

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\  
 Data File : BF118372.D  
 Acq On : 28 Dec 2019 18:30  
 Operator : JU  
 Sample : K6438-02MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Dec 29 07:43:07 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 24 15:58:52 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 120663   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.14  | 136  | 477832   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.90  | 164  | 258165   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.40 | 188  | 504757   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.06 | 240  | 376059   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.54 | 264  | 359080   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.47  | 112  | 964853   | 136.50 | ng    | 0.01     |
| 7) Phenol-d6                | 6.50  | 99   | 1225356  | 139.74 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 738895   | 88.44  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.70 | 330  | 449972   | 141.14 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl        | 9.22  | 172  | 1495465  | 88.42  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.99 | 244  | 1965821  | 86.72  | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.62 | 88   | 113637   | 40.439 | ng    | 99     |
| 3) Pyridine                    | 3.39 | 79   | 282564   | 37.742 | ng    | 99     |
| 4) n-Nitrosodimethylamine      | 3.34 | 42   | 136090   | 43.965 | ng    | 98     |
| 6) Aniline                     | 6.52 | 93   | 374179   | 33.604 | ng    | # 88   |
| 8) 2-Chlorophenol              | 6.65 | 128  | 384883   | 48.075 | ng    | 98     |
| 9) Benzaldehyde                | 6.40 | 77   | 211354   | 41.110 | ng    | 97     |
| 10) Phenol                     | 6.51 | 94   | 485902   | 49.300 | ng    | 90     |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93   | 329946   | 46.810 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146  | 412962   | 44.788 | ng    | 100    |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146  | 416910   | 44.517 | ng    | 97     |
| 14) 1,2-Dichlorobenzene        | 7.02 | 146  | 401983   | 45.463 | ng    | 99     |
| 15) Benzyl Alcohol             | 7.00 | 79   | 316836   | 47.454 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45   | 341303   | 45.377 | ng    | 90     |
| 17) 2-Methylphenol             | 7.12 | 107  | 309044   | 48.129 | ng    | 96     |
| 18) Hexachloroethane           | 7.36 | 117  | 153419   | 44.635 | ng    | 100    |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70   | 251213   | 46.503 | ng    | 98     |
| 20) 3+4-Methylphenols          | 7.27 | 107  | 396306   | 48.223 | ng    | 95     |
| 22) Acetophenone               | 7.26 | 105  | 518845   | 44.304 | ng    | # 96   |
| 24) Nitrobenzene               | 7.44 | 77   | 377624   | 45.122 | ng    | 99     |
| 25) Isophorone                 | 7.68 | 82   | 688272   | 47.271 | ng    | 98     |
| 26) 2-Nitrophenol              | 7.76 | 139  | 213189   | 48.094 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 7.79 | 122  | 335972   | 55.551 | ng    | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93   | 431440   | 45.309 | ng    | 100    |
| 29) 2,4-Dichlorophenol         | 8.00 | 162  | 326581   | 46.914 | ng    | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180  | 355807   | 43.878 | ng    | 98     |
| 31) Naphthalene                | 8.16 | 128  | 1131160  | 46.576 | ng    | 99     |
| 32) Benzoic acid               | 7.94 | 122  | 204174   | 40.927 | ng    | 97     |
| 33) 4-Chloroaniline            | 8.22 | 127  | 184513   | 17.722 | ng    | 96     |
| 34) Hexachlorobutadiene        | 8.27 | 225  | 209682   | 43.439 | ng    | 99     |
| 35) Caprolactam                | 8.59 | 113  | 71608    | 32.949 | ng    | 100    |
| 36) 4-Chloro-3-methylphenol    | 8.71 | 107  | 355905   | 47.620 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 8.86 | 142  | 794583   | 47.786 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 8.96 | 142  | 739370   | 47.196 | ng    | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216  | 344725   | 44.442 | ng    | 99     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 24 15:58:52 2019  
 Response via : Initial Calibration

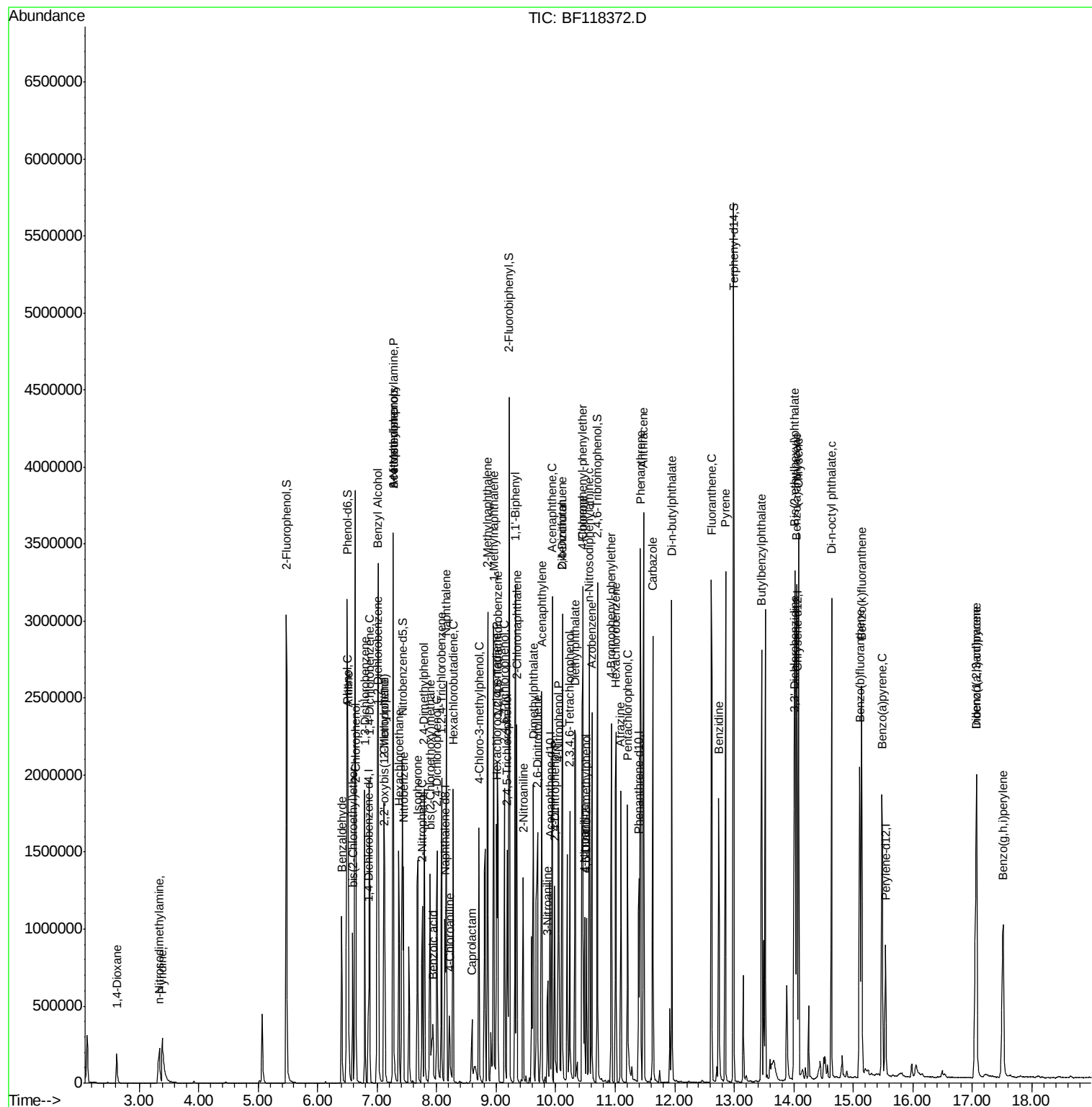
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.01  | 237  | 262719   | 80.381 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 9.14  | 196  | 241066   | 46.520 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.19  | 196  | 251871   | 47.248 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.32  | 154  | 955668   | 46.802 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.35  | 162  | 736548   | 44.818 | ng    | 97       |
| 48) 2-Nitroaniline             | 9.45  | 65   | 204350   | 44.023 | ng    | 94       |
| 49) Acenaphthylene             | 9.76  | 152  | 1168265  | 47.931 | ng    | 99       |
| 50) Dimethylphthalate          | 9.62  | 163  | 963904   | 49.740 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.69  | 165  | 199876   | 47.841 | ng    | 92       |
| 52) Acenaphthene               | 9.94  | 154  | 684265   | 46.090 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.86  | 138  | 116015   | 23.659 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 9.98  | 184  | 183305   | 86.562 | ng    | 96       |
| 55) Dibenzofuran               | 10.11 | 168  | 1029262  | 46.920 | ng    | 95       |
| 56) 4-Nitrophenol              | 10.04 | 139  | 289994   | 95.796 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 10.10 | 165  | 271259   | 48.590 | ng    | 94       |
| 58) Fluorene                   | 10.46 | 166  | 840754   | 47.477 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.23 | 232  | 212698   | 46.959 | ng    | 99       |
| 60) Diethylphthalate           | 10.33 | 149  | 924076   | 48.200 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.45 | 204  | 417653   | 47.245 | ng    | 93       |
| 62) 4-Nitroaniline             | 10.49 | 138  | 222678   | 43.712 | ng    | 96       |
| 63) Azobenzene                 | 10.60 | 77   | 790368   | 48.130 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.52 | 198  | 140437   | 51.575 | ng    | 87       |
| 66) n-Nitrosodiphenylamine     | 10.56 | 169  | 755283   | 46.688 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.93 | 248  | 266121   | 45.051 | ng    | 94       |
| 68) Hexachlorobenzene          | 11.01 | 284  | 304888   | 43.849 | ng    | 93       |
| 69) Atrazine                   | 11.10 | 200  | 264445   | 52.965 | ng    | 99       |
| 70) Pentachlorophenol          | 11.21 | 266  | 269012   | 89.334 | ng    | 99       |
| 71) Phenanthrene               | 11.42 | 178  | 1275241  | 46.344 | ng    | 100      |
| 72) Anthracene                 | 11.47 | 178  | 1315088  | 47.747 | ng    | 100      |
| 73) Carbazole                  | 11.63 | 167  | 1157037  | 47.343 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.95 | 149  | 1537226  | 49.606 | ng    | 100      |
| 75) Fluoranthene               | 12.62 | 202  | 1348546  | 48.560 | ng    | 97       |
| 77) Benzidine                  | 12.74 | 184  | 734456   | 71.277 | ng    | 98       |
| 78) Pyrene                     | 12.85 | 202  | 1352345  | 44.037 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.46 | 149  | 666069   | 48.171 | ng    | 96       |
| 81) Benzo(a)anthracene         | 14.04 | 228  | 1211953  | 46.042 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 306197   | 34.308 | ng    | 99       |
| 83) Chrysene                   | 14.08 | 228  | 1144430  | 45.405 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 950373   | 52.271 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.63 | 149  | 1526220  | 57.066 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 17.07 | 276  | 1059874  | 49.351 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.11 | 252  | 1098811  | 46.099 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.14 | 252  | 1030906  | 45.044 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.48 | 252  | 935446   | 44.551 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 17.07 | 278  | 895945   | 49.170 | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 17.52 | 276  | 870509   | 49.457 | ng    | 98       |

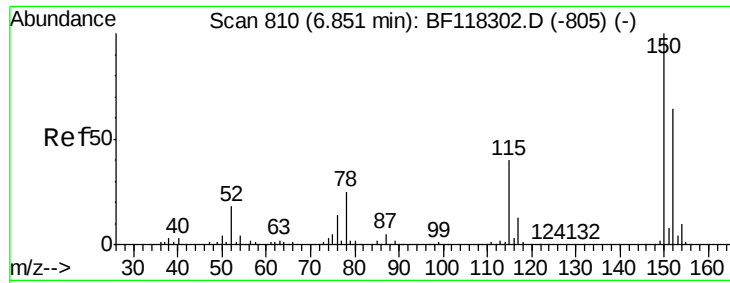
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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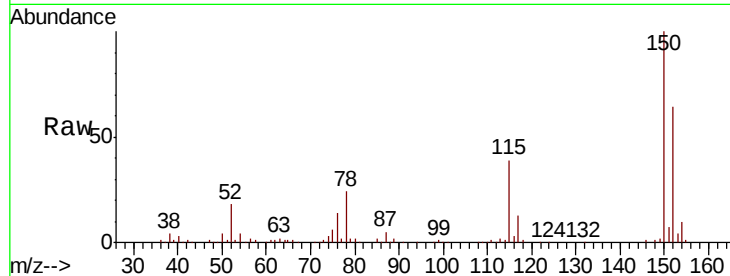


#1

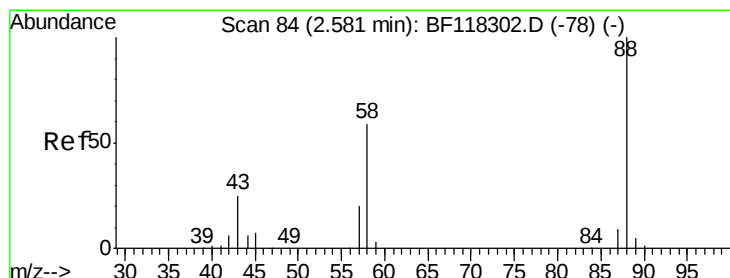
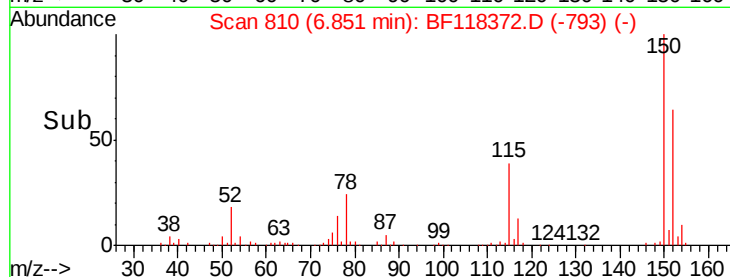
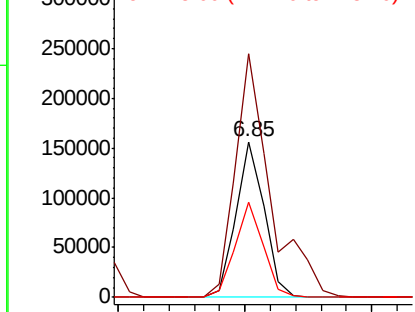
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 810  
Delta R.T. 0.00 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 120663  
Ion Ratio Lower Upper  
152 100  
150 156.8 125.4 188.2  
115 61.5 50.2 75.4



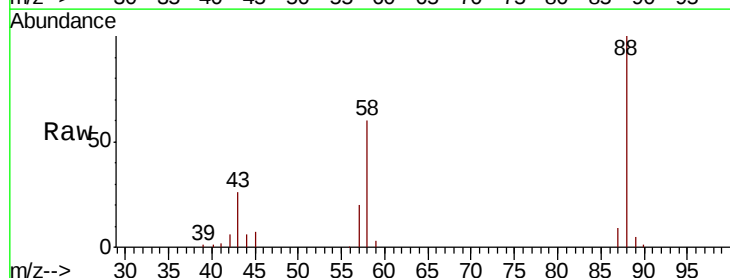
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



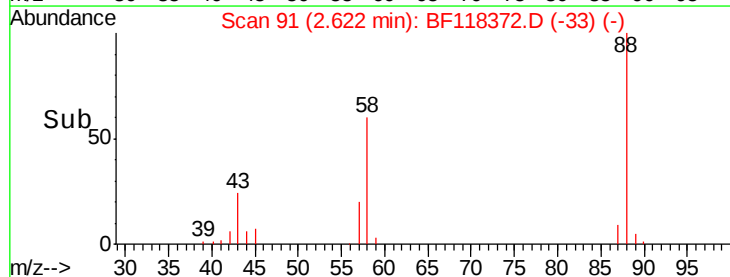
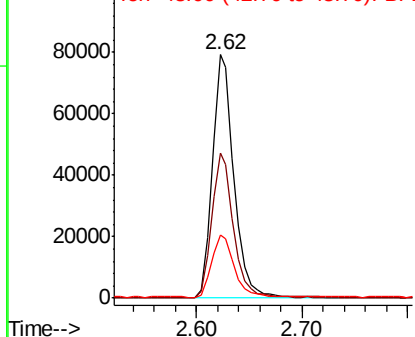
#2

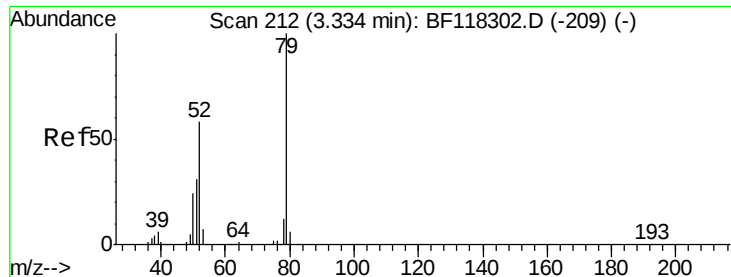
1,4-Dioxane  
Concen: 40.439 ng  
RT: 2.62 min Scan# 91  
Delta R.T. 0.04 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Tgt Ion: 88 Resp: 113637  
Ion Ratio Lower Upper  
88 100  
58 59.8 47.6 71.4  
43 27.6 20.6 30.8



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: 37.742 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.05 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampleId :

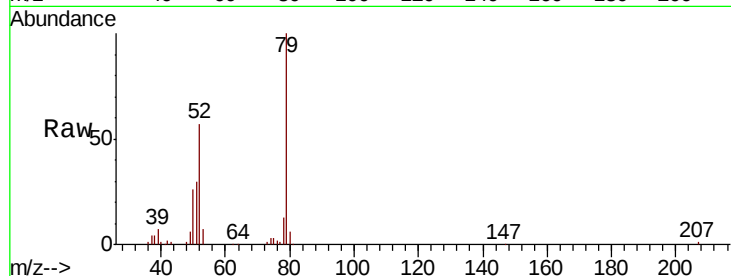
Tot Ion: 79 Resp: 282564

Ion Ratio Lower Upper

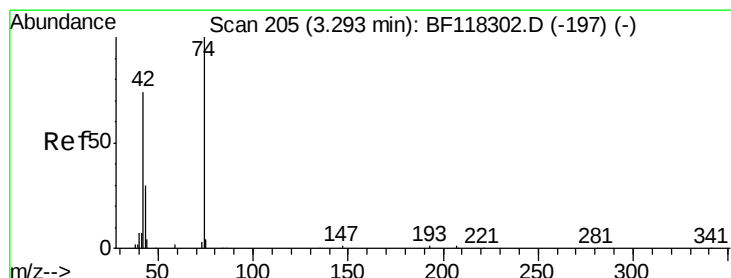
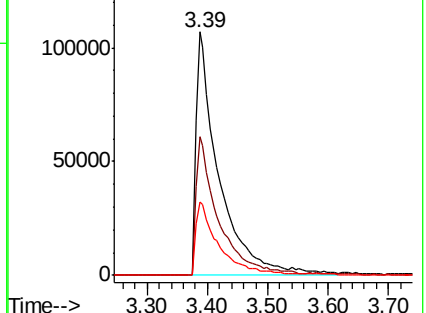
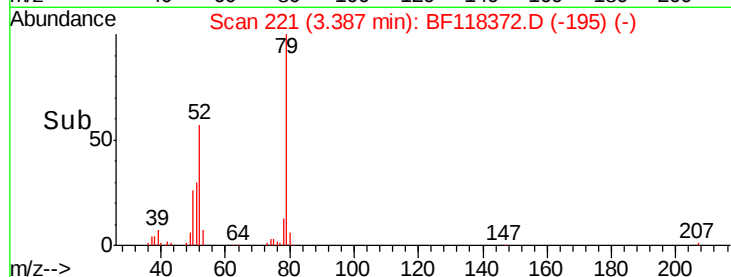
79 100

52 57.0 46.4 69.6

51 30.4 24.9 37.3



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



#4

n-Nitrosodimethylamine

Concen: 43.965 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.05 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

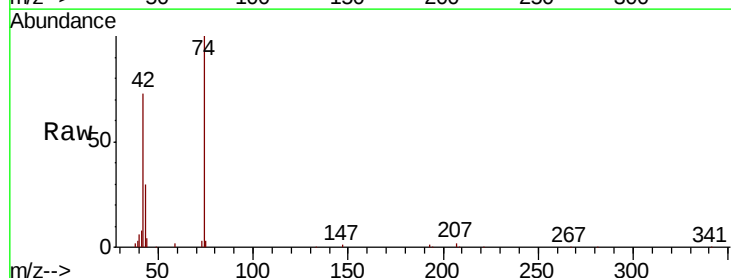
Tgt Ion: 42 Resp: 136090

Ion Ratio Lower Upper

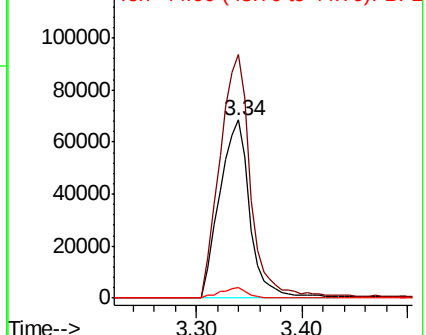
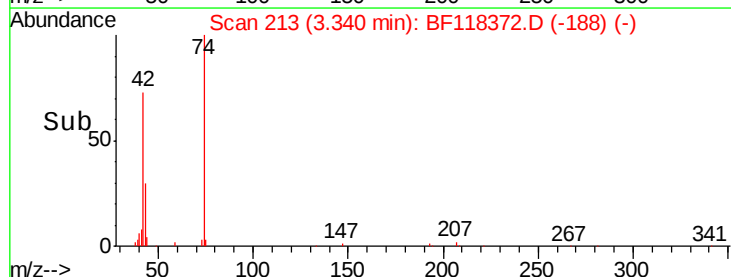
42 100

74 136.6 107.7 161.5

44 5.7 4.8 7.2



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





#5

2-Fluorophenol

Concen: 136.495 ng

RT: 5.47 min Scan# 576

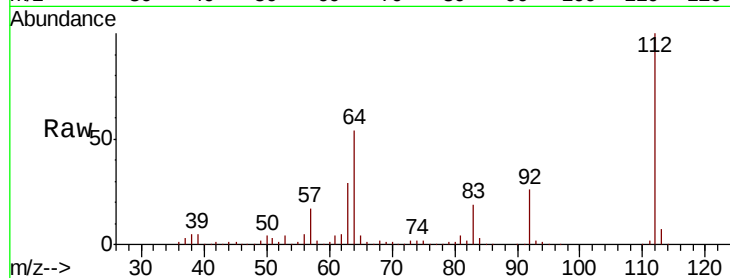
Delta R.T. 0.01 min

Lab File: BF118372.D

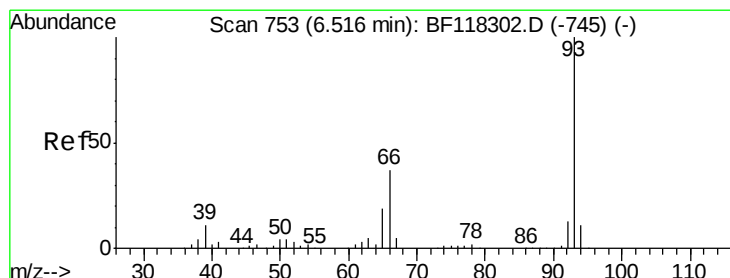
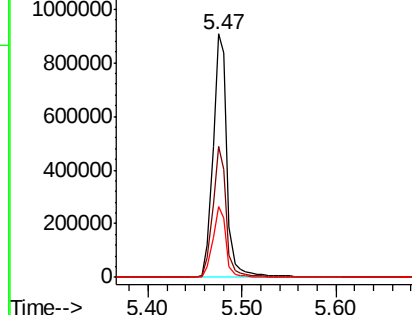
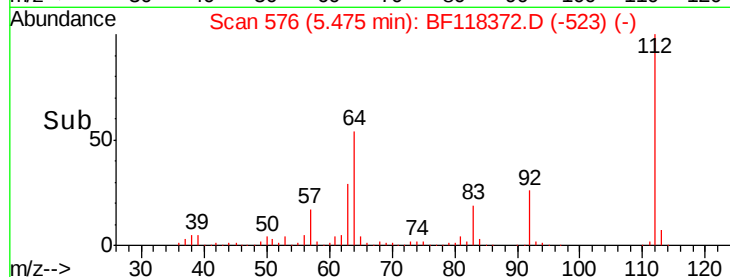
Acq: 28 Dec 2019 18:30

Instrument :  
BNA\_F  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 964853 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 53.7  | 39.7  | 59.5   |
| 63       | 28.8  | 21.7  | 32.5   |



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



#6

Aniline

Concen: 33.604 ng

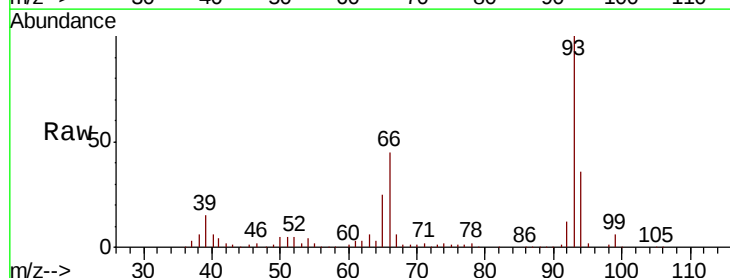
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

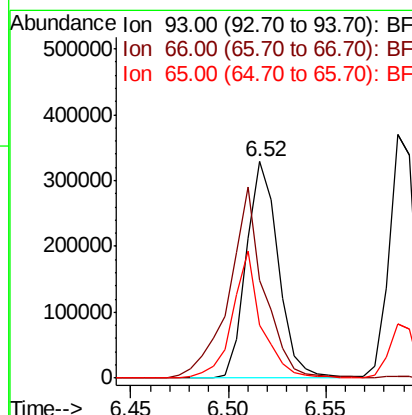
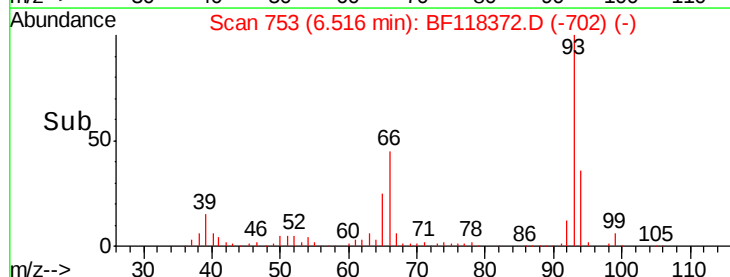
Lab File: BF118372.D

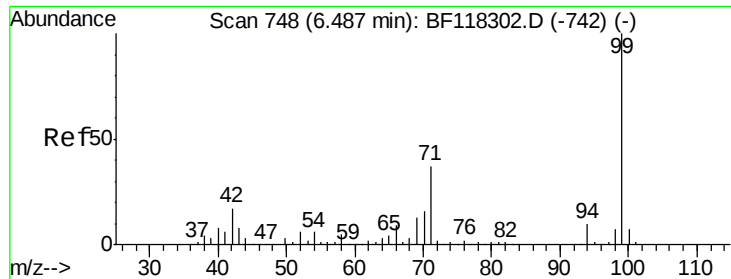
Acq: 28 Dec 2019 18:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 374179 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 45.0  | 30.2  | 45.4   |
| 65       | 24.6  | 15.7  | 23.5   |



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: 139.738 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampled :

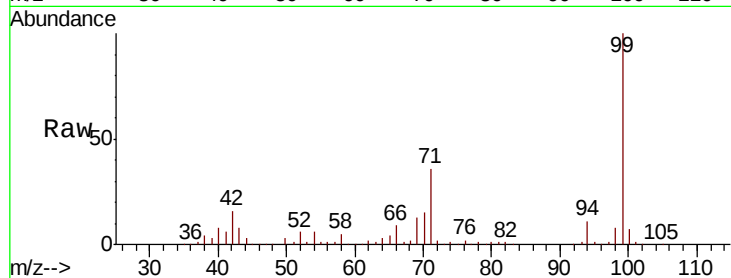
Tot Ion: 99 Resp: 1225356

Ion Ratio Lower Upper

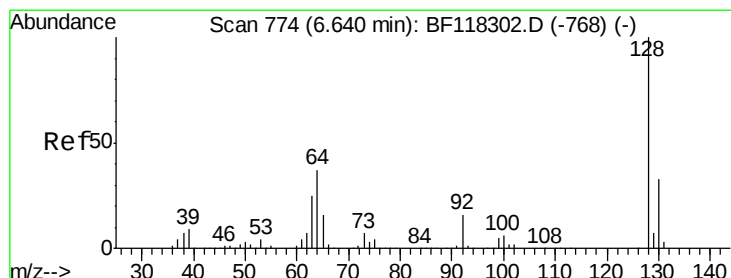
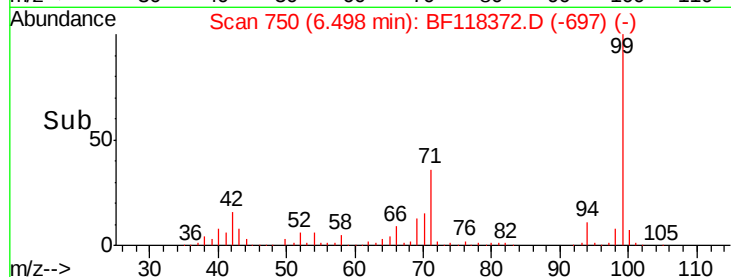
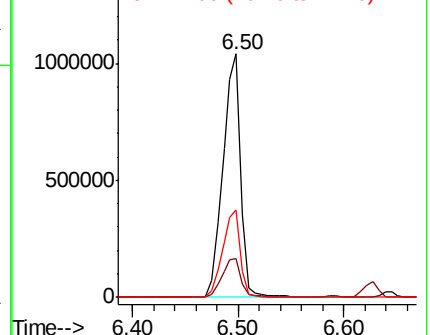
99 100

42 16.1 13.5 20.3

71 36.1 29.4 44.2



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



#8

2-Chlorophenol

Concen: 48.075 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

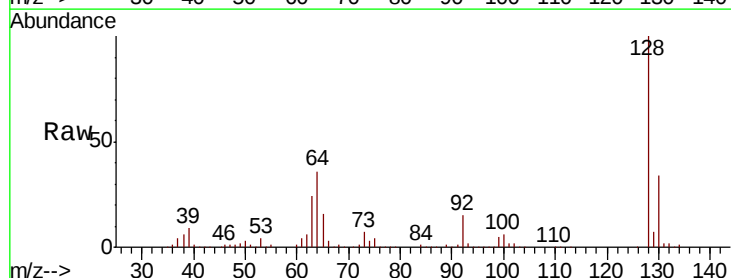
Tgt Ion: 128 Resp: 384883

Ion Ratio Lower Upper

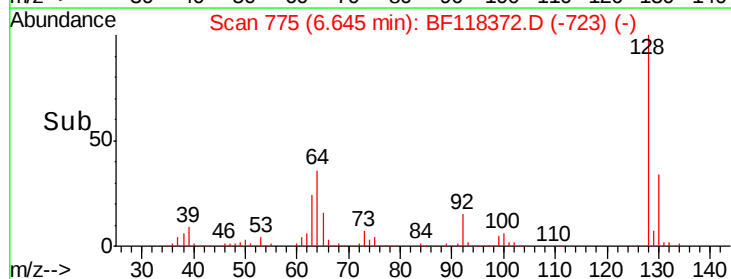
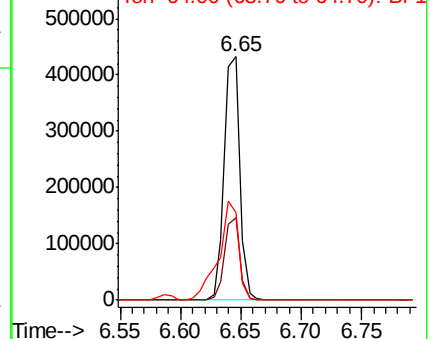
128 100

