

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\  
 Data File : BF102749.D  
 Acq On : 5 Feb 2018 20:21  
 Operator : SJ/JU  
 Sample : J1456-02MS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 8-SAN-9-WW(1-4)MS

Quant Time: Feb 06 00:43:01 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 05 12:44:16 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89  | 152  | 195390   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.17  | 136  | 882074   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.93  | 164  | 366641   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.42 | 188  | 482142   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.07 | 240  | 234116   | 20.00 | ng    | 0.02     |
| 86) Perylene-d12          | 15.56 | 264  | 253541   | 20.00 | ng    | 0.03     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.50  | 112 | 1540334 | 119.72 | ng | 0.01 |
| 7) Phenol-d6             | 6.52  | 99  | 1835226 | 118.47 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.45  | 82  | 1014637 | 79.80  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.72 | 330 | 325560  | 110.32 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.25  | 172 | 1720199 | 77.85  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.01 | 244 | 893089  | 90.32  | ng | 0.01 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.70 | 88  | 228465  | 35.952 | ng | # 85   |
| 3) Pyridine                    | 3.48 | 79  | 659791  | 37.580 | ng | 87     |
| 4) n-Nitrosodimethylamine      | 3.42 | 42  | 352736  | 46.957 | ng | 95     |
| 6) Aniline                     | 6.55 | 93  | 251099  | 10.976 | ng | 95     |
| 8) 2-Chlorophenol              | 6.67 | 128 | 552039  | 41.677 | ng | 99     |
| 9) Benzaldehyde                | 6.43 | 77  | 208044  | 18.084 | ng | 94     |
| 10) Phenol                     | 6.53 | 94  | 750745  | 45.220 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.62 | 93  | 557309  | 40.342 | ng | 90     |
| 12) 1,3-Dichlorobenzene        | 6.83 | 146 | 576224  | 37.567 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.90 | 146 | 492708  | 32.247 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.06 | 146 | 530624  | 37.285 | ng | 97     |
| 15) Benzyl Alcohol             | 7.02 | 79  | 492097  | 41.317 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.16 | 45  | 889379  | 33.891 | ng | 97     |
| 17) 2-Methylphenol             | 7.13 | 107 | 496903  | 40.670 | ng | 97     |
| 18) Hexachloroethane           | 7.40 | 117 | 217585  | 41.528 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70  | 445522  | 43.619 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.29 | 107 | 551961  | 36.634 | ng | # 85   |
| 22) Acetophenone               | 7.30 | 105 | 785927  | 36.410 | ng | # 96   |
| 24) Nitrobenzene               | 7.47 | 77  | 568160  | 37.975 | ng | 98     |
| 25) Isophorone                 | 7.70 | 82  | 1194516 | 40.797 | ng | # 96   |
| 26) 2-Nitrophenol              | 7.78 | 139 | 273433  | 45.131 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.82 | 122 | 538797  | 43.557 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93  | 690862  | 39.831 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.02 | 162 | 475512  | 42.287 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.11 | 180 | 458802  | 36.066 | ng | 99     |
| 31) Naphthalene                | 8.19 | 128 | 1660426 | 38.528 | ng | 99     |
| 32) Benzoic acid               | 7.90 | 122 | 114993  | 20.637 | ng | # 72   |
| 33) 4-Chloroaniline            | 8.24 | 127 | 265294  | 14.290 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.30 | 225 | 236106  | 36.220 | ng | 99     |
| 35) Caprolactam                | 8.60 | 113 | 148346  | 37.986 | ng | # 25   |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107 | 526263  | 41.652 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.88 | 142 | 1119359 | 39.672 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.05 | 216 | 402198  | 40.288 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.03 | 237 | 85031   | 17.917 | ng | 95     |

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 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

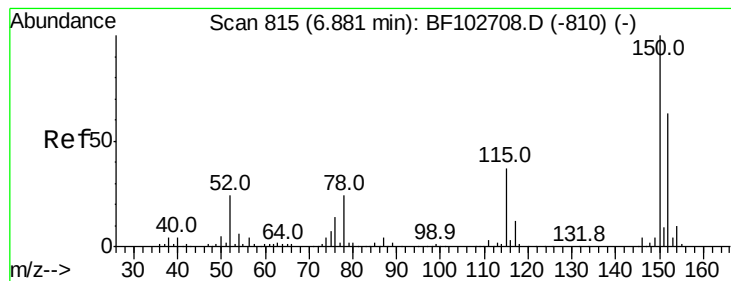
Instrument :  
 BNA\_F  
 ClientSampleId :  
 8-SAN-9-WW(1-4)MS

