

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\  
 Data File : BF114608.D  
 Acq On : 25 May 2019 17:12  
 Operator : JU/SJ  
 Sample : PB119859BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119859BS

Quant Time: May 26 23:43:56 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 24 07:23:33 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 162460   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.08  | 136  | 622067   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 9.84  | 164  | 302890   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 11.33 | 188  | 599705   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 13.97 | 240  | 406688   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.43 | 264  | 417803   | 20.00 | ng    | -0.02    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.44  | 112 | 1268573 | 125.66 | ng | 0.00  |
| 7) Phenol-d6                | 6.46  | 99  | 1600789 | 134.07 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.37  | 82  | 989135  | 89.24  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol    | 10.63 | 330 | 403327  | 128.80 | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 9.16  | 172 | 1806742 | 90.23  | ng | -0.01 |
| 79) Terphenyl-d14           | 12.91 | 244 | 1805029 | 91.49  | ng | 0.00  |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.60 | 88  | 239843  | 43.223 | ng | 99   |
| 3) Pyridine                    | 3.35 | 79  | 473714  | 30.985 | ng | 98   |
| 4) n-Nitrosodimethylamine      | 3.30 | 42  | 254798  | 34.560 | ng | 99   |
| 6) Aniline                     | 6.47 | 93  | 506111  | 29.344 | ng | # 37 |
| 8) 2-Chlorophenol              | 6.59 | 128 | 467460  | 43.374 | ng | 96   |
| 9) Benzaldehyde                | 6.35 | 77  | 226442  | 27.090 | ng | 97   |
| 10) Phenol                     | 6.47 | 94  | 565884  | 40.288 | ng | 81   |
| 11) bis(2-Chloroethyl)ether    | 6.54 | 93  | 445057  | 41.737 | ng | 98   |
| 12) 1,3-Dichlorobenzene        | 6.74 | 146 | 494479  | 40.874 | ng | 98   |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 505449  | 41.463 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 463949  | 41.657 | ng | 98   |
| 15) Benzyl Alcohol             | 6.95 | 79  | 368194  | 39.538 | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 802674  | 38.822 | ng | 57   |
| 17) 2-Methylphenol             | 7.07 | 107 | 369380  | 41.723 | ng | # 91 |
| 18) Hexachloroethane           | 7.31 | 117 | 184743  | 40.374 | ng | 99   |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70  | 319067  | 42.159 | ng | 98   |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 483982  | 47.316 | ng | # 72 |
| 22) Acetophenone               | 7.21 | 105 | 629984  | 45.715 | ng | # 89 |
| 24) Nitrobenzene               | 7.39 | 77  | 493307  | 43.695 | ng | 97   |
| 25) Isophorone                 | 7.63 | 82  | 913704  | 44.446 | ng | 99   |
| 26) 2-Nitrophenol              | 7.70 | 139 | 253114  | 46.211 | ng | 98   |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 419879  | 48.808 | ng | 99   |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93  | 573691  | 43.010 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 7.95 | 162 | 393715  | 45.962 | ng | 100  |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 419486  | 43.065 | ng | 98   |
| 31) Naphthalene                | 8.10 | 128 | 1331231 | 45.813 | ng | 99   |
| 32) Benzoic acid               | 7.90 | 122 | 229345  | 38.941 | ng | 99   |
| 33) 4-Chloroaniline            | 8.16 | 127 | 420721  | 31.773 | ng | 98   |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 234186  | 42.253 | ng | 99   |
| 35) Caprolactam                | 8.53 | 113 | 65447   | 23.431 | ng | 95   |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107 | 412850  | 47.880 | ng | 99   |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 900882  | 48.053 | ng | 97   |
| 38) 1-Methylnaphthalene        | 8.90 | 142 | 850242  | 48.158 | ng | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 413602  | 45.078 | ng | 99   |

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 ALS Vial : 8 Sample Multiplier: 1

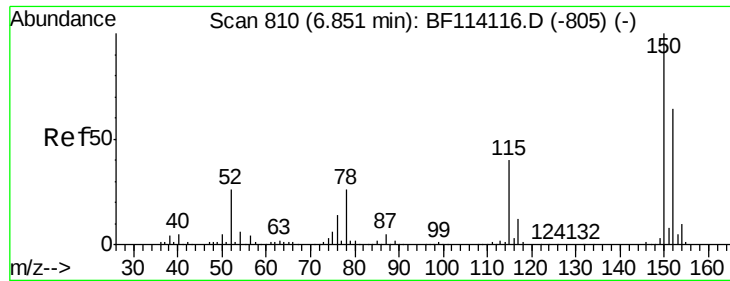
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119859BS

Quant Time: May 26 23:43:56 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 24 07:23:33 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.95  | 237  | 201825   | 48.987 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.09  | 196  | 261163   | 41.382 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.13  | 196  | 265424   | 41.010 | nq    | 96       |
| 46) 1,1'-Biphenyl              | 9.26  | 154  | 1111671  | 45.431 | nq    | 97       |
| 47) 2-Chloronaphthalene        | 9.29  | 162  | 844541   | 42.886 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.39  | 65   | 282626   | 40.468 | nq    | 92       |
| 49) Acenaphthylene             | 9.70  | 152  | 1331877  | 44.468 | nq    | 98       |
| 50) Dimethylphthalate          | 9.56  | 163  | 974224   | 43.815 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.63  | 165  | 215930   | 43.784 | nq    | 87       |
| 52) Acenaphthene               | 9.87  | 154  | 783762   | 42.643 | nq    | 98       |
| 53) 3-Nitroaniline             | 9.80  | 138  | 188658   | 30.817 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 9.93  | 184  | 185357   | 75.189 | nq    | 94       |
| 55) Dibenzofuran               | 10.05 | 168  | 1129250  | 41.900 | nq    | 100      |
| 56) 4-Nitrophenol              | 9.99  | 139  | 209399   | 48.367 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.05 | 165  | 262223   | 39.174 | nq    | # 79     |
| 58) Fluorene                   | 10.39 | 166  | 943859   | 45.340 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 225378   | 40.358 | nq    | 98       |
| 60) Diethylphthalate           | 10.26 | 149  | 974348   | 43.128 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204  | 452979   | 44.304 | nq    | 96       |
| 62) 4-Nitroaniline             | 10.42 | 138  | 234183   | 36.403 | nq    | 96       |
| 63) Azobenzene                 | 10.54 | 77   | 929517   | 42.506 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.46 | 198  | 127870   | 44.374 | nq    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.50 | 169  | 836477   | 45.957 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.86 | 248  | 283653   | 42.958 | nq    | 95       |
| 68) Hexachlorobenzene          | 10.95 | 284  | 304380   | 41.669 | nq    | 95       |
| 69) Atrazine                   | 11.03 | 200  | 243646   | 43.016 | nq    | 99       |
| 70) Pentachlorophenol          | 11.15 | 266  | 203907   | 58.886 | nq    | 99       |
| 71) Phenanthrene               | 11.35 | 178  | 1314379  | 45.049 | nq    | 99       |
| 72) Anthracene                 | 11.40 | 178  | 1355675  | 46.261 | nq    | 99       |
| 73) Carbazole                  | 11.56 | 167  | 1251942  | 44.800 | nq    | 98       |
| 74) Di-n-butylphthalate        | 11.88 | 149  | 1498224  | 46.536 | nq    | 100      |
| 75) Fluoranthene               | 12.54 | 202  | 1382370  | 43.998 | nq    | 98       |
| 77) Benzidine                  | 12.66 | 184  | 801336   | 43.895 | nq    | 97       |
| 78) Pyrene                     | 12.77 | 202  | 1399335  | 42.772 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.37 | 149  | 641368   | 46.576 | nq    | 99       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 1170649  | 44.504 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 366998   | 35.965 | nq    | 99       |
| 83) Chrysene                   | 14.00 | 228  | 1143279  | 44.338 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.93 | 149  | 870164   | 48.316 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.54 | 149  | 1450029  | 49.666 | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.90 | 276  | 1074922  | 47.169 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 15.01 | 252  | 1174094  | 43.864 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 15.04 | 252  | 1107409  | 45.039 | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.37 | 252  | 1104509  | 46.887 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.90 | 278  | 892275   | 45.583 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.33 | 276  | 914883   | 46.637 | nq    | 99       |

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



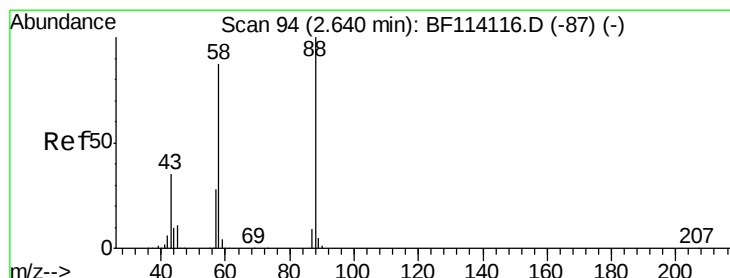
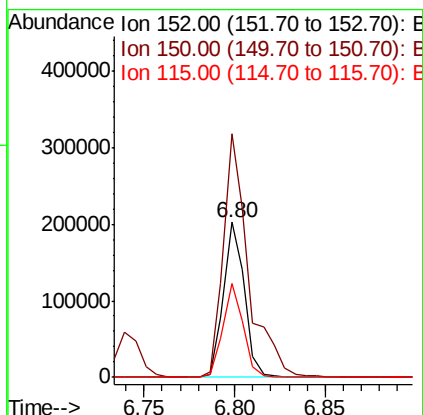
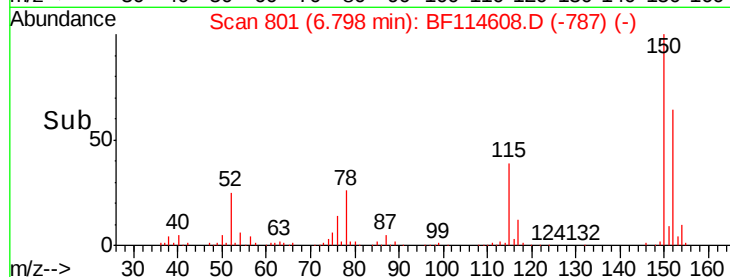
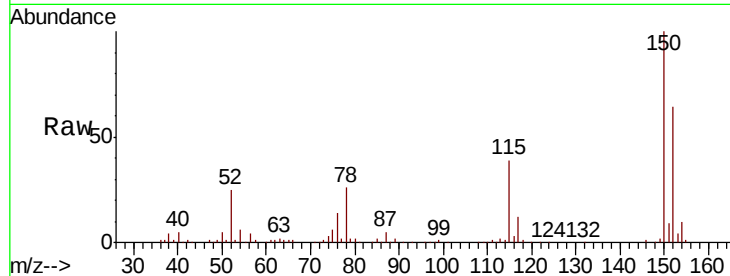


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 801  
Delta R.T. -0.02 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

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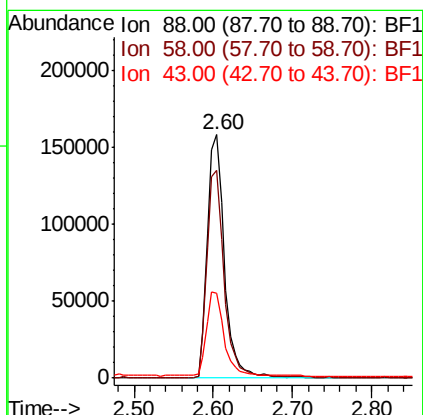
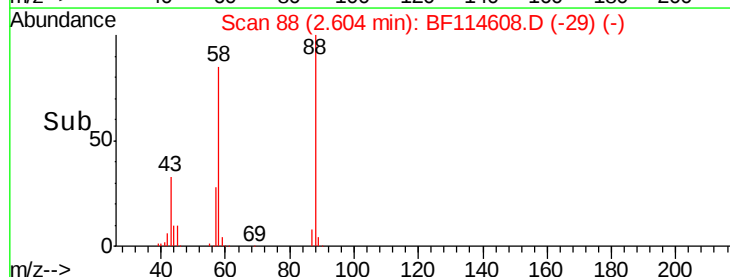
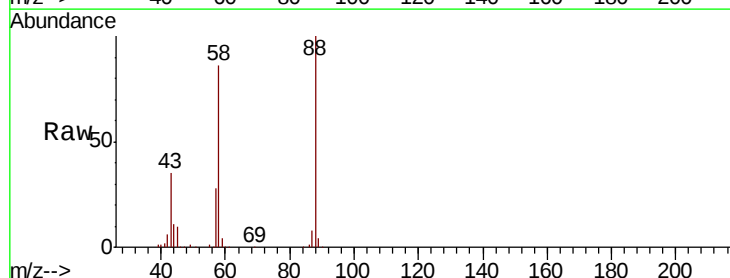
Tot Ion:152 Resp: 162460  
Ion Ratio Lower Upper  
152 100  
150 157.0 124.3 186.5  
115 60.8 49.1 73.7

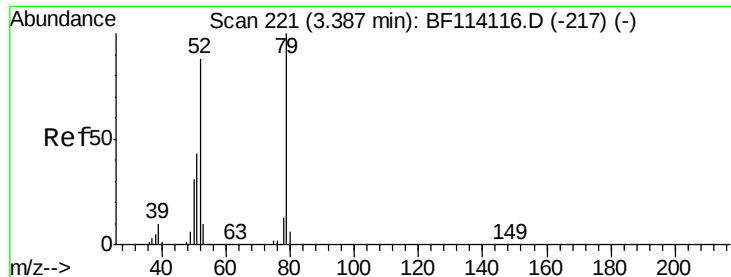


#2

1,4-Dioxane  
Concen: 43.223 ng  
RT: 2.60 min Scan# 88  
Delta R.T. 0.05 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Tgt Ion: 88 Resp: 239843  
Ion Ratio Lower Upper  
88 100  
58 84.8 68.7 103.1  
43 34.5 28.2 42.2





#3

Pvridine

Concen: 30.985 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.05 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

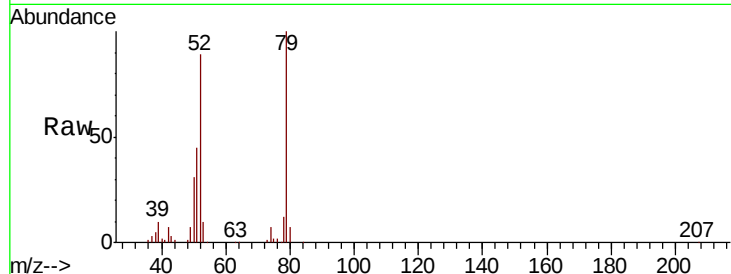
Tot Ion: 79 Resp: 473714

Ion Ratio Lower Upper

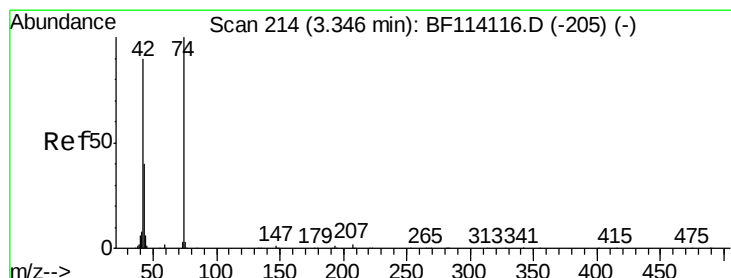
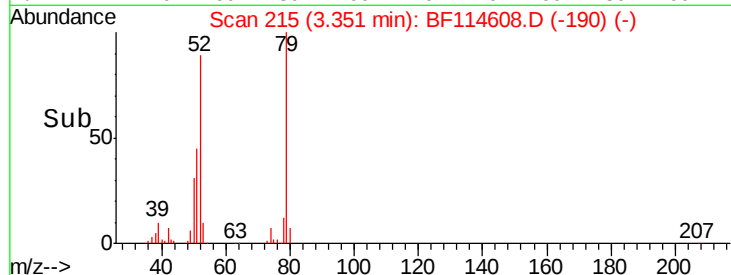
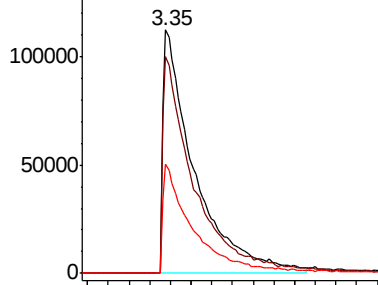
79 100

52 88.9 70.6 105.8

51 45.1 34.2 51.2



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



#4

n-Nitrosodimethylamine

Concen: 34.560 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.04 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

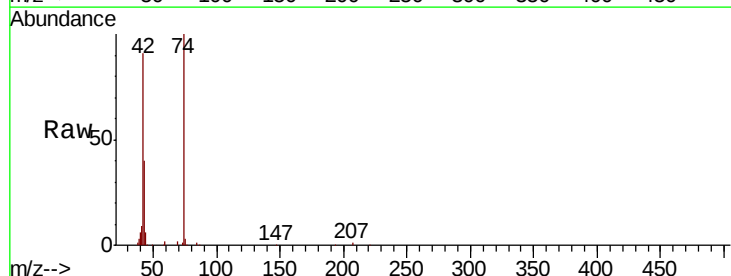
Tgt Ion: 42 Resp: 254798

Ion Ratio Lower Upper

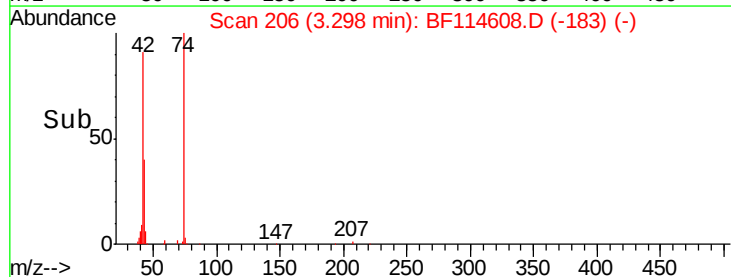
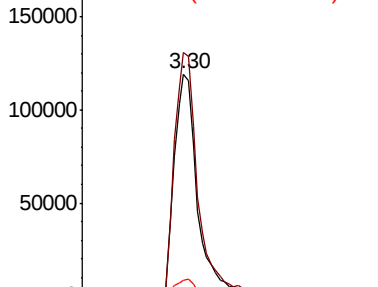
42 100

74 109.5 88.6 132.8

44 7.1 5.5 8.3



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





#5

2-Fluorophenol

Concen: 125.660 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

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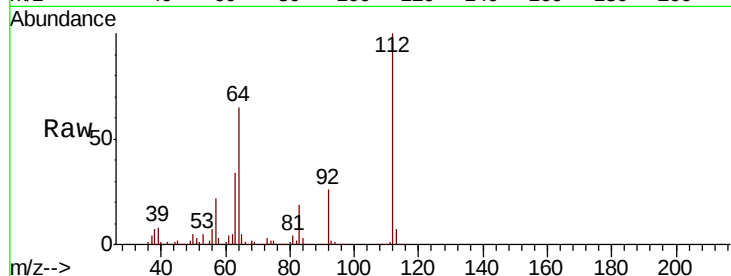
Tot Ion:112 Resp: 1268573

Ion Ratio Lower Upper

112 100

64 65.2 49.0 73.6

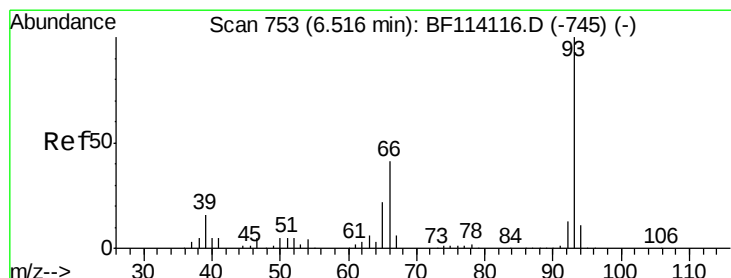
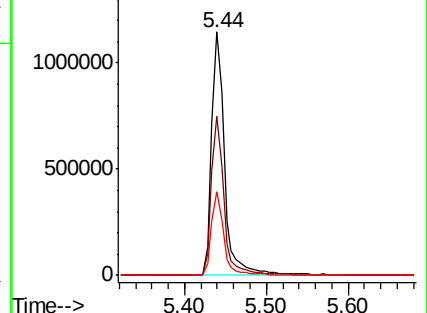
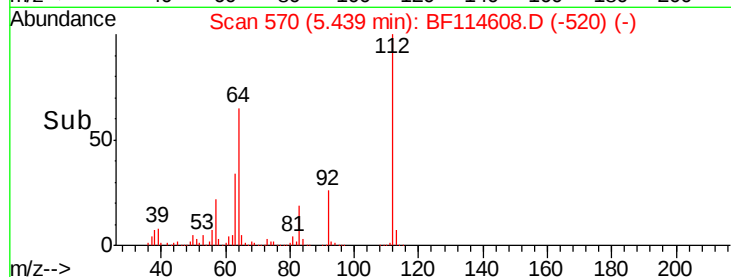
63 34.3 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.344 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

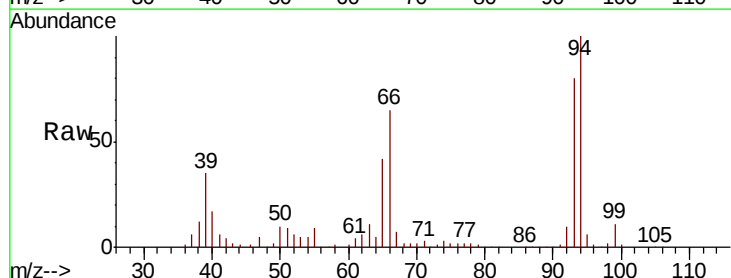
Tgt Ion: 93 Resp: 506111

Ion Ratio Lower Upper

93 100

66 81.0 33.2 49.8#

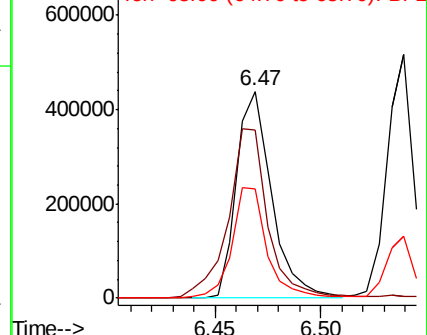
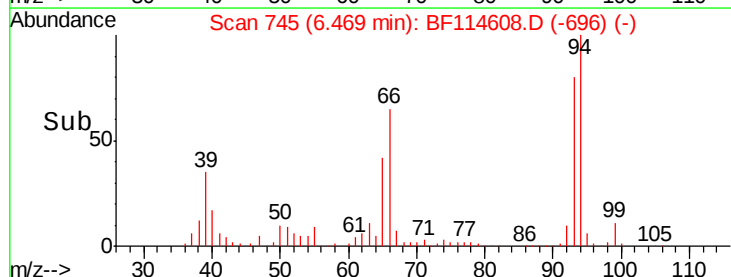
65 52.8 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 134.069 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

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PB119859BS

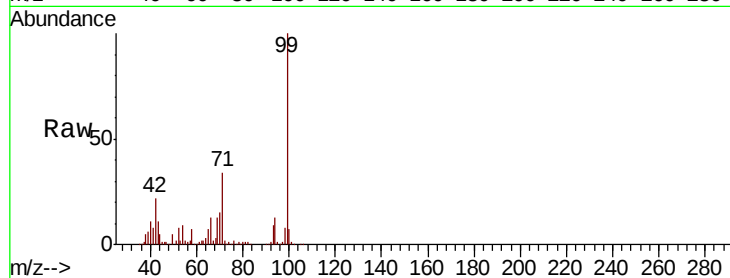
Tot Ion: 99 Resp: 1600789

Ion Ratio Lower Upper

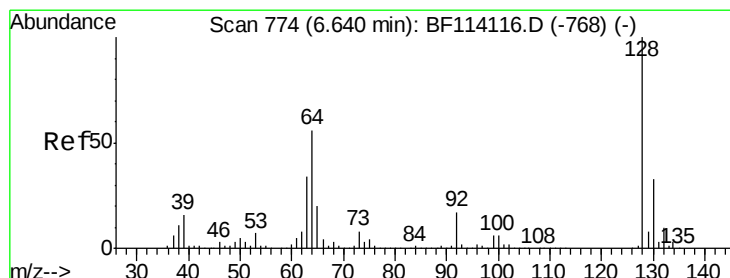
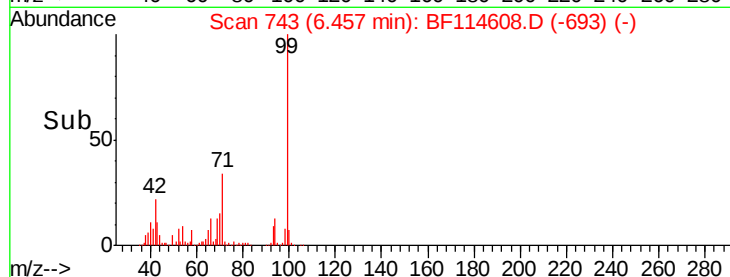
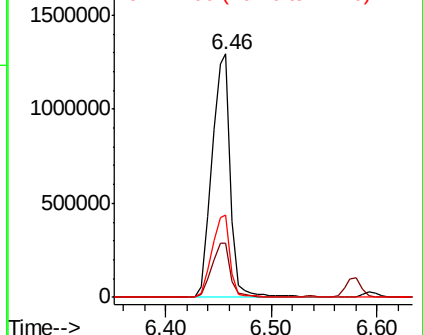
99 100

42 22.0 17.9 26.9

71 33.7 26.2 39.2



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



#8

2-Chlorophenol

Concen: 43.374 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

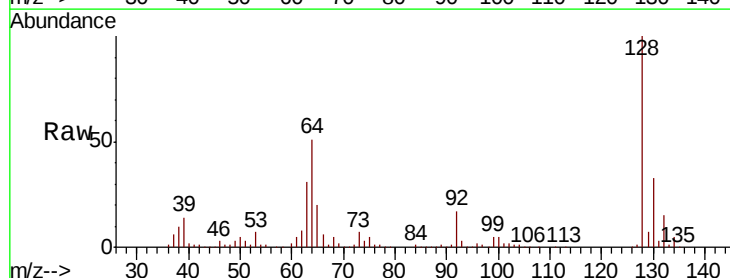
Tgt Ion: 128 Resp: 467460

Ion Ratio Lower Upper

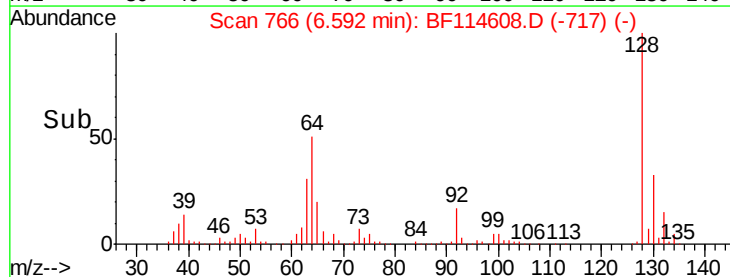
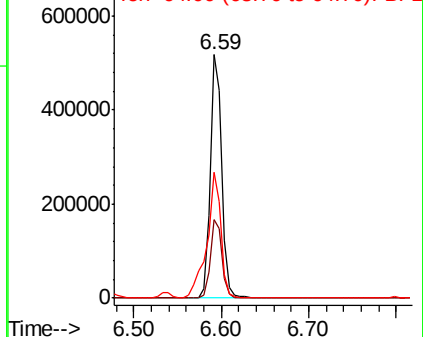
128 100

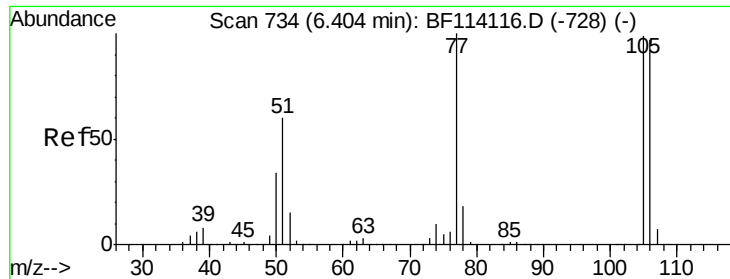
130 32.5 12.6 52.6

64 51.5 35.9 75.9



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: 27.090 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleID :

PB119859BS

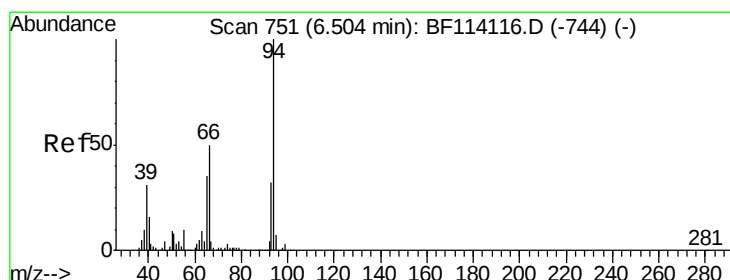
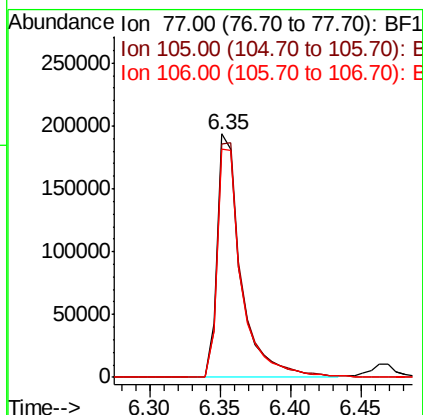
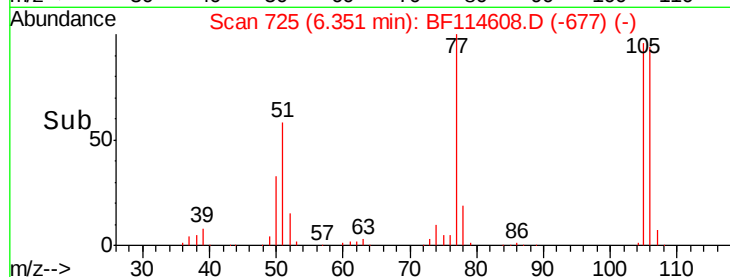
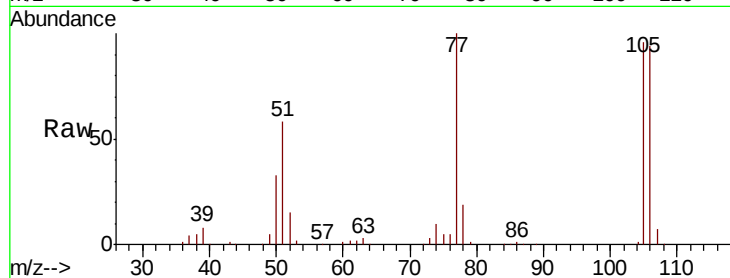
Tot Ion: 77 Resp: 226442

