

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\  
 Data File : BF103909.D  
 Acq On : 24 Mar 2018 4:52  
 Operator : JU/SJ  
 Sample : PB107612BS  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Mar 24 05:51:03 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 23 13:26:17 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.97  | 152  | 129084   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.26  | 136  | 507898   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.02 | 164  | 218127   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.51 | 188  | 346340   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.17 | 240  | 247612   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.70 | 264  | 193213   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 648443  | 76.41 | ng | 0.01 |
| 7) Phenol-d6             | 6.60  | 99  | 800938  | 77.14 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.54  | 82  | 668891  | 91.84 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.81 | 330 | 172028  | 91.73 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.33  | 172 | 1187013 | 86.81 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.10 | 244 | 937189  | 87.85 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.89 | 88  | 123045 | 29.444 | ng | 90     |
| 3) Pyridine                    | 3.66 | 79  | 355825 | 30.957 | ng | # 86   |
| 4) n-Nitrosodimethylamine      | 3.62 | 42  | 136800 | 32.279 | ng | 81     |
| 6) Aniline                     | 6.64 | 93  | 242789 | 16.376 | ng | 95     |
| 8) 2-Chlorophenol              | 6.76 | 128 | 347653 | 39.104 | ng | 92     |
| 9) Benzaldehyde                | 6.53 | 77  | 89664  | 13.145 | ng | 93     |
| 10) Phenol                     | 6.61 | 94  | 410582 | 37.214 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.70 | 93  | 325109 | 35.695 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.92 | 146 | 353441 | 34.905 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.99 | 146 | 359924 | 35.374 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 7.15 | 146 | 332068 | 35.170 | ng | 99     |
| 15) Benzyl Alcohol             | 7.11 | 79  | 277568 | 34.503 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45  | 418617 | 32.314 | ng | 92     |
| 17) 2-Methylphenol             | 7.22 | 107 | 286474 | 36.184 | ng | 97     |
| 18) Hexachloroethane           | 7.49 | 117 | 94507  | 26.405 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.38 | 70  | 222237 | 33.398 | ng | 92     |
| 20) 3+4-Methylphenols          | 7.37 | 107 | 352419 | 35.075 | ng | 97     |
| 22) Acetophenone               | 7.38 | 105 | 444455 | 34.049 | ng | # 95   |
| 24) Nitrobenzene               | 7.56 | 77  | 336859 | 39.396 | ng | 98     |
| 25) Isophorone                 | 7.79 | 82  | 632228 | 37.499 | ng | 100    |
| 26) 2-Nitrophenol              | 7.87 | 139 | 137502 | 43.395 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.90 | 122 | 311428 | 43.117 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 8.00 | 93  | 411342 | 40.290 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.11 | 162 | 274844 | 41.825 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.20 | 180 | 281011 | 36.870 | ng | 99     |
| 31) Naphthalene                | 8.28 | 128 | 937480 | 36.540 | ng | 99     |
| 32) Benzoic acid               | 8.00 | 122 | 118092 | 28.295 | ng | 94     |
| 33) 4-Chloroaniline            | 8.32 | 127 | 112092 | 10.414 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.39 | 225 | 150944 | 36.122 | ng | 98     |
| 35) Caprolactam                | 8.70 | 113 | 90842  | 40.147 | ng | # 79   |
| 36) 4-Chloro-3-methylphenol    | 8.80 | 107 | 292017 | 40.310 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.97 | 142 | 620500 | 38.137 | ng | 100    |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.13 | 216 | 259225 | 41.657 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.12 | 237 | 31846  | 9.918  | ng | 99     |

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\  
 Data File : BF103909.D  
 Acq On : 24 Mar 2018 4:52  
 Operator : JU/SJ  
 Sample : PB107612BS  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

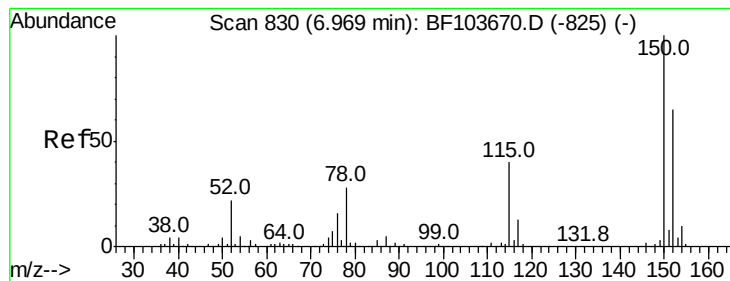
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Mar 24 05:51:03 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 23 13:26:17 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.25  | 196  | 177244   | 44.530 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.29  | 196  | 188517   | 41.962 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 9.43  | 154  | 717248   | 39.434 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.46  | 162  | 560396   | 38.791 | ng    | 99       |
| 47) 2-Nitroaniline             | 9.56  | 65   | 173192   | 46.136 | ng    | 98       |
| 48) Acenaphthylene             | 9.88  | 152  | 830697   | 37.081 | ng    | 99       |
| 49) Dimethylphthalate          | 9.73  | 163  | 685111   | 41.168 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.80  | 165  | 128633   | 40.624 | ng    | 88       |
| 51) Acenaphthene               | 10.05 | 154  | 498010   | 37.440 | ng    | 98       |
| 52) 3-Nitroaniline             | 9.97  | 138  | 151601   | 39.984 | ng    | 95       |
| 53) 2,4-Dinitrophenol          | 10.07 | 184  | 21928    | 38.033 | ng    | # 21     |
| 54) Dibenzofuran               | 10.22 | 168  | 738479   | 38.872 | ng    | 98       |
| 55) 4-Nitrophenol              | 10.13 | 139  | 217098   | 71.797 | ng    | 84       |
| 56) 2,4-Dinitrotoluene         | 10.20 | 165  | 156634   | 39.647 | ng    | # 88     |
| 57) Fluorene                   | 10.57 | 166  | 558634   | 37.895 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.34 | 232  | 139931   | 43.957 | ng    | 92       |
| 59) Diethylphthalate           | 10.43 | 149  | 654959   | 39.652 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.56 | 204  | 267754   | 39.743 | ng    | 95       |
| 61) 4-Nitroaniline             | 10.59 | 138  | 157511   | 42.853 | ng    | 92       |
| 62) Azobenzene                 | 10.72 | 77   | 564004   | 33.586 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.61 | 198  | 17129    | 21.533 | ng    | 95       |
| 65) n-Nitrosodiphenylamine     | 10.67 | 169  | 508487   | 43.133 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.05 | 248  | 156125   | 43.905 | ng    | # 85     |
| 67) Hexachlorobenzene          | 11.12 | 284  | 164756   | 40.594 | ng    | 96       |
| 68) Atrazine                   | 11.20 | 200  | 149875   | 41.098 | ng    | 99       |
| 69) Pentachlorophenol          | 11.31 | 266  | 150835   | 64.643 | ng    | 96       |
| 70) Phenanthrene               | 11.54 | 178  | 740035   | 39.061 | ng    | 99       |
| 71) Anthracene                 | 11.59 | 178  | 762169   | 39.609 | ng    | 99       |
| 72) Carbazole                  | 11.74 | 167  | 706180   | 37.758 | ng    | 99       |
| 73) Di-n-butylphthalate        | 12.06 | 149  | 944481   | 42.087 | ng    | 100      |
| 74) Fluoranthene               | 12.73 | 202  | 736625   | 37.740 | ng    | 100      |
| 76) Benzidine                  | 12.85 | 184  | 599378   | 56.755 | ng    | 98       |
| 77) Pyrene                     | 12.96 | 202  | 730610   | 40.178 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.57 | 149  | 360609   | 44.759 | ng    | 93       |
| 80) Benzo(a)anthracene         | 14.16 | 228  | 614642   | 39.215 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 14.11 | 252  | 228724   | 43.626 | ng    | 97       |
| 82) Chrysene                   | 14.19 | 228  | 576371   | 38.576 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.12 | 149  | 504142   | 43.802 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 14.75 | 149  | 834786   | 49.854 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.29 | 276  | 446240   | 34.200 | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 15.24 | 252  | 495490   | 40.592 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 15.28 | 252  | 471068   | 40.146 | ng    | 97       |
| 89) Benzo(a)pyrene             | 15.64 | 252  | 434712   | 39.264 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 17.31 | 278  | 383318   | 39.984 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.77 | 276  | 364013   | 39.030 | ng    | 96       |

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



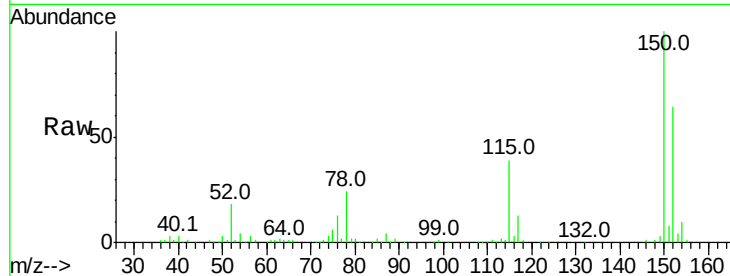


#1

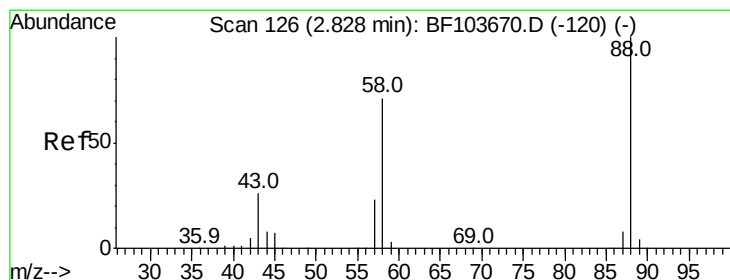
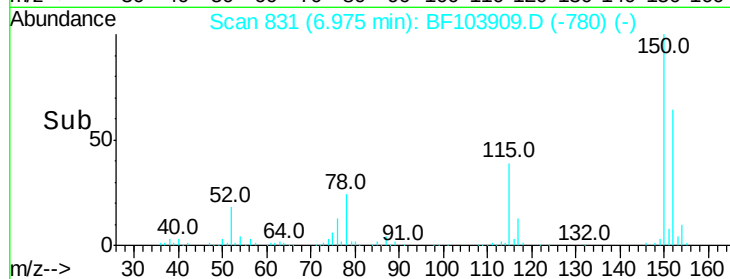
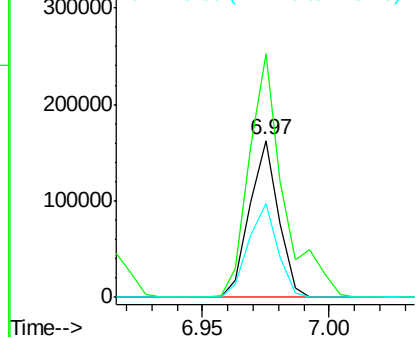
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.97 min Scan# 831  
Delta R.T. 0.00 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 129084  
Ion Ratio Lower Upper  
152 100  
150 155.1 124.6 186.8  
115 60.2 50.1 75.1



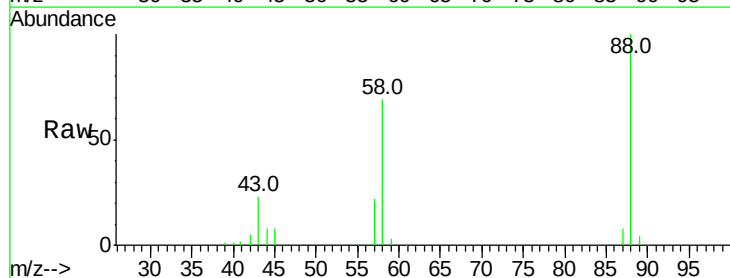
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



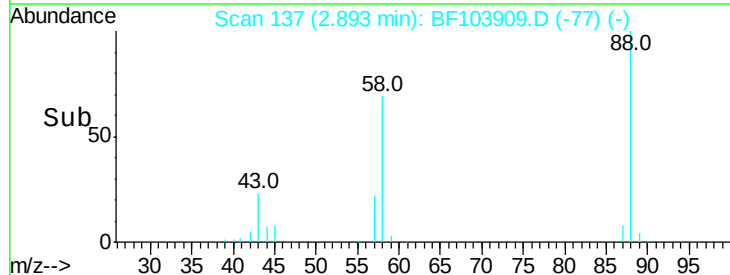
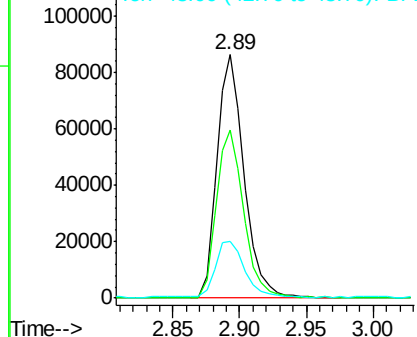
#2

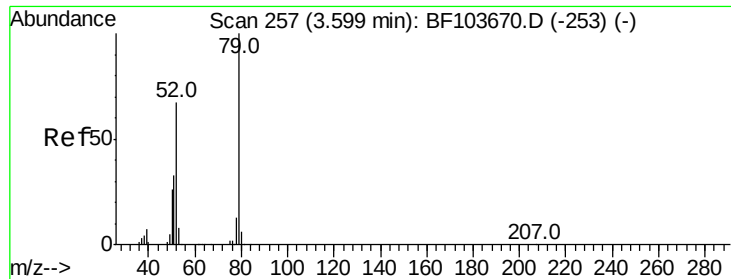
1,4-Dioxane  
Concen: 29.444 ng  
RT: 2.89 min Scan# 137  
Delta R.T. 0.05 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Tgt Ion: 88 Resp: 123045  
Ion Ratio Lower Upper  
88 100  
58 69.9 62.6 93.8  
43 24.8 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: 30.957 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.04 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampled :

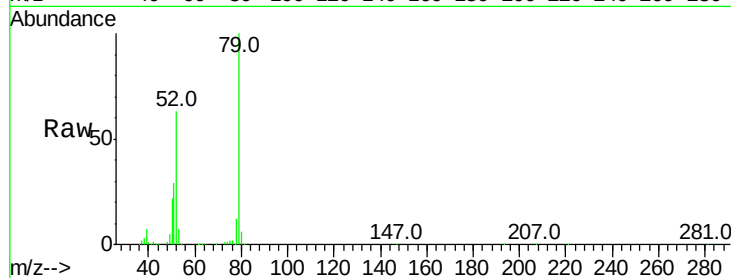
Tot Ion: 79 Resp: 355825

Ion Ratio Lower Upper

79 100

52 63.0 59.8 89.6

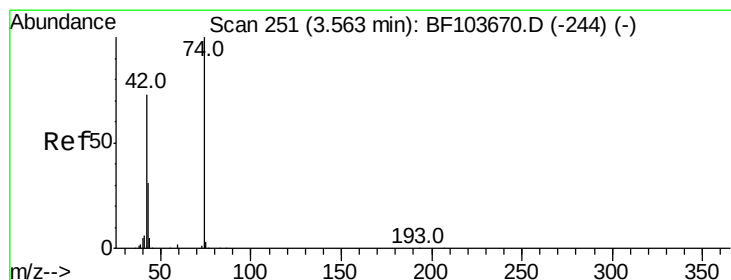
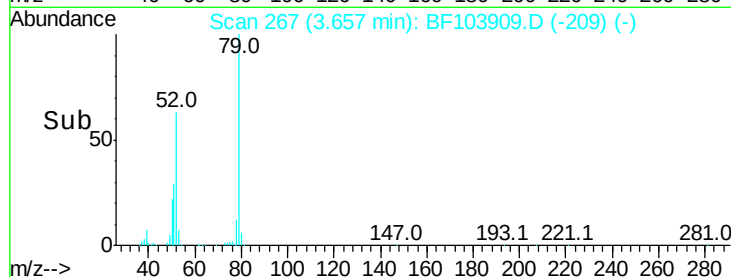
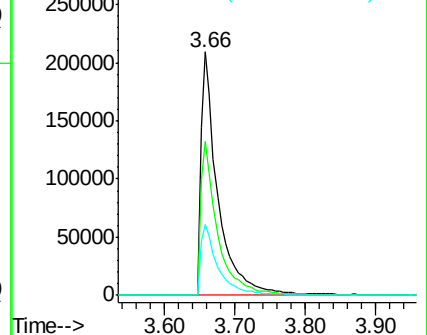
51 29.0 29.8 44.8#



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: 32.279 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.04 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

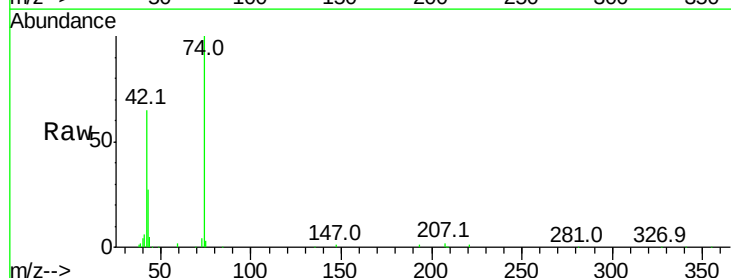
Tgt Ion: 42 Resp: 136800

Ion Ratio Lower Upper

42 100

74 154.2 104.9 157.3

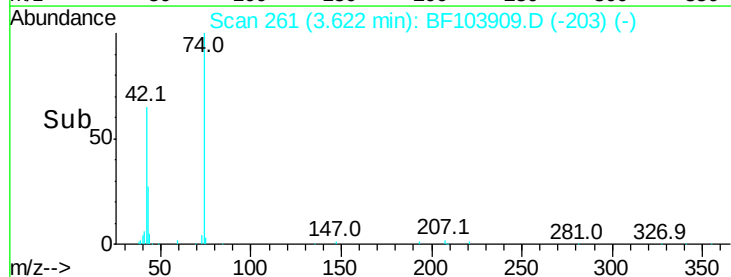
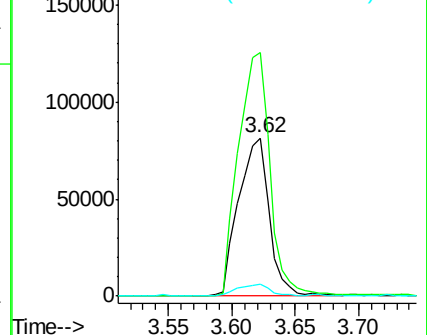
44 7.8 6.9 10.3

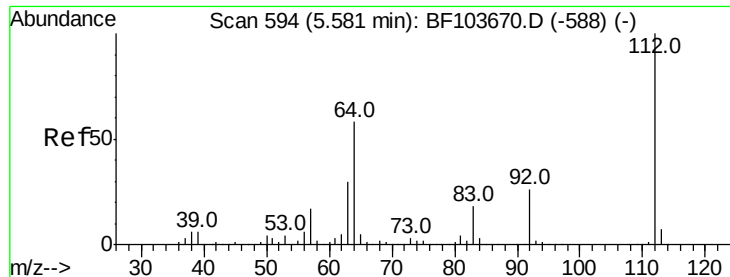


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.406 ng

RT: 5.60 min Scan# 598

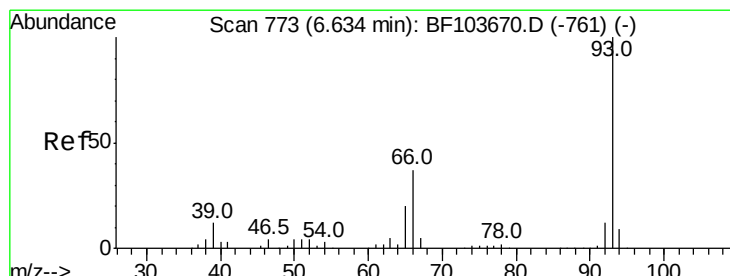
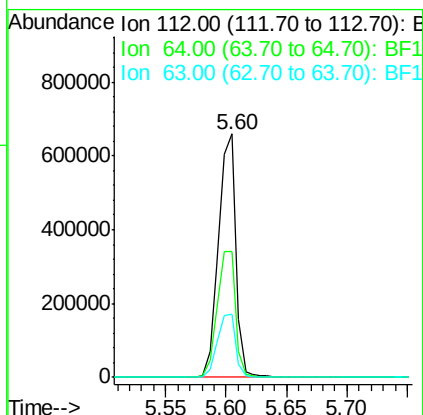
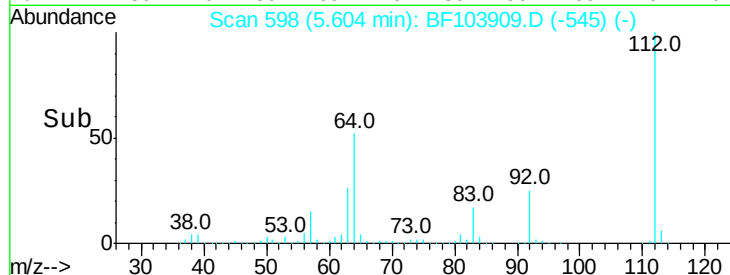
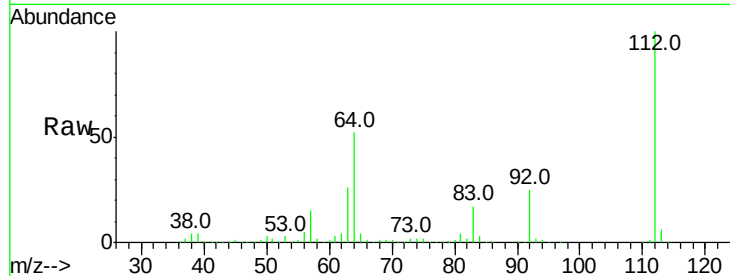
Delta R.T. 0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :  
BNA\_F  
ClientSampled :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 648443 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 51.9  | 47.9  | 71.9   |
| 63        | 25.8  | 23.7  | 35.5   |



#6

Aniline

Concen: 16.376 ng

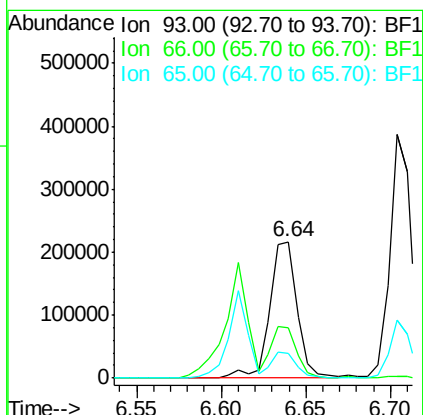
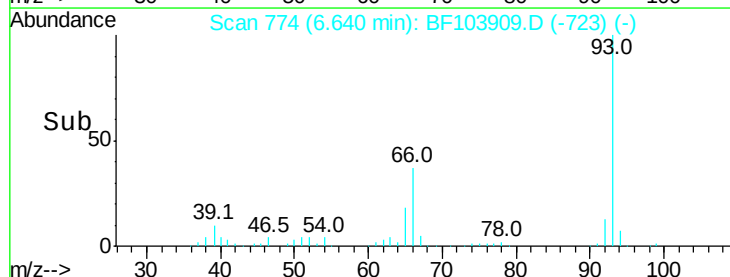
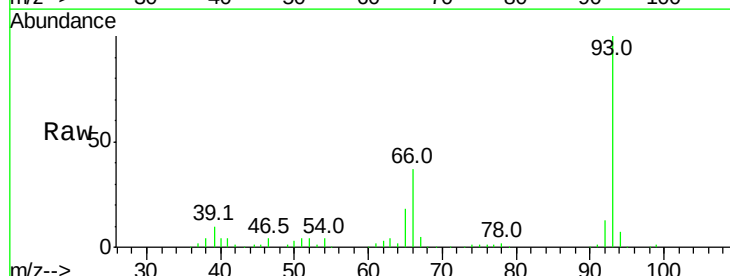
RT: 6.64 min Scan# 774

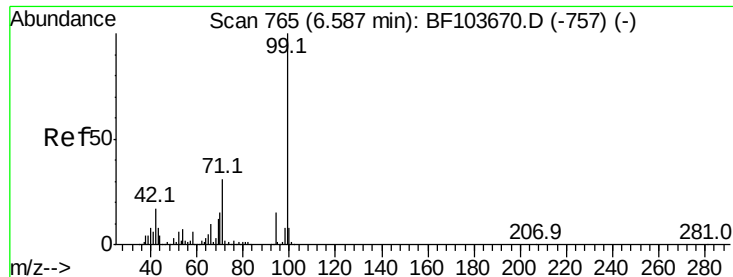
Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 242789 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 37.3  | 32.2  | 48.2   |
| 65        | 18.4  | 16.4  | 24.6   |





#7

Phenol-d6

Concen: 77.139 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

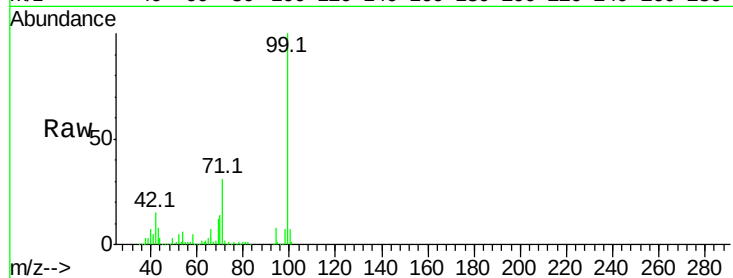
Tot Ion: 99 Resp: 800938

Ion Ratio Lower Upper

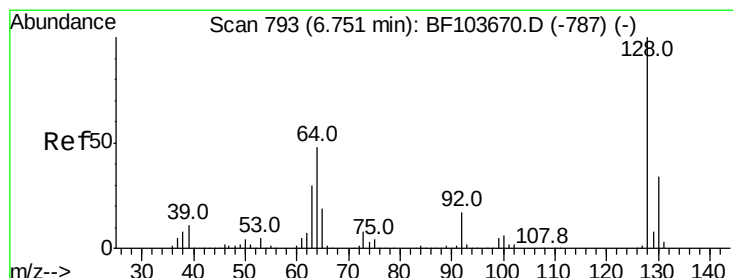
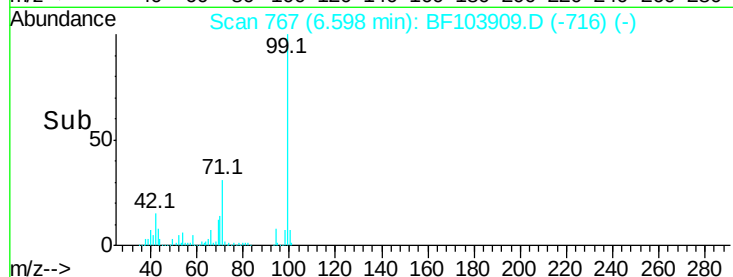
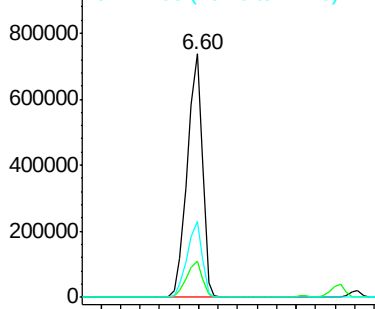
99 100

42 14.8 14.5 21.7

71 31.4 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: 39.104 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

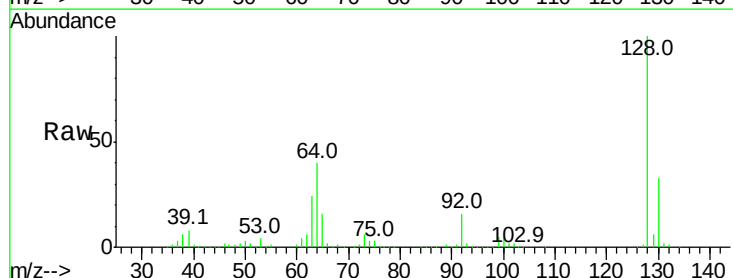
Tgt Ion: 128 Resp: 347653

Ion Ratio Lower Upper

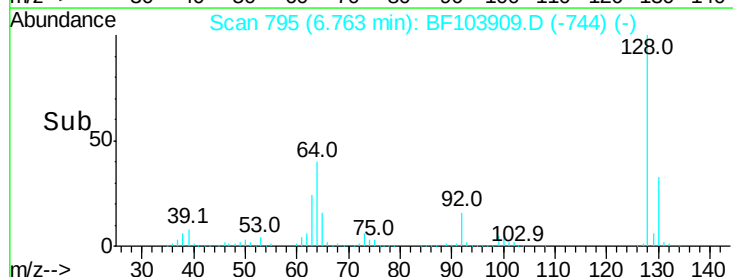
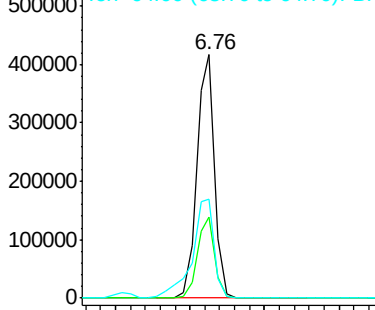
128 100

130 33.1 13.0 53.0

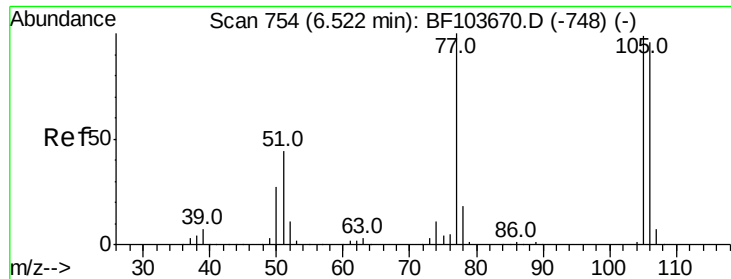
64 40.4 29.4 69.4



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: 13.145 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampled :

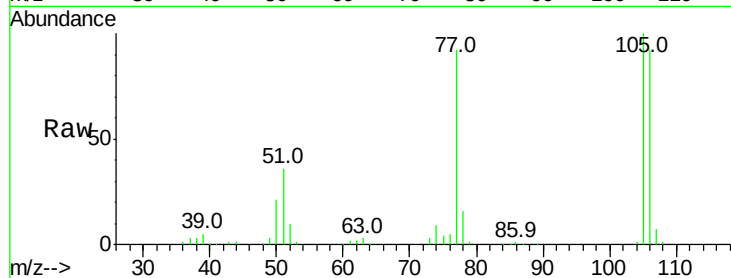
Tot Ion: 77 Resp: 89664

Ion Ratio Lower Upper

77 100

105 108.8 81.1 121.1

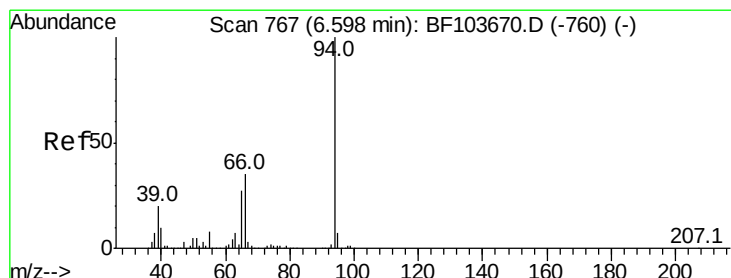
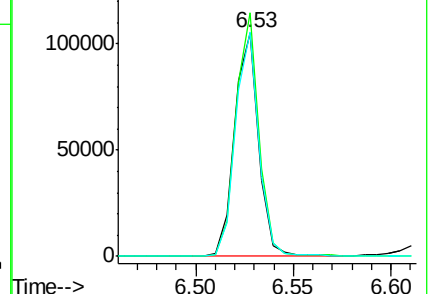
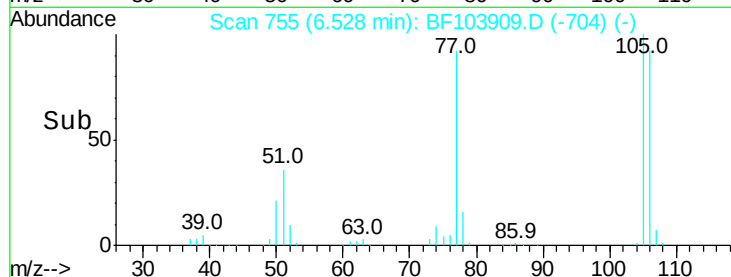
106 100.6 74.5 114.5