Quant Time: Feb 06 00:43:01 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 05 12:44:16 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.16  | 196  | 302101   | 46.072 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.20  | 196  | 321677   | 43.526 | ng    | 98       |
| 45) 1,1'-Biphenyl              | 9.35  | 154  | 1169868  | 37.883 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 9.37  | 162  | 923795   | 37.998 | ng    | 99       |
| 47) 2-Nitroaniline             | 9.46  | 65   | 353023   | 47.125 | ng    | 88       |
| 48) Acenaphthylene             | 9.79  | 152  | 1351437  | 35.790 | ng    | 99       |
| 49) Dimethylphthalate          | 9.65  | 163  | 1171642  | 40.984 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.71  | 165  | 234393   | 43.096 | ng    | 90       |
| 51) Acenaphthene               | 9.96  | 154  | 833681   | 36.918 | ng    | 100      |
| 52) 3-Nitroaniline             | 9.87  | 138  | 212440   | 31.744 | ng    | 94       |
| 53) 2,4-Dinitrophenol          | 9.97  | 184  | 21480    | 25.800 | ng    | # 31     |
| 54) Dibenzofuran               | 10.13 | 168  | 1174676  | 36.912 | ng    | 98       |
| 55) 4-Nitrophenol              | 10.03 | 139  | 413618   | 75.450 | ng    | 95       |
| 56) 2,4-Dinitrotoluene         | 10.11 | 165  | 293375   | 40.718 | ng    | # 95     |
| 57) Fluorene                   | 10.47 | 166  | 870085   | 37.578 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.25 | 232  | 217735   | 42.508 | ng    | # 97     |
| 59) Diethylphthalate           | 10.35 | 149  | 911030   | 32.274 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.46 | 204  | 379983   | 37.098 | ng    | 96       |
| 61) 4-Nitroaniline             | 10.49 | 138  | 236385   | 37.109 | ng    | 92       |
| 62) Azobenzene                 | 10.63 | 77   | 921506   | 32.678 | ng    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.52 | 198  | 21758    | 18.520 | ng    | # 61     |
| 65) n-Nitrosodiphenylamine     | 10.59 | 169  | 852730   | 50.141 | ng    | 96       |
| 66) 4-Bromophenyl-phenylether  | 10.96 | 248  | 234351   | 45.950 | ng    | 95       |
| 67) Hexachlorobenzene          | 11.03 | 284  | 229798   | 40.843 | ng    | 91       |
| 68) Atrazine                   | 11.11 | 200  | 213857   | 42.625 | ng    | 95       |
| 69) Pentachlorophenol          | 11.22 | 266  | 244507   | 74.030 | ng    | 98       |
| 70) Phenanthrene               | 11.44 | 178  | 1306716  | 48.663 | ng    | 99       |
| 71) Anthracene                 | 11.49 | 178  | 1096604  | 40.152 | ng    | 99       |
| 72) Carbazole                  | 11.64 | 167  | 940240   | 35.141 | ng    | 98       |
| 73) Di-n-butylphthalate        | 11.97 | 149  | 1229992  | 37.844 | ng    | 100      |
| 74) Fluoranthene               | 12.64 | 202  | 988606   | 36.593 | ng    | 97       |
| 76) Benzidine                  | 12.75 | 184  | 297707   | 27.668 | ng    | # 93     |
| 77) Pyrene                     | 12.87 | 202  | 952528   | 51.885 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.48 | 149  | 355960   | 40.695 | ng    | 99       |
| 80) Benzo(a)anthracene         | 14.06 | 228  | 660998   | 44.893 | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 14.02 | 252  | 111651   | 20.452 | ng    | # 94     |
| 82) Chrysene                   | 14.10 | 228  | 623697   | 42.022 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 513463   | 45.657 | ng    | 96       |
| 84) Di-n-octyl phthalate       | 14.65 | 149  | 806561   | 47.764 | ng    | # 94     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.06 | 276  | 677219   | 55.014 | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 15.12 | 252  | 665763   | 40.501 | ng    | # 89     |
| 88) Benzo(k)fluoranthene       | 15.15 | 252  | 605365   | 38.543 | ng    | # 94     |
| 89) Benzo(a)pyrene             | 15.50 | 252  | 624856   | 42.231 | ng    | # 91     |
| 90) Dibenzo(a,h)anthracene     | 17.07 | 278  | 536189   | 44.647 | ng    | 96       |
| 91) Benzo(g,h,i)perylene       | 17.51 | 276  | 571572   | 48.624 | ng    | 98       |

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



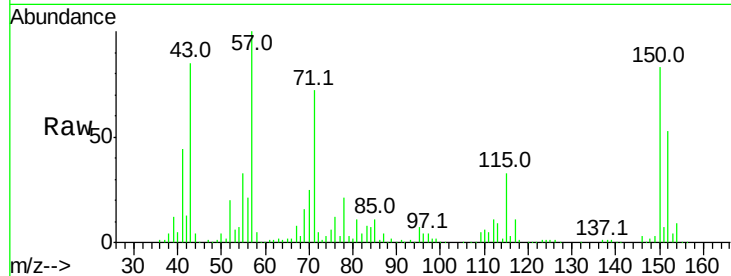


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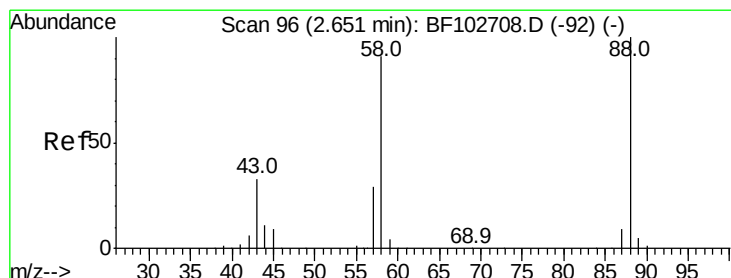
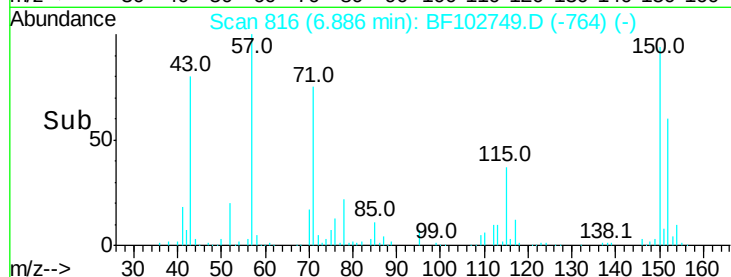
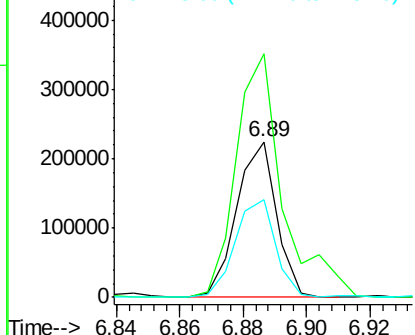
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 816  
Delta R.T. 0.01 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

Instrument :  
BNA\_F  
ClientSampleId :  
8-SAN-9-WW(1-4)MS

Tot Ion:152 Resp: 195390  
Ion Ratio Lower Upper  
152 100  
150 156.6 124.6 186.8  
115 62.5 50.1 75.1



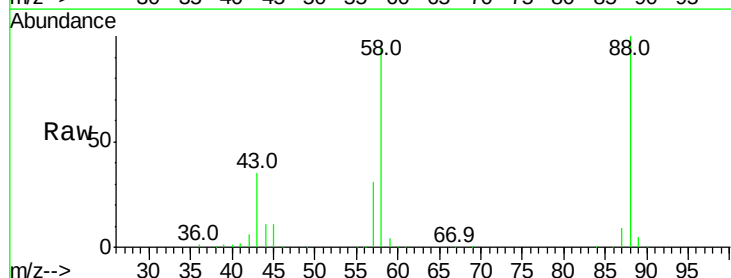
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



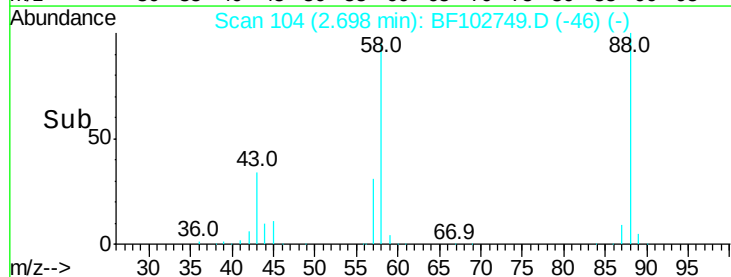
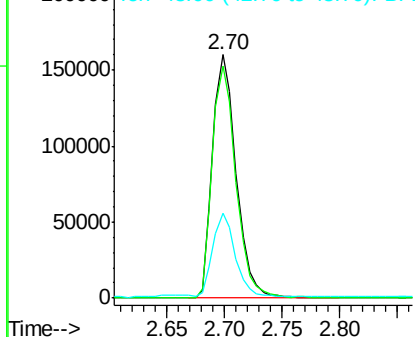
#2

