

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\  
 Data File : BF114874.D  
 Acq On : 6 Jun 2019 20:43  
 Operator : HP/JU  
 Sample : K3211-03MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200050MSD

Quant Time: Jun 07 00:03:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 04 16:57:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.67  | 152  | 509190   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.96  | 136  | 1952502  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.70  | 164  | 933272   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.17 | 188  | 1642874  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.80 | 240  | 741735   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.18 | 264  | 926380   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.29  | 112  | 3653812  | 125.39 | ng    | 0.03     |
| 7) Phenol-d6                | 6.33  | 99   | 4621135  | 130.33 | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 7.24  | 82   | 2998396  | 94.53  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.49 | 330  | 1199520  | 119.27 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl        | 9.03  | 172  | 4746271  | 95.27  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.76 | 244  | 4246107  | 111.33 | ng    | 0.01     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.39 | 88   | 482006   | 34.644 | ng    | 99     |
| 4) n-Nitrosodimethylamine      | 3.01 | 42   | 611641   | 43.707 | ng    | 97     |
| 6) Aniline                     | 6.35 | 93   | 603994   | 12.005 | ng    | # 34   |
| 8) 2-Chlorophenol              | 6.46 | 128  | 1475647  | 43.828 | ng    | 98     |
| 9) Benzaldehyde                | 6.21 | 77   | 527022   | 21.427 | ng    | 98     |
| 10) Phenol                     | 6.34 | 94   | 1668877  | 41.157 | ng    | 83     |
| 11) bis(2-Chloroethyl)ether    | 6.42 | 93   | 1389757  | 43.916 | ng    | 97     |
| 12) 1,3-Dichlorobenzene        | 6.62 | 146  | 1606262  | 40.941 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 6.69 | 146  | 1599106  | 40.507 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 6.85 | 146  | 1460898  | 40.975 | ng    | 99     |
| 15) Benzyl Alcohol             | 6.82 | 79   | 1155536  | 43.094 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.96 | 45   | 1961075  | 43.329 | ng    | 99     |
| 17) 2-Methylphenol             | 6.94 | 107  | 1301598  | 45.226 | ng    | 98     |
| 18) Hexachloroethane           | 7.19 | 117  | 606901   | 40.844 | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.10 | 70   | 1030614  | 43.908 | ng    | 99     |
| 20) 3+4-Methylphenols          | 7.09 | 107  | 1361313  | 42.885 | ng    | 93     |
| 22) Acetophenone               | 7.09 | 105  | 2014204  | 46.856 | ng    | # 97   |
| 24) Nitrobenzene               | 7.26 | 77   | 1550164  | 47.177 | ng    | 100    |
| 25) Isophorone                 | 7.50 | 82   | 3004610  | 47.917 | ng    | 100    |
| 26) 2-Nitrophenol              | 7.57 | 139  | 899758   | 50.558 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 7.62 | 122  | 1420561  | 52.517 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.72 | 93   | 1870251  | 46.659 | ng    | 100    |
| 29) 2,4-Dichlorophenol         | 7.82 | 162  | 1352711  | 47.533 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.90 | 180  | 1478672  | 45.284 | ng    | 99     |
| 31) Naphthalene                | 7.97 | 128  | 3960551  | 45.056 | ng    | 98     |
| 32) Benzoic acid               | 7.72 | 122  | 272895   | 13.852 | ng    | 98     |
| 33) 4-Chloroaniline            | 8.02 | 127  | 596986   | 14.236 | ng    | 98     |
| 34) Hexachlorobutadiene        | 8.10 | 225  | 799399   | 43.061 | ng    | 99     |
| 35) Caprolactam                | 8.41 | 113  | 155421   | 16.718 | ng    | 92     |
| 36) 4-Chloro-3-methylphenol    | 8.52 | 107  | 1338544  | 47.268 | ng    | 100    |
| 37) 2-Methylnaphthalene        | 8.67 | 142  | 2766109  | 45.368 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 8.76 | 142  | 2652494  | 45.875 | ng    | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.84 | 216  | 1174365  | 43.664 | ng    | 99     |
| 41) Hexachlorocyclopentadiene  | 8.83 | 237  | 1336597  | 81.940 | ng    | 100    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\  
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 Sample : K3211-03MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

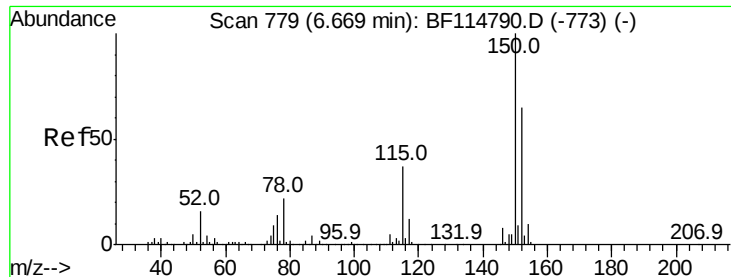
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200050MSD

Quant Time: Jun 07 00:03:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 04 16:57:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,6-Trichlorophenol      | 8.95  | 196  | 980244   | 46.871 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 8.99  | 196  | 1015725  | 48.225 | nq    | 96       |
| 46) 1,1'-Biphenyl              | 9.13  | 154  | 3138526  | 45.374 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.16  | 162  | 2608885  | 44.388 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.25  | 65   | 804957   | 45.893 | nq    | 97       |
| 49) Acenaphthylene             | 9.57  | 152  | 3748599  | 43.980 | nq    | 99       |
| 50) Dimethylphthalate          | 9.45  | 163  | 3674232  | 53.904 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 9.49  | 165  | 762628   | 47.574 | nq    | 92       |
| 52) Acenaphthene               | 9.74  | 154  | 2384942  | 42.715 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.66  | 138  | 607009   | 32.414 | nq    | 97       |
| 54) 2,4-Dinitrophenol          | 9.76  | 184  | 546771   | 75.376 | nq    | 97       |
| 55) Dibenzofuran               | 9.91  | 168  | 3255703  | 41.934 | nq    | 97       |
| 56) 4-Nitrophenol              | 9.83  | 139  | 1168881  | 85.183 | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 9.90  | 165  | 922385   | 45.772 | nq    | 90       |
| 58) Fluorene                   | 10.25 | 166  | 2245556  | 45.161 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.03 | 232  | 783407   | 45.400 | nq    | 100      |
| 60) Diethylphthalate           | 10.14 | 149  | 2968699  | 43.403 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.25 | 204  | 1133565  | 38.120 | nq    | 100      |
| 62) 4-Nitroaniline             | 10.27 | 138  | 758570   | 41.764 | nq    | 99       |
| 63) Azobenzene                 | 10.40 | 77   | 2636215  | 45.279 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.30 | 198  | 388356   | 45.507 | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 10.37 | 169  | 2364581  | 47.599 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.73 | 248  | 839873   | 45.012 | nq    | 99       |
| 68) Hexachlorobenzene          | 10.80 | 284  | 882847   | 43.233 | nq    | 95       |
| 69) Atrazine                   | 10.89 | 200  | 774807   | 44.846 | nq    | 98       |
| 70) Pentachlorophenol          | 10.99 | 266  | 961972   | 81.488 | nq    | 98       |
| 71) Phenanthrene               | 11.20 | 178  | 3517309  | 44.847 | nq    | 98       |
| 72) Anthracene                 | 11.26 | 178  | 3530621  | 42.775 | nq    | 99       |
| 73) Carbazole                  | 11.40 | 167  | 3221215  | 45.526 | nq    | 100      |
| 74) Di-n-butylphthalate        | 11.75 | 149  | 3967092  | 42.628 | nq    | 99       |
| 75) Fluoranthene               | 12.38 | 202  | 3568490  | 43.716 | nq    | 98       |
| 78) Pyrene                     | 12.61 | 202  | 3563200  | 55.375 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.23 | 149  | 1733813  | 53.359 | nq    | 99       |
| 81) Benzo(a)anthracene         | 13.79 | 228  | 2656019  | 46.468 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.76 | 252  | 759053   | 32.750 | nq    | # 99     |
| 83) Chrysene                   | 13.83 | 228  | 2740704  | 49.290 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.80 | 149  | 2111862  | 51.399 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.41 | 149  | 3551388  | 50.868 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.50 | 276  | 2816361  | 44.392 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 14.80 | 252  | 2759403  | 46.790 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 14.83 | 252  | 2365453  | 47.231 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.13 | 252  | 2492943  | 48.838 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.52 | 278  | 2297092  | 47.519 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 16.90 | 276  | 2348136  | 48.304 | nq    | 99       |

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



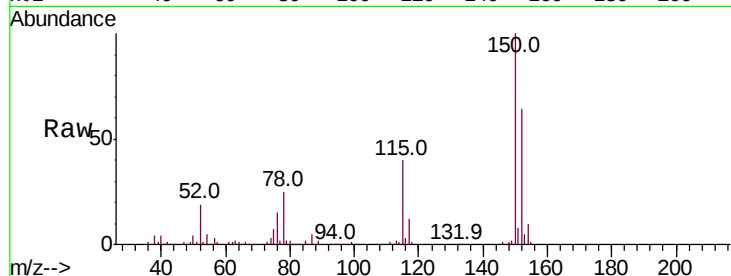


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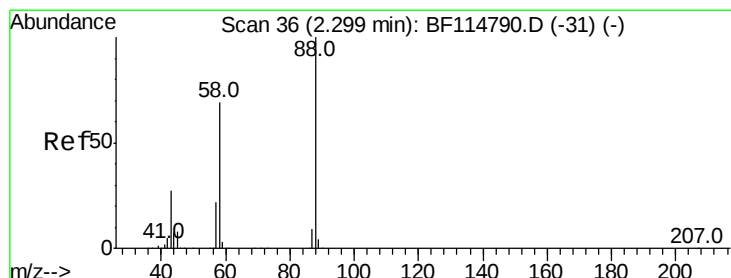
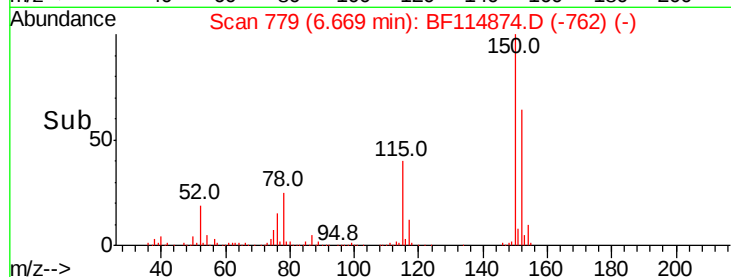
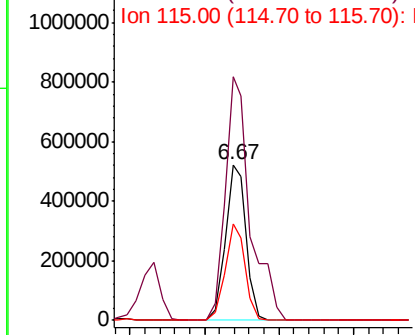
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.67 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Instrument :  
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RBR-200050MSD

Tot Ion:152 Resp: 509190  
Ion Ratio Lower Upper  
152 100  
150 156.5 124.0 186.0  
115 62.3 46.3 69.5



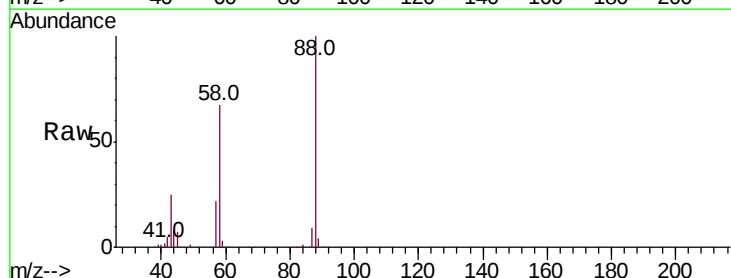
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



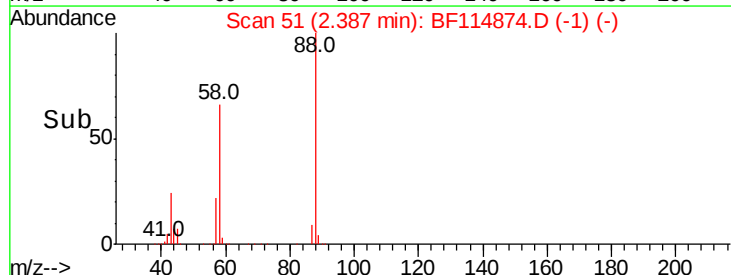
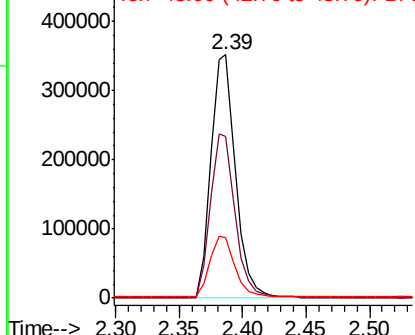
#2

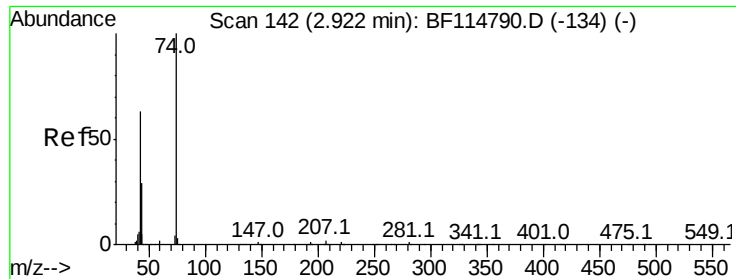
1,4-Dioxane  
Concen: 34.644 ng  
RT: 2.39 min Scan# 51  
Delta R.T. 0.09 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Tgt Ion: 88 Resp: 482006  
Ion Ratio Lower Upper  
88 100  
58 67.3 53.8 80.8  
43 24.6 20.7 31.1



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



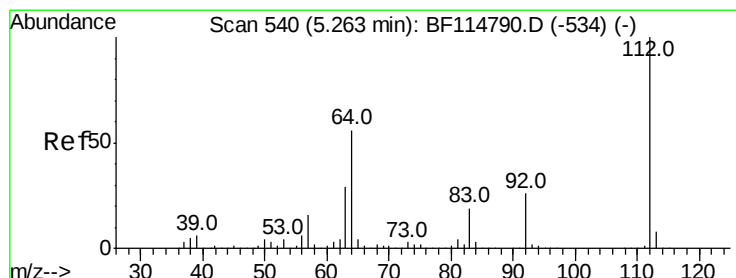
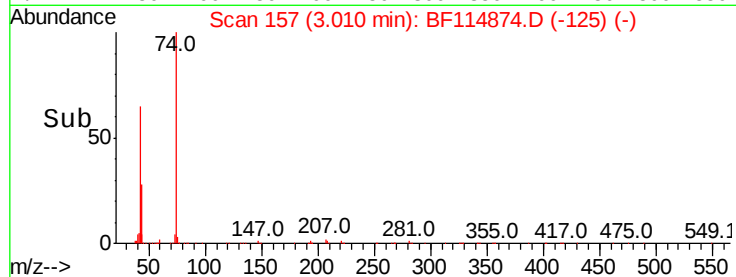
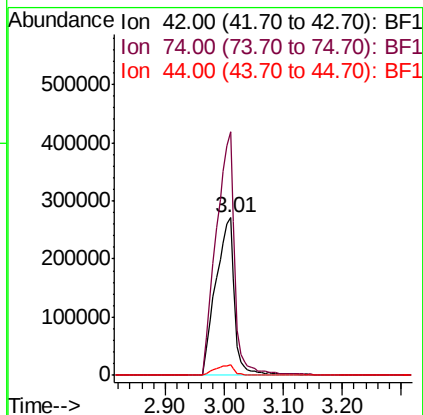
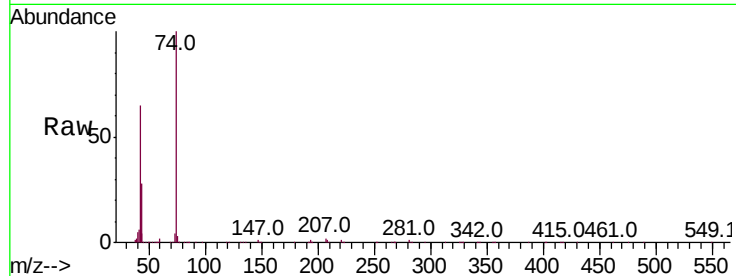


#4

n-Nitrosodimethylamine  
 Concen: 43.707 ng  
 RT: 3.01 min Scan# 157  
 Delta R.T. 0.09 min  
 Lab File: BF114874.D  
 Acq: 6 Jun 2019 20:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200050MSD

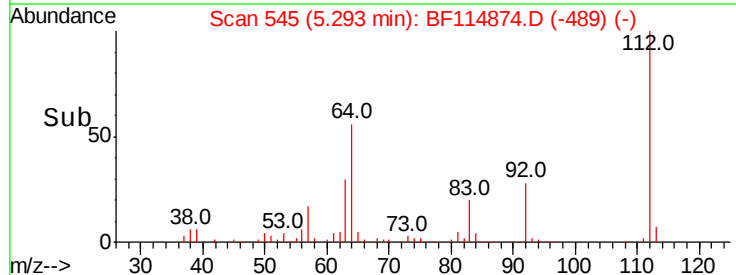
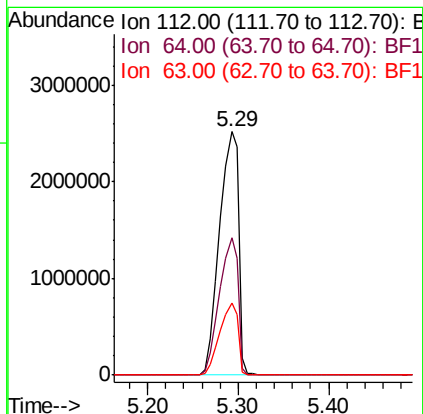
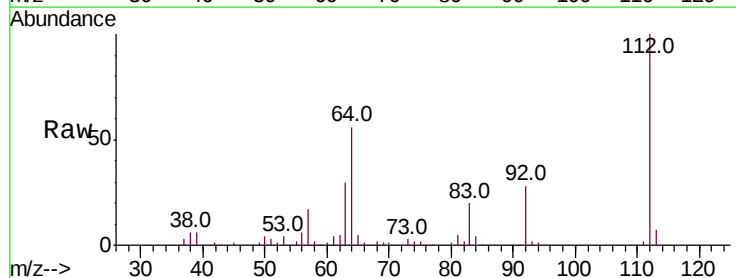
Tot Ion: 42 Resp: 611641  
 Ion Ratio Lower Upper  
 42 100  
 74 154.4 126.2 189.2  
 44 6.5 5.9 8.9

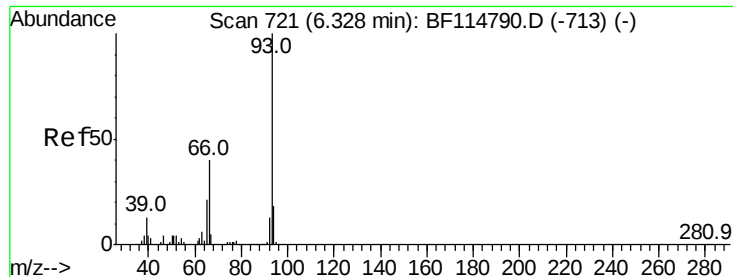


#5

2-Fluorophenol  
 Concen: 125.385 ng  
 RT: 5.29 min Scan# 545  
 Delta R.T. 0.03 min  
 Lab File: BF114874.D  
 Acq: 6 Jun 2019 20:43

Tgt Ion: 112 Resp: 3653812  
 Ion Ratio Lower Upper  
 112 100  
 64 56.5 44.6 66.8  
 63 29.7 23.0 34.4





#6

Aniline

Concen: 12.005 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.02 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

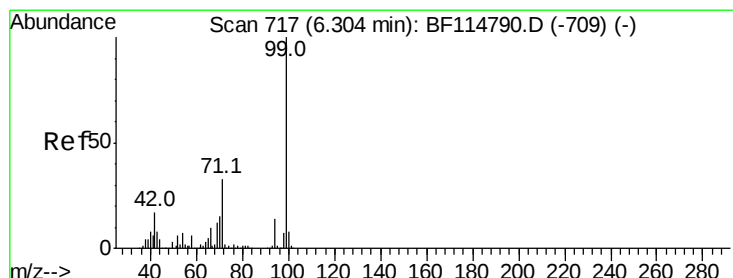
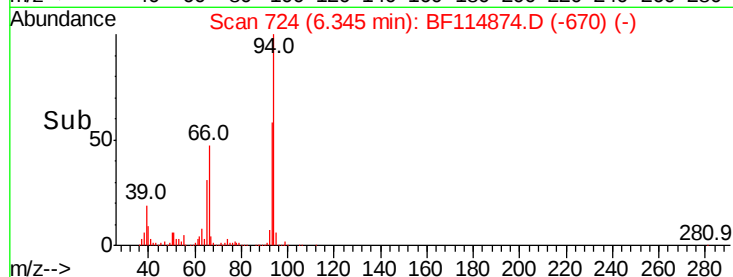
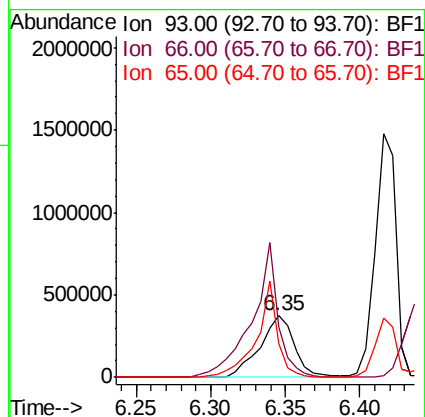
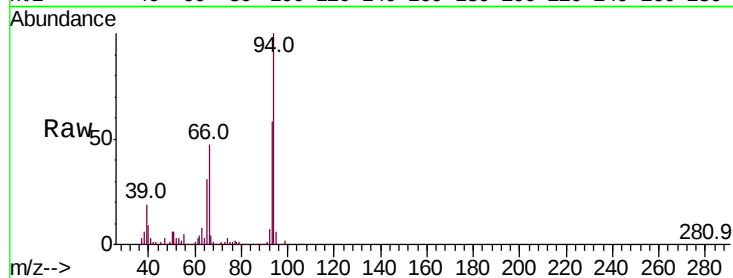
Tot Ion: 93 Resp: 603994

Ion Ratio Lower Upper

93 100

66 81.4 32.8 49.2#

65 53.6 16.9 25.3#



#7

Phenol-d6

Concen: 130.325 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.02 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

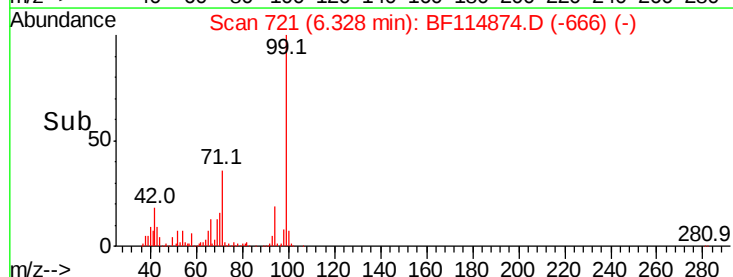
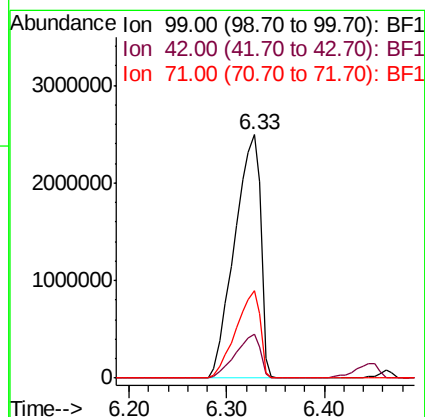
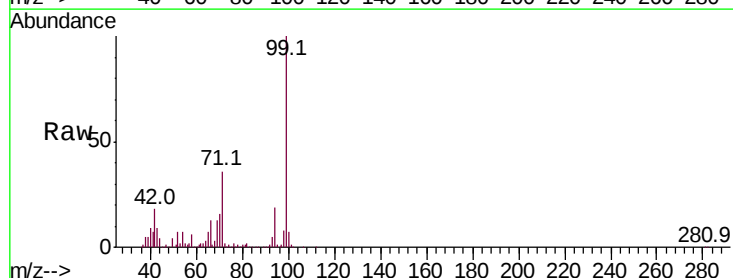
Tgt Ion: 99 Resp: 4621135

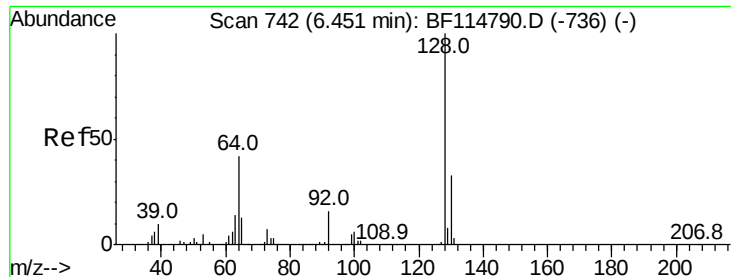
Ion Ratio Lower Upper

99 100

42 17.8 13.3 19.9

71 36.0 26.3 39.5





#8

2-Chlorophenol

Concen: 43.828 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

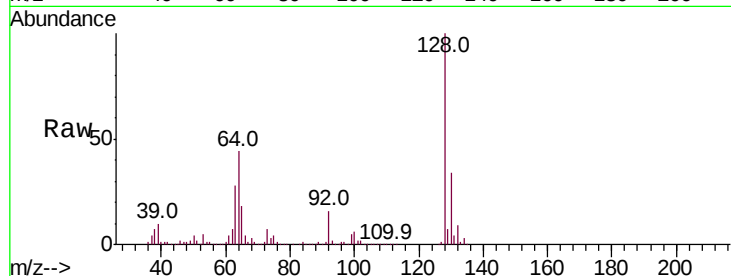
Tot Ion:128 Resp: 1475647

Ion Ratio Lower Upper

128 100

130 33.8 12.7 52.7

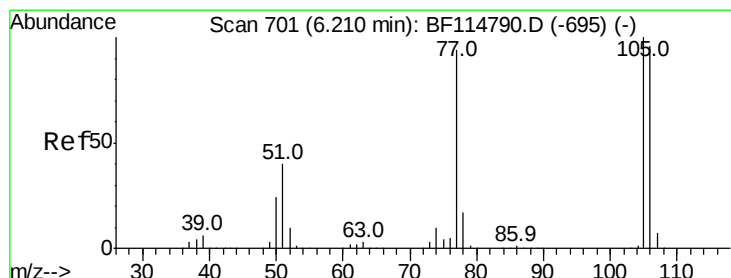
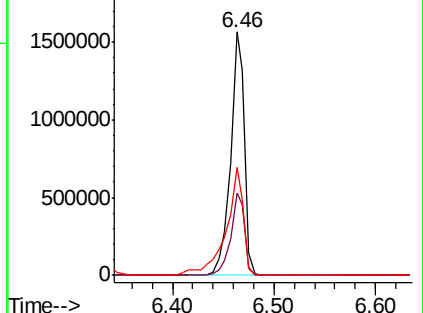
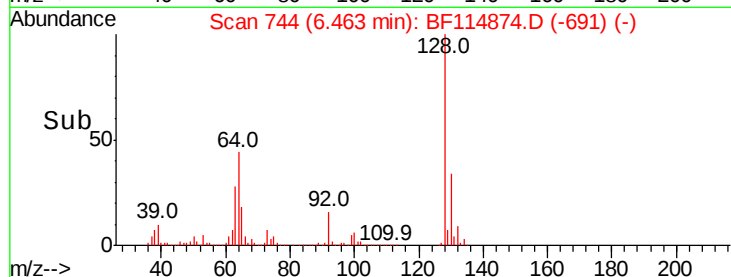
64 44.2 22.5 62.5



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: 21.427 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

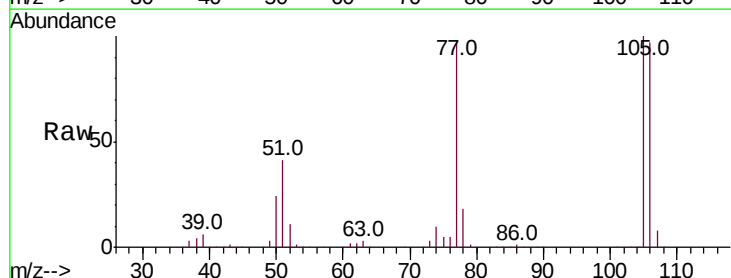
Tgt Ion: 77 Resp: 527022

Ion Ratio Lower Upper

77 100

105 103.5 85.8 125.8

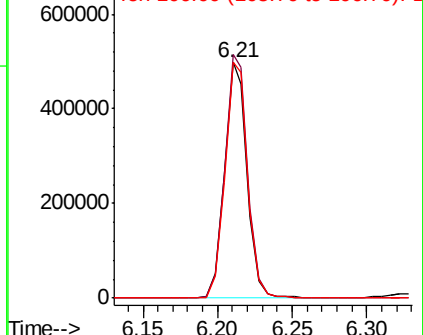
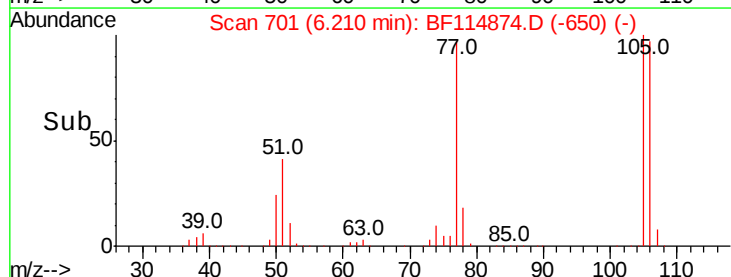
106 100.4 81.6 121.6

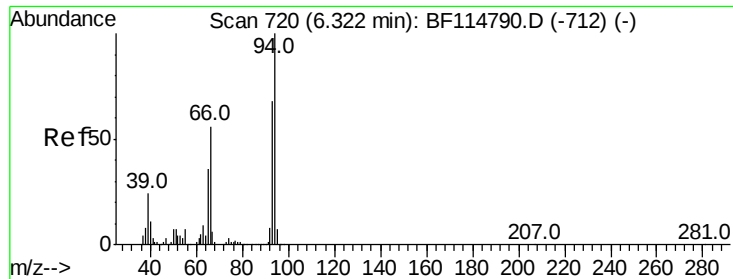


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 41.157 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.02 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