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: 37.214 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

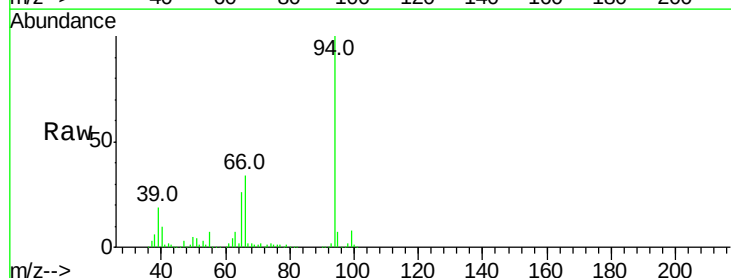
Tgt Ion: 94 Resp: 410582

Ion Ratio Lower Upper

94 100

65 25.6 7.9 47.9

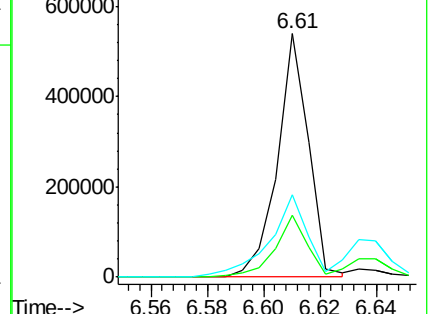
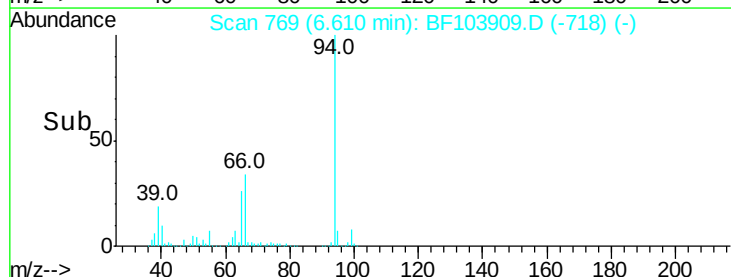
66 34.0 16.2 56.2



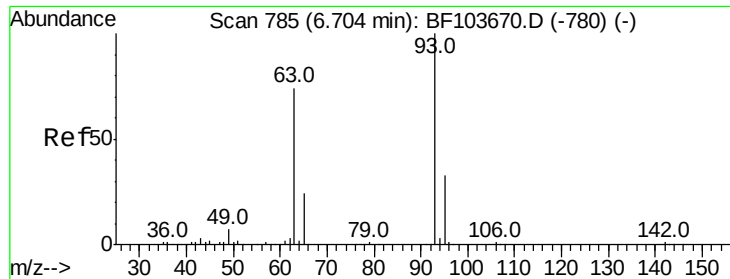
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







#11

bis(2-Chloroethyl)ether

Concen: 35.695 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

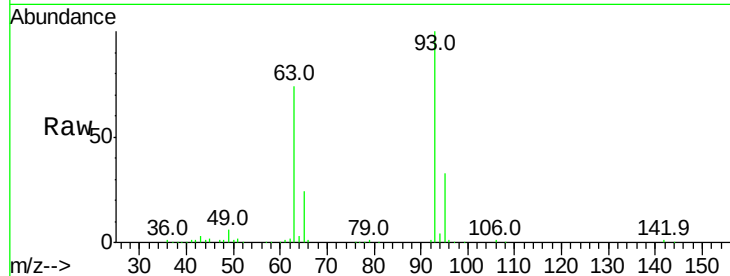
Tot Ion: 93 Resp: 325109

Ion Ratio Lower Upper

93 100

63 74.3 58.6 98.6

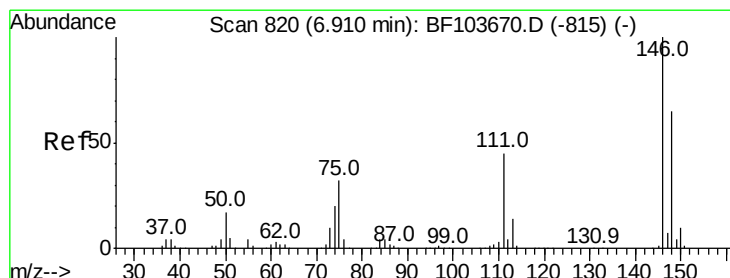
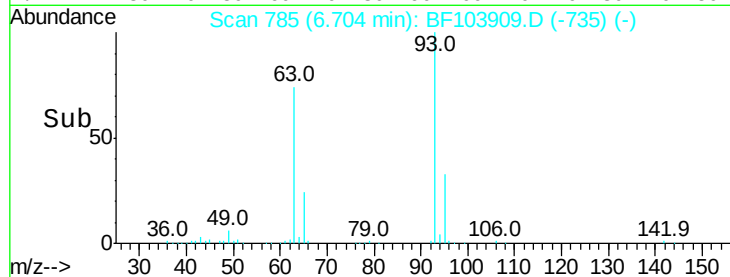
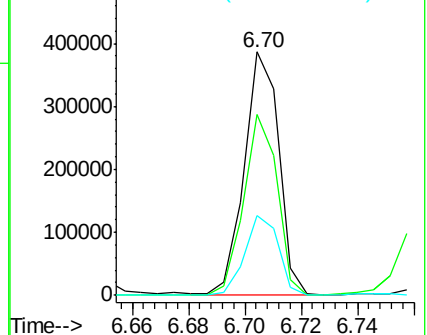
95 32.6 11.8 51.8



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: 34.905 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

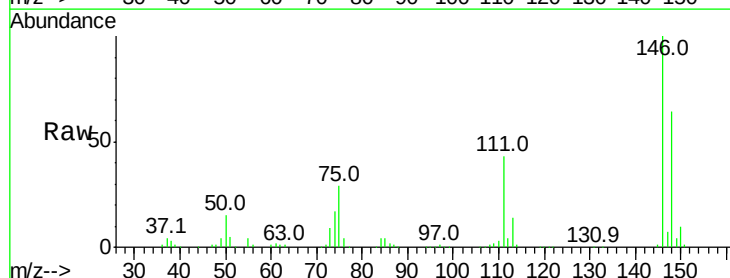
Tgt Ion: 146 Resp: 353441

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

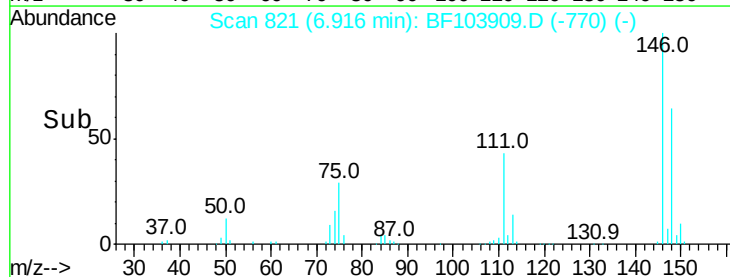
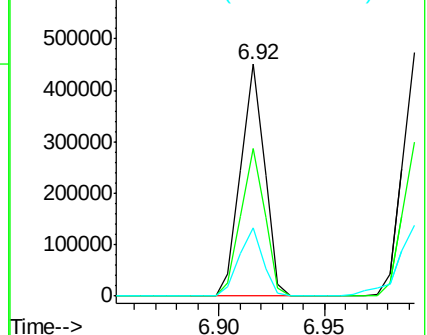
75 29.2 24.2 36.4

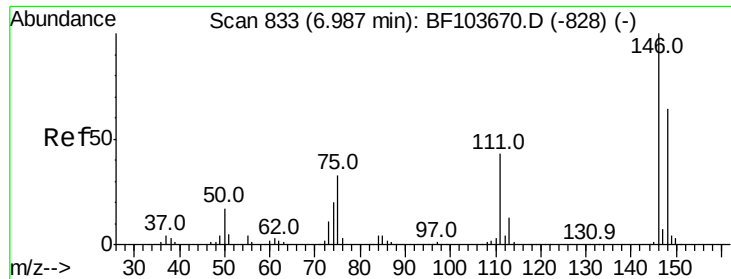


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

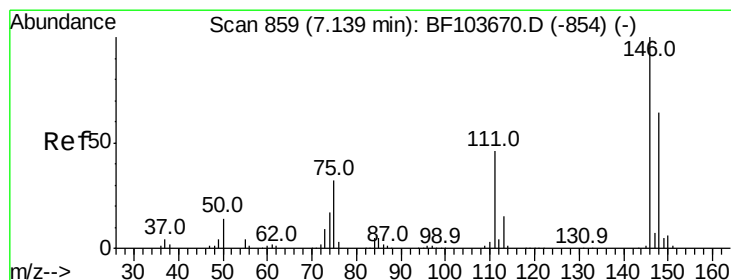
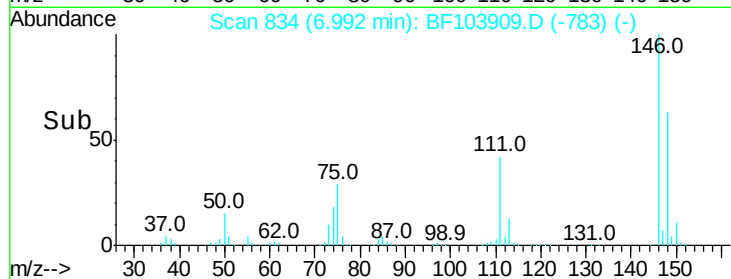
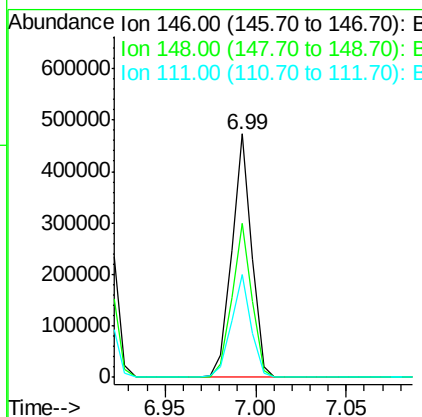
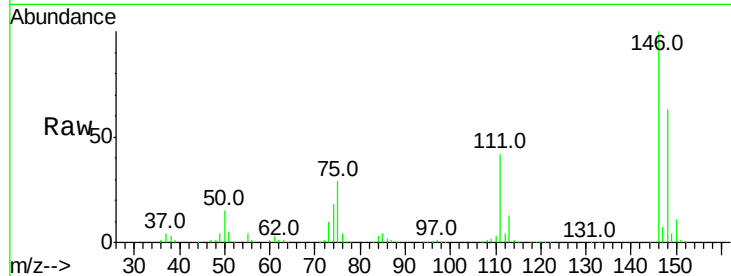




#13  
 1,4-Dichlorobenzene  
 Concen: 35.374 ng  
 RT: 6.99 min Scan# 834  
 Delta R.T. -0.00 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

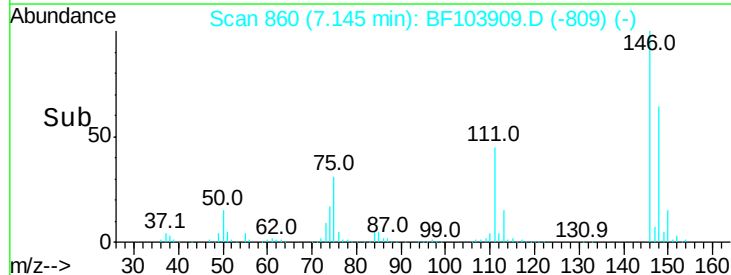
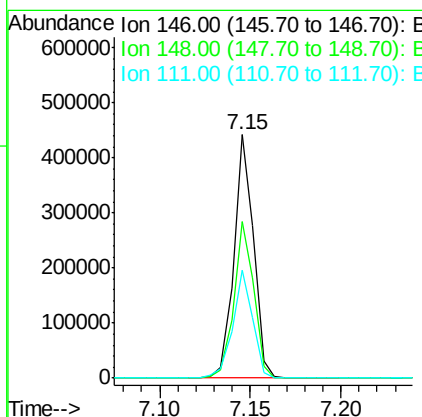
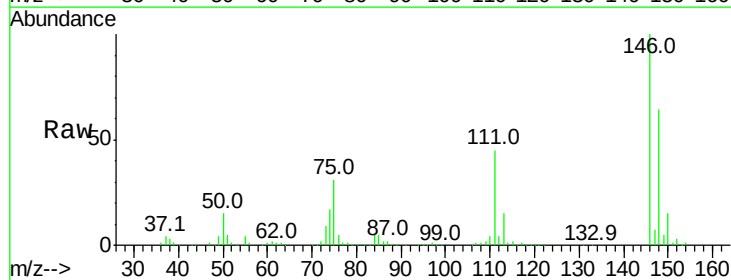
Instrument :  
 BNA\_F  
 ClientSampled :

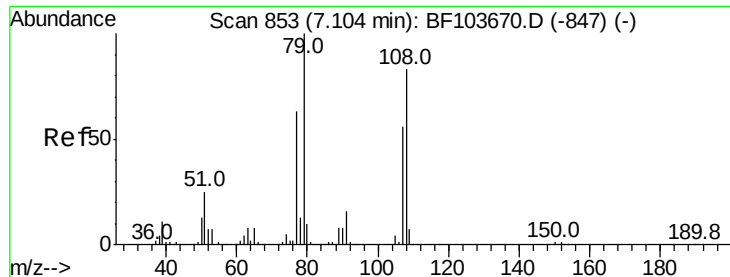
Tot Ion:146 Resp: 359924  
 Ion Ratio Lower Upper  
 146 100  
 148 63.4 50.8 76.2  
 111 42.2 34.2 51.2



#14  
 1,2-Dichlorobenzene  
 Concen: 35.170 ng  
 RT: 7.15 min Scan# 860  
 Delta R.T. -0.00 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

Tgt Ion:146 Resp: 332068  
 Ion Ratio Lower Upper  
 146 100  
 148 64.5 50.6 75.8  
 111 44.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.503 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

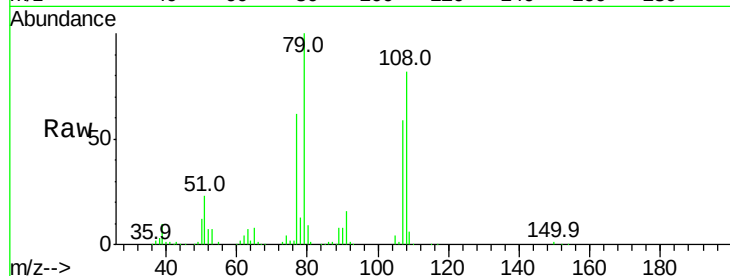
Tot Ion: 79 Resp: 277568

Ion Ratio Lower Upper

79 100

108 82.0 65.1 97.7

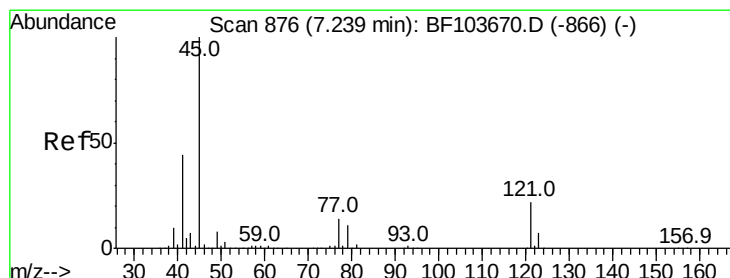
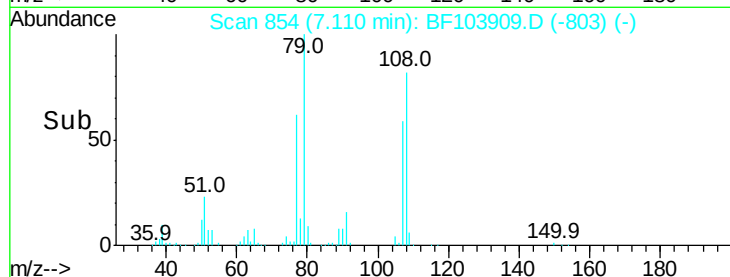
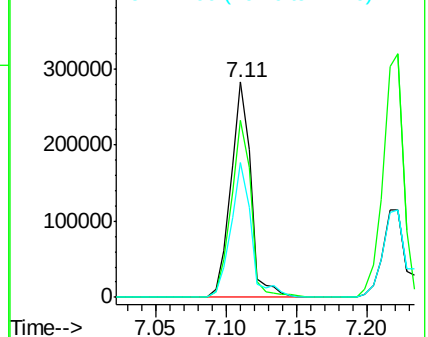
77 62.5 50.6 75.8



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: 32.314 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

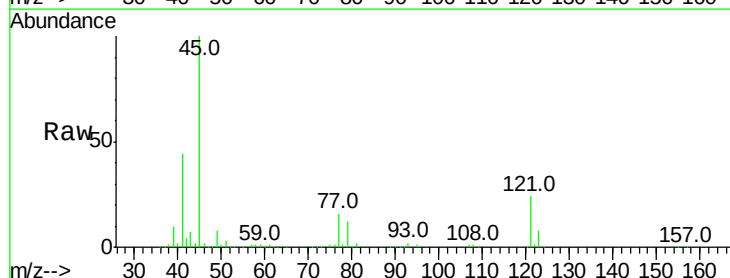
Tgt Ion: 45 Resp: 418617

Ion Ratio Lower Upper

45 100

77 16.3 0.0 32.9

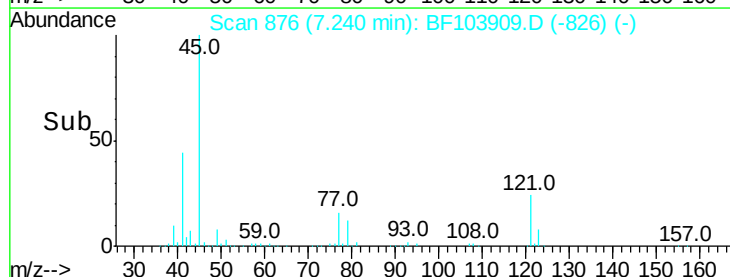
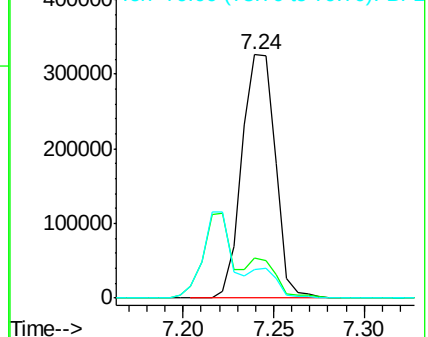
79 11.9 0.0 29.6

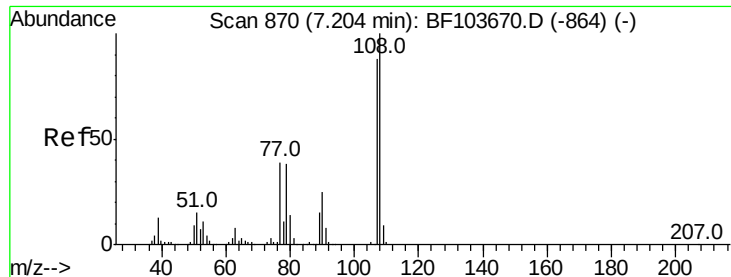


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 36.184 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampled :

Tot Ion:107 Resp: 286474

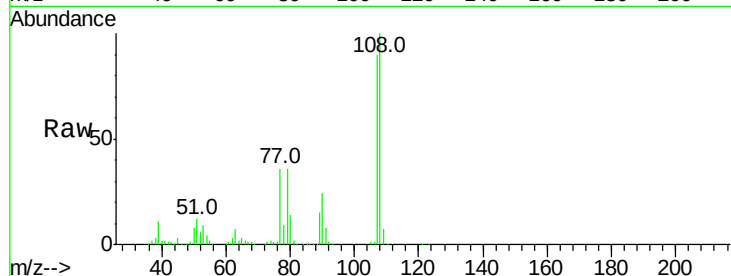
Ion Ratio Lower Upper

107 100

108 111.5 91.7 137.5

77 39.9 33.8 50.8

79 40.1 33.8 50.8

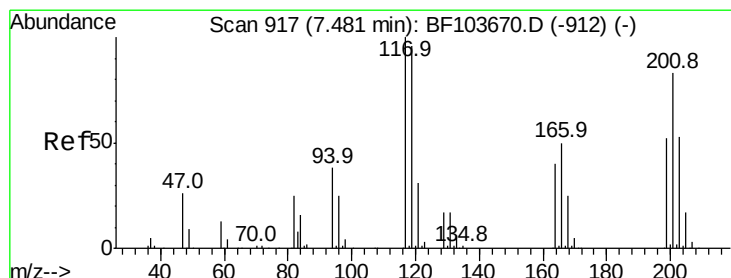
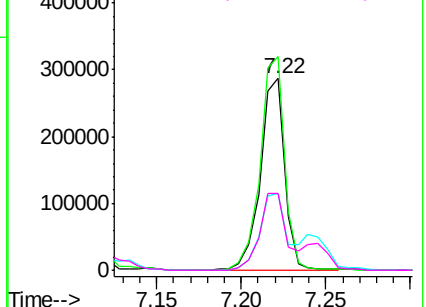
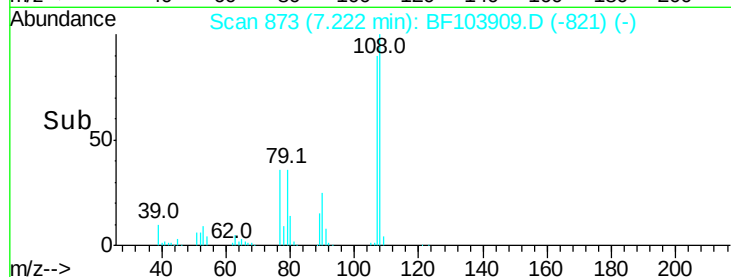


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 26.405 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

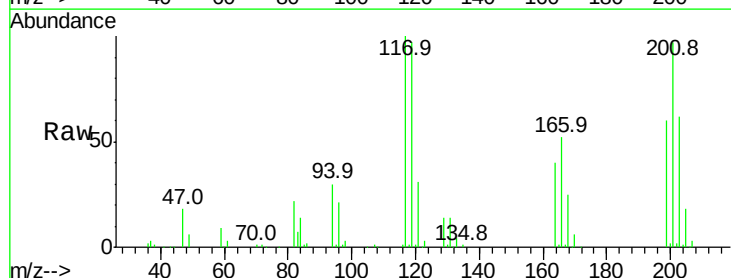
Tgt Ion:117 Resp: 94507

Ion Ratio Lower Upper

117 100

119 97.4 75.8 113.8

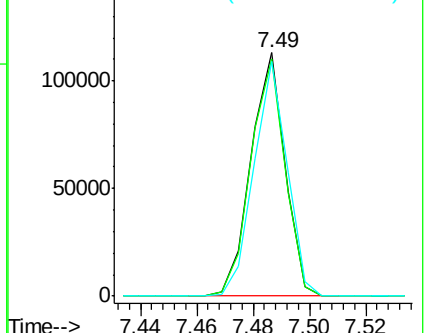
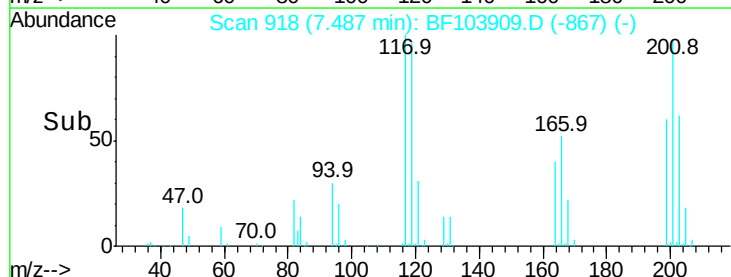
201 96.5 75.7 113.5

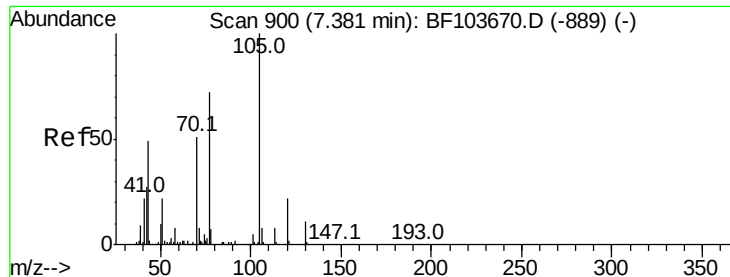


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

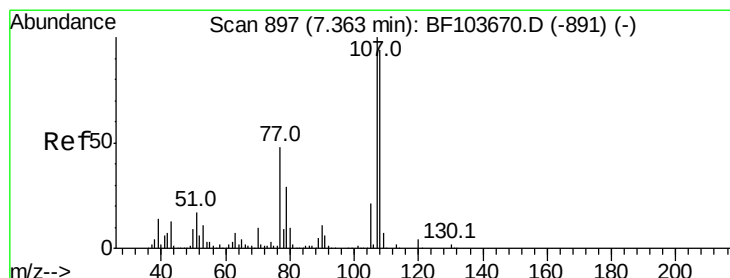
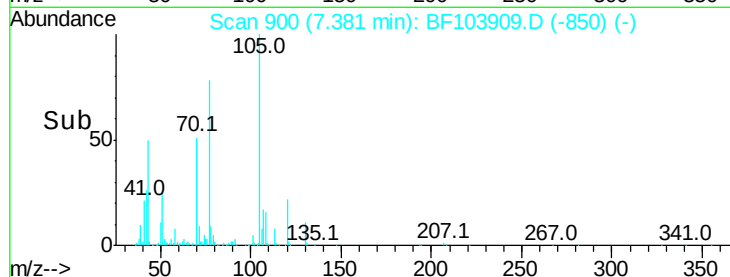
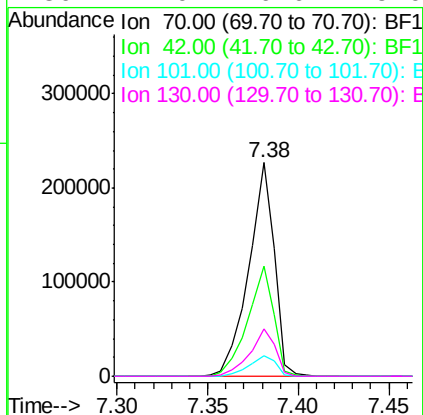
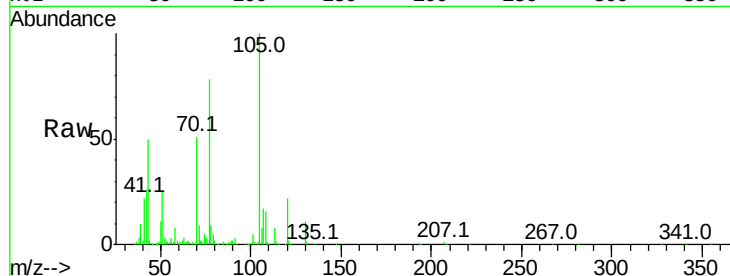




#19  
n-Nitroso-di-n-propylamine  
Concen: 33.398 ng  
RT: 7.38 min Scan# 900  
Delta R.T. -0.01 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

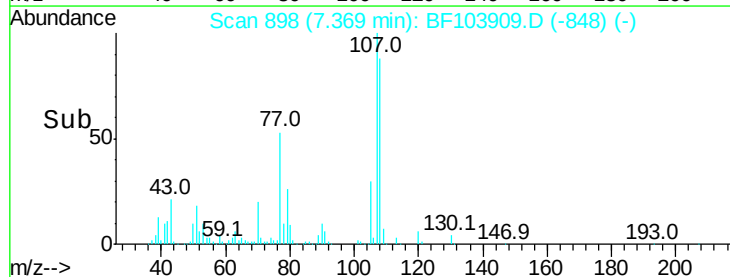
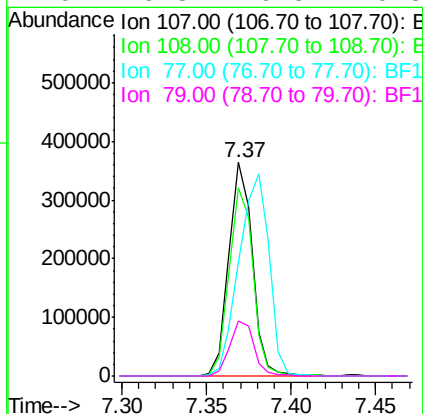
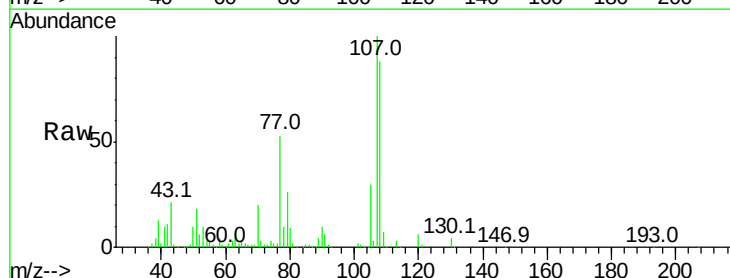
Instrument :  
BNA\_F  
ClientSampleId :

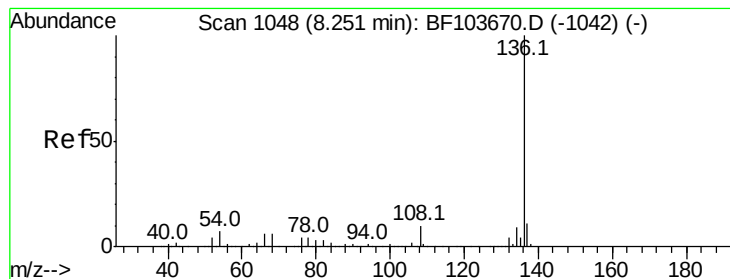
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 222237 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 51.5  | 47.5  | 71.3   |
| 101      | 9.5   | 7.4   | 11.2   |
| 130      | 22.0  | 16.6  | 25.0   |



#20  
3+4-Methylphenols  
Concen: 35.075 ng  
RT: 7.37 min Scan# 898  
Delta R.T. -0.01 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 352419 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.0  | 68.2  | 108.2  |
| 77       | 53.4  | 26.7  | 66.7   |
| 79       | 25.8  | 6.3   | 46.3   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 507898

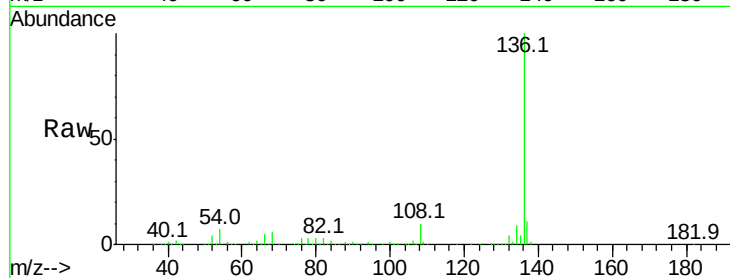
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 6.6 9.8