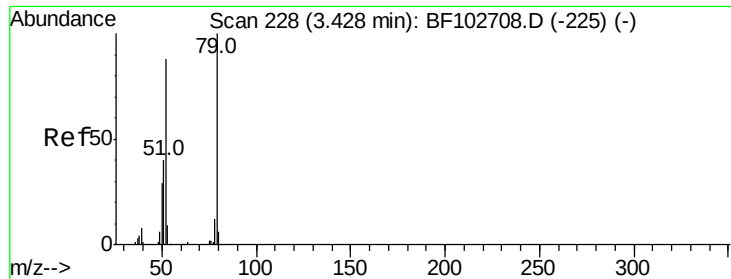
1,4-Dioxane  
Concen: 35.952 ng  
RT: 2.70 min Scan# 104  
Delta R.T. 0.04 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

Tgt Ion: 88 Resp: 228465  
Ion Ratio Lower Upper  
88 100  
58 95.6 62.6 93.8#  
43 32.8 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: 37.580 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.05 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

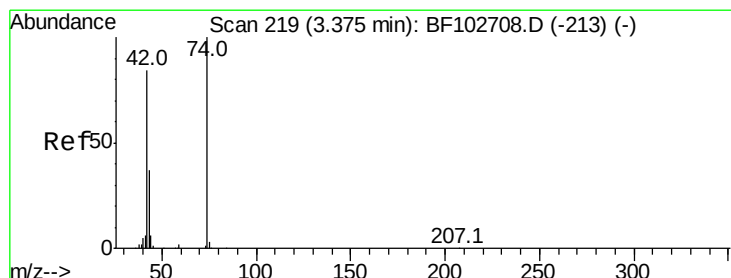
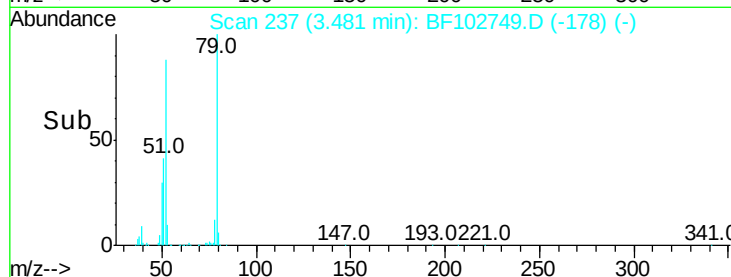
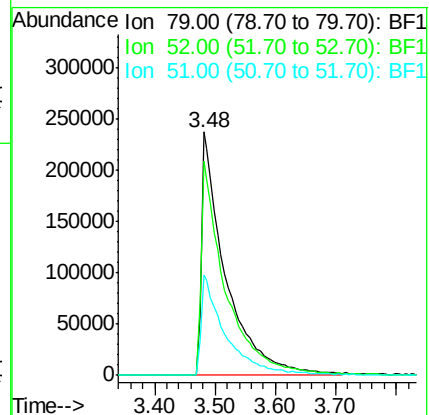
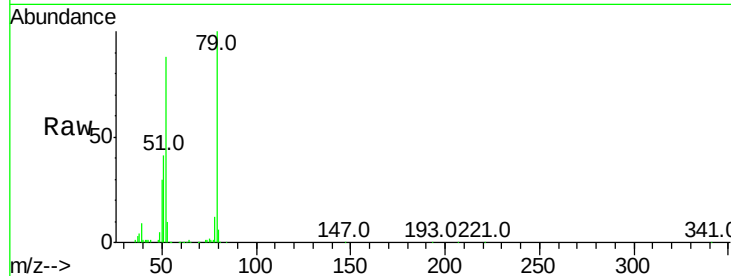
Tot Ion: 79 Resp: 659791

Ion Ratio Lower Upper

79 100

52 88.1 59.8 89.6

51 41.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 46.957 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

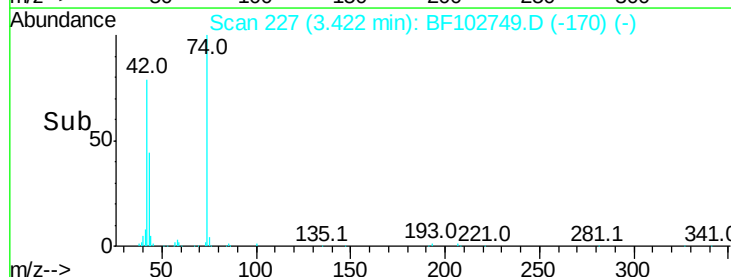
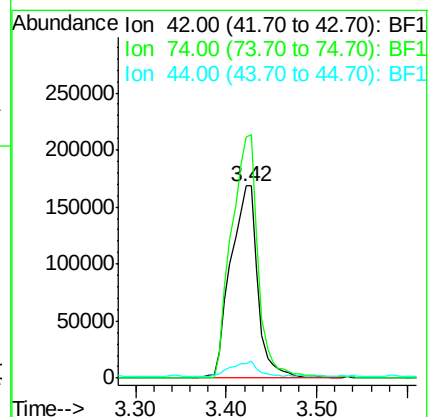
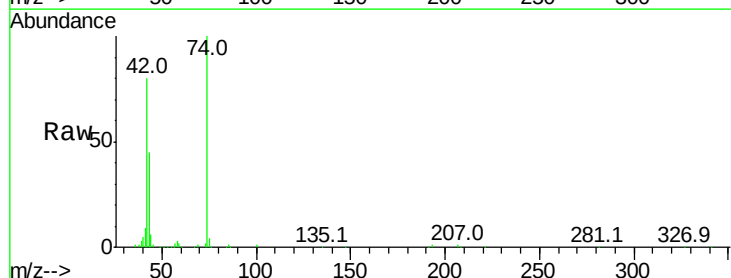
Tgt Ion: 42 Resp: 352736