Ion Ratio Lower Upper

77 100

105 95.9 79.3 119.3

106 93.9 77.0 117.0



#10

Phenol

Concen: 40.288 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

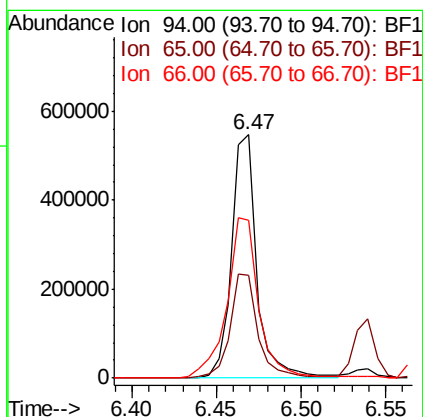
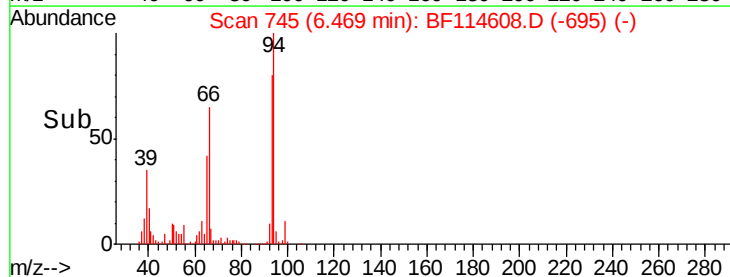
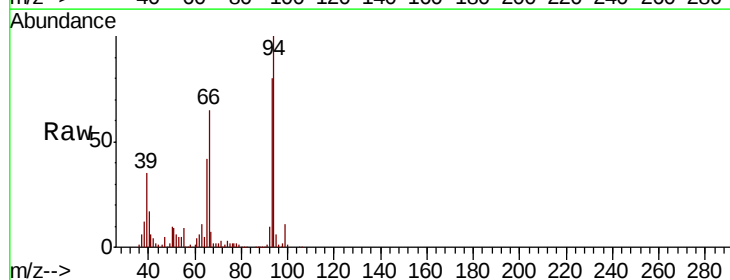
Tgt Ion: 94 Resp: 565884

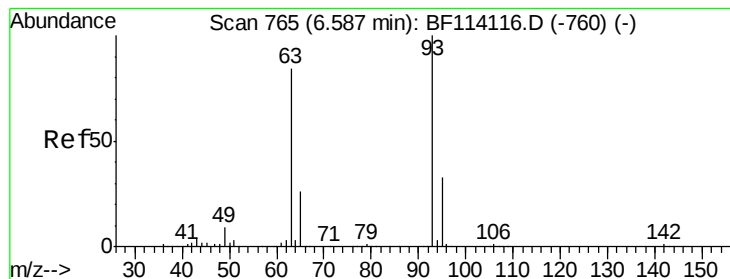
Ion Ratio Lower Upper

94 100

65 42.4 14.7 54.7

66 65.0 29.6 69.6





#11

bis(2-Chloroethyl)ether

Concen: 41.737 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

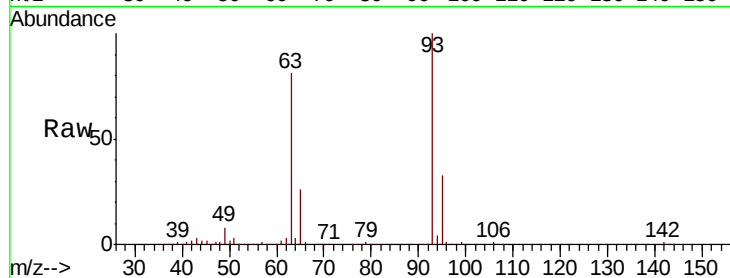
Tot Ion: 93 Resp: 445057

Ion Ratio Lower Upper

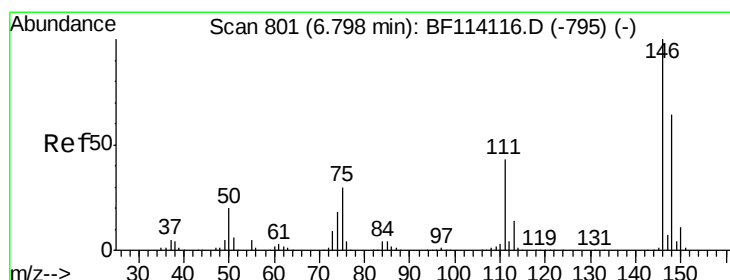
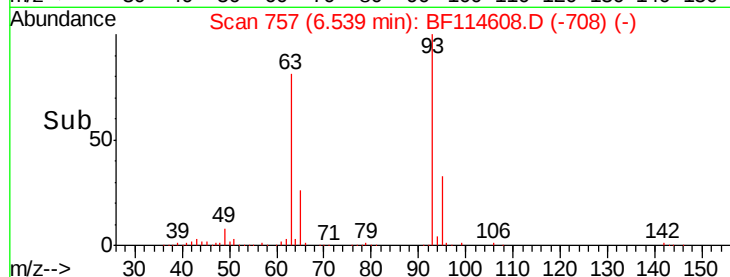
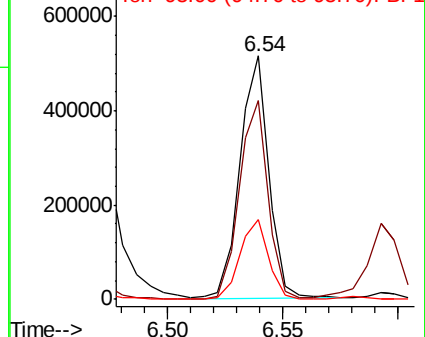
93 100

63 81.5 63.6 103.6

95 32.6 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.874 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

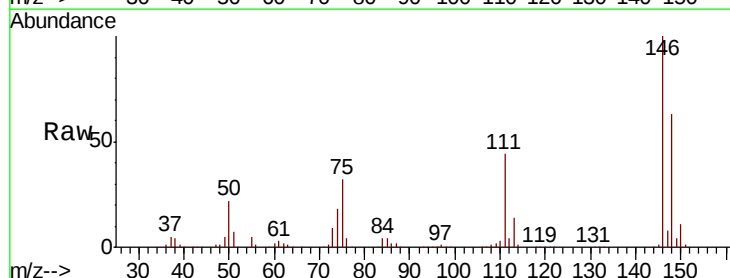
Tgt Ion: 146 Resp: 494479

Ion Ratio Lower Upper

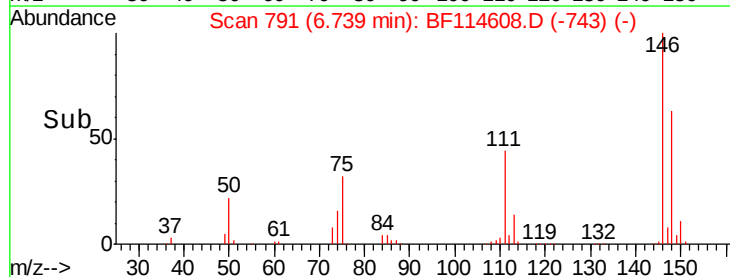
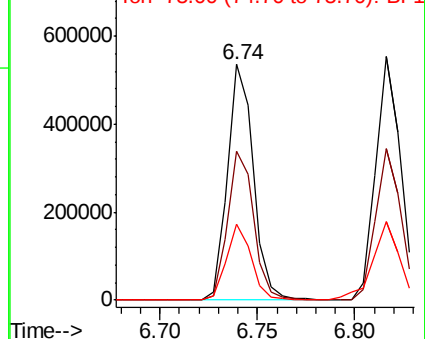
146 100

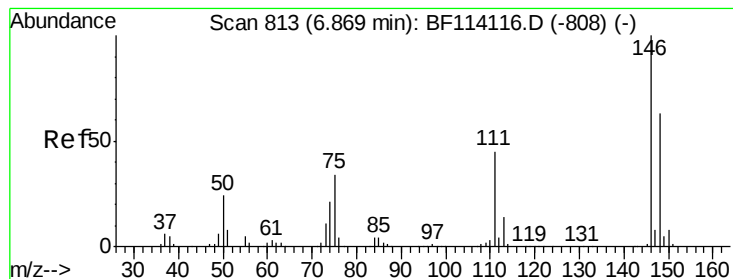
148 63.1 51.6 77.4

75 32.2 24.2 36.2



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.463 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleID :

PB119859BS

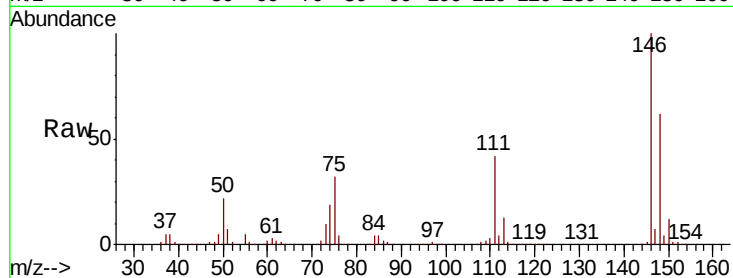
Tot Ion:146 Resp: 505449

Ion Ratio Lower Upper

146 100

148 62.3 50.2 75.2

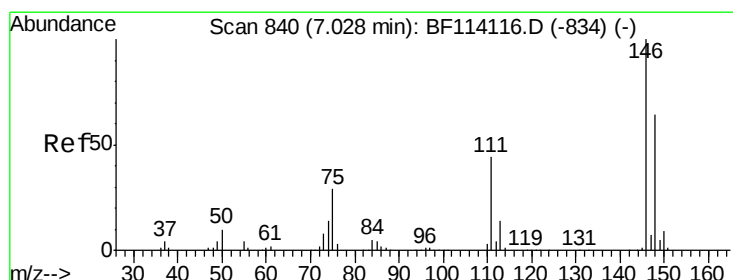
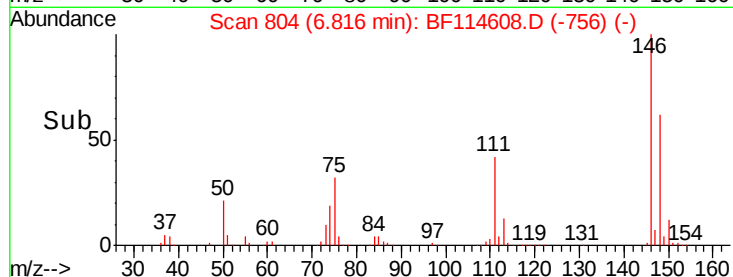
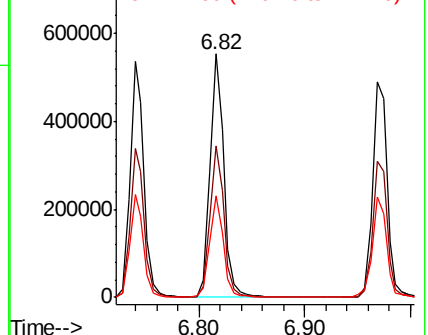
111 41.8 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.657 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

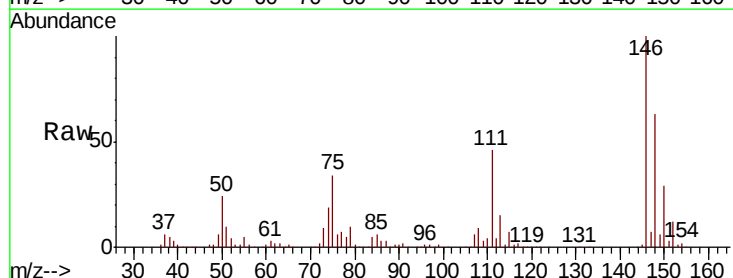
Tgt Ion:146 Resp: 463949

Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

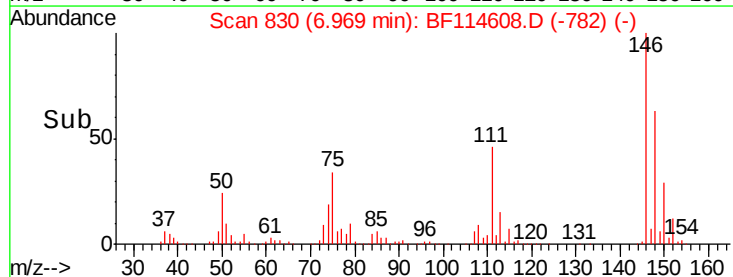
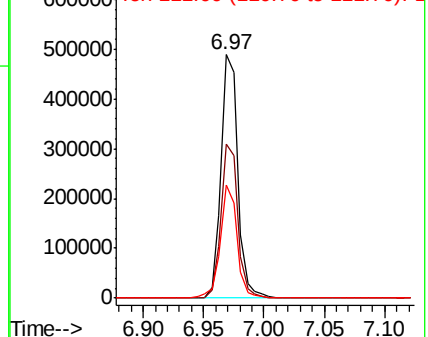
111 46.3 35.3 52.9



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: 39.538 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

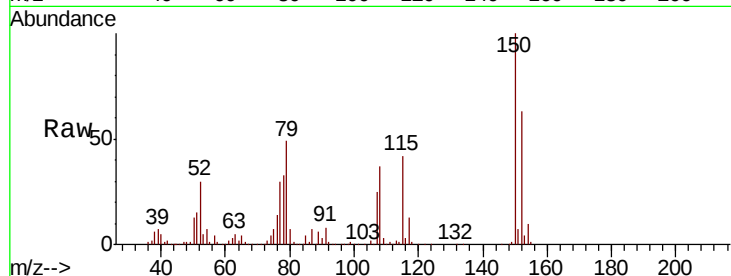
Tot Ion: 79 Resp: 368194

Ion Ratio Lower Upper

79 100

108 75.4 62.1 93.1

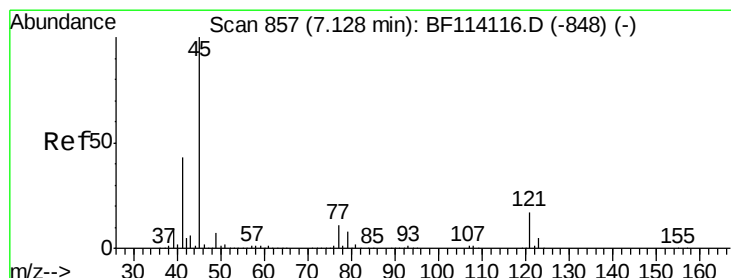
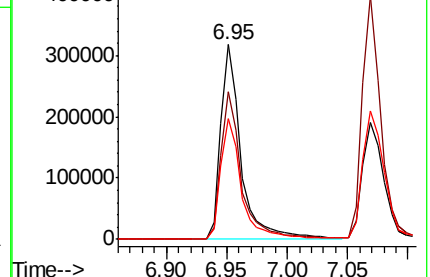
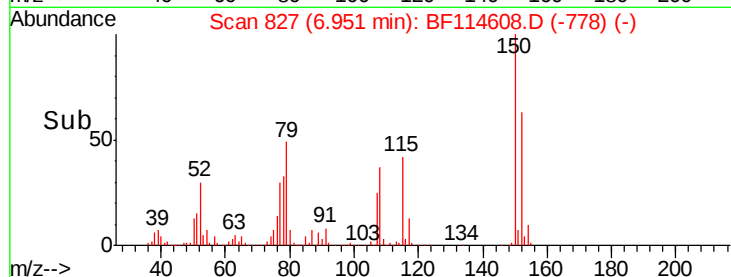
77 62.2 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.822 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

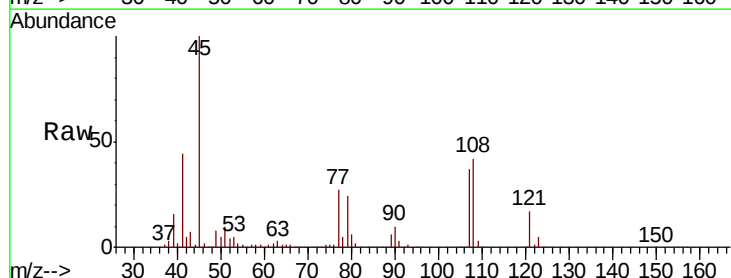
Tgt Ion: 45 Resp: 802674

Ion Ratio Lower Upper

45 100

77 27.1 0.0 31.1

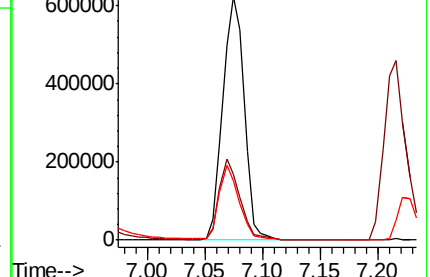
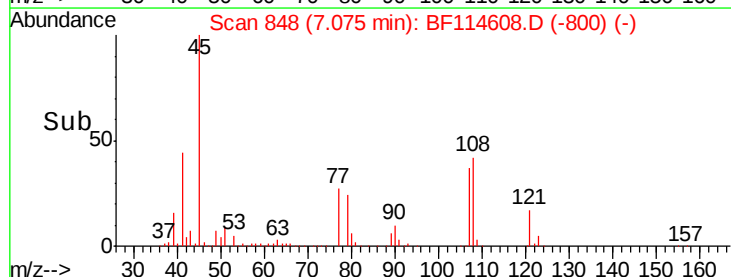
79 24.4 0.0 28.4

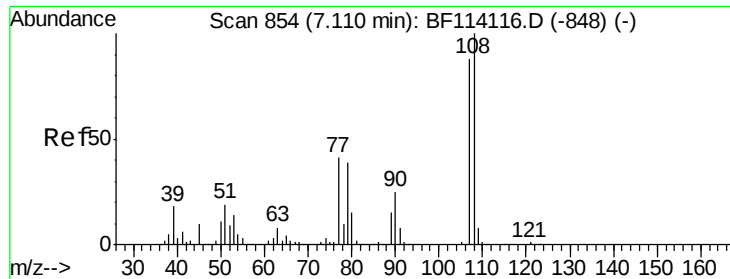


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

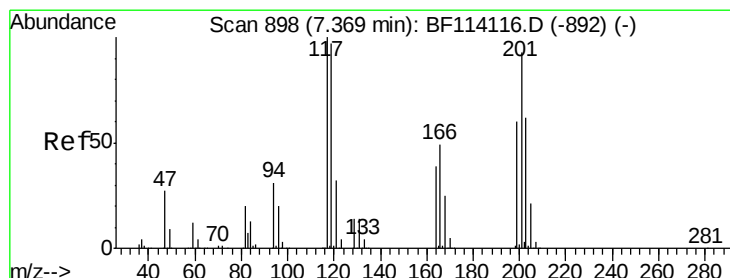
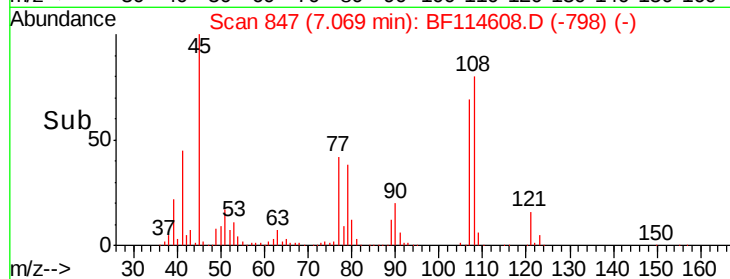
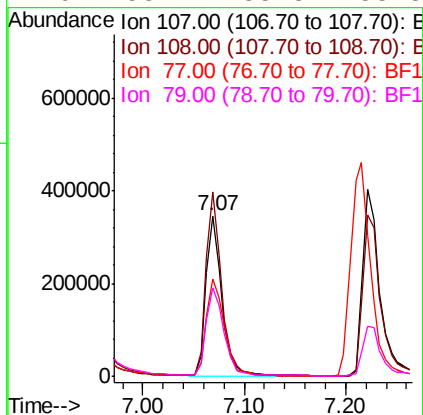
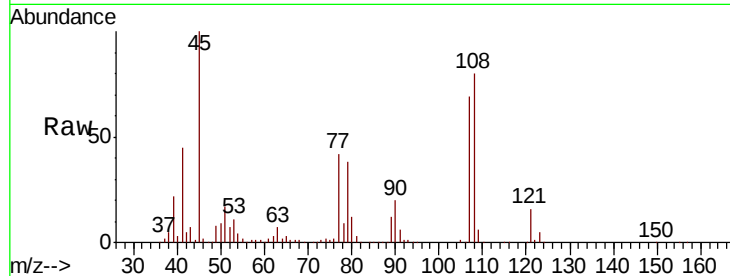




#17  
2-Methylphenol  
Concen: 41.723 ng  
RT: 7.07 min Scan# 847  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

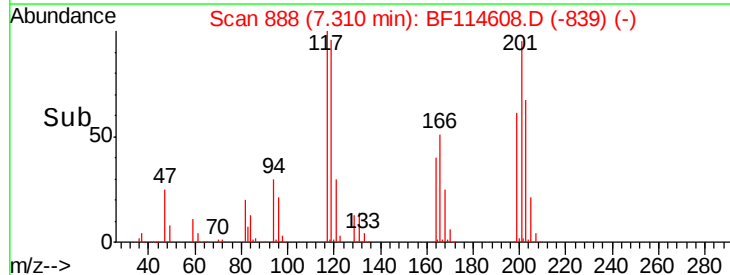
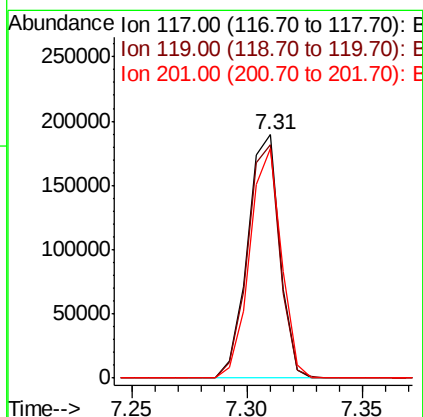
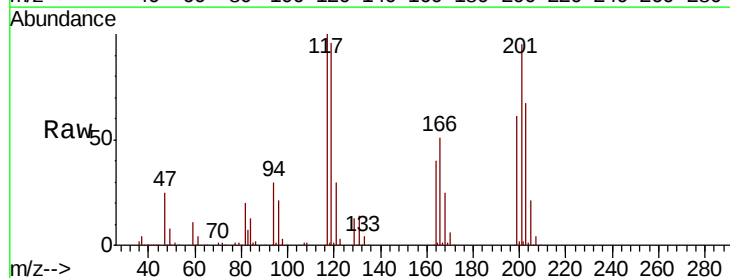
Instrument :  
BNA\_F  
ClientSampleId :  
PB119859BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 115.0 | 90.5  | 135.7 |
| 77      | 60.5  | 37.0  | 55.4# |
| 79      | 55.4  | 35.8  | 53.8# |



#18  
Hexachloroethane  
Concen: 40.374 ng  
RT: 7.31 min Scan# 888  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.0  | 77.4  | 116.2 |
| 201     | 94.5  | 74.5  | 111.7 |

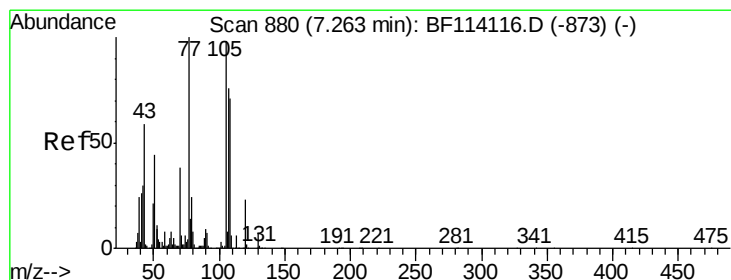
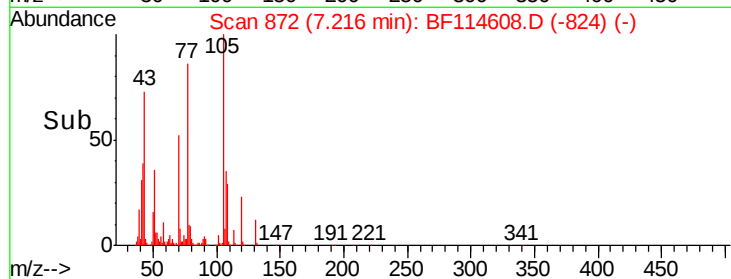
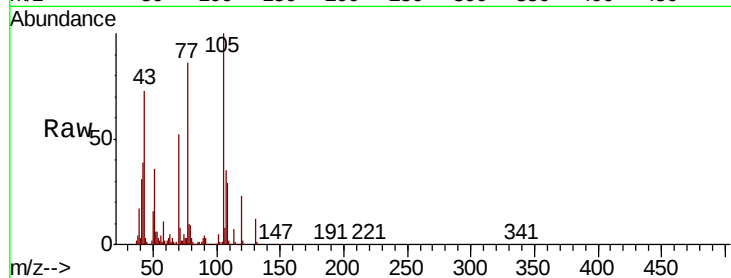
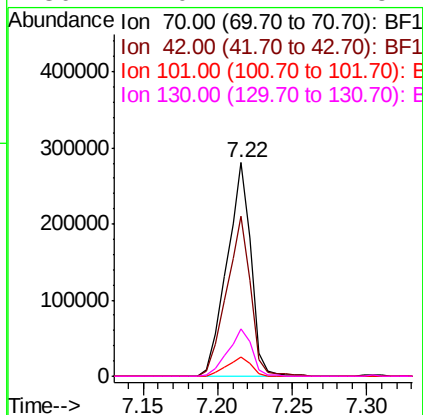




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.159 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.02 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

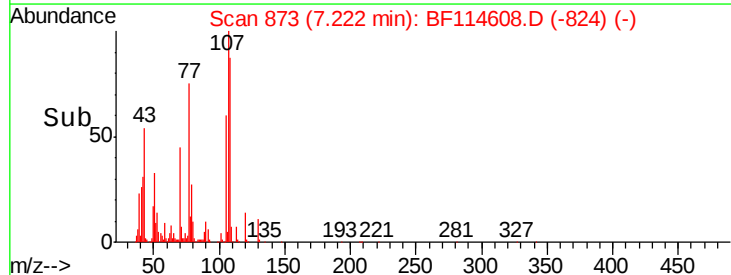
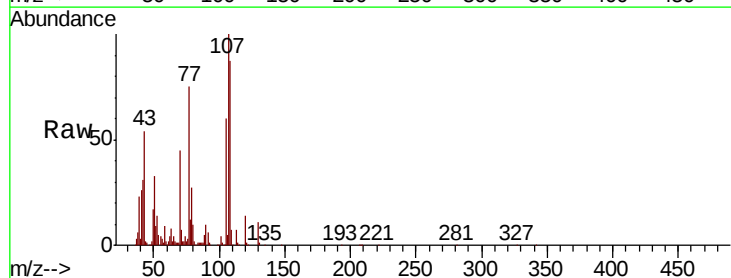
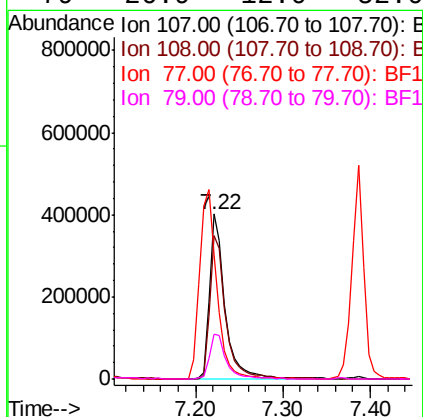
Instrument :  
BNA\_F  
ClientSampleId :  
PB119859BS

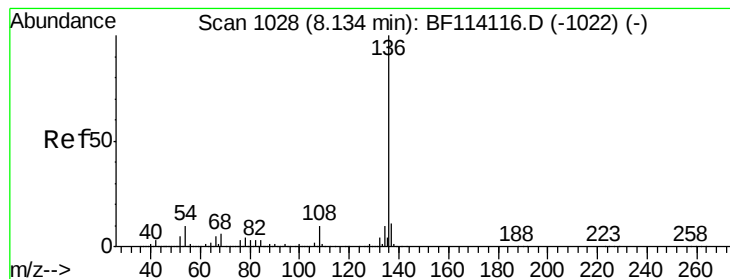
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 319067 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 74.7  | 58.6  | 87.8   |
| 101      | 9.3   | 7.8   | 11.8   |
| 130      | 22.0  | 17.1  | 25.7   |



#20  
3+4-Methylphenols  
Concen: 47.316 ng  
RT: 7.22 min Scan# 873  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 483982 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.7  | 73.8  | 113.8  |
| 77       | 75.3  | 111.5 | 151.5# |
| 79       | 26.9  | 12.0  | 52.0   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

Tot Ion:136 Resp: 622067

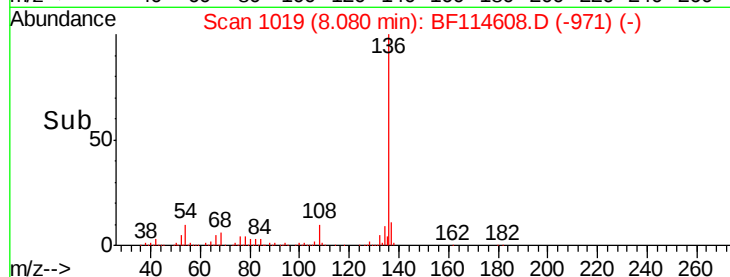
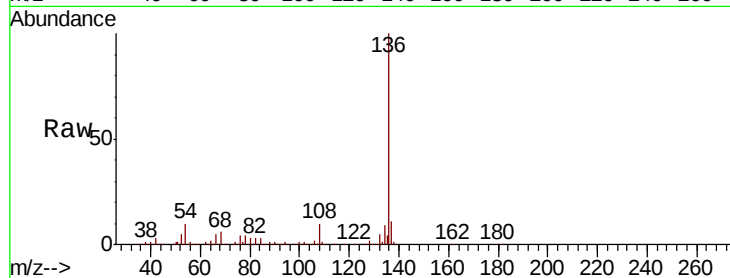
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.5 7.8 11.8

68 5.8 5.1 7.7



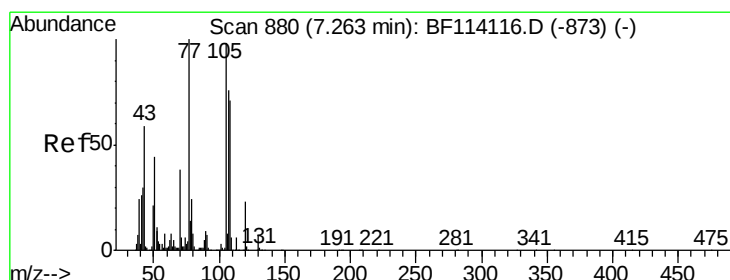
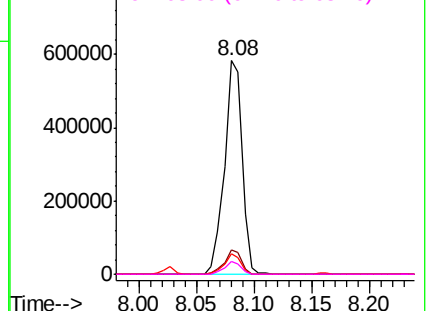
Abundance

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: 45.715 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Tgt Ion:105 Resp: 629984

