

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF012119\  
 Data File : BF112179.D  
 Acq On : 22 Jan 2019 1:44  
 Operator : JU/SJ  
 Sample : PB116516BS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB116516BS

Quant Time: Jan 22 02:41:26 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF011619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 19 01:02:12 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 230838   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.13  | 136  | 800117   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.89  | 164  | 315048   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.37 | 188  | 542158   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 14.02 | 240  | 474388   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.49 | 264  | 343926   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.49  | 112 | 825050  | 64.87 | ng | 0.00  |
| 7) Phenol-d6             | 6.50  | 99  | 999676  | 62.82 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.42  | 82  | 873431  | 75.42 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.68 | 330 | 213436  | 62.80 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 9.21  | 172 | 1655720 | 77.05 | ng | 0.00  |
| 79) Terphenyl-d14        | 12.96 | 244 | 1435230 | 64.36 | ng | -0.01 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.69 | 88  | 155032  | 25.991 | ng | 95     |
| 3) Pyridine                    | 3.43 | 79  | 414932  | 27.774 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.38 | 42  | 196137  | 32.335 | ng | 99     |
| 6) Aniline                     | 6.51 | 93  | 242764  | 12.544 | ng | # 1    |
| 8) 2-Chlorophenol              | 6.65 | 128 | 465866  | 31.540 | ng | 99     |
| 9) Benzaldehyde                | 6.40 | 77  | 116246  | 10.037 | ng | 98     |
| 10) Phenol                     | 6.51 | 94  | 520597  | 29.936 | ng | 85     |
| 11) bis(2-Chloroethyl)ether    | 6.58 | 93  | 425815  | 30.795 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146 | 518598  | 30.765 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 525234  | 30.462 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.02 | 146 | 494142  | 31.112 | ng | 95     |
| 15) Benzyl Alcohol             | 6.99 | 79  | 362498  | 30.577 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45  | 540608  | 27.112 | ng | 96     |
| 17) 2-Methylphenol             | 7.12 | 107 | 351580  | 31.695 | ng | 95     |
| 18) Hexachloroethane           | 7.36 | 117 | 153628  | 26.695 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70  | 303393  | 31.298 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.27 | 107 | 448296  | 33.331 | ng | # 65   |
| 22) Acetophenone               | 7.26 | 105 | 598854  | 32.307 | ng | # 96   |
| 24) Nitrobenzene               | 7.43 | 77  | 433613  | 35.329 | ng | 96     |
| 25) Isophorone                 | 7.67 | 82  | 785562  | 35.118 | ng | 100    |
| 26) 2-Nitrophenol              | 7.75 | 139 | 194776  | 32.921 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.79 | 122 | 368304  | 35.471 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.88 | 93  | 510258  | 33.254 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.00 | 162 | 358286  | 31.587 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180 | 415633  | 31.575 | ng | 99     |
| 31) Naphthalene                | 8.16 | 128 | 1234913 | 33.934 | ng | 99     |
| 32) Benzoic acid               | 7.90 | 122 | 97643   | 26.910 | ng | 97     |
| 33) 4-Chloroaniline            | 8.20 | 127 | 167838  | 10.262 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.27 | 225 | 236190  | 32.242 | ng | 99     |
| 35) Caprolactam                | 8.56 | 113 | 99466   | 25.055 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.69 | 107 | 323219  | 29.175 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.85 | 142 | 818821  | 33.135 | ng | 100    |
| 38) 1-Methylnaphthalene        | 8.95 | 142 | 760615  | 32.027 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 363131  | 35.895 | ng | 99     |

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 Sample : PB116516BS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

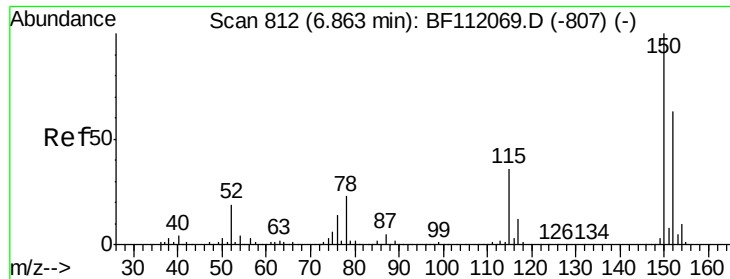
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB116516BS

Quant Time: Jan 22 02:41:26 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF011619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 19 01:02:12 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.00  | 237  | 23944    | 13.201 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 9.13  | 196  | 217600   | 35.955 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.17  | 196  | 221839   | 34.417 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.31  | 154  | 952886   | 36.172 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.34  | 162  | 700827   | 33.987 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.43  | 65   | 189471   | 40.793 | ng    | 87       |
| 49) Acenaphthylene             | 9.75  | 152  | 1056419  | 35.107 | ng    | 98       |
| 50) Dimethylphthalate          | 9.60  | 163  | 858126   | 37.349 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.67  | 165  | 157529   | 34.332 | ng #  | 87       |
| 52) Acenaphthene               | 9.92  | 154  | 601071   | 32.647 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.84  | 138  | 146071   | 28.468 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 9.96  | 184  | 7026     | 15.136 | ng #  | 86       |
| 55) Dibenzofuran               | 10.09 | 168  | 907763   | 32.603 | ng    | 97       |
| 56) 4-Nitrophenol              | 10.02 | 139  | 197964   | 55.821 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 10.07 | 165  | 184596   | 32.931 | ng    | 92       |
| 58) Fluorene                   | 10.44 | 166  | 692900   | 33.308 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.22 | 232  | 163494   | 33.613 | ng    | 98       |
| 60) Diethylphthalate           | 10.30 | 149  | 806665   | 35.968 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.43 | 204  | 353945   | 31.531 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.45 | 138  | 168760   | 33.123 | ng    | 95       |
| 63) Azobenzene                 | 10.59 | 77   | 631756   | 29.415 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.49 | 198  | 9628     | 13.434 | ng    | 82       |
| 66) n-Nitrosodiphenylamine     | 10.55 | 169  | 612026   | 34.147 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.92 | 248  | 205390   | 32.615 | ng    | 98       |
| 68) Hexachlorobenzene          | 10.99 | 284  | 212112   | 31.268 | ng    | 98       |
| 69) Atrazine                   | 11.07 | 200  | 199072   | 34.420 | ng    | 96       |
| 70) Pentachlorophenol          | 11.19 | 266  | 169368   | 54.070 | ng    | 99       |
| 71) Phenanthrene               | 11.40 | 178  | 974479   | 35.715 | ng    | 99       |
| 72) Anthracene                 | 11.45 | 178  | 1005280  | 36.371 | ng    | 99       |
| 73) Carbazole                  | 11.60 | 167  | 891651   | 32.204 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.93 | 149  | 1174353  | 37.706 | ng    | 97       |
| 75) Fluoranthene               | 12.59 | 202  | 1079217  | 37.463 | ng    | 98       |
| 77) Benzidine                  | 12.70 | 184  | 638346   | 40.330 | ng    | 96       |
| 78) Pyrene                     | 12.82 | 202  | 1094386  | 34.966 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.43 | 149  | 528509   | 38.491 | ng    | 95       |
| 81) Benzo(a)anthracene         | 14.01 | 228  | 947948   | 34.851 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 13.96 | 252  | 332986   | 32.689 | ng    | 98       |
| 83) Chrysene                   | 14.04 | 228  | 879319   | 34.165 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 798177   | 40.561 | ng #  | 99       |
| 85) Di-n-octyl phthalate       | 14.60 | 149  | 1248994  | 41.194 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.96 | 276  | 654676   | 27.571 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.06 | 252  | 756498   | 38.750 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.09 | 252  | 663664   | 35.123 | ng    | 97       |
| 90) Benzo(a)pyrene             | 15.42 | 252  | 645020   | 36.027 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.97 | 278  | 553114   | 34.784 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.41 | 276  | 532437   | 33.987 | ng    | 97       |

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

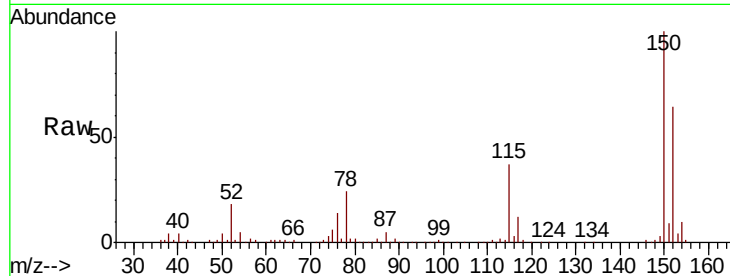




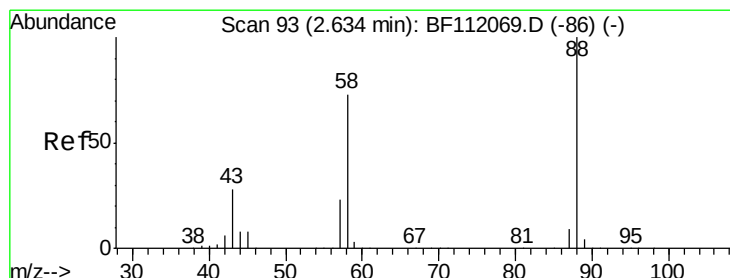
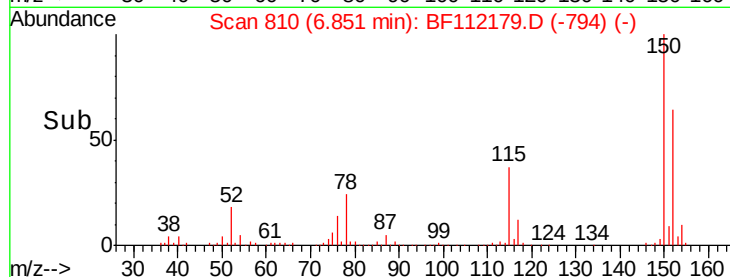
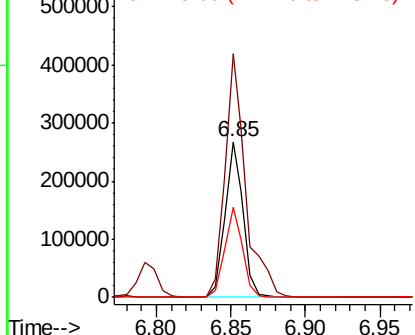
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.85 min Scan# 810  
 Delta R.T. -0.01 min  
 Lab File: BF112179.D  
 Acq: 22 Jan 2019 1:44

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB116516BS

Tgt Ion: 152 Resp: 230838  
 Ion Ratio Lower Upper  
 152 100  
 150 156.2 127.4 191.0  
 115 57.6 45.5 68.3

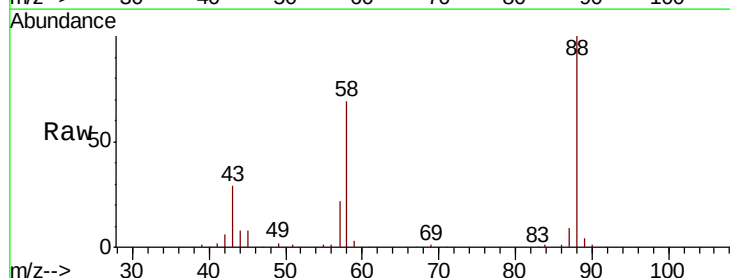


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

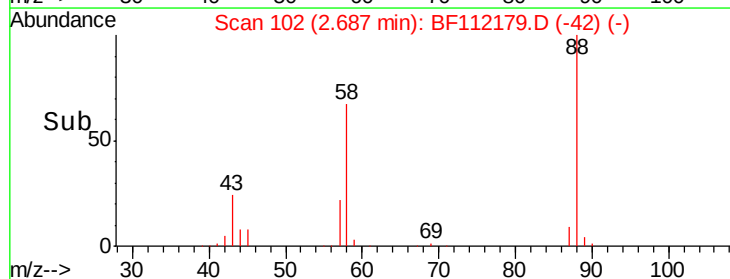
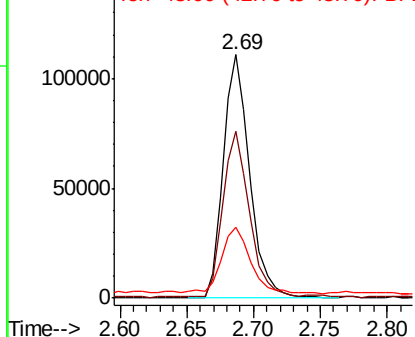


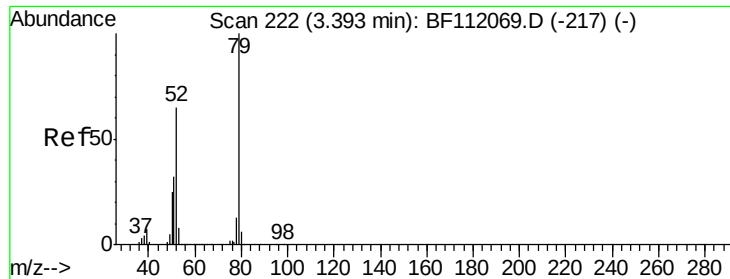
#2  
 1,4-Dioxane  
 Concen: 25.991 ng  
 RT: 2.69 min Scan# 102  
 Delta R.T. 0.05 min  
 Lab File: BF112179.D  
 Acq: 22 Jan 2019 1:44

Tgt Ion: 88 Resp: 155032  
 Ion Ratio Lower Upper  
 88 100  
 58 67.7 57.4 86.2  
 43 30.0 22.2 33.4



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





#3

Pyridine

Concen: 27.774 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.05 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

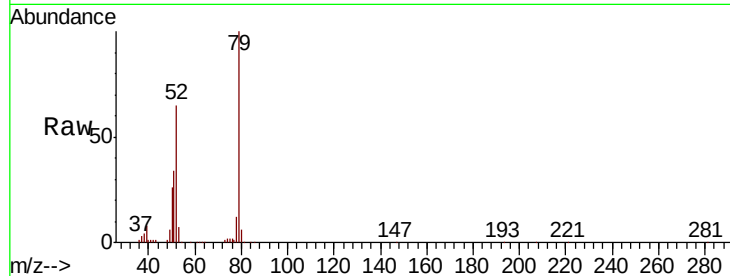
Tgt Ion: 79 Resp: 414932

Ion Ratio Lower Upper

79 100

52 65.5 52.4 78.6

51 33.6 26.1 39.1



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

250000

200000

150000

100000

50000

0

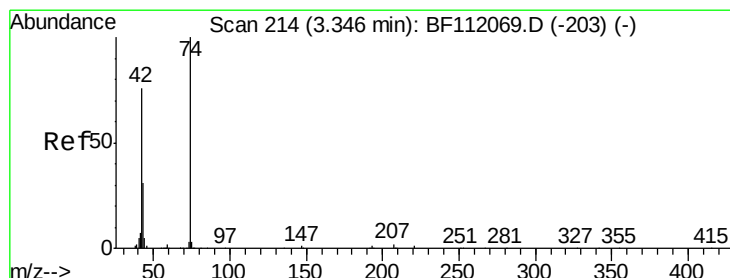
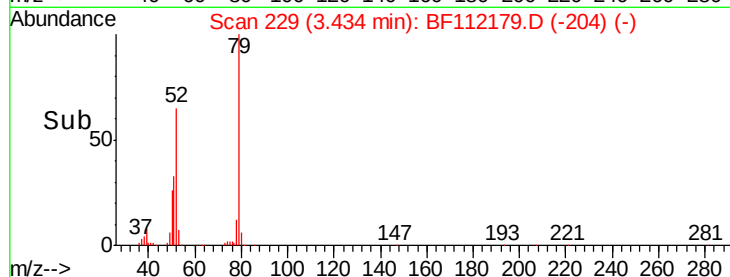
3.43

3.40

3.60

3.80

Time-->



#4

n-Nitrosodimethylamine

Concen: 32.335 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.04 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

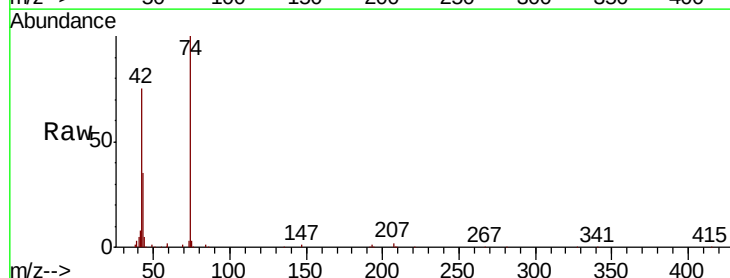
Tgt Ion: 42 Resp: 196137

Ion Ratio Lower Upper

42 100

74 132.9 105.6 158.4

44 7.1 5.4 8.2



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

150000

100000

50000

0

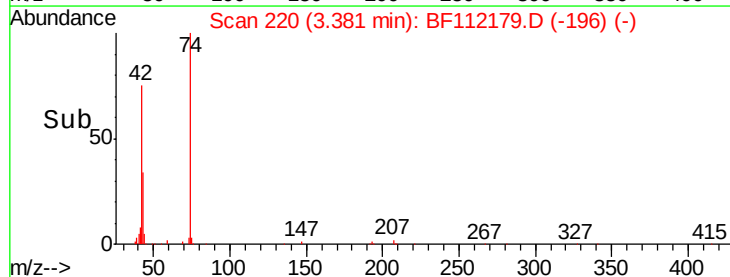
3.38

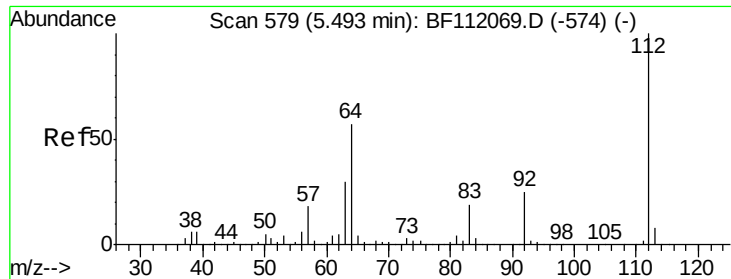
3.30

3.40

3.50

Time-->





#5

2-Fluorophenol

Concen: 64.872 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

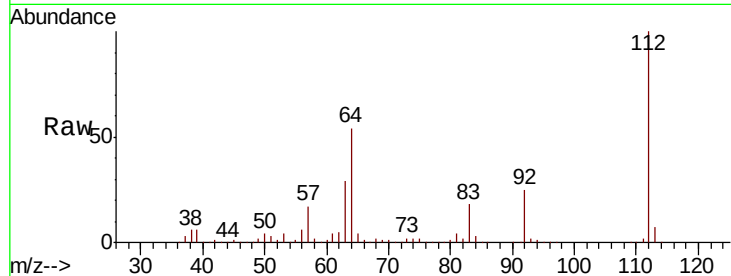
Tgt Ion: 112 Resp: 825050

Ion Ratio Lower Upper

112 100

64 54.3 45.7 68.5

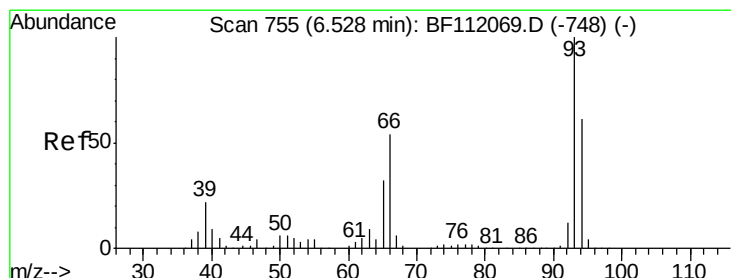
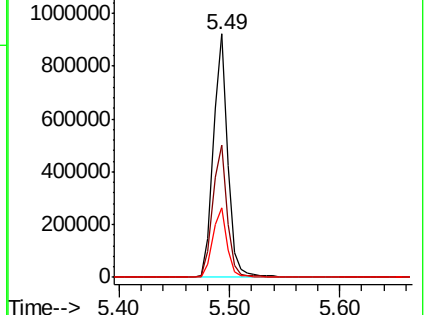
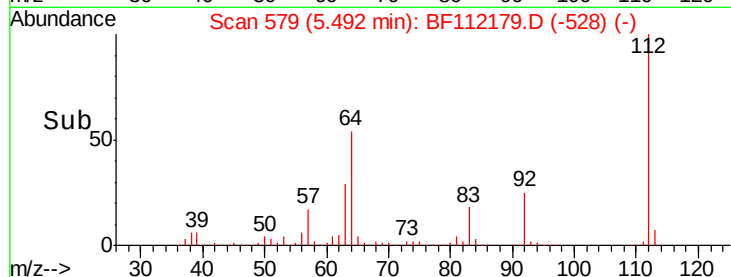
63 28.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF112179.D (-528) (-)

Ion 64.00 (63.70 to 64.70): BF112179.D (-528) (-)

Ion 63.00 (62.70 to 63.70): BF112179.D (-528) (-)



#6

Aniline

Concen: 12.544 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

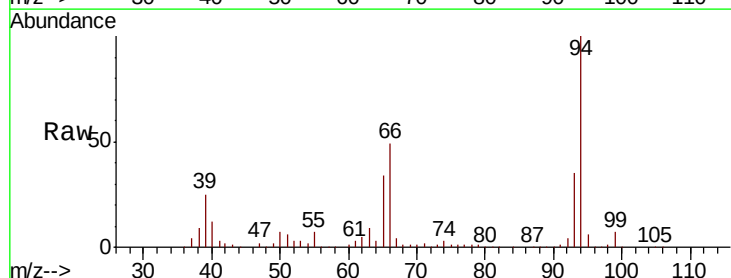
Tgt Ion: 93 Resp: 242764

Ion Ratio Lower Upper

93 100

66 137.5 43.4 65.2#

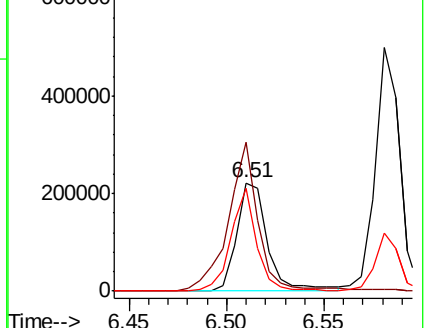
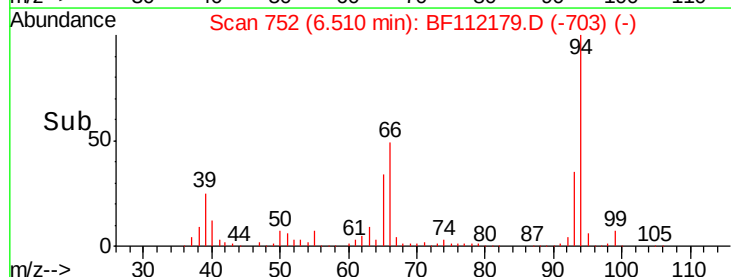
65 95.2 25.3 37.9#

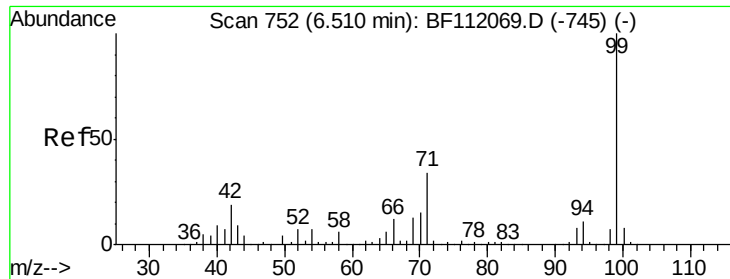


Abundance Ion 93.00 (92.70 to 93.70): BF112179.D (-703) (-)

Ion 66.00 (65.70 to 66.70): BF112179.D (-703) (-)

Ion 65.00 (64.70 to 65.70): BF112179.D (-703) (-)





#7

Phenol-d6

Concen: 62.824 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

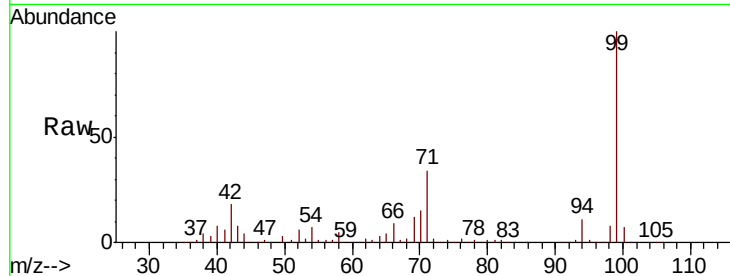
Tgt Ion: 99 Resp: 999676

Ion Ratio Lower Upper

99 100

42 17.6 15.1 22.7

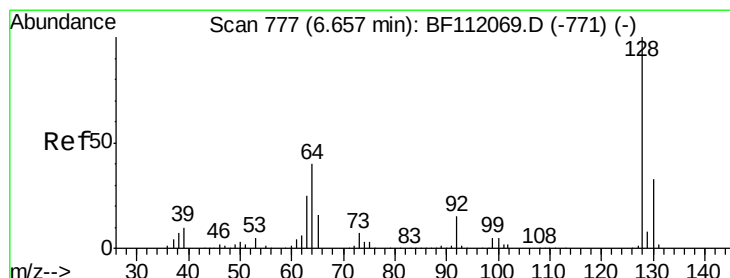
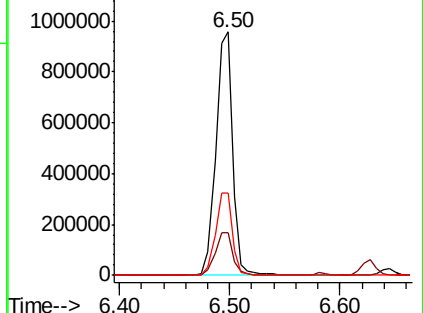
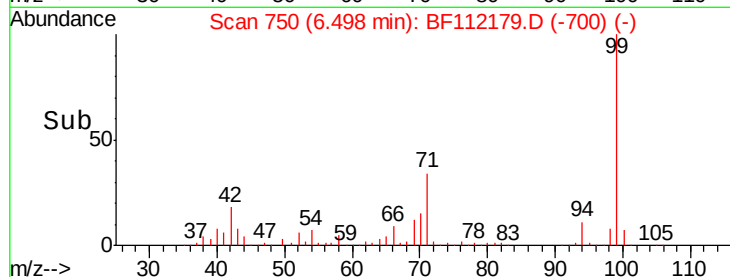
71 34.0 26.9 40.3



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: 31.540 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

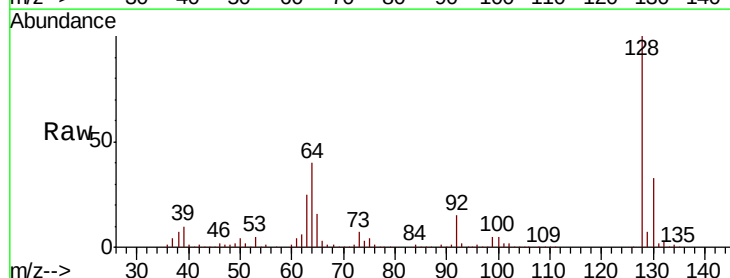
Tgt Ion: 128 Resp: 465866

Ion Ratio Lower Upper

128 100

130 33.1 13.4 53.4

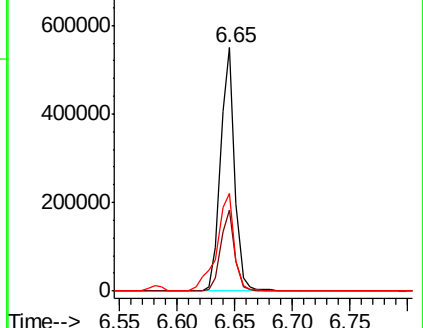
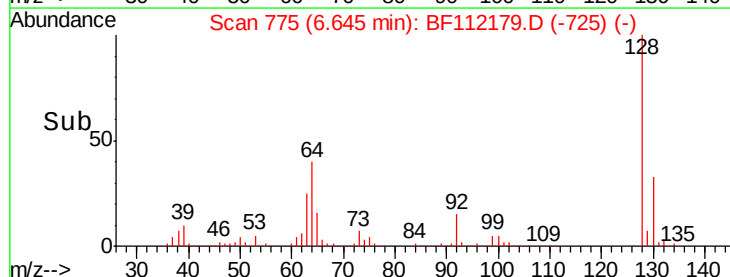
64 40.2 20.5 60.5



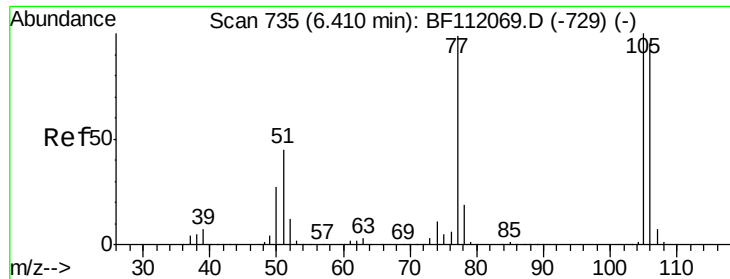
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 10.037 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

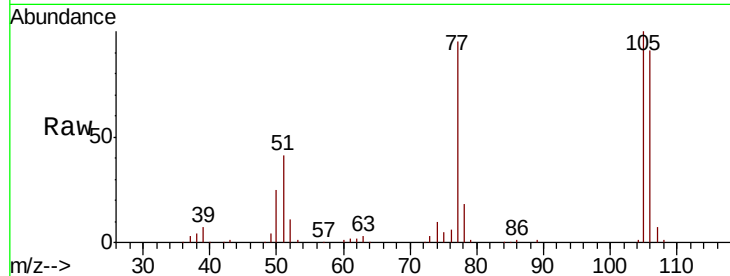
Tgt Ion: 77 Resp: 116246

Ion Ratio Lower Upper

77 100

105 104.9 80.8 120.8

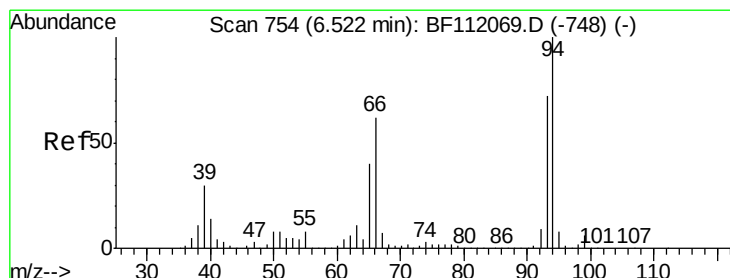
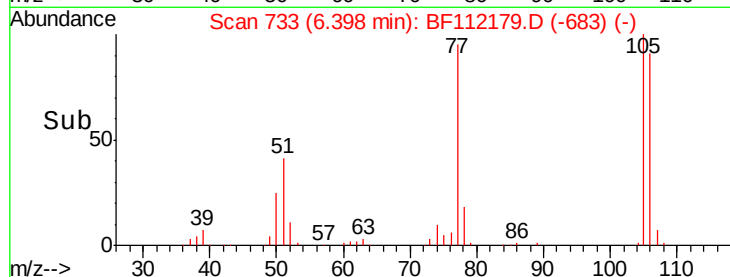
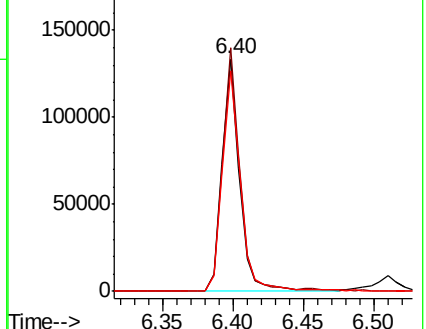
106 95.2 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 29.936 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