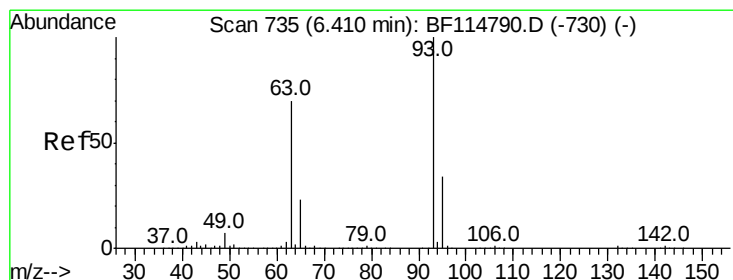
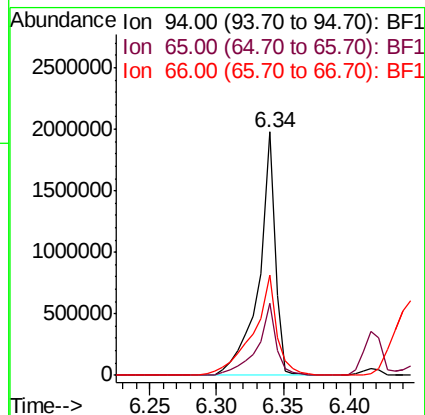
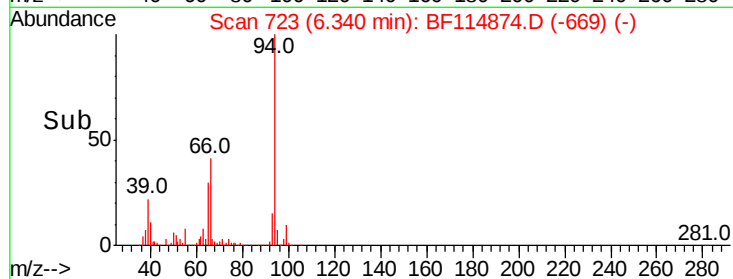
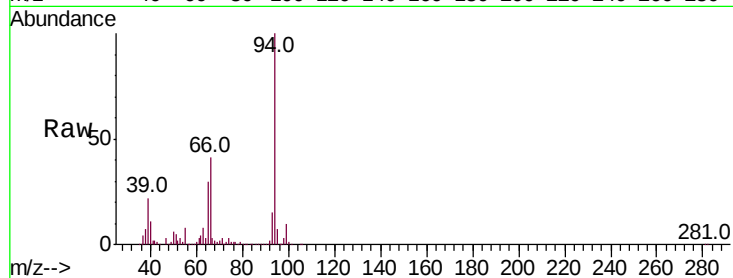
Tot Ion: 94 Resp: 1668877

Ion Ratio Lower Upper

94 100

65 29.7 16.1 56.1

66 41.2 36.3 76.3



#11

bis(2-Chloroethyl)ether

Concen: 43.916 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

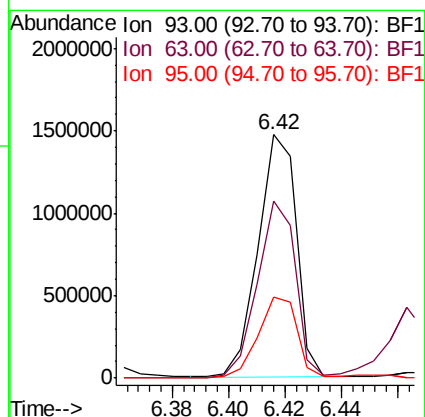
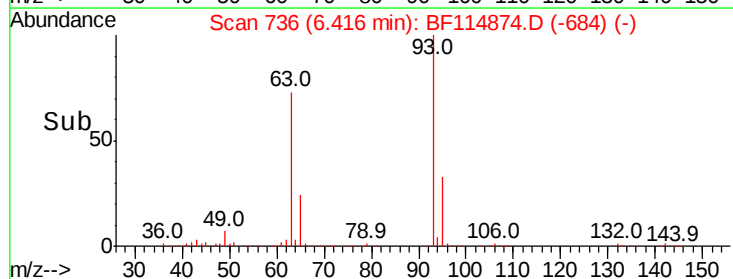
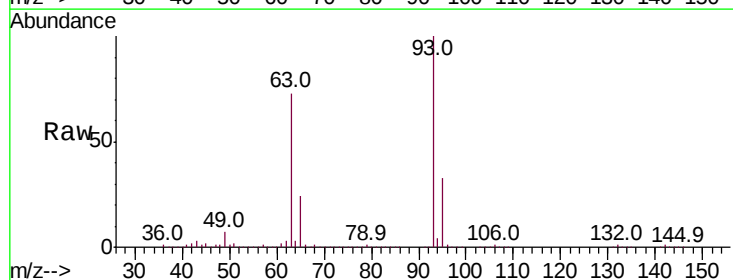
Tgt Ion: 93 Resp: 1389757

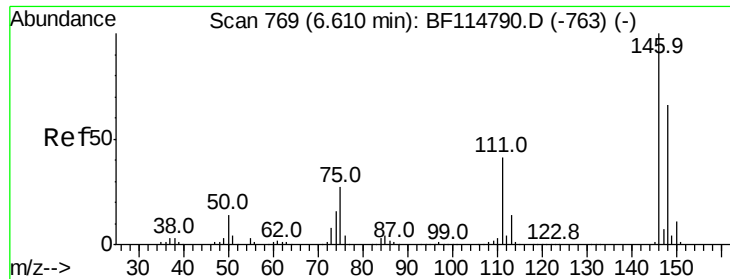
Ion Ratio Lower Upper

93 100

63 72.9 49.6 89.6

95 33.3 13.6 53.6





#12

1,3-Dichlorobenzene

Concen: 40.941 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

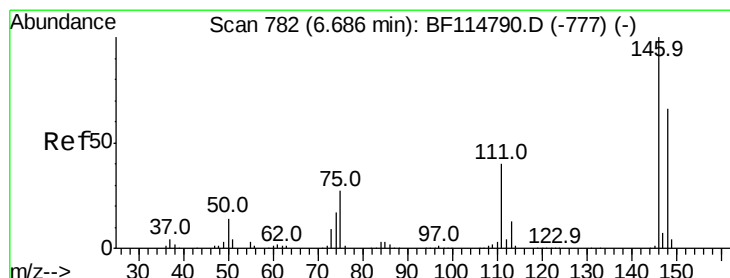
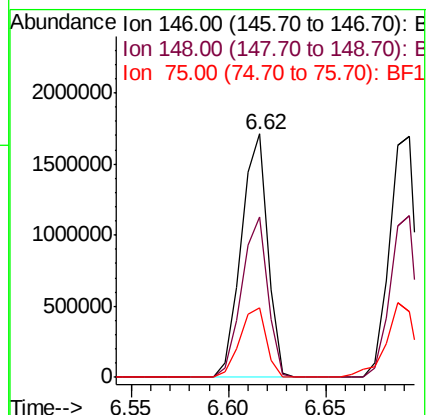
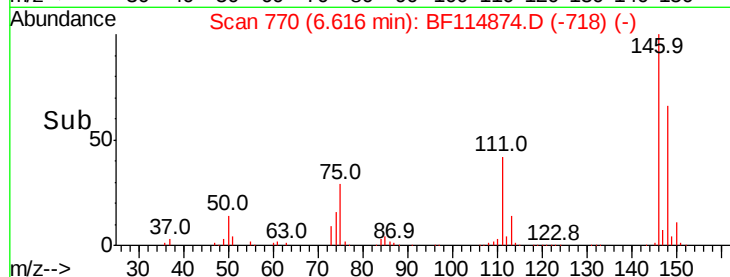
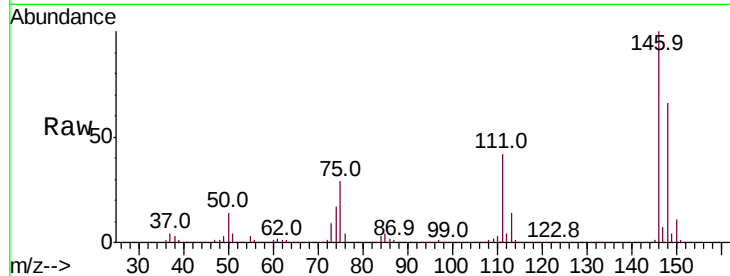
Tot Ion:146 Resp: 1606262

Ion Ratio Lower Upper

146 100

148 65.8 52.7 79.1

75 28.6 22.0 33.0



#13

1,4-Dichlorobenzene

Concen: 40.507 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

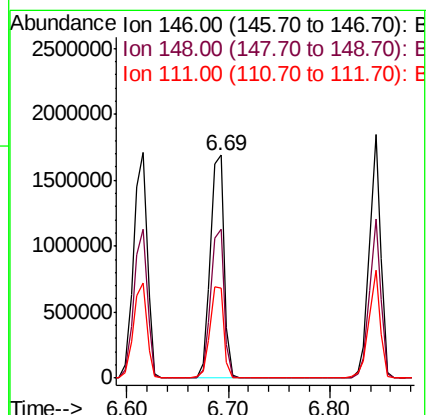
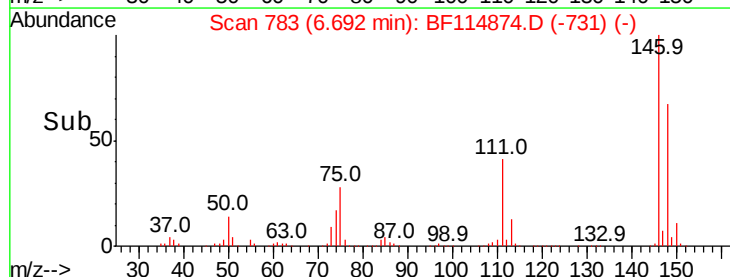
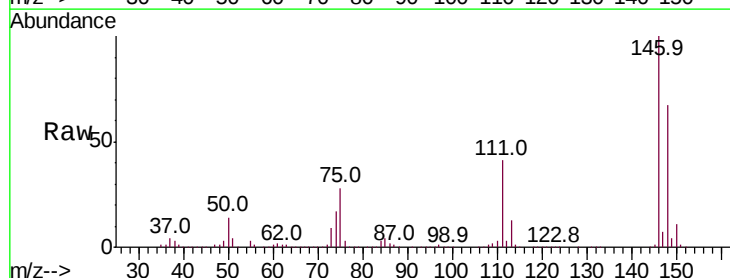
Tgt Ion:146 Resp: 1599106

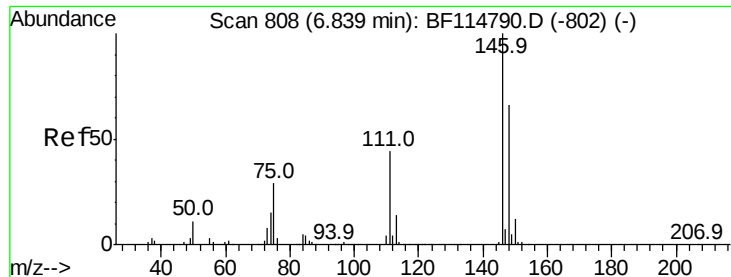
Ion Ratio Lower Upper

146 100

148 67.0 53.0 79.4

111 40.6 32.2 48.4





#14

1,2-Dichlorobenzene

Concen: 40.975 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

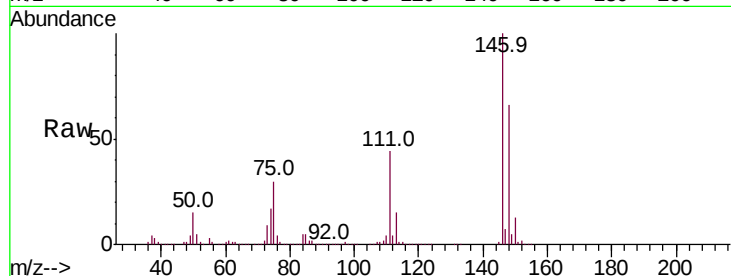
Tot Ion:146 Resp: 1460898

Ion Ratio Lower Upper

146 100

148 65.6 52.5 78.7

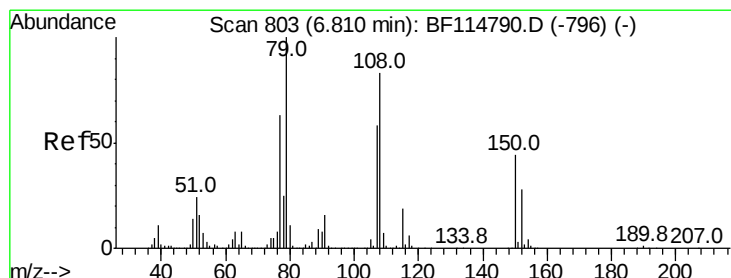
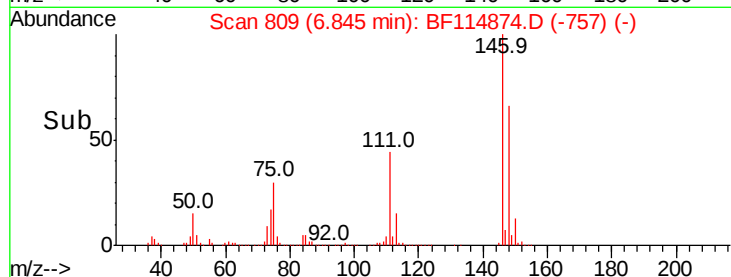
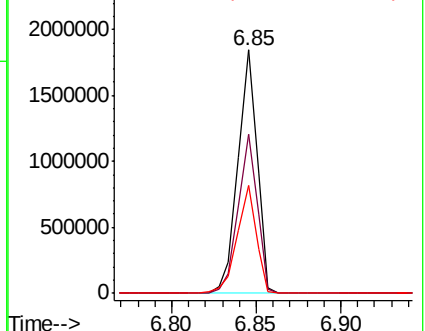
111 44.4 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 43.094 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

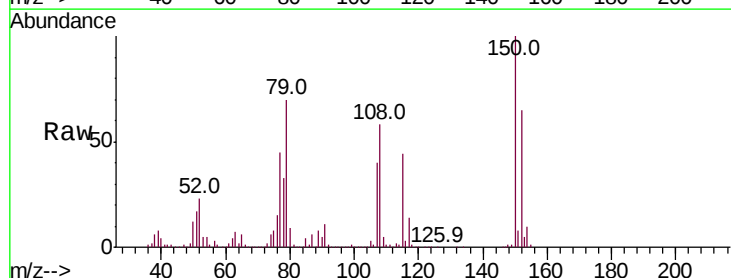
Tgt Ion: 79 Resp: 1155536

Ion Ratio Lower Upper

79 100

108 82.8 66.8 100.2

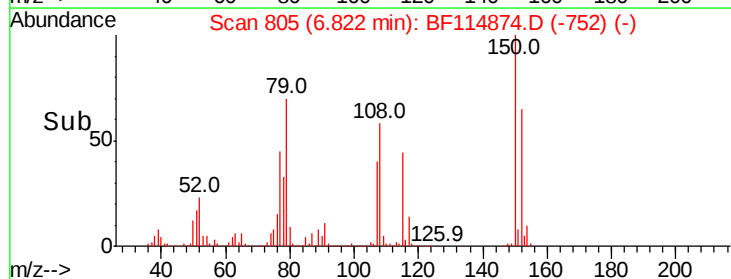
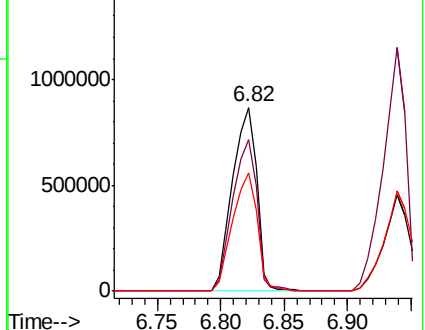
77 64.6 50.6 76.0

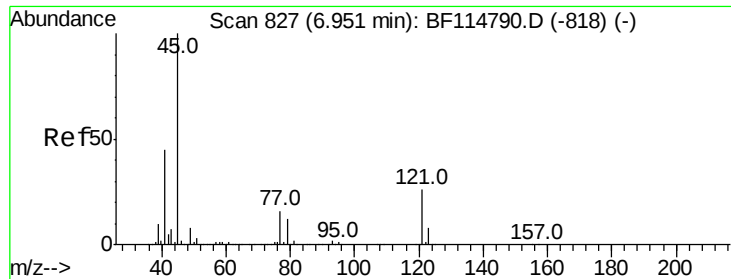


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

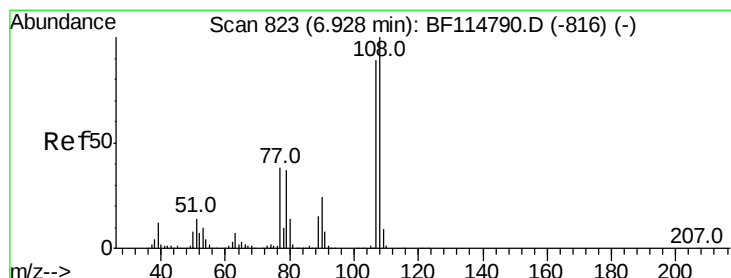
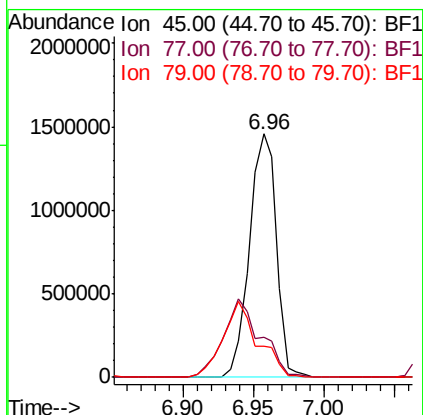
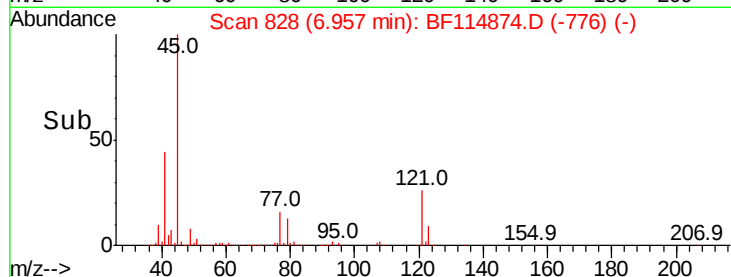
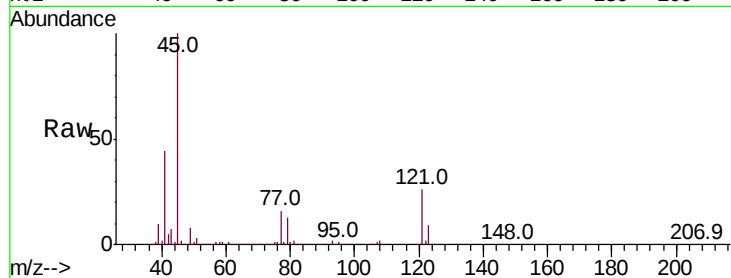




#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 43.329 ng  
RT: 6.96 min Scan# 828  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

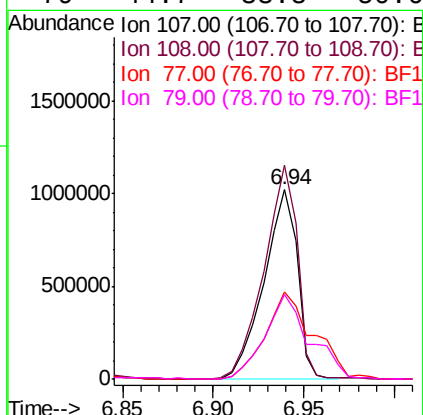
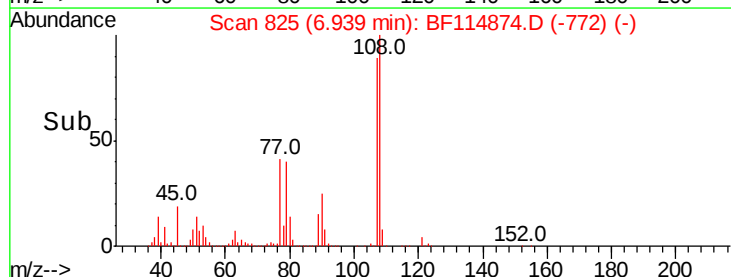
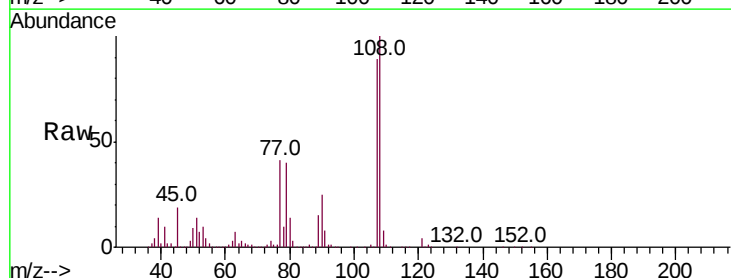
Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200050MSD

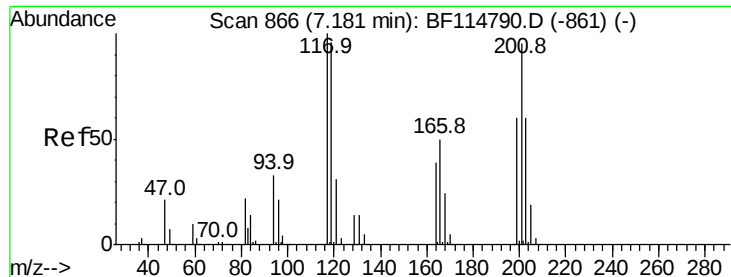
Tot Ion: 45 Resp: 1961075  
Ion Ratio Lower Upper  
45 100  
77 16.2 0.0 35.8  
79 12.6 0.0 32.0



#17  
2-Methylphenol  
Concen: 45.226 ng  
RT: 6.94 min Scan# 825  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Tgt Ion:107 Resp: 1301598  
Ion Ratio Lower Upper  
107 100  
108 112.8 90.2 135.2  
77 46.3 34.5 51.7  
79 44.7 33.8 50.6

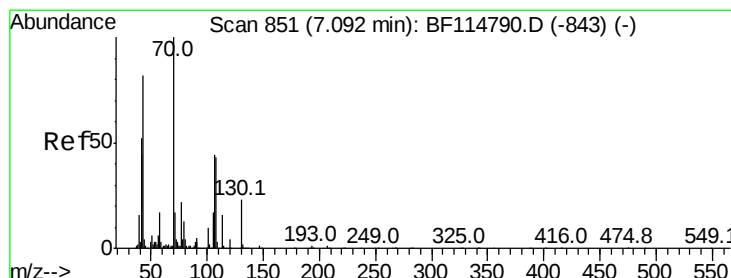
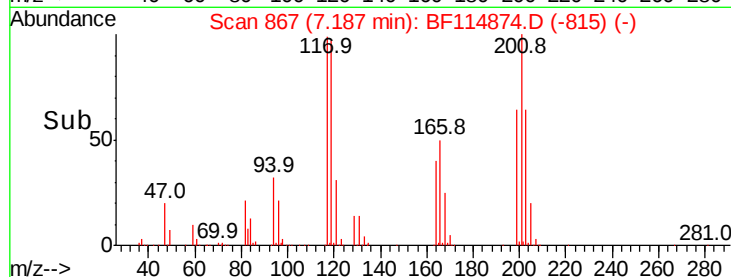
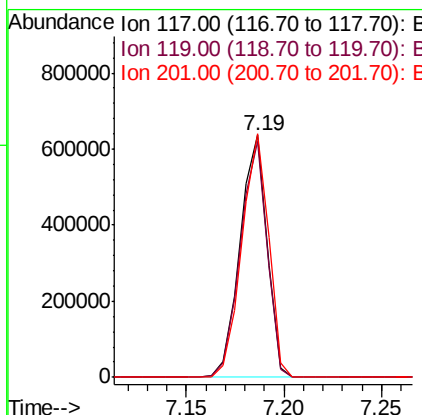
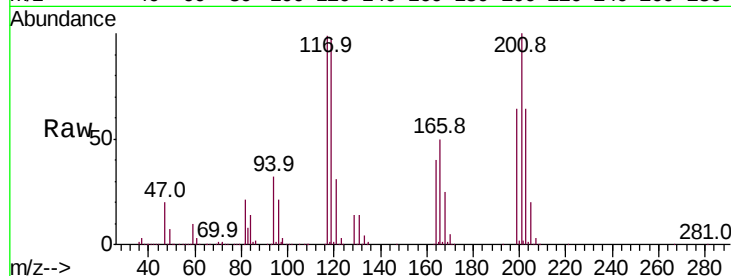




#18  
Hexachloroethane  
Concen: 40.844 ng  
RT: 7.19 min Scan# 867  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

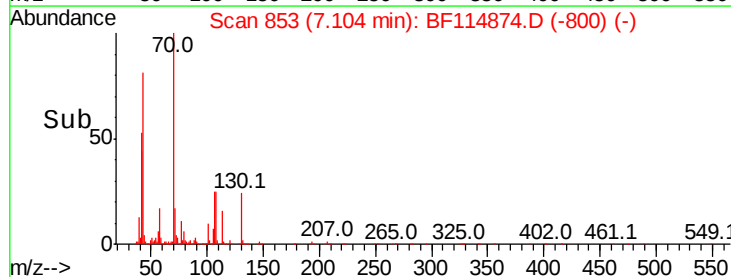
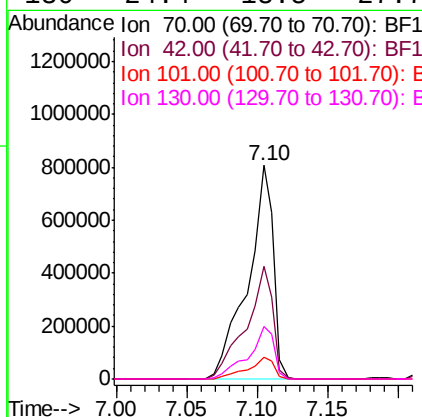
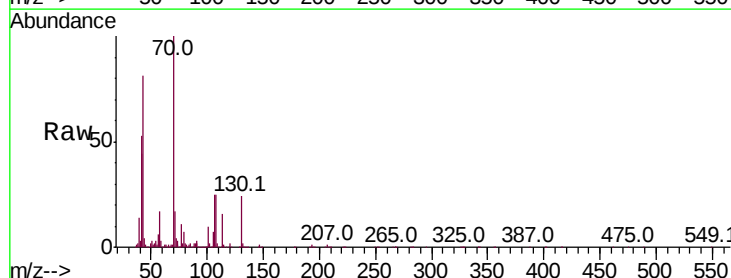
Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200050MSD

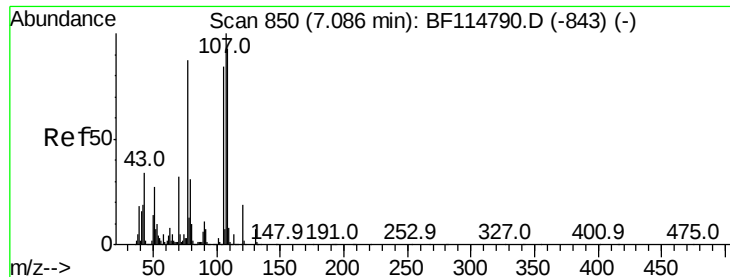
Tot Ion:117 Resp: 606901  
Ion Ratio Lower Upper  
117 100  
119 97.5 77.0 115.4  
201 100.6 76.0 114.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 43.908 ng  
RT: 7.10 min Scan# 853  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Tgt Ion: 70 Resp: 1030614  
Ion Ratio Lower Upper  
70 100  
42 52.9 41.8 62.8  
101 10.2 8.2 12.4  
130 24.4 18.5 27.7

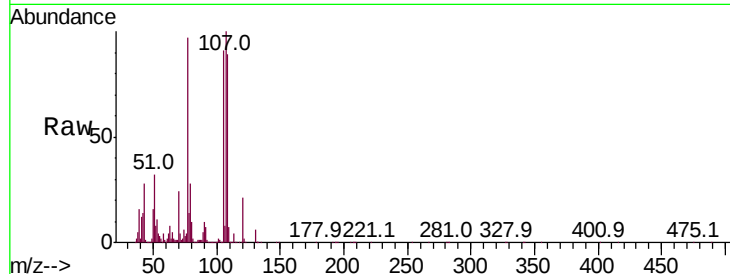




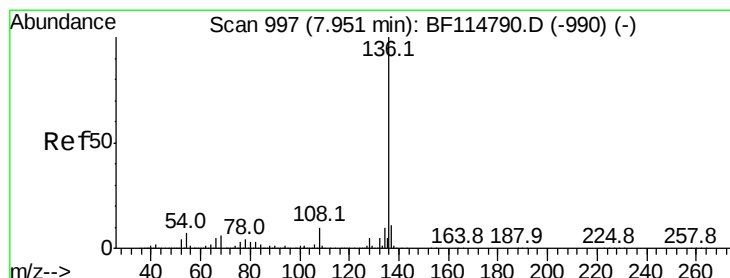
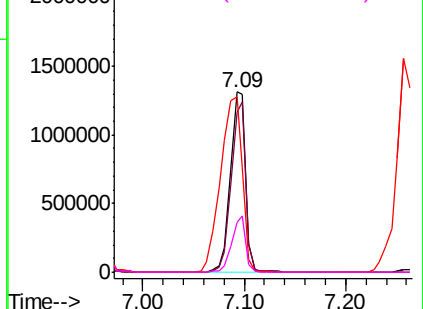
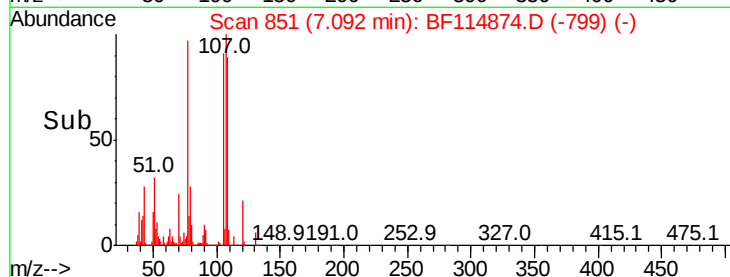
#20  
3+4-Methylphenols  
Concen: 42.885 ng  
RT: 7.09 min Scan# 851  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200050MSD

Tot Ion:107 Resp: 1361313  
Ion Ratio Lower Upper  
107 100  
108 88.7 73.5 113.5  
77 97.0 67.2 107.2  
79 27.7 10.6 50.6

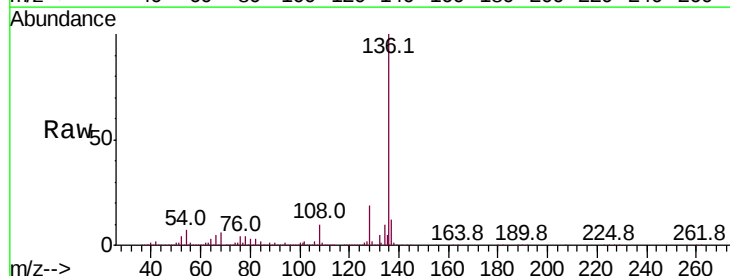


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

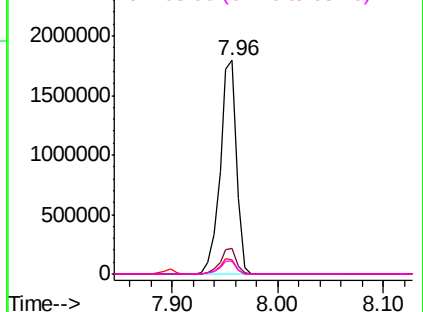
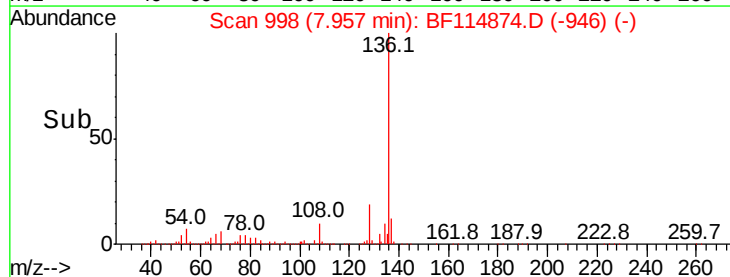


