

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\  
 Data File : BF108026.D  
 Acq On : 8 Aug 2018 18:17  
 Operator : JU/SJ  
 Sample : J3762-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Aug 09 06:39:16 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 08 12:24:24 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.01  | 152  | 84344    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.30  | 136  | 343643   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.06 | 164  | 181718   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.55 | 188  | 379128   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.21 | 240  | 336290   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.77 | 264  | 284932   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.63  | 112 | 1016946 | 218.29 | ng | 0.00 |
| 7) Phenol-d6                | 6.62  | 99  | 1354664 | 218.82 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.57  | 82  | 697859  | 113.32 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 10.85 | 330 | 396637  | 218.82 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 9.37  | 172 | 1409078 | 124.49 | ng | 0.00 |
| 78) Terphenyl-d14           | 13.14 | 244 | 1773453 | 134.08 | ng | 0.00 |

|                                |      |     |        |        |    |      |
|--------------------------------|------|-----|--------|--------|----|------|
| Target Compounds               |      |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.94 | 88  | 63365  | 26.470 | ng | # 87 |
| 3) Pyridine                    | 3.70 | 79  | 171228 | 27.768 | ng | # 87 |
| 4) n-Nitrosodimethylamine      | 3.65 | 42  | 92324  | 26.608 | ng | 80   |
| 6) Aniline                     | 6.67 | 93  | 154410 | 18.337 | ng | 96   |
| 8) 2-Chlorophenol              | 6.80 | 128 | 152375 | 29.041 | ng | 97   |
| 9) Benzaldehyde                | 6.57 | 77  | 121526 | 25.319 | ng | 97   |
| 10) Phenol                     | 6.63 | 94  | 183722 | 28.690 | ng | 83   |
| 11) bis(2-Chloroethyl)ether    | 6.74 | 93  | 150781 | 29.125 | ng | 90   |
| 12) 1,3-Dichlorobenzene        | 6.95 | 146 | 172508 | 28.434 | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 7.03 | 146 | 179503 | 29.448 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 7.18 | 146 | 162459 | 28.653 | ng | 97   |
| 15) Benzyl Alcohol             | 7.14 | 79  | 144984 | 27.819 | ng | 95   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.28 | 45  | 302515 | 28.365 | ng | 96   |
| 17) 2-Methylphenol             | 7.24 | 107 | 129022 | 28.674 | ng | 96   |
| 18) Hexachloroethane           | 7.53 | 117 | 60499  | 27.878 | ng | # 88 |
| 19) n-Nitroso-di-n-propylamine | 7.41 | 70  | 118454 | 28.295 | ng | # 84 |
| 20) 3+4-Methylphenols          | 7.40 | 107 | 170070 | 29.495 | ng | 92   |
| 22) Acetophenone               | 7.41 | 105 | 228437 | 28.429 | ng | # 93 |
| 24) Nitrobenzene               | 7.59 | 77  | 178138 | 28.606 | ng | 95   |
| 25) Isophorone                 | 7.82 | 82  | 315450 | 26.874 | ng | 98   |
| 26) 2-Nitrophenol              | 7.91 | 139 | 54250  | 23.068 | ng | 91   |
| 27) 2,4-Dimethylphenol         | 7.93 | 122 | 148810 | 28.564 | ng | 99   |
| 28) bis(2-Chloroethoxy)methane | 8.03 | 93  | 191749 | 27.983 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 8.14 | 162 | 132363 | 27.609 | ng | 96   |
| 30) 1,2,4-Trichlorobenzene     | 8.23 | 180 | 147037 | 27.817 | ng | 99   |
| 31) Naphthalene                | 8.32 | 128 | 462645 | 29.603 | ng | 99   |
| 32) Benzoic acid               | 7.98 | 122 | 39622  | 17.449 | ng | 90   |
| 33) 4-Chloroaniline            | 8.36 | 127 | 126580 | 18.586 | ng | 98   |
| 34) Hexachlorobutadiene        | 8.43 | 225 | 90701  | 27.105 | ng | 99   |
| 35) Caprolactam                | 8.70 | 113 | 38560  | 25.665 | ng | # 79 |
| 36) 4-Chloro-3-methylphenol    | 8.82 | 107 | 144626 | 27.963 | ng | 95   |
| 37) 2-Methylnaphthalene        | 9.01 | 142 | 320419 | 28.979 | ng | 97   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.17 | 216 | 160433 | 28.750 | ng | 98   |
| 40) Hexachlorocyclopentadiene  | 9.16 | 237 | 91909  | 25.499 | ng | 97   |

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 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

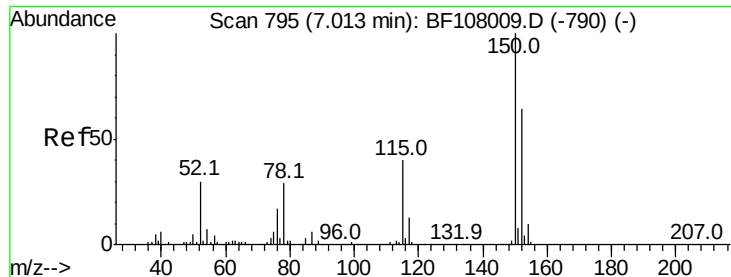
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Aug 09 06:39:16 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.28  | 196  | 85981    | 24.829 | nq    | 95       |
| 43) 2,4,5-Trichlorophenol      | 9.32  | 196  | 108962   | 28.584 | nq #  | 94       |
| 45) 1,1'-Biphenyl              | 9.47  | 154  | 400850   | 29.919 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.50  | 162  | 314572   | 29.706 | nq    | 97       |
| 47) 2-Nitroaniline             | 9.59  | 65   | 94291    | 27.520 | nq    | 84       |
| 48) Acenaphthylene             | 9.92  | 152  | 507654   | 30.324 | nq    | 99       |
| 49) Dimethylphthalate          | 9.77  | 163  | 374498   | 29.586 | nq #  | 99       |
| 50) 2,6-Dinitrotoluene         | 9.83  | 165  | 74728    | 28.217 | nq    | 89       |
| 51) Acenaphthene               | 10.10 | 154  | 299573   | 29.216 | nq    | 99       |
| 52) 3-Nitroaniline             | 10.00 | 138  | 66588    | 22.980 | nq    | 99       |
| 53) 2,4-Dinitrophenol          | 10.10 | 184  | 14260    | 20.146 | nq #  | 1        |
| 54) Dibenzofuran               | 10.27 | 168  | 457894   | 30.823 | nq    | 99       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 56538    | 25.767 | nq    | 92       |
| 56) 2,4-Dinitrotoluene         | 10.23 | 165  | 97962    | 28.737 | nq #  | 87       |
| 57) Fluorene                   | 10.61 | 166  | 356934   | 30.352 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.38 | 232  | 87355    | 27.417 | nq #  | 88       |
| 59) Diethylphthalate           | 10.47 | 149  | 373391   | 30.463 | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.60 | 204  | 181278   | 29.583 | nq    | 91       |
| 61) 4-Nitroaniline             | 10.61 | 138  | 79427    | 27.725 | nq    | 92       |
| 62) Azobenzene                 | 10.76 | 77   | 380873   | 30.088 | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 10.64 | 198  | 24783    | 20.826 | nq    | 92       |
| 65) n-Nitrosodiphenylamine     | 10.71 | 169  | 327891   | 29.267 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 11.10 | 248  | 119026   | 28.889 | nq #  | 82       |
| 67) Hexachlorobenzene          | 11.16 | 284  | 122361   | 28.226 | nq #  | 88       |
| 68) Atrazine                   | 11.24 | 200  | 106511   | 28.344 | nq    | 95       |
| 69) Pentachlorophenol          | 11.35 | 266  | 43189    | 20.815 | nq    | 97       |
| 70) Phenanthrene               | 11.58 | 178  | 565872   | 31.645 | nq    | 98       |
| 71) Anthracene                 | 11.63 | 178  | 570447   | 31.125 | nq    | 100      |
| 72) Carbazole                  | 11.78 | 167  | 501050   | 30.770 | nq    | 99       |
| 73) Di-n-butylphthalate        | 12.11 | 149  | 578059   | 31.341 | nq    | 99       |
| 74) Fluoranthene               | 12.77 | 202  | 622462   | 31.895 | nq    | 96       |
| 76) Benzdine                   | 12.89 | 184  | 139981   | 11.141 | nq #  | 95       |
| 77) Pyrene                     | 13.01 | 202  | 627685   | 29.482 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.61 | 149  | 226593   | 26.803 | nq    | 93       |
| 80) Benzo(a)anthracene         | 14.19 | 228  | 569937   | 29.531 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.15 | 252  | 100372   | 14.512 | nq #  | 96       |
| 82) Chrysene                   | 14.24 | 228  | 537233   | 30.363 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.17 | 149  | 327810   | 28.633 | nq #  | 99       |
| 84) Di-n-octyl phthalate       | 14.79 | 149  | 493366   | 28.257 | nq #  | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.37 | 276  | 417161   | 27.211 | nq #  | 91       |
| 87) Benzo(b)fluoranthene       | 15.29 | 252  | 522261   | 30.675 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 15.33 | 252  | 476028   | 30.415 | nq #  | 96       |
| 89) Benzo(a)pyrene             | 15.69 | 252  | 450988   | 29.580 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.39 | 278  | 350771   | 27.806 | nq #  | 94       |
| 91) Benzo(g,h,i)perylene       | 17.87 | 276  | 337937   | 27.206 | nq #  | 90       |

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



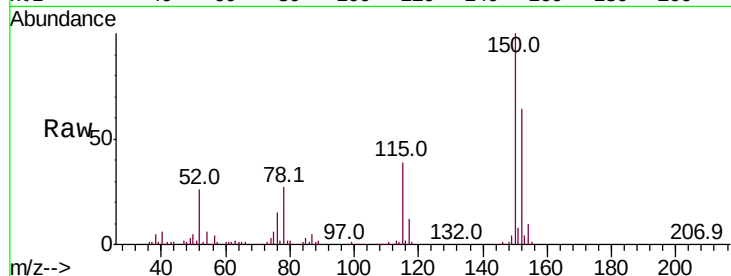


#1

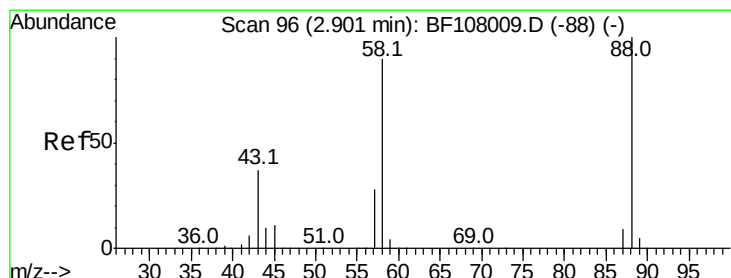
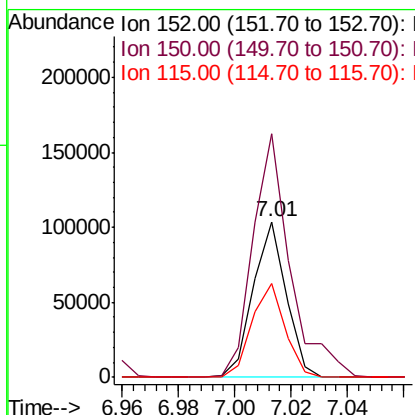
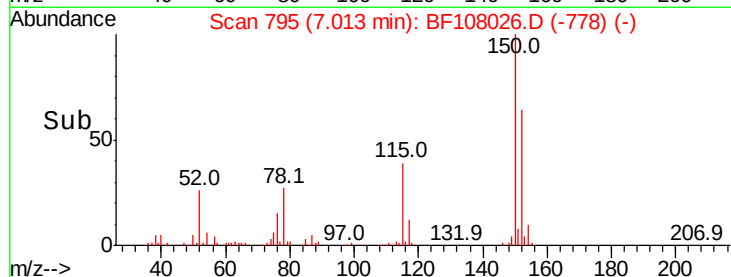
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.01 min Scan# 795  
Delta R.T. 0.00 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 84344  
Ion Ratio Lower Upper  
152 100  
150 156.2 124.6 186.8  
115 60.3 50.1 75.1



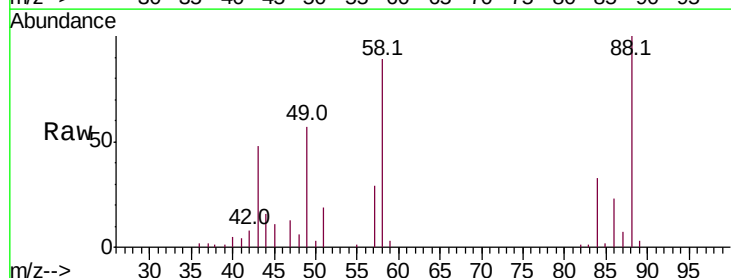
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



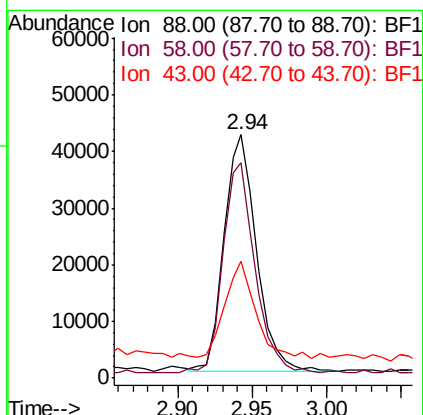
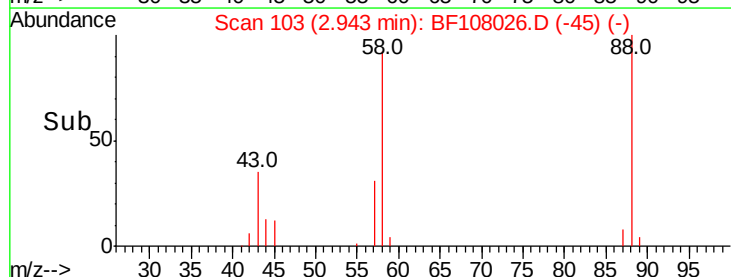
#2

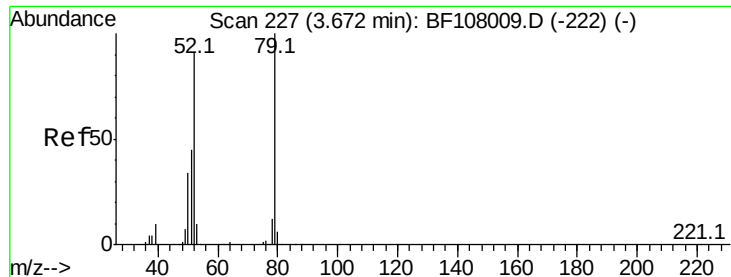
1,4-Dioxane  
Concen: 26.470 ng  
RT: 2.94 min Scan# 103  
Delta R.T. 0.04 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

Tgt Ion: 88 Resp: 63365  
Ion Ratio Lower Upper  
88 100  
58 88.8 62.6 93.8  
43 40.0 24.6 37.0#



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





#3

Pvridine

Concen: 27.768 ng

RT: 3.70 min Scan# 232

Delta R.T. 0.03 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampled :

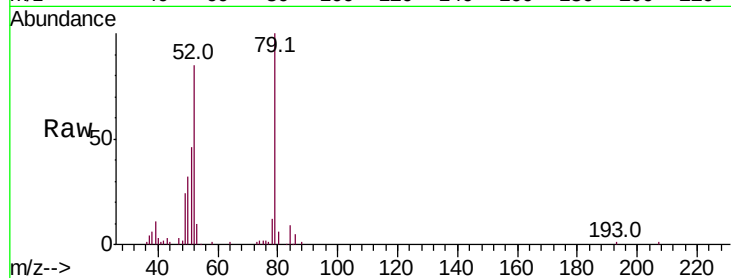
Tot Ion: 79 Resp: 171228

Ion Ratio Lower Upper

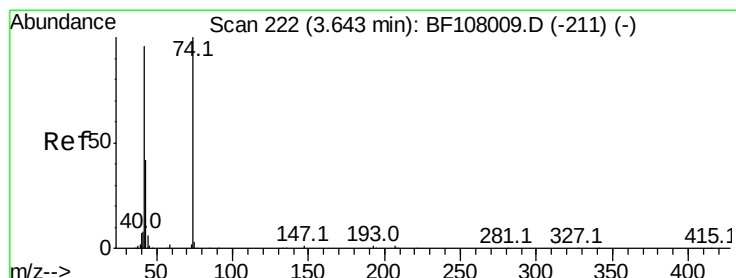
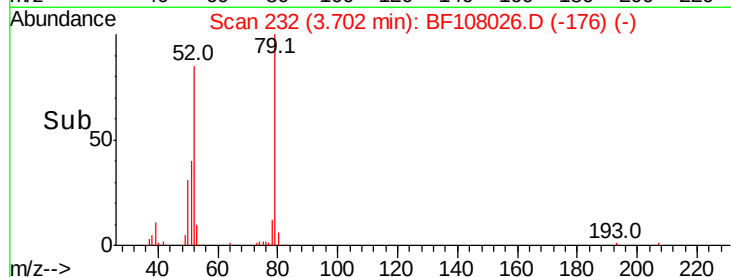
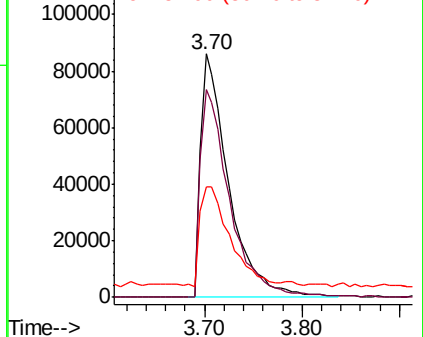
79 100

52 85.1 59.8 89.6

51 45.5 29.8 44.8#



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: 26.608 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

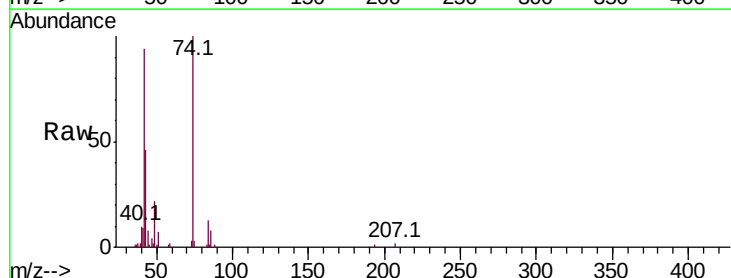
Tgt Ion: 42 Resp: 92324

Ion Ratio Lower Upper

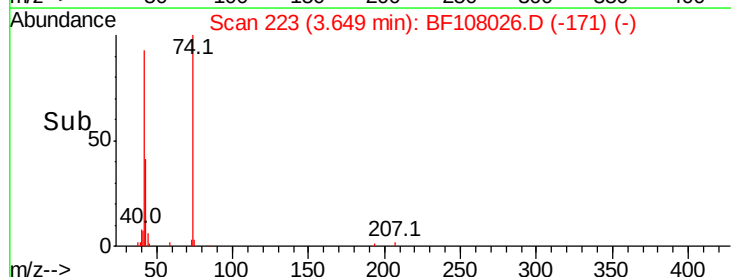
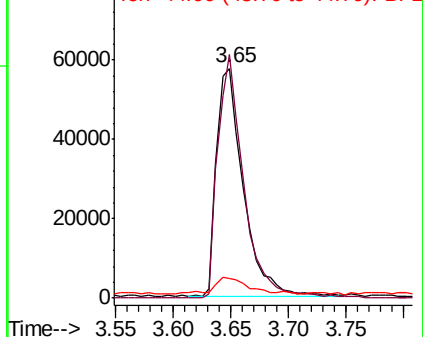
42 100

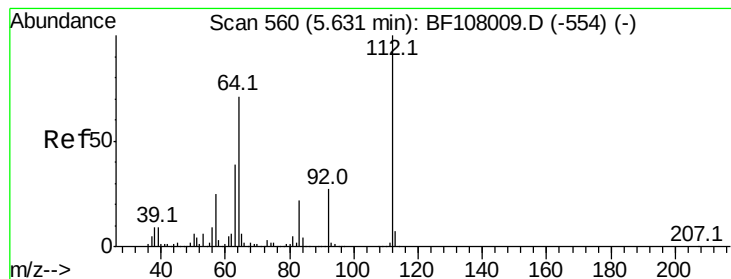
74 106.0 104.9 157.3

44 8.7 6.9 10.3



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: 218.289 ng

RT: 5.63 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampleId :

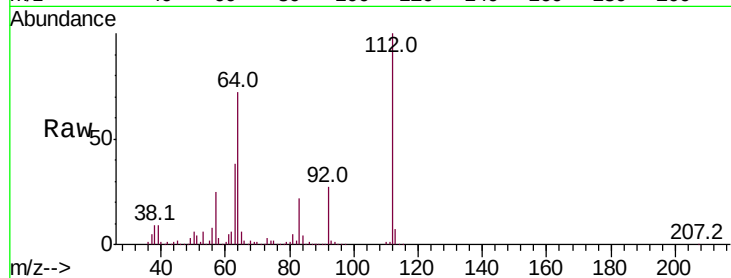
Tot Ion:112 Resp: 1016946

Ion Ratio Lower Upper

112 100

64 71.8 47.9 71.9

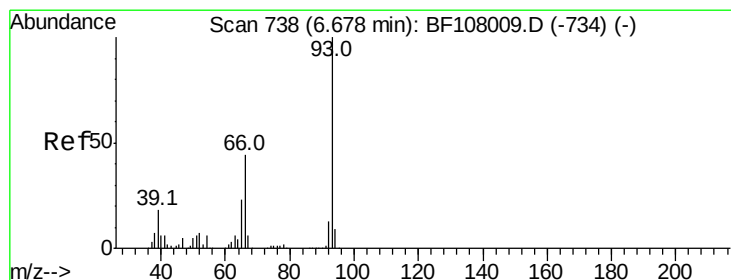
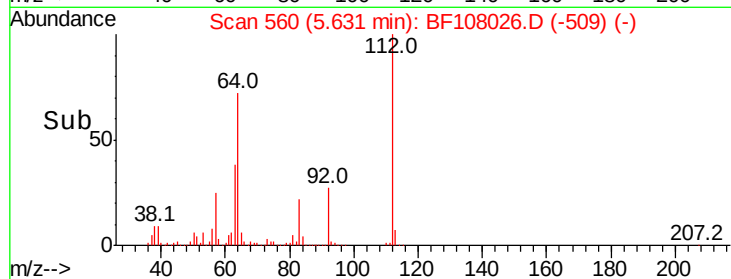
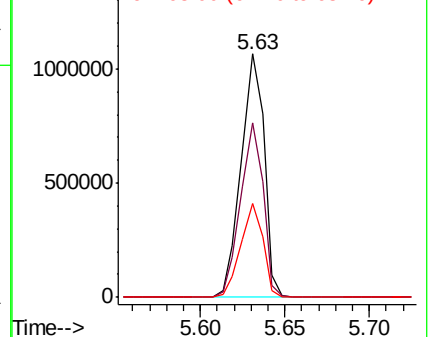
63 38.3 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.337 ng

RT: 6.67 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

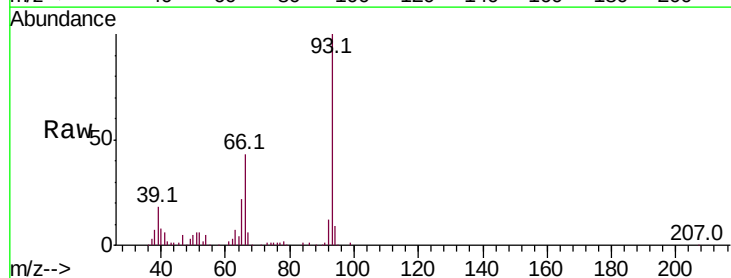
Tgt Ion: 93 Resp: 154410

Ion Ratio Lower Upper

93 100

66 42.9 32.2 48.2

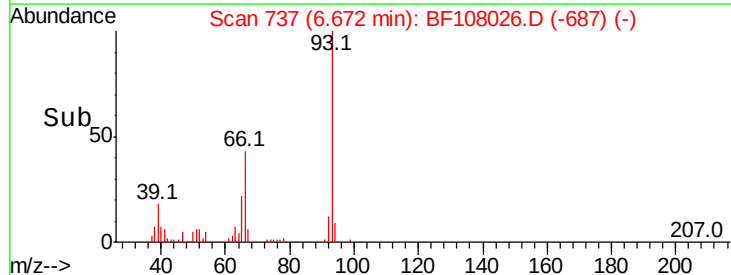
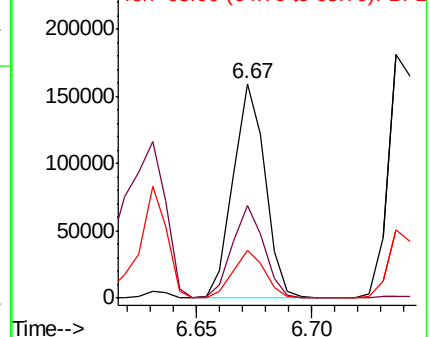
65 22.1 16.4 24.6

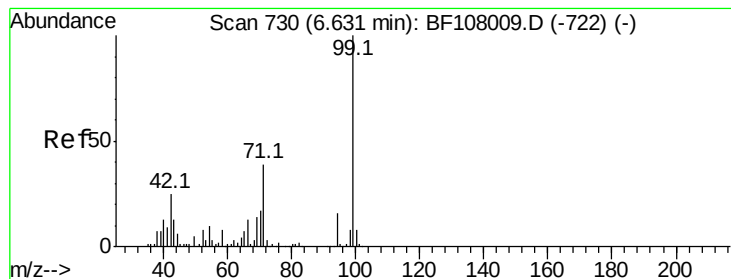


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 218.819 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampleId :

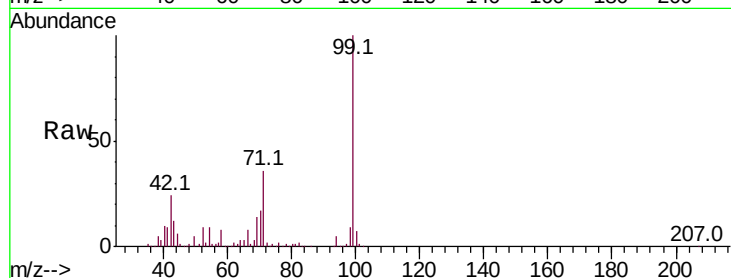
Tot Ion: 99 Resp: 1354664

Ion Ratio Lower Upper

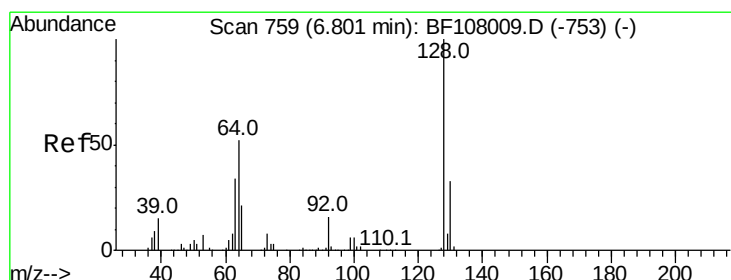
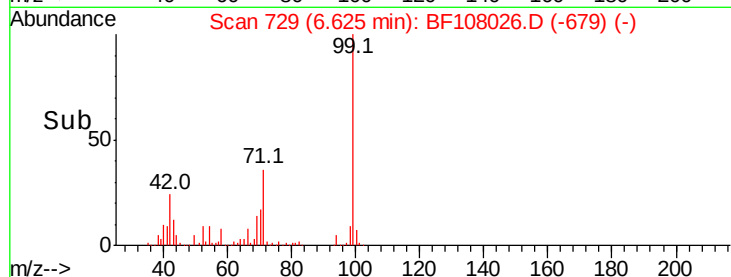
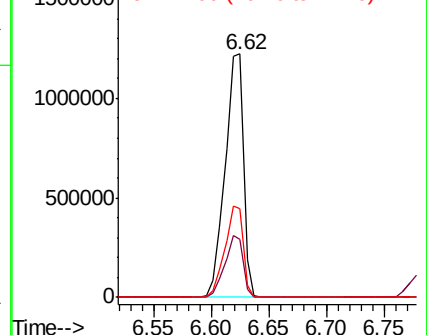
99 100

42 23.7 14.5 21.7#

71 36.3 25.4 38.0



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: 29.041 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

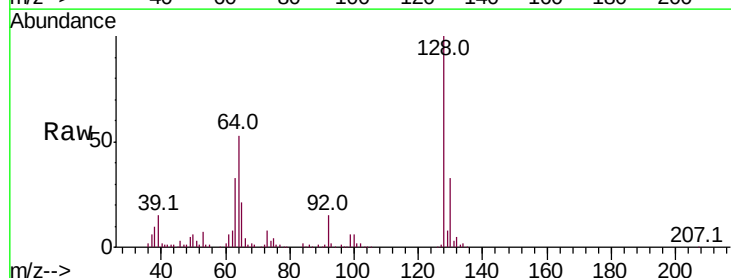
Tgt Ion:128 Resp: 152375

Ion Ratio Lower Upper

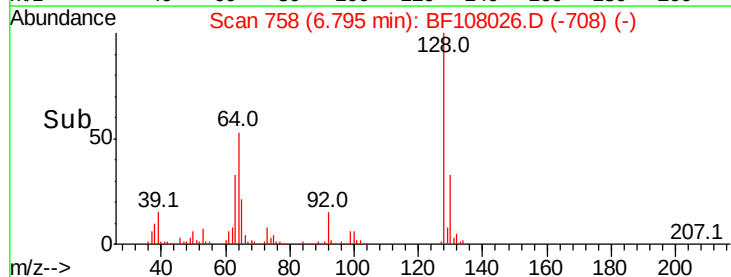
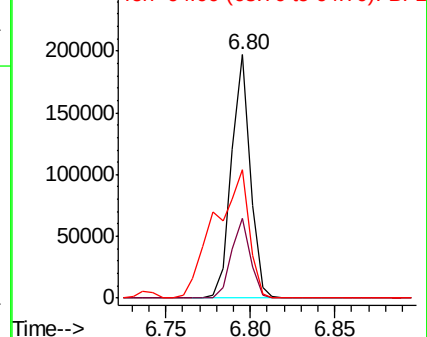
128 100

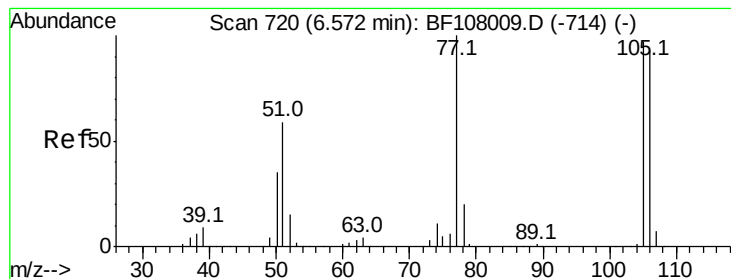
130 32.8 13.0 53.0

64 52.5 29.4 69.4



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: 25.319 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampled :