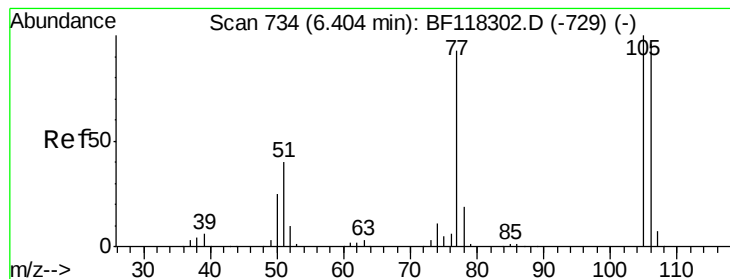
130 33.6 13.2 53.2

64 36.1 17.7 57.7



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





#9

Benzaldehyde

Concen: 41.110 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampleId :

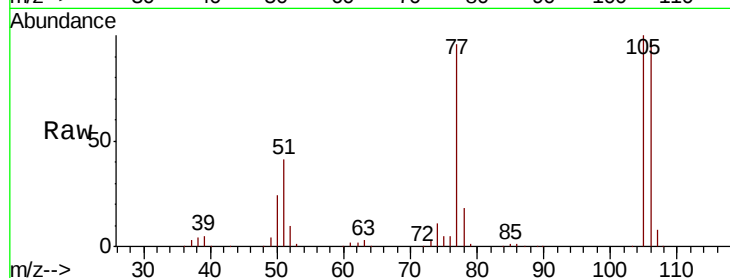
Tot Ion: 77 Resp: 211354

Ion Ratio Lower Upper

77 100

105 104.2 87.5 127.5

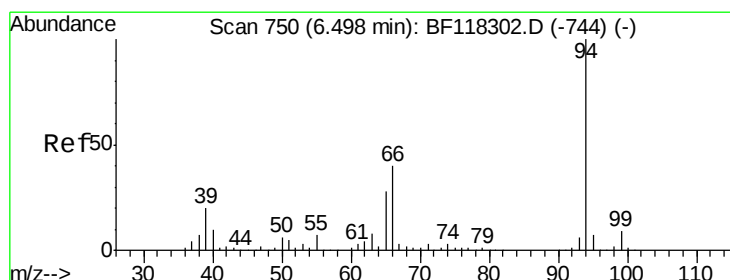
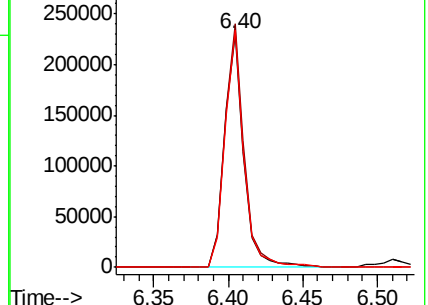
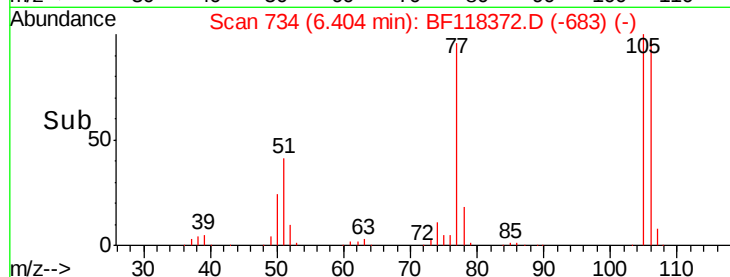
106 101.3 83.6 123.6



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: 49.300 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

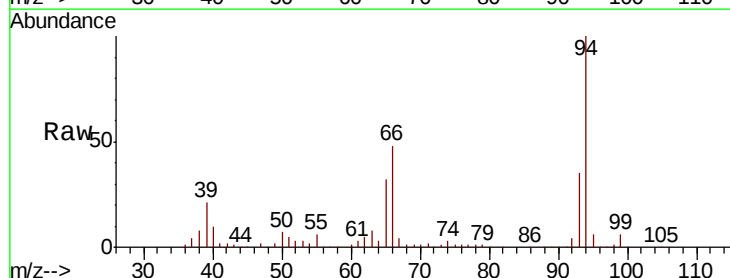
Tgt Ion: 94 Resp: 485902

Ion Ratio Lower Upper

94 100

65 31.6 7.8 47.8

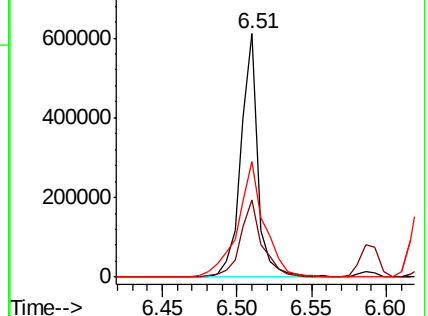
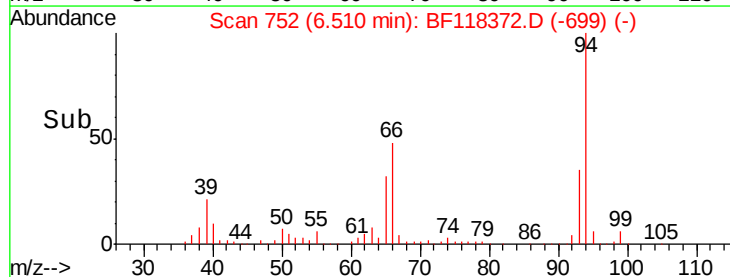
66 47.6 20.4 60.4

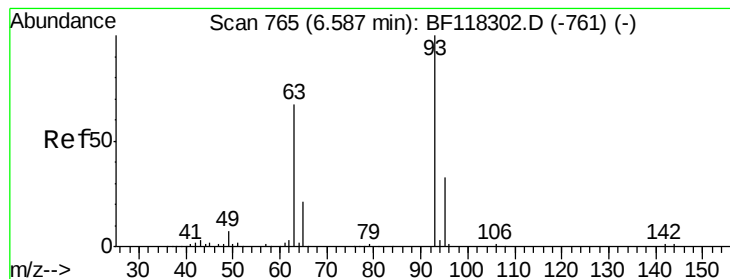


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 46.810 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampleId :

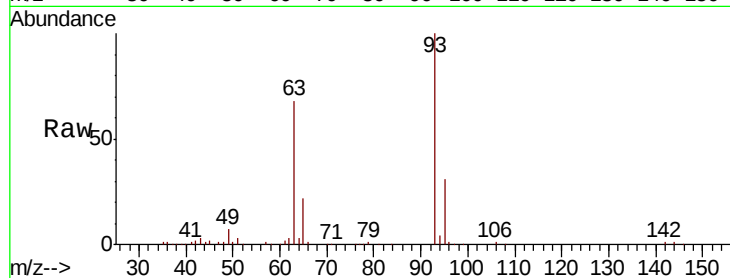
Tot Ion: 93 Resp: 329946

Ion Ratio Lower Upper

93 100

63 68.1 47.0 87.0

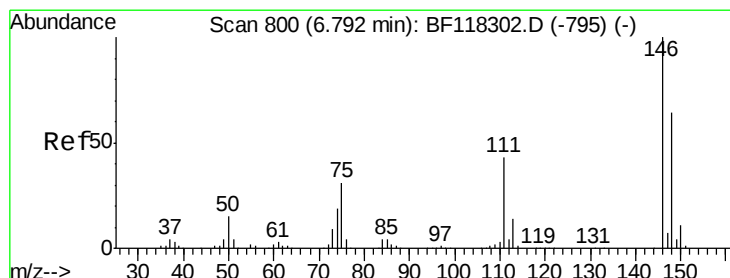
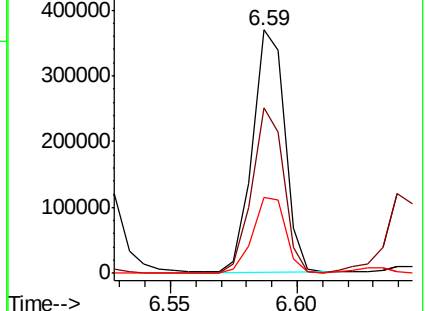
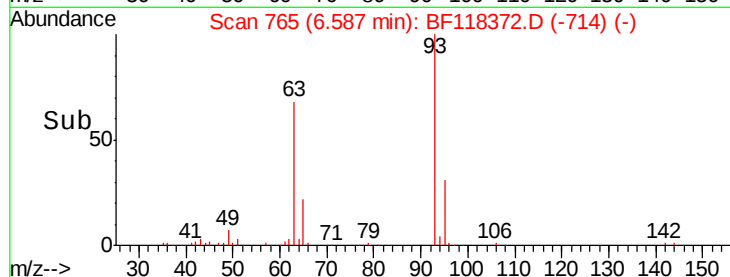
95 31.4 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 44.788 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

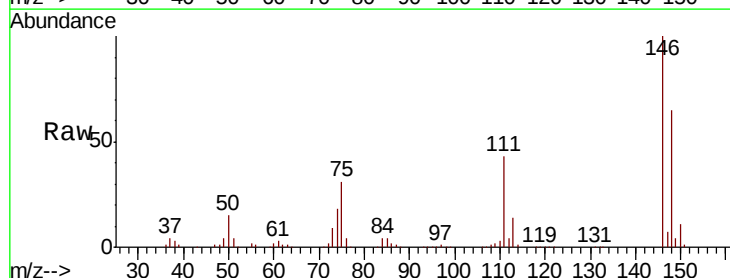
Tgt Ion: 146 Resp: 412962

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.0

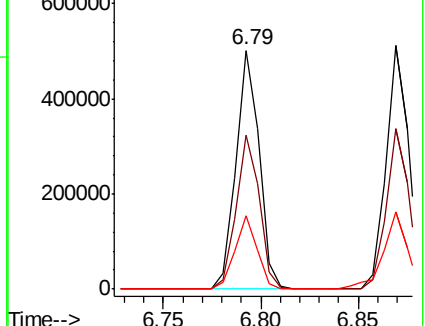
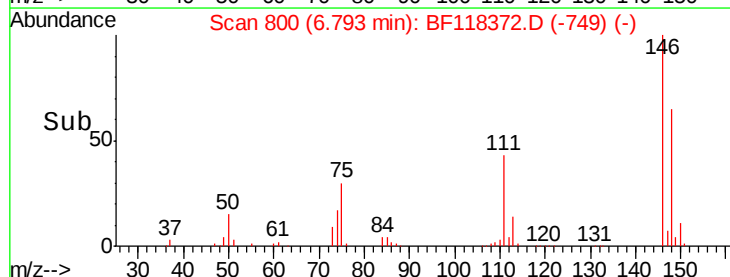
75 30.7 24.4 36.6

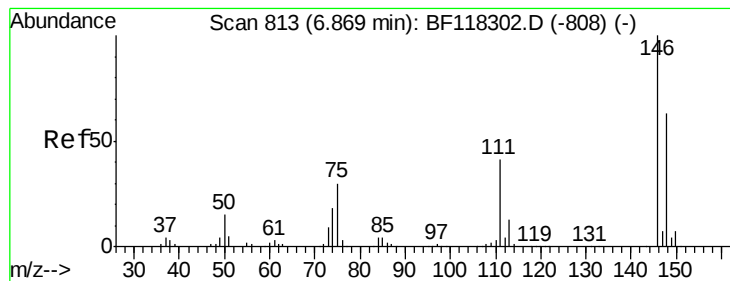


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 44.517 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampleId :

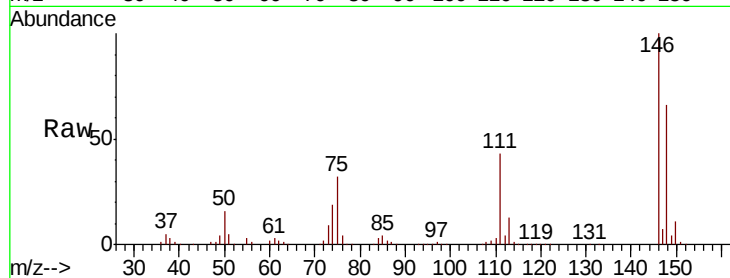
Tot Ion:146 Resp: 416910

Ion Ratio Lower Upper

146 100

148 65.6 50.3 75.5

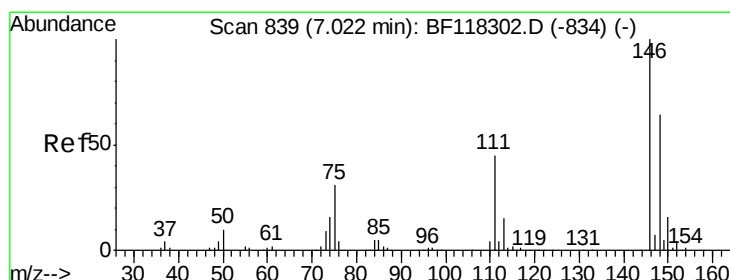
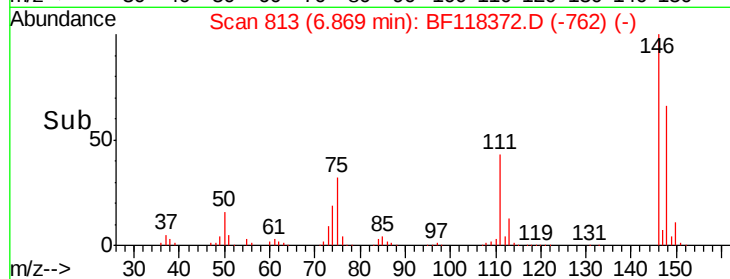
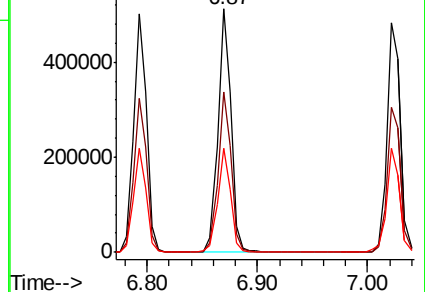
111 42.9 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.463 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

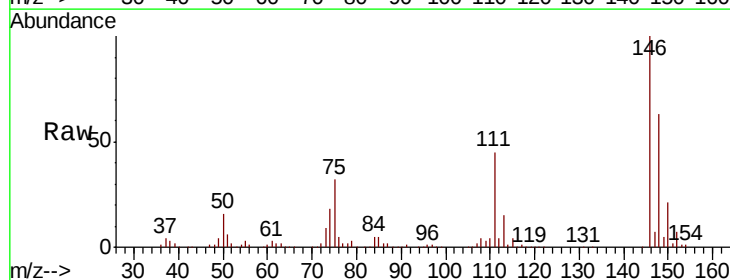
Tgt Ion:146 Resp: 401983

Ion Ratio Lower Upper

146 100

148 63.4 51.3 76.9

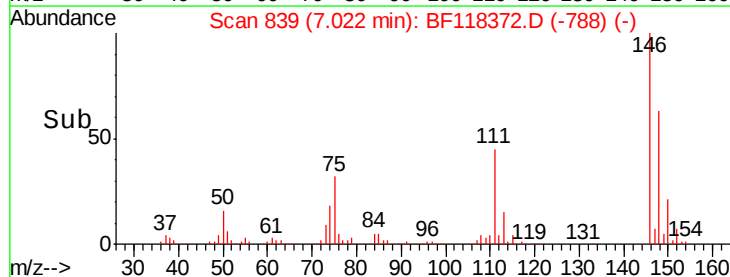
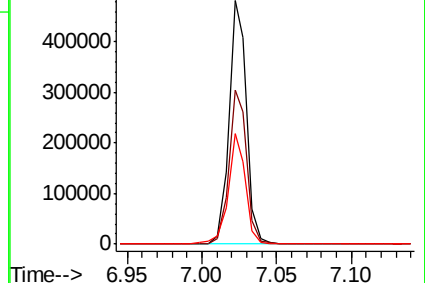
111 45.4 35.7 53.5

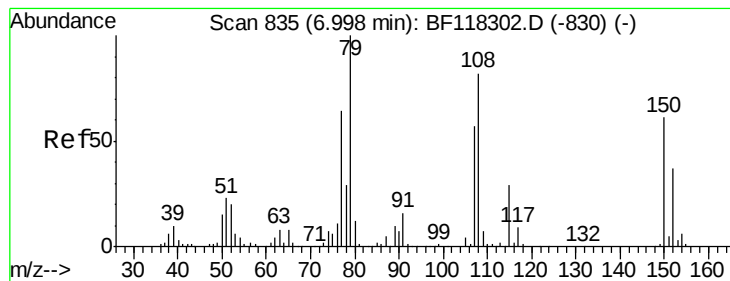


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.454 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampled :

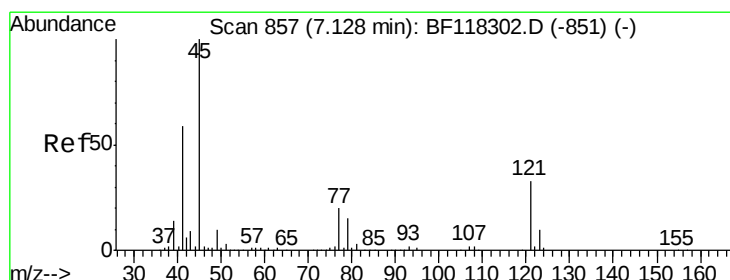
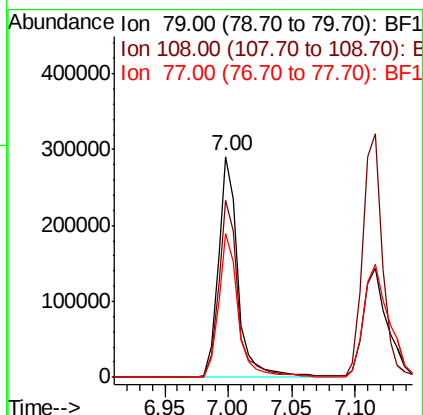
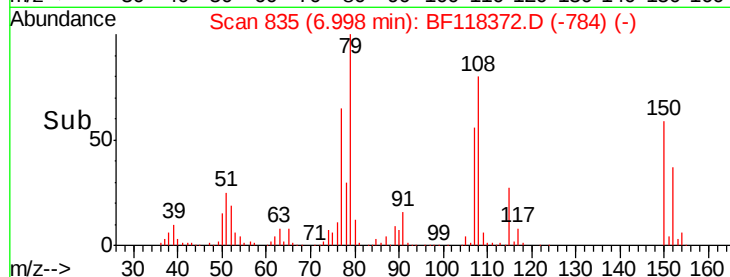
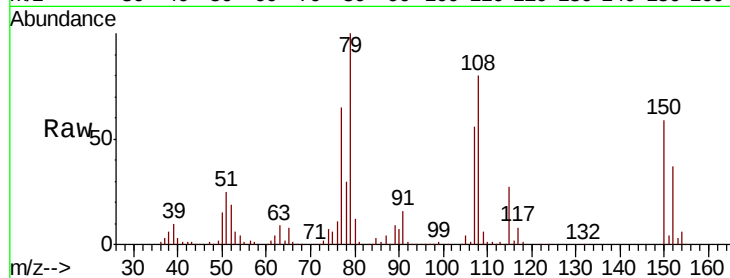
Tot Ion: 79 Resp: 316836

Ion Ratio Lower Upper

79 100

108 80.2 65.4 98.0

77 65.0 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.377 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

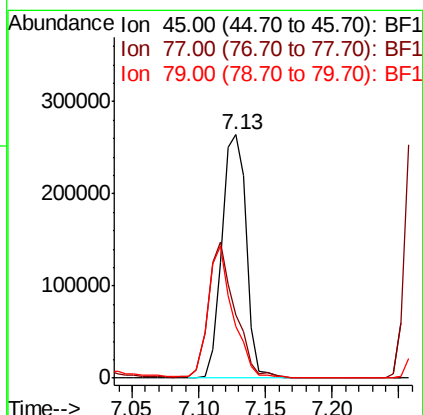
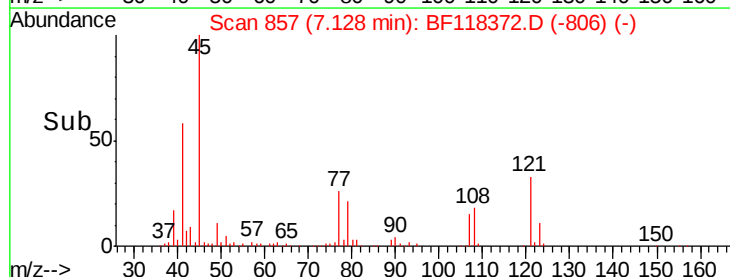
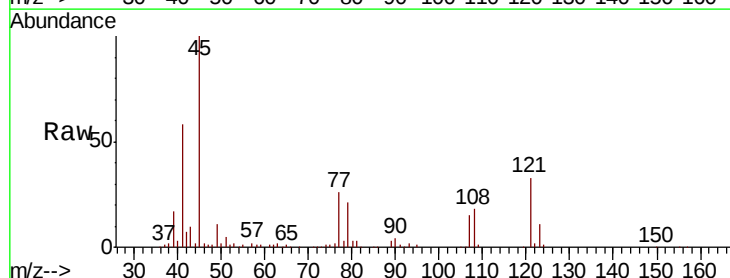
Tgt Ion: 45 Resp: 341303

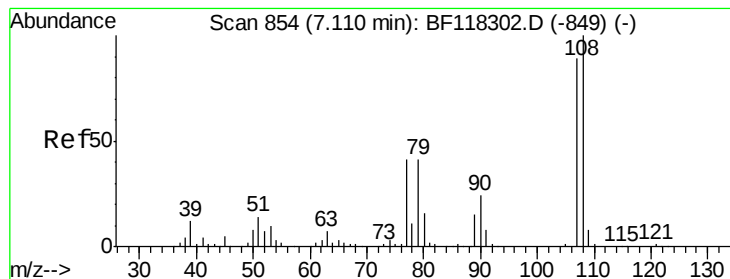
Ion Ratio Lower Upper

45 100

77 25.8 1.2 41.2

79 21.1 0.0 37.0





#17

2-Methylphenol

Concen: 48.129 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampled :

Tot Ion:107 Resp: 309044

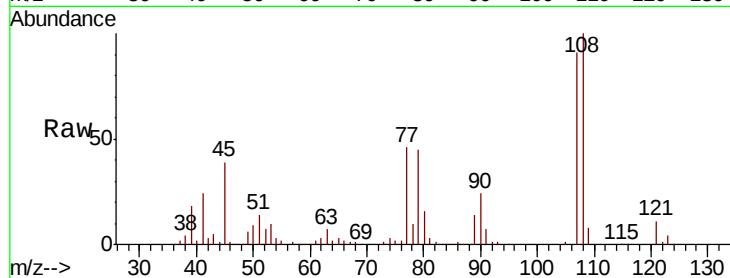
Ion Ratio Lower Upper

107 100

108 110.2 89.7 134.5

77 51.0 37.2 55.8

79 49.6 36.7 55.1

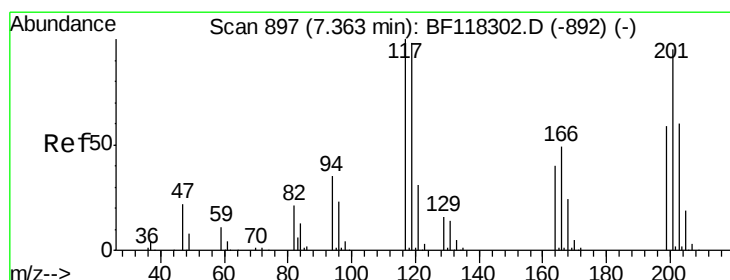
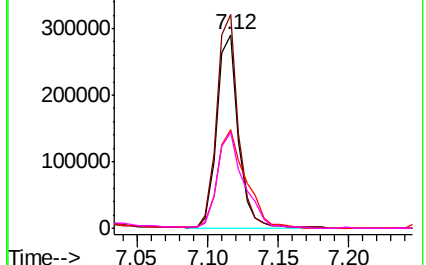
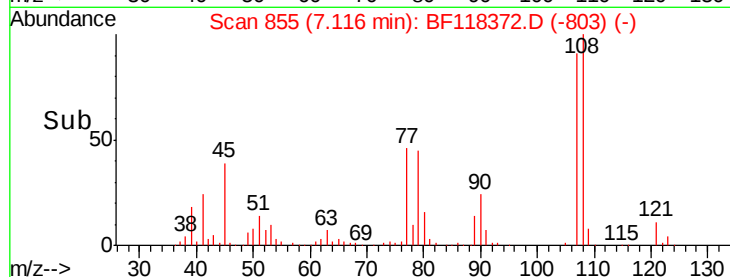


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 44.635 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

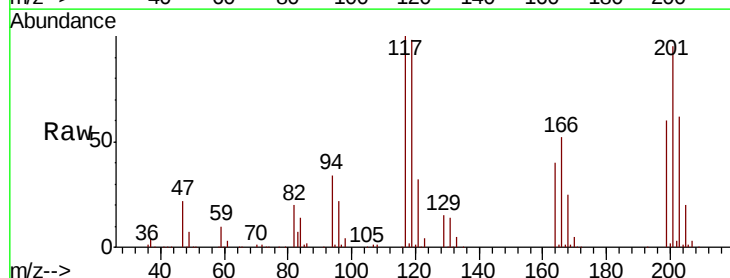
Tgt Ion:117 Resp: 153419

Ion Ratio Lower Upper

117 100

119 97.9 78.0 117.0

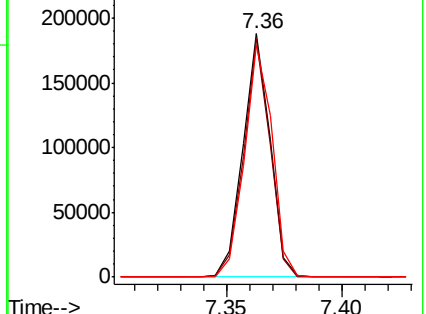
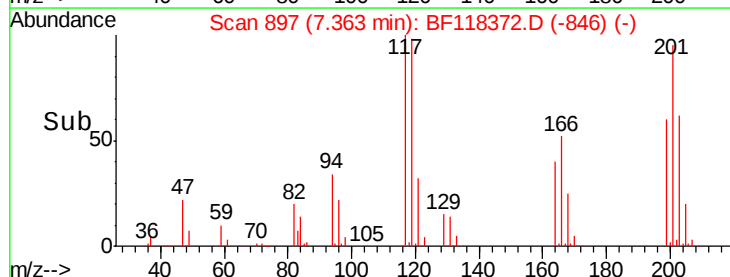
201 95.4 76.2 114.2

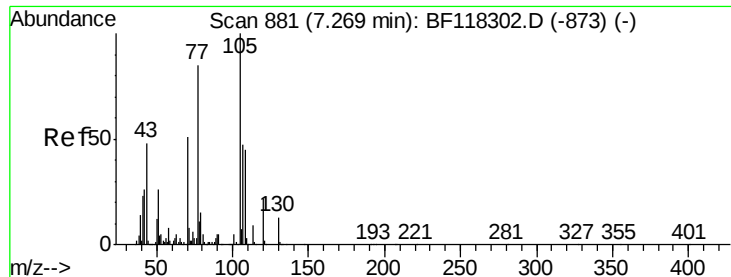


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

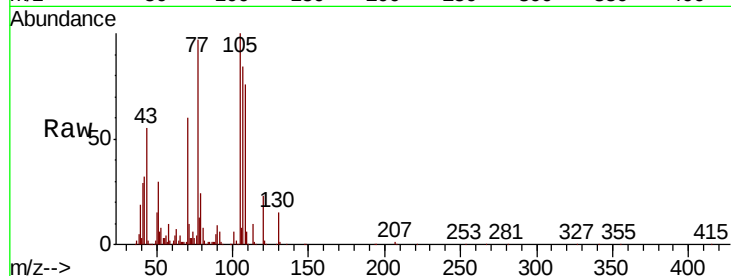




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.503 ng  
RT: 7.27 min Scan# 881  
Delta R.T. 0.00 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 251213 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 53.4  | 41.1  | 61.7   |
| 101      | 10.0  | 8.3   | 12.5   |
| 130      | 24.8  | 20.1  | 30.1   |



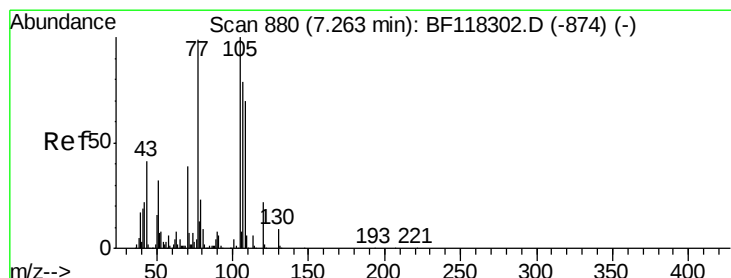
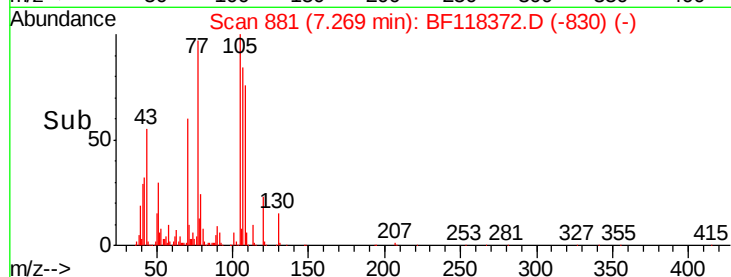
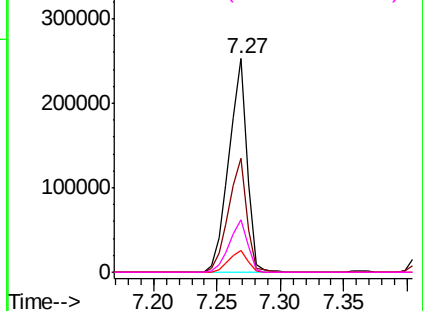
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20  
3+4-Methylphenols  
Concen: 48.223 ng  
RT: 7.27 min Scan# 881  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 396306 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.3  | 69.3  | 109.3  |
| 77       | 115.4 | 105.9 | 145.9  |
| 79       | 28.8  | 9.2   | 49.2   |

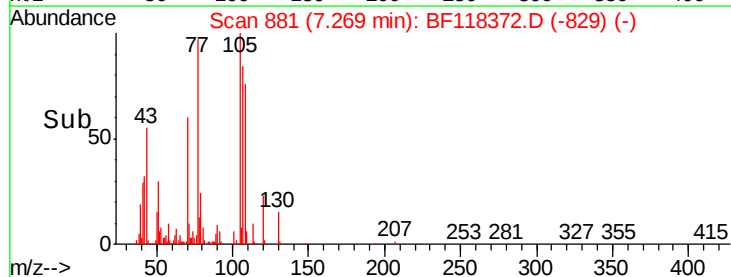
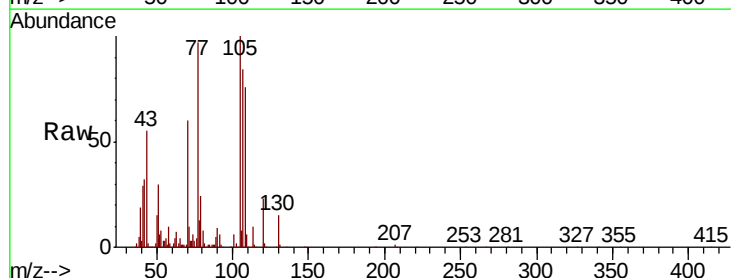
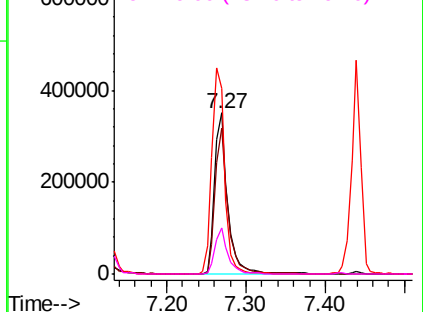
Abundance