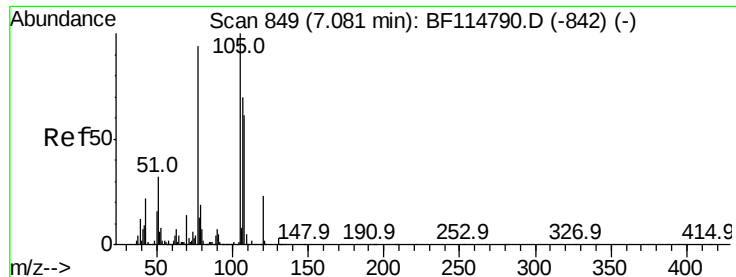
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.96 min Scan# 998  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Tgt Ion:136 Resp: 1952502  
Ion Ratio Lower Upper  
136 100  
137 11.8 9.1 13.7  
54 6.7 5.4 8.0  
68 5.9 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

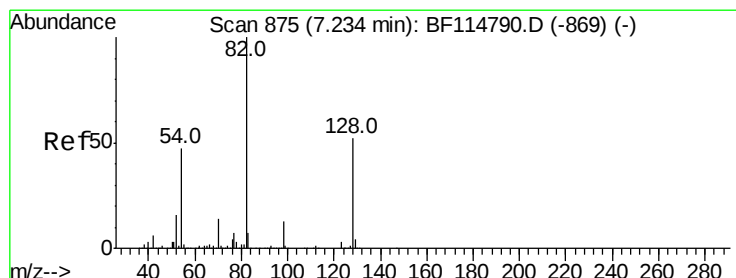
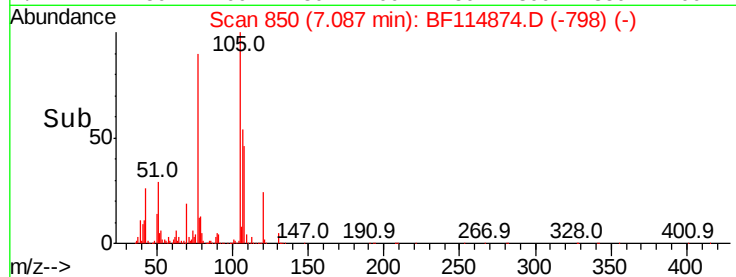
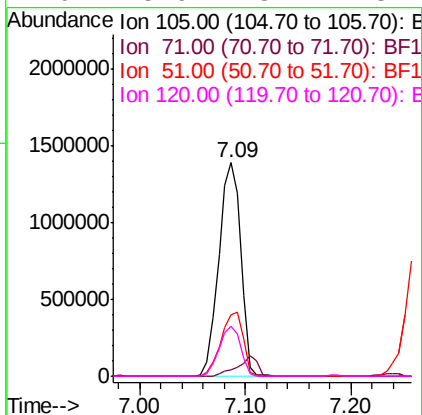
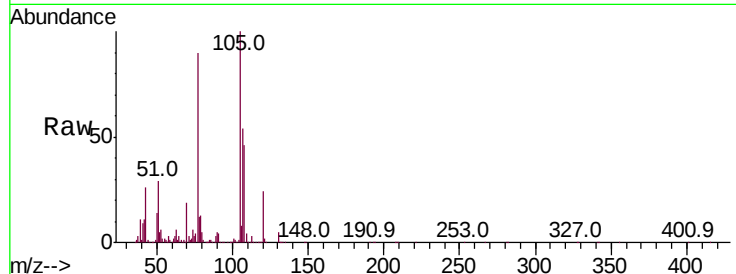




#22  
Acetophenone  
Concen: 46.856 ng  
RT: 7.09 min Scan# 850  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

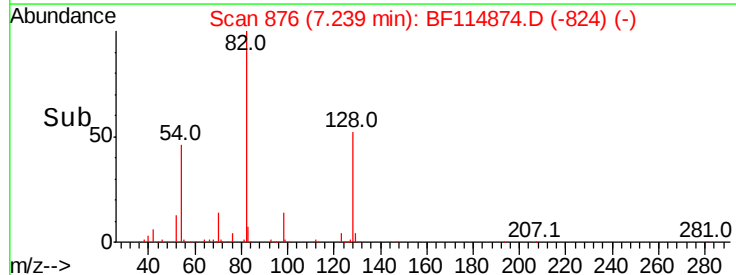
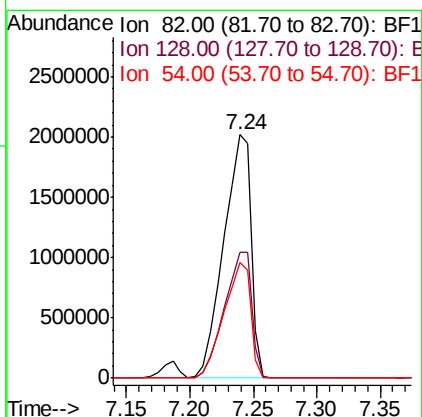
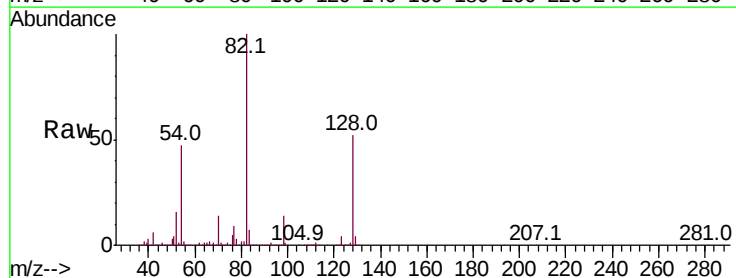
Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200050MSD

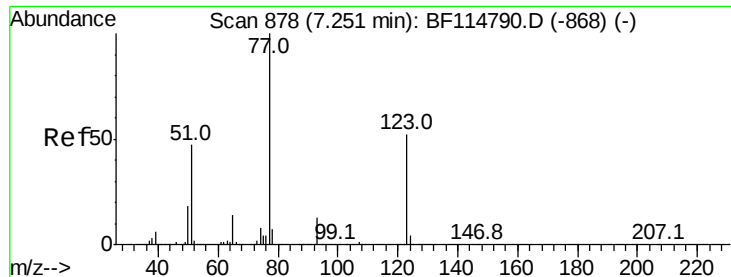
Tot Ion:105 Resp: 2014204  
Ion Ratio Lower Upper  
105 100  
71 3.2 2.0 3.0#  
51 28.8 25.4 38.0  
120 23.6 18.7 28.1



#23  
Nitrobenzene-d5  
Concen: 94.533 ng  
RT: 7.24 min Scan# 876  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Tgt Ion: 82 Resp: 2998396  
Ion Ratio Lower Upper  
82 100  
128 51.6 41.8 62.6  
54 47.3 37.9 56.9





#24

Nitrobenzene

Concen: 47.177 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

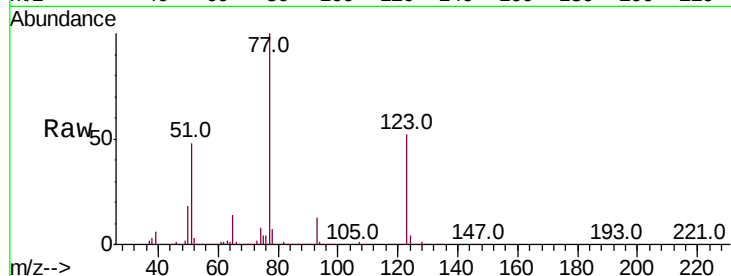
BNA\_F

ClientSampleId :

RBR-200050MSD

Tot Ion: 77 Resp: 1550164

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 51.9  | 41.5  | 62.3  |
| 65  | 13.7  | 10.8  | 16.2  |

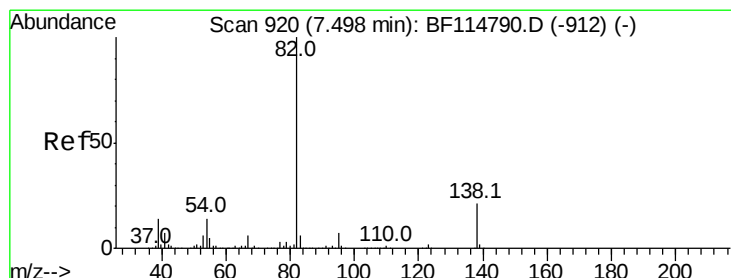
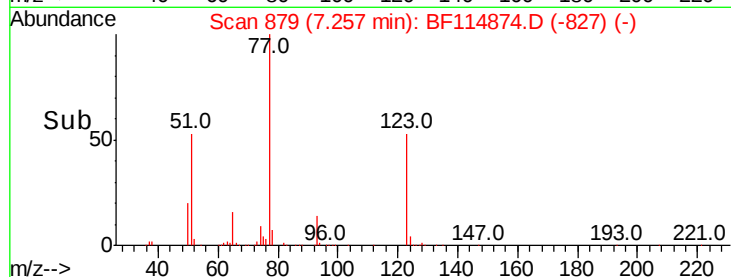
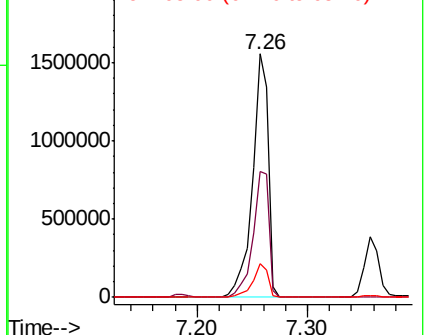


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 47.917 ng

RT: 7.50 min Scan# 921

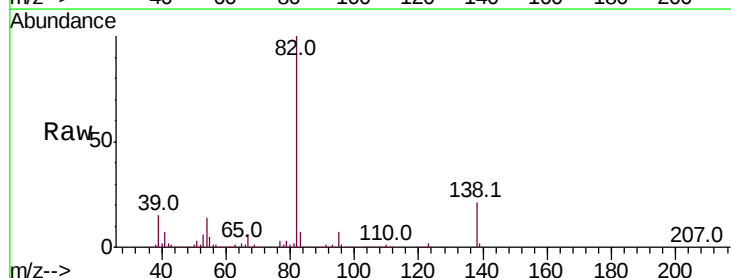
Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Tgt Ion: 82 Resp: 3004610

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 7.3   | 5.8   | 8.8   |
| 138 | 21.2  | 16.9  | 25.3  |

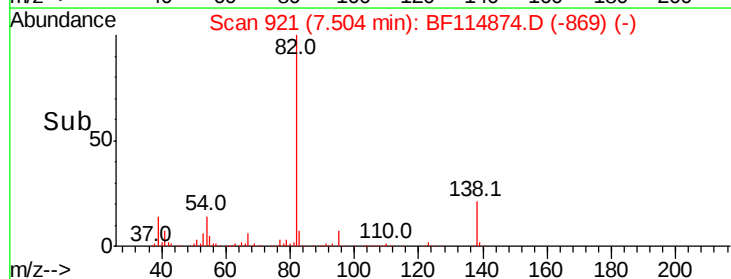
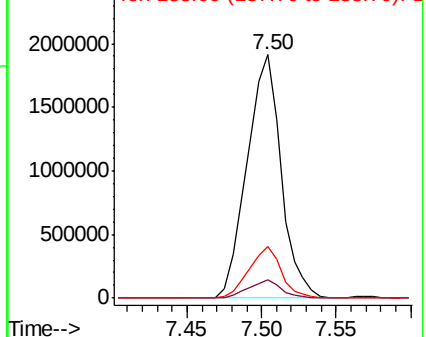


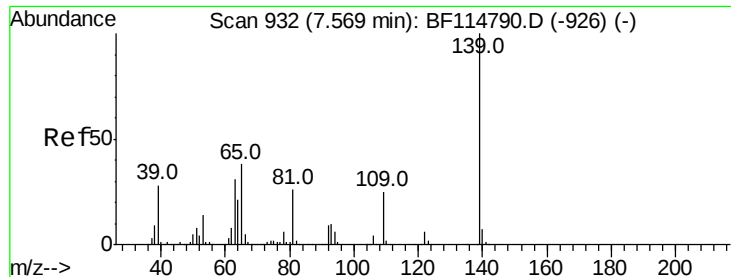
Abundance

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

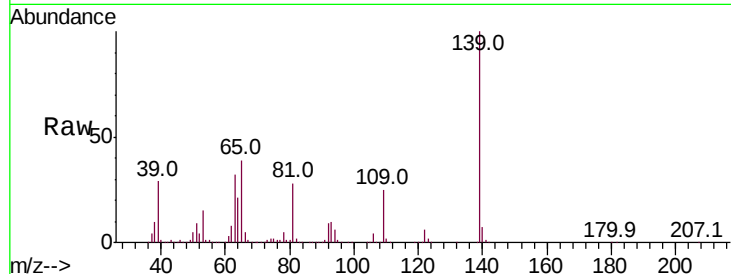




#26  
2-Nitrophenol  
Concen: 50.558 ng  
RT: 7.57 min Scan# 933  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200050MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 25.5  | 20.4  | 30.6  |
| 65      | 38.7  | 30.5  | 45.7  |

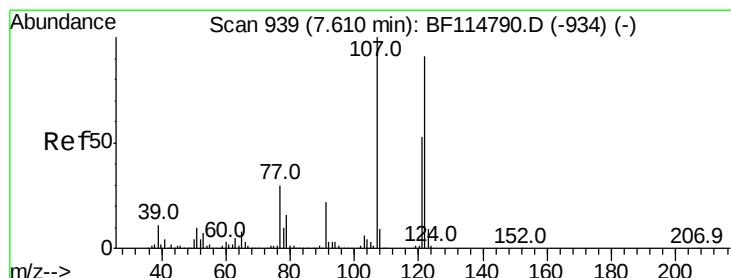
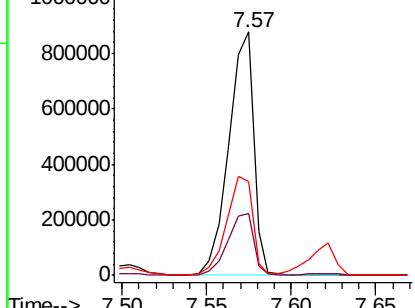
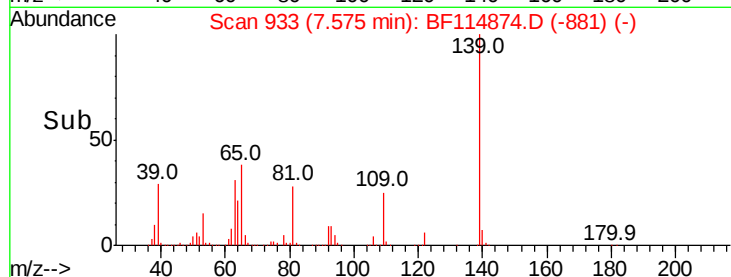


Abundance

Ion 139.00 (138.70 to 139.70): E

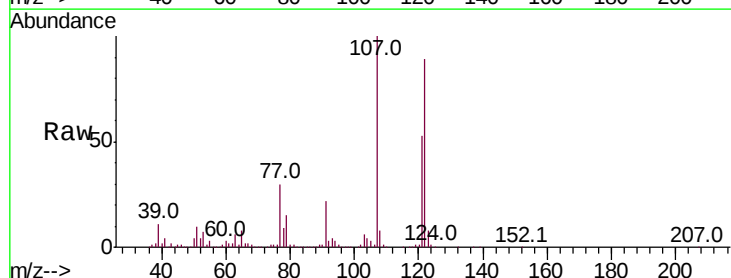
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#27  
2,4-Dimethylphenol  
Concen: 52.517 ng  
RT: 7.62 min Scan# 941  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 112.2 | 87.9  | 131.9 |
| 121     | 59.4  | 46.4  | 69.6  |

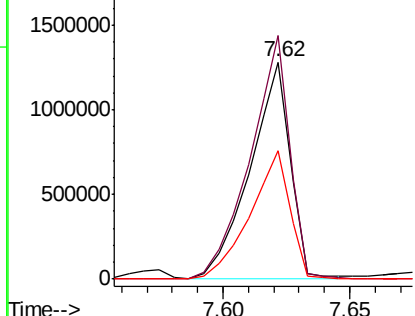
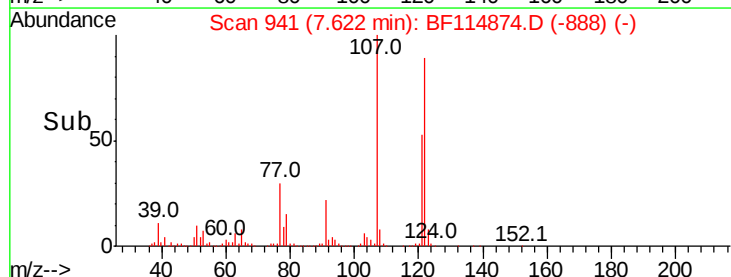


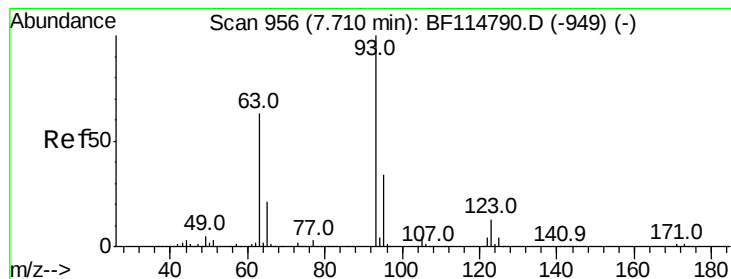
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 46.659 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

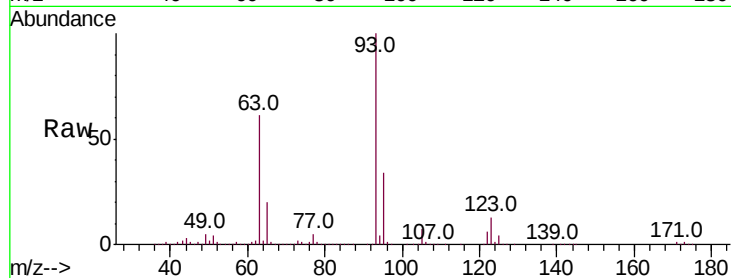
Tot Ion: 93 Resp: 1870251

Ion Ratio Lower Upper

93 100

95 33.8 26.9 40.3

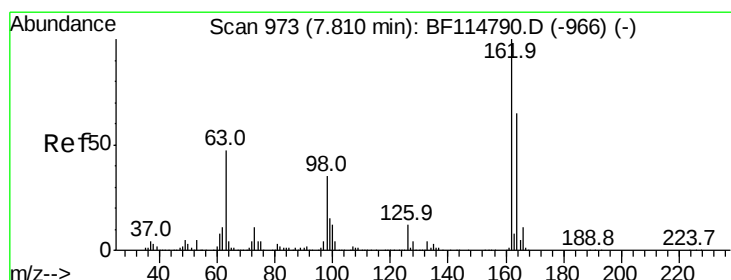
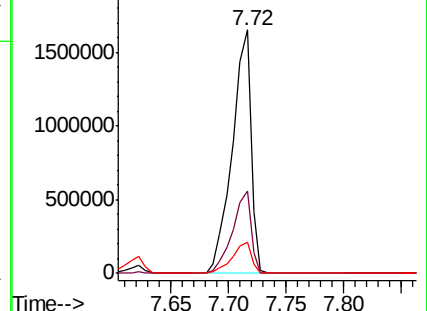
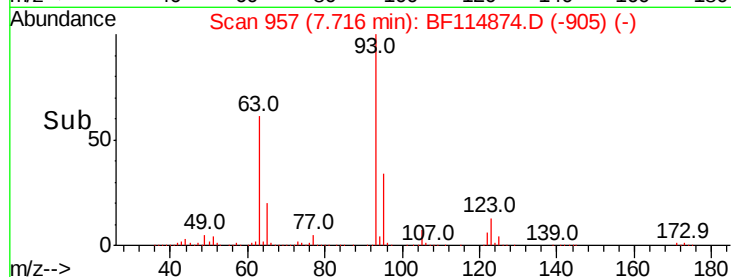
123 13.0 10.4 15.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1



#29

2,4-Dichlorophenol

Concen: 47.533 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

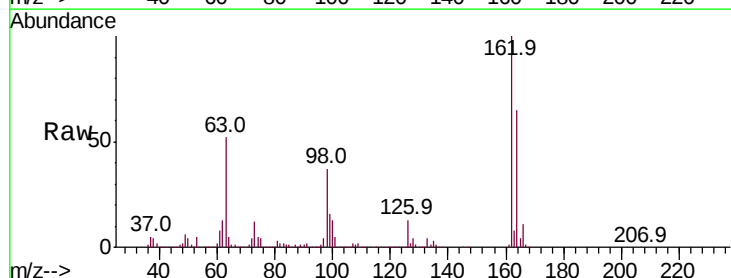
Tgt Ion:162 Resp: 1352711

Ion Ratio Lower Upper

162 100

164 64.6 45.1 85.1

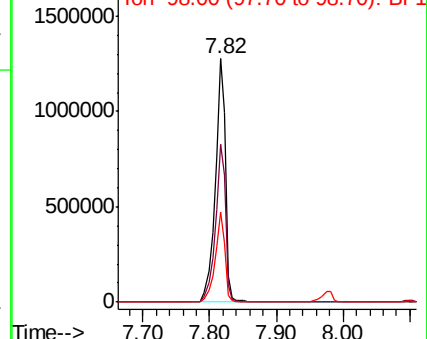
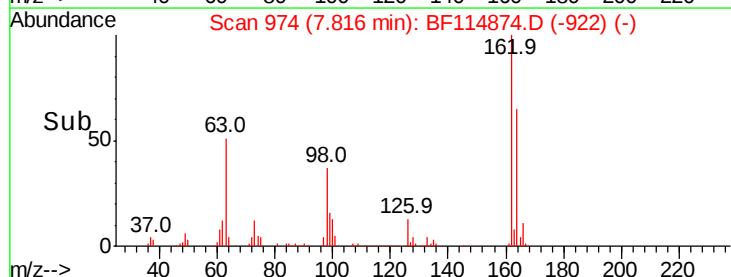
98 37.0 14.6 54.6

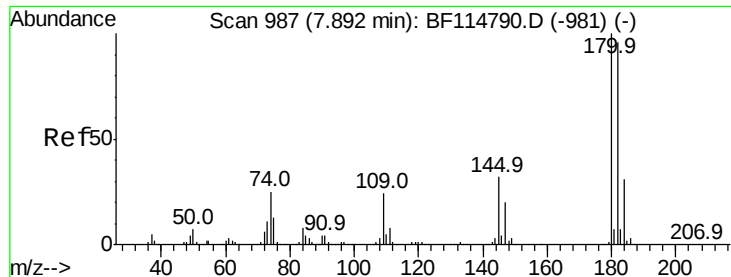


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1

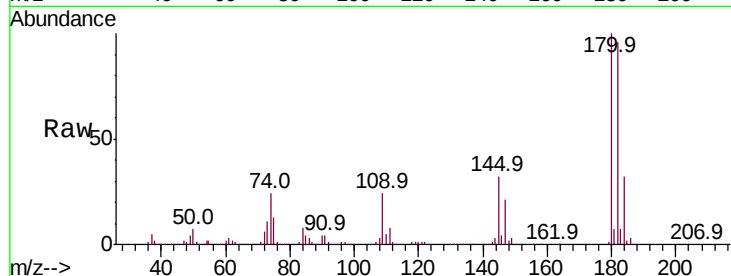




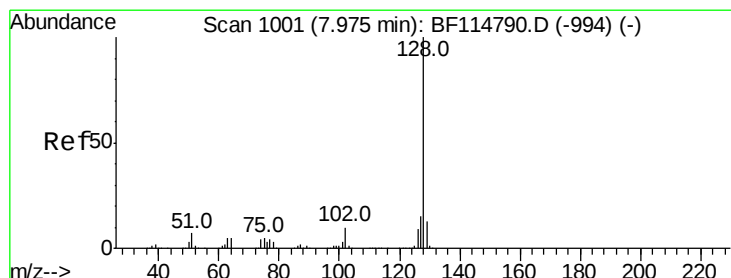
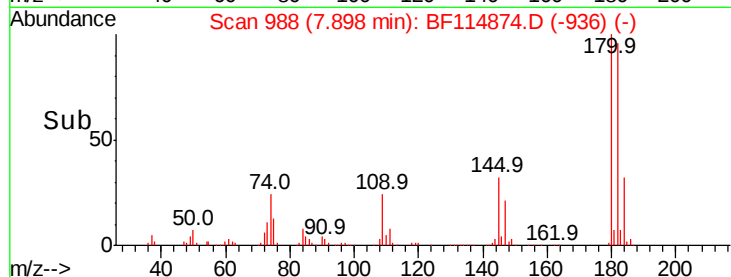
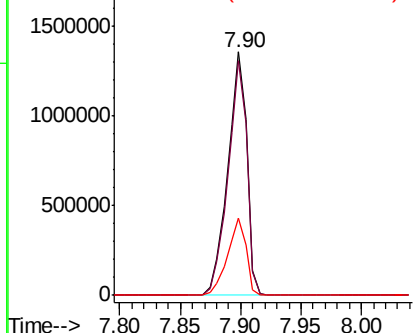
#30  
 1,2,4-Trichlorobenzene  
 Concen: 45.284 ng  
 RT: 7.90 min Scan# 988  
 Delta R.T. 0.01 min  
 Lab File: BF114874.D  
 Acq: 6 Jun 2019 20:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200050MSD

Tot Ion:180 Resp: 1478672  
 Ion Ratio Lower Upper  
 180 100  
 182 96.2 76.5 114.7  
 145 31.8 25.8 38.8

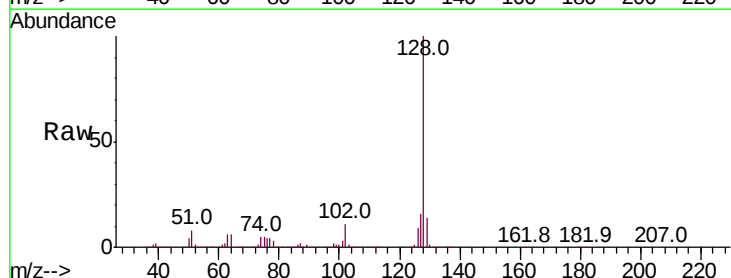


Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

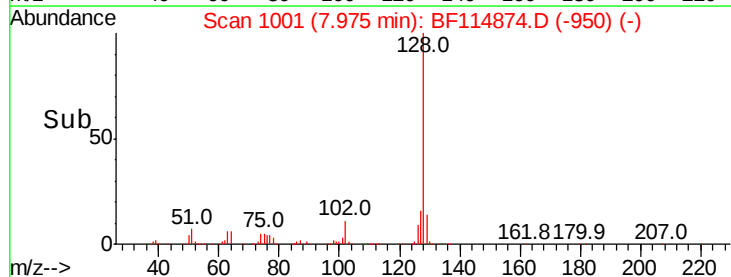
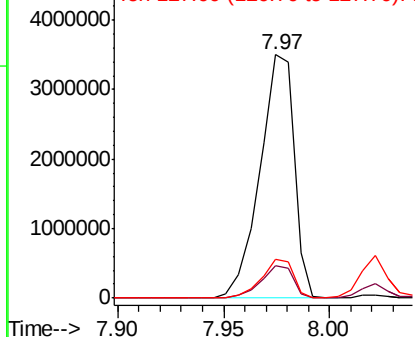


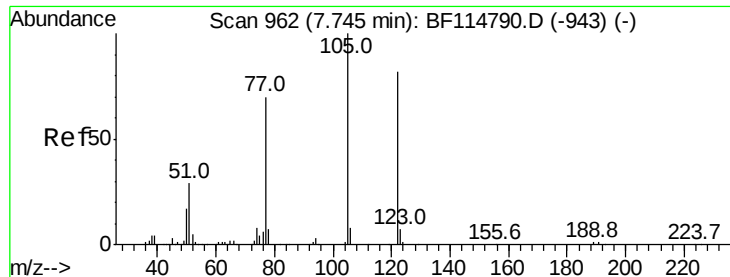
#31  
 Naphthalene  
 Concen: 45.056 ng  
 RT: 7.97 min Scan# 1001  
 Delta R.T. 0.00 min  
 Lab File: BF114874.D  
 Acq: 6 Jun 2019 20:43

Tgt Ion:128 Resp: 3960551  
 Ion Ratio Lower Upper  
 128 100  
 129 13.5 10.0 15.0  
 127 15.7 12.2 18.2



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

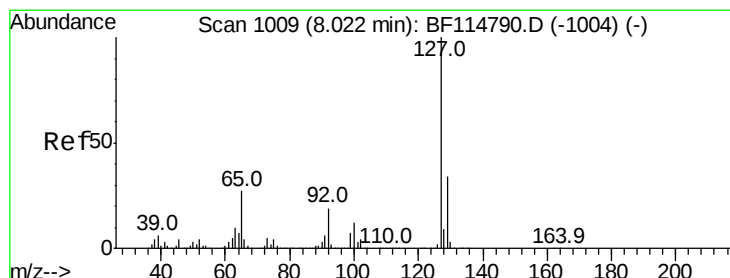
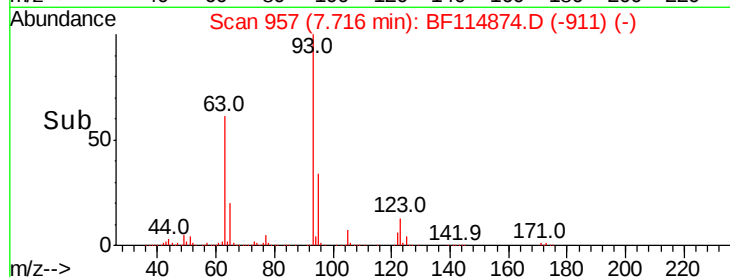
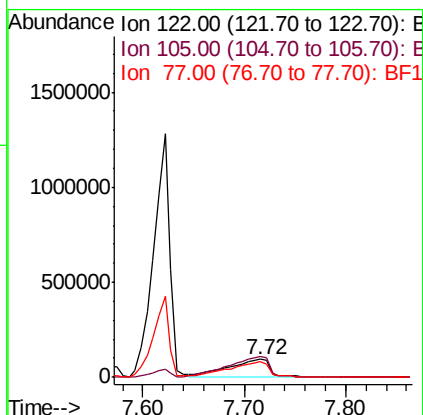
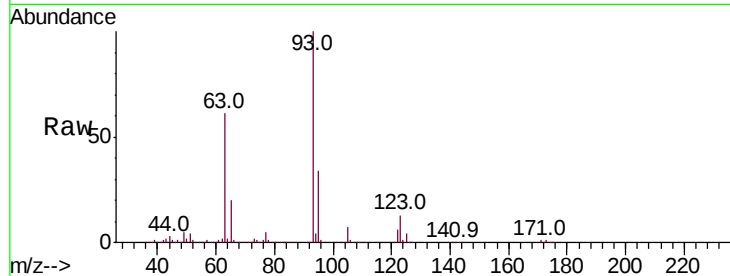




#32  
Benzoic acid  
Concen: 13.852 ng  
RT: 7.72 min Scan# 957  
Delta R.T. -0.03 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