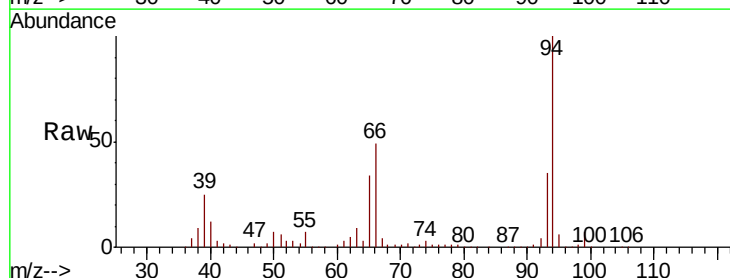
Tgt Ion: 94 Resp: 520597

Ion Ratio Lower Upper

94 100

65 33.8 20.3 60.3

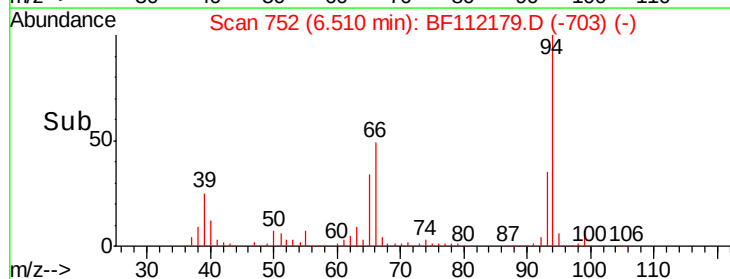
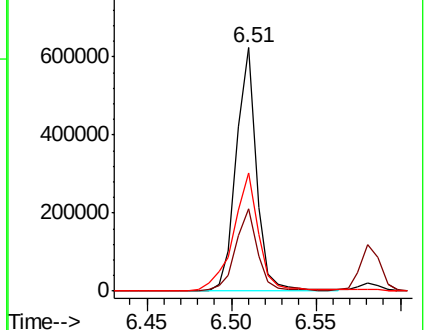
66 48.8 42.4 82.4



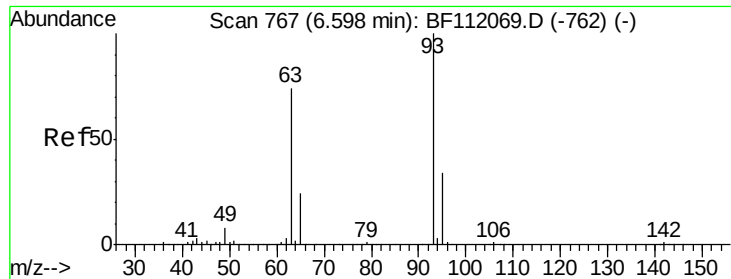
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



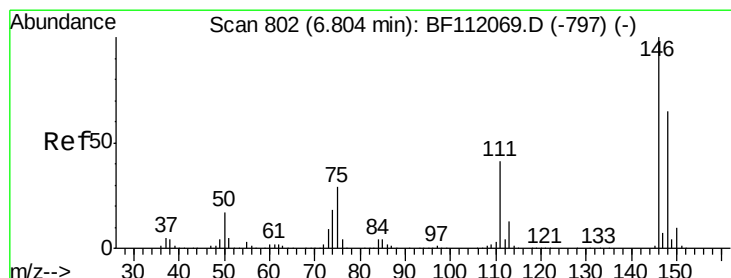
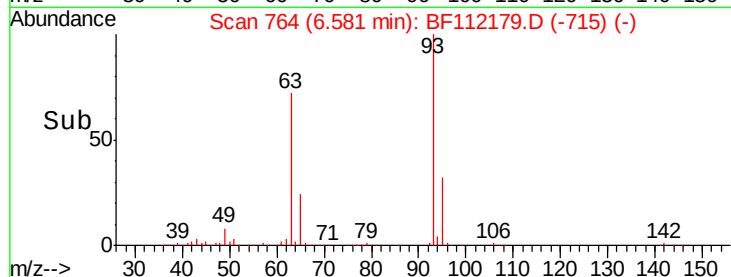
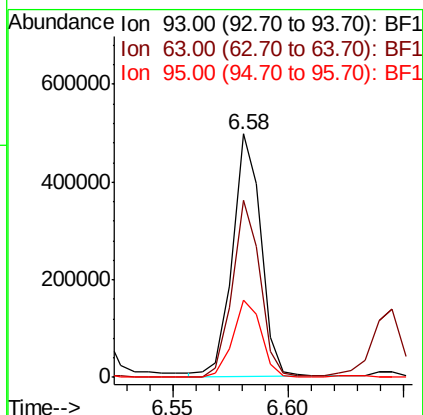
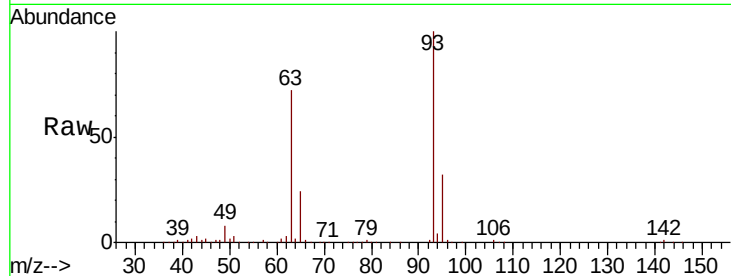




#11  
bis(2-Chloroethyl)ether  
Concen: 30.795 ng  
RT: 6.58 min Scan# 764  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

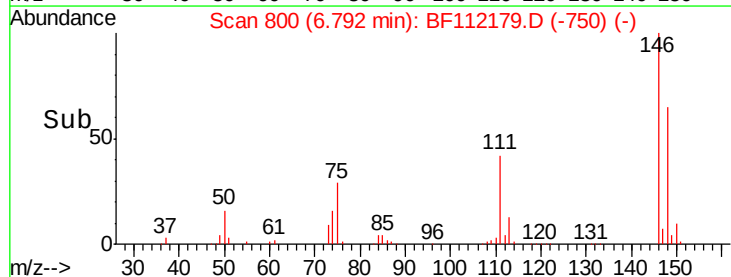
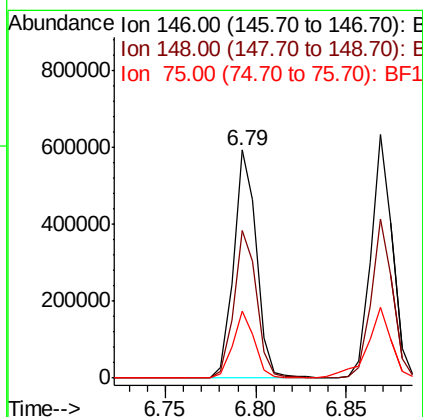
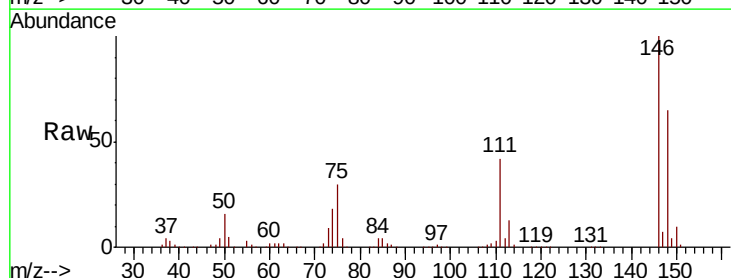
Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

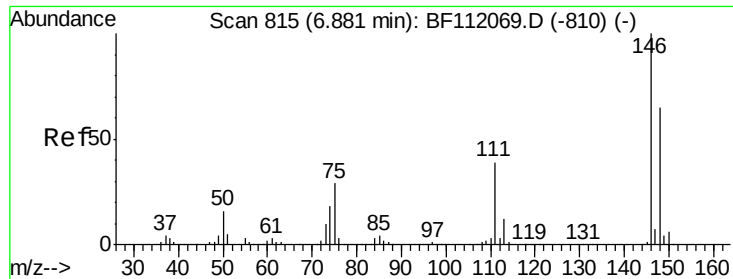
Tgt Ion: 93 Resp: 425815  
Ion Ratio Lower Upper  
93 100  
63 72.5 53.3 93.3  
95 31.5 13.4 53.4



#12  
1,3-Dichlorobenzene  
Concen: 30.765 ng  
RT: 6.79 min Scan# 800  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Tgt Ion: 146 Resp: 518598  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.8 77.8  
75 29.6 23.1 34.7

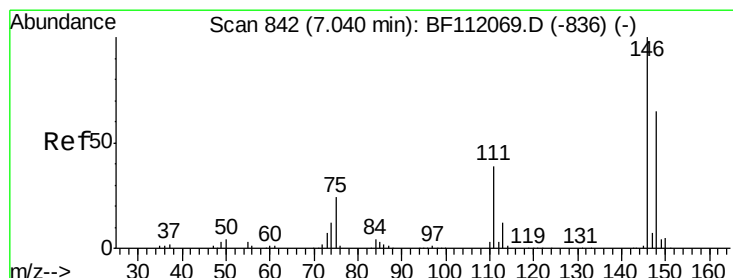
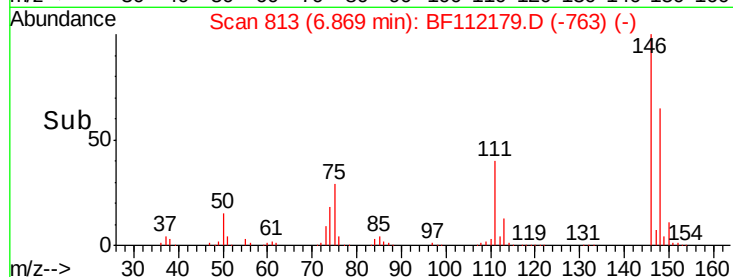
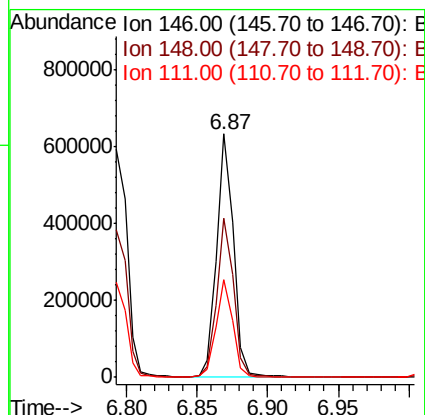
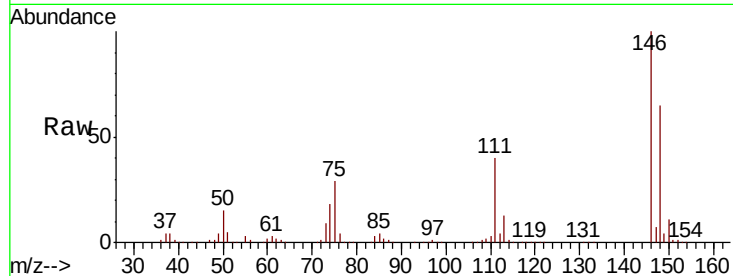




#13  
 1,4-Dichlorobenzene  
 Concen: 30.462 ng  
 RT: 6.87 min Scan# 813  
 Delta R.T. -0.01 min  
 Lab File: BF112179.D  
 Acq: 22 Jan 2019 1:44

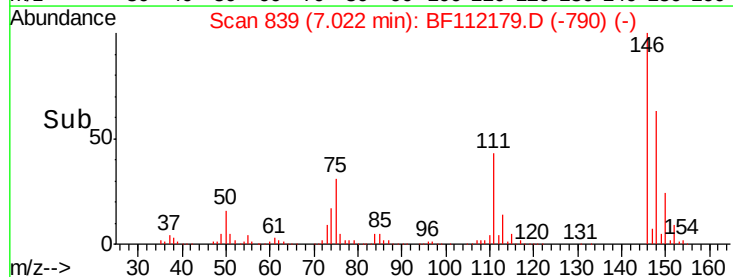
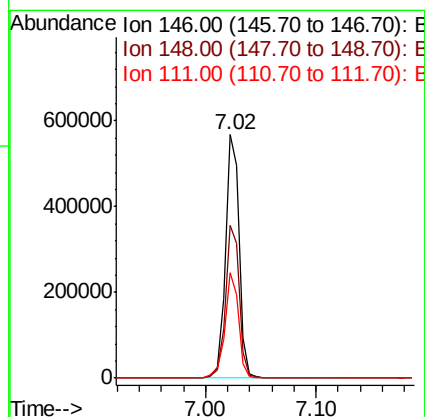
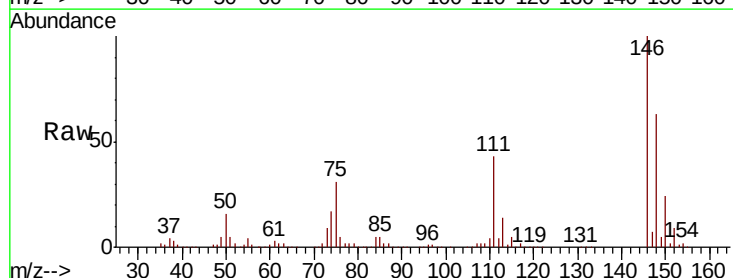
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB116516BS

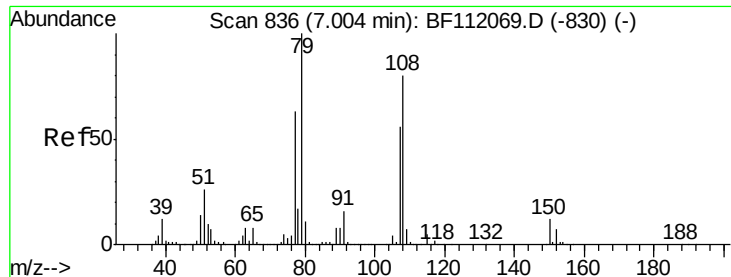
Tgt Ion:146 Resp: 525234  
 Ion Ratio Lower Upper  
 146 100  
 148 65.2 52.0 78.0  
 111 40.0 31.2 46.8



#14  
 1,2-Dichlorobenzene  
 Concen: 31.112 ng  
 RT: 7.02 min Scan# 839  
 Delta R.T. -0.01 min  
 Lab File: BF112179.D  
 Acq: 22 Jan 2019 1:44

Tgt Ion:146 Resp: 494142  
 Ion Ratio Lower Upper  
 146 100  
 148 62.9 52.2 78.4  
 111 43.4 31.2 46.8

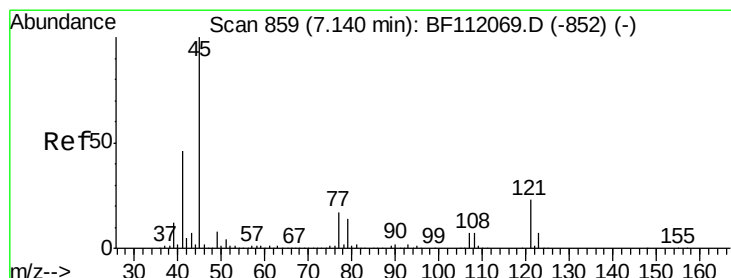
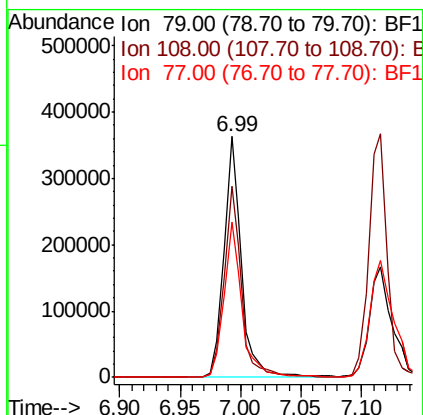
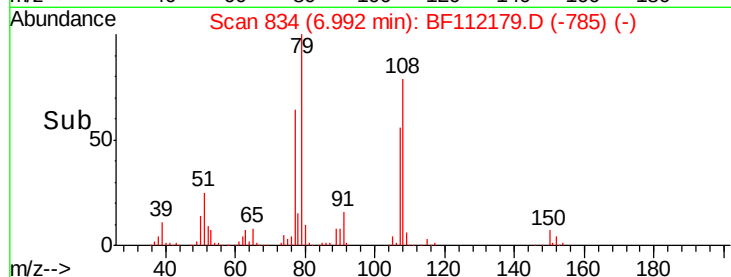
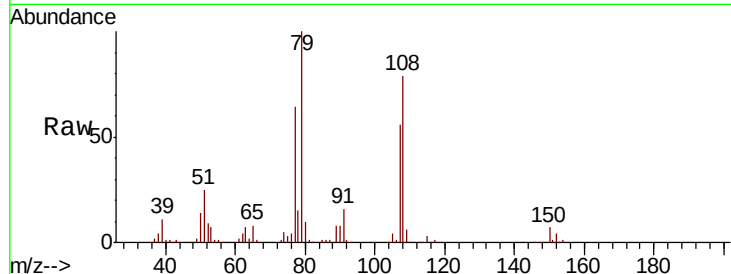




#15  
Benzyl Alcohol  
Concen: 30.577 ng  
RT: 6.99 min Scan# 834  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

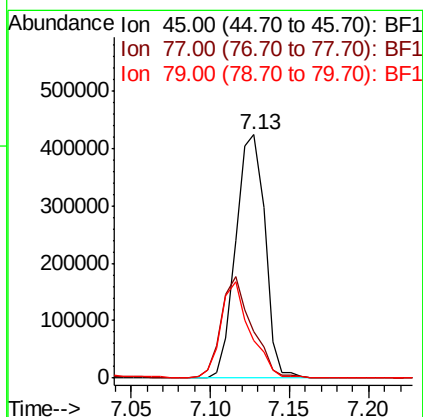
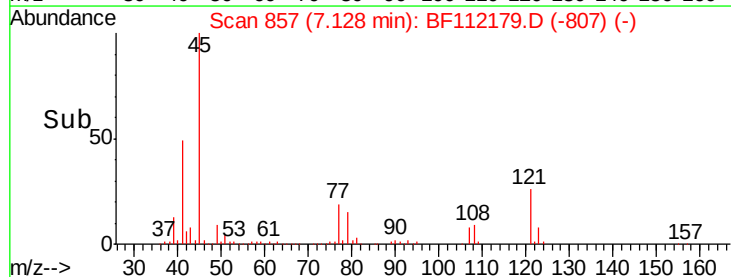
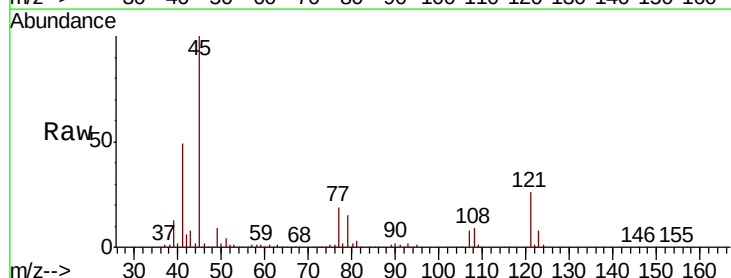
Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

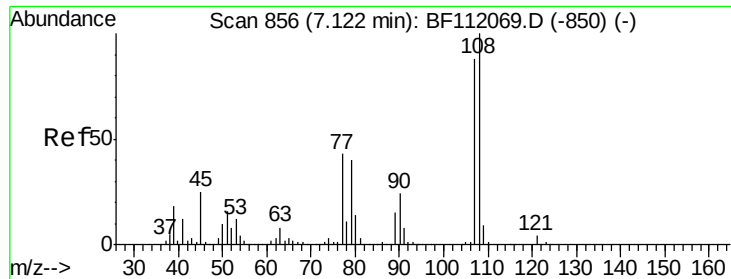
Tgt Ion: 79 Resp: 362498  
Ion Ratio Lower Upper  
79 100  
108 79.4 64.2 96.2  
77 64.3 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 27.112 ng  
RT: 7.13 min Scan# 857  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Tgt Ion: 45 Resp: 540608  
Ion Ratio Lower Upper  
45 100  
77 19.2 0.0 36.9  
79 15.5 0.0 34.0

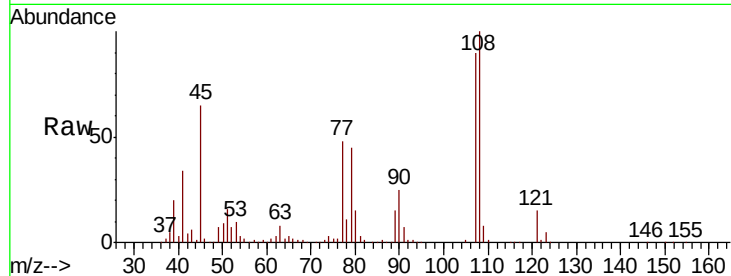




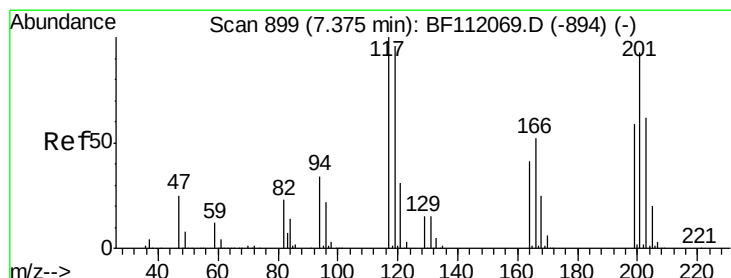
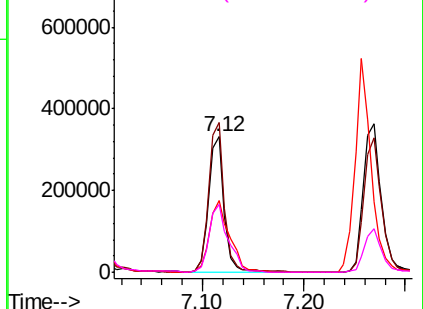
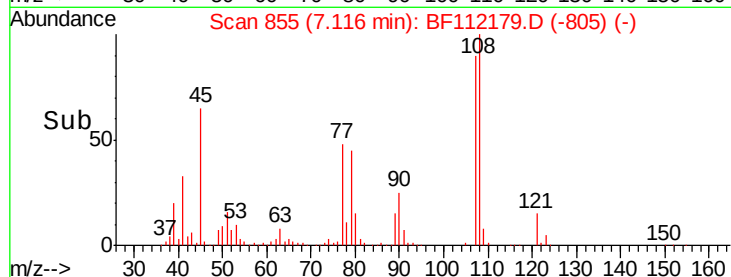
#17  
2-Methylphenol  
Concen: 31.695 ng  
RT: 7.12 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 351580 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.8 | 91.3  | 136.9  |
| 77       | 53.4  | 39.0  | 58.6   |
| 79       | 50.4  | 37.0  | 55.4   |

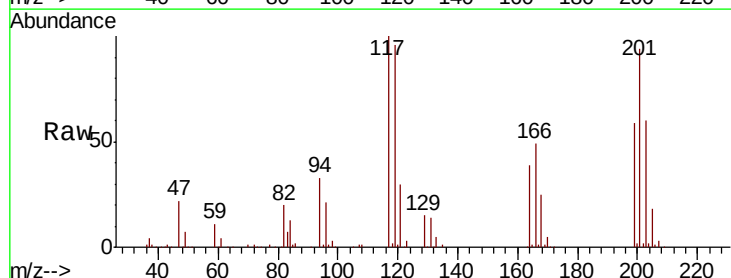


Abundance Ion 107.00 (106.70 to 107.70): E  
800000 Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

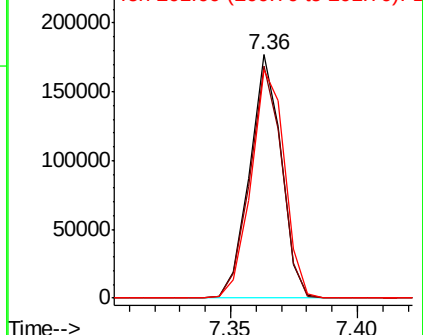
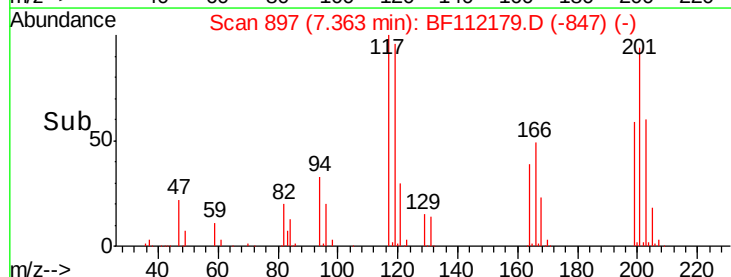


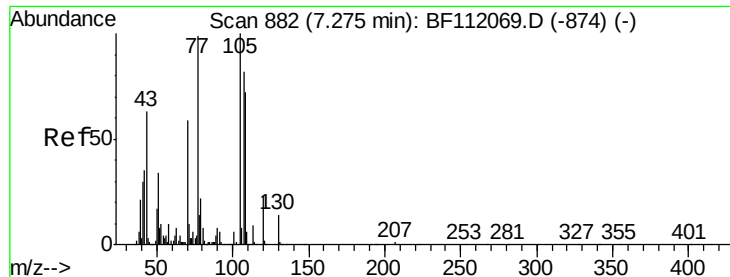
#18  
Hexachloroethane  
Concen: 26.695 ng  
RT: 7.36 min Scan# 897  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 153628 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.5  | 77.0  | 115.4  |
| 201      | 93.7  | 74.1  | 111.1  |



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

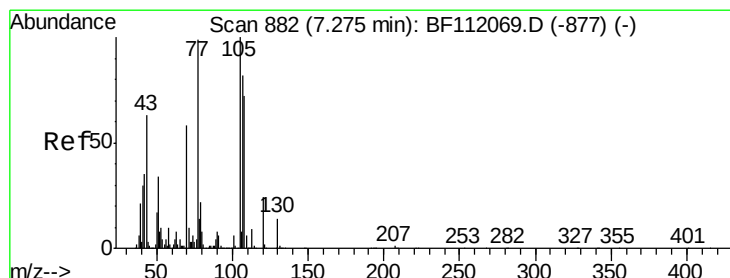
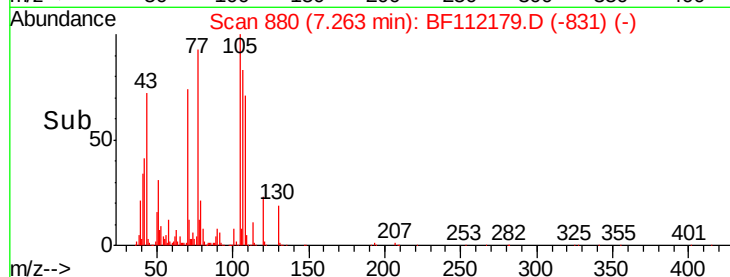
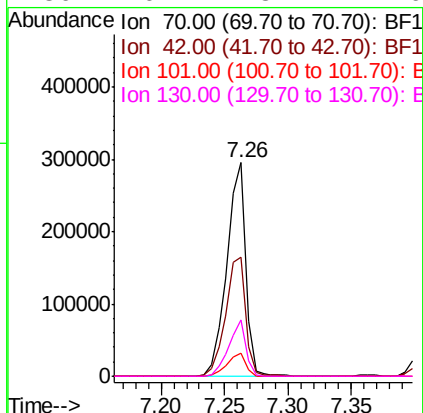
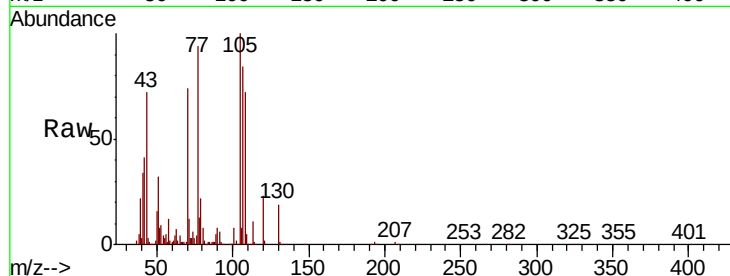




#19  
n-Nitroso-di-n-propylamine  
Concen: 31.298 ng  
RT: 7.26 min Scan# 880  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

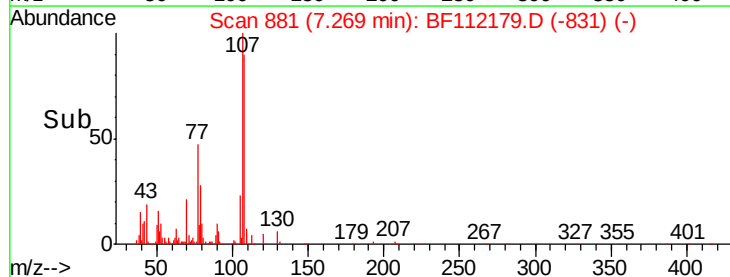
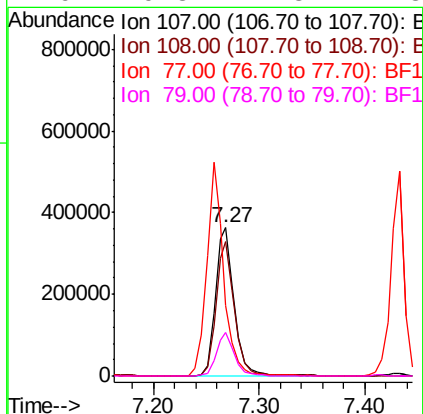
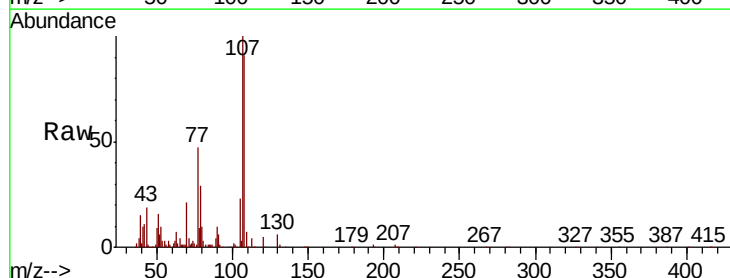
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BNA\_F  
ClientSampleId :  
PB116516BS

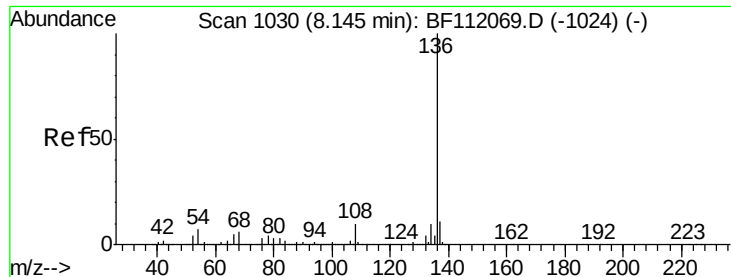
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 303393 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 55.9  | 47.6  | 71.4   |
| 101      | 10.6  | 7.9   | 11.9   |
| 130      | 26.1  | 18.4  | 27.6   |



#20  
3+4-Methylphenols  
Concen: 33.331 ng  
RT: 7.27 min Scan# 881  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 448296 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.7  | 68.2  | 108.2  |
| 77       | 47.1  | 100.7 | 140.7# |
| 79       | 29.3  | 7.3   | 47.3   |

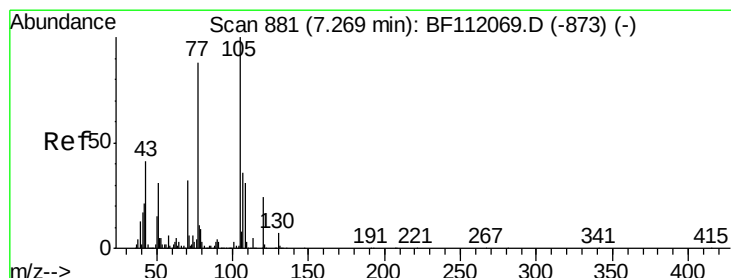
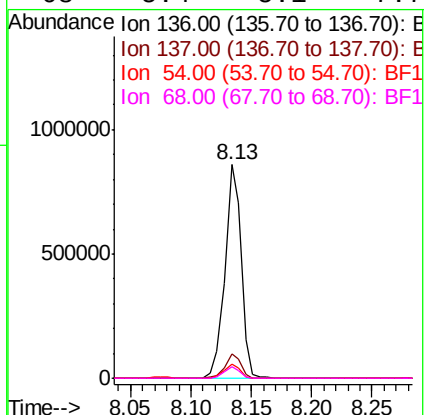
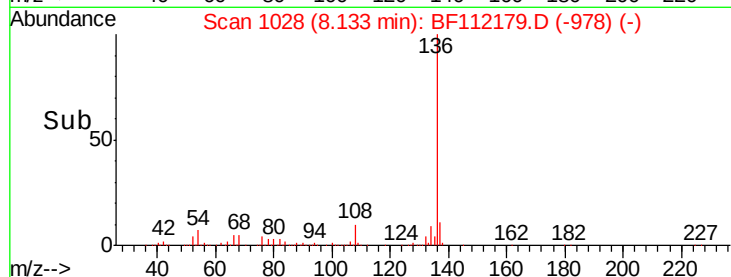
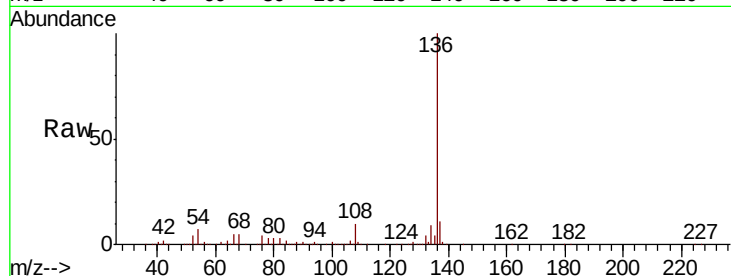