68 6.4 5.0 7.4

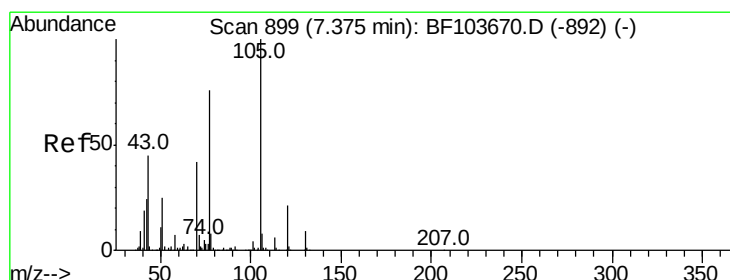
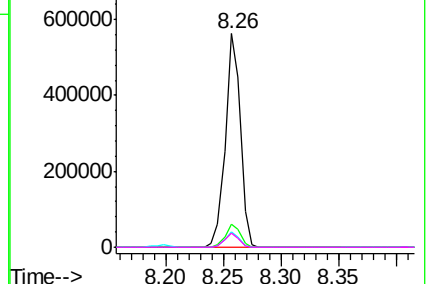
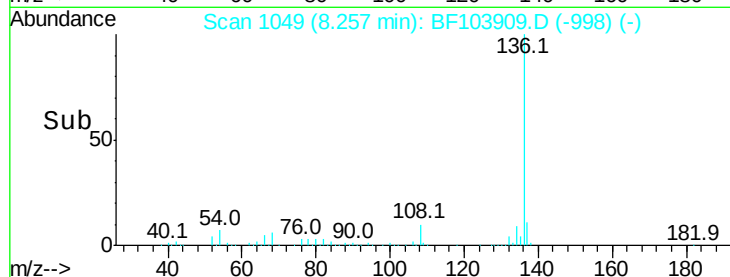


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.049 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Tgt Ion:105 Resp: 444455

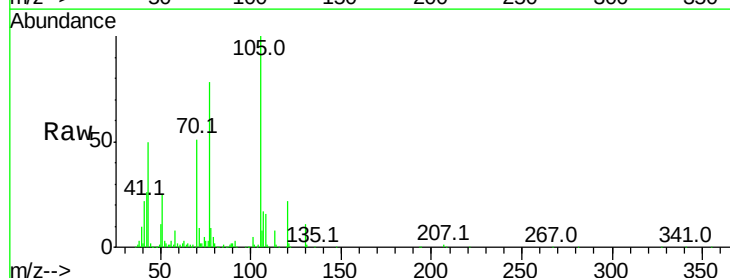
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 24.6 22.3 33.5

120 21.5 16.9 25.3

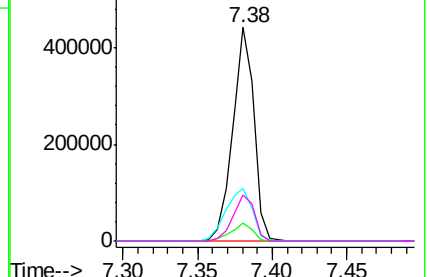
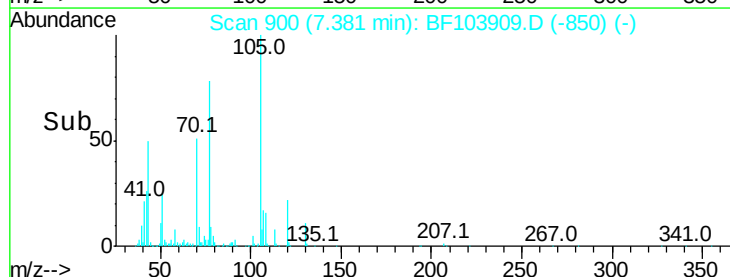


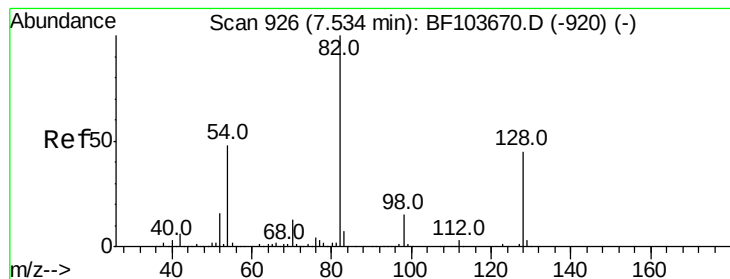
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 91.841 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

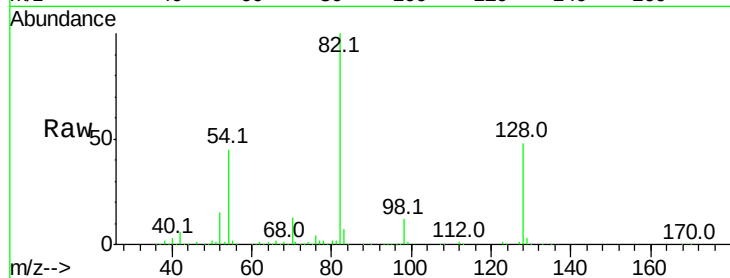
Tot Ion: 82 Resp: 668891

Ion Ratio Lower Upper

82 100

128 47.8 36.1 54.1

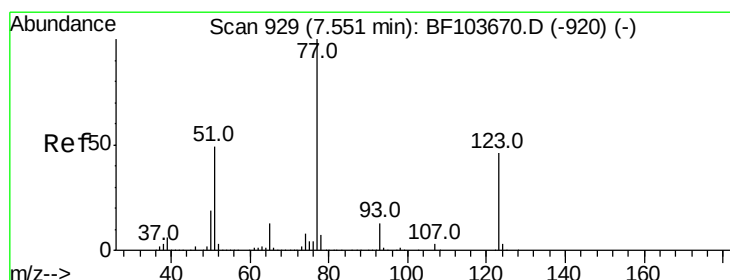
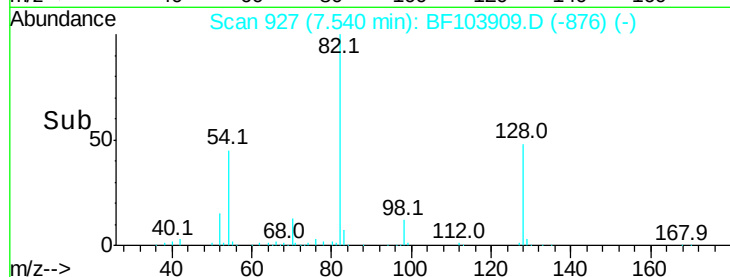
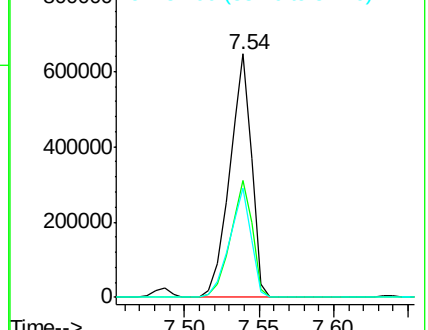
54 44.7 41.4 62.2



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: 39.396 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

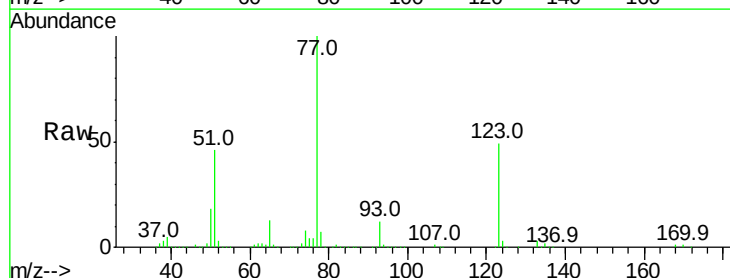
Tgt Ion: 77 Resp: 336859

Ion Ratio Lower Upper

77 100

123 49.1 37.9 56.9

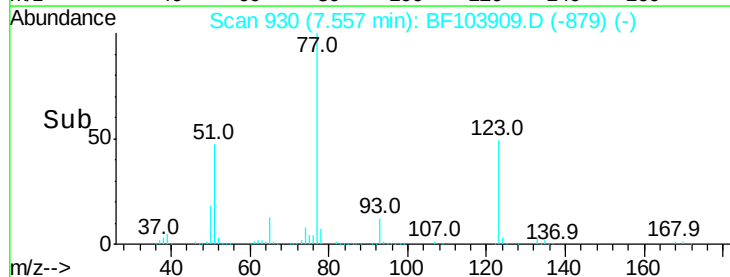
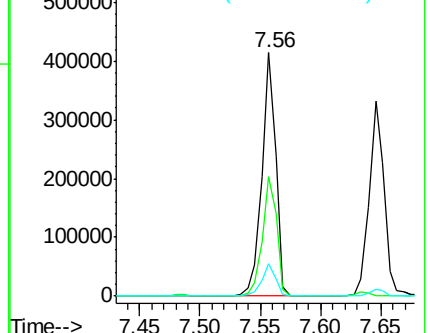
65 13.2 11.0 16.4



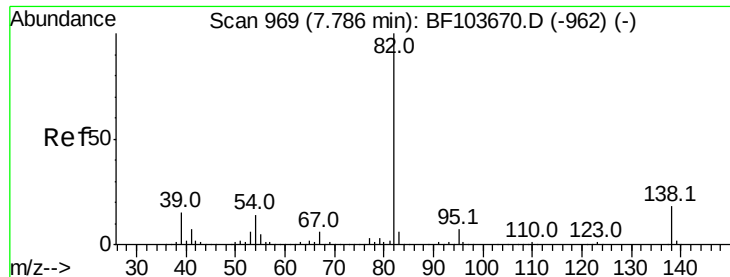
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1







#25

Isophorone

Concen: 37.499 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

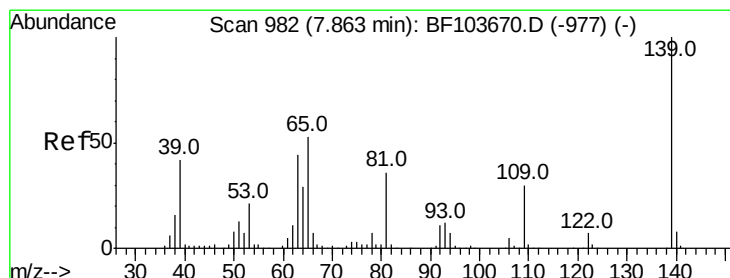
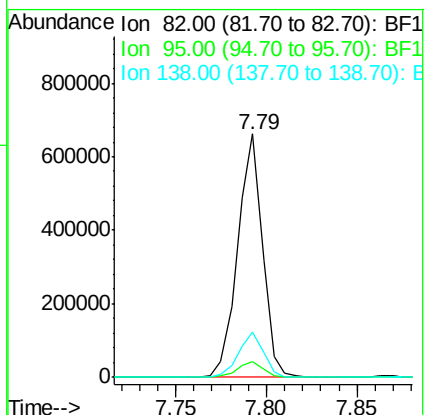
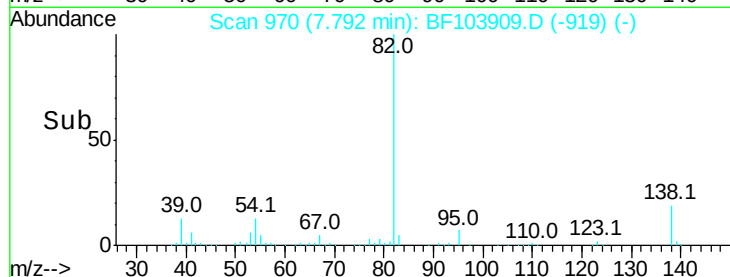
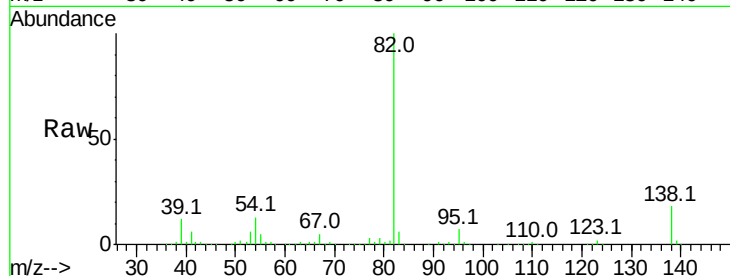
Tot Ion: 82 Resp: 632228

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 43.395 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

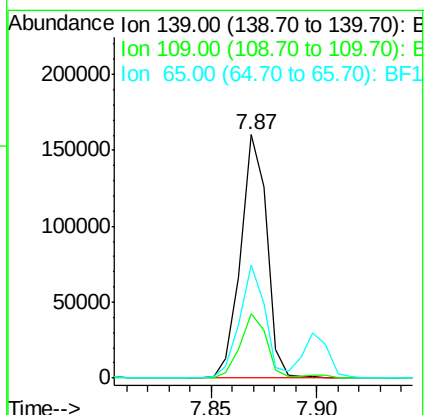
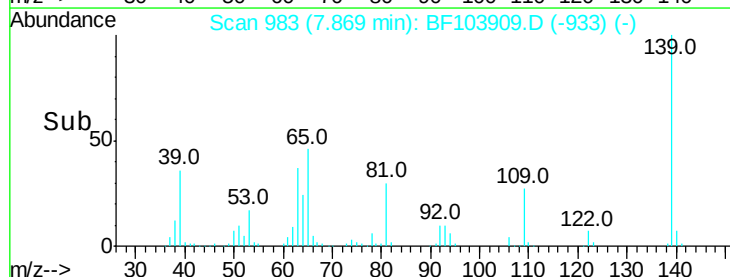
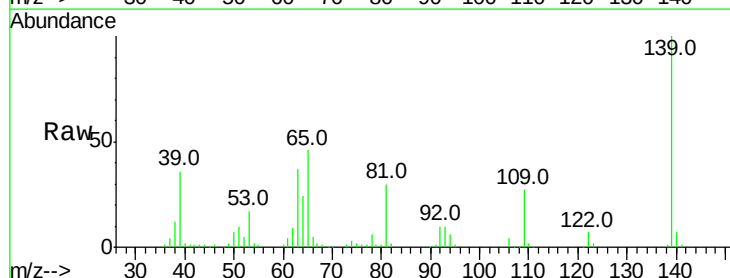
Tgt Ion: 139 Resp: 137502

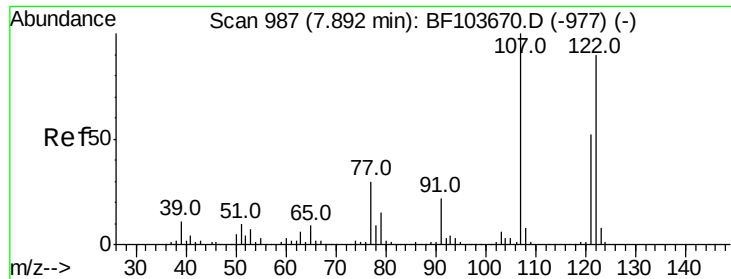
Ion Ratio Lower Upper

139 100

109 26.6 22.7 34.1

65 46.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.117 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampled :

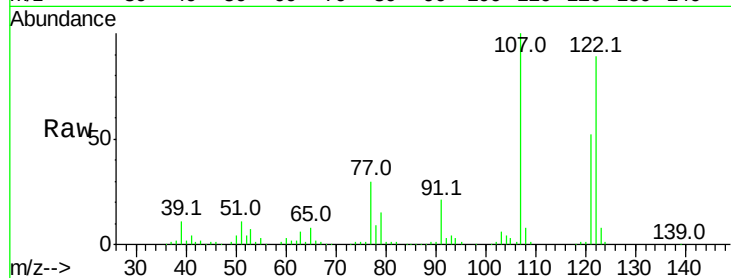
Tot Ion:122 Resp: 311428

Ion Ratio Lower Upper

122 100

107 112.5 91.2 136.8

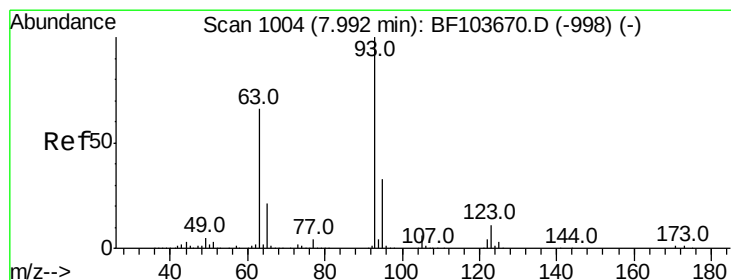
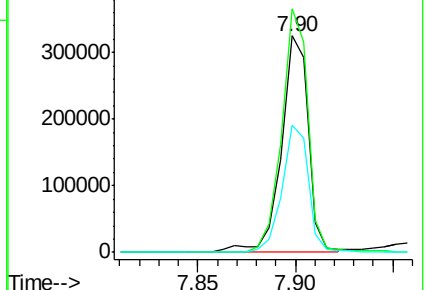
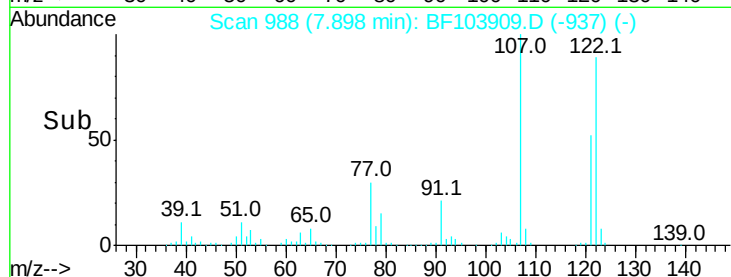
121 58.6 47.2 70.8



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: 40.290 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

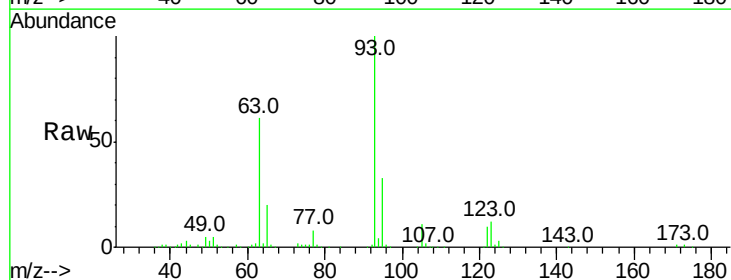
Tgt Ion: 93 Resp: 411342

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

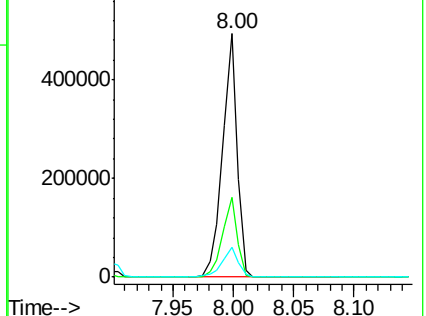
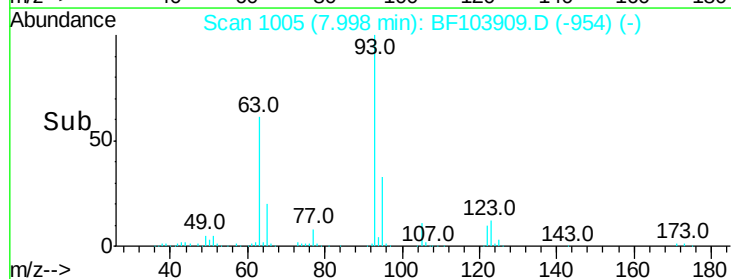
123 12.1 9.8 14.6

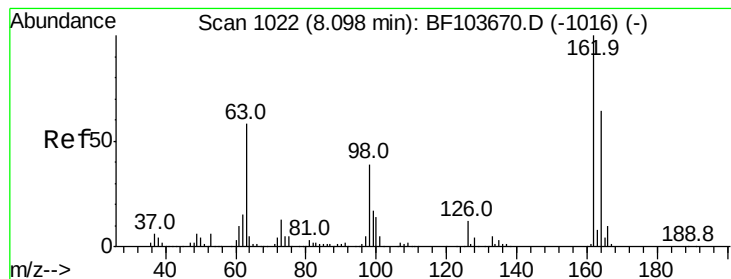


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.825 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

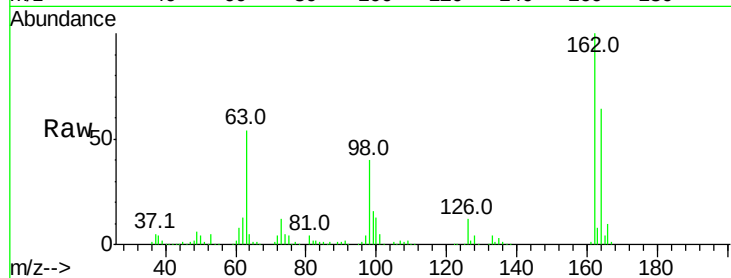
Tot Ion:162 Resp: 274844

Ion Ratio Lower Upper

162 100

164 63.9 42.7 82.7

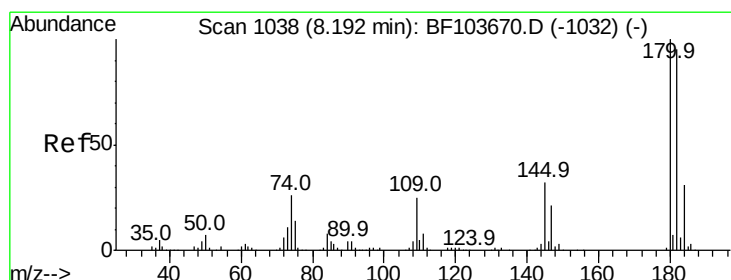
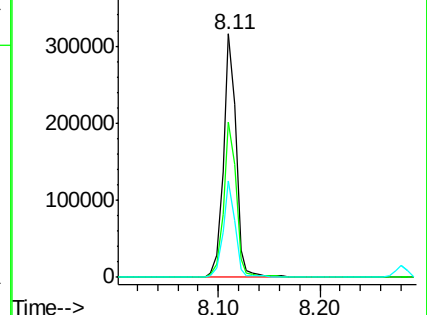
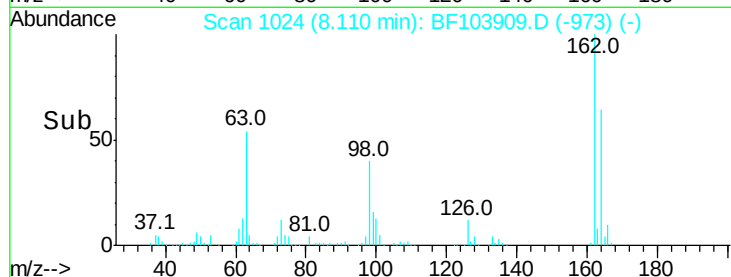
98 39.8 18.1 58.1



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: 36.870 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

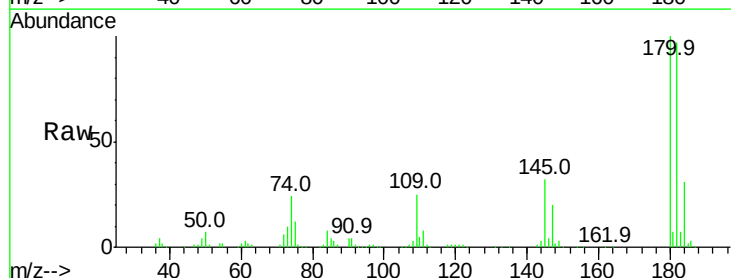
Tgt Ion:180 Resp: 281011

Ion Ratio Lower Upper

180 100

182 97.0 76.8 115.2

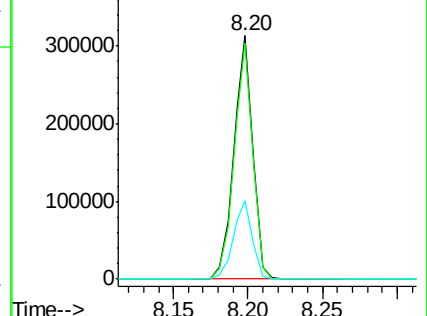
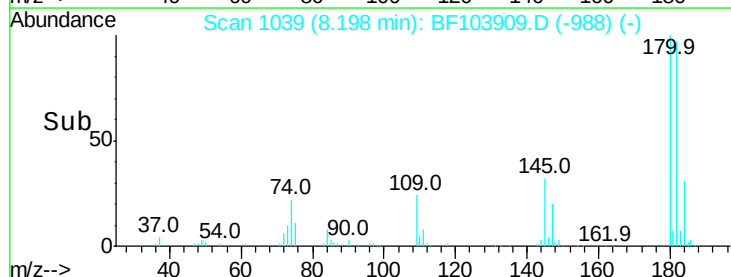
145 32.0 26.5 39.7

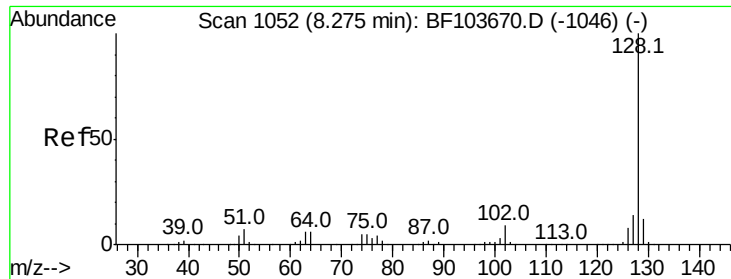


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

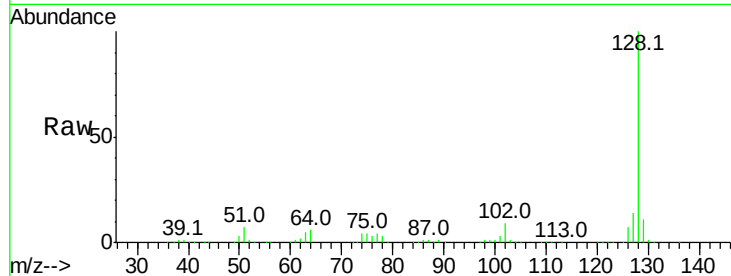




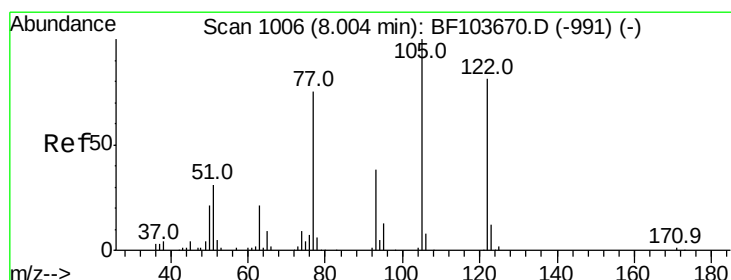
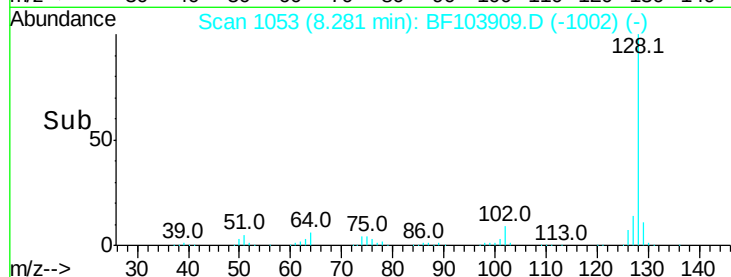
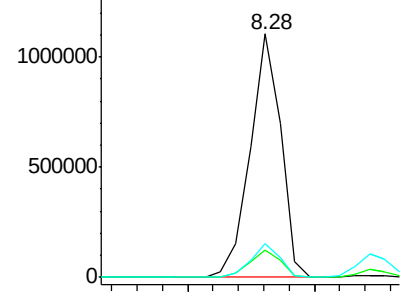
#31  
Naphthalene  
Concen: 36.540 ng  
RT: 8.28 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:128 Resp: 937480  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.7 10.9 16.3

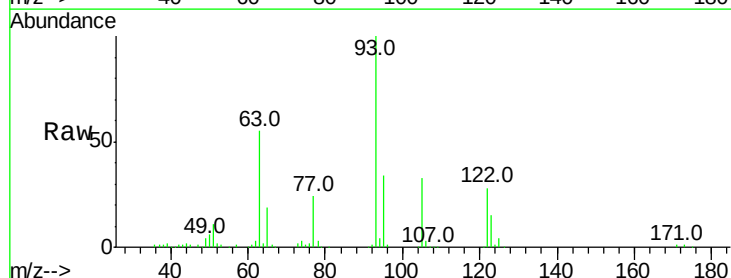


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

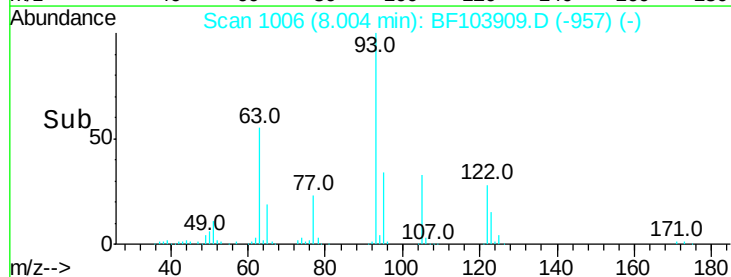
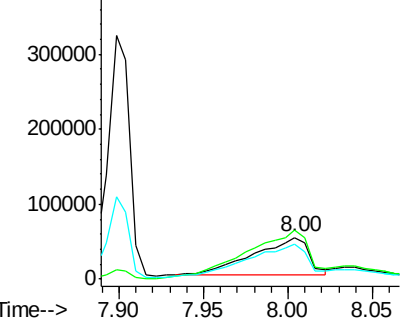


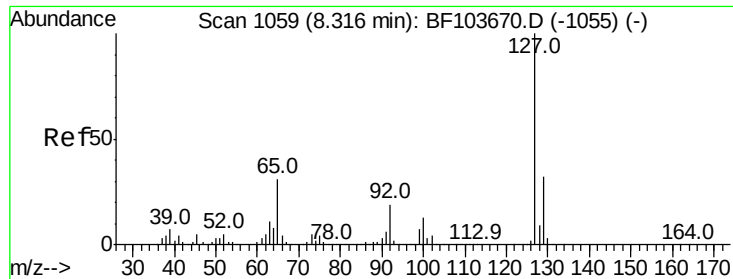
#32  
Benzoic acid  
Concen: 28.295 ng  
RT: 8.00 min Scan# 1006  
Delta R.T. -0.01 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Tgt Ion:122 Resp: 118092  
Ion Ratio Lower Upper  
122 100  
105 116.0 101.1 141.1  
77 84.2 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

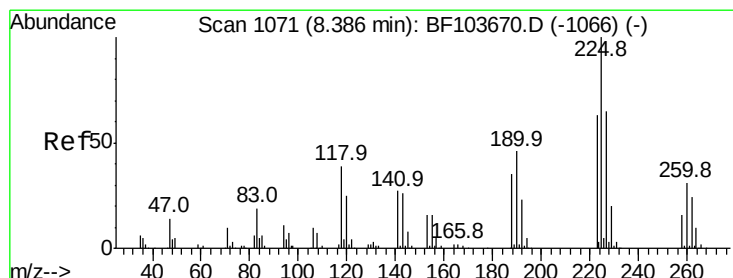
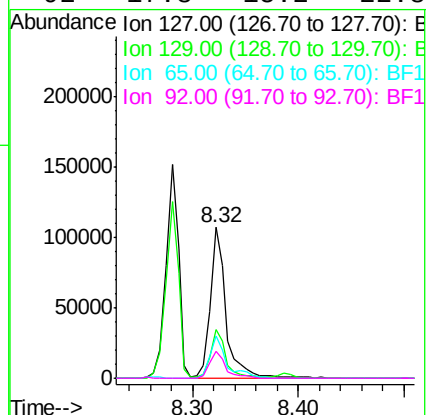
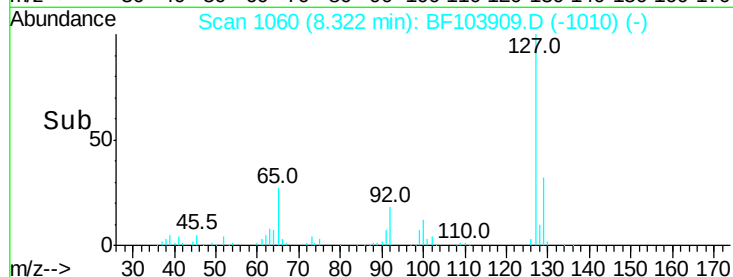
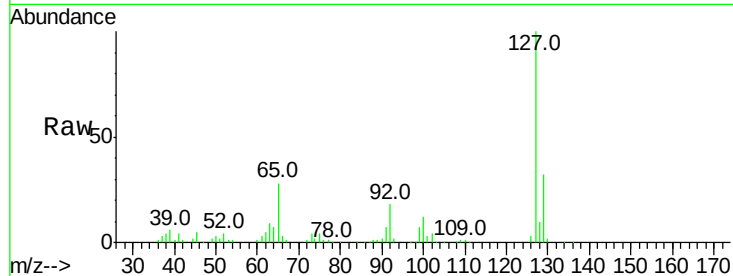




