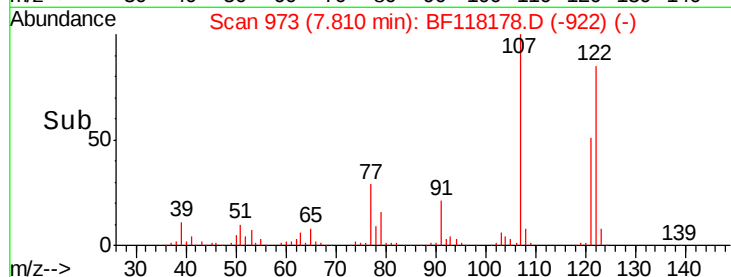
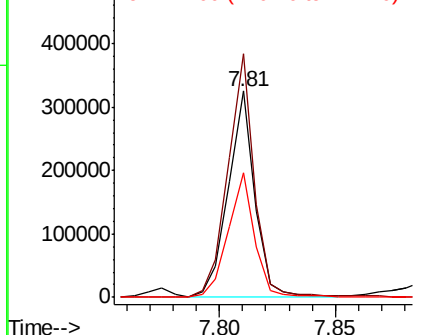


Abundance

Ion 122.00 (121.70 to 122.70): E

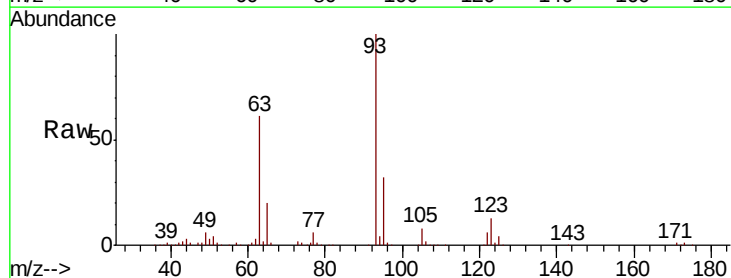
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.712 ng  
RT: 7.90 min Scan# 989  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.2  | 26.7  | 40.1  |
| 123     | 12.8  | 10.0  | 15.0  |

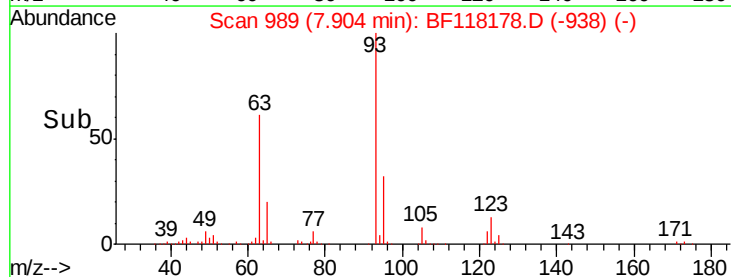
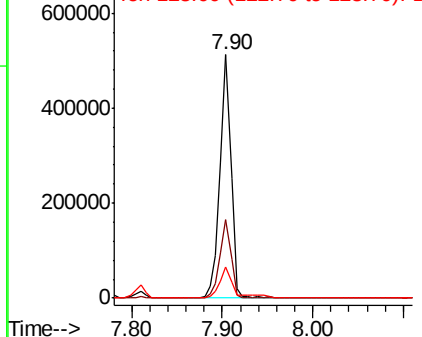


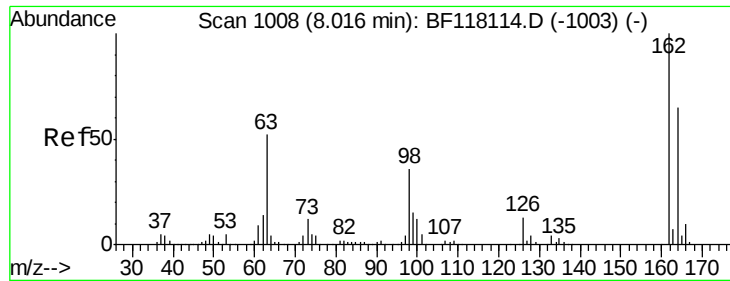
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

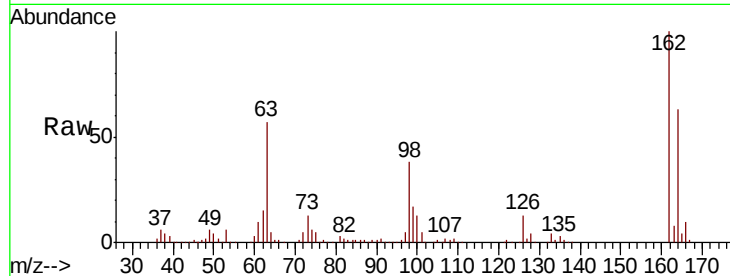




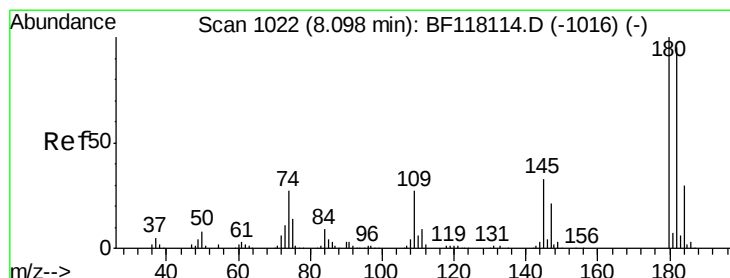
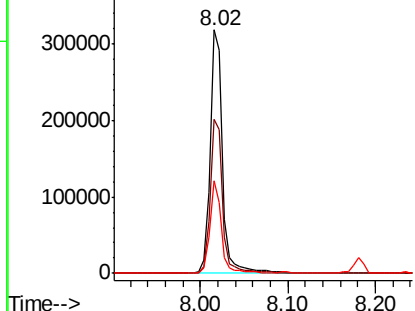
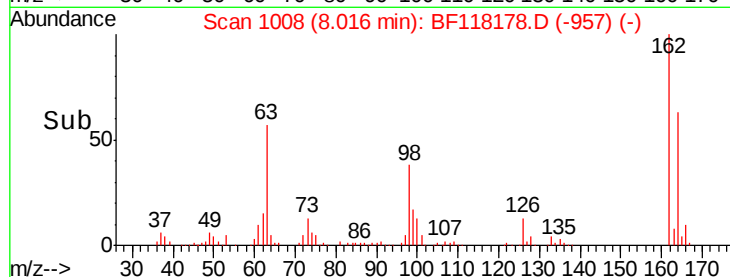
#29  
 2,4-Dichlorophenol  
 Concen: 38.422 ng  
 RT: 8.02 min Scan# 1008  
 Delta R.T. 0.00 min  
 Lab File: BF118178.D  
 Acq: 13 Dec 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.3  | 45.2  | 85.2  |
| 98      | 38.2  | 15.9  | 55.9  |

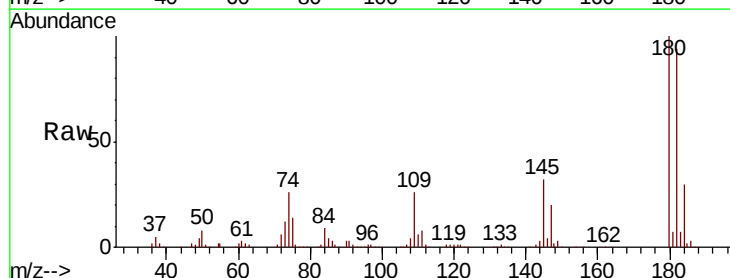


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

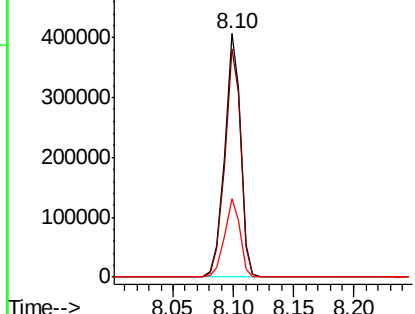
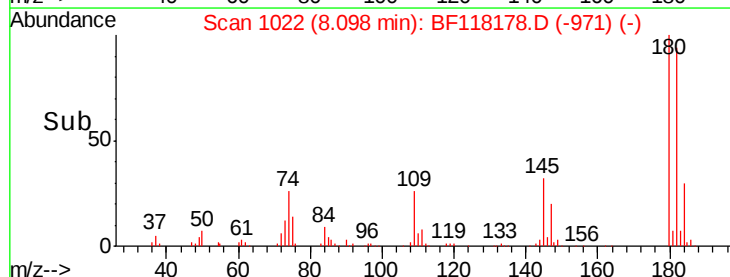


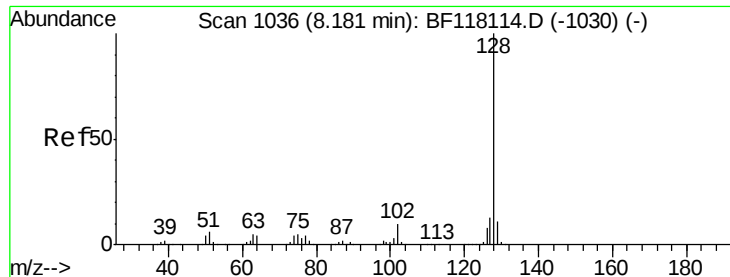
#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.794 ng  
 RT: 8.10 min Scan# 1022  
 Delta R.T. 0.00 min  
 Lab File: BF118178.D  
 Acq: 13 Dec 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.7  | 76.1  | 114.1 |
| 145     | 32.2  | 26.1  | 39.1  |



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

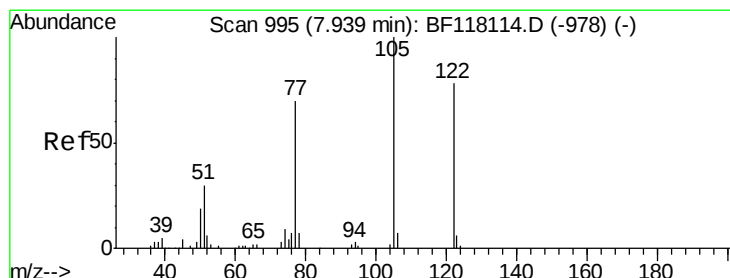
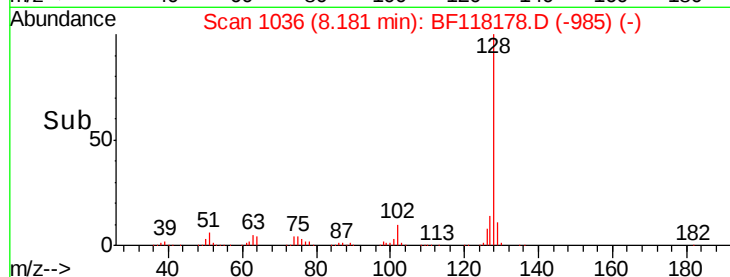
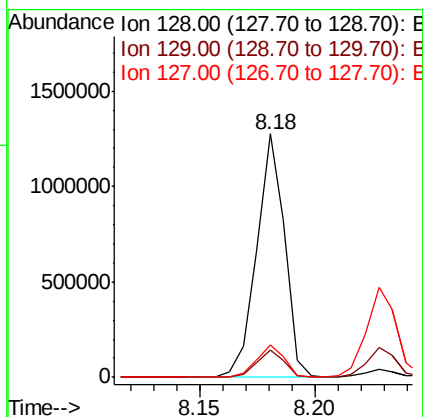
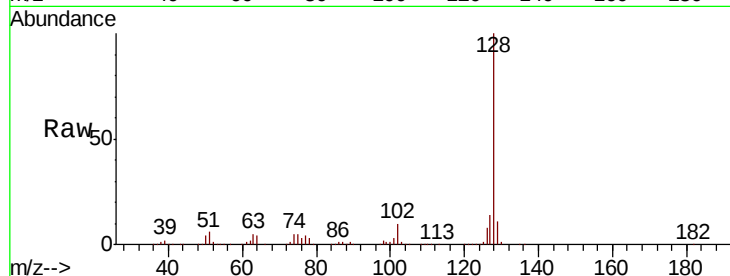




#31  
Naphthalene  
Concen: 38.289 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

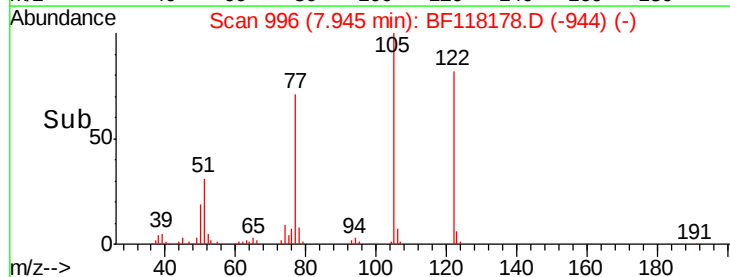
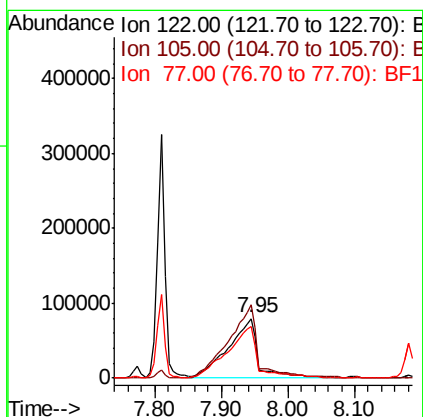
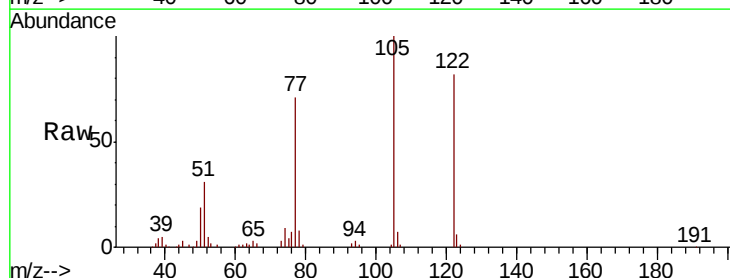
Instrument :  
BNA\_F  
ClientSampleId :

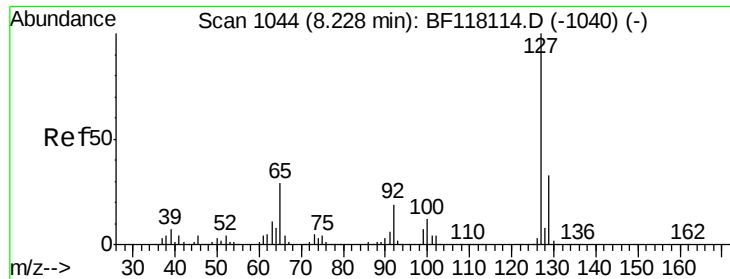
Tot Ion:128 Resp: 1078946  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.1 13.7  
127 13.6 10.6 16.0



#32  
Benzoic acid  
Concen: 39.285 ng  
RT: 7.95 min Scan# 996  
Delta R.T. 0.01 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Tgt Ion:122 Resp: 247805  
Ion Ratio Lower Upper  
122 100  
105 121.7 104.7 144.7  
77 86.6 69.1 109.1

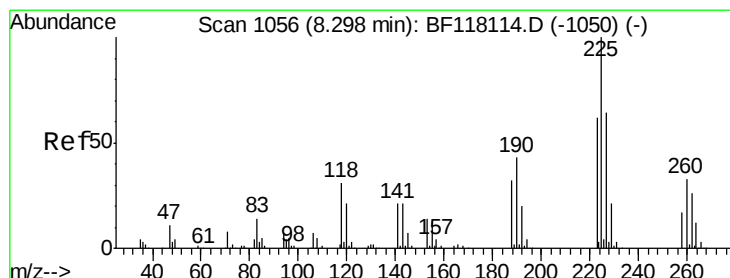
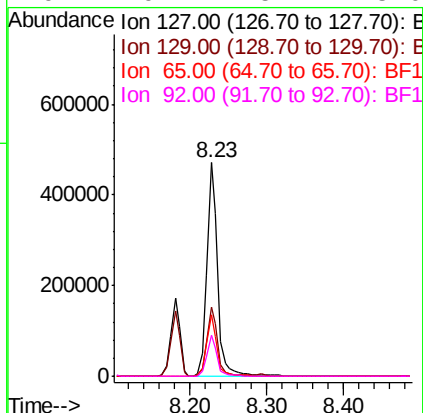
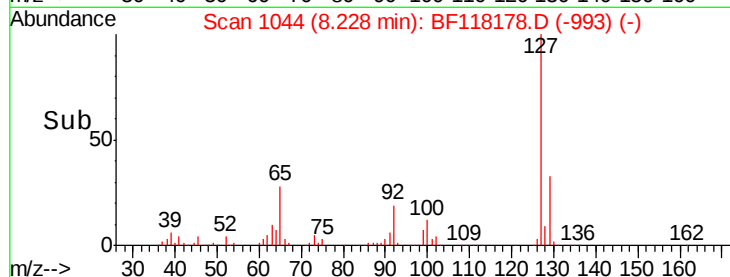
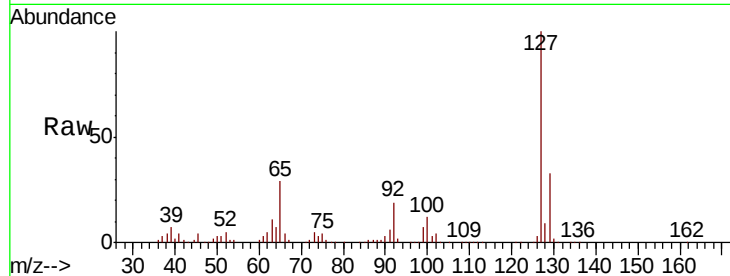




#33  
4-Chloroaniline  
Concen: 37.414 ng  
RT: 8.23 min Scan# 1044  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

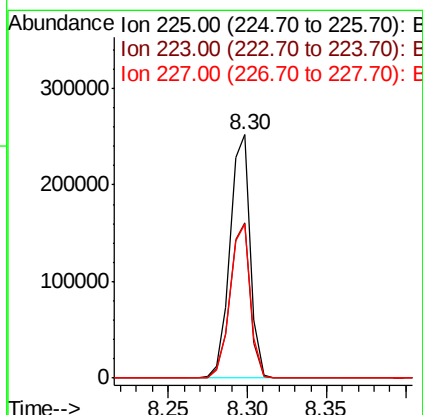
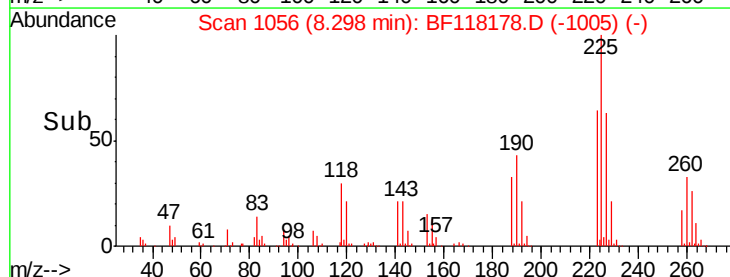
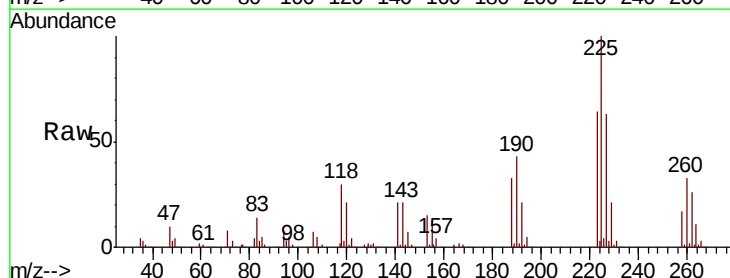
Instrument :  
BNA\_F  
ClientSampleId :

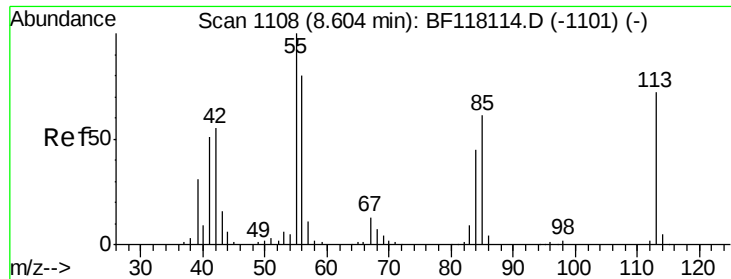
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 455232 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 26.6  | 40.0   |
| 65       | 28.5  | 23.2  | 34.8   |
| 92       | 19.1  | 15.4  | 23.0   |



#34  
Hexachlorobutadiene  
Concen: 39.275 ng  
RT: 8.30 min Scan# 1056  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 224158 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.8  | 49.6  | 74.4   |
| 227      | 63.2  | 51.0  | 76.6   |