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.13 min Scan# 1028  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

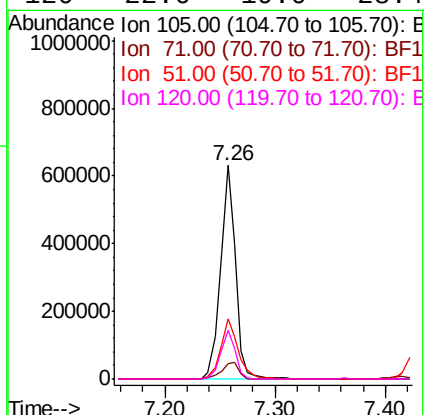
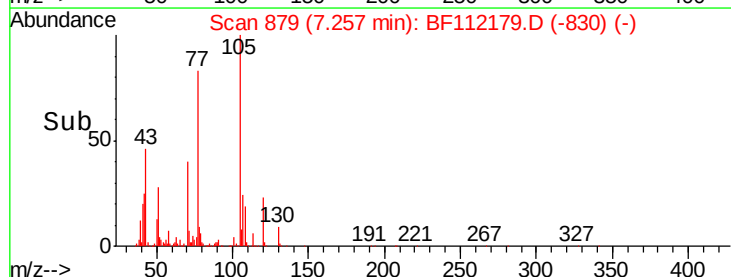
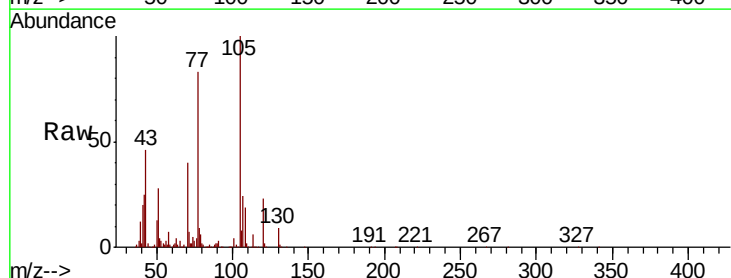
Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

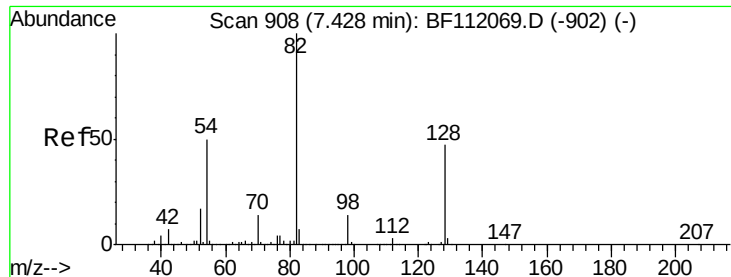
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 800117 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 9.1   | 13.7   |
| 54       | 6.6   | 5.9   | 8.9    |
| 68       | 5.4   | 5.1   | 7.7    |



#22  
Acetophenone  
Concen: 32.307 ng  
RT: 7.26 min Scan# 879  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 598854 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 7.0   | 4.6   | 6.8#   |
| 51       | 28.1  | 25.0  | 37.6   |
| 120      | 22.6  | 19.0  | 28.4   |

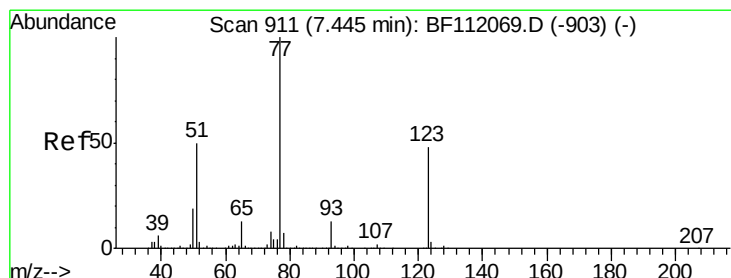
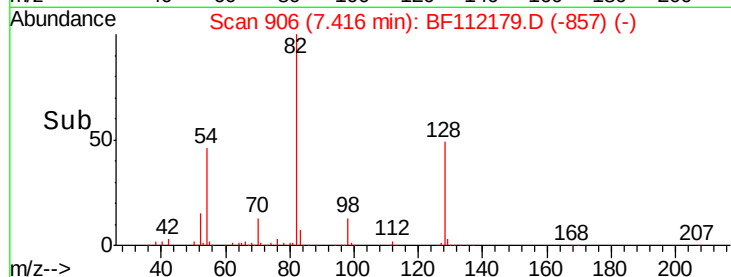
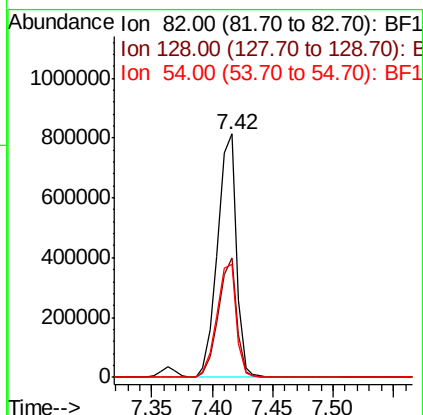
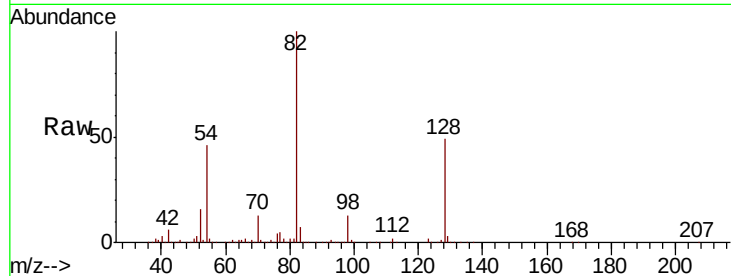




#23  
 Nitrobenzene-d5  
 Concen: 75.420 ng  
 RT: 7.42 min Scan# 906  
 Delta R.T. -0.01 min  
 Lab File: BF112179.D  
 Acq: 22 Jan 2019 1:44

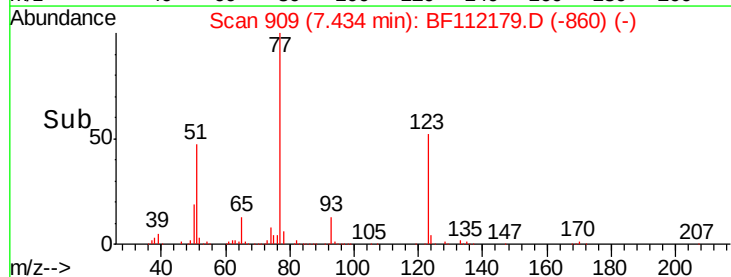
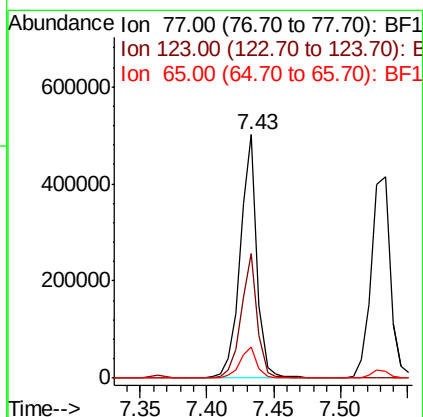
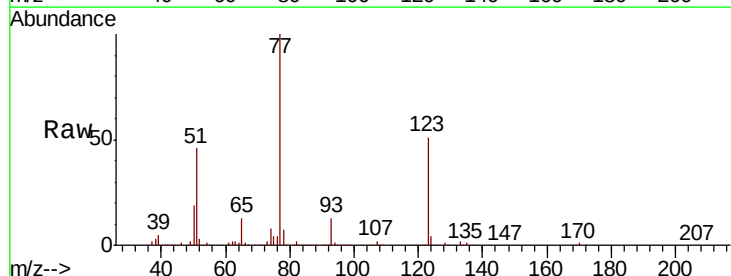
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB116516BS

Tgt Ion: 82 Resp: 873431  
 Ion Ratio Lower Upper  
 82 100  
 128 49.0 37.8 56.8  
 54 46.4 39.7 59.5

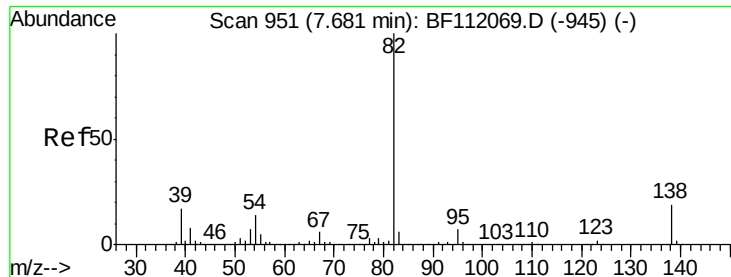


#24  
 Nitrobenzene  
 Concen: 35.329 ng  
 RT: 7.43 min Scan# 909  
 Delta R.T. -0.01 min  
 Lab File: BF112179.D  
 Acq: 22 Jan 2019 1:44

Tgt Ion: 77 Resp: 433613  
 Ion Ratio Lower Upper  
 77 100  
 123 51.2 38.4 57.6  
 65 12.9 10.6 15.8



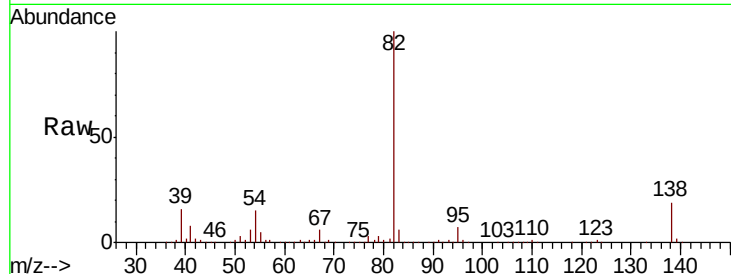




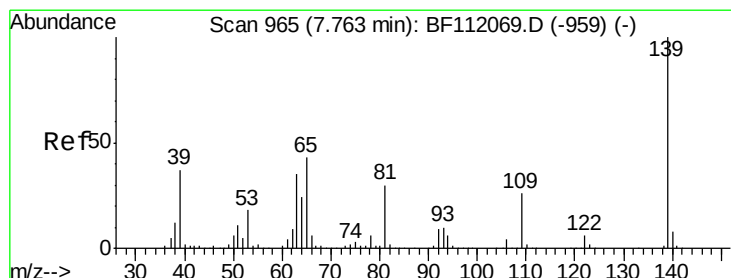
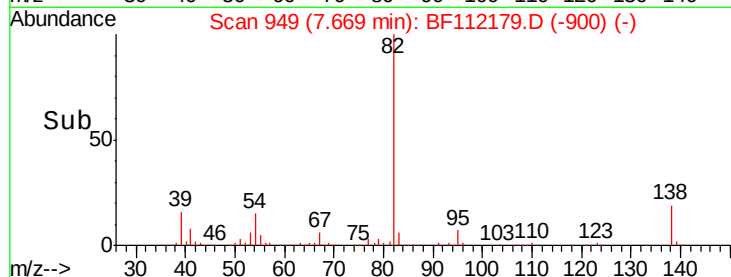
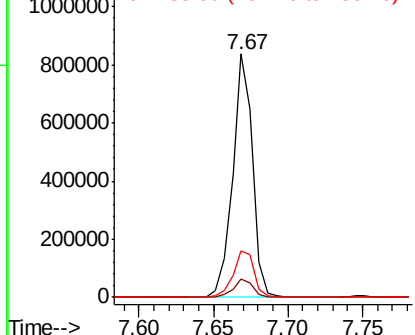
#25  
Isophorone  
Concen: 35.118 ng  
RT: 7.67 min Scan# 949  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

Tgt Ion: 82 Resp: 785562  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.7 8.5  
138 19.4 15.4 23.0

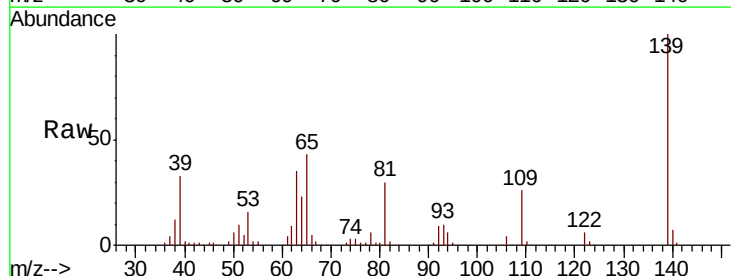


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1

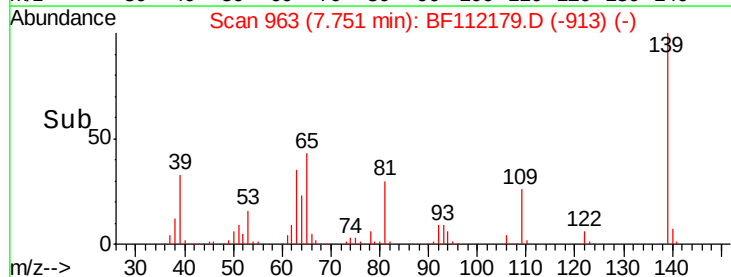
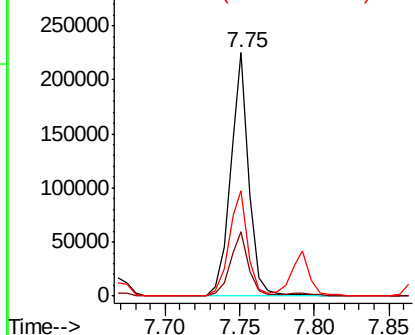


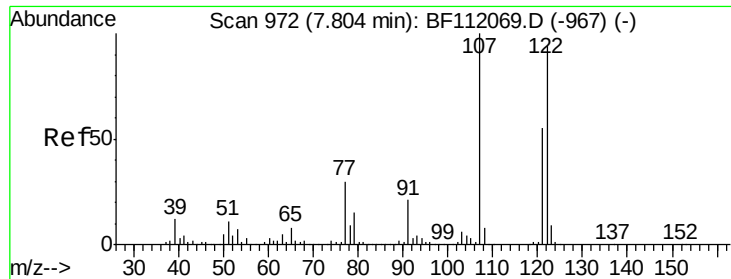
#26  
2-Nitrophenol  
Concen: 32.921 ng  
RT: 7.75 min Scan# 963  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Tgt Ion: 139 Resp: 194776  
Ion Ratio Lower Upper  
139 100  
109 26.3 20.8 31.2  
65 43.4 34.4 51.6



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

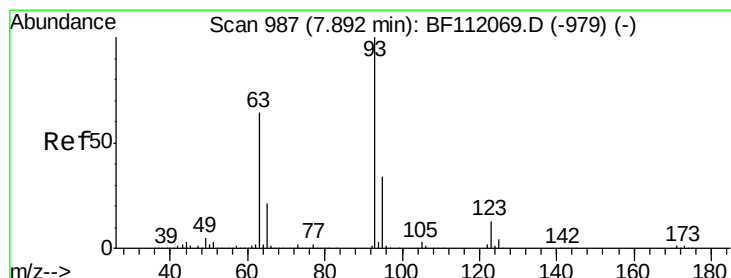
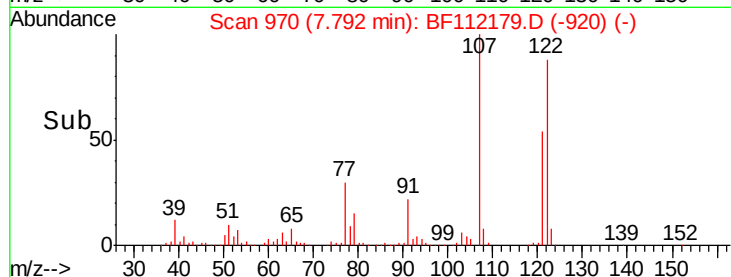
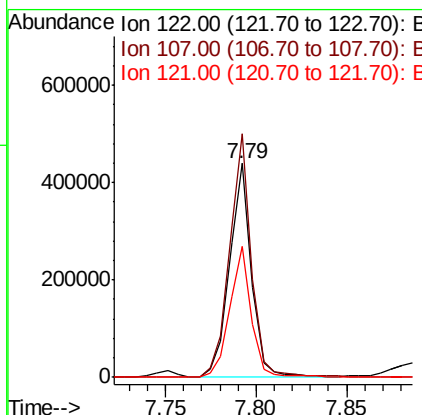
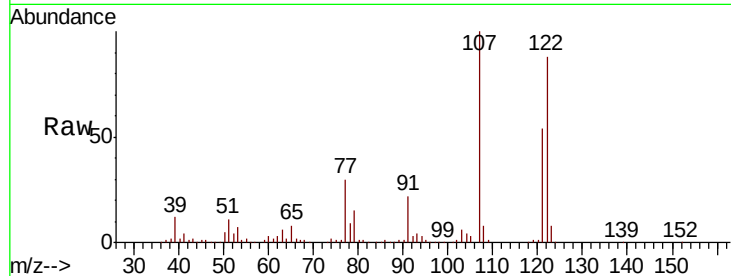




#27  
2,4-Dimethylphenol  
Concen: 35.471 ng  
RT: 7.79 min Scan# 970  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

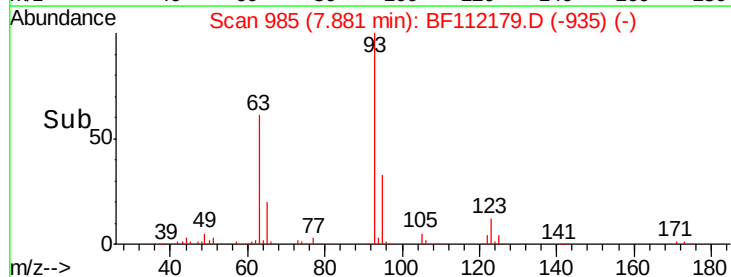
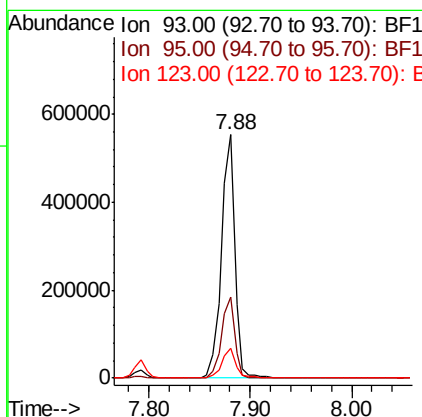
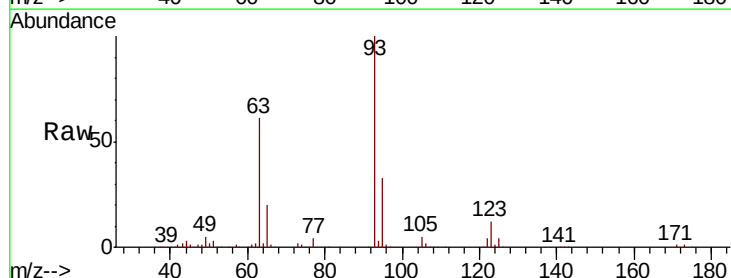
Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

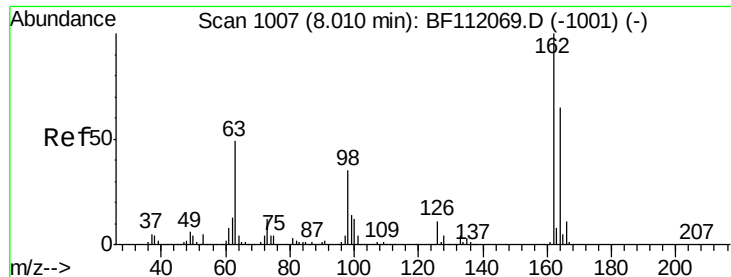
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 113.9 | 85.4  | 128.0 |
| 121     | 61.3  | 47.0  | 70.4  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 33.254 ng  
RT: 7.88 min Scan# 985  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.1  | 26.8  | 40.2  |
| 123     | 12.4  | 10.2  | 15.2  |

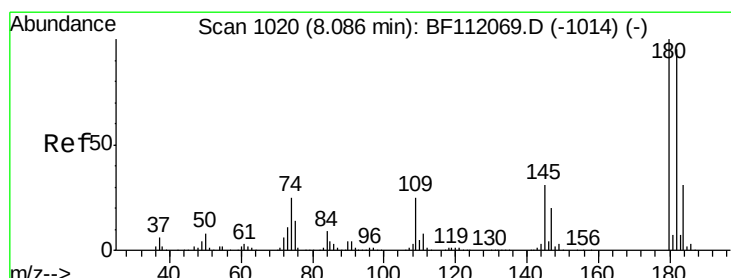
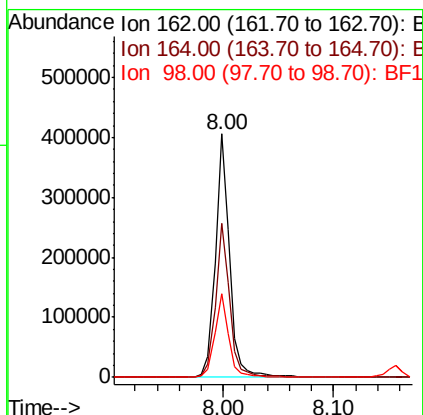
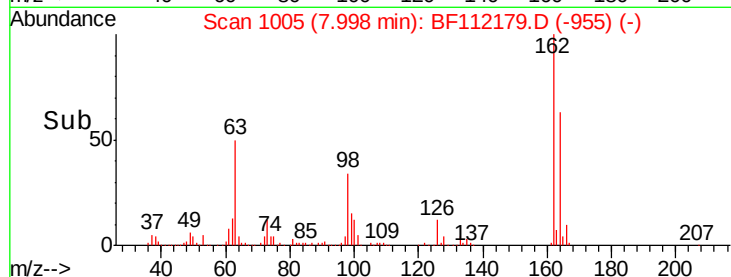
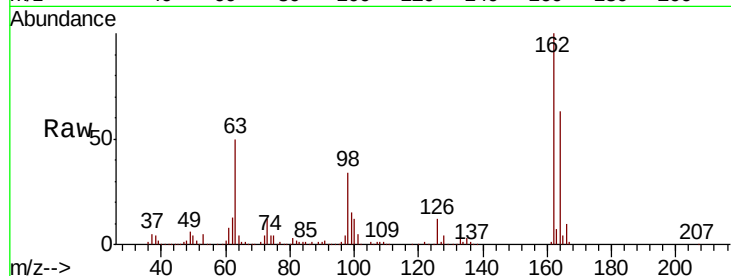




#29  
2,4-Dichlorophenol  
Concen: 31.587 ng  
RT: 8.00 min Scan# 1005  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

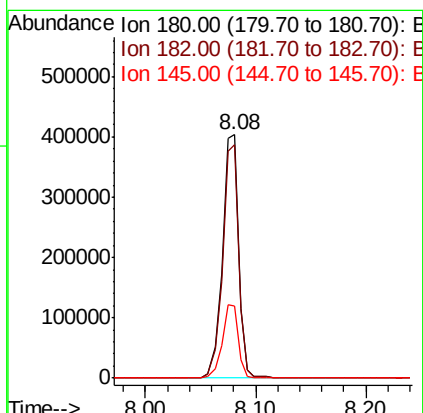
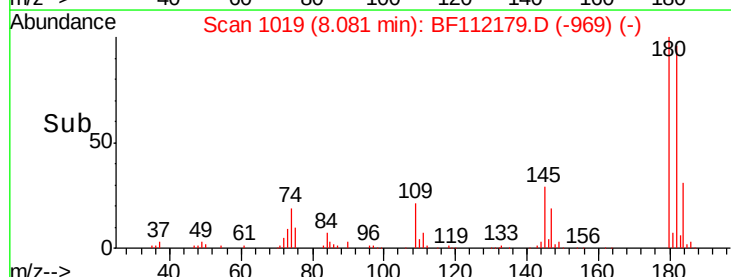
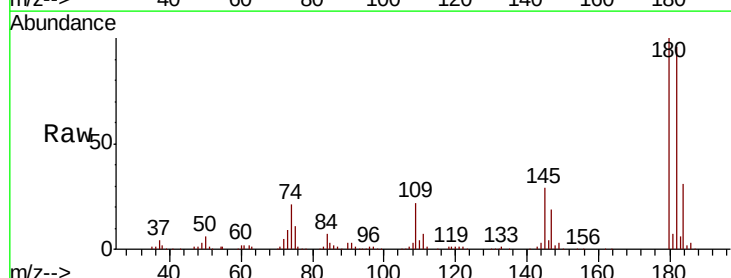
Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

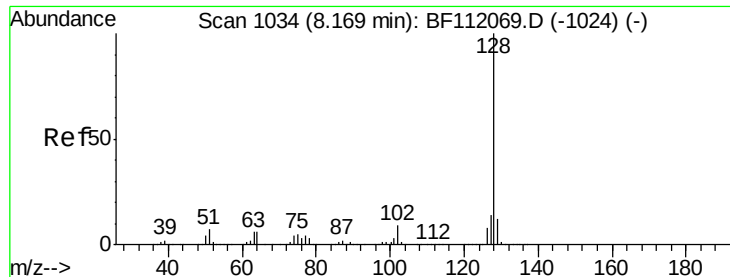
Tgt Ion:162 Resp: 358286  
Ion Ratio Lower Upper  
162 100  
164 63.4 44.6 84.6  
98 34.4 14.6 54.6



#30  
1,2,4-Trichlorobenzene  
Concen: 31.575 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Tgt Ion:180 Resp: 415633  
Ion Ratio Lower Upper  
180 100  
182 95.7 76.4 114.6  
145 29.4 25.0 37.4

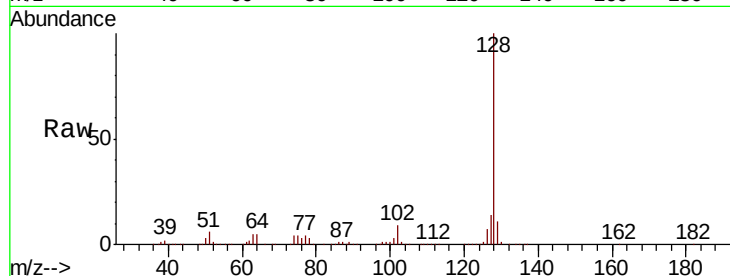




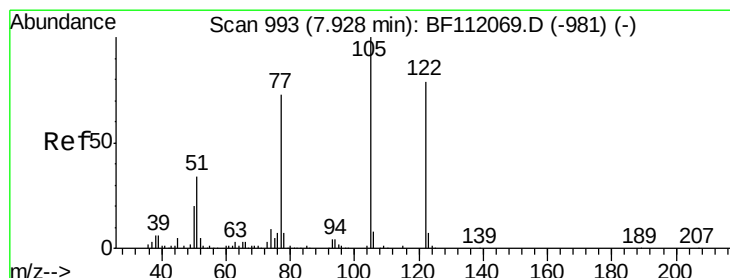
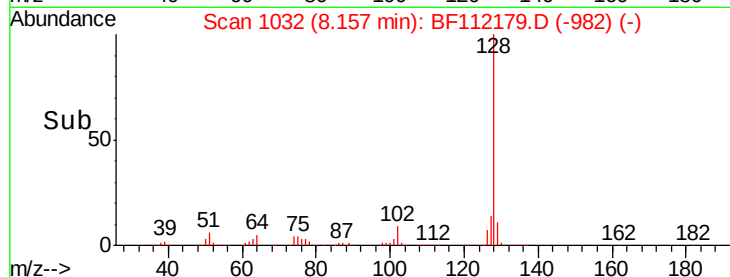
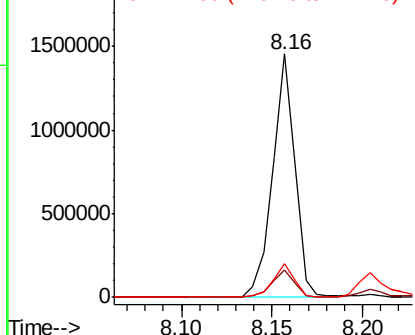
#31  
Naphthalene  
Concen: 33.934 ng  
RT: 8.16 min Scan# 1032  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

Tgt Ion:128 Resp: 1234913  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.6 14.4  
127 13.6 11.1 16.7

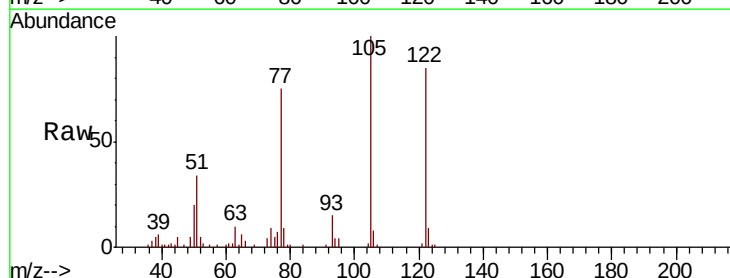


Abundance Ion 128.00 (127.70 to 128.70): E  
2000000 Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

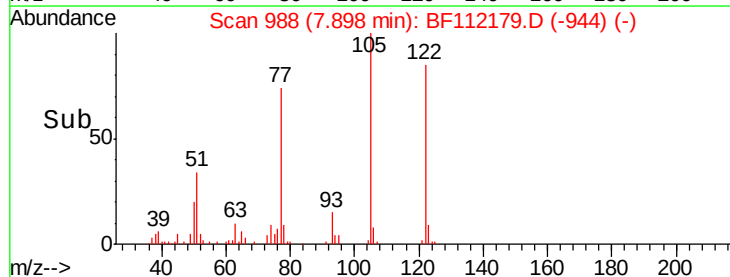
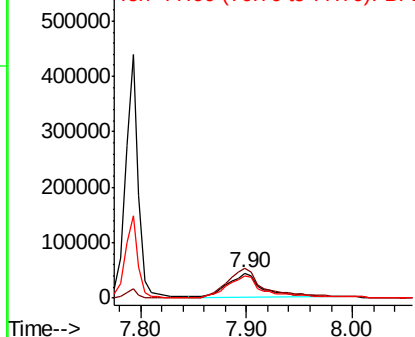


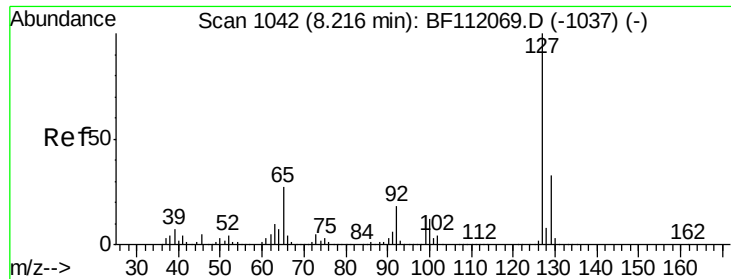
#32  
Benzoic acid  
Concen: 26.910 ng  
RT: 7.90 min Scan# 988  
Delta R.T. -0.04 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Tgt Ion:122 Resp: 97643  
Ion Ratio Lower Upper  
122 100  
105 117.5 101.2 141.2  
77 88.7 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E  
600000 Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1