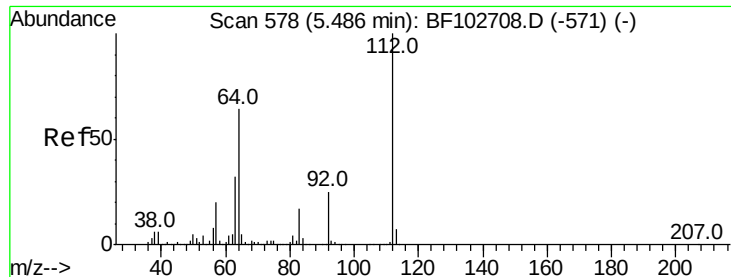
Ion Ratio Lower Upper

42 100

74 125.6 104.9 157.3

44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 119.722 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

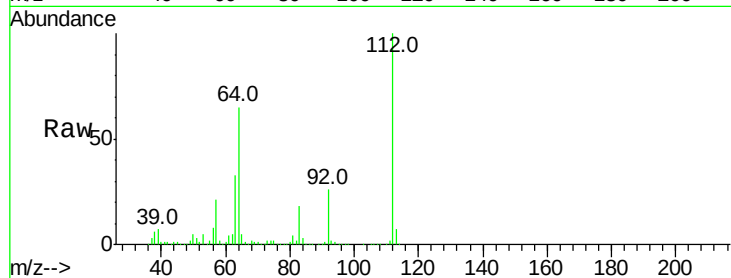
Tot Ion:112 Resp: 1540334

Ion Ratio Lower Upper

112 100

64 65.4 47.9 71.9

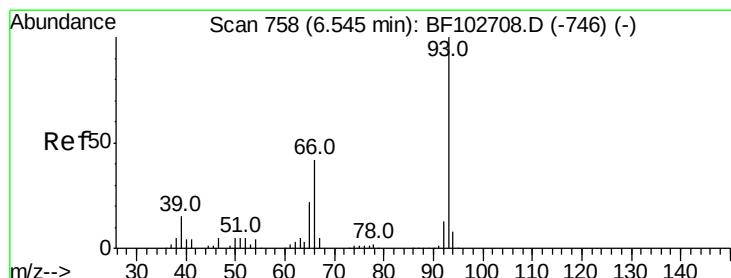
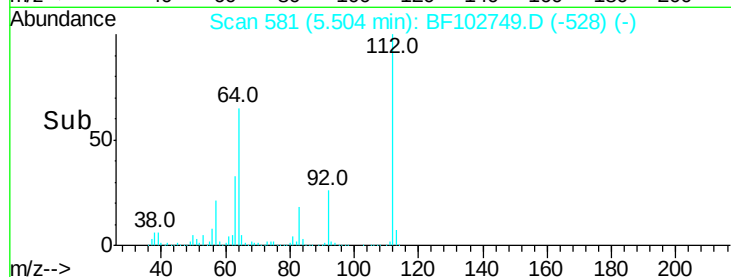
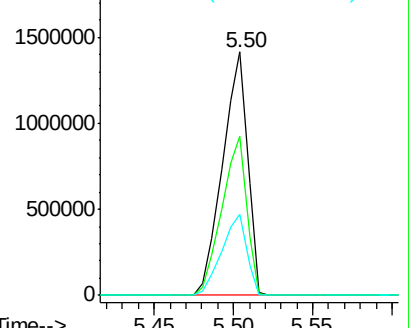
63 33.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.976 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

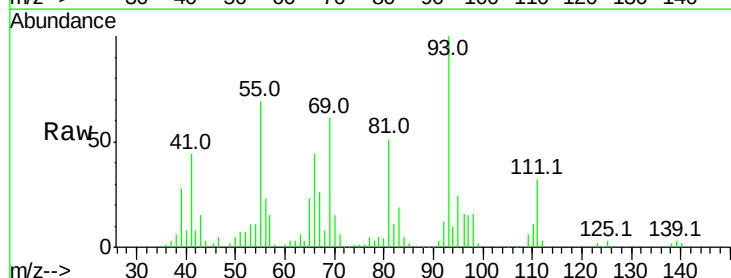
Tgt Ion: 93 Resp: 251099

Ion Ratio Lower Upper

93 100

66 43.8 32.2 48.2

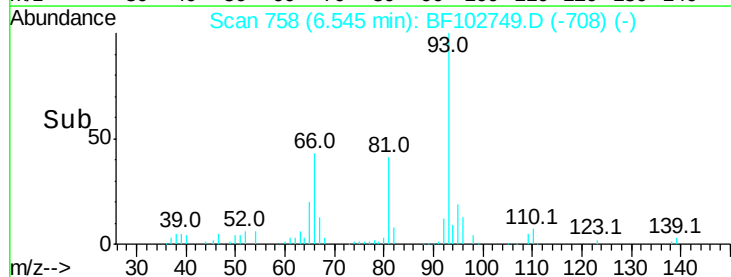
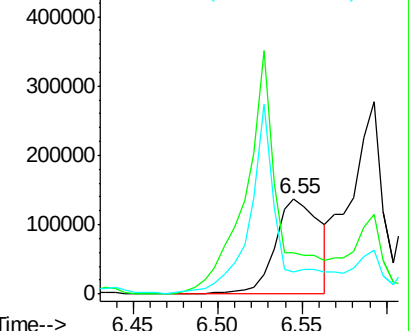
65 22.8 16.4 24.6

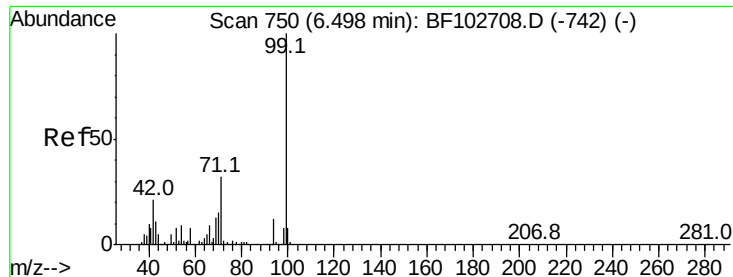


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.467 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102749.D

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Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