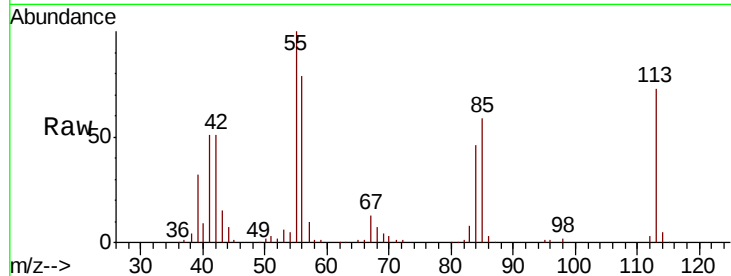




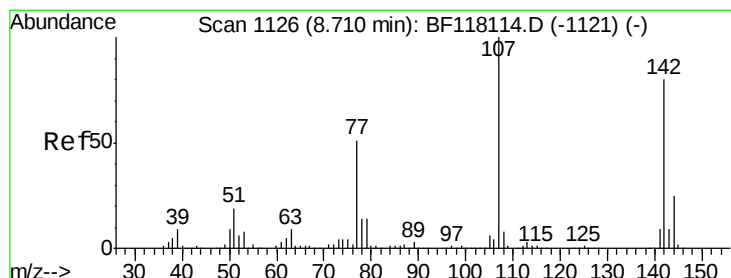
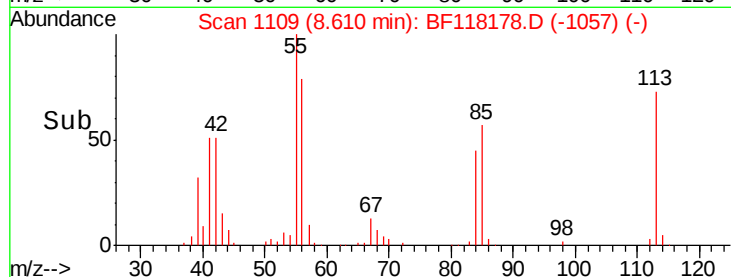
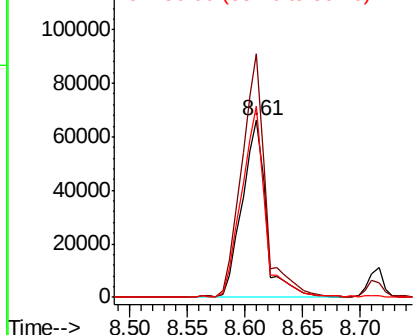
#35  
Caprolactam  
Concen: 37.581 ng  
RT: 8.61 min Scan# 1109  
Delta R.T. 0.01 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:113 Resp: 94388  
Ion Ratio Lower Upper  
113 100  
55 137.7 118.9 158.9  
56 108.4 91.4 131.4

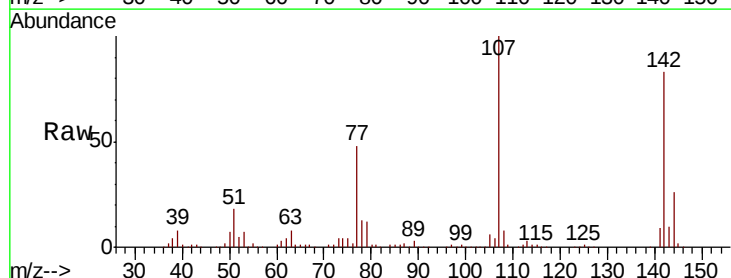


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

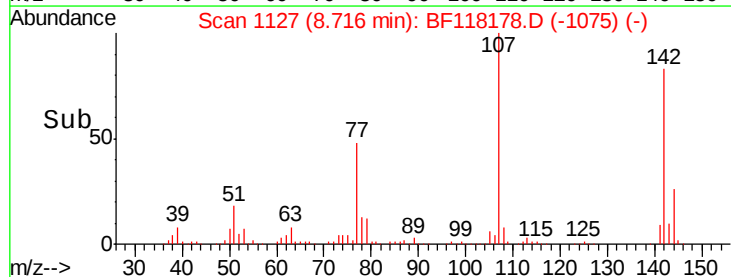
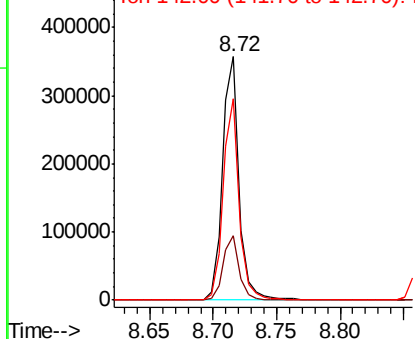


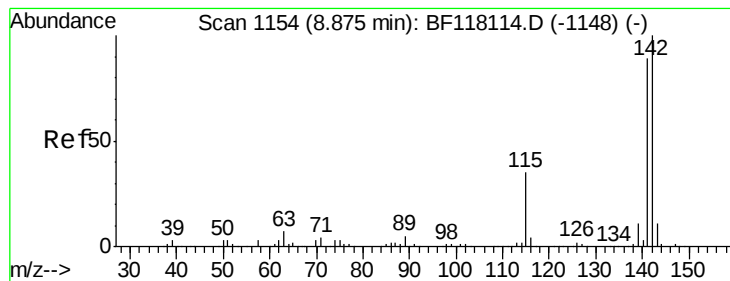
#36  
4-Chloro-3-methylphenol  
Concen: 37.819 ng  
RT: 8.72 min Scan# 1127  
Delta R.T. 0.01 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Tgt Ion:107 Resp: 324132  
Ion Ratio Lower Upper  
107 100  
144 26.5 20.3 30.5  
142 83.0 63.7 95.5



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: 38.509 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA\_F

ClientSampled :

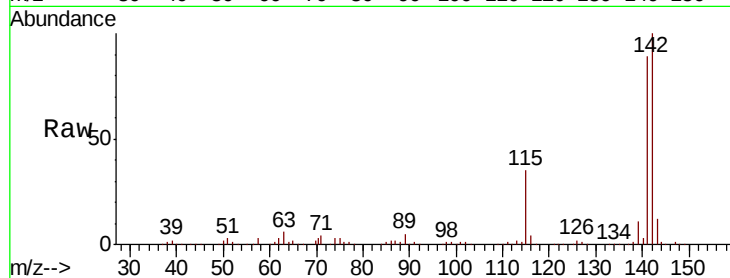
Tot Ion:142 Resp: 734660

Ion Ratio Lower Upper

142 100

141 89.0 71.4 107.0

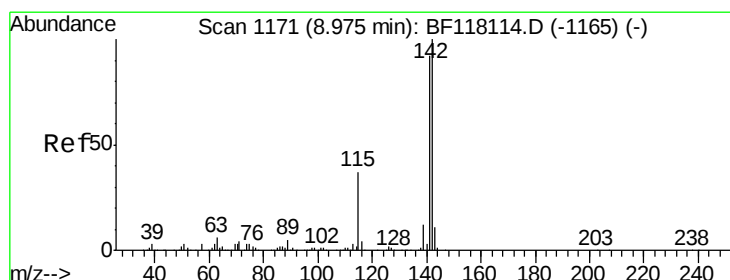
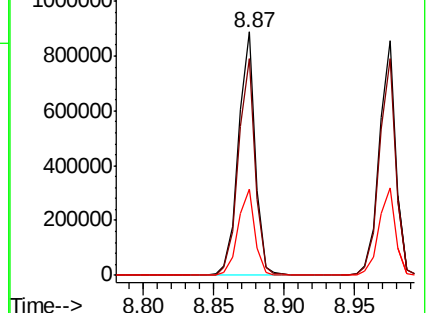
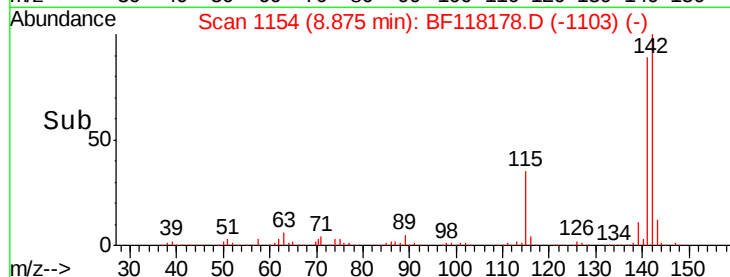
115 35.3 28.2 42.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.686 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

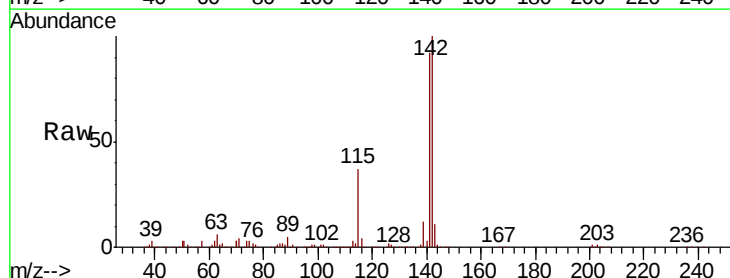
Tgt Ion:142 Resp: 692967

Ion Ratio Lower Upper

142 100

141 92.3 74.0 111.0

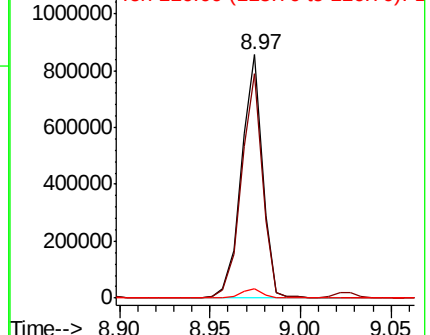
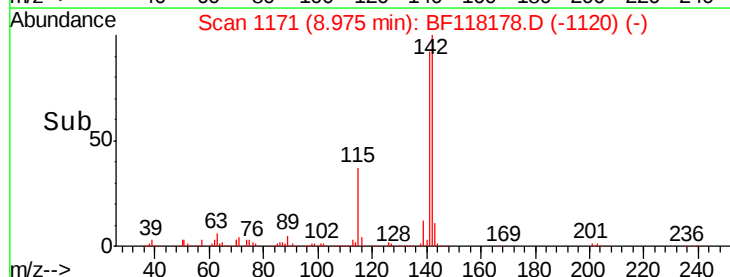
116 3.8 3.2 4.8

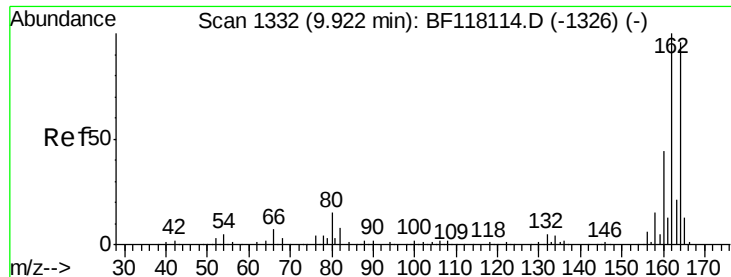


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

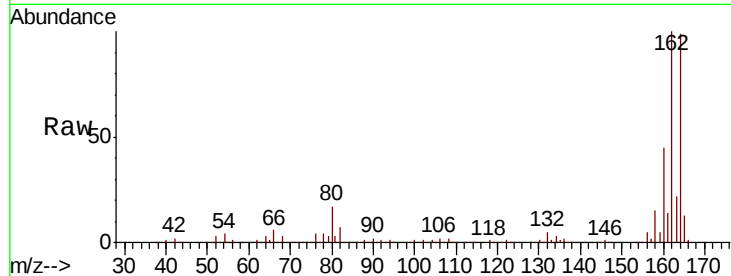




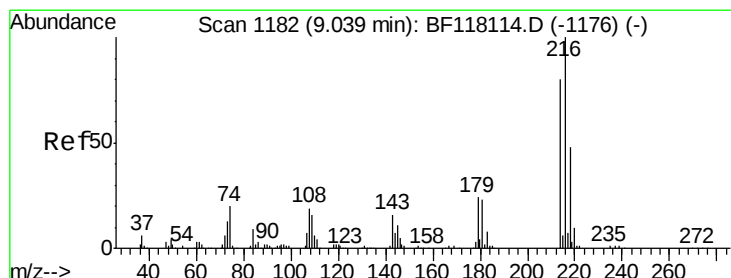
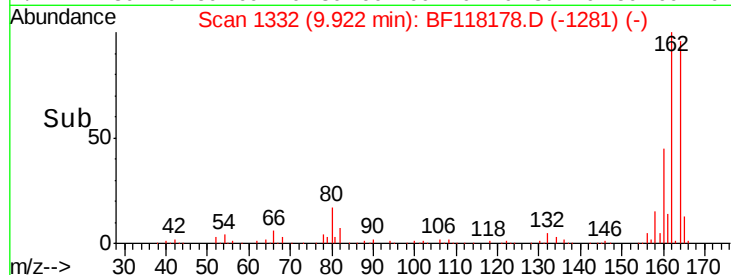
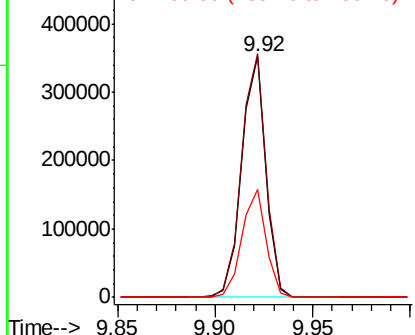
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:164 Resp: 300351  
Ion Ratio Lower Upper  
164 100  
162 101.1 83.4 125.0  
160 45.0 36.6 54.8

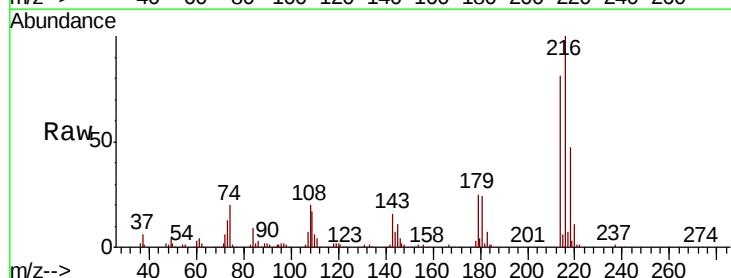


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

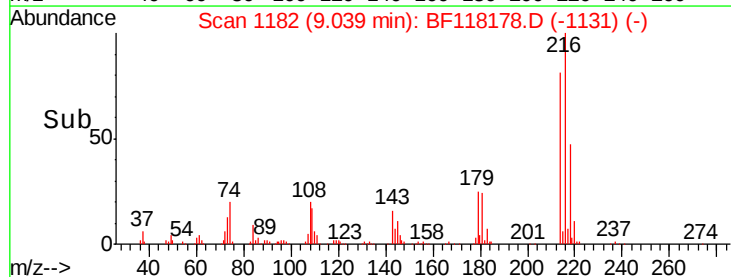
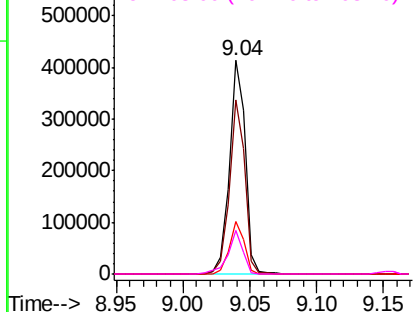


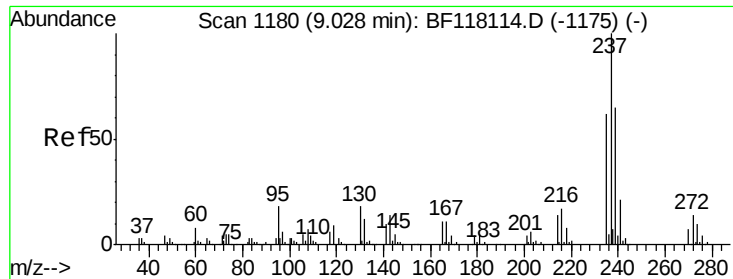
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.988 ng  
RT: 9.04 min Scan# 1182  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Tgt Ion:216 Resp: 345643  
Ion Ratio Lower Upper  
216 100  
214 79.5 63.4 95.2  
179 23.3 18.6 27.8  
108 19.2 15.4 23.0



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: 34.225 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

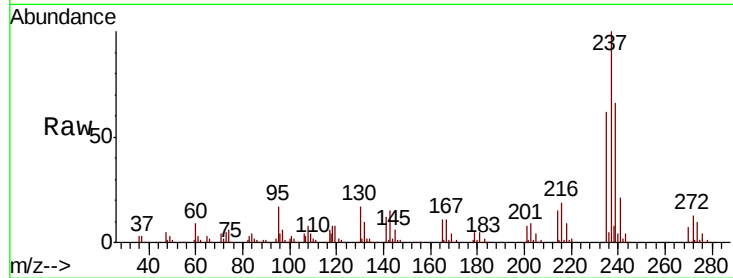
Tot Ion:237 Resp: 139522

Ion Ratio Lower Upper

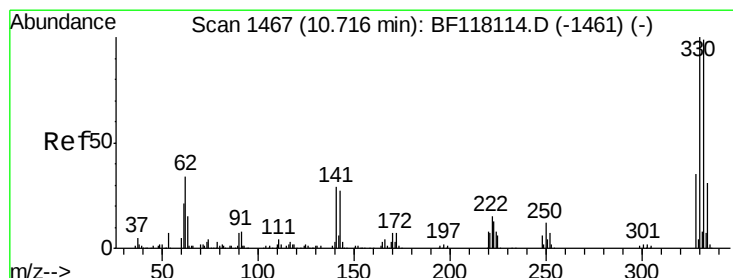
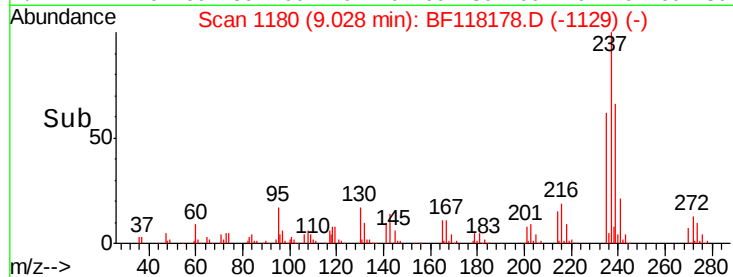
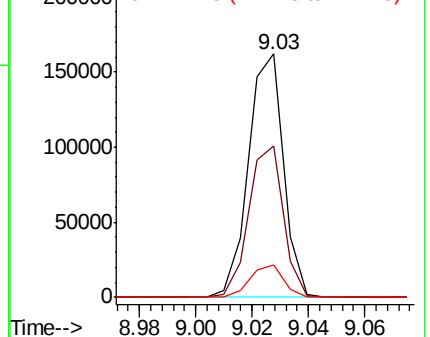
237 100

235 62.3 41.5 81.5

272 13.3 0.0 33.7



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: 77.779 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

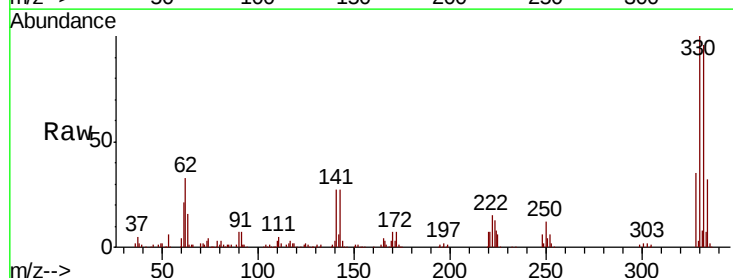
Tgt Ion:330 Resp: 283792

Ion Ratio Lower Upper

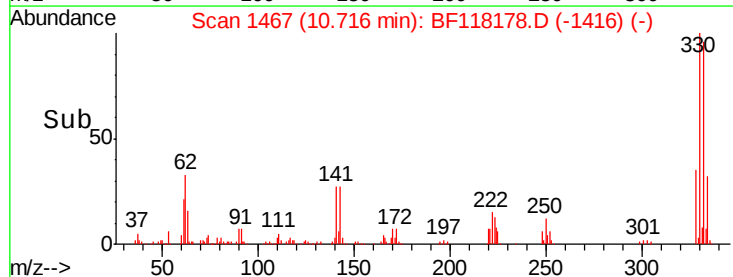
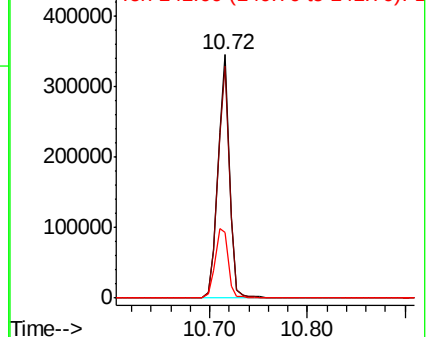
330 100

332 97.2 78.1 117.1

141 32.5 26.9 40.3



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

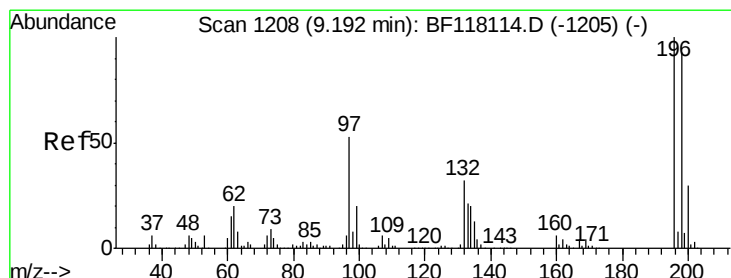
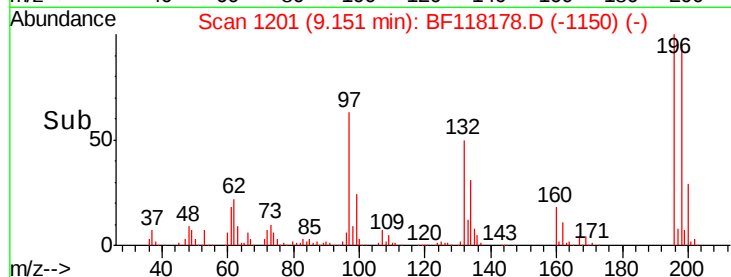
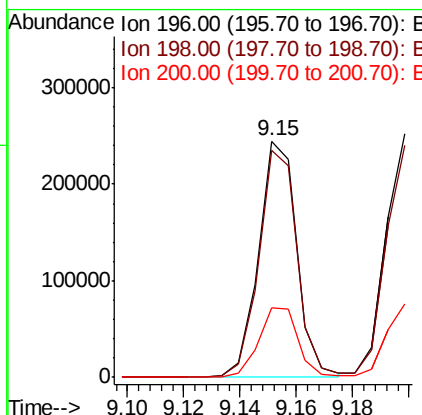
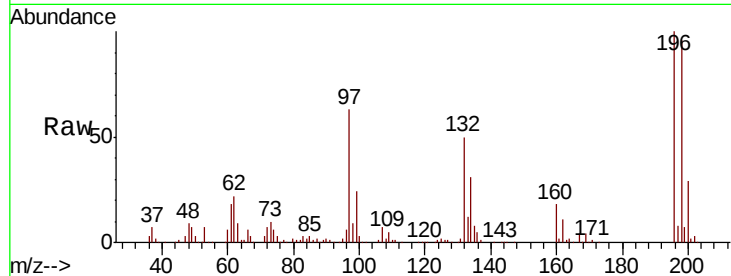