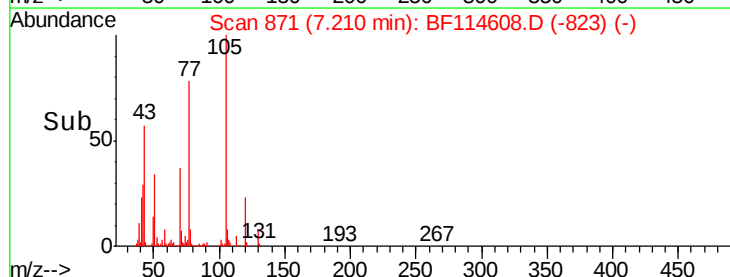
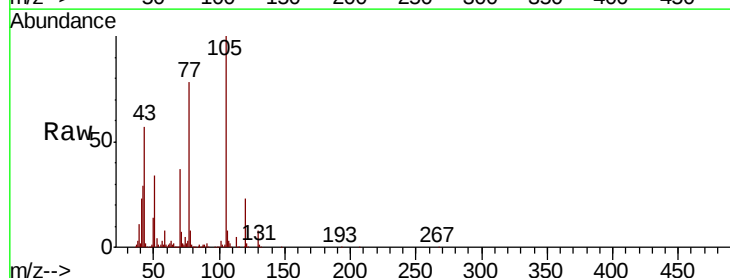
Ion Ratio Lower Upper

105 100

71 6.6 5.3 7.9

51 33.6 36.2 54.4

120 22.7 18.6 28.0



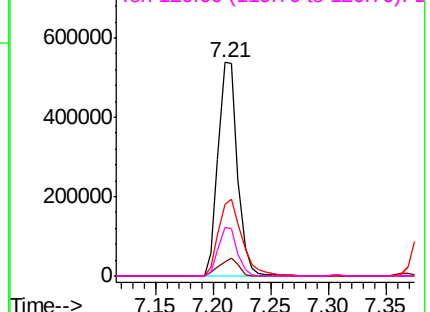
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.235 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

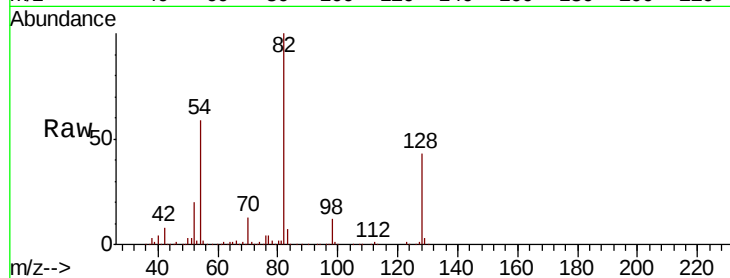
Tot Ion: 82 Resp: 989135

Ion Ratio Lower Upper

82 100

128 43.4 35.5 53.3

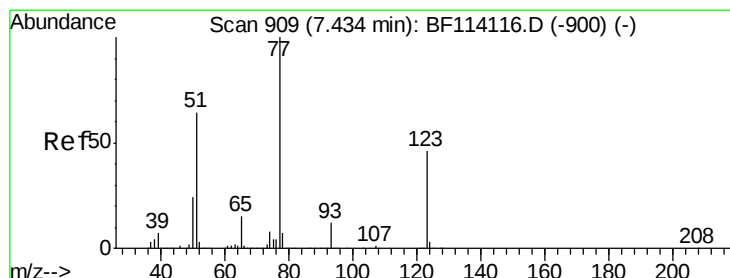
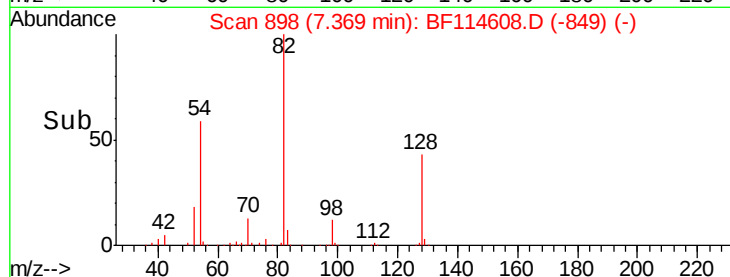
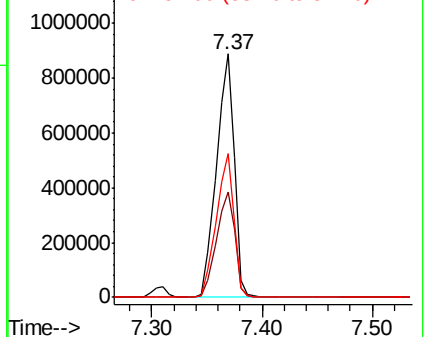
54 59.3 48.5 72.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 43.695 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

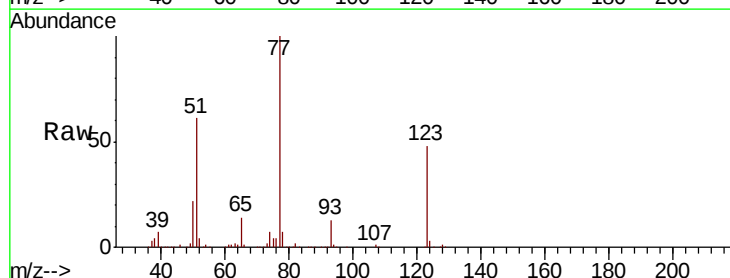
Tgt Ion: 77 Resp: 493307

Ion Ratio Lower Upper

77 100

123 48.4 36.9 55.3

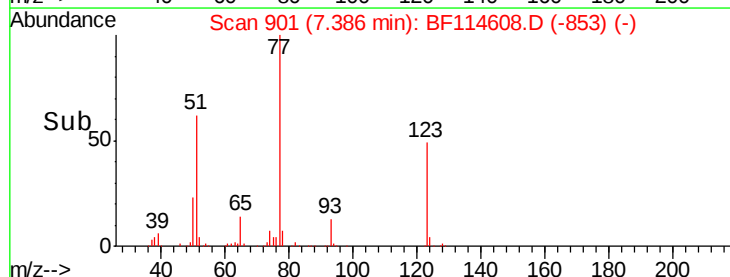
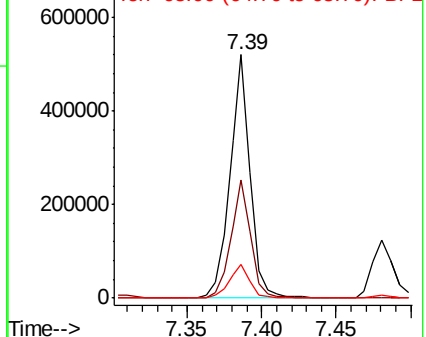
65 13.9 11.8 17.6

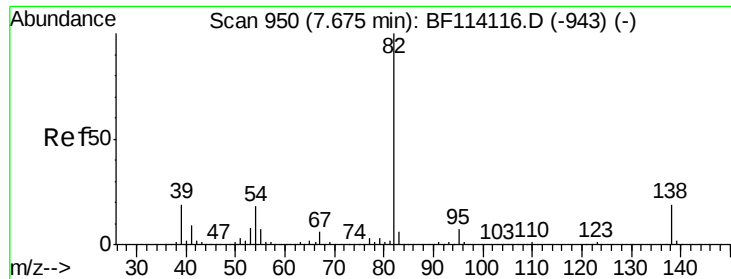


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

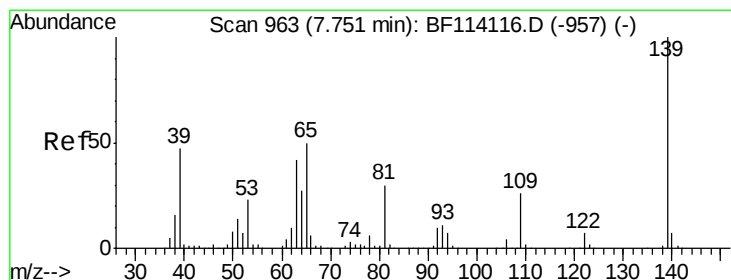
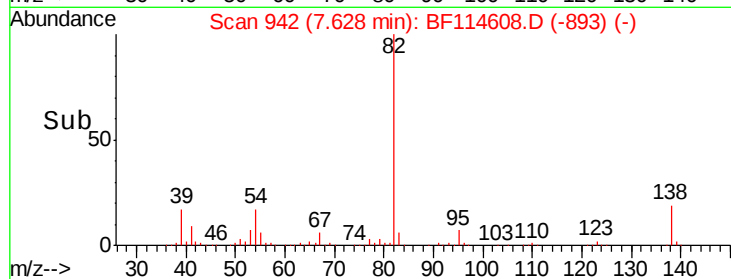
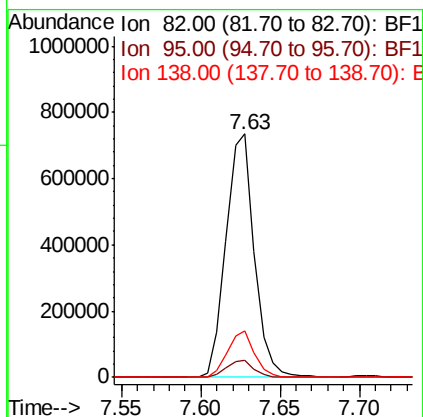
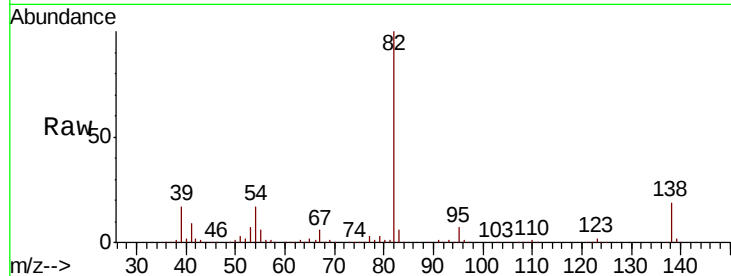




#25  
Isophorone  
Concen: 44.446 ng  
RT: 7.63 min Scan# 942  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

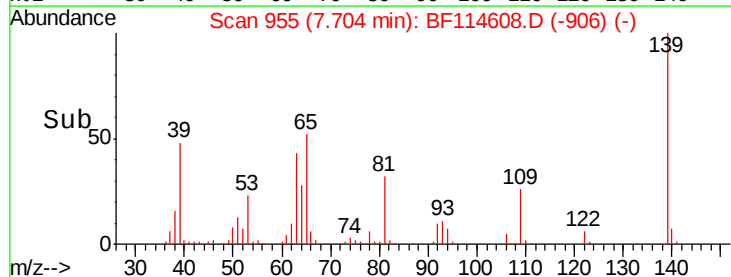
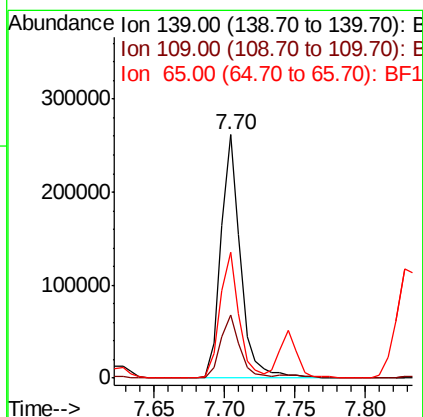
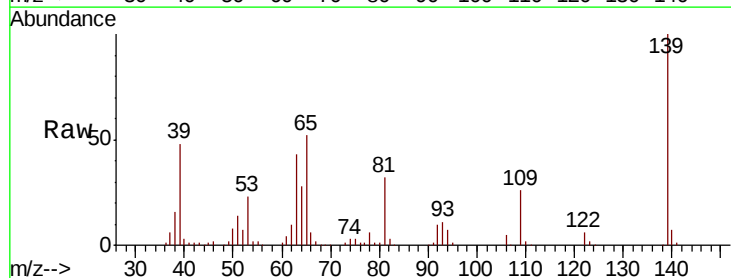
Instrument :  
BNA\_F  
ClientSampleId :  
PB119859BS

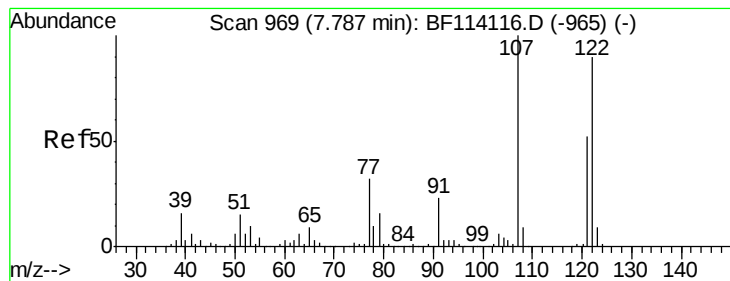
Tot Ion: 82 Resp: 913704  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.6 8.4  
138 19.2 14.8 22.2



#26  
2-Nitrophenol  
Concen: 46.211 ng  
RT: 7.70 min Scan# 955  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Tgt Ion: 139 Resp: 253114  
Ion Ratio Lower Upper  
139 100  
109 26.0 20.7 31.1  
65 51.8 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 48.808 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

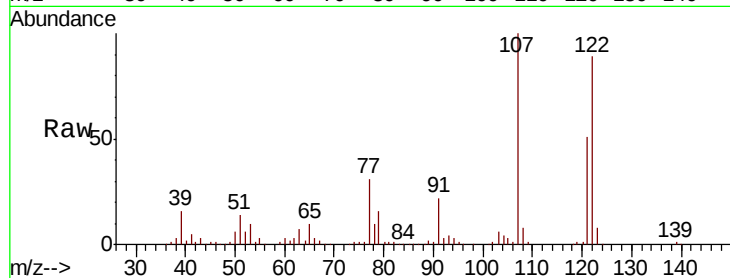
Tot Ion:122 Resp: 419879

Ion Ratio Lower Upper

122 100

107 111.8 88.4 132.6

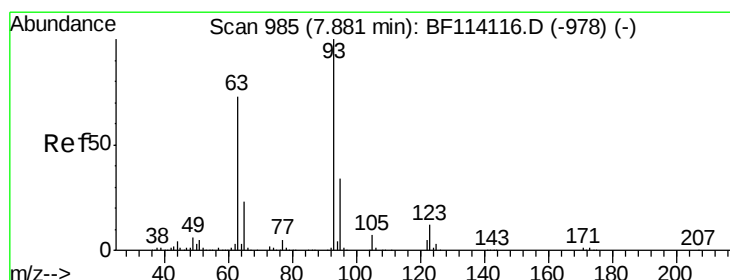
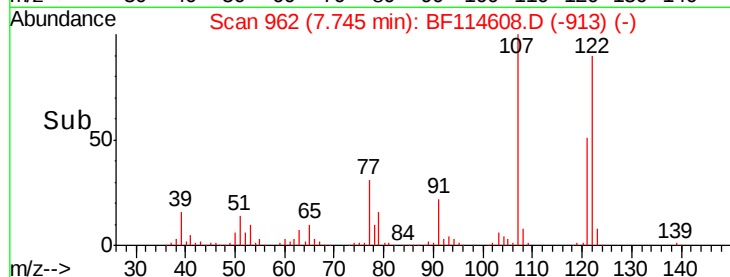
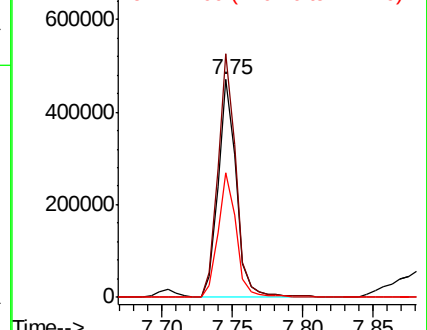
121 57.2 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.010 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

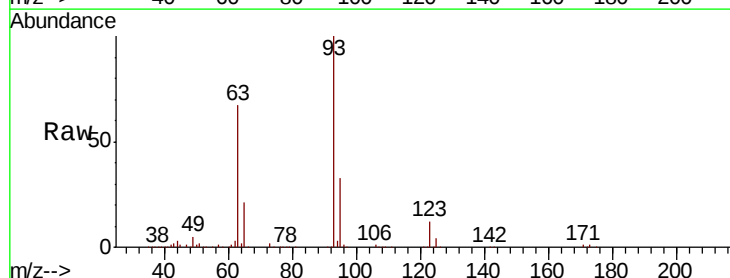
Tgt Ion: 93 Resp: 573691

Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

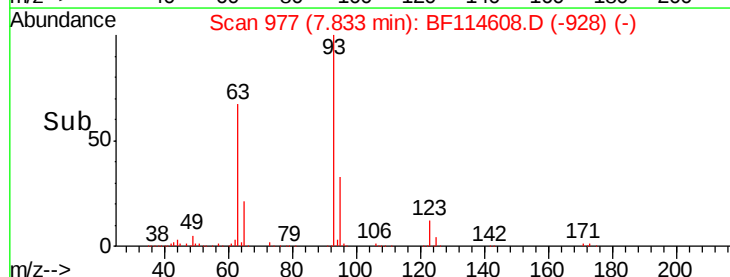
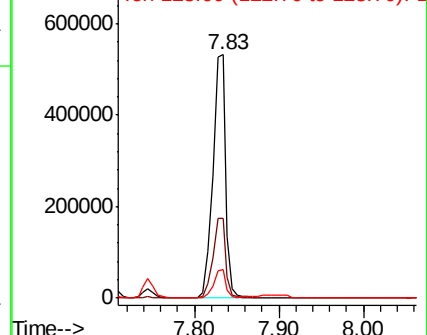
123 11.9 9.5 14.3

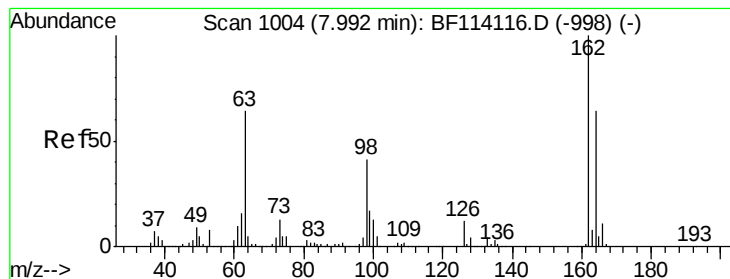


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.962 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

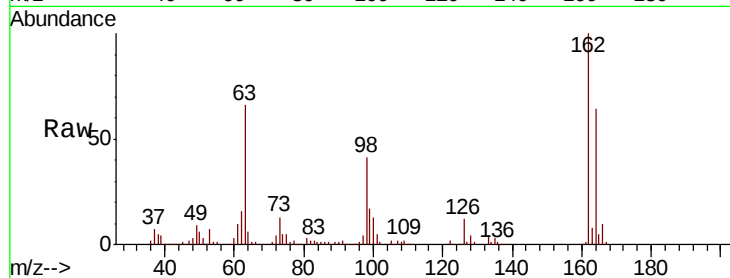
Tot Ion:162 Resp: 393715

Ion Ratio Lower Upper

162 100

164 63.6 43.6 83.6

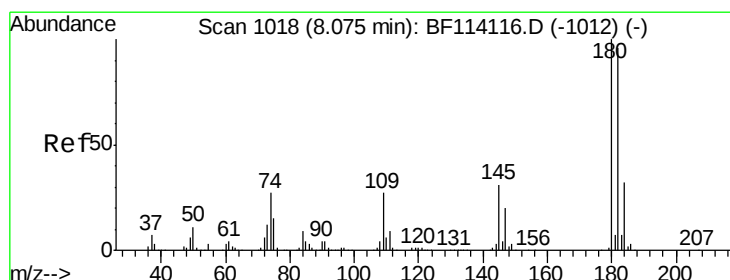
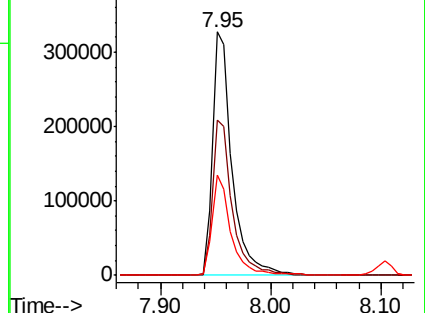
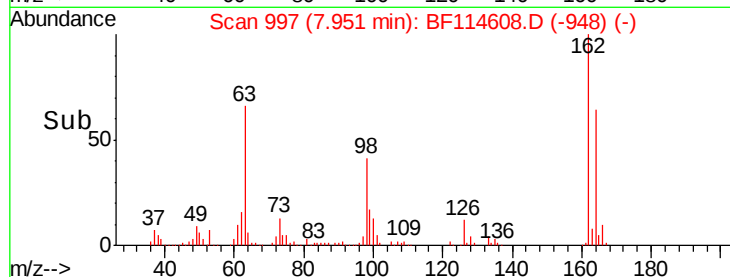
98 41.2 20.6 60.6



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: 43.065 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

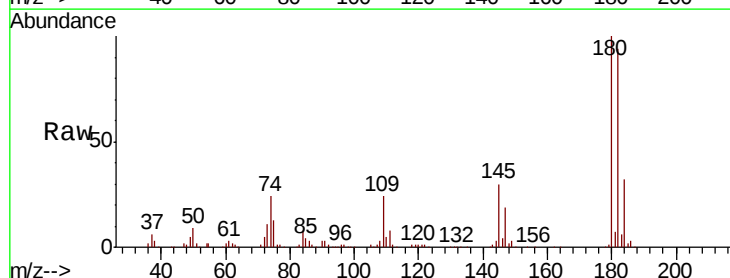
Tgt Ion:180 Resp: 419486

Ion Ratio Lower Upper

180 100

182 93.6 76.6 114.8

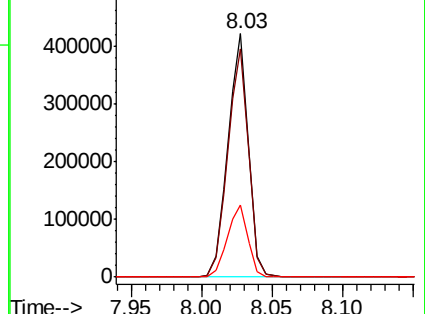
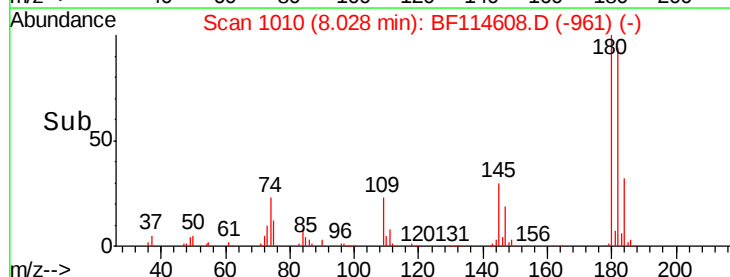
145 29.6 25.1 37.7



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

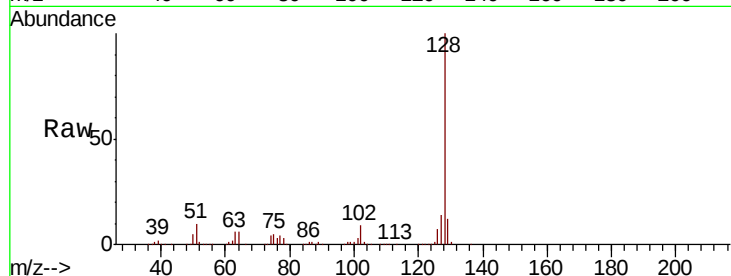




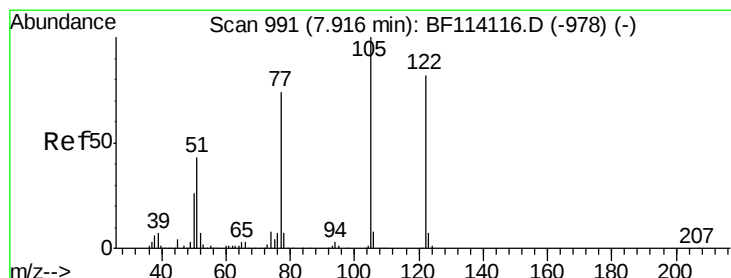
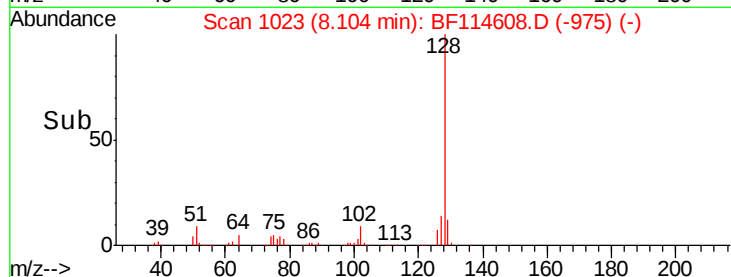
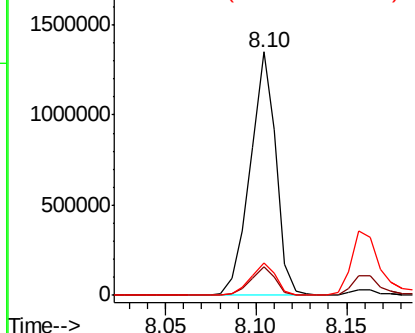
#31  
Naphthalene  
Concen: 45.813 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. -0.02 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Instrument :  
BNA\_F  
ClientSampleId :  
PB119859BS

Tot Ion:128 Resp: 1331231  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.6 14.4  
127 13.5 11.3 16.9

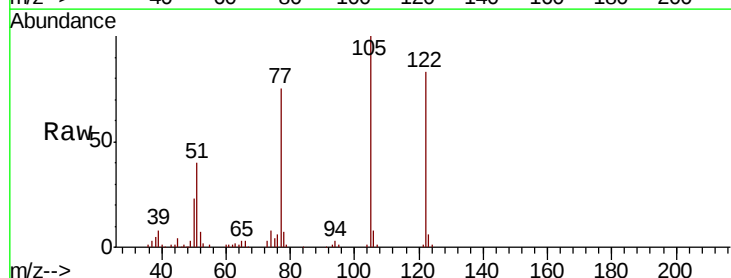


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

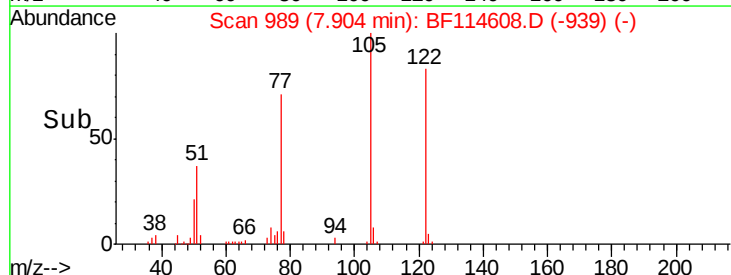
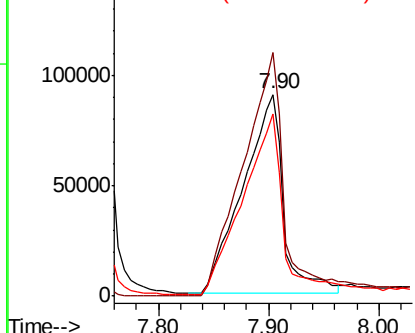


#32  
Benzoic acid  
Concen: 38.941 ng  
RT: 7.90 min Scan# 989  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Tgt Ion:122 Resp: 229345  
Ion Ratio Lower Upper  
122 100  
105 120.6 99.9 139.9  
77 90.5 69.4 109.4



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

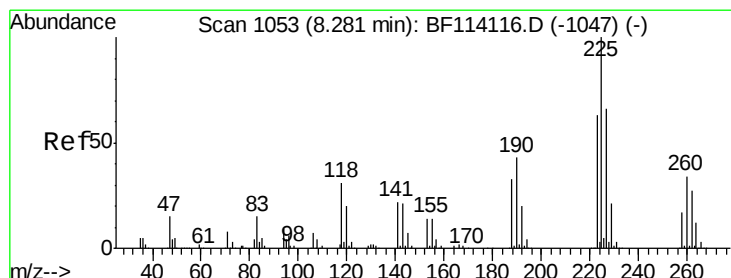
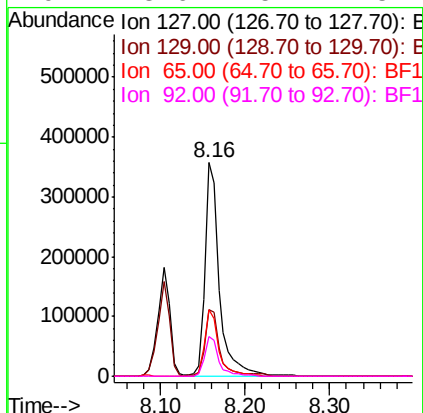
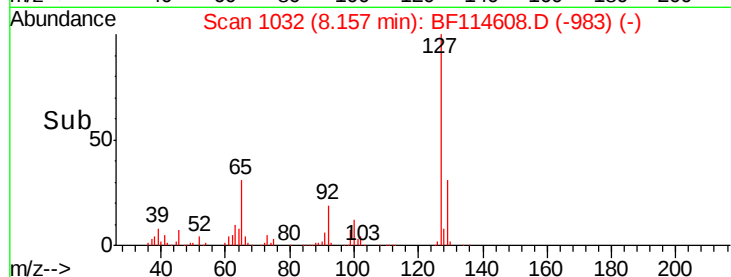
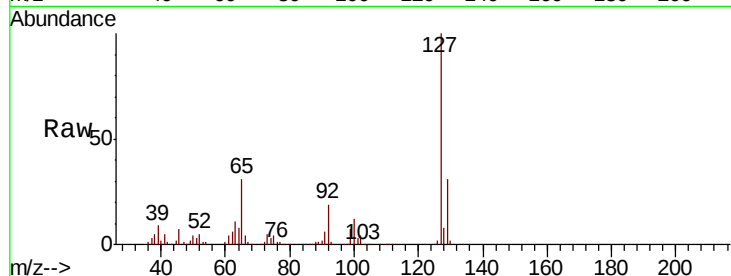




#33  
4-Chloroaniline  
Concen: 31.773 ng  
RT: 8.16 min Scan# 1032  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