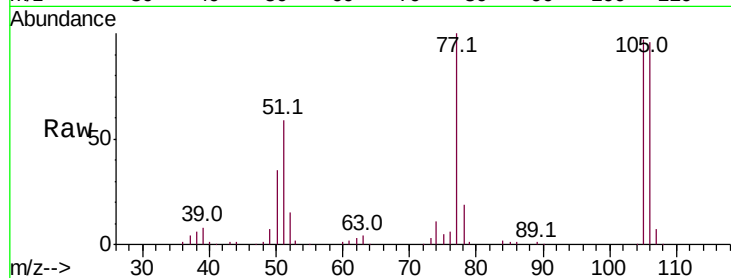
Tot Ion: 77 Resp: 121526

Ion Ratio Lower Upper

77 100

105 96.7 81.1 121.1

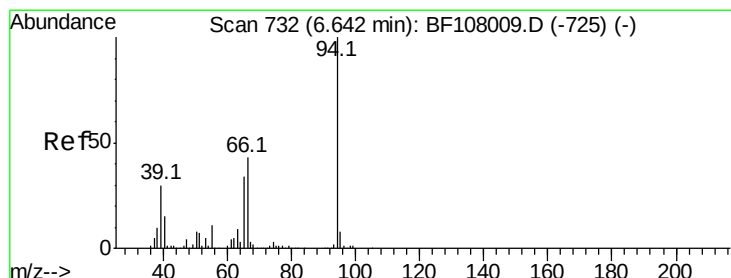
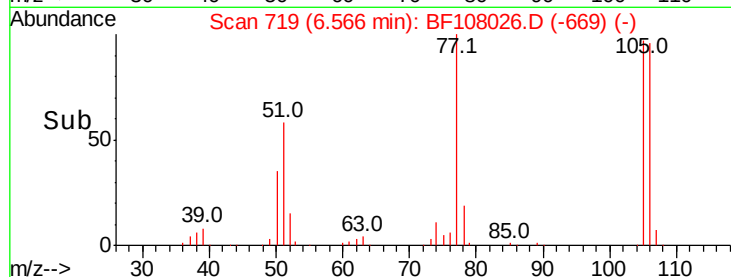
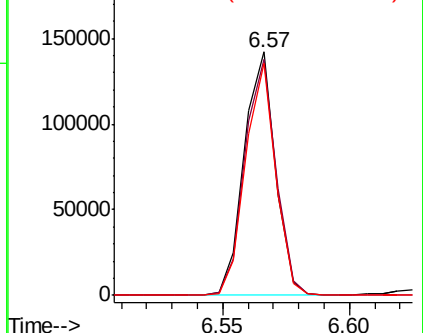
106 95.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 28.690 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

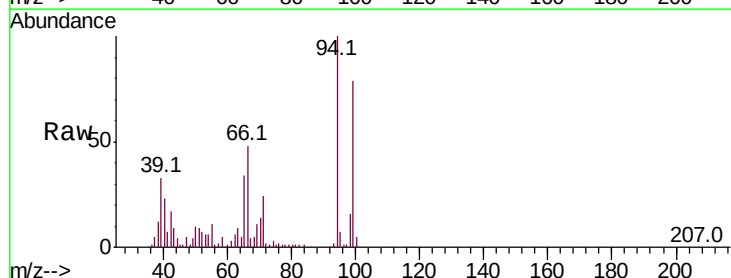
Tgt Ion: 94 Resp: 183722

Ion Ratio Lower Upper

94 100

65 34.4 7.9 47.9

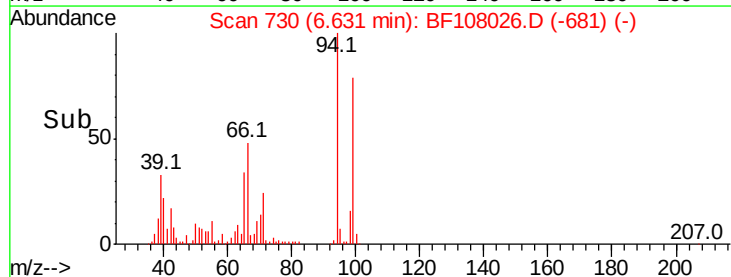
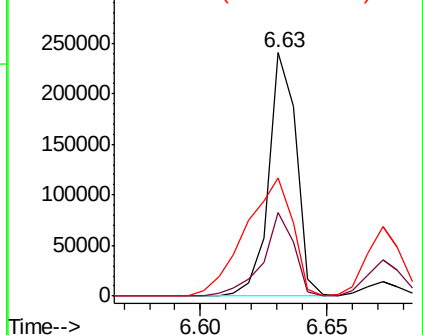
66 48.4 16.2 56.2



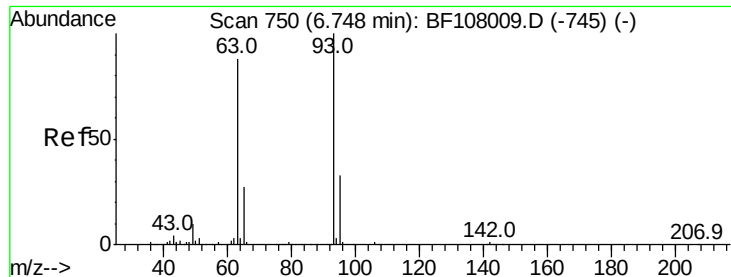
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







#11

bis(2-Chloroethyl)ether

Concen: 29.125 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampleId :

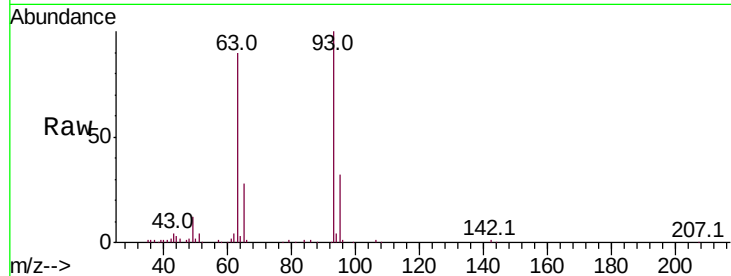
Tot Ion: 93 Resp: 150781

Ion Ratio Lower Upper

93 100

63 90.2 58.6 98.6

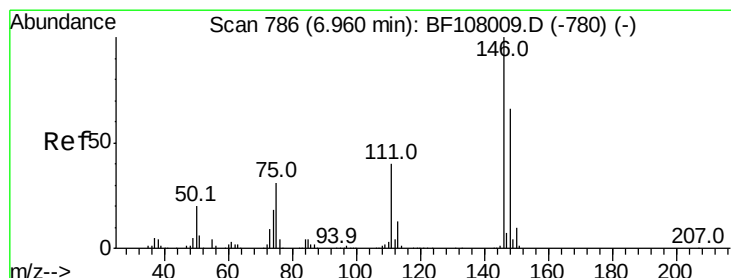
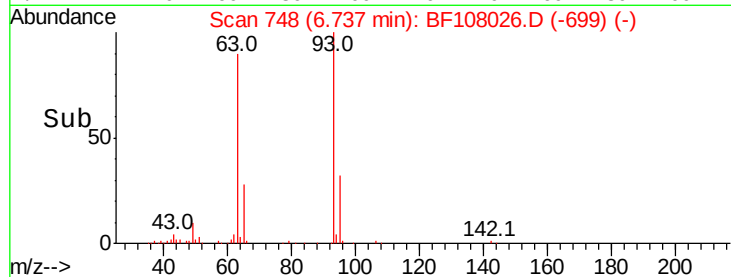
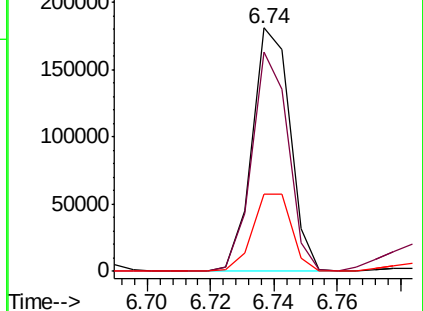
95 31.7 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 28.434 ng

RT: 6.95 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

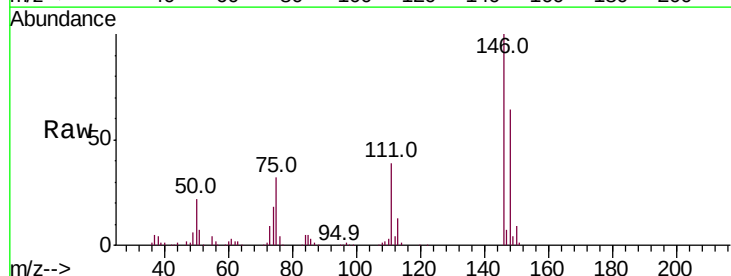
Tgt Ion: 146 Resp: 172508

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

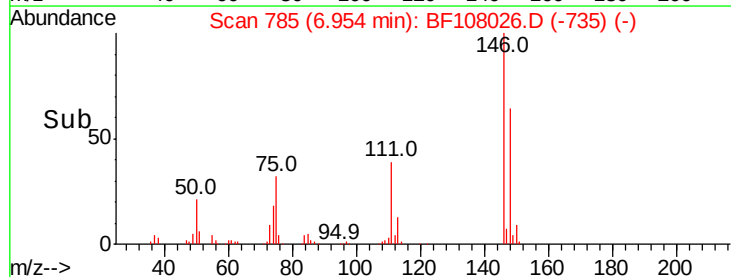
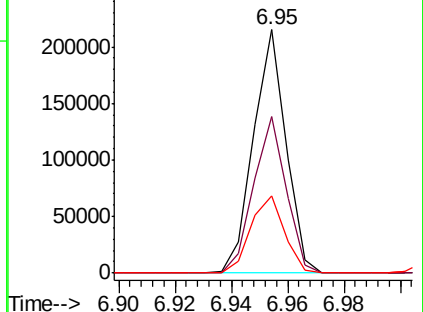
75 31.8 24.2 36.4

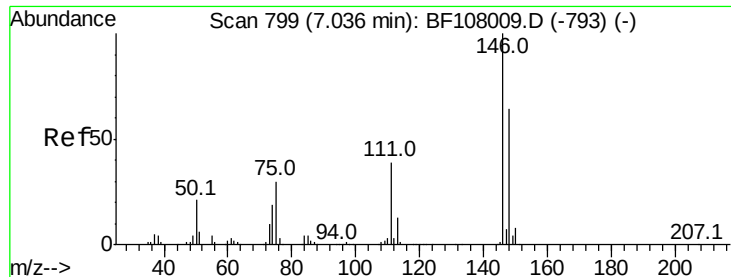


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

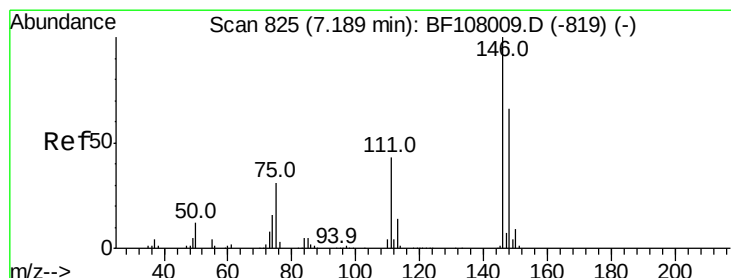
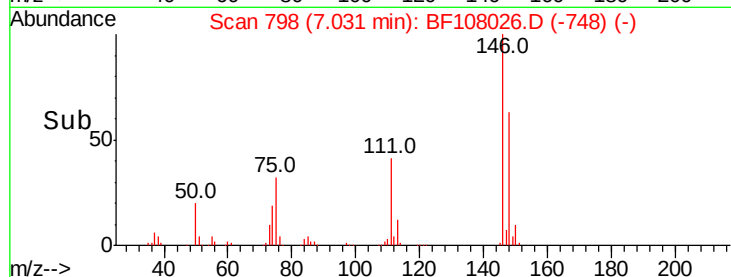
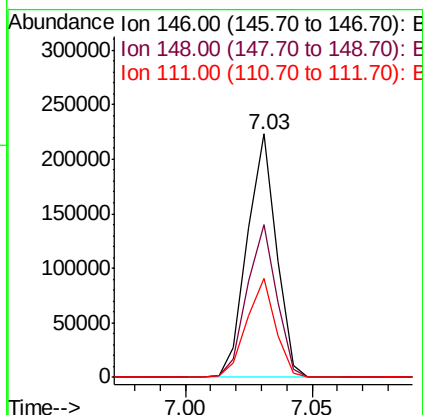
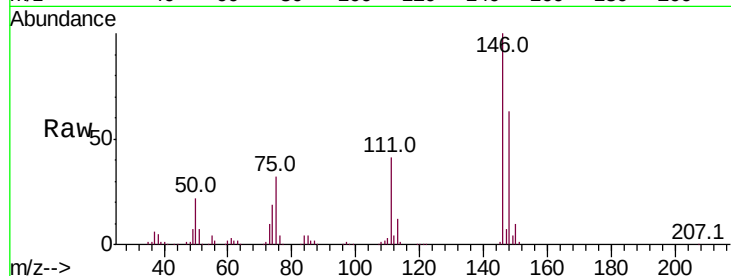




#13  
 1,4-Dichlorobenzene  
 Concen: 29.448 ng  
 RT: 7.03 min Scan# 798  
 Delta R.T. -0.01 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

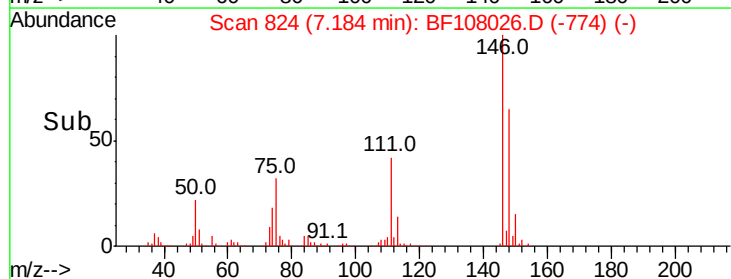
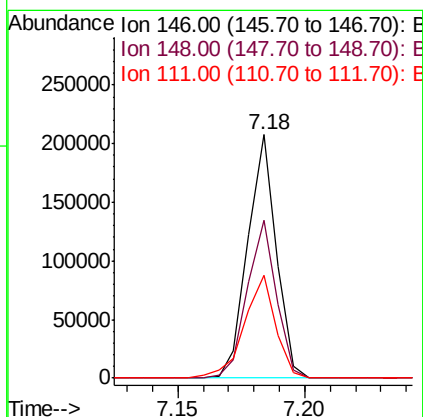
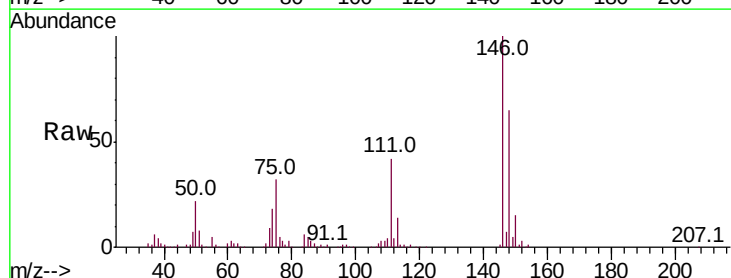
Instrument :  
 BNA\_F  
 ClientSampled :

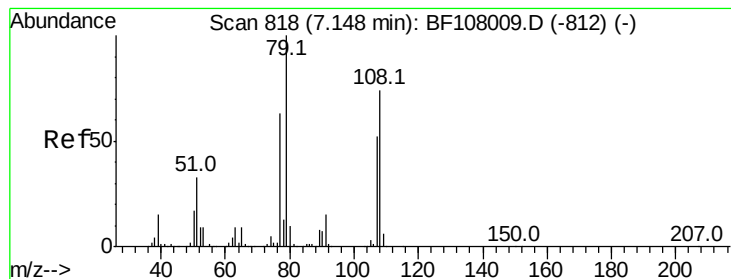
Tot Ion:146 Resp: 179503  
 Ion Ratio Lower Upper  
 146 100  
 148 62.6 50.8 76.2  
 111 40.8 34.2 51.2



#14  
 1,2-Dichlorobenzene  
 Concen: 28.653 ng  
 RT: 7.18 min Scan# 824  
 Delta R.T. -0.01 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

Tgt Ion:146 Resp: 162459  
 Ion Ratio Lower Upper  
 146 100  
 148 65.0 50.6 75.8  
 111 42.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 27.819 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampled :

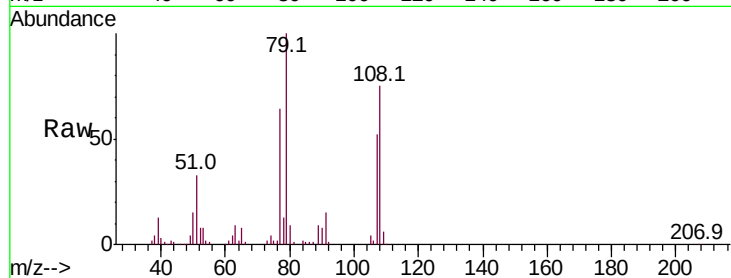
Tot Ion: 79 Resp: 144984

Ion Ratio Lower Upper

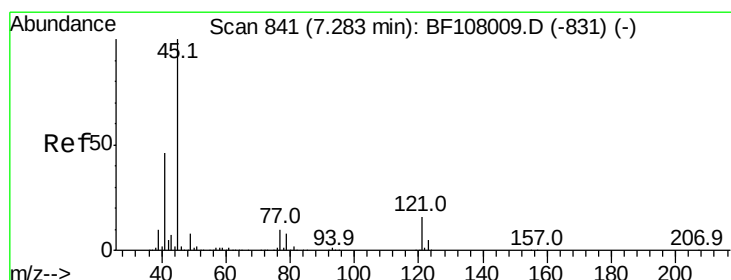
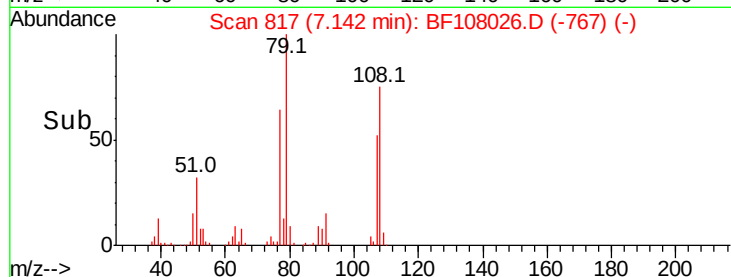
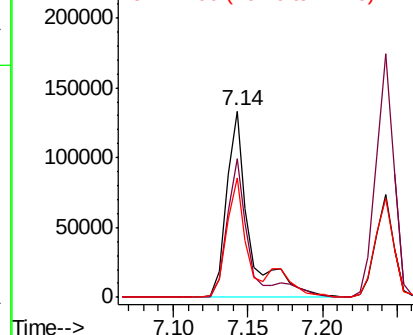
79 100

108 74.6 65.1 97.7

77 64.2 50.6 75.8



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: 28.365 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

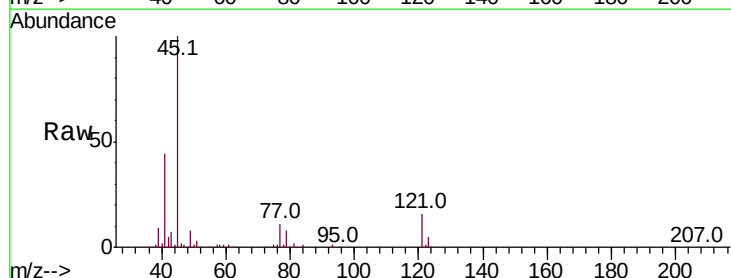
Tgt Ion: 45 Resp: 302515

Ion Ratio Lower Upper

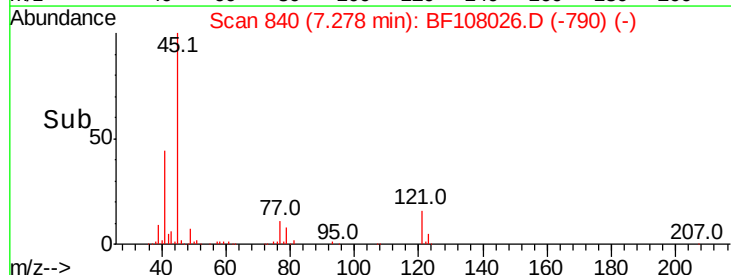
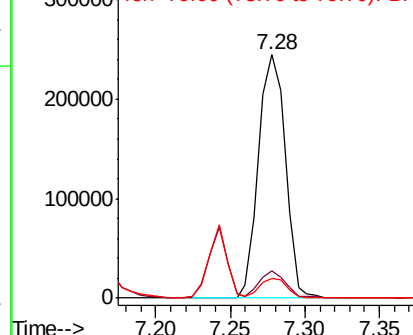
45 100

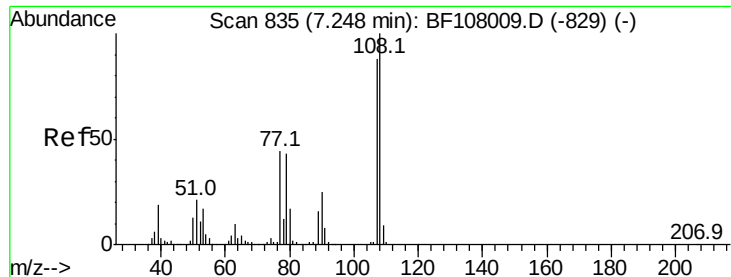
77 11.1 0.0 32.9

79 8.0 0.0 29.6



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: 28.674 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:107 Resp: 129022

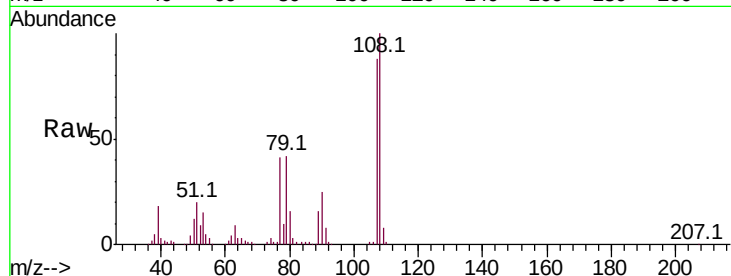
Ion Ratio Lower Upper

107 100

108 113.2 91.7 137.5

77 46.1 33.8 50.8

79 47.9 33.8 50.8

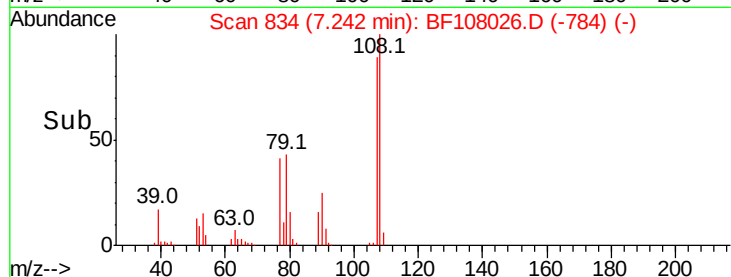


Abundance Ion 107.00 (106.70 to 107.70): E

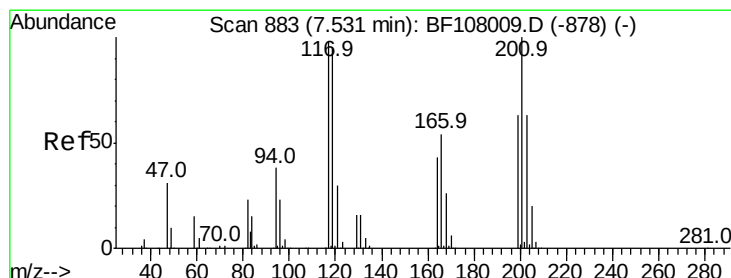
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 27.878 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

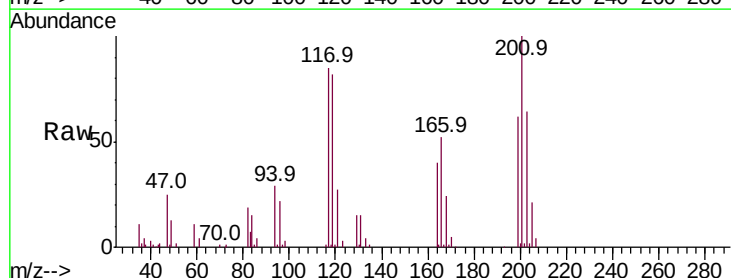
Tgt Ion:117 Resp: 60499

Ion Ratio Lower Upper

117 100

119 95.9 75.8 113.8

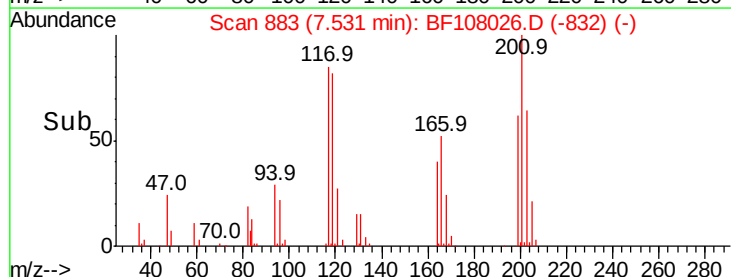
201 117.1 75.7 113.5#



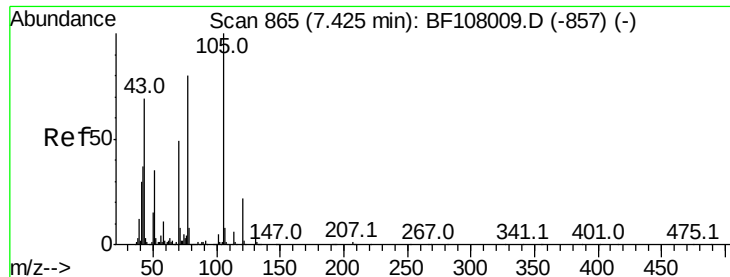
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



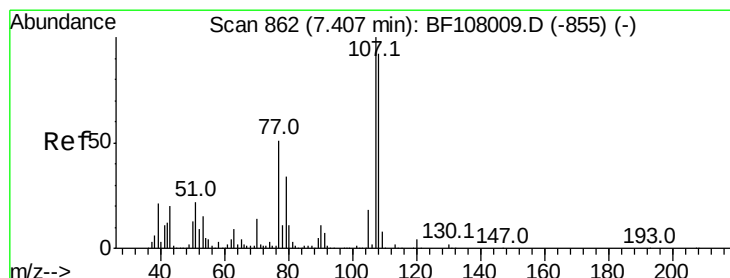
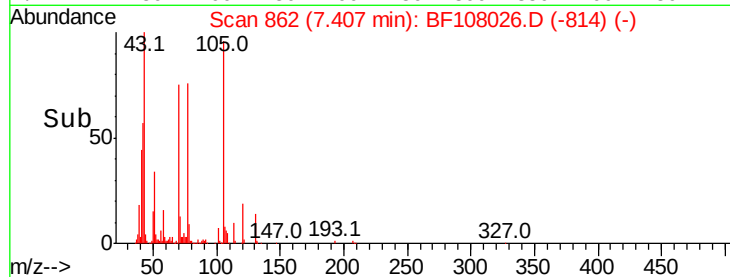
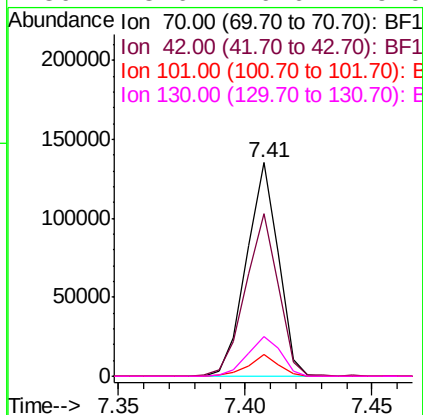
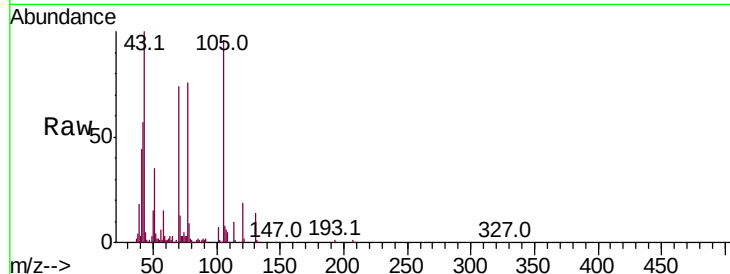
Time-->



#19  
n-Nitroso-di-n-propylamine  
Concen: 28.295 ng  
RT: 7.41 min Scan# 862  
Delta R.T. -0.02 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

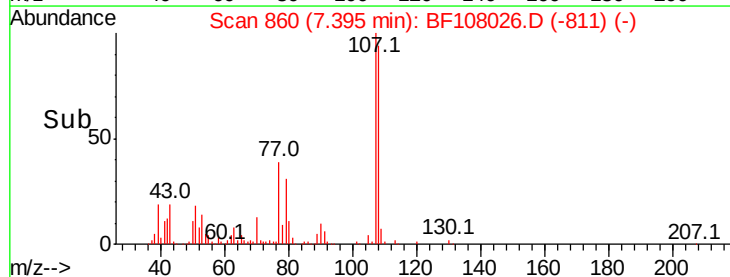
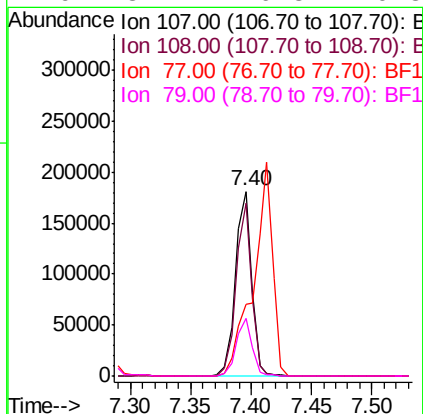
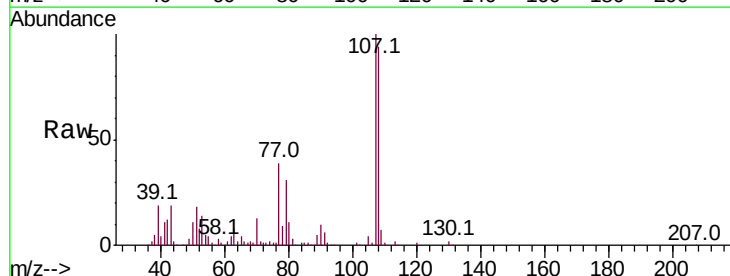
Instrument :  
BNA\_F  
ClientSampleId :

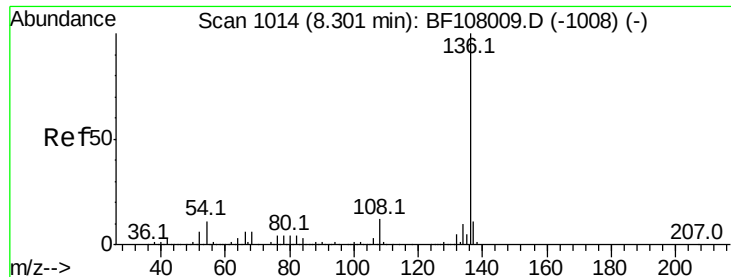
Tot Ion: 70 Resp: 118454  
Ion Ratio Lower Upper  
70 100  
42 76.2 47.5 71.3#  
101 10.0 7.4 11.2  
130 18.6 16.6 25.0



#20  
3+4-Methylphenols  
Concen: 29.495 ng  
RT: 7.40 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

Tgt Ion:107 Resp: 170070  
Ion Ratio Lower Upper  
107 100  
108 93.8 68.2 108.2  
77 38.5 26.7 66.7  
79 31.2 6.3 46.3