#43  
 2,4,6-Trichlorophenol  
 Concen: 37.683 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. 0.00 min  
 Lab File: BF118178.D  
 Acq: 13 Dec 2019 10:41

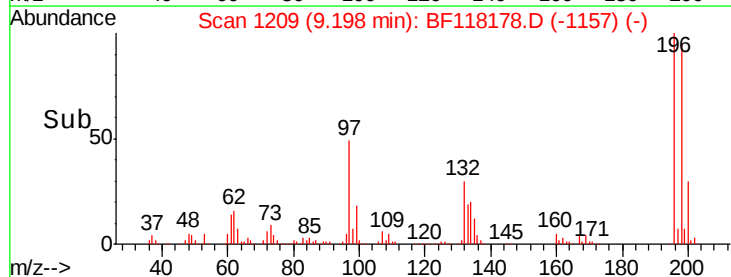
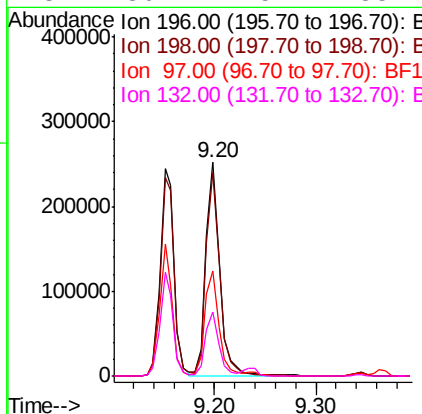
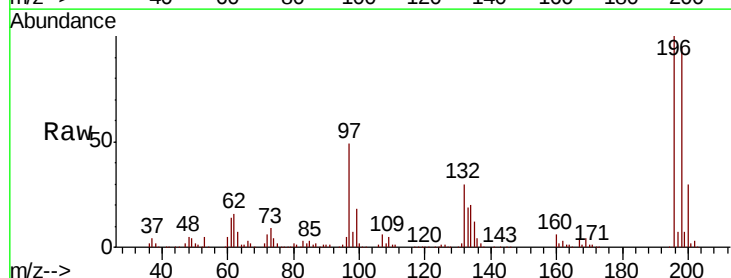
Instrument :  
 BNA\_F  
 ClientSampleId :

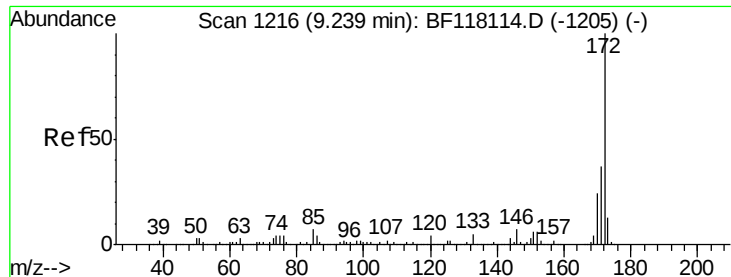
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.9  | 75.0  | 112.4 |
| 200     | 29.3  | 24.5  | 36.7  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 38.223 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. 0.01 min  
 Lab File: BF118178.D  
 Acq: 13 Dec 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.4  | 74.2  | 111.4 |
| 97      | 49.3  | 42.5  | 63.7  |
| 132     | 30.2  | 25.4  | 38.2  |



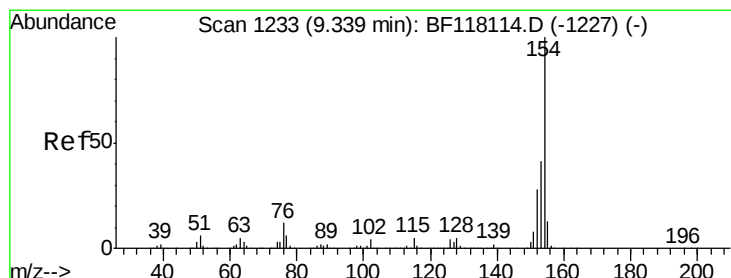
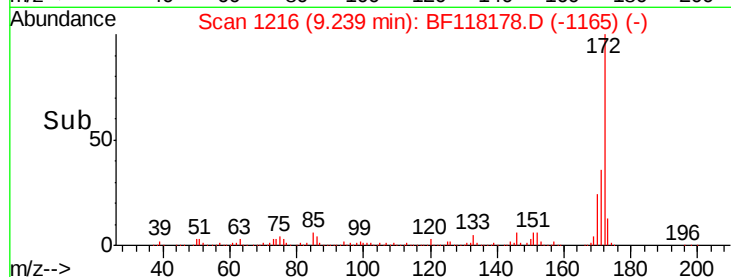
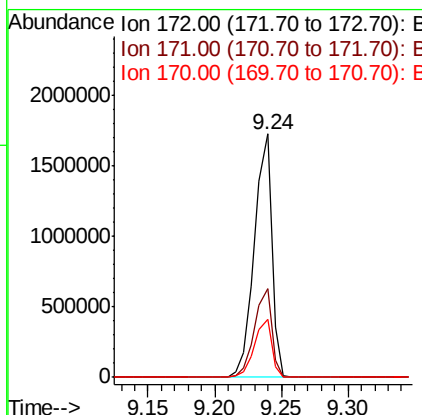
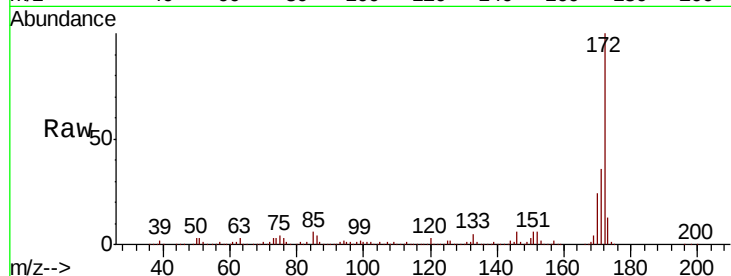


#45  
 2-Fluorobiphenyl  
 Concen: 77.959 ng  
 RT: 9.24 min Scan# 1216  
 Delta R.T. 0.00 min  
 Lab File: BF118178.D  
 Acq: 13 Dec 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:172 Resp: 1538798  

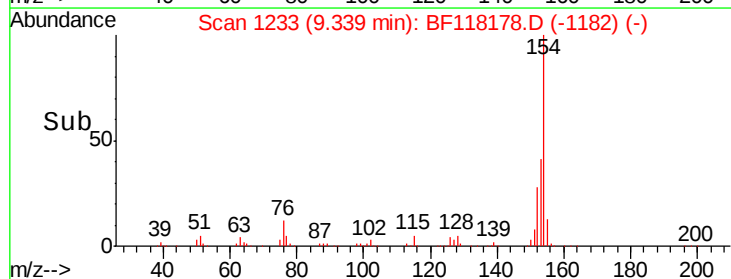
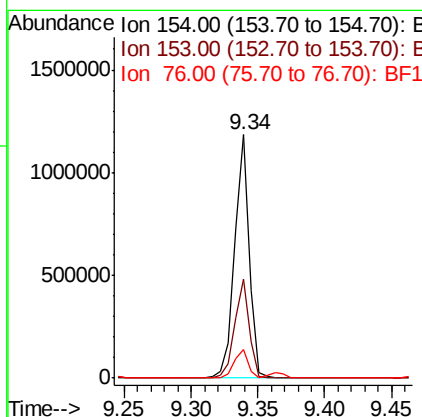
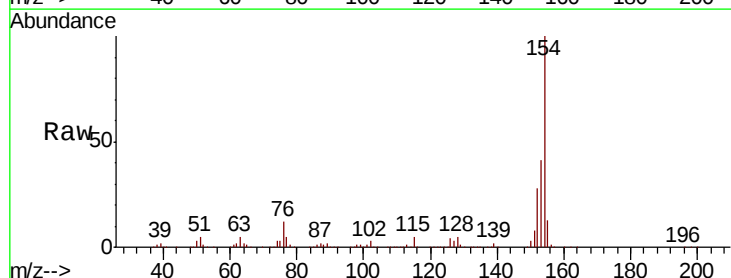
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.4  | 29.2  | 43.8  |
| 170 | 23.7  | 19.4  | 29.2  |



#46  
 1,1'-Biphenyl  
 Concen: 38.613 ng  
 RT: 9.34 min Scan# 1233  
 Delta R.T. 0.00 min  
 Lab File: BF118178.D  
 Acq: 13 Dec 2019 10:41

Tgt Ion:154 Resp: 914674  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.8  | 20.7  | 60.7  |
| 76  | 11.5  | 0.0   | 31.9  |

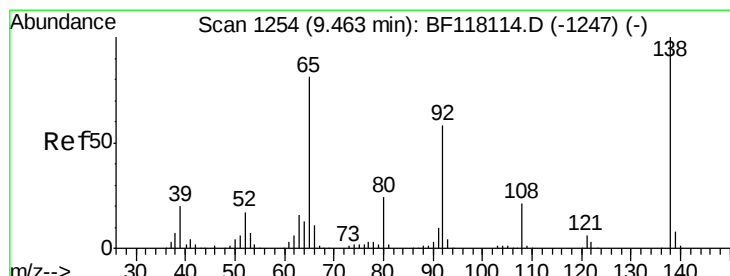
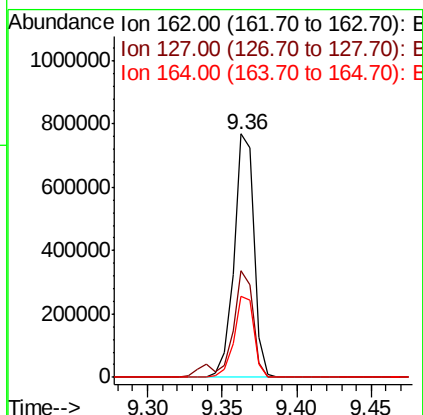
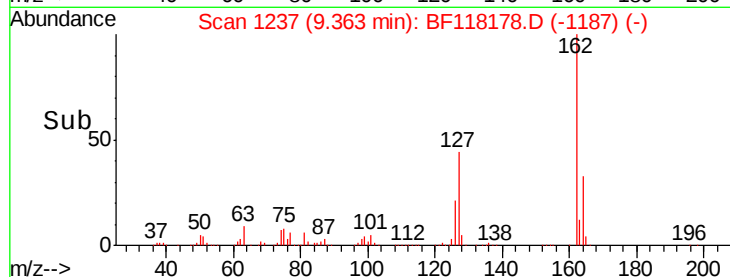
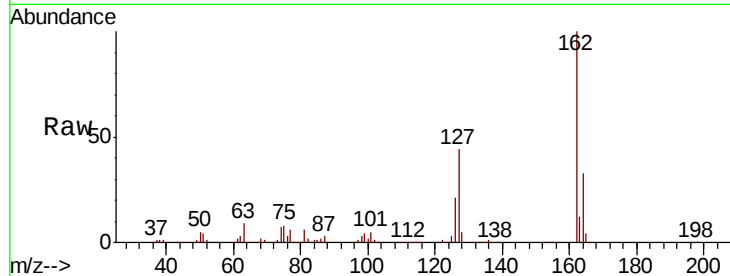




#47  
 2-Chloronaphthalene  
 Concen: 38.024 ng  
 RT: 9.36 min Scan# 1237  
 Delta R.T. -0.01 min  
 Lab File: BF118178.D  
 Acq: 13 Dec 2019 10:41

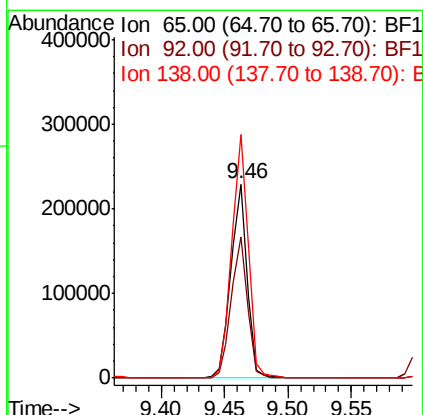
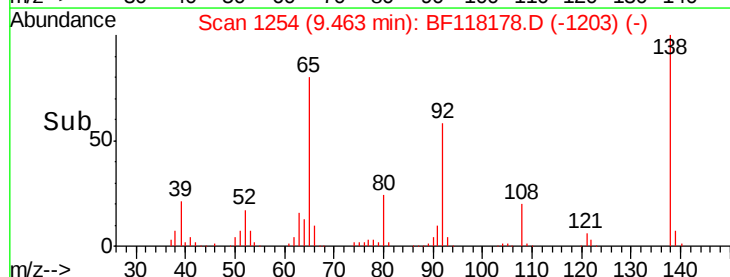
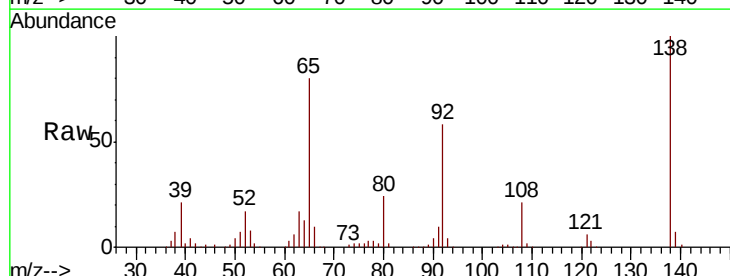
Instrument :  
 BNA\_F  
 ClientSampleId :

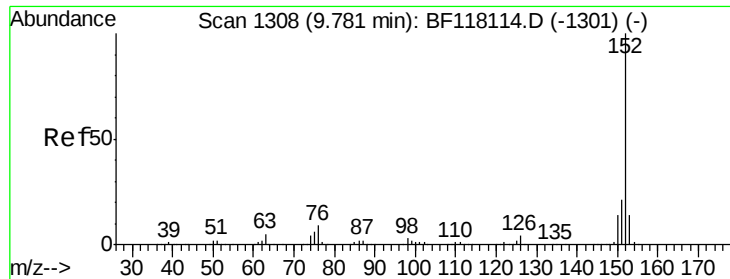
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.7  | 32.0  | 48.0  |
| 164     | 33.4  | 26.1  | 39.1  |



#48  
 2-Nitroaniline  
 Concen: 37.518 ng  
 RT: 9.46 min Scan# 1254  
 Delta R.T. 0.00 min  
 Lab File: BF118178.D  
 Acq: 13 Dec 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 73.0  | 57.8  | 86.6  |
| 138     | 125.4 | 98.8  | 148.2 |





#49

Acenaphthylene

Concen: 38.208 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

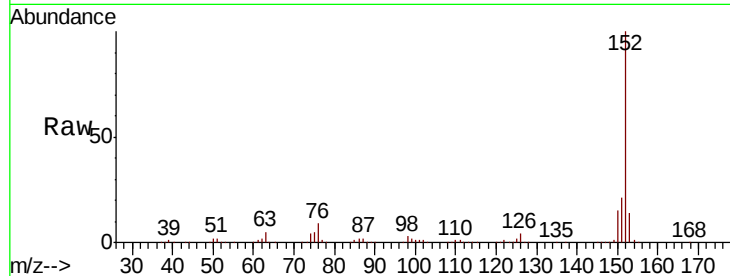
Tot Ion:152 Resp: 1073840

Ion Ratio Lower Upper

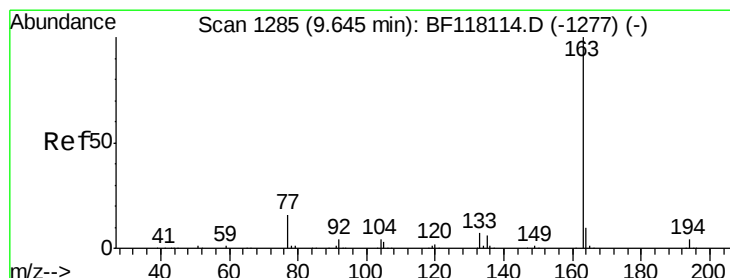
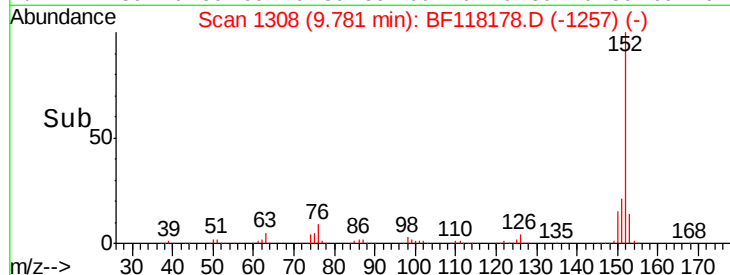
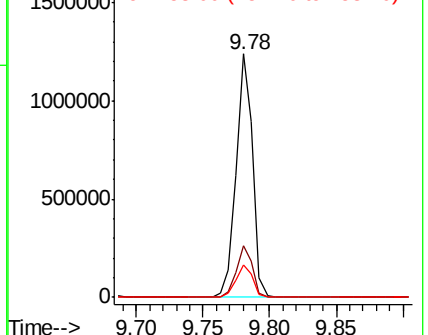
152 100

151 21.0 16.4 24.6

153 13.6 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.470 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

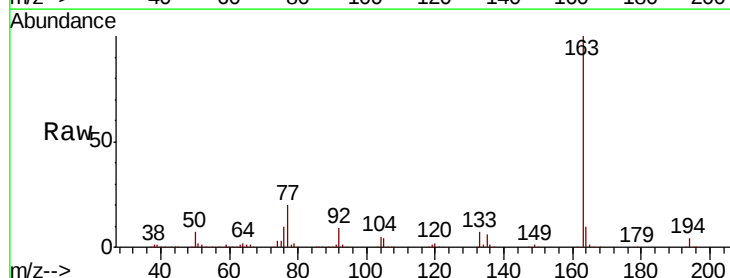
Tgt Ion:163 Resp: 853454

Ion Ratio Lower Upper

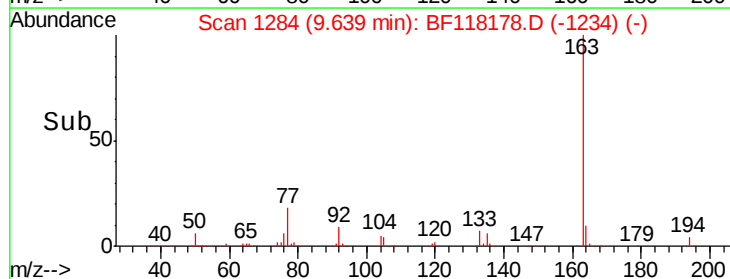
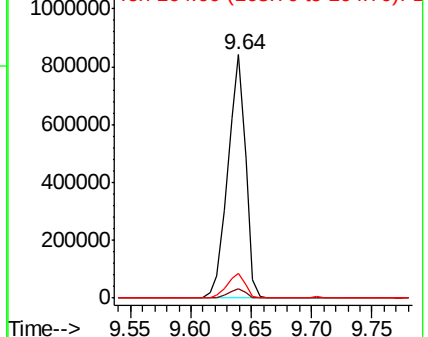
163 100

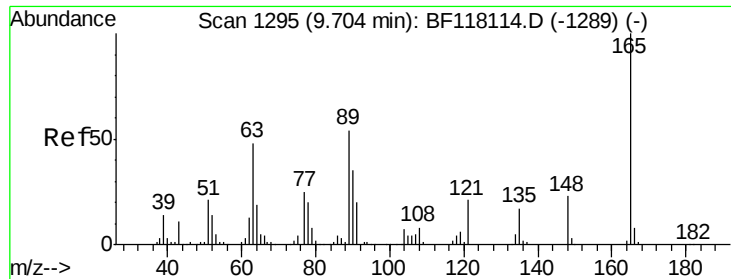
194 3.8 3.1 4.7

164 10.3 7.7 11.5



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

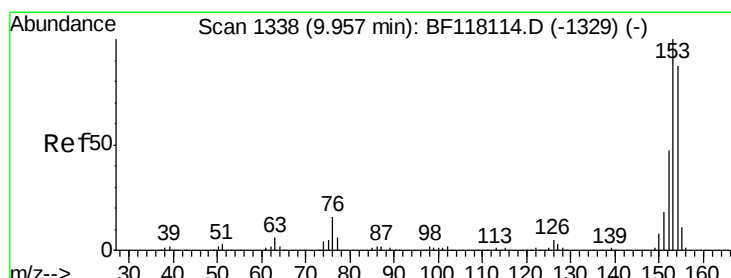
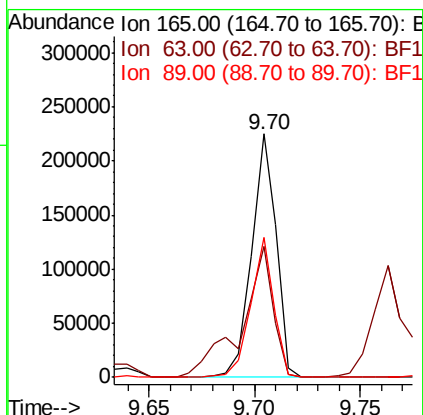
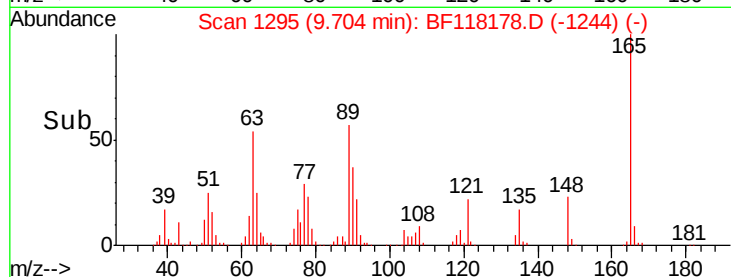
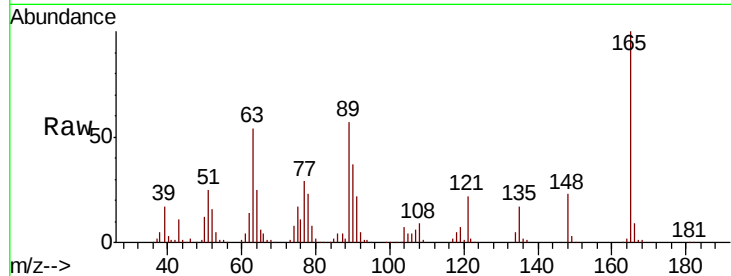