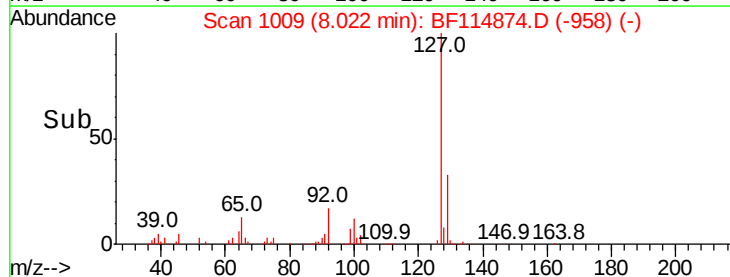
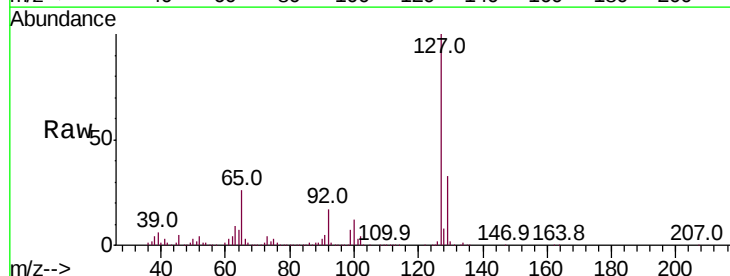
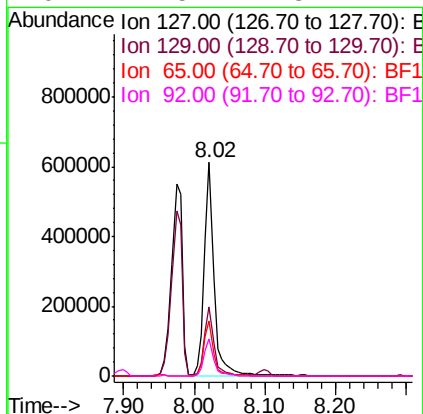
Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200050MSD

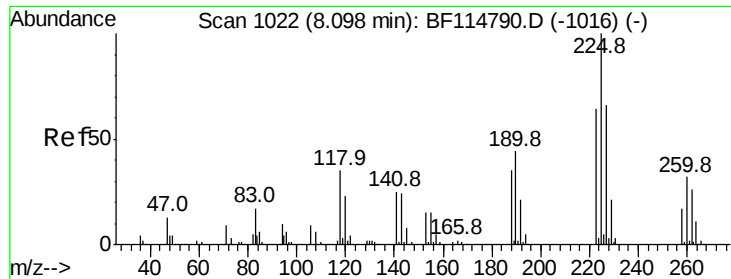
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 116.8 | 98.7  | 138.7 |
| 77      | 87.1  | 64.8  | 104.8 |



#33  
4-Chloroaniline  
Concen: 14.236 ng  
RT: 8.02 min Scan# 1009  
Delta R.T. 0.00 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.6  | 26.9  | 40.3  |
| 65      | 25.9  | 21.7  | 32.5  |
| 92      | 17.5  | 14.8  | 22.2  |

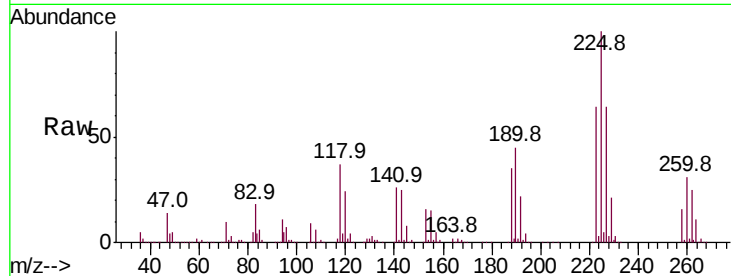




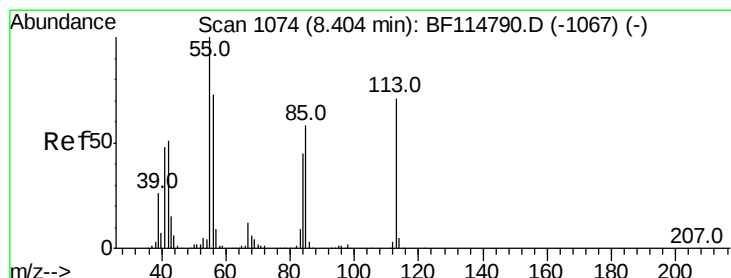
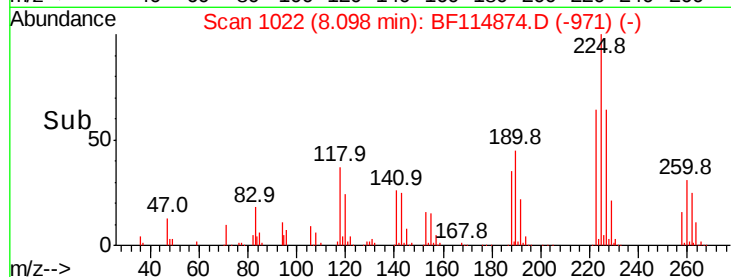
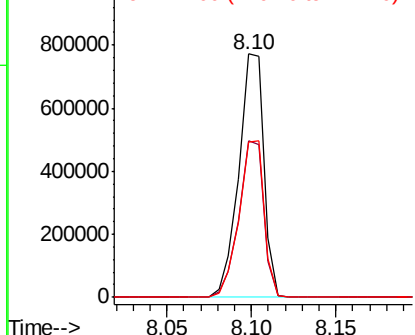
#34  
Hexachlorobutadiene  
Concen: 43.061 ng  
RT: 8.10 min Scan# 1022  
Delta R.T. 0.00 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200050MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.2  | 51.0  | 76.6  |
| 227     | 63.9  | 52.6  | 78.8  |

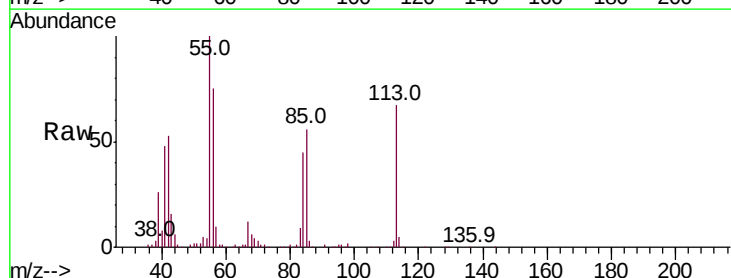


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

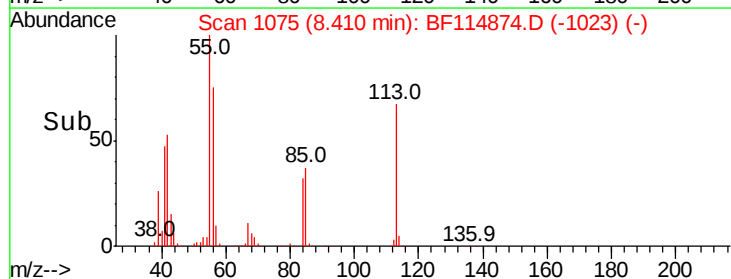
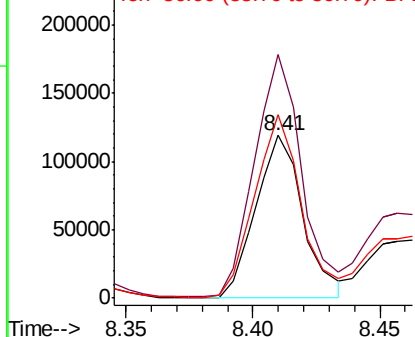


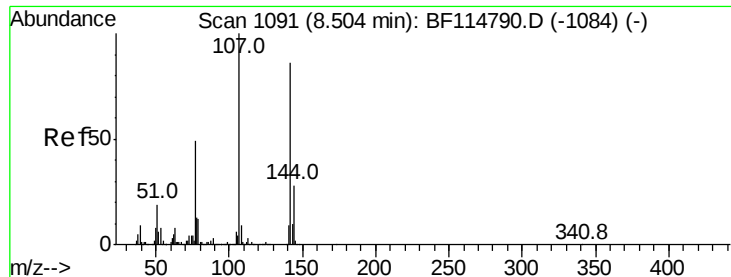
#35  
Caprolactam  
Concen: 16.718 ng  
RT: 8.41 min Scan# 1075  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 149.7 | 121.1 | 161.1 |
| 56      | 112.6 | 82.6  | 122.6 |



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

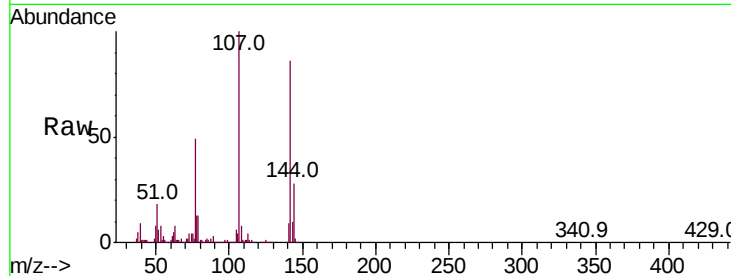




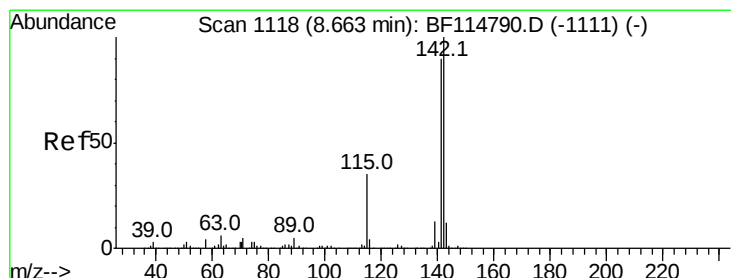
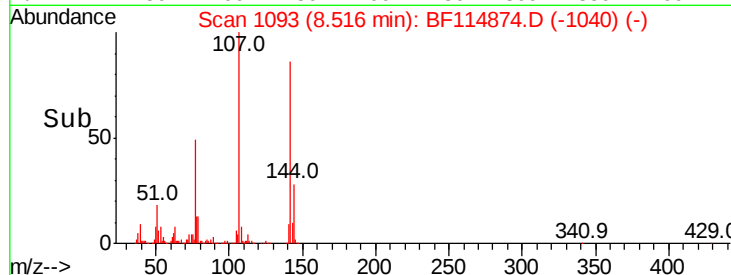
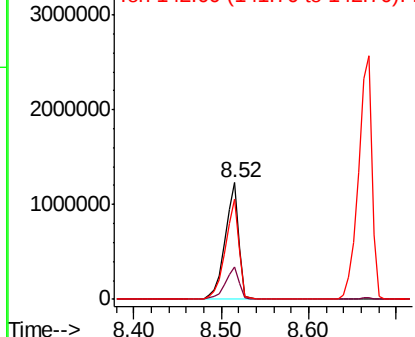
#36  
4-Chloro-3-methylphenol  
Concen: 47.268 ng  
RT: 8.52 min Scan# 1093  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200050MSD

Tot Ion:107 Resp: 1338544  
Ion Ratio Lower Upper  
107 100  
144 28.1 22.1 33.1  
142 85.5 68.4 102.6

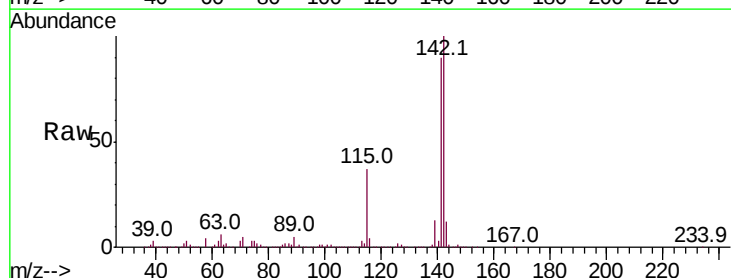


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E

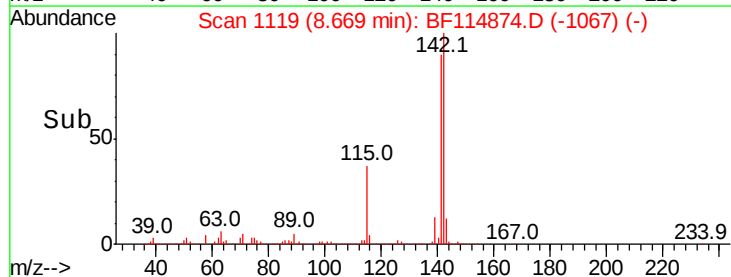
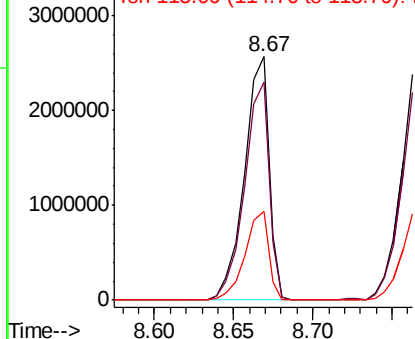


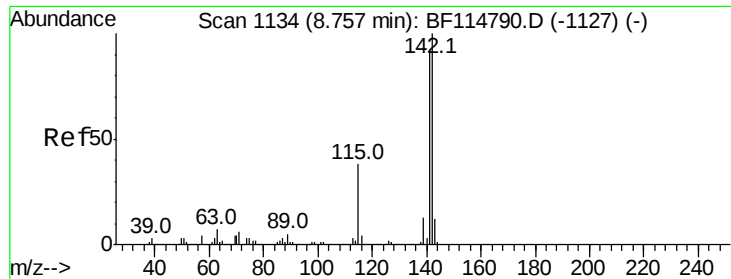
#37  
2-Methylnaphthalene  
Concen: 45.368 ng  
RT: 8.67 min Scan# 1119  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Tgt Ion:142 Resp: 2766109  
Ion Ratio Lower Upper  
142 100  
141 89.8 71.6 107.4  
115 36.6 28.2 42.4



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

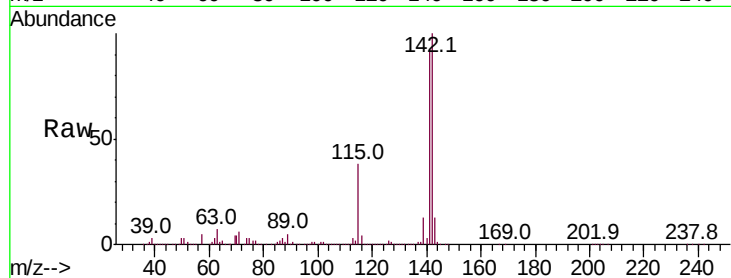




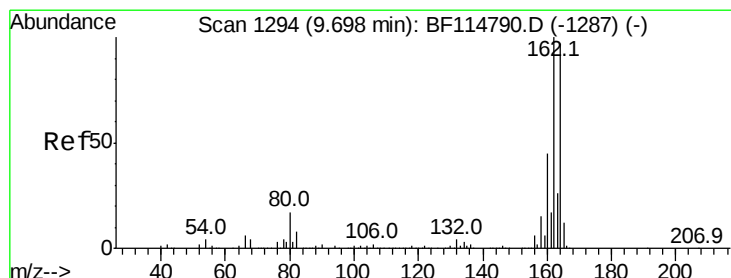
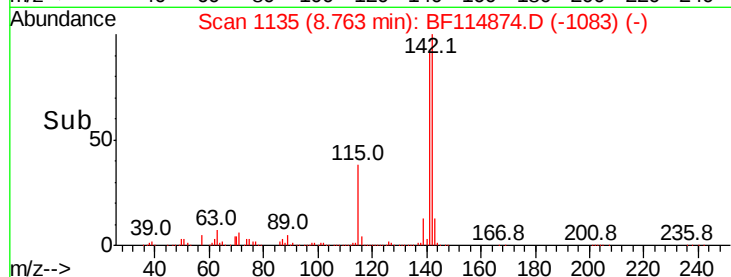
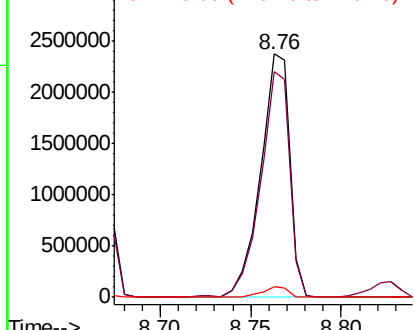
#38  
1-Methylnaphthalene  
Concen: 45.875 ng  
RT: 8.76 min Scan# 1135  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200050MSD

Tot Ion:142 Resp: 2652494  
Ion Ratio Lower Upper  
142 100  
141 92.5 73.8 110.6  
116 4.1 3.3 4.9

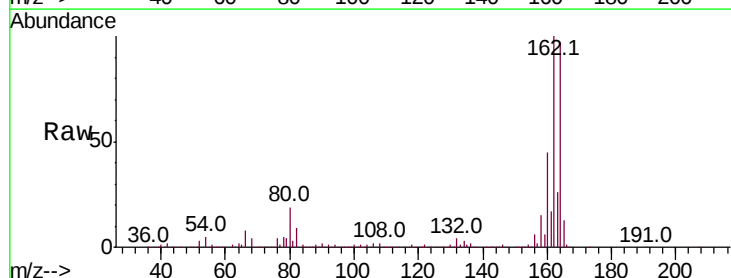


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E

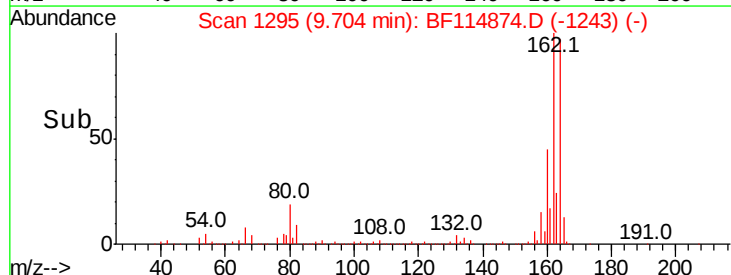
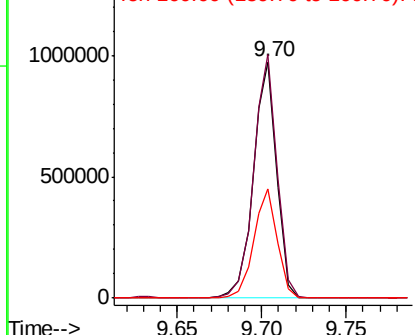


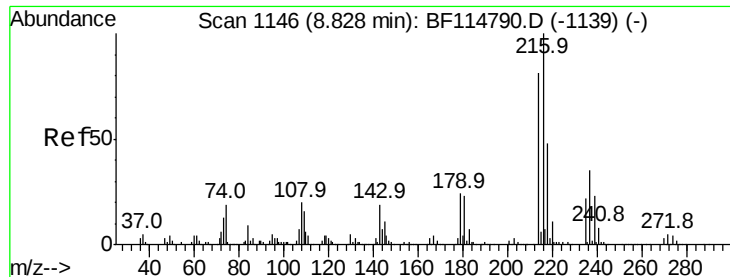
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.70 min Scan# 1295  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Tgt Ion:164 Resp: 933272  
Ion Ratio Lower Upper  
164 100  
162 103.1 82.3 123.5  
160 46.4 36.7 55.1



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: 43.664 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

Tot Ion:216 Resp: 1174365

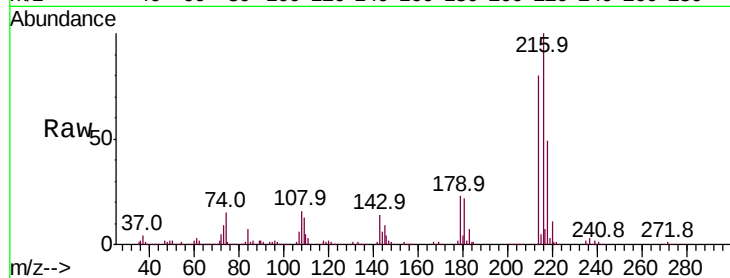
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.2

179 23.2 18.3 27.5

108 21.5 15.5 23.3

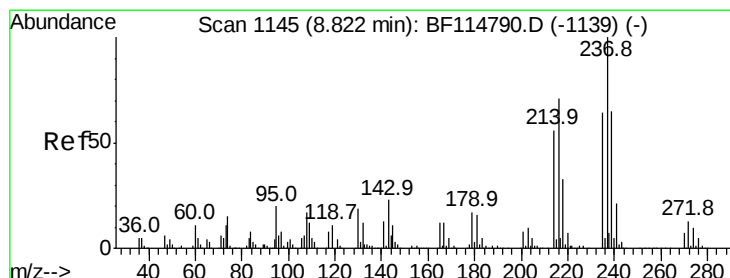
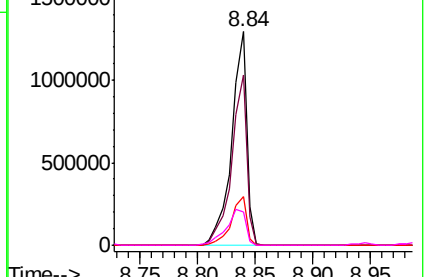
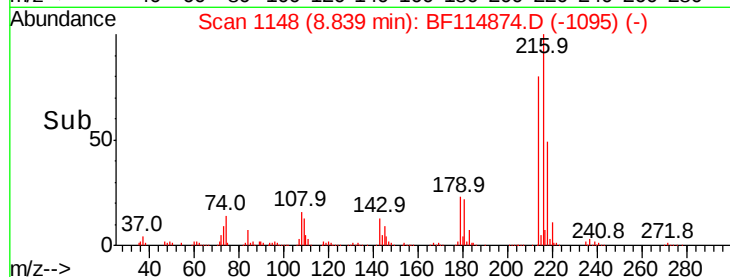


Abundance Ion 216.00 (215.70 to 216.70): E

2000000 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: 81.940 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

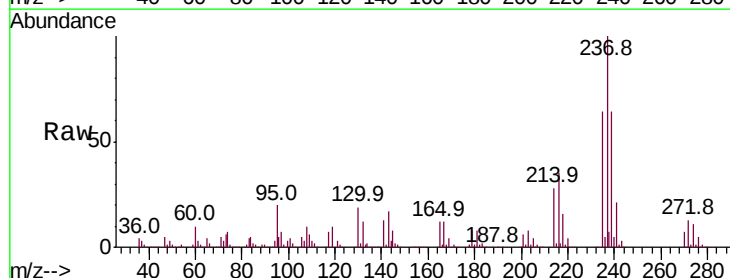
Tgt Ion:237 Resp: 1336597

Ion Ratio Lower Upper

237 100

235 63.6 44.0 84.0

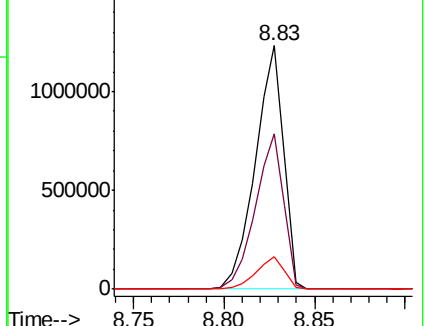
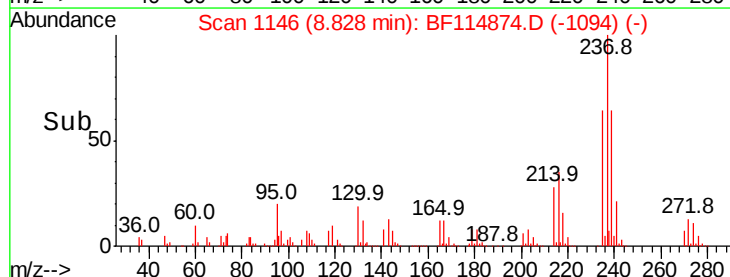
272 13.3 0.0 33.4

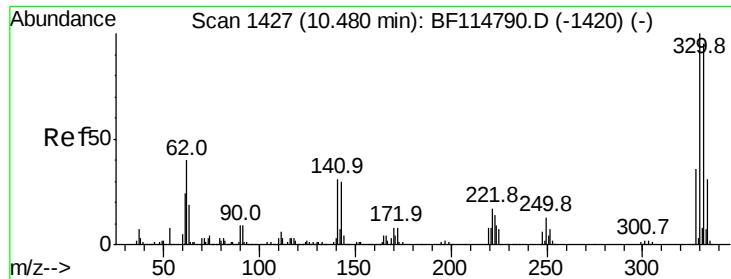


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 119.266 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

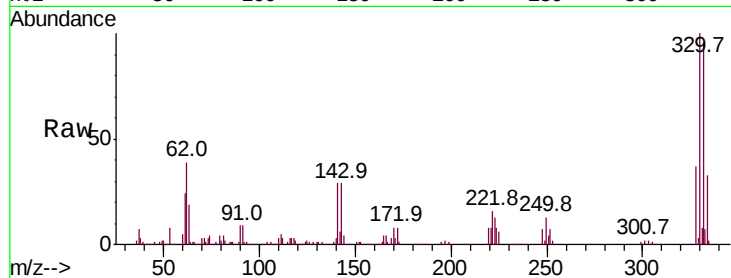
Tot Ion:330 Resp: 1199520

Ion Ratio Lower Upper

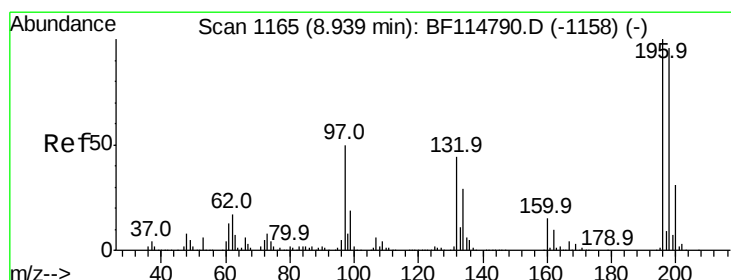
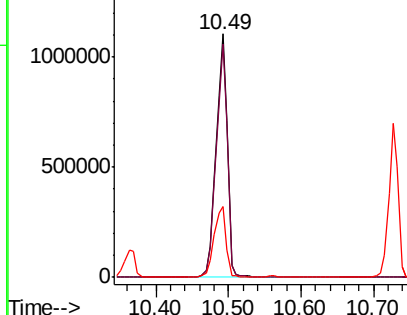
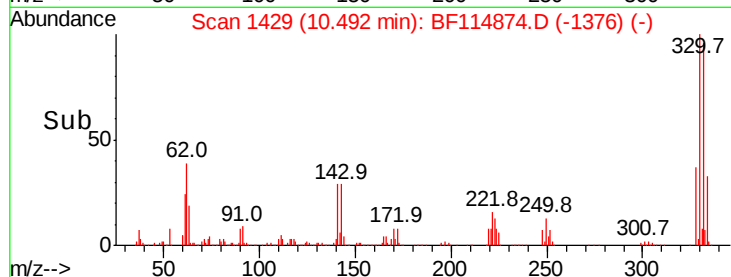
330 100

332 96.4 77.3 115.9

141 31.1 26.2 39.4



Abundance Ion 329.80 (329.50 to 330.50): E  
1500000  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 46.871 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

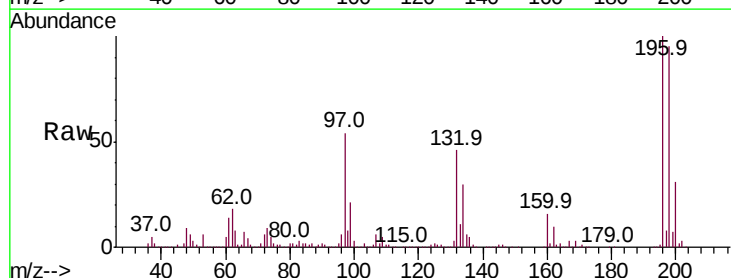
Tgt Ion:196 Resp: 980244

Ion Ratio Lower Upper

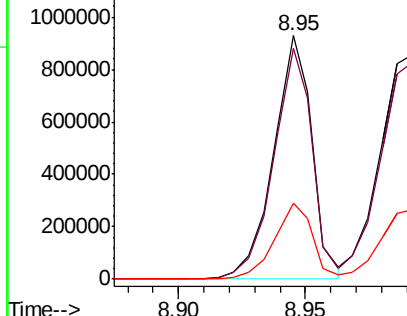
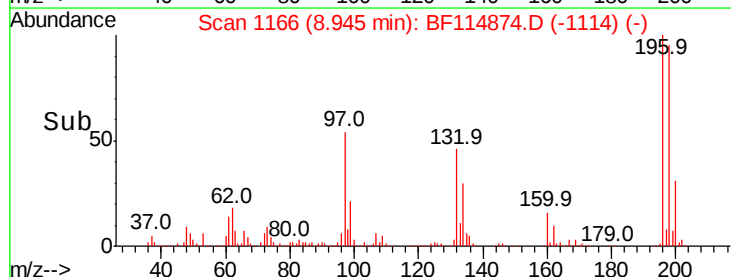
196 100

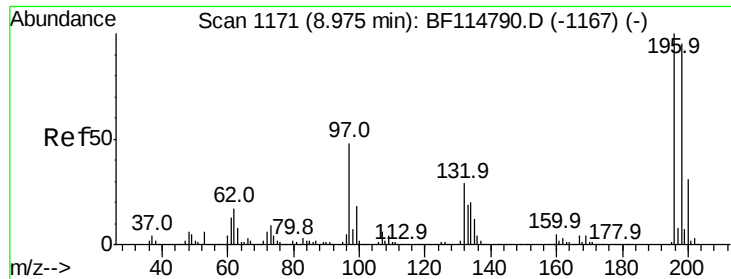
198 94.9 77.1 115.7

200 31.1 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E  
1200000  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E





#44

2,4,5-Trichlorophenol

Concen: 48.225 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.02 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

Tot Ion:196 Resp: 1015725

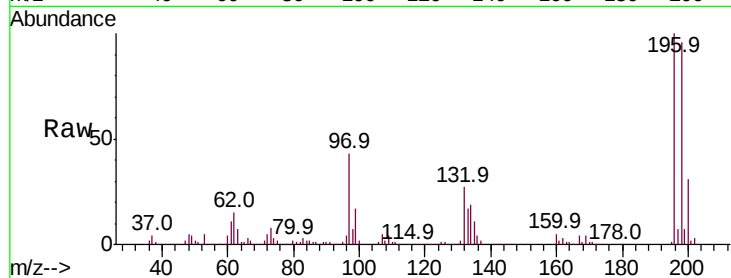
Ion Ratio Lower Upper

196 100

198 96.5 76.2 114.4

97 42.7 38.2 57.4

132 27.2 23.7 35.5

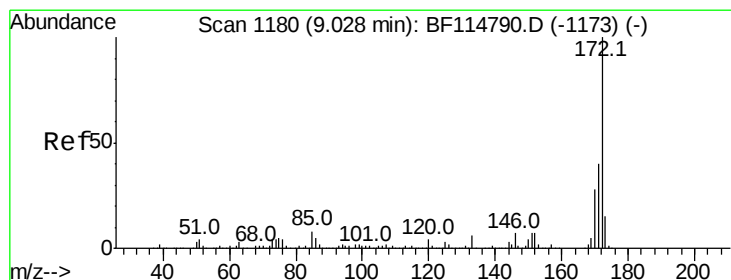
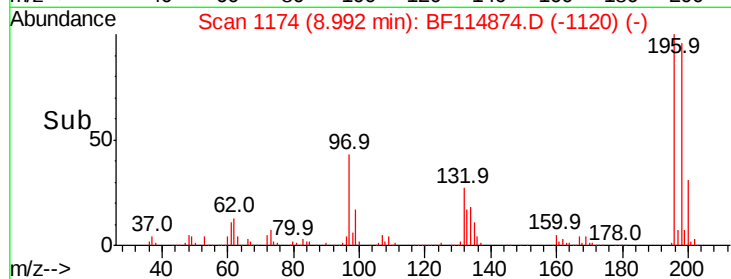
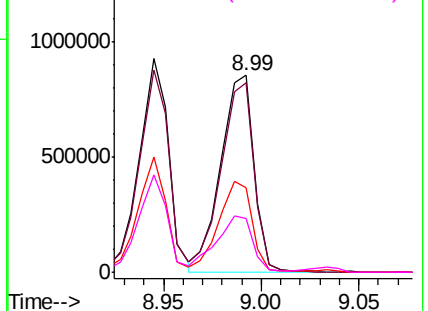