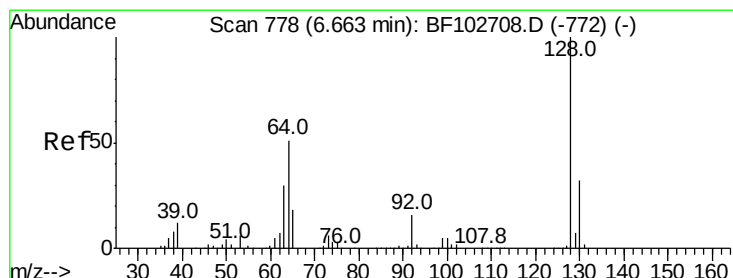
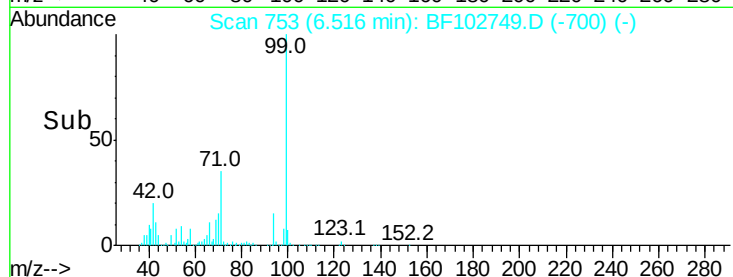
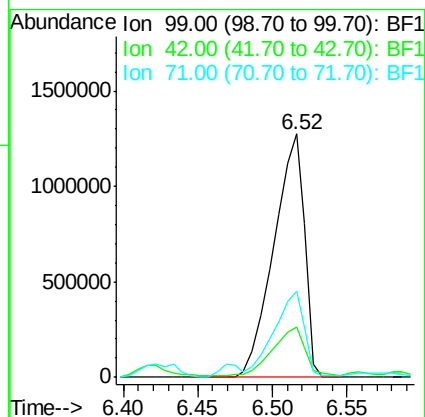
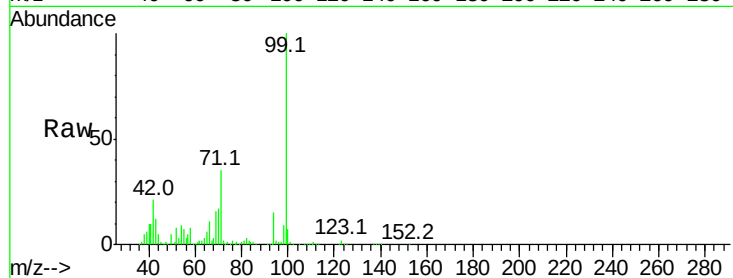
Tot Ion: 99 Resp: 1835226

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 35.3 25.4 38.0



#8

2-Chlorophenol

Concen: 41.677 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

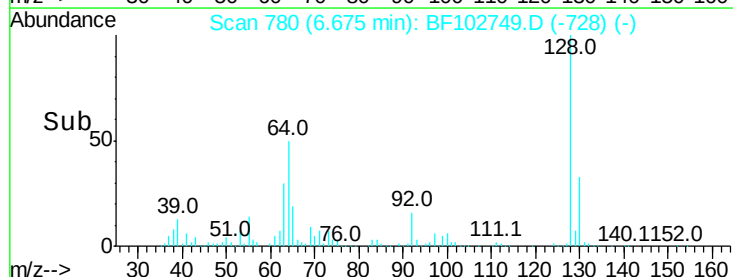
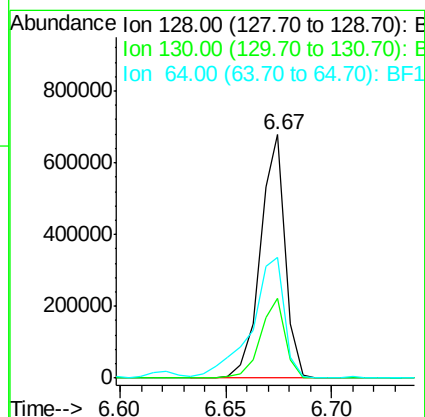
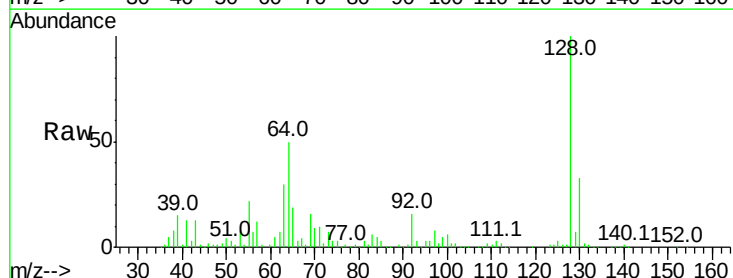
Tgt Ion: 128 Resp: 552039

Ion Ratio Lower Upper

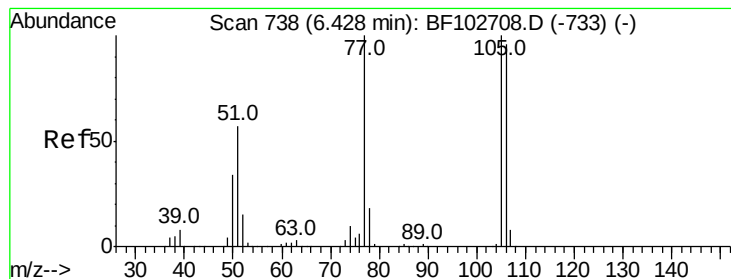
128 100

130 32.6 13.0 53.0

64 49.7 29.4 69.4







#9

Benzaldehyde

Concen: 18.084 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

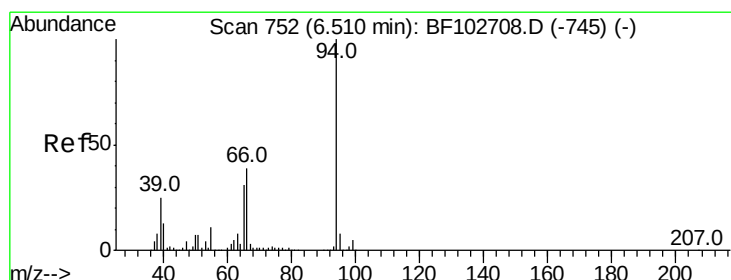
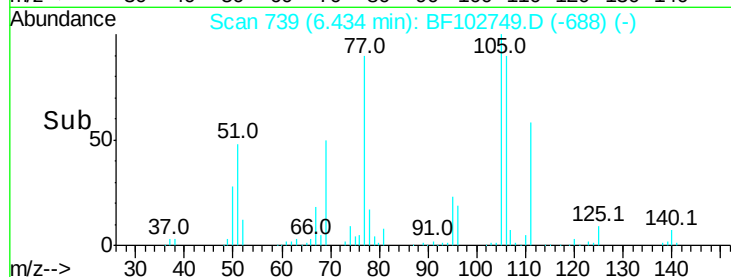
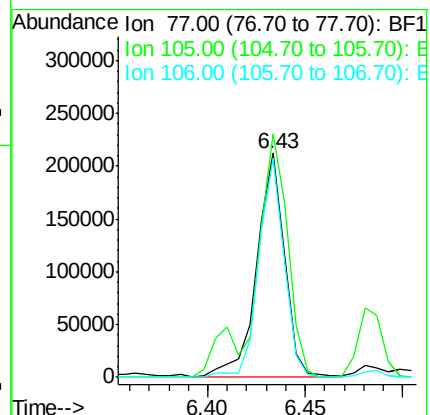
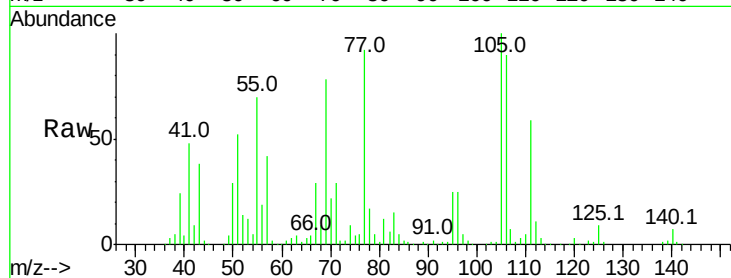
Tot Ion: 77 Resp: 208044