#33  
4-Chloroaniline  
Concen: 10.414 ng  
RT: 8.32 min Scan# 1060  
Delta R.T. -0.01 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

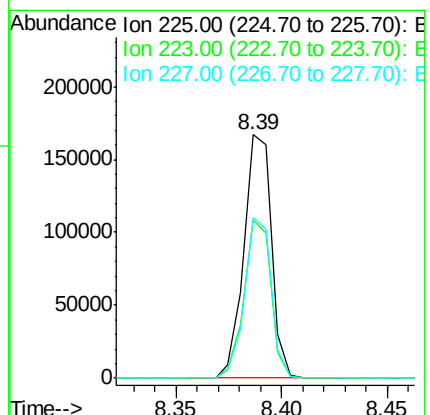
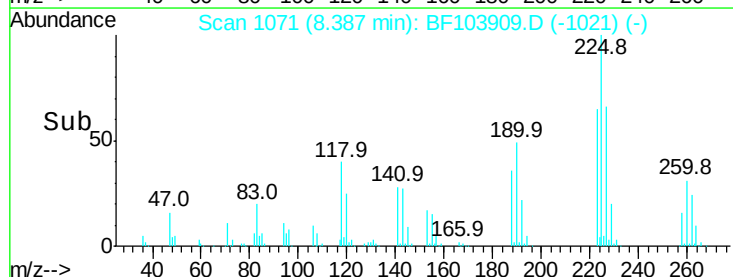
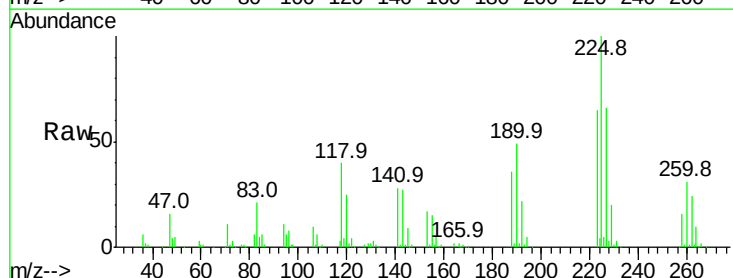
Instrument :  
BNA\_F  
ClientSampleId :

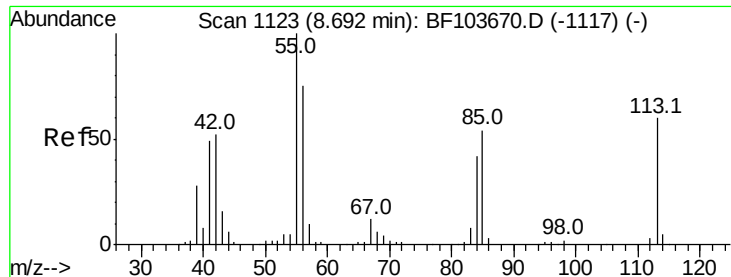
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 112092 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 25.9  | 38.9   |
| 65       | 27.7  | 25.0  | 37.4   |
| 92       | 17.8  | 15.2  | 22.8   |



#34  
Hexachlorobutadiene  
Concen: 36.122 ng  
RT: 8.39 min Scan# 1071  
Delta R.T. -0.01 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 150944 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.9  | 50.6  | 76.0   |
| 227      | 65.9  | 51.9  | 77.9   |





#35

Caprolactam

Concen: 40.147 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

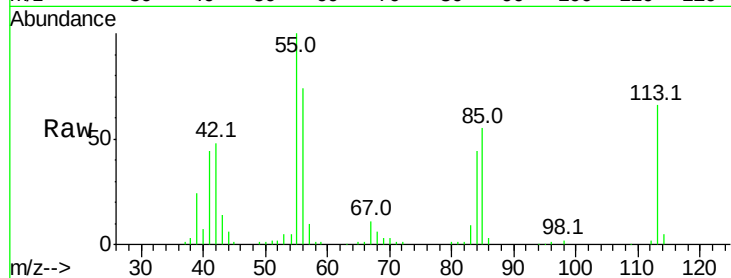
Tot Ion:113 Resp: 90842

Ion Ratio Lower Upper

113 100

55 152.4 163.3 203.3#

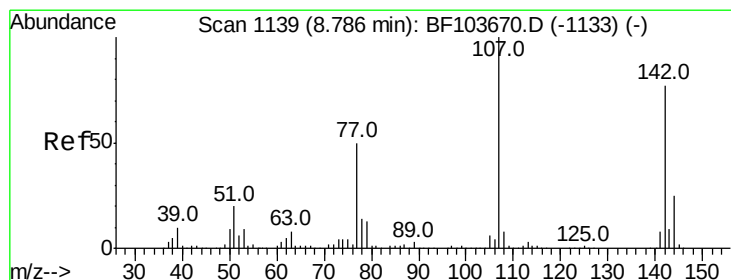
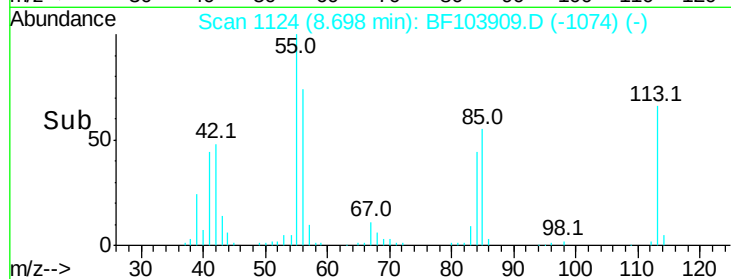
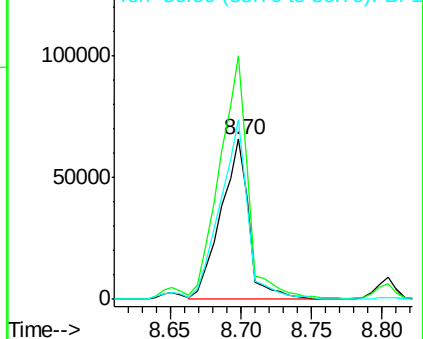
56 112.0 115.7 155.7#



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: 40.310 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

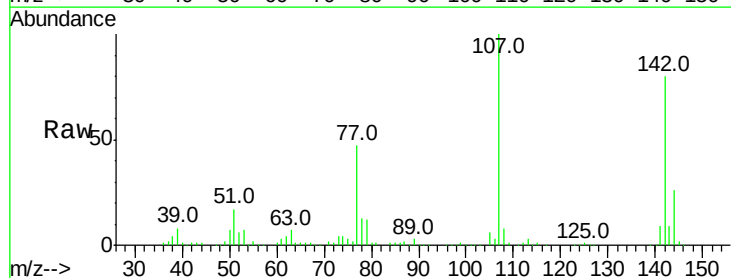
Tgt Ion:107 Resp: 292017

Ion Ratio Lower Upper

107 100

144 26.1 20.5 30.7

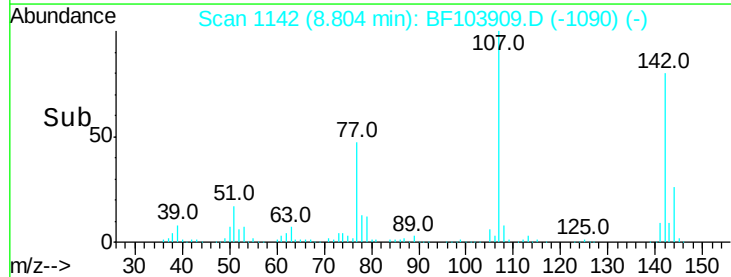
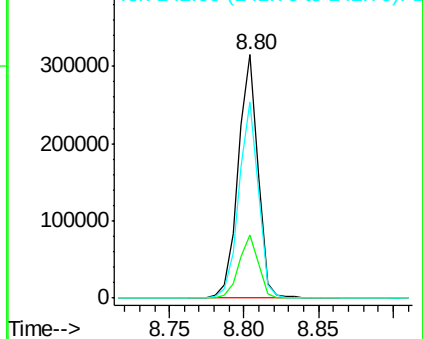
142 80.5 62.0 93.0

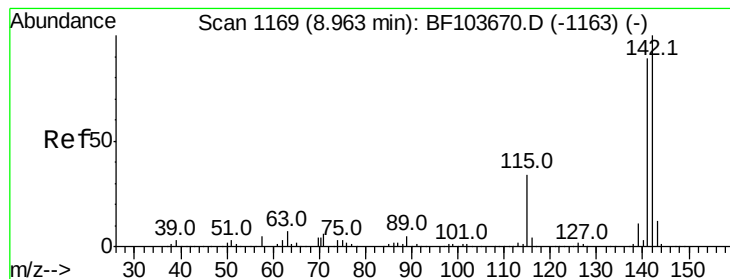


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

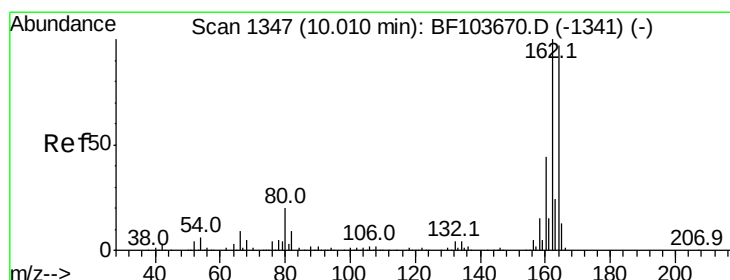
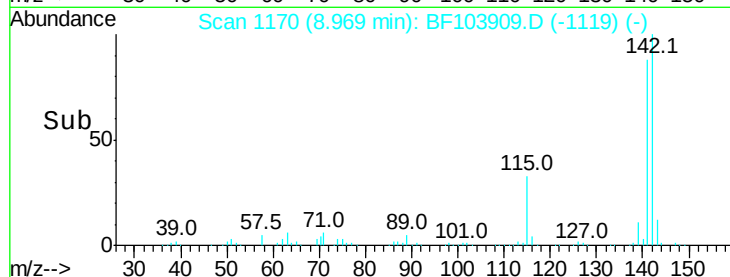
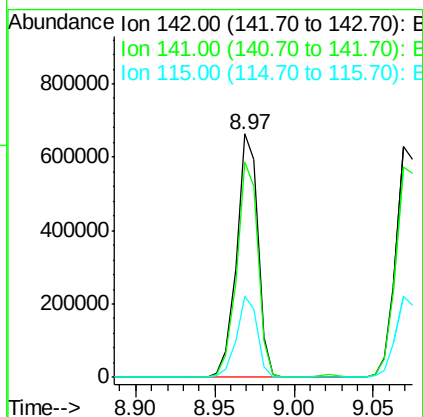
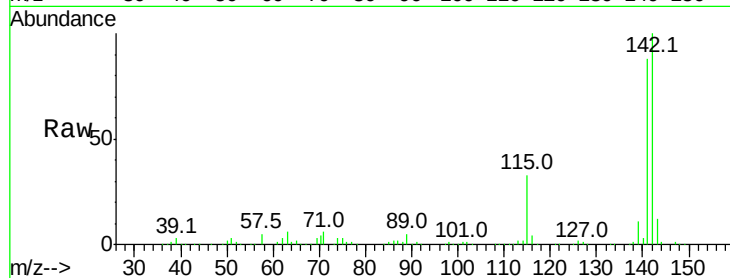




#37  
 2-Methylnaphthalene  
 Concen: 38.137 ng  
 RT: 8.97 min Scan# 1170  
 Delta R.T. -0.00 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

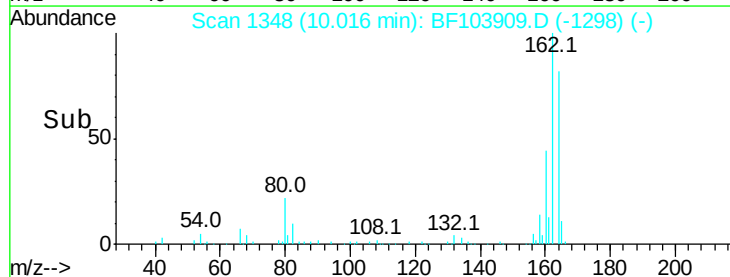
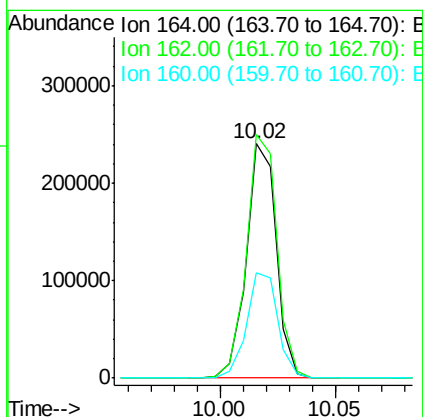
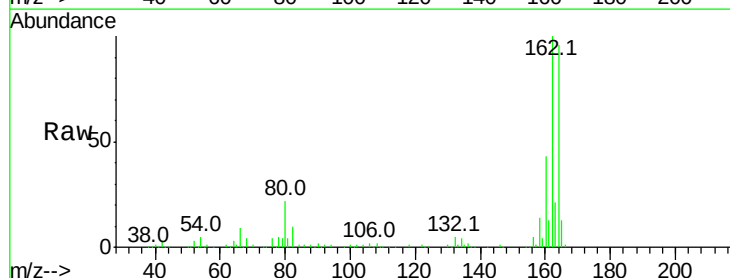
Instrument :  
 BNA\_F  
 ClientSampleId :

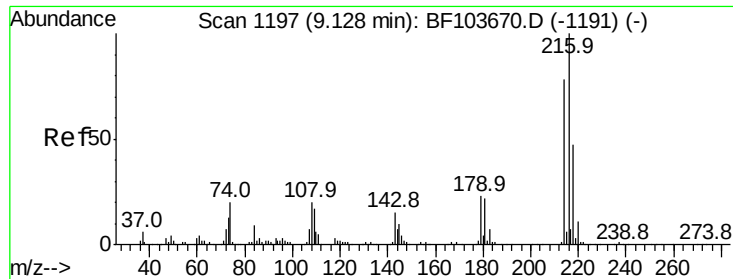
Tot Ion:142 Resp: 620500  
 Ion Ratio Lower Upper  
 142 100  
 141 88.3 70.8 106.2  
 115 33.1 26.1 39.1



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 10.02 min Scan# 1348  
 Delta R.T. -0.01 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

Tgt Ion:164 Resp: 218127  
 Ion Ratio Lower Upper  
 164 100  
 162 103.9 86.1 129.1  
 160 44.8 38.3 57.5

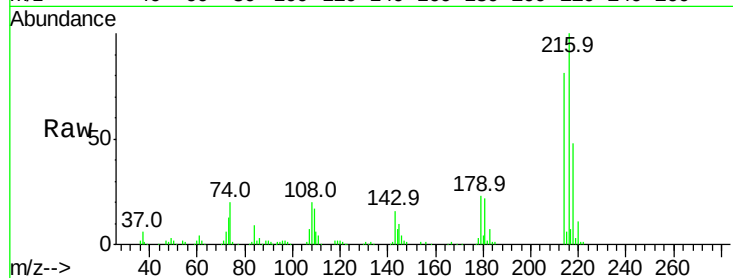




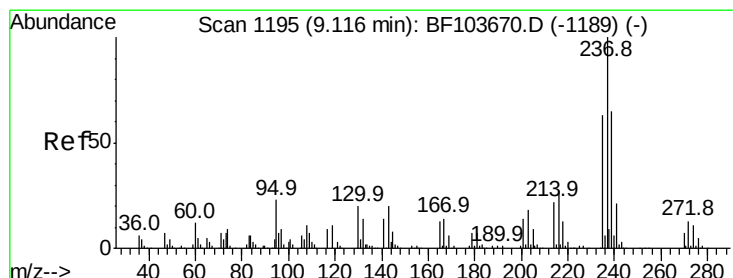
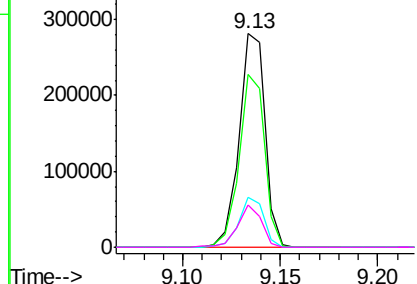
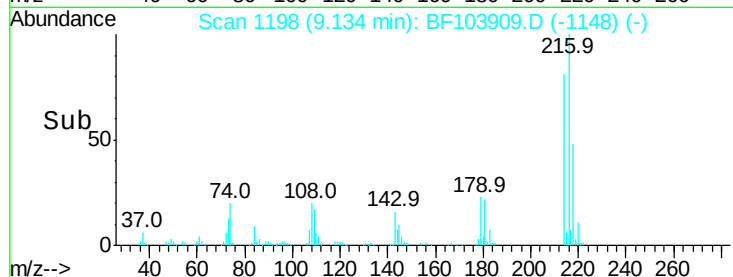
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.657 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. -0.01 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 259225 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.8  | 63.0  | 94.4   |
| 179      | 22.2  | 18.1  | 27.1   |
| 108      | 18.5  | 17.2  | 25.8   |

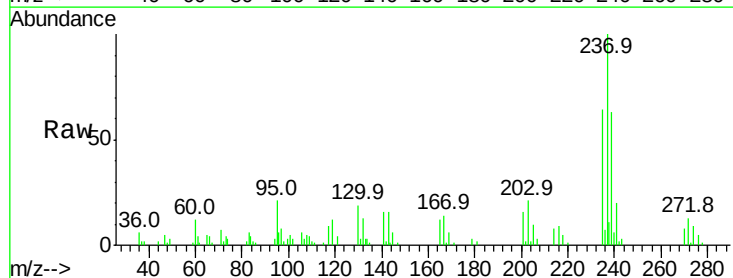


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

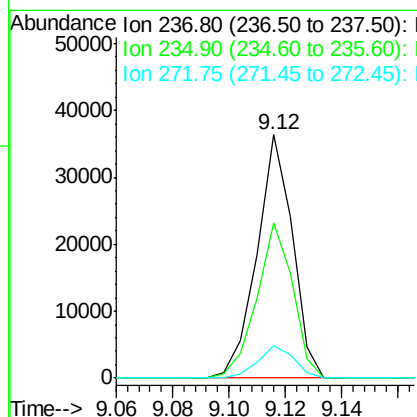
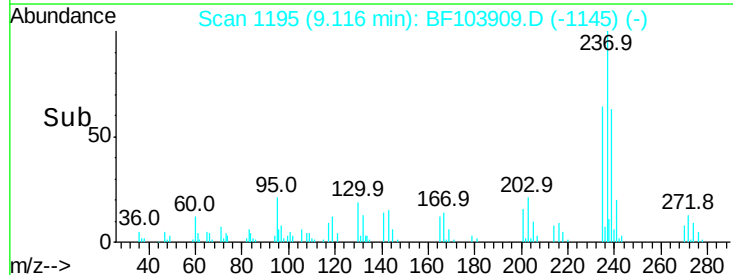


#40  
 Hexachlorocyclopentadiene  
 Concen: 9.918 ng  
 RT: 9.12 min Scan# 1195  
 Delta R.T. -0.01 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

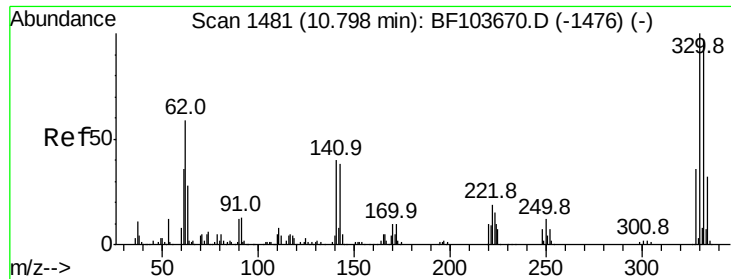
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 31846 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 63.6  | 44.8  | 84.8  |
| 272      | 13.4  | 0.0   | 33.3  |



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



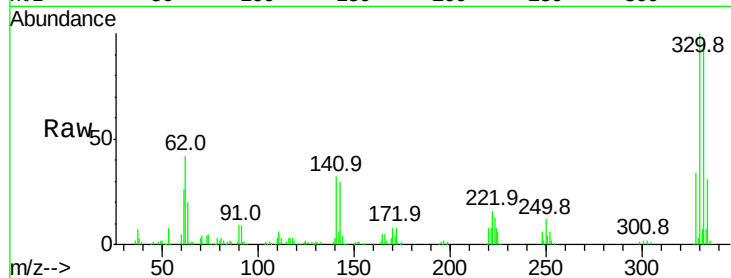




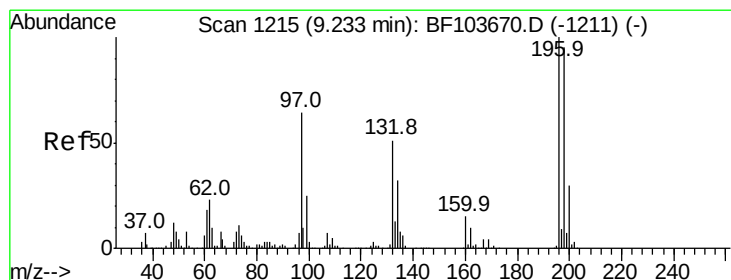
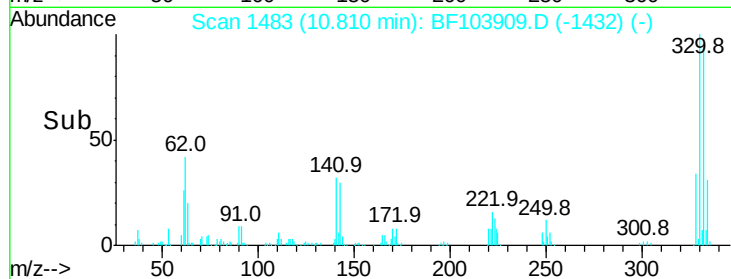
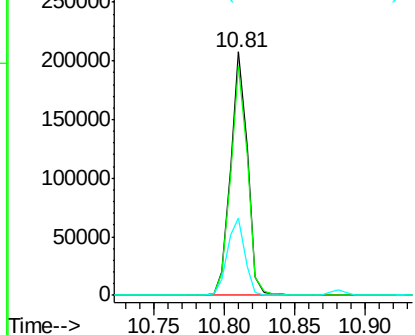
#41  
 2,4,6-Tribromophenol  
 Concen: 91.725 ng  
 RT: 10.81 min Scan# 1483  
 Delta R.T. -0.00 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:330 Resp: 172028  
 Ion Ratio Lower Upper  
 330 100  
 332 94.8 77.0 115.6  
 141 32.8 29.9 44.9

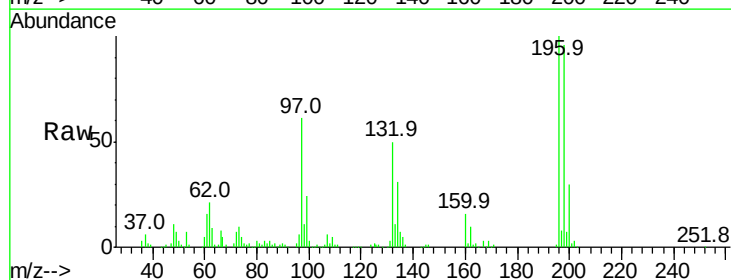


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

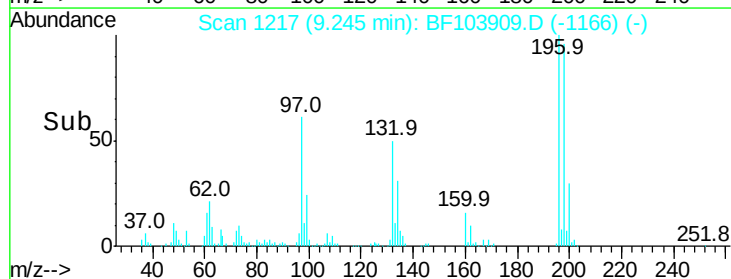
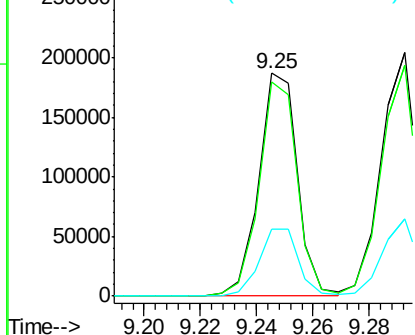


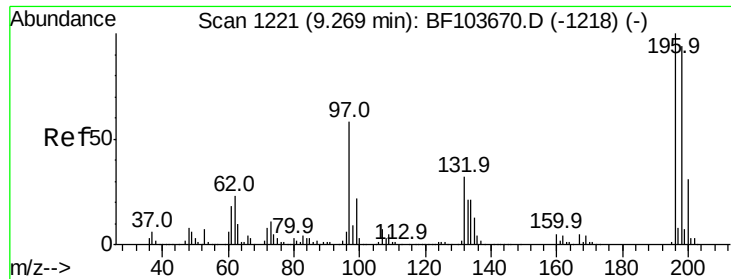
#42  
 2,4,6-Trichlorophenol  
 Concen: 44.530 ng  
 RT: 9.25 min Scan# 1217  
 Delta R.T. -0.00 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

Tgt Ion:196 Resp: 177244  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 75.7 113.5  
 200 30.0 24.5 36.7



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

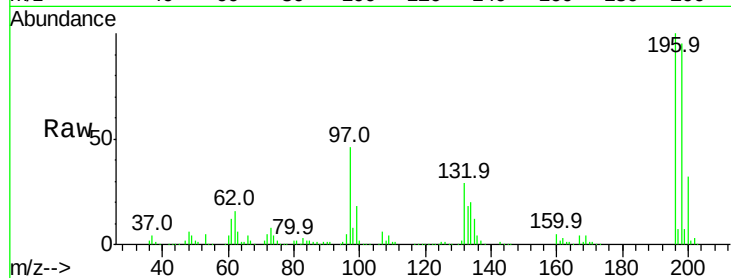




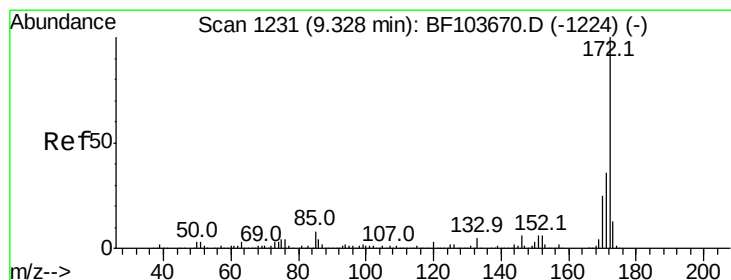
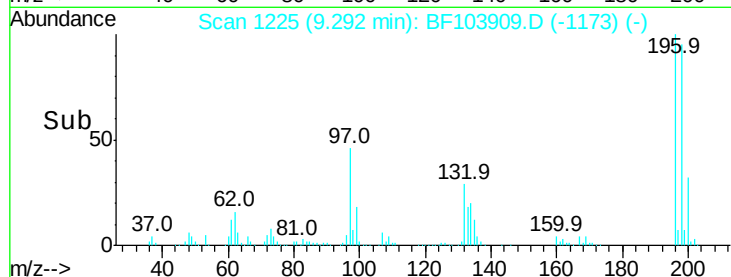
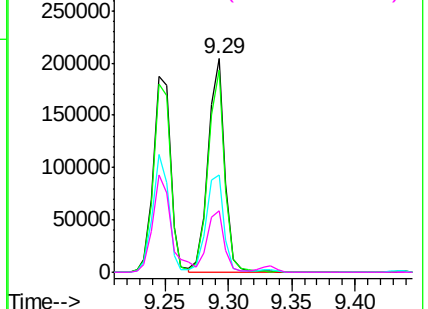
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.962 ng  
 RT: 9.29 min Scan# 1225  
 Delta R.T. 0.01 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:196 Resp: 188517  
 Ion Ratio Lower Upper  
 196 100  
 198 94.7 74.6 112.0  
 97 45.6 42.9 64.3  
 132 28.7 26.3 39.5

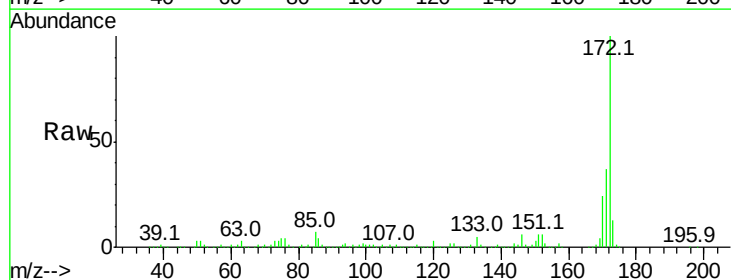


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

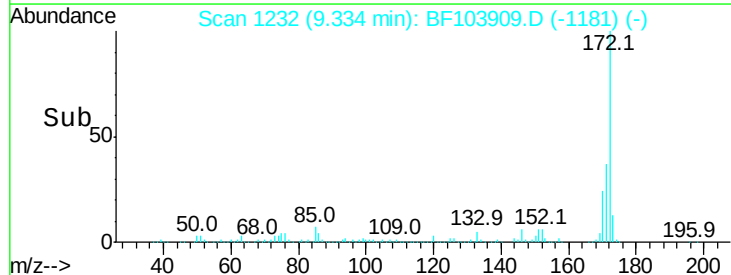
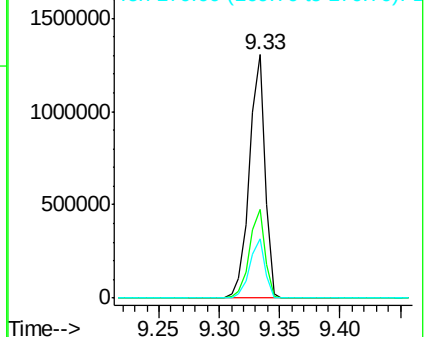


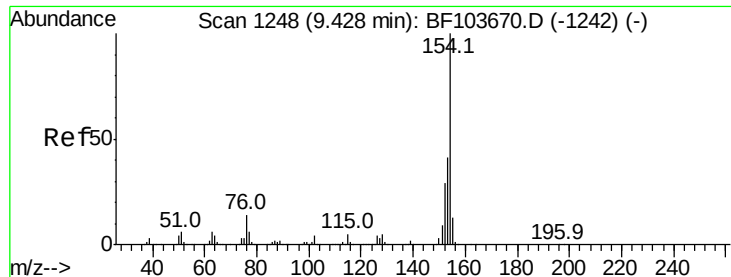
#44  
 2-Fluorobiphenyl  
 Concen: 86.806 ng  
 RT: 9.33 min Scan# 1232  
 Delta R.T. -0.00 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