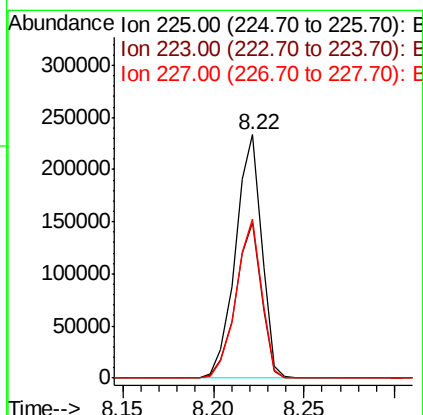
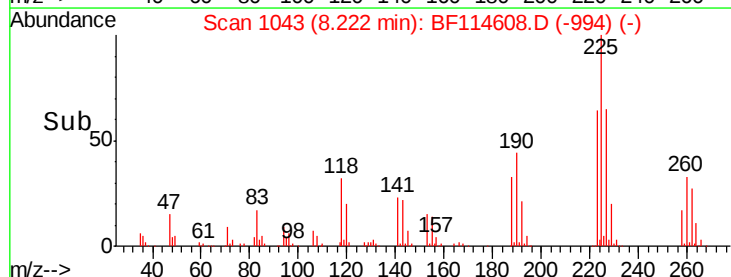
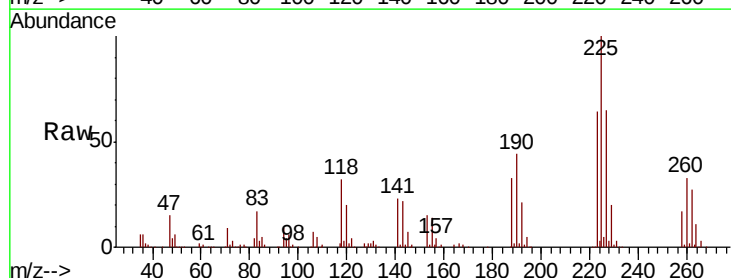
Instrument :  
BNA\_F  
ClientSampleId :  
PB119859BS

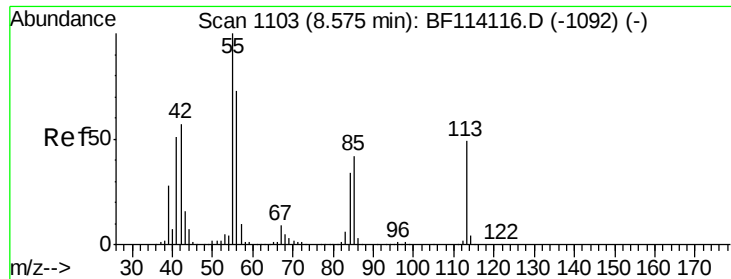
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 420721 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.3  | 26.7  | 40.1   |
| 65       | 31.1  | 25.4  | 38.0   |
| 92       | 18.6  | 15.4  | 23.2   |



#34  
Hexachlorobutadiene  
Concen: 42.253 ng  
RT: 8.22 min Scan# 1043  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 234186 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 50.2  | 75.2   |
| 227      | 65.2  | 52.6  | 79.0   |

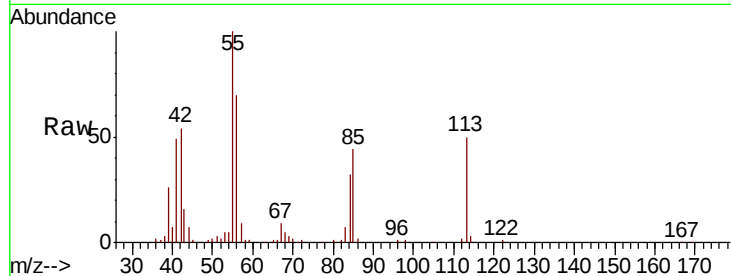




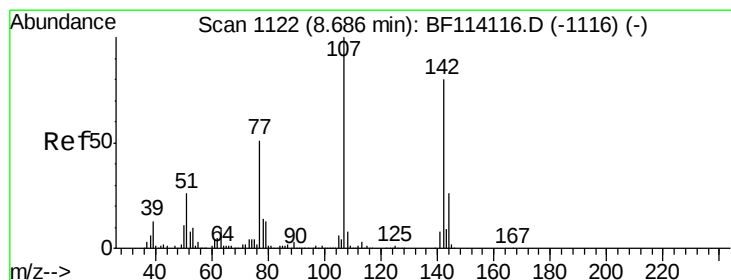
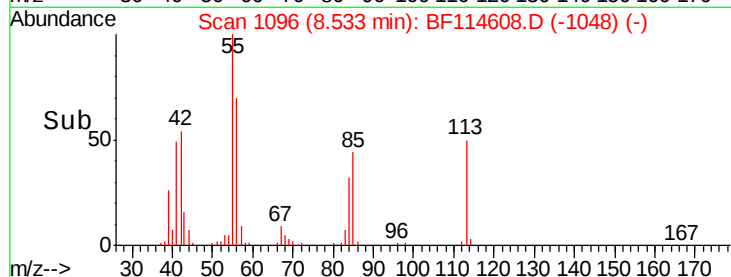
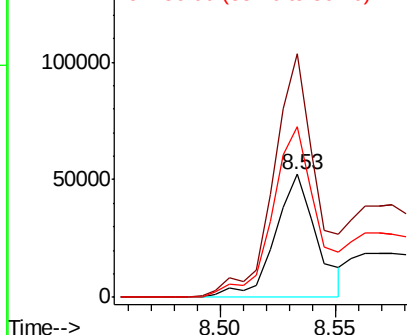
#35  
 Caprolactam  
 Concen: 23.431 ng  
 RT: 8.53 min Scan# 1096  
 Delta R.T. -0.02 min  
 Lab File: BF114608.D  
 Acq: 25 May 2019 17:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119859BS

Tot Ion:113 Resp: 65447  
 Ion Ratio Lower Upper  
 113 100  
 55 198.5 183.5 223.5  
 56 139.2 128.8 168.8

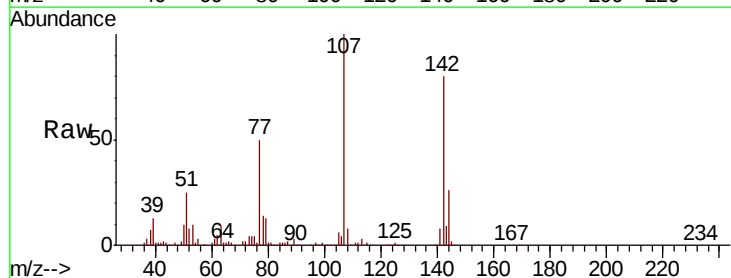


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

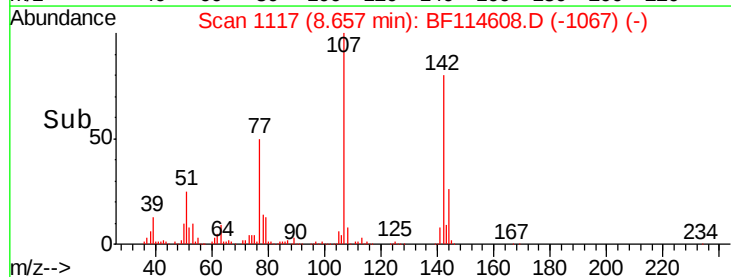
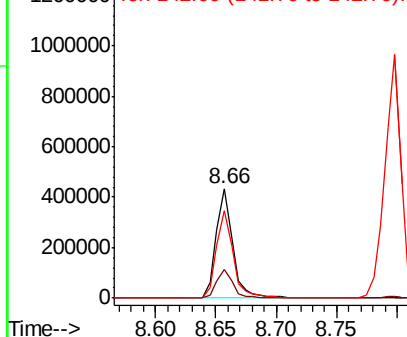


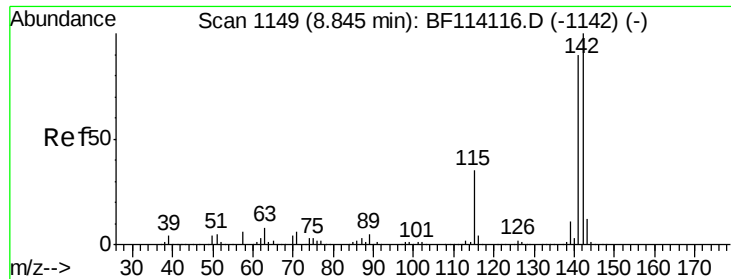
#36  
 4-Chloro-3-methylphenol  
 Concen: 47.880 ng  
 RT: 8.66 min Scan# 1117  
 Delta R.T. -0.01 min  
 Lab File: BF114608.D  
 Acq: 25 May 2019 17:12

Tgt Ion:107 Resp: 412850  
 Ion Ratio Lower Upper  
 107 100  
 144 25.8 20.4 30.6  
 142 79.8 64.2 96.4



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

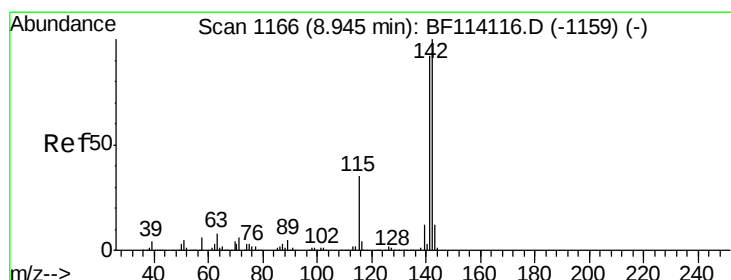
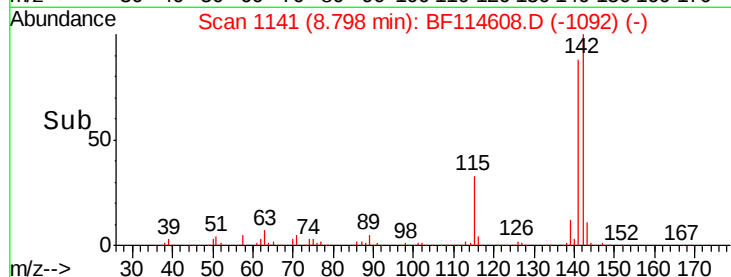
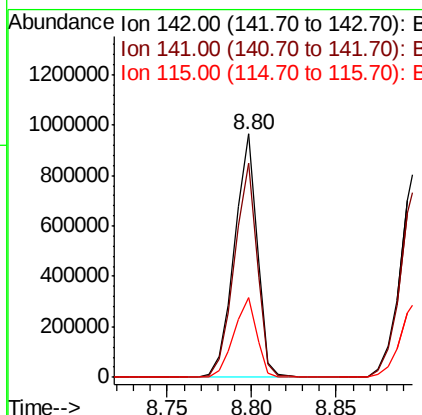
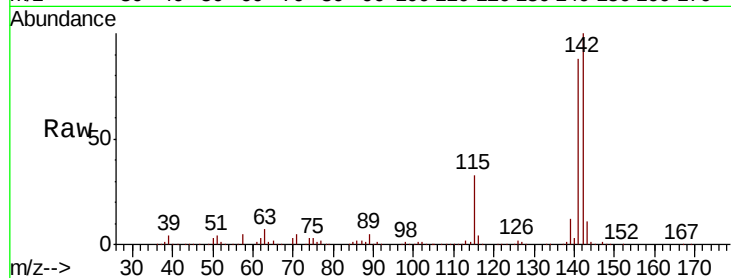




#37  
2-Methylnaphthalene  
Concen: 48.053 ng  
RT: 8.80 min Scan# 1141  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

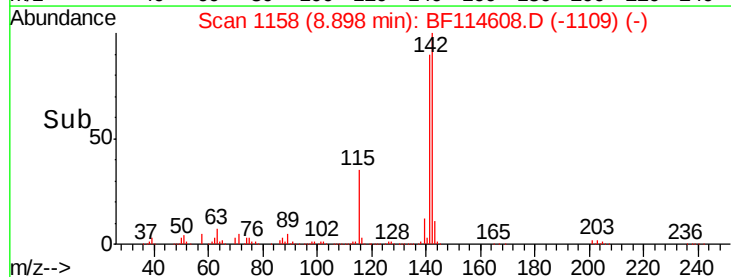
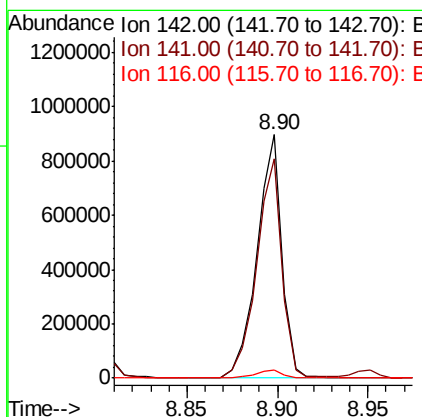
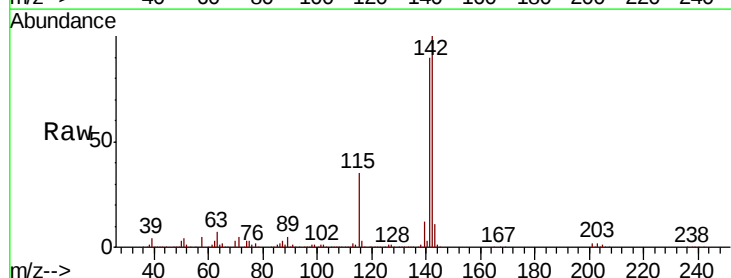
Instrument :  
BNA\_F  
ClientSampleId :  
PB119859BS

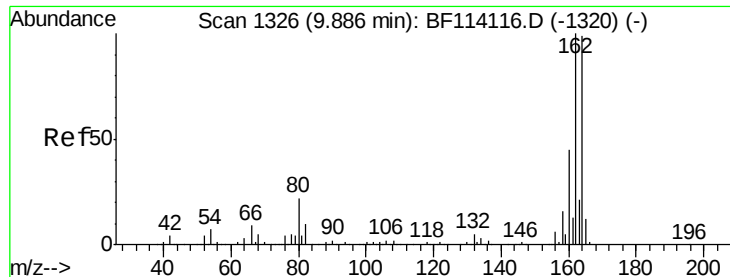
Tot Ion:142 Resp: 900882  
Ion Ratio Lower Upper  
142 100  
141 88.1 72.1 108.1  
115 32.8 28.0 42.0



#38  
1-Methylnaphthalene  
Concen: 48.158 ng  
RT: 8.90 min Scan# 1158  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Tgt Ion:142 Resp: 850242  
Ion Ratio Lower Upper  
142 100  
141 90.1 73.4 110.0  
116 3.5 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

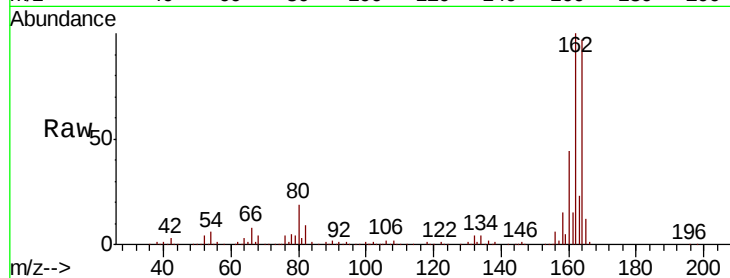
Tot Ion:164 Resp: 302890

Ion Ratio Lower Upper

164 100

162 103.5 80.6 120.8

160 45.7 36.5 54.7

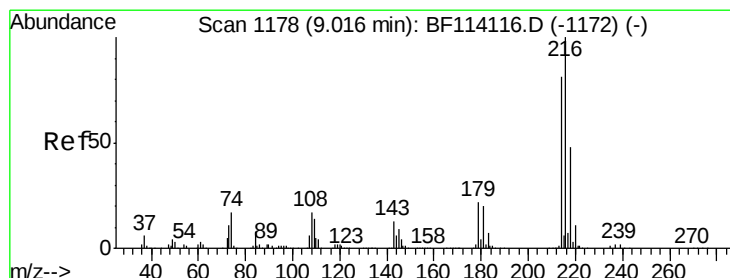
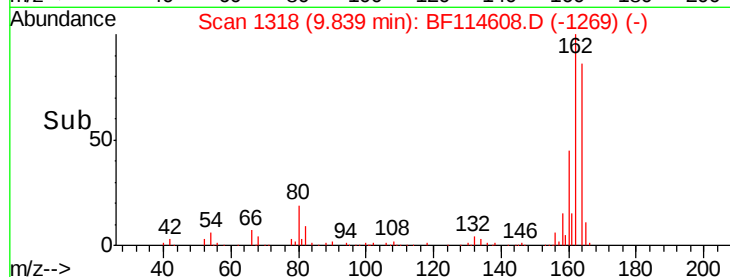
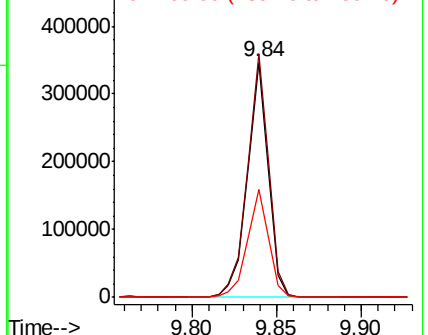


Abundance

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: 45.078 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Tgt Ion:216 Resp: 413602

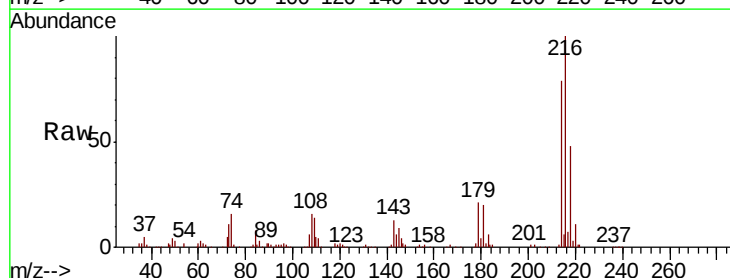
Ion Ratio Lower Upper

216 100

214 79.2 63.9 95.9

179 20.9 17.0 25.6

108 18.5 14.8 22.2



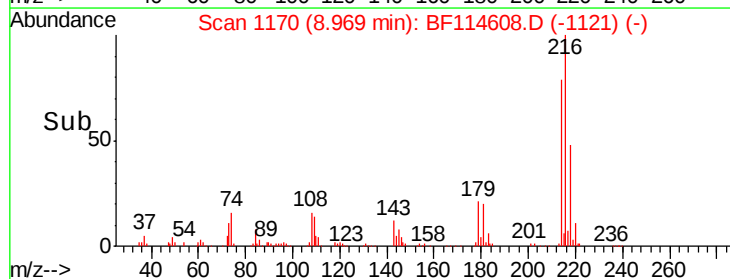
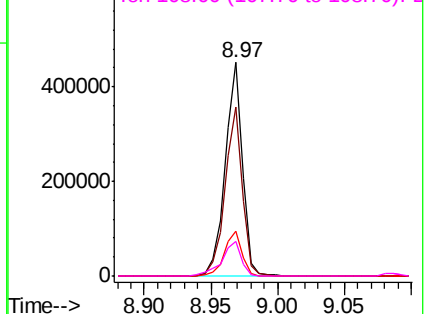
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 48.987 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

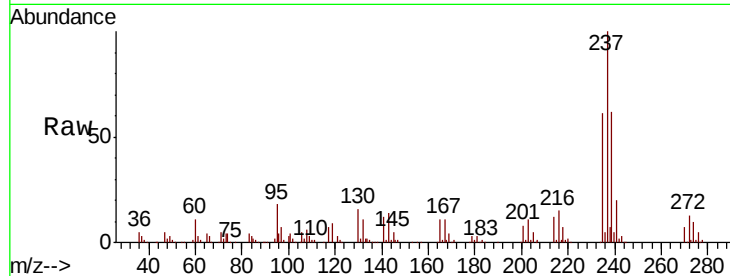
Tot Ion:237 Resp: 201825

Ion Ratio Lower Upper

237 100

235 60.6 42.0 82.0

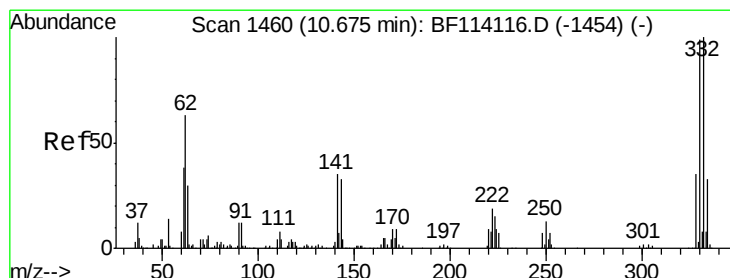
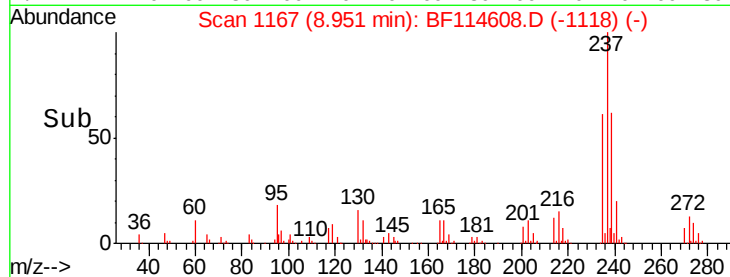
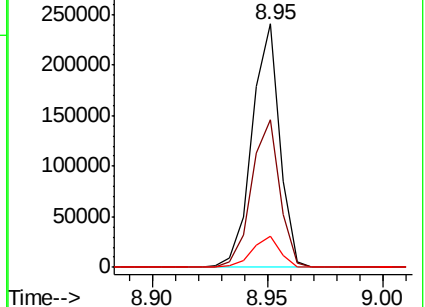
272 13.0 0.0 32.4



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: 128.802 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

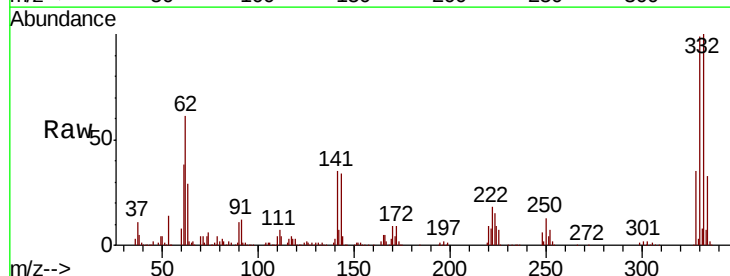
Tgt Ion:330 Resp: 403327

Ion Ratio Lower Upper

330 100

332 104.3 81.4 122.2

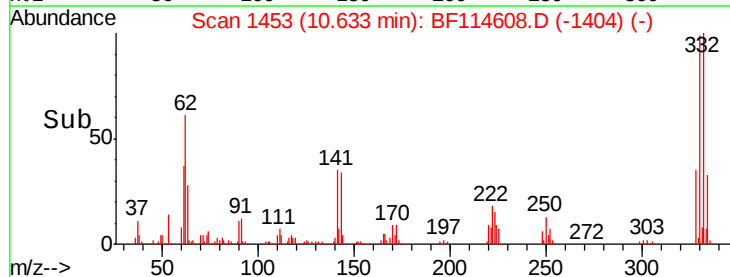
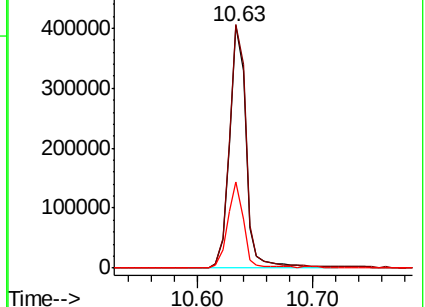
141 33.9 26.6 40.0

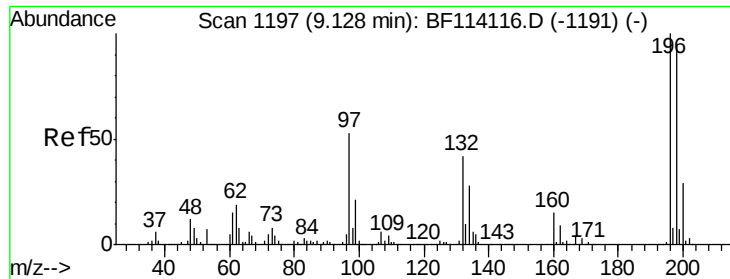


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

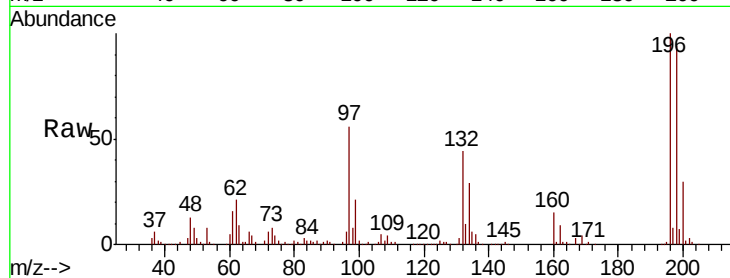




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.382 ng  
 RT: 9.09 min Scan# 1190  
 Delta R.T. -0.01 min  
 Lab File: BF114608.D  
 Acq: 25 May 2019 17:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119859BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.8  | 75.9  | 113.9 |
| 200     | 30.3  | 23.5  | 35.3  |

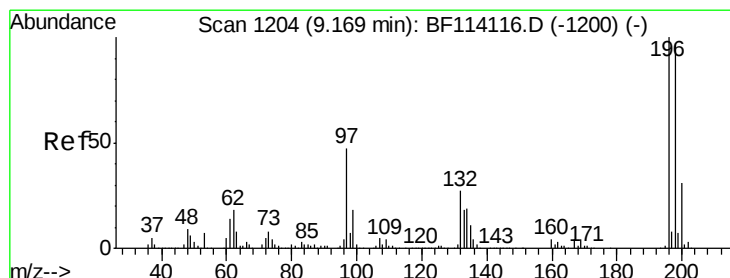
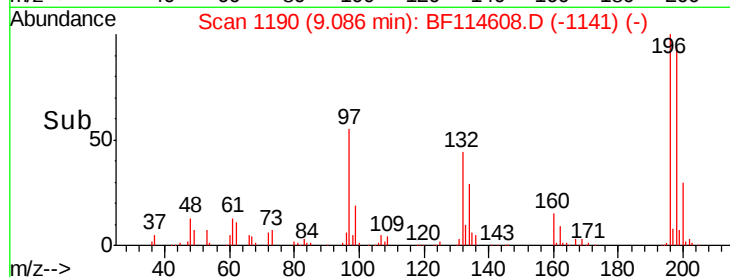
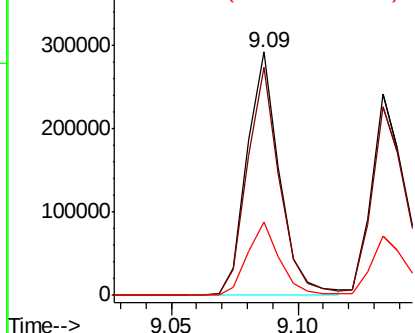


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 41.010 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. -0.01 min  
 Lab File: BF114608.D  
 Acq: 25 May 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.7  | 77.7  | 116.5 |
| 97      | 51.0  | 38.2  | 57.2  |
| 132     | 28.9  | 21.4  | 32.2  |

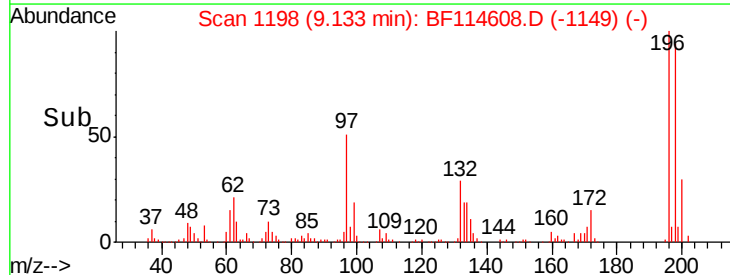
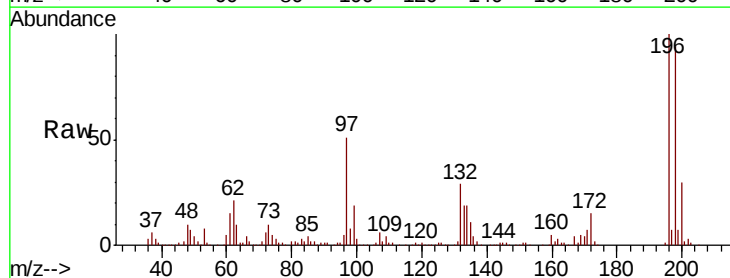
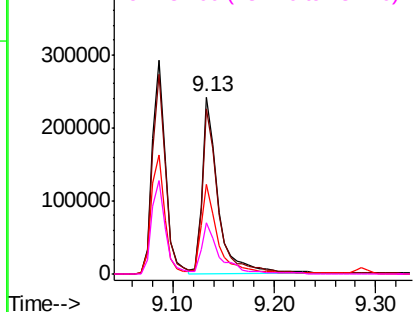
Abundance

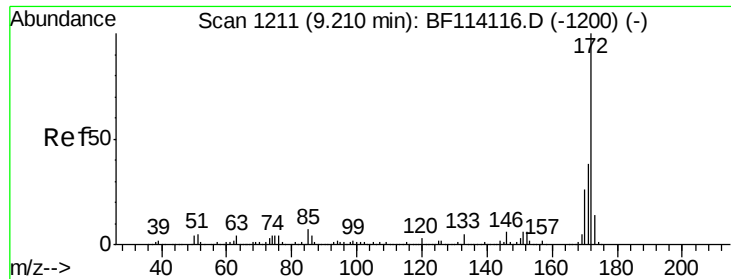
Ion 196.00 (195.70 to 196.70): E

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

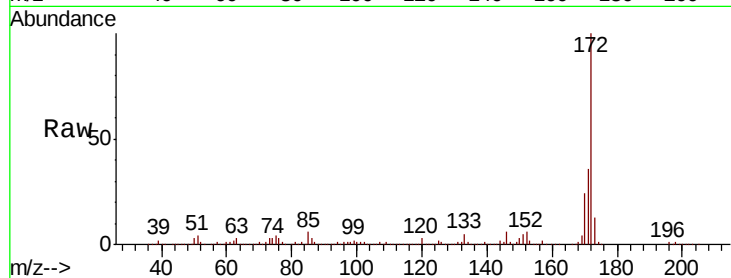




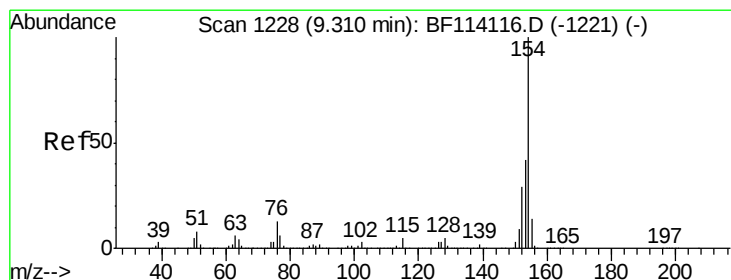
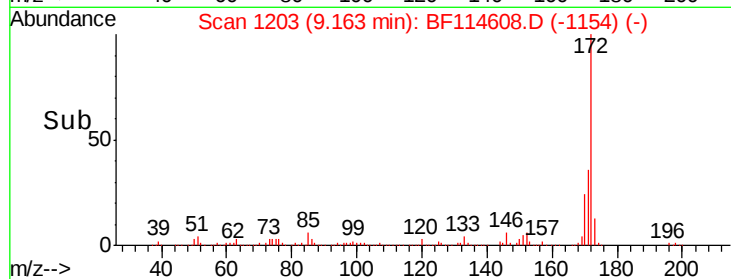
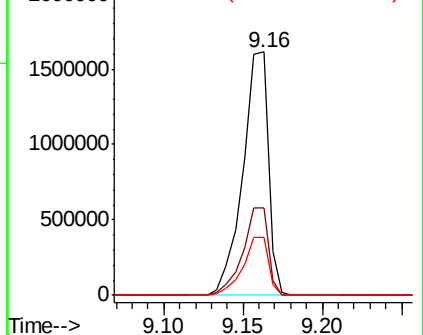
#45  
2-Fluorobiphenyl  
Concen: 90.231 ng  
RT: 9.16 min Scan# 1203  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Instrument :  
BNA\_F  
ClientSampleId :  
PB119859BS