Ion Ratio Lower Upper

77 100

105 108.7 81.1 121.1

106 97.9 74.5 114.5



#10

Phenol

Concen: 45.220 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

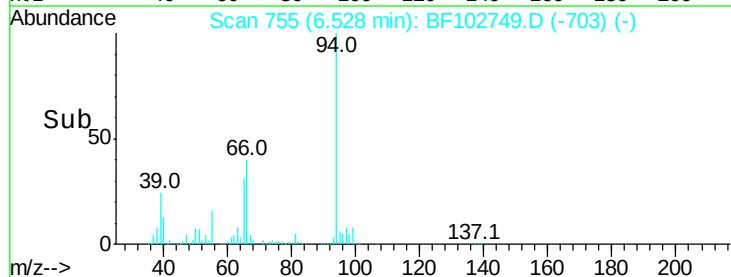
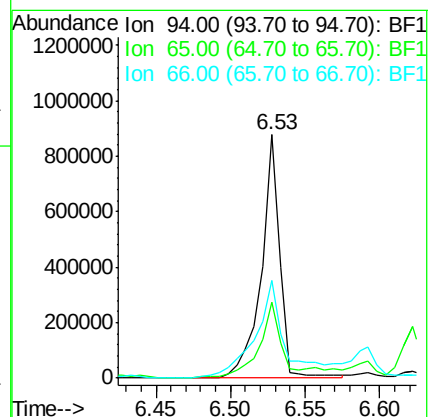
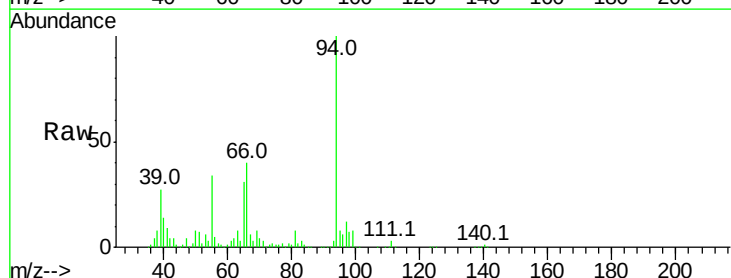
Tgt Ion: 94 Resp: 750745

Ion Ratio Lower Upper

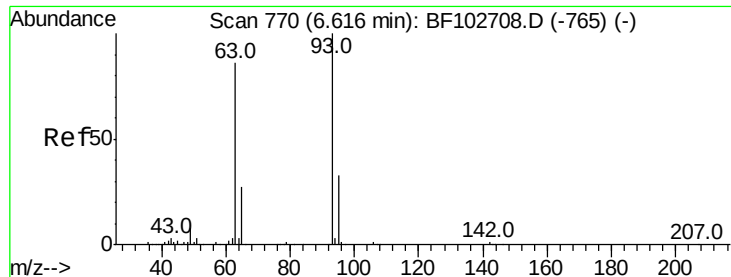
94 100

65 31.1 7.9 47.9

66 40.0 16.2 56.2







#11

bis(2-Chloroethyl)ether

Concen: 40.342 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

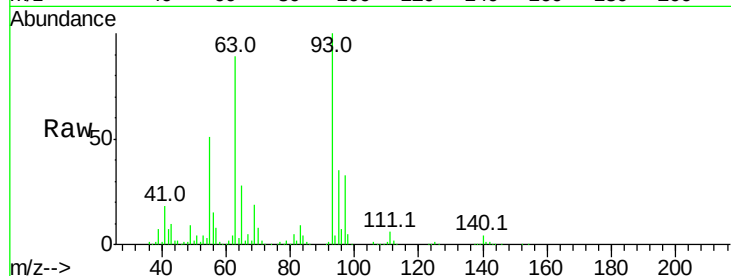
Tot Ion: 93 Resp: 557309

Ion Ratio Lower Upper

93 100

63 89.0 58.6 98.6

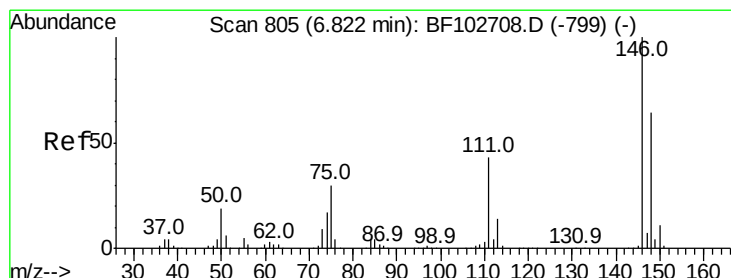
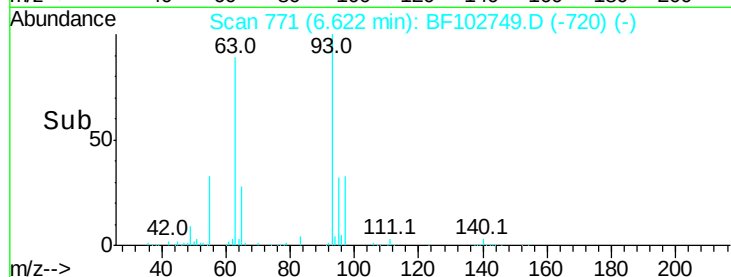
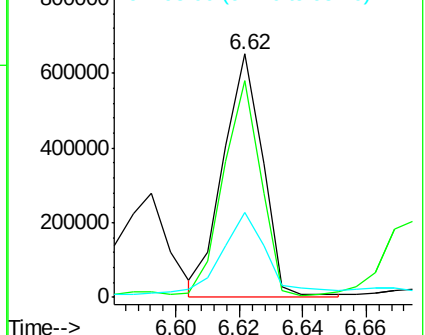
95 35.0 11.8 51.8