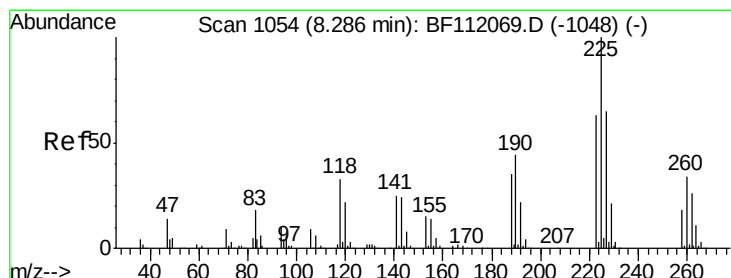
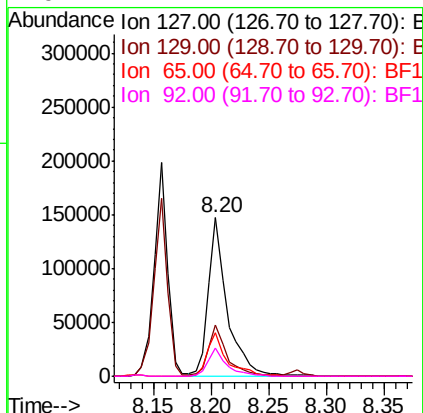
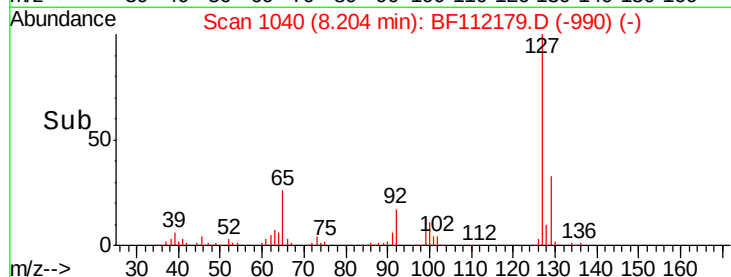
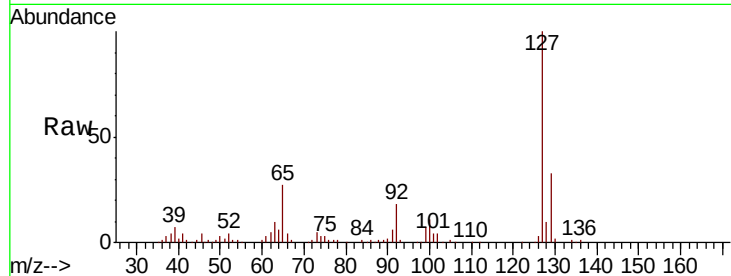




#33  
4-Chloroaniline  
Concen: 10.262 ng  
RT: 8.20 min Scan# 1040  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

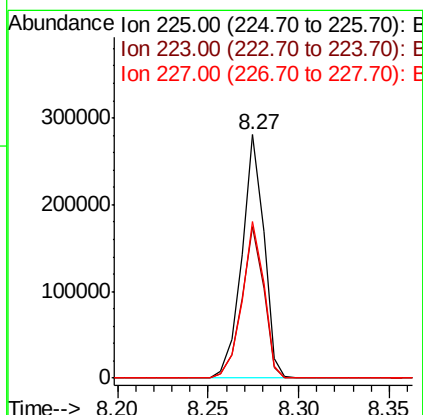
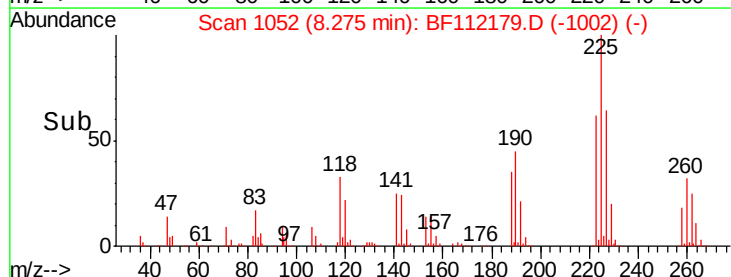
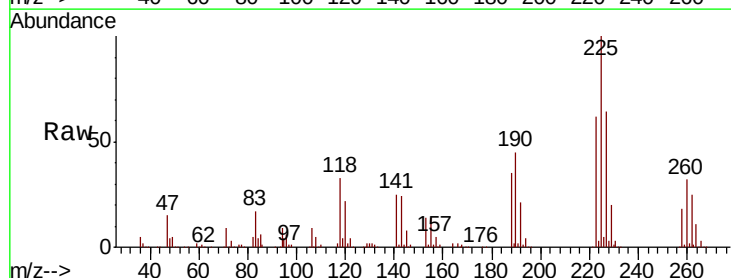
Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

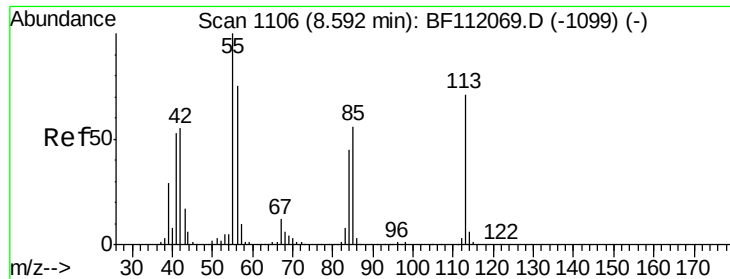
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 167838 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 26.6  | 39.8   |
| 65       | 27.2  | 21.4  | 32.2   |
| 92       | 17.7  | 14.2  | 21.2   |



#34  
Hexachlorobutadiene  
Concen: 32.242 ng  
RT: 8.27 min Scan# 1052  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 236190 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.3  | 50.3  | 75.5   |
| 227      | 64.5  | 51.8  | 77.8   |

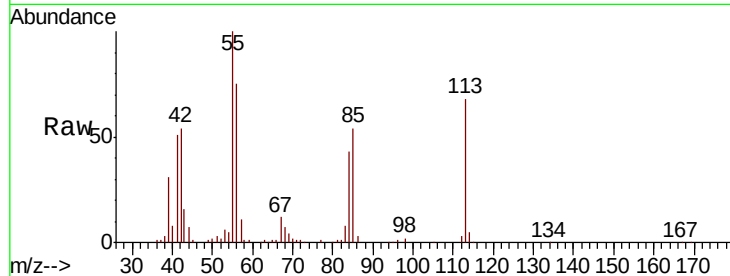




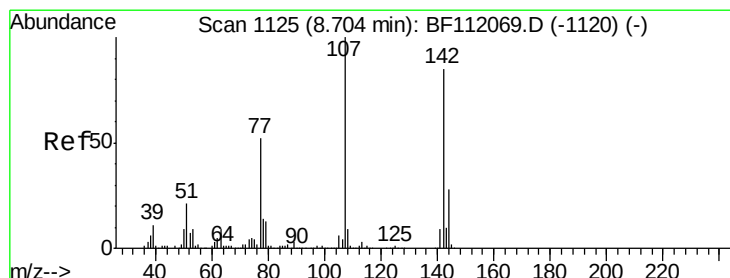
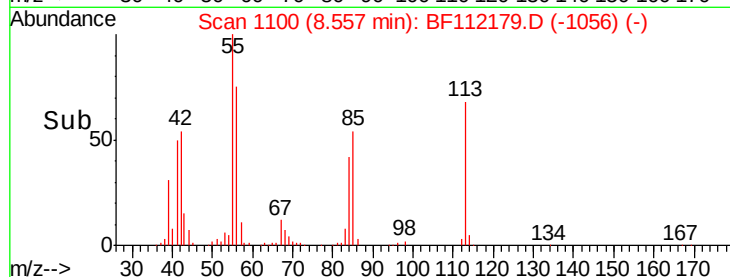
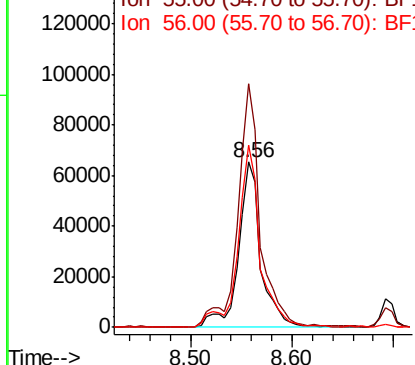
#35  
 Caprolactam  
 Concen: 25.055 ng  
 RT: 8.56 min Scan# 1100  
 Delta R.T. -0.04 min  
 Lab File: BF112179.D  
 Acq: 22 Jan 2019 1:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB116516BS

Tgt Ion:113 Resp: 99466  
 Ion Ratio Lower Upper  
 113 100  
 55 147.2 121.6 161.6  
 56 110.1 86.7 126.7

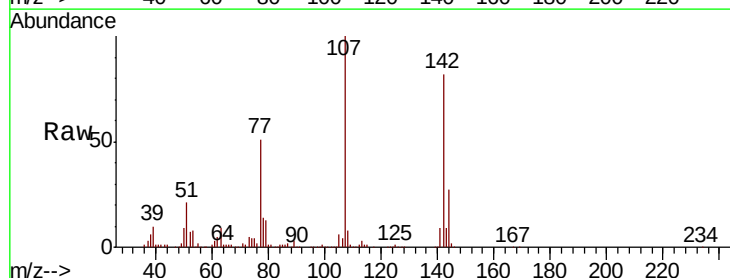


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

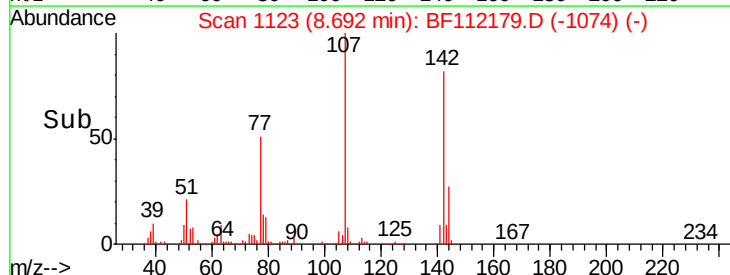
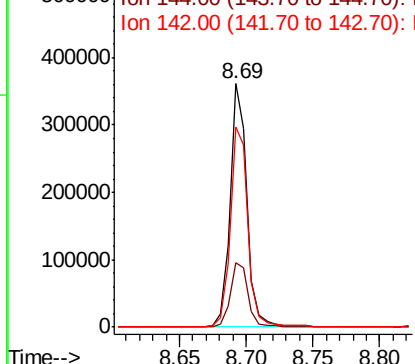


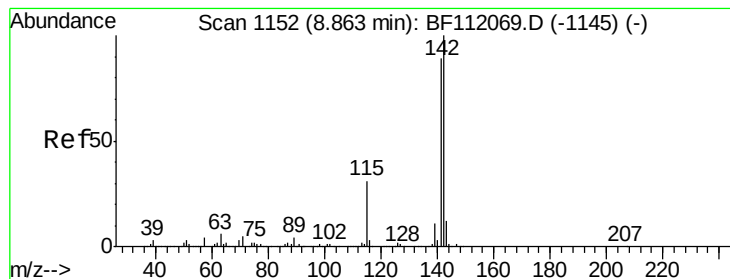
#36  
 4-Chloro-3-methylphenol  
 Concen: 29.175 ng  
 RT: 8.69 min Scan# 1123  
 Delta R.T. -0.01 min  
 Lab File: BF112179.D  
 Acq: 22 Jan 2019 1:44

Tgt Ion:107 Resp: 323219  
 Ion Ratio Lower Upper  
 107 100  
 144 26.5 22.2 33.2  
 142 81.9 67.7 101.5



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





#37

2-Methylnaphthalene

Concen: 33.135 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

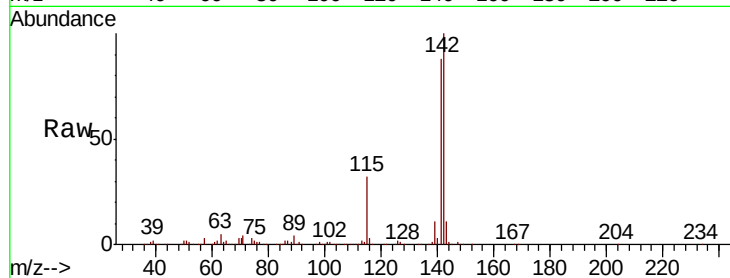
Tgt Ion:142 Resp: 818821

Ion Ratio Lower Upper

142 100

141 88.5 70.9 106.3

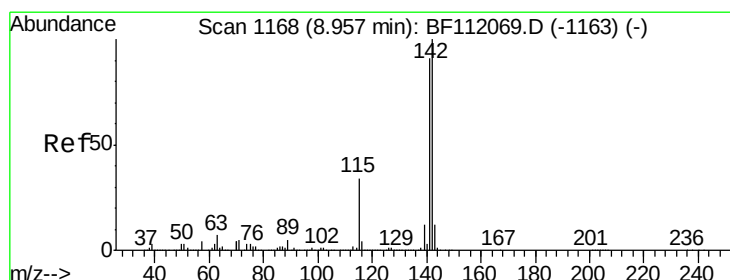
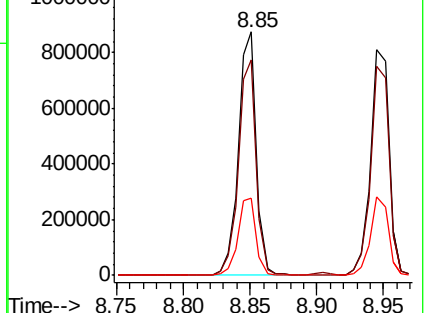
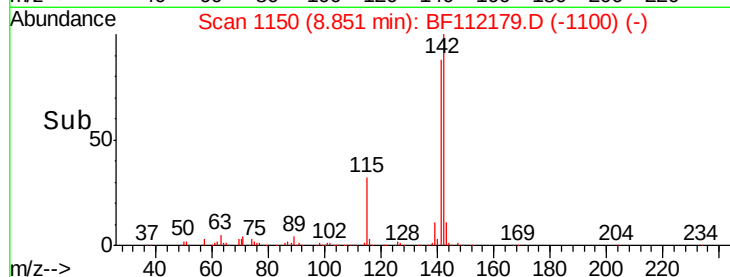
115 31.6 24.9 37.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 32.027 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

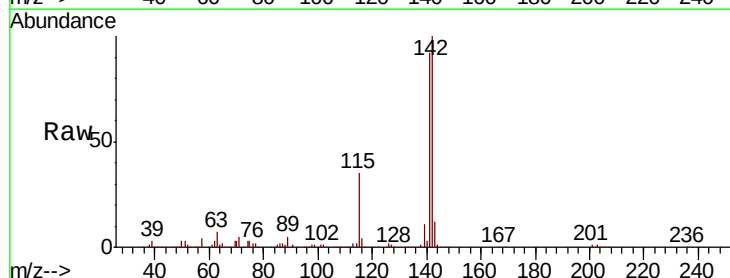
Tgt Ion:142 Resp: 760615

Ion Ratio Lower Upper

142 100

141 92.4 72.6 108.8

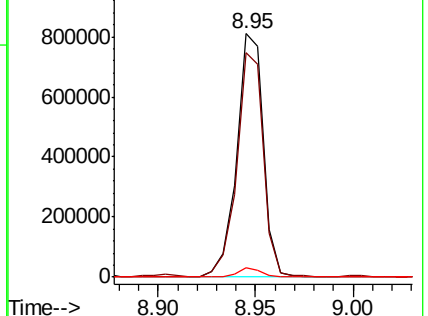
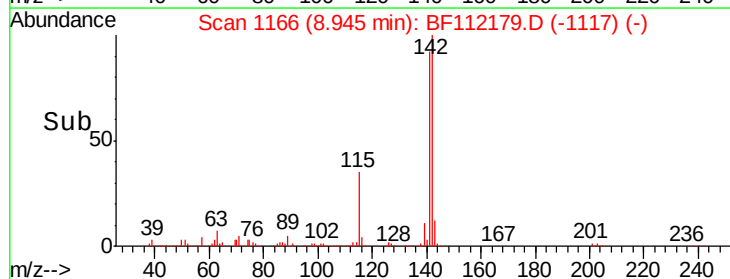
116 3.8 2.8 4.2

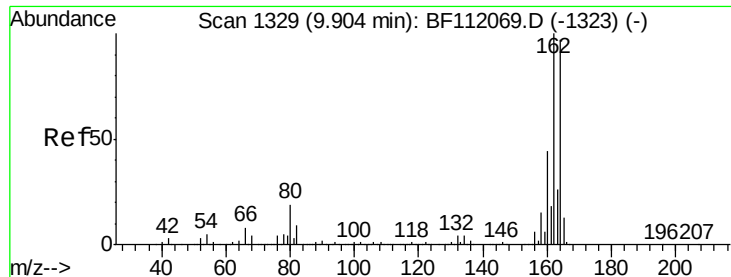


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

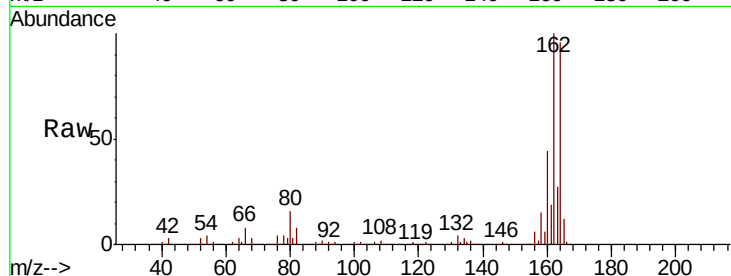




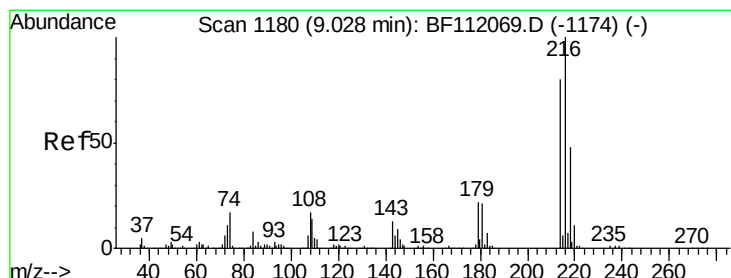
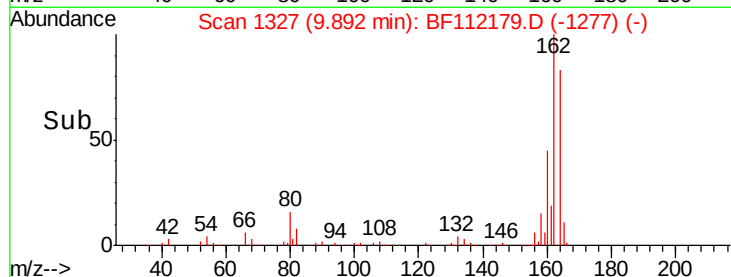
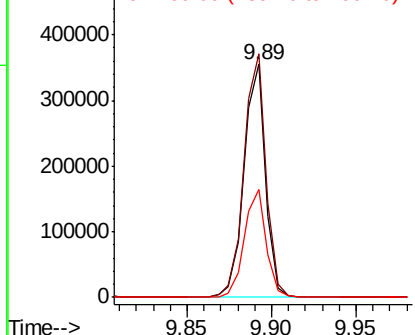
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

Tgt Ion:164 Resp: 315048  
Ion Ratio Lower Upper  
164 100  
162 104.4 82.2 123.4  
160 46.2 36.2 54.4

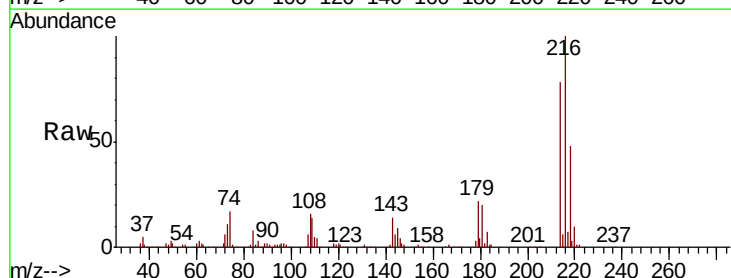


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

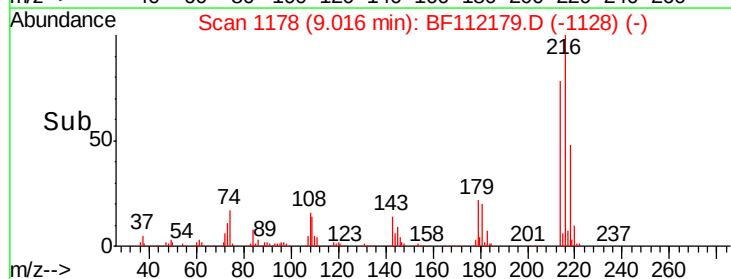
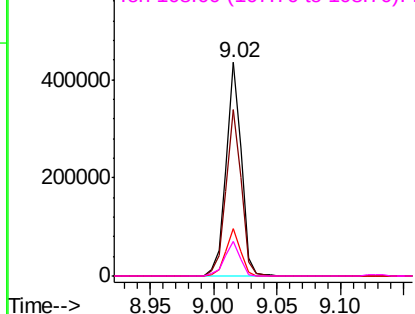


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 35.895 ng  
RT: 9.02 min Scan# 1178  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

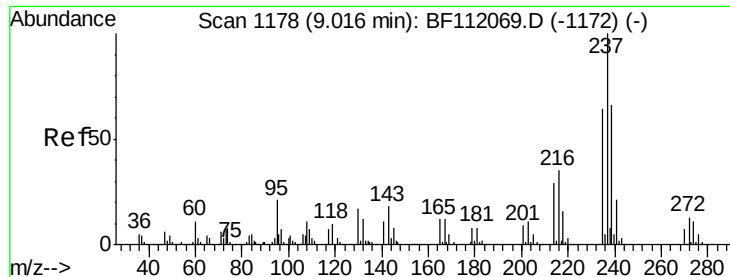
Tgt Ion:216 Resp: 363131  
Ion Ratio Lower Upper  
216 100  
214 78.6 63.8 95.6  
179 21.4 16.9 25.3  
108 16.7 14.2 21.4



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



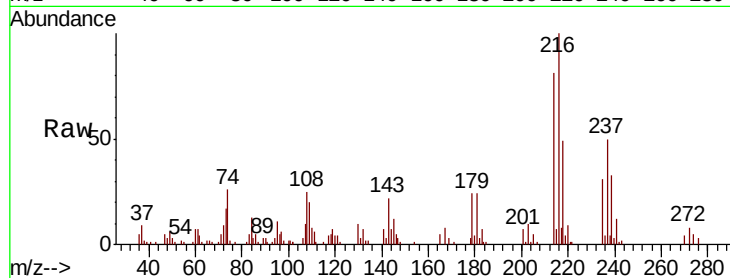




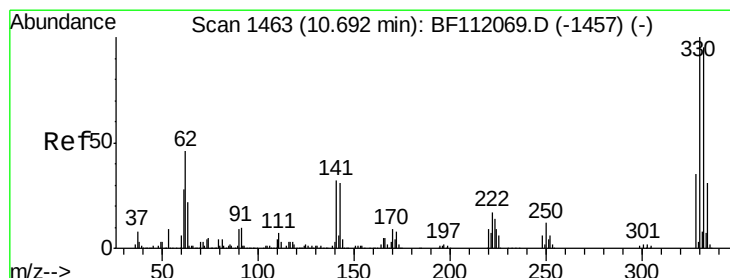
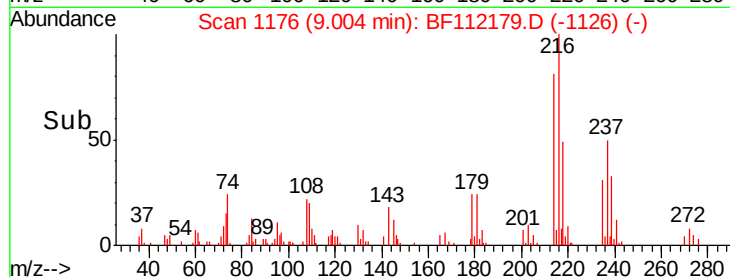
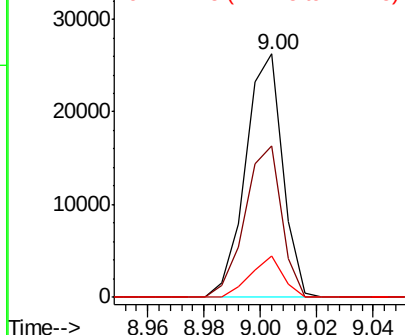
#41  
Hexachlorocyclopentadiene  
Concen: 13.201 ng  
RT: 9.00 min Scan# 1176  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

Tgt Ion: 237 Resp: 23944  
Ion Ratio Lower Upper  
237 100  
235 62.2 44.0 84.0  
272 16.9 0.0 33.3

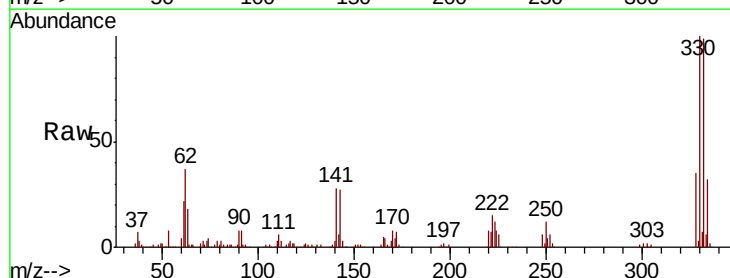


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

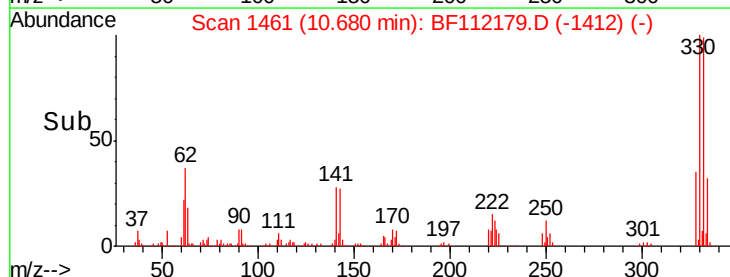
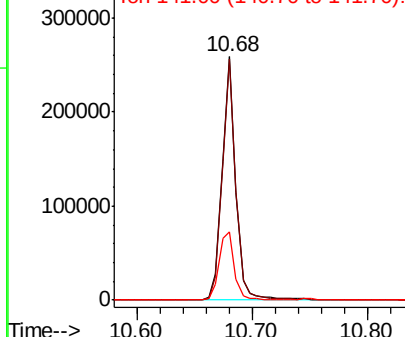


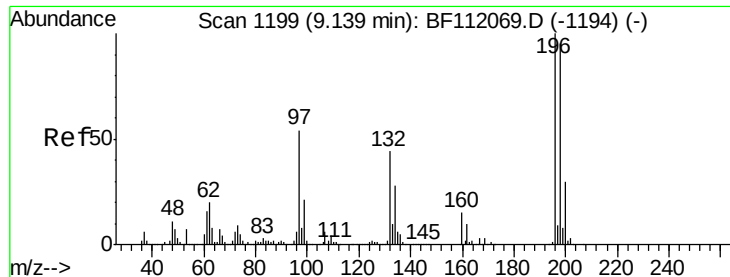
#42  
2,4,6-Tribromophenol  
Concen: 62.800 ng  
RT: 10.68 min Scan# 1461  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Tgt Ion: 330 Resp: 213436  
Ion Ratio Lower Upper  
330 100  
332 98.9 76.6 114.8  
141 31.8 24.3 36.5



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

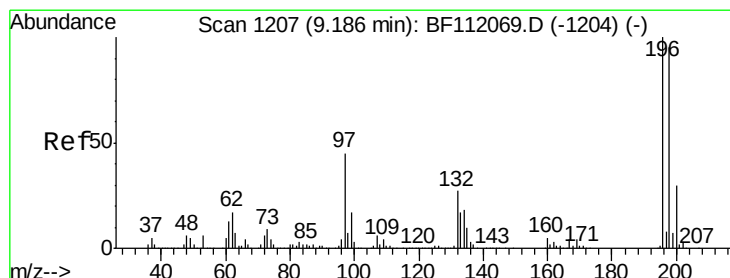
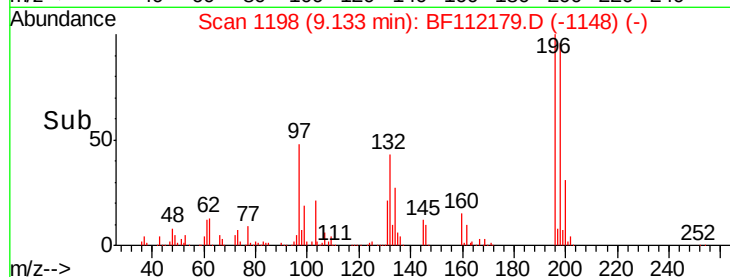
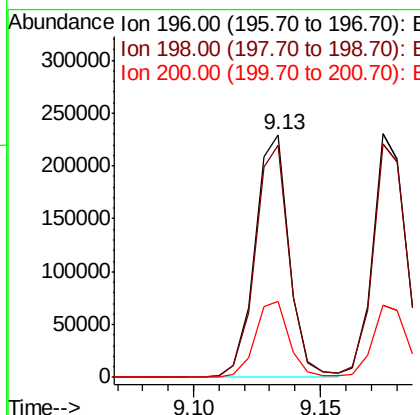
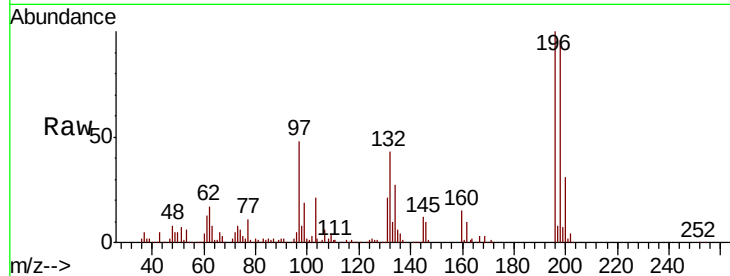




#43  
 2,4,6-Trichlorophenol  
 Concen: 35.955 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. -0.01 min  
 Lab File: BF112179.D  
 Acq: 22 Jan 2019 1:44

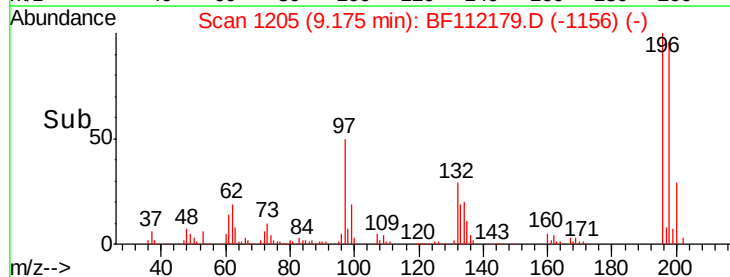
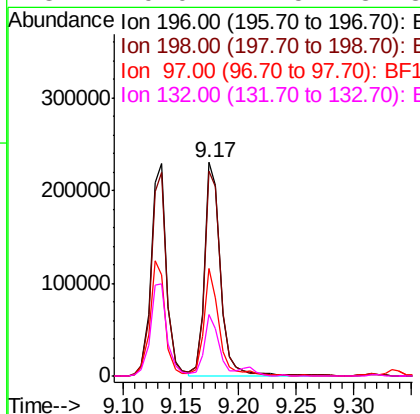
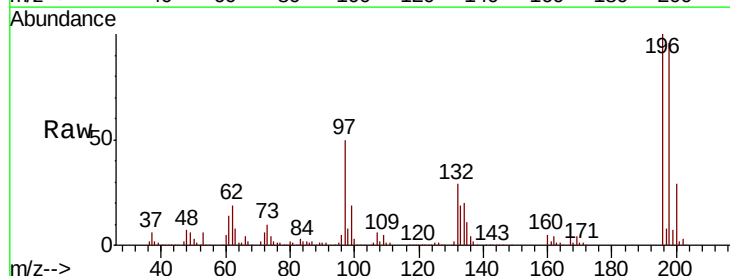
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB116516BS

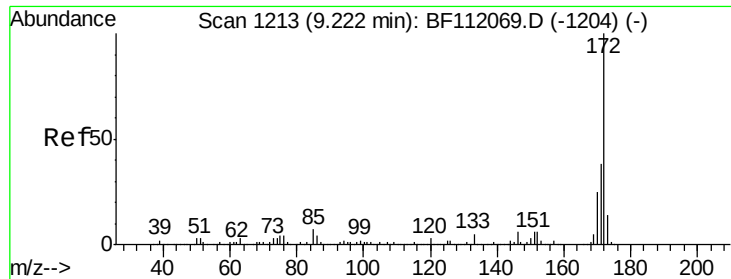
Tgt Ion:196 Resp: 217600  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 76.2 114.4  
 200 31.2 24.3 36.5