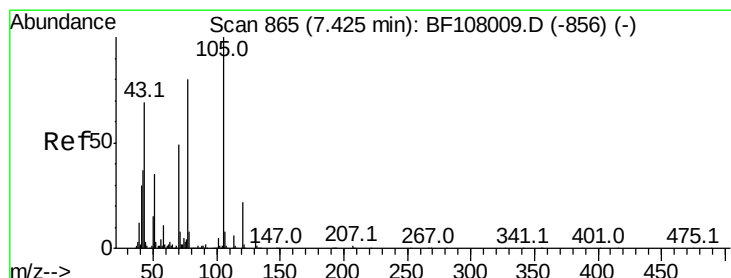
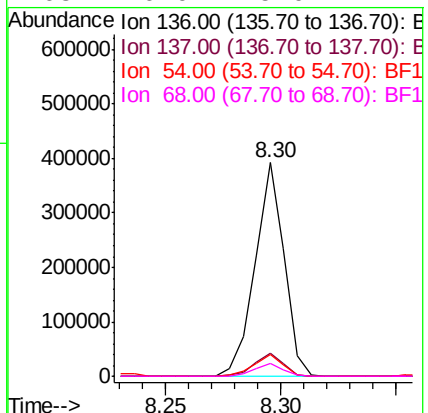
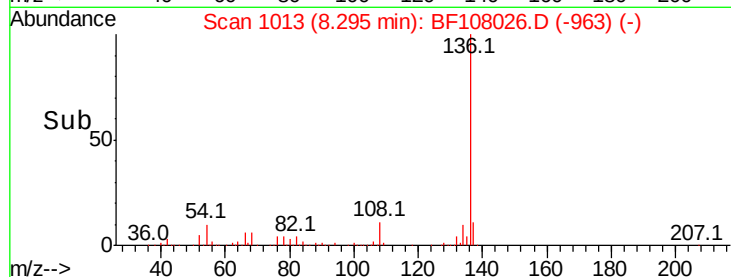
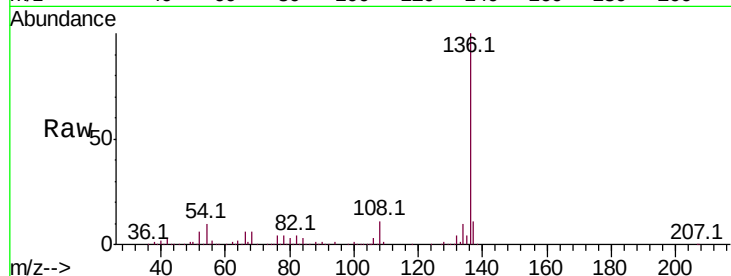




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.30 min Scan# 1013  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

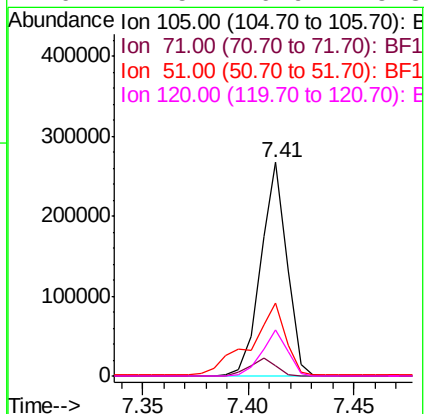
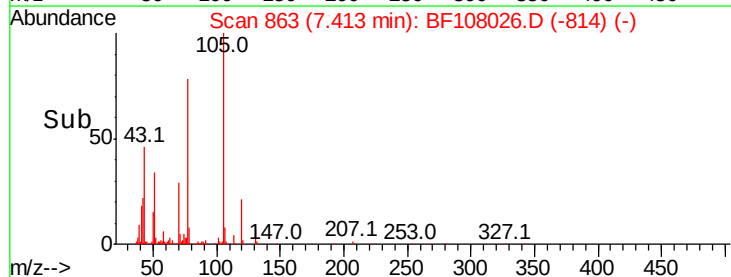
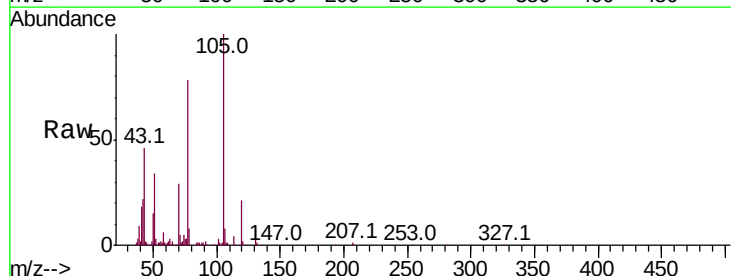
Instrument :  
BNA\_F  
ClientSampleId :

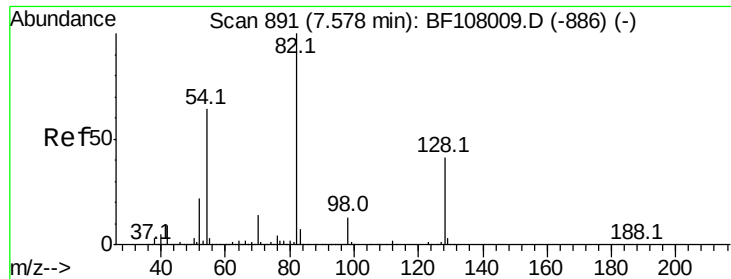
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 343643 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.9   | 13.3   |
| 54       | 10.2  | 6.6   | 9.8#   |
| 68       | 6.0   | 5.0   | 7.4    |



#22  
Acetophenone  
Concen: 28.429 ng  
RT: 7.41 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 228437 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 4.7   | 4.4   | 6.6    |
| 51       | 34.3  | 22.3  | 33.5#  |
| 120      | 21.5  | 16.9  | 25.3   |

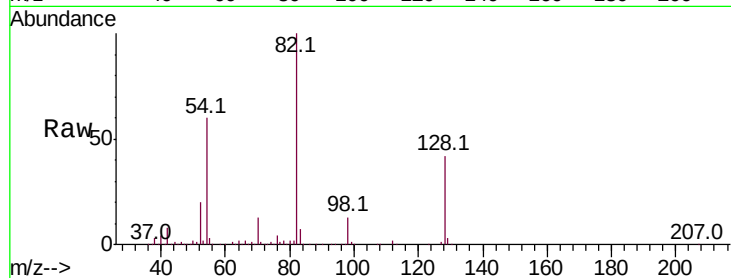




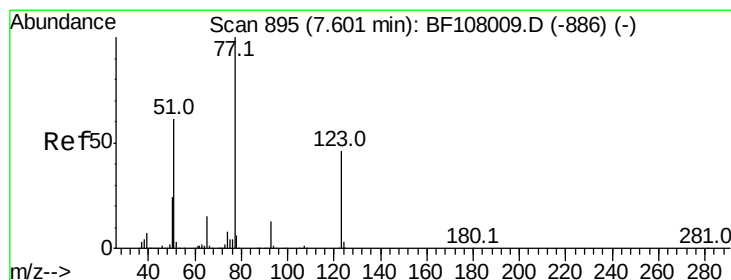
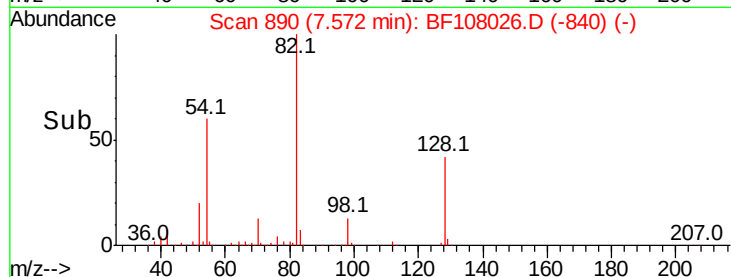
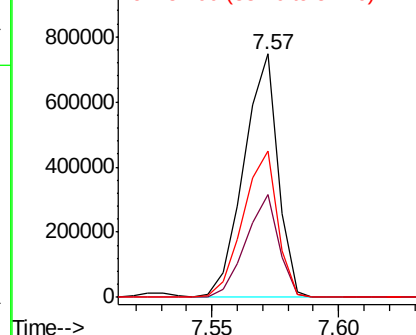
#23  
 Nitrobenzene-d5  
 Concen: 113.320 ng  
 RT: 7.57 min Scan# 890  
 Delta R.T. -0.01 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion   | 82    | Resp  | 697859 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 42.3  | 36.1  | 54.1   |
| 54        | 60.1  | 41.4  | 62.2   |

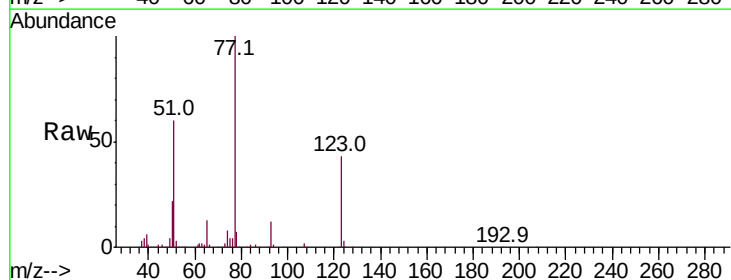


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

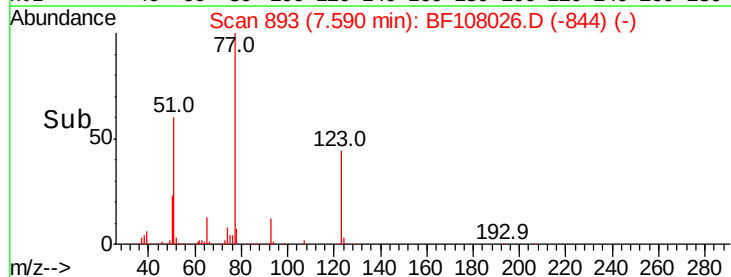
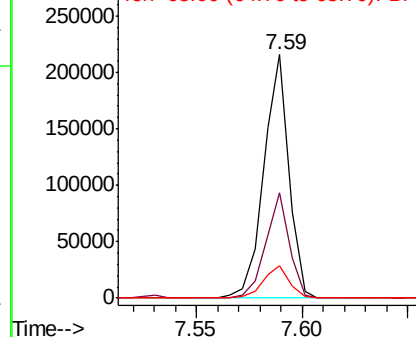


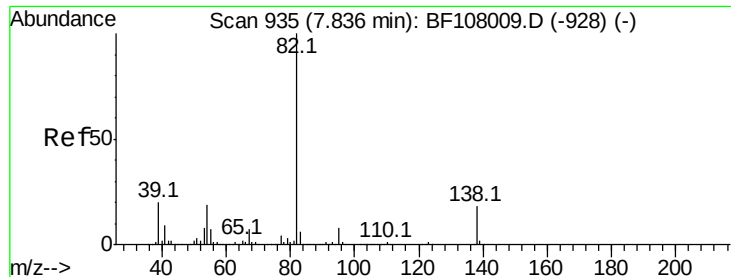
#24  
 Nitrobenzene  
 Concen: 28.606 ng  
 RT: 7.59 min Scan# 893  
 Delta R.T. -0.01 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

| Tgt Ion   | 77    | Resp  | 178138 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 43.4  | 37.9  | 56.9   |
| 65        | 13.2  | 11.0  | 16.4   |



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: 26.874 ng

RT: 7.82 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampleId :

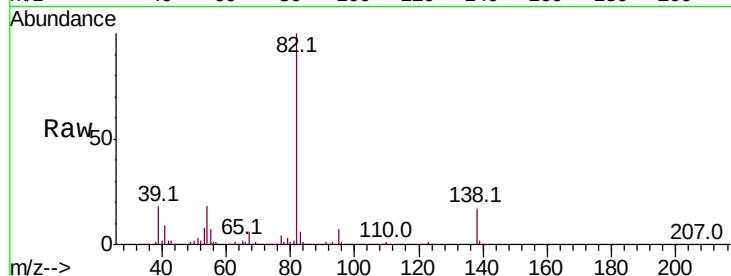
Tot Ion: 82 Resp: 315450

Ion Ratio Lower Upper

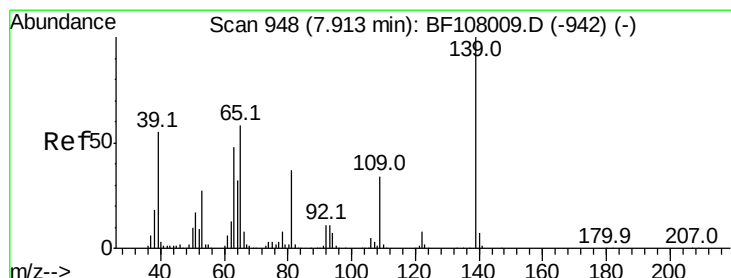
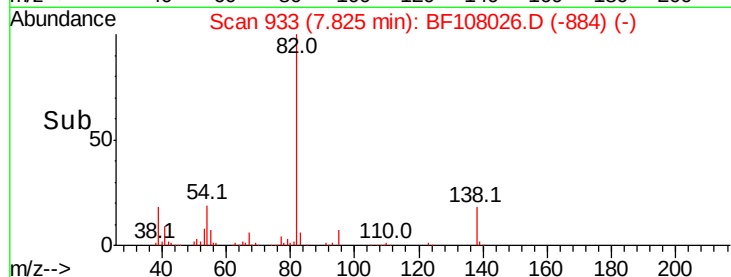
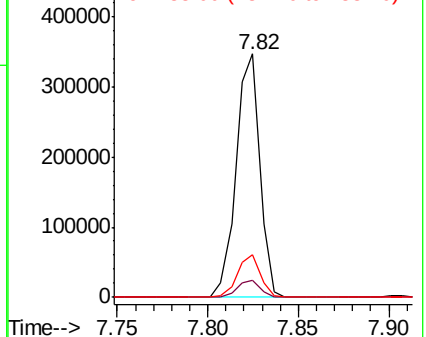
82 100

95 7.0 5.2 7.8

138 17.4 14.9 22.3



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



#26

2-Nitrophenol

Concen: 23.068 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

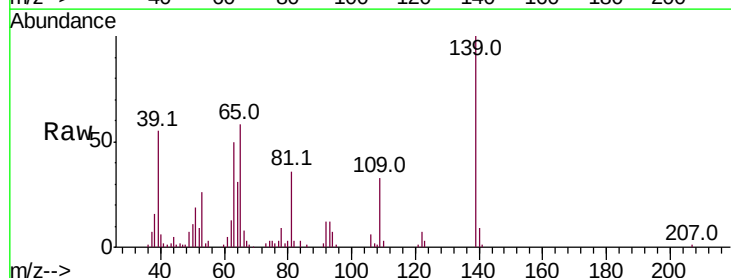
Tgt Ion: 139 Resp: 54250

Ion Ratio Lower Upper

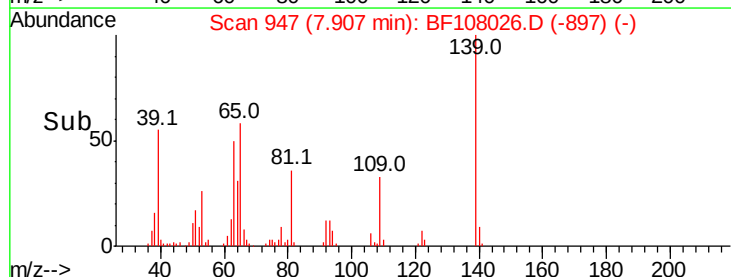
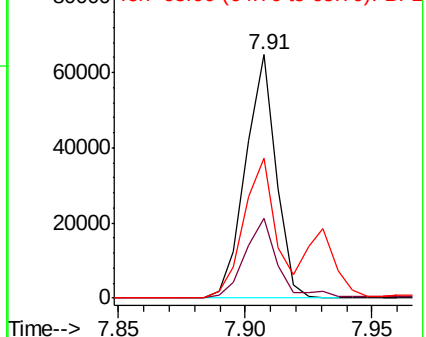
139 100

109 32.6 22.7 34.1

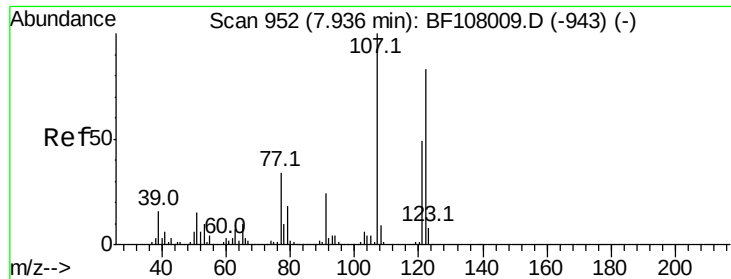
65 57.7 40.5 60.7



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







#27

2,4-Dimethylphenol

Concen: 28.564 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampled :

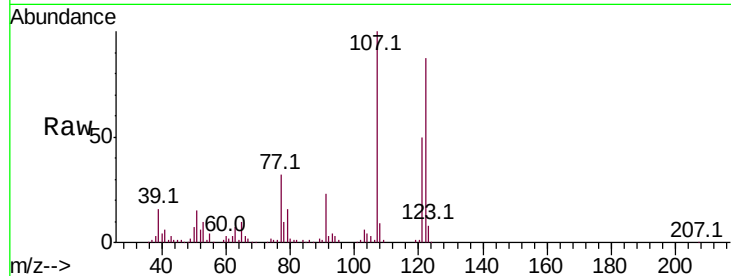
Tot Ion:122 Resp: 148810

Ion Ratio Lower Upper

122 100

107 114.8 91.2 136.8

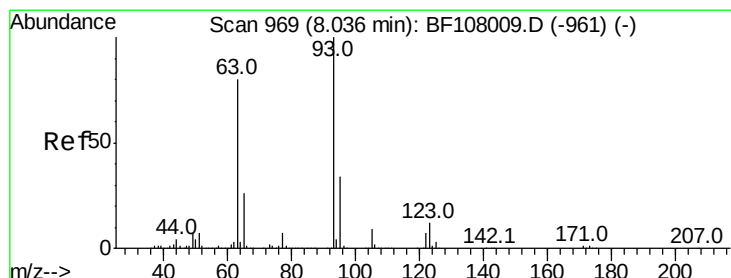
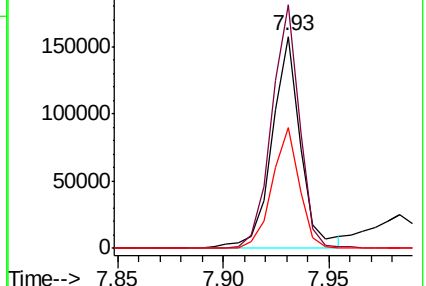
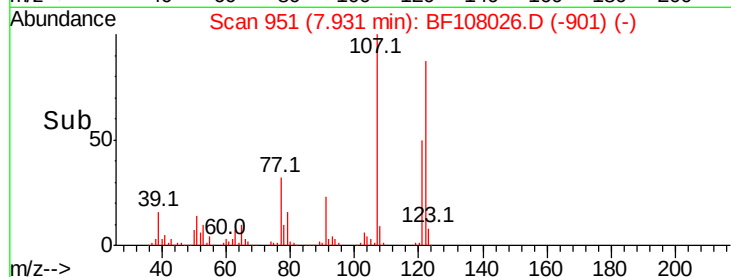
121 56.9 47.2 70.8



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: 27.983 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

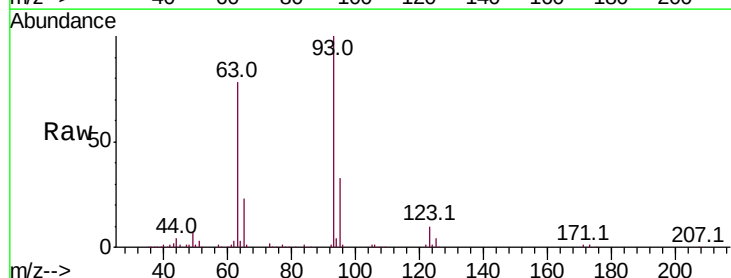
Tgt Ion: 93 Resp: 191749

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

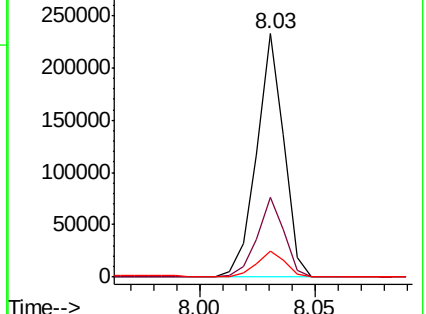
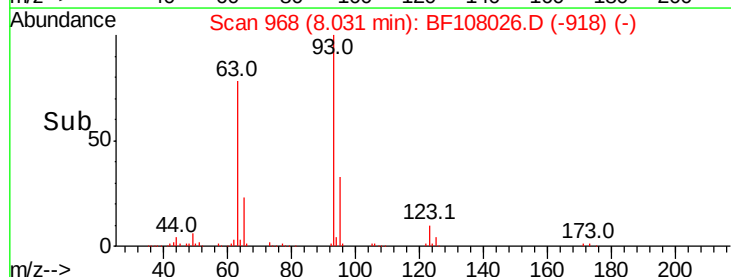
123 10.5 9.8 14.6

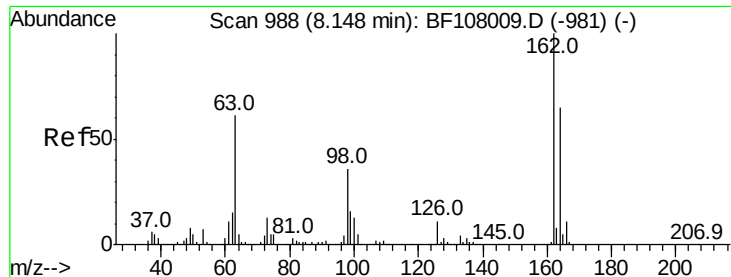


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

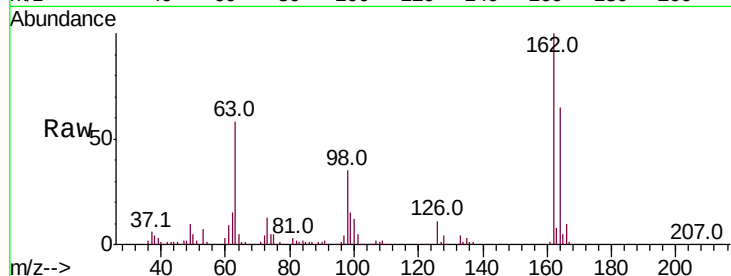




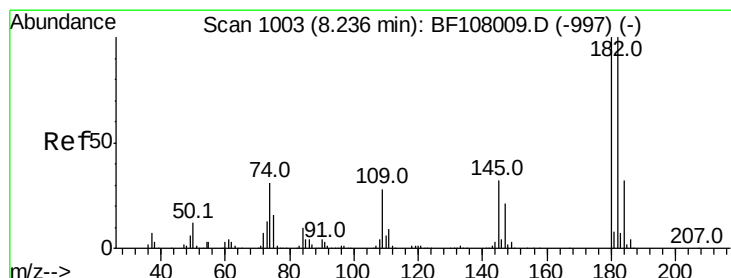
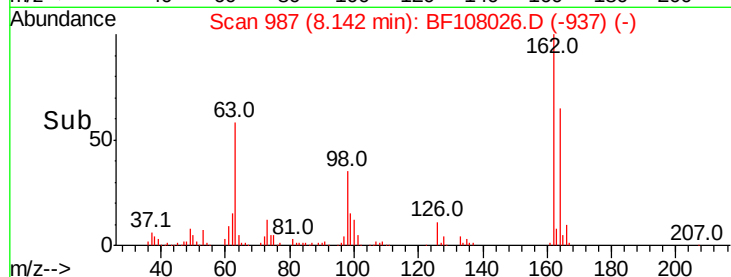
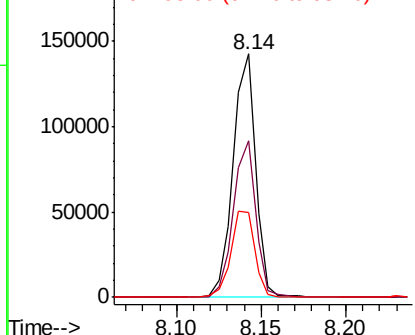
#29  
2,4-Dichlorophenol  
Concen: 27.609 ng  
RT: 8.14 min Scan# 987  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:162 Resp: 132363  
Ion Ratio Lower Upper  
162 100  
164 64.5 42.7 82.7  
98 34.8 18.1 58.1

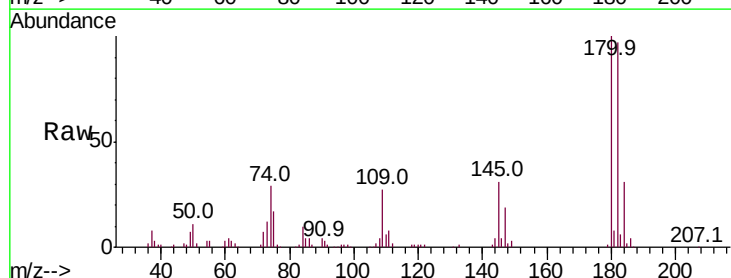


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

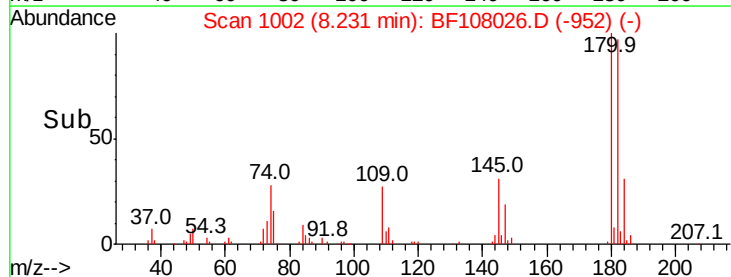
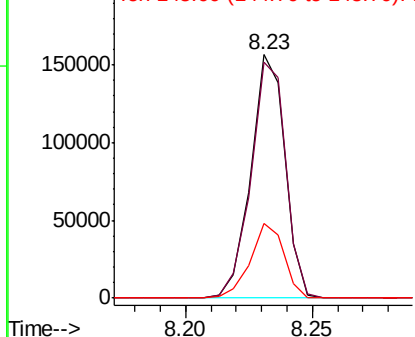


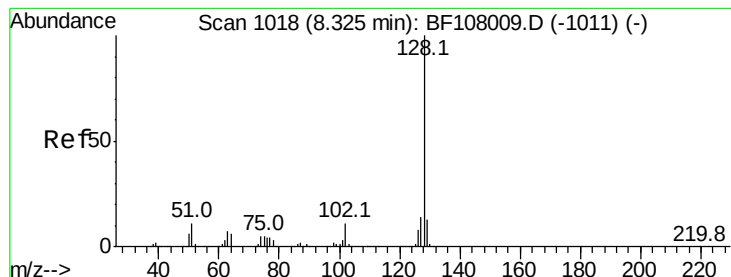
#30  
1,2,4-Trichlorobenzene  
Concen: 27.817 ng  
RT: 8.23 min Scan# 1002  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

Tgt Ion:180 Resp: 147037  
Ion Ratio Lower Upper  
180 100  
182 96.6 76.8 115.2  
145 30.9 26.5 39.7



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: 29.603 ng

RT: 8.32 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampleId :

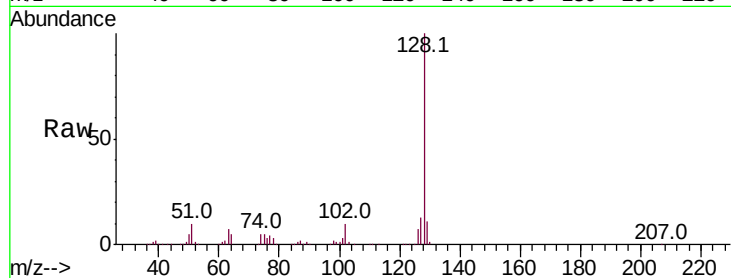
Tot Ion:128 Resp: 462645

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

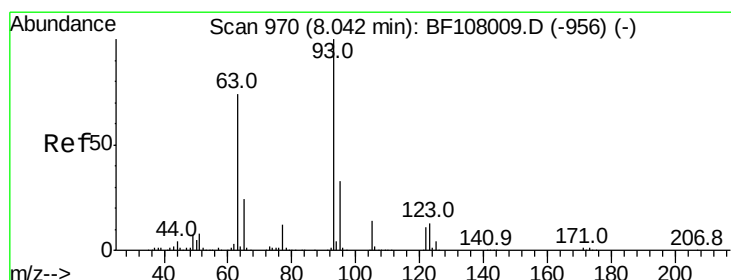
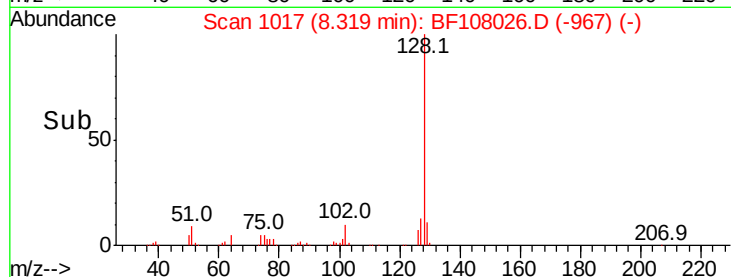
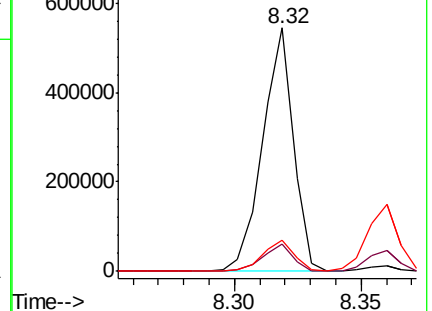
127 12.9 10.9 16.3



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: 17.449 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.06 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

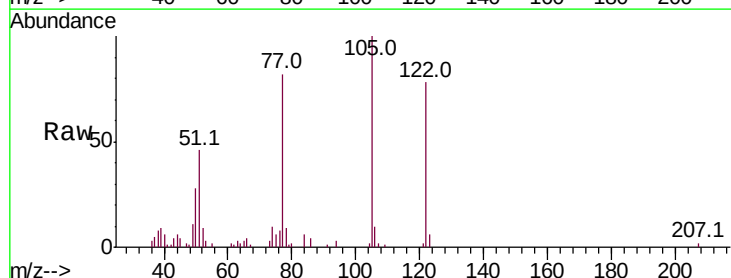
Tgt Ion:122 Resp: 39622

Ion Ratio Lower Upper

122 100

105 128.0 101.1 141.1

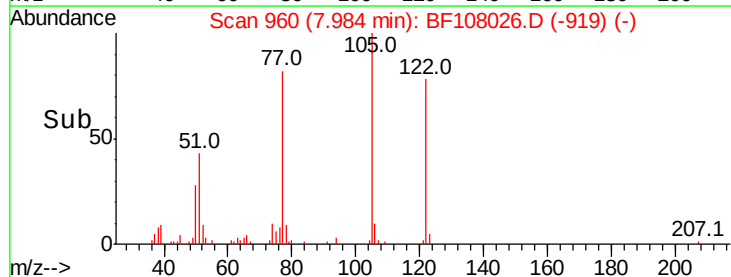
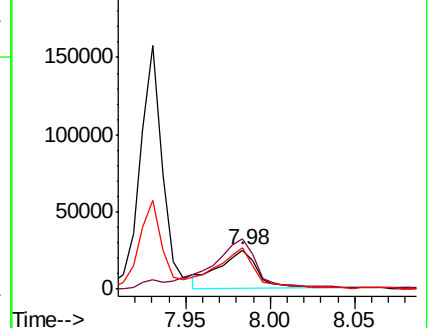
77 105.2 70.7 110.7