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: 37.567 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

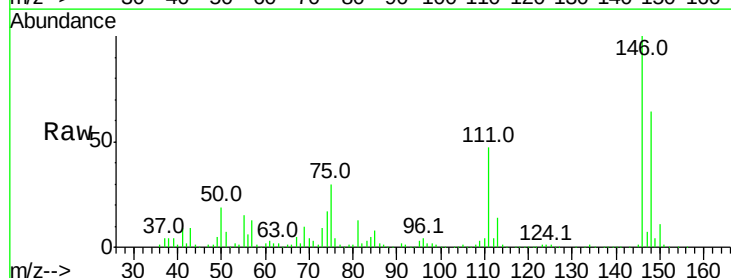
Tgt Ion: 146 Resp: 576224

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.8

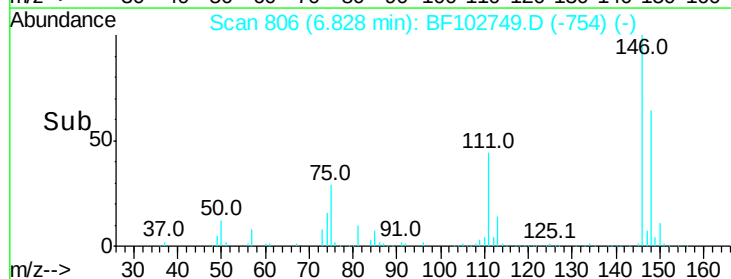
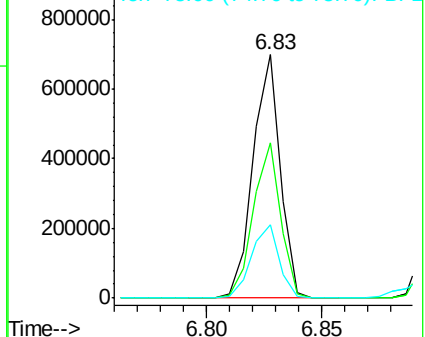
75 30.0 24.2 36.4

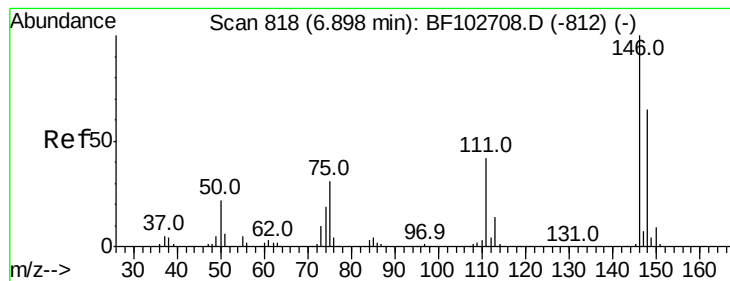


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 32.247 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

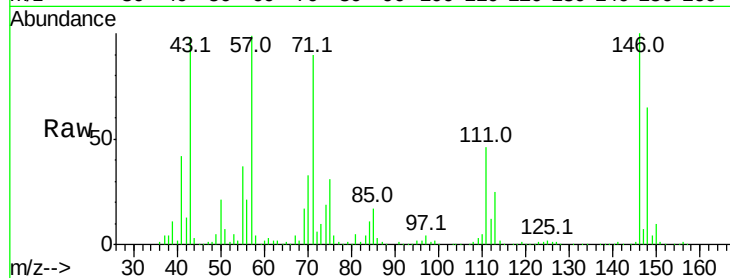
Tot Ion:146 Resp: 492708

Ion Ratio Lower Upper

146 100

148 64.6 50.8 76.2

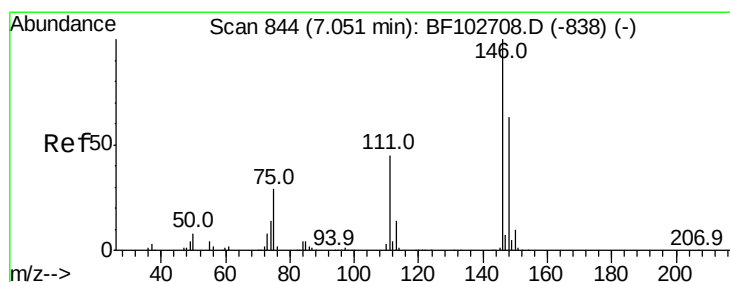
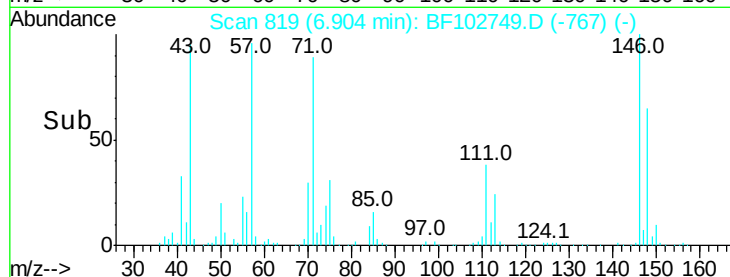
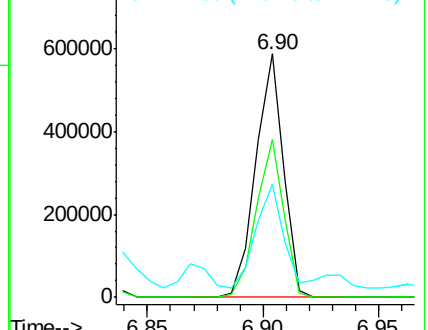
111 46.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.285 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