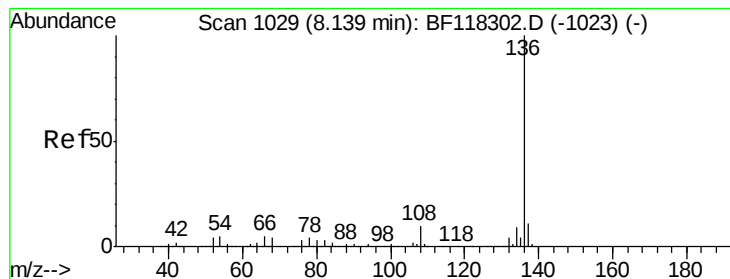
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 477832

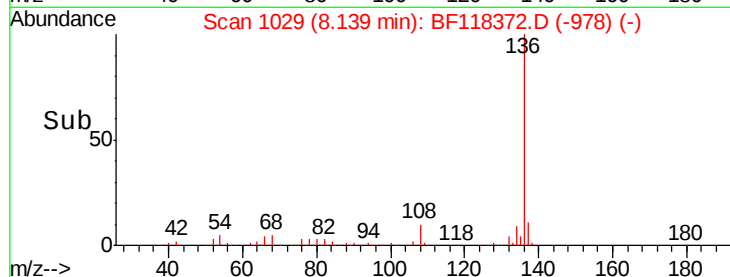
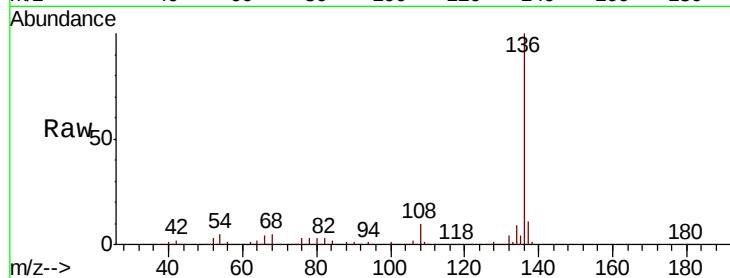
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 5.4 4.2 6.4

68 4.5 3.5 5.3



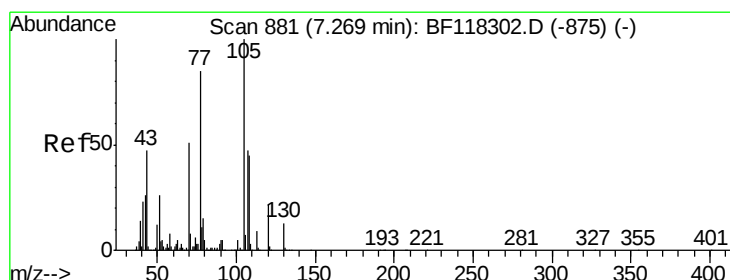
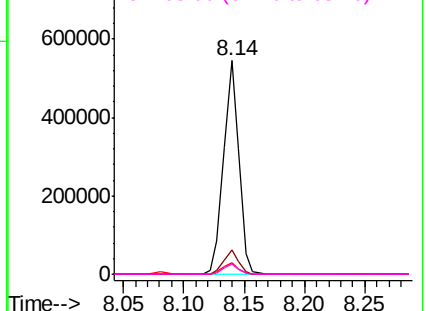
Abundance

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: 44.304 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Tgt Ion:105 Resp: 518845

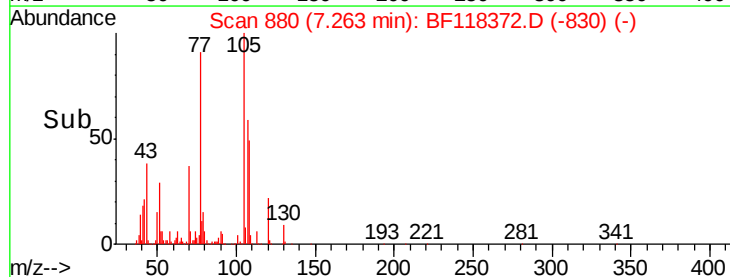
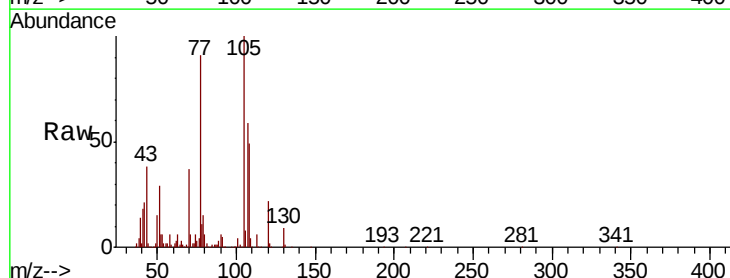
Ion Ratio Lower Upper

105 100

71 6.2 6.6 9.8#

51 29.2 20.6 30.8

120 22.4 18.0 27.0



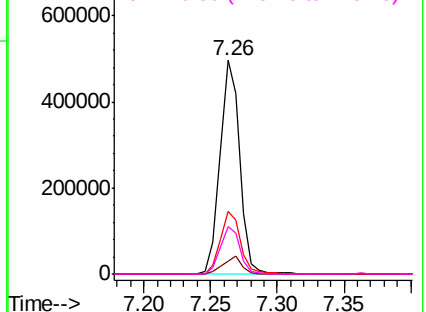
Abundance

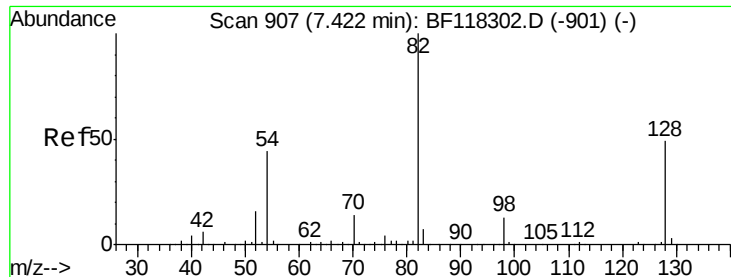
Ion 105.00 (104.70 to 105.70): E

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

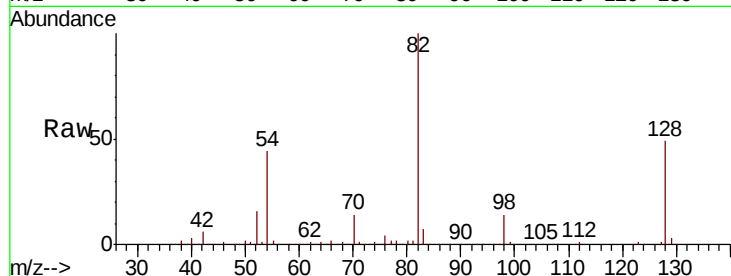




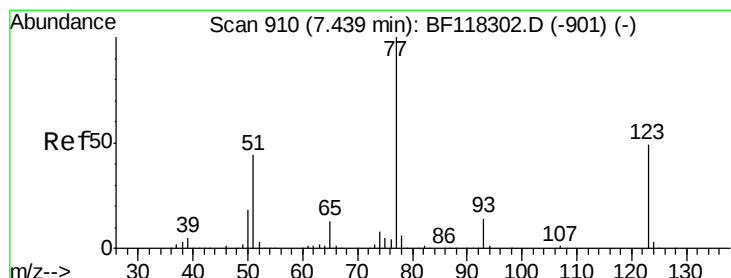
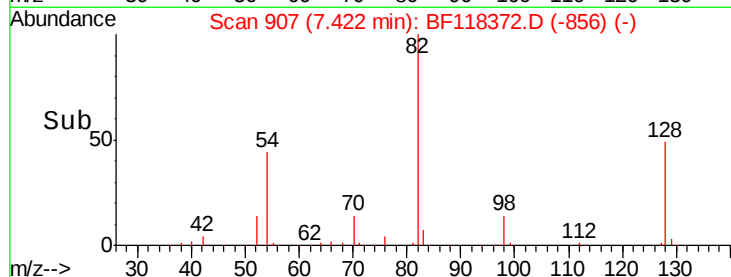
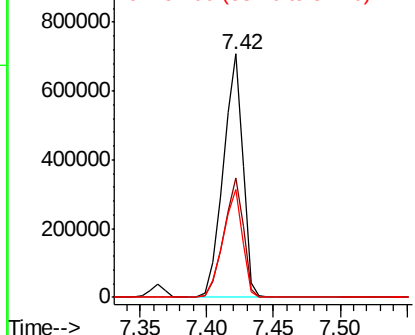
#23  
 Nitrobenzene-d5  
 Concen: 88.443 ng  
 RT: 7.42 min Scan# 907  
 Delta R.T. 0.00 min  
 Lab File: BF118372.D  
 Acq: 28 Dec 2019 18:30

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion: 82 Resp: 738895  
 Ion Ratio Lower Upper  
 82 100  
 128 49.0 39.6 59.4  
 54 44.2 34.9 52.3

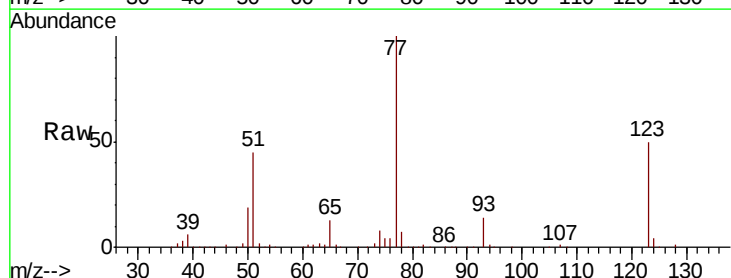


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

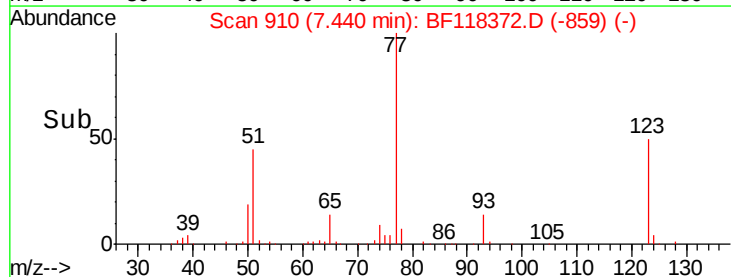
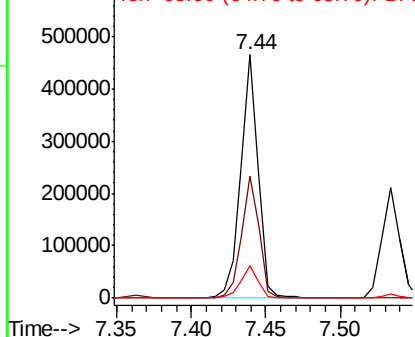


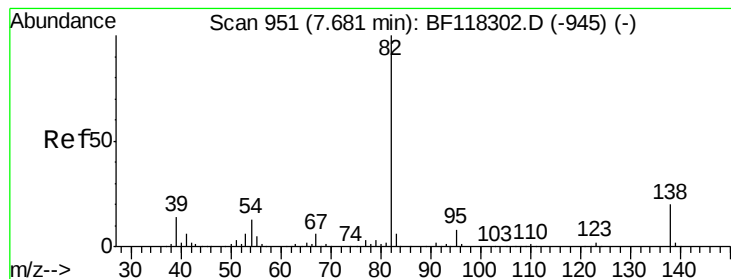
#24  
 Nitrobenzene  
 Concen: 45.122 ng  
 RT: 7.44 min Scan# 910  
 Delta R.T. 0.00 min  
 Lab File: BF118372.D  
 Acq: 28 Dec 2019 18:30

Tgt Ion: 77 Resp: 377624  
 Ion Ratio Lower Upper  
 77 100  
 123 49.9 39.1 58.7  
 65 13.3 10.6 16.0



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





#25

Isophorone

Concen: 47.271 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampleId :

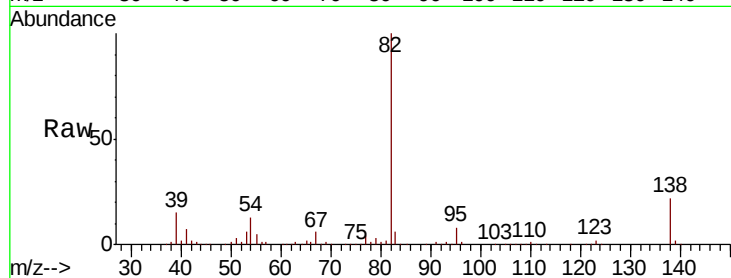
Tot Ion: 82 Resp: 688272

Ion Ratio Lower Upper

82 100

95 8.3 6.3 9.5

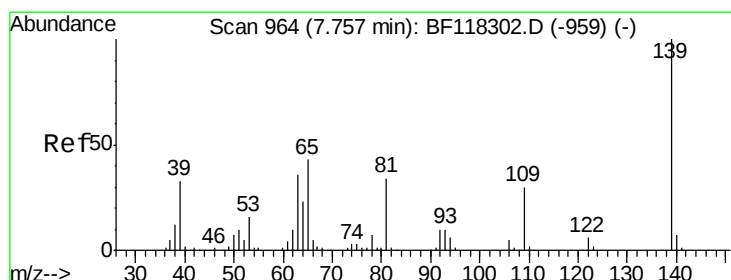
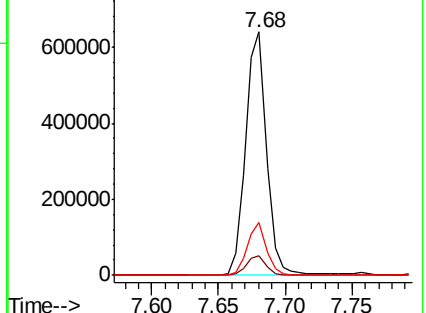
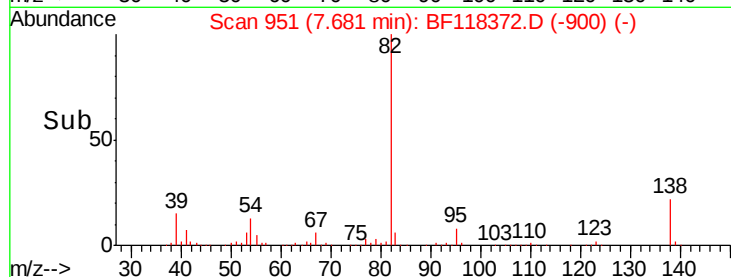
138 21.6 16.2 24.2



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: 48.094 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

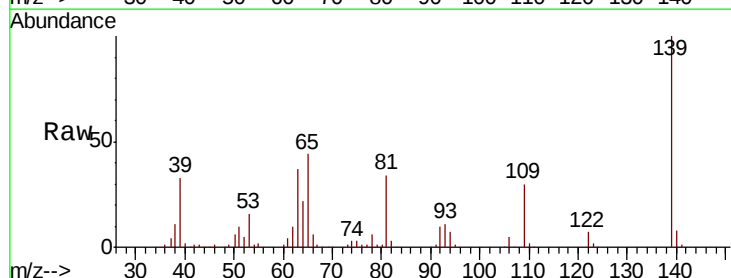
Tgt Ion: 139 Resp: 213189

Ion Ratio Lower Upper

139 100

109 30.4 24.1 36.1

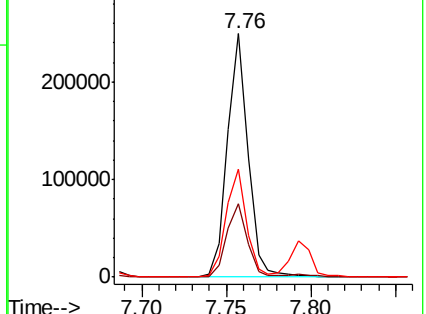
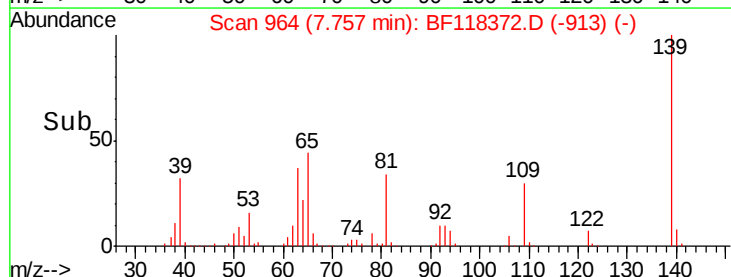
65 44.3 34.6 52.0

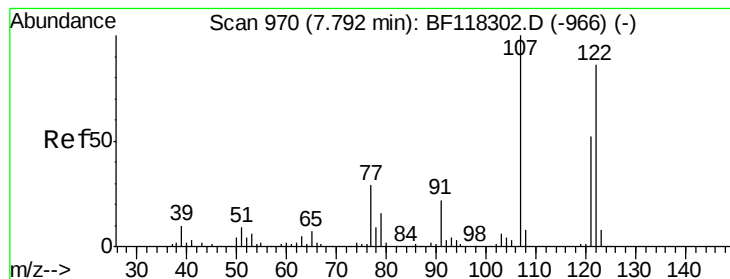


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 55.551 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampled :

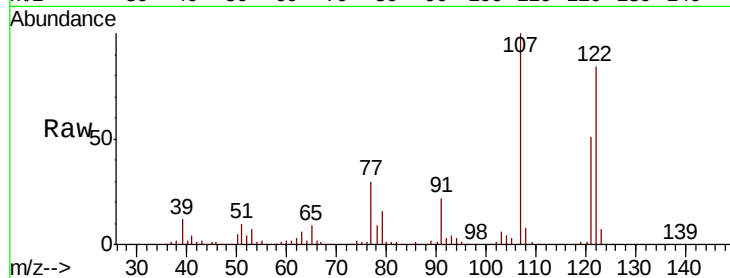
Tot Ion:122 Resp: 335972

Ion Ratio Lower Upper

122 100

107 119.4 92.9 139.3

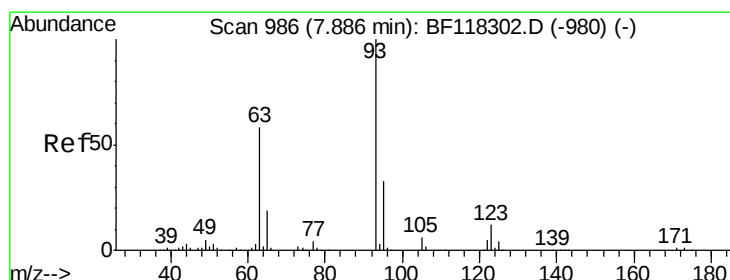
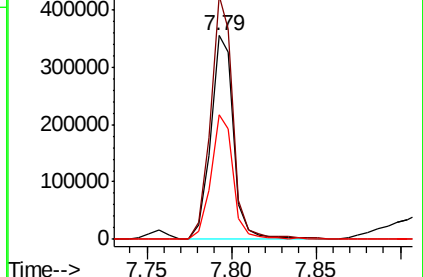
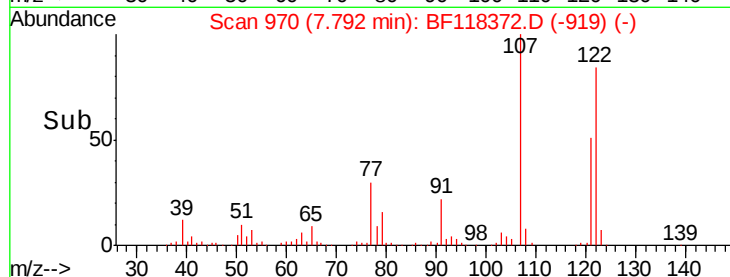
121 61.3 47.9 71.9



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: 45.309 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

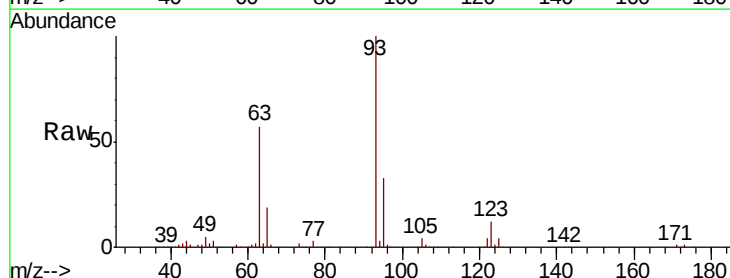
Tgt Ion: 93 Resp: 431440

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

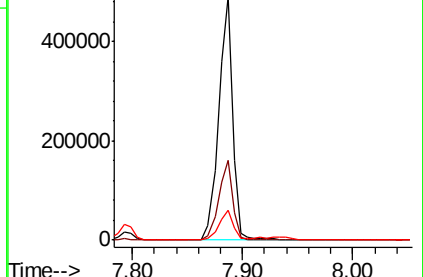
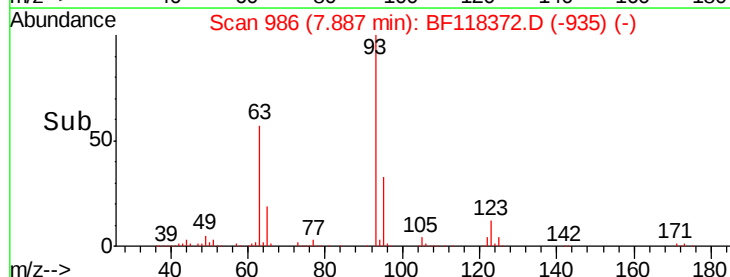
123 12.4 9.8 14.8

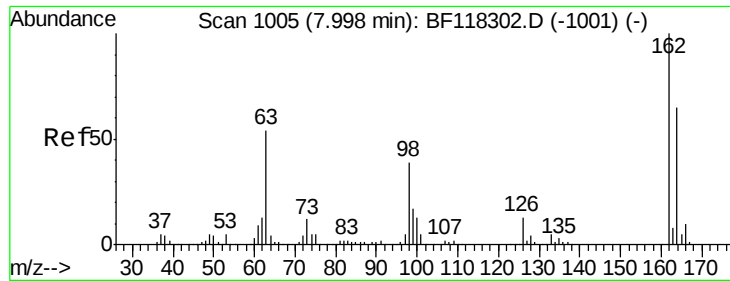


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

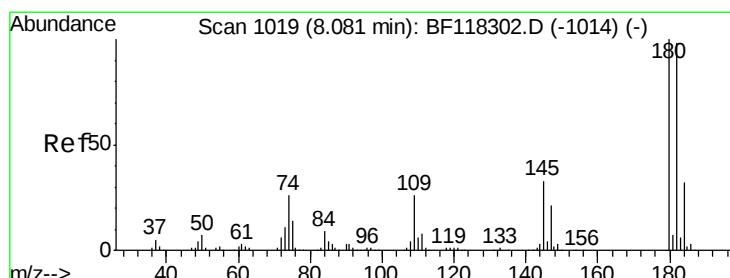
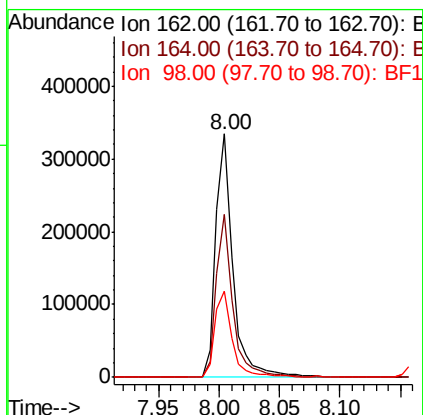
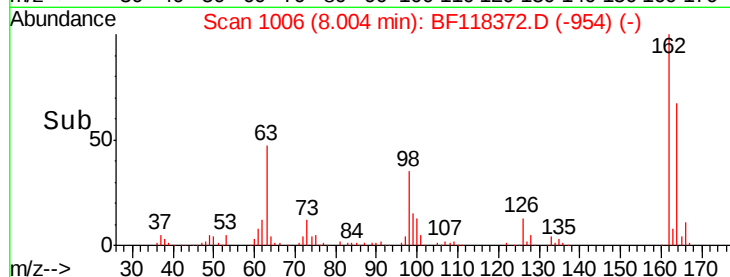
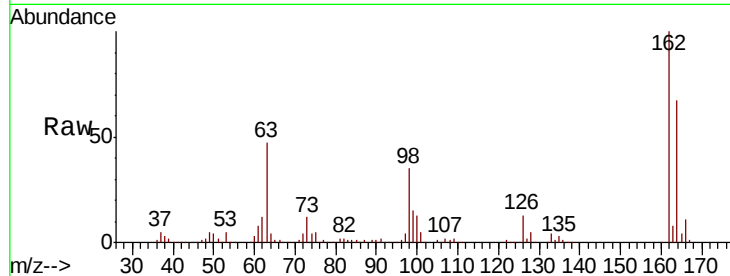




#29  
 2,4-Dichlorophenol  
 Concen: 46.914 ng  
 RT: 8.00 min Scan# 1006  
 Delta R.T. 0.01 min  
 Lab File: BF118372.D  
 Acq: 28 Dec 2019 18:30

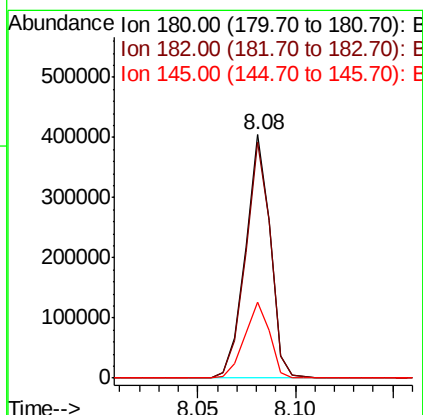
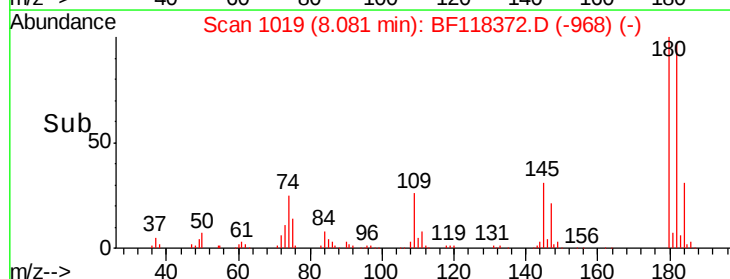
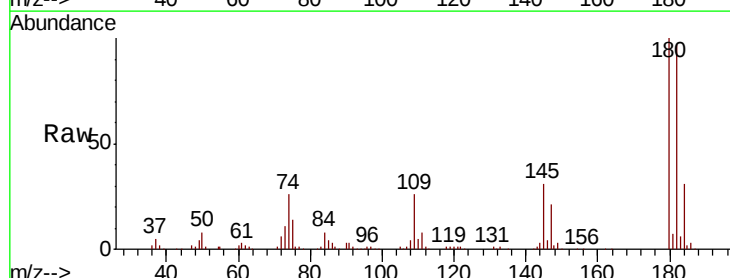
Instrument :  
 BNA\_F  
 ClientSampleId :

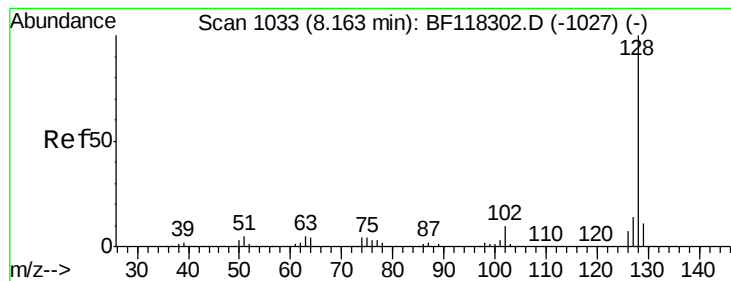
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.8  | 45.1  | 85.1  |
| 98      | 35.5  | 18.6  | 58.6  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.878 ng  
 RT: 8.08 min Scan# 1019  
 Delta R.T. 0.00 min  
 Lab File: BF118372.D  
 Acq: 28 Dec 2019 18:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.7  | 78.3  | 117.5 |
| 145     | 31.4  | 26.7  | 40.1  |





#31

Naphthalene

Concen: 46.576 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampleId :

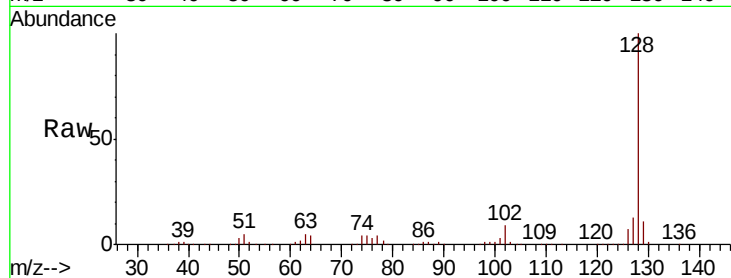
Tot Ion:128 Resp: 1131160

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

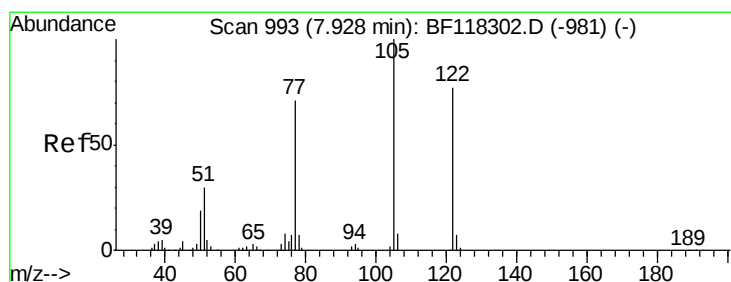
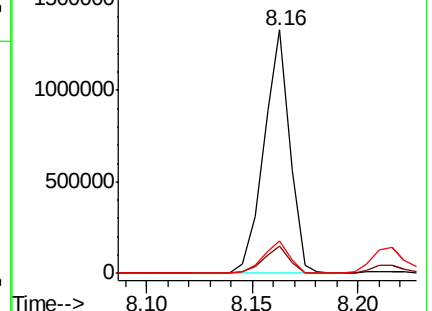
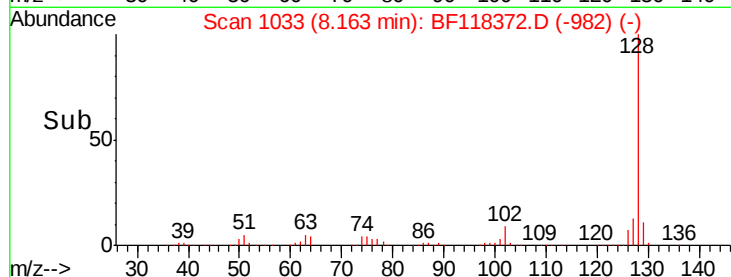
127 13.2 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.927 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

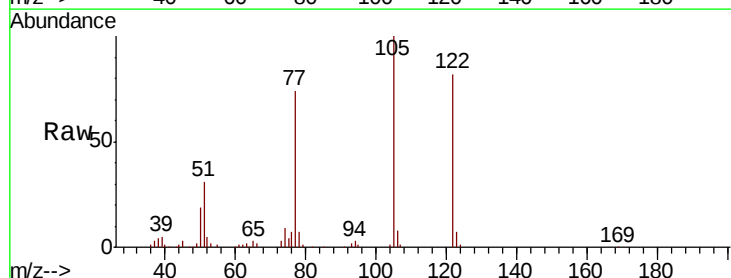
Tgt Ion:122 Resp: 204174

Ion Ratio Lower Upper

122 100

105 121.5 106.8 146.8

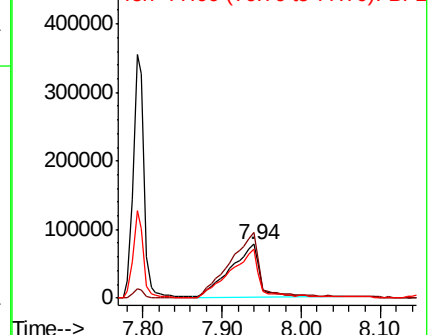
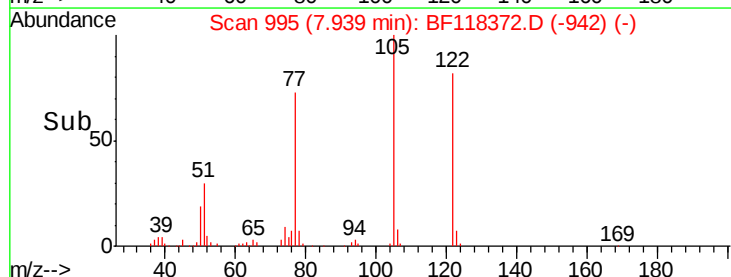
77 89.9 70.4 110.4