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 95.268 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

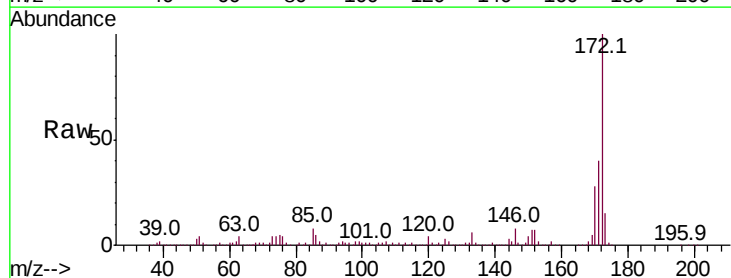
Tgt Ion:172 Resp: 4746271

Ion Ratio Lower Upper

172 100

171 40.3 32.3 48.5

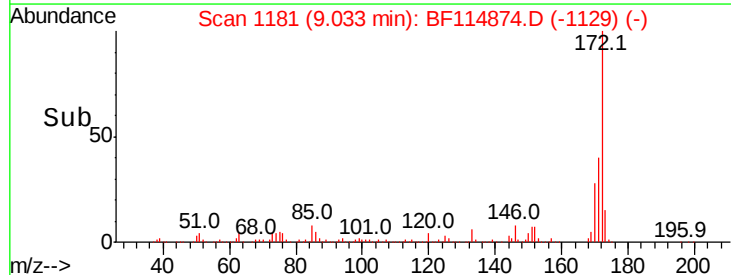
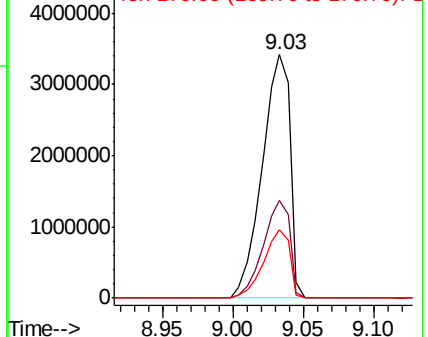
170 27.9 22.4 33.6

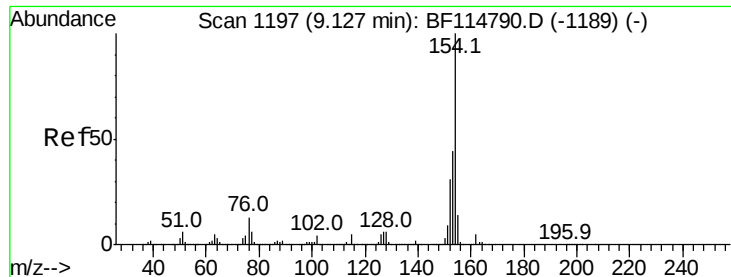


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 45.374 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

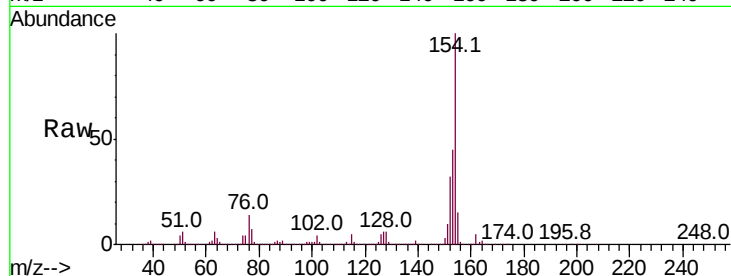
Tot Ion:154 Resp: 3138526

Ion Ratio Lower Upper

154 100

153 44.6 23.9 63.9

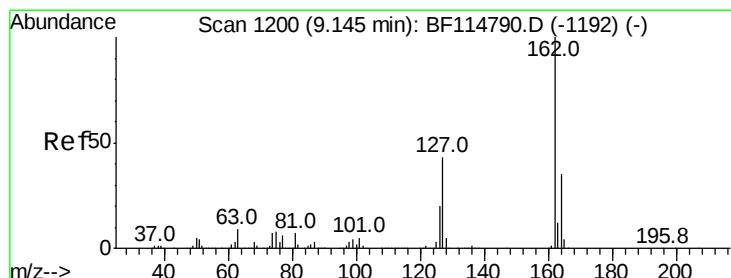
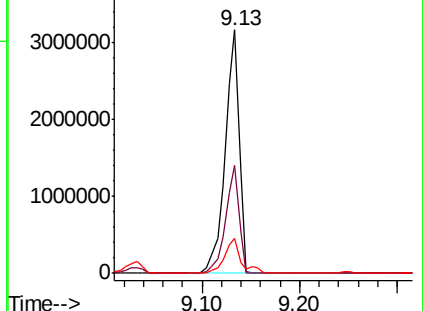
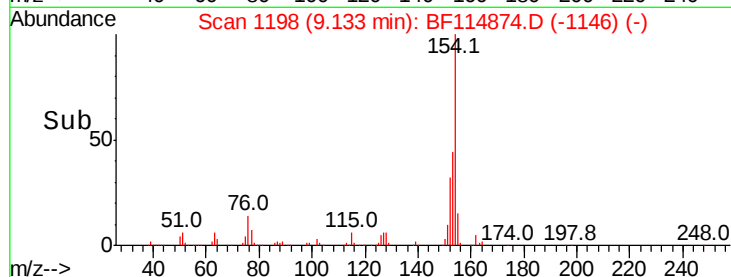
76 14.3 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Chloronaphthalene

Concen: 44.388 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

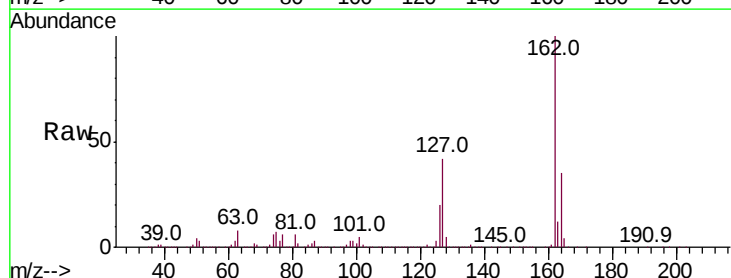
Tgt Ion:162 Resp: 2608885

Ion Ratio Lower Upper

162 100

127 42.1 34.6 51.8

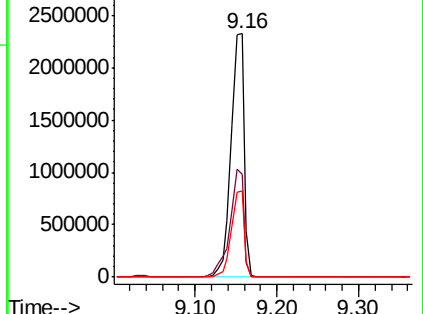
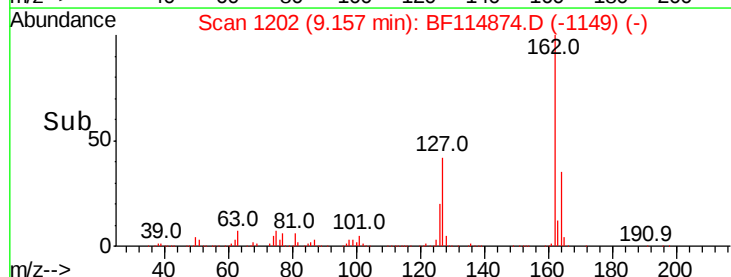
164 35.5 27.8 41.8

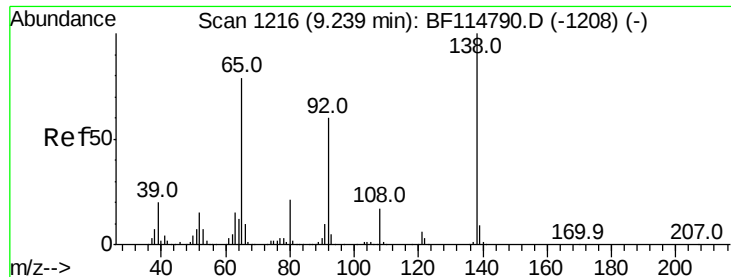


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

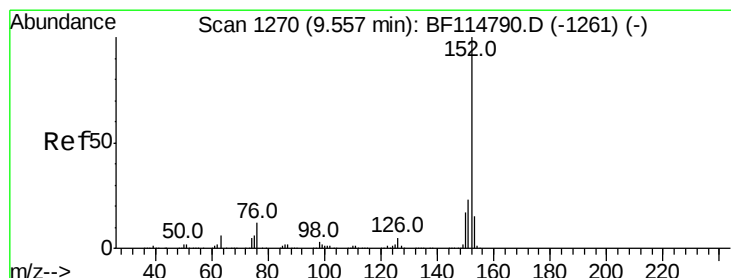
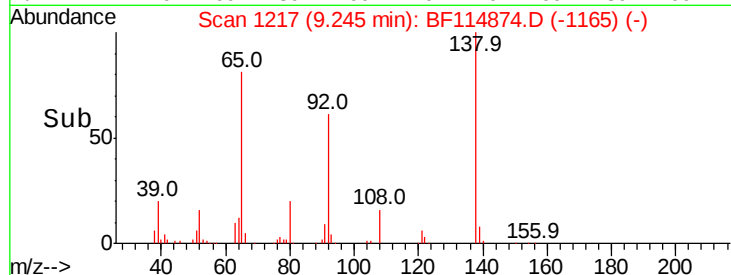
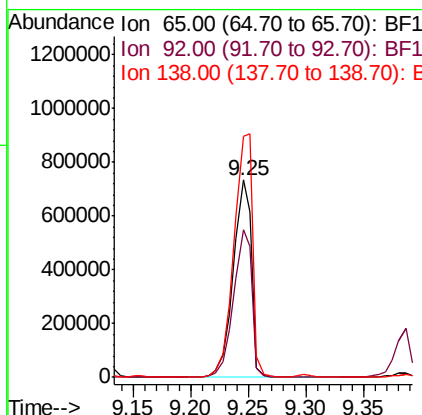
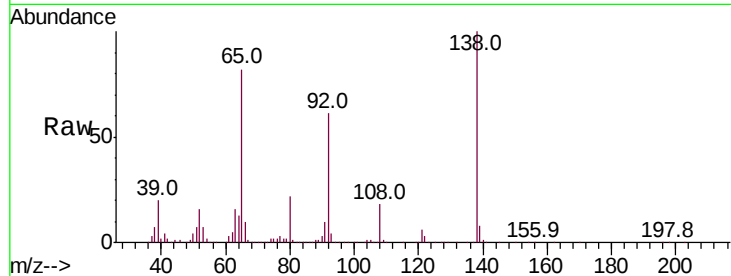




#48  
2-Nitroaniline  
Concen: 45.893 ng  
RT: 9.25 min Scan# 1217  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

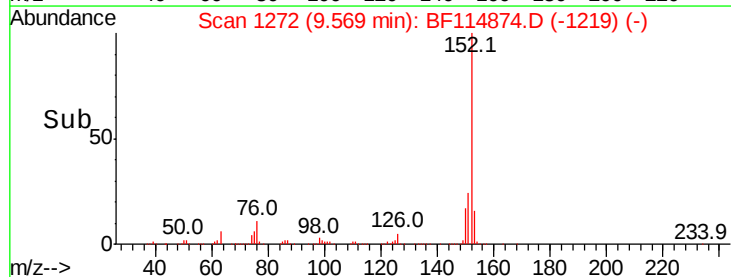
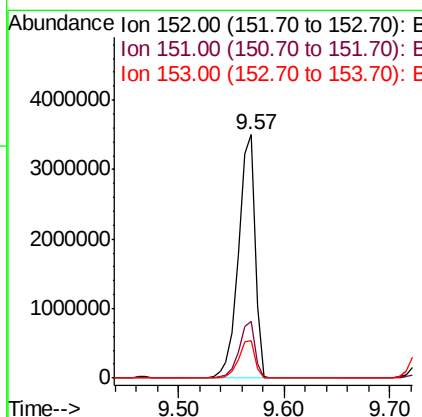
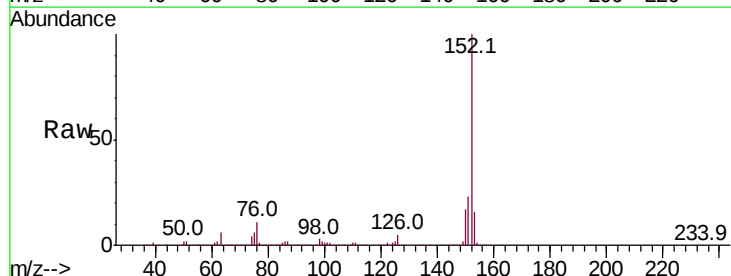
Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200050MSD

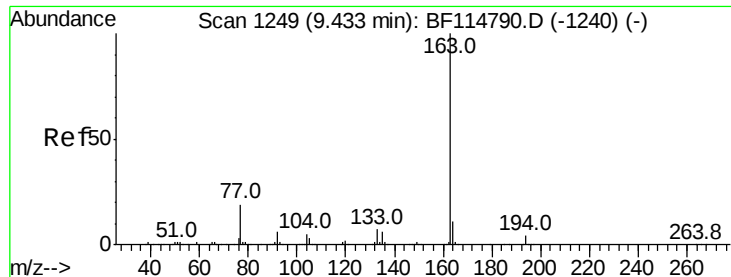
Tot Ion: 65 Resp: 804957  
Ion Ratio Lower Upper  
65 100  
92 74.6 60.4 90.6  
138 122.2 101.2 151.8



#49  
Acenaphthylene  
Concen: 43.980 ng  
RT: 9.57 min Scan# 1272  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Tgt Ion: 152 Resp: 3748599  
Ion Ratio Lower Upper  
152 100  
151 23.5 18.3 27.5  
153 15.5 12.3 18.5

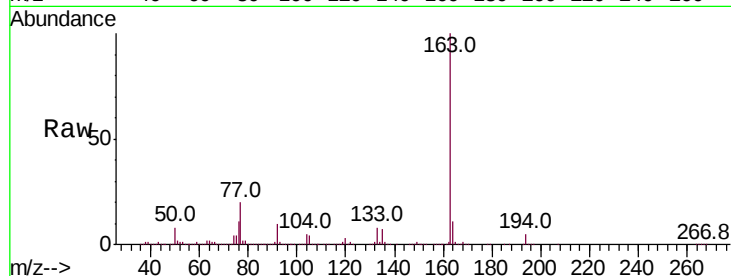




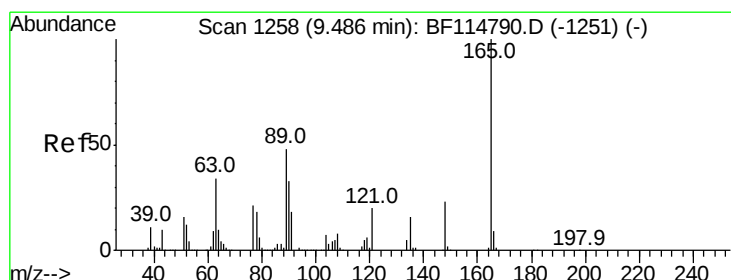
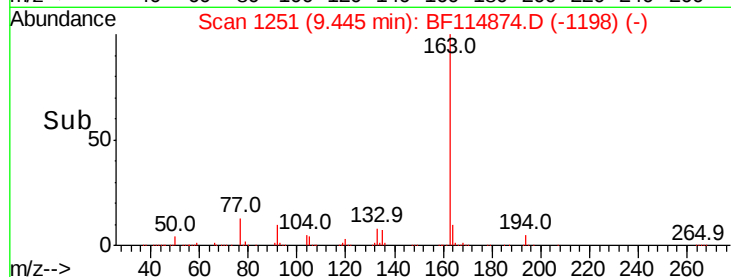
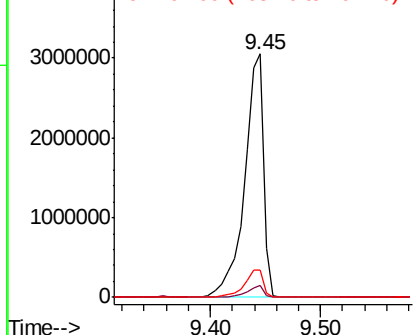
#50  
Dimethylphthalate  
Concen: 53.904 ng  
RT: 9.45 min Scan# 1251  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200050MSD

Tot Ion:163 Resp: 3674232  
Ion Ratio Lower Upper  
163 100  
194 4.7 3.4 5.2  
164 11.4 8.6 13.0

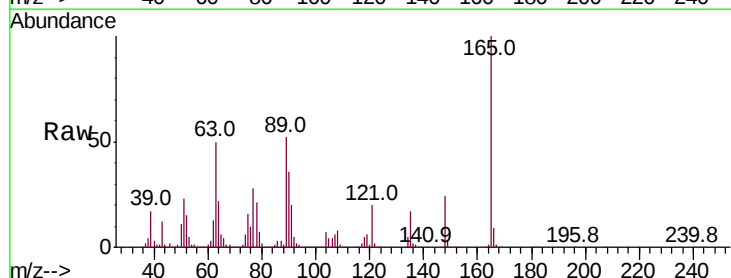


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

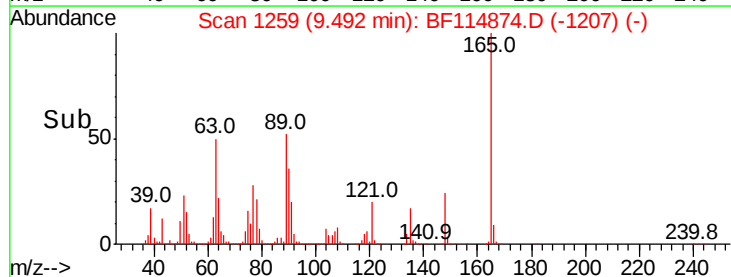
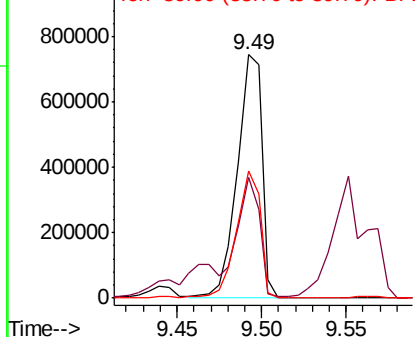


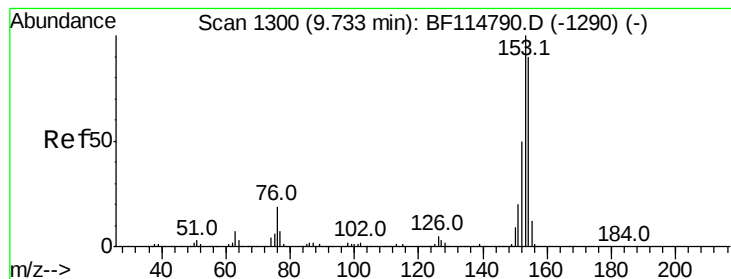
#51  
2,6-Dinitrotoluene  
Concen: 47.574 ng  
RT: 9.49 min Scan# 1259  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Tgt Ion:165 Resp: 762628  
Ion Ratio Lower Upper  
165 100  
63 49.7 35.1 52.7  
89 52.5 38.2 57.2



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: 42.715 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

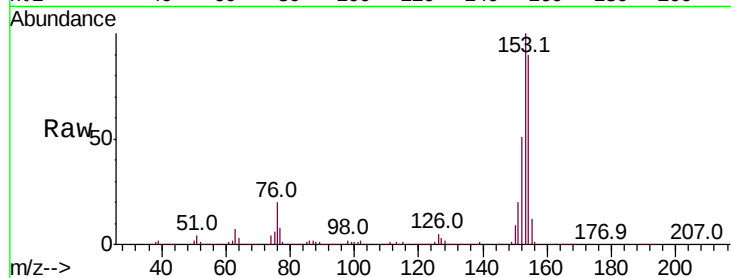
Tot Ion:154 Resp: 2384942

Ion Ratio Lower Upper

154 100

153 110.9 88.5 132.7

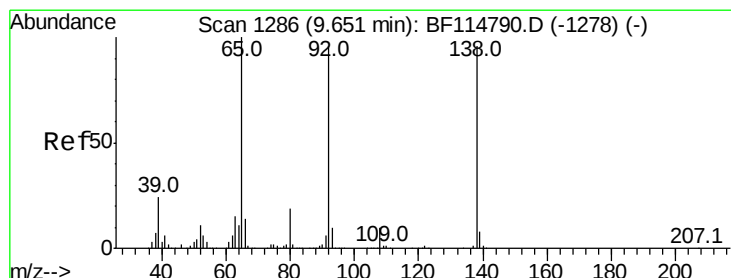
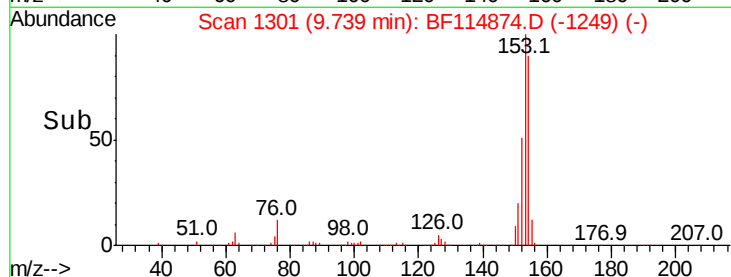
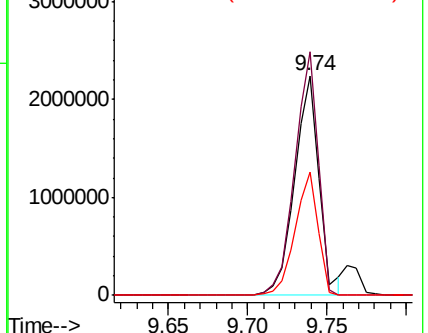
152 56.2 44.1 66.1



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: 32.414 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

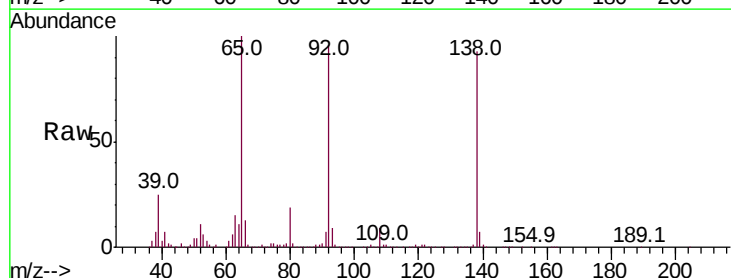
Tgt Ion:138 Resp: 607009

Ion Ratio Lower Upper

138 100

108 9.9 7.9 11.9

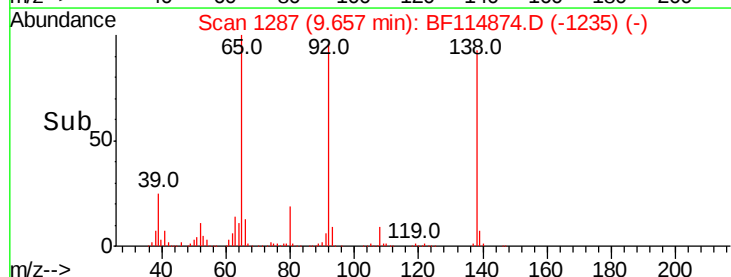
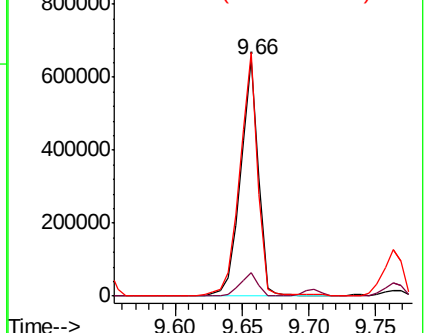
92 102.9 79.9 119.9

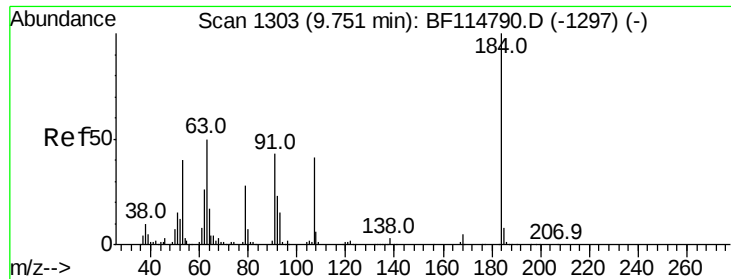


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 75.376 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

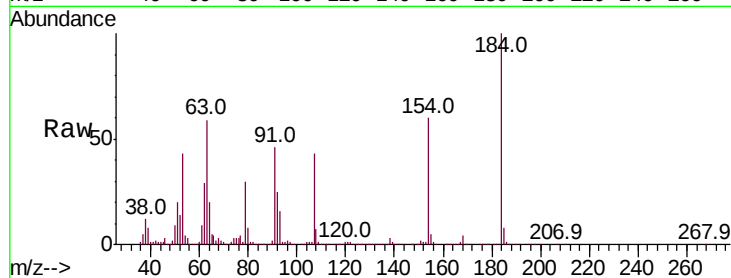
Tot Ion:184 Resp: 546771

Ion Ratio Lower Upper

184 100

63 59.2 44.1 66.1

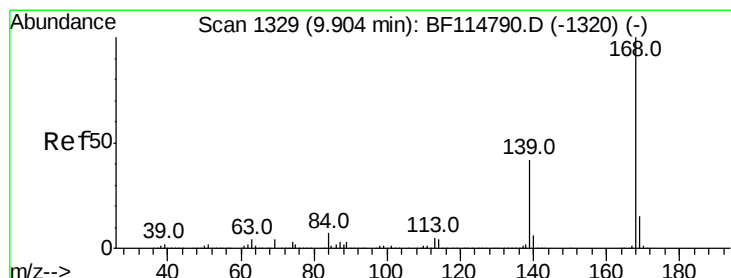
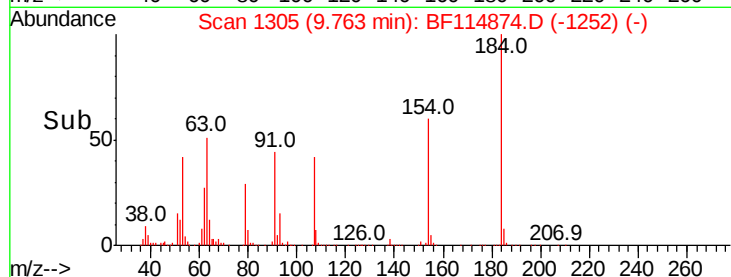
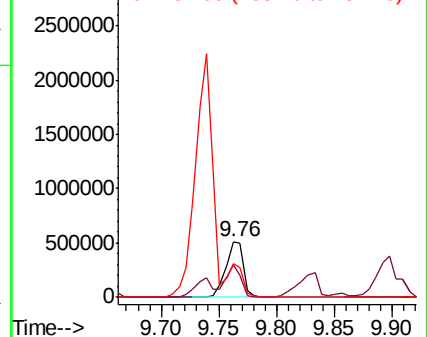
154 60.3 48.1 72.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 41.934 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

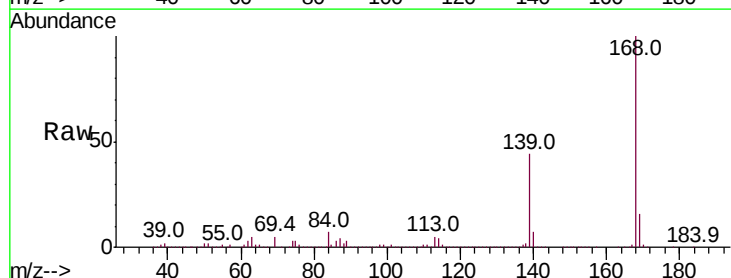
Tgt Ion:168 Resp: 3255703

Ion Ratio Lower Upper

168 100

139 44.0 33.8 50.6

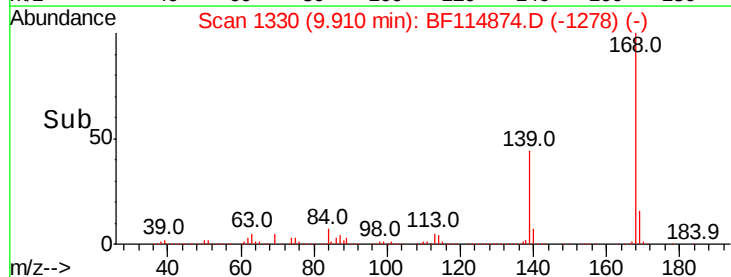
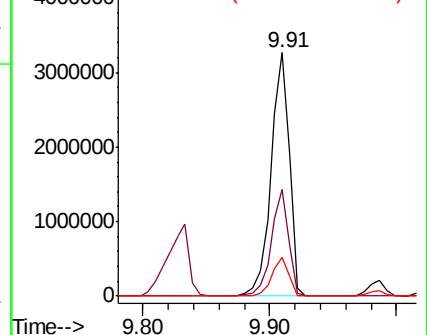
169 15.7 11.9 17.9

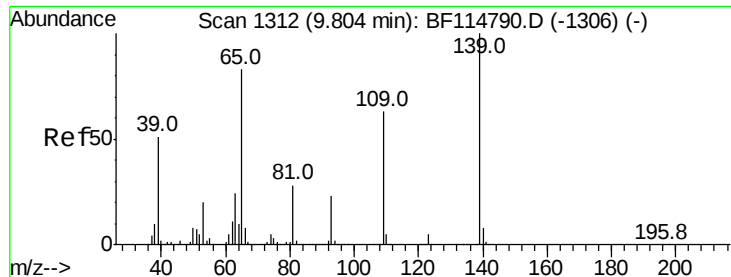


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 85.183 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.03 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