Tot Ion:172 Resp: 1806742  
Ion Ratio Lower Upper  
172 100  
171 35.7 30.7 46.1  
170 23.8 20.5 30.7

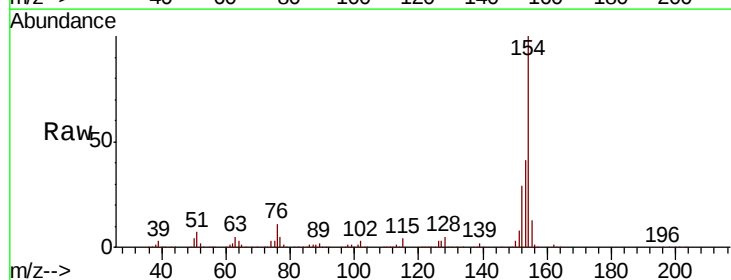


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

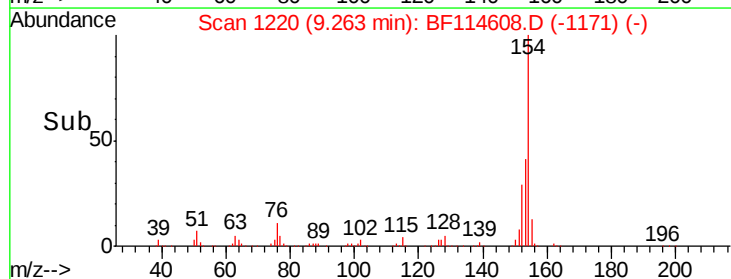
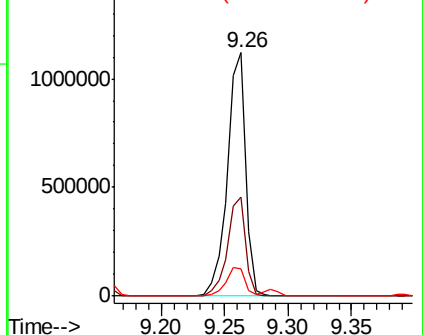


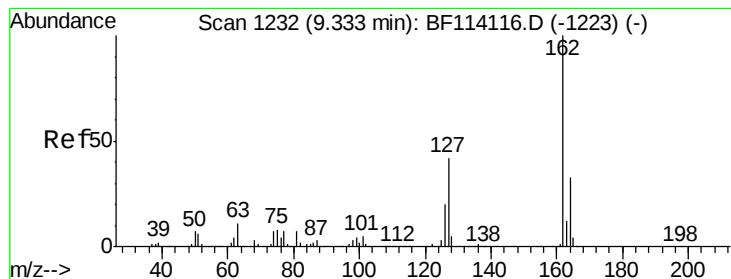
#46  
1,1'-Biphenyl  
Concen: 45.431 ng  
RT: 9.26 min Scan# 1220  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Tgt Ion:154 Resp: 1111671  
Ion Ratio Lower Upper  
154 100  
153 40.6 21.9 61.9  
76 11.2 0.0 32.8



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: 42.886 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

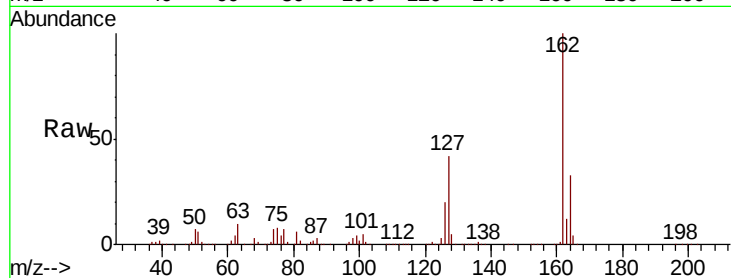
Tot Ion:162 Resp: 844541

Ion Ratio Lower Upper

162 100

127 41.9 34.0 51.0

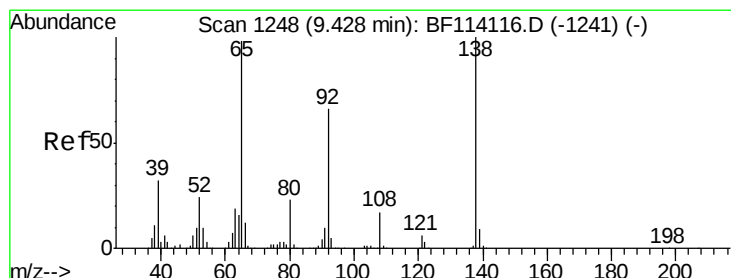
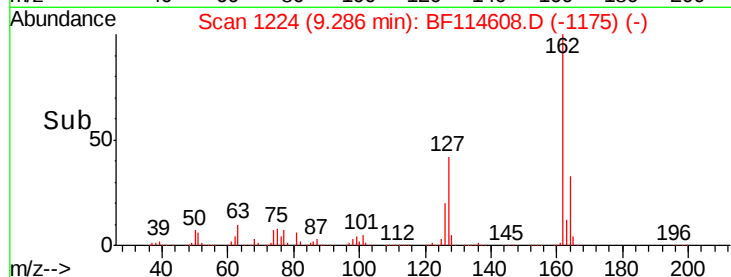
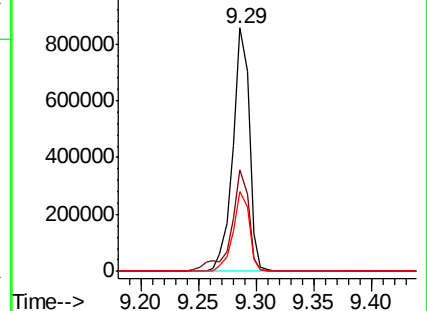
164 32.8 26.7 40.1



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: 40.468 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

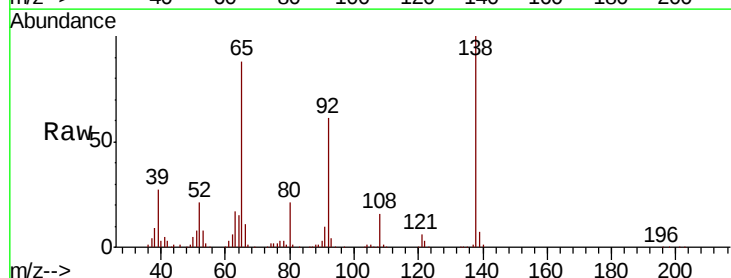
Tgt Ion: 65 Resp: 282626

Ion Ratio Lower Upper

65 100

92 68.9 53.9 80.9

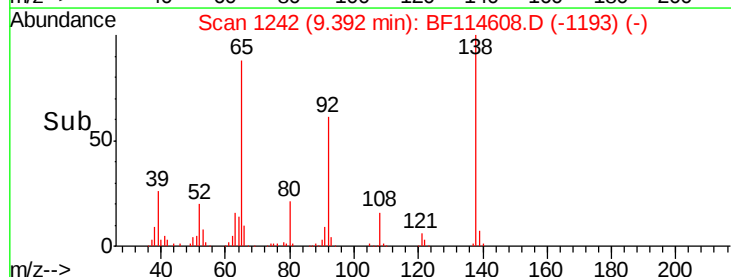
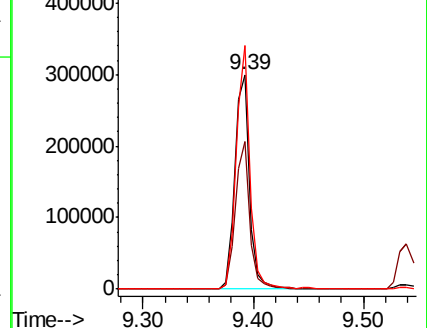
138 113.4 81.4 122.0

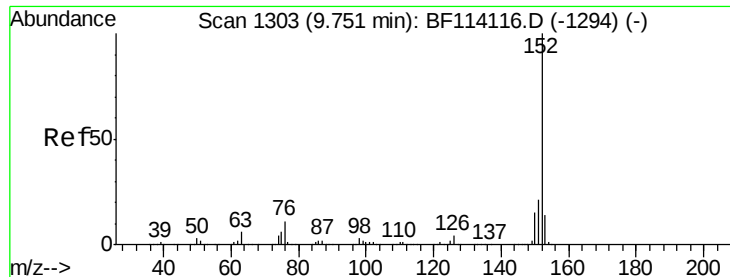


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.468 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

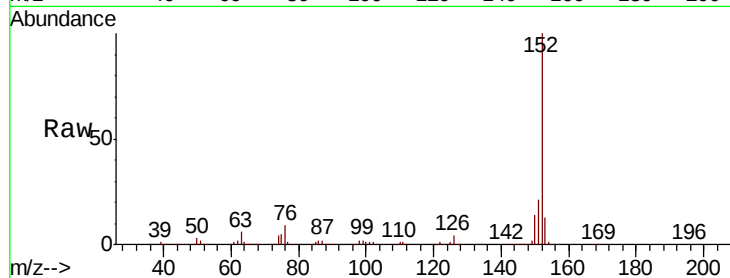
Tot Ion:152 Resp: 1331877

Ion Ratio Lower Upper

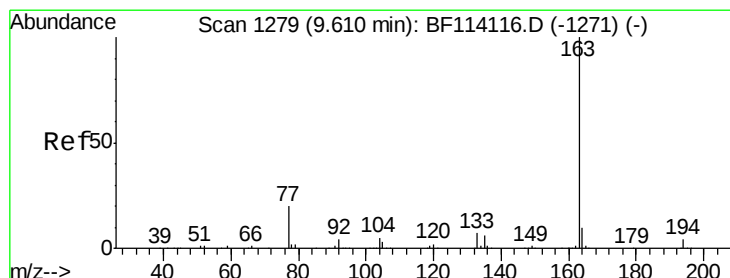
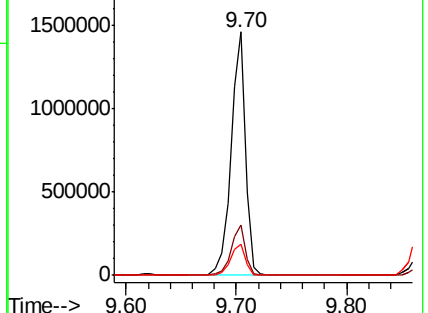
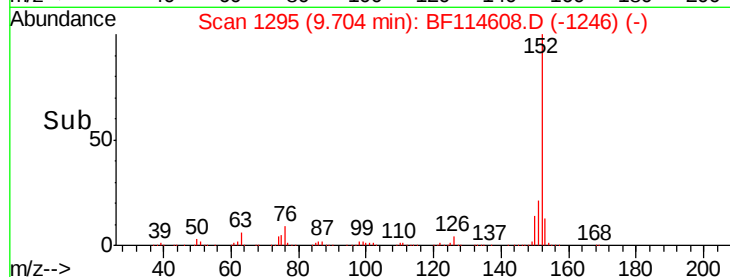
152 100

151 20.5 16.8 25.2

153 13.0 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E  
2000000 Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.815 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

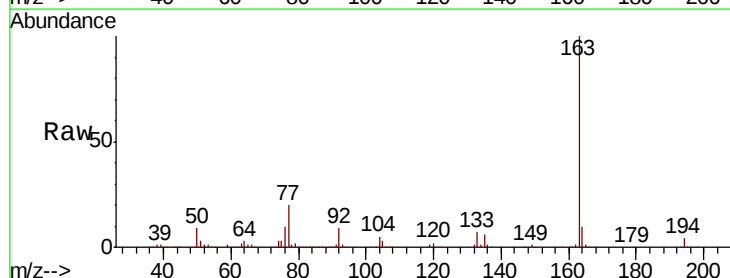
Tgt Ion:163 Resp: 974224

Ion Ratio Lower Upper

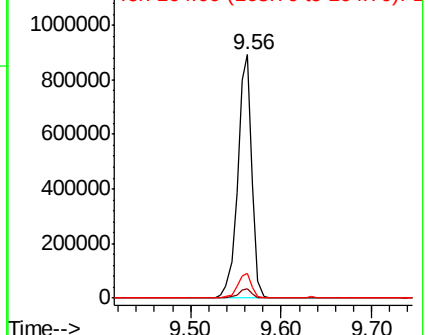
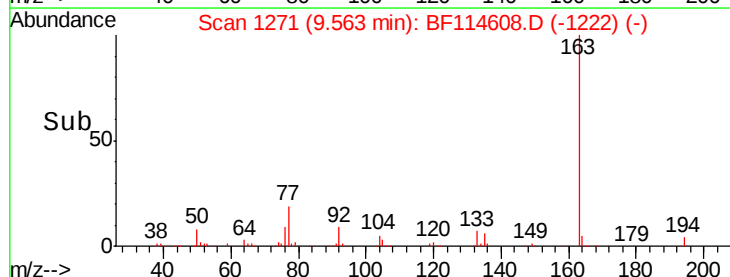
163 100

194 4.1 3.4 5.0

164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E  
1200000 Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

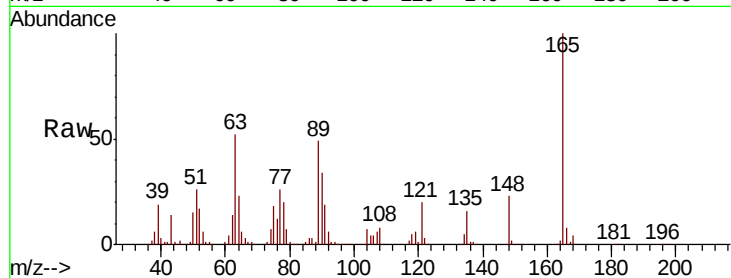




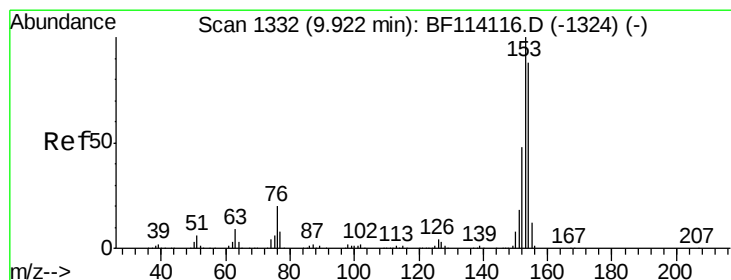
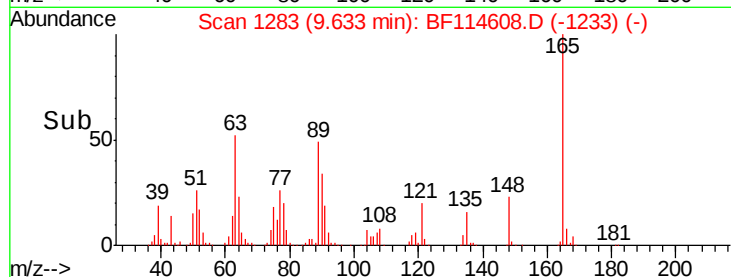
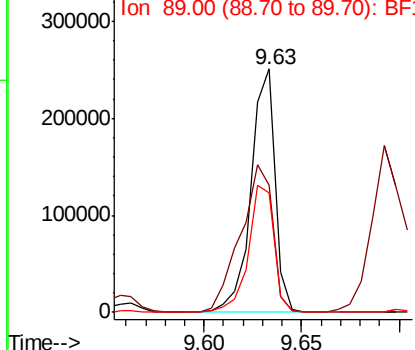
#51  
 2,6-Dinitrotoluene  
 Concen: 43.784 ng  
 RT: 9.63 min Scan# 1283  
 Delta R.T. -0.01 min  
 Lab File: BF114608.D  
 Acq: 25 May 2019 17:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119859BS

Tot Ion:165 Resp: 215930  
 Ion Ratio Lower Upper  
 165 100  
 63 52.0 50.2 75.4  
 89 49.3 46.6 69.8

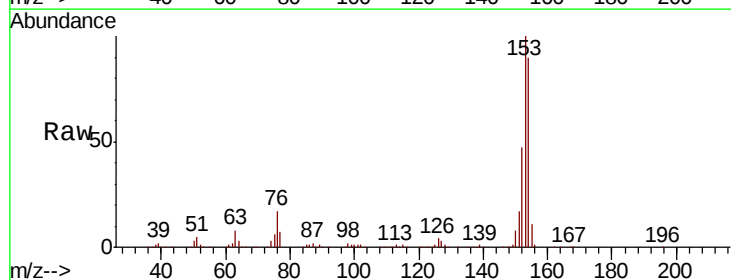


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

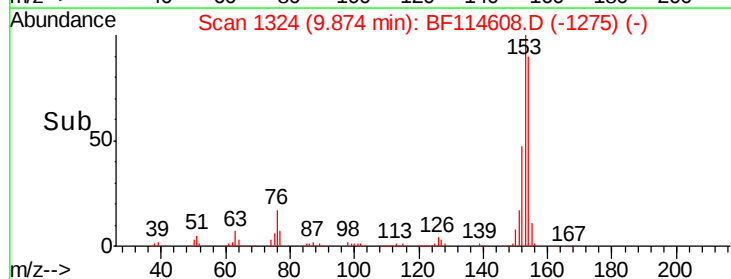
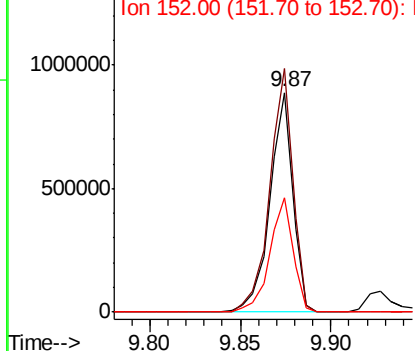


#52  
 Acenaphthene  
 Concen: 42.643 ng  
 RT: 9.87 min Scan# 1324  
 Delta R.T. -0.01 min  
 Lab File: BF114608.D  
 Acq: 25 May 2019 17:12

Tgt Ion:154 Resp: 783762  
 Ion Ratio Lower Upper  
 154 100  
 153 110.9 90.5 135.7  
 152 52.3 43.4 65.2



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

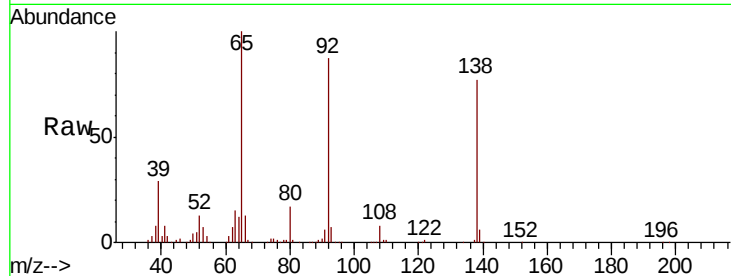




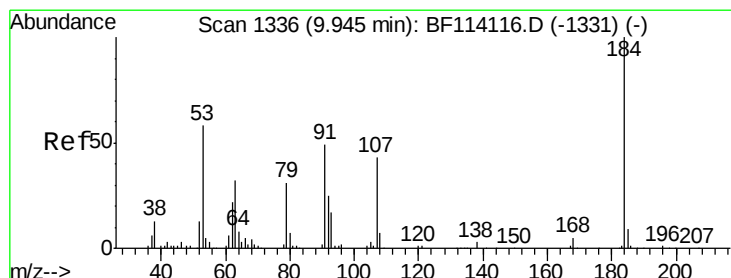
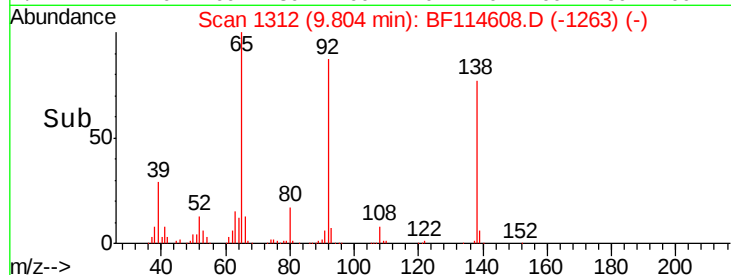
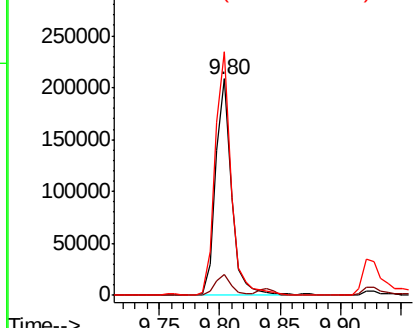
#53  
3-Nitroaniline  
Concen: 30.817 ng  
RT: 9.80 min Scan# 1312  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Instrument :  
BNA\_F  
ClientSampleId :  
PB119859BS

Tot Ion:138 Resp: 188658  
Ion Ratio Lower Upper  
138 100  
108 9.8 7.8 11.6  
92 112.5 91.2 136.8

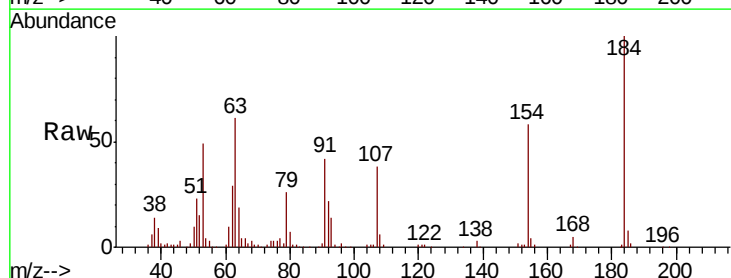


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

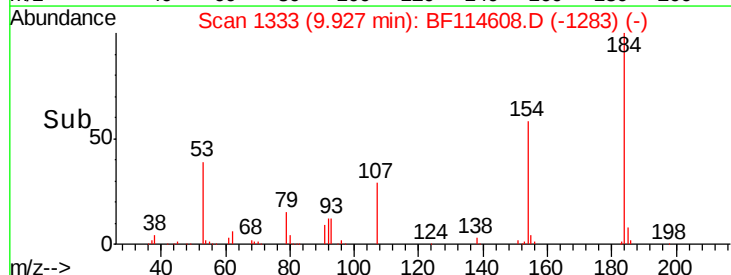
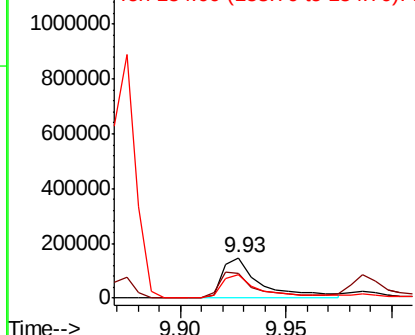


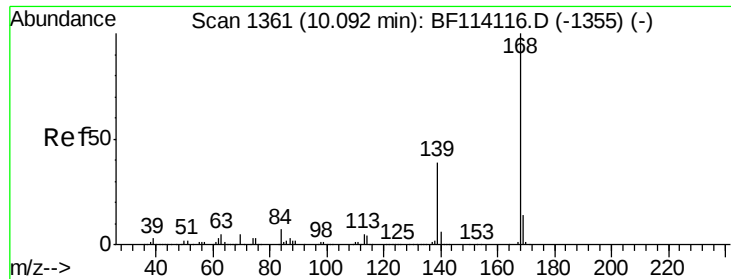
#54  
2,4-Dinitrophenol  
Concen: 75.189 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Tgt Ion:184 Resp: 185357  
Ion Ratio Lower Upper  
184 100  
63 60.6 55.6 83.4  
154 57.8 46.0 69.0



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

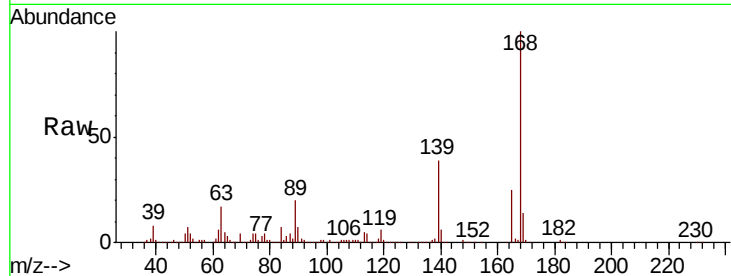




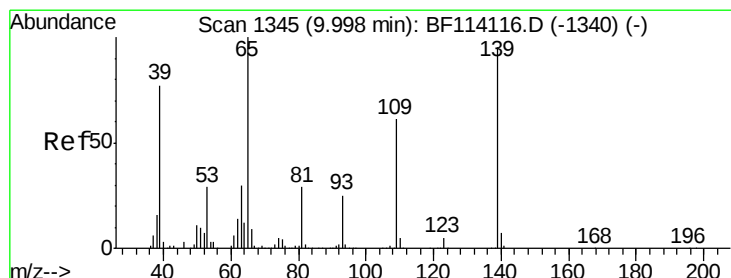
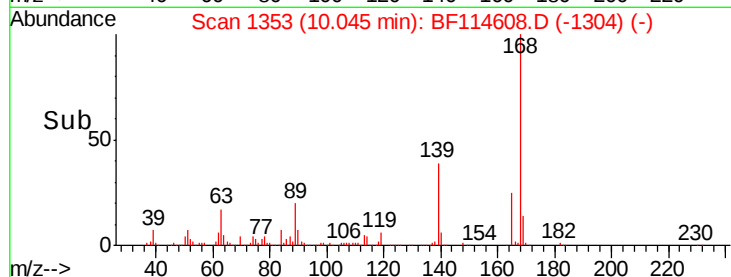
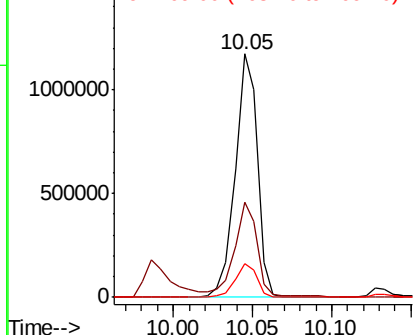
#55  
Dibenzofuran  
Concen: 41.900 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Instrument :  
BNA\_F  
ClientSampleId :  
PB119859BS

Tot Ion:168 Resp: 1129250  
Ion Ratio Lower Upper  
168 100  
139 39.1 31.1 46.7  
169 14.0 11.4 17.0

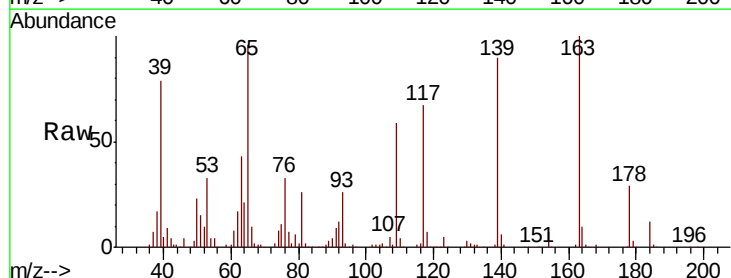


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

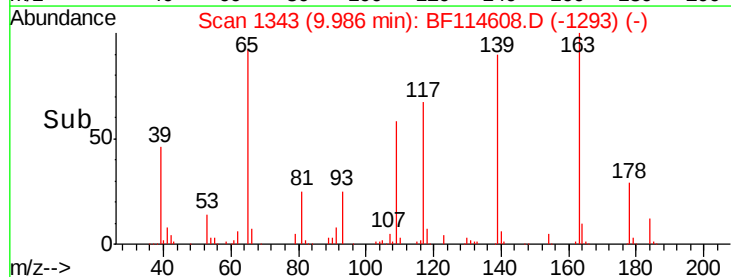
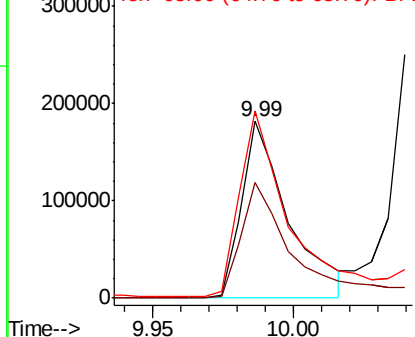


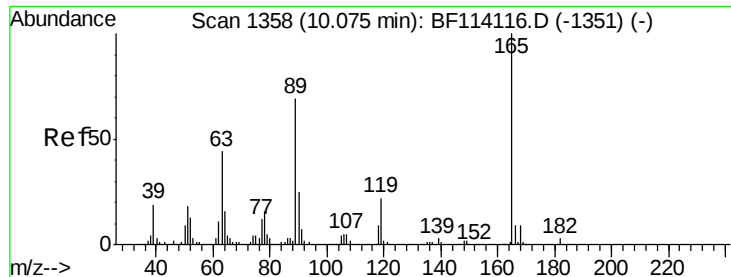
#56  
4-Nitrophenol  
Concen: 48.367 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Tgt Ion:139 Resp: 209399  
Ion Ratio Lower Upper  
139 100  
109 65.5 43.9 83.9  
65 106.2 85.7 125.7



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

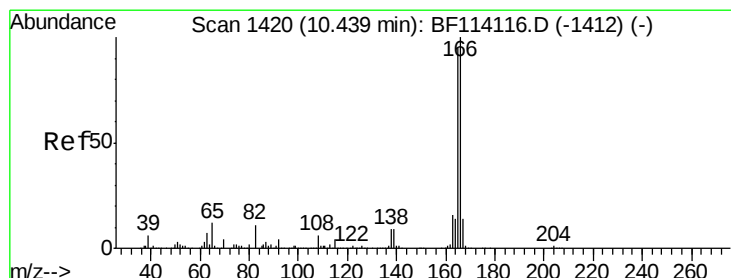
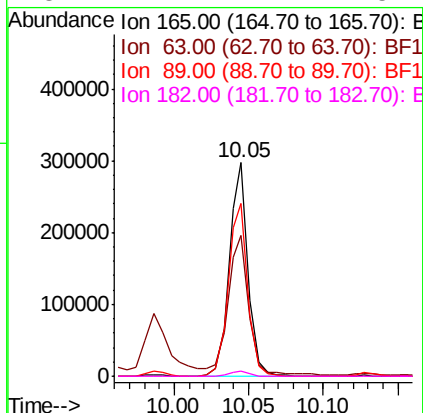
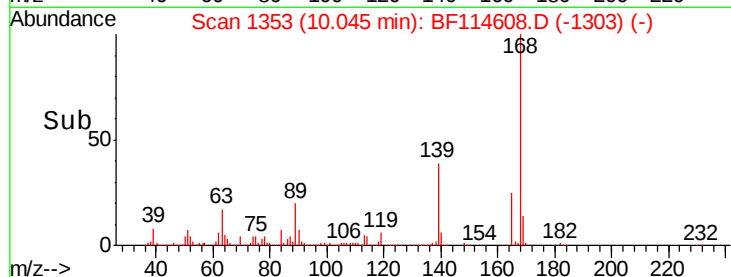
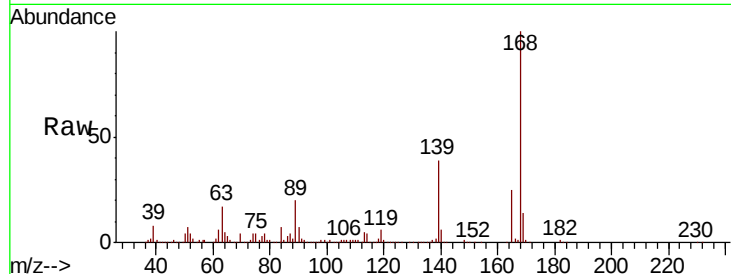