#51  
2,6-Dinitrotoluene  
Concen: 37.556 ng  
RT: 9.70 min Scan# 1295  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

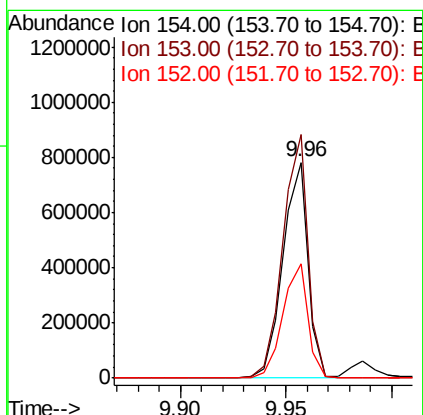
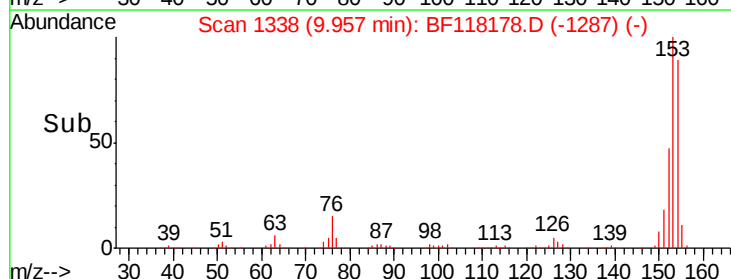
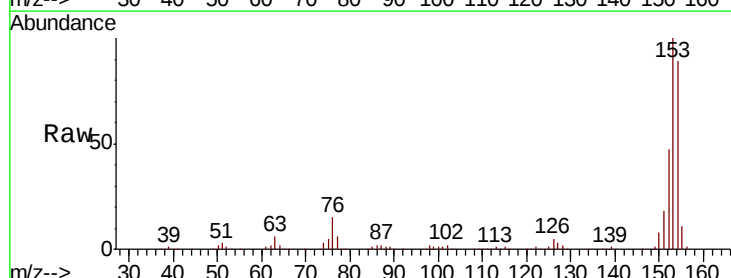
Instrument :  
BNA\_F  
ClientSampled :

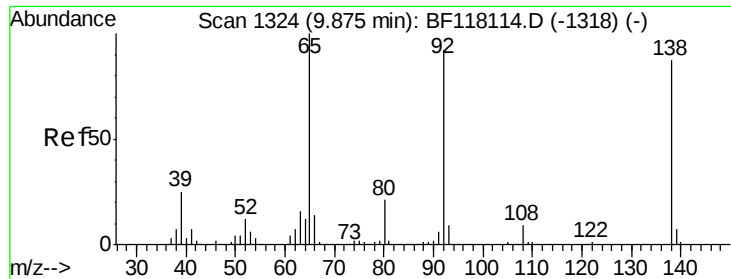
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 53.9  | 41.4  | 62.0  |
| 89      | 57.3  | 42.9  | 64.3  |



#52  
Acenaphthene  
Concen: 38.025 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.9 | 91.8  | 137.6 |
| 152     | 52.8  | 43.3  | 64.9  |

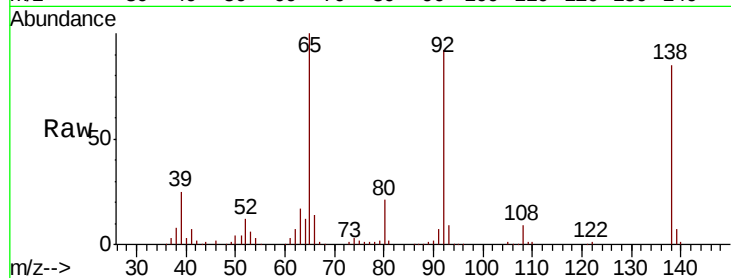




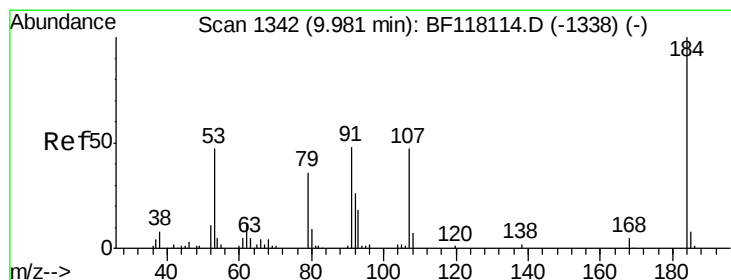
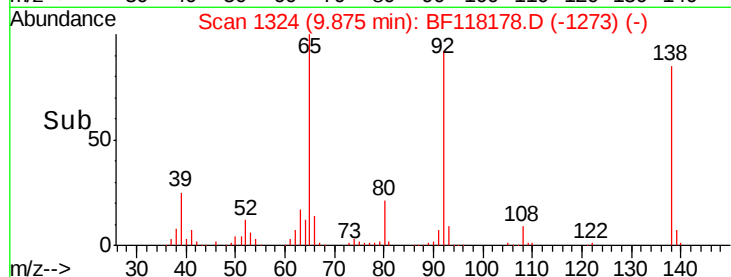
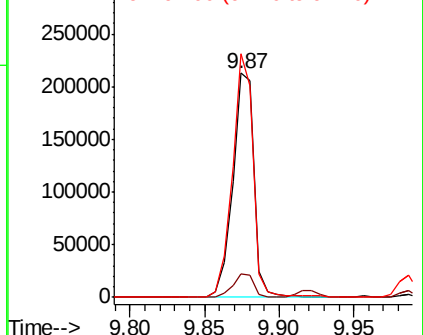
#53  
3-Nitroaniline  
Concen: 37.577 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 213328  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.2 12.4  
92 108.6 84.9 127.3

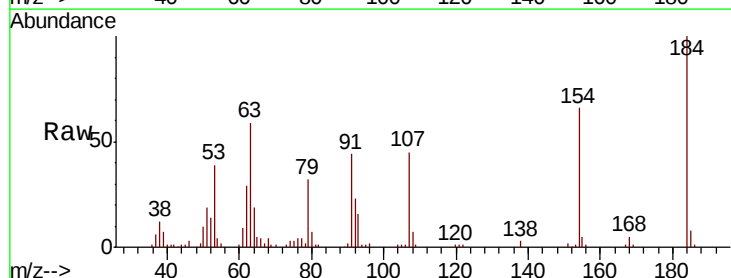


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

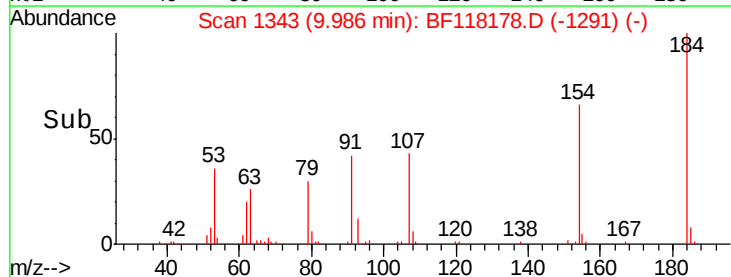
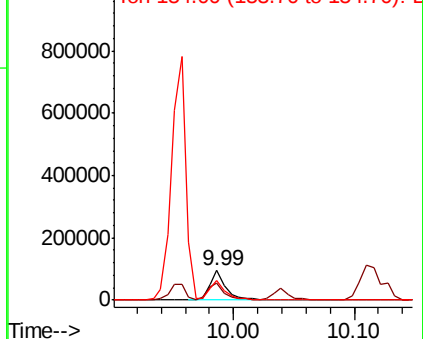


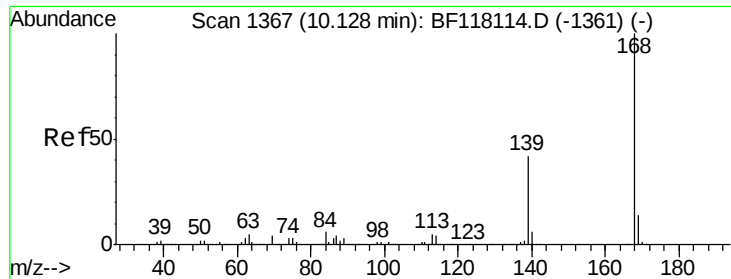
#54  
2,4-Dinitrophenol  
Concen: 37.145 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. 0.01 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Tgt Ion:184 Resp: 89149  
Ion Ratio Lower Upper  
184 100  
63 59.3 53.9 80.9  
154 65.8 56.3 84.5



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

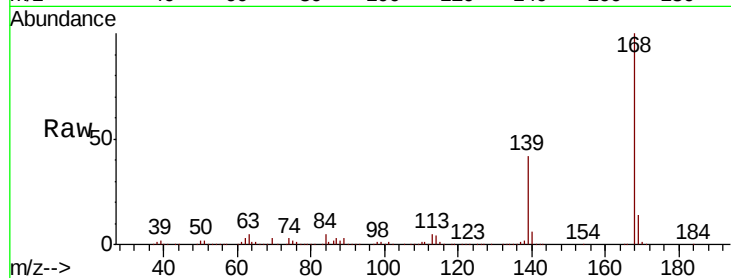




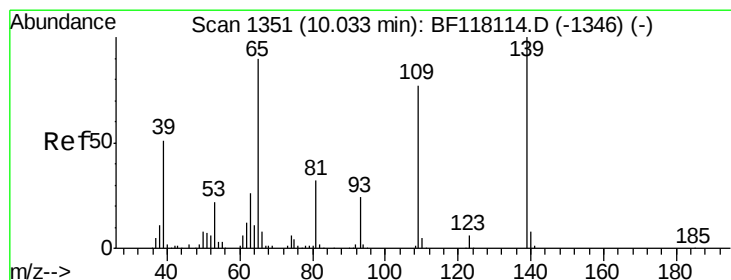
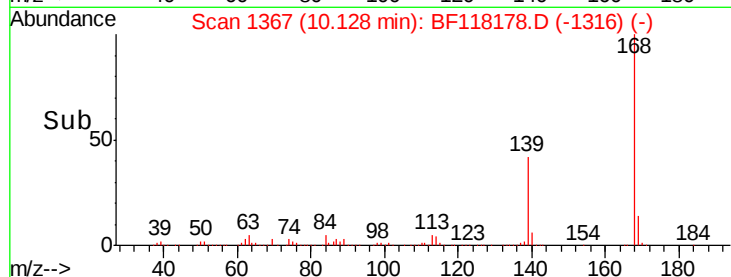
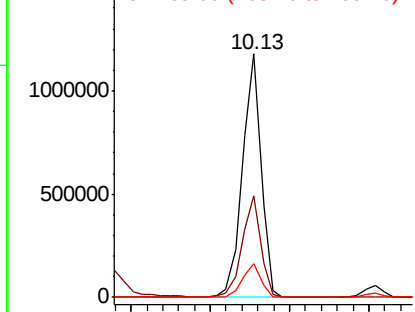
#55  
Dibenzofuran  
Concen: 38.130 ng  
RT: 10.13 min Scan# 1367  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 958435  
Ion Ratio Lower Upper  
168 100  
139 41.6 33.4 50.0  
169 13.7 11.0 16.6

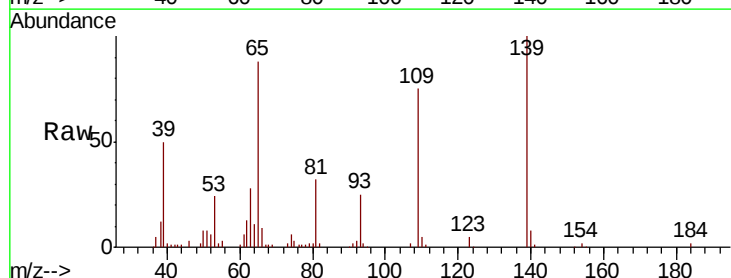


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

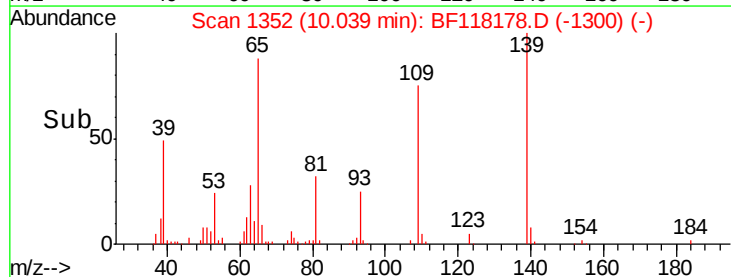
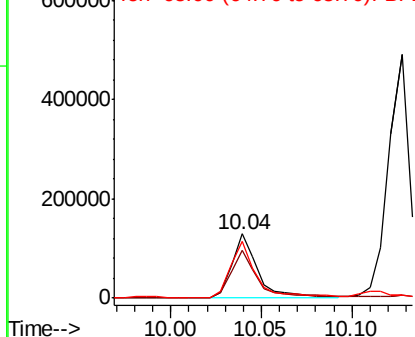


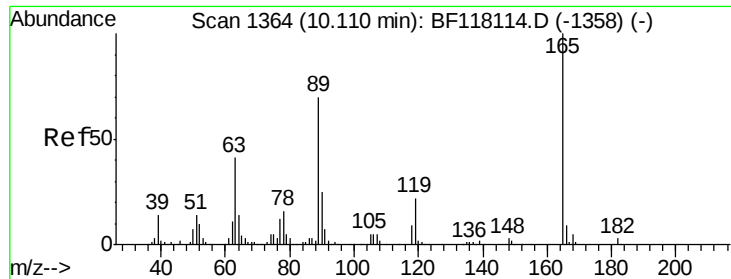
#56  
4-Nitrophenol  
Concen: 33.487 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. 0.01 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Tgt Ion:139 Resp: 131934  
Ion Ratio Lower Upper  
139 100  
109 75.2 57.3 97.3  
65 88.4 70.2 110.2



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

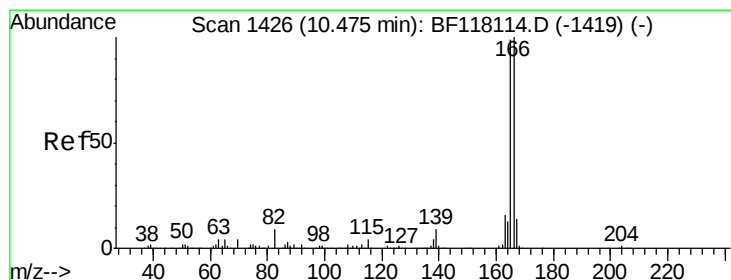
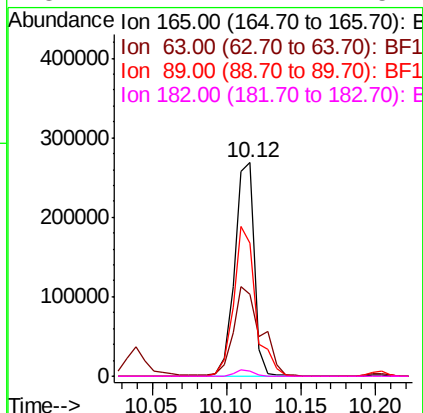
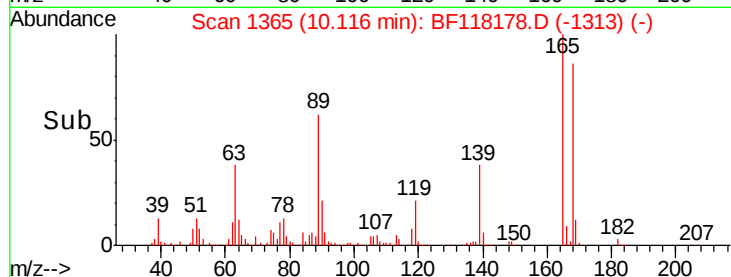
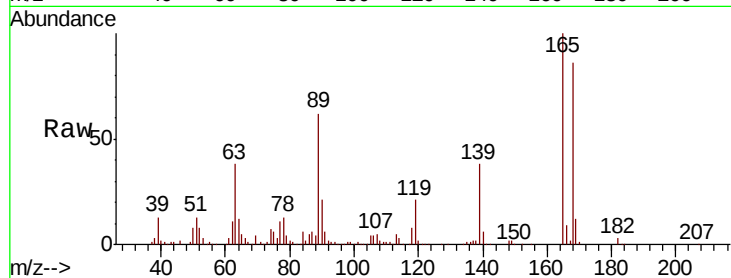




#57  
2,4-Dinitrotoluene  
Concen: 38.739 ng  
RT: 10.12 min Scan# 1365  
Delta R.T. 0.01 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

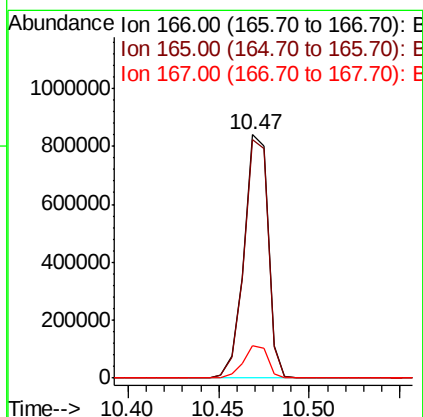
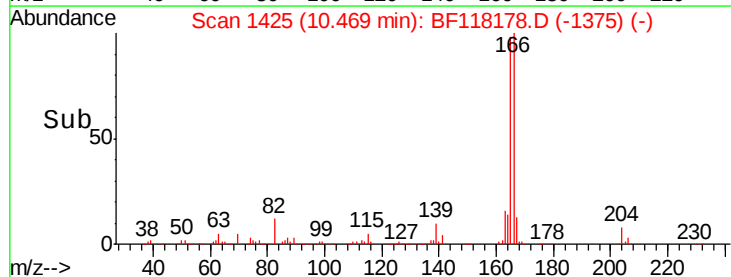
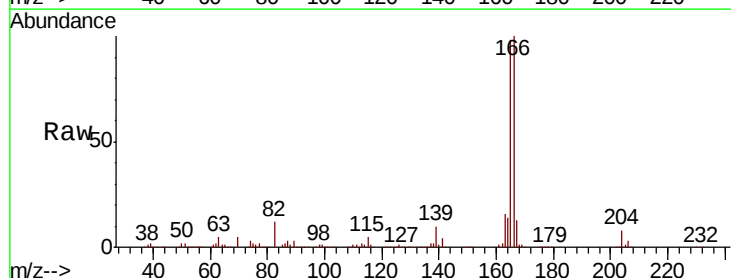
Instrument :  
BNA\_F  
ClientSampleId :

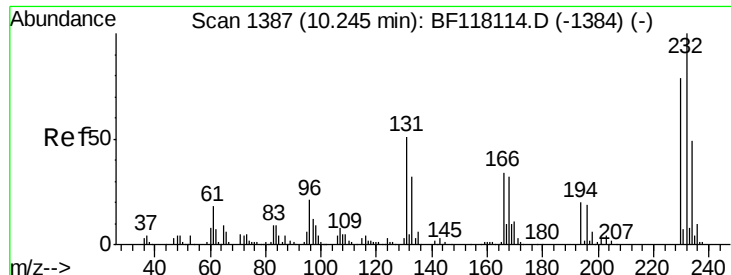
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 38.2  | 32.6  | 49.0  |
| 89      | 62.5  | 56.1  | 84.1  |
| 182     | 2.7   | 2.1   | 3.1   |



#58  
Fluorene  
Concen: 38.829 ng  
RT: 10.47 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.0  | 79.0  | 118.4 |
| 167     | 13.5  | 10.9  | 16.3  |

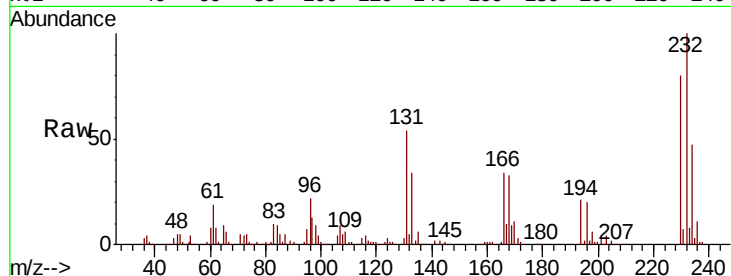




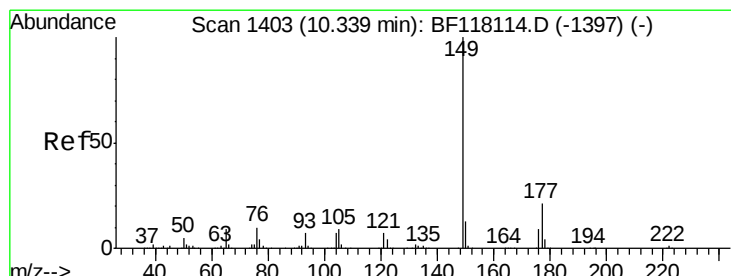
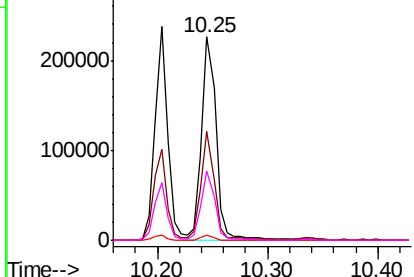
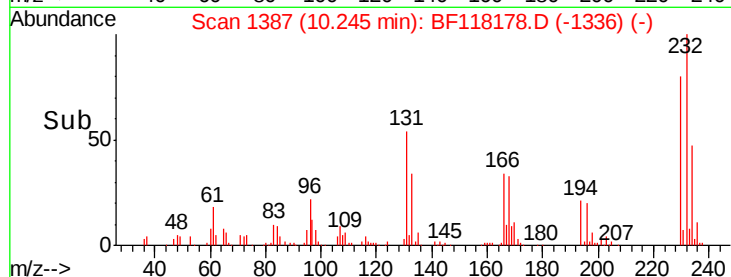
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.262 ng  
RT: 10.25 min Scan# 1387  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 49.9  | 38.8  | 58.2  |
| 130     | 2.4   | 1.9   | 2.9   |
| 166     | 32.2  | 25.4  | 38.0  |