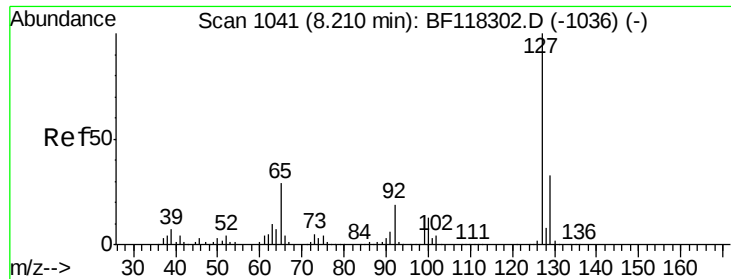


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

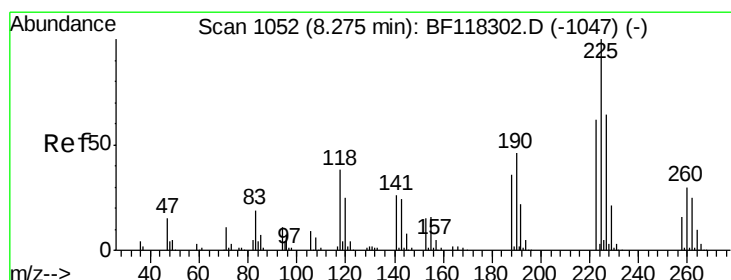
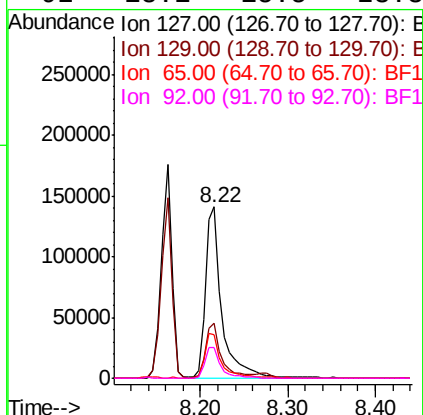
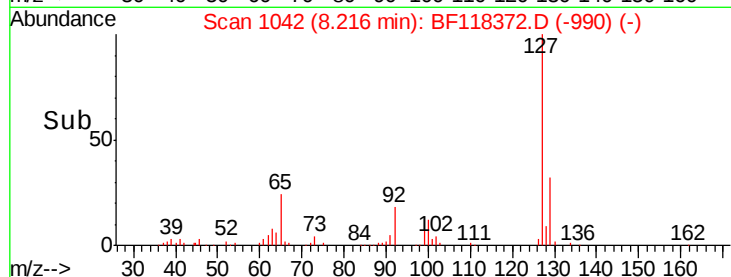
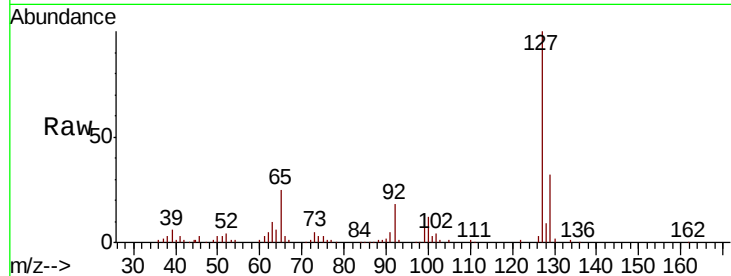




#33  
4-Chloroaniline  
Concen: 17.722 ng  
RT: 8.22 min Scan# 1042  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

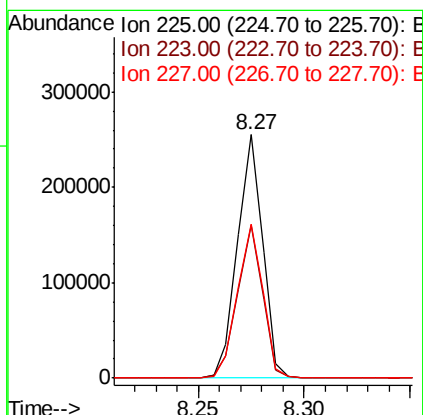
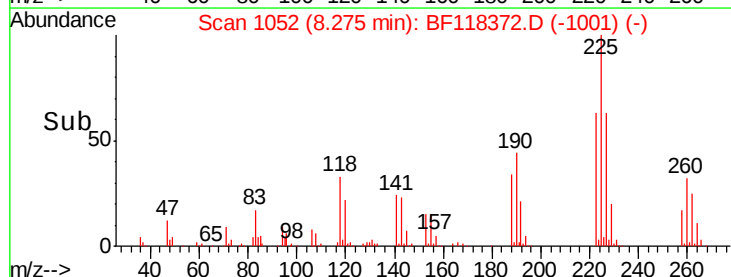
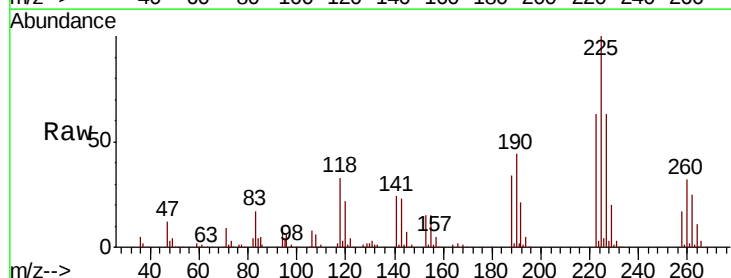
Instrument :  
BNA\_F  
ClientSampleId :

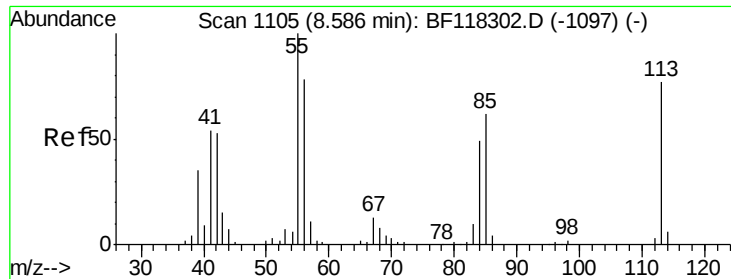
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 184513 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 26.5  | 39.7   |
| 65       | 25.3  | 22.8  | 34.2   |
| 92       | 18.1  | 15.5  | 23.3   |



#34  
Hexachlorobutadiene  
Concen: 43.439 ng  
RT: 8.27 min Scan# 1052  
Delta R.T. 0.00 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 209682 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.6  | 49.5  | 74.3   |
| 227      | 63.3  | 51.0  | 76.4   |

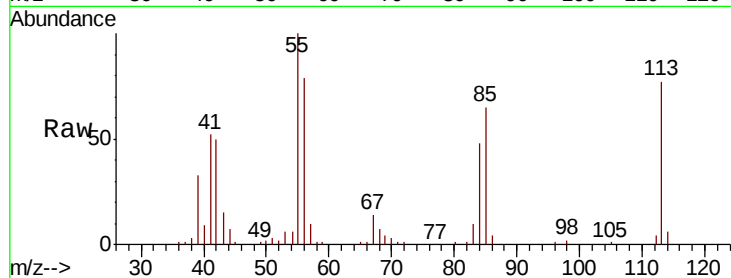




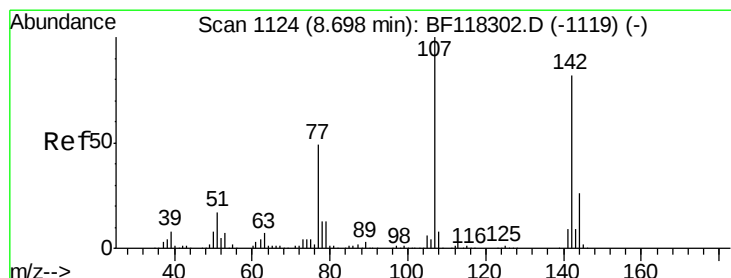
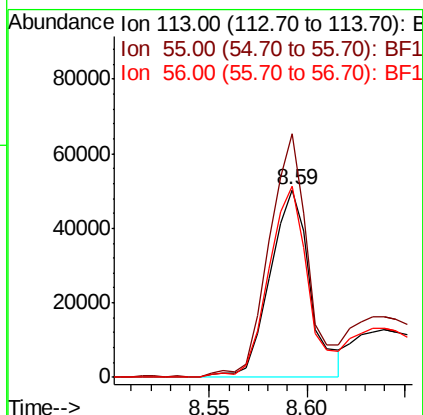
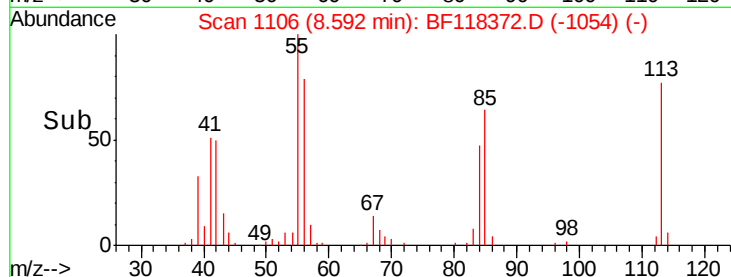
#35  
 Caprolactam  
 Concen: 32.949 ng  
 RT: 8.59 min Scan# 1106  
 Delta R.T. 0.01 min  
 Lab File: BF118372.D  
 Acq: 28 Dec 2019 18:30

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:113 Resp: 71608  
 Ion Ratio Lower Upper  
 113 100  
 55 129.6 109.8 149.8  
 56 101.9 81.7 121.7

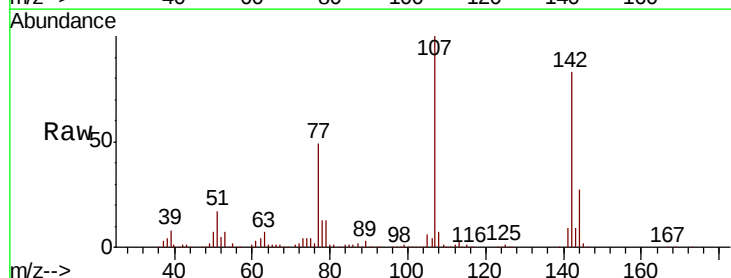


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

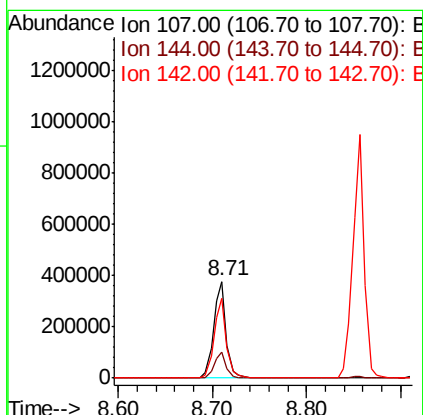
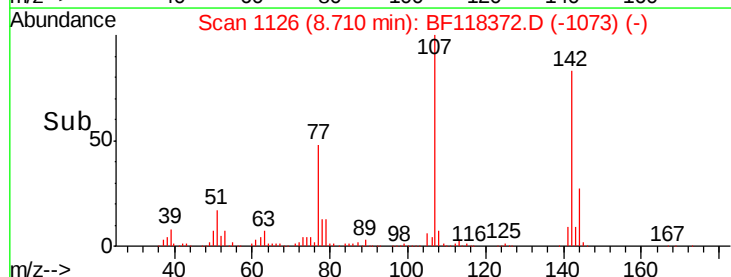


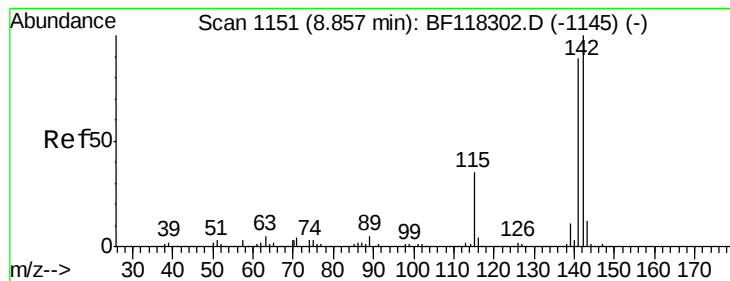
#36  
 4-Chloro-3-methylphenol  
 Concen: 47.620 ng  
 RT: 8.71 min Scan# 1126  
 Delta R.T. 0.01 min  
 Lab File: BF118372.D  
 Acq: 28 Dec 2019 18:30

Tgt Ion:107 Resp: 355905  
 Ion Ratio Lower Upper  
 107 100  
 144 26.8 21.2 31.8  
 142 82.6 65.4 98.2



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

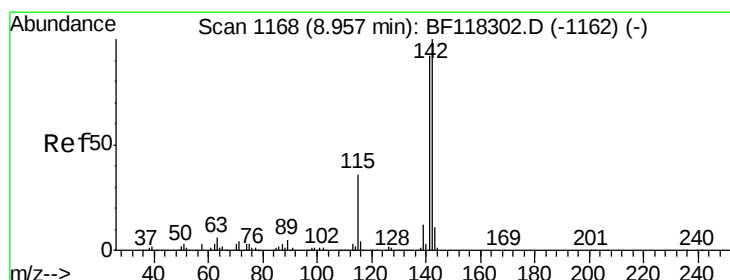
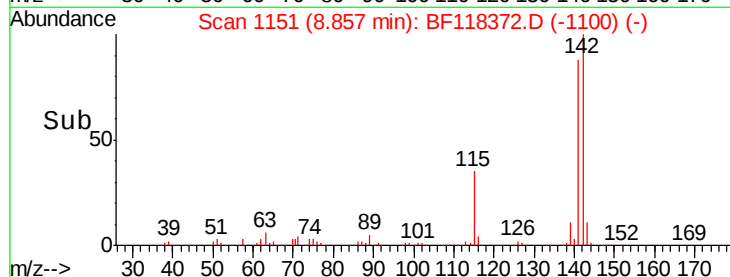
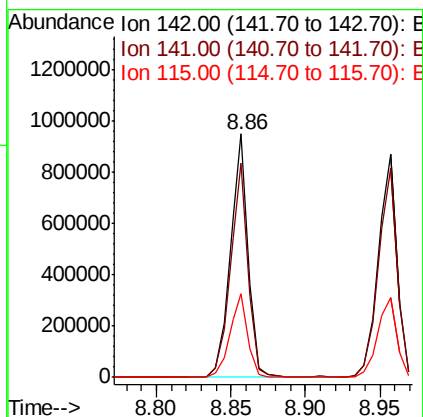
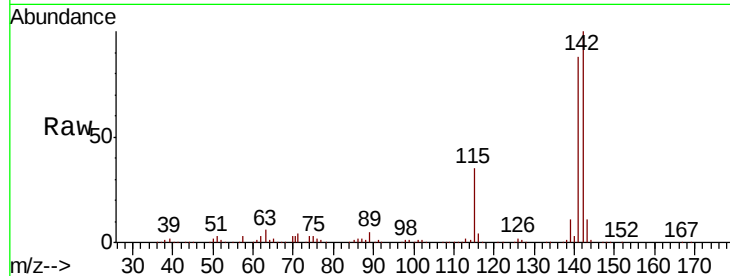




#37  
2-Methylnaphthalene  
Concen: 47.786 ng  
RT: 8.86 min Scan# 1151  
Delta R.T. 0.00 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

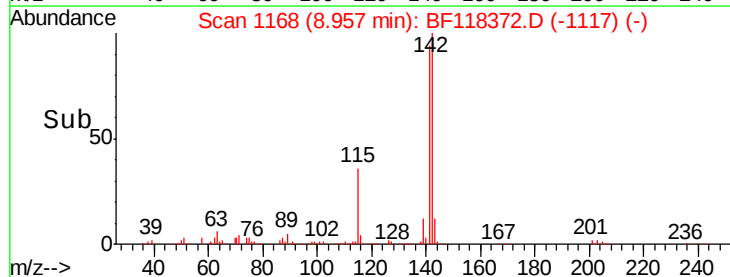
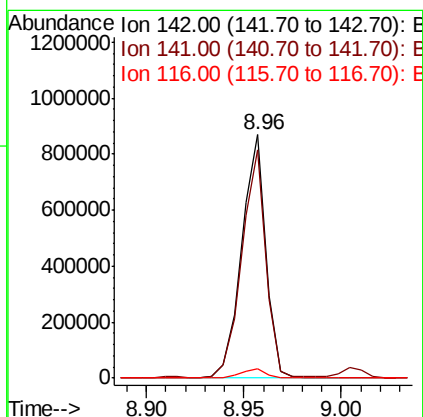
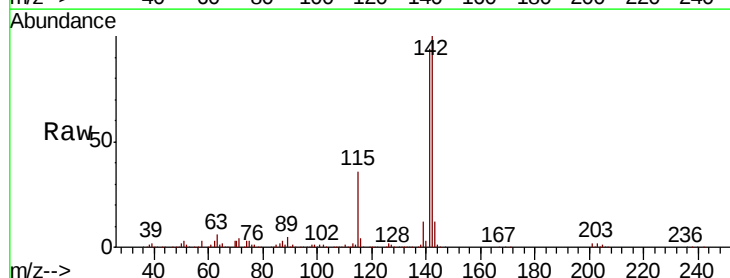
Instrument :  
BNA\_F  
ClientSampleId :

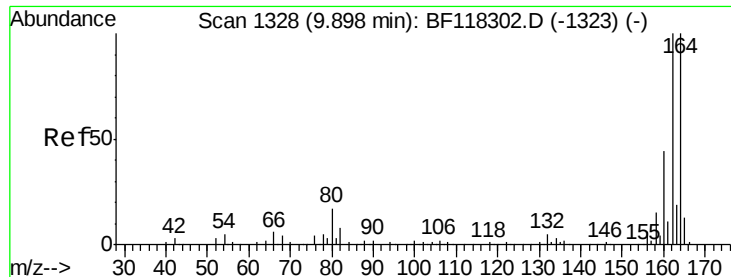
Tot Ion:142 Resp: 794583  
Ion Ratio Lower Upper  
142 100  
141 88.0 71.2 106.8  
115 34.5 28.0 42.0



#38  
1-Methylnaphthalene  
Concen: 47.196 ng  
RT: 8.96 min Scan# 1168  
Delta R.T. 0.00 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Tgt Ion:142 Resp: 739370  
Ion Ratio Lower Upper  
142 100  
141 93.5 73.4 110.2  
116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampleId :

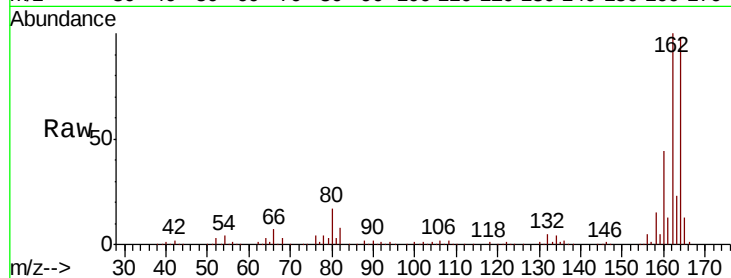
Tot Ion:164 Resp: 258165

Ion Ratio Lower Upper

164 100

162 101.6 80.0 120.0

160 45.1 34.8 52.2

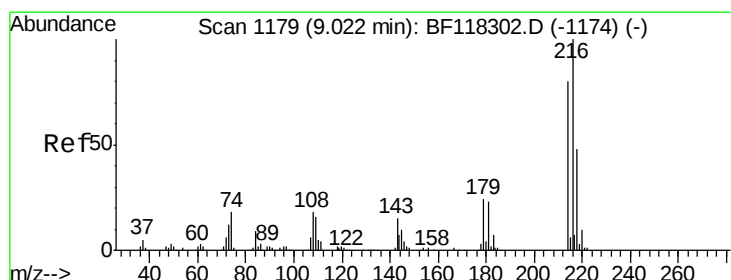
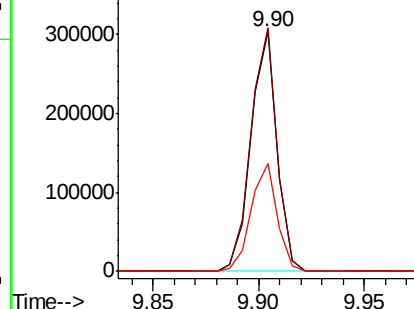
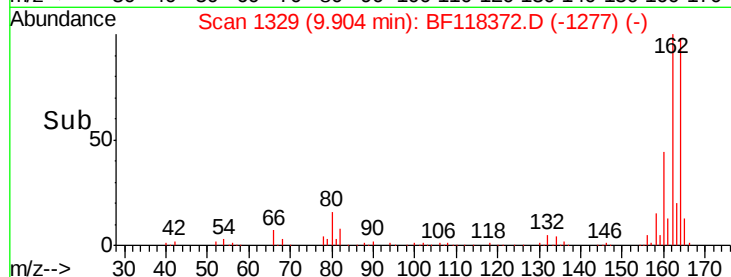


Abundance

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: 44.442 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Tgt Ion:216 Resp: 344725

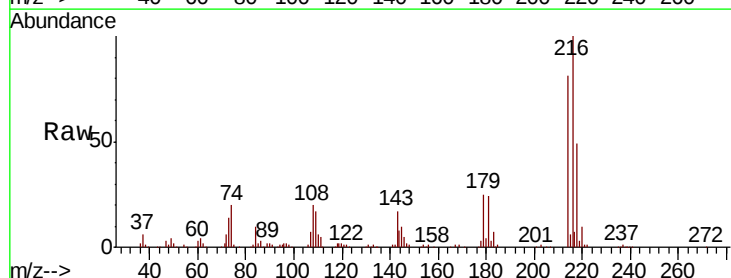
Ion Ratio Lower Upper

216 100

214 79.8 63.3 94.9

179 23.8 18.9 28.3

108 20.5 15.0 22.6



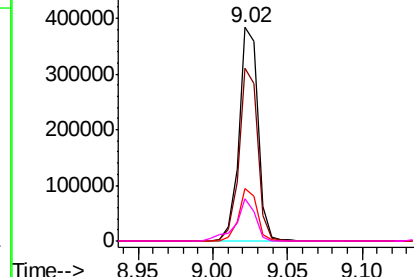
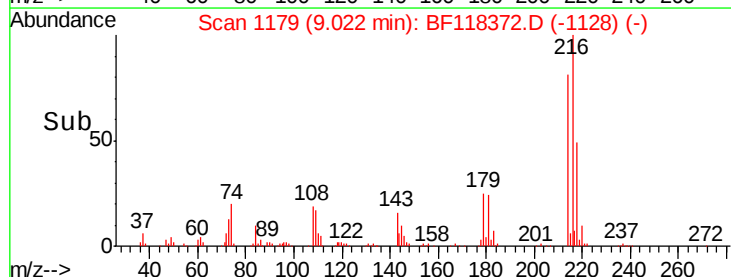
Abundance

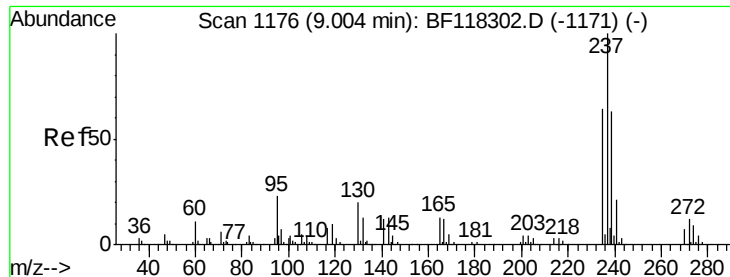
Ion 216.00 (215.70 to 216.70): E

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

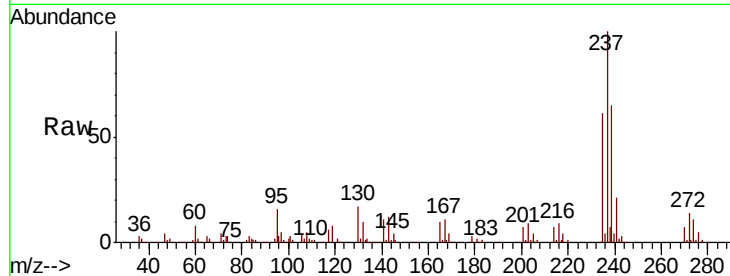




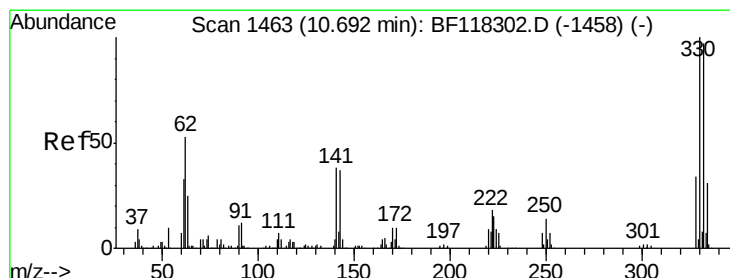
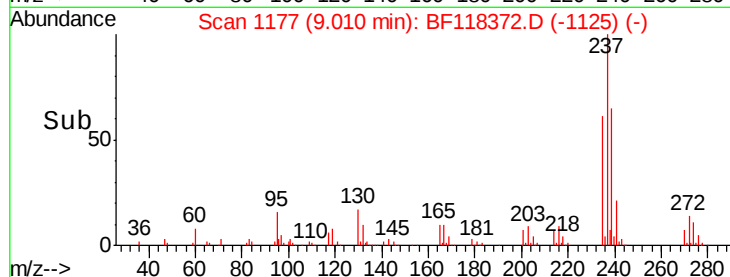
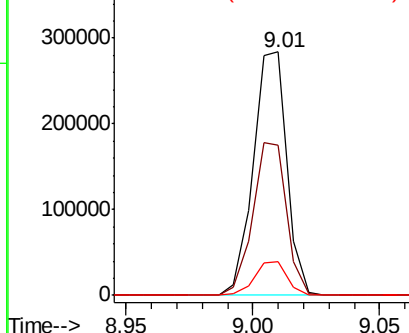
#41  
Hexachlorocyclopentadiene  
Concen: 80.381 ng  
RT: 9.01 min Scan# 1177  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:237 Resp: 262719  
Ion Ratio Lower Upper  
237 100  
235 61.5 43.8 83.8  
272 13.6 0.0 31.7

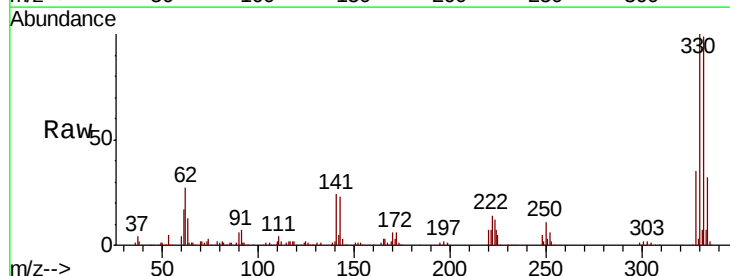


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

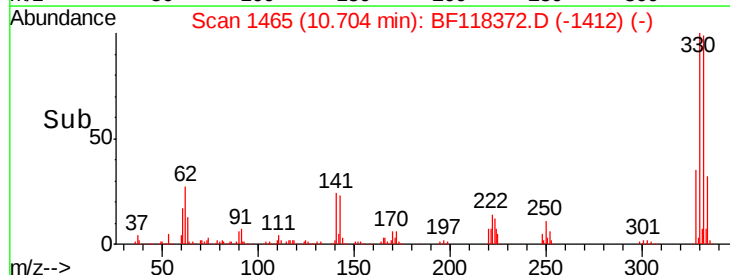
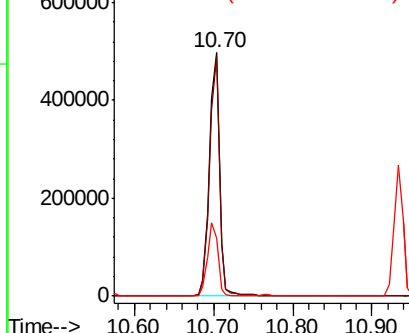


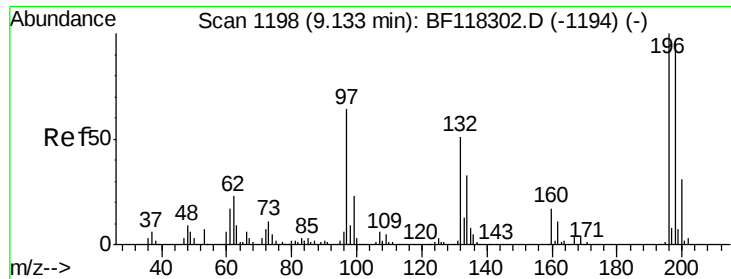
#42  
2,4,6-Tribromophenol  
Concen: 141.139 ng  
RT: 10.70 min Scan# 1465  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Tgt Ion:330 Resp: 449972  
Ion Ratio Lower Upper  
330 100  
332 95.1 76.6 114.8  
141 30.8 26.0 39.0



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

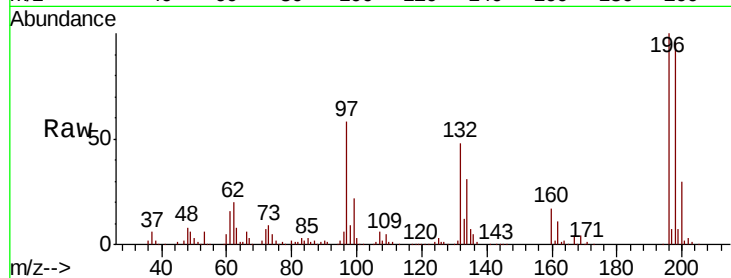




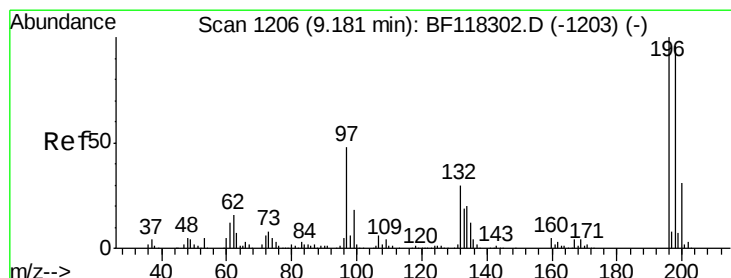
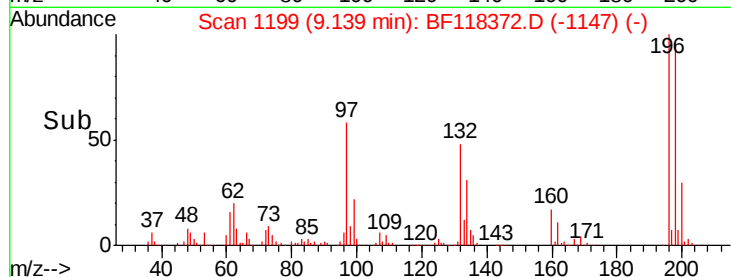
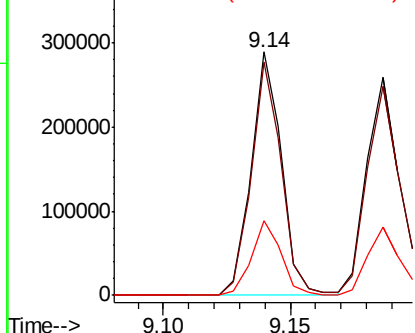
#43  
 2,4,6-Trichlorophenol  
 Concen: 46.520 ng  
 RT: 9.14 min Scan# 1199  
 Delta R.T. 0.01 min  
 Lab File: BF118372.D  
 Acq: 28 Dec 2019 18:30

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:196 Resp: 241066  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 76.7 115.1  
 200 30.4 24.8 37.2