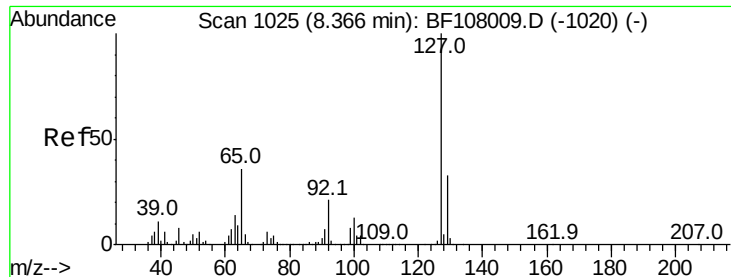


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

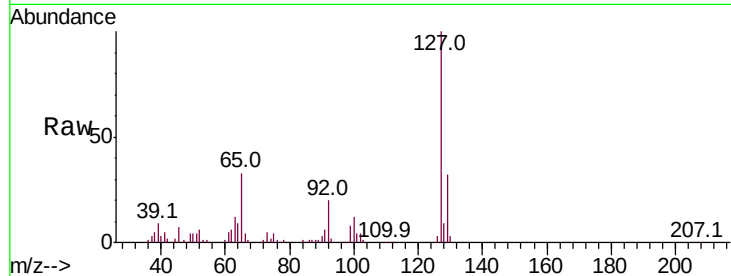




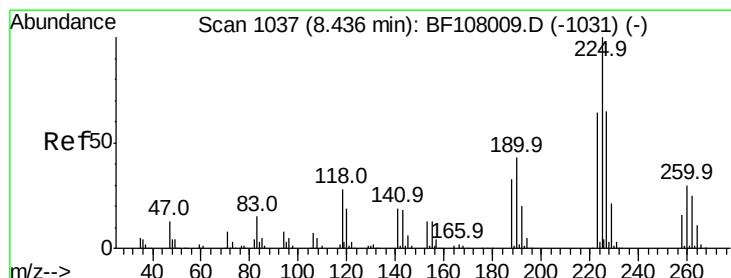
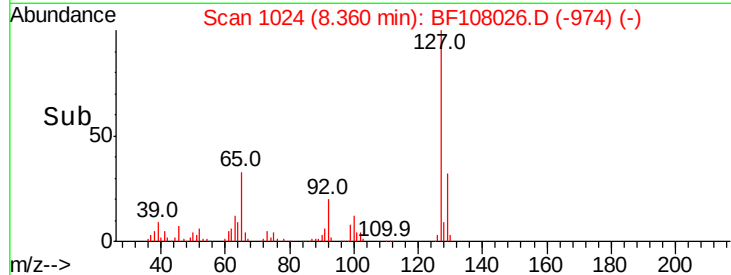
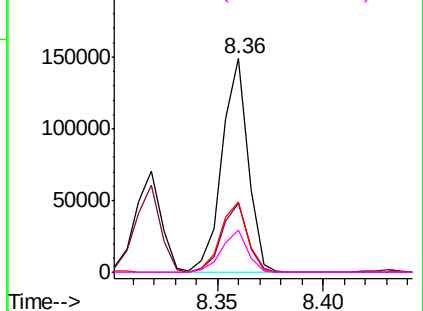
#33  
4-Chloroaniline  
Concen: 18.586 ng  
RT: 8.36 min Scan# 1024  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 126580 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 25.9  | 38.9   |
| 65       | 32.8  | 25.0  | 37.4   |
| 92       | 19.6  | 15.2  | 22.8   |

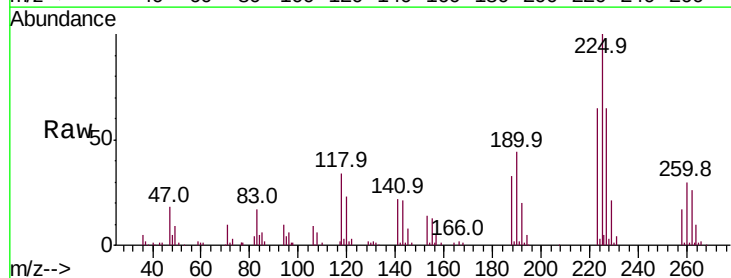


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

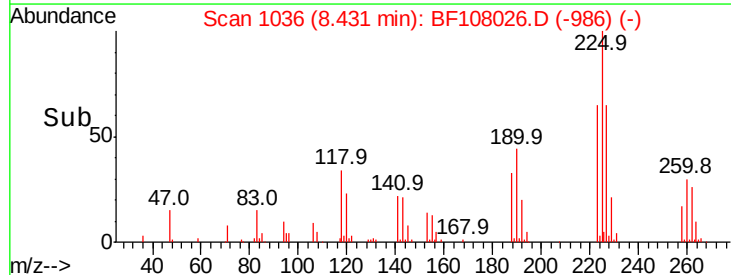
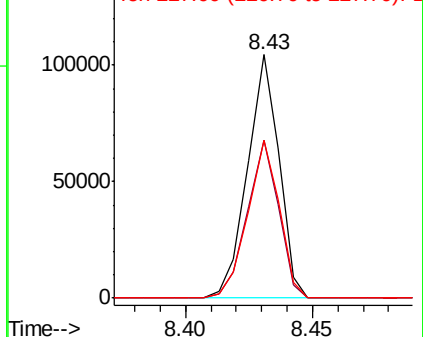


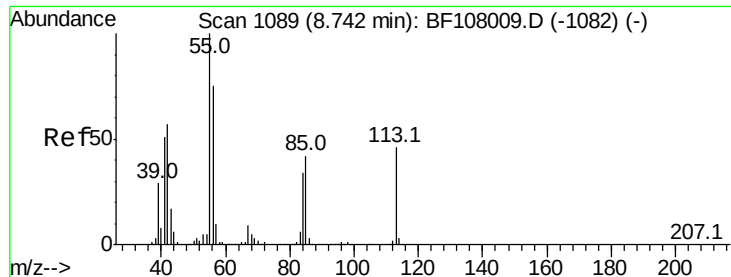
#34  
Hexachlorobutadiene  
Concen: 27.105 ng  
RT: 8.43 min Scan# 1036  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 90701 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 65.1  | 50.6  | 76.0  |
| 227      | 65.0  | 51.9  | 77.9  |



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





#35

Caprolactam

Concen: 25.665 ng

RT: 8.70 min Scan# 1081

Delta R.T. -0.05 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampled :

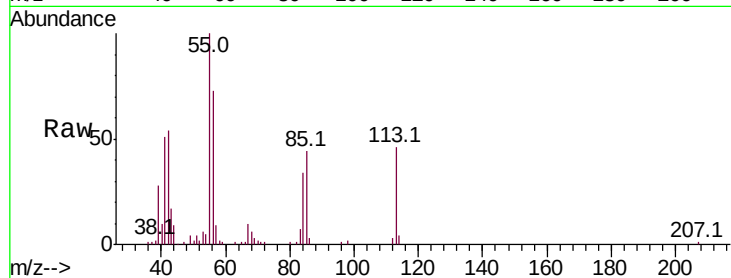
Tot Ion:113 Resp: 38560

Ion Ratio Lower Upper

113 100

55 215.7 163.3 203.3#

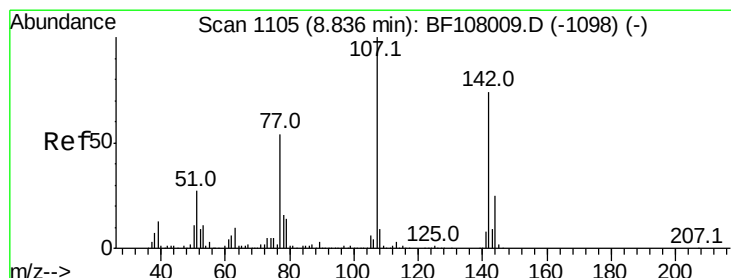
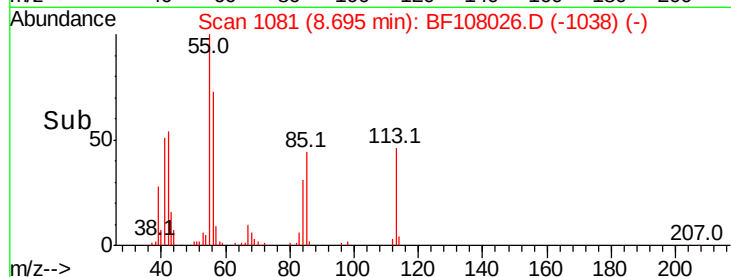
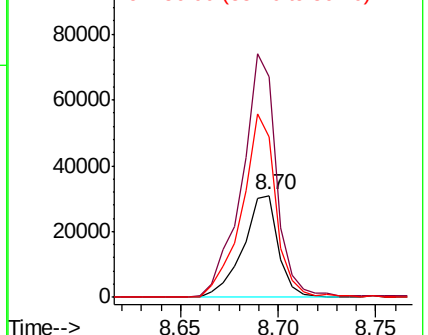
56 157.1 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 27.963 ng

RT: 8.82 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

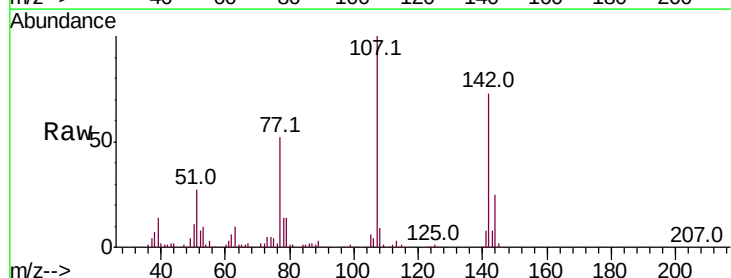
Tgt Ion:107 Resp: 144626

Ion Ratio Lower Upper

107 100

144 24.6 20.5 30.7

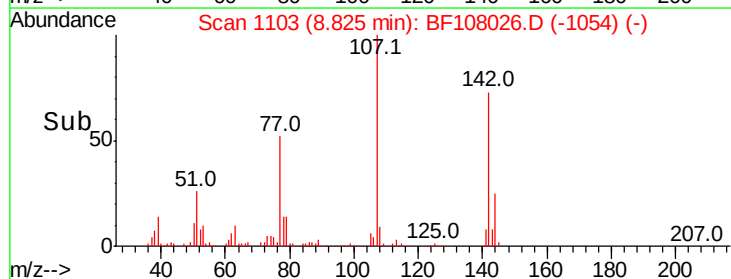
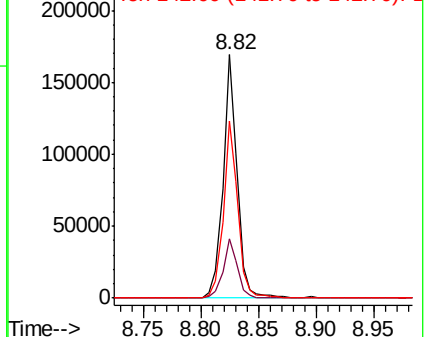
142 72.6 62.0 93.0

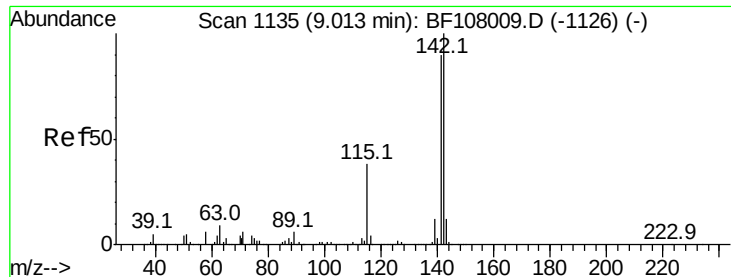


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 28.979 ng

RT: 9.01 min Scan# 1134

Delta R.T. -0.01 min

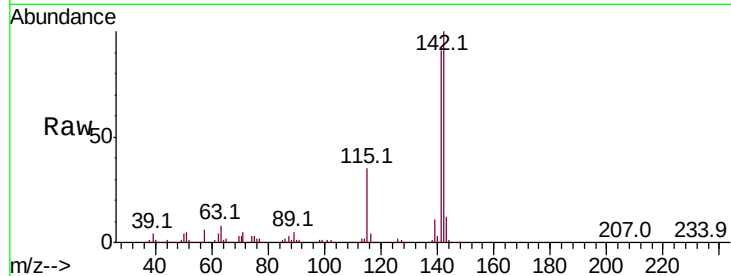
Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:142 Resp: 320419

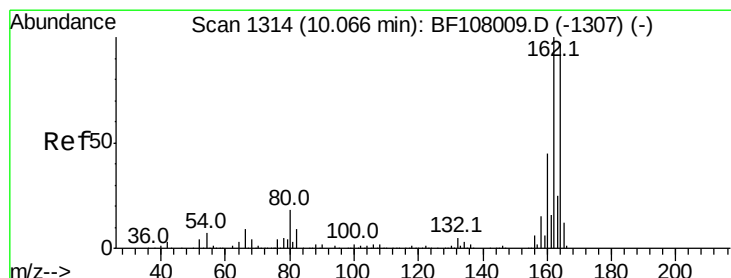
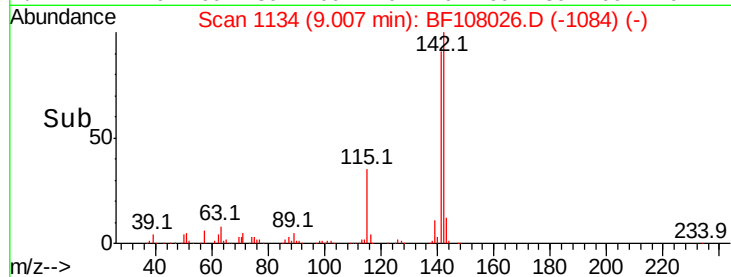
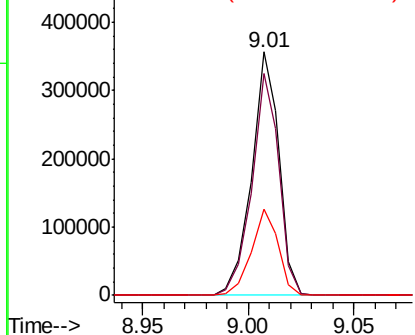
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 91.1  | 70.8  | 106.2 |
| 115 | 35.4  | 26.1  | 39.1  |



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.06 min Scan# 1313

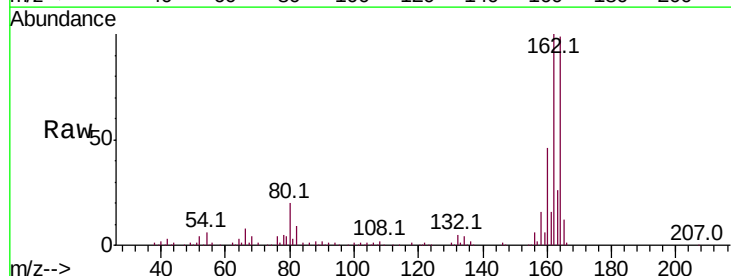
Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Tgt Ion:164 Resp: 181718

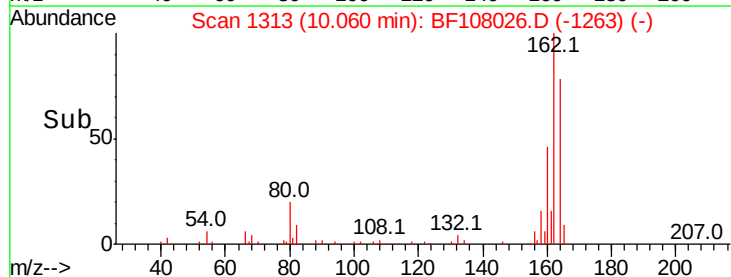
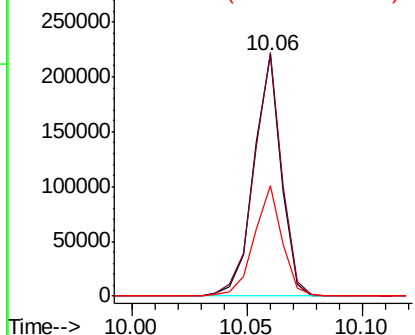
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.2 | 86.1  | 129.1 |
| 160 | 46.2  | 38.3  | 57.5  |

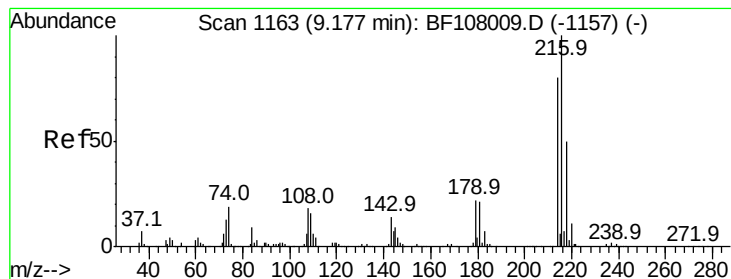


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.750 ng

RT: 9.17 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampled :

Tot Ion:216 Resp: 160433

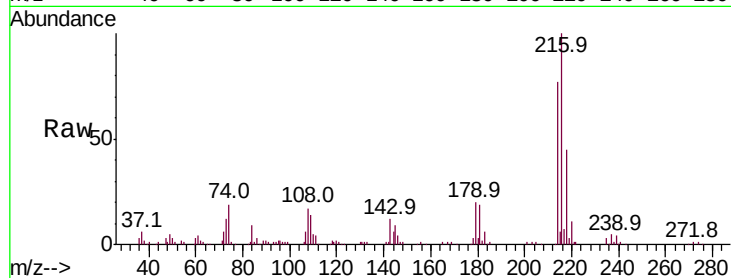
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 20.6 18.1 27.1

108 18.8 17.2 25.8

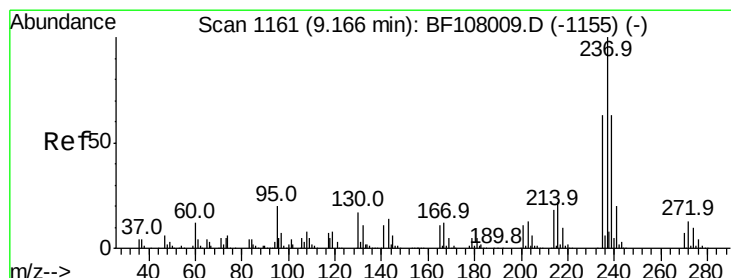
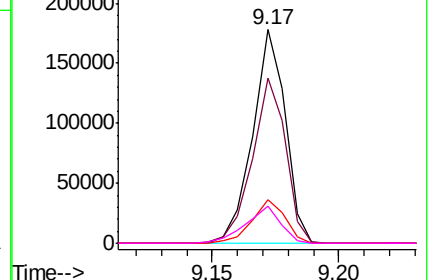
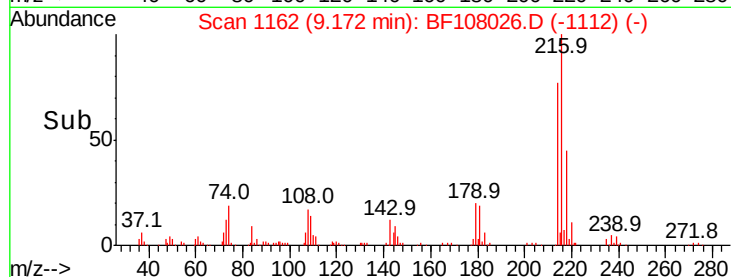


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 25.499 ng

RT: 9.16 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

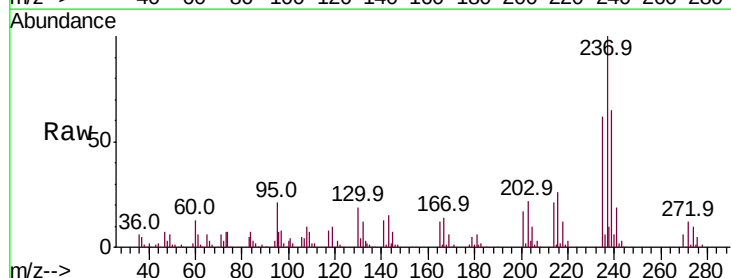
Tgt Ion:237 Resp: 91909

Ion Ratio Lower Upper

237 100

235 62.3 44.8 84.8

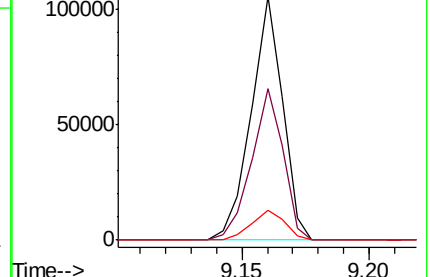
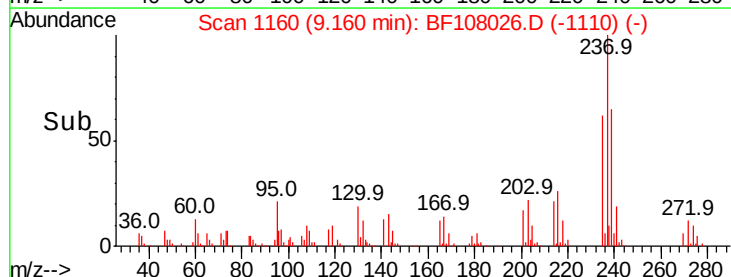
272 12.0 0.0 33.3

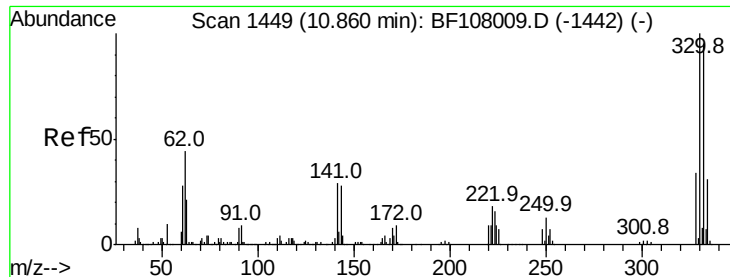


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

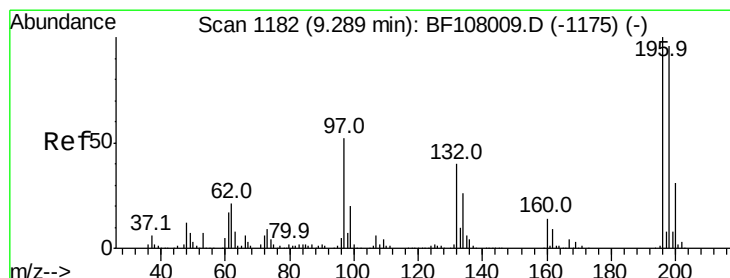
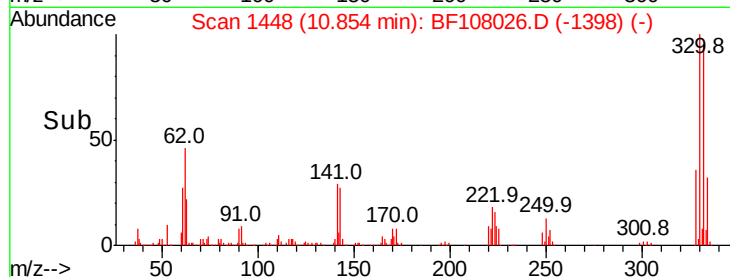
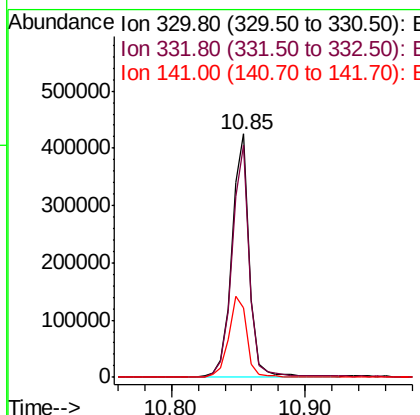
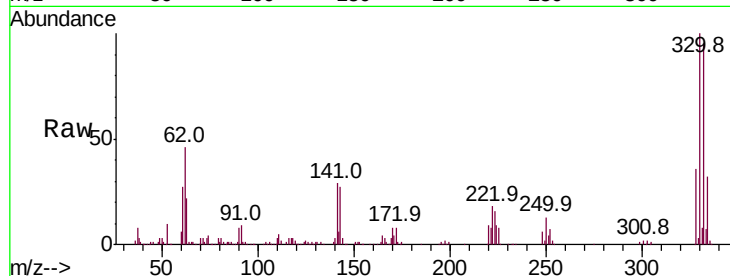




#41  
 2,4,6-Tribromophenol  
 Concen: 218.823 ng  
 RT: 10.85 min Scan# 1448  
 Delta R.T. -0.01 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

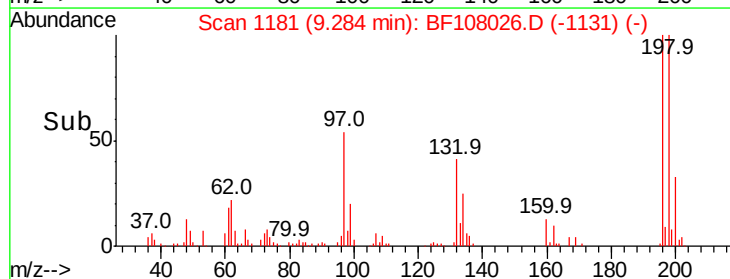
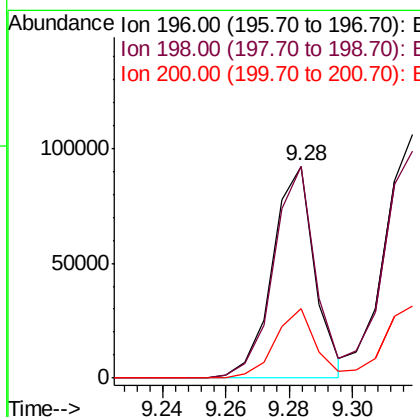
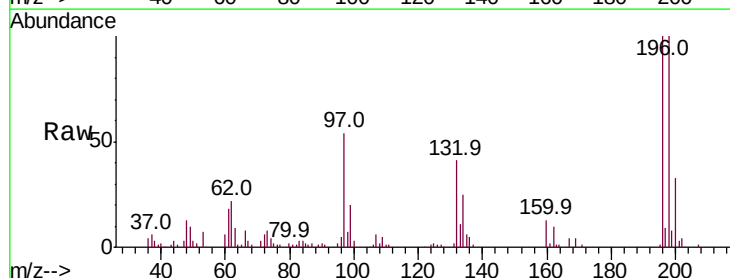
Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.4  | 77.0  | 115.6 |
| 141     | 34.8  | 29.9  | 44.9  |

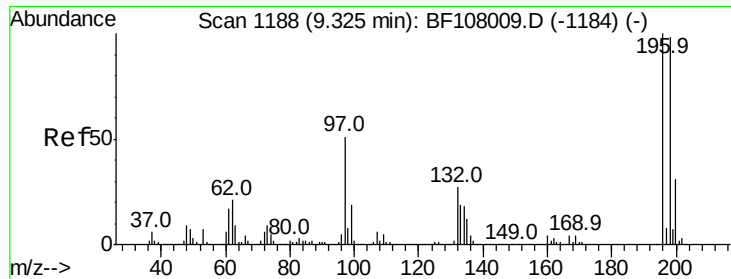


#42  
 2,4,6-Trichlorophenol  
 Concen: 24.829 ng  
 RT: 9.28 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 99.6  | 75.7  | 113.5 |
| 200     | 32.8  | 24.5  | 36.7  |



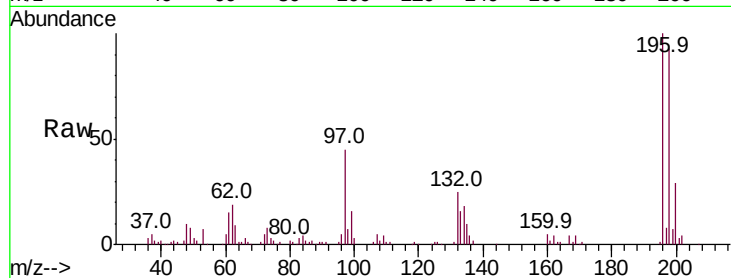




#43  
 2,4,5-Trichlorophenol  
 Concen: 28.584 ng  
 RT: 9.32 min Scan# 1187  
 Delta R.T. -0.01 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.3  | 74.6  | 112.0 |
| 97      | 45.4  | 42.9  | 64.3  |
| 132     | 24.7  | 26.3  | 39.5  |



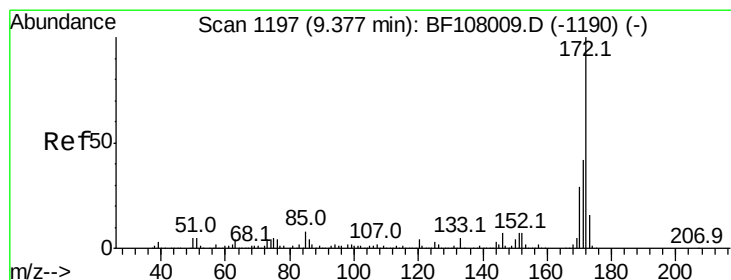
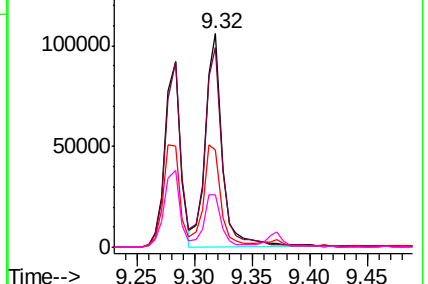
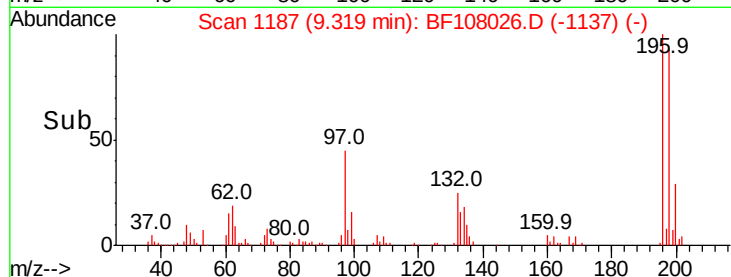
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

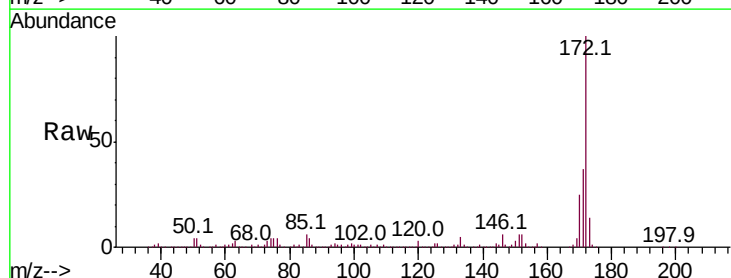
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 124.491 ng  
 RT: 9.37 min Scan# 1196  
 Delta R.T. -0.01 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.9  | 29.7  | 44.5  |
| 170     | 25.0  | 19.6  | 29.4  |