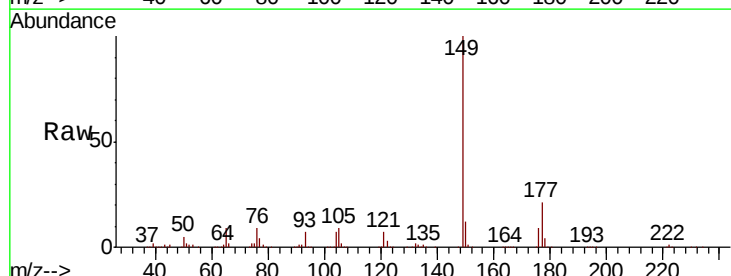


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

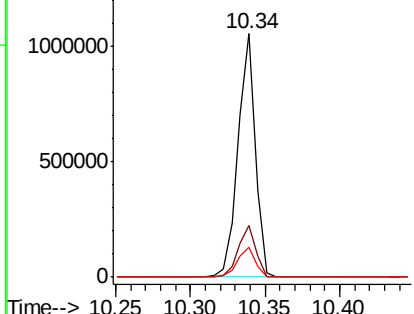
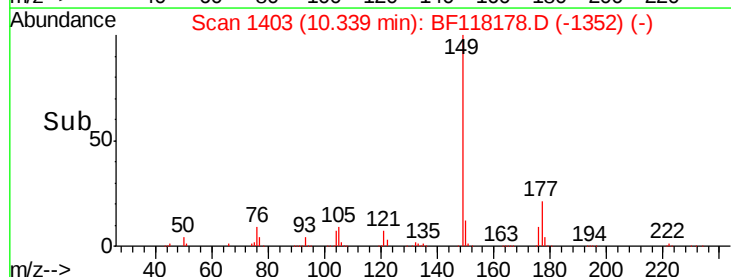


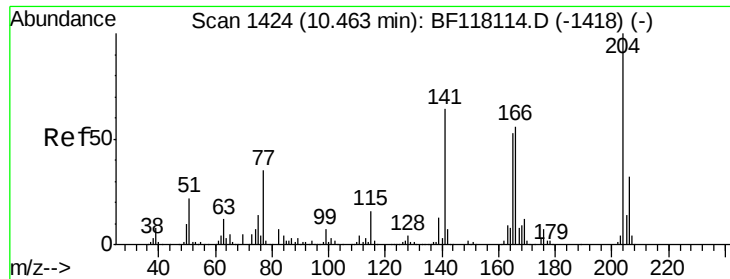
#60  
Diethylphthalate  
Concen: 39.266 ng  
RT: 10.34 min Scan# 1403  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.4  | 17.0  | 25.4  |
| 150     | 12.4  | 10.1  | 15.1  |



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

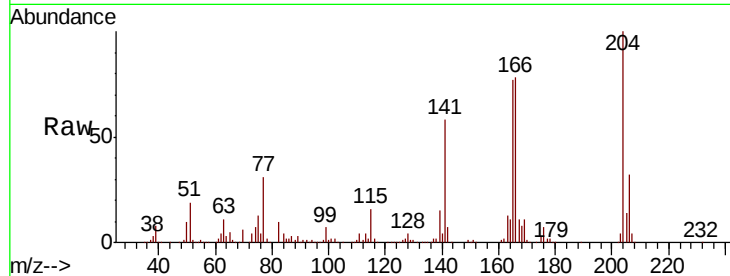




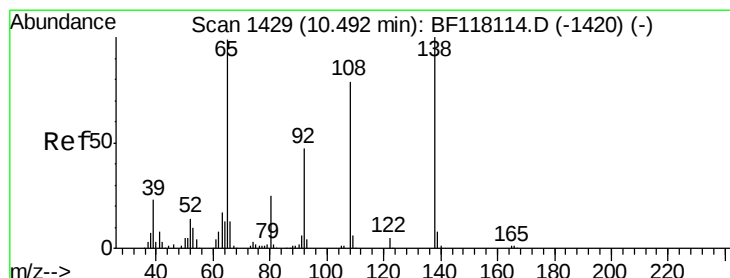
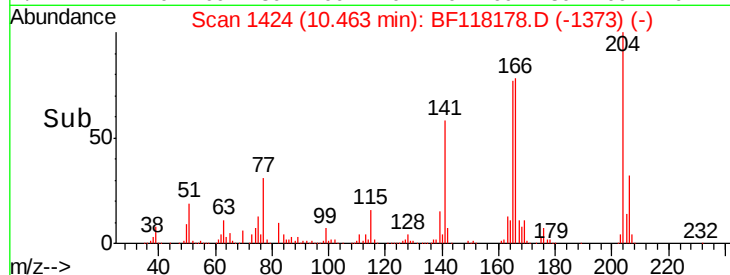
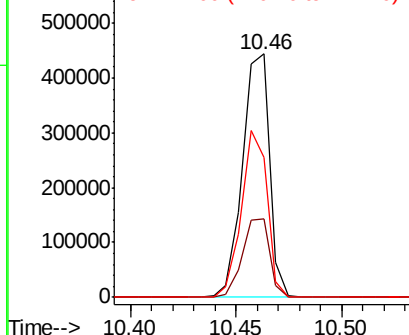
#61  
4-Chlorophenyl-phenylether  
Concen: 39.180 ng  
RT: 10.46 min Scan# 1424  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:204 Resp: 393783  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.0 39.0  
141 57.5 51.0 76.6

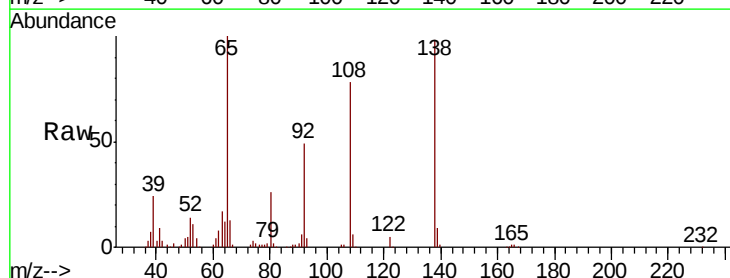


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

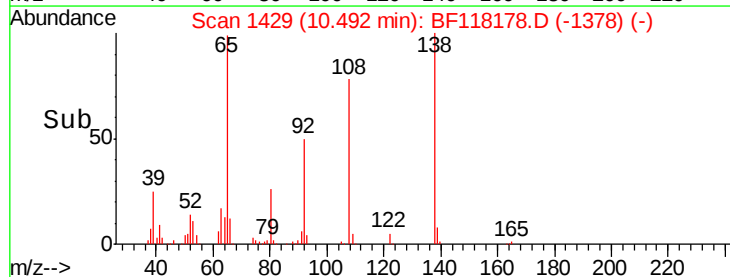
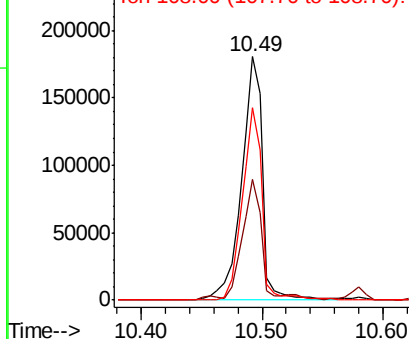


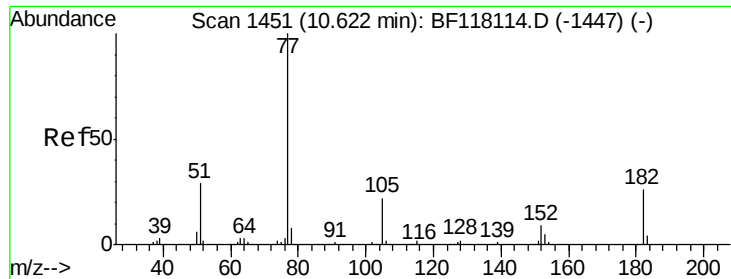
#62  
4-Nitroaniline  
Concen: 36.706 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Tgt Ion:138 Resp: 217335  
Ion Ratio Lower Upper  
138 100  
92 49.8 27.1 67.1  
108 79.0 59.0 99.0



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

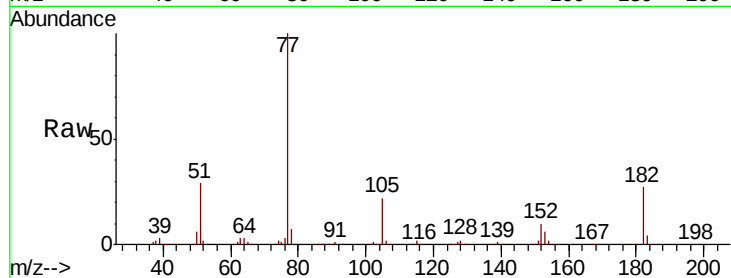




#63  
Azobenzene  
Concen: 38.713 ng  
RT: 10.62 min Scan# 1451  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.9  | 5.7   | 45.7  |
| 105     | 22.0  | 2.2   | 42.2  |
| 51      | 29.2  | 9.6   | 49.6  |



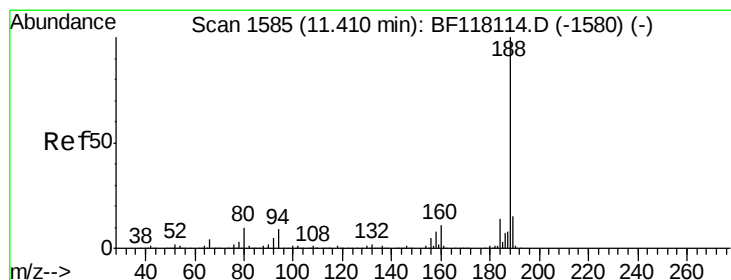
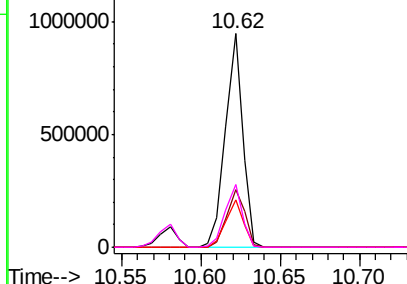
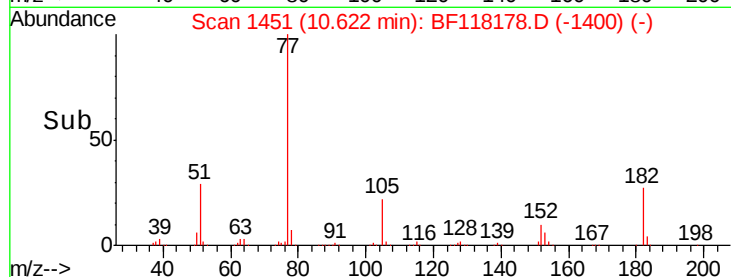
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

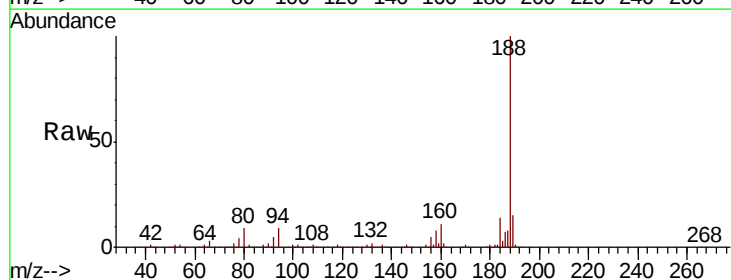
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.41 min Scan# 1585  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.1   | 7.1   | 10.7  |
| 80      | 9.4   | 7.9   | 11.9  |

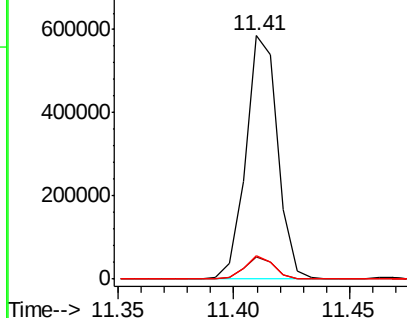
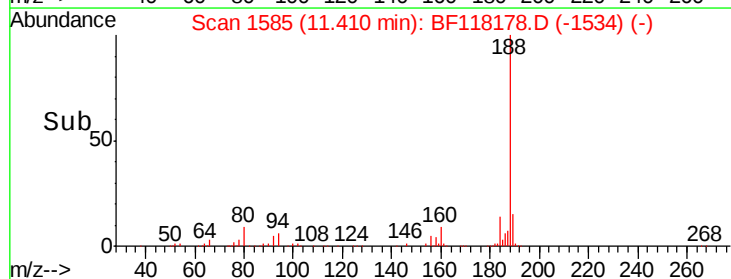


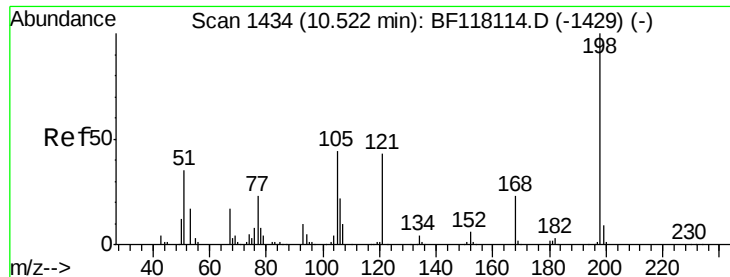
Abundance

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

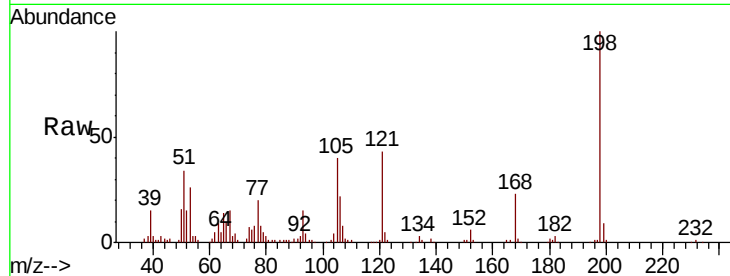




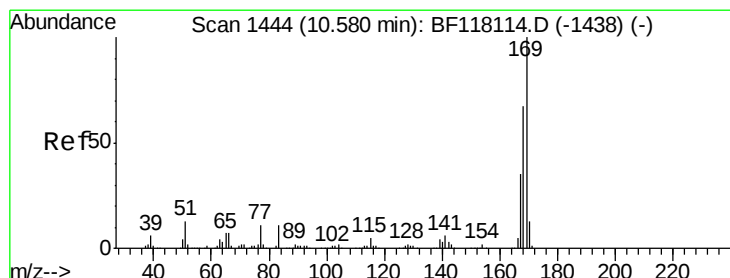
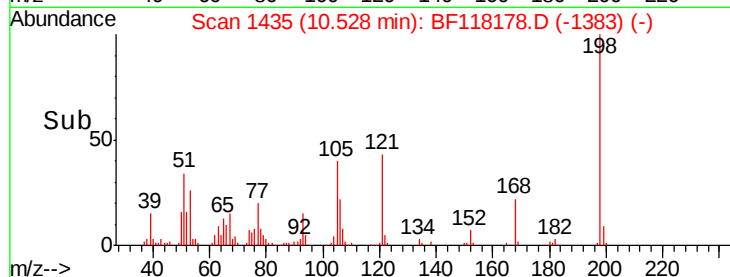
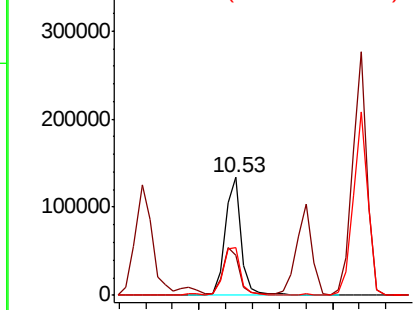
#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.801 ng  
RT: 10.53 min Scan# 1435  
Delta R.T. 0.01 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:198 Resp: 114285  
Ion Ratio Lower Upper  
198 100  
51 33.8 22.0 62.0  
105 40.2 25.6 65.6

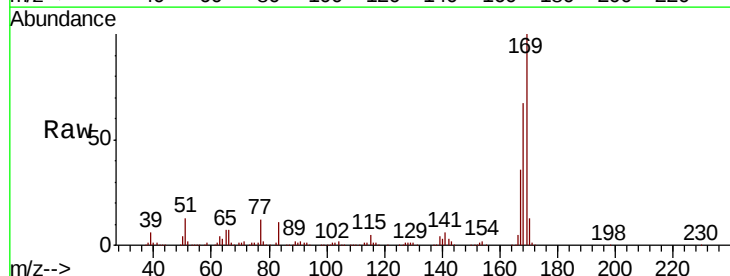


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

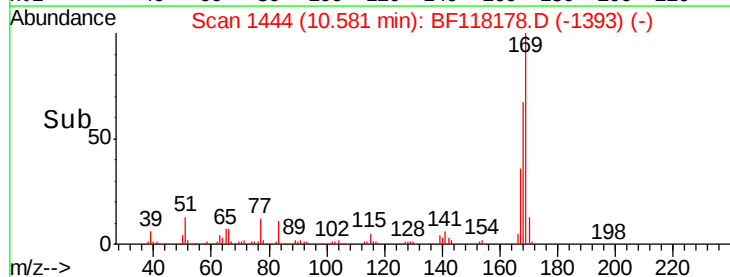
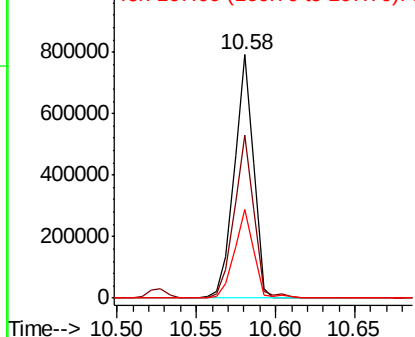


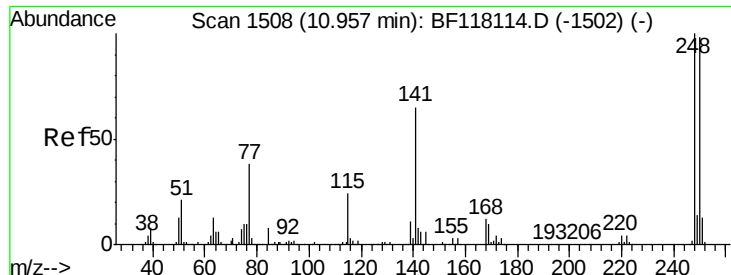
#66  
n-Nitrosodiphenylamine  
Concen: 38.118 ng  
RT: 10.58 min Scan# 1444  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Tgt Ion:169 Resp: 669387  
Ion Ratio Lower Upper  
169 100  
168 67.0 53.4 80.2  
167 36.4 28.4 42.6



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

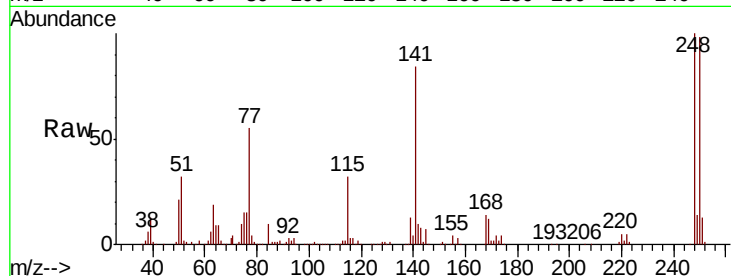




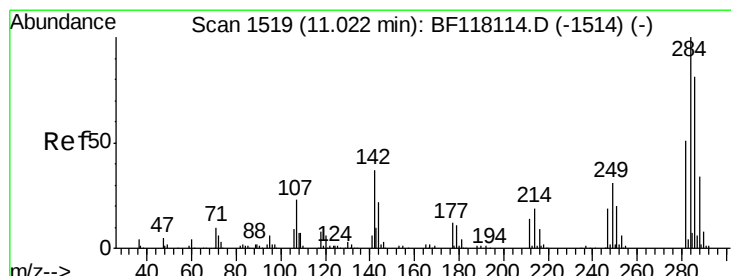
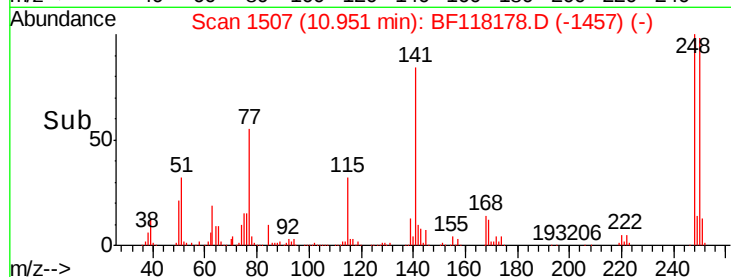
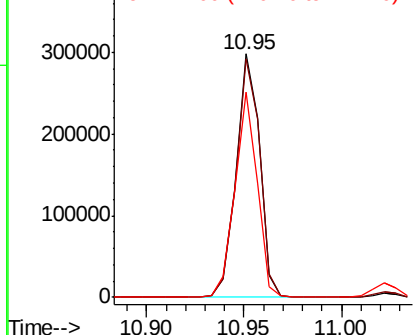
#67  
4-Bromophenyl-phenylether  
Concen: 38.824 ng  
RT: 10.95 min Scan# 1507  
Delta R.T. -0.01 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:248 Resp: 249216  
Ion Ratio Lower Upper  
248 100  
250 97.9 78.3 117.5  
141 84.2 52.2 78.4#