#44  
 2,4,5-Trichlorophenol  
 Concen: 34.417 ng  
 RT: 9.17 min Scan# 1205  
 Delta R.T. -0.01 min  
 Lab File: BF112179.D  
 Acq: 22 Jan 2019 1:44

Tgt Ion:196 Resp: 221839  
 Ion Ratio Lower Upper  
 196 100  
 198 95.9 76.0 114.0  
 97 50.4 36.4 54.6  
 132 29.0 21.5 32.3

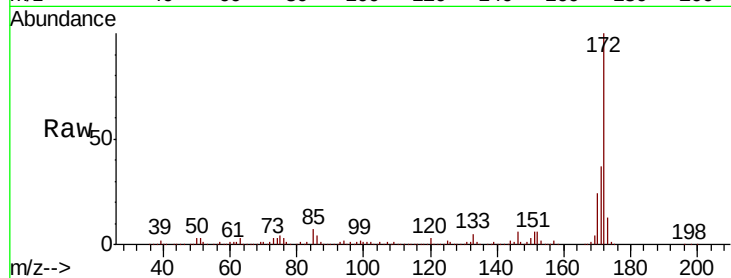




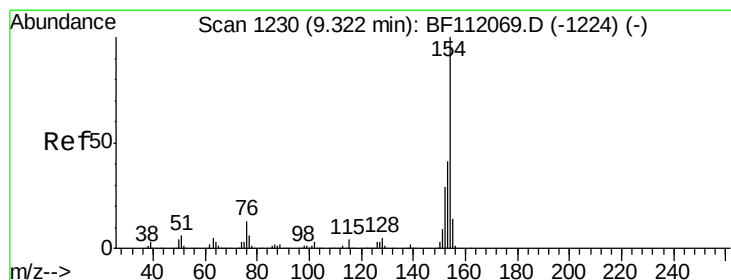
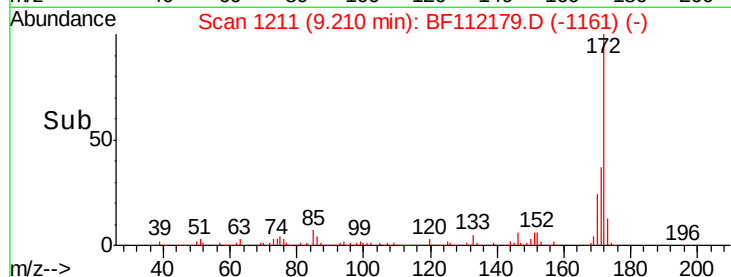
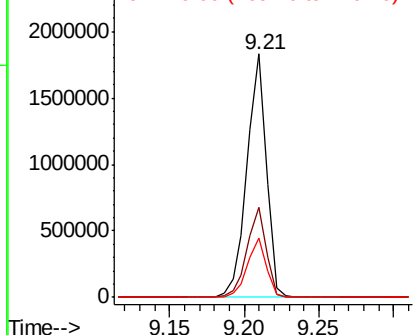
#45  
2-Fluorobiphenyl  
Concen: 77.051 ng  
RT: 9.21 min Scan# 1211  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

Tgt Ion:172 Resp: 1655720  
Ion Ratio Lower Upper  
172 100  
171 37.0 30.5 45.7  
170 24.4 20.2 30.4

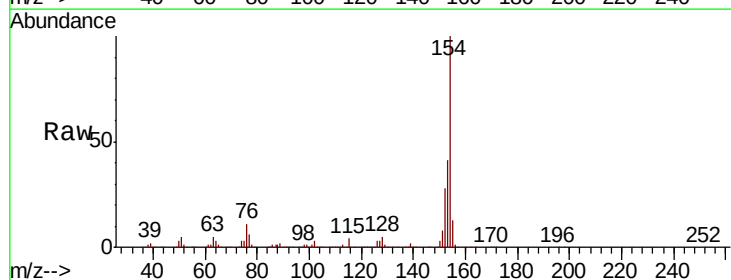


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

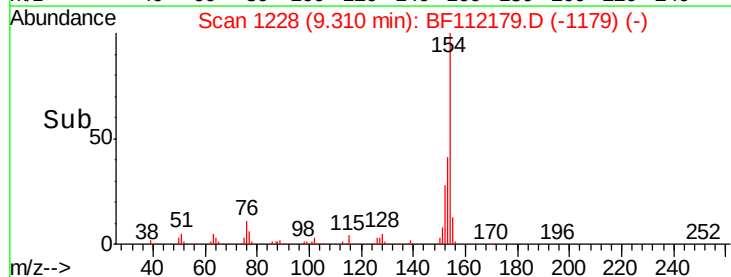
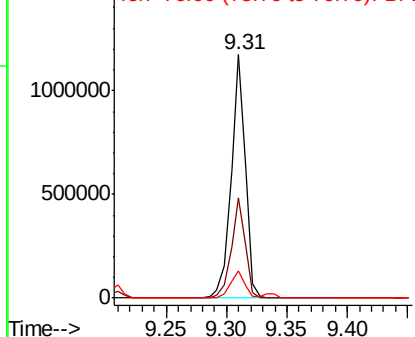


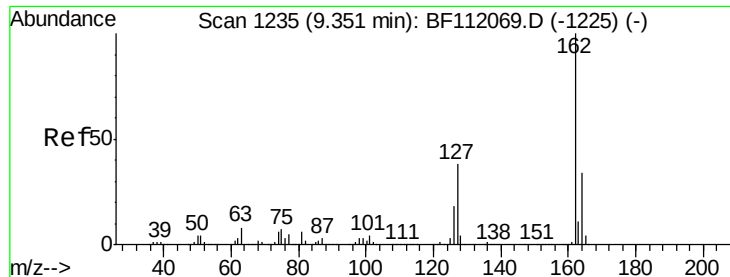
#46  
1,1'-Biphenyl  
Concen: 36.172 ng  
RT: 9.31 min Scan# 1228  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Tgt Ion:154 Resp: 952886  
Ion Ratio Lower Upper  
154 100  
153 41.0 21.5 61.5  
76 11.4 0.0 33.1



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

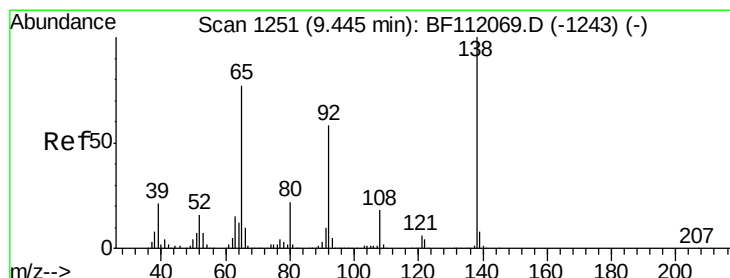
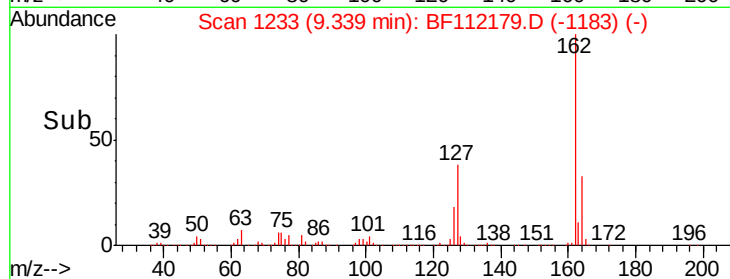
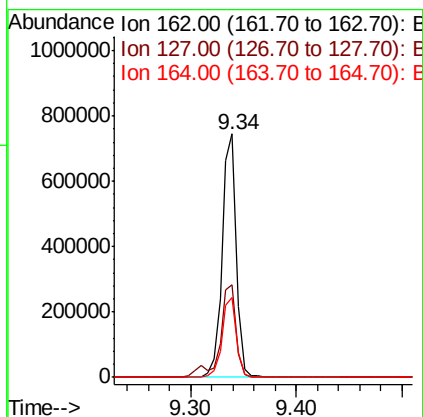
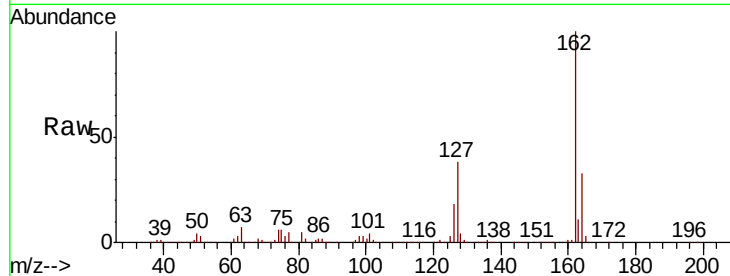




#47  
 2-Chloronaphthalene  
 Concen: 33.987 ng  
 RT: 9.34 min Scan# 1233  
 Delta R.T. -0.01 min  
 Lab File: BF112179.D  
 Acq: 22 Jan 2019 1:44

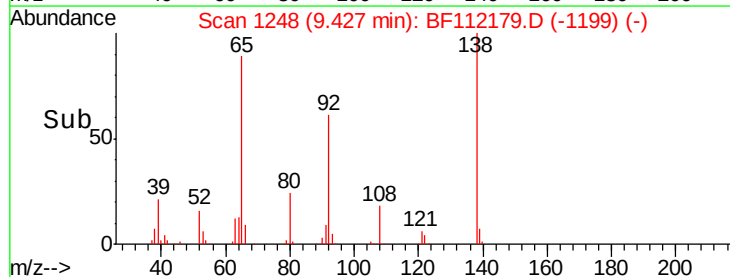
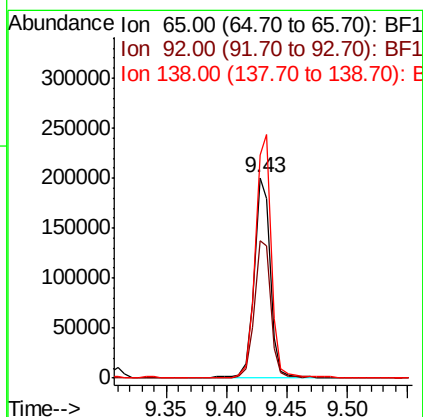
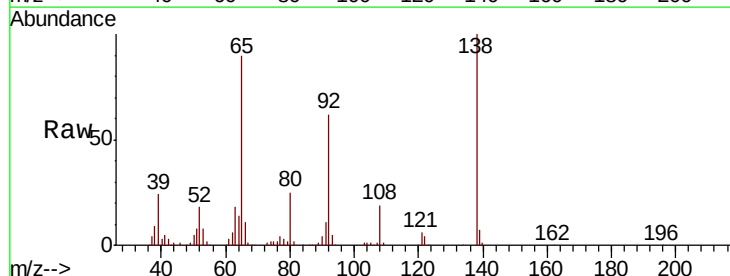
Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB116516BS

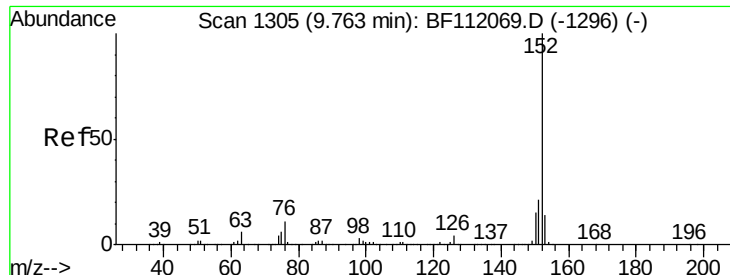
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.0  | 30.4  | 45.6  |
| 164     | 32.7  | 27.4  | 41.2  |



#48  
 2-Nitroaniline  
 Concen: 40.793 ng  
 RT: 9.43 min Scan# 1248  
 Delta R.T. -0.01 min  
 Lab File: BF112179.D  
 Acq: 22 Jan 2019 1:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.7  | 60.4  | 90.6  |
| 138     | 111.6 | 104.4 | 156.6 |





#49

Acenaphthylene

Concen: 35.107 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

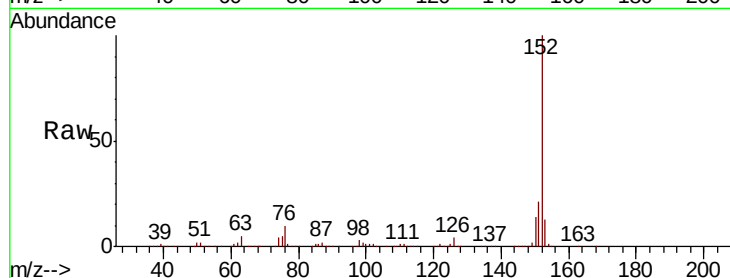
Tgt Ion:152 Resp: 1056419

Ion Ratio Lower Upper

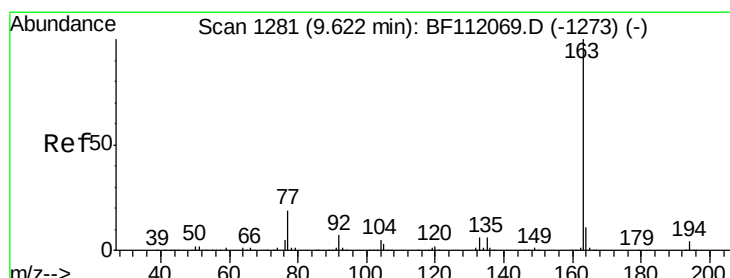
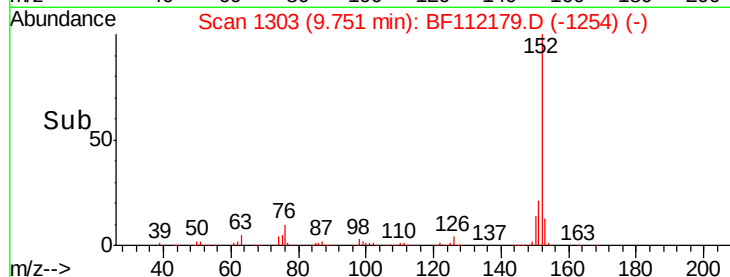
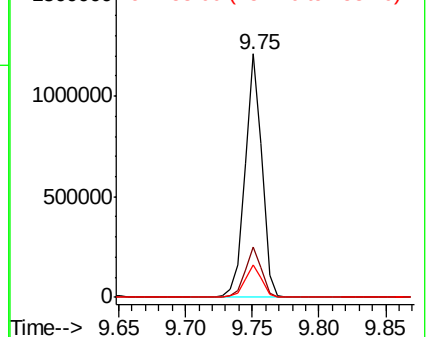
152 100

151 20.7 17.0 25.6

153 13.2 11.2 16.8



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: 37.349 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

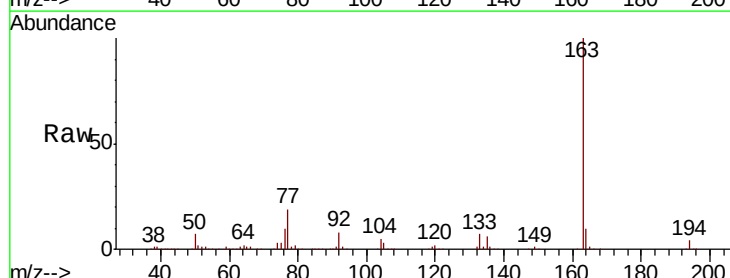
Tgt Ion:163 Resp: 858126

Ion Ratio Lower Upper

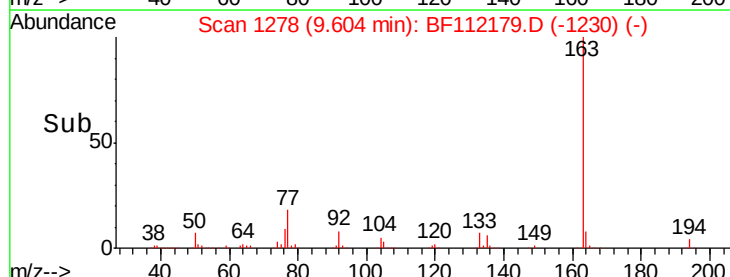
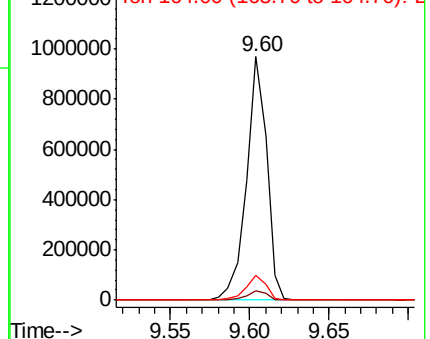
163 100

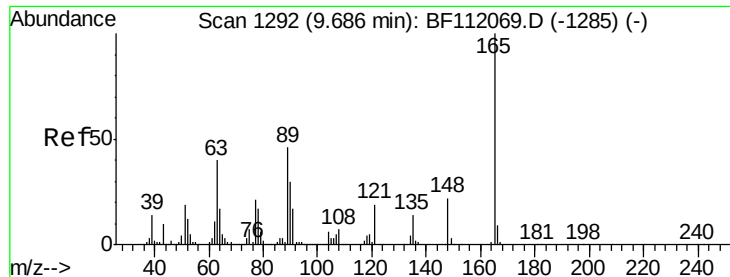
194 4.0 3.3 4.9

164 10.3 8.5 12.7



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

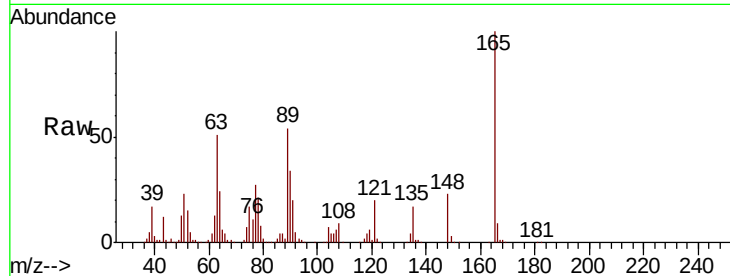




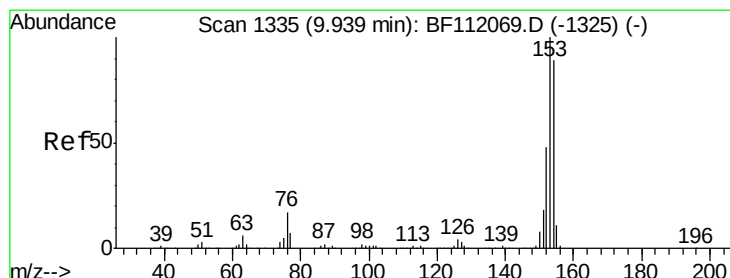
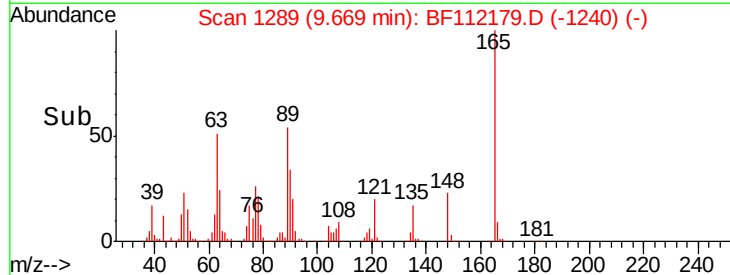
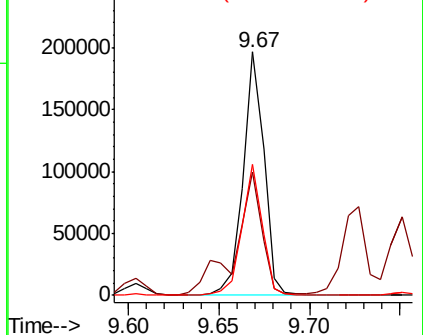
#51  
2,6-Dinitrotoluene  
Concen: 34.332 ng  
RT: 9.67 min Scan# 1289  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

Tgt Ion:165 Resp: 157529  
Ion Ratio Lower Upper  
165 100  
63 50.9 33.8 50.8#  
89 53.8 36.9 55.3

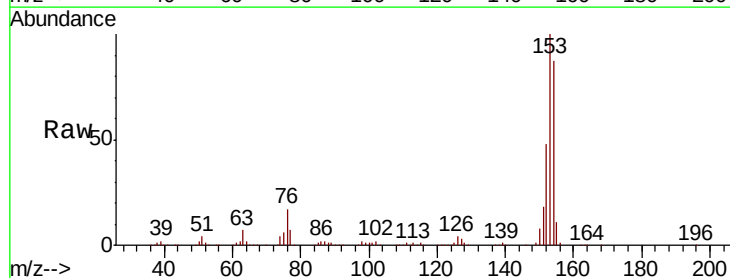


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

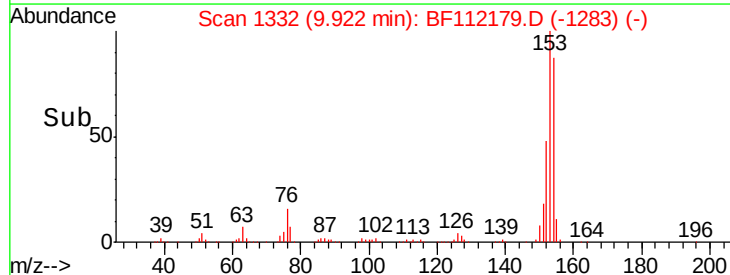
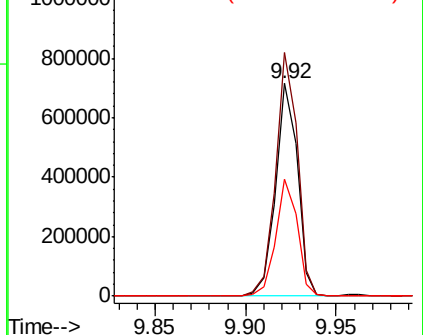


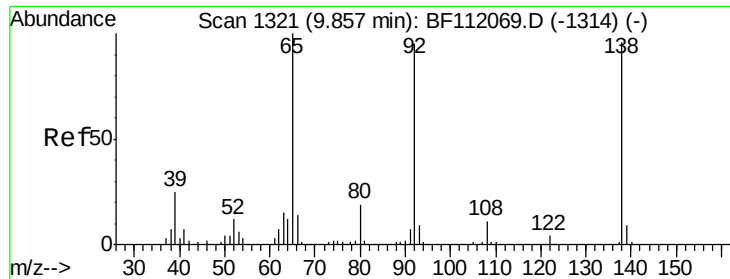
#52  
Acenaphthene  
Concen: 32.647 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Tgt Ion:154 Resp: 601071  
Ion Ratio Lower Upper  
154 100  
153 114.7 89.8 134.6  
152 54.9 43.5 65.3



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

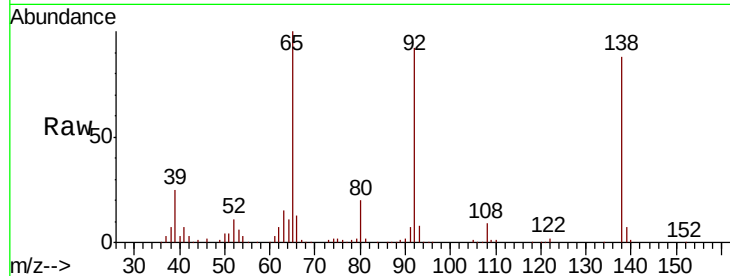




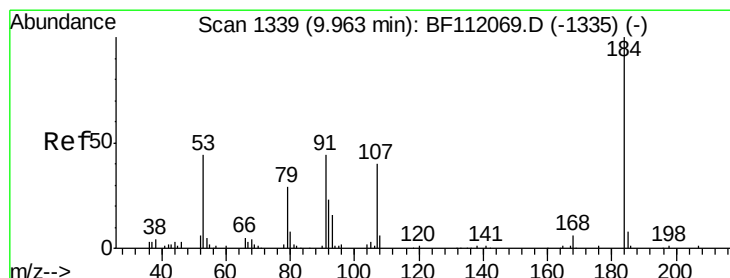
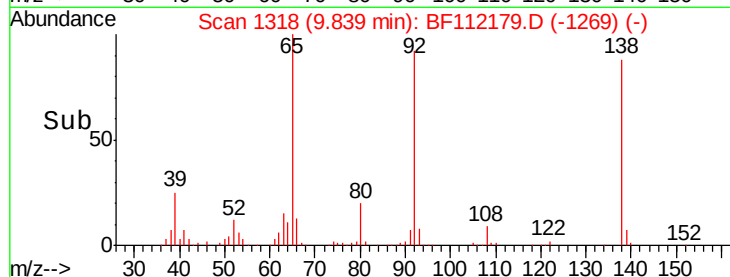
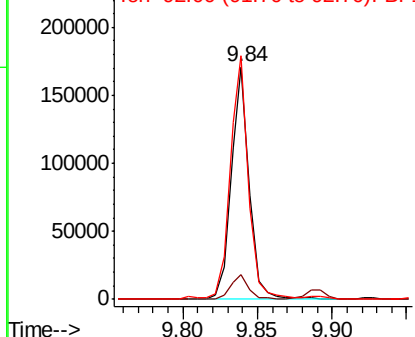
#53  
3-Nitroaniline  
Concen: 28.468 ng  
RT: 9.84 min Scan# 1318  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

Tgt Ion:138 Resp: 146071  
Ion Ratio Lower Upper  
138 100  
108 10.4 9.8 14.6  
92 104.8 79.4 119.2

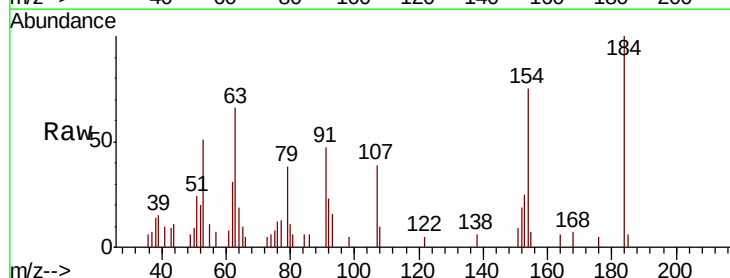


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

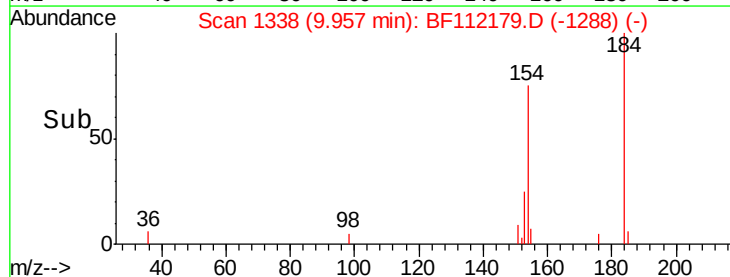
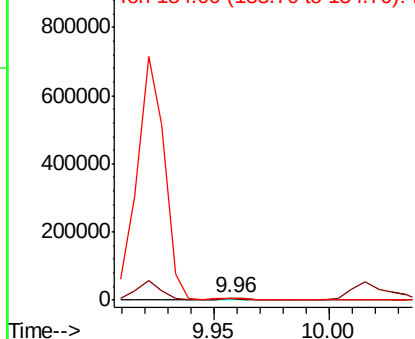


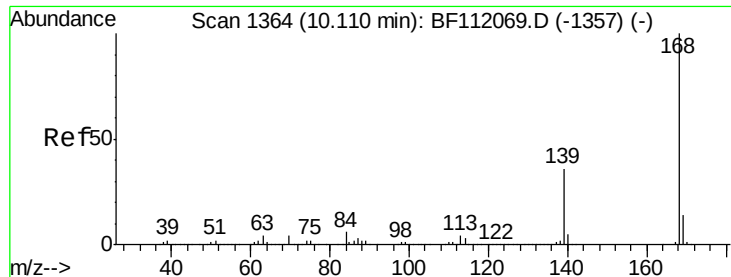
#54  
2,4-Dinitrophenol  
Concen: 15.136 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Tgt Ion:184 Resp: 7026  
Ion Ratio Lower Upper  
184 100  
63 66.3 47.1 70.7  
154 74.9 48.9 73.3#



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

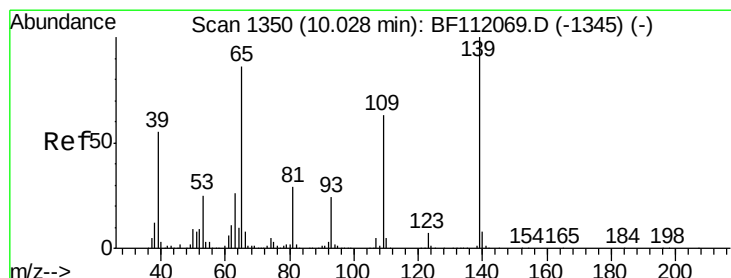
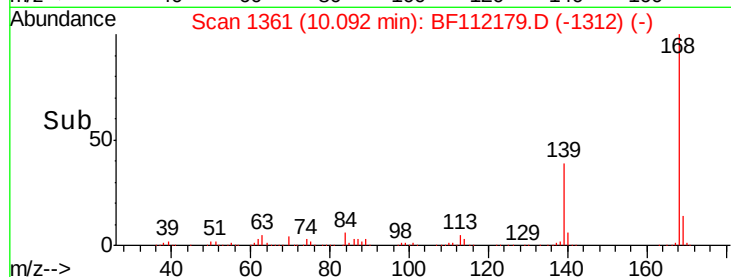
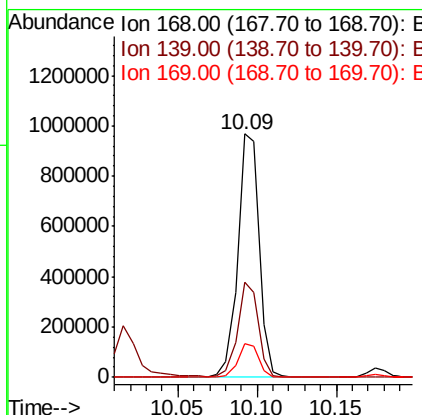
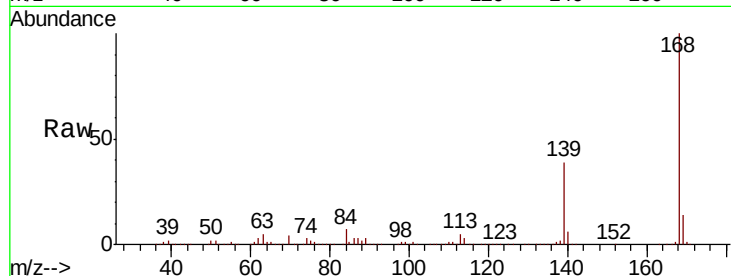




#55  
Dibenzenofuran  
Concen: 32.603 ng  
RT: 10.09 min Scan# 1361  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

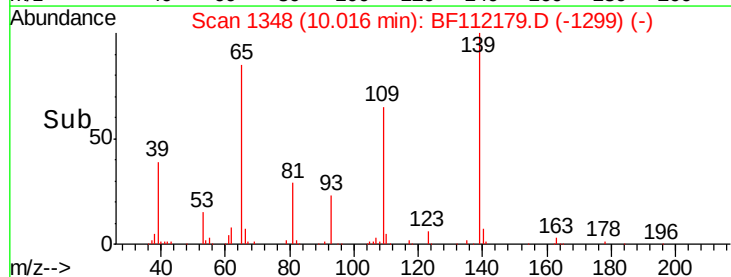
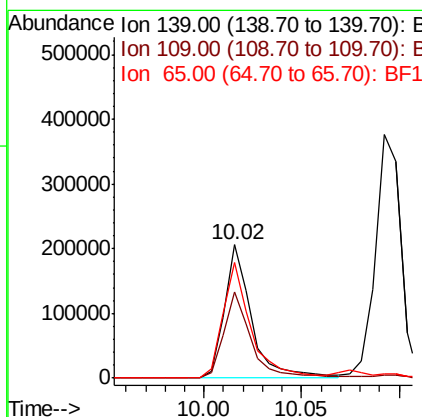
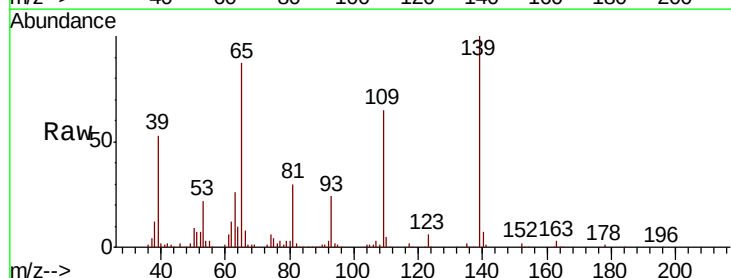
Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