#57  
 2,4-Dinitrotoluene  
 Concen: 39.174 ng  
 RT: 10.05 min Scan# 1353  
 Delta R.T. -0.01 min  
 Lab File: BF114608.D  
 Acq: 25 May 2019 17:12

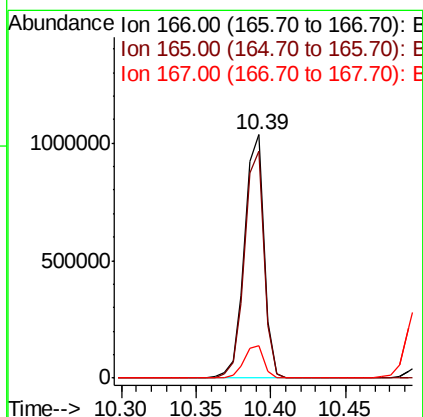
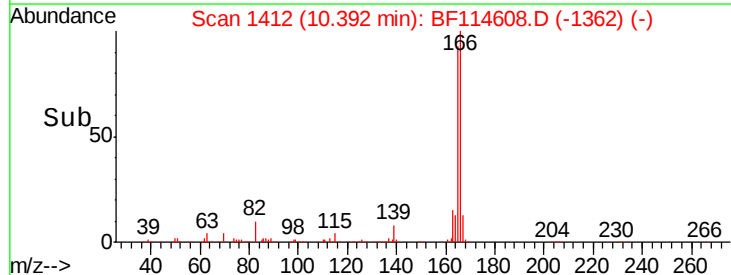
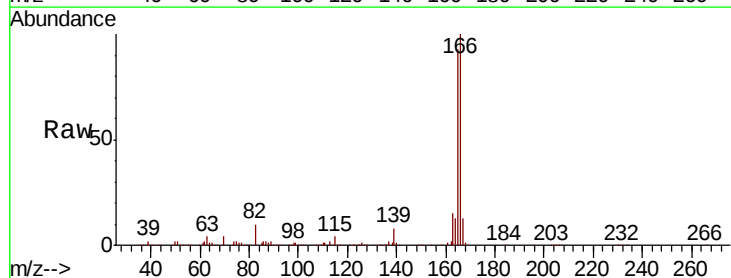
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119859BS

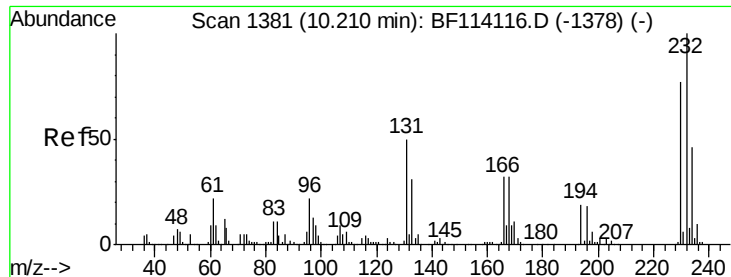
Tot Ion:165 Resp: 262223  
 Ion Ratio Lower Upper  
 165 100  
 63 65.8 35.5 53.3#  
 89 80.8 55.2 82.8  
 182 2.7 2.2 3.2



#58  
 Fluorene  
 Concen: 45.340 ng  
 RT: 10.39 min Scan# 1412  
 Delta R.T. -0.01 min  
 Lab File: BF114608.D  
 Acq: 25 May 2019 17:12

Tgt Ion:166 Resp: 943859  
 Ion Ratio Lower Upper  
 166 100  
 165 93.4 76.1 114.1  
 167 13.2 11.1 16.7

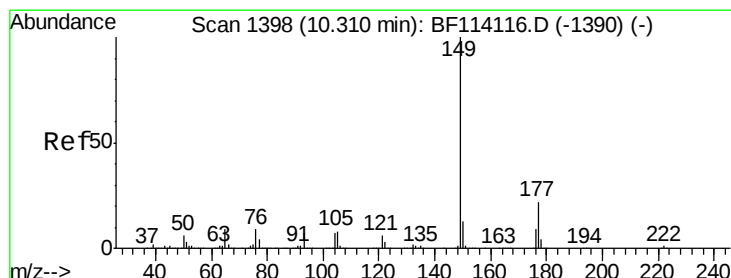
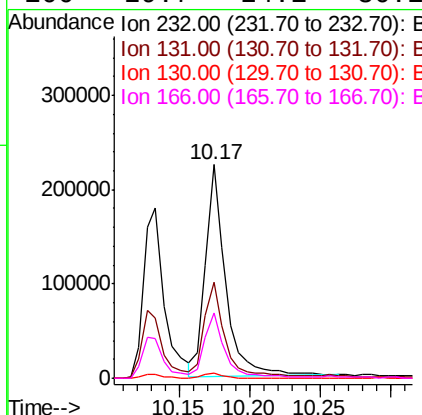
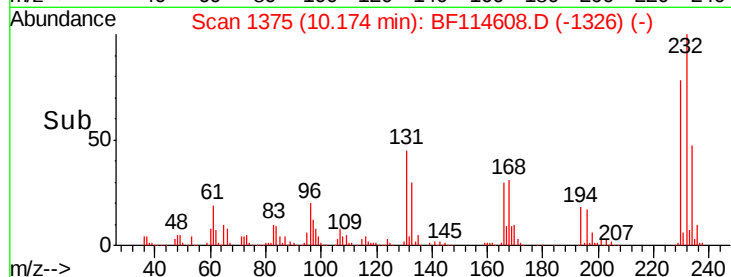
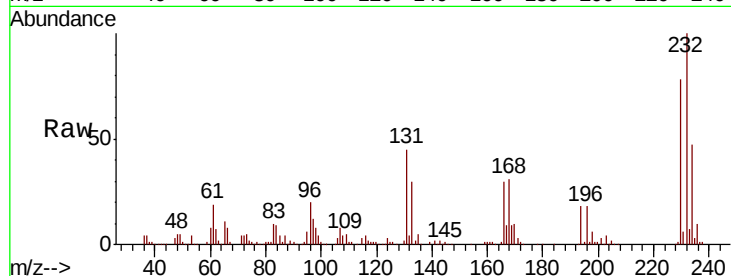




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.358 ng  
RT: 10.17 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

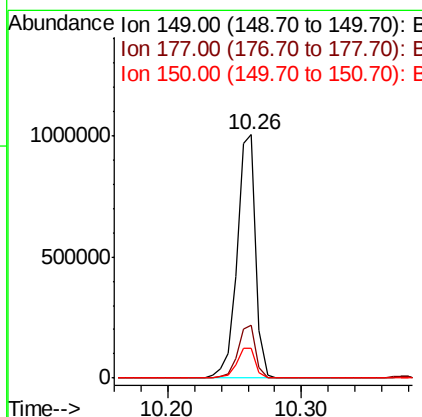
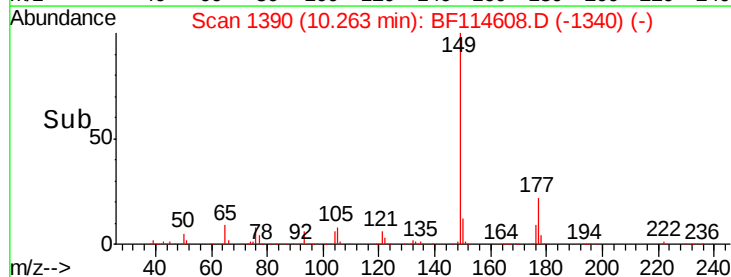
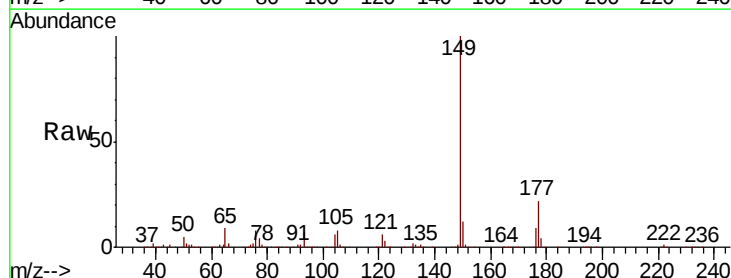
Instrument :  
BNA\_F  
ClientSampleId :  
PB119859BS

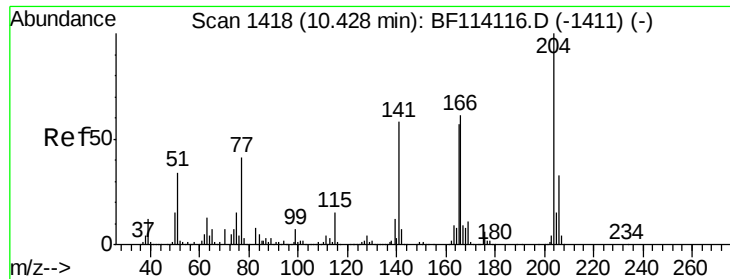
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 46.5  | 35.6  | 53.4  |
| 130     | 2.3   | 1.6   | 2.4   |
| 166     | 29.7  | 24.1  | 36.1  |



#60  
Diethylphthalate  
Concen: 43.128 ng  
RT: 10.26 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.9  | 17.8  | 26.6  |
| 150     | 12.4  | 10.2  | 15.2  |

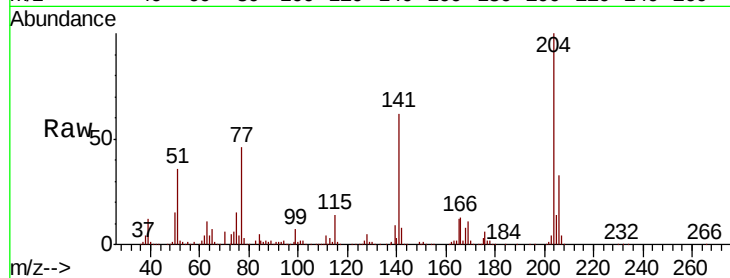




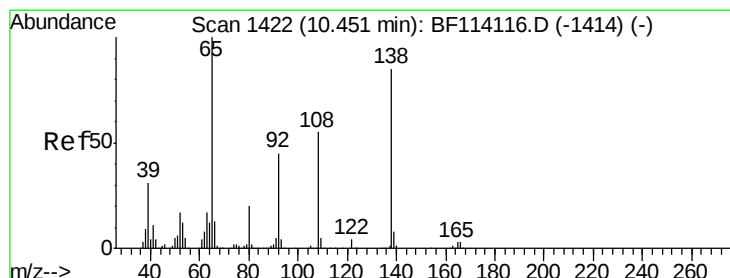
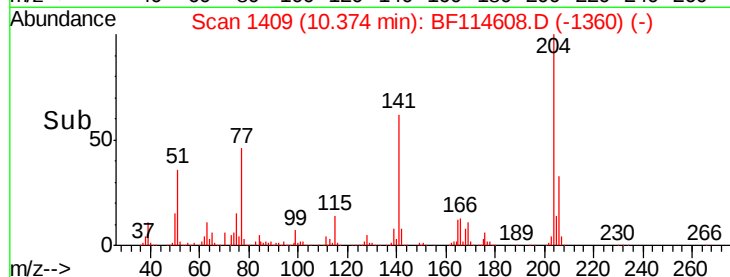
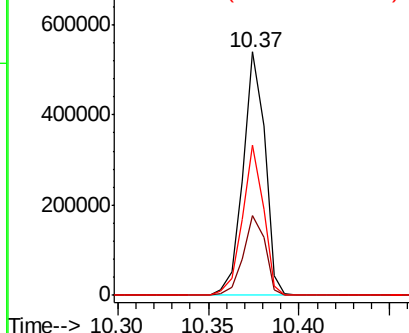
#61  
4-Chlorophenyl-phenylether  
Concen: 44.304 ng  
RT: 10.37 min Scan# 1409  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Instrument :  
BNA\_F  
ClientSampleId :  
PB119859BS

Tot Ion:204 Resp: 452979  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.6 39.8  
141 61.9 46.4 69.6

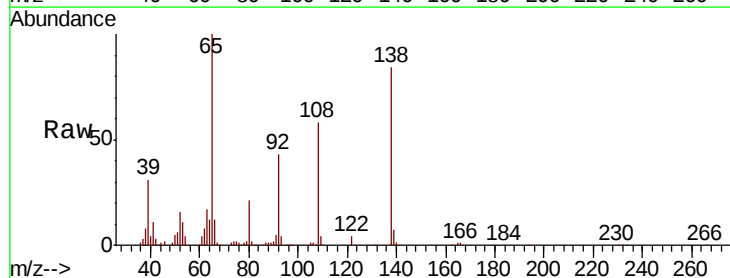


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

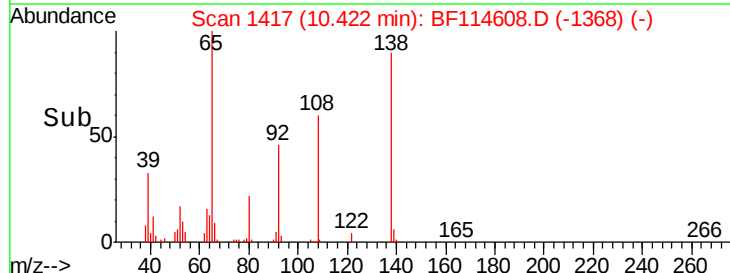
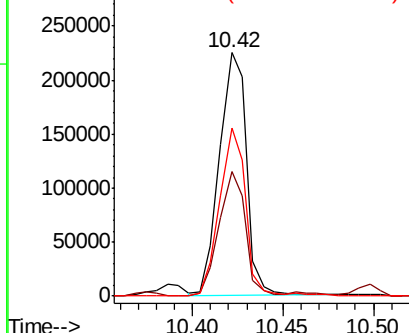


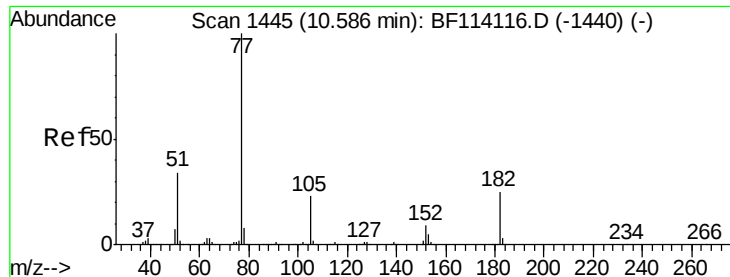
#62  
4-Nitroaniline  
Concen: 36.403 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Tgt Ion:138 Resp: 234183  
Ion Ratio Lower Upper  
138 100  
92 51.0 33.0 73.0  
108 68.8 44.9 84.9



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: 42.506 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

Tot Ion: 77 Resp: 929517

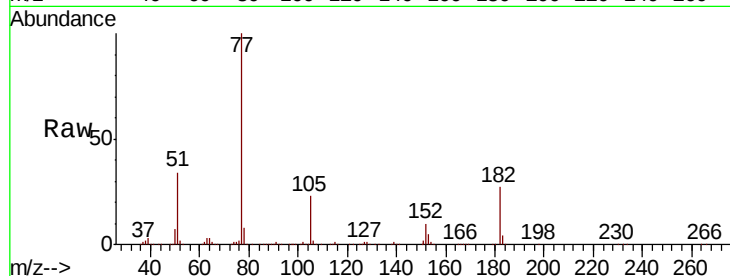
Ion Ratio Lower Upper

77 100

182 26.8 4.7 44.7

105 23.0 2.9 42.9

51 34.0 14.6 54.6

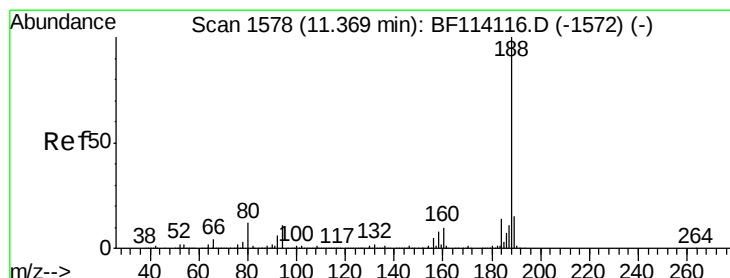
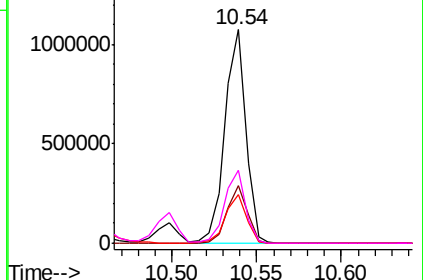
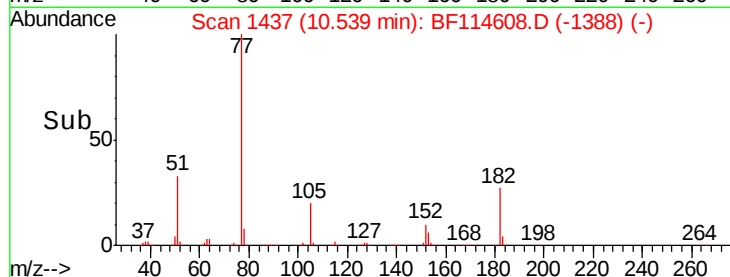


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

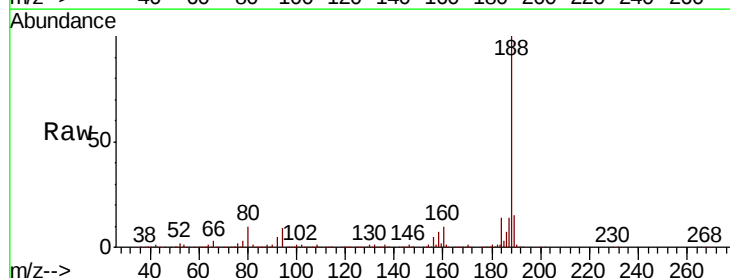
Tgt Ion: 188 Resp: 599705

Ion Ratio Lower Upper

188 100

94 9.1 8.4 12.6

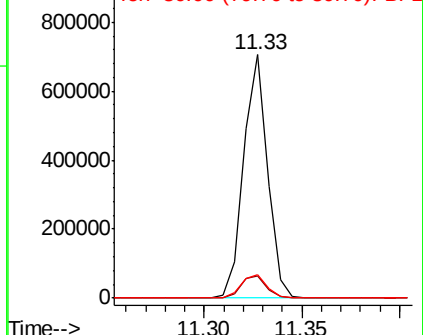
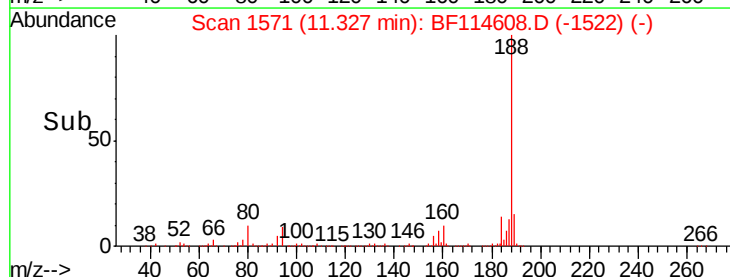
80 9.5 9.2 13.8

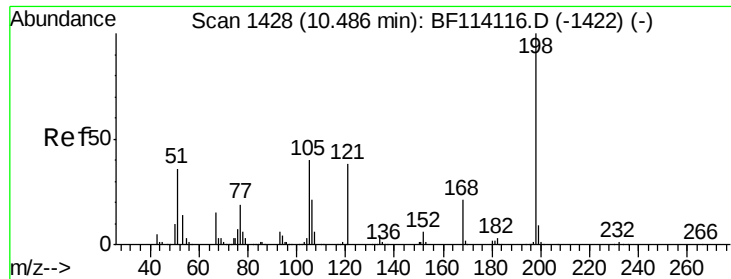


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

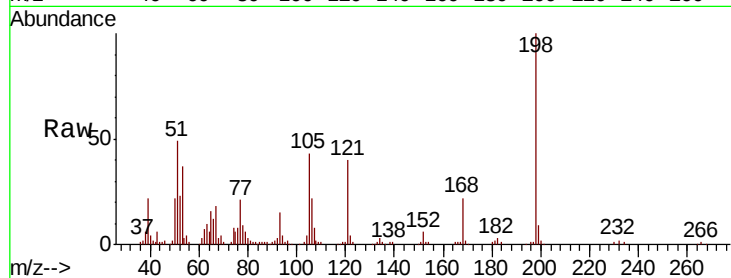




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.374 ng  
RT: 10.46 min Scan# 1424  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Instrument :  
BNA\_F  
ClientSampleId :  
PB119859BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 49.2  | 28.0  | 68.0  |
| 105     | 43.0  | 21.1  | 61.1  |

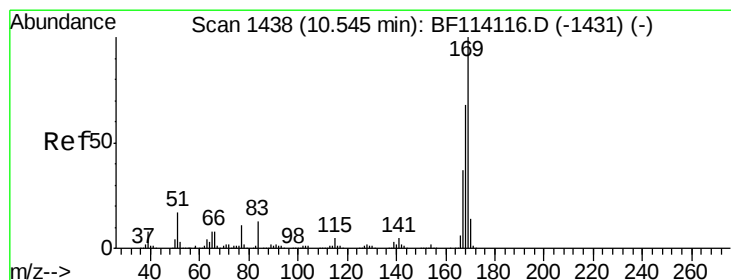
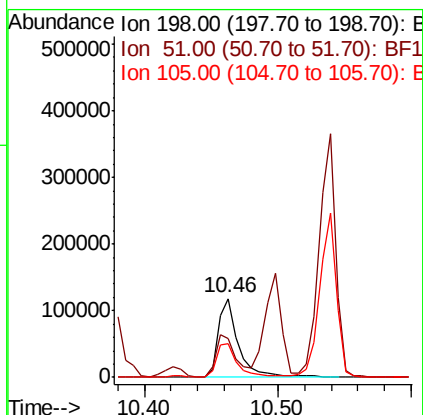
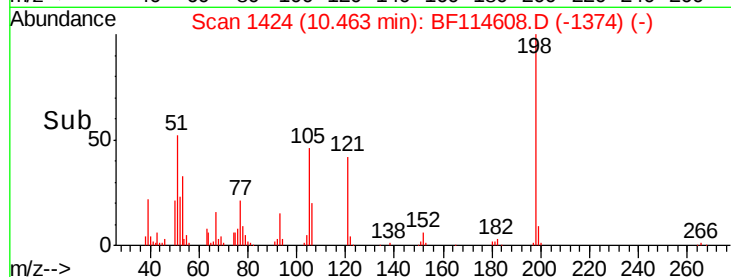


Abundance

Ion 198.00 (197.70 to 198.70): E

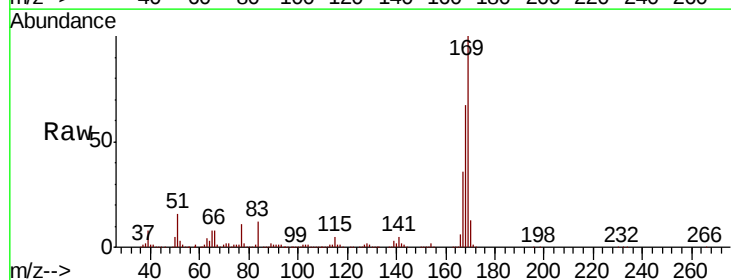
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66  
n-Nitrosodiphenylamine  
Concen: 45.957 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.5  | 54.2  | 81.2  |
| 167     | 36.5  | 29.8  | 44.8  |

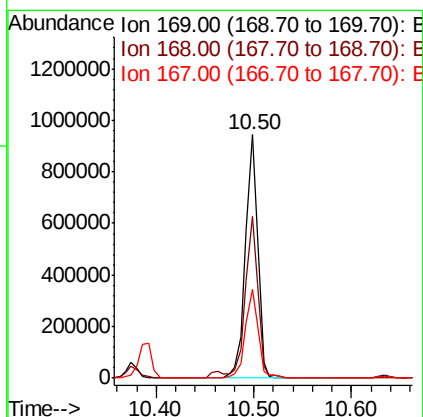
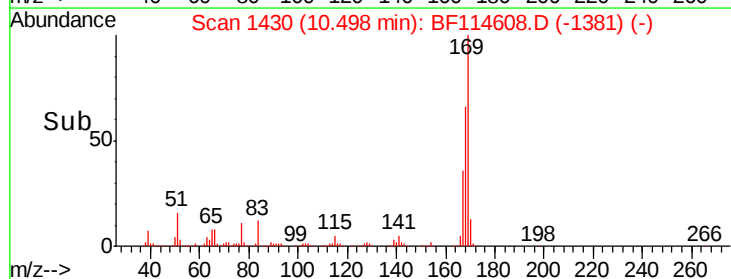


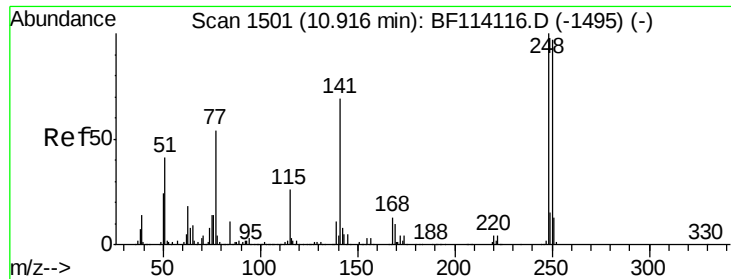
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

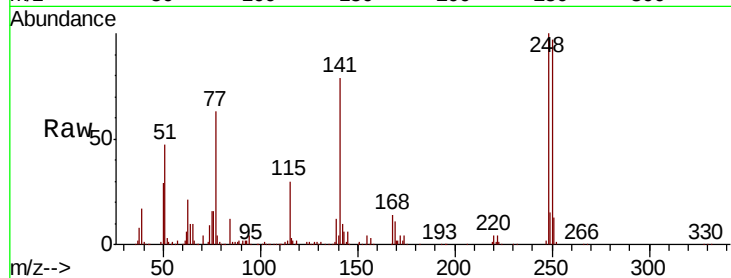




#67  
4-Bromophenyl-phenylether  
Concen: 42.958 ng  
RT: 10.86 min Scan# 1492  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Instrument :  
BNA\_F  
ClientSampleId :  
PB119859BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.3  | 77.4  | 116.2 |
| 141     | 78.5  | 55.6  | 83.4  |

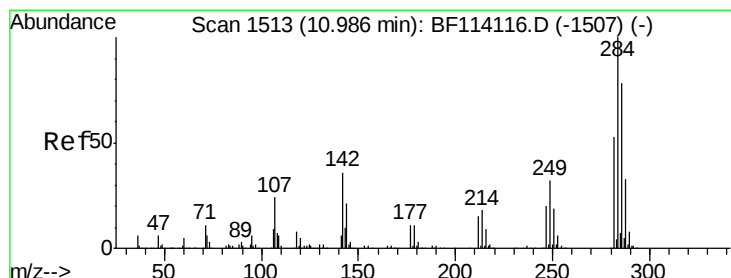
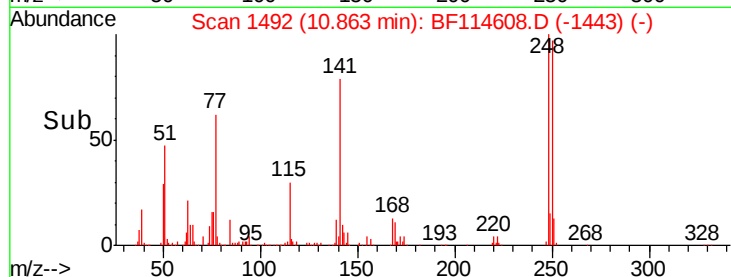
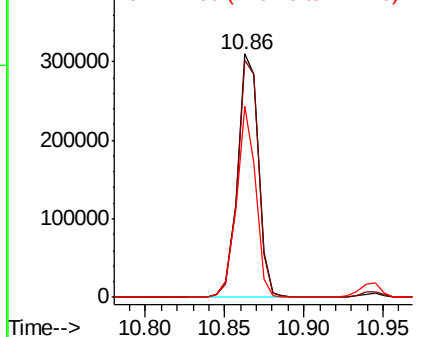


Abundance

Ion 248.00 (247.70 to 248.70): E

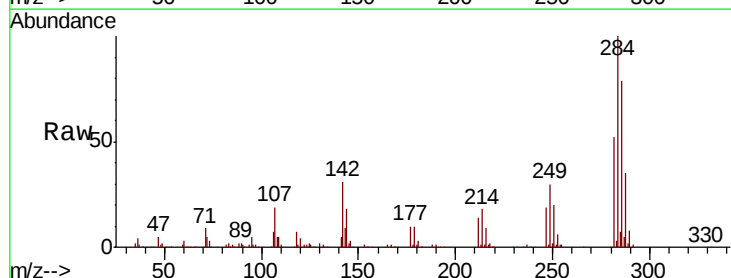
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 41.669 ng  
RT: 10.95 min Scan# 1506  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.2  | 28.4  | 42.6  |
| 249     | 30.2  | 25.2  | 37.8  |

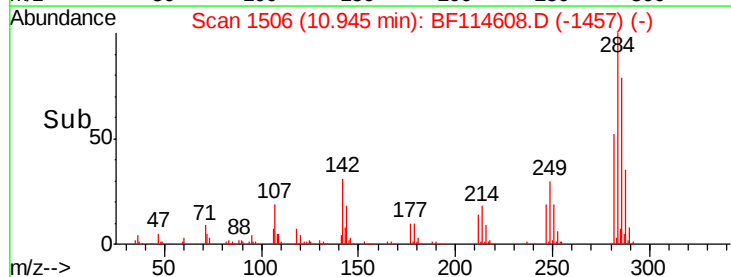
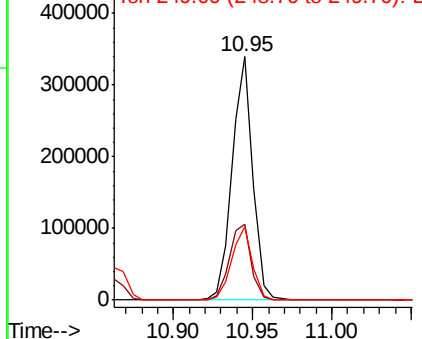


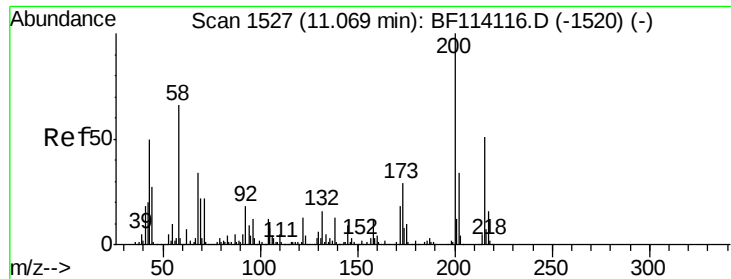
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.016 ng