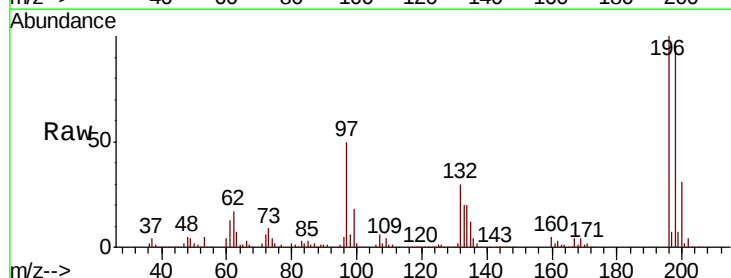


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

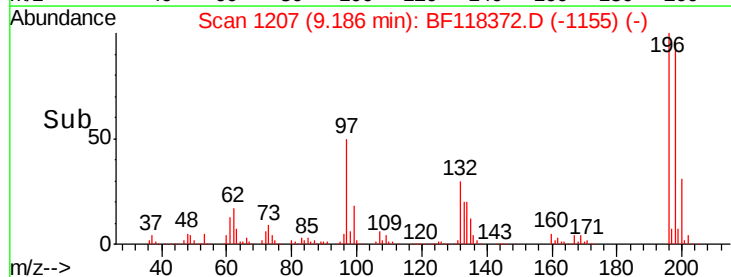
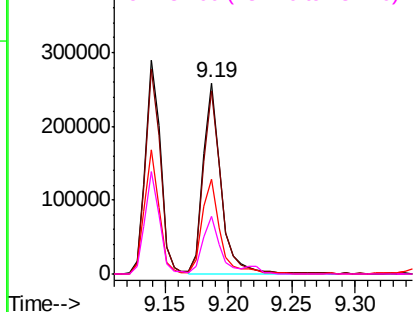


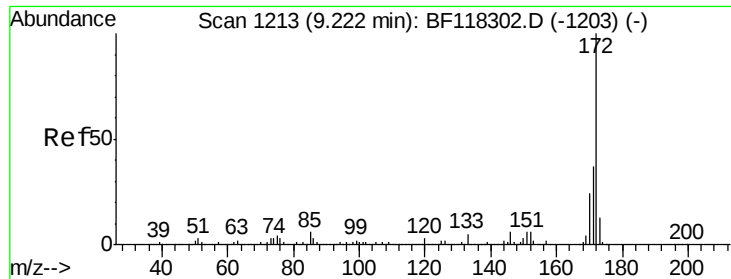
#44  
 2,4,5-Trichlorophenol  
 Concen: 47.248 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. 0.01 min  
 Lab File: BF118372.D  
 Acq: 28 Dec 2019 18:30

Tgt Ion:196 Resp: 251871  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 77.0 115.4  
 97 49.6 38.9 58.3  
 132 30.1 23.9 35.9



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

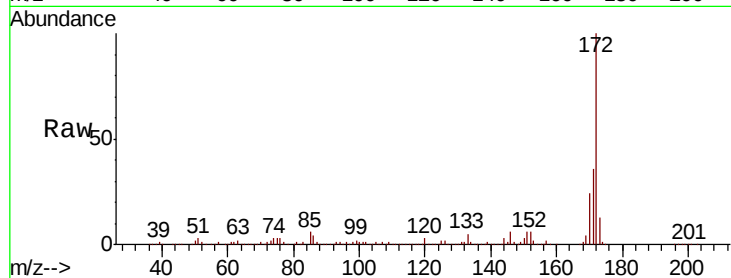




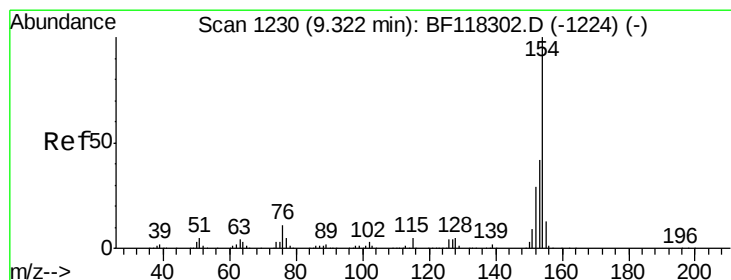
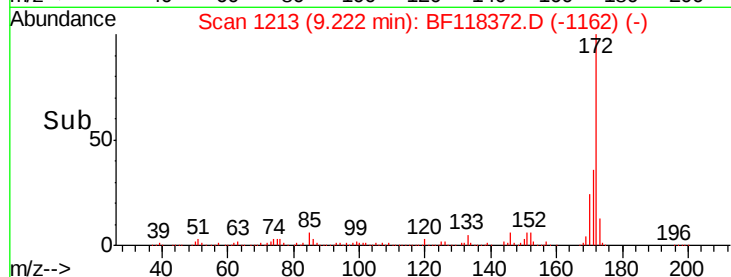
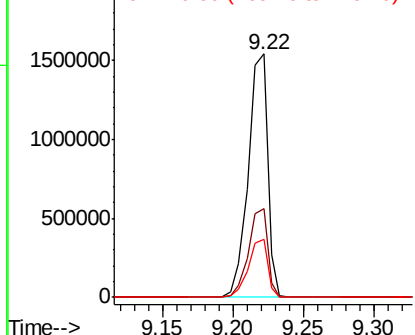
#45  
2-Fluorobiphenyl  
Concen: 88.423 ng  
RT: 9.22 min Scan# 1213  
Delta R.T. 0.00 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 1495465  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.3 43.9  
170 23.9 19.2 28.8

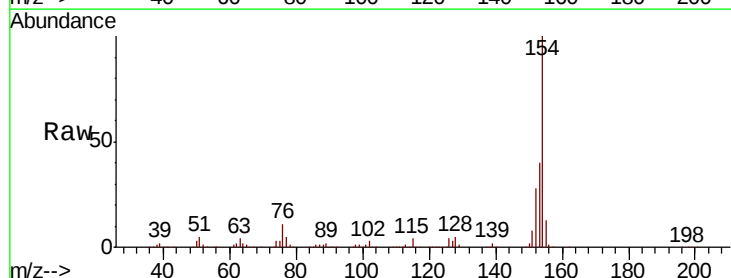


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

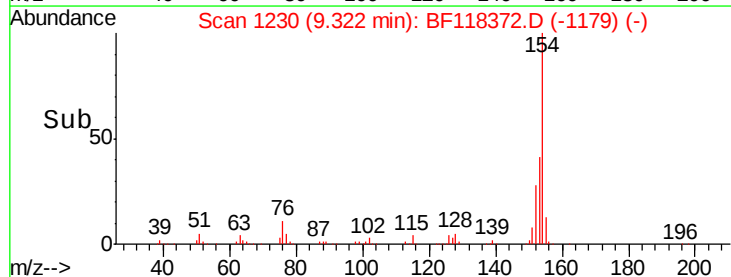
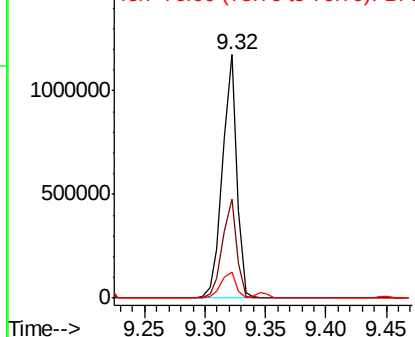


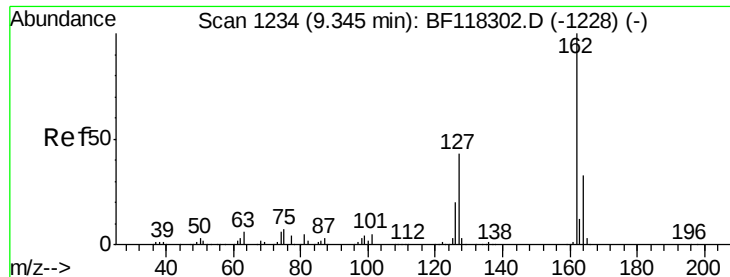
#46  
1,1'-Biphenyl  
Concen: 46.802 ng  
RT: 9.32 min Scan# 1230  
Delta R.T. 0.00 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Tgt Ion:154 Resp: 955668  
Ion Ratio Lower Upper  
154 100  
153 40.5 21.8 61.8  
76 10.9 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF1

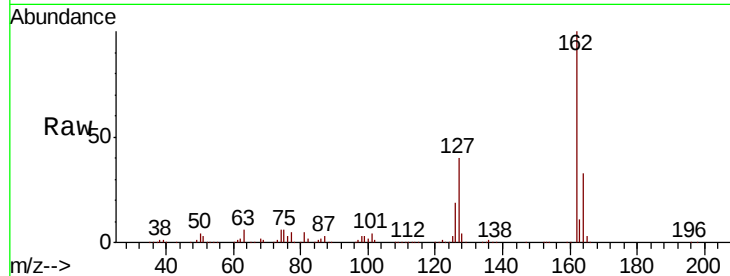




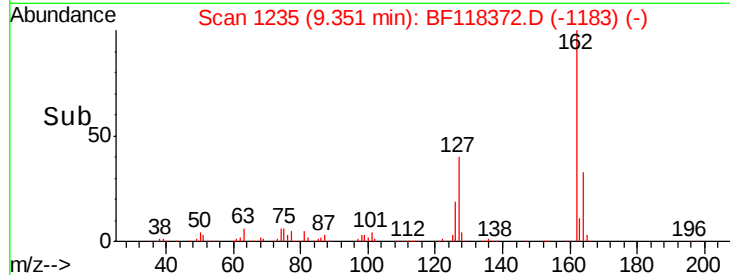
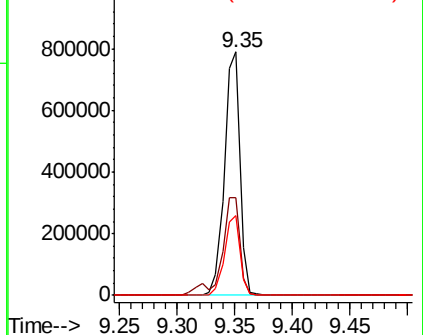
#47  
2-Chloronaphthalene  
Concen: 44.818 ng  
RT: 9.35 min Scan# 1235  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 162 Resp: 736548  
Ion Ratio Lower Upper  
162 100  
127 40.1 35.0 52.4  
164 32.9 26.6 40.0

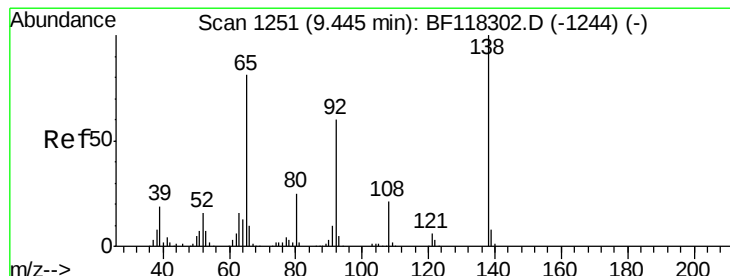


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

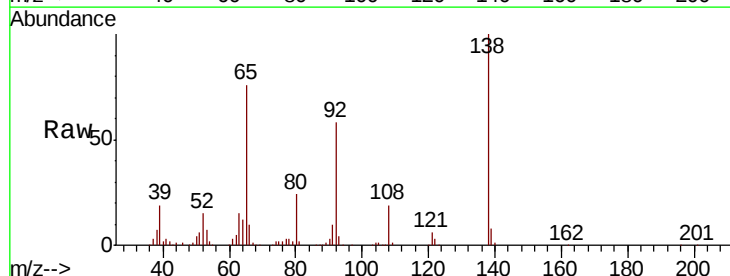
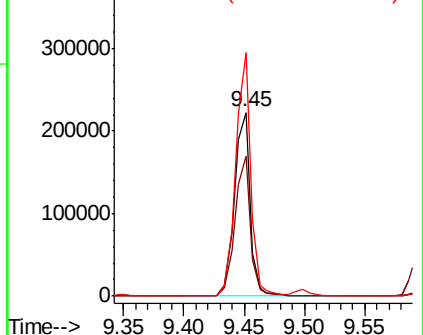


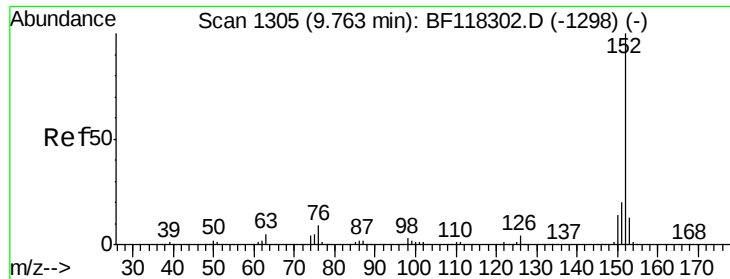
#48  
2-Nitroaniline  
Concen: 44.023 ng  
RT: 9.45 min Scan# 1252  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Tgt Ion: 65 Resp: 204350  
Ion Ratio Lower Upper  
65 100  
92 76.1 58.7 88.1  
138 132.3 98.5 147.7



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





#49

Acenaphthylene

Concen: 47.931 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

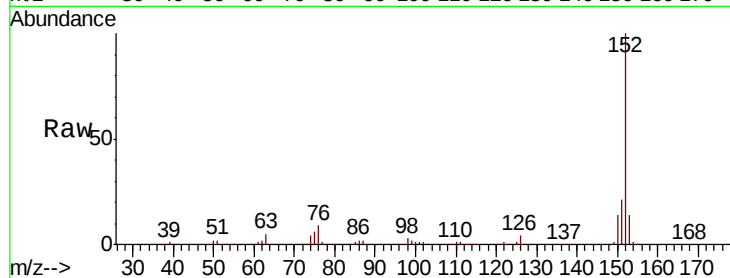
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:152 Resp: 1168265

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.5  | 16.2  | 24.2  |
| 153 | 13.6  | 10.5  | 15.7  |

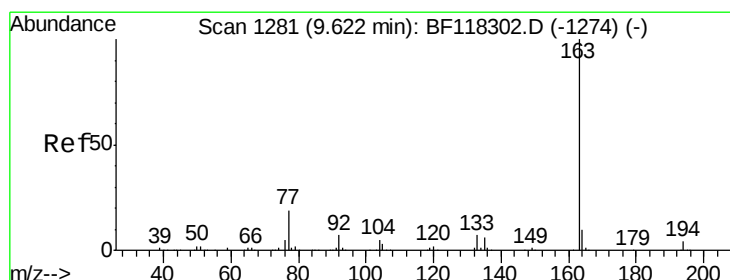
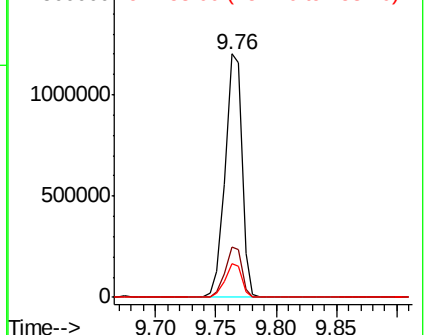
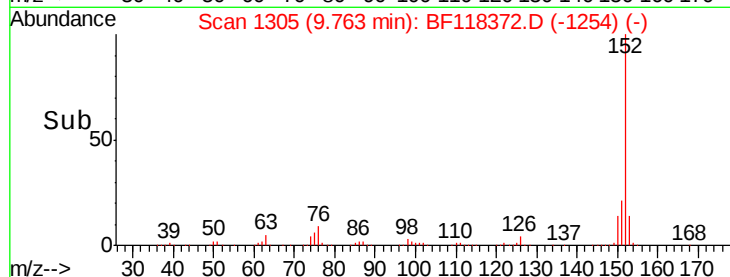


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.740 ng

RT: 9.62 min Scan# 1281

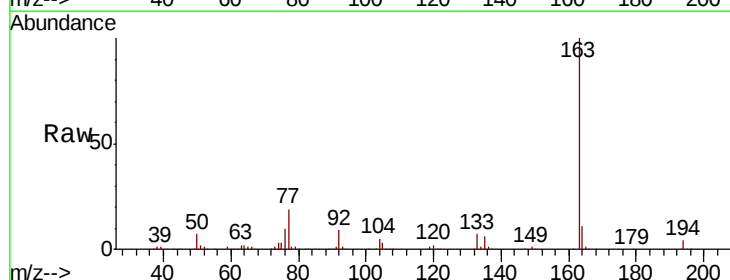
Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Tgt Ion:163 Resp: 963904

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.8   | 3.2   | 4.8   |
| 164 | 10.6  | 7.9   | 11.9  |

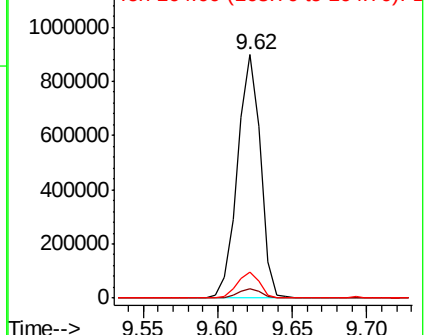
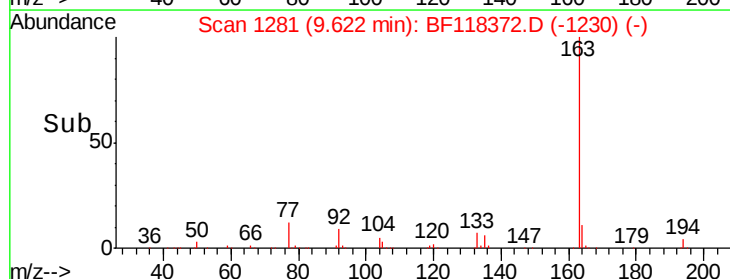


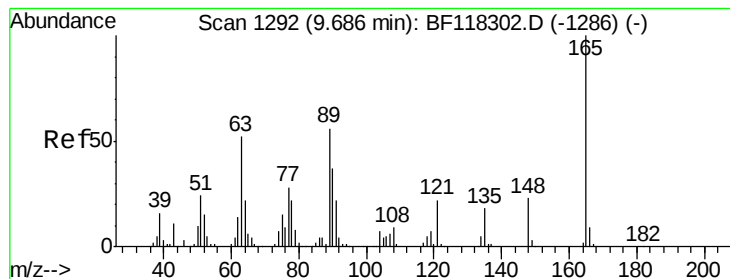
Abundance

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: 47.841 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampleId :

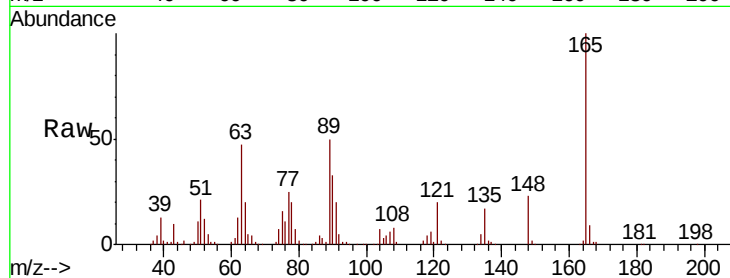
Tot Ion:165 Resp: 199876

Ion Ratio Lower Upper

165 100

63 47.0 42.2 63.4

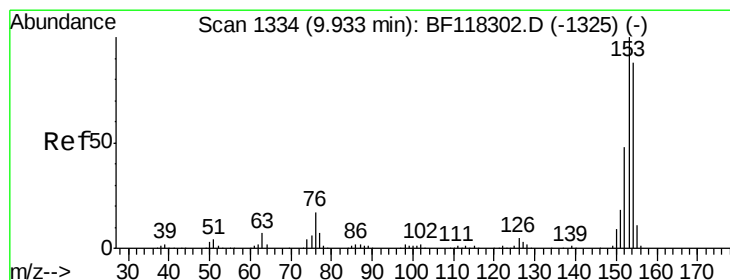
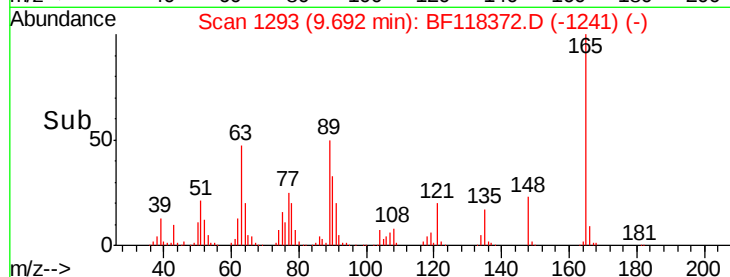
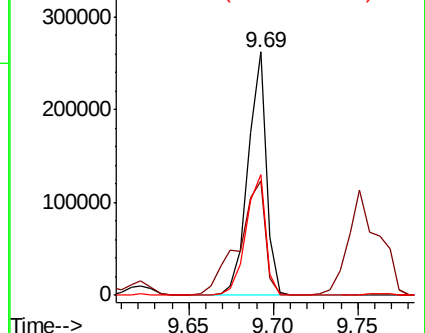
89 49.8 44.4 66.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 46.090 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

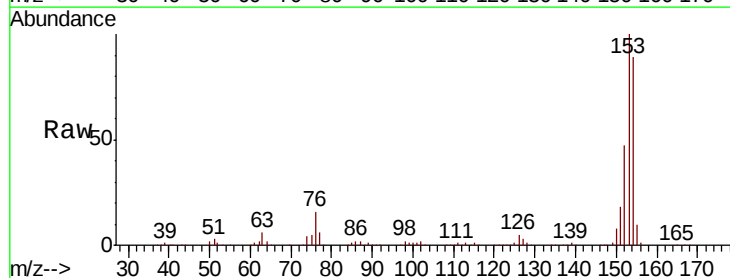
Tgt Ion:154 Resp: 684265

Ion Ratio Lower Upper

154 100

153 112.6 90.6 136.0

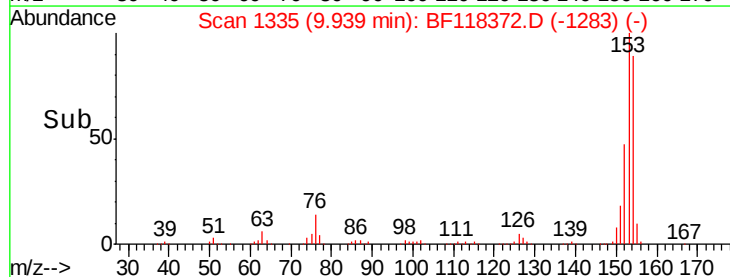
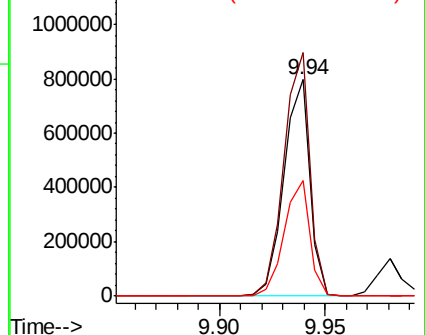
152 53.3 43.1 64.7

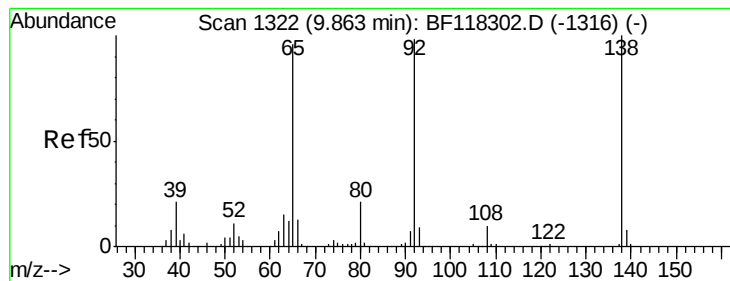


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.659 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampleId :

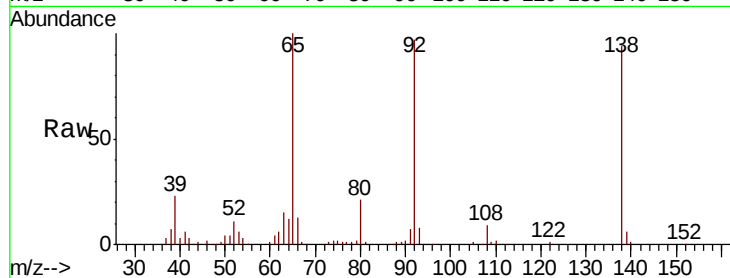
Tot Ion:138 Resp: 116015

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.8

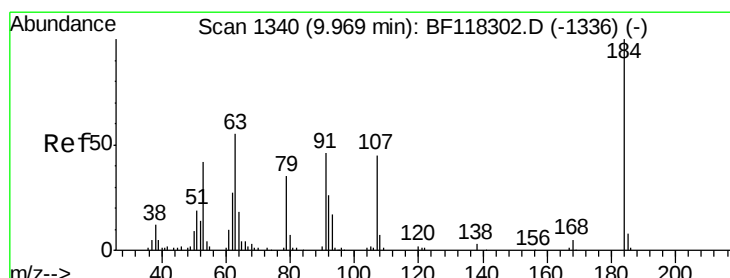
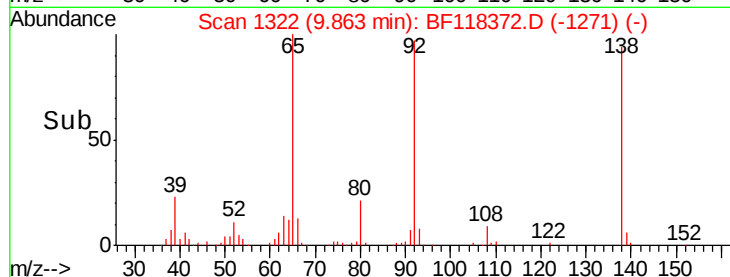
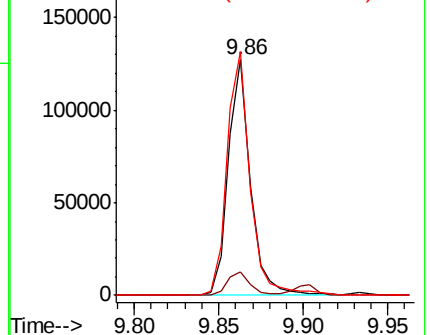
92 103.4 78.2 117.2



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: 86.562 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

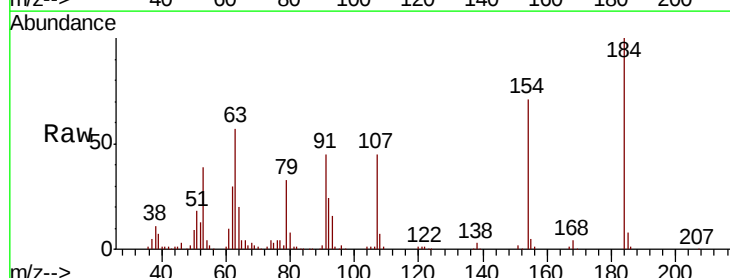
Tgt Ion:184 Resp: 183305

Ion Ratio Lower Upper

184 100

63 57.1 48.8 73.2

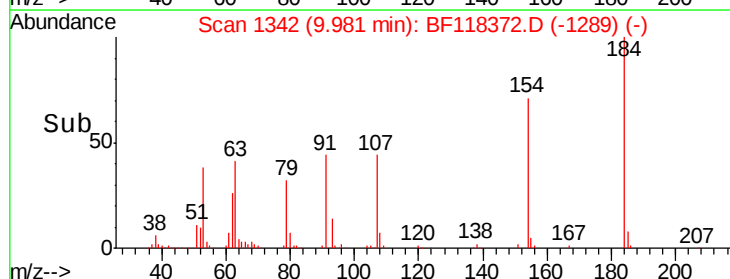
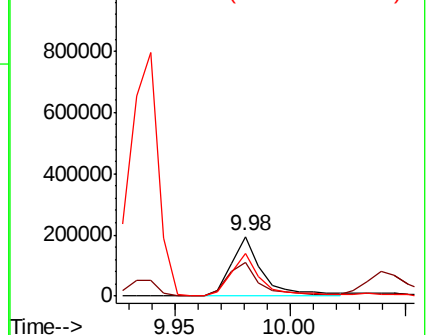
154 70.8 55.0 82.4

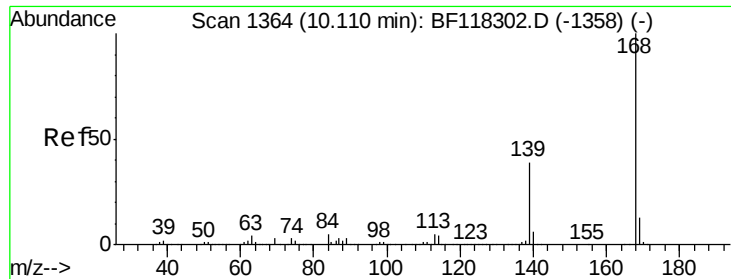


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

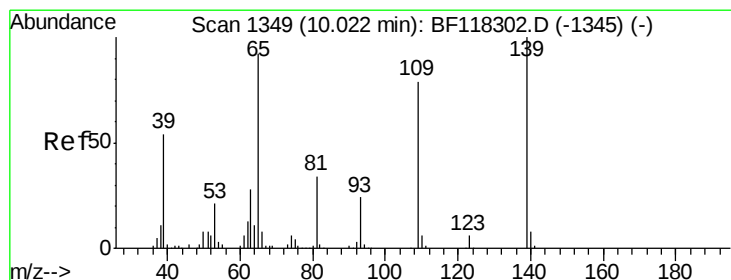
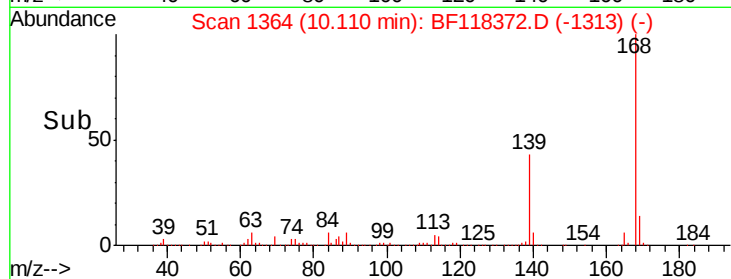
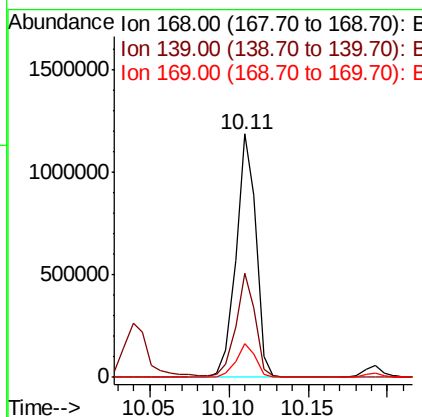
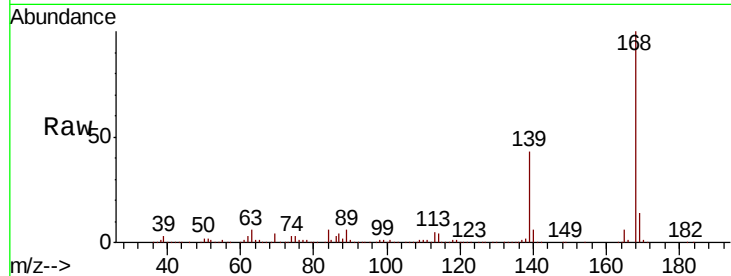




#55  
Dibenzofuran  
Concen: 46.920 ng  
RT: 10.11 min Scan# 1364  
Delta R.T. 0.00 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