Tgt Ion:168 Resp: 907763  
Ion Ratio Lower Upper  
168 100  
139 38.8 29.2 43.8  
169 13.9 11.4 17.0

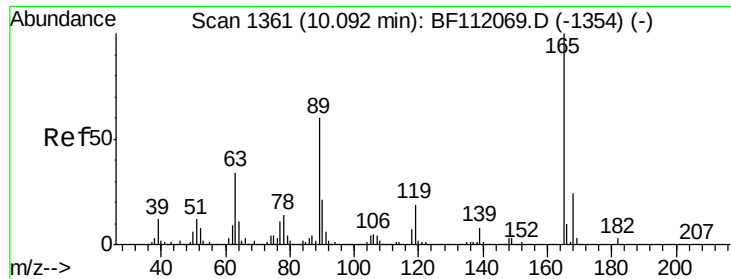


#56  
4-Nitrophenol  
Concen: 55.821 ng  
RT: 10.02 min Scan# 1348  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Tgt Ion:139 Resp: 197964  
Ion Ratio Lower Upper  
139 100  
109 64.8 42.8 82.8  
65 87.1 66.1 106.1







#57

2,4-Dinitrotoluene

Concen: 32.931 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

Tgt Ion:165 Resp: 184596

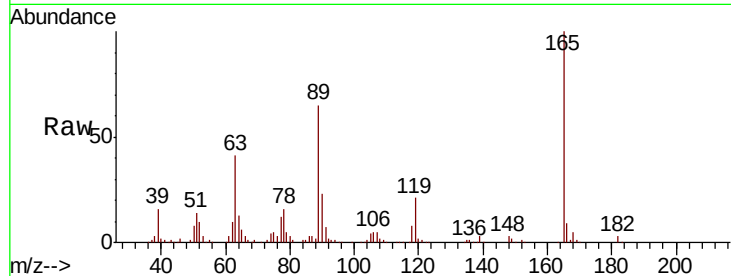
Ion Ratio Lower Upper

165 100

63 41.2 27.9 41.9

89 65.1 47.9 71.9

182 2.7 2.2 3.4

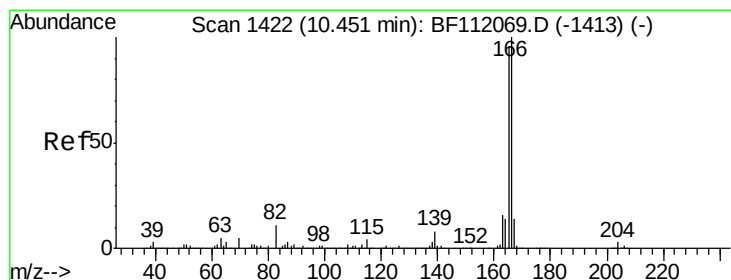
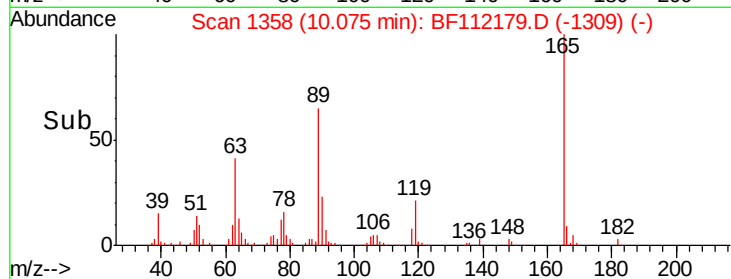
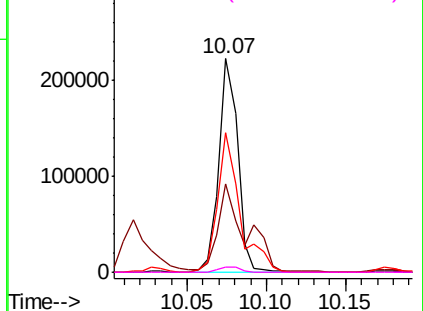


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 33.308 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

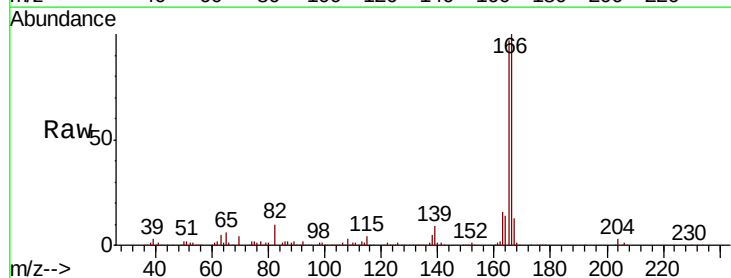
Tgt Ion:166 Resp: 692900

Ion Ratio Lower Upper

166 100

165 97.0 77.1 115.7

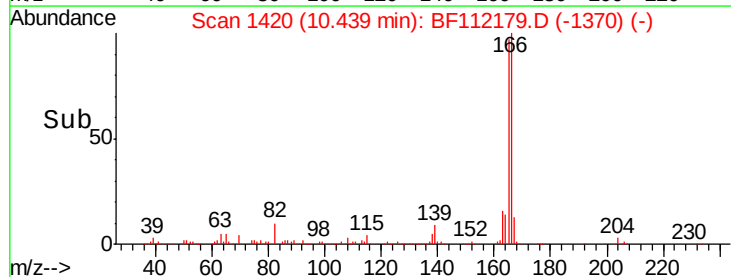
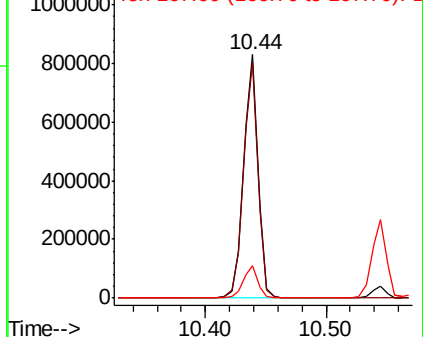
167 13.3 11.3 16.9

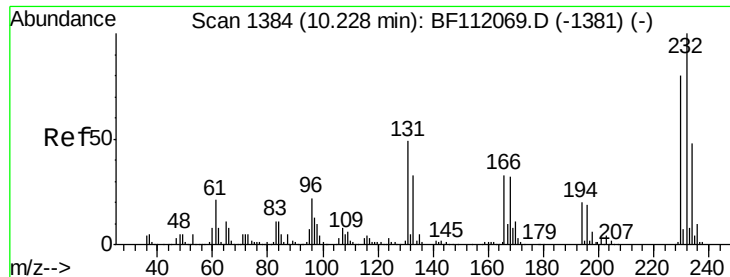


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

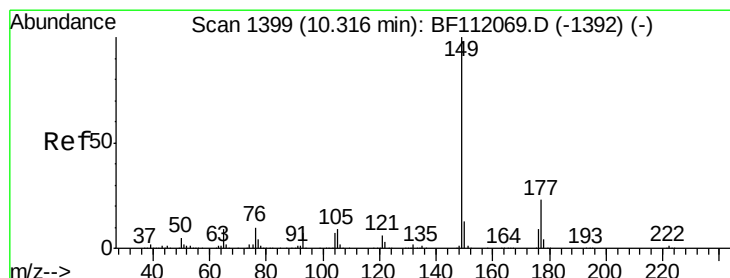
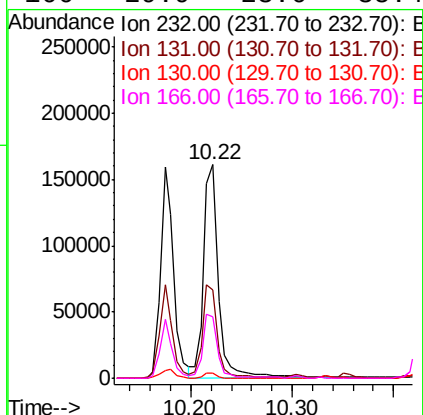
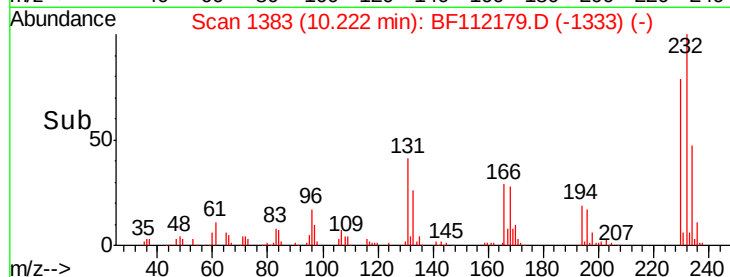
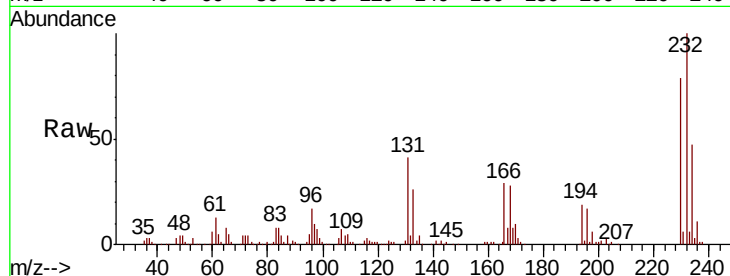




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 33.613 ng  
RT: 10.22 min Scan# 1383  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

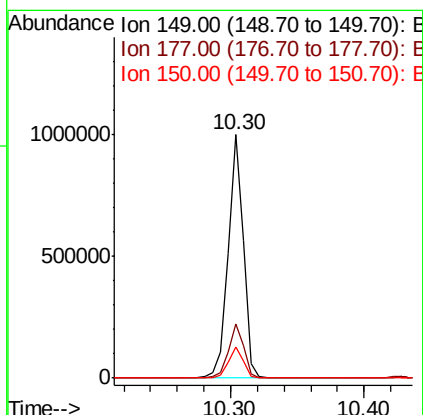
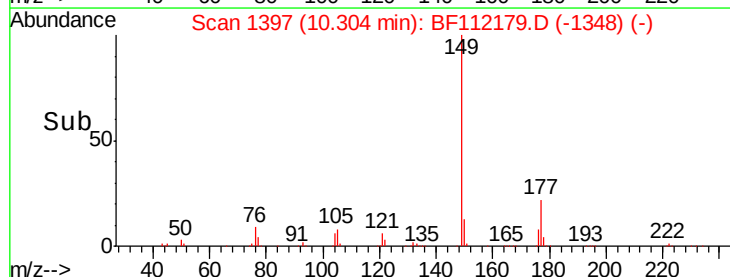
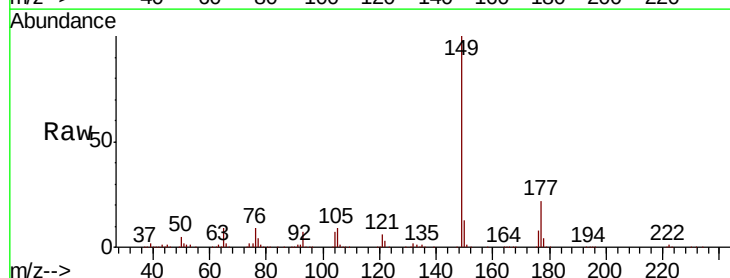
Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

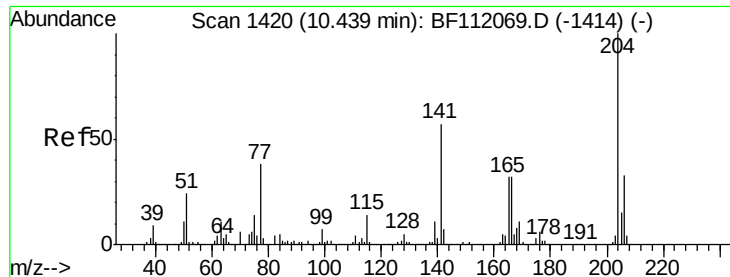
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 44.7  | 33.9  | 50.9  |
| 130     | 2.2   | 1.8   | 2.6   |
| 166     | 29.9  | 23.6  | 35.4  |



#60  
Diethylphthalate  
Concen: 35.968 ng  
RT: 10.30 min Scan# 1397  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.2  | 18.2  | 27.2  |
| 150     | 12.6  | 10.4  | 15.6  |





#61

4-Chlorophenyl-phenylether

Concen: 31.531 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

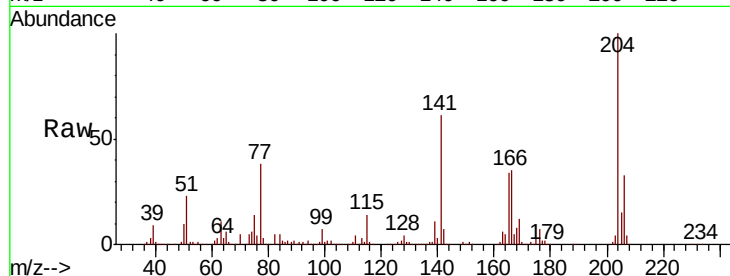
Tgt Ion:204 Resp: 353945

Ion Ratio Lower Upper

204 100

206 33.2 26.5 39.7

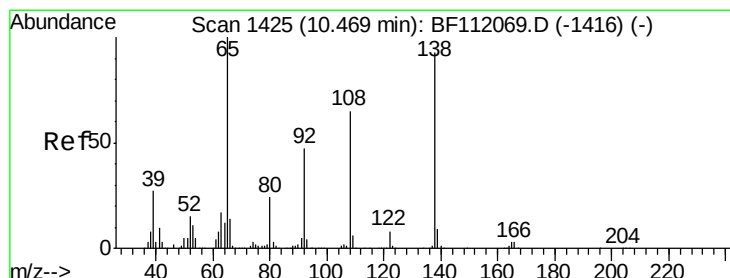
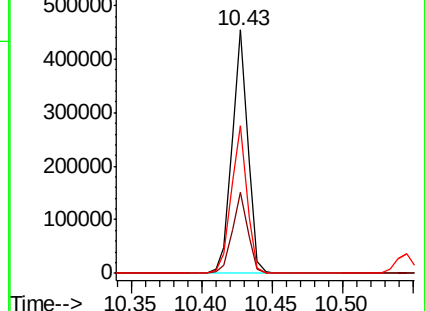
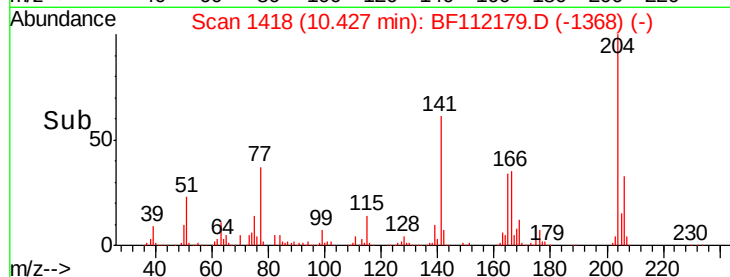
141 60.7 45.9 68.9



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: 33.123 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

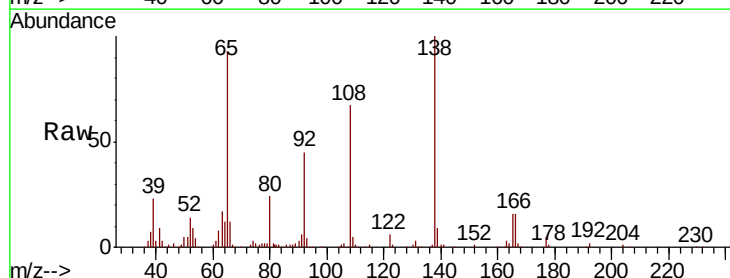
Tgt Ion:138 Resp: 168760

Ion Ratio Lower Upper

138 100

92 45.3 30.6 70.6

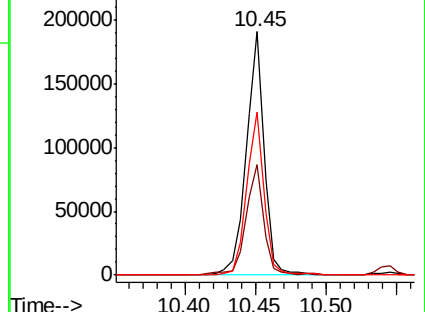
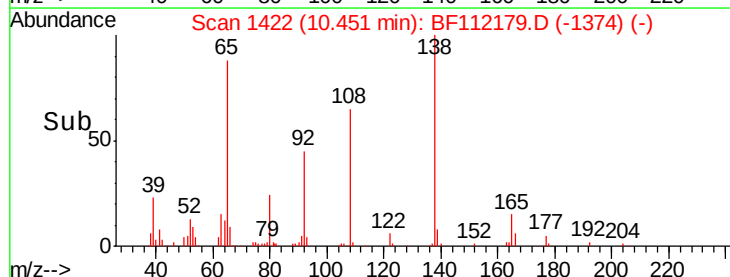
108 67.1 50.0 90.0

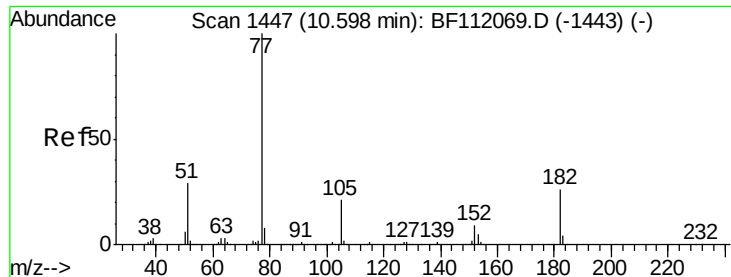


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 29.415 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

Tgt Ion: 77 Resp: 631756

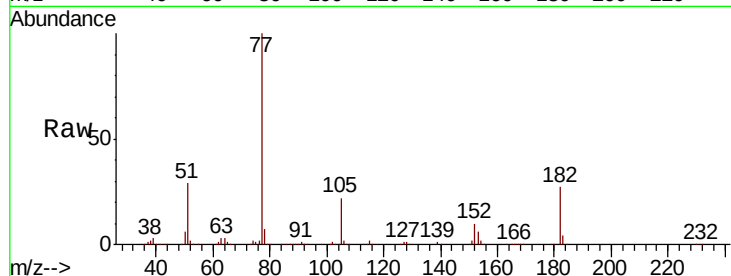
Ion Ratio Lower Upper

77 100

182 27.4 5.7 45.7

105 21.7 1.4 41.4

51 28.6 9.5 49.5

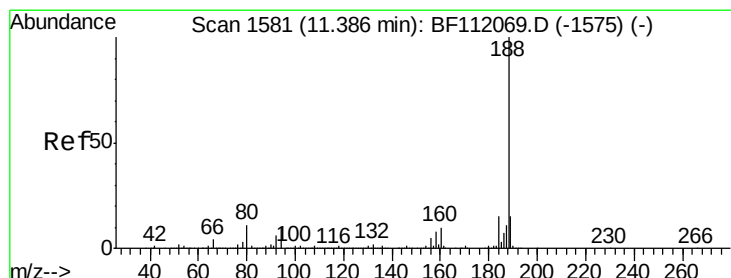
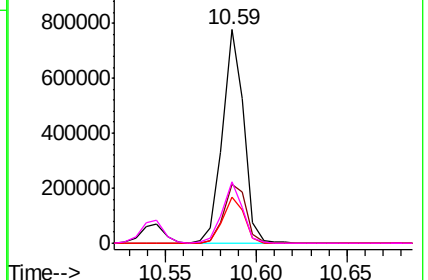
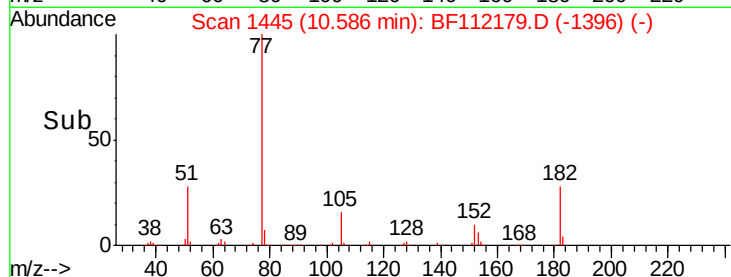


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

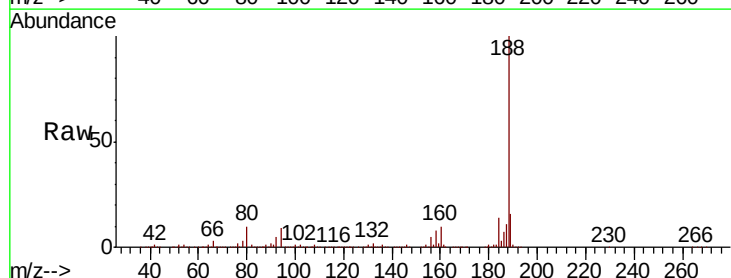
Tgt Ion: 188 Resp: 542158

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.2

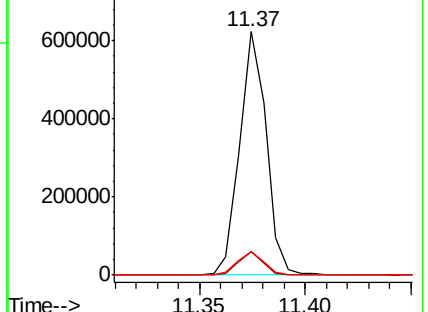
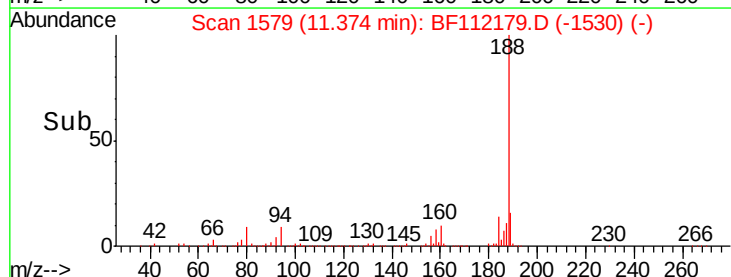
80 9.5 8.9 13.3

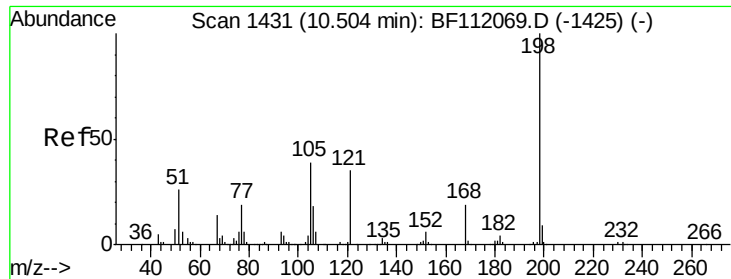


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 13.434 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

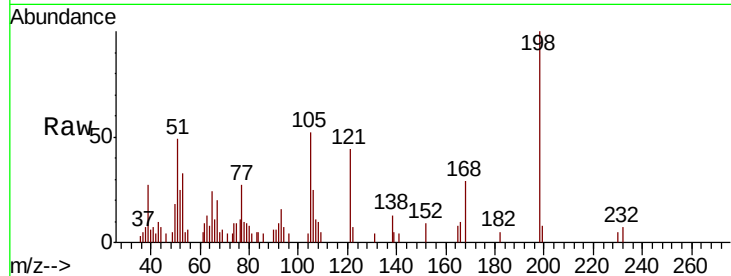
Tgt Ion:198 Resp: 9628

Ion Ratio Lower Upper

198 100

51 49.5 17.2 57.2

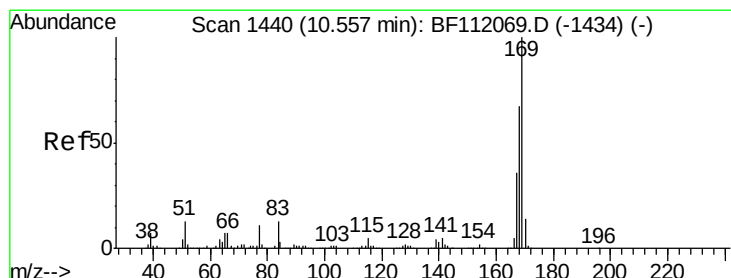
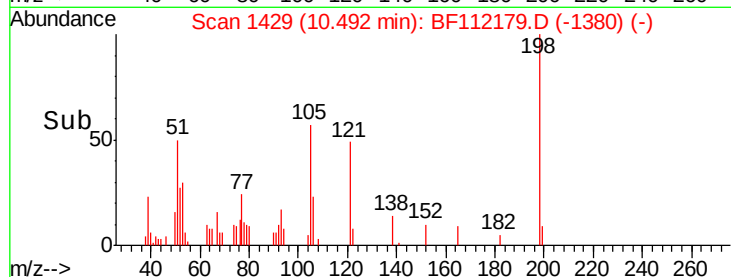
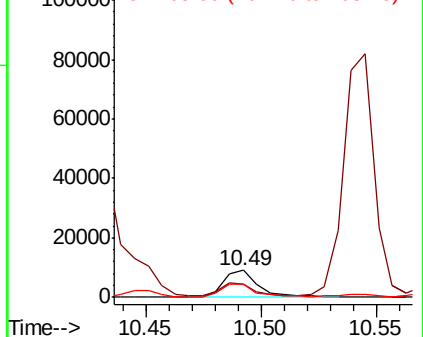
105 51.6 21.9 61.9



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: 34.147 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

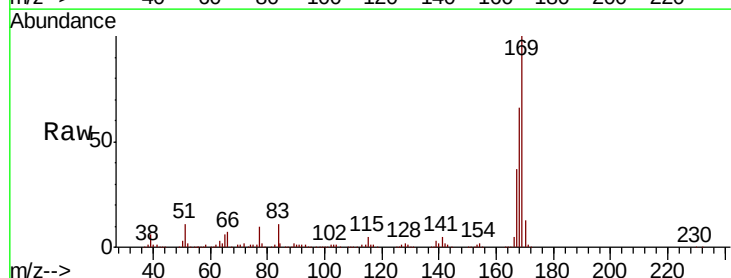
Tgt Ion:169 Resp: 612026

Ion Ratio Lower Upper

169 100

168 66.3 53.9 80.9

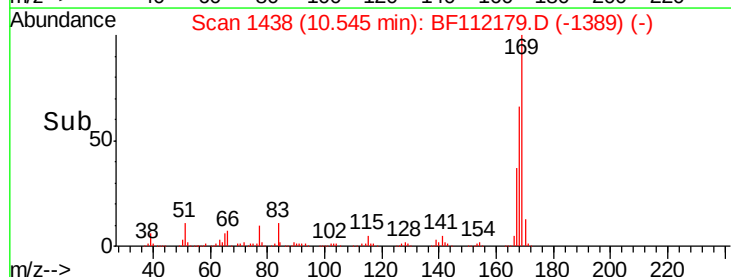
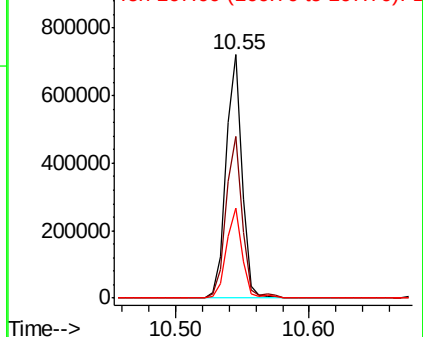
167 36.9 28.9 43.3

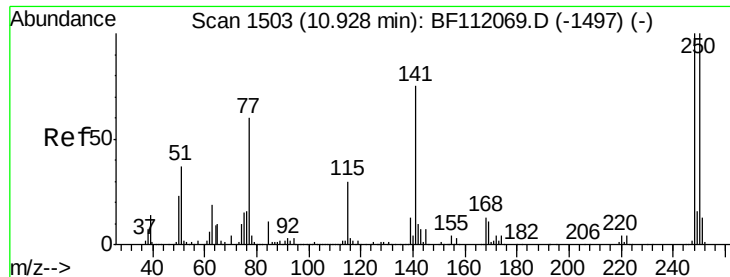


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

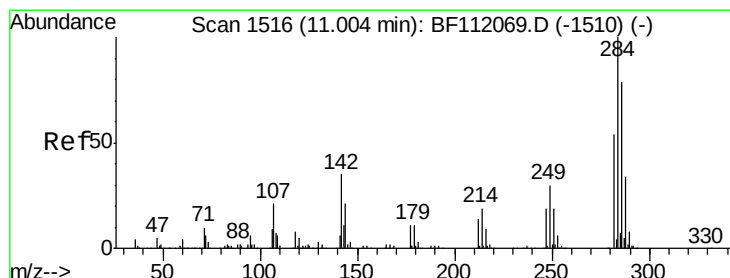
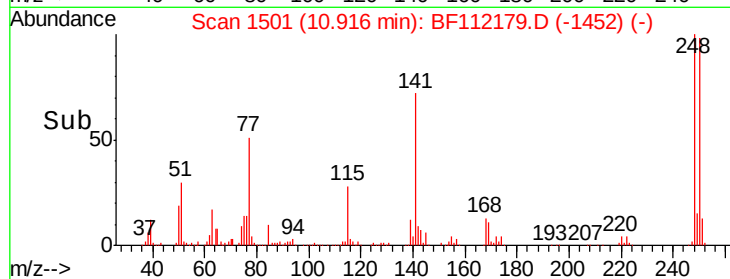
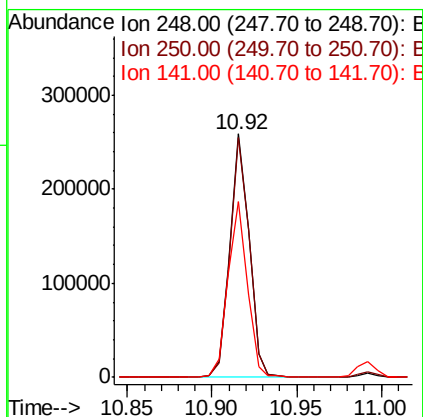
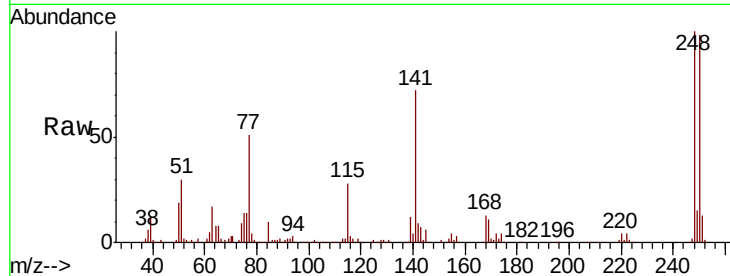




#67  
 4-Bromophenyl-phenylether  
 Concen: 32.615 ng  
 RT: 10.92 min Scan# 1501  
 Delta R.T. -0.01 min  
 Lab File: BF112179.D  
 Acq: 22 Jan 2019 1:44

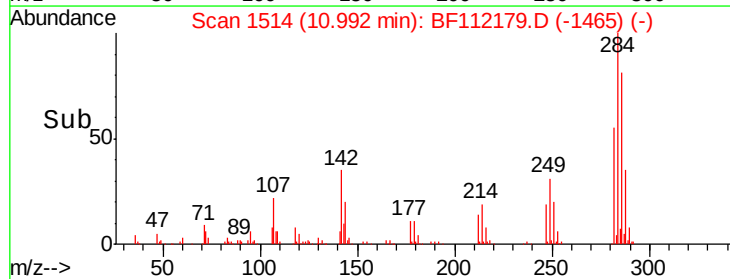
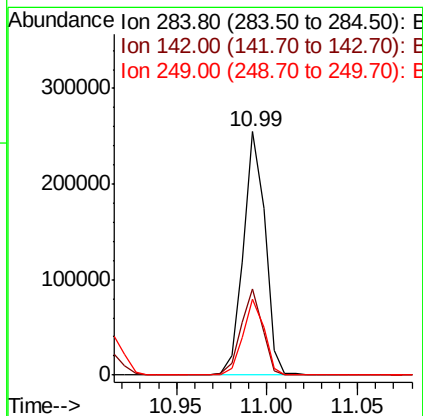
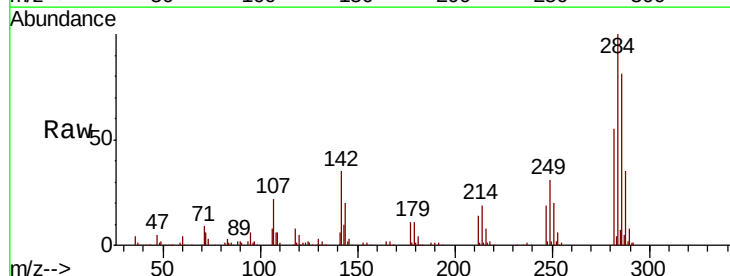
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB116516BS