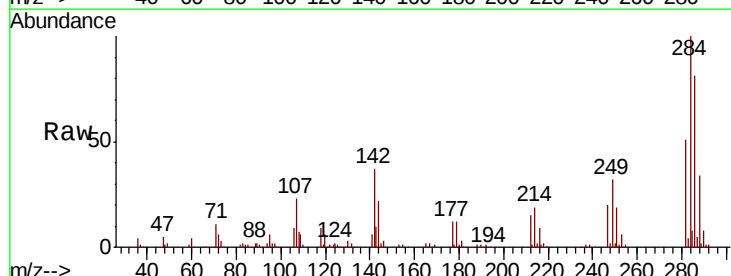


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

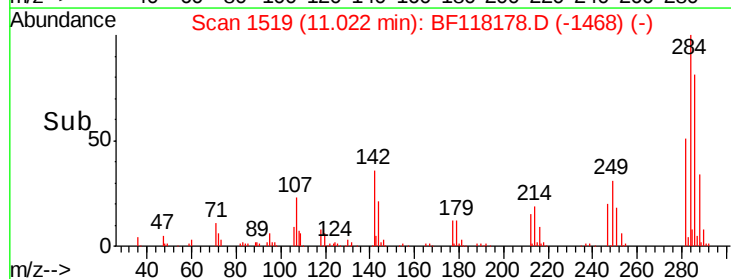
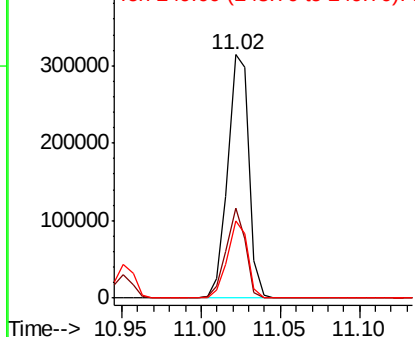


#68  
Hexachlorobenzene  
Concen: 38.608 ng  
RT: 11.02 min Scan# 1519  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Tgt Ion:284 Resp: 291704  
Ion Ratio Lower Upper  
284 100  
142 36.8 29.7 44.5  
249 31.5 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

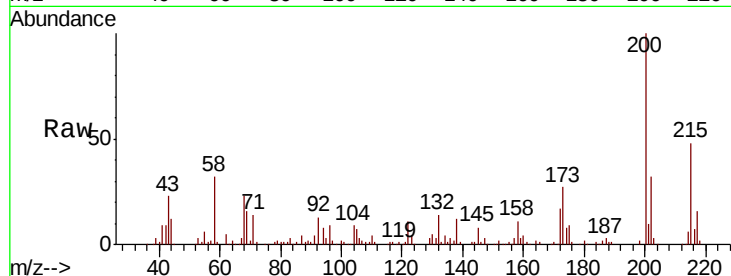




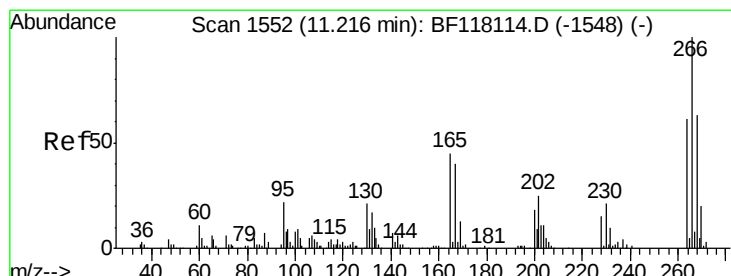
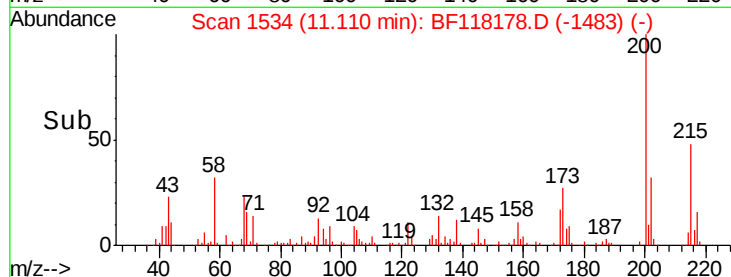
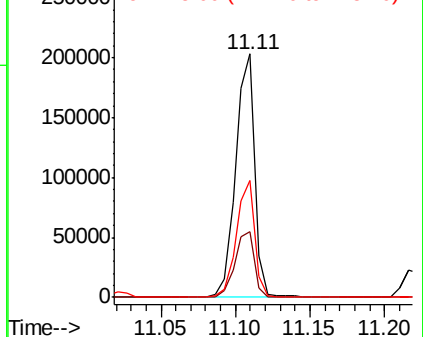
#69  
Atrazine  
Concen: 36.517 ng  
RT: 11.11 min Scan# 1534  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:200 Resp: 182283  
Ion Ratio Lower Upper  
200 100  
173 27.2 8.1 48.1  
215 48.2 29.0 69.0

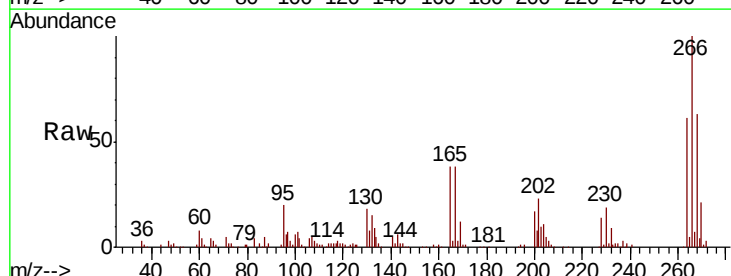


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

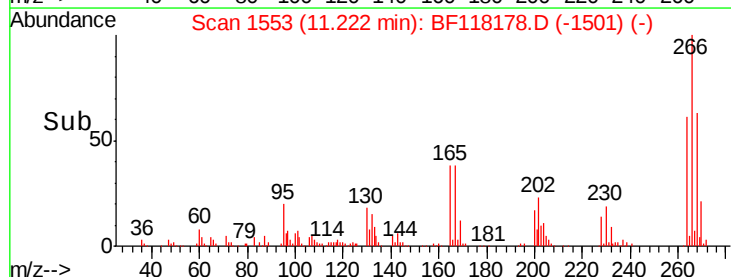
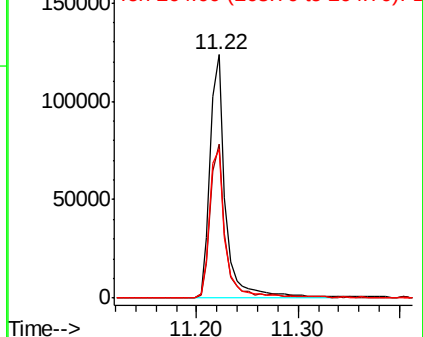


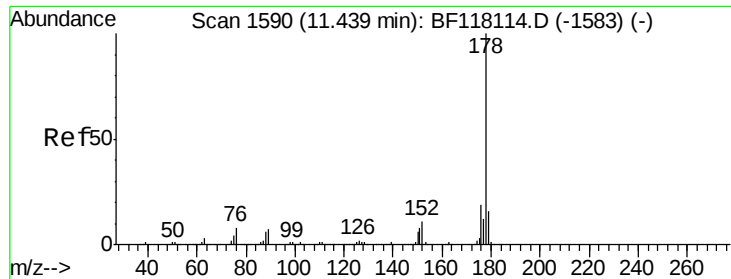
#70  
Pentachlorophenol  
Concen: 37.169 ng  
RT: 11.22 min Scan# 1553  
Delta R.T. 0.01 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Tgt Ion:266 Resp: 132067  
Ion Ratio Lower Upper  
266 100  
268 63.3 50.7 76.1  
264 61.2 48.7 73.1



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

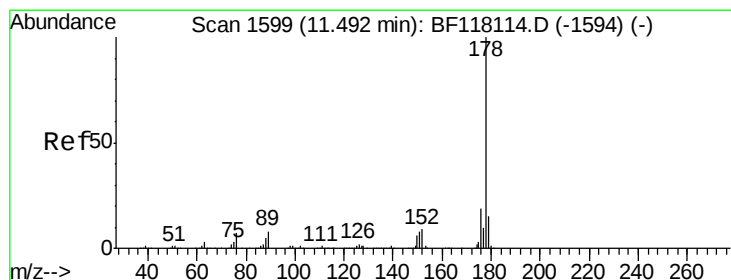
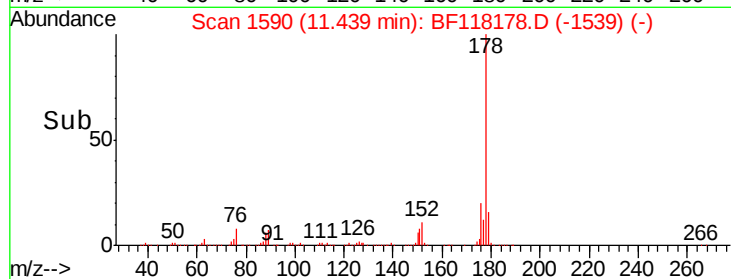
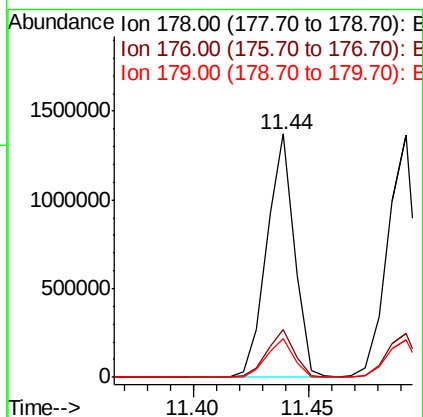
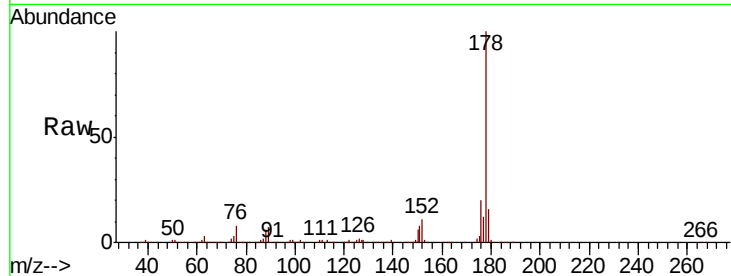




#71  
Phenanthrene  
Concen: 37.973 ng  
RT: 11.44 min Scan# 1590  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

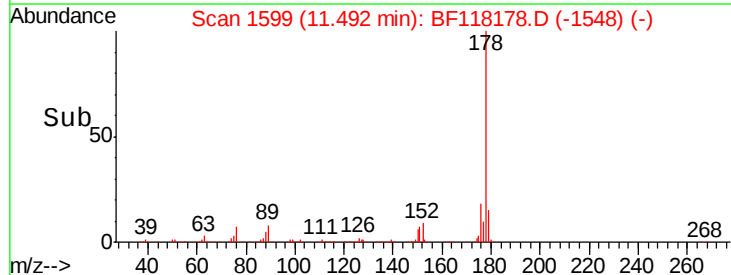
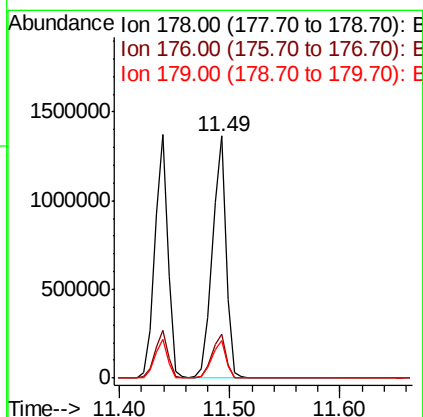
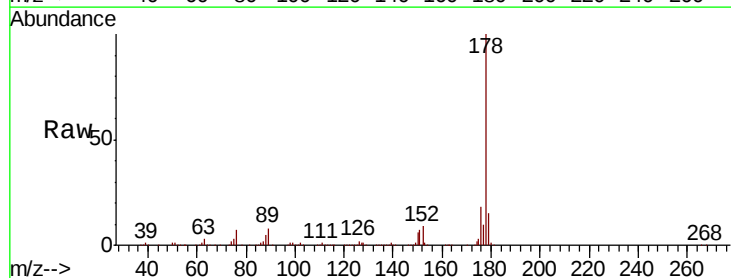
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:178 Resp: 1135144  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.5 23.3  
179 15.7 12.6 18.8



#72  
Anthracene  
Concen: 38.568 ng  
RT: 11.49 min Scan# 1599  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Tgt Ion:178 Resp: 1150115  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.0 22.6  
179 15.3 12.2 18.4

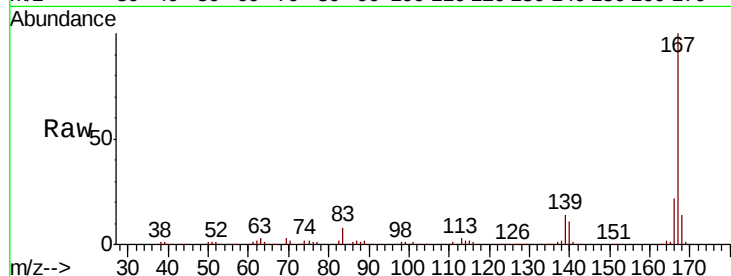




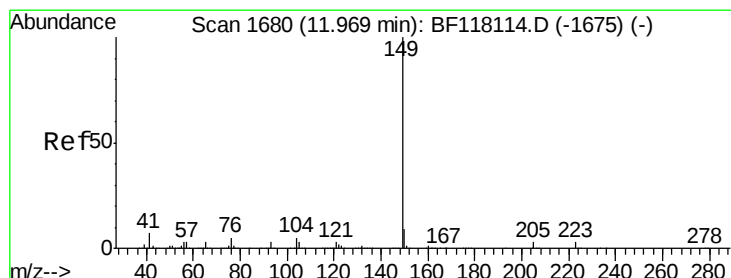
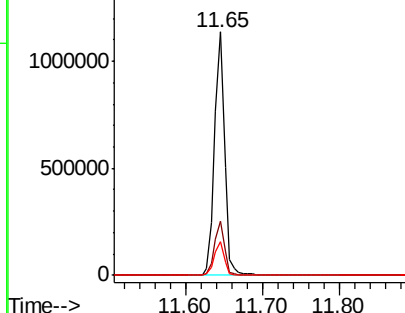
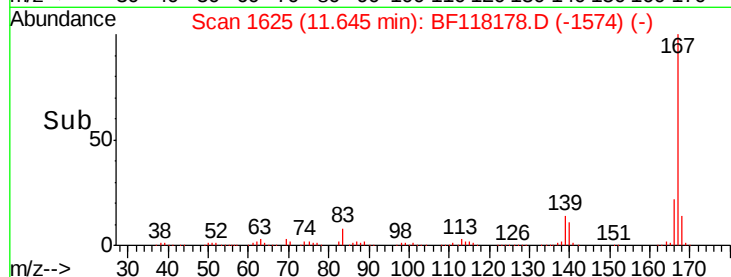
#73  
 Carbazole  
 Concen: 37.723 ng  
 RT: 11.65 min Scan# 1625  
 Delta R.T. 0.00 min  
 Lab File: BF118178.D  
 Acq: 13 Dec 2019 10:41

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:167 Resp: 1009316  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.4 26.2  
 139 13.9 11.4 17.0

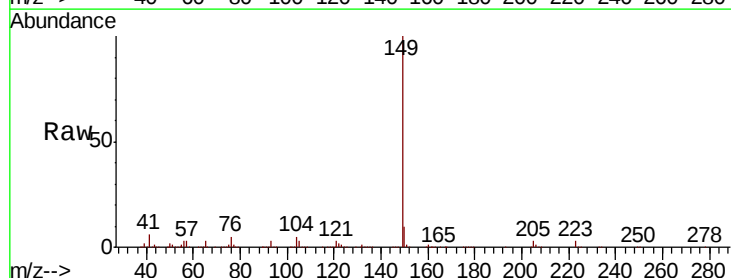


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

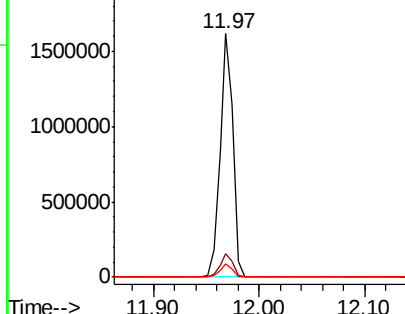
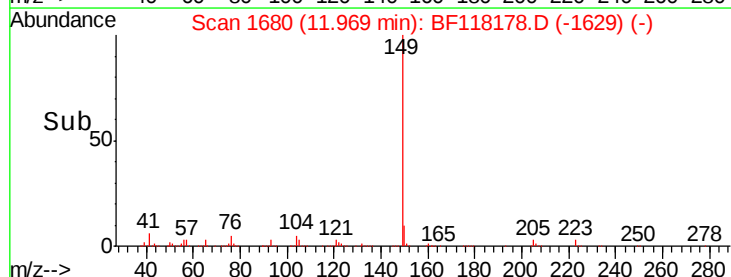


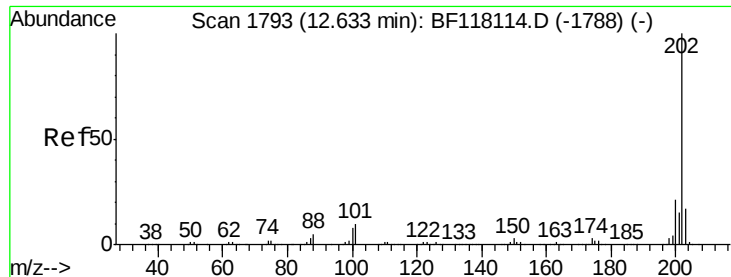
#74  
 Di-n-butylphthalate  
 Concen: 41.526 ng  
 RT: 11.97 min Scan# 1680  
 Delta R.T. 0.00 min  
 Lab File: BF118178.D  
 Acq: 13 Dec 2019 10:41

Tgt Ion:149 Resp: 1390505  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.4 11.2  
 104 5.2 4.3 6.5



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

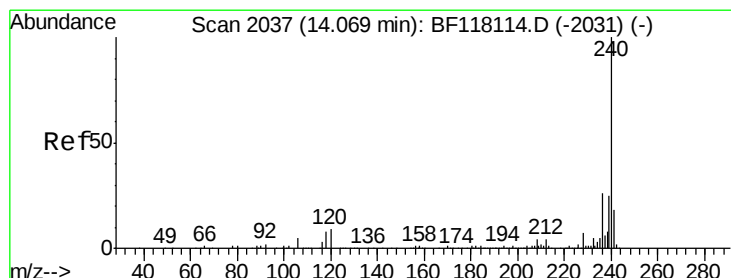
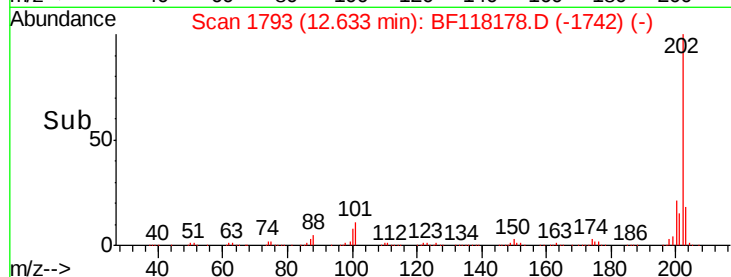
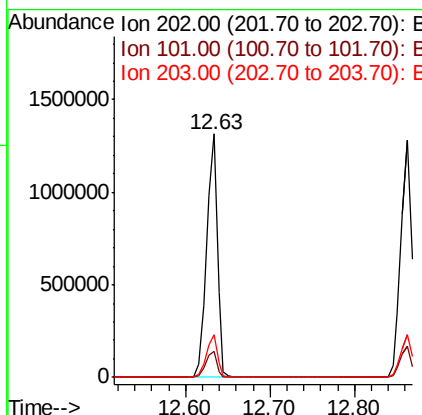
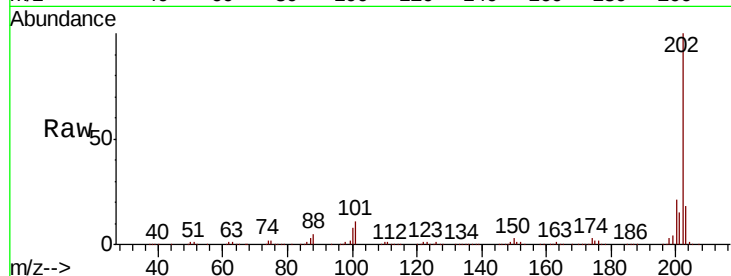




#75  
 Fluoranthene  
 Concen: 37.845 ng  
 RT: 12.63 min Scan# 1793  
 Delta R.T. 0.00 min  
 Lab File: BF118178.D  
 Acq: 13 Dec 2019 10:41