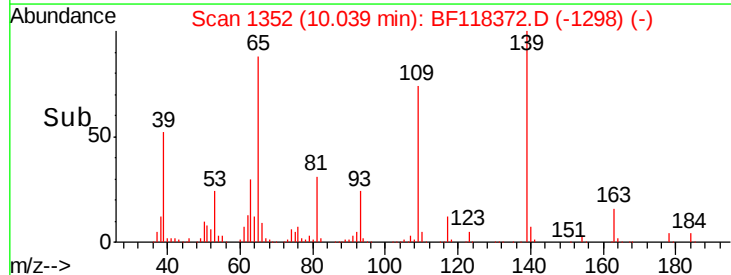
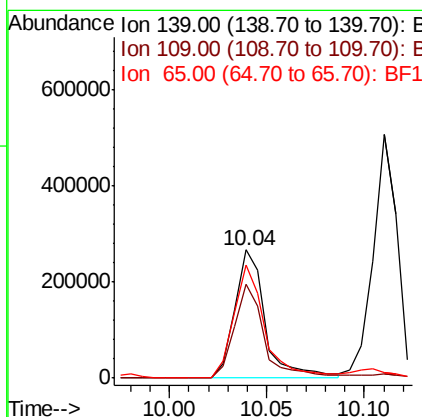
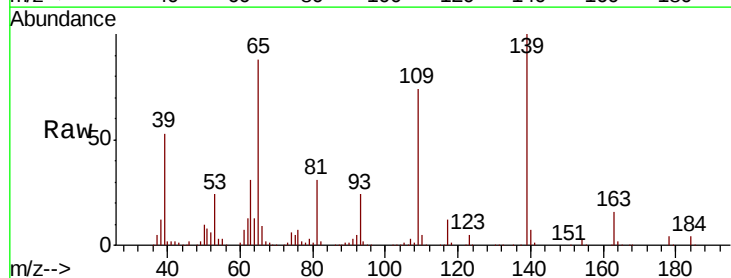
Instrument :  
BNA\_F  
ClientSampleId :

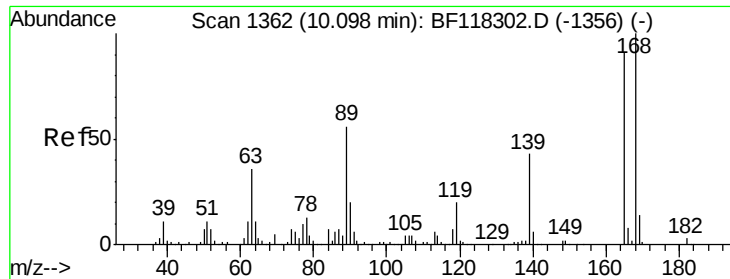
Tot Ion:168 Resp: 1029262  
Ion Ratio Lower Upper  
168 100  
139 42.6 31.5 47.3  
169 13.9 10.4 15.6



#56  
4-Nitrophenol  
Concen: 95.796 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. 0.02 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Tgt Ion:139 Resp: 289994  
Ion Ratio Lower Upper  
139 100  
109 73.7 59.3 99.3  
65 88.2 72.4 112.4

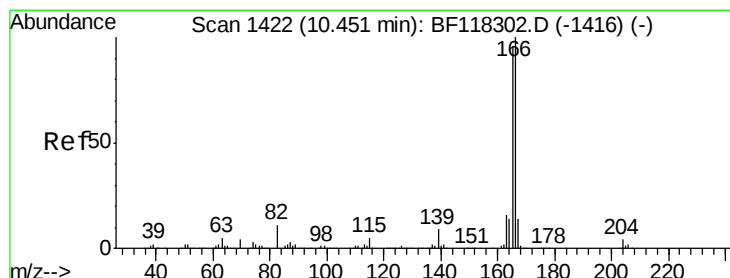
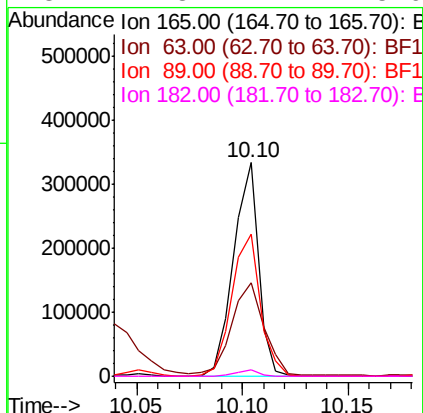
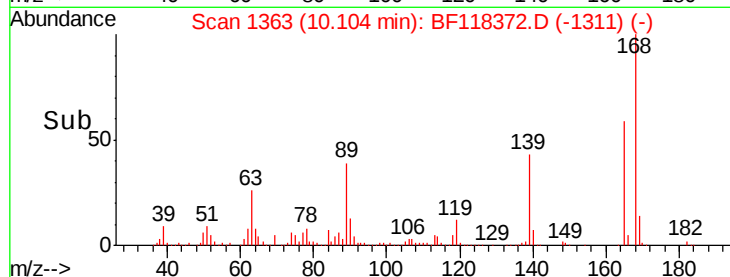
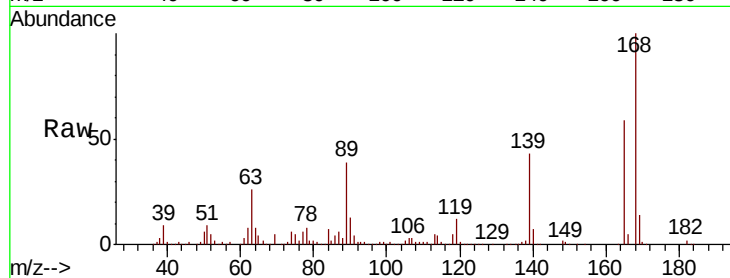




#57  
2,4-Dinitrotoluene  
Concen: 48.590 ng  
RT: 10.10 min Scan# 1363  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

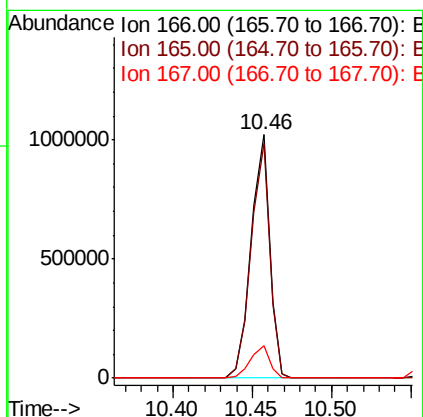
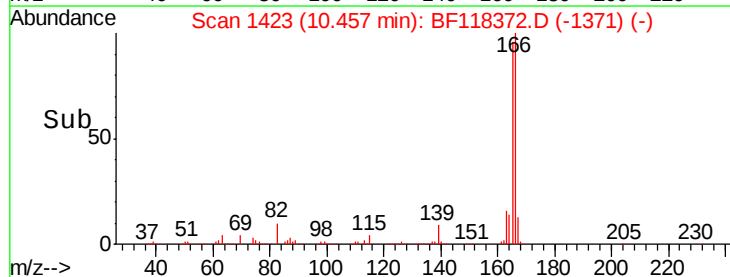
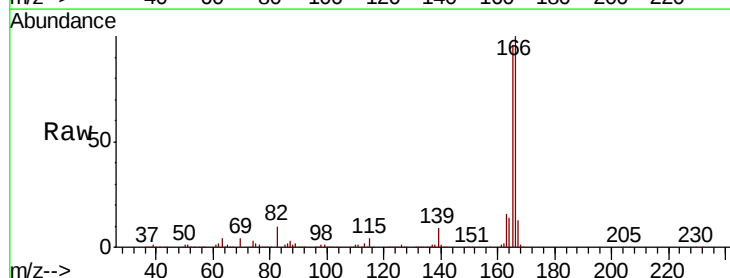
Instrument :  
BNA\_F  
ClientSampleId :

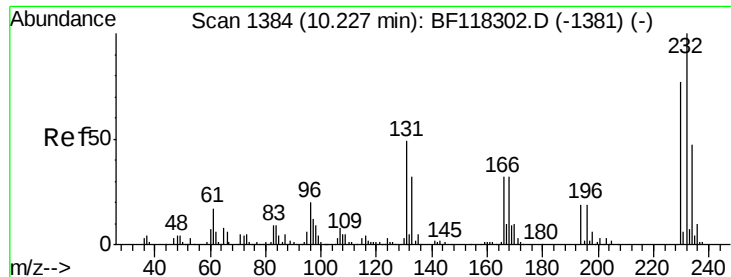
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.8  | 32.0  | 48.0  |
| 89      | 66.8  | 49.3  | 73.9  |
| 182     | 2.8   | 2.4   | 3.6   |



#58  
Fluorene  
Concen: 47.477 ng  
RT: 10.46 min Scan# 1423  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.4  | 77.0  | 115.4 |
| 167     | 13.3  | 10.9  | 16.3  |





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.959 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:232 Resp: 212698

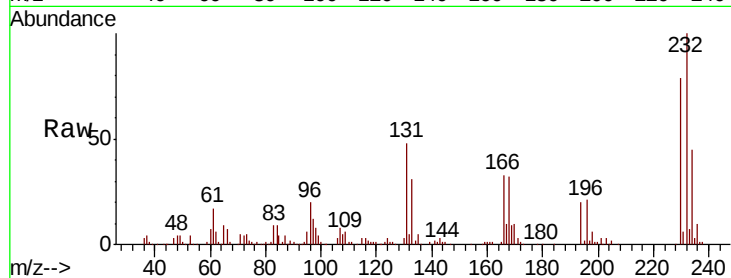
Ion Ratio Lower Upper

232 100

131 46.0 37.7 56.5

130 2.6 2.0 3.0

166 31.4 24.7 37.1

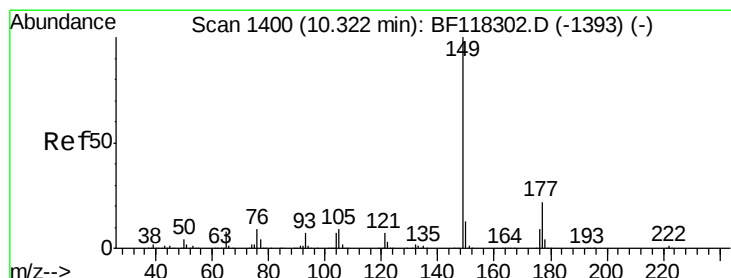
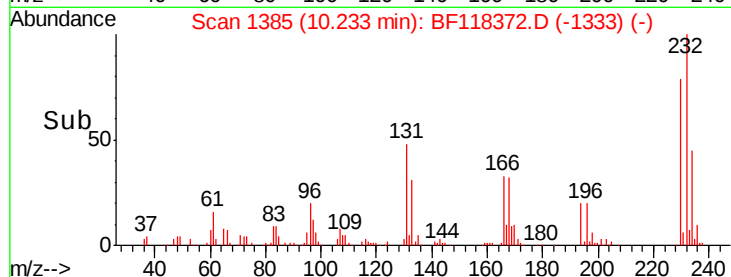
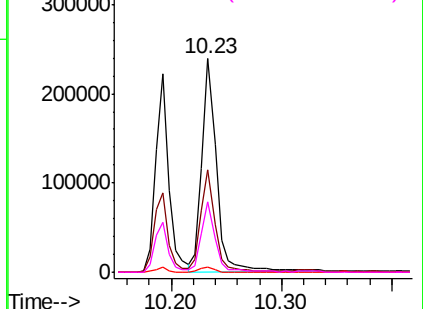


Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.200 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

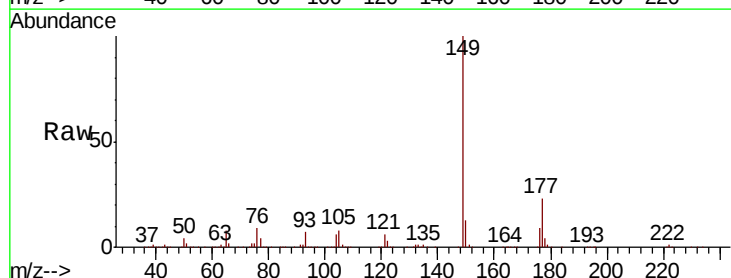
Tgt Ion:149 Resp: 924076

Ion Ratio Lower Upper

149 100

177 22.9 17.9 26.9

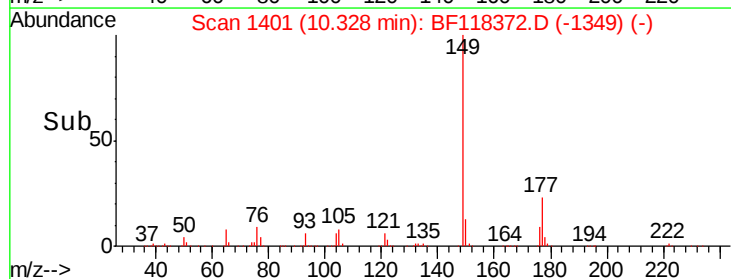
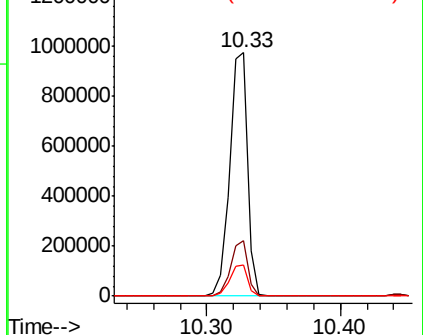
150 12.6 10.2 15.2

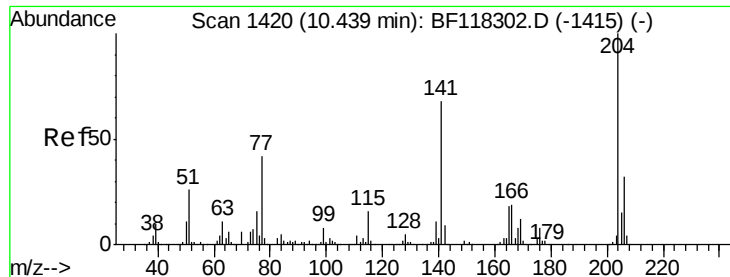


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

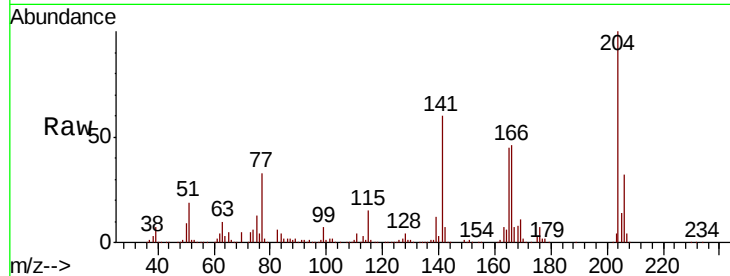




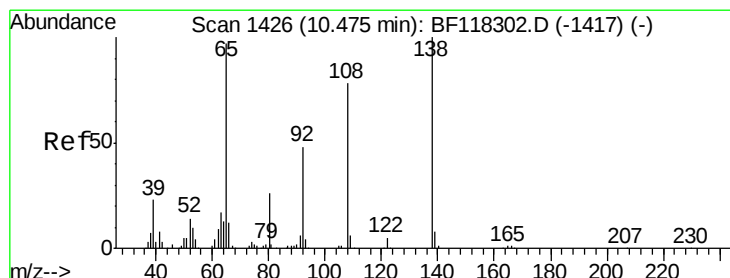
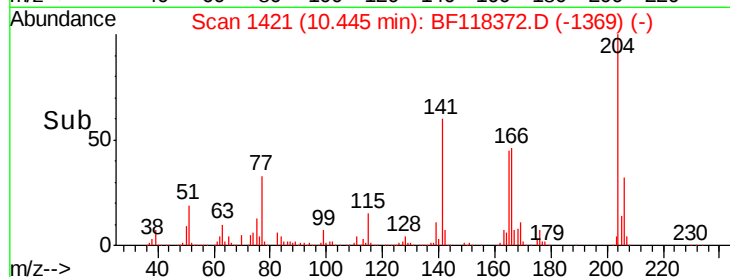
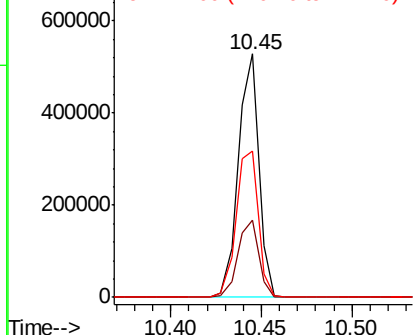
#61  
4-Chlorophenyl-phenylether  
Concen: 47.245 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:204 Resp: 417653  
Ion Ratio Lower Upper  
204 100  
206 31.6 25.8 38.8  
141 60.2 54.2 81.4

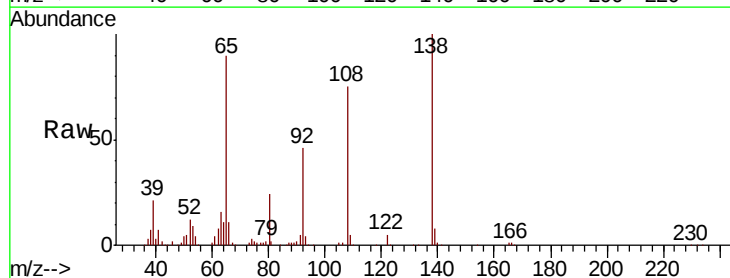


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

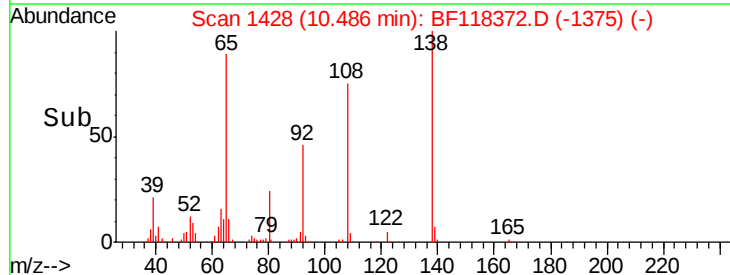
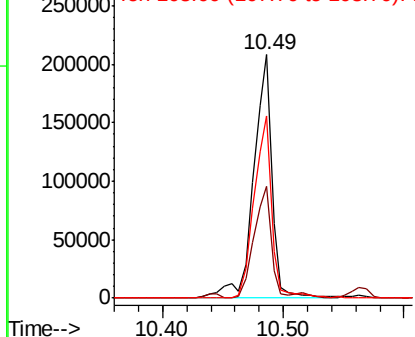


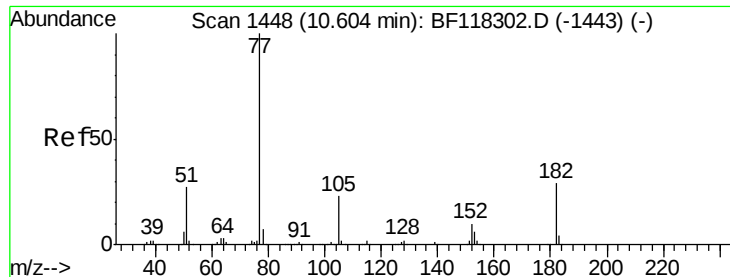
#62  
4-Nitroaniline  
Concen: 43.712 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Tgt Ion:138 Resp: 222678  
Ion Ratio Lower Upper  
138 100  
92 45.8 27.9 67.9  
108 74.6 58.1 98.1



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: 48.130 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 790368

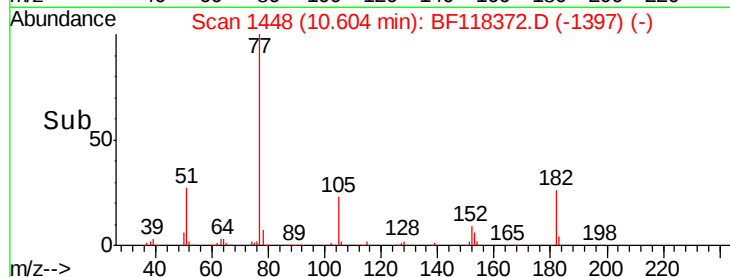
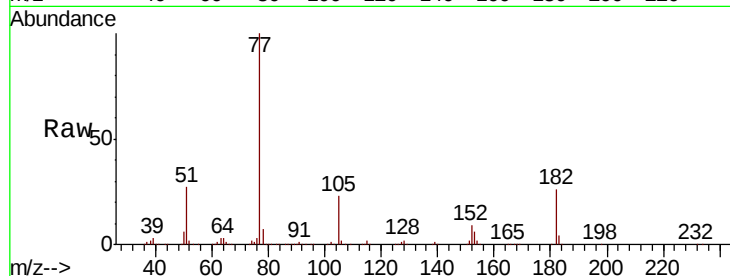
Ion Ratio Lower Upper

77 100

182 26.0 9.2 49.2

105 22.7 3.2 43.2

51 27.5 7.1 47.1

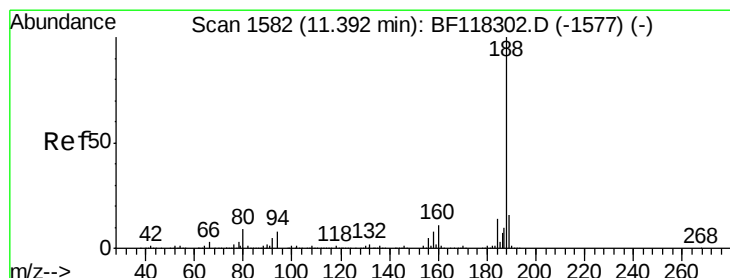
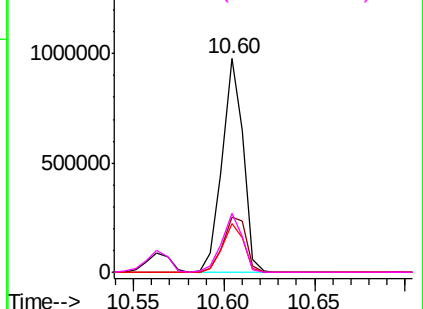


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

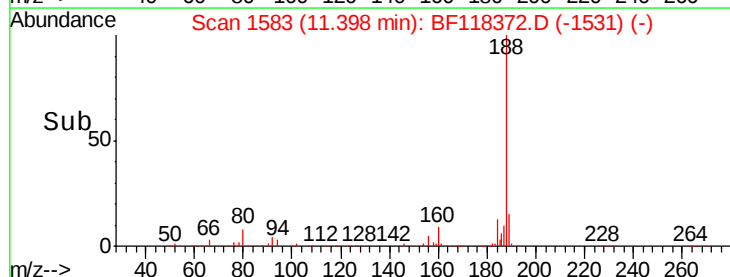
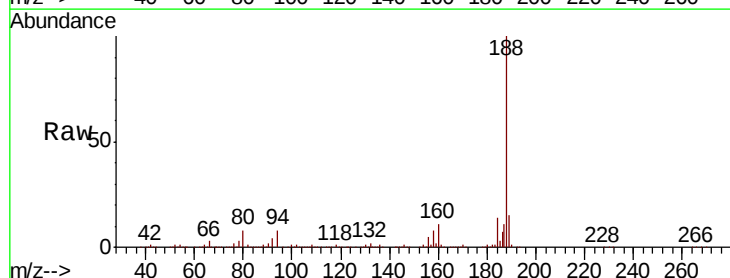
Tgt Ion: 188 Resp: 504757

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

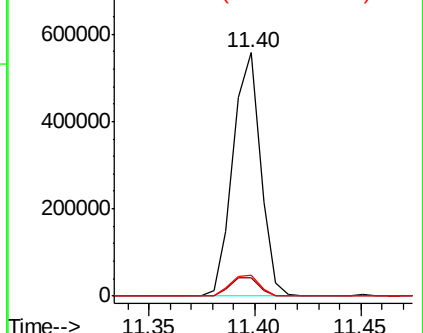
80 8.5 7.2 10.8

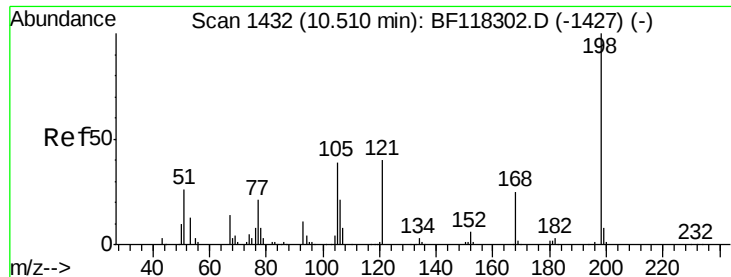


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

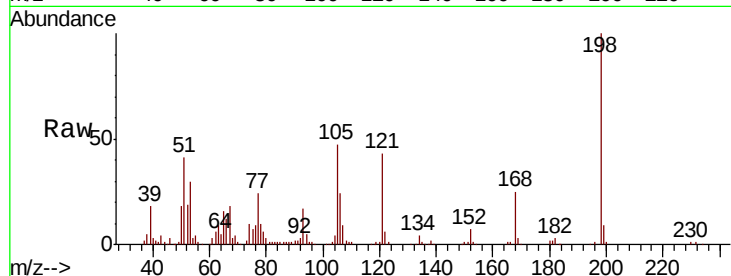




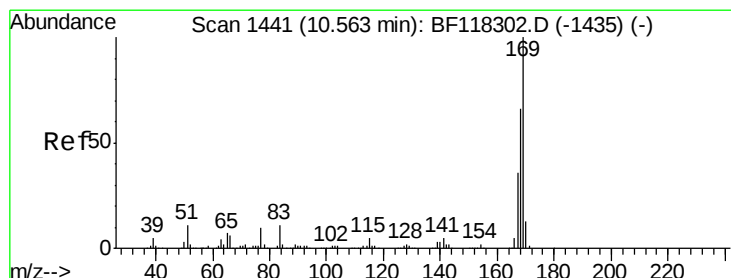
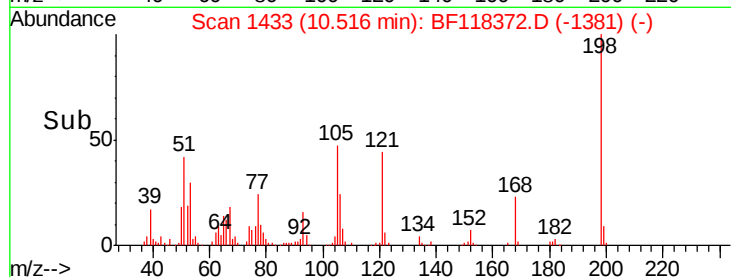
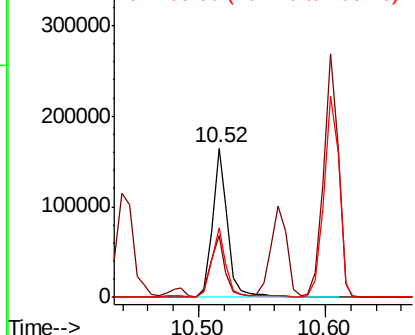
#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.575 ng  
RT: 10.52 min Scan# 1433  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:198 Resp: 140437  
Ion Ratio Lower Upper  
198 100  
51 41.4 12.8 52.8  
105 46.7 20.3 60.3

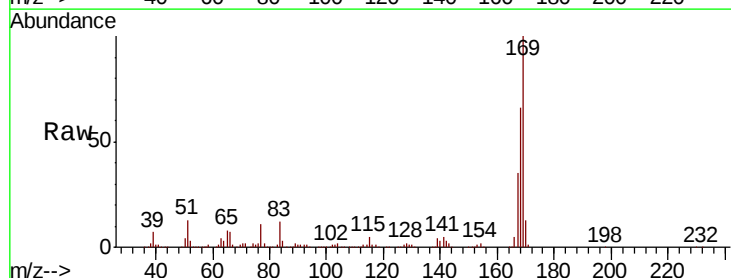


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

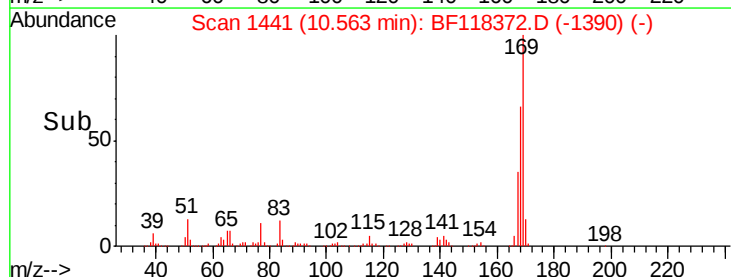
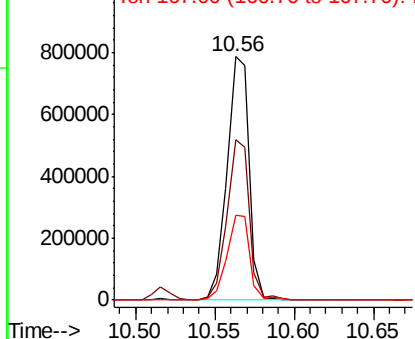


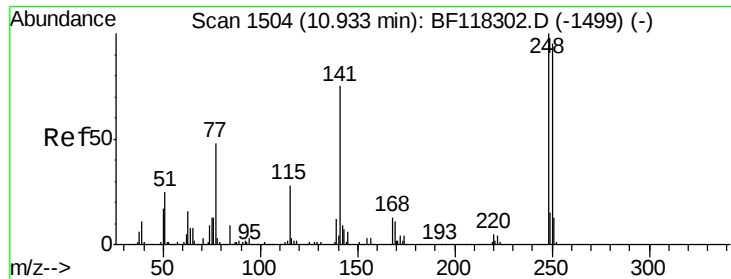
#66  
n-Nitrosodiphenylamine  
Concen: 46.688 ng  
RT: 10.56 min Scan# 1441  
Delta R.T. 0.00 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Tgt Ion:169 Resp: 755283  
Ion Ratio Lower Upper  
169 100  
168 65.9 52.6 79.0  
167 34.9 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

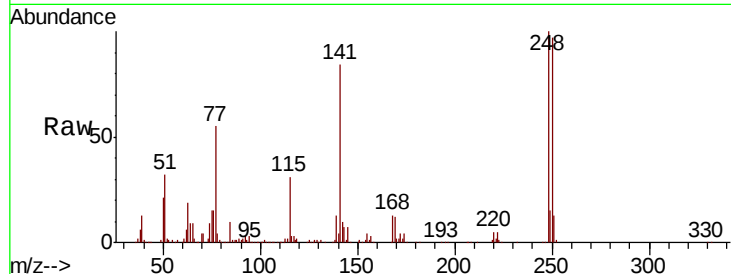




#67  
4-Bromophenyl-phenylether  
Concen: 45.051 ng  
RT: 10.93 min Scan# 1504  
Delta R.T. 0.00 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.1  | 76.4  | 114.6 |
| 141     | 84.1  | 60.2  | 90.2  |

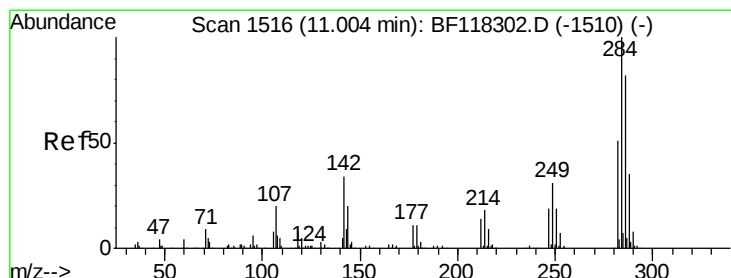
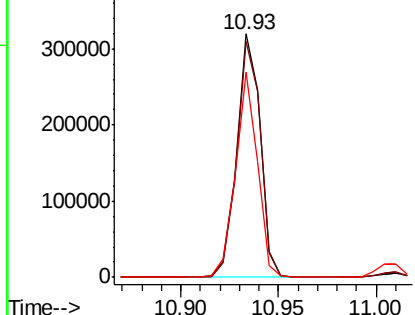
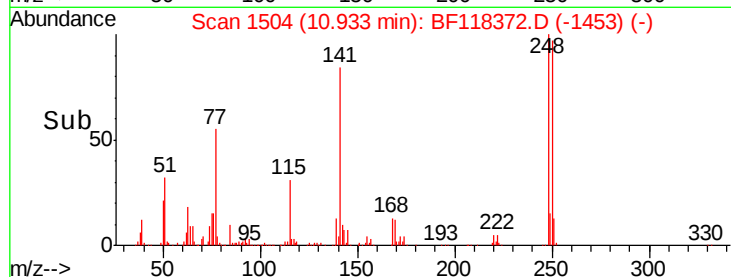