Tgt Ion:172 Resp: 1187013  
 Ion Ratio Lower Upper  
 172 100  
 171 36.7 29.7 44.5  
 170 24.3 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: 39.434 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

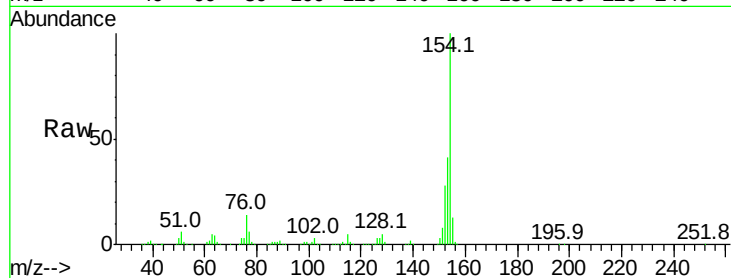
Tot Ion:154 Resp: 717248

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

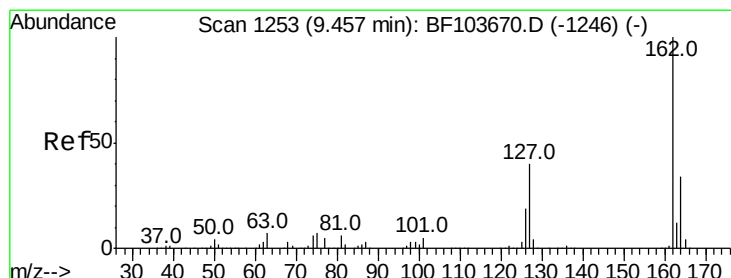
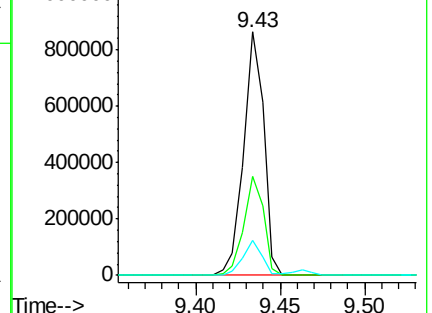
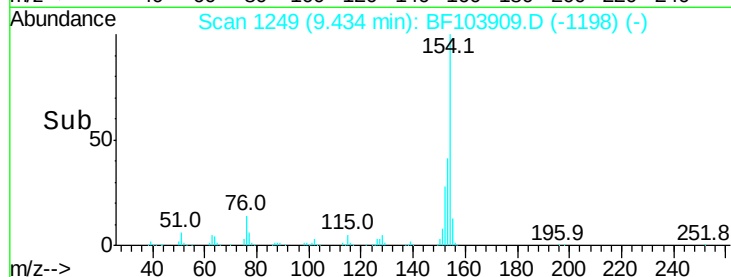
76 14.4 0.0 34.0



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: 38.791 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

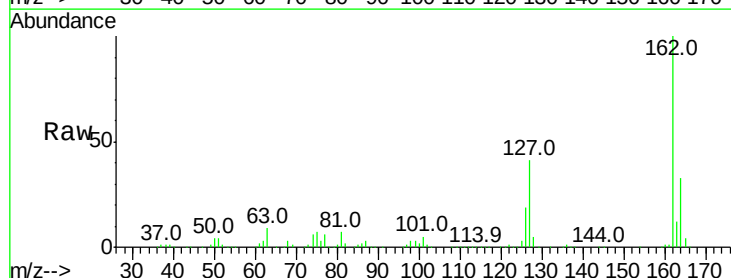
Tgt Ion:162 Resp: 560396

Ion Ratio Lower Upper

162 100

127 40.8 33.9 50.9

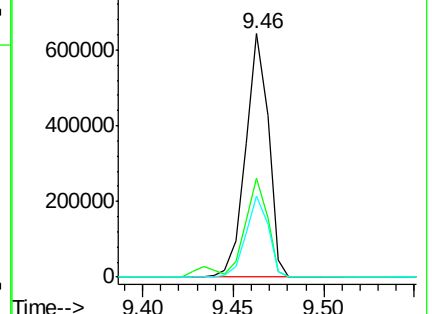
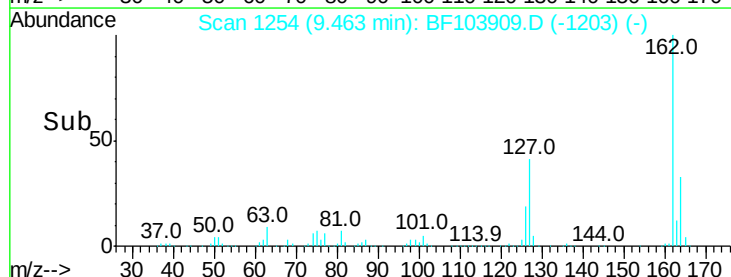
164 33.1 26.5 39.7

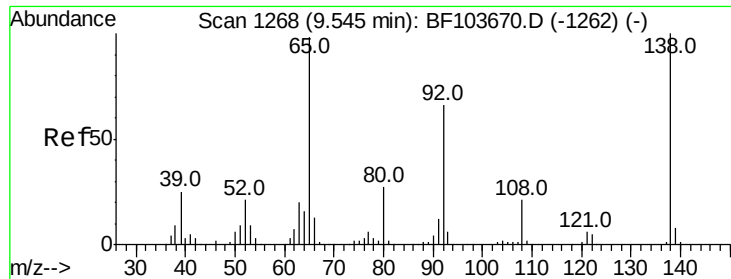


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

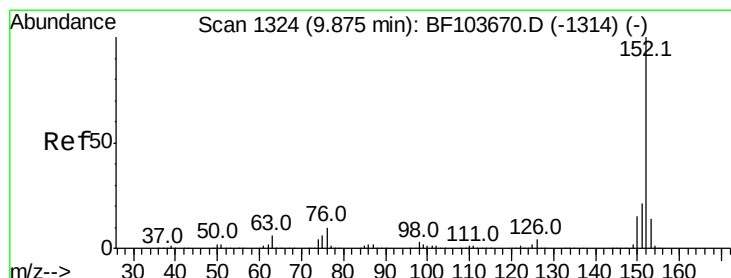
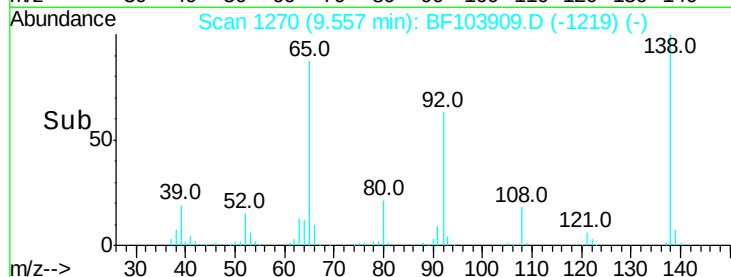
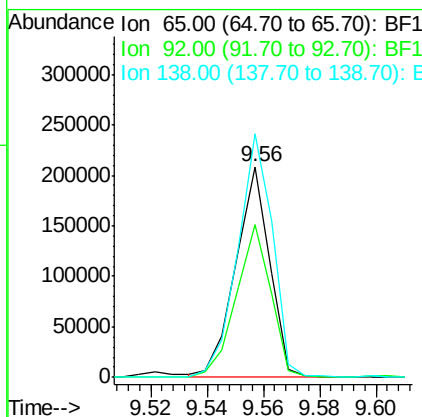
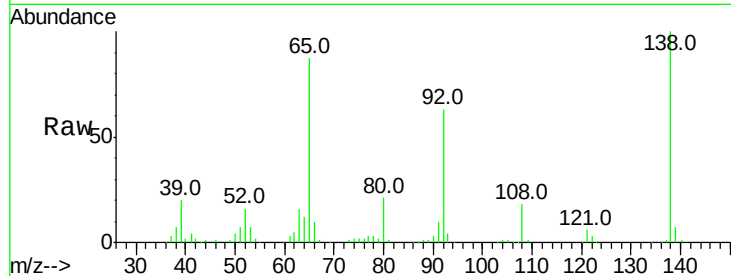




#47  
 2-Nitroaniline  
 Concen: 46.136 ng  
 RT: 9.56 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

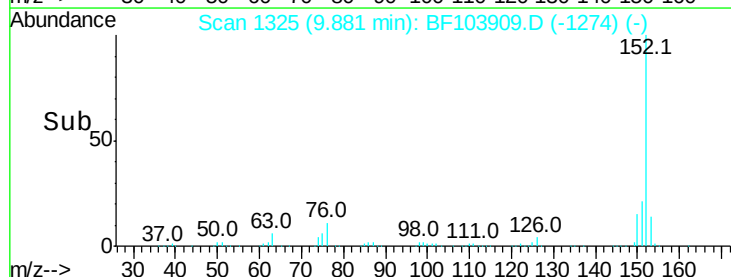
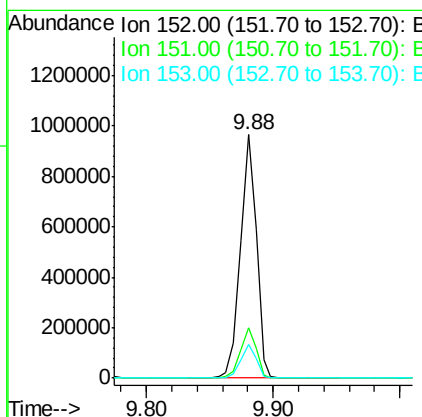
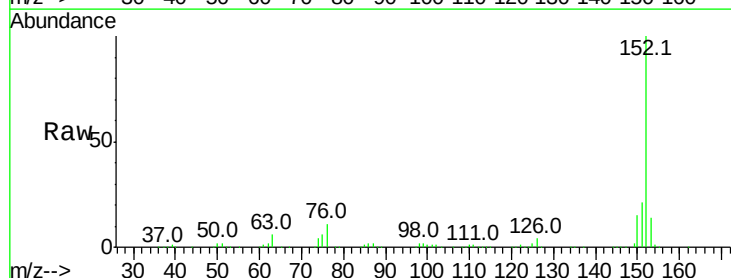
Instrument :  
 BNA\_F  
 ClientSampleId :

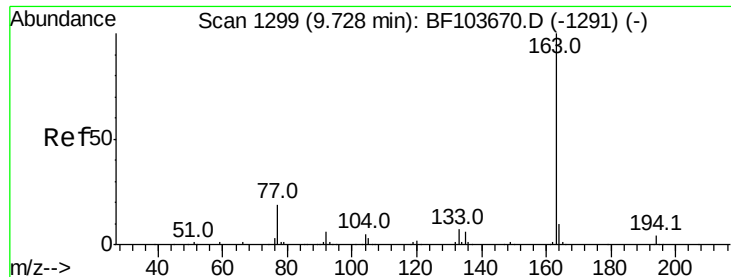
Tot Ion: 65 Resp: 173192  
 Ion Ratio Lower Upper  
 65 100  
 92 72.4 55.8 83.6  
 138 115.5 91.2 136.8



#48  
 Acenaphthylene  
 Concen: 37.081 ng  
 RT: 9.88 min Scan# 1325  
 Delta R.T. -0.00 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

Tgt Ion:152 Resp: 830697  
 Ion Ratio Lower Upper  
 152 100  
 151 20.9 16.3 24.5  
 153 13.7 10.7 16.1

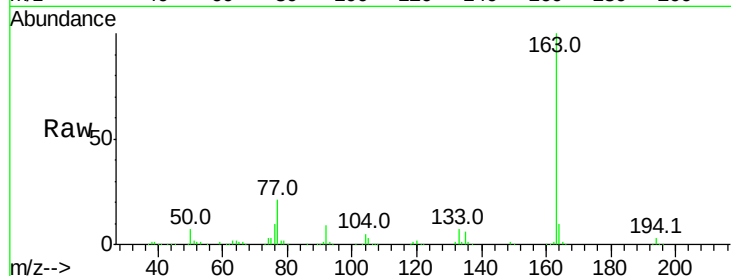




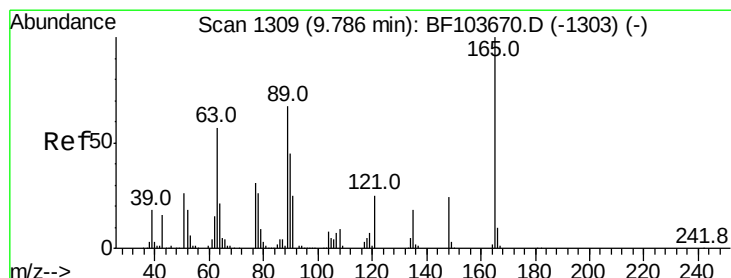
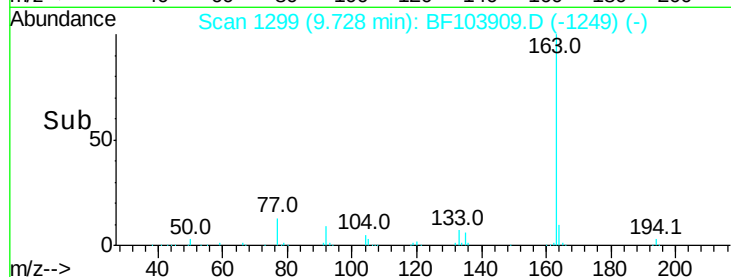
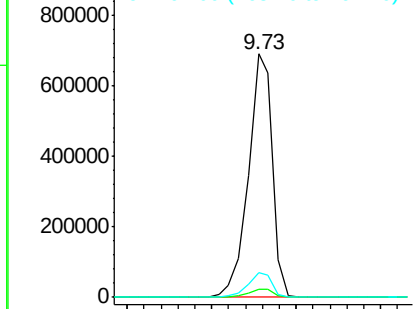
#49  
Dimethylphthalate  
Concen: 41.168 ng  
RT: 9.73 min Scan# 1299  
Delta R.T. -0.01 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:163 Resp: 685111  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.7 4.1  
164 10.3 8.2 12.2

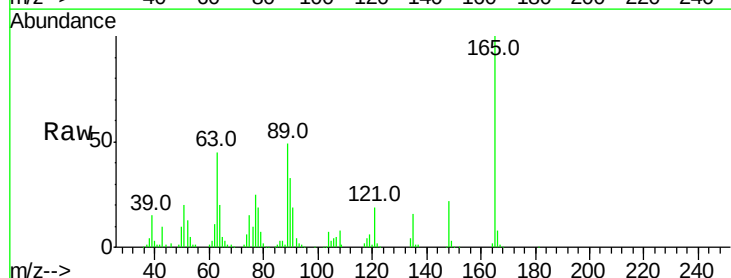


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

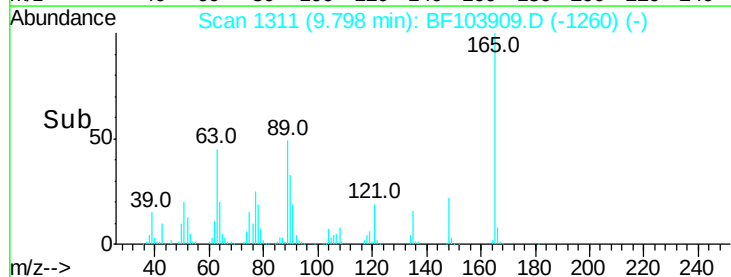
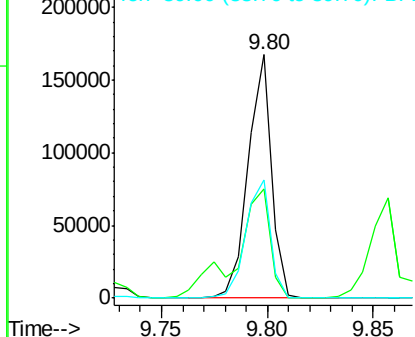


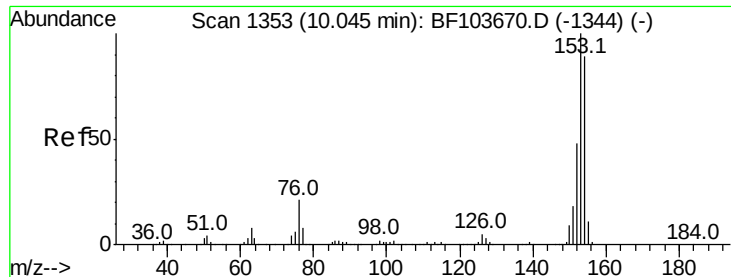
#50  
2,6-Dinitrotoluene  
Concen: 40.624 ng  
RT: 9.80 min Scan# 1311  
Delta R.T. -0.00 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Tgt Ion:165 Resp: 128633  
Ion Ratio Lower Upper  
165 100  
63 44.8 44.7 67.1  
89 48.8 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: 37.440 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

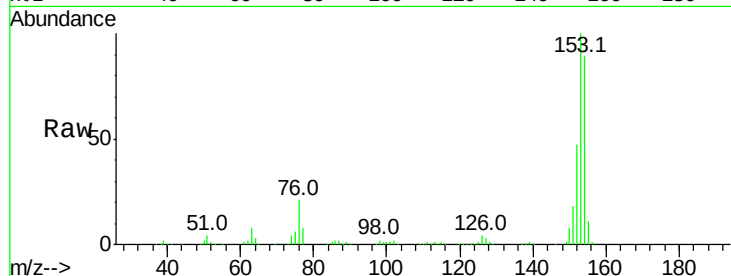
Tot Ion:154 Resp: 498010

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

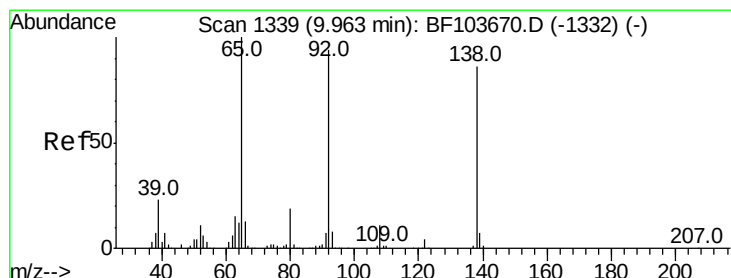
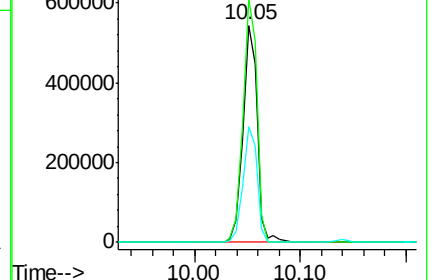
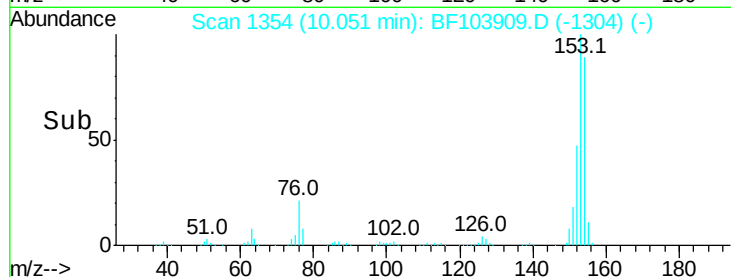
152 53.3 43.8 65.8



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: 39.984 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

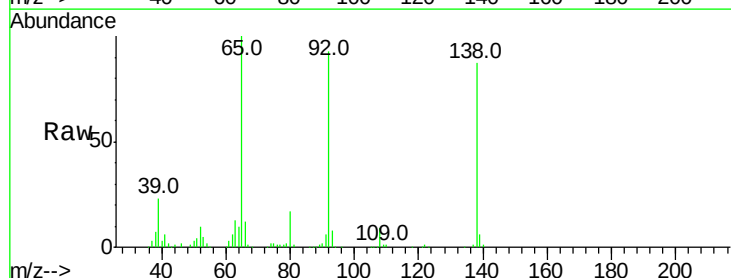
Tgt Ion:138 Resp: 151601

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

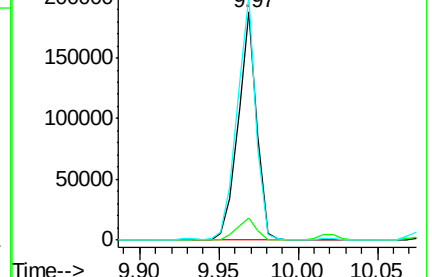
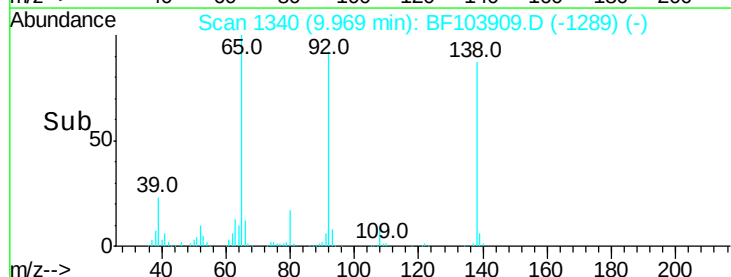
92 106.9 89.4 134.2

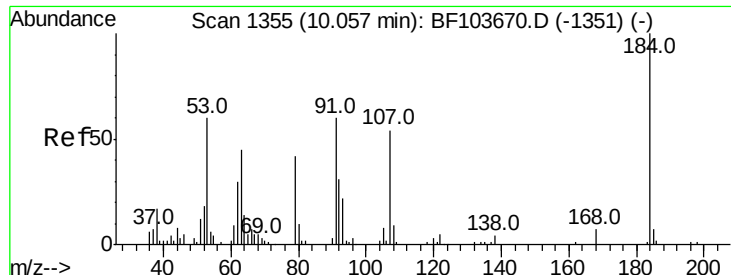


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

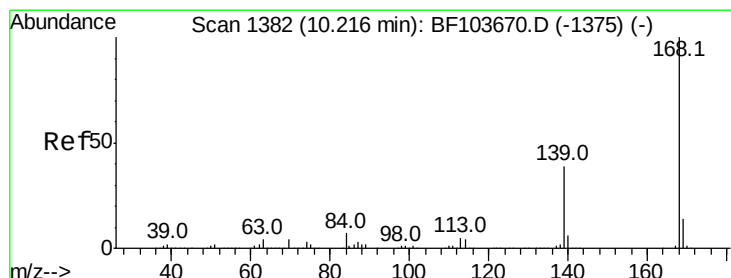
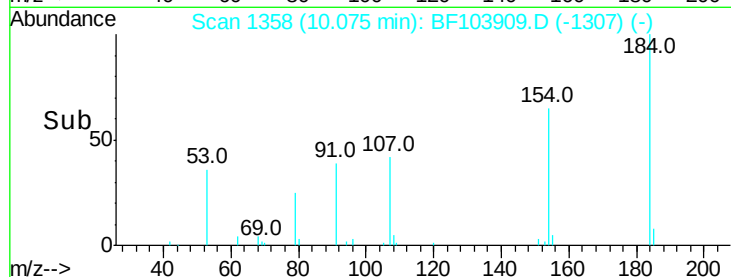
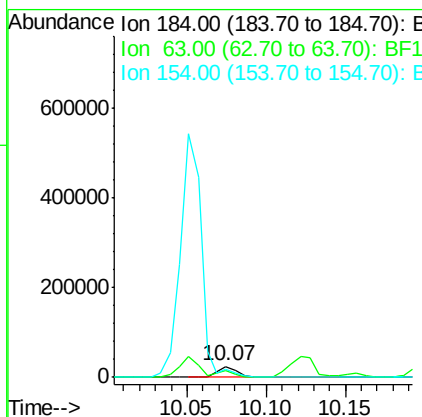
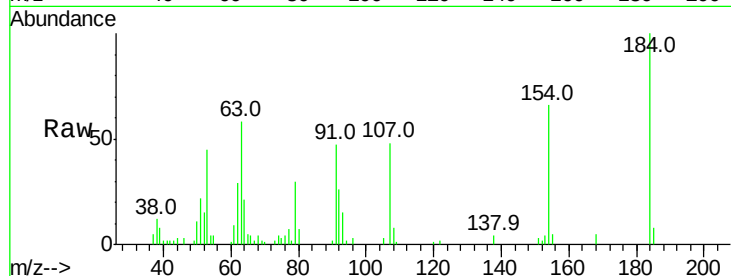




#53  
 2,4-Dinitrophenol  
 Concen: 38.033 ng  
 RT: 10.07 min Scan# 1358  
 Delta R.T. 0.00 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

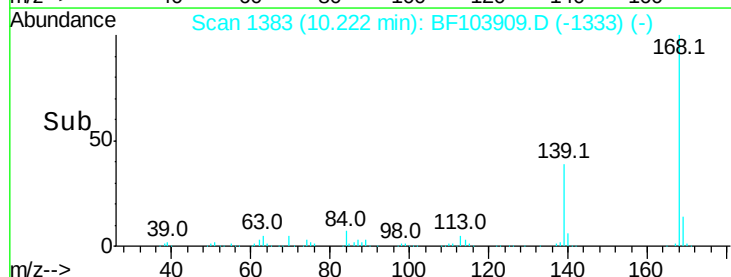
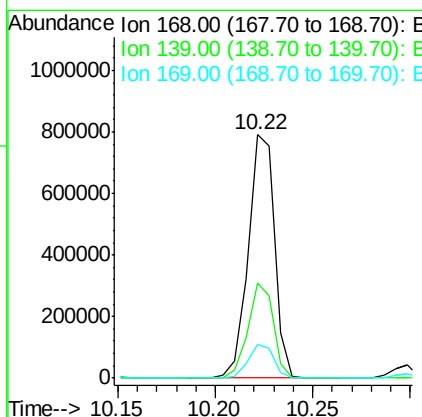
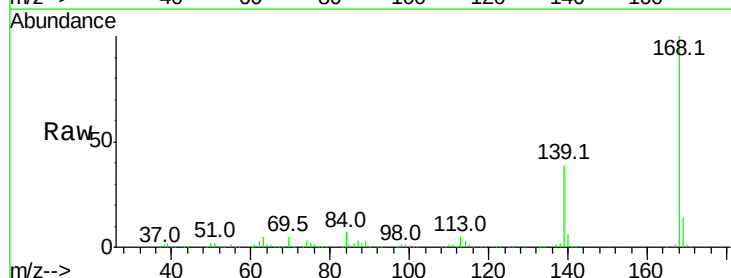
Instrument :  
 BNA\_F  
 ClientSampleId :

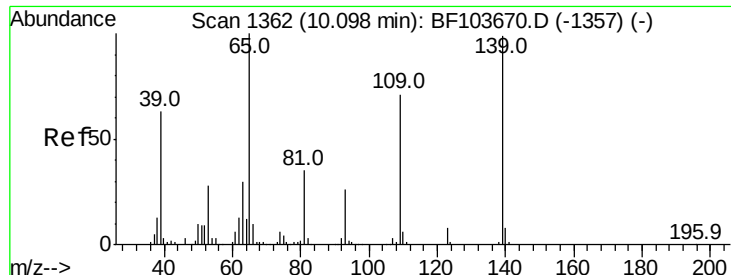
Tot Ion:184 Resp: 21928  
 Ion Ratio Lower Upper  
 184 100  
 63 58.3 54.2 81.2  
 154 66.4 184.0 276.0#



#54  
 Dibenzofuran  
 Concen: 38.872 ng  
 RT: 10.22 min Scan# 1383  
 Delta R.T. -0.01 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

Tgt Ion:168 Resp: 738479  
 Ion Ratio Lower Upper  
 168 100  
 139 38.8 30.1 45.1  
 169 13.7 10.9 16.3

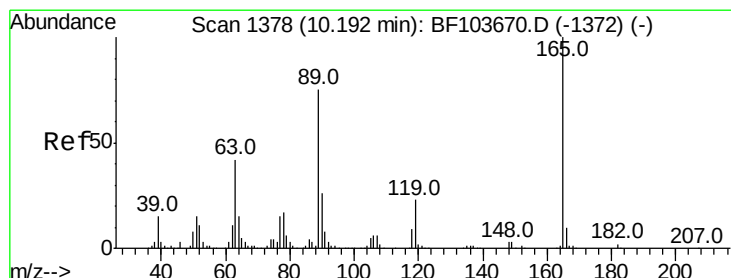
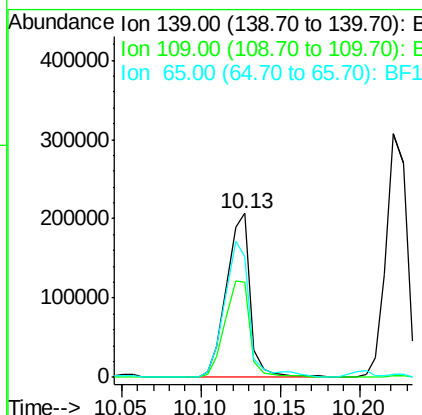
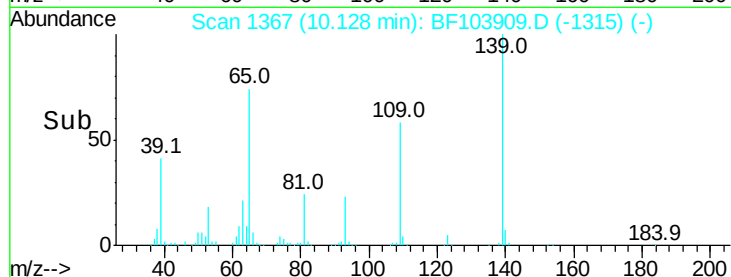
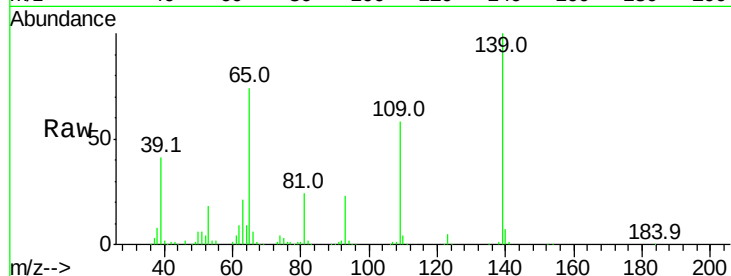




#55  
4-Nitrophenol  
Concen: 71.797 ng  
RT: 10.13 min Scan# 1367  
Delta R.T. 0.01 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

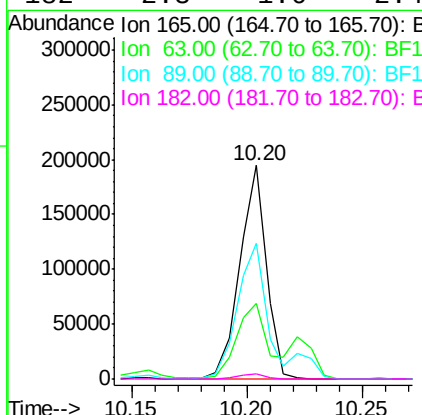
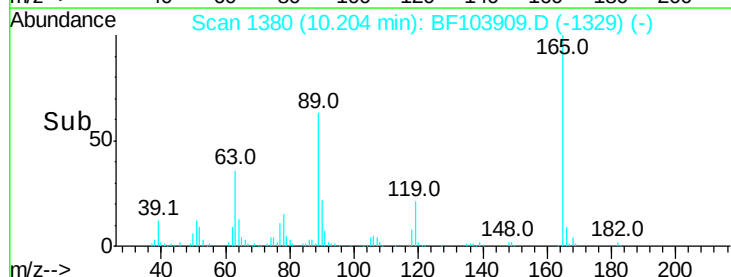
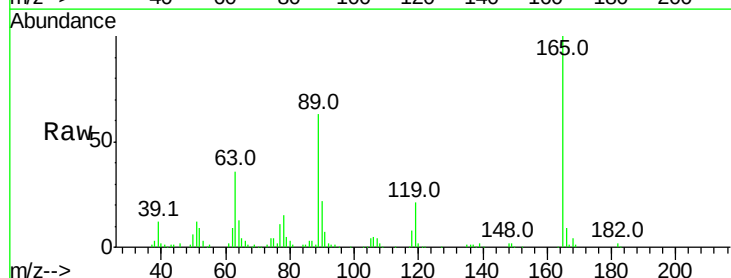
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:139 Resp: 217098  
Ion Ratio Lower Upper  
139 100  
109 58.4 48.4 88.4  
65 73.9 72.6 112.6