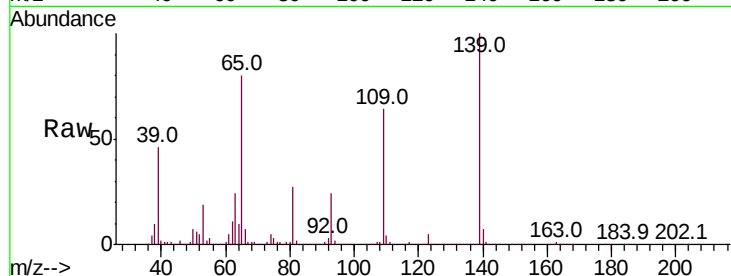
Tot Ion:139 Resp: 1168881

Ion Ratio Lower Upper

139 100

109 63.8 43.5 83.5

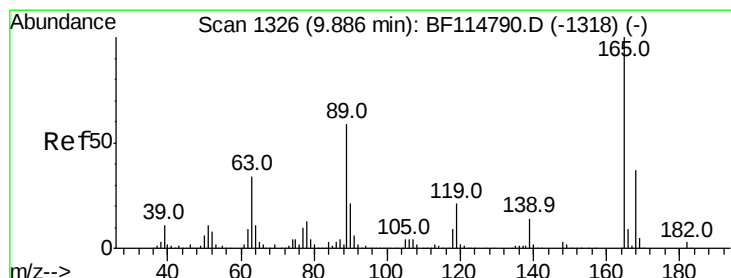
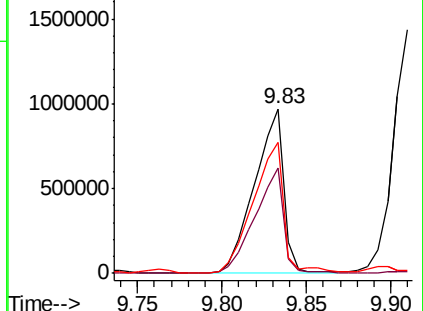
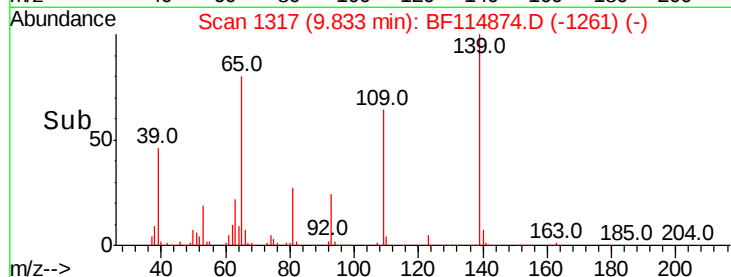
65 79.8 63.2 103.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

2,4-Dinitrotoluene

Concen: 45.772 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Tgt Ion:165 Resp: 922385

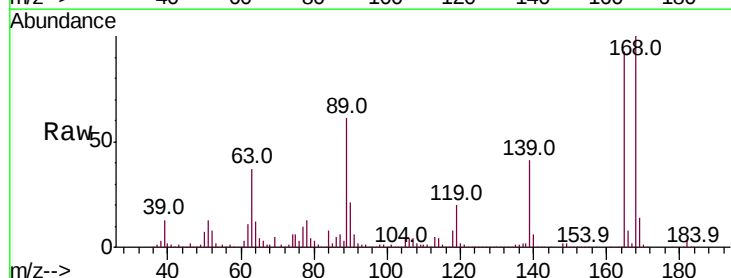
Ion Ratio Lower Upper

165 100

63 40.2 27.0 40.4

89 66.1 47.0 70.6

182 2.8 2.2 3.2

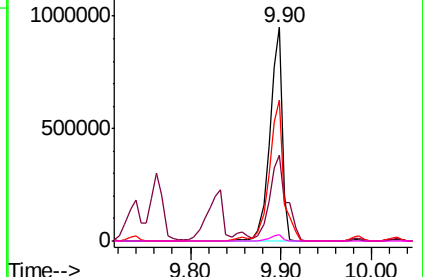
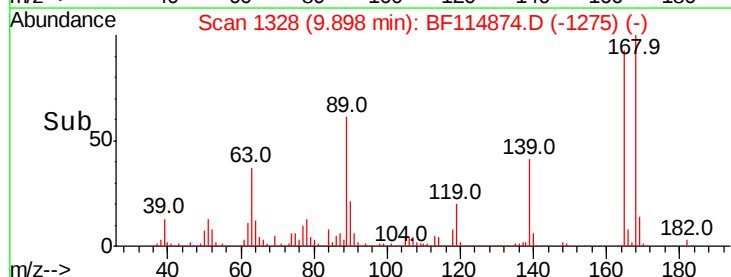


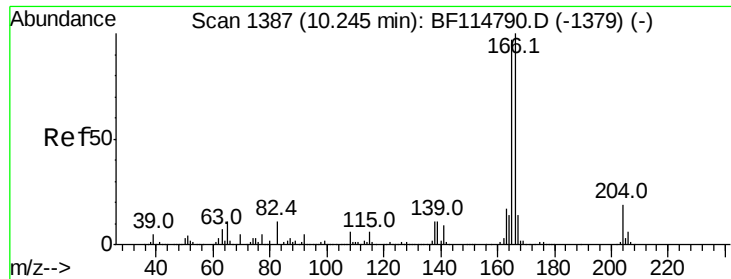
Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.161 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

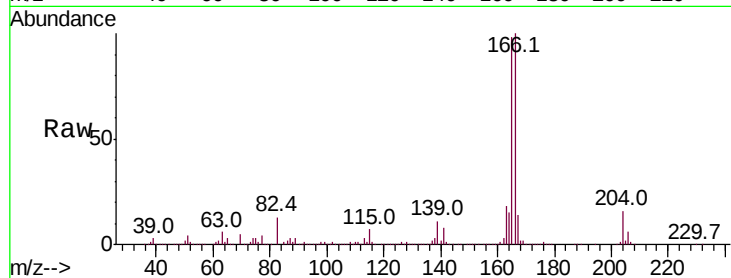
Tot Ion:166 Resp: 2245556

Ion Ratio Lower Upper

166 100

165 97.8 77.9 116.9

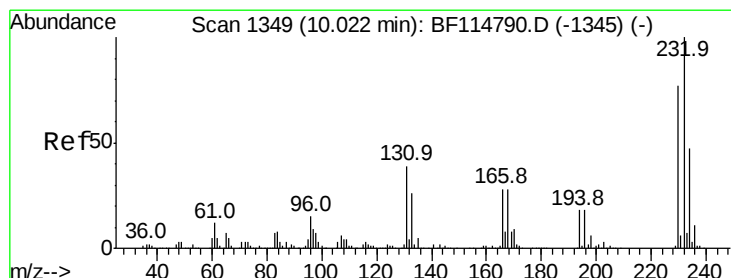
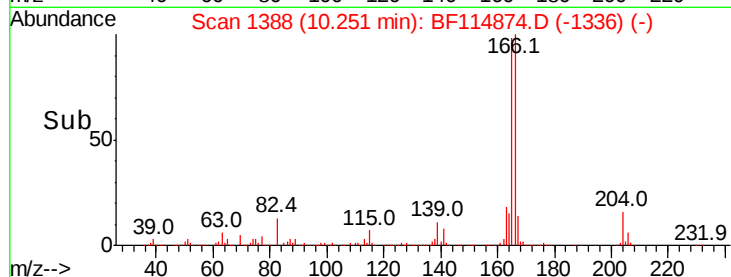
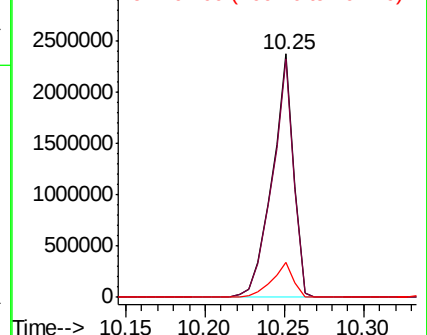
167 14.2 11.3 16.9



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: 45.400 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Tgt Ion:232 Resp: 783407

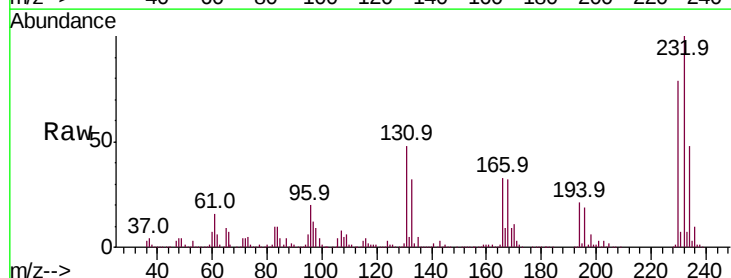
Ion Ratio Lower Upper

232 100

131 46.1 36.8 55.2

130 2.2 1.8 2.6

166 31.0 24.6 37.0

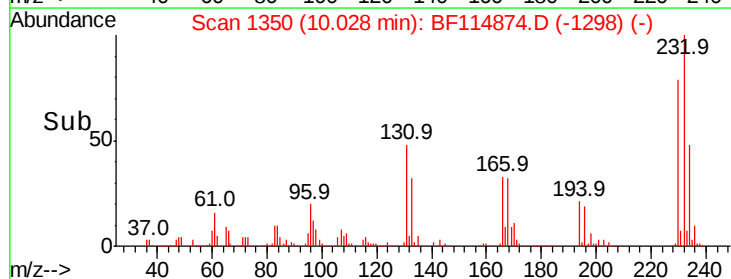
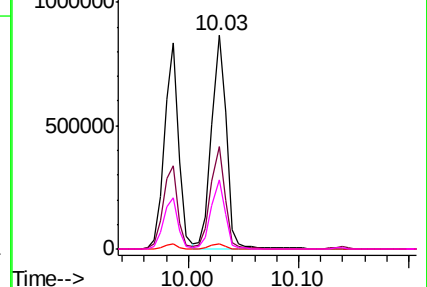


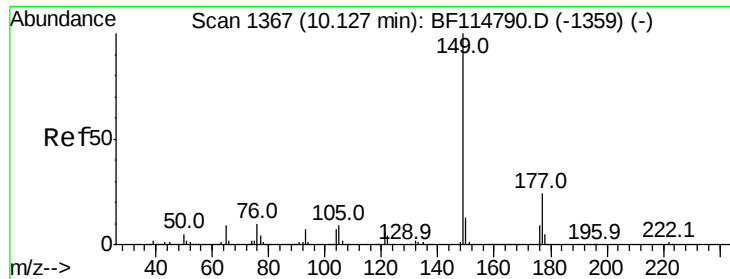
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

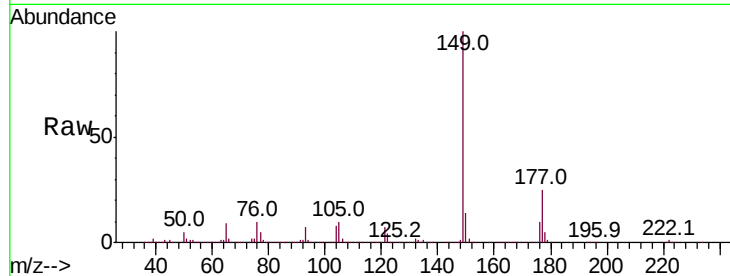




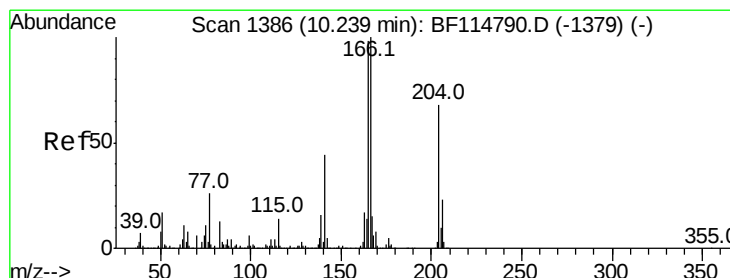
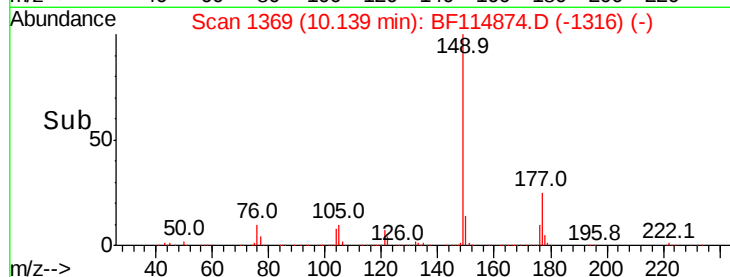
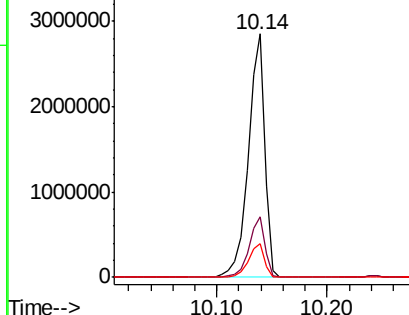
#60  
Diethylphthalate  
Concen: 43.403 ng  
RT: 10.14 min Scan# 1369  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200050MSD

Tot Ion:149 Resp: 2968699  
Ion Ratio Lower Upper  
149 100  
177 25.1 19.3 28.9  
150 13.9 10.7 16.1

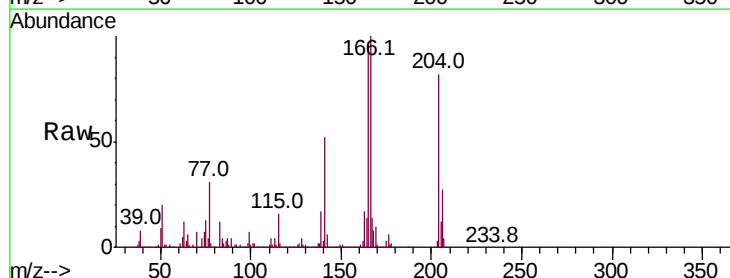


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

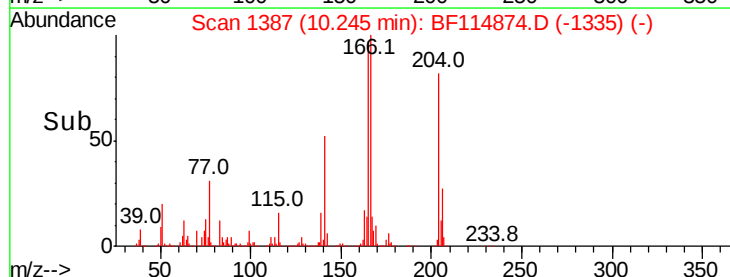
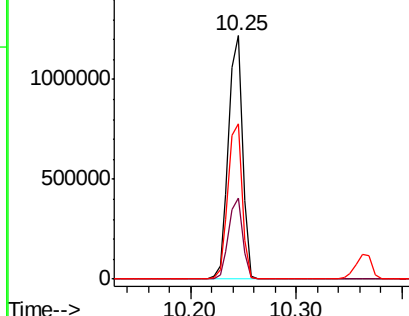


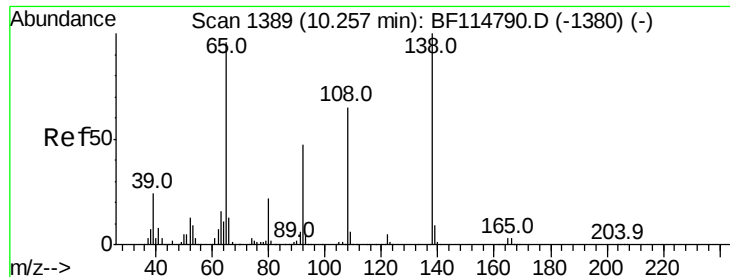
#61  
4-Chlorophenyl-phenylether  
Concen: 38.120 ng  
RT: 10.25 min Scan# 1387  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Tgt Ion:204 Resp: 1133565  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.5 39.7  
141 64.0 51.0 76.4



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





#62

4-Nitroaniline

Concen: 41.764 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.02 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

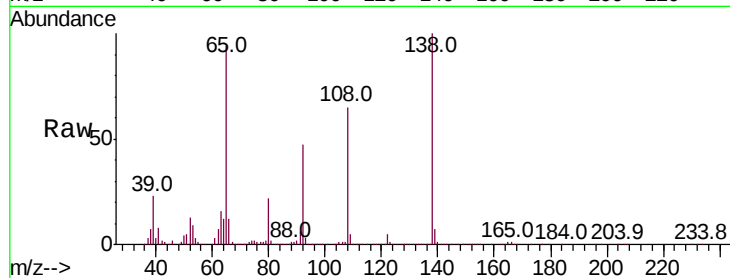
Tot Ion:138 Resp: 758570

Ion Ratio Lower Upper

138 100

92 46.8 26.5 66.5

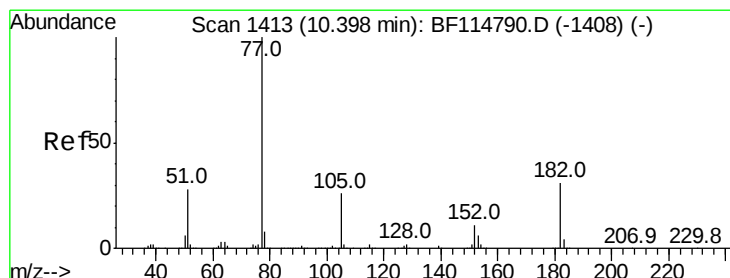
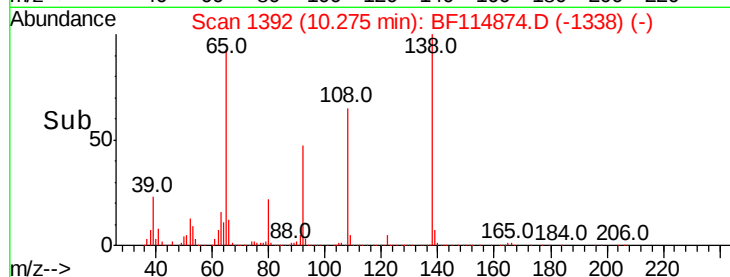
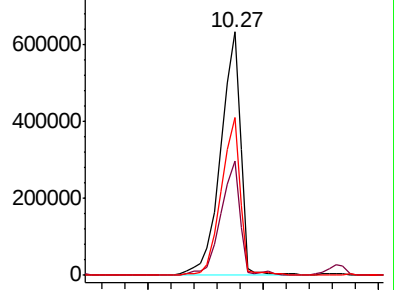
108 64.7 45.4 85.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 45.279 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Tgt Ion: 77 Resp: 2636215

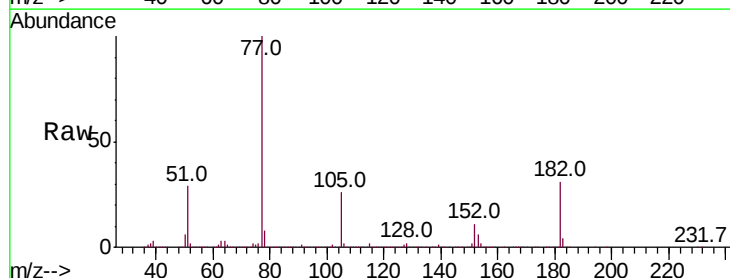
Ion Ratio Lower Upper

77 100

182 30.6 11.2 51.2

105 25.9 5.7 45.7

51 28.6 8.0 48.0

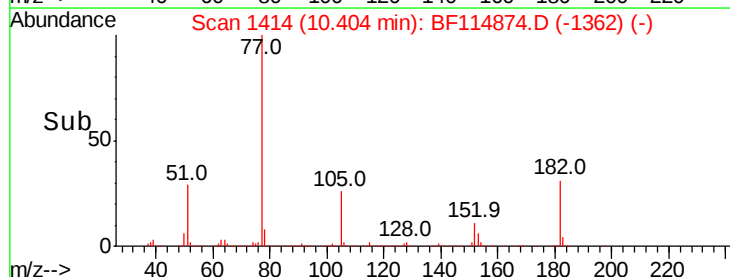
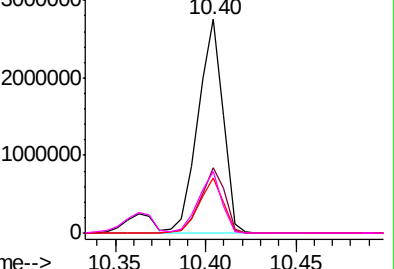


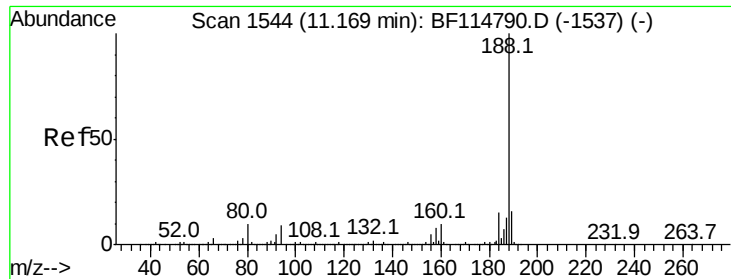
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

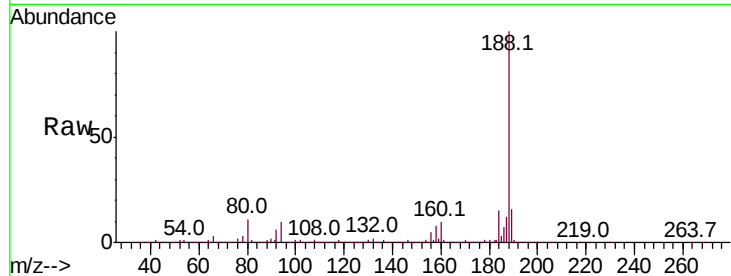
Tot Ion:188 Resp: 1642874

Ion Ratio Lower Upper

188 100

94 9.8 7.6 11.4

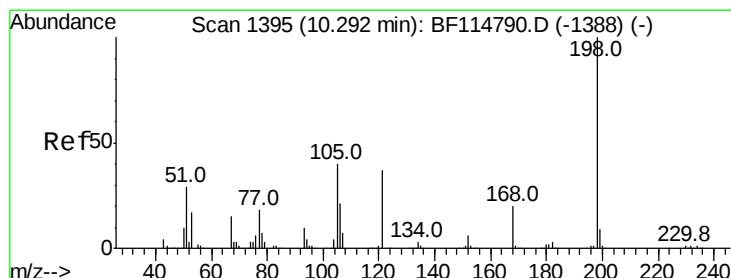
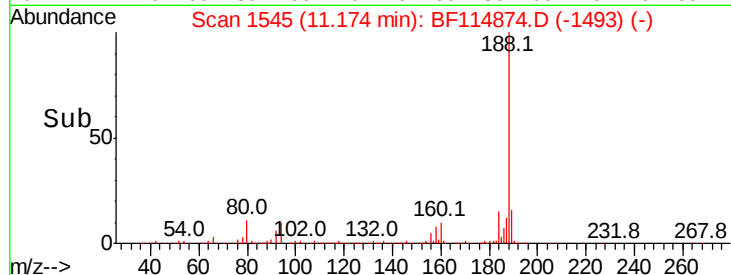
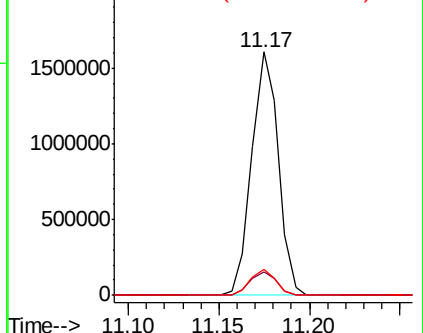
80 10.6 8.3 12.5



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: 45.507 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

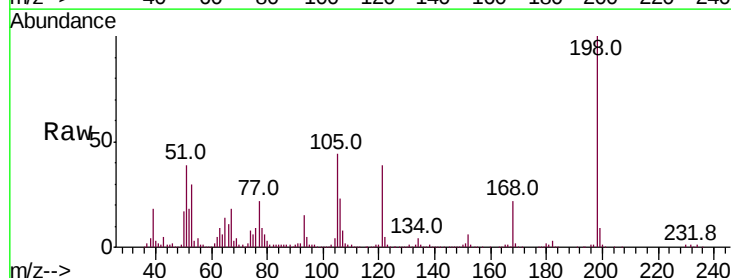
Tgt Ion:198 Resp: 388356

Ion Ratio Lower Upper

198 100

51 38.8 14.9 54.9

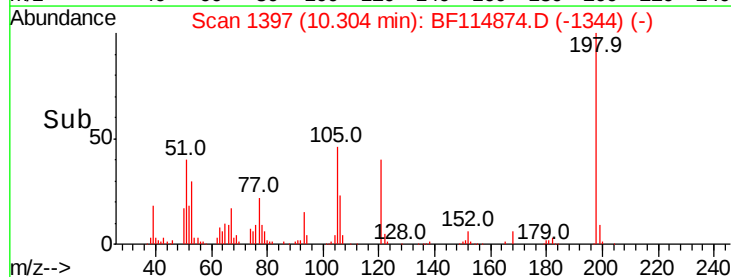
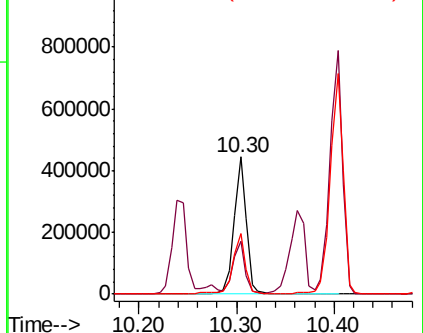
105 44.4 21.0 61.0

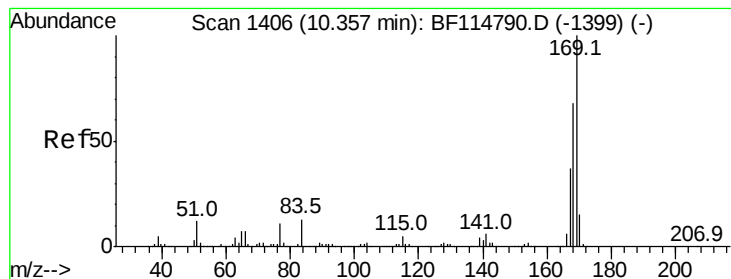


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



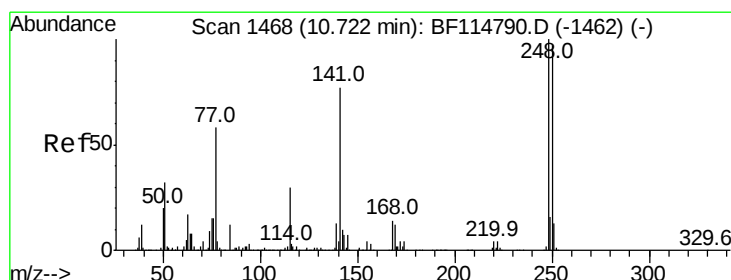
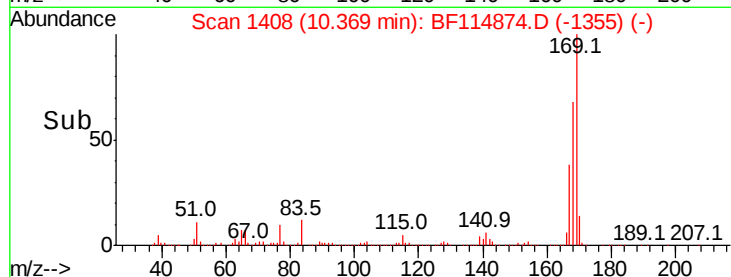
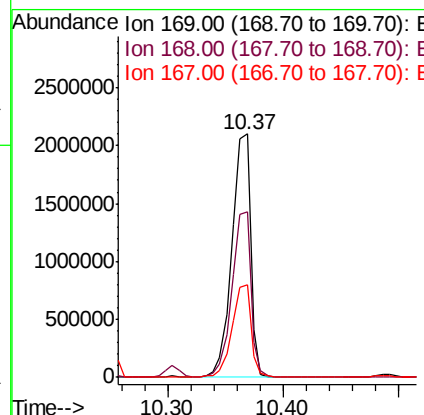
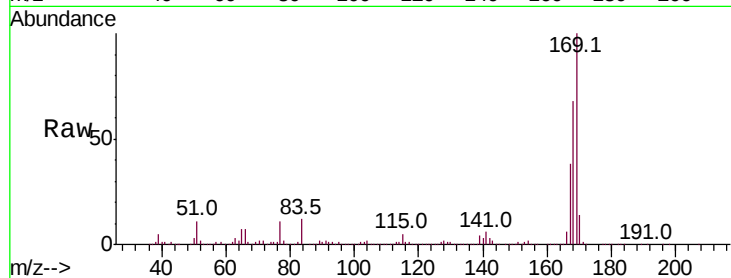


#66  
 n-Nitrosodiphenylamine  
 Concen: 47.599 ng  
 RT: 10.37 min Scan# 1408  
 Delta R.T. 0.01 min  
 Lab File: BF114874.D  
 Acq: 6 Jun 2019 20:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200050MSD

Tot Ion:169 Resp: 2364581  

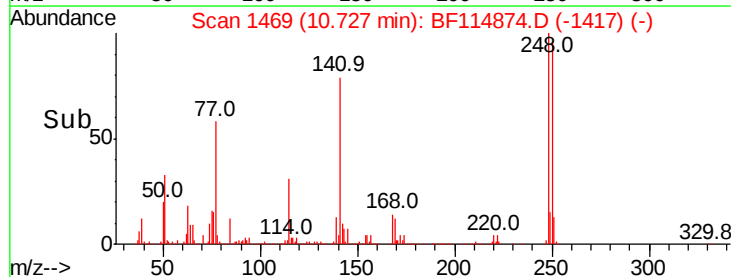
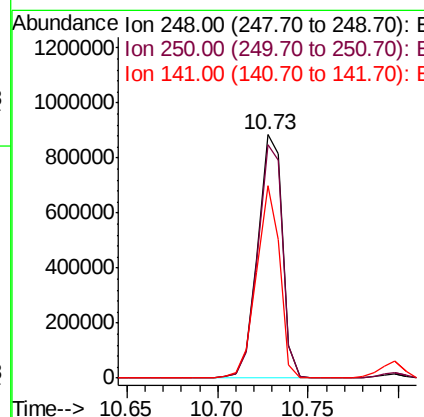
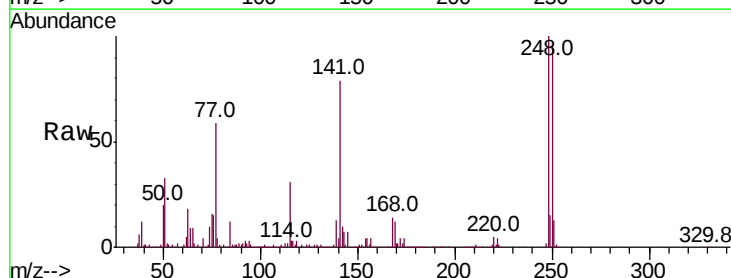
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 68.1  | 54.3  | 81.5  |
| 167 | 38.2  | 29.9  | 44.9  |

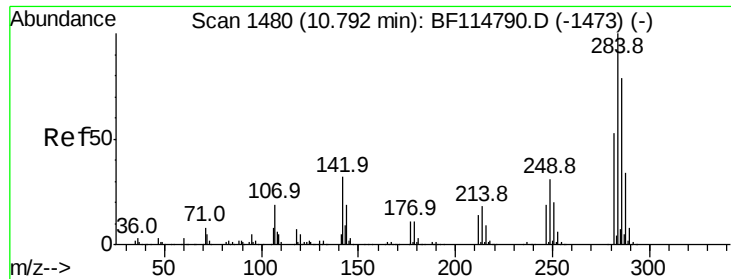


#67  
 4-Bromophenyl-phenylether  
 Concen: 45.012 ng  
 RT: 10.73 min Scan# 1469  
 Delta R.T. 0.01 min  
 Lab File: BF114874.D  
 Acq: 6 Jun 2019 20:43

Tgt Ion:248 Resp: 839873  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 95.8  | 77.5  | 116.3 |
| 141 | 78.8  | 61.8  | 92.8  |