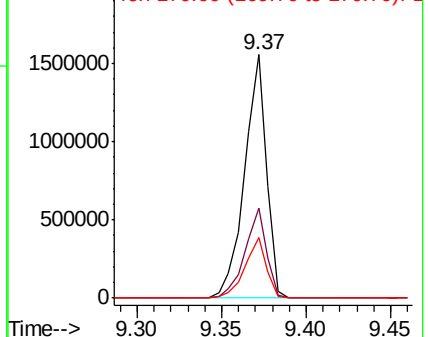
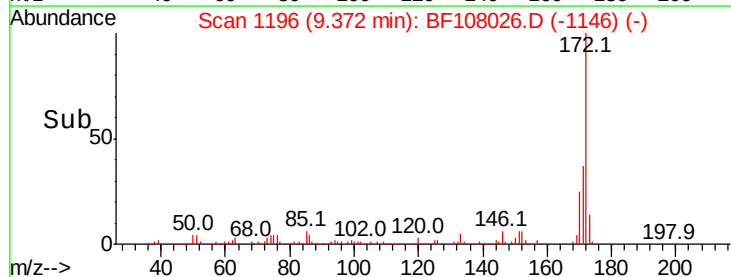


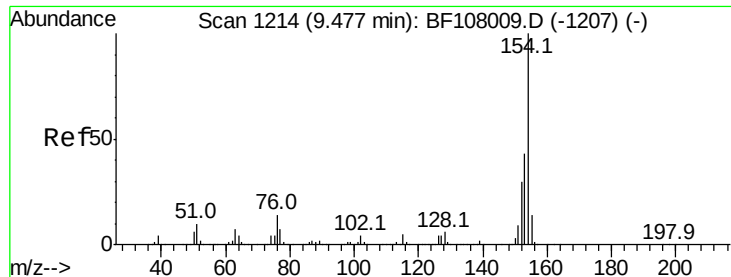
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 29.919 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampleId :

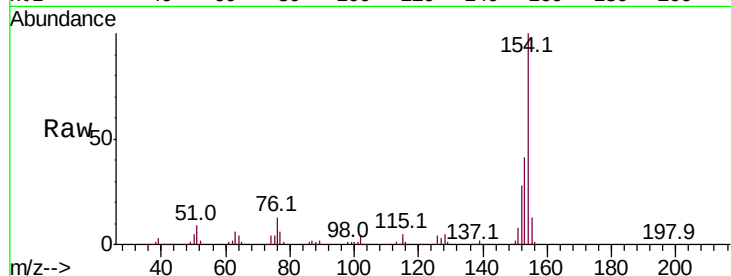
Tot Ion:154 Resp: 400850

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

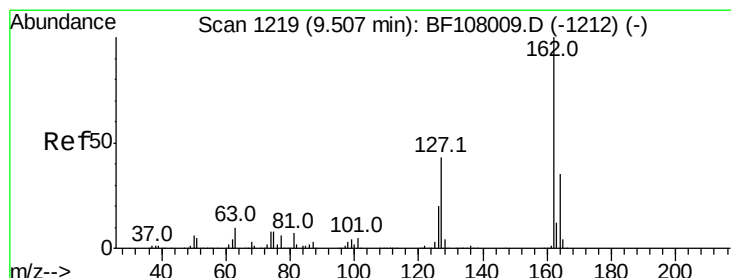
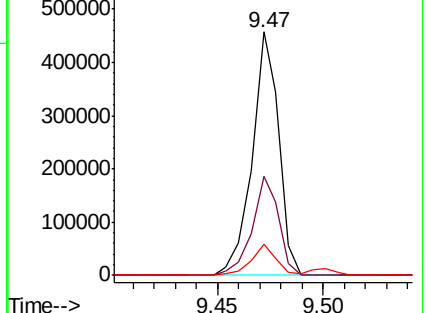
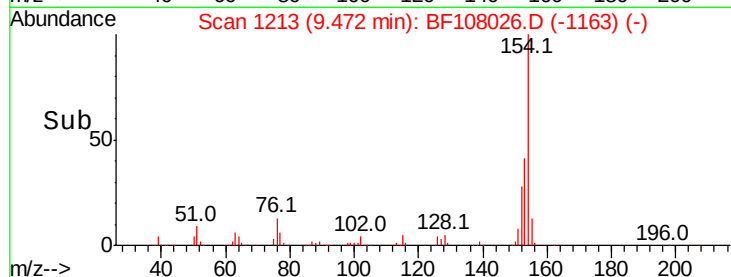
76 12.9 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 29.706 ng

RT: 9.50 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

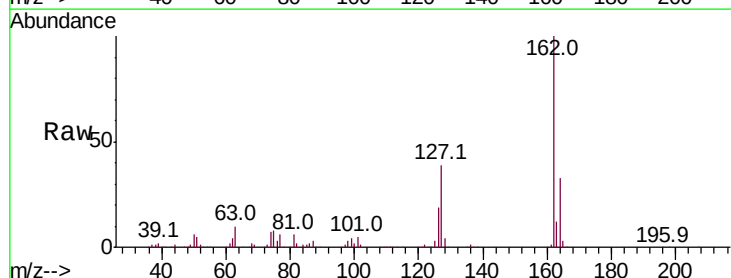
Tgt Ion:162 Resp: 314572

Ion Ratio Lower Upper

162 100

127 38.7 33.9 50.9

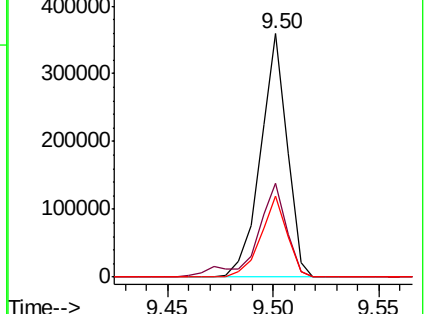
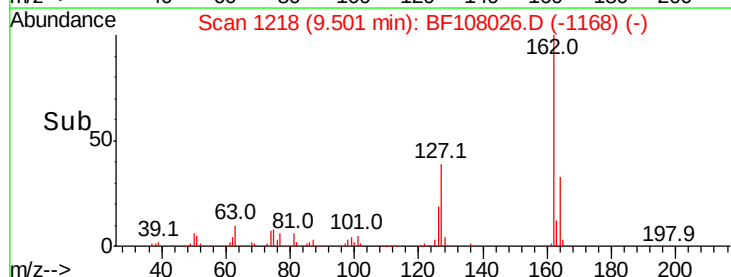
164 33.3 26.5 39.7

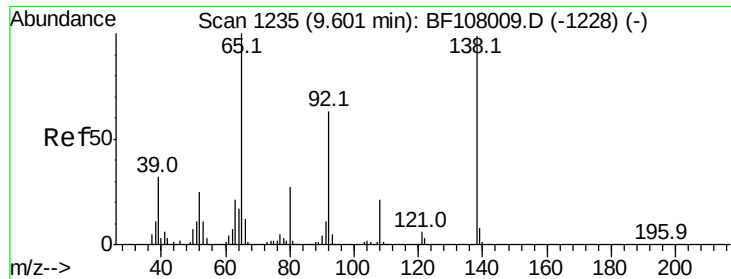


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 27.520 ng

RT: 9.59 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampled :

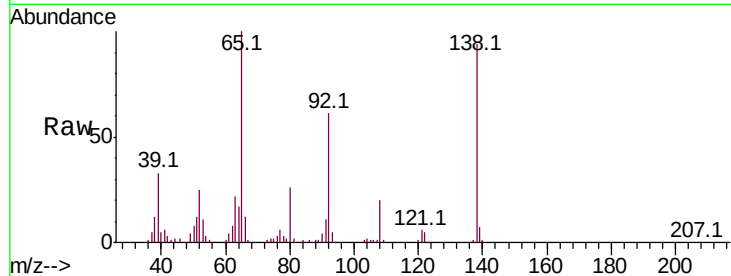
Tot Ion: 65 Resp: 94291

Ion Ratio Lower Upper

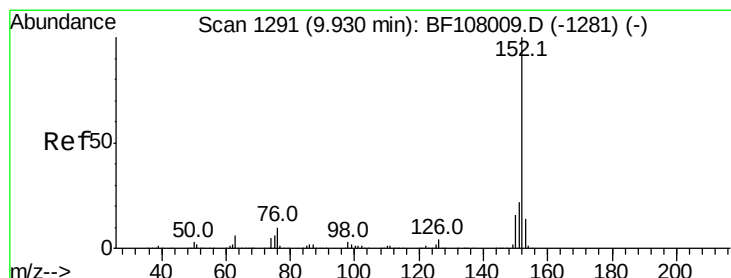
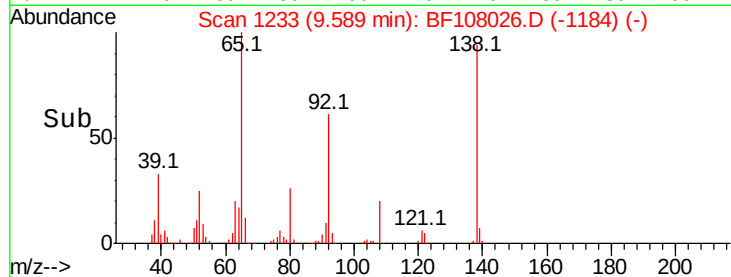
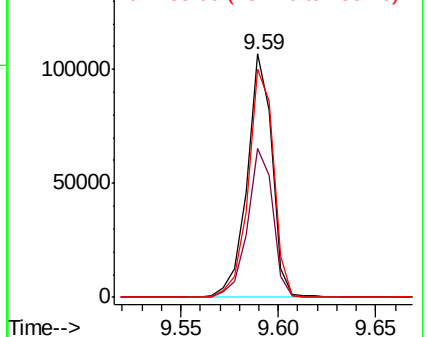
65 100

92 61.3 55.8 83.6

138 93.7 91.2 136.8



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): BF1



#48

Acenaphthylene

Concen: 30.324 ng

RT: 9.92 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

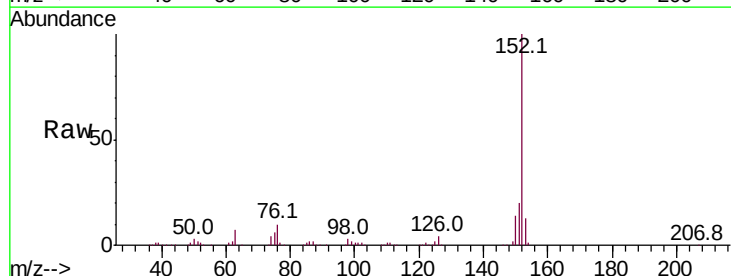
Tgt Ion:152 Resp: 507654

Ion Ratio Lower Upper

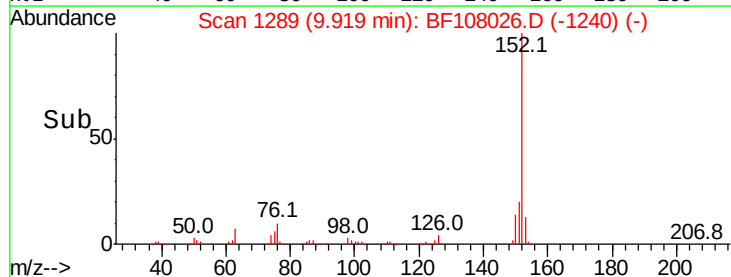
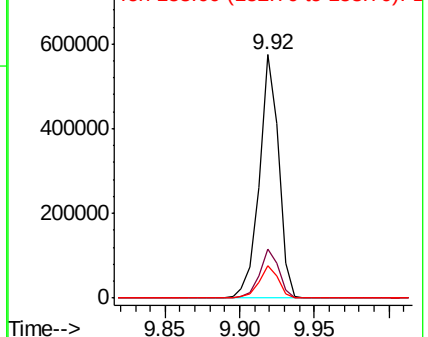
152 100

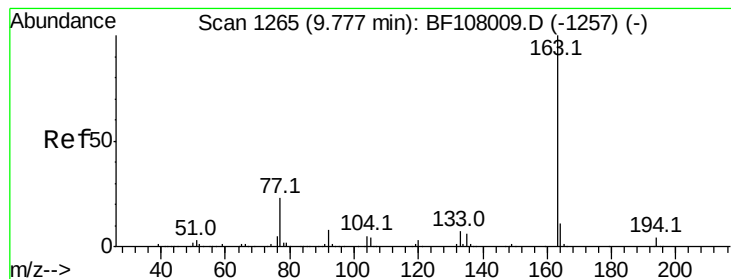
151 20.0 16.3 24.5

153 13.1 10.7 16.1



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





#49

Dimethylphthalate

Concen: 29.586 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampleId :

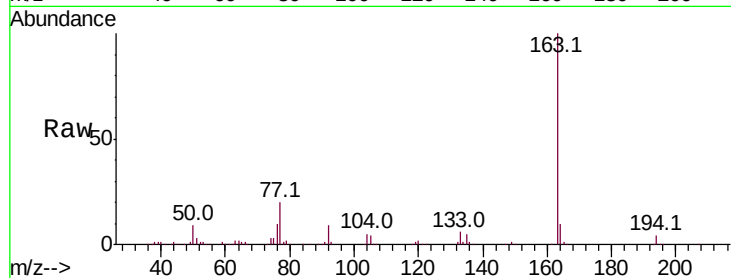
Tot Ion:163 Resp: 374498

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

164 10.1 8.2 12.2

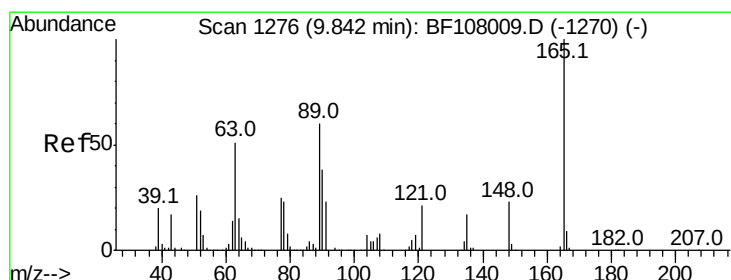
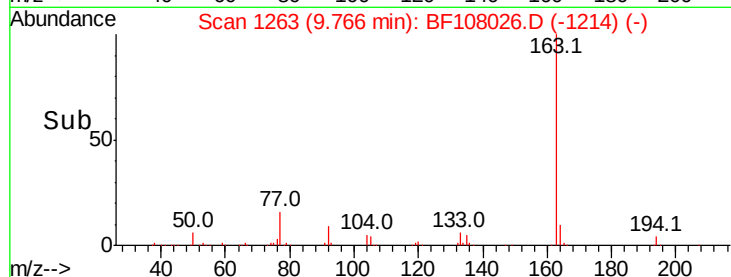
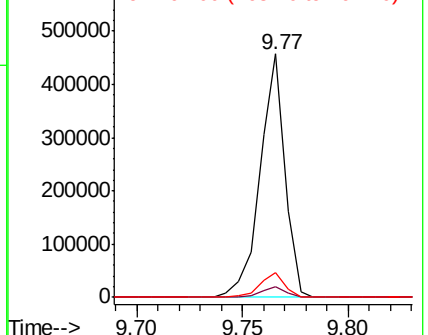


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 28.217 ng

RT: 9.83 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

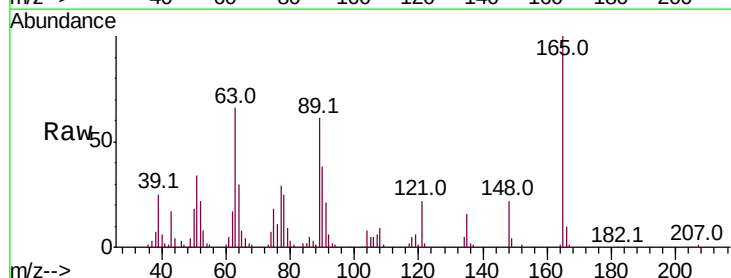
Tgt Ion:165 Resp: 74728

Ion Ratio Lower Upper

165 100

63 65.7 44.7 67.1

89 61.2 44.0 66.0

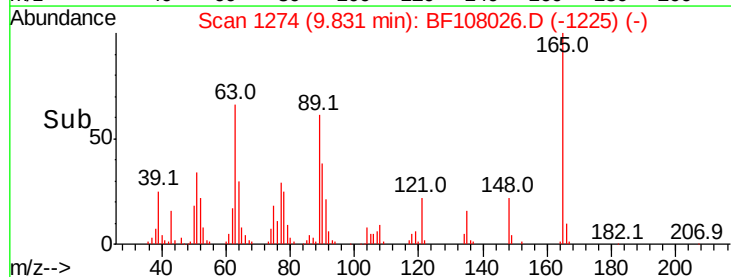
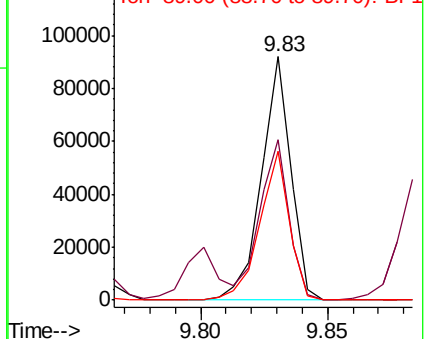


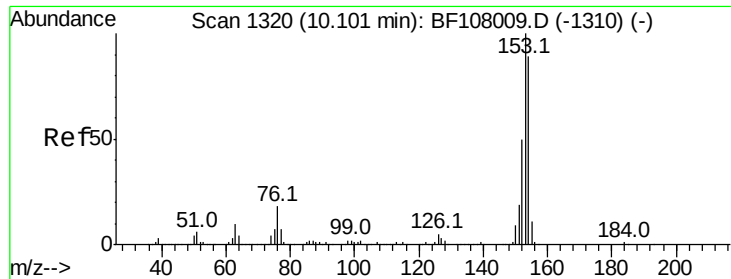
Abundance

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





#51

Acenaphthene

Concen: 29.216 ng

RT: 10.10 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampleId :

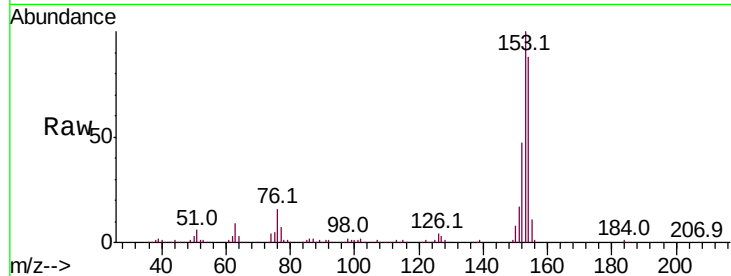
Tot Ion:154 Resp: 299573

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

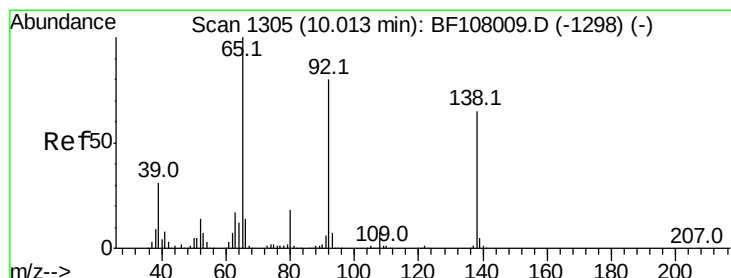
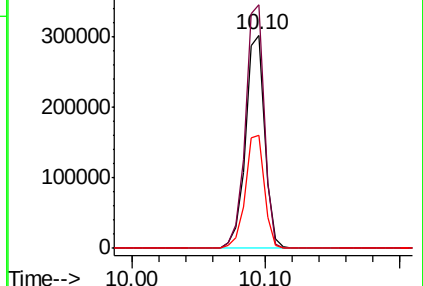
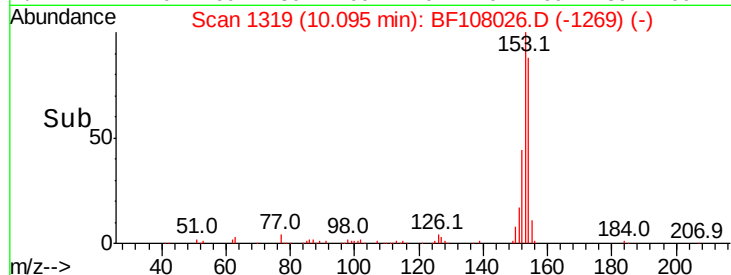
152 53.1 43.8 65.8



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



#52

3-Nitroaniline

Concen: 22.980 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

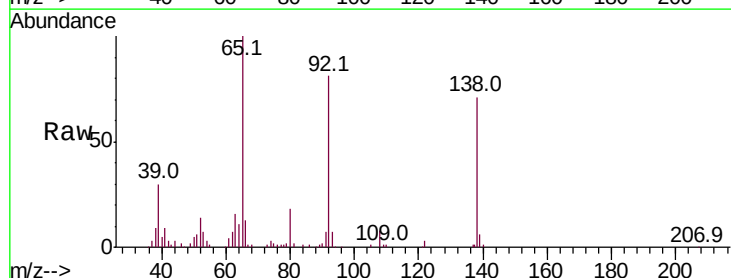
Tgt Ion:138 Resp: 66588

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.0

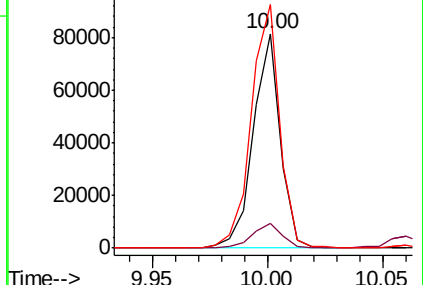
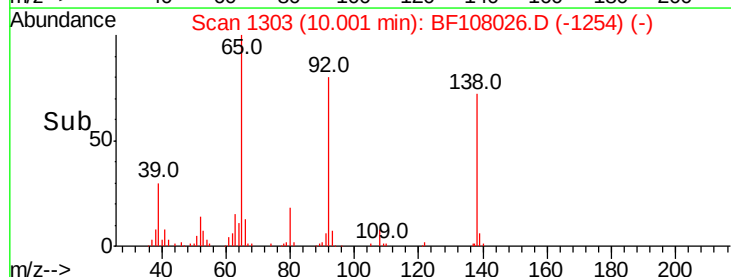
92 113.4 89.4 134.2

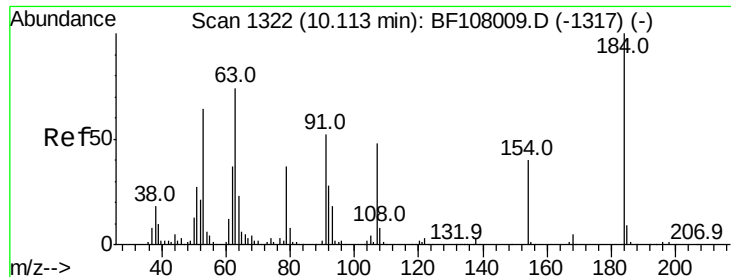


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

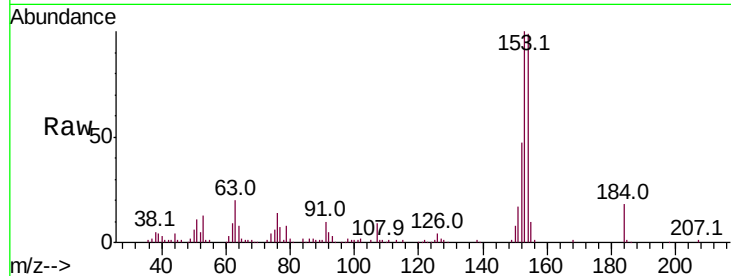




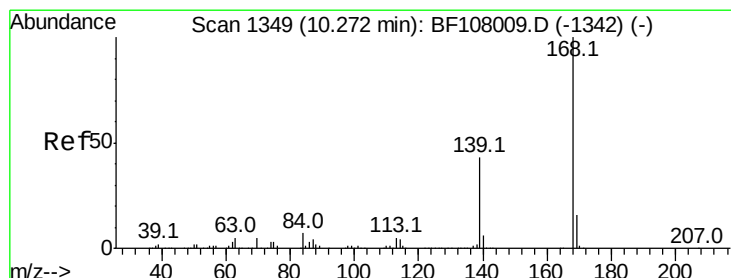
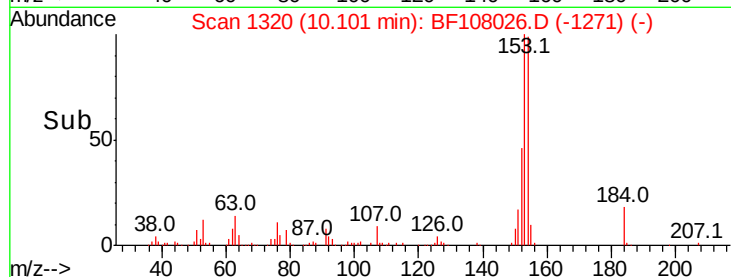
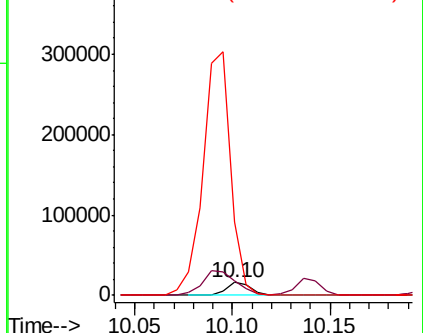
#53  
2,4-Dinitrophenol  
Concen: 20.146 ng  
RT: 10.10 min Scan# 1320  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:184 Resp: 14260  
Ion Ratio Lower Upper  
184 100  
63 114.5 54.2 81.2#  
154 563.6 184.0 276.0#

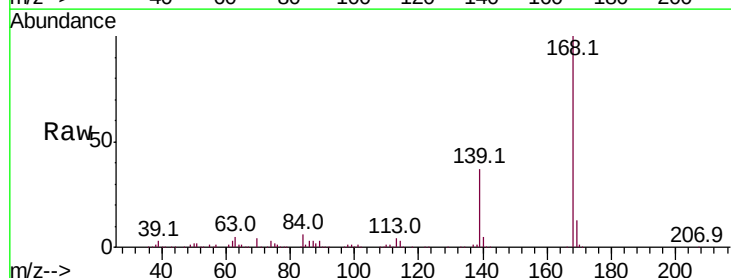


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E

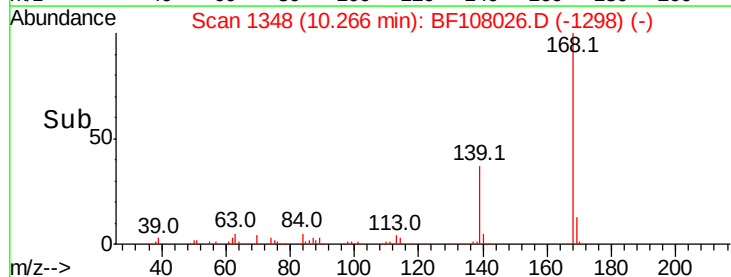
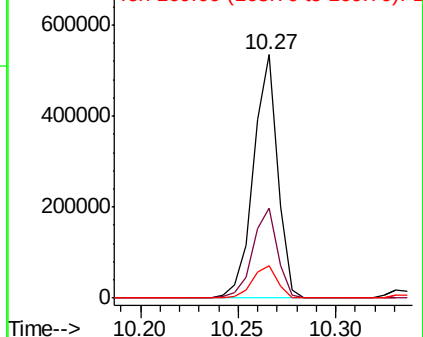


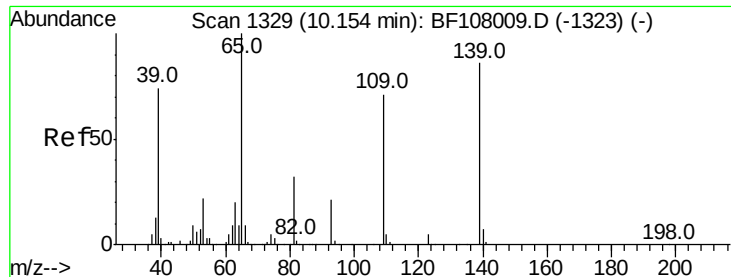
#54  
Dibenzofuran  
Concen: 30.823 ng  
RT: 10.27 min Scan# 1348  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

Tgt Ion:168 Resp: 457894  
Ion Ratio Lower Upper  
168 100  
139 37.1 30.1 45.1  
169 13.4 10.9 16.3



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





#55

4-Nitrophenol

Concen: 25.767 ng

RT: 10.14 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampled :

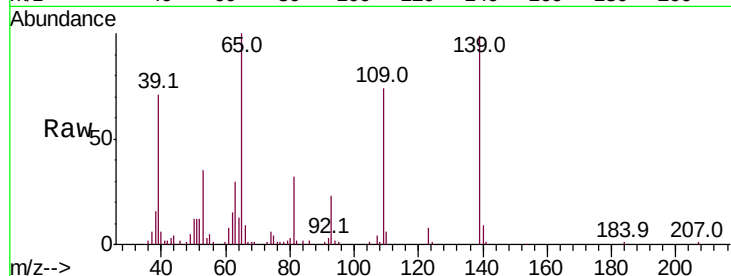
Tot Ion:139 Resp: 56538

Ion Ratio Lower Upper

139 100

109 74.3 48.4 88.4

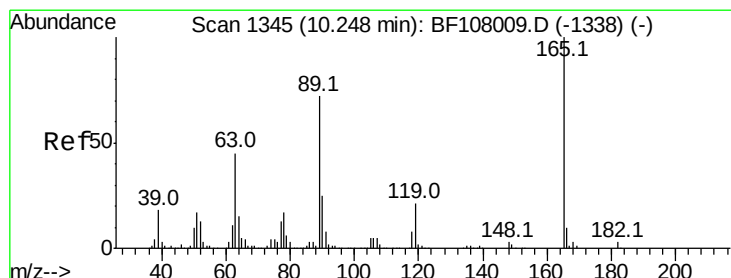
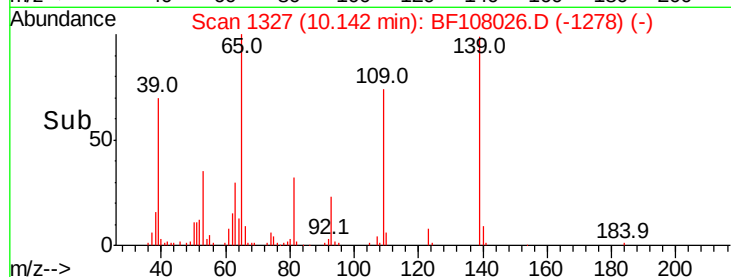
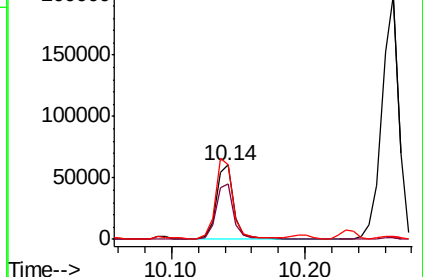
65 101.0 72.6 112.6



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



#56

2,4-Dinitrotoluene

Concen: 28.737 ng

RT: 10.23 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Tgt Ion:165 Resp: 97962

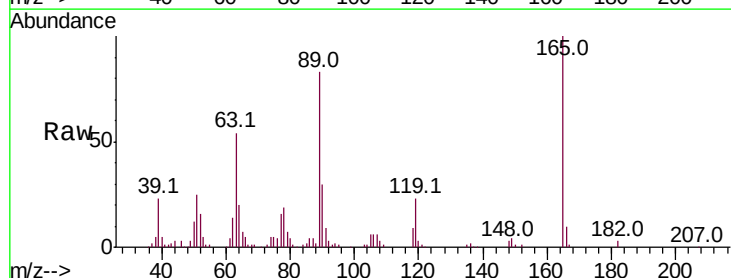
Ion Ratio Lower Upper

165 100

63 54.0 36.4 54.6

89 83.2 57.8 86.6

182 2.6 1.6 2.4#

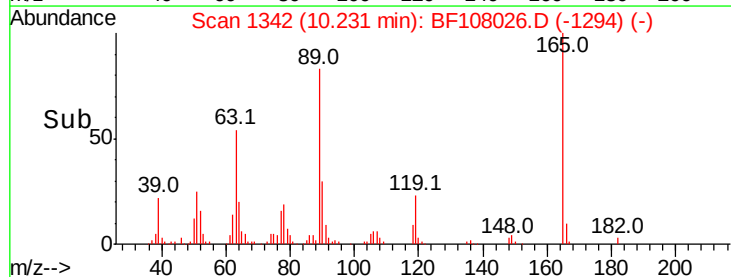
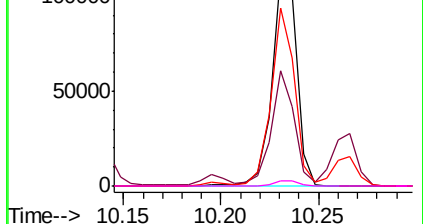