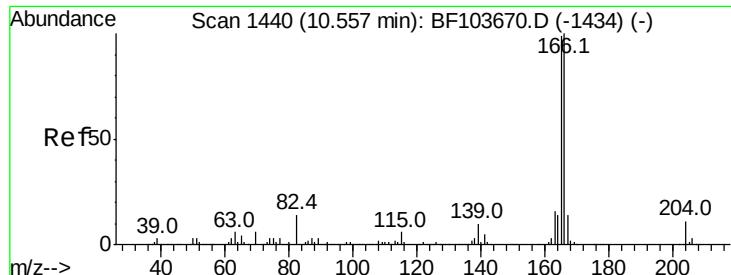


#56  
2,4-Dinitrotoluene  
Concen: 39.647 ng  
RT: 10.20 min Scan# 1380  
Delta R.T. -0.00 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Tgt Ion:165 Resp: 156634  
Ion Ratio Lower Upper  
165 100  
63 35.6 36.4 54.6#  
89 63.3 57.8 86.6  
182 2.3 1.6 2.4







#57

Fluorene

Concen: 37.895 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

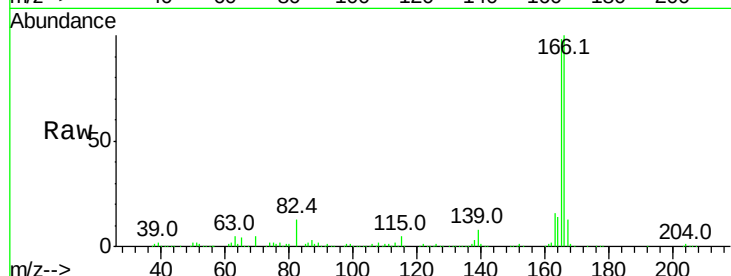
Tot Ion:166 Resp: 558634

Ion Ratio Lower Upper

166 100

165 97.9 79.8 119.8

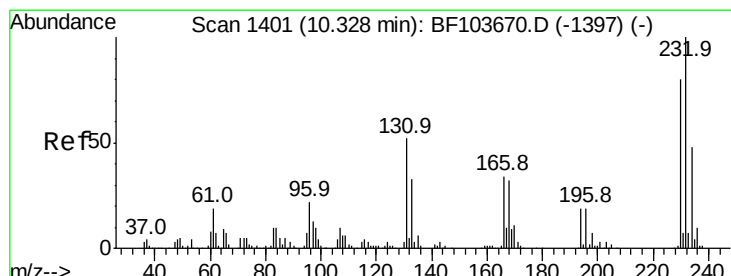
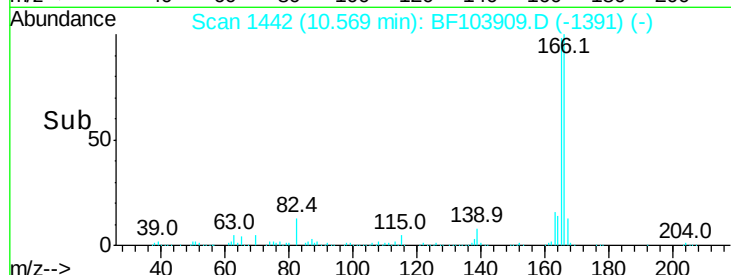
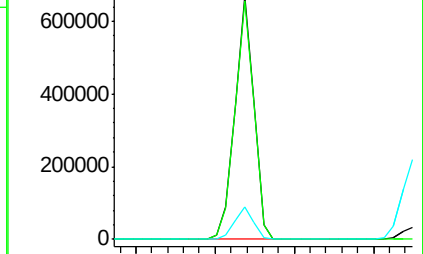
167 13.4 10.6 16.0



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: 43.957 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Tgt Ion:232 Resp: 139931

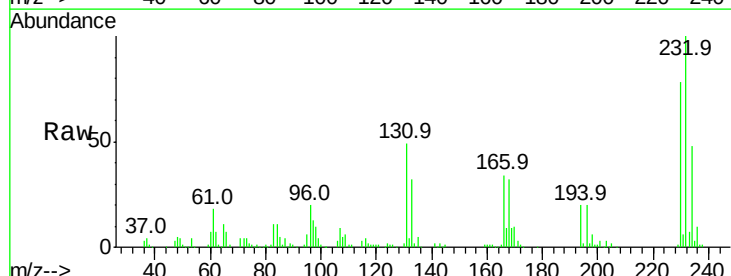
Ion Ratio Lower Upper

232 100

131 47.5 43.8 65.8

130 2.3 2.1 3.1

166 32.3 27.8 41.6

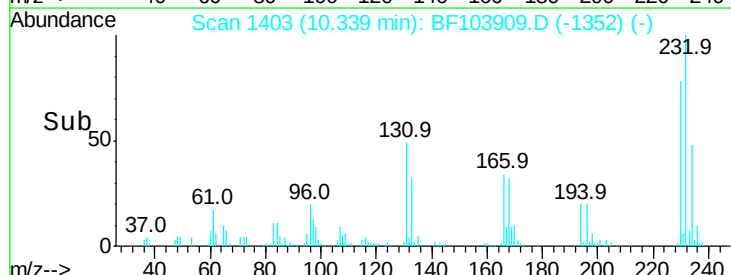
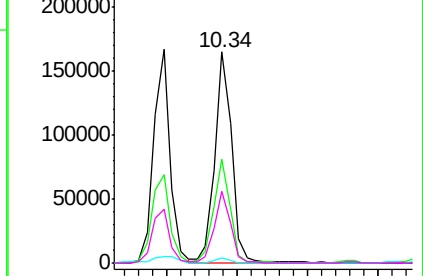


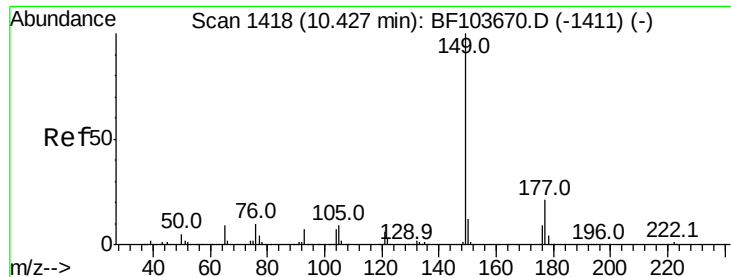
Abundance Ion 232.00 (231.70 to 232.70): E

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

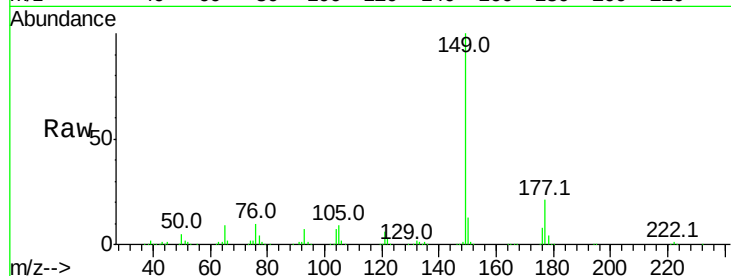




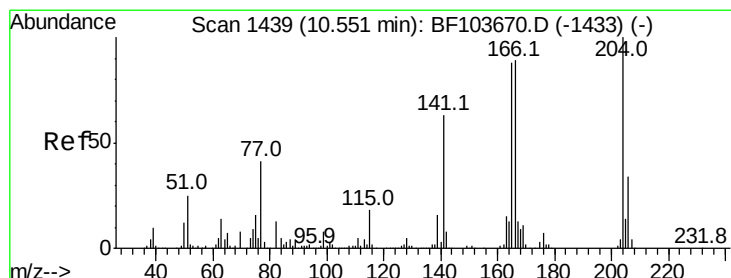
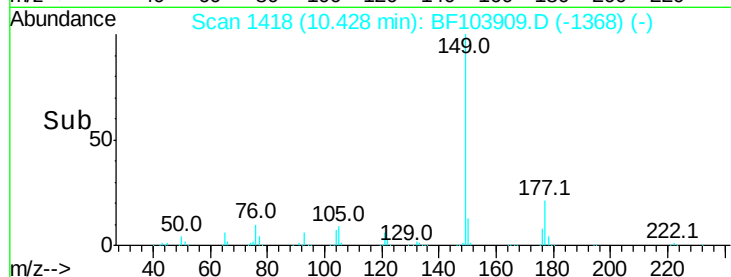
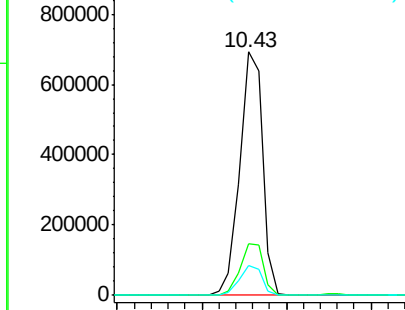
#59  
Diethylphthalate  
Concen: 39.652 ng  
RT: 10.43 min Scan# 1418  
Delta R.T. -0.01 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:149 Resp: 654959  
Ion Ratio Lower Upper  
149 100  
177 21.1 16.1 24.1  
150 12.5 10.1 15.1

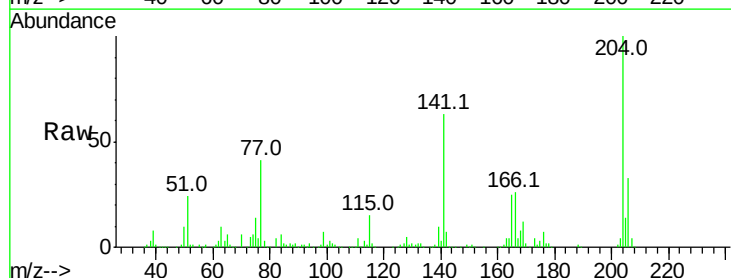


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

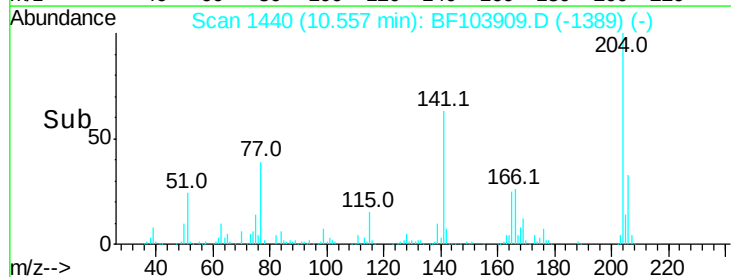
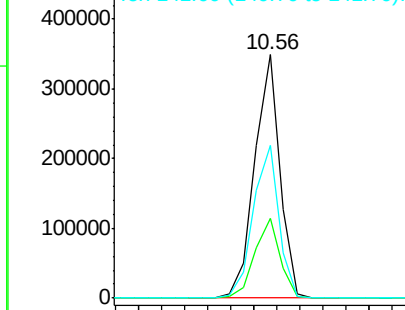


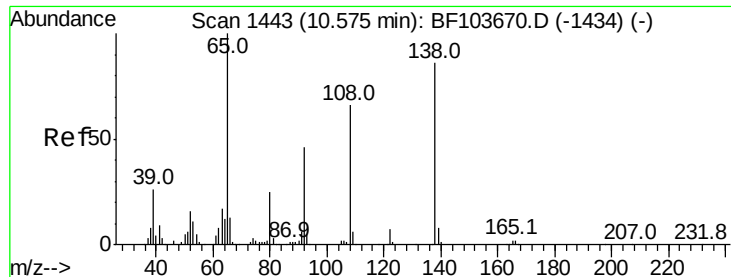
#60  
4-Chlorophenyl-phenylether  
Concen: 39.743 ng  
RT: 10.56 min Scan# 1440  
Delta R.T. -0.00 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Tgt Ion:204 Resp: 267754  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.5 39.7  
141 62.8 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

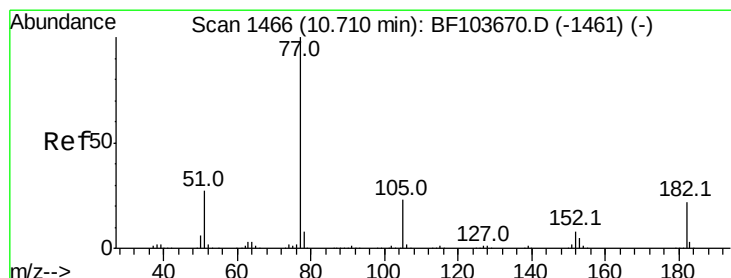
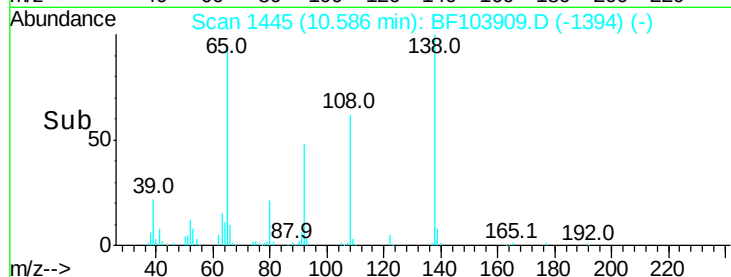
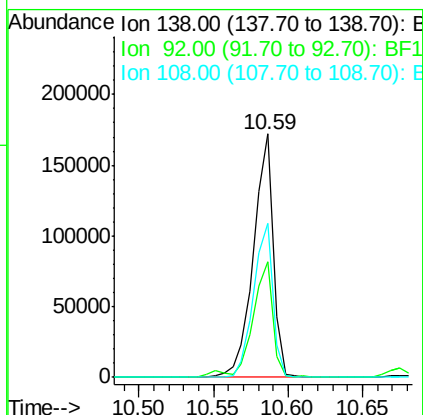
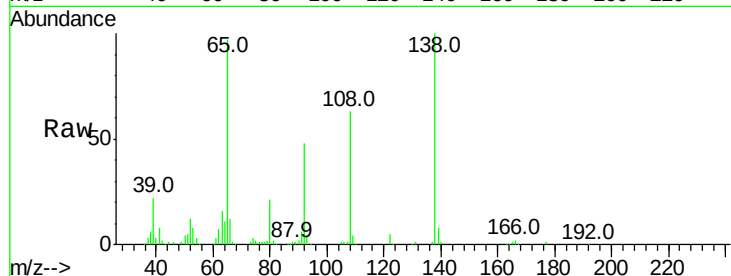




#61  
4-Nitroaniline  
Concen: 42.853 ng  
RT: 10.59 min Scan# 1445  
Delta R.T. -0.00 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

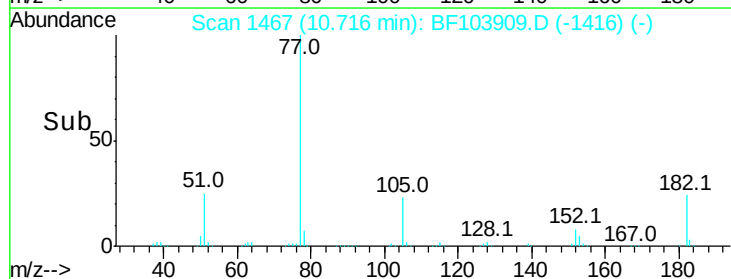
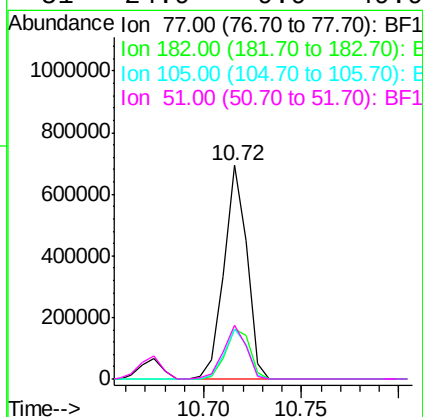
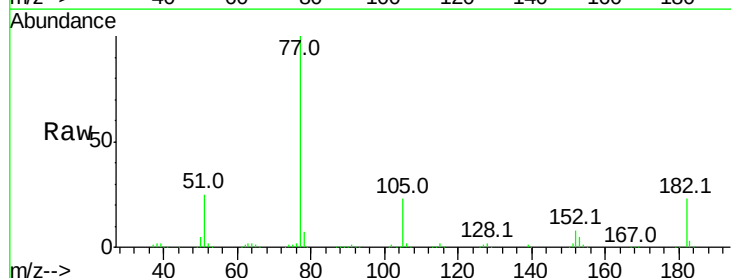
Instrument :  
BNA\_F  
ClientSampled :

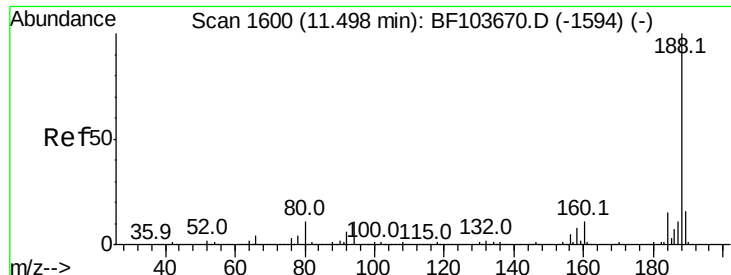
Tot Ion:138 Resp: 157511  
Ion Ratio Lower Upper  
138 100  
92 47.7 30.2 70.2  
108 63.0 52.5 92.5



#62  
Azobenzene  
Concen: 33.586 ng  
RT: 10.72 min Scan# 1467  
Delta R.T. 0.00 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Tgt Ion: 77 Resp: 564004  
Ion Ratio Lower Upper  
77 100  
182 23.4 1.7 41.7  
105 23.4 3.0 43.0  
51 24.9 9.9 49.9

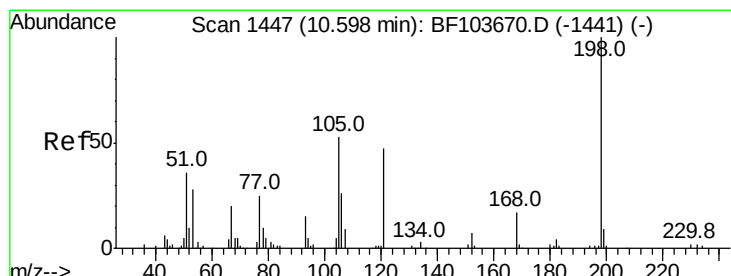
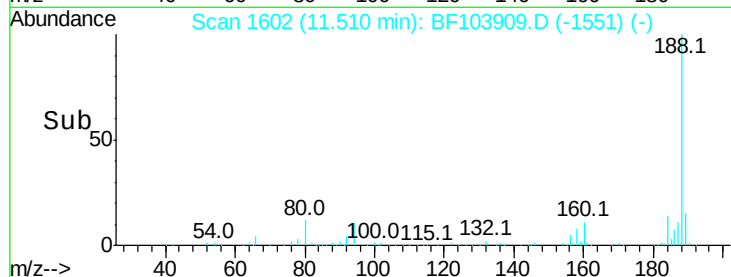
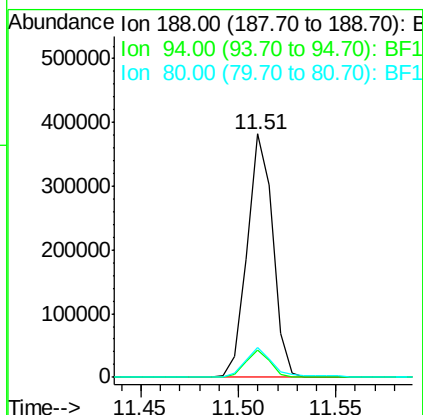
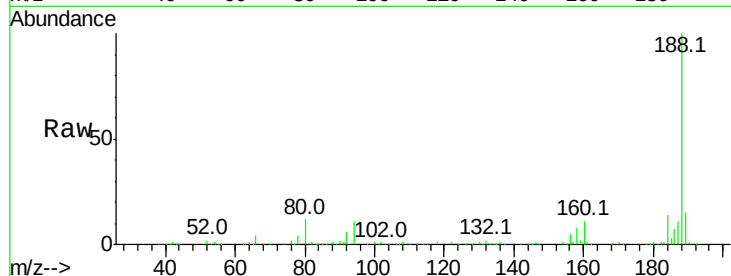




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.51 min Scan# 1602  
Delta R.T. 0.00 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

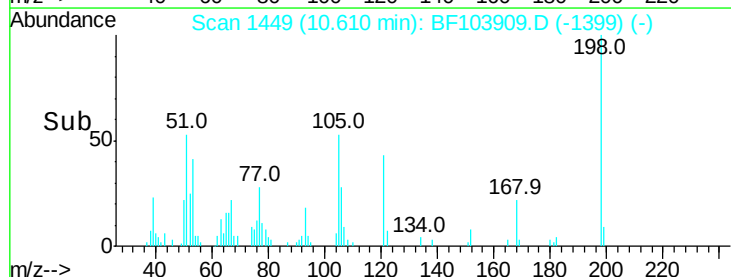
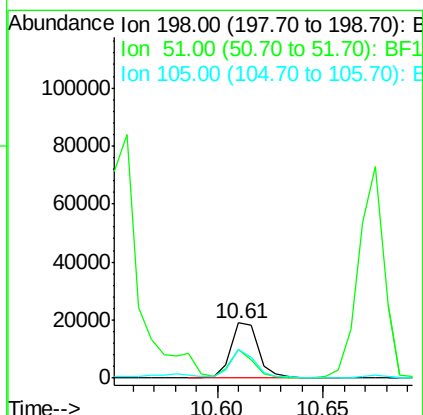
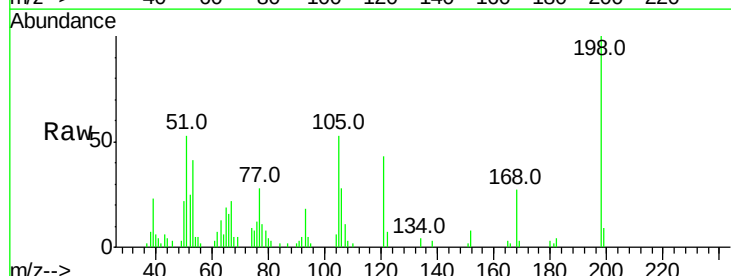
Instrument :  
BNA\_F  
ClientSampled :

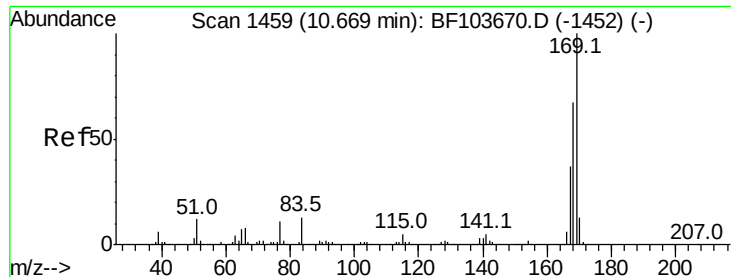
Tot Ion:188 Resp: 346340  
Ion Ratio Lower Upper  
188 100  
94 11.2 8.5 12.7  
80 12.3 9.2 13.8



#64  
4,6-Dinitro-2-methylphenol  
Concen: 21.533 ng  
RT: 10.61 min Scan# 1449  
Delta R.T. -0.01 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Tgt Ion:198 Resp: 17129  
Ion Ratio Lower Upper  
198 100  
51 52.9 37.7 77.7  
105 53.2 36.3 76.3

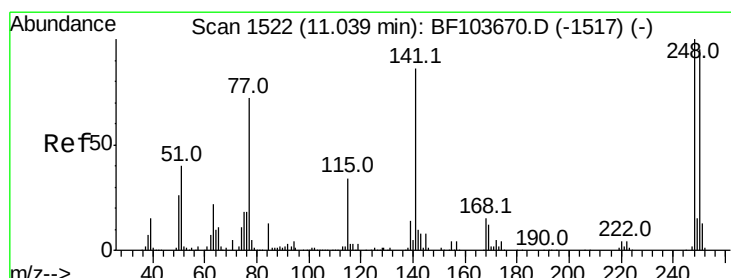
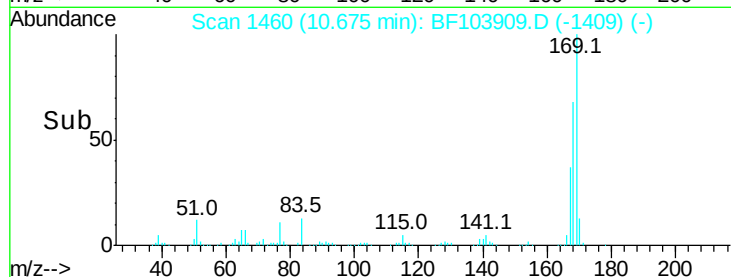
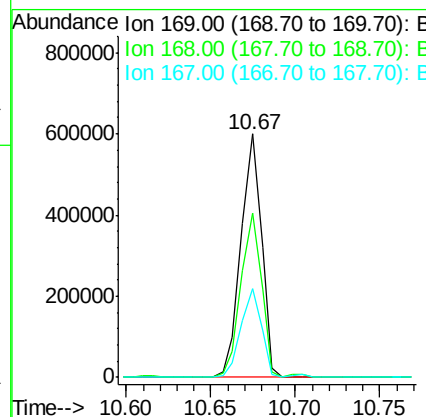
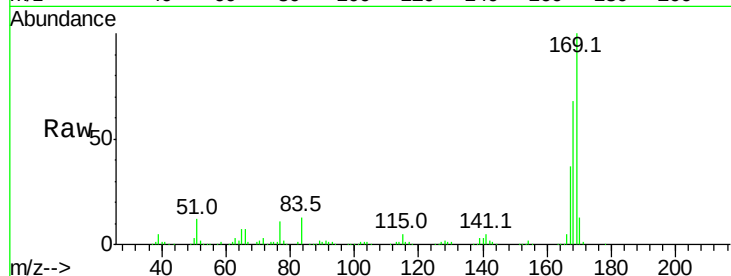




#65  
 n-Nitrosodiphenylamine  
 Concen: 43.133 ng  
 RT: 10.67 min Scan# 1460  
 Delta R.T. -0.00 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

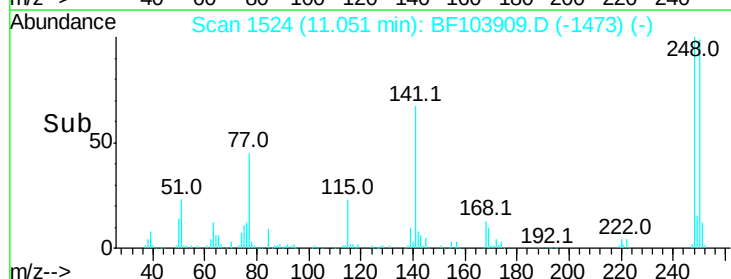
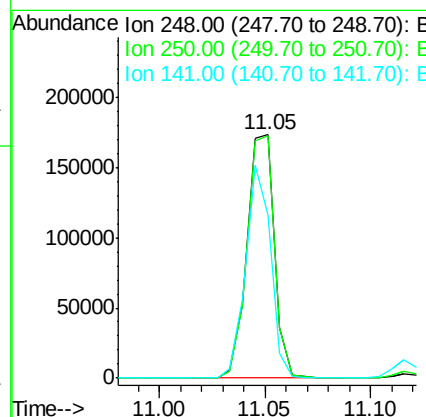
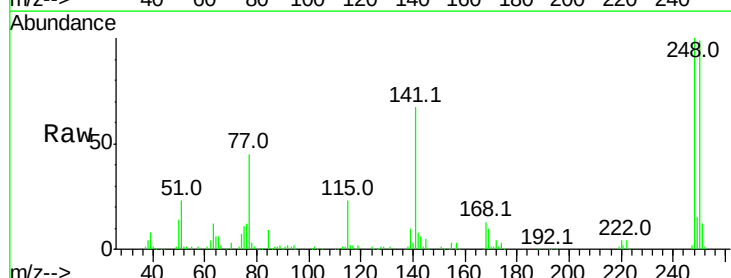
Instrument :  
 BNA\_F  
 ClientSampleId :

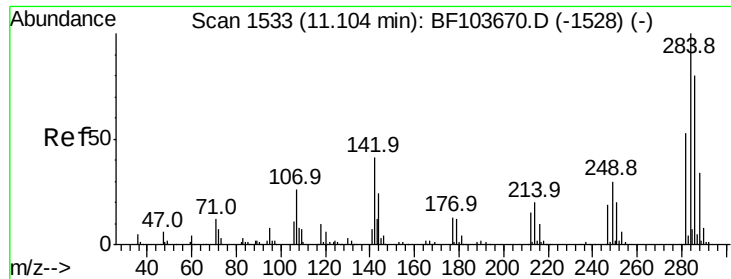
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.6  | 54.4  | 81.6  |
| 167     | 36.6  | 29.8  | 44.6  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 43.905 ng  
 RT: 11.05 min Scan# 1524  
 Delta R.T. -0.00 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.3  | 76.9  | 115.3 |
| 141     | 67.1  | 74.4  | 111.6 |

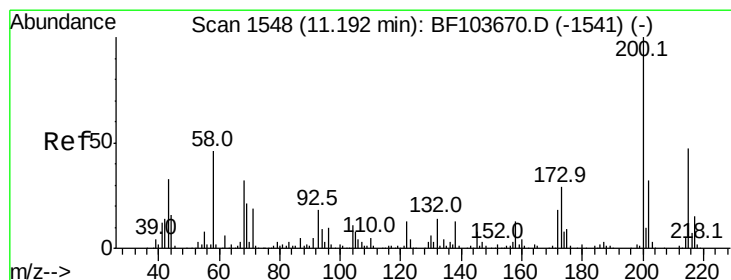
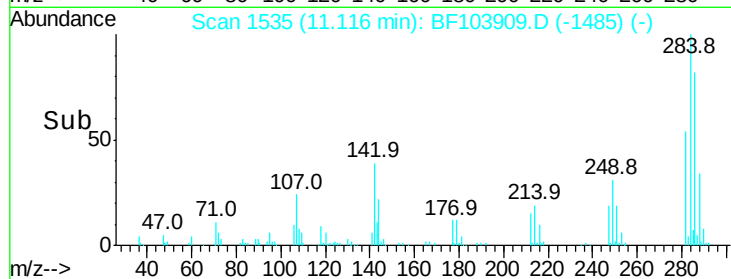
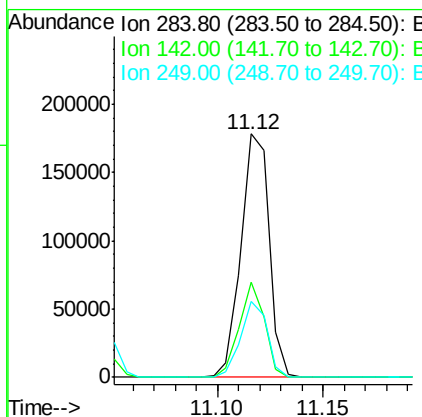
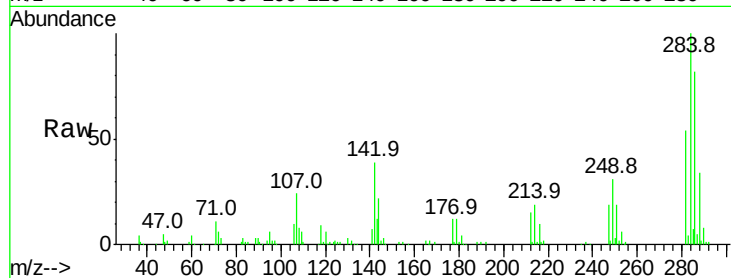