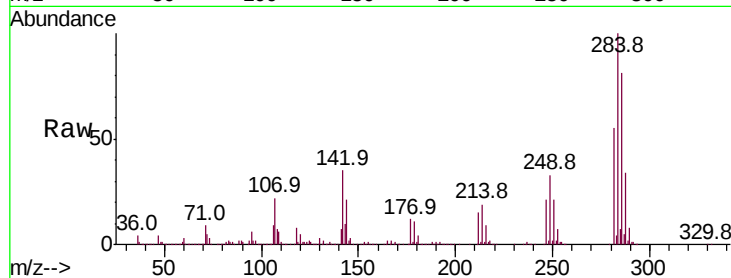




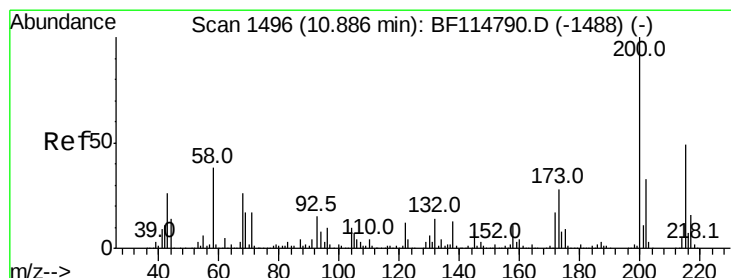
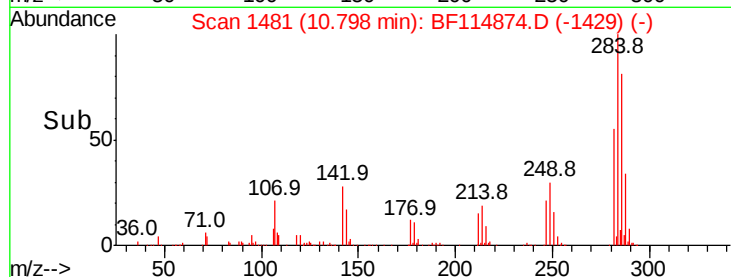
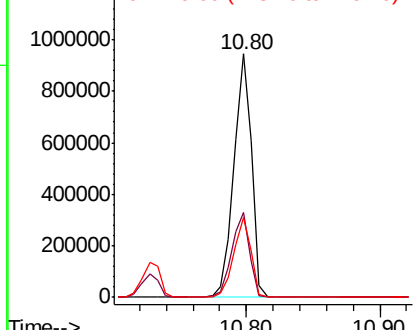
#68  
Hexachlorobenzene  
Concen: 43.233 ng  
RT: 10.80 min Scan# 1481  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200050MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 35.1  | 25.3  | 37.9  |
| 249     | 32.9  | 24.9  | 37.3  |

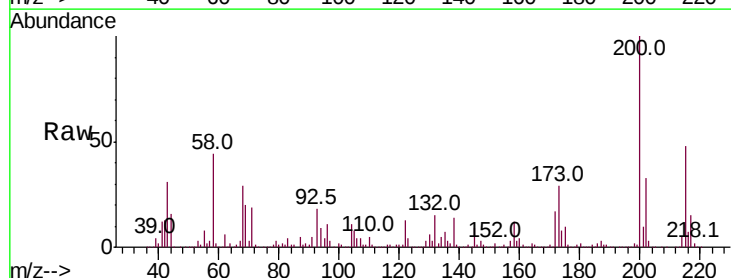


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

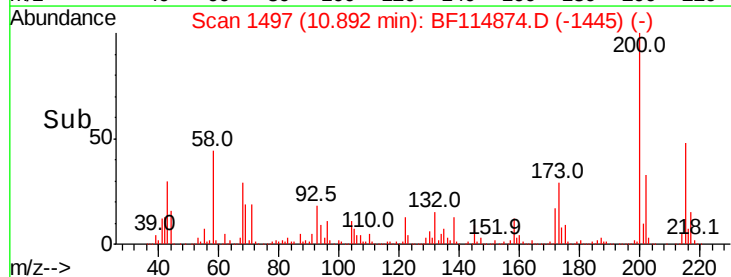
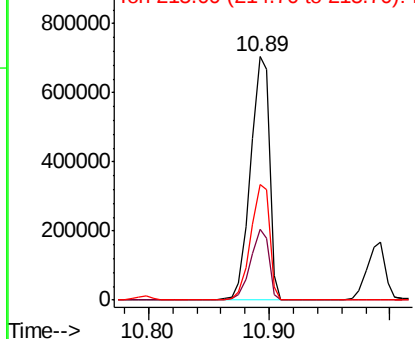


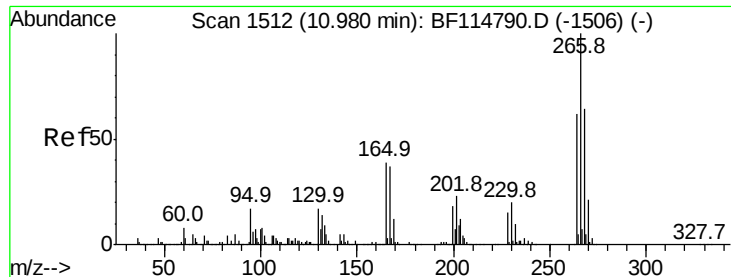
#69  
Atrazine  
Concen: 44.846 ng  
RT: 10.89 min Scan# 1497  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.8  | 8.0   | 48.0  |
| 215     | 47.5  | 28.7  | 68.7  |



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

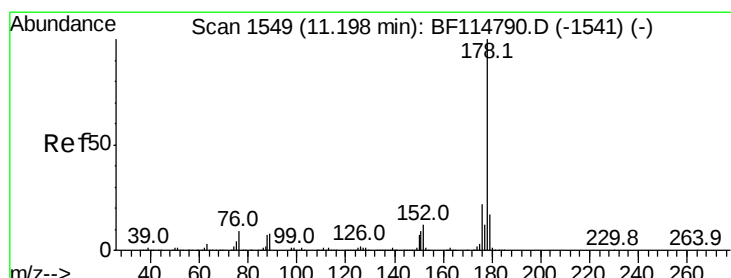
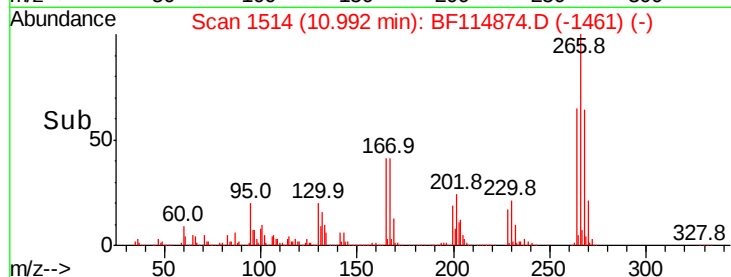
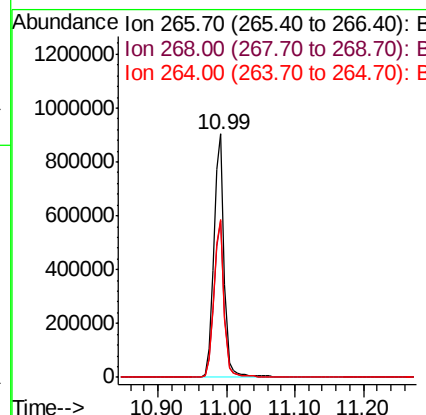
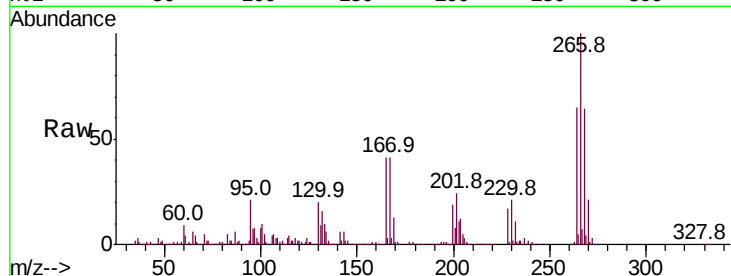




#70  
 Pentachlorophenol  
 Concen: 81.488 ng  
 RT: 10.99 min Scan# 1514  
 Delta R.T. 0.01 min  
 Lab File: BF114874.D  
 Acq: 6 Jun 2019 20:43

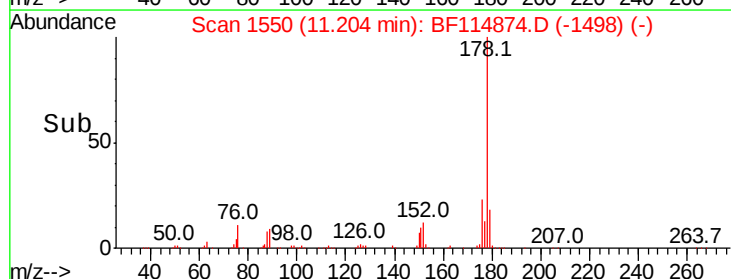
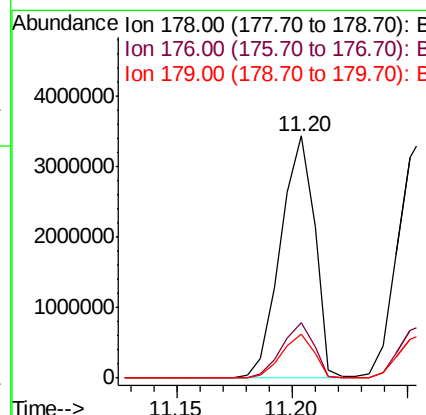
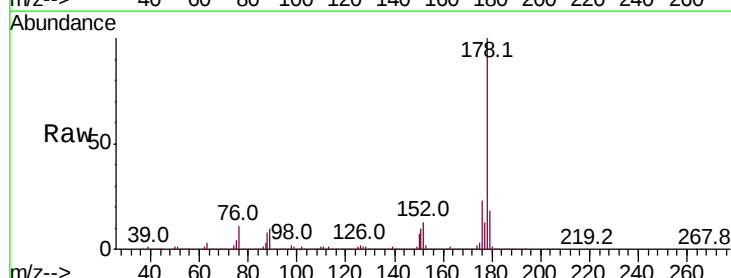
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RBR-200050MSD

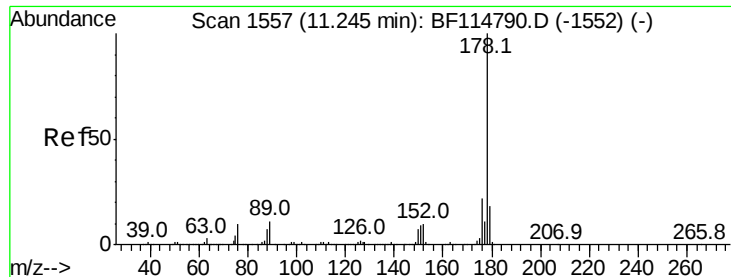
Tot Ion:266 Resp: 961972  
 Ion Ratio Lower Upper  
 266 100  
 268 64.4 51.0 76.6  
 264 64.7 49.6 74.4



#71  
 Phenanthrene  
 Concen: 44.847 ng  
 RT: 11.20 min Scan# 1550  
 Delta R.T. 0.01 min  
 Lab File: BF114874.D  
 Acq: 6 Jun 2019 20:43

Tgt Ion:178 Resp: 3517309  
 Ion Ratio Lower Upper  
 178 100  
 176 22.8 17.7 26.5  
 179 17.9 13.7 20.5





#72

Anthracene

Concen: 42.775 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

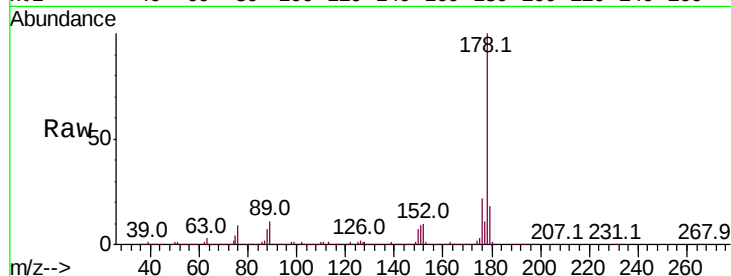
Tot Ion:178 Resp: 3530621

Ion Ratio Lower Upper

178 100

176 22.2 17.4 26.0

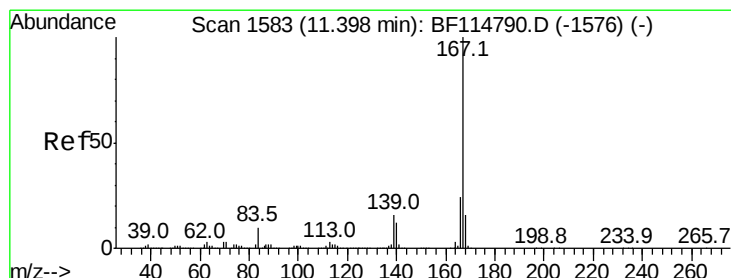
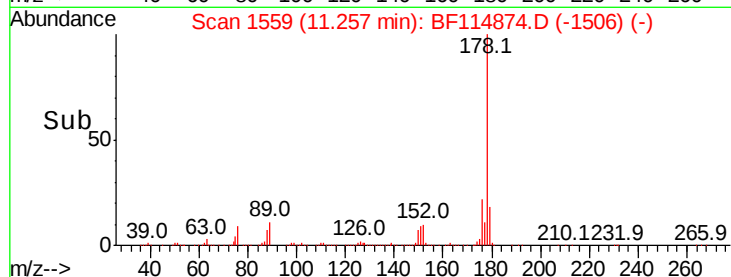
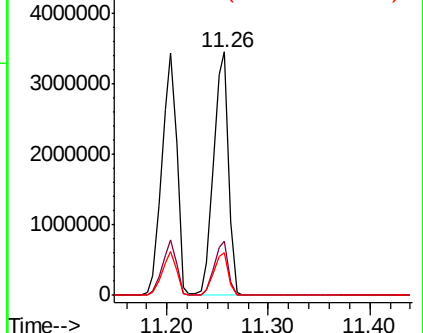
179 17.7 14.2 21.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 45.526 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

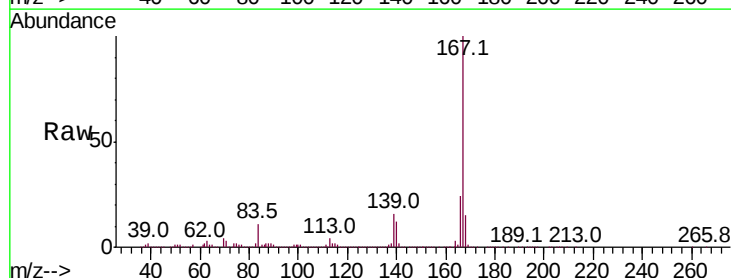
Tgt Ion:167 Resp: 3221215

Ion Ratio Lower Upper

167 100

166 24.0 19.1 28.7

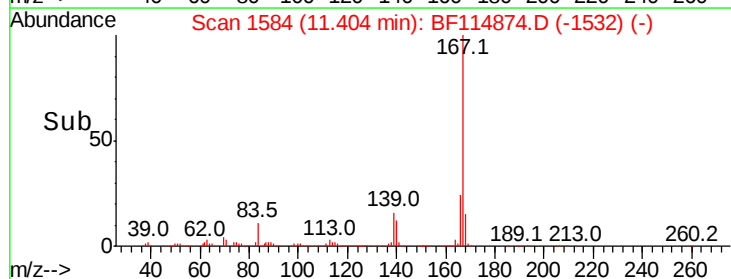
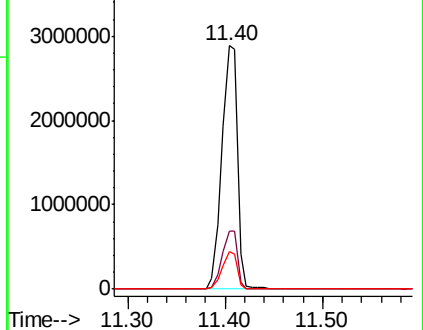
139 15.6 12.4 18.6

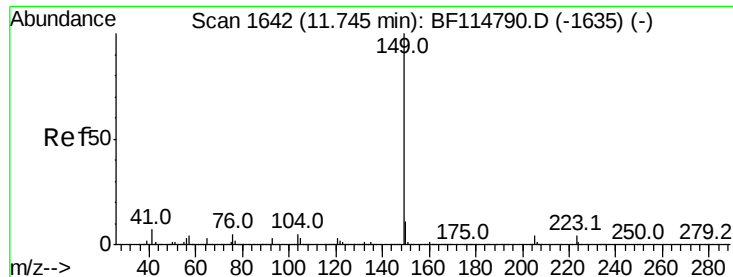


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 42.628 ng

RT: 11.75 min Scan# 1643

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

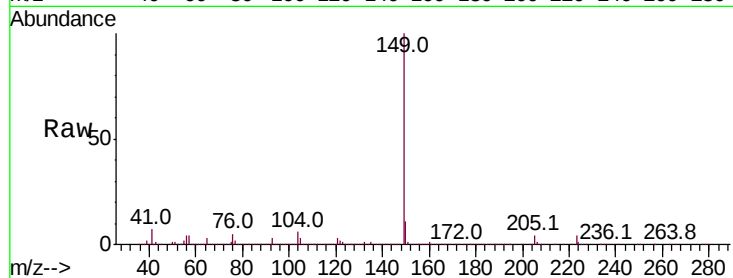
Tot Ion:149 Resp: 3967092

Ion Ratio Lower Upper

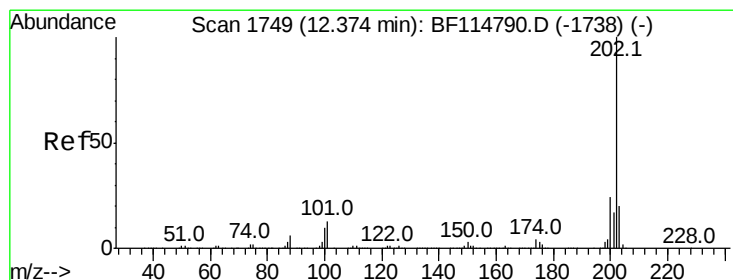
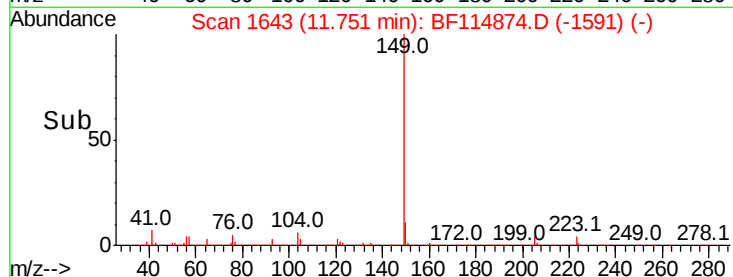
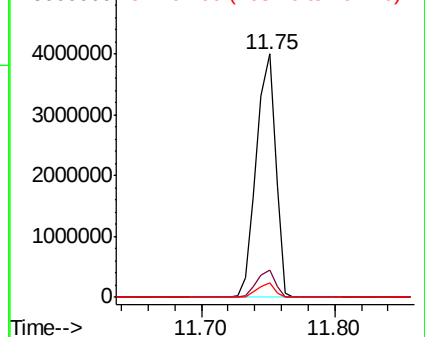
149 100

150 11.4 8.9 13.3

104 5.7 4.3 6.5



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



#75

Fluoranthene

Concen: 43.716 ng

RT: 12.38 min Scan# 1750

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

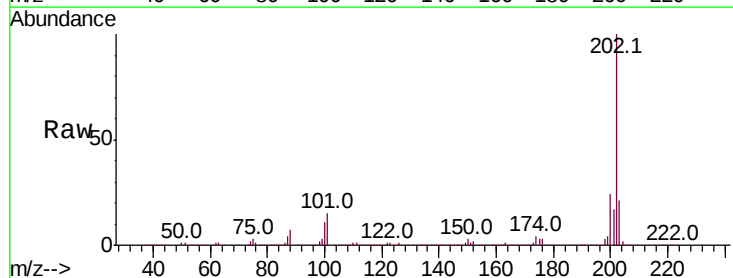
Tgt Ion:202 Resp: 3568490

Ion Ratio Lower Upper

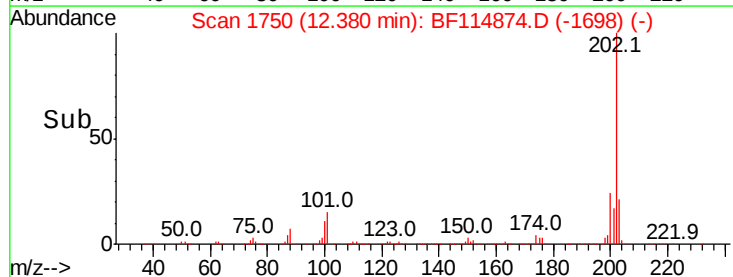
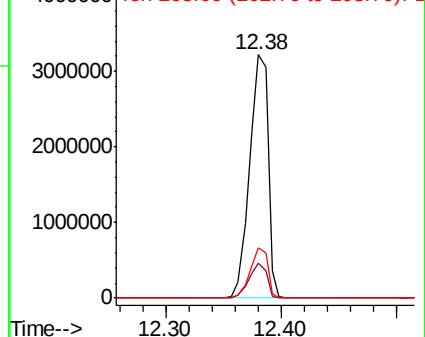
202 100

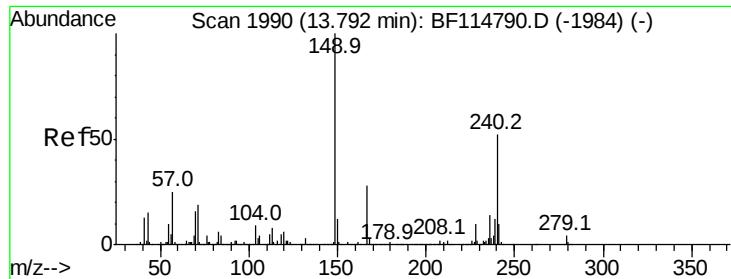
101 14.6 0.0 32.8

203 20.6 0.2 40.2



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

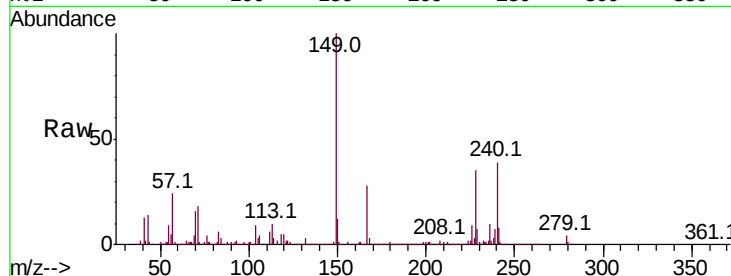




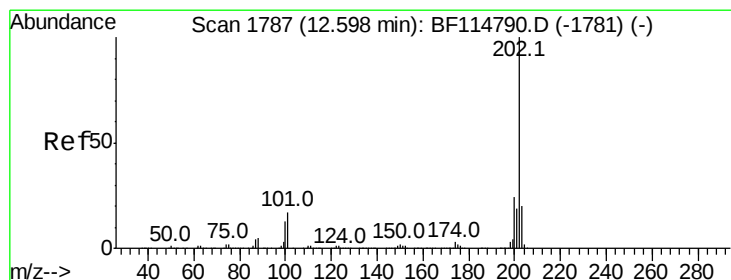
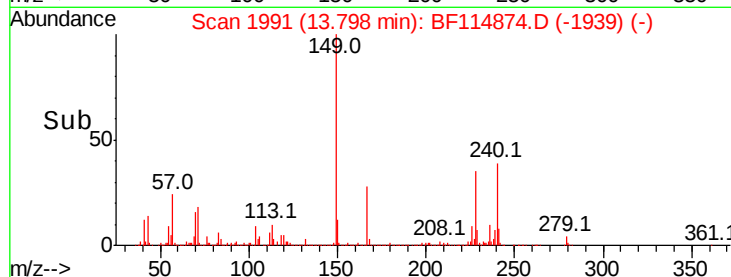
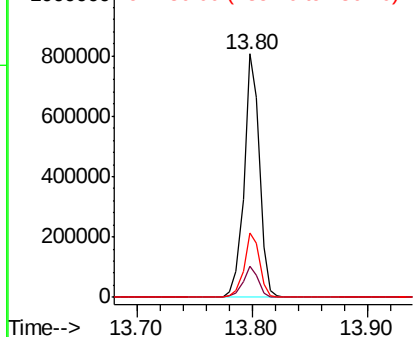
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.80 min Scan# 1991  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200050MSD

Tot Ion:240 Resp: 741735  
Ion Ratio Lower Upper  
240 100  
120 12.7 9.0 13.4  
236 26.4 21.4 32.0

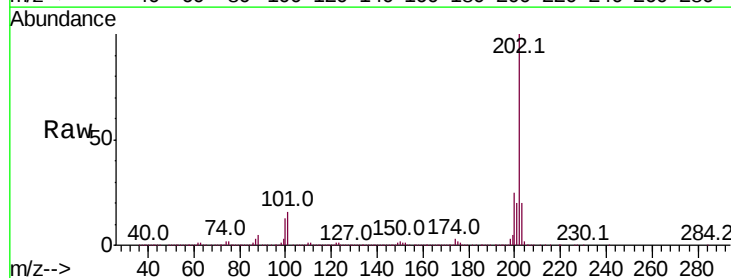


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

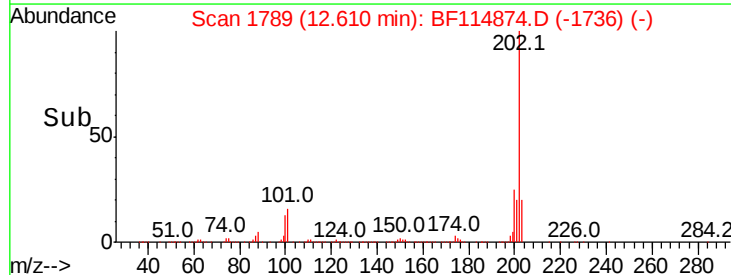
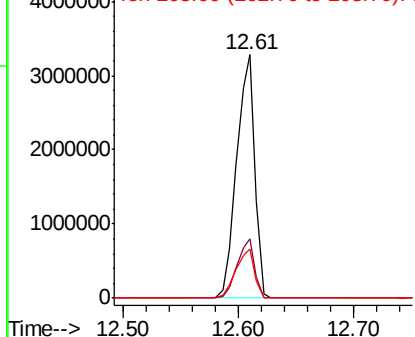


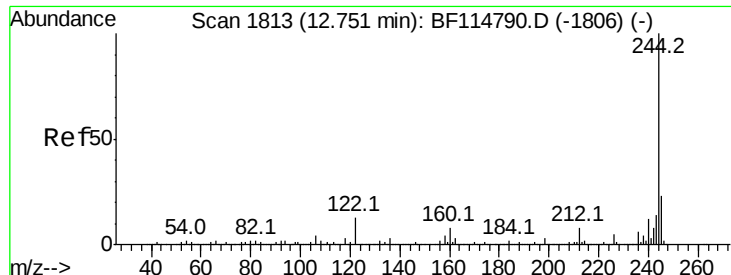
#78  
Pyrene  
Concen: 55.375 ng  
RT: 12.61 min Scan# 1789  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Tgt Ion:202 Resp: 3563200  
Ion Ratio Lower Upper  
202 100  
200 24.6 19.2 28.8  
203 19.9 15.9 23.9



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 111.329 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

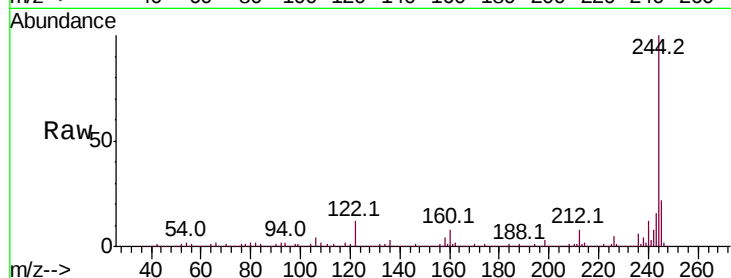
Tot Ion:244 Resp: 4246107

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

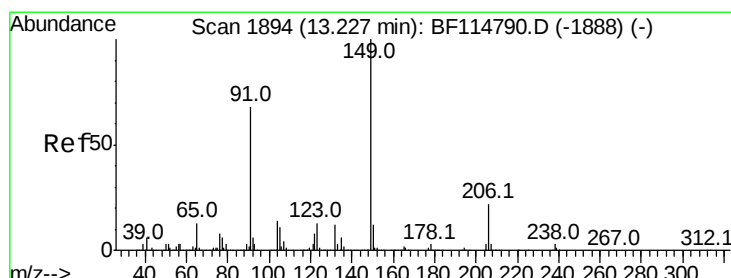
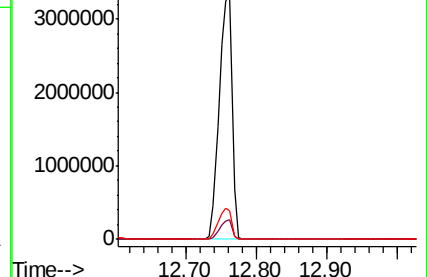
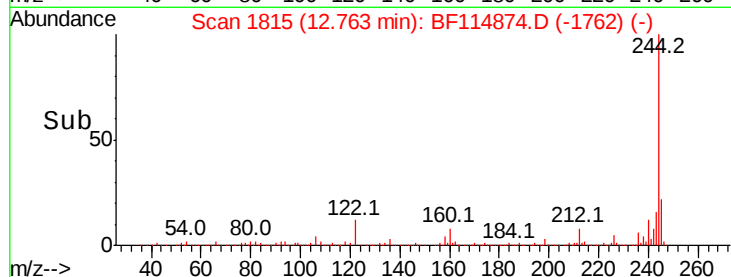
122 11.9 10.5 15.7



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: 53.359 ng

RT: 13.23 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

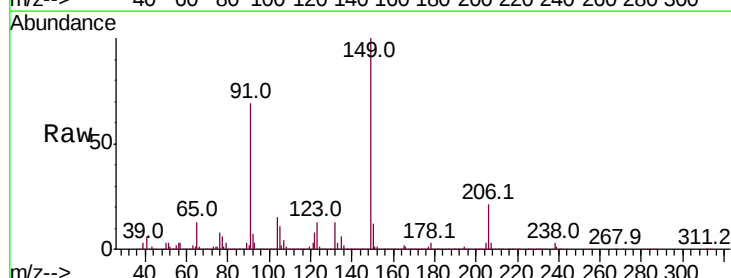
Tgt Ion:149 Resp: 1733813

Ion Ratio Lower Upper

149 100

91 69.0 54.6 82.0

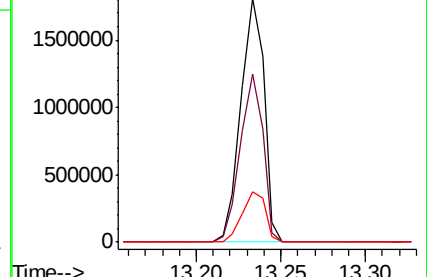
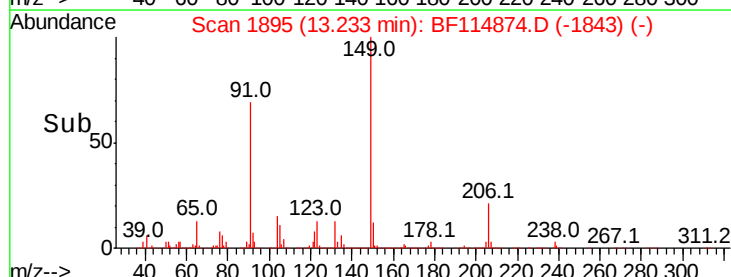
206 20.7 17.2 25.8