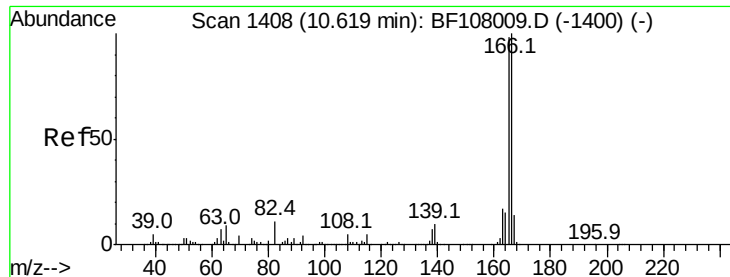
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 30.352 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampled :

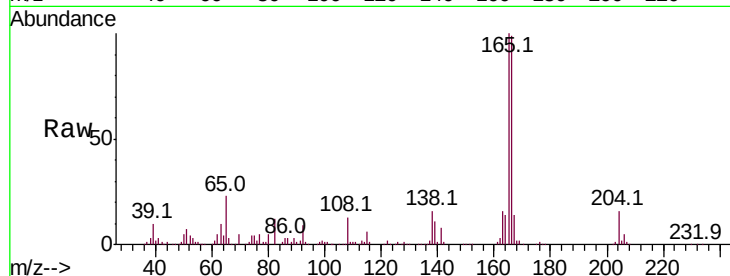
Tot Ion:166 Resp: 356934

Ion Ratio Lower Upper

166 100

165 101.3 79.8 119.8

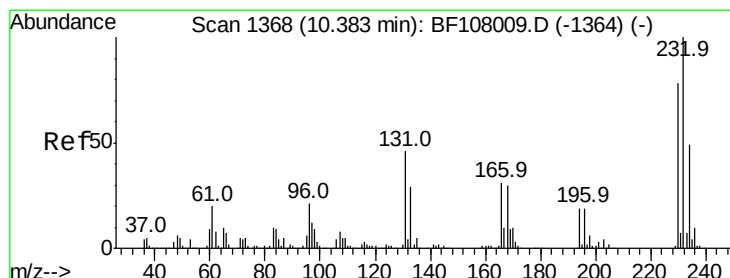
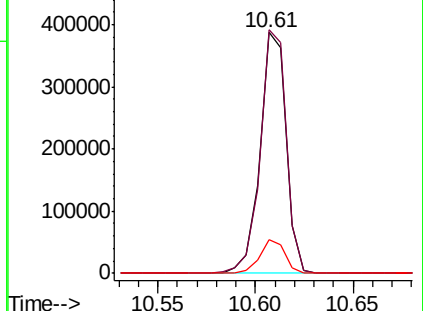
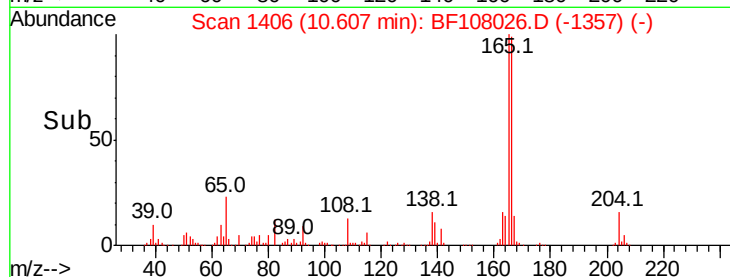
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.417 ng

RT: 10.38 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Tgt Ion:232 Resp: 87355

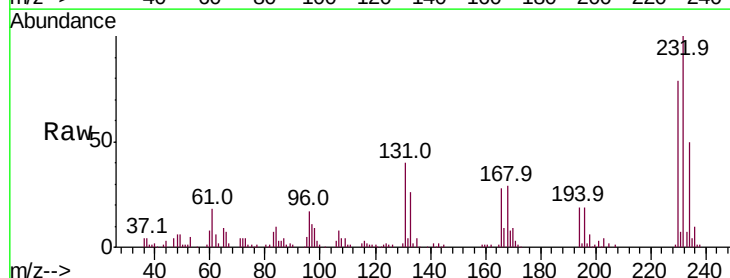
Ion Ratio Lower Upper

232 100

131 43.1 43.8 65.8#

130 2.1 2.1 3.1

166 30.6 27.8 41.6

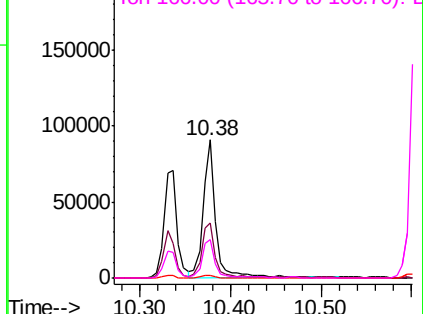
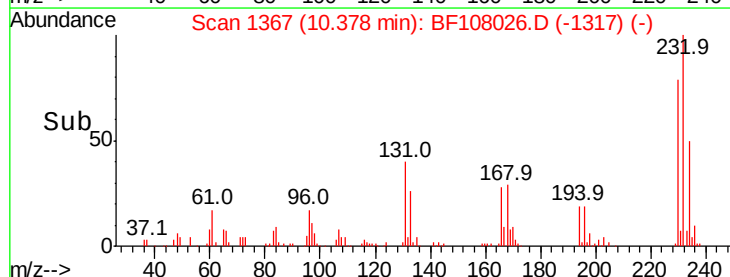


Abundance Ion 232.00 (231.70 to 232.70): E

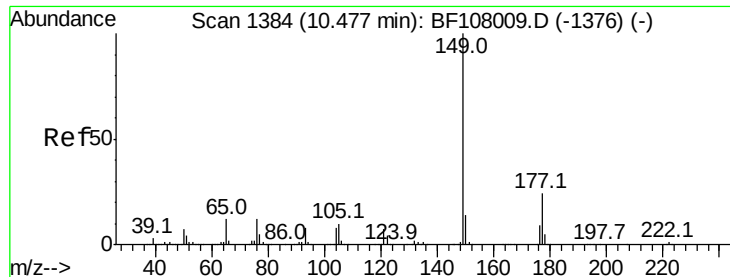
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E







#59

Diethylphthalate

Concen: 30.463 ng

RT: 10.47 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampled :

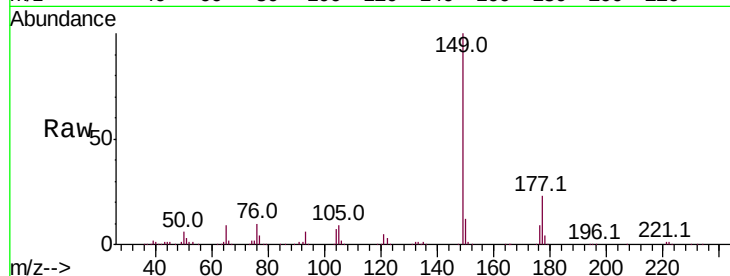
Tot Ion:149 Resp: 373391

Ion Ratio Lower Upper

149 100

177 22.7 16.1 24.1

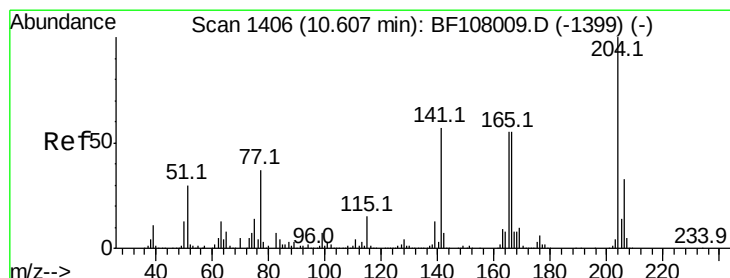
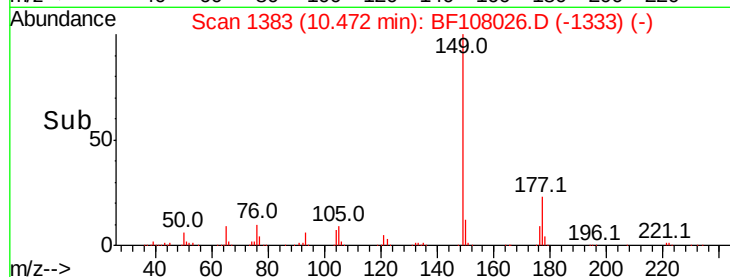
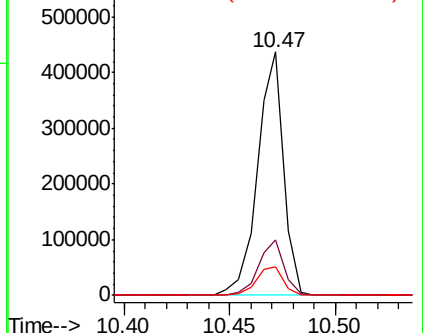
150 11.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 29.583 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

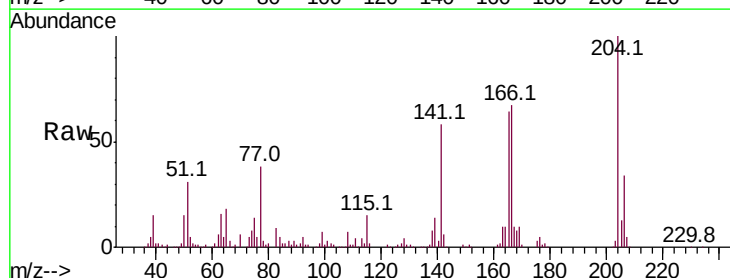
Tgt Ion:204 Resp: 181278

Ion Ratio Lower Upper

204 100

206 33.9 26.5 39.7

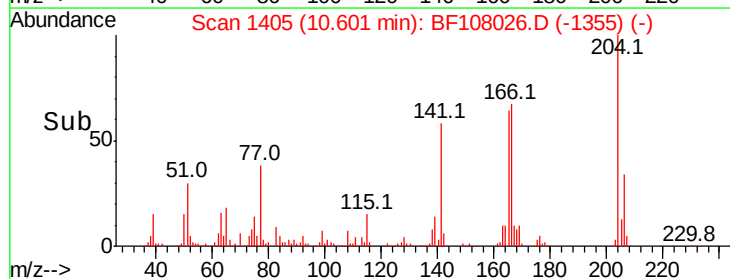
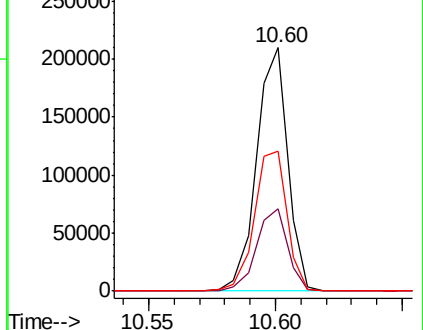
141 57.7 54.6 81.8

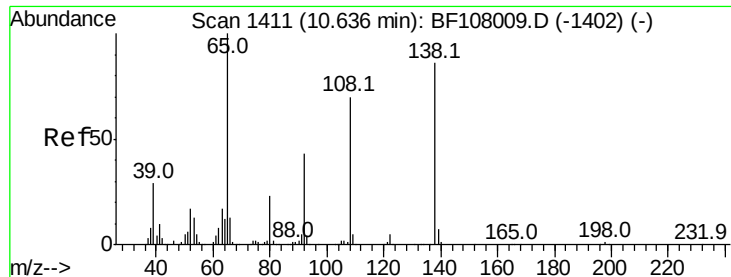


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

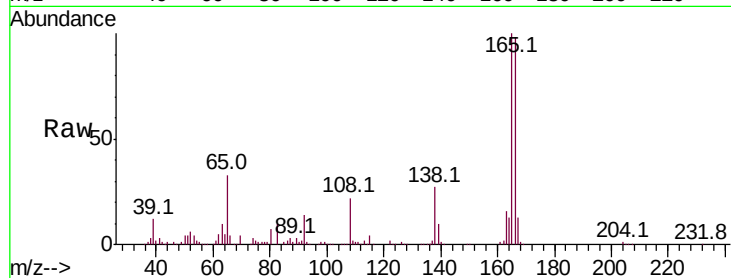




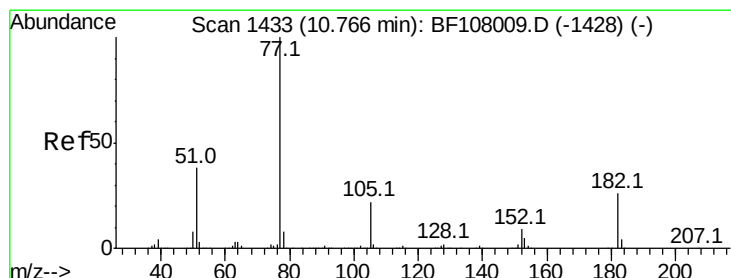
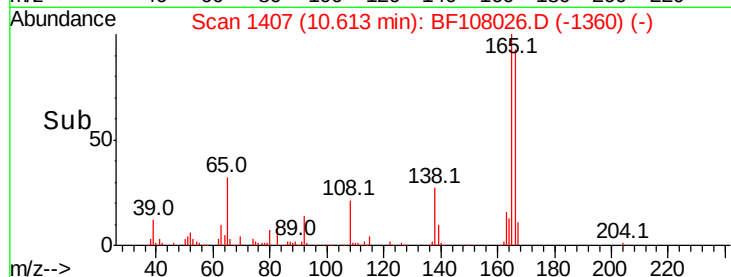
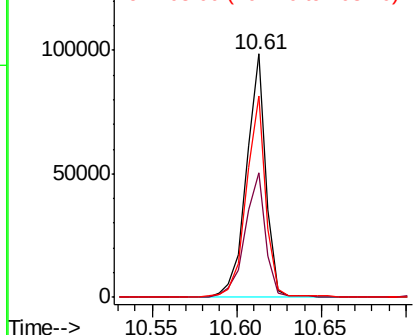
#61  
4-Nitroaniline  
Concen: 27.725 ng  
RT: 10.61 min Scan# 1407  
Delta R.T. -0.02 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:138 Resp: 79427  
Ion Ratio Lower Upper  
138 100  
92 51.0 30.2 70.2  
108 82.5 52.5 92.5

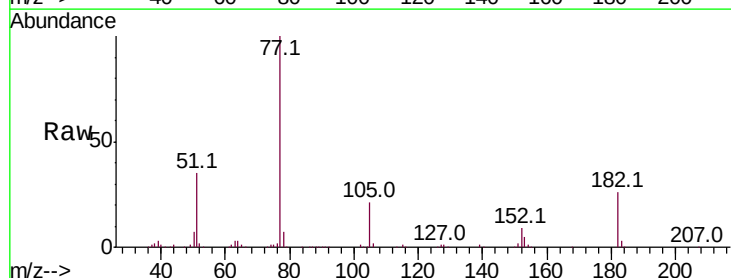


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 108.00 (107.70 to 108.70): E

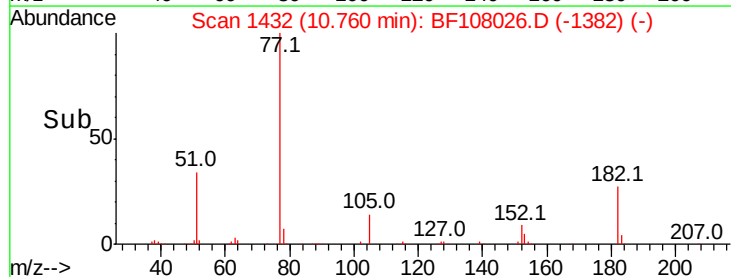
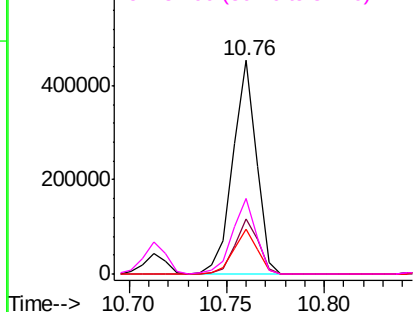


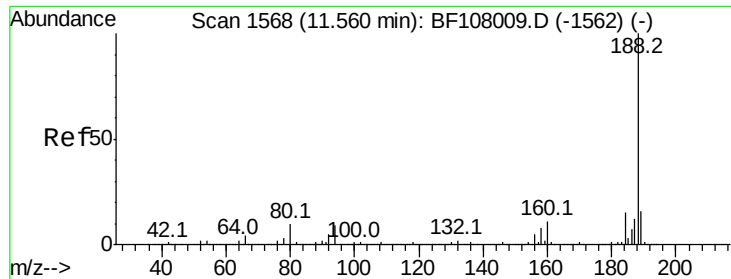
#62  
Azobenzene  
Concen: 30.088 ng  
RT: 10.76 min Scan# 1432  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

Tgt Ion: 77 Resp: 380873  
Ion Ratio Lower Upper  
77 100  
182 26.0 1.7 41.7  
105 21.2 3.0 43.0  
51 35.2 9.9 49.9



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.55 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampleId :

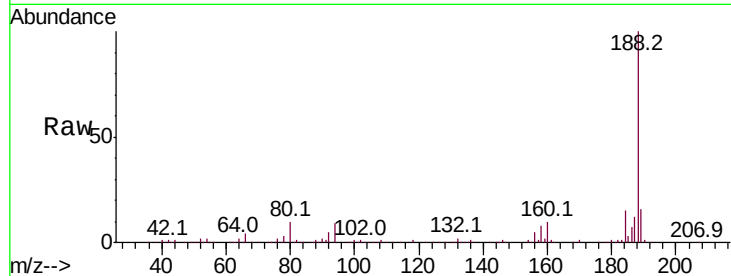
Tot Ion:188 Resp: 379128

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

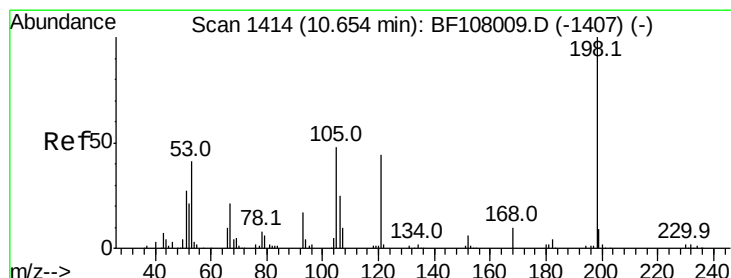
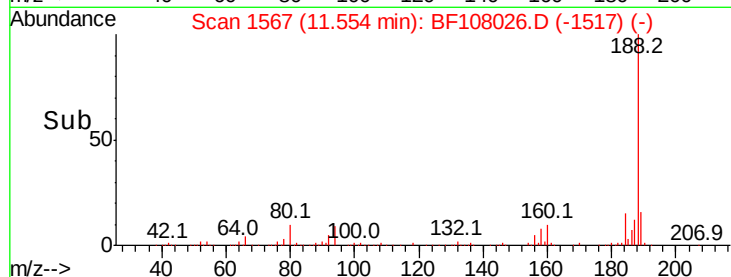
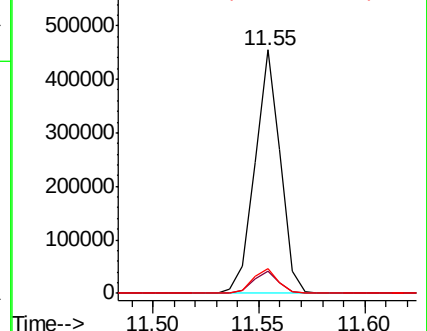
80 10.4 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 20.826 ng

RT: 10.64 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

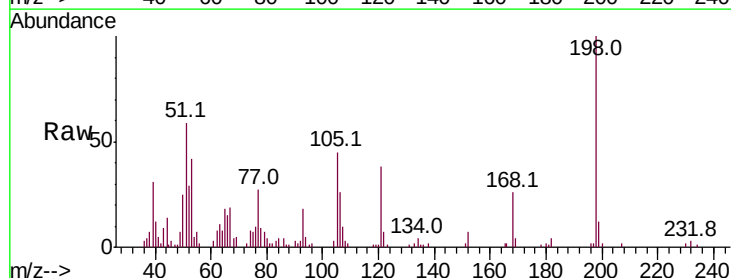
Tgt Ion:198 Resp: 24783

Ion Ratio Lower Upper

198 100

51 58.6 37.7 77.7

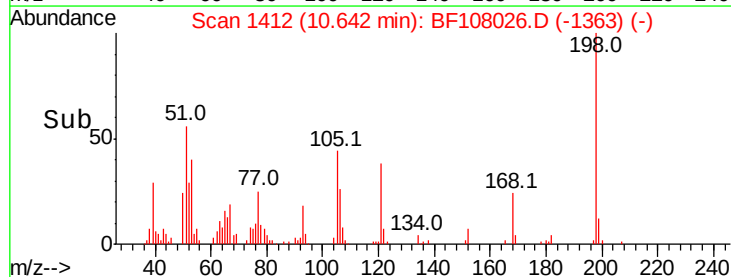
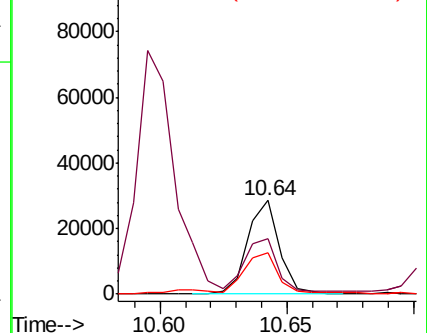
105 44.8 36.3 76.3

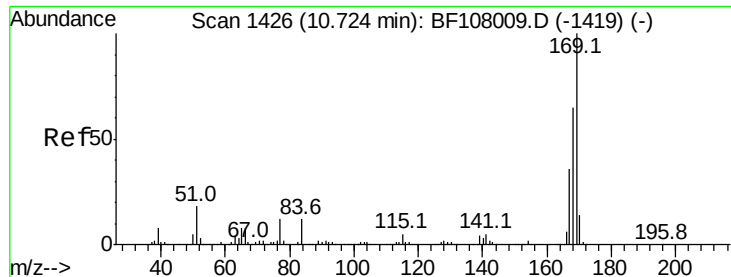


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

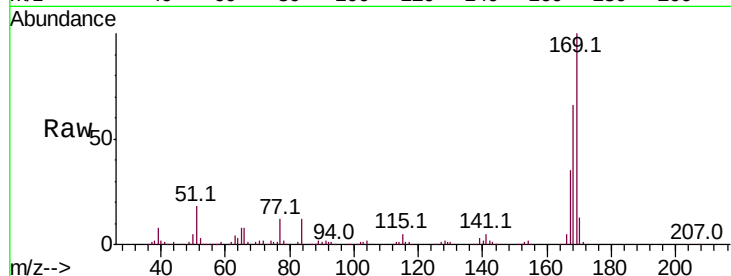




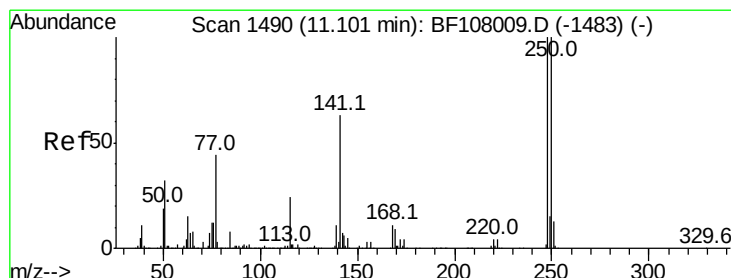
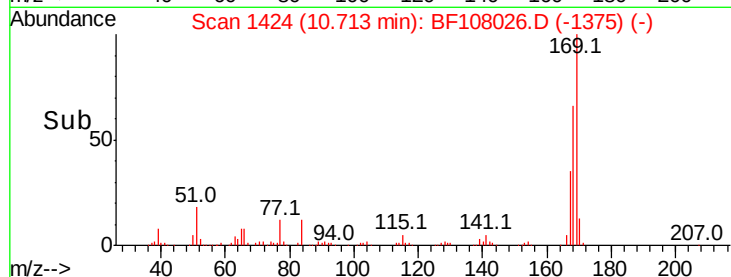
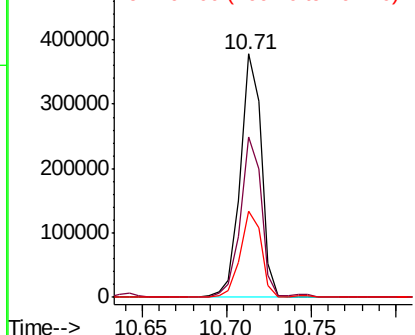
#65  
 n-Nitrosodiphenylamine  
 Concen: 29.267 ng  
 RT: 10.71 min Scan# 1424  
 Delta R.T. -0.01 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:169 Resp: 327891  
 Ion Ratio Lower Upper  
 169 100  
 168 65.8 54.4 81.6  
 167 35.2 29.8 44.6

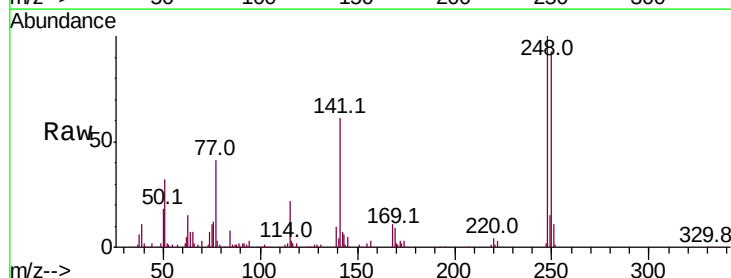


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

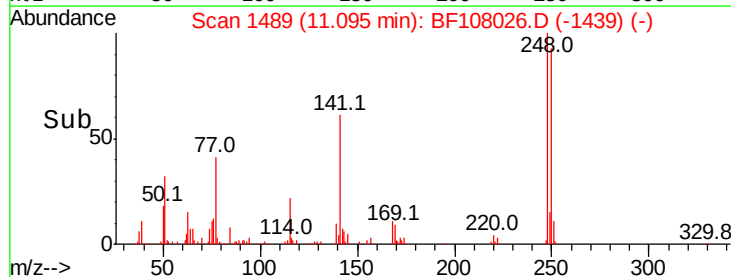
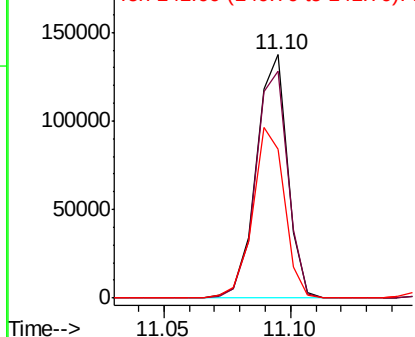


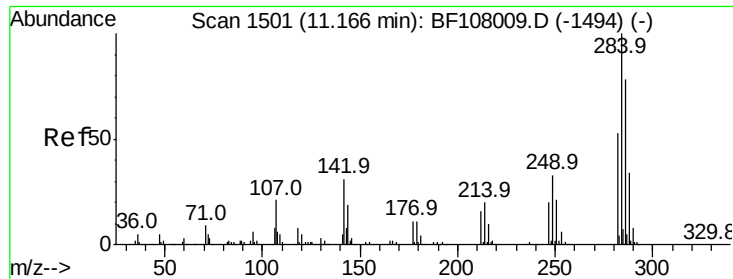
#66  
 4-Bromophenyl-phenylether  
 Concen: 28.889 ng  
 RT: 11.10 min Scan# 1489  
 Delta R.T. -0.01 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

Tgt Ion:248 Resp: 119026  
 Ion Ratio Lower Upper  
 248 100  
 250 93.0 76.9 115.3  
 141 61.0 74.4 111.6#



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

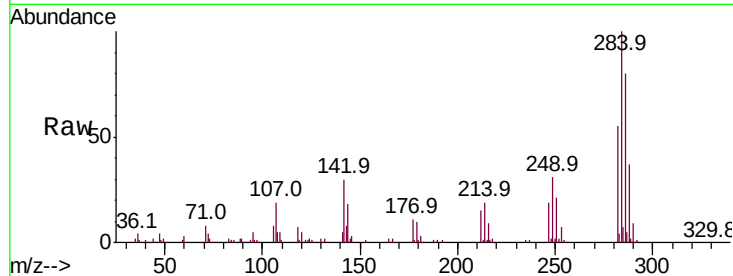




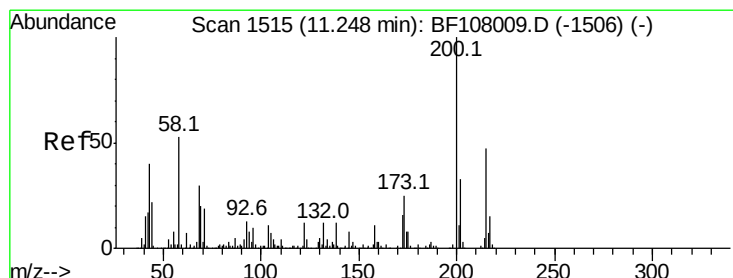
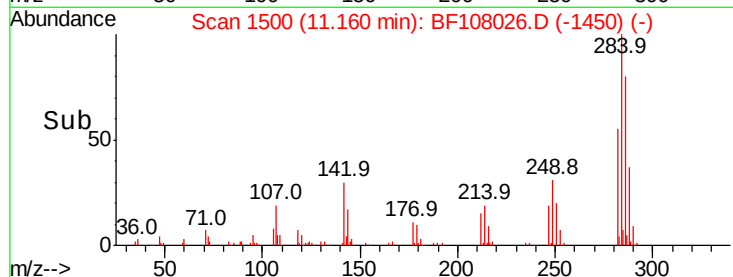
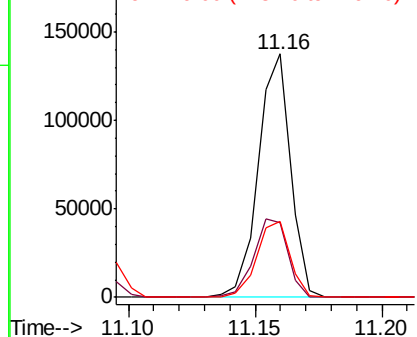
#67  
Hexachlorobenzene  
Concen: 28.226 ng  
RT: 11.16 min Scan# 1500  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.4  | 34.6  | 52.0# |
| 249     | 31.0  | 24.8  | 37.2  |