#67  
Hexachlorobenzene  
Concen: 40.594 ng  
RT: 11.12 min Scan# 1535  
Delta R.T. -0.01 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

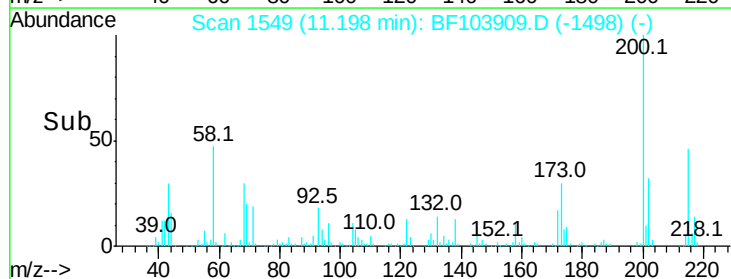
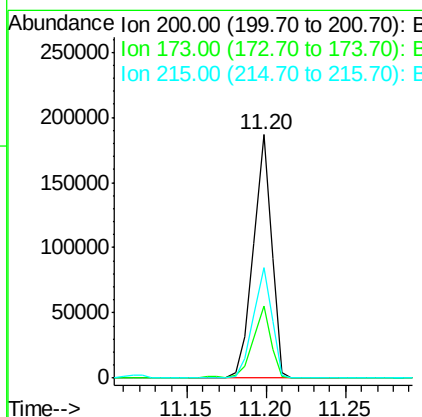
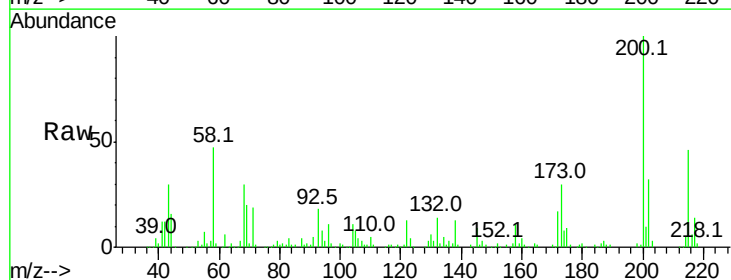
Instrument :  
BNA\_F  
ClientSampled :

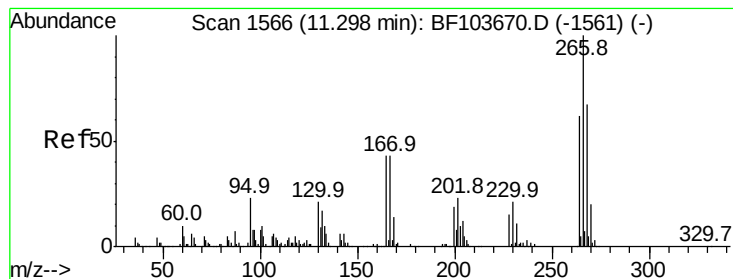
Tot Ion:284 Resp: 164756  
Ion Ratio Lower Upper  
284 100  
142 39.1 34.6 52.0  
249 31.2 24.8 37.2



#68  
Atrazine  
Concen: 41.098 ng  
RT: 11.20 min Scan# 1549  
Delta R.T. -0.00 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Tgt Ion:200 Resp: 149875  
Ion Ratio Lower Upper  
200 100  
173 29.8 8.6 48.6  
215 45.6 25.1 65.1





#69

Pentachlorophenol

Concen: 64.643 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

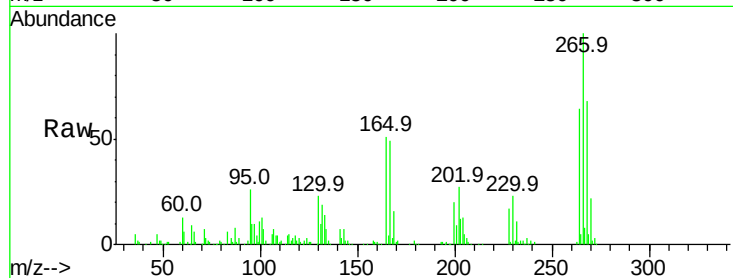
Tot Ion:266 Resp: 150835

Ion Ratio Lower Upper

266 100

268 68.2 51.1 76.7

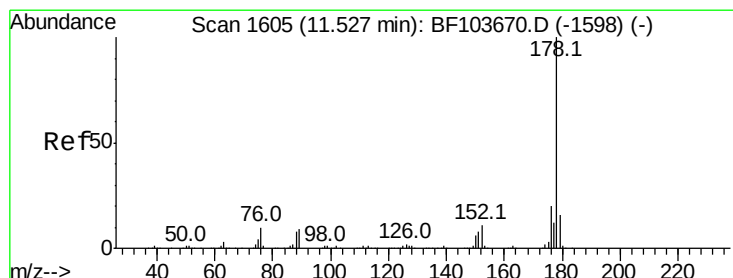
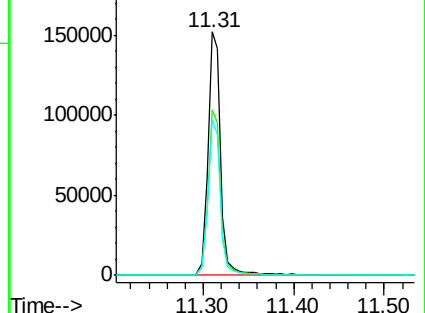
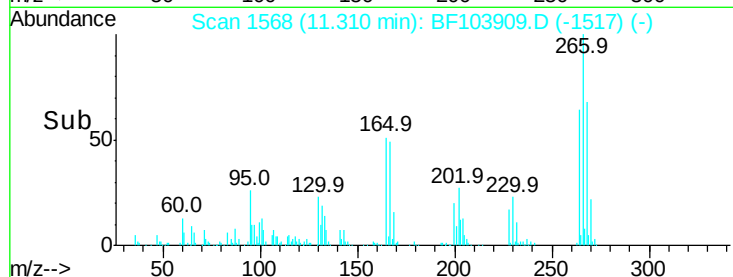
264 63.6 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.061 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

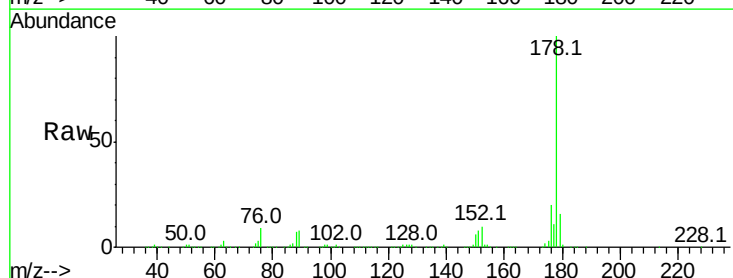
Tgt Ion:178 Resp: 740035

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

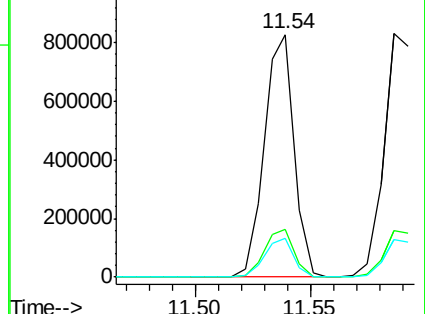
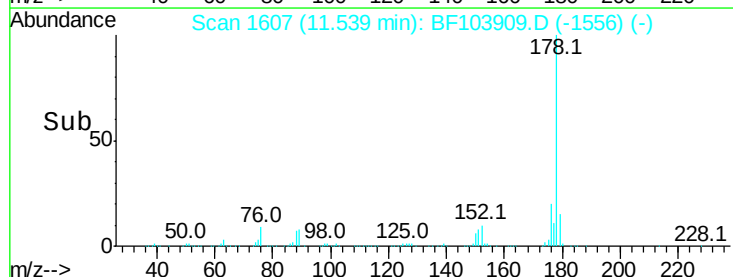
179 15.8 13.0 19.6

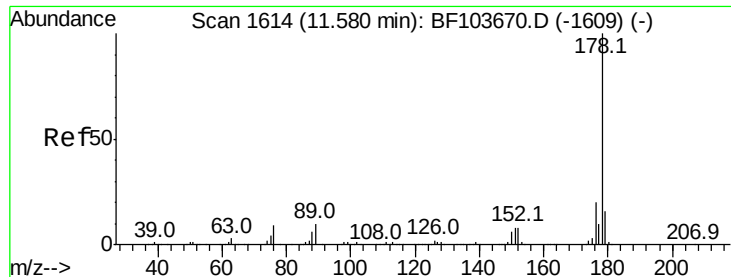


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

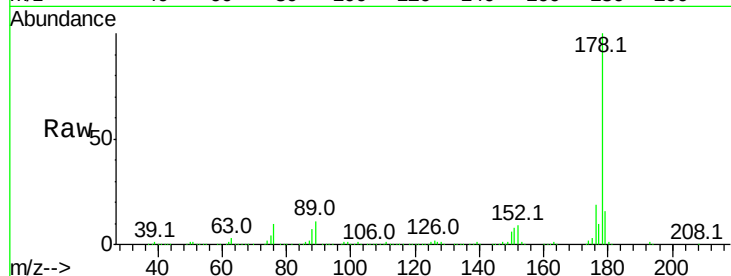




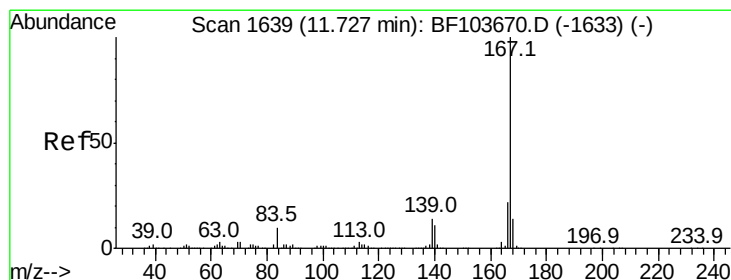
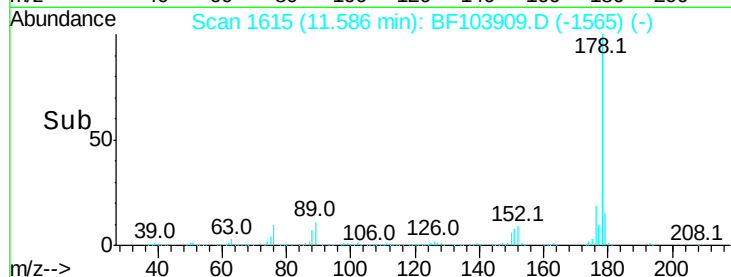
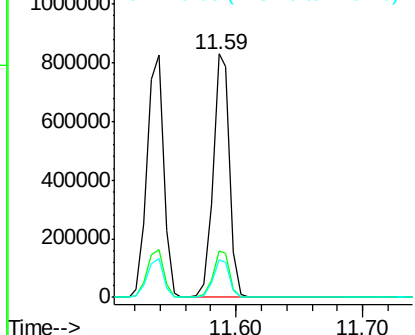
#71  
 Anthracene  
 Concen: 39.609 ng  
 RT: 11.59 min Scan# 1615  
 Delta R.T. -0.01 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:178 Resp: 762169  
 Ion Ratio Lower Upper  
 178 100  
 176 18.9 15.4 23.2  
 179 15.6 12.6 19.0

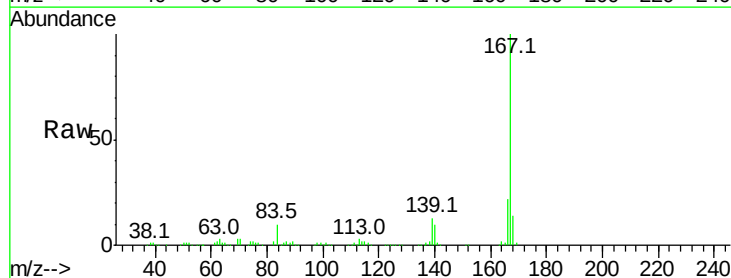


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

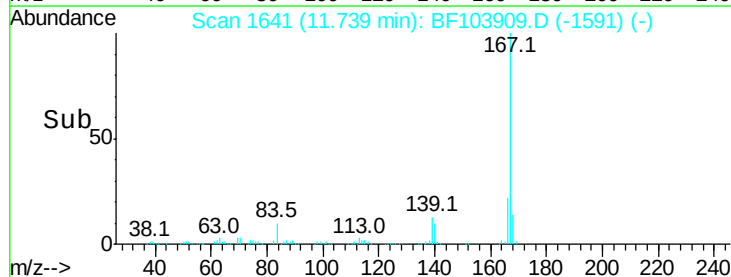
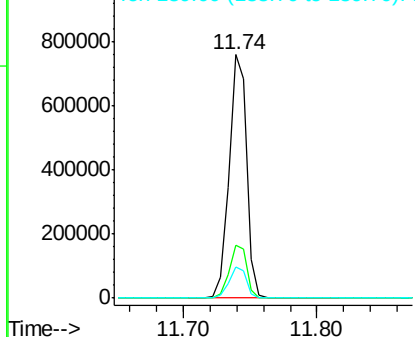


#72  
 Carbazole  
 Concen: 37.758 ng  
 RT: 11.74 min Scan# 1641  
 Delta R.T. -0.01 min  
 Lab File: BF103909.D  
 Acq: 24 Mar 2018 4:52

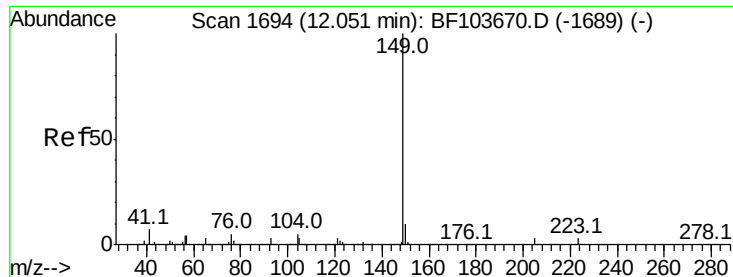
Tgt Ion:167 Resp: 706180  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.6 26.4  
 139 12.8 10.9 16.3



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







#73

Di-n-butylphthalate

Concen: 42.087 ng

RT: 12.06 min Scan# 1695

Delta R.T. -0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

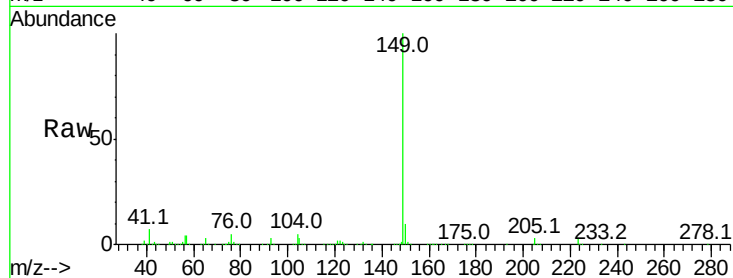
Tot Ion:149 Resp: 944481

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

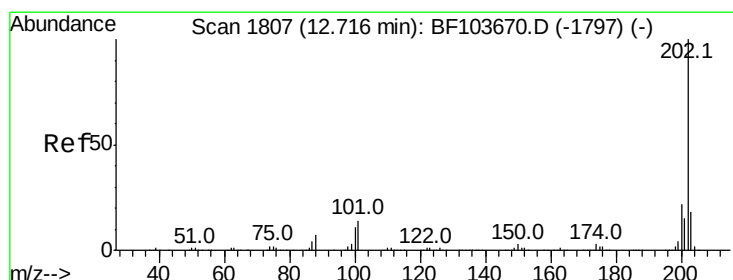
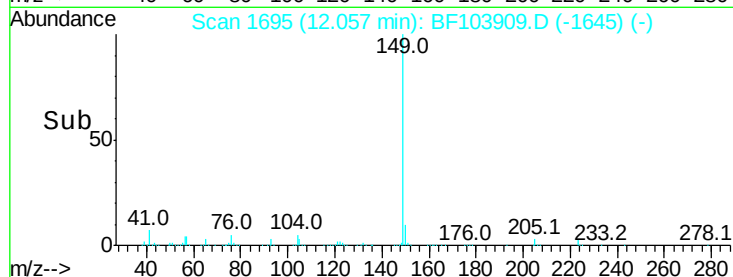
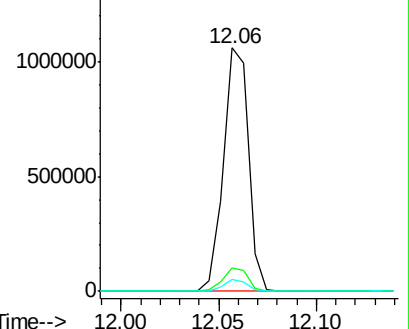
104 4.8 3.8 5.8



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: 37.740 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

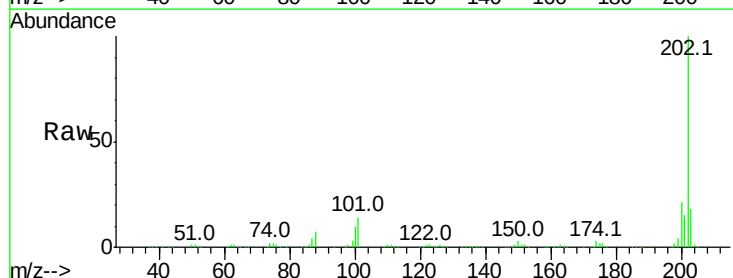
Tgt Ion:202 Resp: 736625

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.1

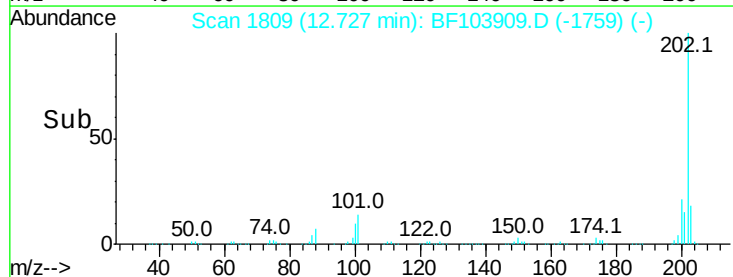
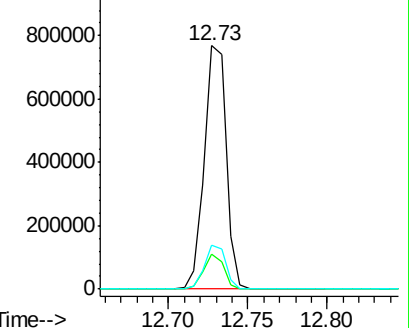
203 18.3 0.0 38.1

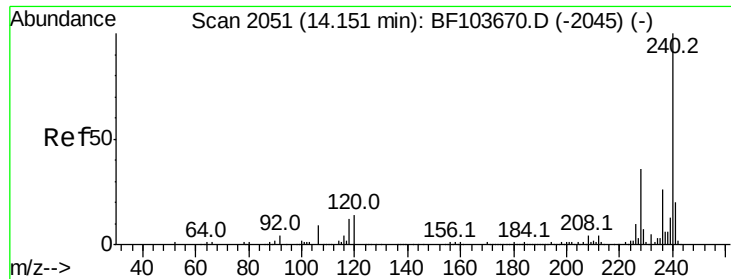


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

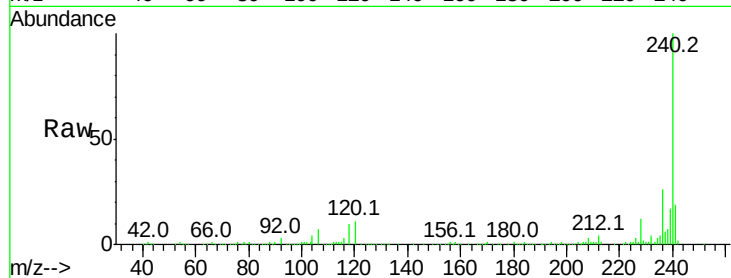




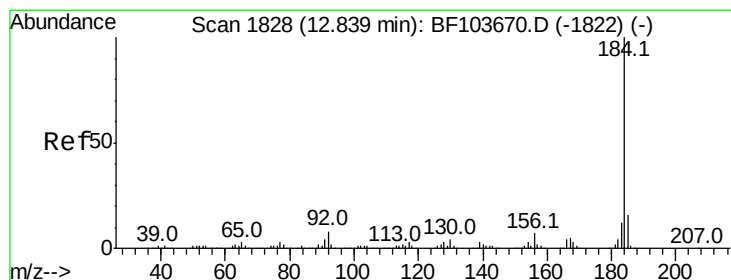
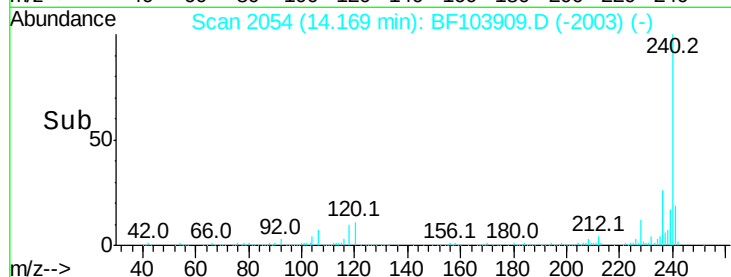
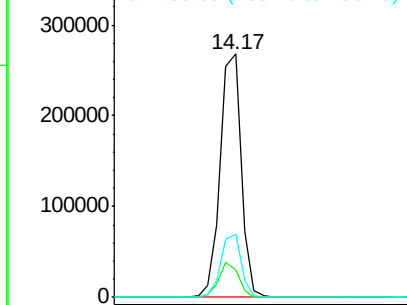
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.17 min Scan# 2054  
Delta R.T. 0.00 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:240 Resp: 247612  
Ion Ratio Lower Upper  
240 100  
120 11.3 9.5 14.3  
236 25.9 20.7 31.1

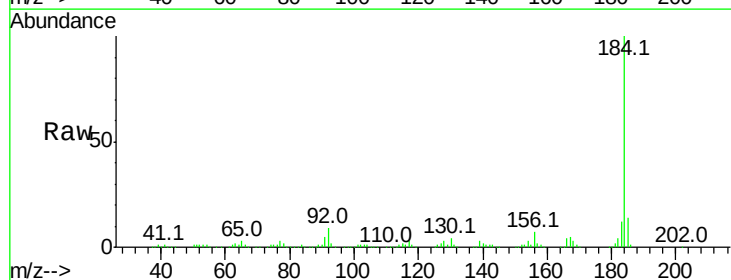


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

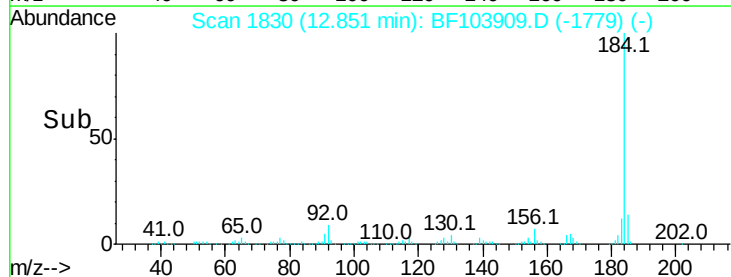
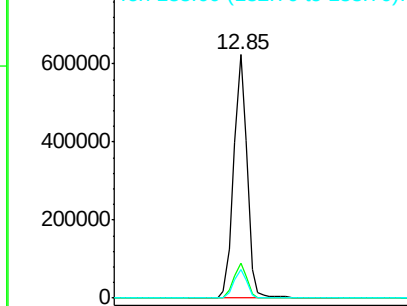


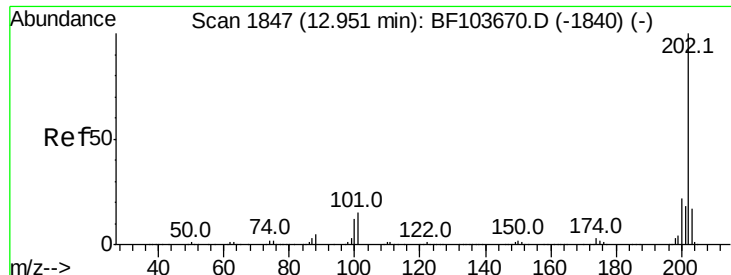
#76  
Benzidine  
Concen: 56.755 ng  
RT: 12.85 min Scan# 1830  
Delta R.T. -0.00 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Tgt Ion:184 Resp: 599378  
Ion Ratio Lower Upper  
184 100  
185 14.2 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

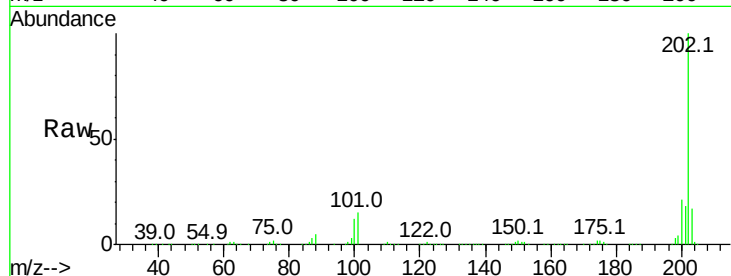




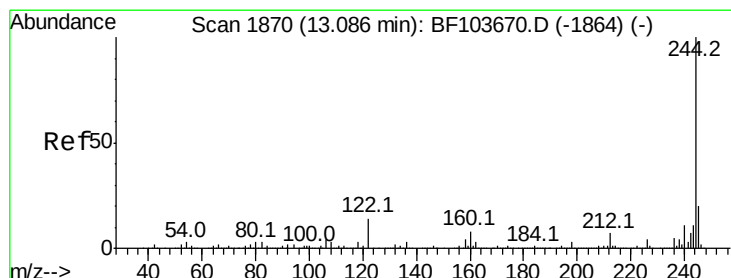
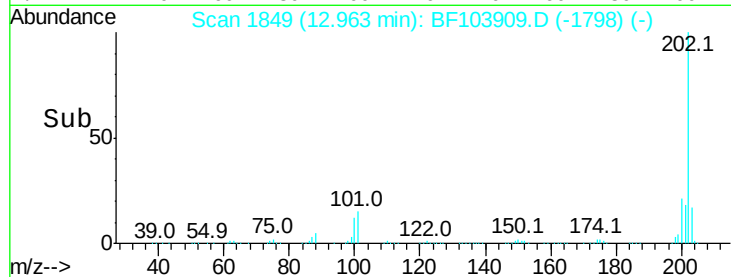
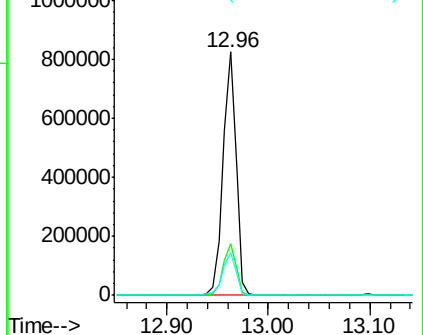
#77  
Pvrene  
Concen: 40.178 ng  
RT: 12.96 min Scan# 1849  
Delta R.T. -0.00 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:202 Resp: 730610  
Ion Ratio Lower Upper  
202 100  
200 21.0 17.4 26.2  
203 17.4 14.3 21.5

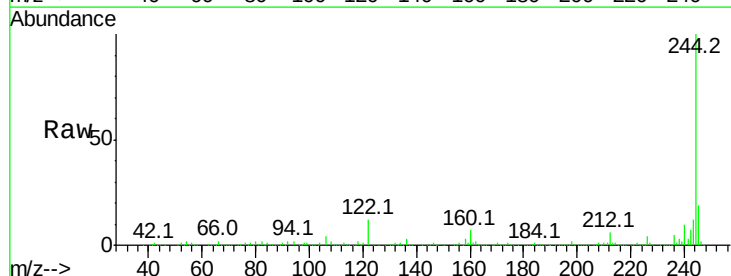


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

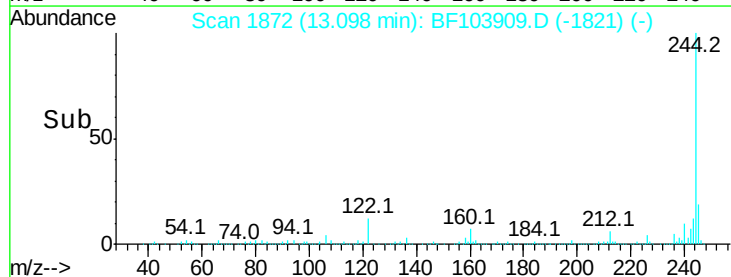
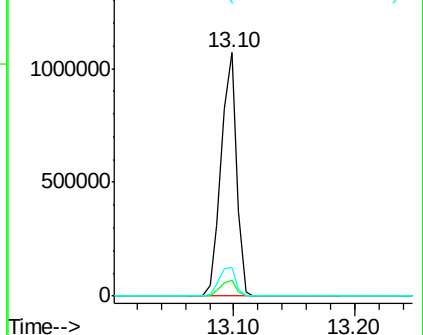


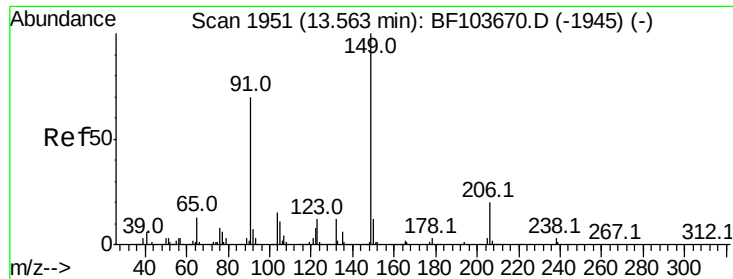
#78  
Terphenyl-d14  
Concen: 87.853 ng  
RT: 13.10 min Scan# 1872  
Delta R.T. 0.00 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Tgt Ion:244 Resp: 937189  
Ion Ratio Lower Upper  
244 100  
212 6.5 5.4 8.0  
122 12.0 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.759 ng