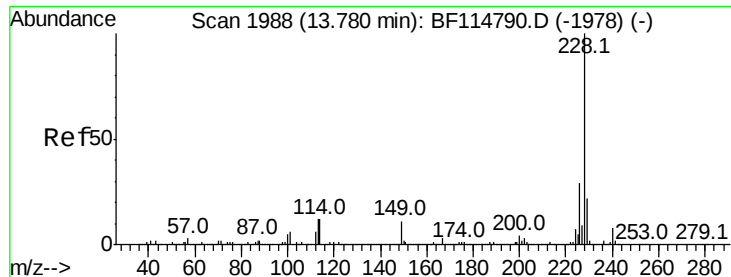


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.468 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

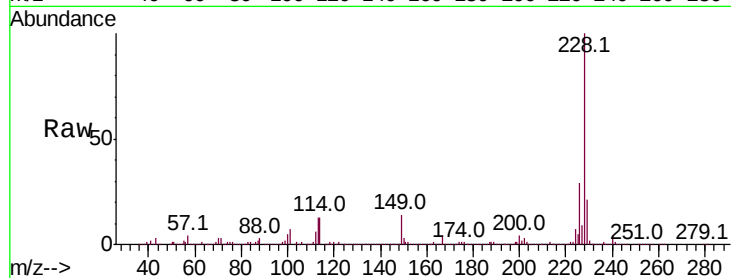
Tot Ion:228 Resp: 2656019

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.0  | 23.4  | 35.2  |
| 229 | 21.4  | 17.4  | 26.0  |

228 100

226 29.0 23.4 35.2

229 21.4 17.4 26.0

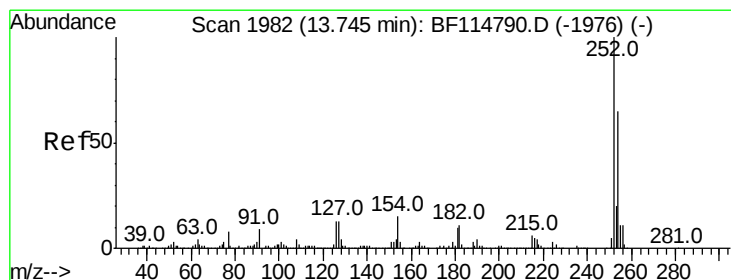
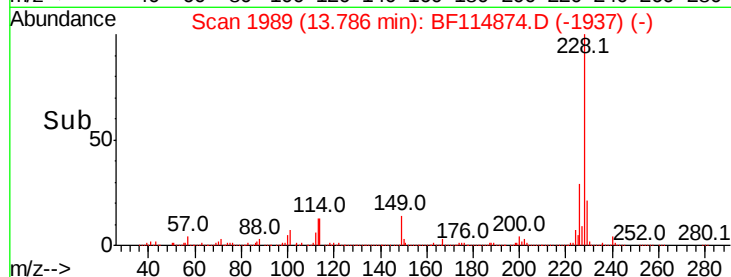
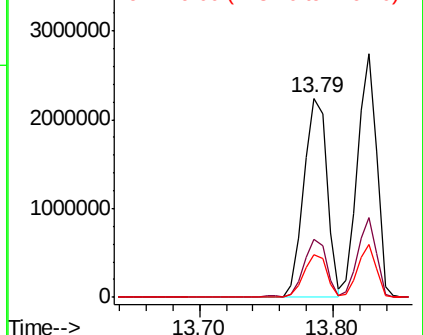


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.750 ng

RT: 13.76 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

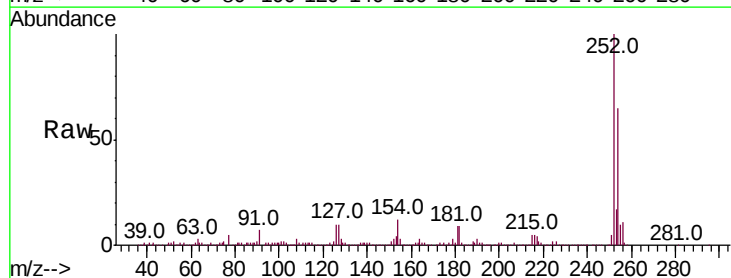
Tgt Ion:252 Resp: 759053

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.8  | 51.9  | 77.9  |
| 126 | 10.4  | 10.5  | 15.7# |

252 100

254 64.8 51.9 77.9

126 10.4 10.5 15.7#

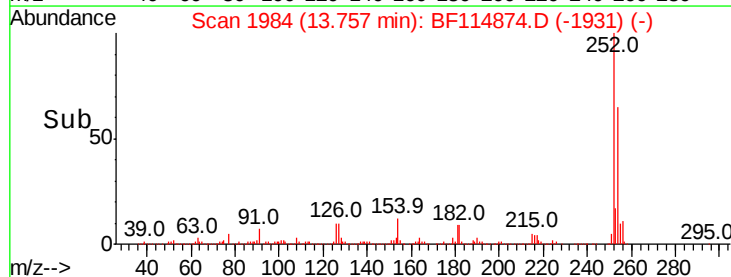
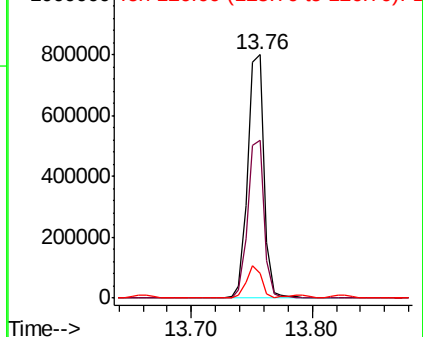


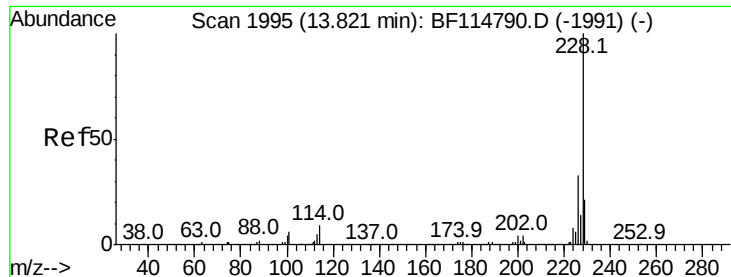
Abundance

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: 49.290 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

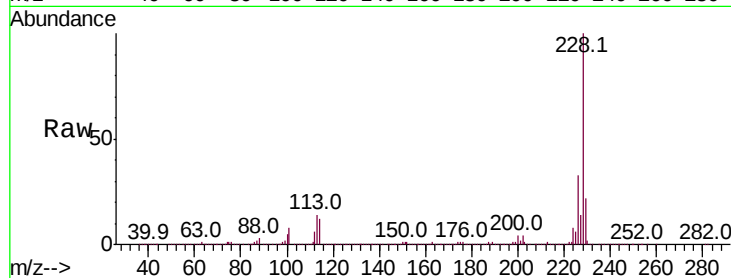
BNA\_F

ClientSampleId :

RBR-200050MSD

Tot Ion:228 Resp: 2740704

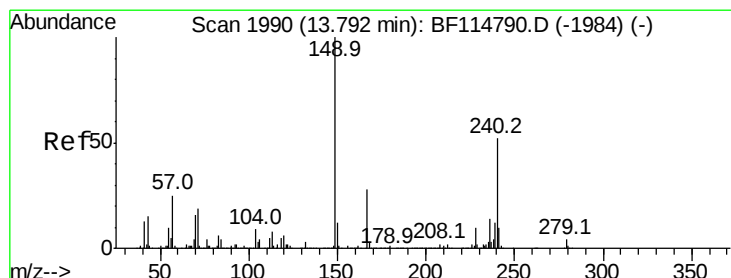
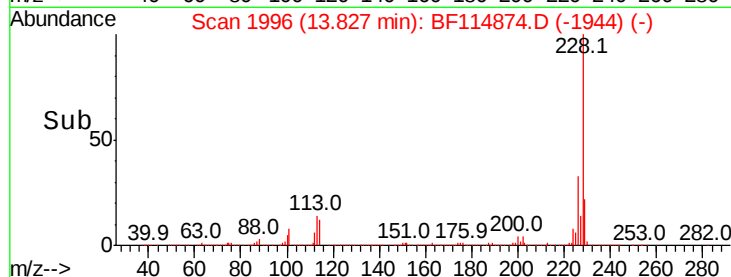
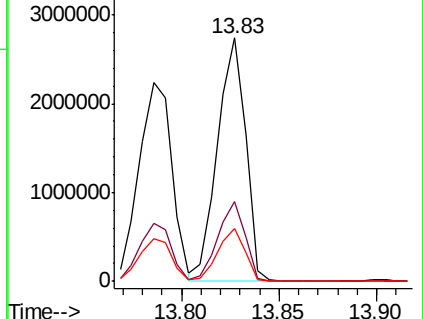
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.8  | 26.0  | 39.0  |
| 229 | 21.8  | 17.1  | 25.7  |



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.399 ng

RT: 13.80 min Scan# 1991

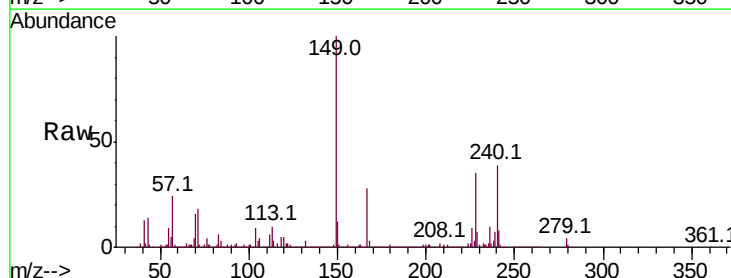
Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Tgt Ion:149 Resp: 2111862

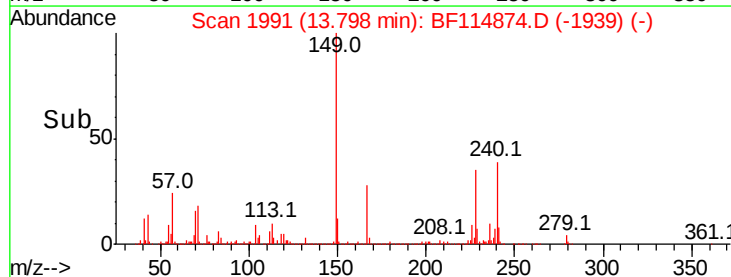
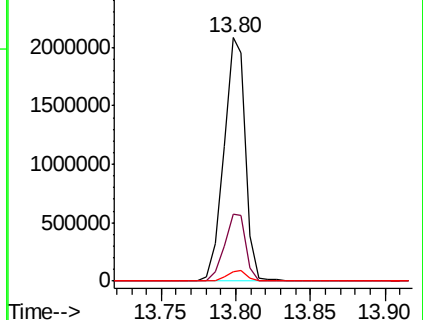
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.6  | 22.7  | 34.1  |
| 279 | 4.0   | 3.1   | 4.7   |

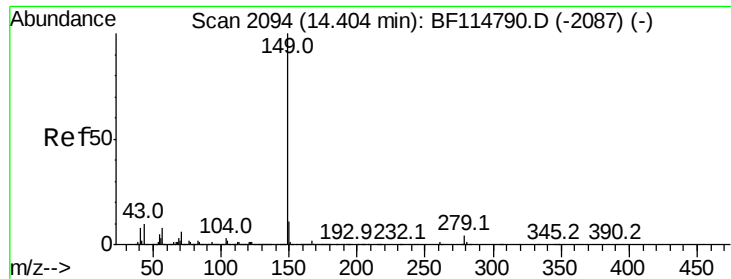


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.868 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

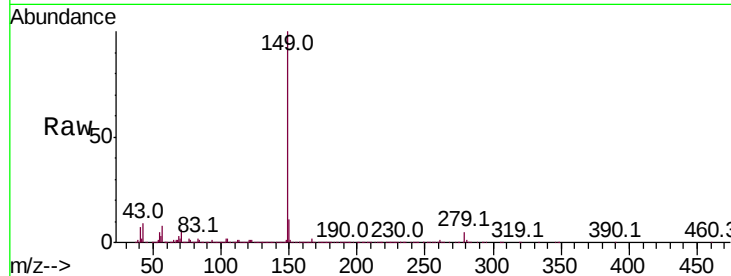
Tot Ion:149 Resp: 3551388

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

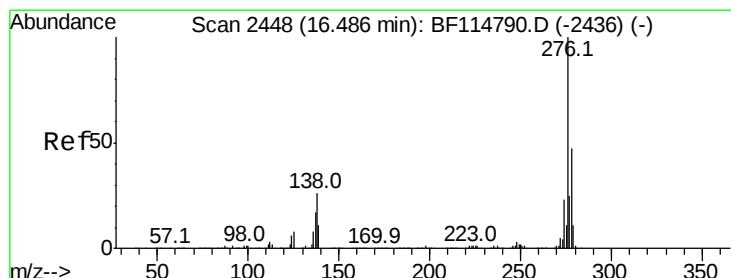
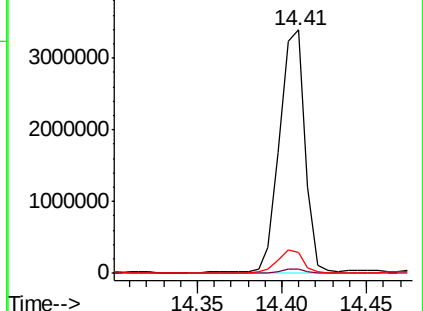
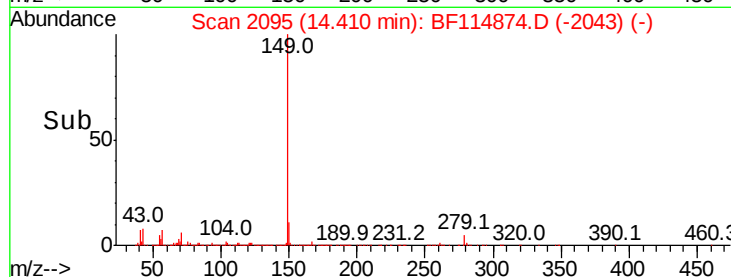
43 8.9 7.0 10.6



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: 44.392 ng

RT: 16.50 min Scan# 2451

Delta R.T. 0.02 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

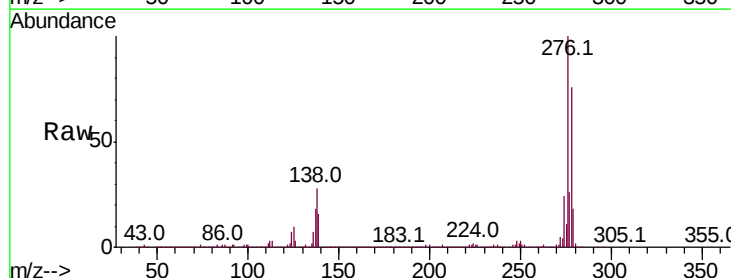
Tgt Ion:276 Resp: 2816361

Ion Ratio Lower Upper

276 100

138 28.7 22.2 33.4

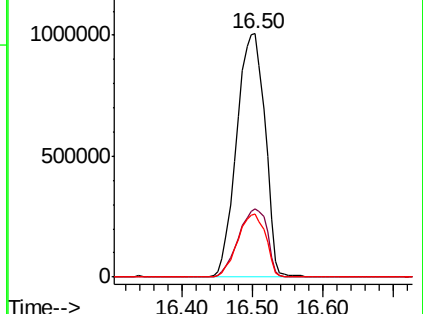
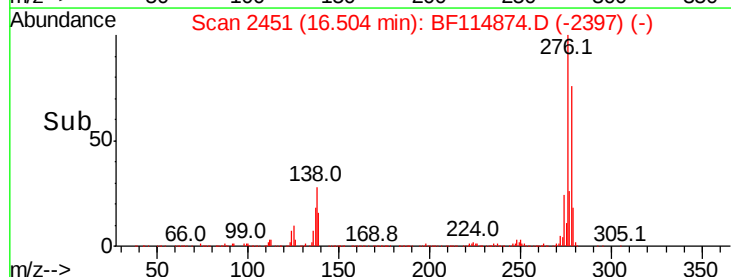
277 25.7 20.6 30.8

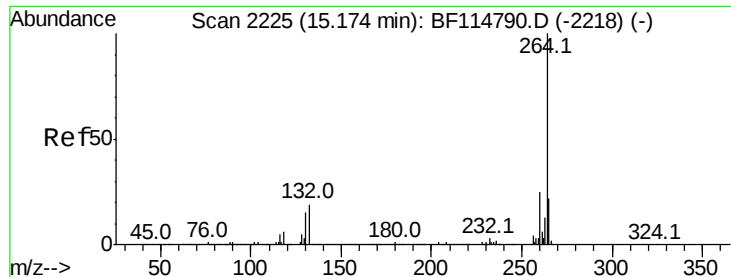


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

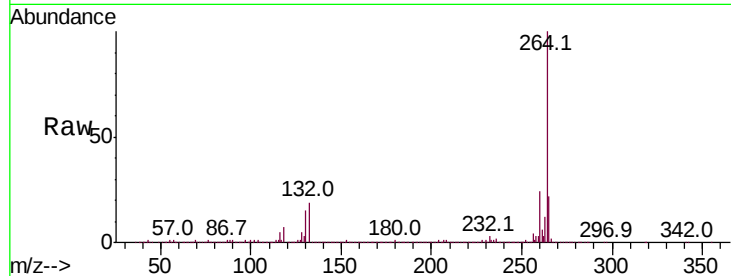




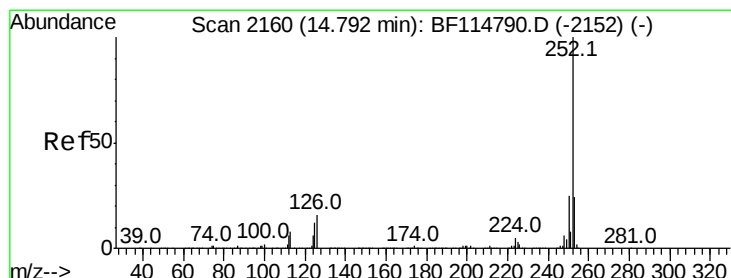
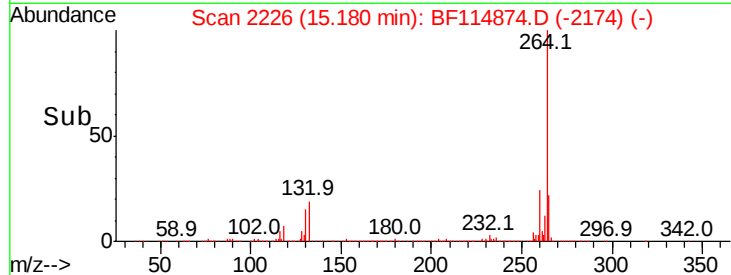
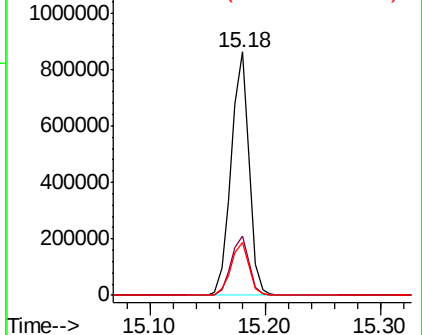
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.18 min Scan# 2226  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200050MSD

Tot Ion:264 Resp: 926380  
Ion Ratio Lower Upper  
264 100  
260 24.4 20.1 30.1  
265 21.8 17.7 26.5

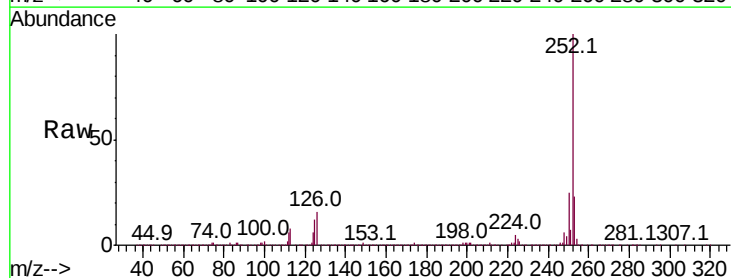


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

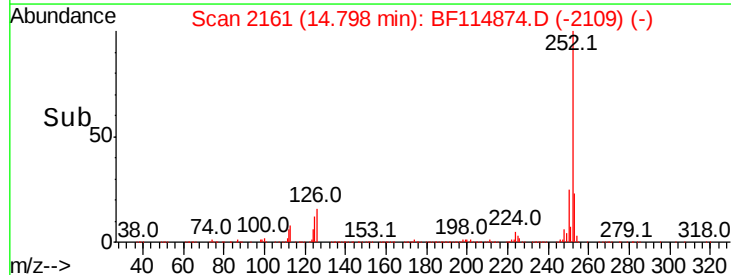
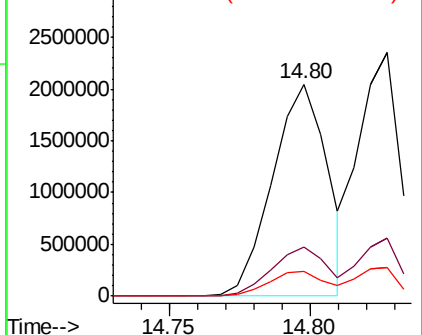


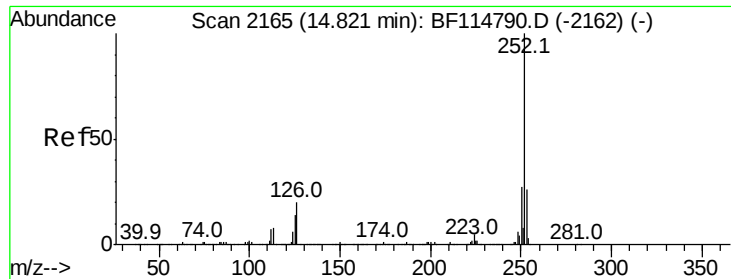
#88  
Benzo(b)fluoranthene  
Concen: 46.790 ng  
RT: 14.80 min Scan# 2161  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Tgt Ion:252 Resp: 2759403  
Ion Ratio Lower Upper  
252 100  
253 23.3 19.0 28.6  
125 11.9 9.4 14.0



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

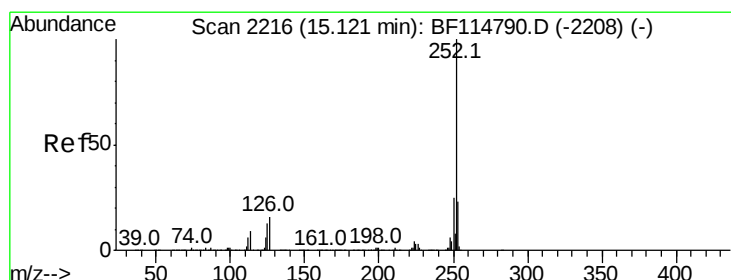
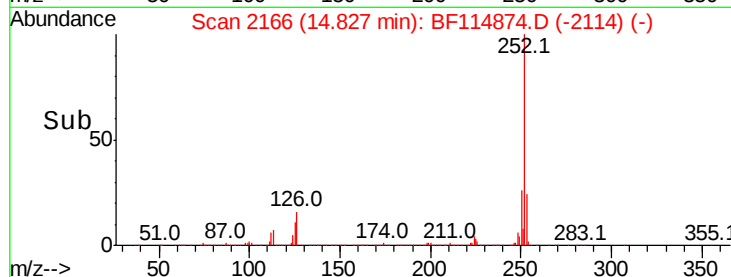
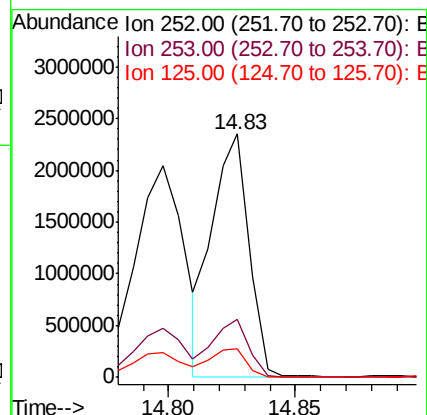
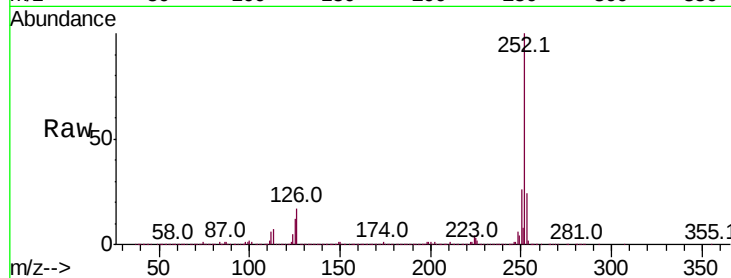




#89  
Benzo(k)fluoranthene  
Concen: 47.231 ng  
RT: 14.83 min Scan# 2166  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

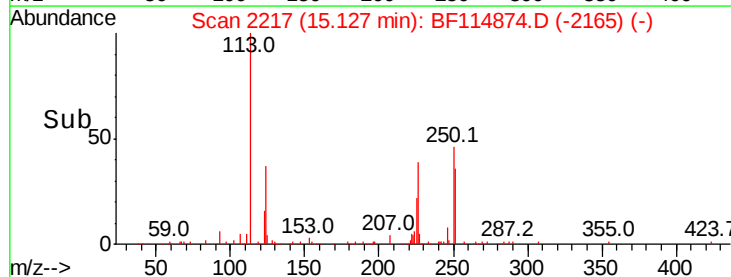
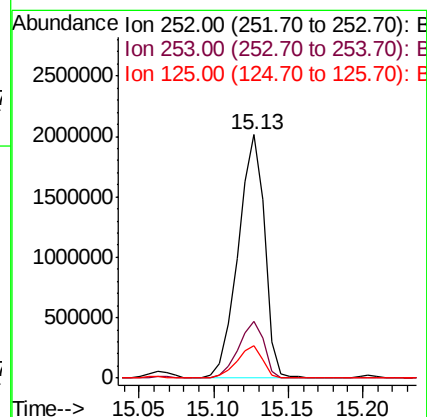
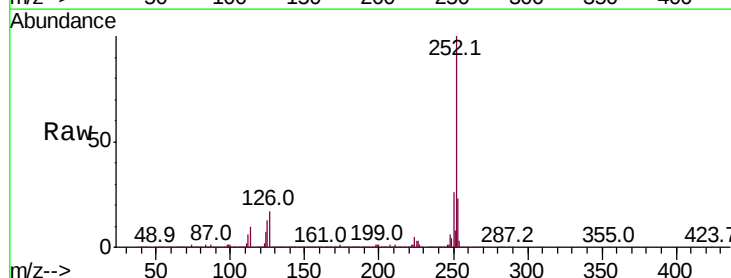
Instrument :  
BNA\_F  
ClientSampleId :  
RBR-200050MSD

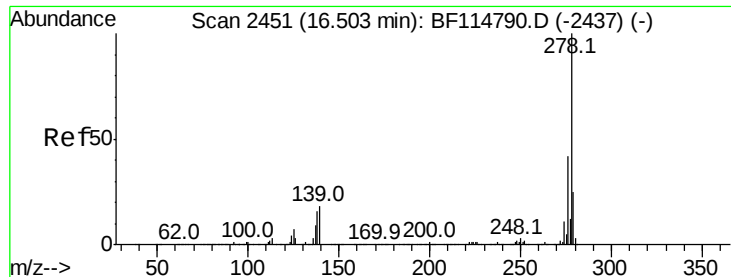
Tot Ion:252 Resp: 2365453  
Ion Ratio Lower Upper  
252 100  
253 24.1 19.3 28.9  
125 11.6 10.1 15.1



#90  
Benzo(a)pyrene  
Concen: 48.838 ng  
RT: 15.13 min Scan# 2217  
Delta R.T. 0.01 min  
Lab File: BF114874.D  
Acq: 6 Jun 2019 20:43

Tgt Ion:252 Resp: 2492943  
Ion Ratio Lower Upper  
252 100  
253 23.4 18.5 27.7  
125 13.2 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 47.519 ng

RT: 16.52 min Scan# 2453

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA\_F

ClientSampleId :

RBR-200050MSD

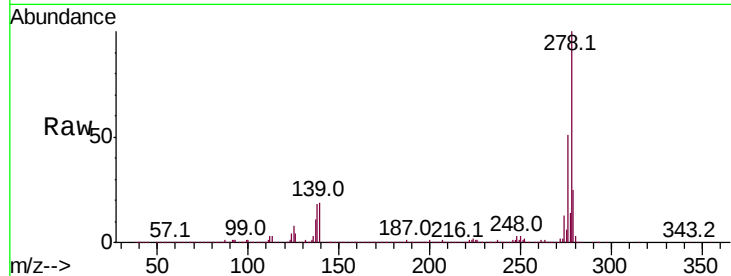
Tot Ion:278 Resp: 2297092

Ion Ratio Lower Upper

278 100

139 19.4 14.6 22.0

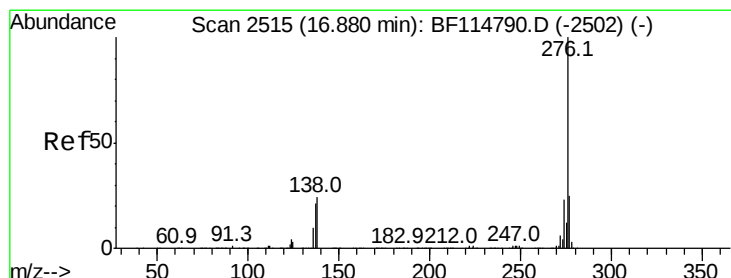
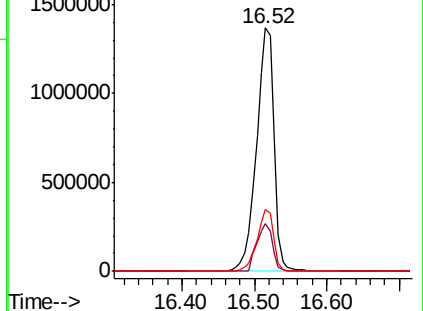
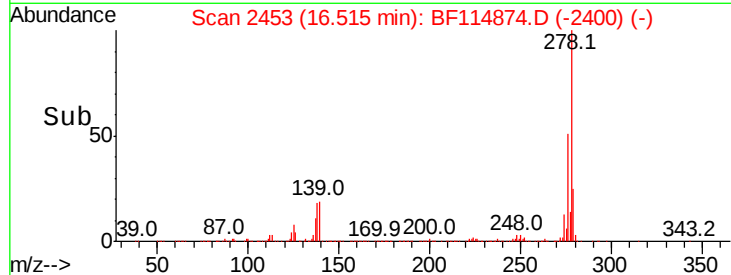
279 25.5 20.1 30.1



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: 48.304 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.02 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

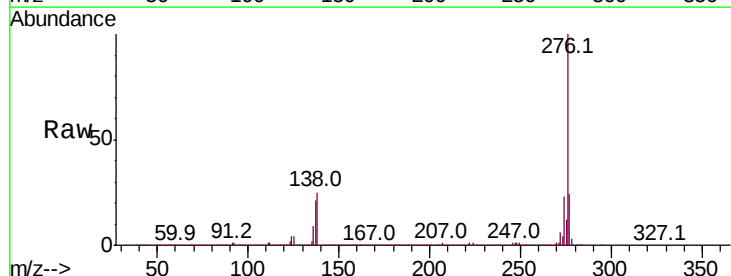
Tgt Ion:276 Resp: 2348136

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.6

138 24.8 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