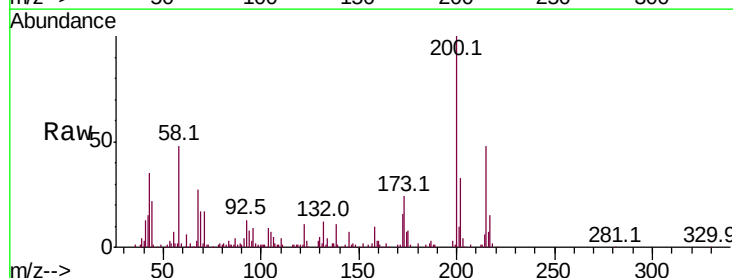


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

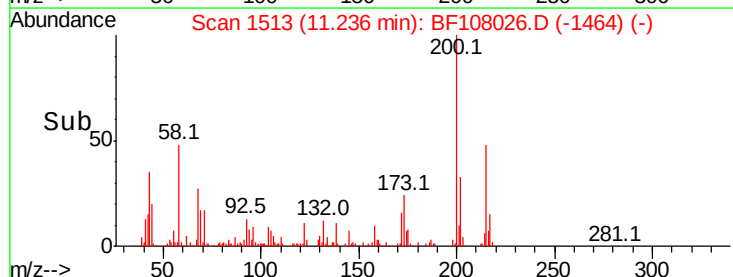
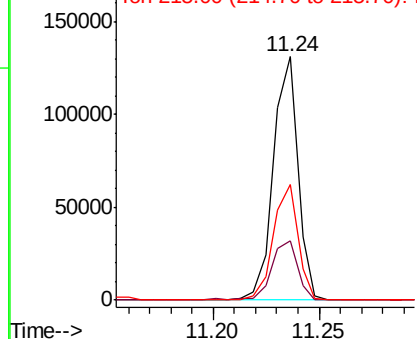


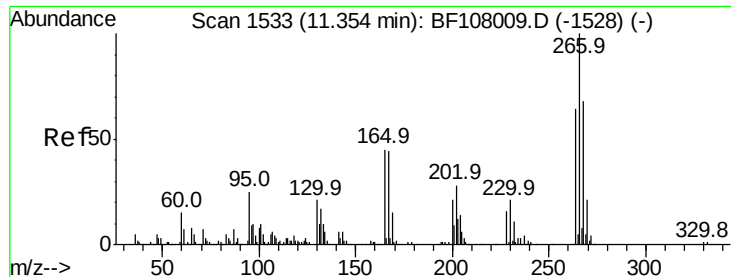
#68  
Atrazine  
Concen: 28.344 ng  
RT: 11.24 min Scan# 1513  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.2  | 8.6   | 48.6  |
| 215     | 47.5  | 25.1  | 65.1  |



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

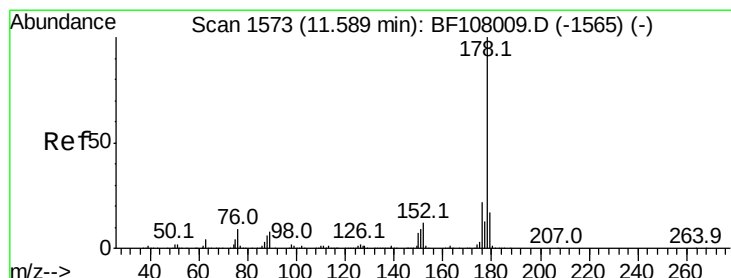
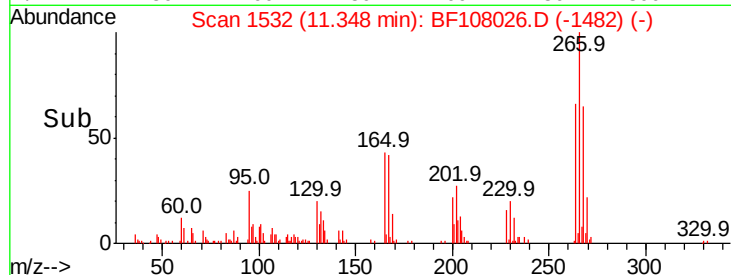
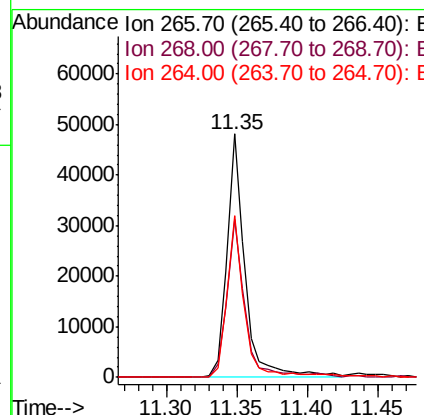
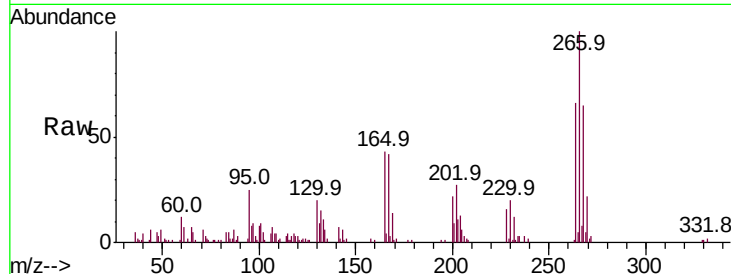




#69  
 Pentachlorophenol  
 Concen: 20.815 ng  
 RT: 11.35 min Scan# 1532  
 Delta R.T. -0.01 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

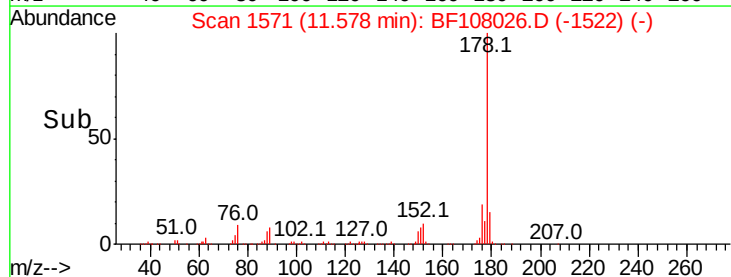
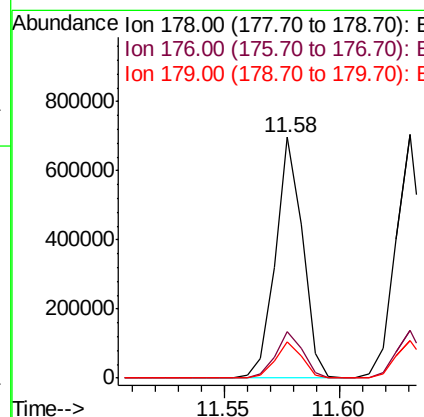
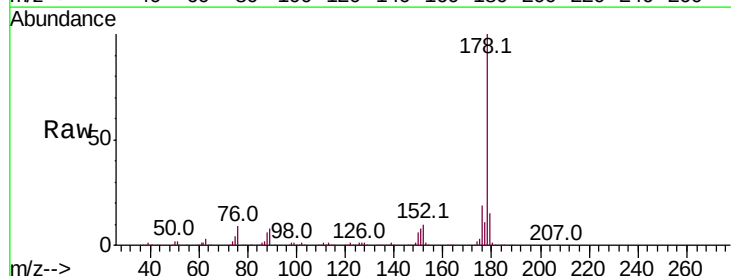
Instrument :  
 BNA\_F  
 ClientSampleId :

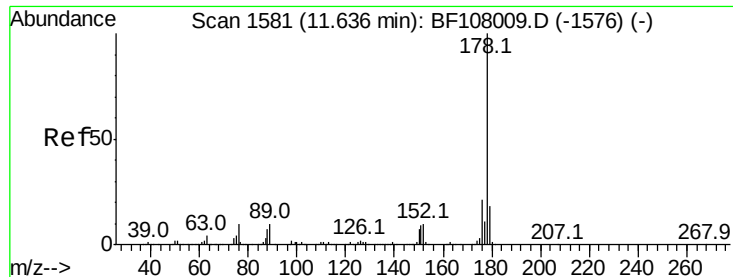
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.7  | 51.1  | 76.7  |
| 264     | 66.3  | 49.5  | 74.3  |



#70  
 Phenanthrene  
 Concen: 31.645 ng  
 RT: 11.58 min Scan# 1571  
 Delta R.T. -0.01 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.8  | 23.8  |
| 179     | 14.9  | 13.0  | 19.6  |





#71

Anthracene

Concen: 31.125 ng

RT: 11.63 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

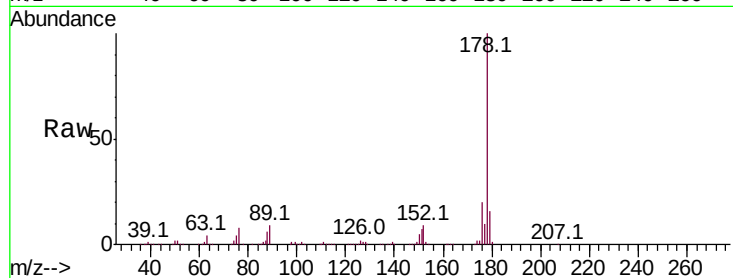
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:178 Resp: 570447

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.5  | 15.4  | 23.2  |
| 179 | 15.6  | 12.6  | 19.0  |

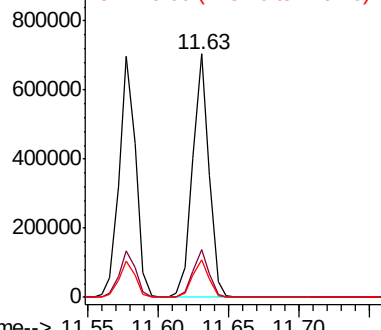


Abundance

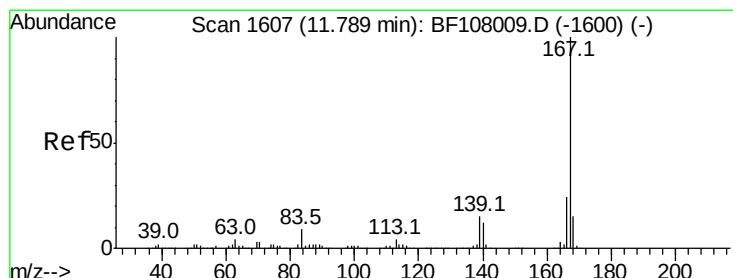
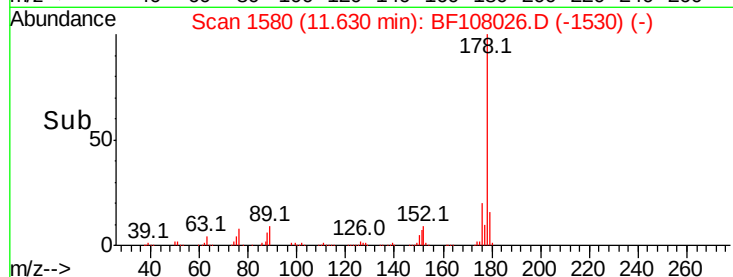
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.55 11.60 11.65 11.70



#72

Carbazole

Concen: 30.770 ng

RT: 11.78 min Scan# 1606

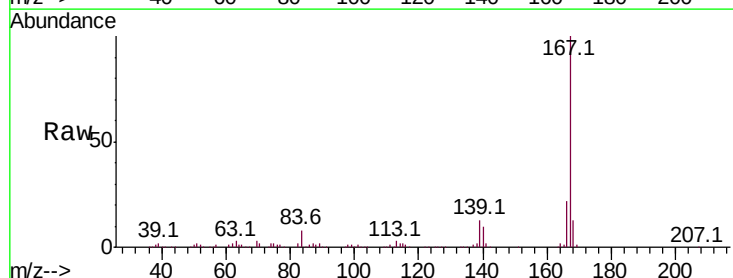
Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Tgt Ion:167 Resp: 501050

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.0  | 17.6  | 26.4  |
| 139 | 12.6  | 10.9  | 16.3  |

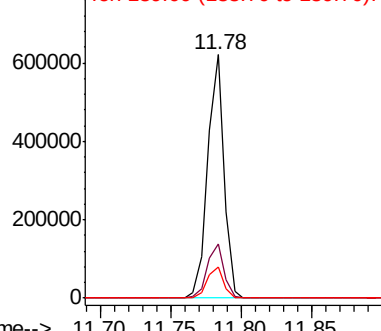


Abundance

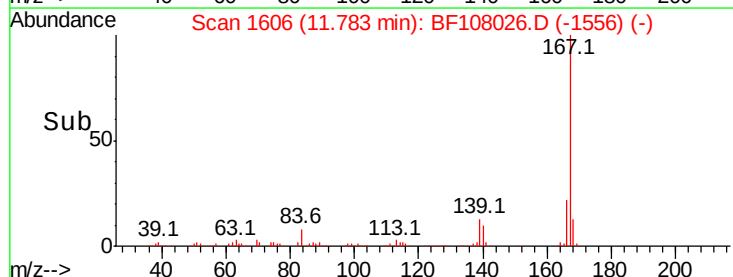
Ion 167.00 (166.70 to 167.70): E

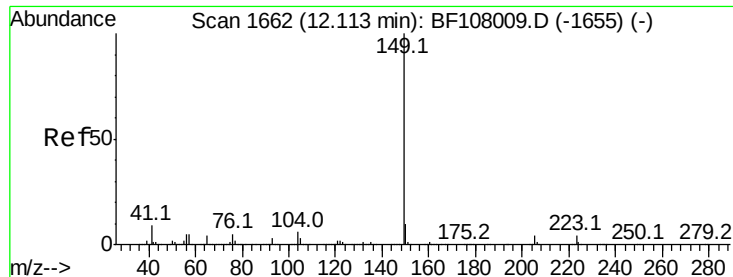
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 11.70 11.75 11.80 11.85





#73

Di-n-butylphthalate

Concen: 31.341 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampled :

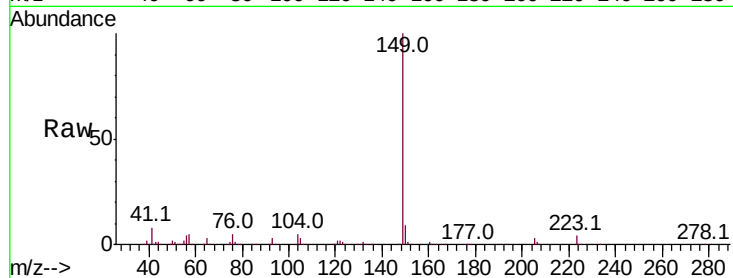
Tot Ion:149 Resp: 578059

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

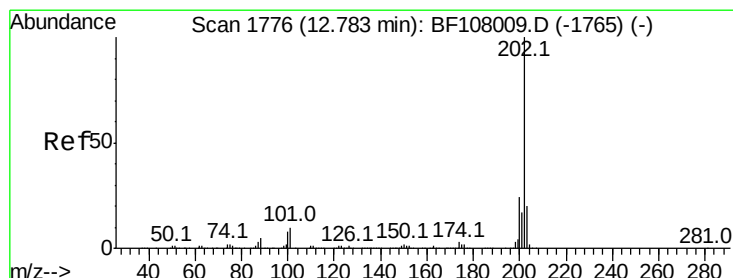
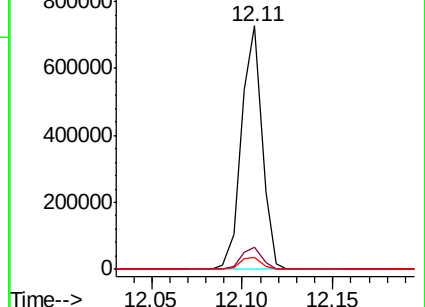
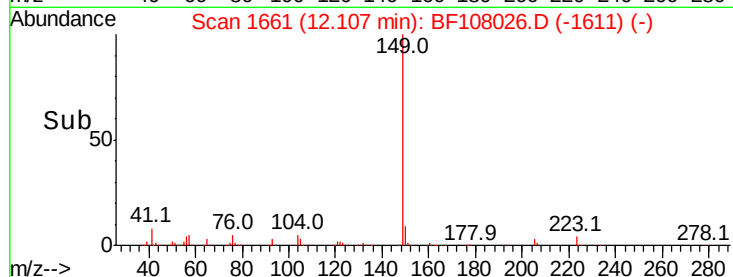
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.895 ng

RT: 12.77 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

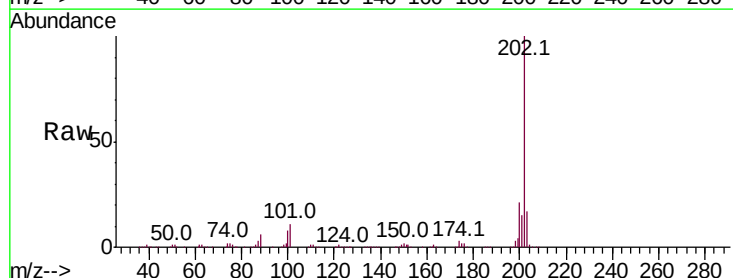
Tgt Ion:202 Resp: 622462

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.1

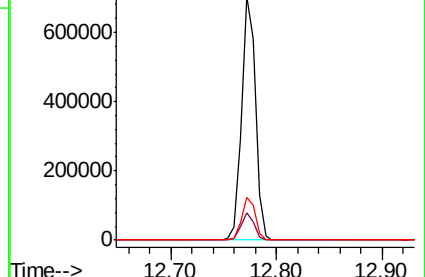
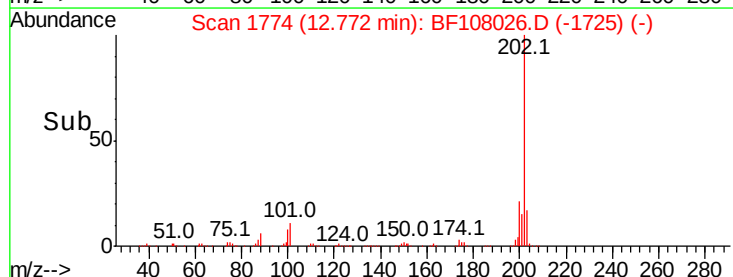
203 17.4 0.0 38.1



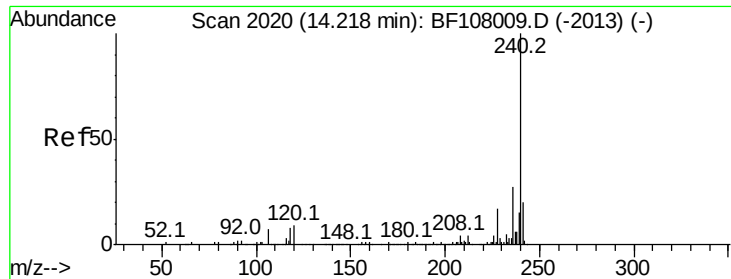
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E







#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampleId :

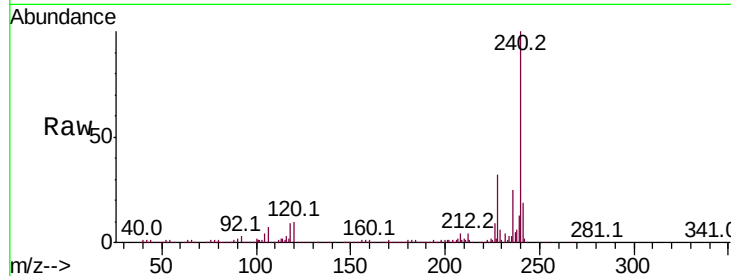
Tot Ion:240 Resp: 336290

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

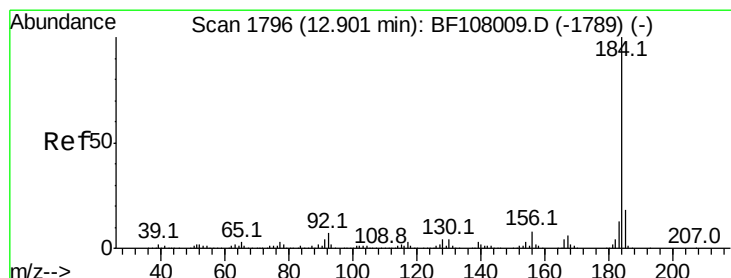
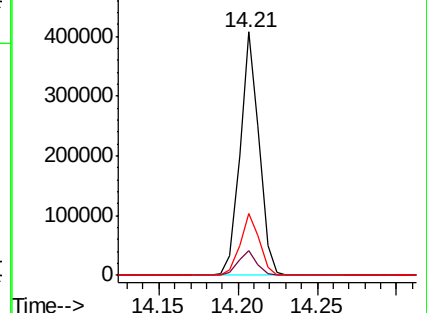
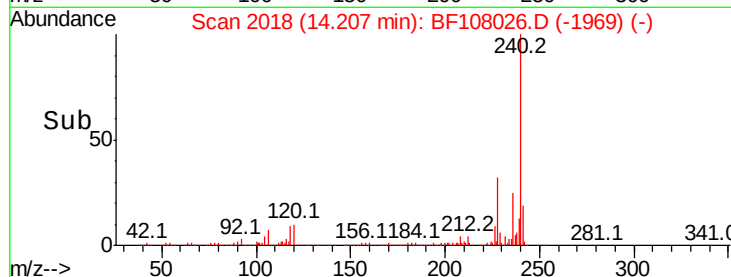
236 25.2 20.7 31.1



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



#76

Benzidine

Concen: 11.141 ng

RT: 12.89 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

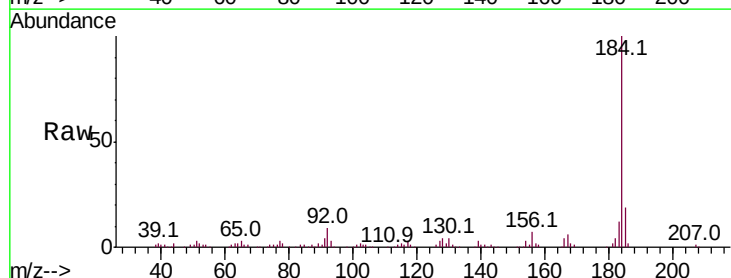
Tgt Ion:184 Resp: 139981

Ion Ratio Lower Upper

184 100

185 19.1 12.6 18.8#

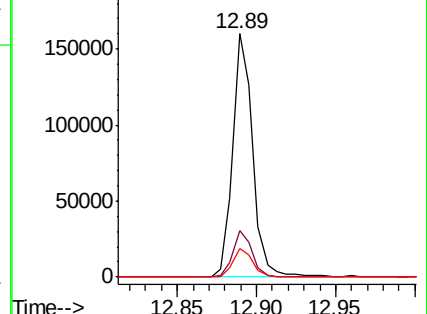
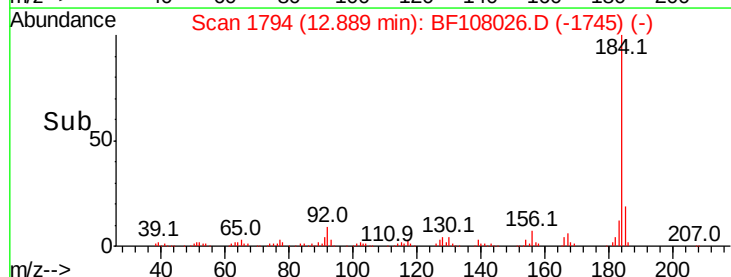
183 11.9 9.3 13.9

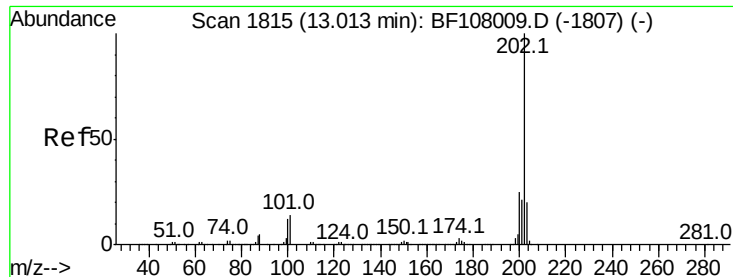


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 29.482 ng

RT: 13.01 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF108026.D

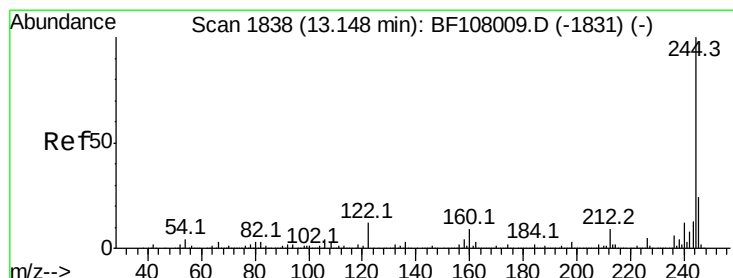
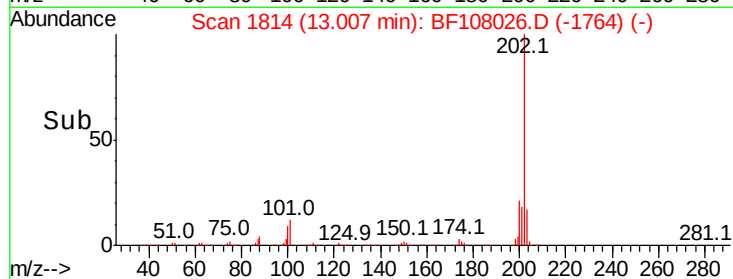
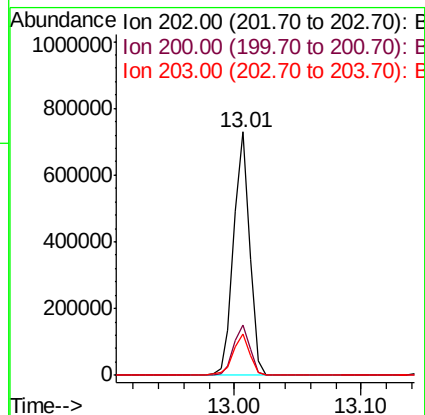
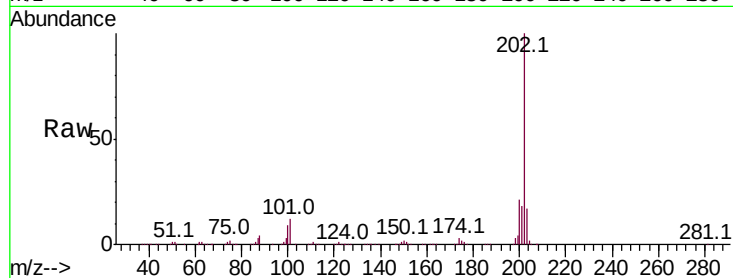
Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 202   | Resp: | 627685 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 200      | 20.8  | 17.4  | 26.2   |
| 203      | 17.2  | 14.3  | 21.5   |



#78

Terphenyl-d14

Concen: 134.084 ng

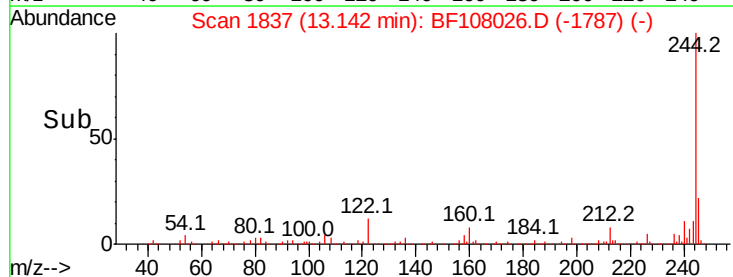
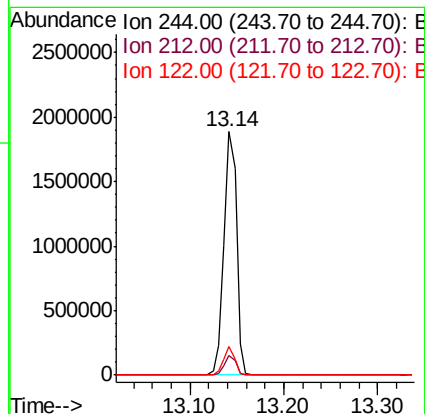
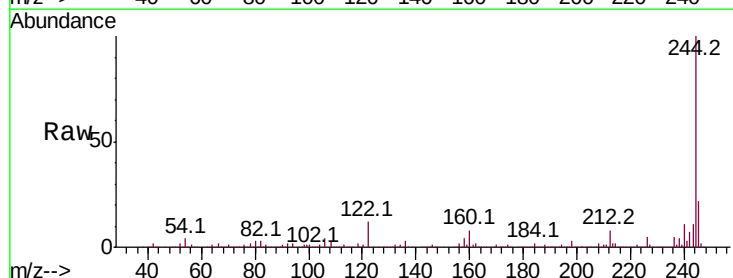
RT: 13.14 min Scan# 1837

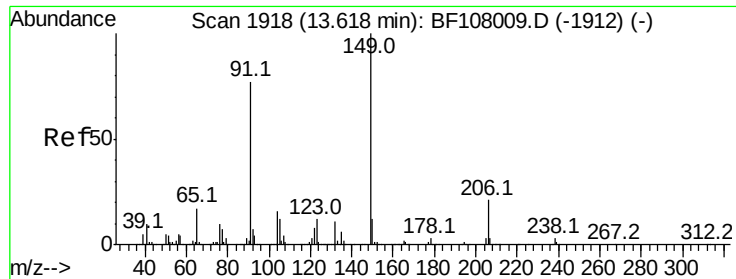
Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 1773453 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 8.0   | 5.4   | 8.0     |
| 122      | 11.6  | 11.0  | 16.4    |

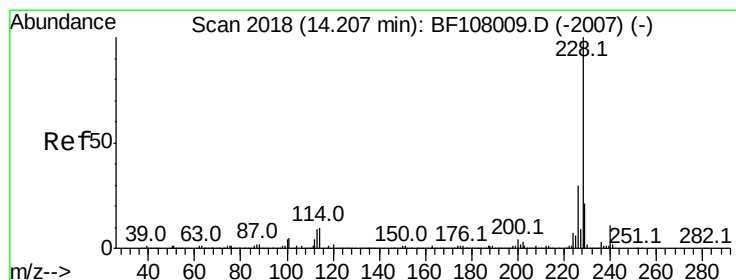
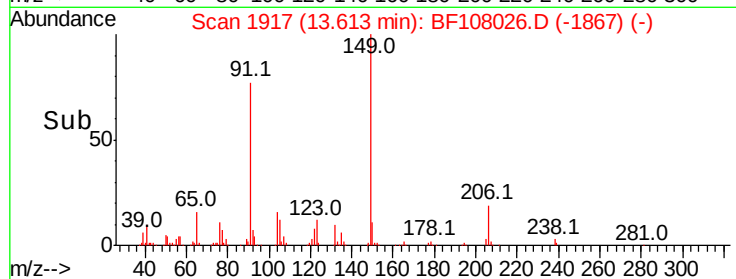
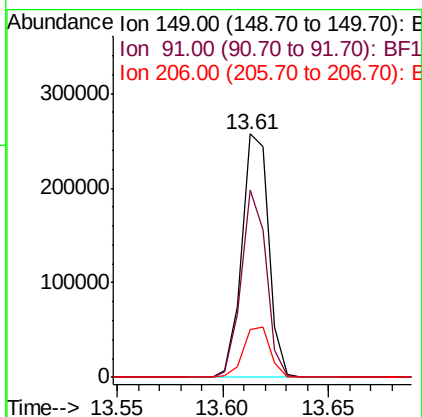
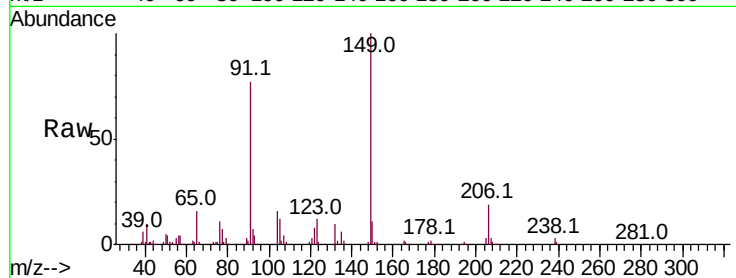