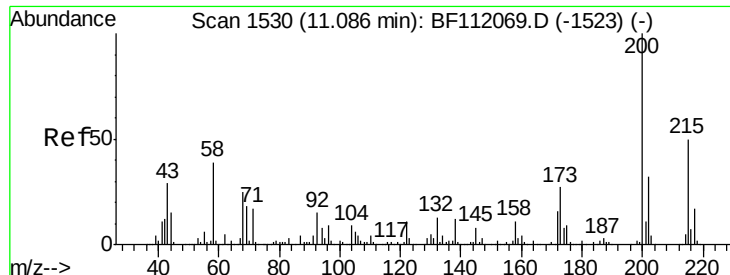
Tgt Ion: 248 Resp: 205390  
 Ion Ratio Lower Upper  
 248 100  
 250 98.2 79.7 119.5  
 141 72.4 60.3 90.5



#68  
 Hexachlorobenzene  
 Concen: 31.268 ng  
 RT: 10.99 min Scan# 1514  
 Delta R.T. -0.01 min  
 Lab File: BF112179.D  
 Acq: 22 Jan 2019 1:44

Tgt Ion: 284 Resp: 212112  
 Ion Ratio Lower Upper  
 284 100  
 142 35.4 27.6 41.4  
 249 31.3 24.1 36.1





#69

Atrazine

Concen: 34.420 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

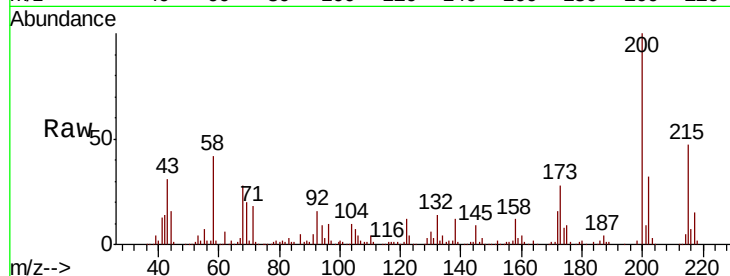
Tgt Ion:200 Resp: 199072

Ion Ratio Lower Upper

200 100

173 28.1 7.1 47.1

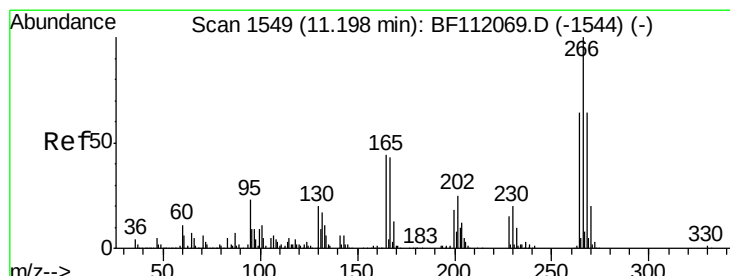
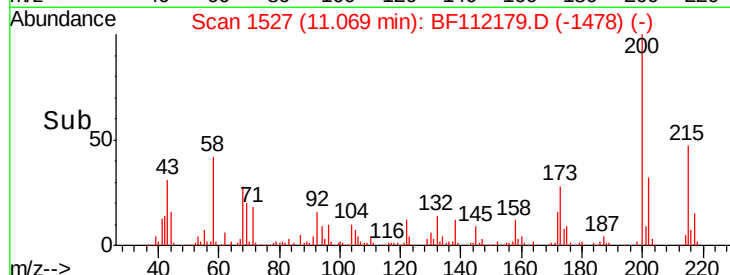
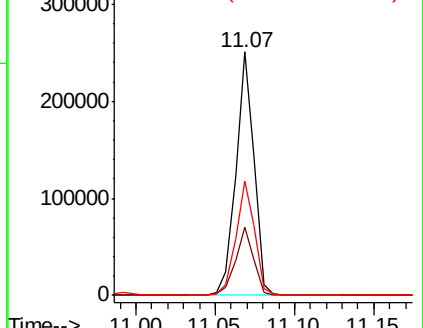
215 47.0 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 54.070 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

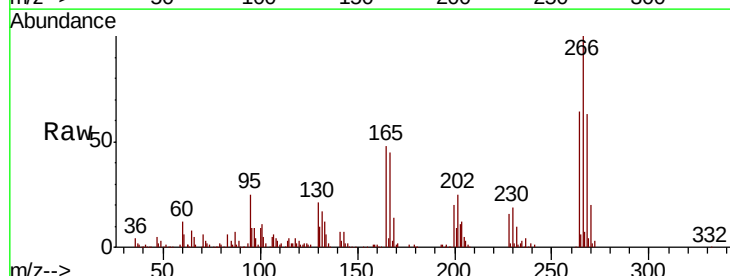
Tgt Ion:266 Resp: 169368

Ion Ratio Lower Upper

266 100

268 63.3 51.2 76.8

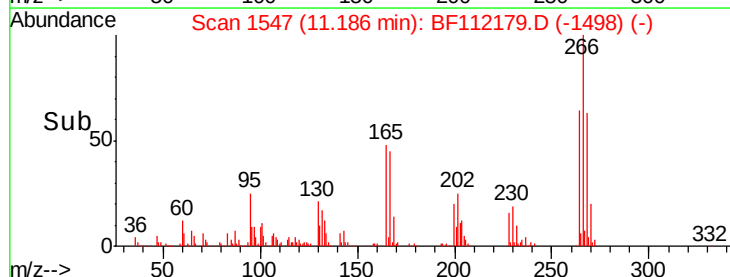
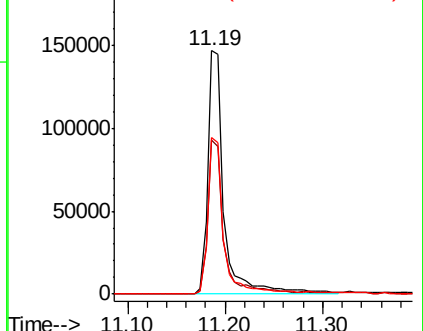
264 64.1 50.9 76.3

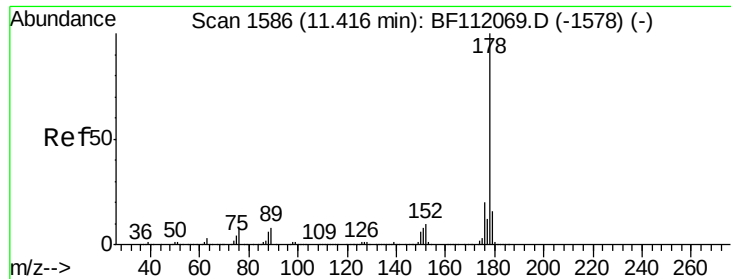


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

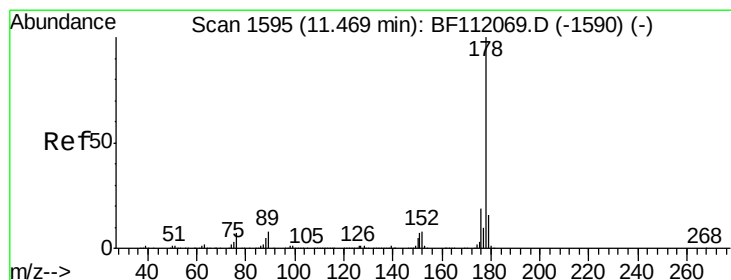
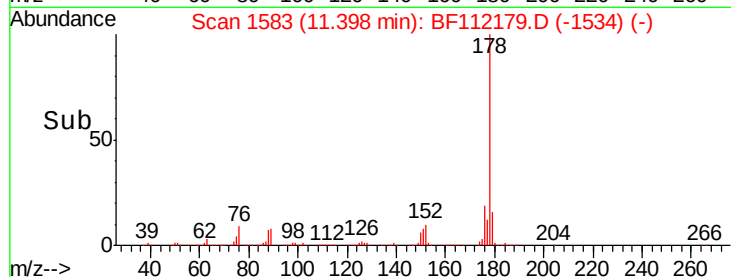
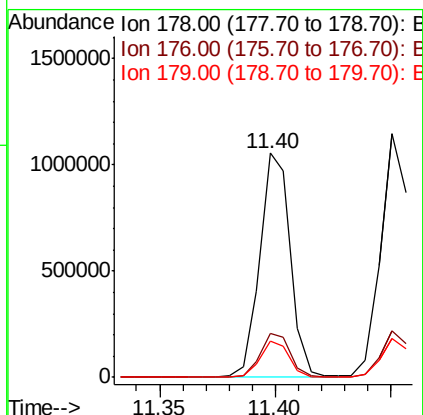
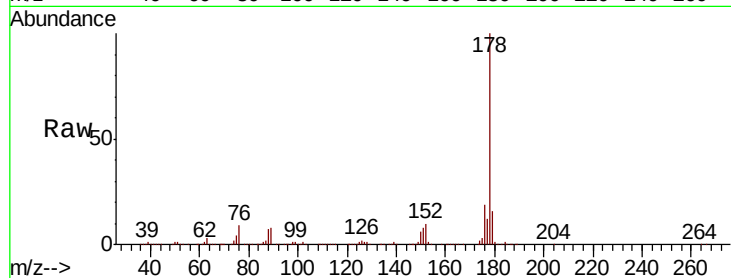




#71  
Phenanthrene  
Concen: 35.715 ng  
RT: 11.40 min Scan# 1583  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

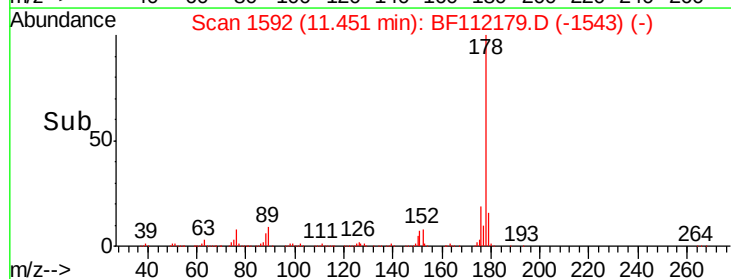
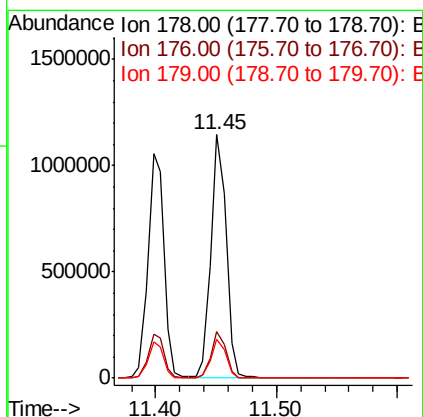
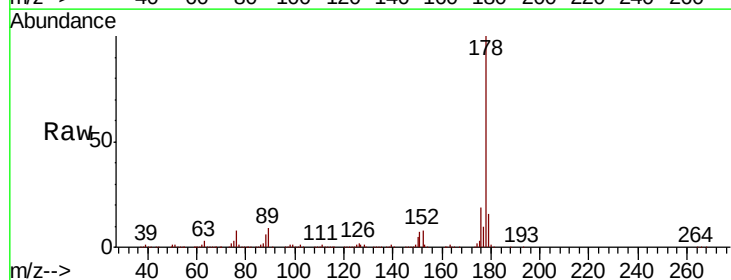
Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

Tgt Ion:178 Resp: 974479  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.3 24.5  
179 16.1 13.0 19.4

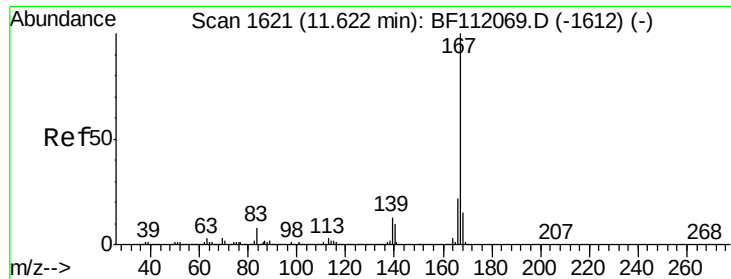


#72  
Anthracene  
Concen: 36.371 ng  
RT: 11.45 min Scan# 1592  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Tgt Ion:178 Resp: 1005280  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.5 23.3  
179 15.9 12.8 19.2



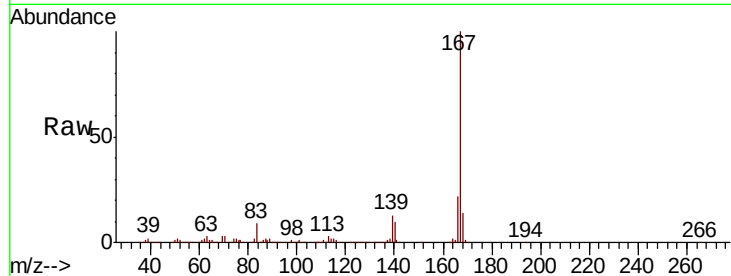




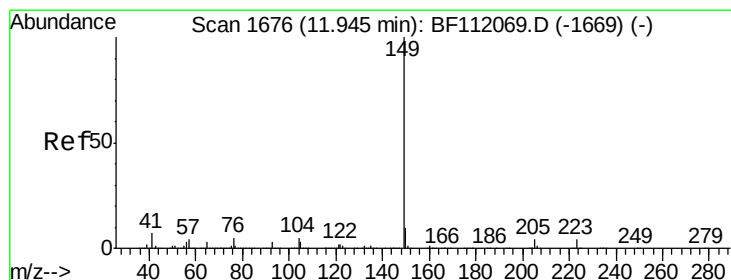
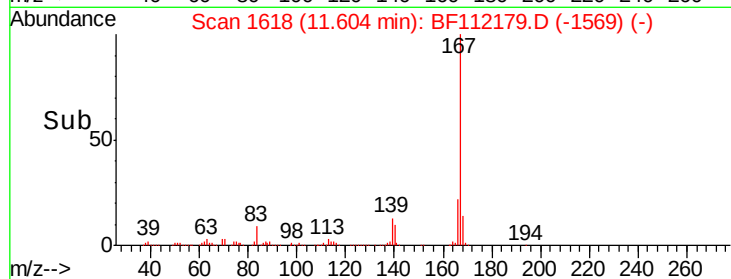
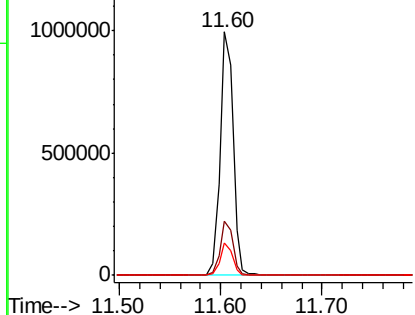
#73  
 Carbazole  
 Concen: 32.204 ng  
 RT: 11.60 min Scan# 1618  
 Delta R.T. -0.01 min  
 Lab File: BF112179.D  
 Acq: 22 Jan 2019 1:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB116516BS

Tgt Ion:167 Resp: 891651  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 17.9 26.9  
 139 13.4 10.2 15.2

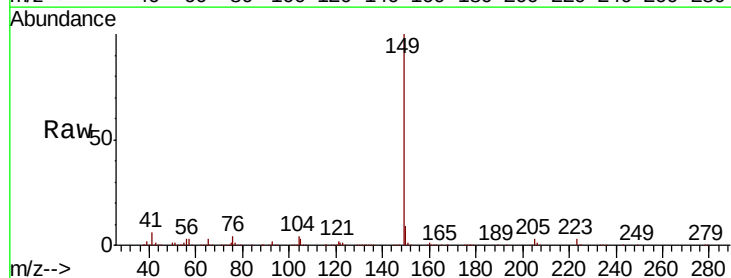


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

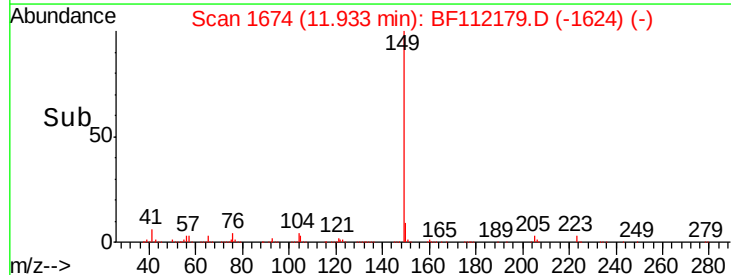
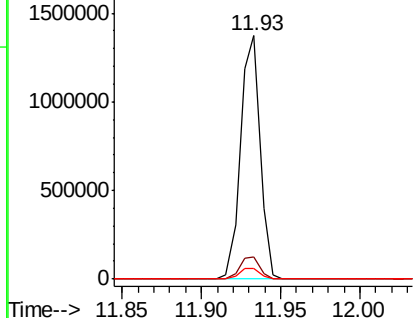


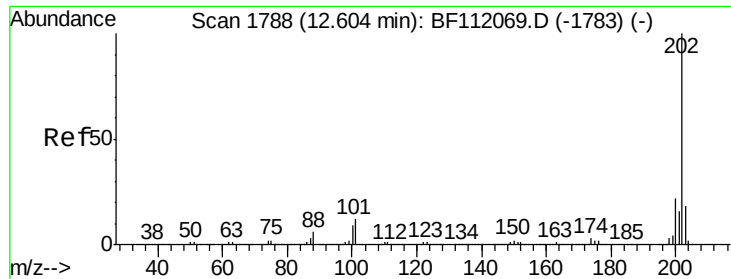
#74  
 Di-n-butylphthalate  
 Concen: 37.706 ng  
 RT: 11.93 min Scan# 1674  
 Delta R.T. -0.01 min  
 Lab File: BF112179.D  
 Acq: 22 Jan 2019 1:44

Tgt Ion:149 Resp: 1174353  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 8.1 12.1  
 104 4.3 3.9 5.9



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

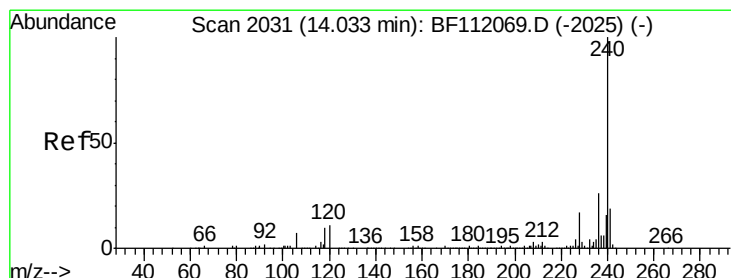
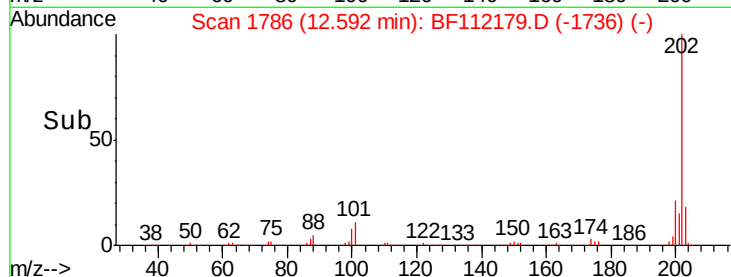
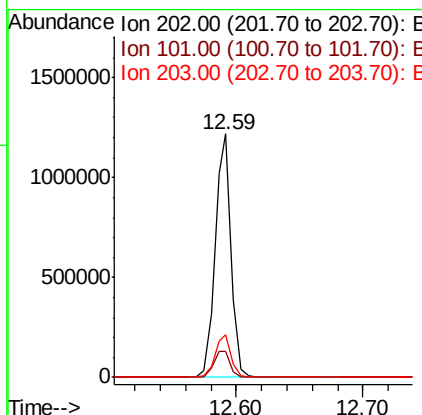
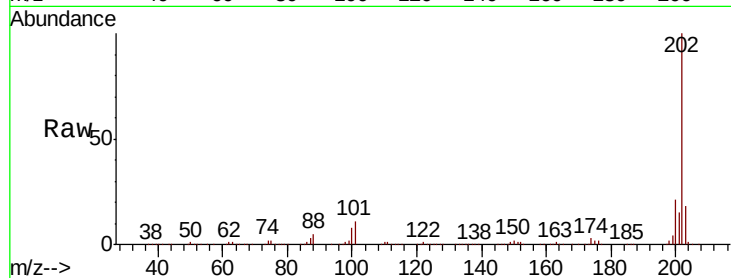




#75  
Fluoranthene  
Concen: 37.463 ng  
RT: 12.59 min Scan# 1786  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

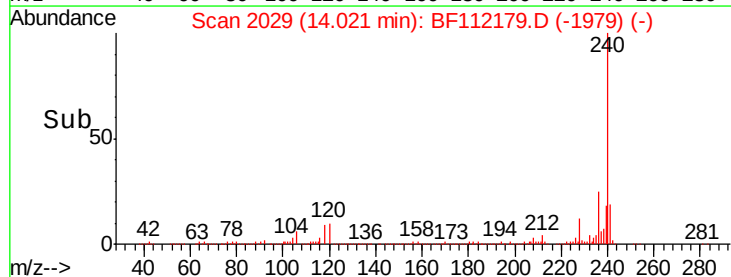
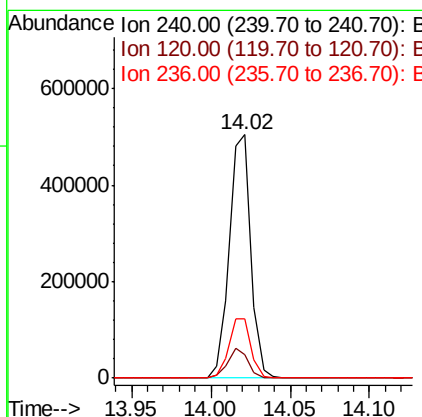
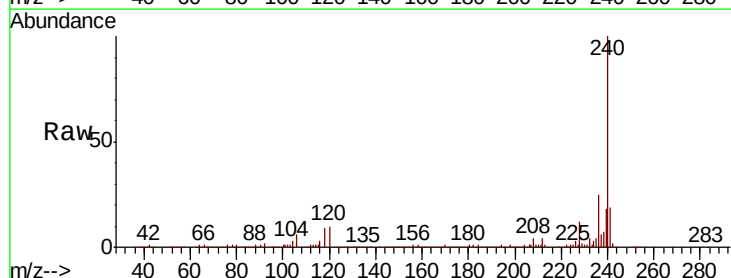
Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

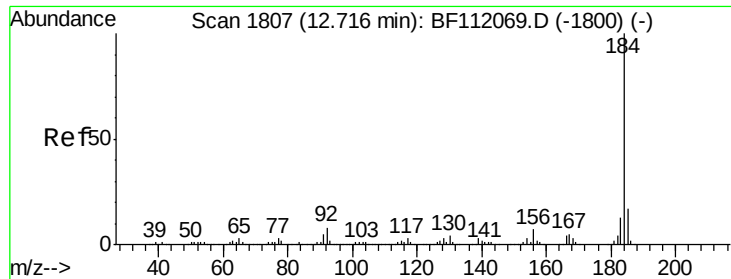
Tgt Ion: 202 Resp: 1079217  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 31.8  
203 17.6 0.0 38.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.02 min Scan# 2029  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Tgt Ion: 240 Resp: 474388  
Ion Ratio Lower Upper  
240 100  
120 9.6 9.0 13.6  
236 24.5 20.7 31.1





#77

Benzidine

Concen: 40.330 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

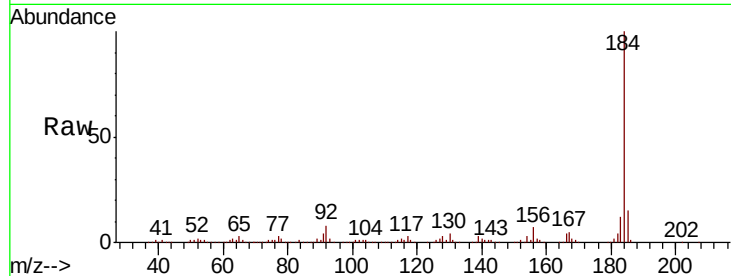
Tgt Ion:184 Resp: 638346

Ion Ratio Lower Upper

184 100

185 14.7 13.9 20.9

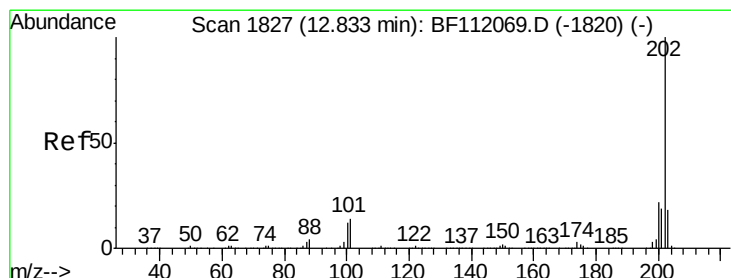
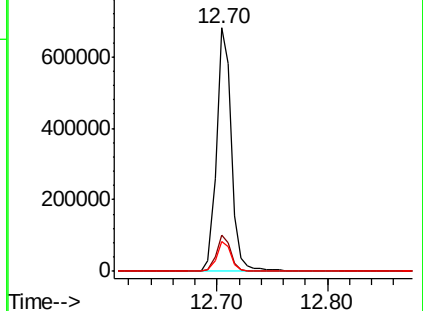
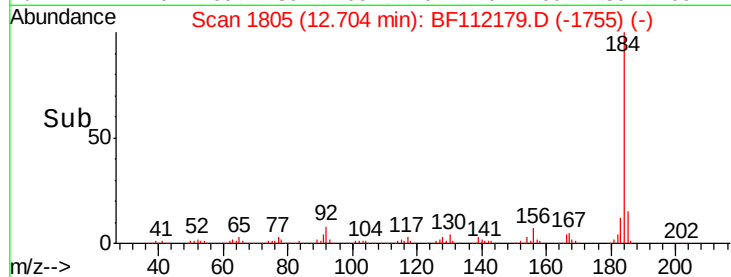
183 12.3 10.0 15.0



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: 34.966 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

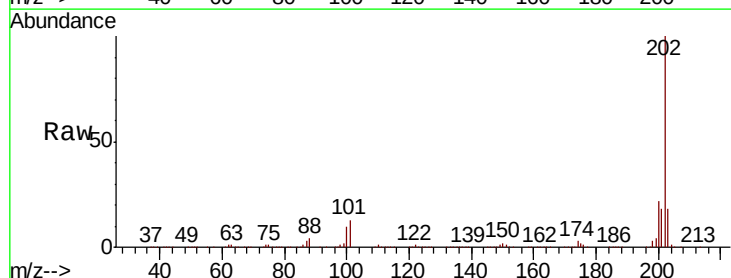
Tgt Ion:202 Resp: 1094386

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

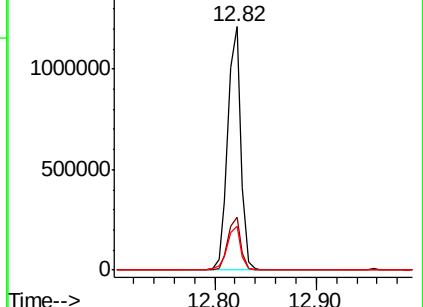
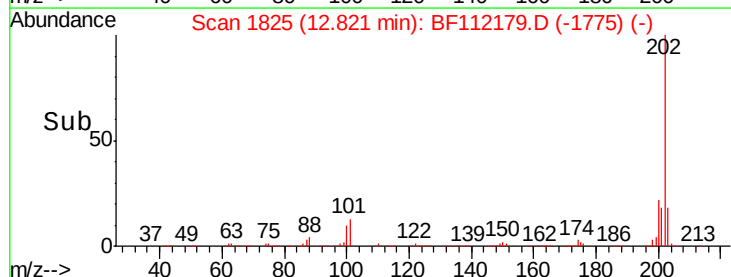
203 17.8 14.6 22.0

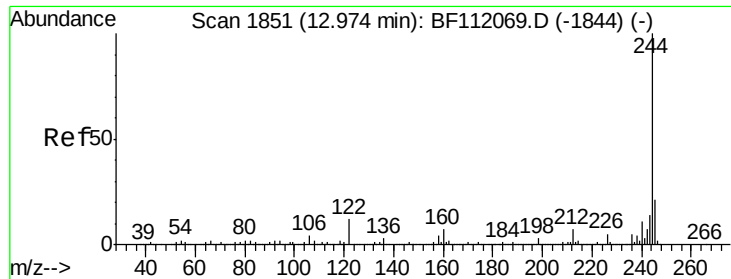


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.362 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

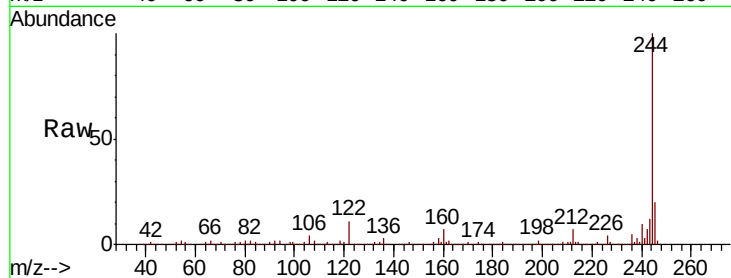
Tgt Ion:244 Resp: 1435230

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

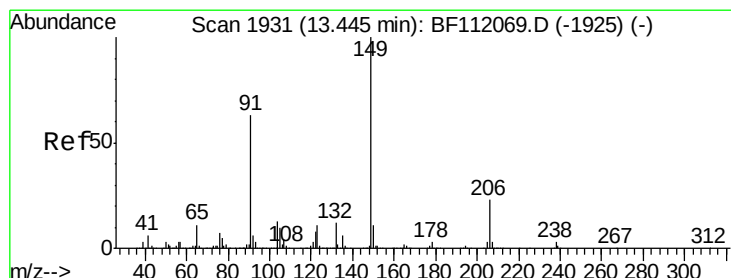
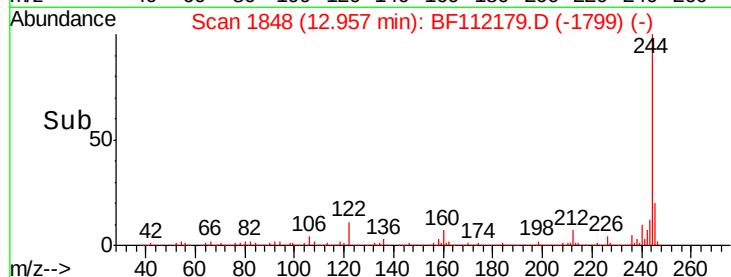
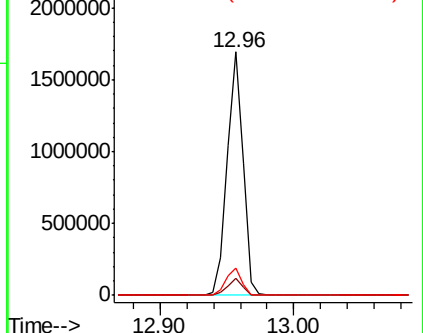
122 11.5 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.491 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