RT: 11.03 min Scan# 1520

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

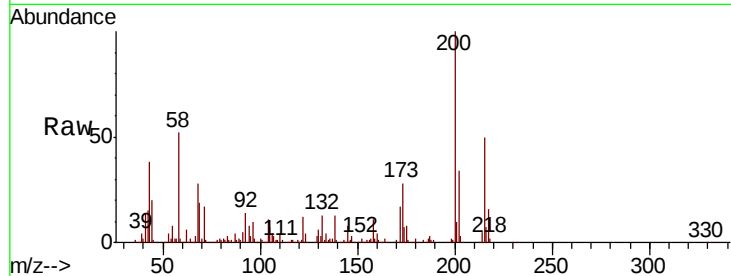
Tot Ion:200 Resp: 243646

Ion Ratio Lower Upper

200 100

173 28.4 8.9 48.9

215 50.2 30.7 70.7

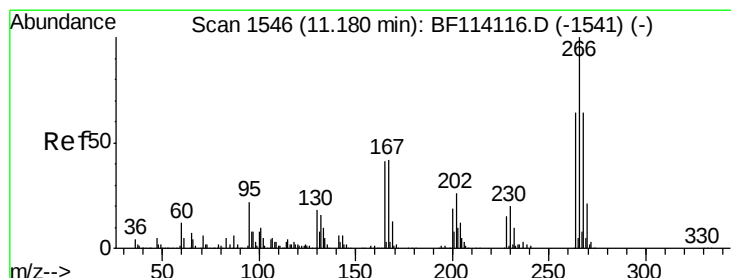
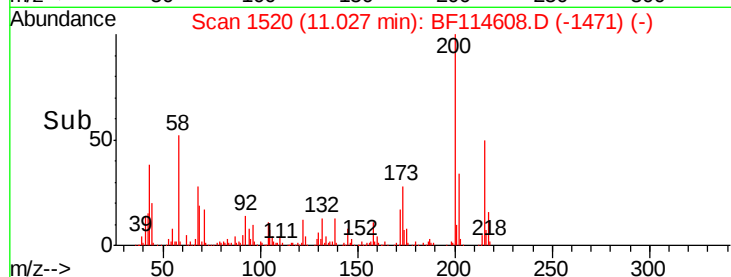
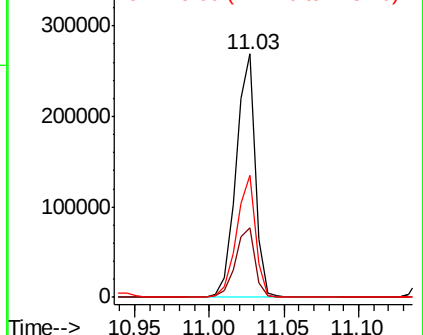


Abundance

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: 58.886 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

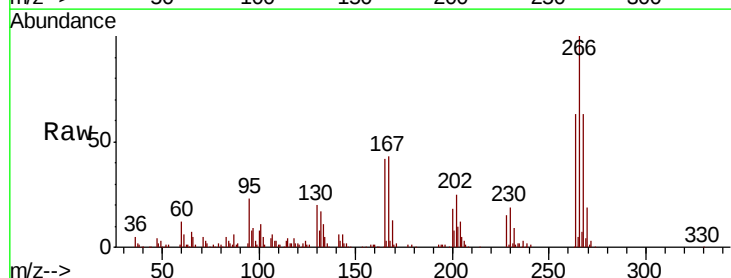
Tgt Ion:266 Resp: 203907

Ion Ratio Lower Upper

266 100

268 63.0 51.1 76.7

264 62.8 51.1 76.7

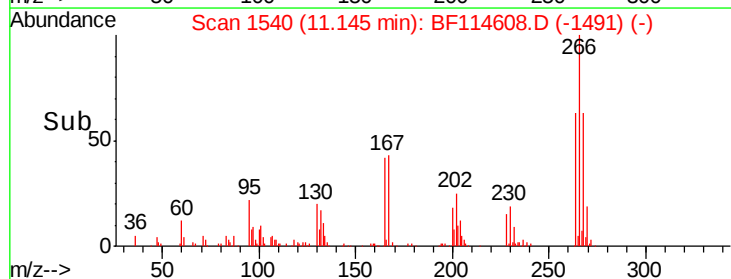
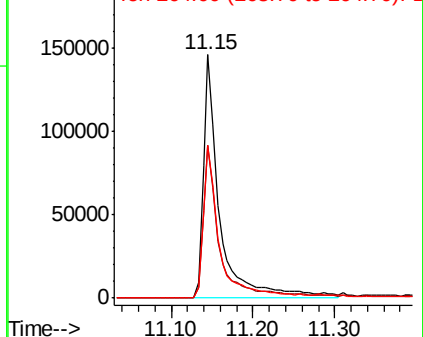


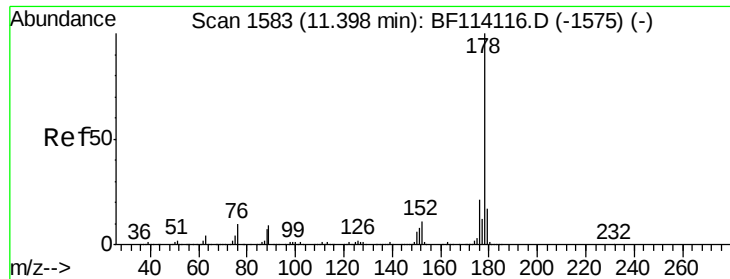
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

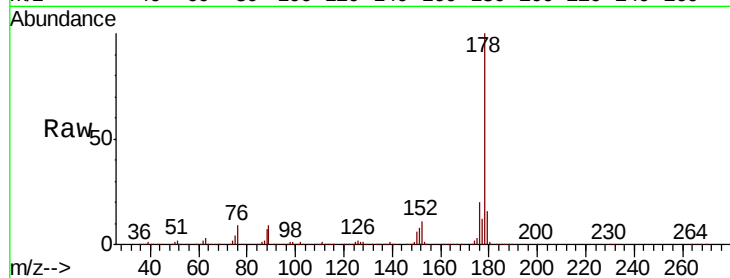




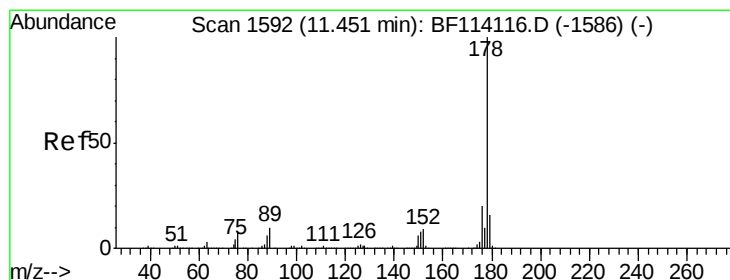
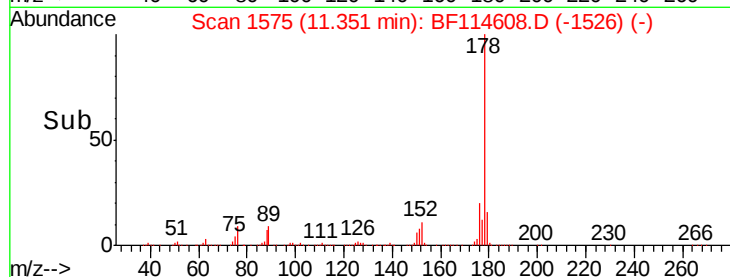
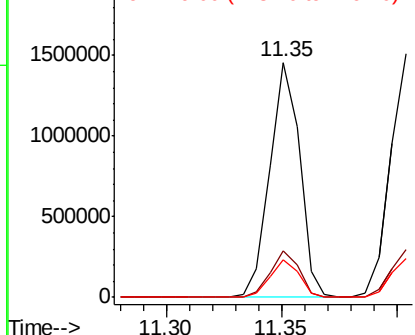
#71  
Phenanthrene  
Concen: 45.049 ng  
RT: 11.35 min Scan# 1575  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Instrument :  
BNA\_F  
ClientSampleId :  
PB119859BS

Tot Ion:178 Resp: 1314379  
Ion Ratio Lower Upper  
178 100  
176 19.7 16.4 24.6  
179 16.2 13.2 19.8

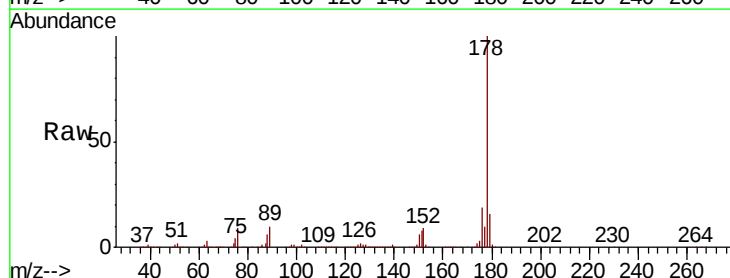


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

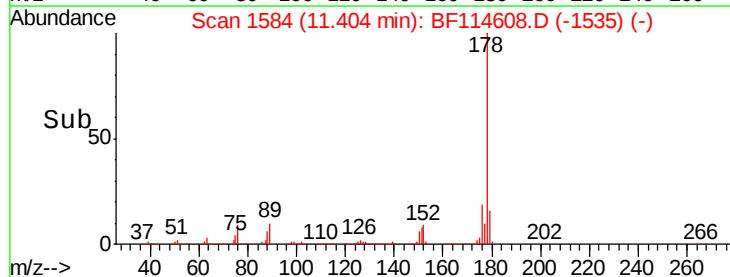
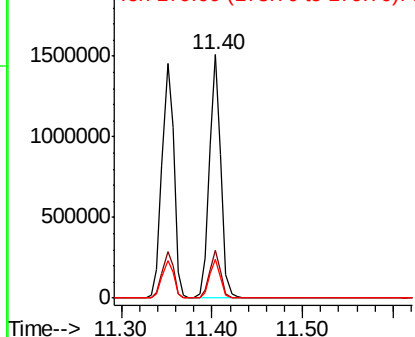


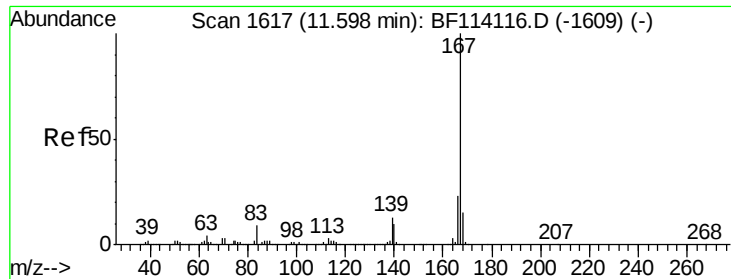
#72  
Anthracene  
Concen: 46.261 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. -0.01 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Tgt Ion:178 Resp: 1355675  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.8 23.8  
179 15.9 13.0 19.4



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

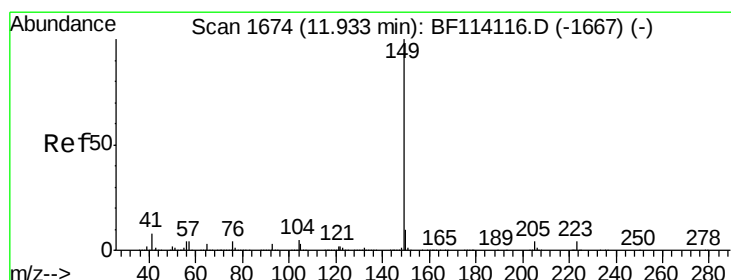
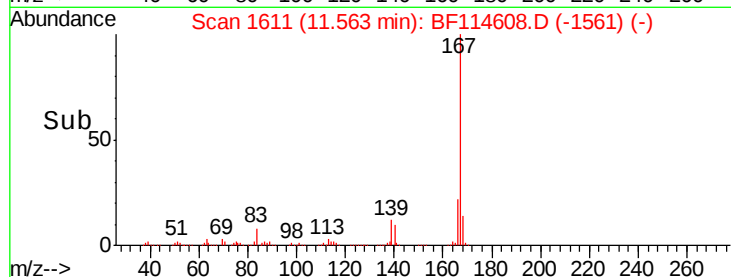
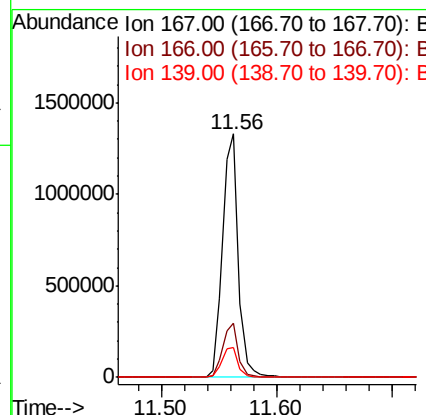
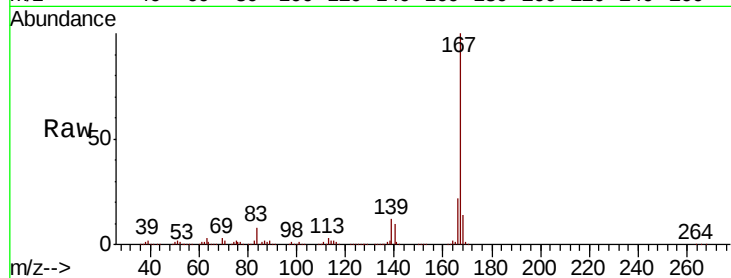




#73  
 Carbazole  
 Concen: 44.800 ng  
 RT: 11.56 min Scan# 1611  
 Delta R.T. -0.01 min  
 Lab File: BF114608.D  
 Acq: 25 May 2019 17:12

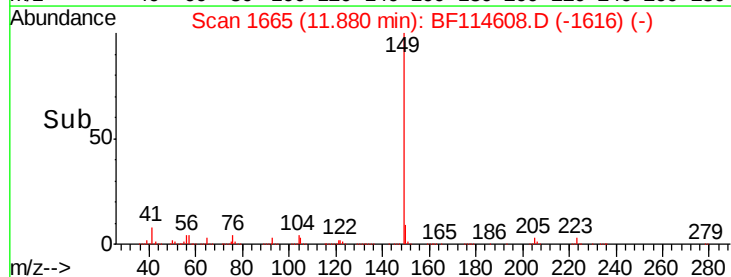
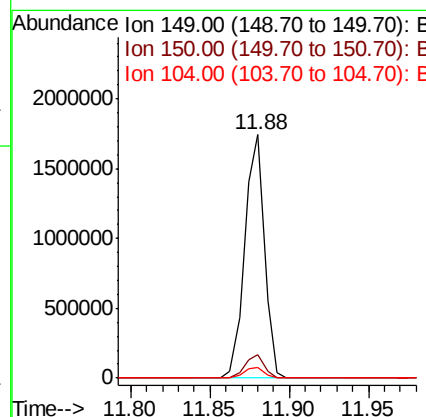
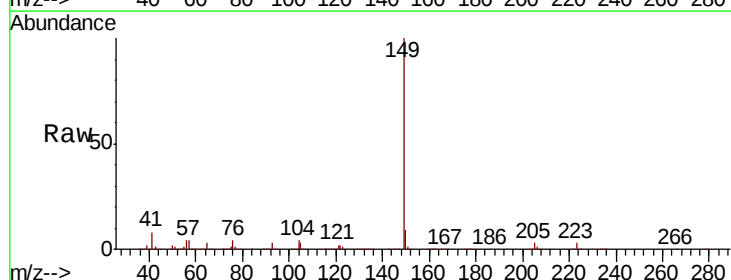
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119859BS

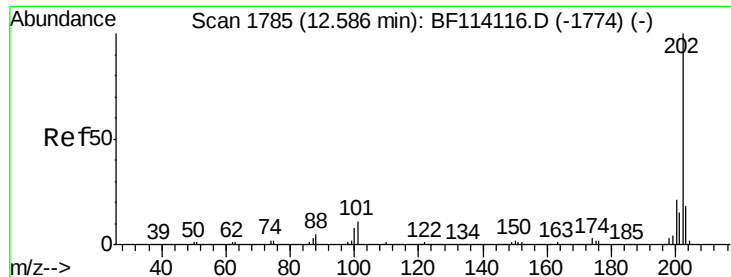
Tot Ion:167 Resp: 1251942  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 18.2 27.2  
 139 12.5 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 46.536 ng  
 RT: 11.88 min Scan# 1665  
 Delta R.T. -0.01 min  
 Lab File: BF114608.D  
 Acq: 25 May 2019 17:12

Tgt Ion:149 Resp: 1498224  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.7 11.5  
 104 4.4 3.6 5.4

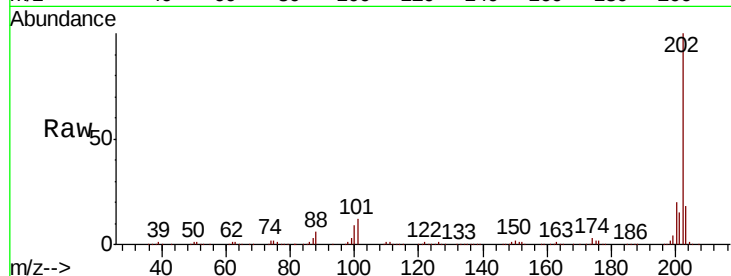




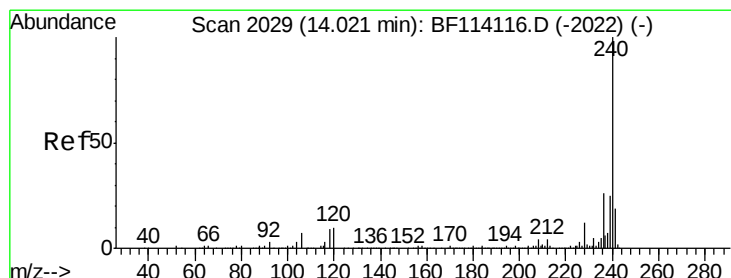
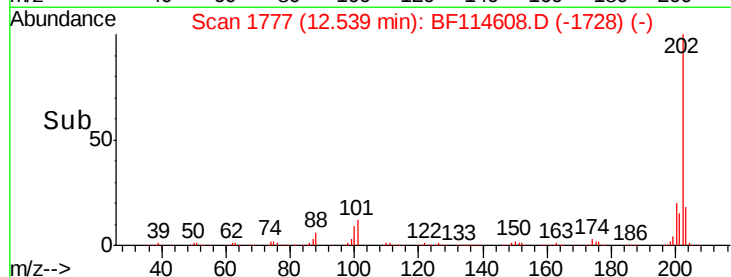
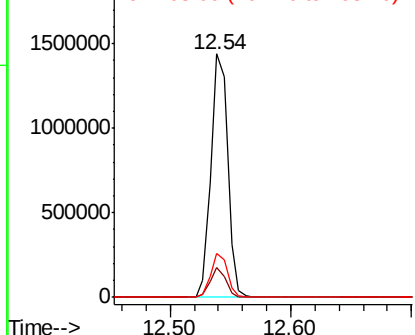
#75  
 Fluoranthene  
 Concen: 43.998 ng  
 RT: 12.54 min Scan# 1777  
 Delta R.T. -0.01 min  
 Lab File: BF114608.D  
 Acq: 25 May 2019 17:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119859BS

Tot Ion:202 Resp: 1382370  
 Ion Ratio Lower Upper  
 202 100  
 101 12.1 0.0 31.0  
 203 18.1 0.0 38.4

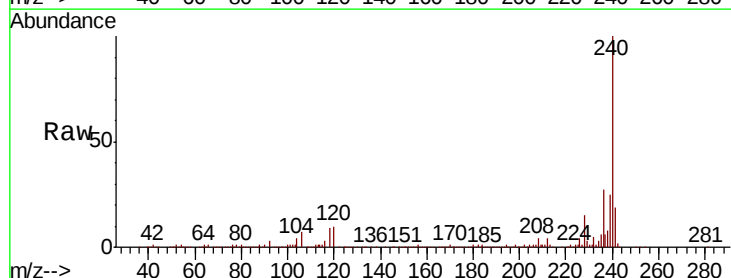


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

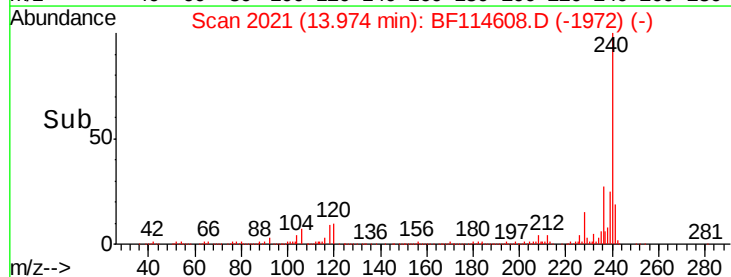
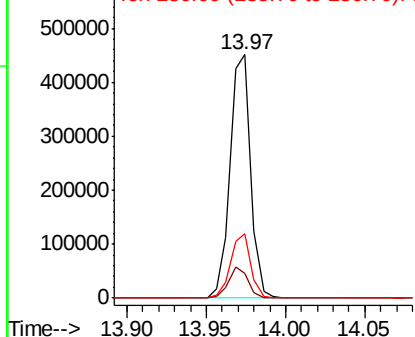


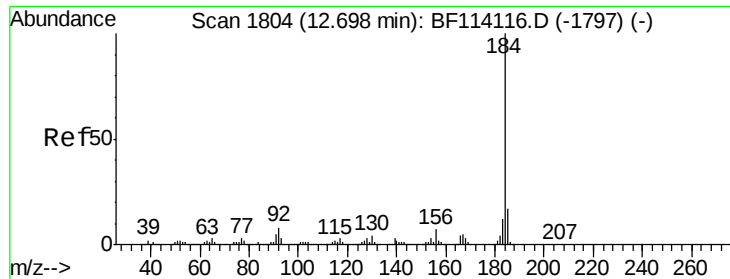
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.97 min Scan# 2021  
 Delta R.T. -0.01 min  
 Lab File: BF114608.D  
 Acq: 25 May 2019 17:12

Tgt Ion:240 Resp: 406688  
 Ion Ratio Lower Upper  
 240 100  
 120 10.3 8.3 12.5  
 236 26.7 20.8 31.2



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





#77

Benzidine

Concen: 43.895 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

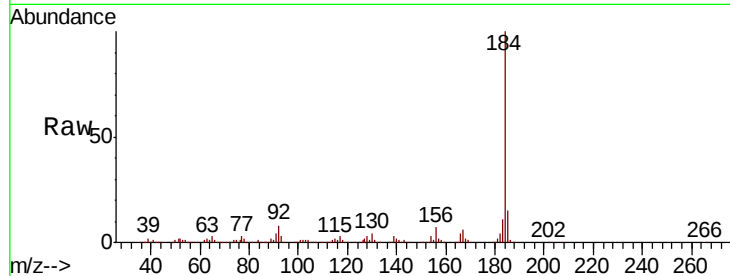
Tot Ion:184 Resp: 801336

Ion Ratio Lower Upper

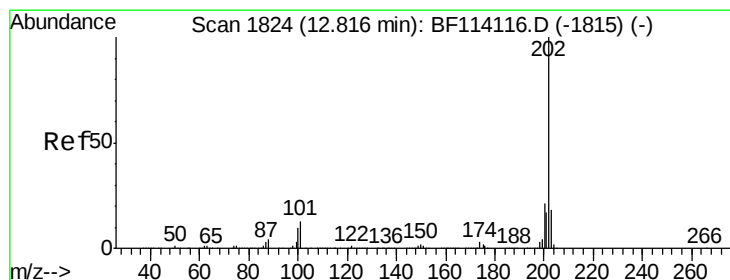
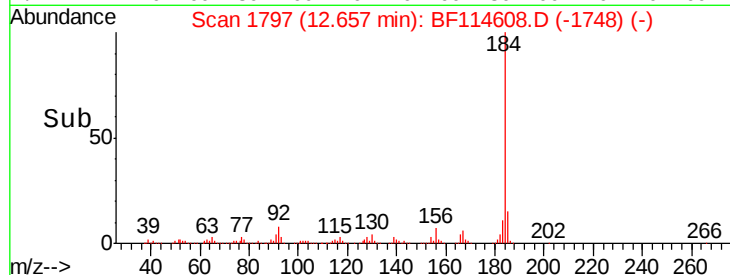
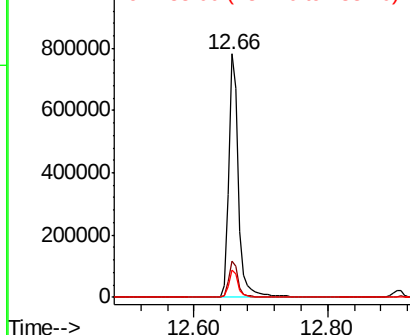
184 100

185 15.0 13.6 20.4

183 11.0 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.772 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

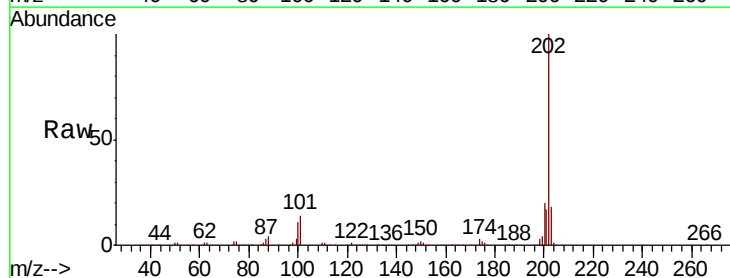
Tgt Ion:202 Resp: 1399335

Ion Ratio Lower Upper

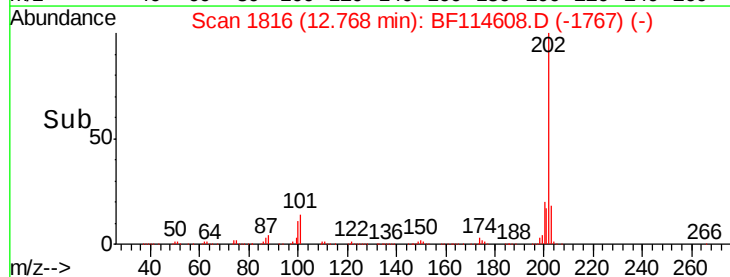
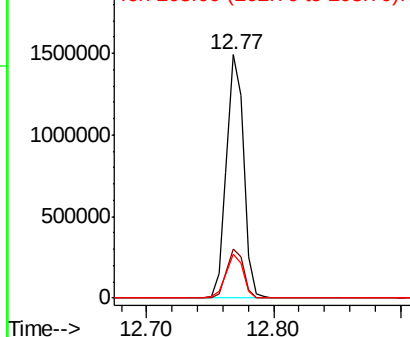
202 100

200 20.2 16.9 25.3

203 17.8 14.5 21.7



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: 91.494 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

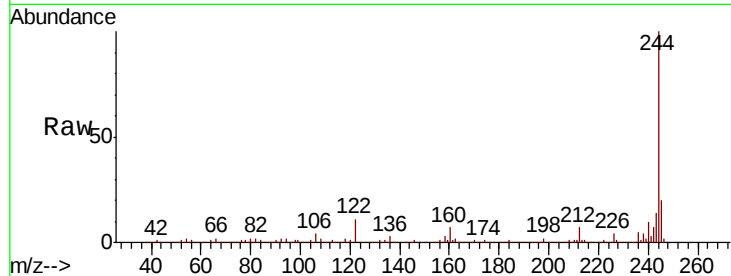
Tot Ion:244 Resp: 1805029

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

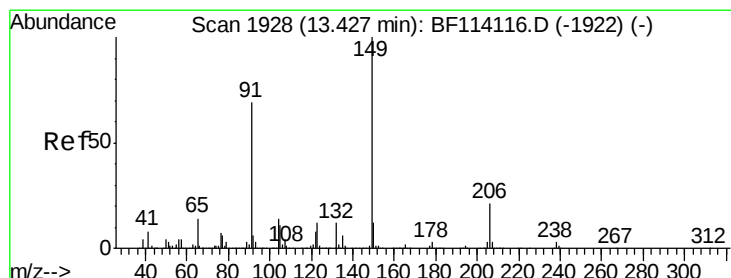
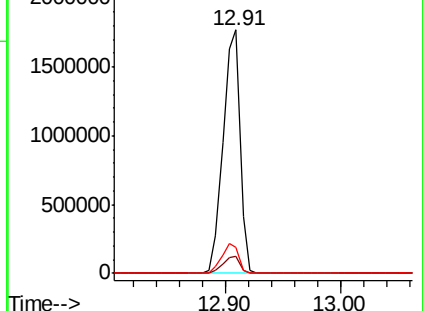
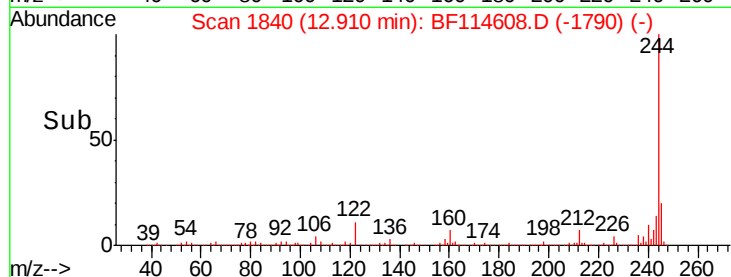
122 10.8 9.4 14.2



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: 46.576 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

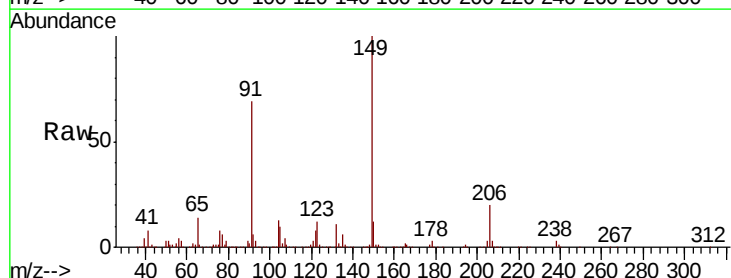
Tgt Ion:149 Resp: 641368

Ion Ratio Lower Upper

149 100

91 69.2 55.0 82.4

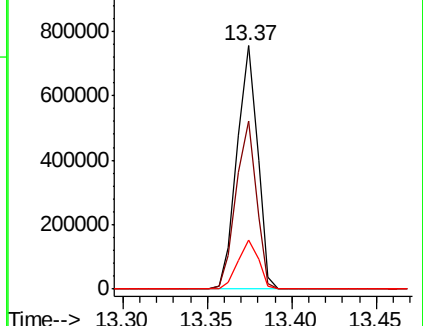
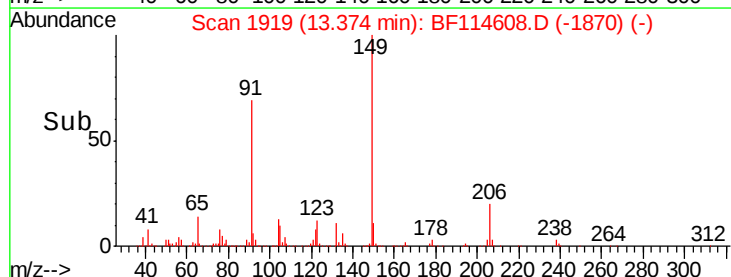
206 20.1 16.9 25.3