#79  
Butylbenzylphthalate  
Concen: 26.803 ng  
RT: 13.61 min Scan# 1917  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

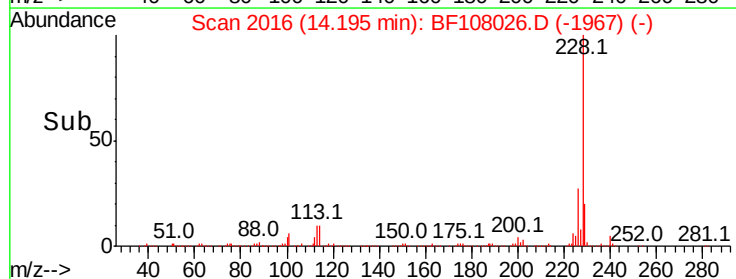
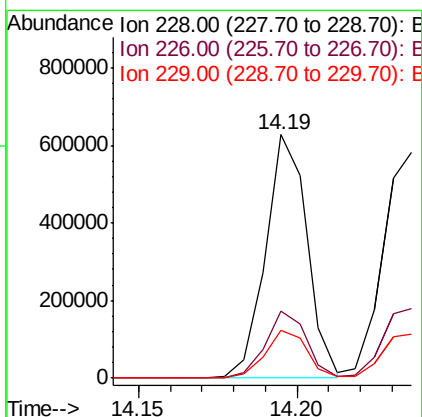
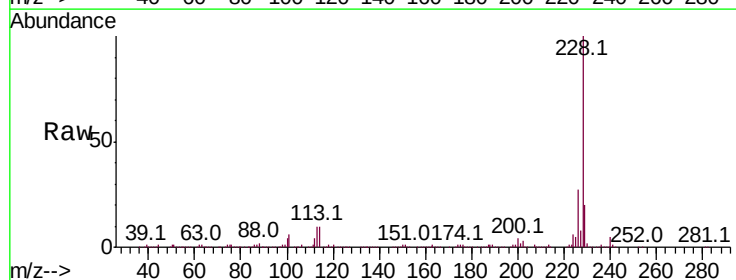
Instrument :  
BNA\_F  
ClientSampleId :

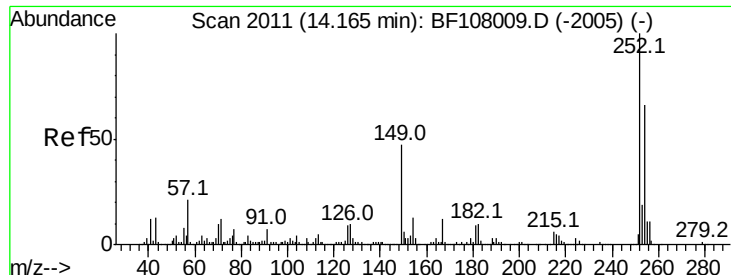
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 77.0  | 56.8  | 85.2  |
| 206     | 19.5  | 14.1  | 21.1  |



#80  
Benzo(a)anthracene  
Concen: 29.531 ng  
RT: 14.19 min Scan# 2016  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.3  | 22.6  | 33.8  |
| 229     | 19.6  | 15.8  | 23.6  |

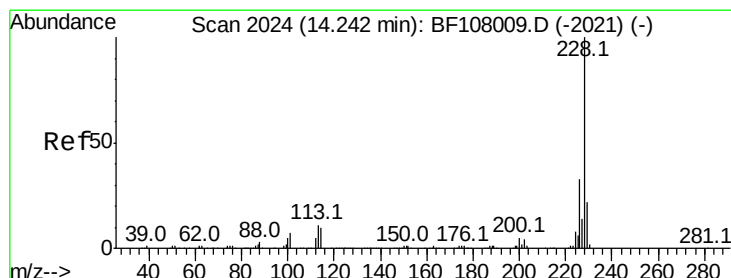
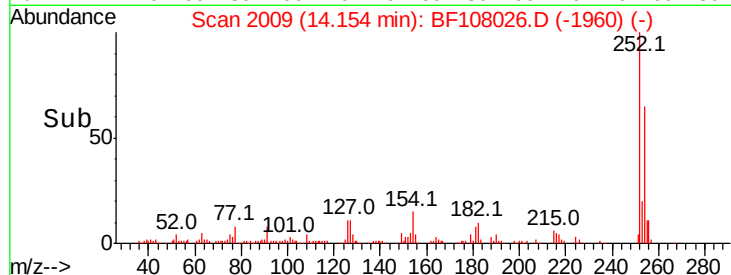
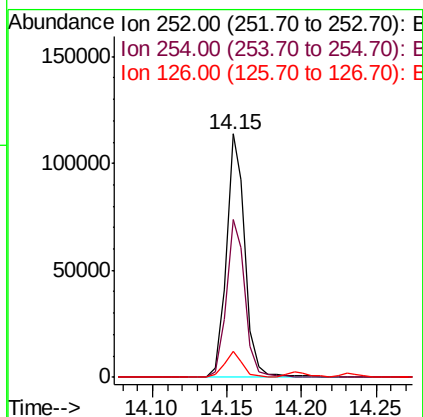
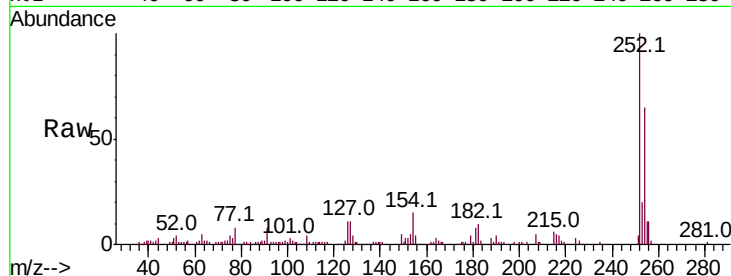




#81  
 3,3'-Dichlorobenzidine  
 Concen: 14.512 ng  
 RT: 14.15 min Scan# 2009  
 Delta R.T. -0.01 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

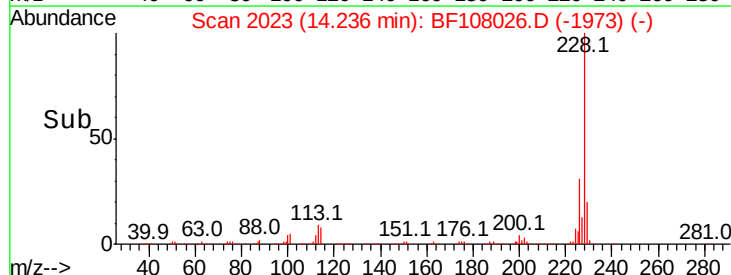
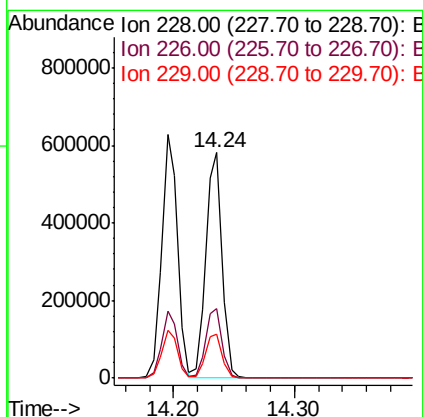
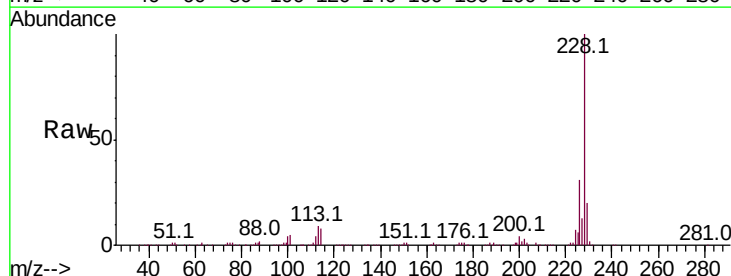
Instrument :  
 BNA\_F  
 ClientSampled :

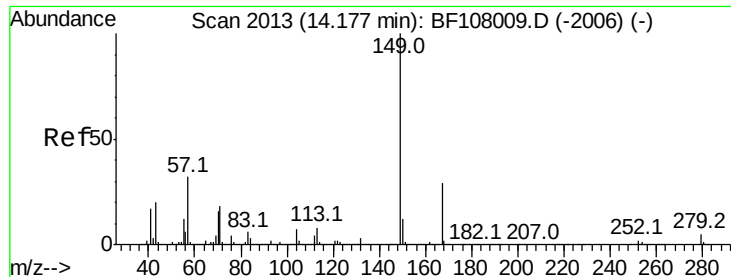
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.9  | 50.4  | 75.6  |
| 126     | 10.5  | 11.3  | 16.9# |



#82  
 Chrysene  
 Concen: 30.363 ng  
 RT: 14.24 min Scan# 2023  
 Delta R.T. -0.01 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.7  | 25.0  | 37.6  |
| 229     | 19.8  | 16.2  | 24.4  |

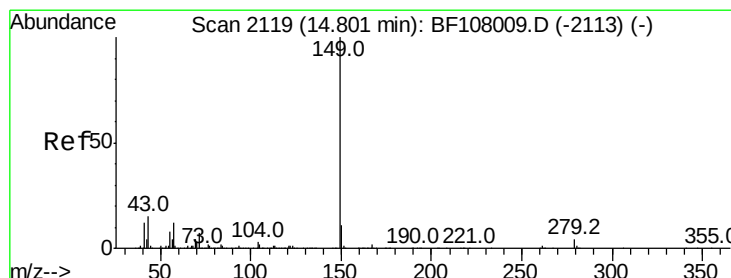
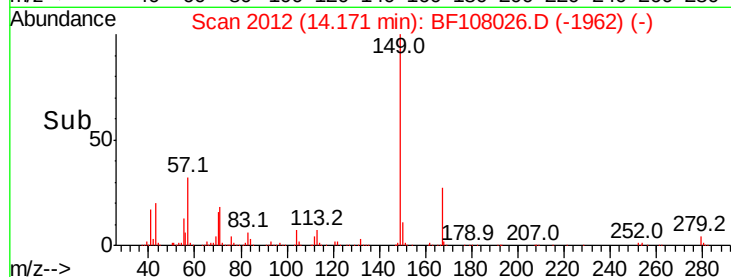
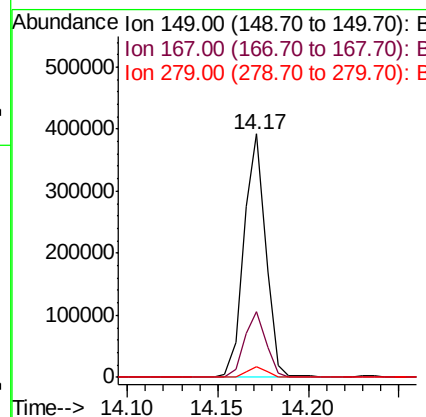
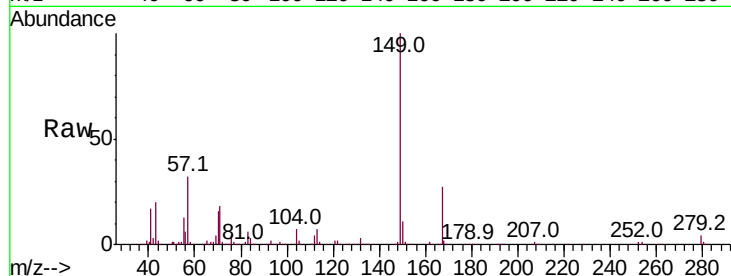




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 28.633 ng  
 RT: 14.17 min Scan# 2012  
 Delta R.T. -0.01 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

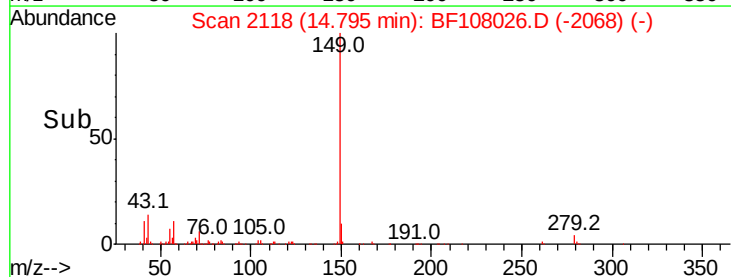
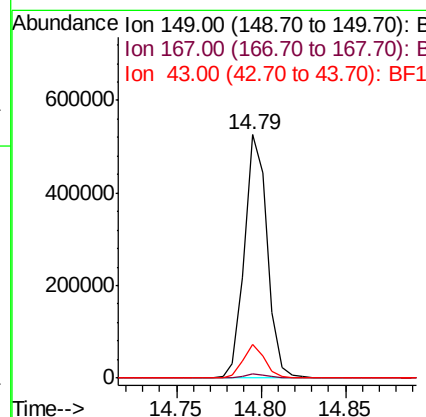
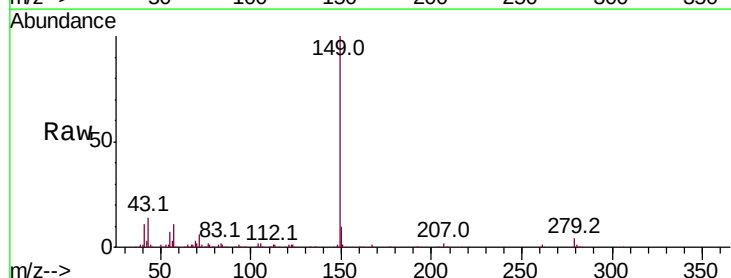
Instrument :  
 BNA\_F  
 ClientSampleId :

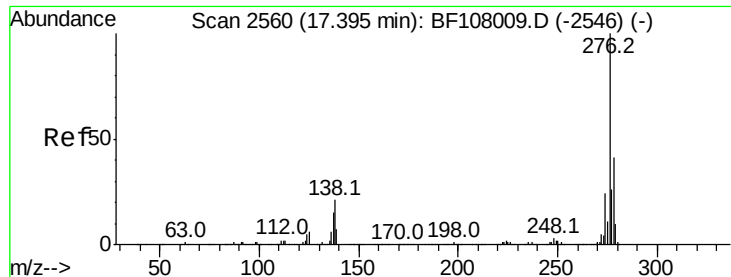
Tot Ion:149 Resp: 327810  
 Ion Ratio Lower Upper  
 149 100  
 167 26.8 21.3 31.9  
 279 4.5 3.0 4.4#



#84  
 Di-n-octyl phthalate  
 Concen: 28.257 ng  
 RT: 14.79 min Scan# 2118  
 Delta R.T. -0.01 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

Tgt Ion:149 Resp: 493366  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.2 1.8  
 43 12.8 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 27.211 ng

RT: 17.37 min Scan# 2556

Delta R.T. -0.02 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

Instrument :

BNA\_F

ClientSampleId :

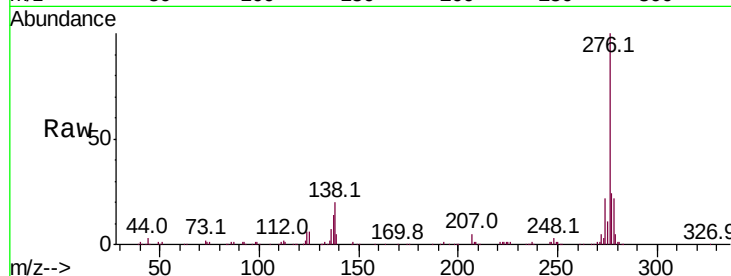
Tot Ion:276 Resp: 417161

Ion Ratio Lower Upper

276 100

138 22.6 25.0 37.6#

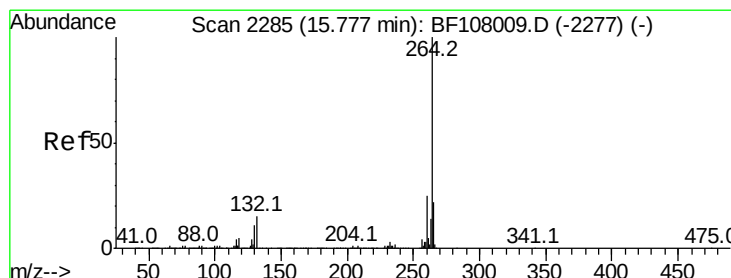
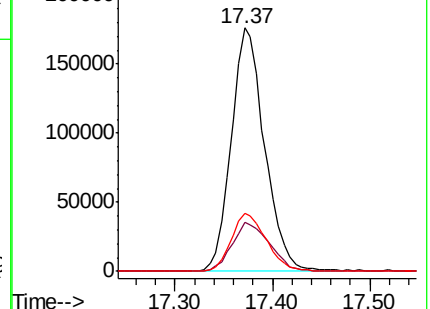
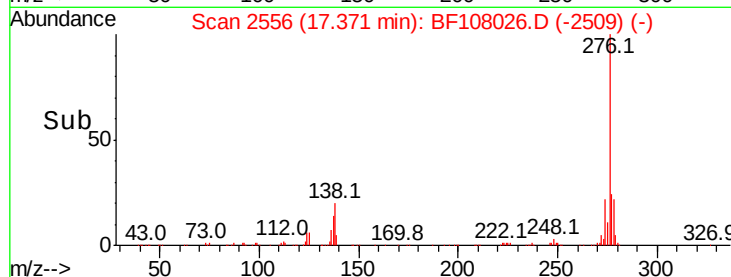
277 25.1 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.77 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF108026.D

Acq: 8 Aug 2018 18:17

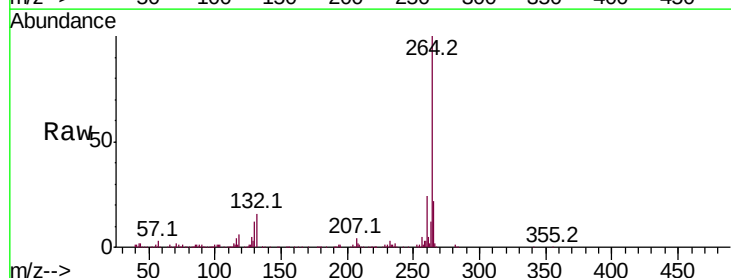
Tgt Ion:264 Resp: 284932

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

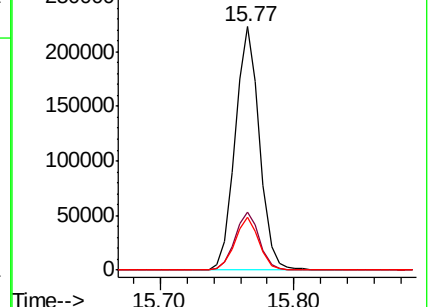
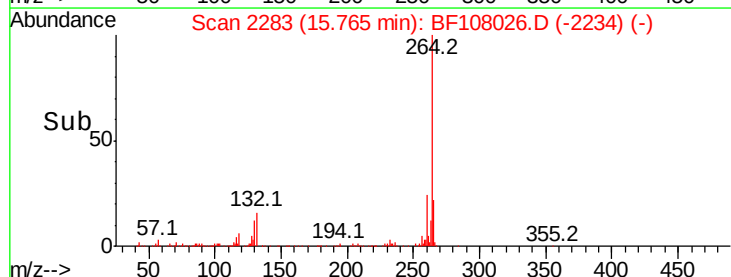
265 21.6 17.5 26.3

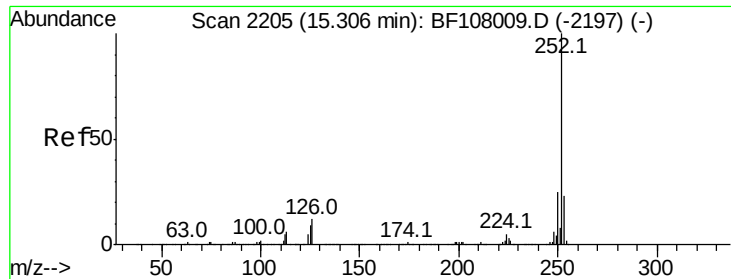


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

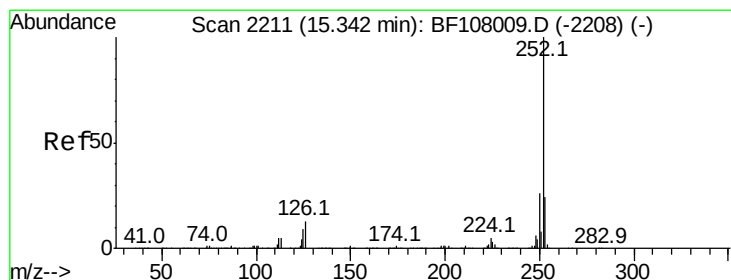
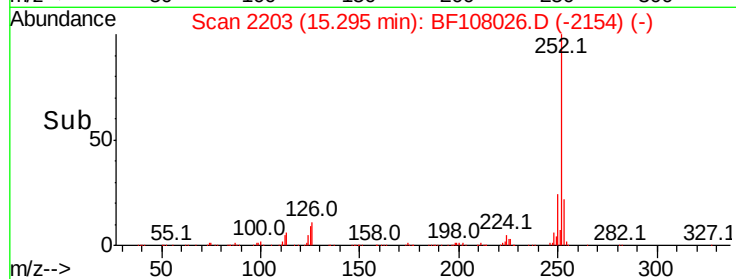
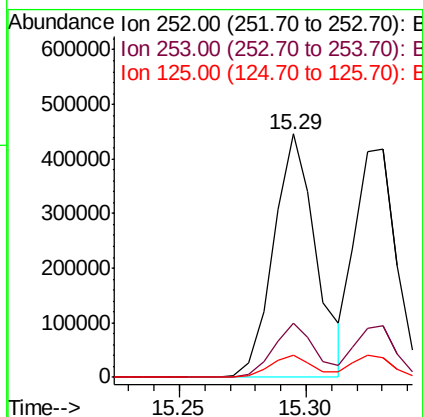
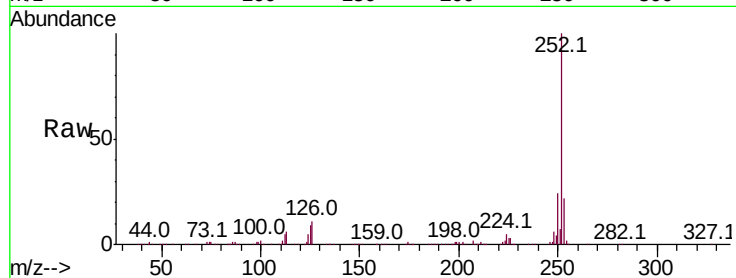




#87  
Benzo(b)fluoranthene  
Concen: 30.675 ng  
RT: 15.29 min Scan# 2203  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

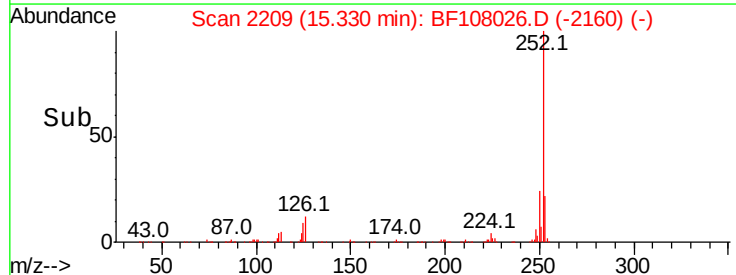
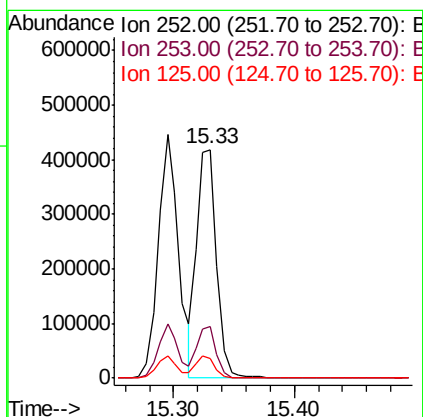
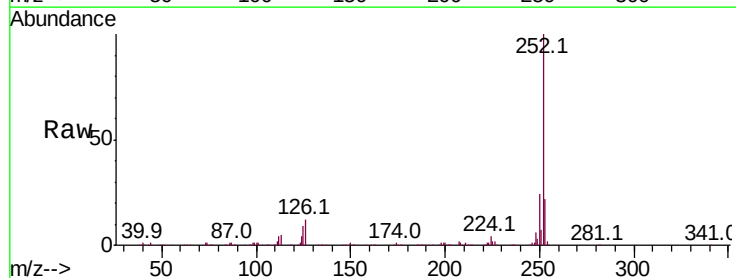
Instrument :  
BNA\_F  
ClientSampleId :

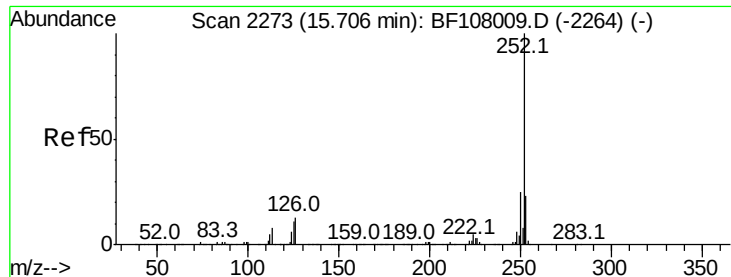
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.0  | 25.6  |
| 125     | 9.1   | 9.0   | 13.6  |



#88  
Benzo(k)fluoranthene  
Concen: 30.415 ng  
RT: 15.33 min Scan# 2209  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.9  | 26.9  |
| 125     | 8.6   | 10.2  | 15.2  |

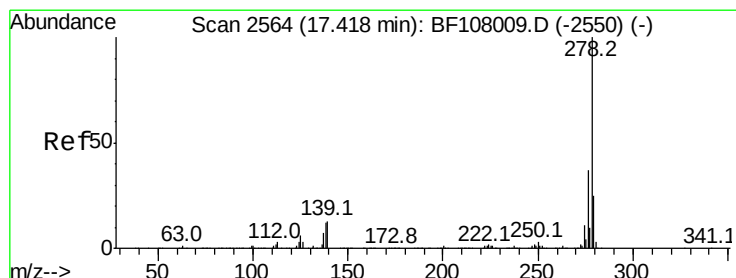
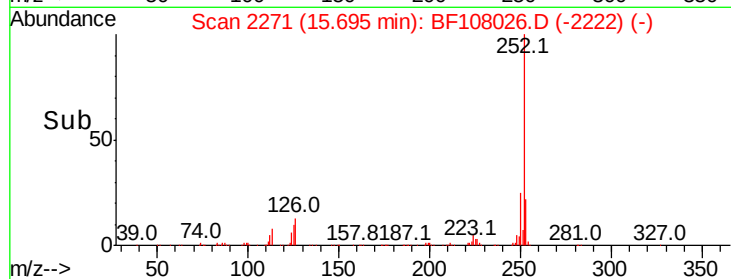
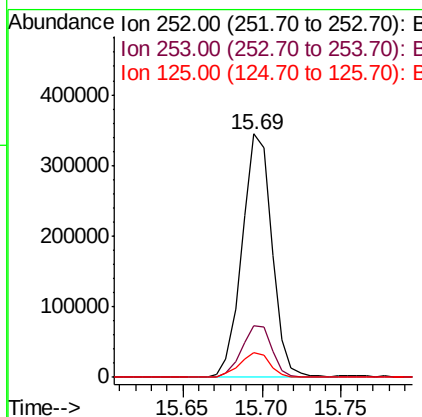
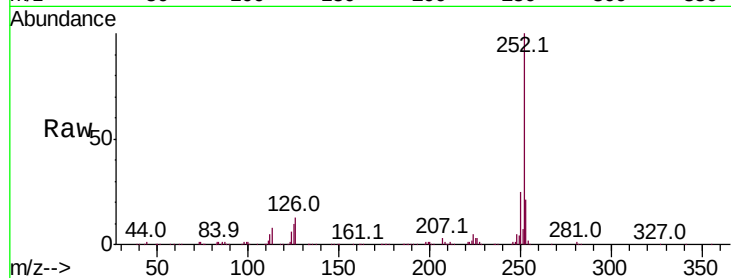




#89  
Benzo(a)pyrene  
Concen: 29.580 ng  
RT: 15.69 min Scan# 2271  
Delta R.T. -0.01 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

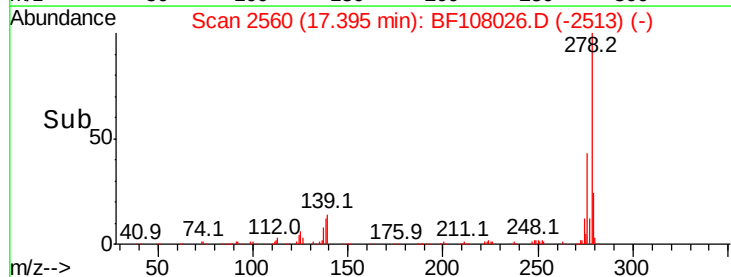
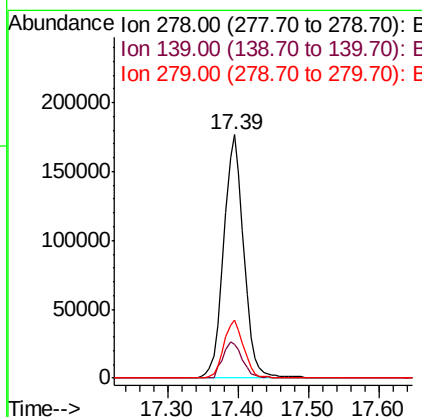
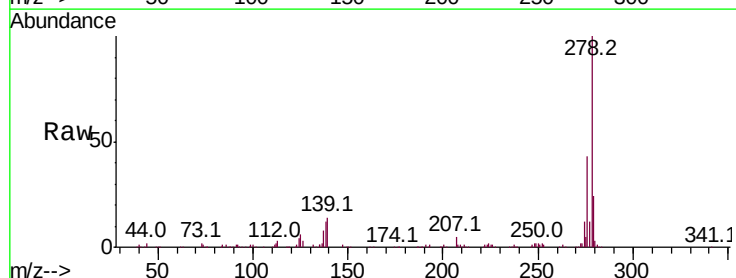
Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.1  | 25.7  |
| 125     | 10.2  | 9.8   | 14.6  |

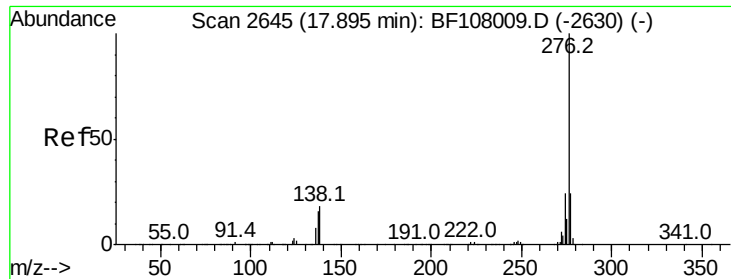


#90  
Dibenzo(a,h)anthracene  
Concen: 27.806 ng  
RT: 17.39 min Scan# 2560  
Delta R.T. -0.02 min  
Lab File: BF108026.D  
Acq: 8 Aug 2018 18:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.9  | 15.9  | 23.9# |
| 279     | 23.9  | 19.0  | 28.4  |







#91  
 Benzo(a,h,i)perylene  
 Concen: 27.206 ng  
 RT: 17.87 min Scan# 2640  
 Delta R.T. -0.03 min  
 Lab File: BF108026.D  
 Acq: 8 Aug 2018 18:17

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 17.9  | 26.9  |
| 138     | 19.1  | 21.8  | 32.8  |