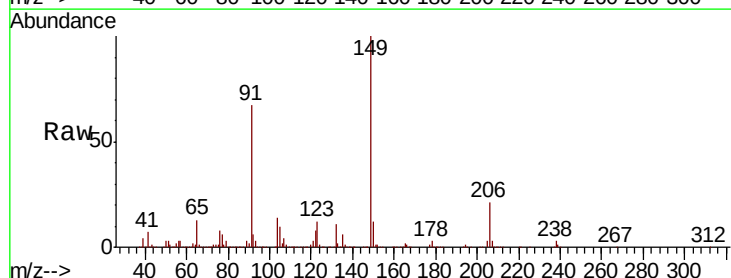
Tgt Ion:149 Resp: 528509

Ion Ratio Lower Upper

149 100

91 67.2 50.3 75.5

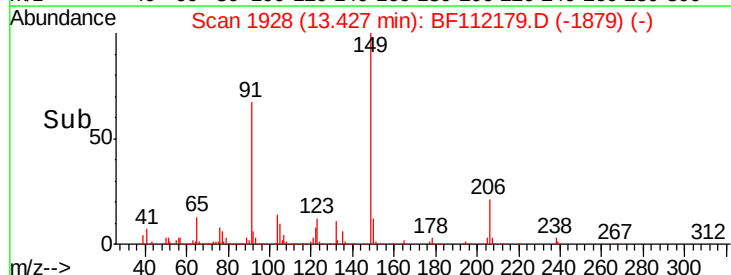
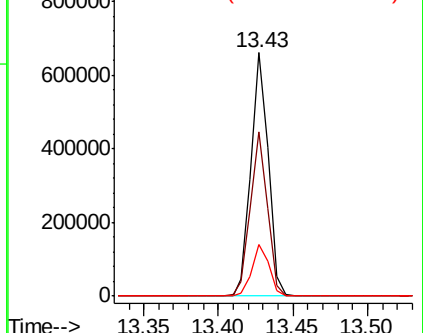
206 21.0 18.2 27.4

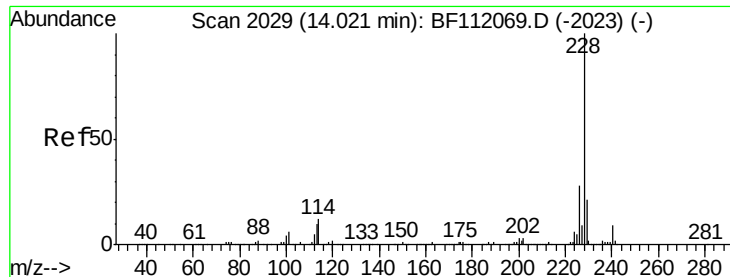


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.851 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

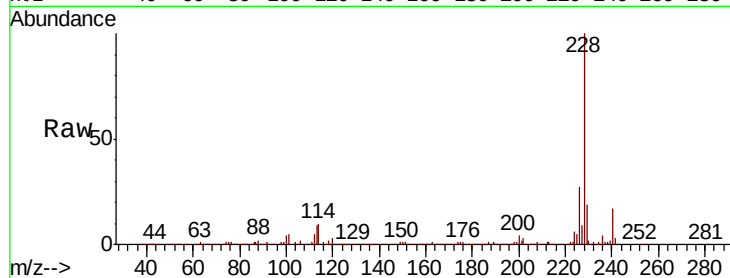
Tgt Ion:228 Resp: 947948

Ion Ratio Lower Upper

228 100

226 26.8 22.6 34.0

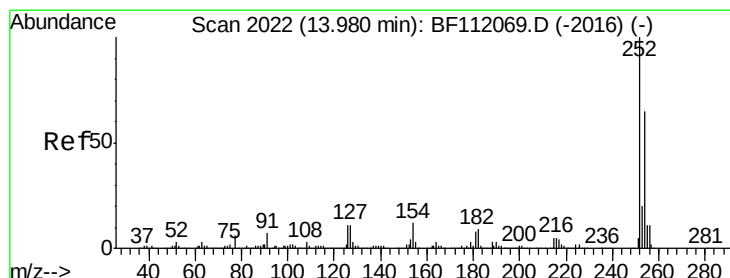
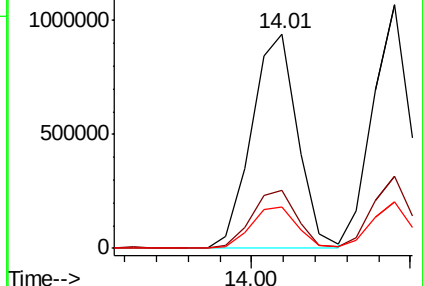
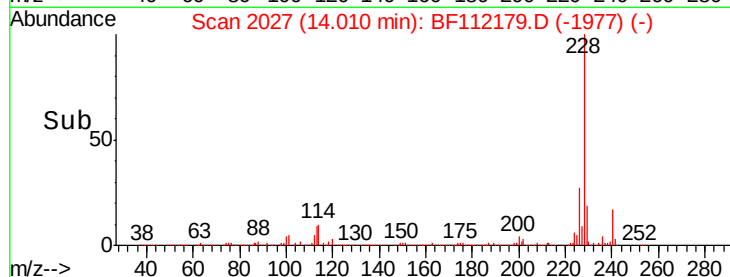
229 19.3 16.5 24.7



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: 32.689 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

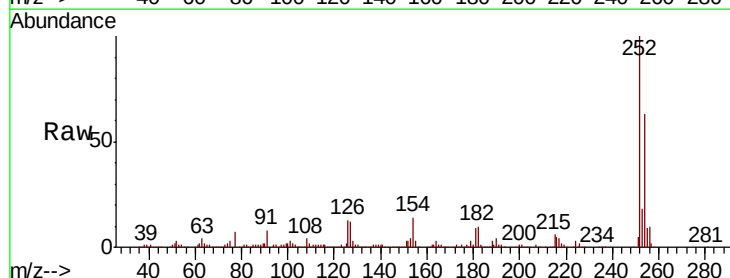
Tgt Ion:252 Resp: 332986

Ion Ratio Lower Upper

252 100

254 63.2 51.6 77.4

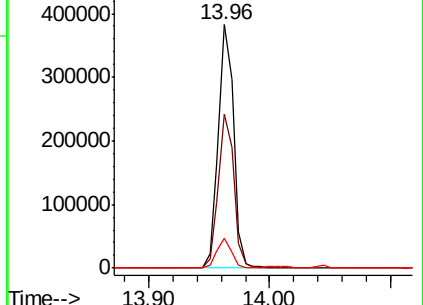
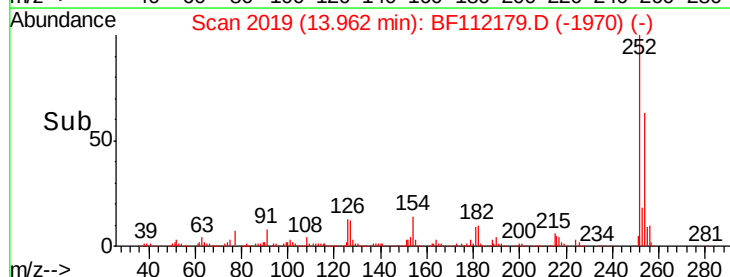
126 12.5 8.6 12.8

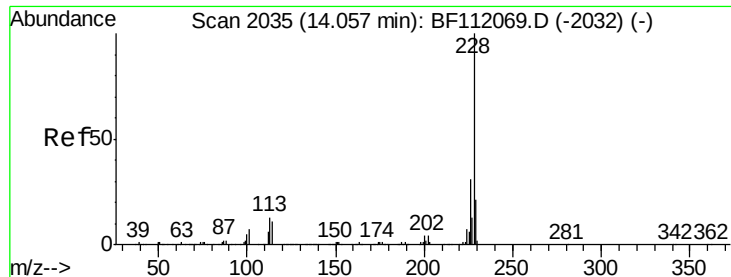


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.165 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

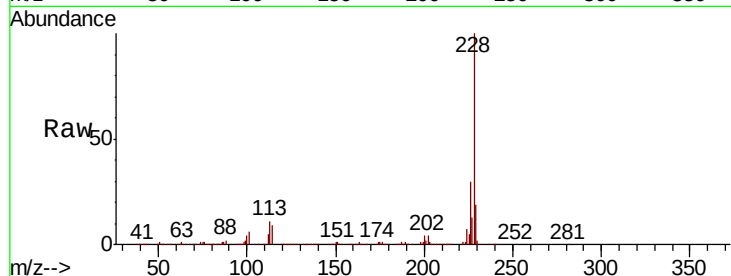
Tgt Ion:228 Resp: 879319

Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.6

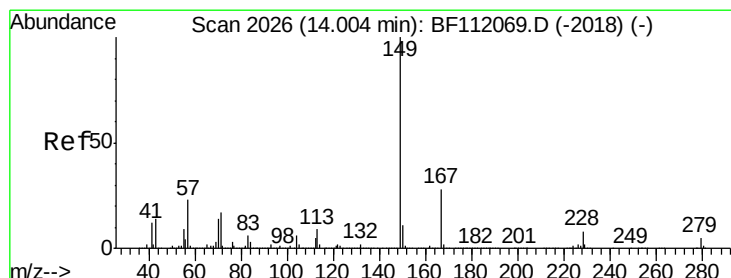
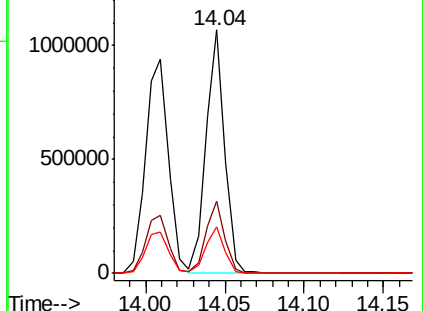
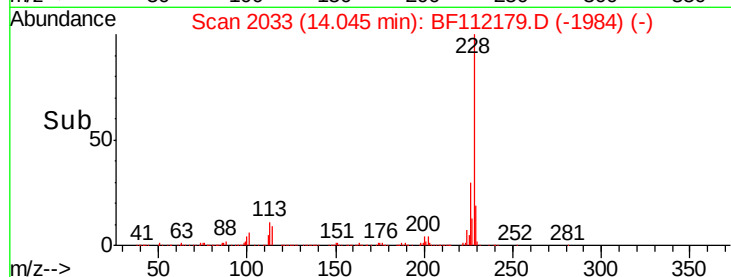
229 19.3 16.6 24.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.561 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

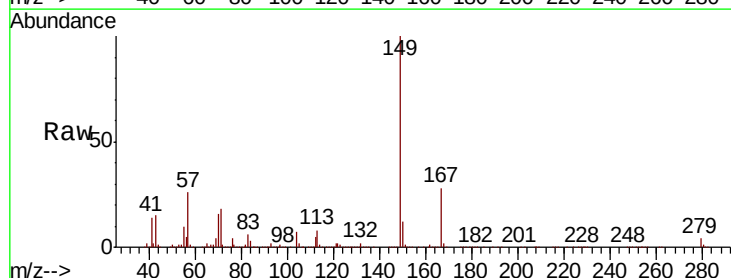
Tgt Ion:149 Resp: 798177

Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

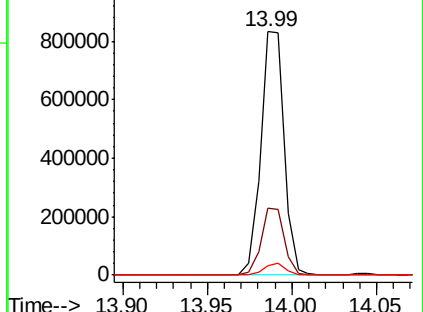
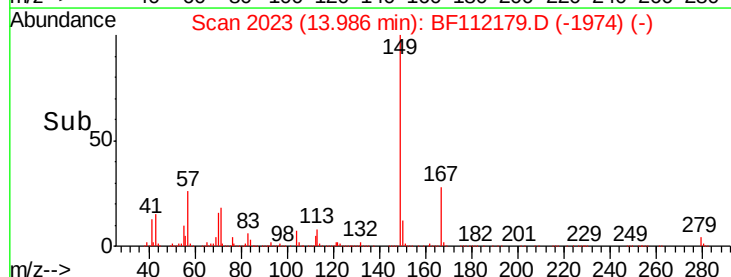
279 3.7 3.8 5.6#

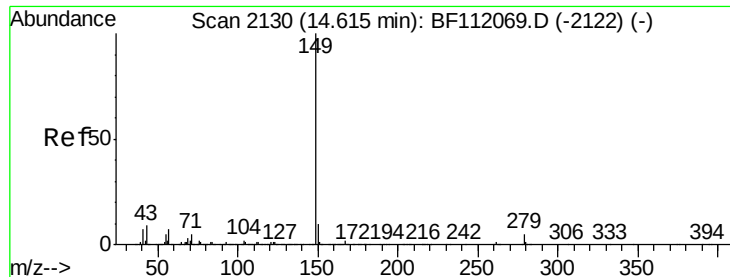


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.194 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

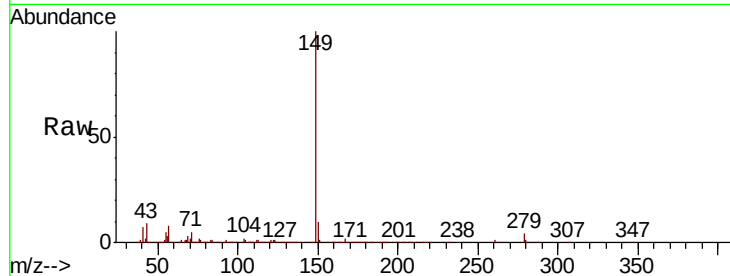
Tgt Ion:149 Resp: 1248994

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

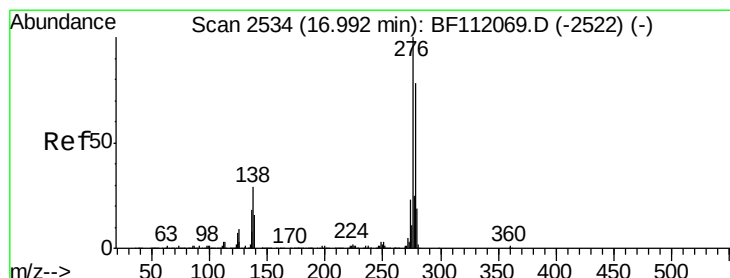
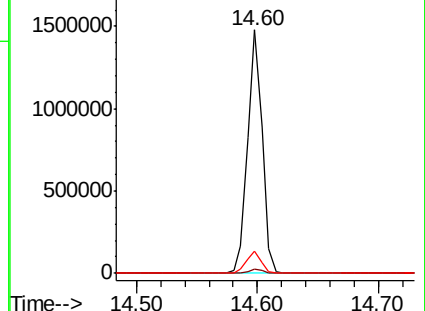
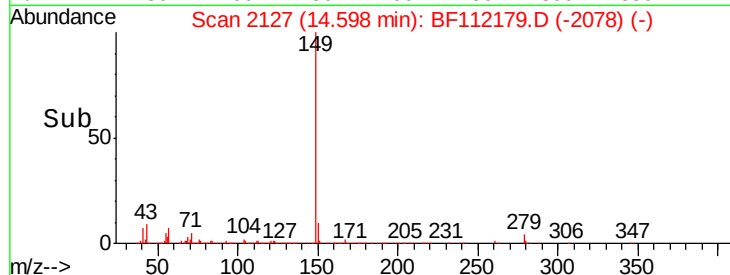
43 9.0 7.8 11.6



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: 27.571 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.02 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

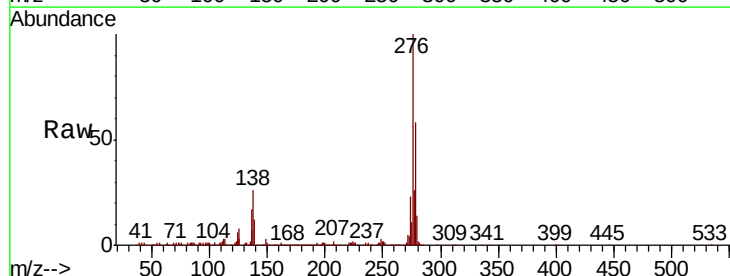
Tgt Ion:276 Resp: 654676

Ion Ratio Lower Upper

276 100

138 26.4 22.6 34.0

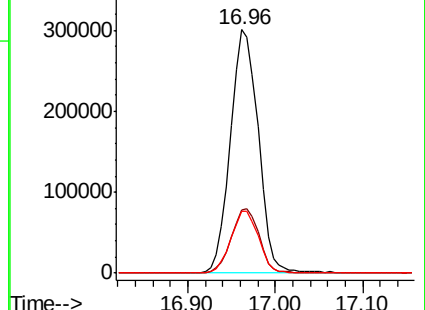
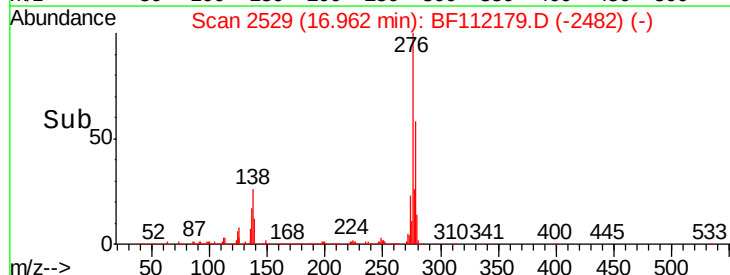
277 25.7 20.3 30.5

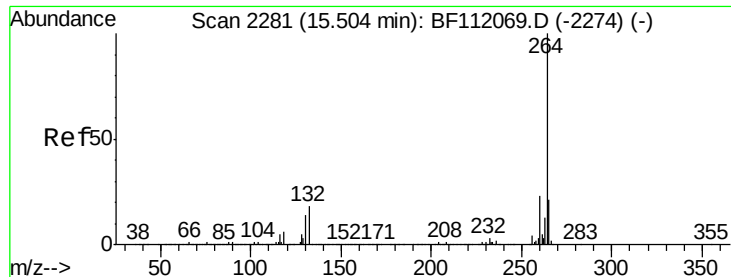


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

Instrument :

BNA\_F

ClientSampleId :

PB116516BS

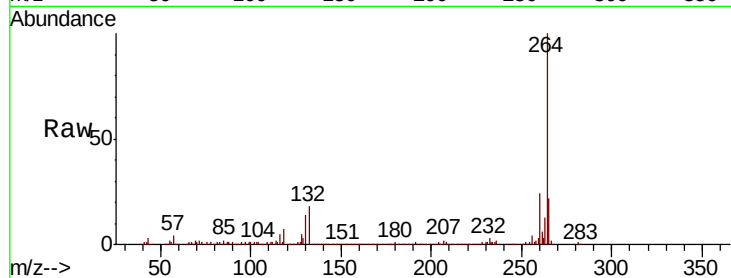
Tgt Ion: 264 Resp: 343926

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

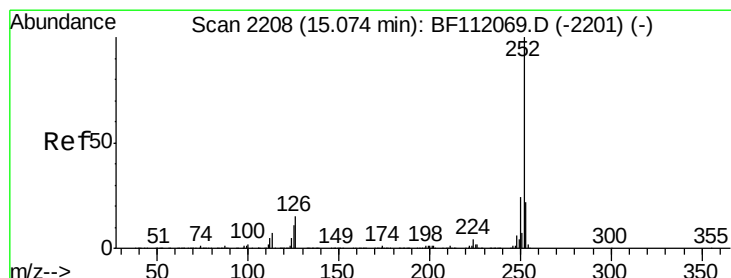
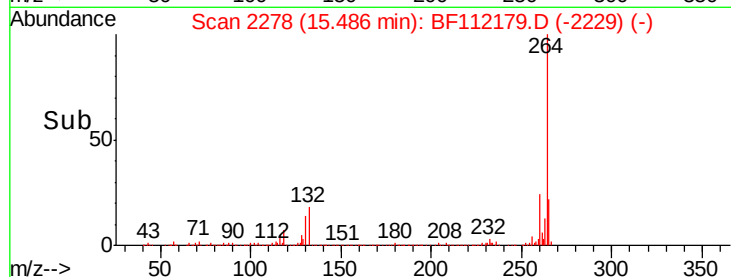
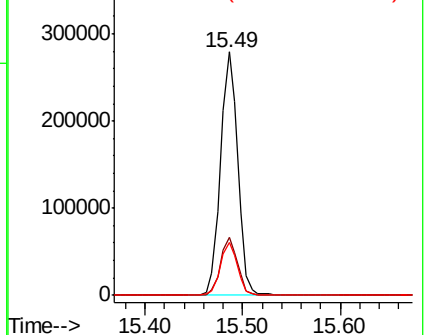
265 21.7 17.0 25.4



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: 38.750 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BF112179.D

Acq: 22 Jan 2019 1:44

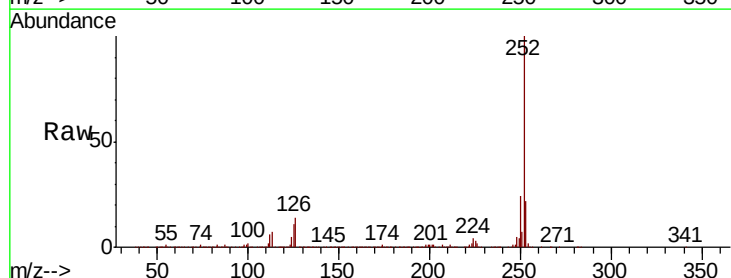
Tgt Ion: 252 Resp: 756498

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

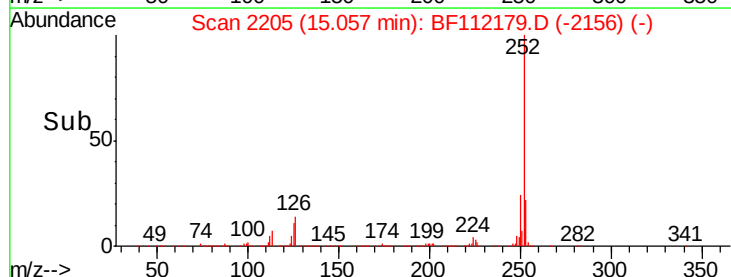
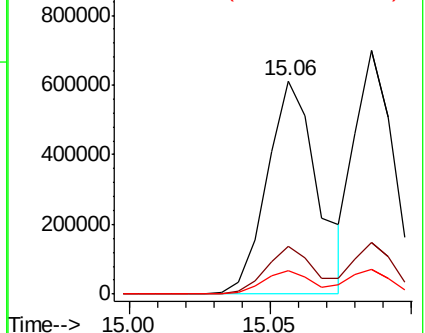
125 11.0 8.7 13.1



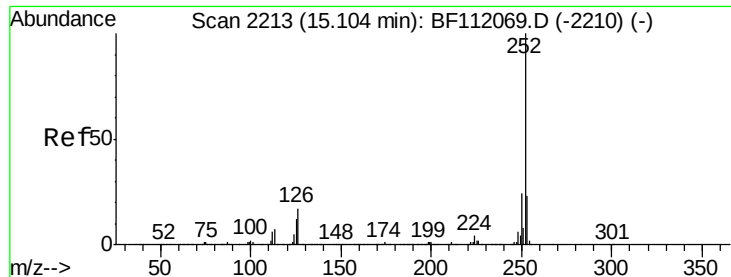
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



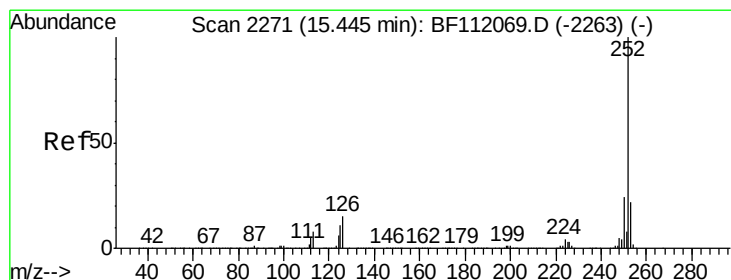
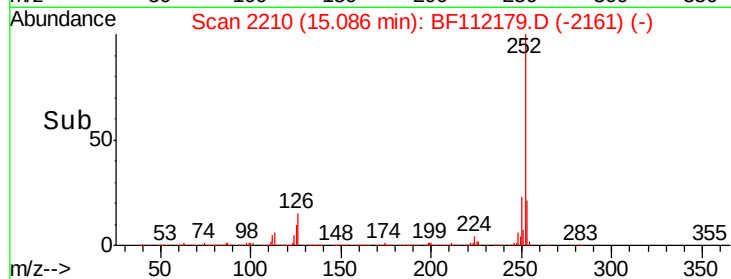
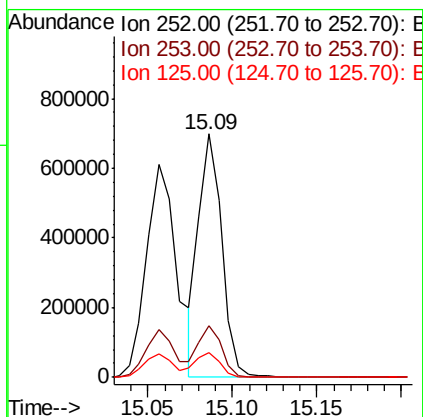
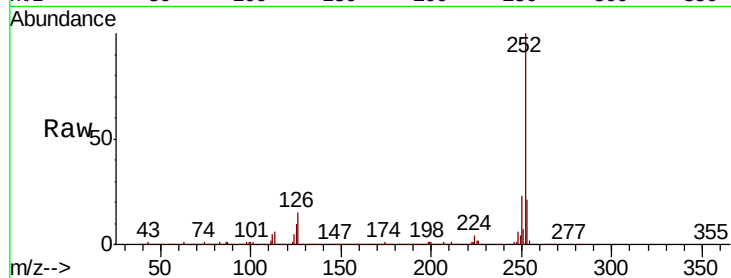




#89  
Benzo(k)fluoranthene  
Concen: 35.123 ng  
RT: 15.09 min Scan# 2210  
Delta R.T. -0.01 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

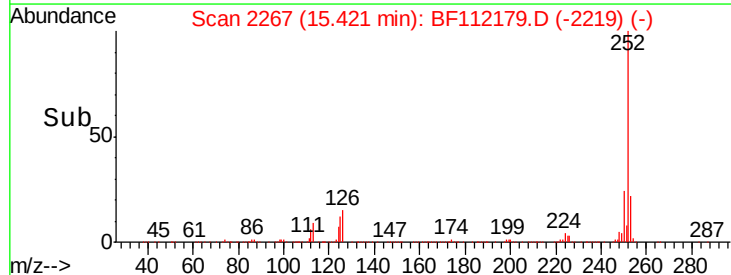
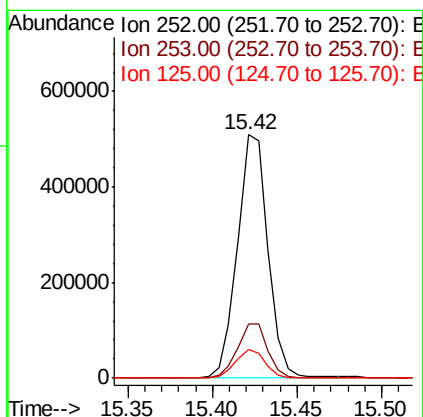
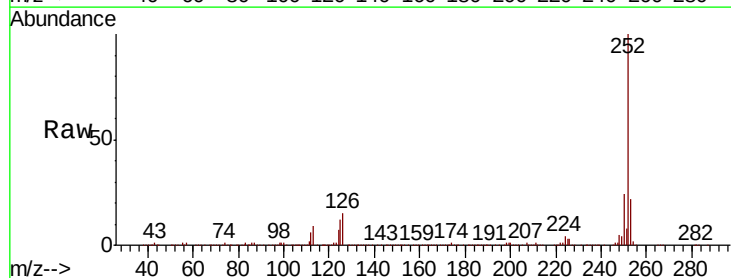
Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

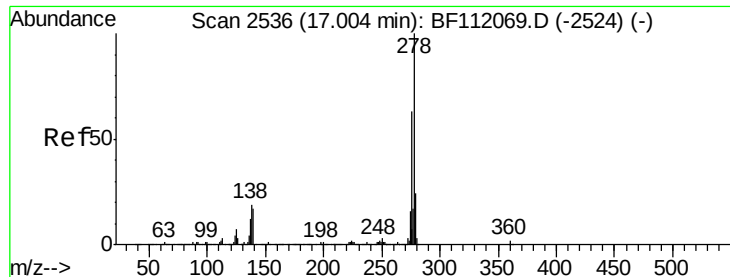
Tgt Ion:252 Resp: 663664  
Ion Ratio Lower Upper  
252 100  
253 21.3 18.0 27.0  
125 10.2 9.1 13.7



#90  
Benzo(a)pyrene  
Concen: 36.027 ng  
RT: 15.42 min Scan# 2267  
Delta R.T. -0.02 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Tgt Ion:252 Resp: 645020  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.5 26.3  
125 11.8 9.0 13.4

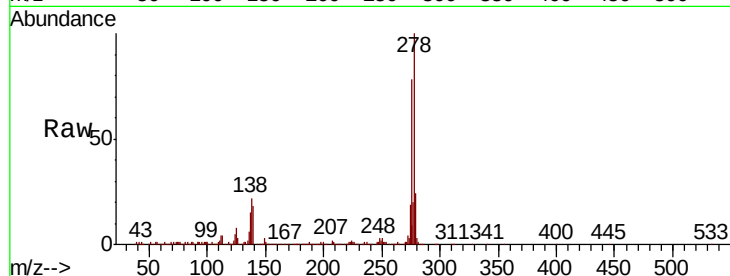




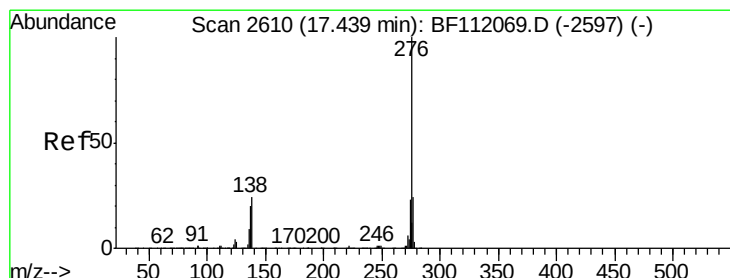
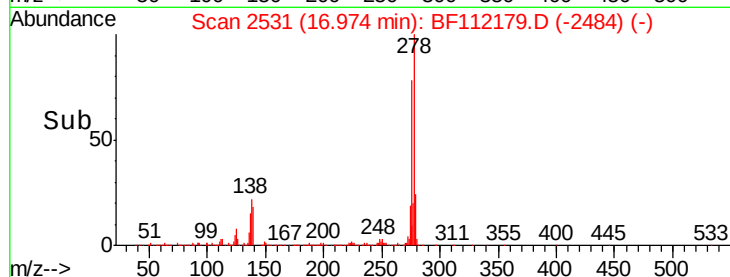
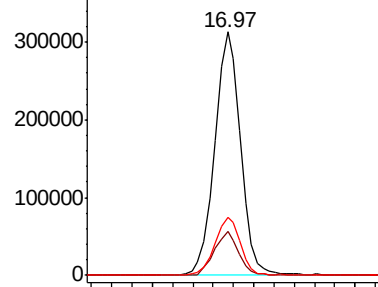
#91  
Dibenzo(a,h)anthracene  
Concen: 34.784 ng  
RT: 16.97 min Scan# 2531  
Delta R.T. -0.02 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Instrument :  
BNA\_F  
ClientSampleId :  
PB116516BS

Tgt Ion:278 Resp: 553114  
Ion Ratio Lower Upper  
278 100  
139 17.8 13.7 20.5  
279 24.0 19.0 28.6

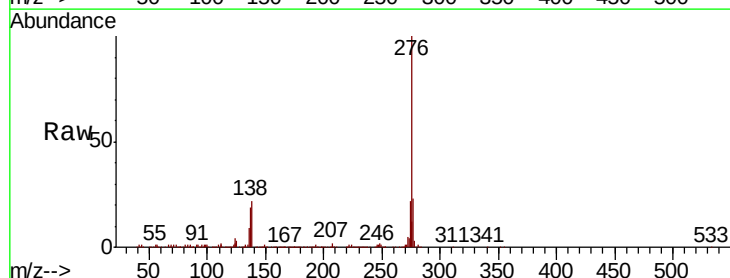


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 33.987 ng  
RT: 17.41 min Scan# 2605  
Delta R.T. -0.02 min  
Lab File: BF112179.D  
Acq: 22 Jan 2019 1:44

Tgt Ion:276 Resp: 532437  
Ion Ratio Lower Upper  
276 100  
277 22.7 19.4 29.0  
138 22.4 19.1 28.7



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