Abundance

Ion 248.00 (247.70 to 248.70): E

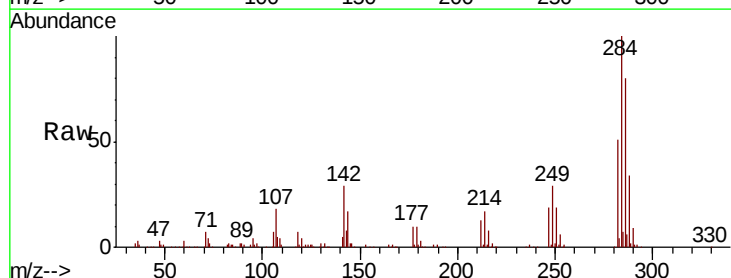
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 43.849 ng  
RT: 11.01 min Scan# 1517  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.5  | 27.3  | 40.9  |
| 249     | 28.7  | 25.0  | 37.6  |

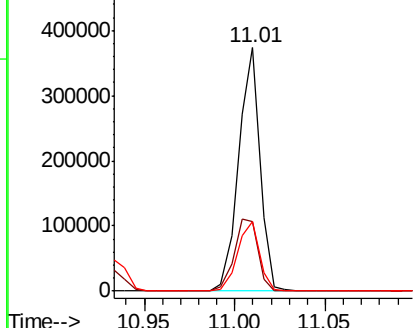
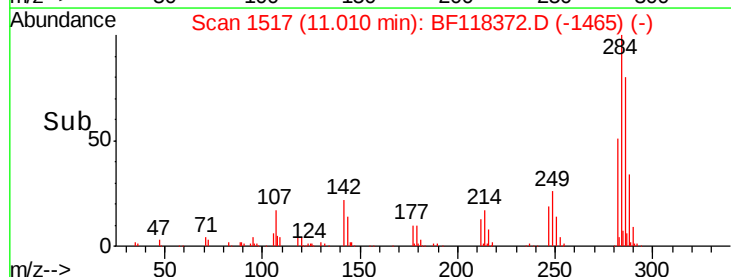


Abundance

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

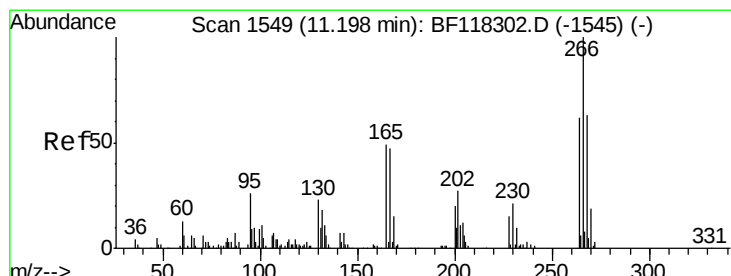
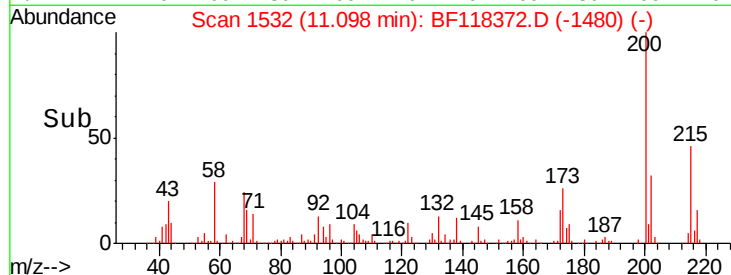
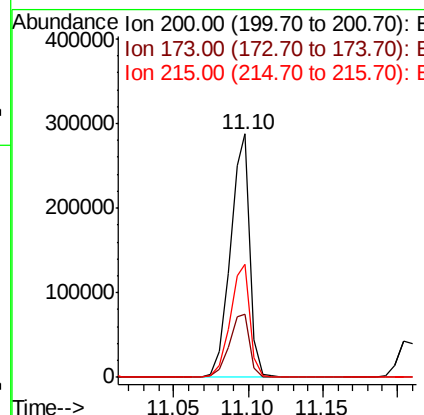
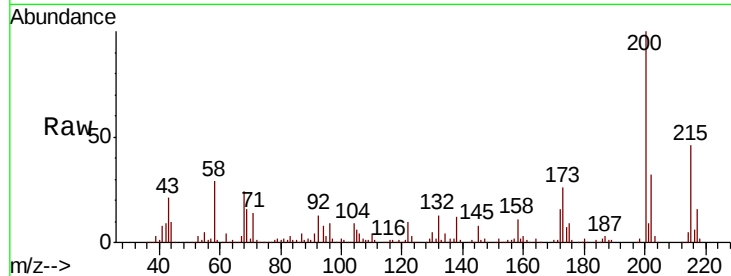




#69  
Atrazine  
Concen: 52.965 ng  
RT: 11.10 min Scan# 1532  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

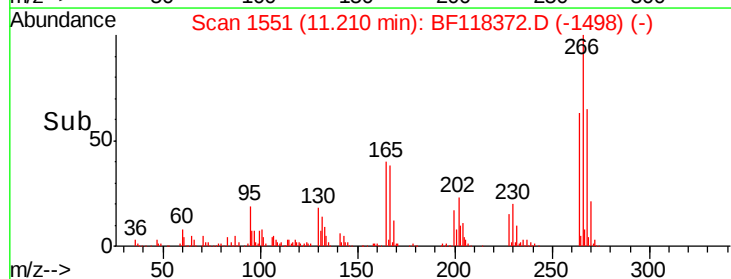
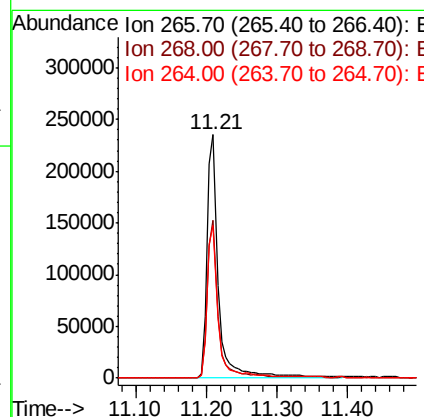
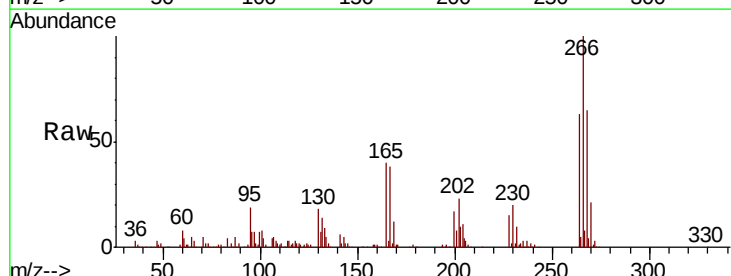
Instrument :  
BNA\_F  
ClientSampleId :

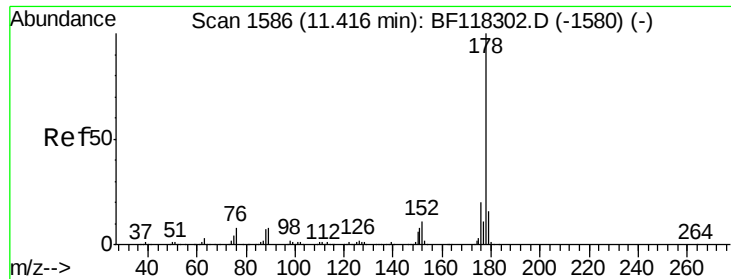
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.1  | 5.8   | 45.8  |
| 215     | 46.2  | 25.1  | 65.1  |



#70  
Pentachlorophenol  
Concen: 89.334 ng  
RT: 11.21 min Scan# 1551  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.9  | 50.6  | 76.0  |
| 264     | 62.9  | 49.9  | 74.9  |

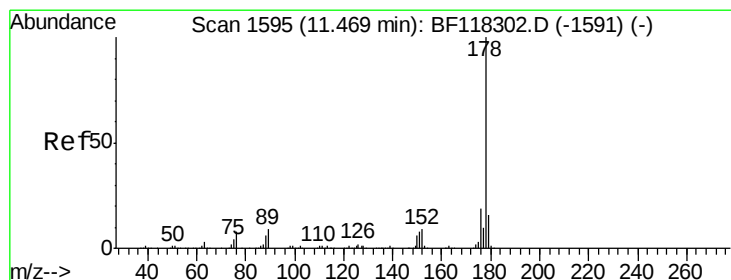
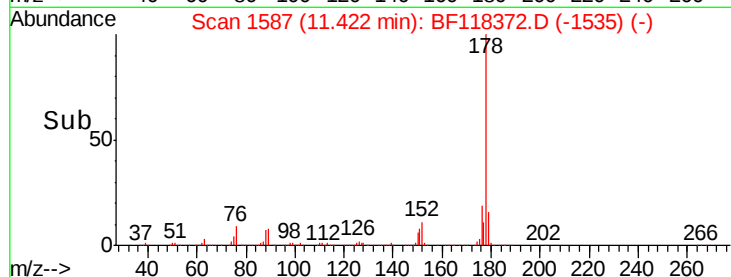
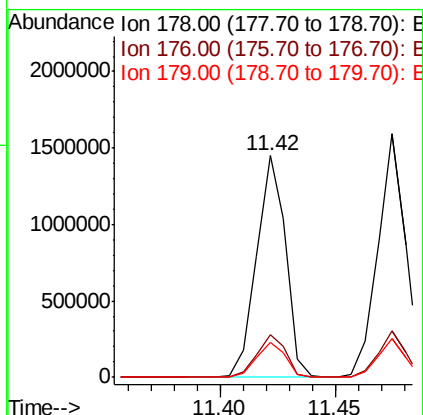
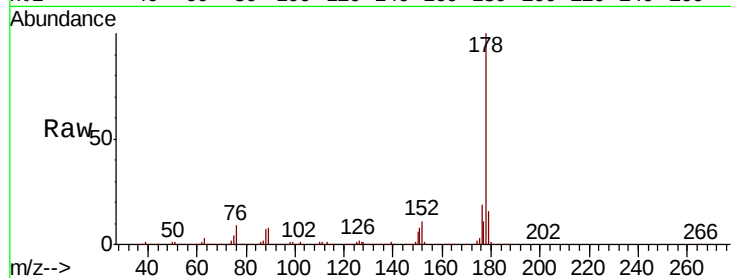




#71  
Phenanthrene  
Concen: 46.344 ng  
RT: 11.42 min Scan# 1587  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

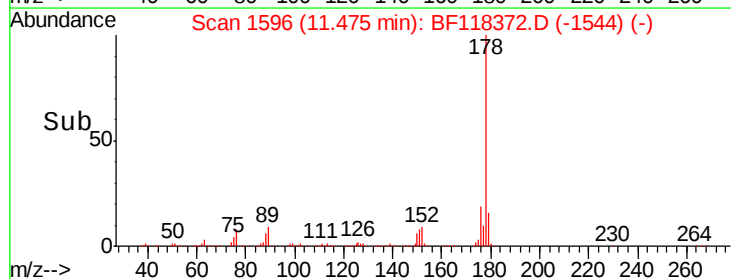
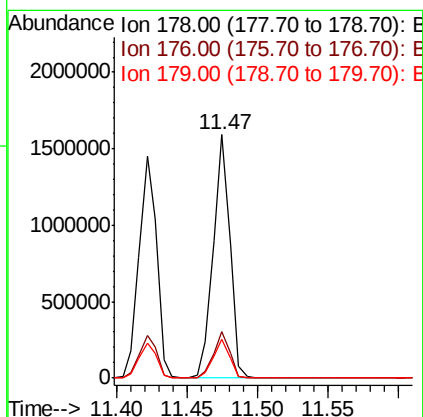
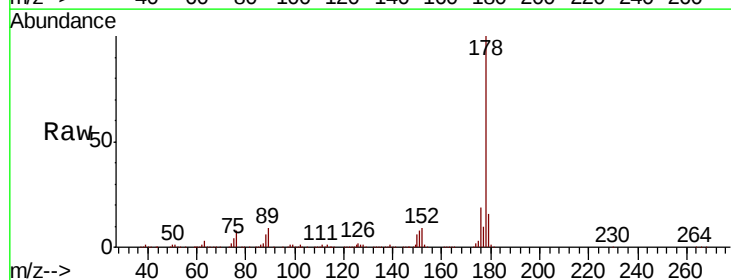
Instrument :  
BNA\_F  
ClientSampleId :

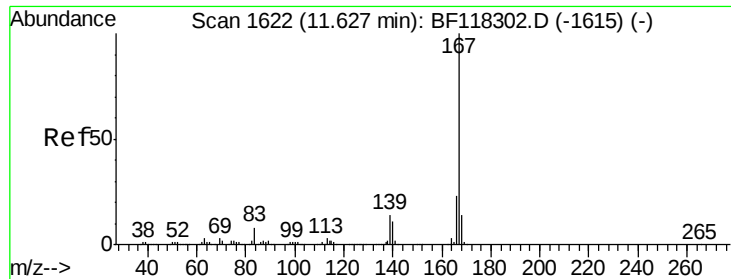
Tot Ion:178 Resp: 1275241  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.6 23.4  
179 15.7 12.6 19.0



#72  
Anthracene  
Concen: 47.747 ng  
RT: 11.47 min Scan# 1596  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Tgt Ion:178 Resp: 1315088  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.2 22.8  
179 15.9 12.9 19.3



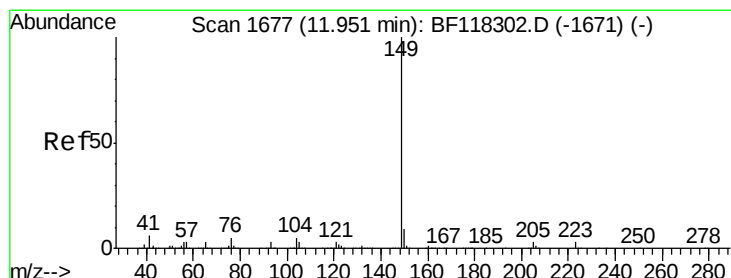
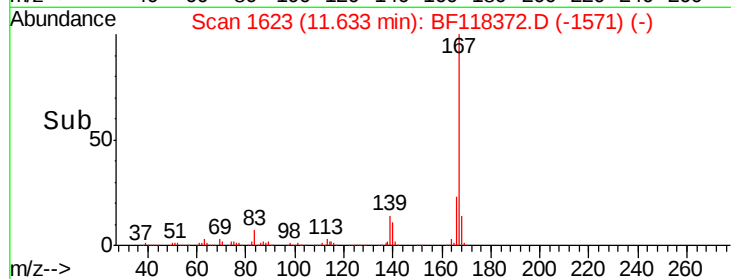
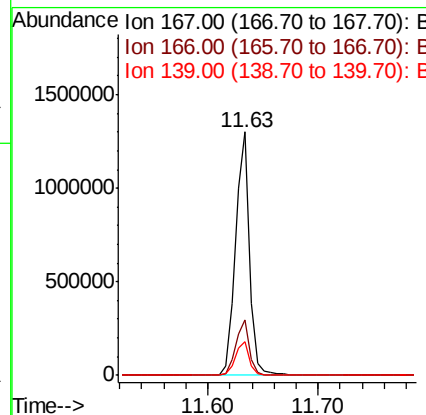
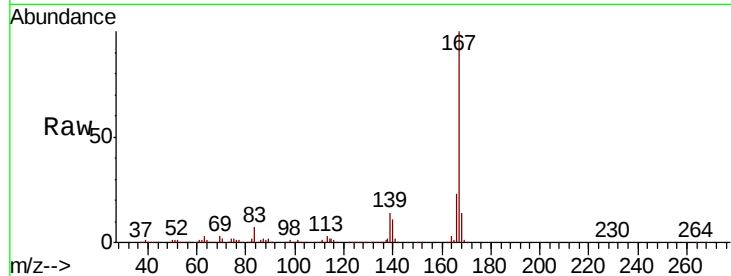


#73  
 Carbazole  
 Concen: 47.343 ng  
 RT: 11.63 min Scan# 1623  
 Delta R.T. 0.01 min  
 Lab File: BF118372.D  
 Acq: 28 Dec 2019 18:30

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:167 Resp: 1157037  

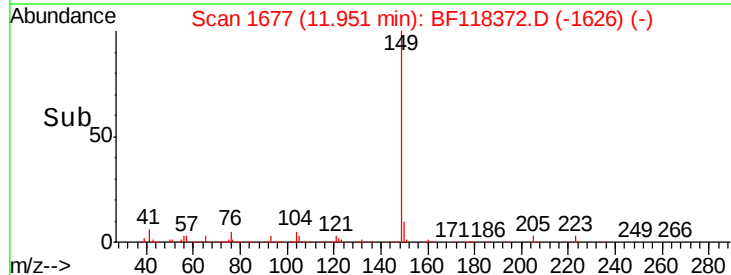
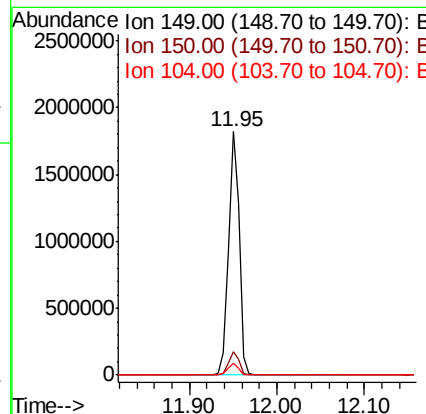
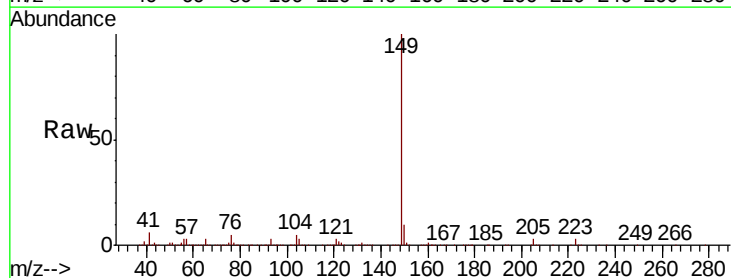
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.6  | 18.1  | 27.1  |
| 139 | 13.9  | 11.5  | 17.3  |

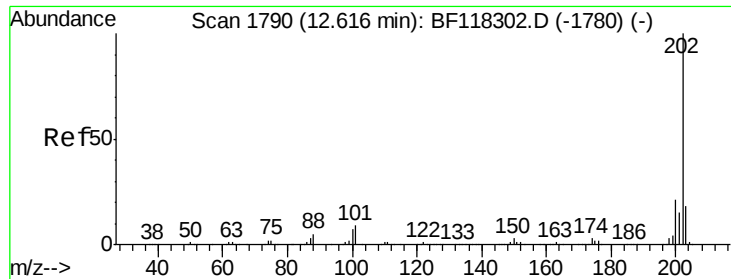


#74  
 Di-n-butylphthalate  
 Concen: 49.606 ng  
 RT: 11.95 min Scan# 1677  
 Delta R.T. 0.00 min  
 Lab File: BF118372.D  
 Acq: 28 Dec 2019 18:30

Tgt Ion:149 Resp: 1537226  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.6   | 7.5   | 11.3  |
| 104 | 5.0   | 4.0   | 6.0   |



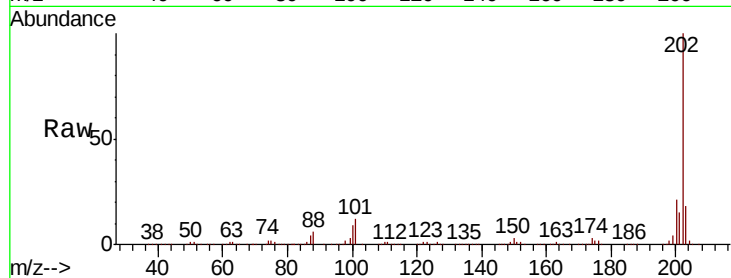


#75  
 Fluoranthene  
 Concen: 48.560 ng  
 RT: 12.62 min Scan# 1790  
 Delta R.T. 0.00 min  
 Lab File: BF118372.D  
 Acq: 28 Dec 2019 18:30

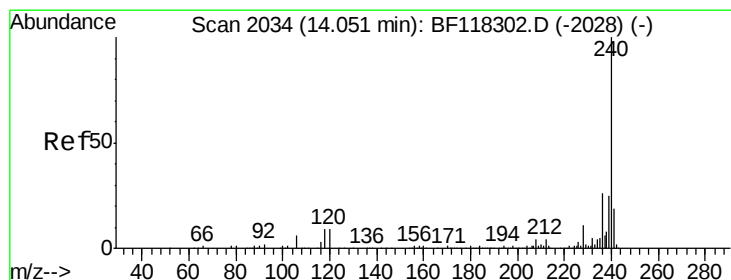
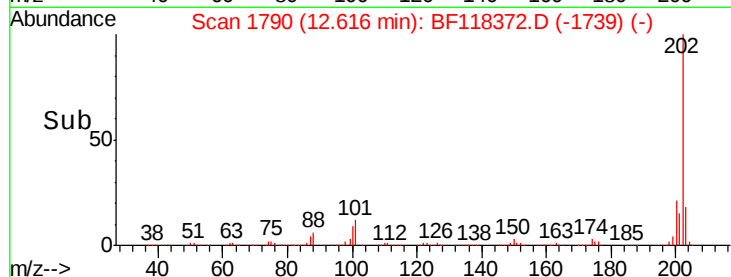
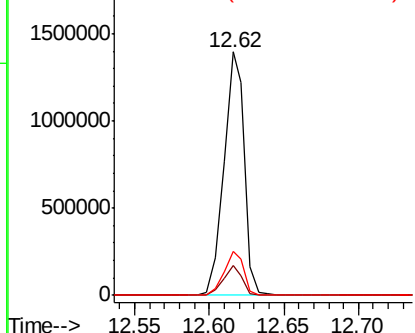
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:202 Resp: 1348546  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 12.1  | 0.0   | 29.5  |
| 203 | 18.0  | 0.0   | 37.6  |



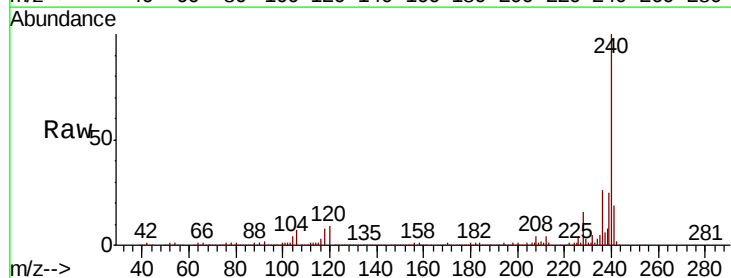
Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E



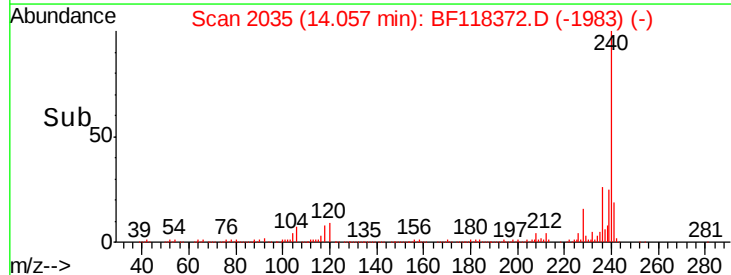
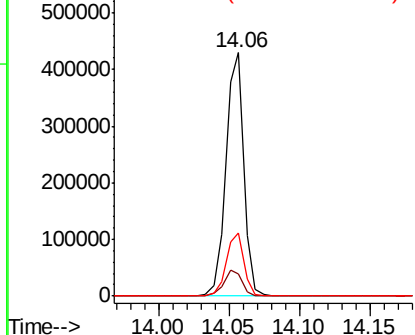
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.06 min Scan# 2035  
 Delta R.T. 0.01 min  
 Lab File: BF118372.D  
 Acq: 28 Dec 2019 18:30

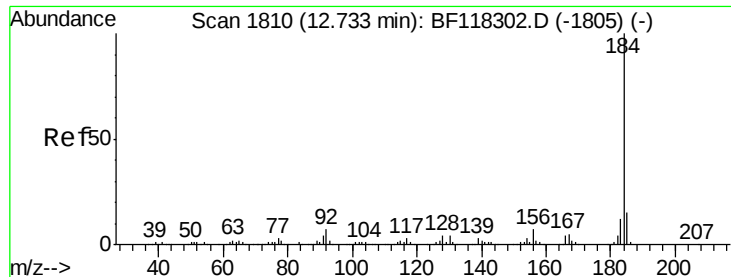
Tgt Ion:240 Resp: 376059  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 8.9   | 7.1   | 10.7  |
| 236 | 25.7  | 21.0  | 31.6  |



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





#77

Benzidine

Concen: 71.277 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampleId :

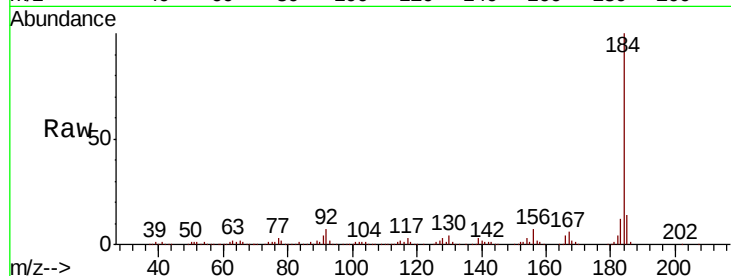
Tot Ion:184 Resp: 734456

Ion Ratio Lower Upper

184 100

185 13.9 12.3 18.5

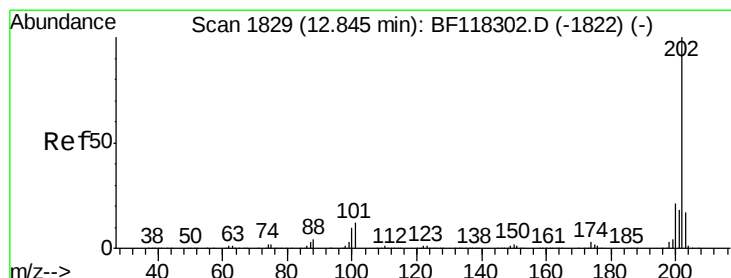
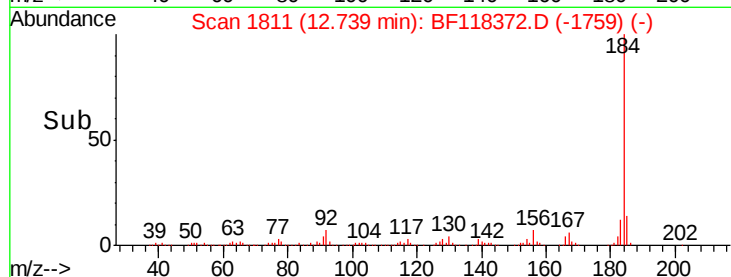
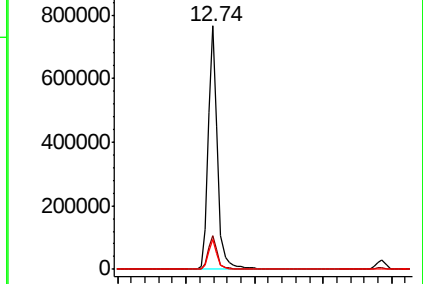
183 12.2 9.4 14.2



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: 44.037 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

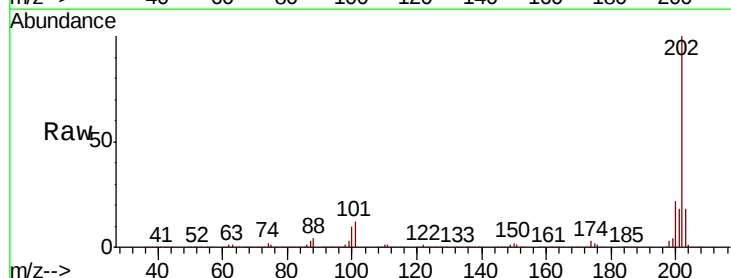
Tgt Ion:202 Resp: 1352345

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

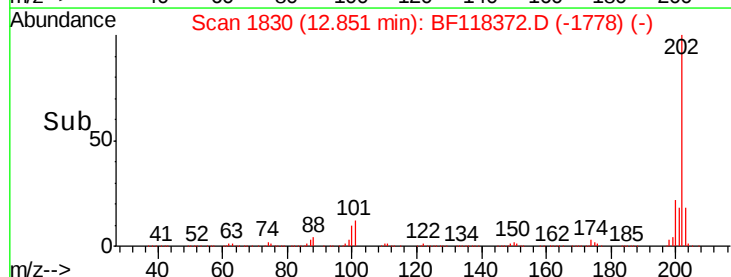
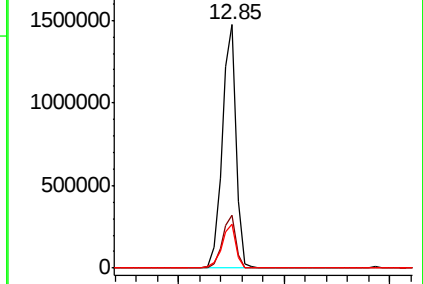
203 17.9 13.9 20.9

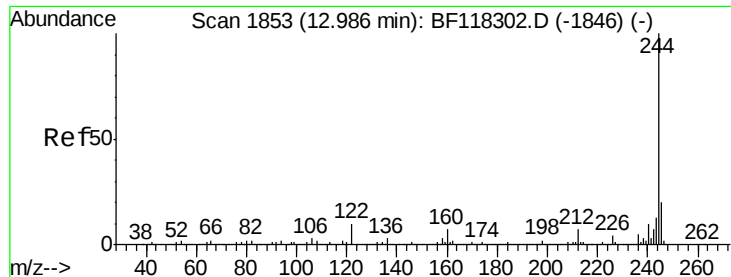


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.725 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampled :

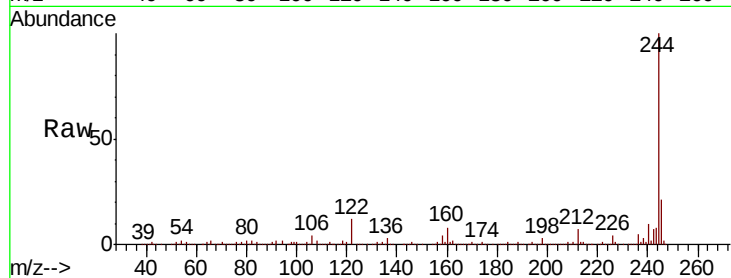
Tot Ion:244 Resp: 1965821

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

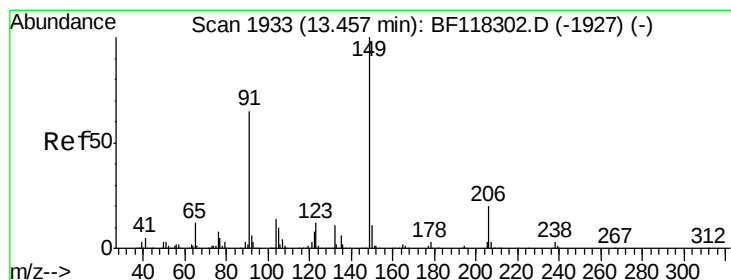
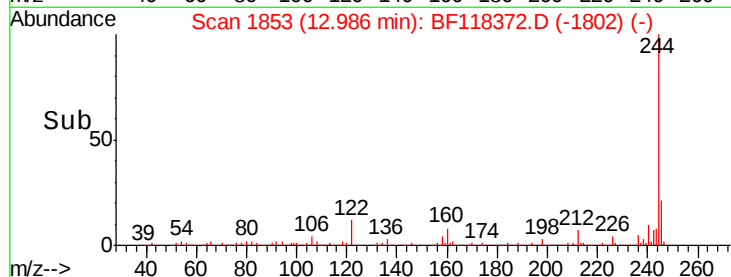
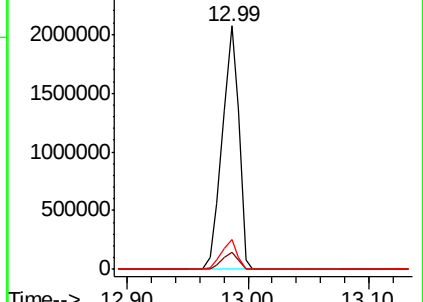
122 12.1 7.8 11.8#