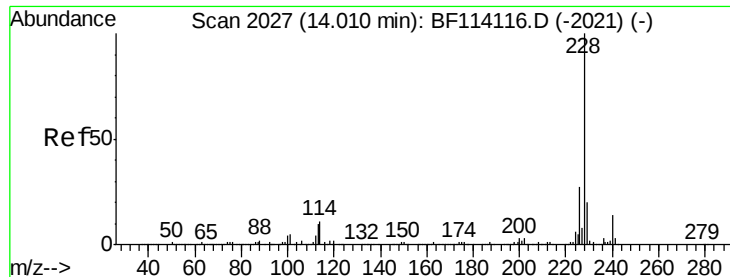


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.504 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

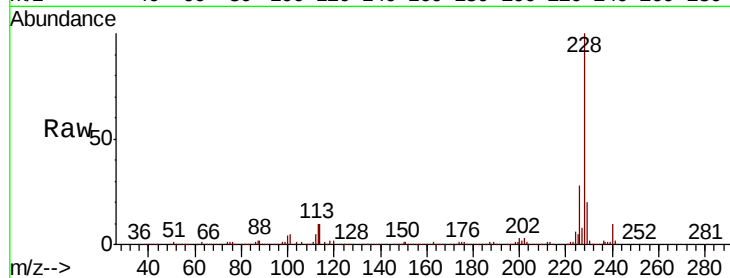
Tot Ion:228 Resp: 1170649

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.2

229 20.4 16.4 24.6

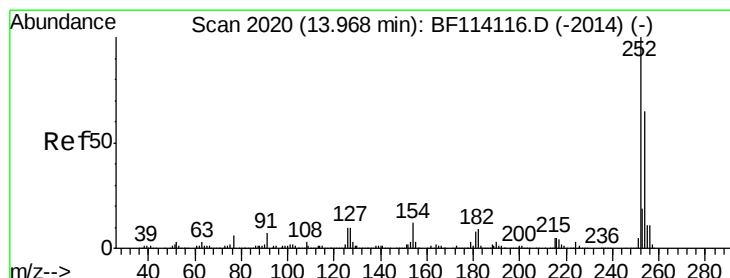
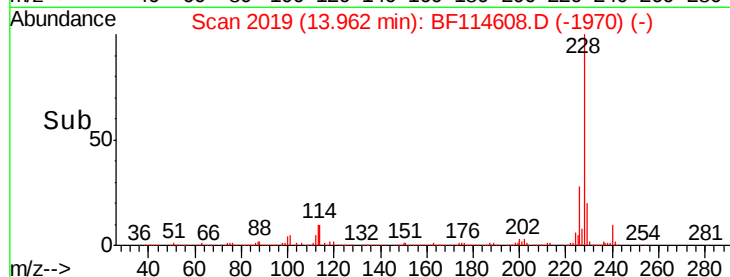
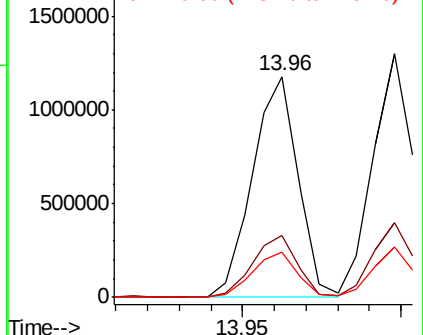


Abundance

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: 35.965 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

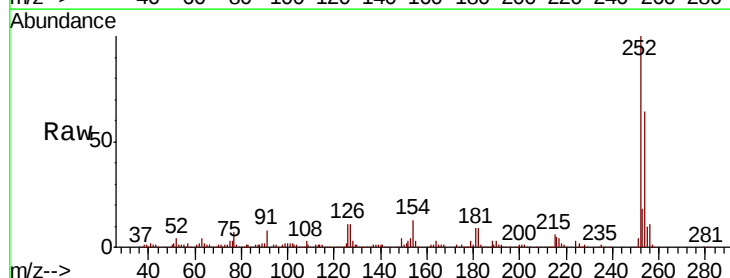
Tgt Ion:252 Resp: 366998

Ion Ratio Lower Upper

252 100

254 64.3 51.9 77.9

126 11.0 7.9 11.9

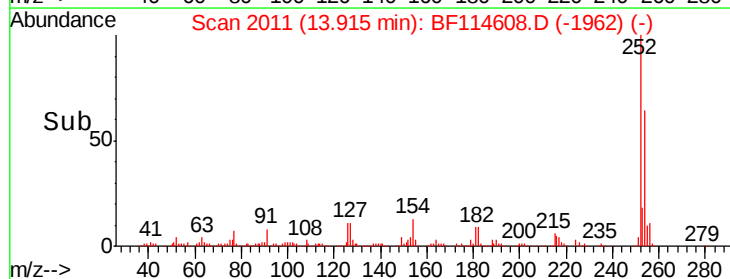
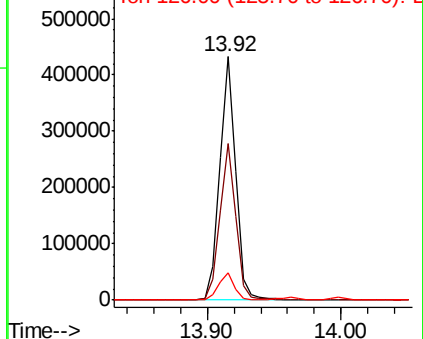


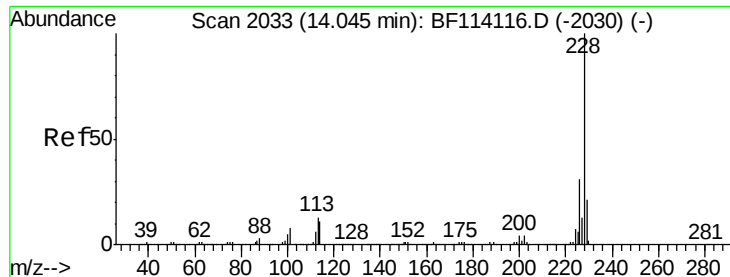
Abundance

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: 44.338 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

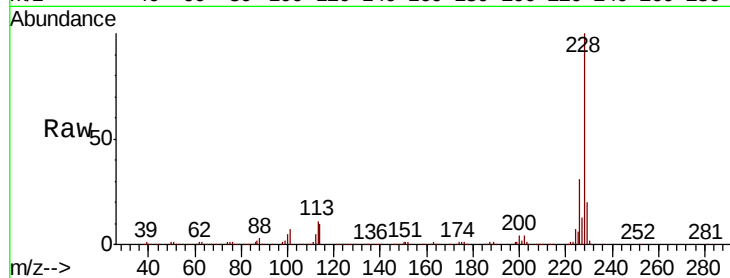
Tot Ion:228 Resp: 1143279

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

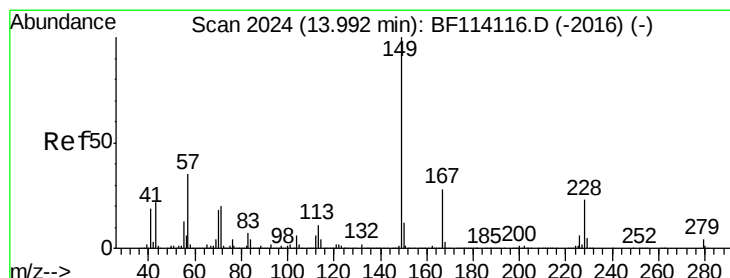
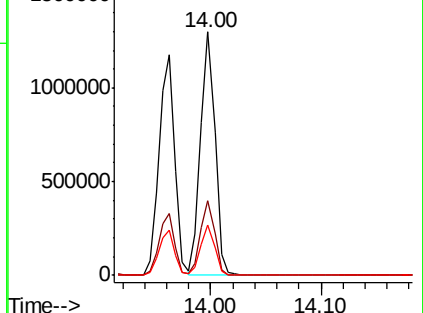
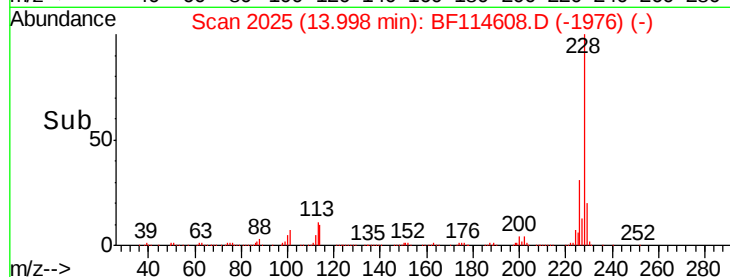
229 20.5 17.0 25.6



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: 48.316 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

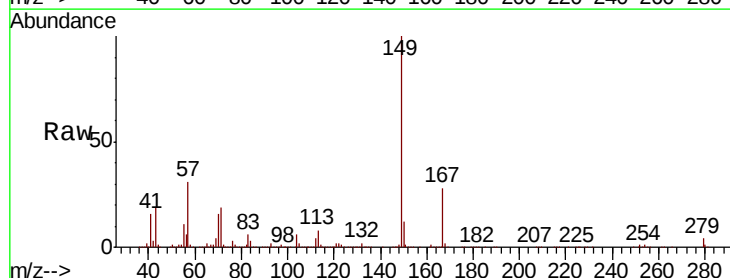
Tgt Ion:149 Resp: 870164

Ion Ratio Lower Upper

149 100

167 27.8 22.6 33.8

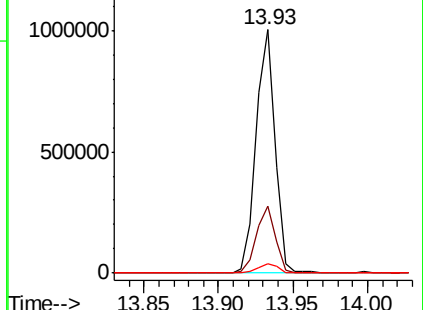
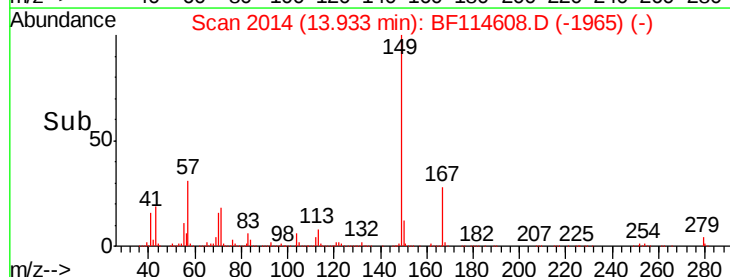
279 4.0 3.0 4.6

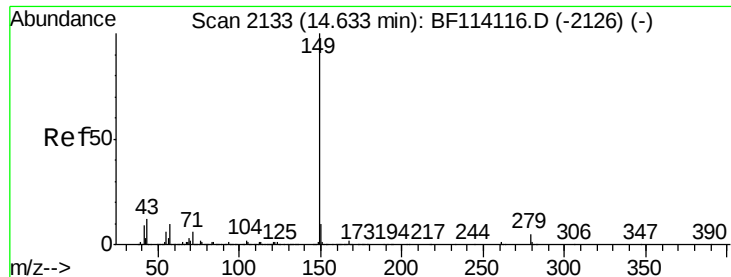


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.666 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

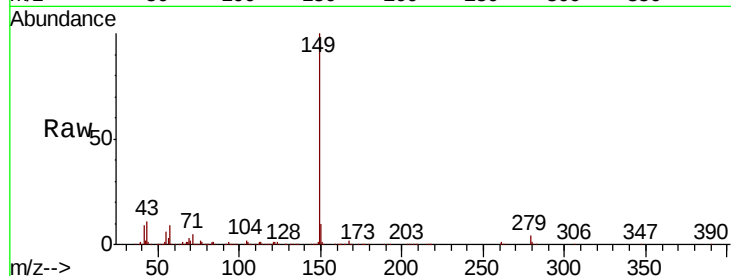
Tot Ion:149 Resp: 1450029

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

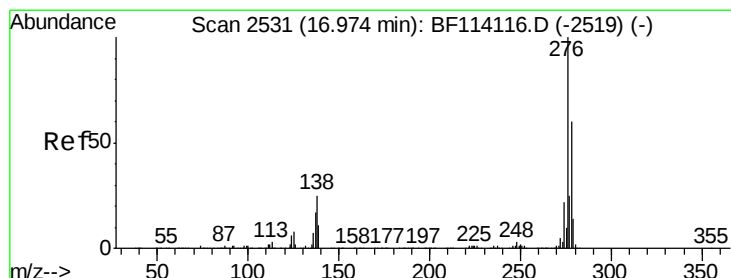
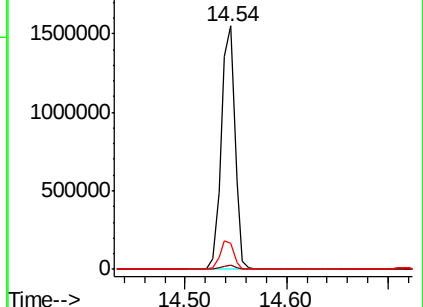
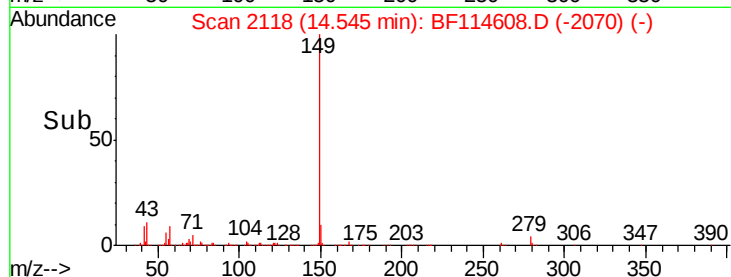
43 11.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.169 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

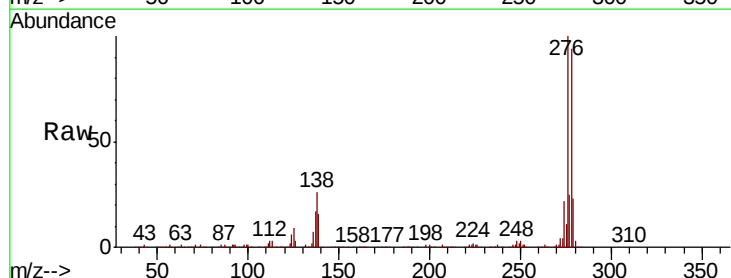
Tgt Ion:276 Resp: 1074922

Ion Ratio Lower Upper

276 100

138 24.7 20.2 30.2

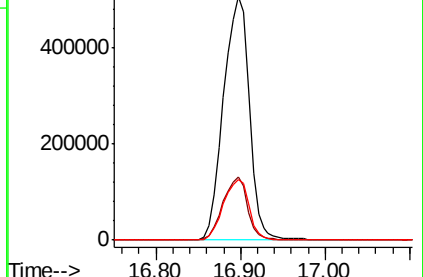
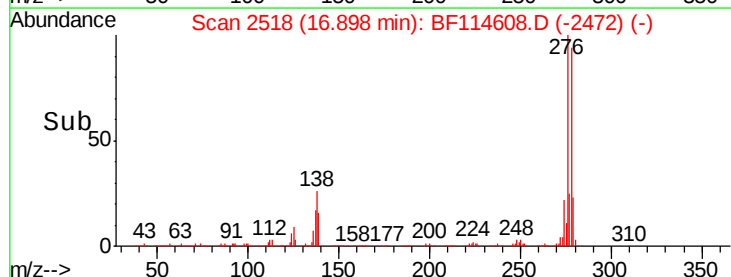
277 24.8 20.0 30.0

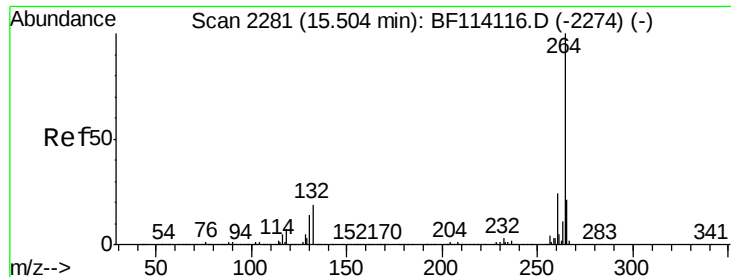


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

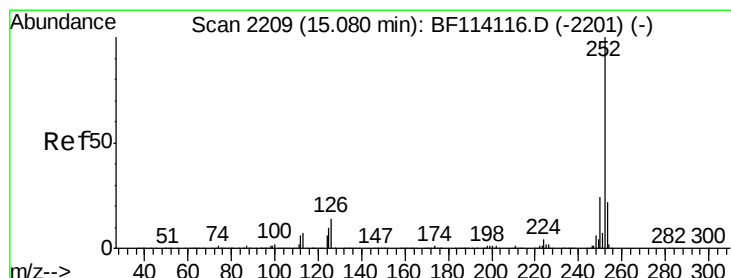
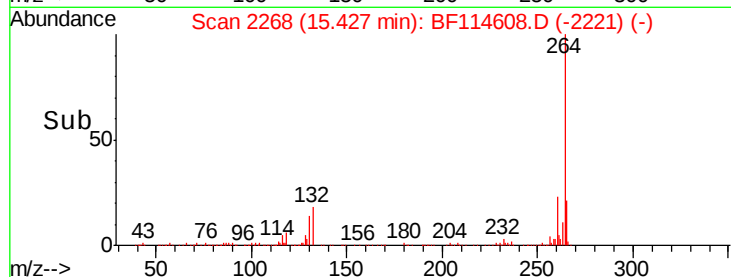
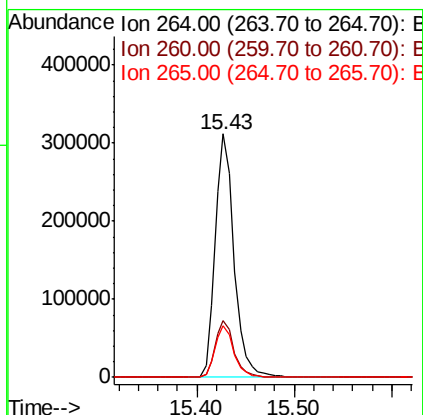
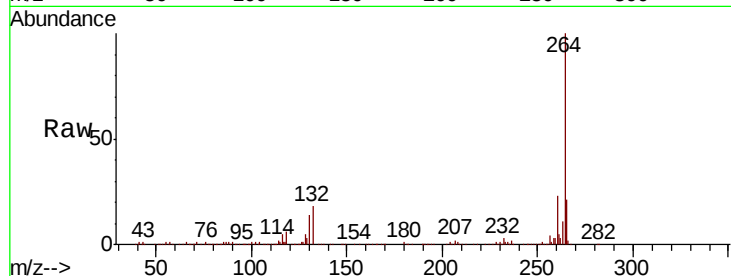




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.43 min Scan# 2268  
Delta R.T. -0.02 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

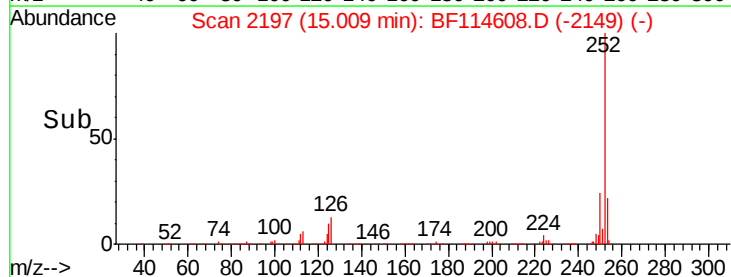
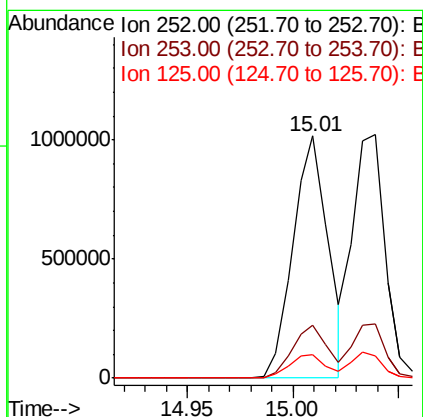
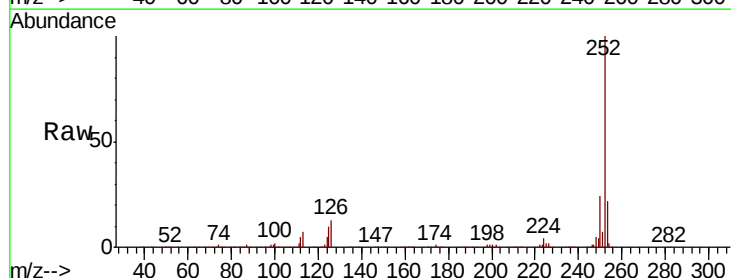
Instrument :  
BNA\_F  
ClientSampleId :  
PB119859BS

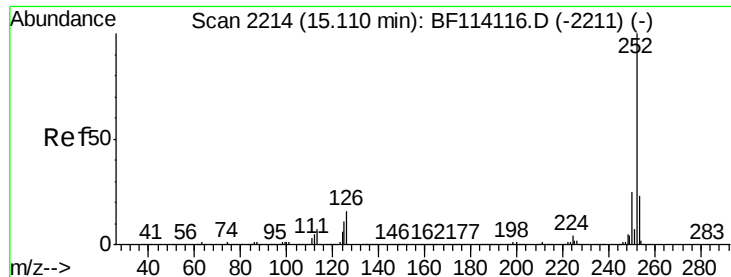
Tot Ion:264 Resp: 417803  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.4 29.0  
265 21.4 16.9 25.3



#88  
Benzo(b)fluoranthene  
Concen: 43.864 ng  
RT: 15.01 min Scan# 2197  
Delta R.T. -0.02 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Tgt Ion:252 Resp: 1174094  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.8 26.8  
125 9.7 8.3 12.5

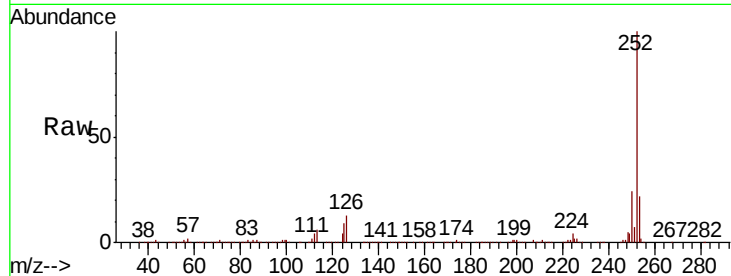




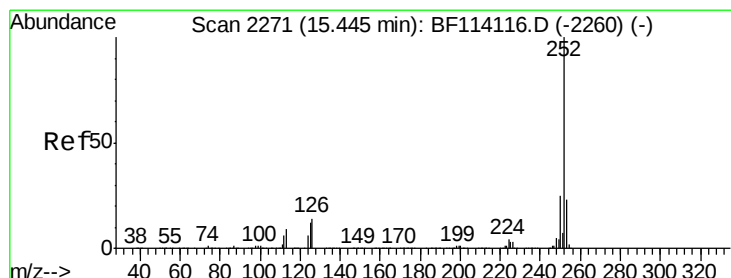
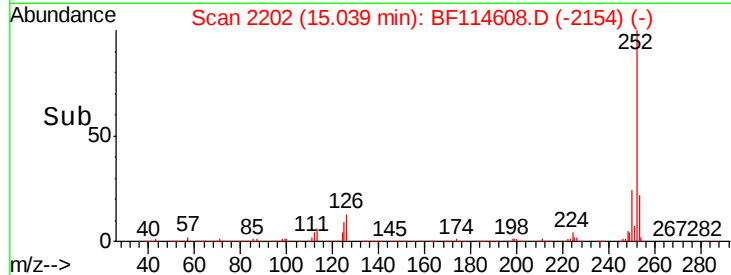
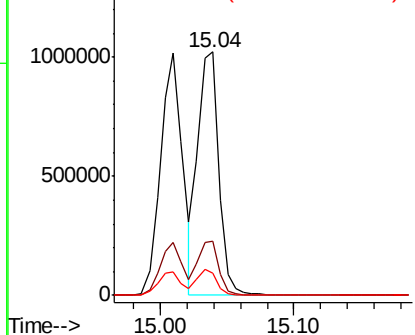
#89  
Benzo(k)fluoranthene  
Concen: 45.039 ng  
RT: 15.04 min Scan# 2202  
Delta R.T. -0.02 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Instrument :  
BNA\_F  
ClientSampleId :  
PB119859BS

Tot Ion:252 Resp: 1107409  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.2 27.2  
125 9.1 8.6 13.0

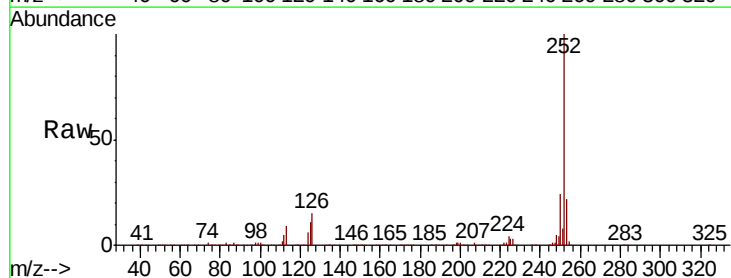


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

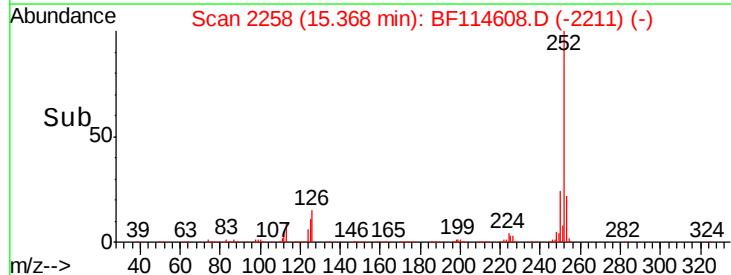
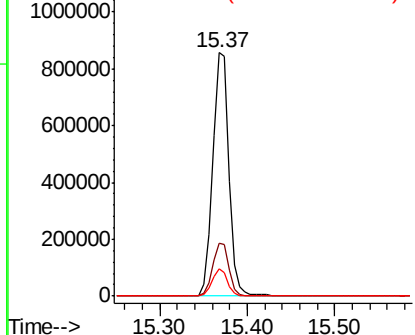


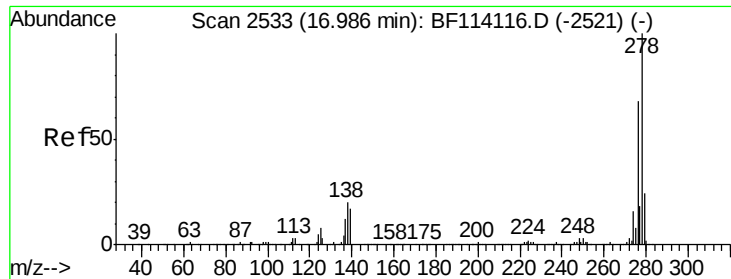
#90  
Benzo(a)pyrene  
Concen: 46.887 ng  
RT: 15.37 min Scan# 2258  
Delta R.T. -0.02 min  
Lab File: BF114608.D  
Acq: 25 May 2019 17:12

Tgt Ion:252 Resp: 1104509  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.1 27.1  
125 11.1 9.5 14.3



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





#91

Dibenzo(a,h)anthracene

Concen: 45.583 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA\_F

ClientSampleId :

PB119859BS

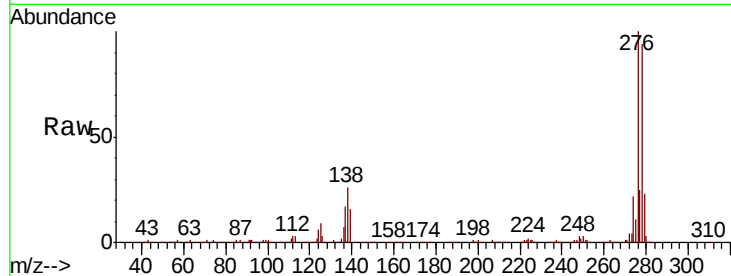
Tot Ion:278 Resp: 892275

Ion Ratio Lower Upper

278 100

139 16.8 13.5 20.3

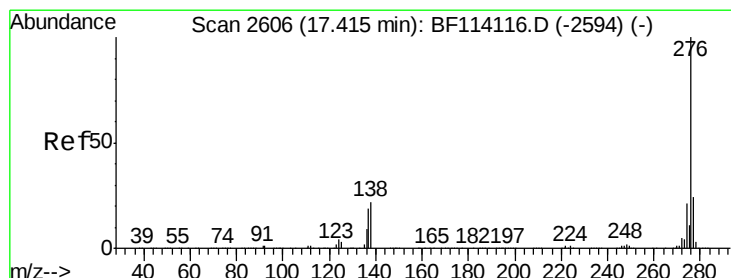
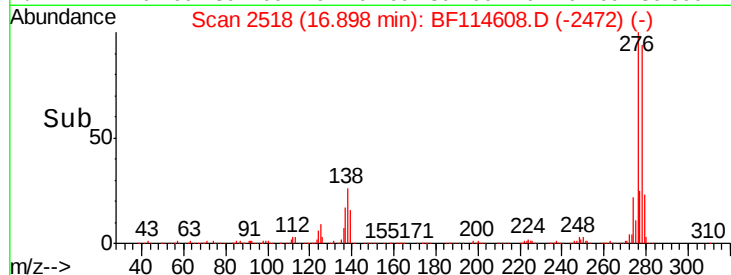
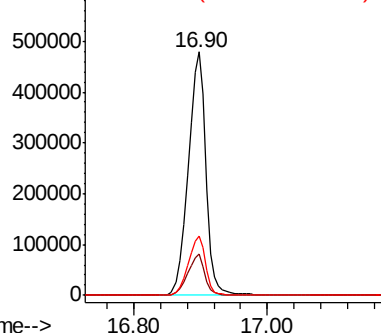
279 24.4 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.637 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.04 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

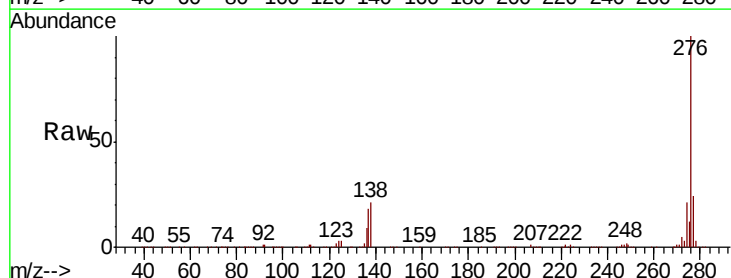
Tgt Ion:276 Resp: 914883

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 21.3 17.8 26.6



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