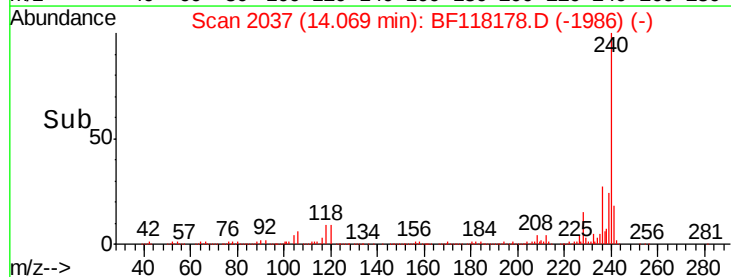
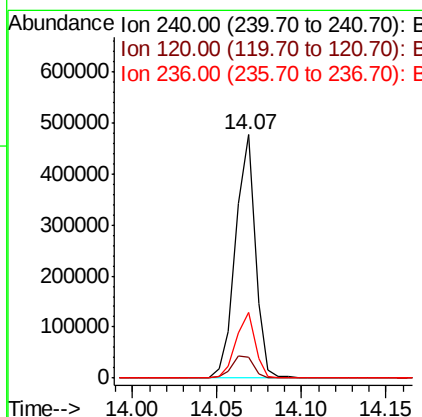
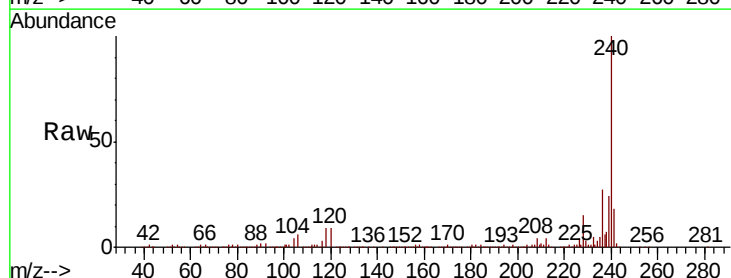
Instrument :  
 BNA\_F  
 ClientSampleId :

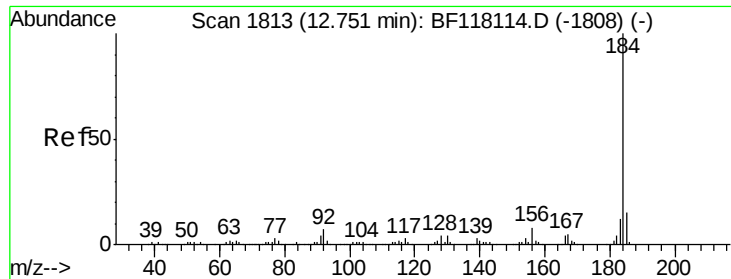
Tot Ion:202 Resp: 1156665  
 Ion Ratio Lower Upper  
 202 100  
 101 10.6 0.0 30.4  
 203 17.7 0.0 37.2



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.07 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: BF118178.D  
 Acq: 13 Dec 2019 10:41

Tgt Ion:240 Resp: 388149  
 Ion Ratio Lower Upper  
 240 100  
 120 8.8 7.1 10.7  
 236 27.2 21.0 31.6





#77

Benzidine

Concen: 22.635 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

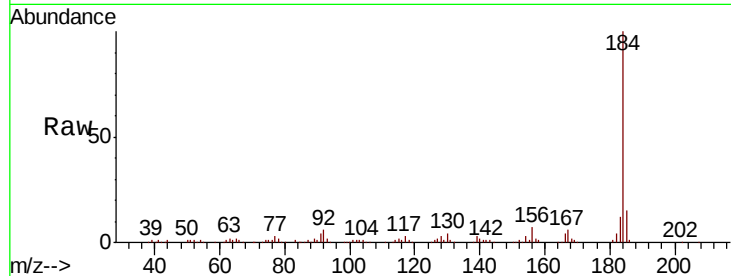
Tot Ion:184 Resp: 231288

Ion Ratio Lower Upper

184 100

185 15.3 12.3 18.5

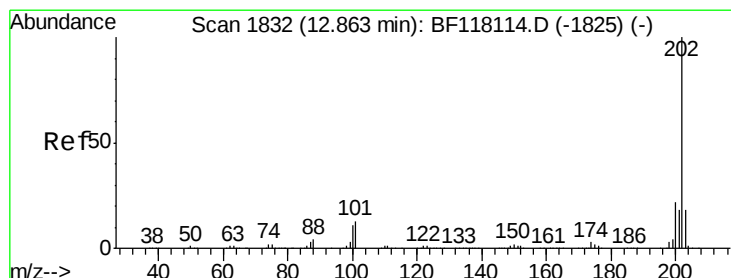
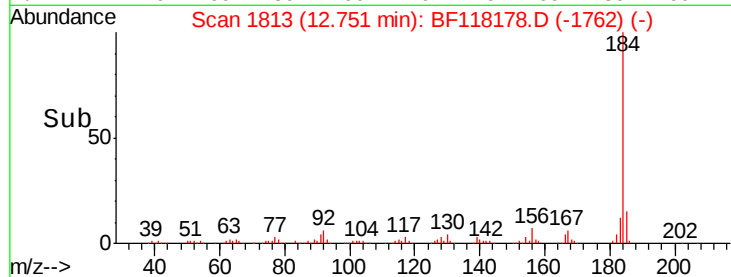
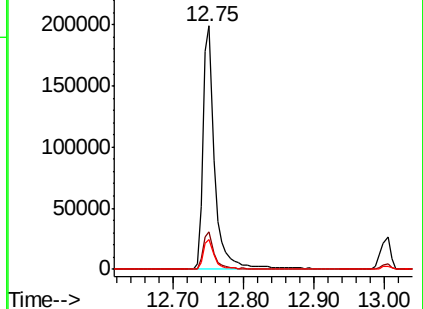
183 12.2 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.045 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

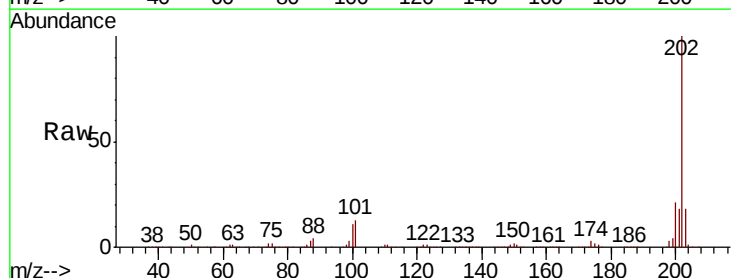
Tgt Ion:202 Resp: 1163724

Ion Ratio Lower Upper

202 100

200 21.4 17.5 26.3

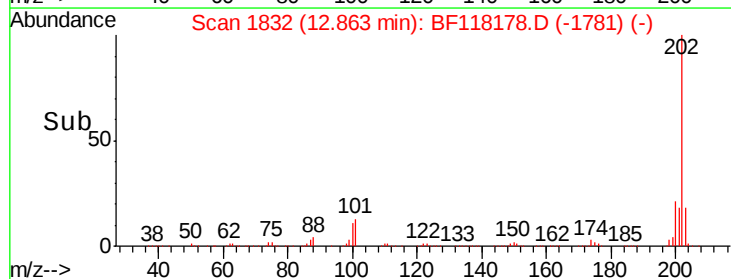
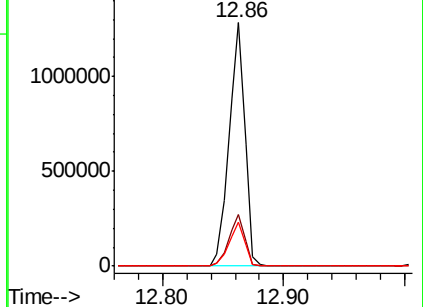
203 18.0 14.6 21.8

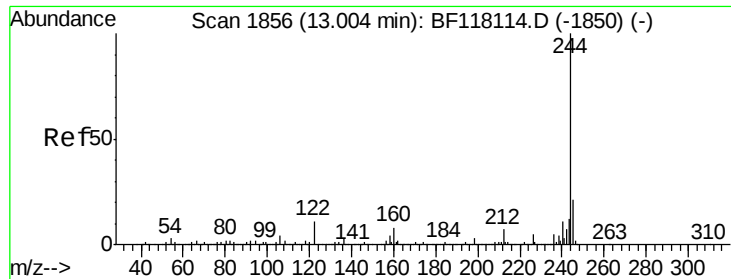


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.227 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA\_F

ClientSampled :

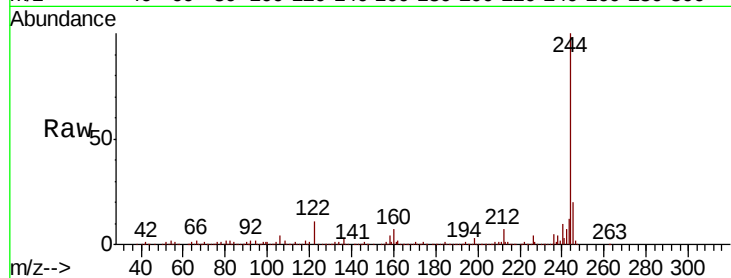
Tot Ion:244 Resp: 1788291

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

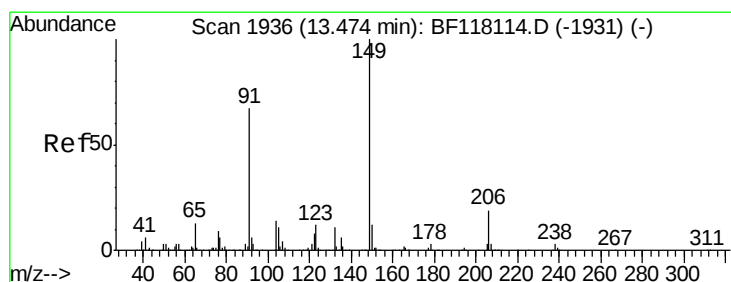
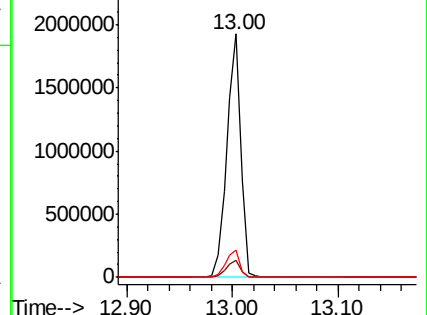
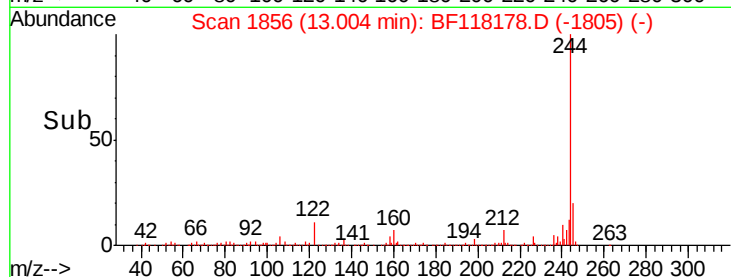
122 11.3 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.643 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

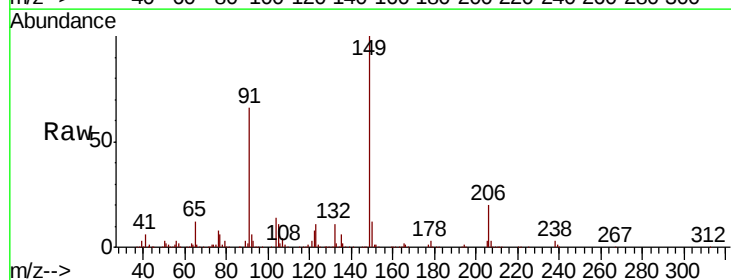
Tgt Ion:149 Resp: 576872

Ion Ratio Lower Upper

149 100

91 65.7 53.9 80.9

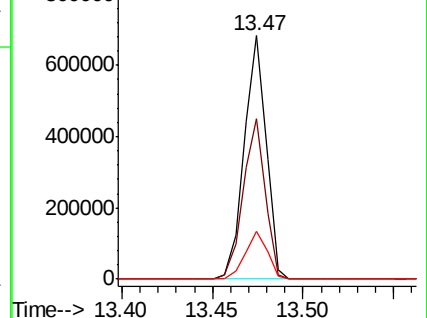
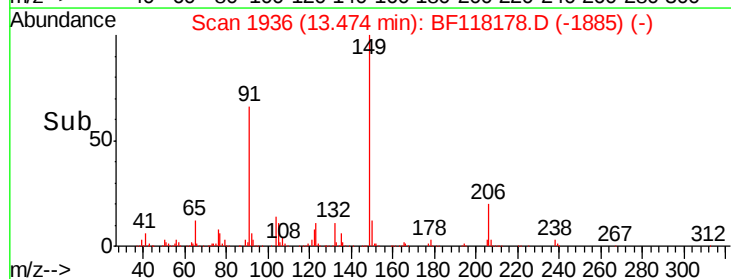
206 19.7 15.2 22.8



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: 37.837 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

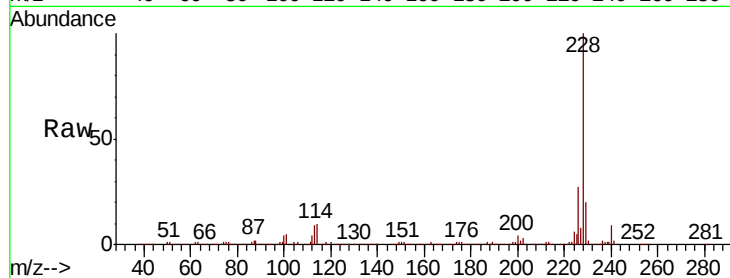
Tot Ion:228 Resp: 1015523

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 19.9 15.8 23.8

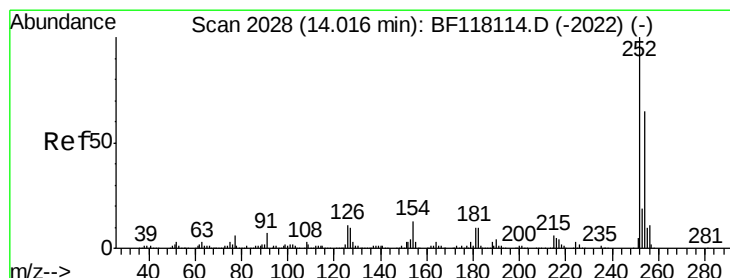
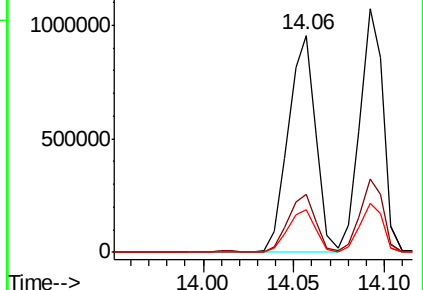
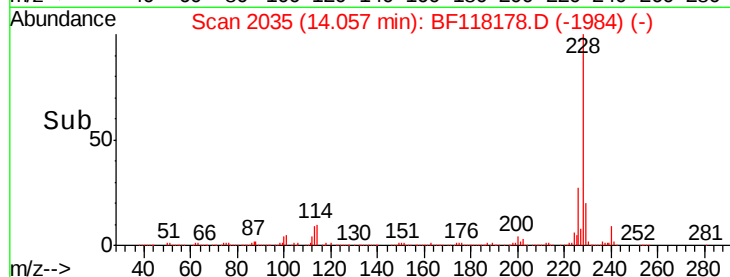


Abundance

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: 38.220 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

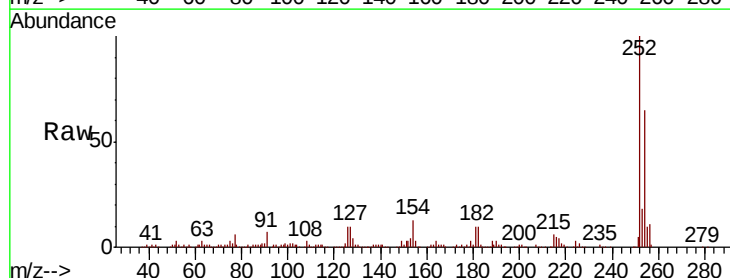
Tgt Ion:252 Resp: 336897

Ion Ratio Lower Upper

252 100

254 64.7 52.2 78.4

126 10.4 8.6 13.0

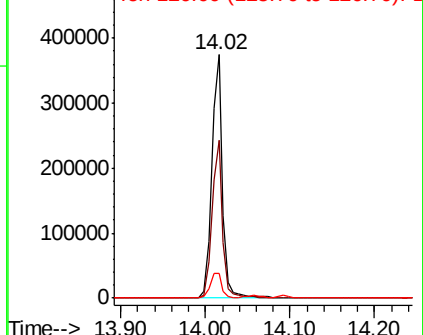
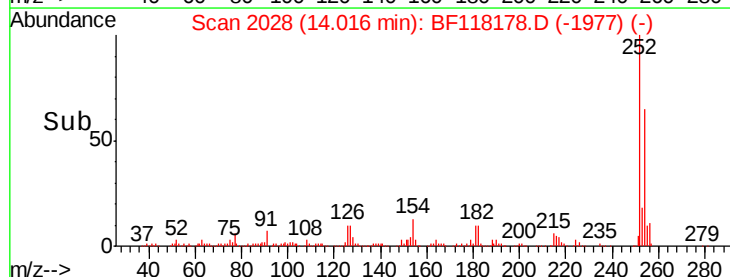


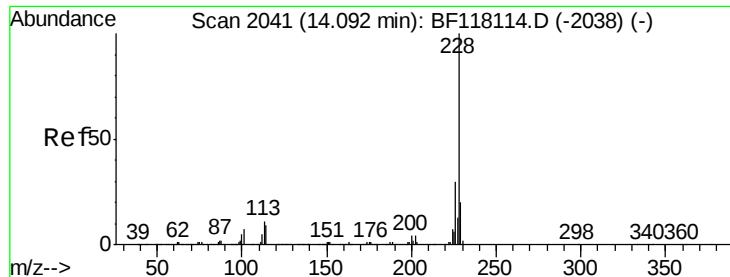
Abundance

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

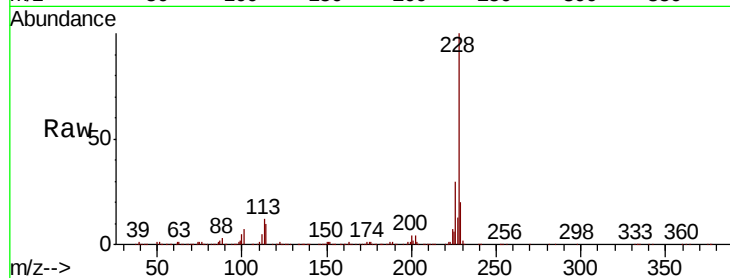




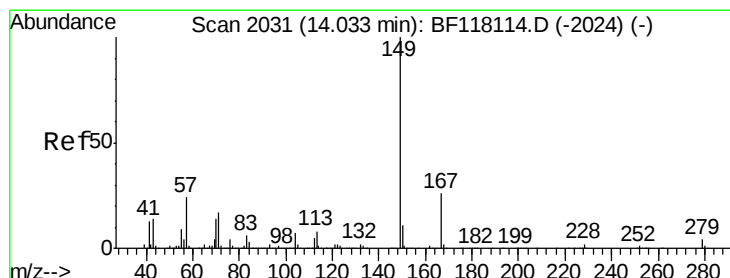
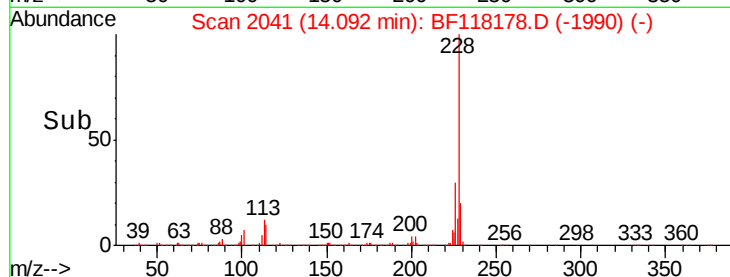
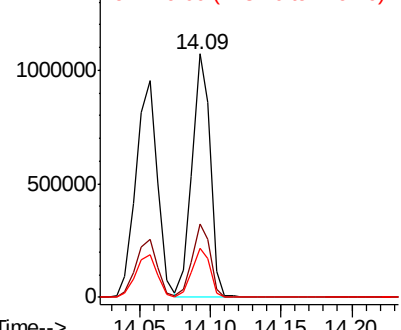
#83  
Chrysene  
Concen: 37.477 ng  
RT: 14.09 min Scan# 2041  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:228 Resp: 960822  
Ion Ratio Lower Upper  
228 100  
226 30.3 23.8 35.8  
229 20.3 15.7 23.5

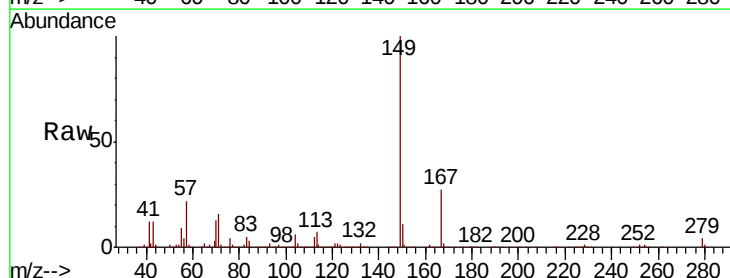


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

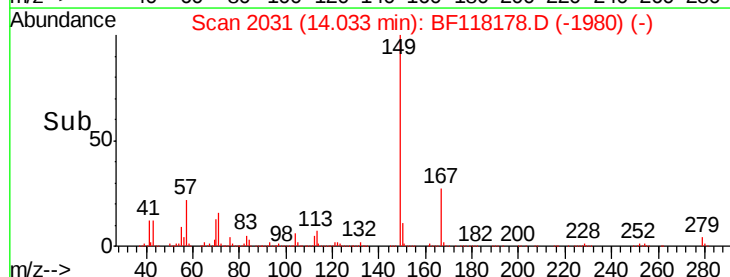
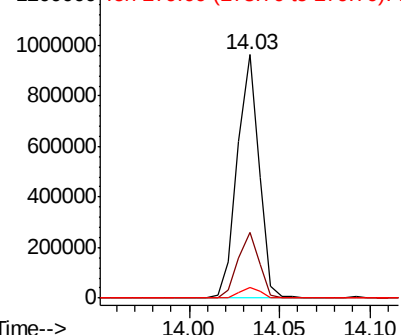