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: 48.171 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

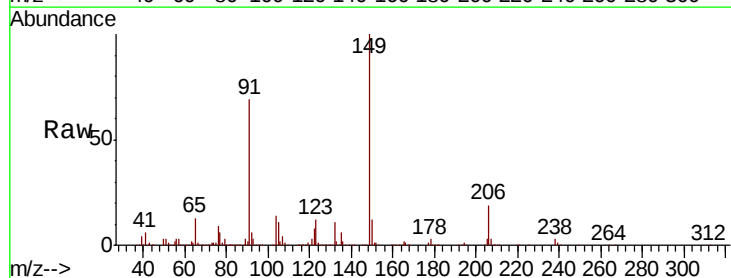
Tgt Ion:149 Resp: 666069

Ion Ratio Lower Upper

149 100

91 68.9 51.8 77.6

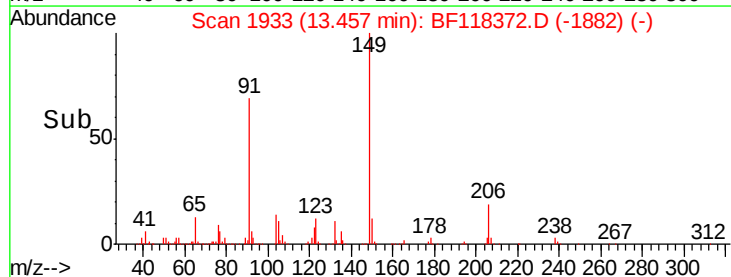
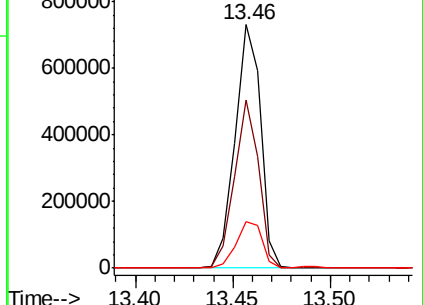
206 19.1 15.7 23.5

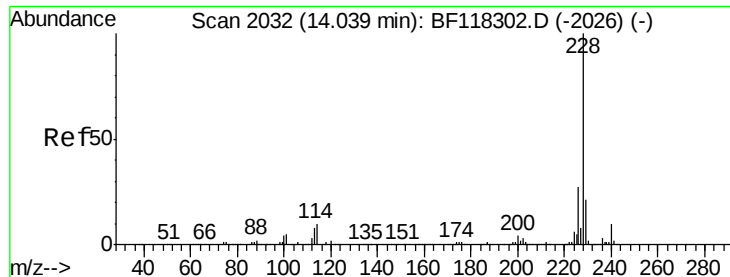


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.042 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampleId :

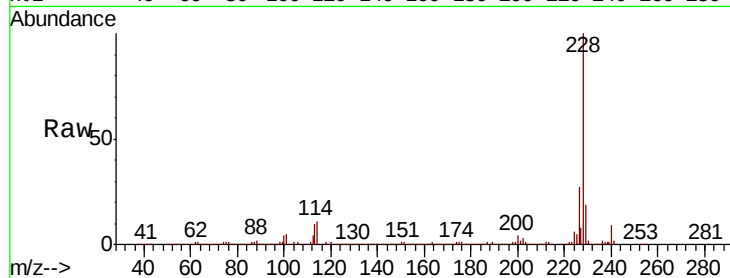
Tot Ion:228 Resp: 1211953

Ion Ratio Lower Upper

228 100

226 26.9 22.0 33.0

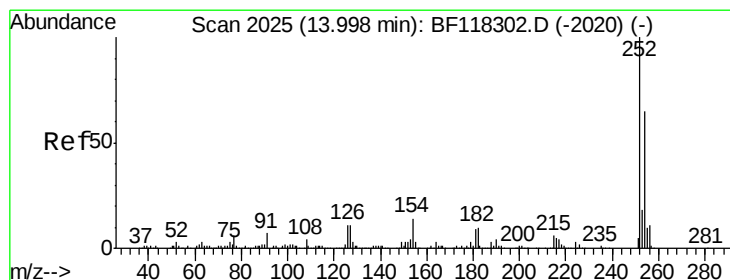
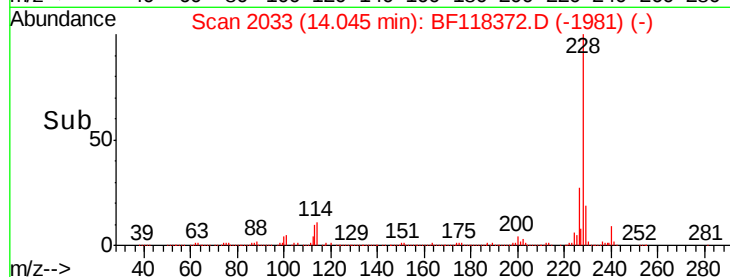
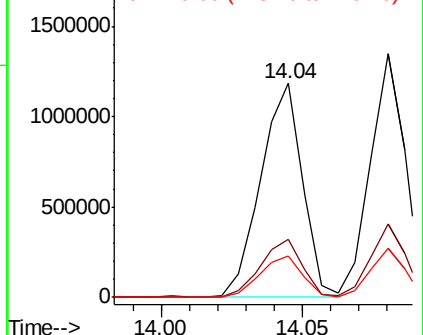
229 19.5 16.6 24.8



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: 34.308 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

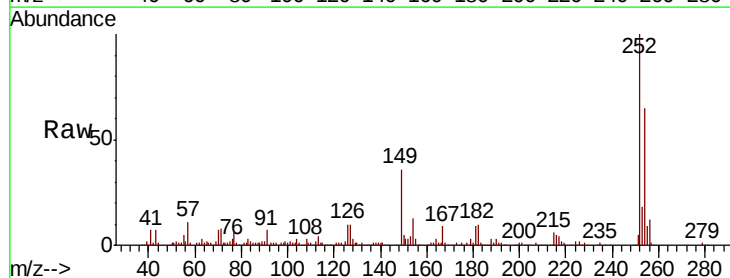
Tgt Ion:252 Resp: 306197

Ion Ratio Lower Upper

252 100

254 65.3 51.8 77.8

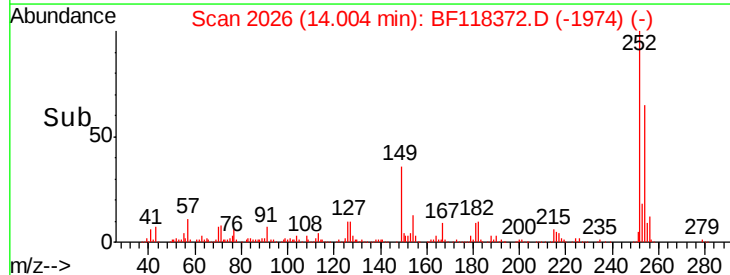
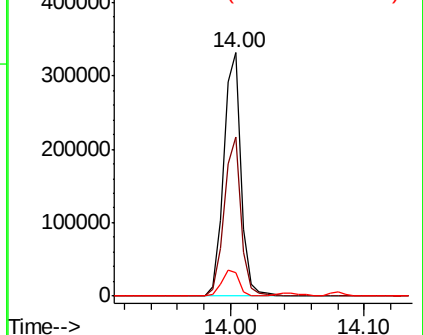
126 9.8 8.7 13.1

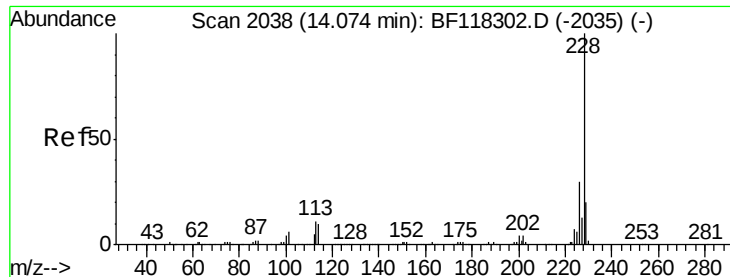


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 45.405 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampleId :

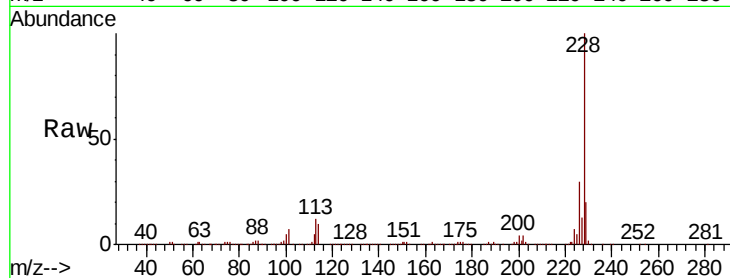
Tot Ion:228 Resp: 1144430

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

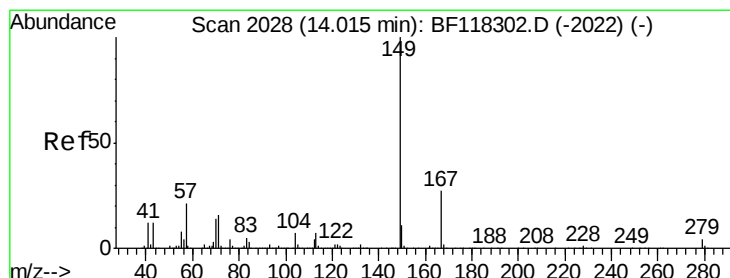
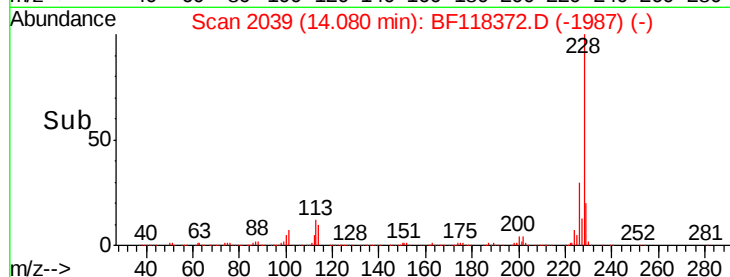
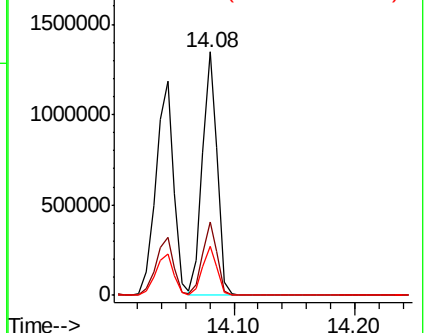
229 20.3 16.1 24.1



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: 52.271 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

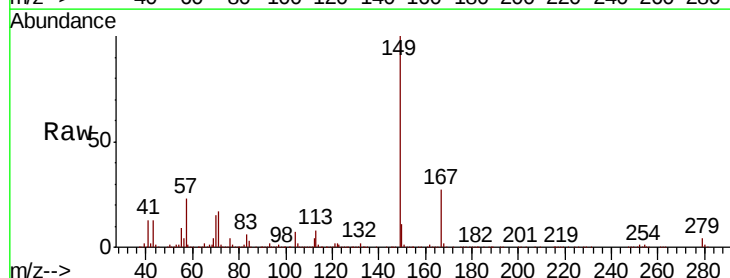
Tgt Ion:149 Resp: 950373

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

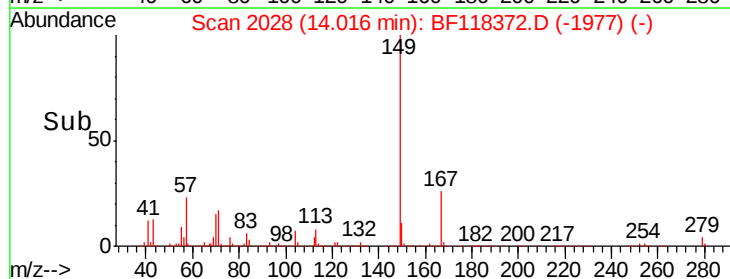
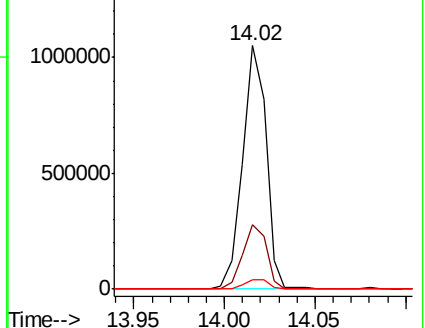
279 4.0 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.066 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

Instrument :

BNA\_F

ClientSampleId :

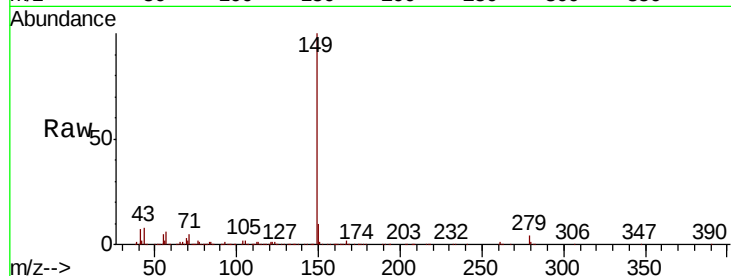
Tot Ion:149 Resp: 1526220

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

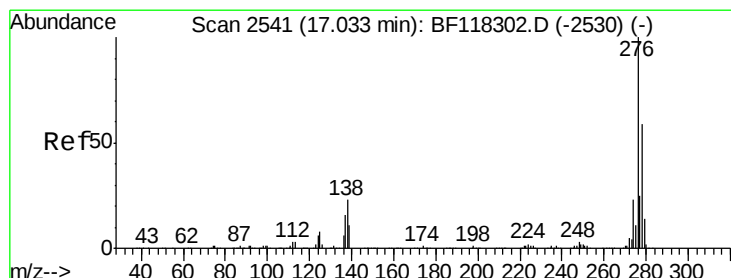
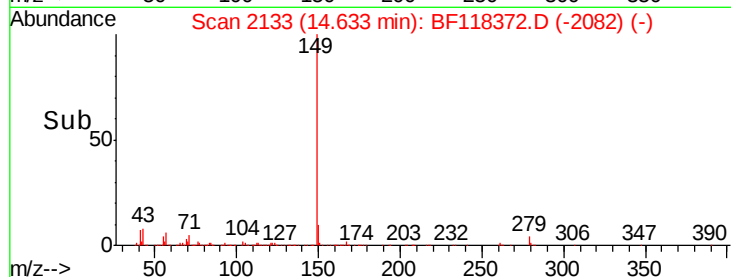
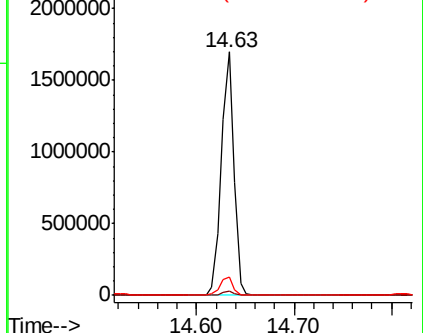
43 7.5 6.1 9.1



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: 49.351 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.04 min

Lab File: BF118372.D

Acq: 28 Dec 2019 18:30

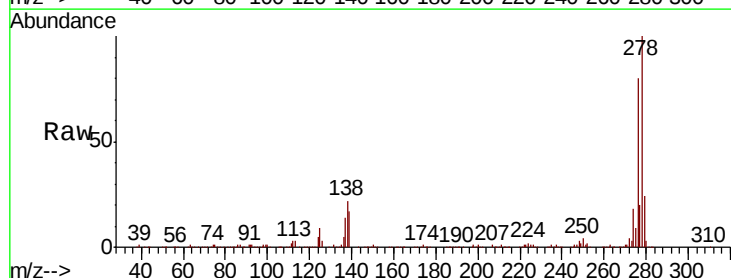
Tgt Ion:276 Resp: 1059874

Ion Ratio Lower Upper

276 100

138 24.8 19.5 29.3

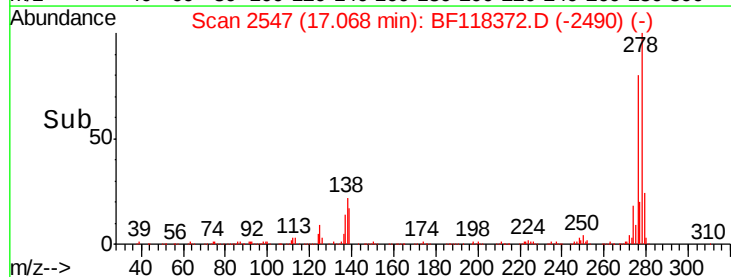
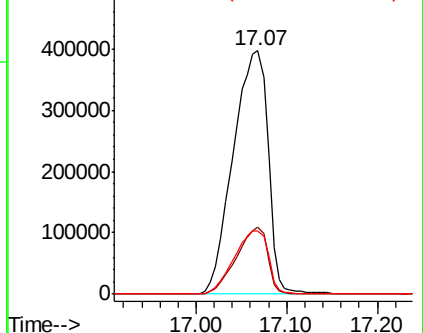
277 25.6 20.6 30.8

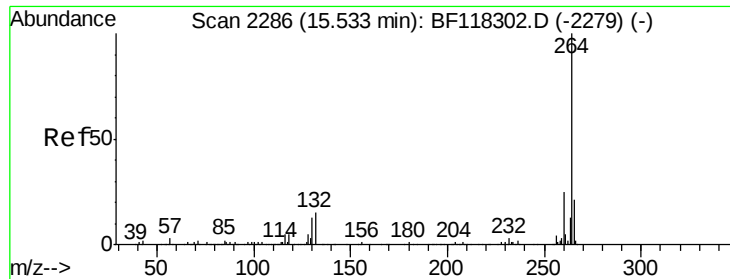


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



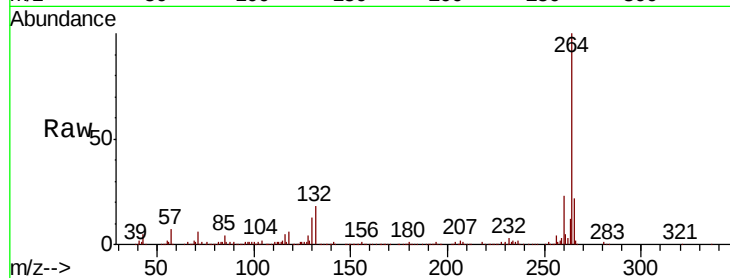


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.54 min Scan# 2287  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

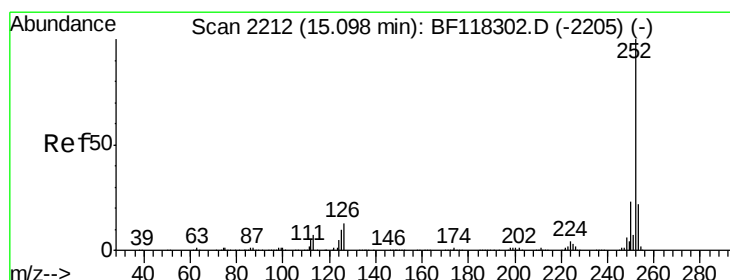
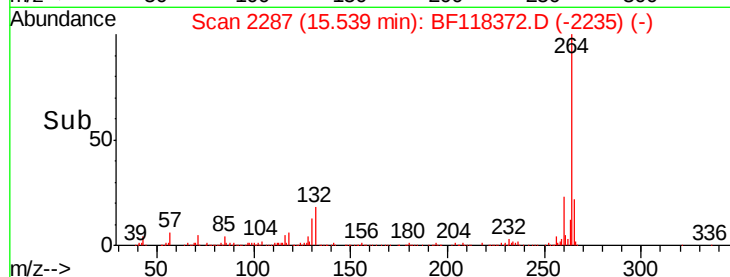
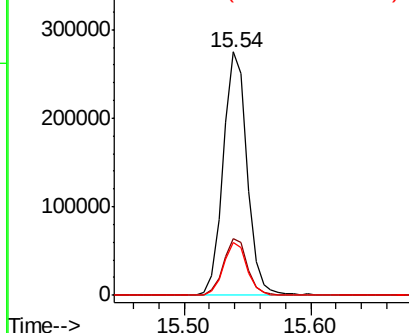
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:264 Resp: 359080  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.3  | 19.8  | 29.6  |
| 265 | 21.8  | 17.0  | 25.4  |



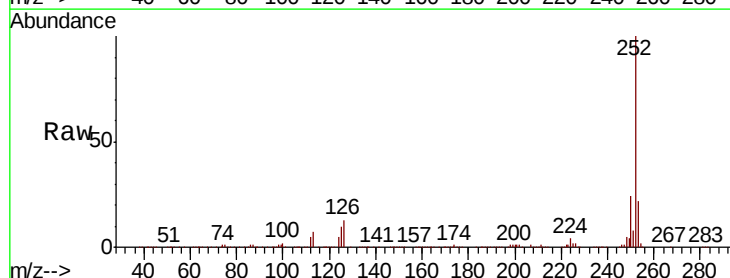
Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



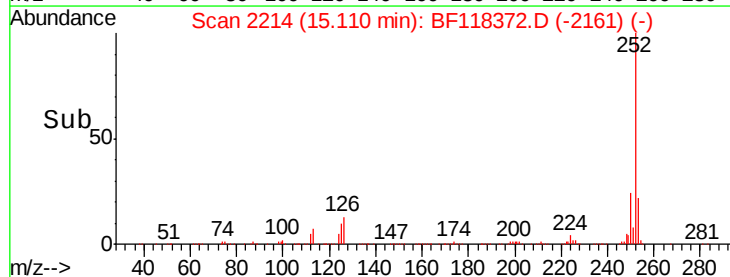
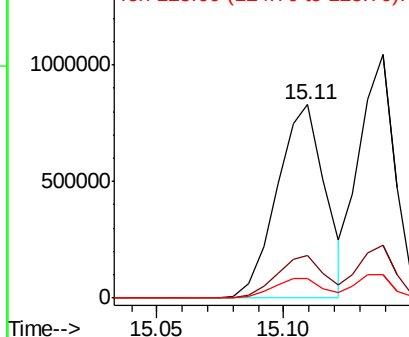
#88  
Benzo(b)fluoranthene  
Concen: 46.099 ng  
RT: 15.11 min Scan# 2214  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

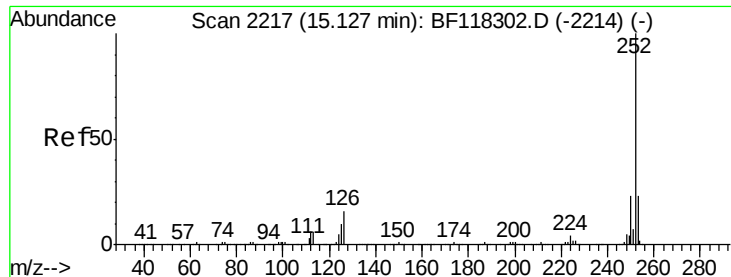
Tgt Ion:252 Resp: 1098811  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.0  | 17.5  | 26.3  |
| 125 | 10.0  | 7.7   | 11.5  |



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

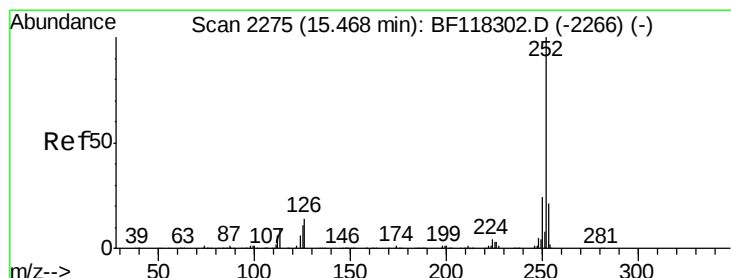
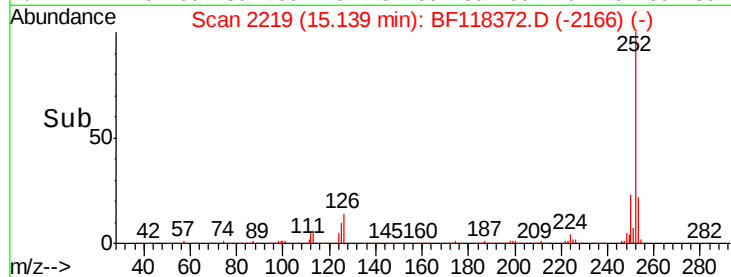
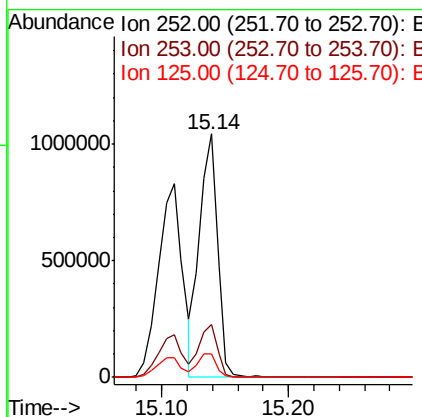
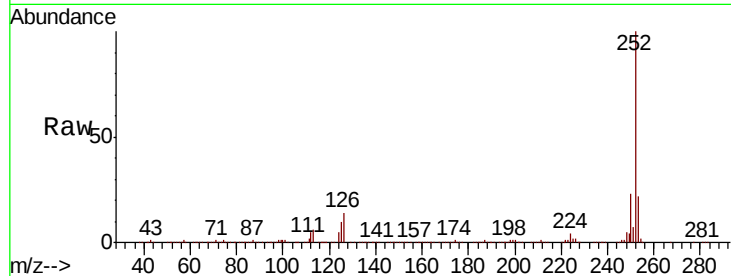




#89  
Benzo(k)fluoranthene  
Concen: 45.044 ng  
RT: 15.14 min Scan# 2219  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

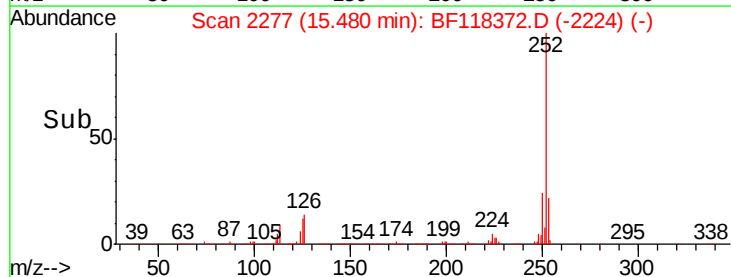
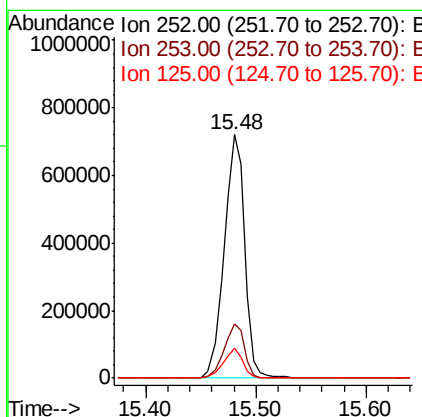
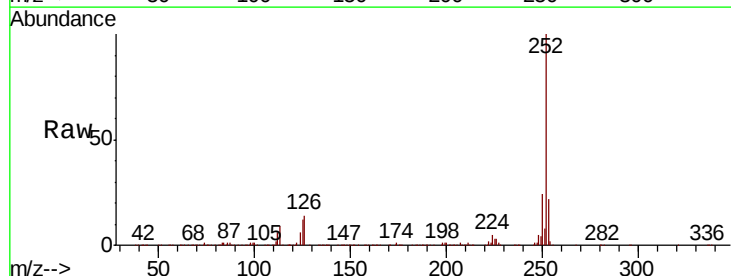
Instrument :  
BNA\_F  
ClientSampleId :

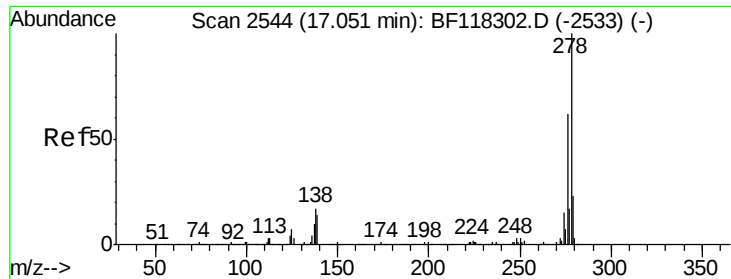
Tot Ion:252 Resp: 1030906  
Ion Ratio Lower Upper  
252 100  
253 21.7 18.0 27.0  
125 9.6 8.0 12.0



#90  
Benzo(a)pyrene  
Concen: 44.551 ng  
RT: 15.48 min Scan# 2277  
Delta R.T. 0.01 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Tgt Ion:252 Resp: 935446  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.0 25.6  
125 12.0 9.0 13.4

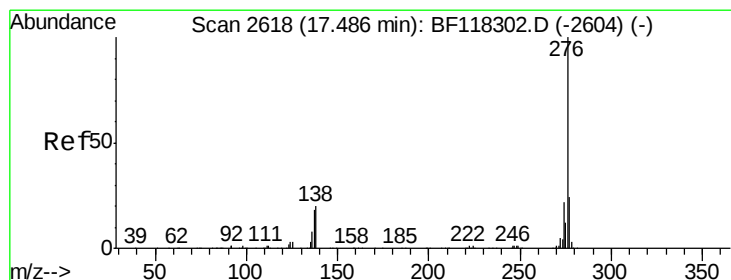
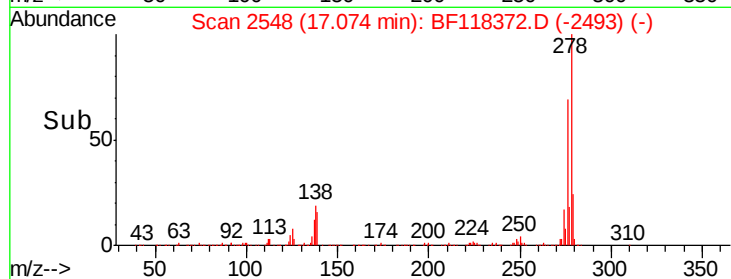
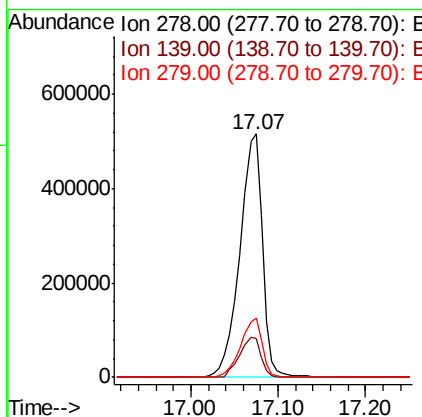
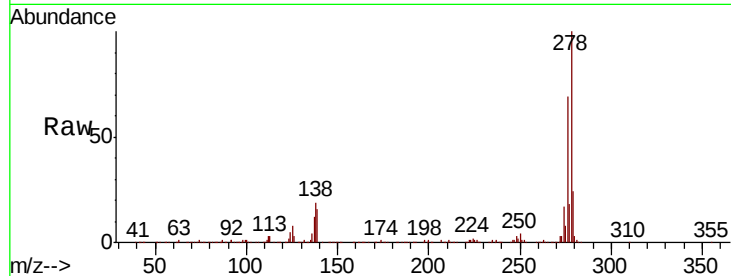




#91  
Dibenzo(a,h)anthracene  
Concen: 49.170 ng  
RT: 17.07 min Scan# 2548  
Delta R.T. 0.02 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 895945  
Ion Ratio Lower Upper  
278 100  
139 15.8 11.5 17.3  
279 24.4 18.3 27.5



#92  
Benzo(g,h,i)perylene  
Concen: 49.457 ng  
RT: 17.52 min Scan# 2623  
Delta R.T. 0.03 min  
Lab File: BF118372.D  
Acq: 28 Dec 2019 18:30

Tgt Ion:276 Resp: 870509  
Ion Ratio Lower Upper  
276 100  
277 23.4 19.1 28.7  
138 21.1 16.1 24.1