RT: 13.57 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BF103909.D

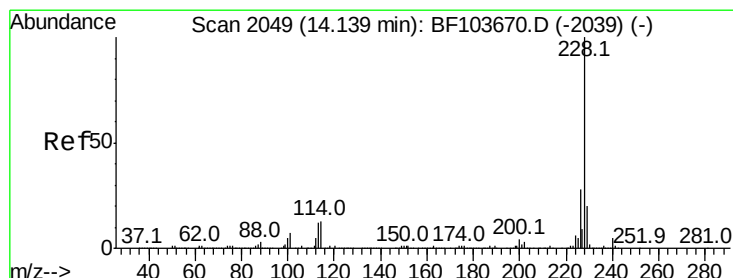
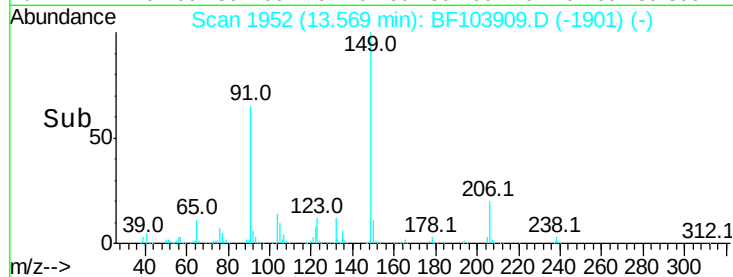
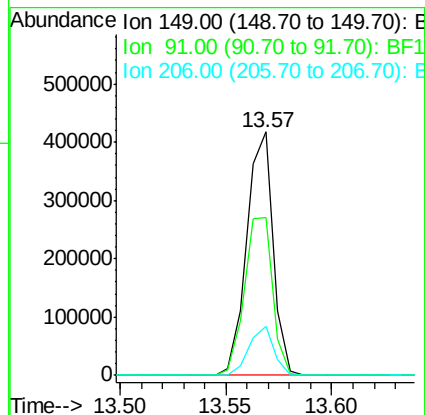
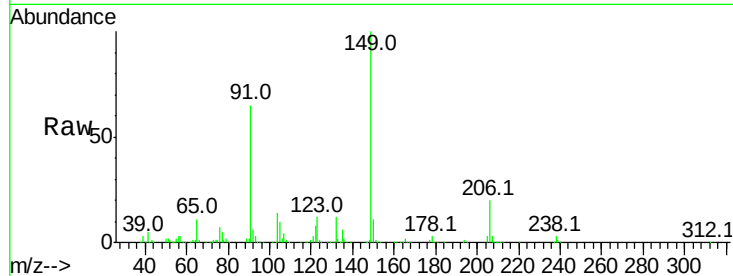
Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 149   | Resp: | 360609 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 91       | 65.1  | 56.8  | 85.2   |
| 206      | 20.3  | 14.1  | 21.1   |



#80

Benzo(a)anthracene

Concen: 39.215 ng

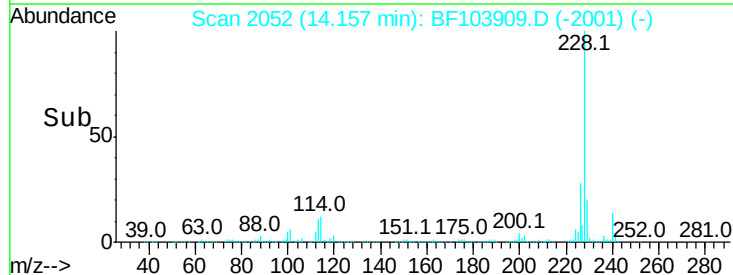
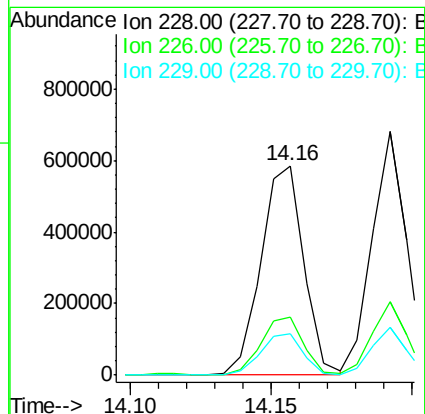
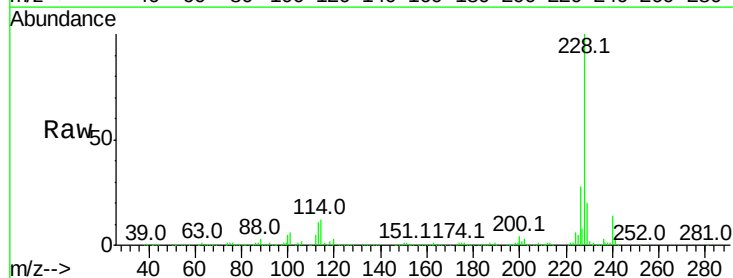
RT: 14.16 min Scan# 2052

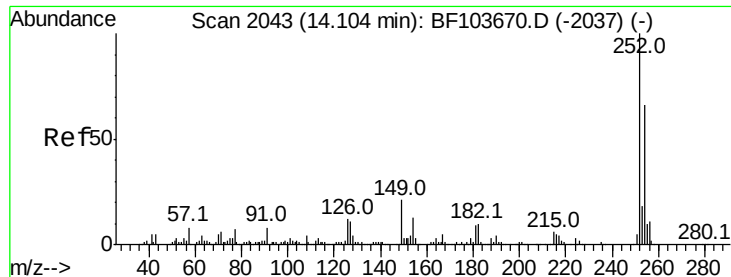
Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 614642 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 27.9  | 22.6  | 33.8   |
| 229      | 19.6  | 15.8  | 23.6   |





#81

3,3'-Dichlorobenzidine

Concen: 43.626 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

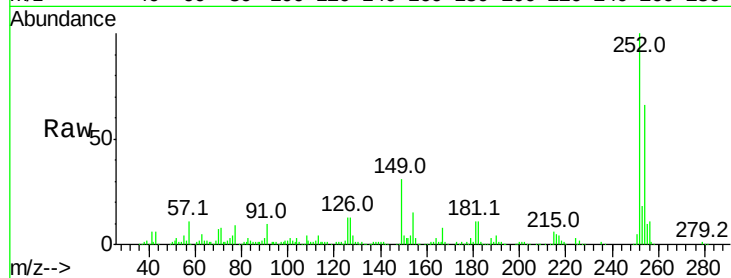
Tot Ion:252 Resp: 228724

Ion Ratio Lower Upper

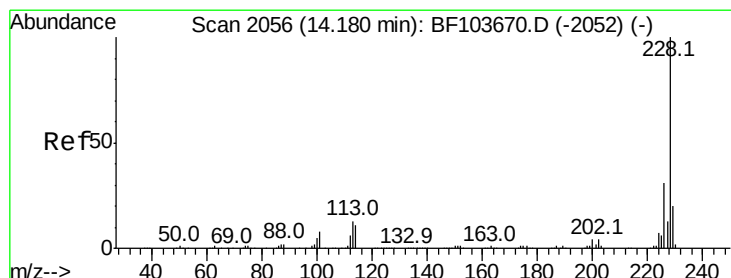
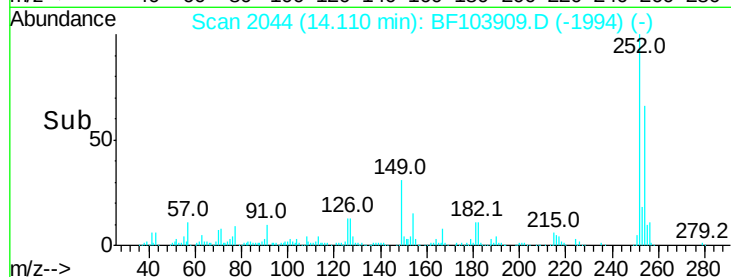
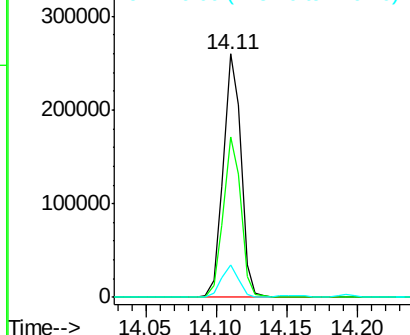
252 100

254 65.8 50.4 75.6

126 13.4 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.576 ng

RT: 14.19 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

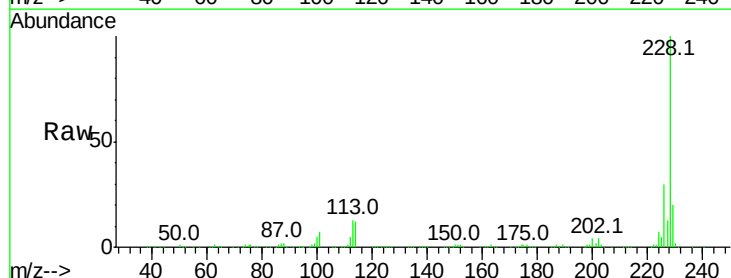
Tgt Ion:228 Resp: 576371

Ion Ratio Lower Upper

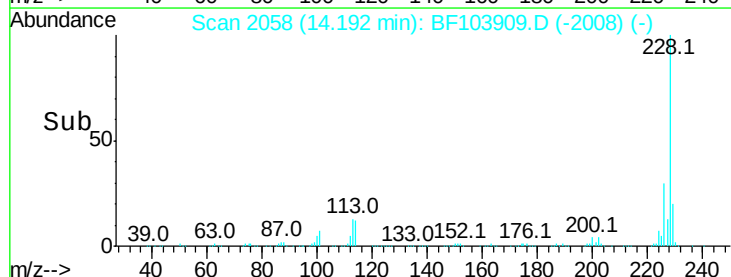
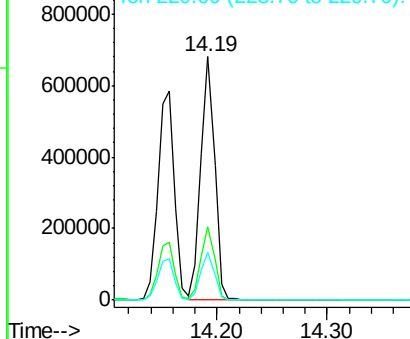
228 100

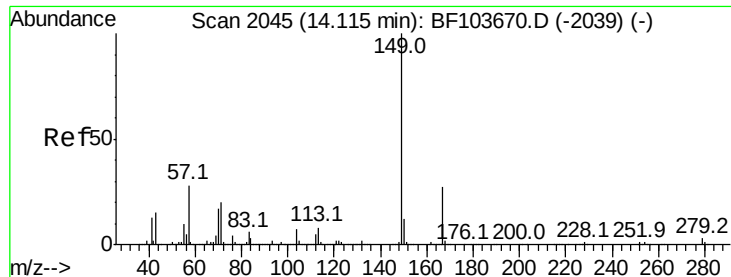
226 30.2 25.0 37.6

229 19.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.802 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

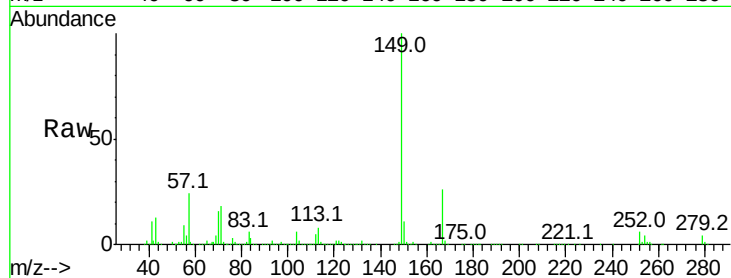
Tot Ion:149 Resp: 504142

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

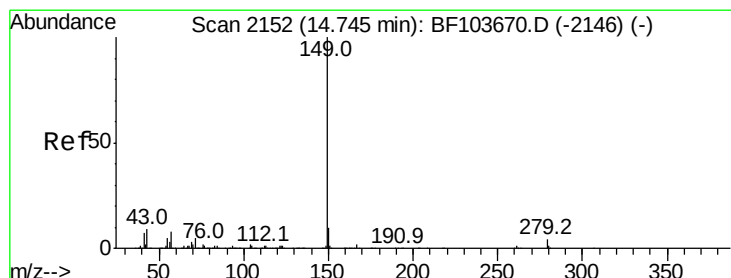
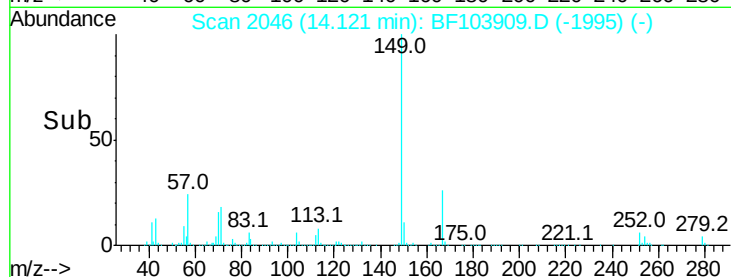
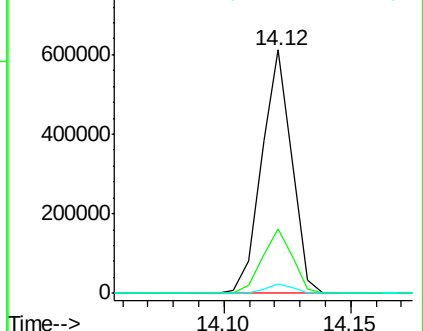
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.854 ng

RT: 14.75 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

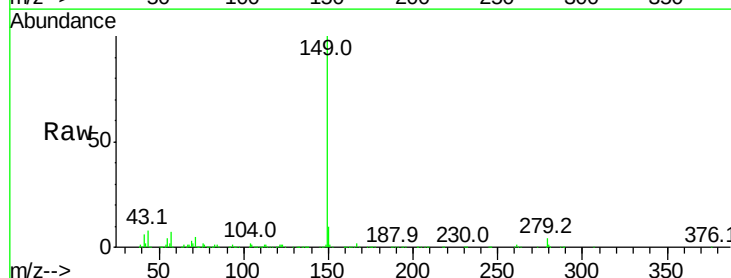
Tgt Ion:149 Resp: 834786

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

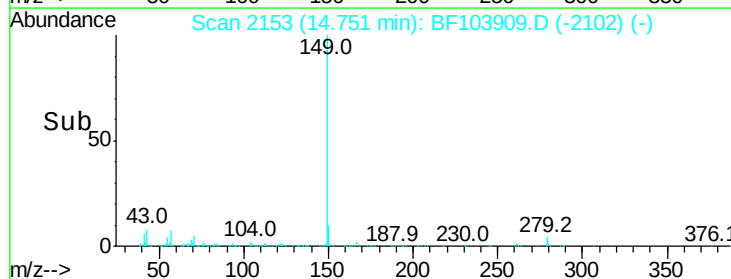
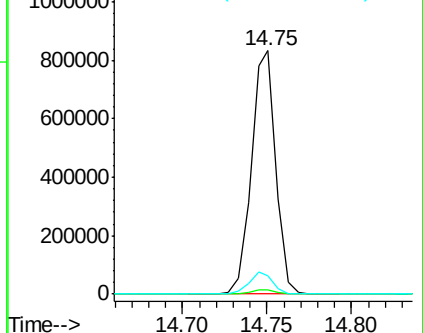
43 8.7 8.4 12.6

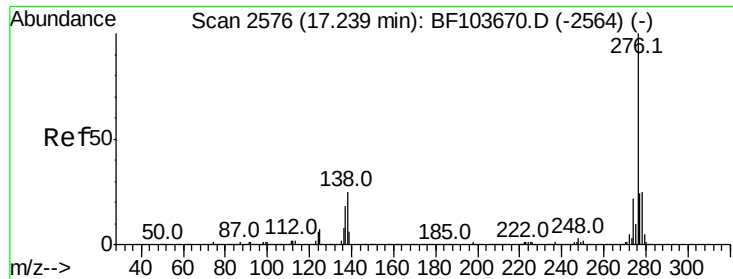


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.200 ng

RT: 17.29 min Scan# 2585

Delta R.T. -0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

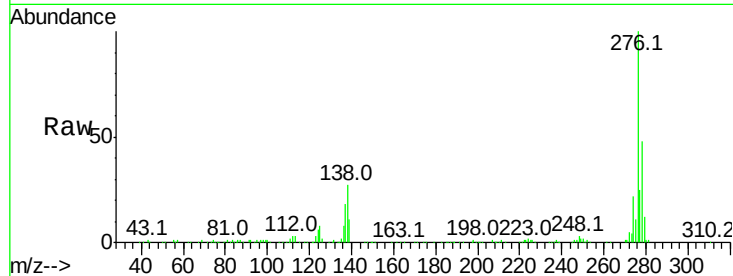
Tot Ion:276 Resp: 446240

Ion Ratio Lower Upper

276 100

138 29.2 25.0 37.6

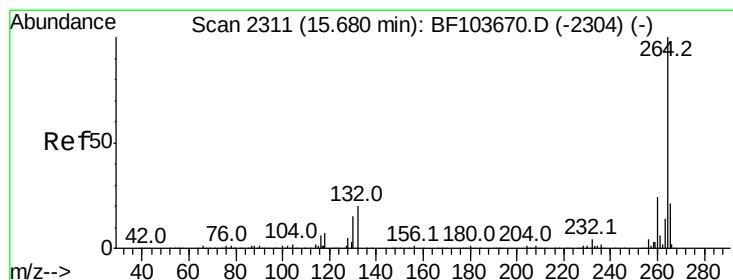
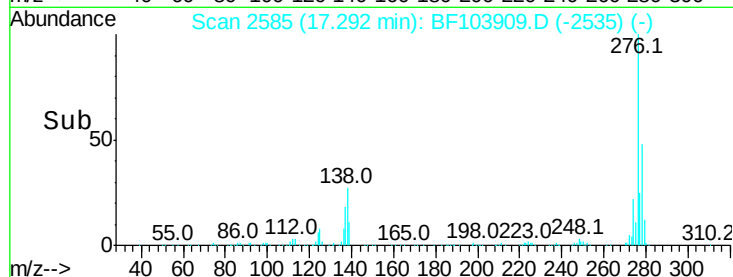
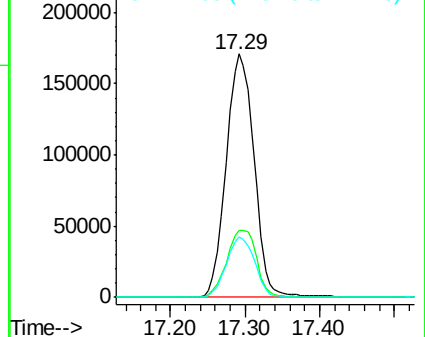
277 25.2 20.1 30.1



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: 15.70 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

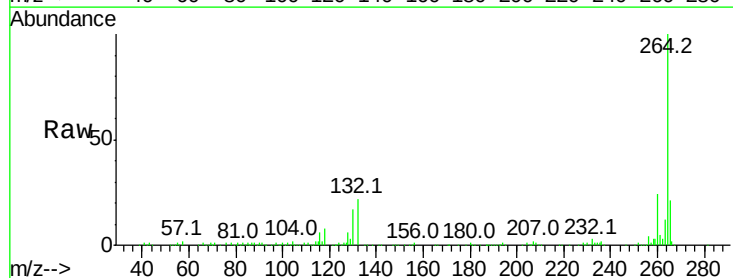
Tgt Ion:264 Resp: 193213

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

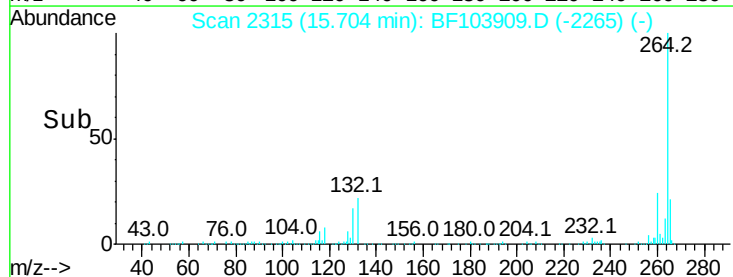
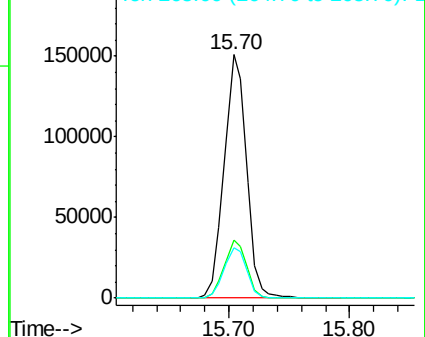
265 20.8 17.5 26.3

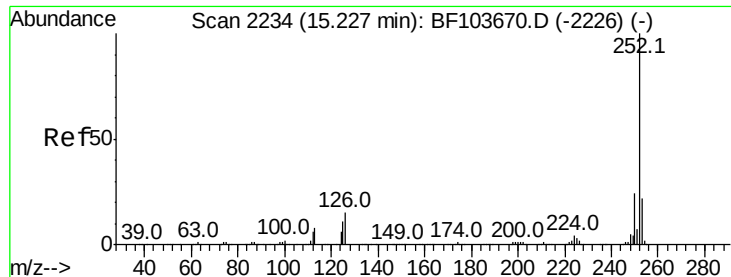


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

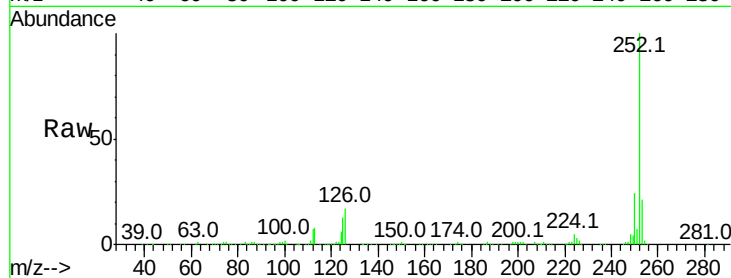




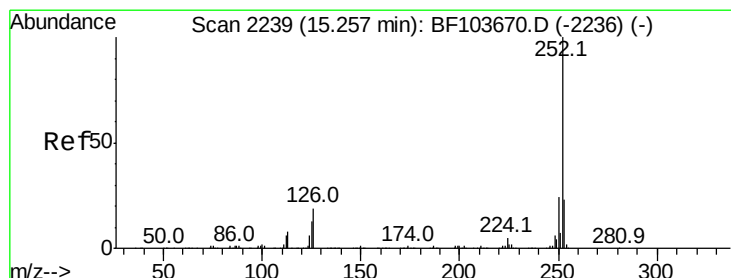
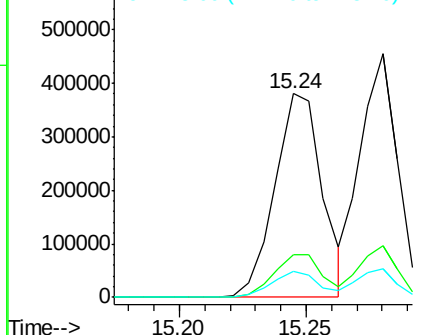
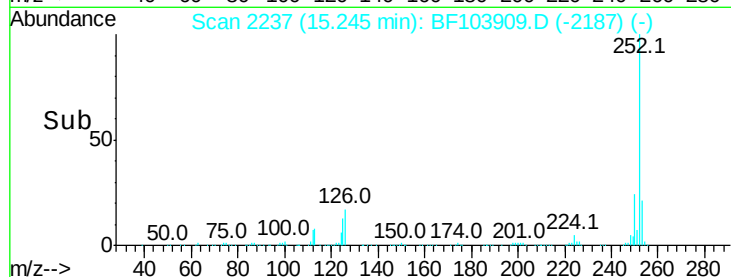
#87  
Benzo(b)fluoranthene  
Concen: 40.592 ng  
RT: 15.24 min Scan# 2237  
Delta R.T. -0.01 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 495490  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.0 25.6  
125 12.8 9.0 13.6

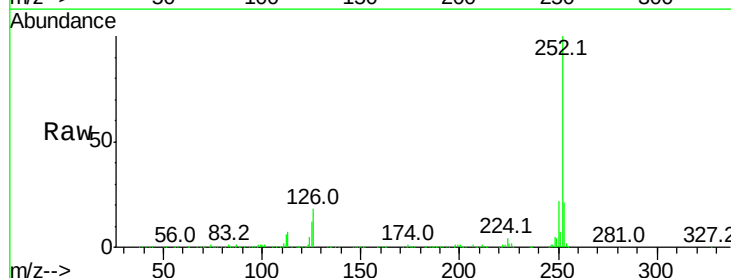


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

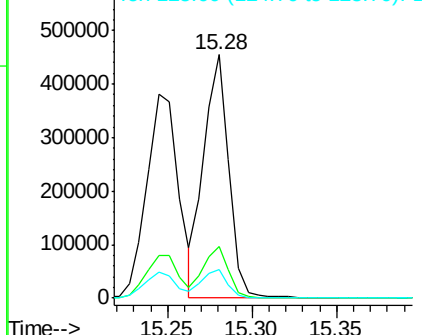
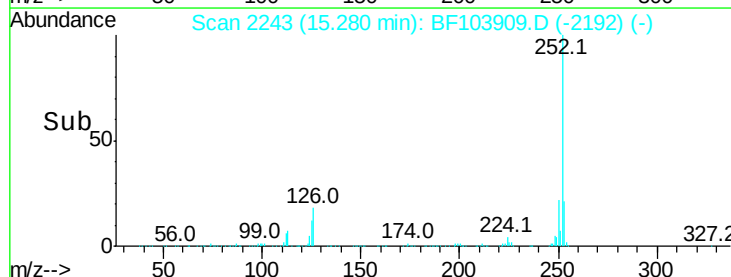


#88  
Benzo(k)fluoranthene  
Concen: 40.146 ng  
RT: 15.28 min Scan# 2243  
Delta R.T. -0.00 min  
Lab File: BF103909.D  
Acq: 24 Mar 2018 4:52

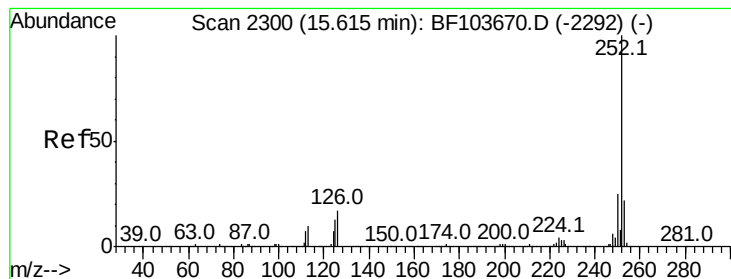
Tgt Ion:252 Resp: 471068  
Ion Ratio Lower Upper  
252 100  
253 21.0 17.9 26.9  
125 11.6 10.2 15.2



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







#89

Benzo(a)pyrene

Concen: 39.264 ng

RT: 15.64 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

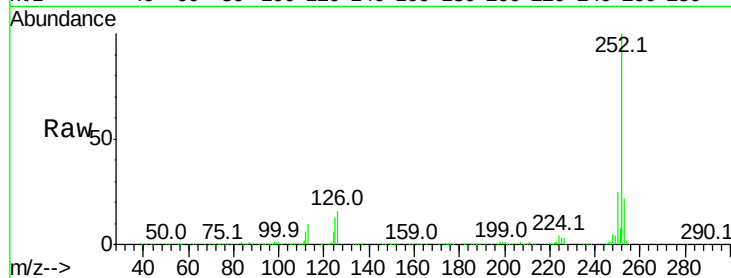
Tot Ion:252 Resp: 434712

Ion Ratio Lower Upper

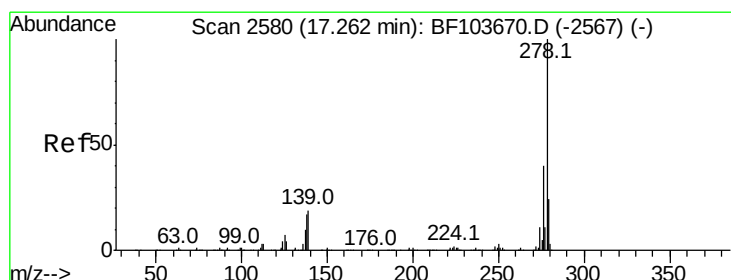
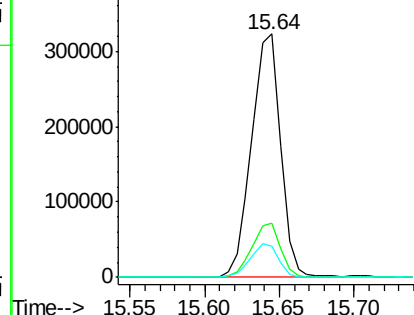
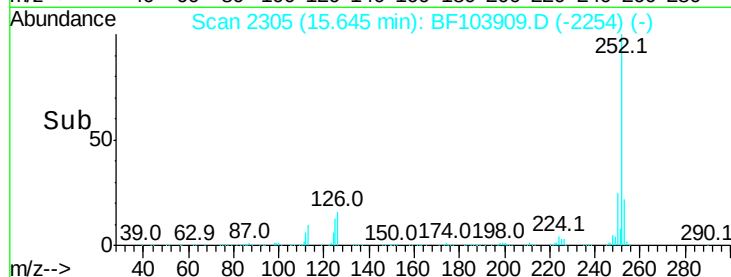
252 100

253 22.1 17.1 25.7

125 12.7 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 39.984 ng

RT: 17.31 min Scan# 2588

Delta R.T. -0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

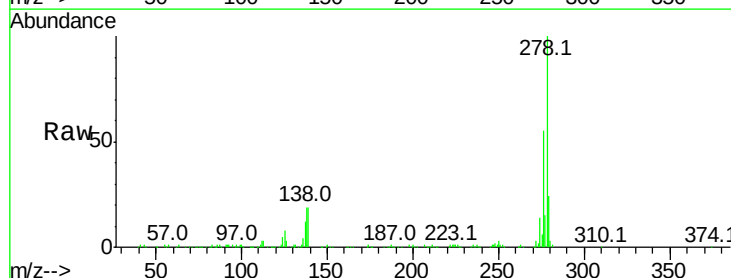
Tgt Ion:278 Resp: 383318

Ion Ratio Lower Upper

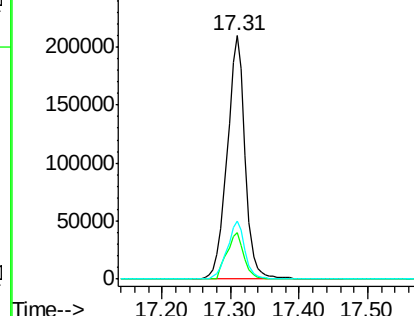
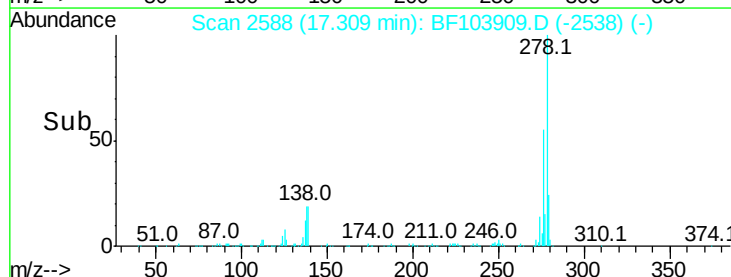
278 100

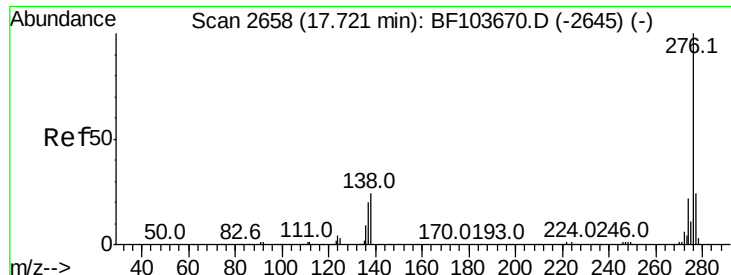
139 19.0 15.9 23.9

279 23.9 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 39.030 ng

RT: 17.77 min Scan# 2667

Delta R.T. -0.01 min

Lab File: BF103909.D

Acq: 24 Mar 2018 4:52

Instrument :

BNA\_F

ClientSampleId :

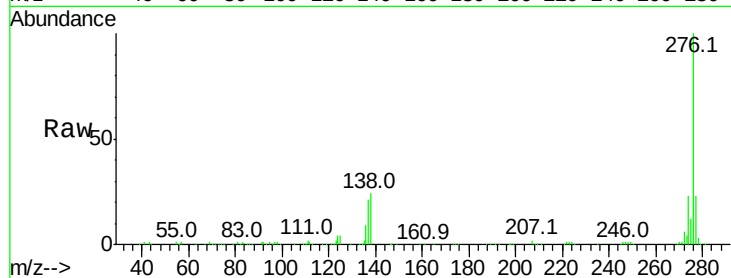
Tot Ion: 276 Resp: 364013

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 24.4 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