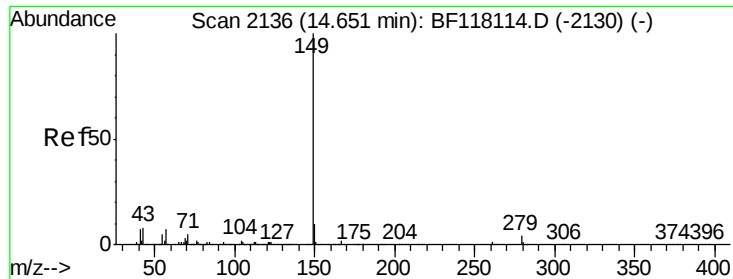
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.055 ng  
RT: 14.03 min Scan# 2031  
Delta R.T. 0.00 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Tgt Ion:149 Resp: 804721  
Ion Ratio Lower Upper  
149 100  
167 26.8 20.8 31.2  
279 4.2 2.9 4.3



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: 44.115 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA\_F

ClientSampleId :

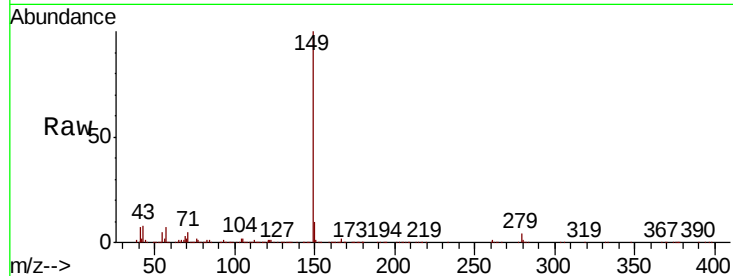
Tot Ion:149 Resp: 1220672

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

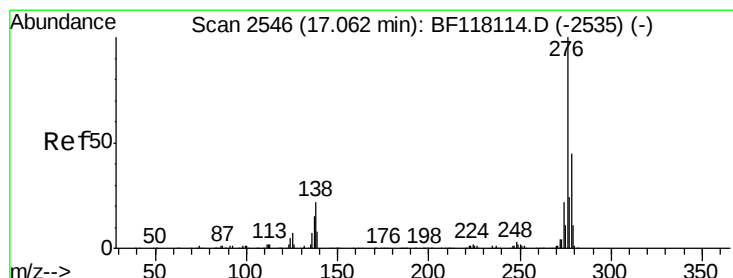
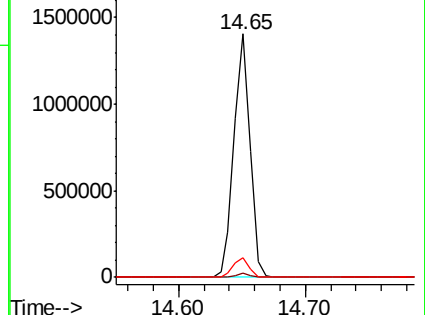
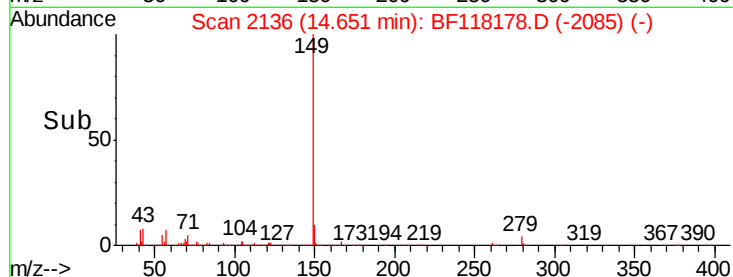
43 7.9 6.5 9.7



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: 35.580 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

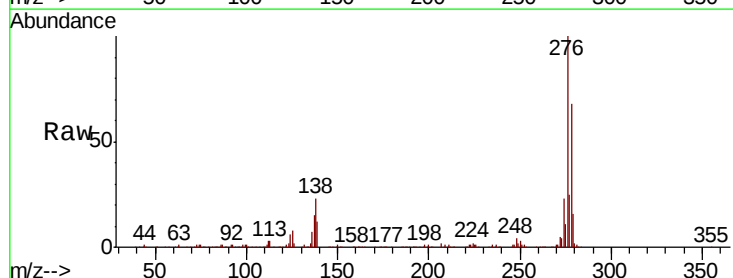
Tgt Ion:276 Resp: 767526

Ion Ratio Lower Upper

276 100

138 23.7 18.9 28.3

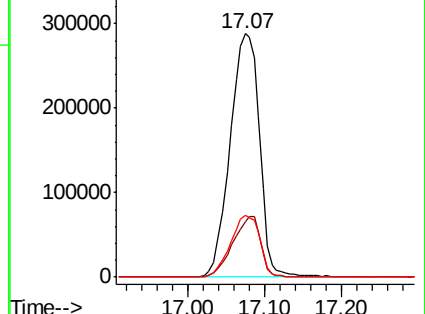
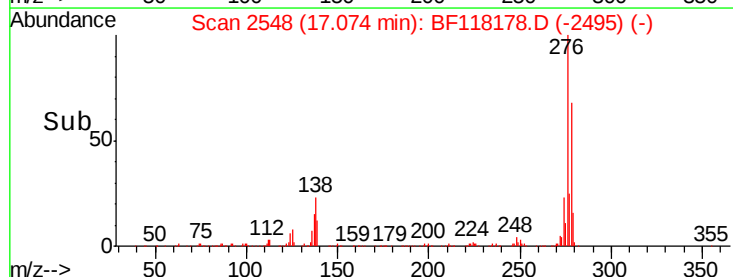
277 25.7 20.4 30.6

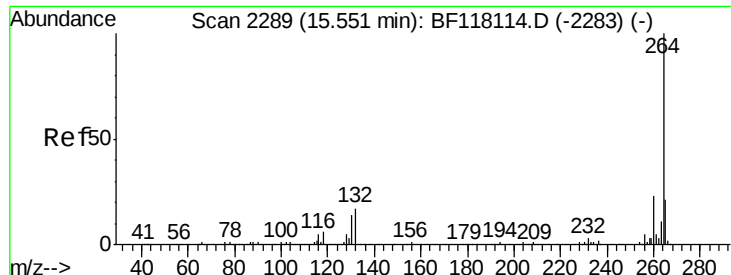


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

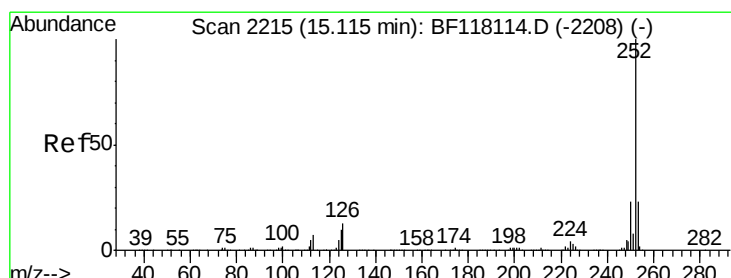
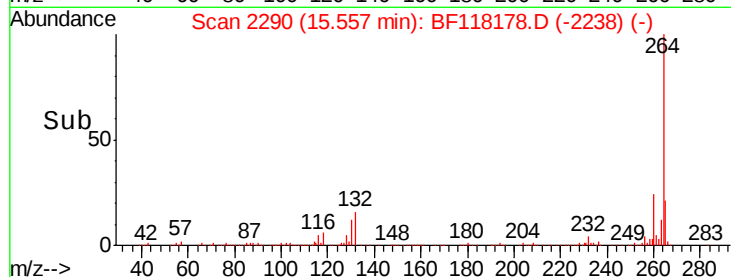
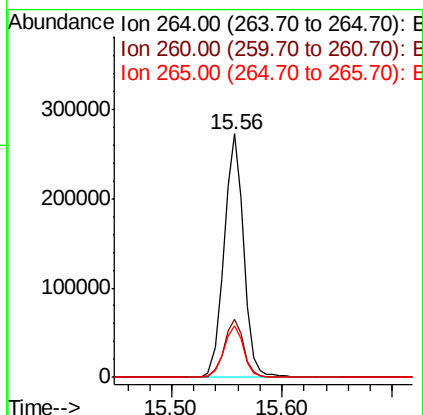
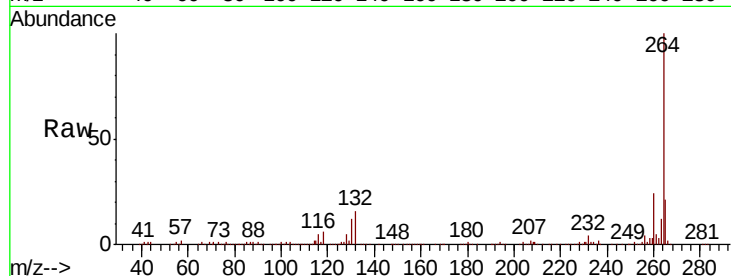




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.56 min Scan# 2290  
Delta R.T. 0.01 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

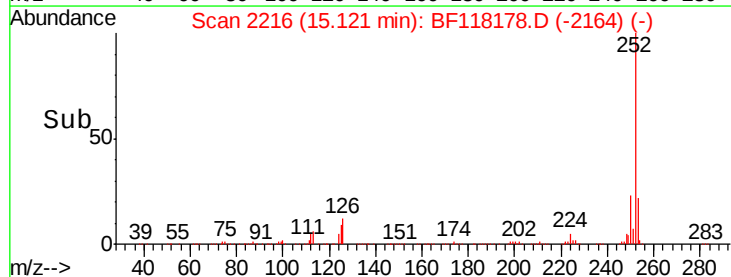
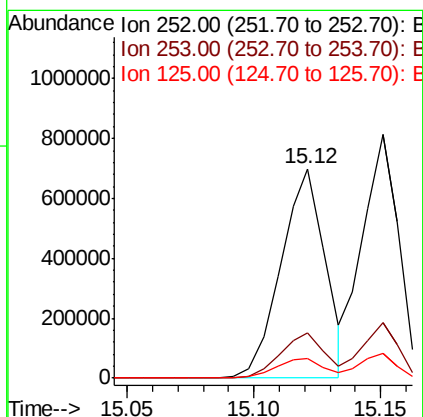
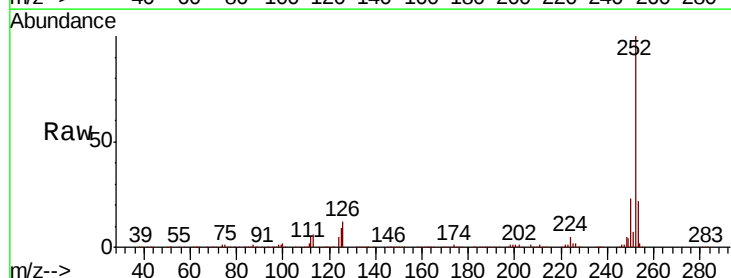
Instrument :  
BNA\_F  
ClientSampleId :

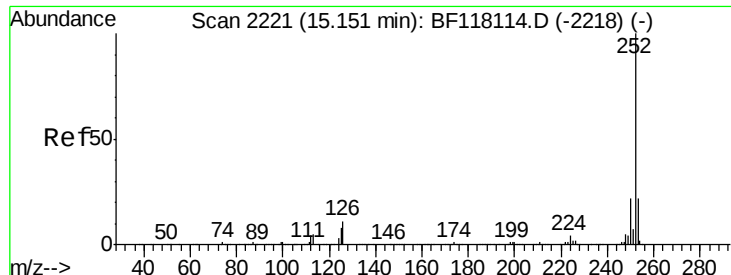
Tot Ion:264 Resp: 338782  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.6 28.0  
265 21.1 16.8 25.2



#88  
Benzo(b)fluoranthene  
Concen: 37.785 ng  
RT: 15.12 min Scan# 2216  
Delta R.T. 0.01 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Tgt Ion:252 Resp: 846605  
Ion Ratio Lower Upper  
252 100  
253 21.6 18.2 27.4  
125 9.2 8.3 12.5

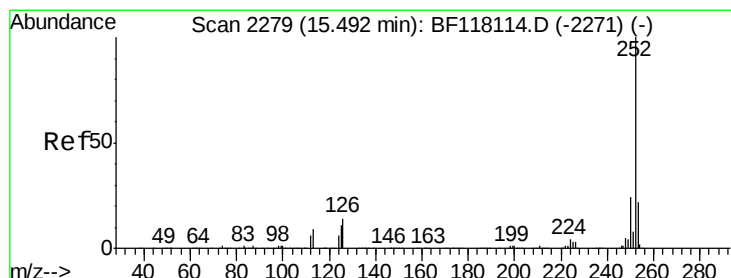
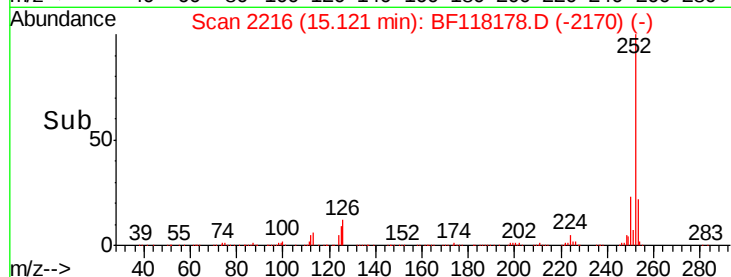
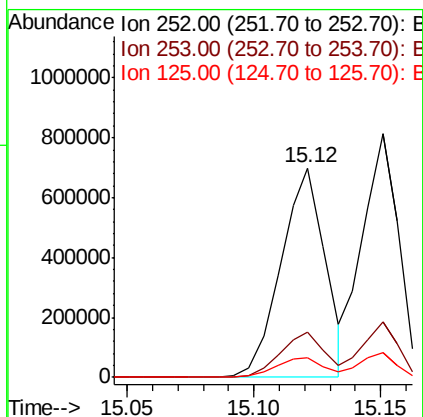
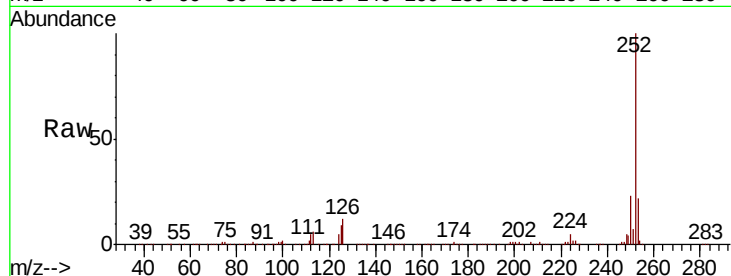




#89  
Benzo(k)fluoranthene  
Concen: 39.332 ng  
RT: 15.12 min Scan# 2216  
Delta R.T. -0.03 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

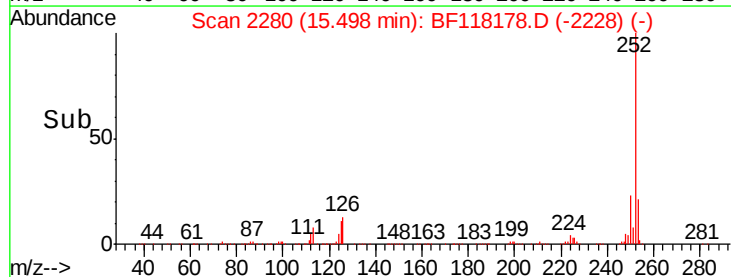
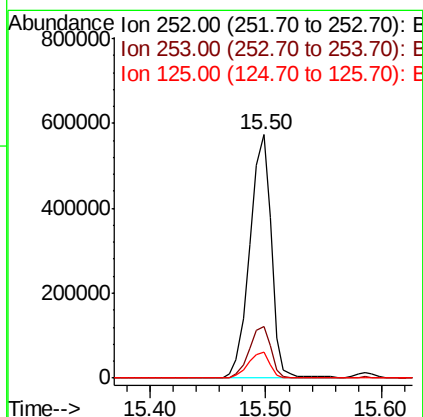
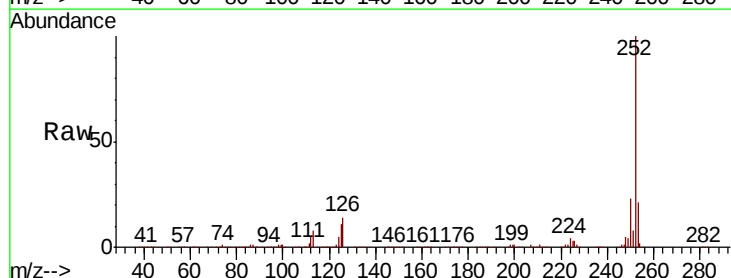
Instrument :  
BNA\_F  
ClientSampleId :

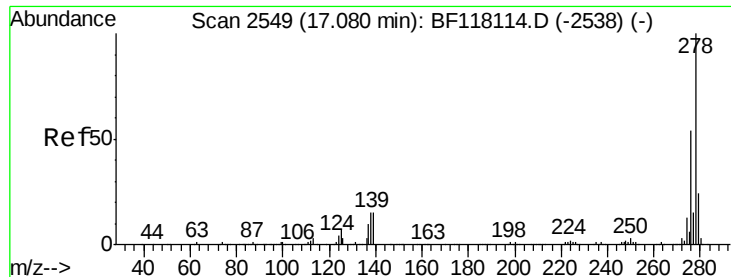
Tot Ion:252 Resp: 846605  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.6 26.4  
125 9.2 6.7 10.1



#90  
Benzo(a)pyrene  
Concen: 37.548 ng  
RT: 15.50 min Scan# 2280  
Delta R.T. 0.01 min  
Lab File: BF118178.D  
Acq: 13 Dec 2019 10:41

Tgt Ion:252 Resp: 743032  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.5 26.3  
125 10.6 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 37.751 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

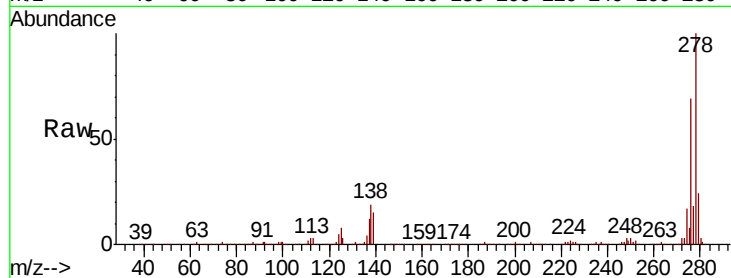
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:278 Resp: 640750

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.0  | 11.7  | 17.5  |
| 279 | 23.9  | 19.0  | 28.4  |

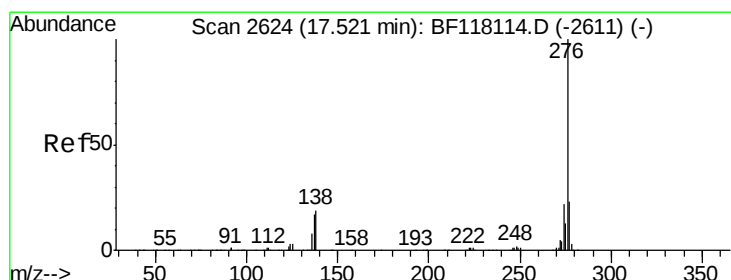
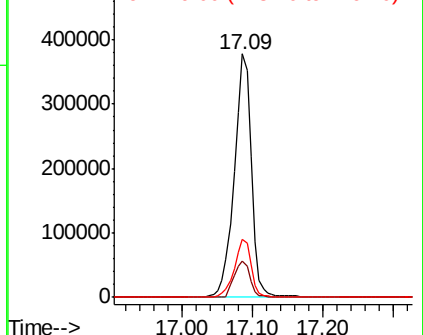
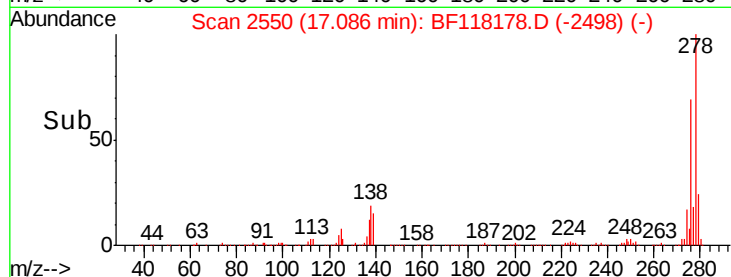


Abundance

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(g,h,i)perylene

Concen: 36.037 ng

RT: 17.53 min Scan# 2626

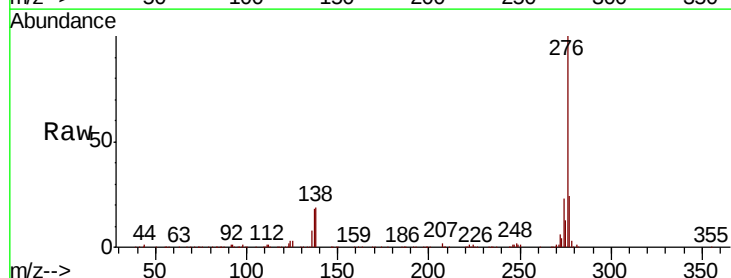
Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Tgt Ion:276 Resp: 587766

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.4  | 18.2  | 27.4  |
| 138 | 19.0  | 15.5  | 23.3  |



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