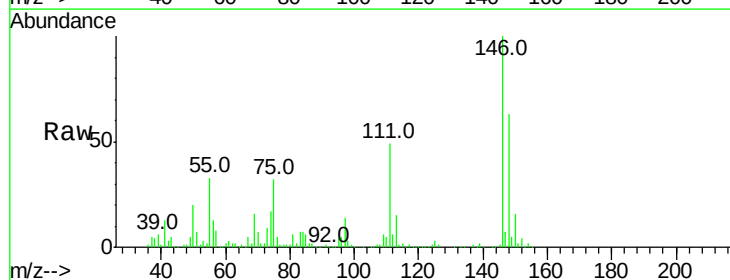
Tgt Ion:146 Resp: 530624

Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

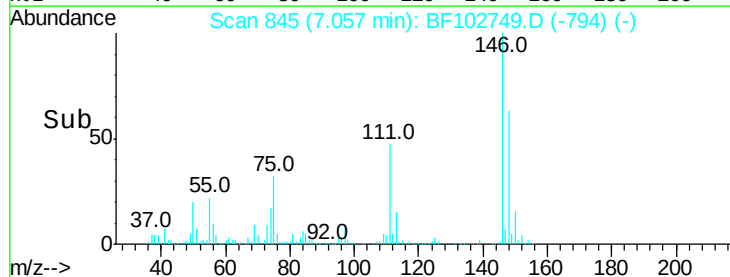
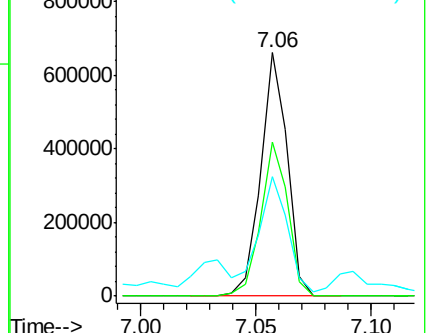
111 49.0 36.0 54.0

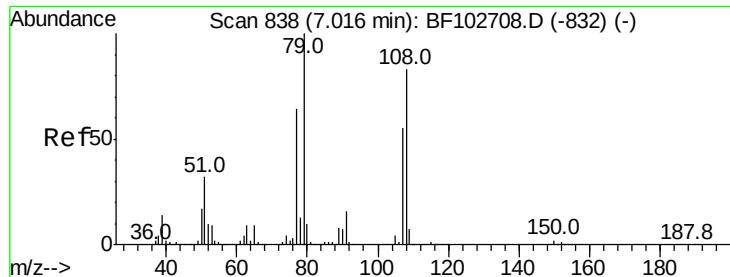


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.317 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

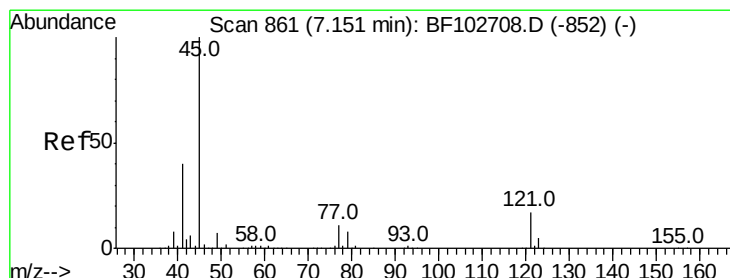
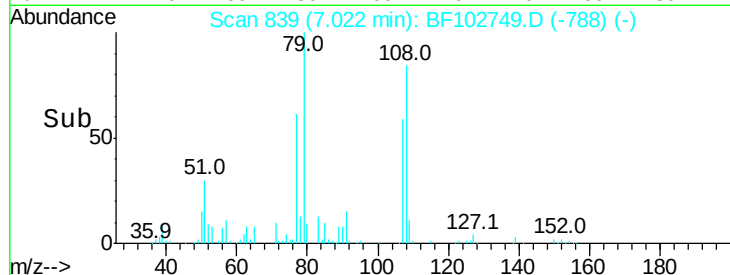
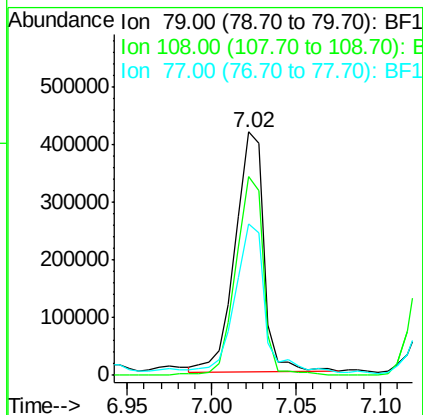
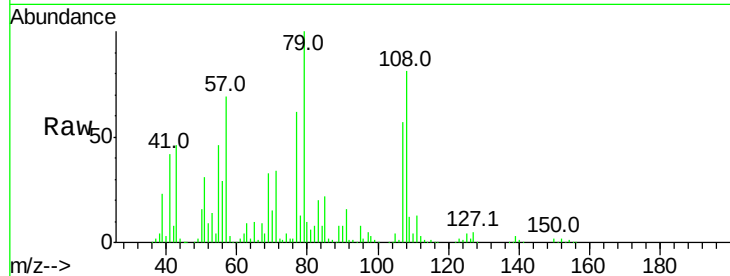
Tot Ion: 79 Resp: 492097

Ion Ratio Lower Upper

79 100

108 81.5 65.1 97.7

77 62.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.891 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

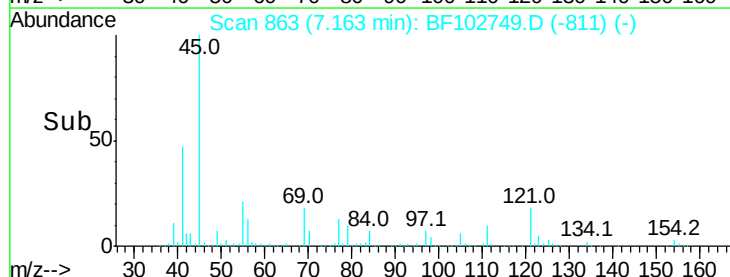
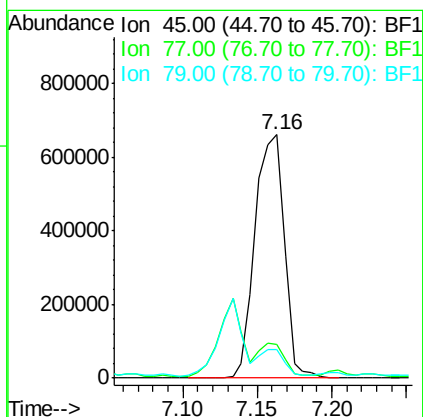
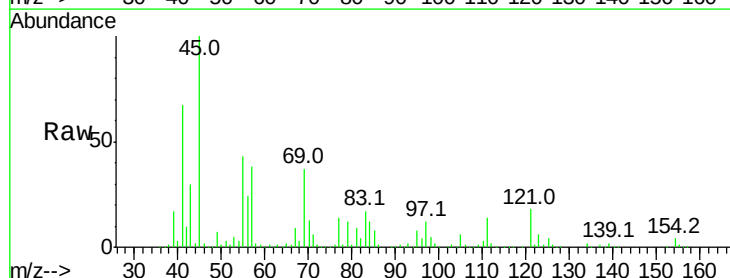
Tgt Ion: 45 Resp: 889379

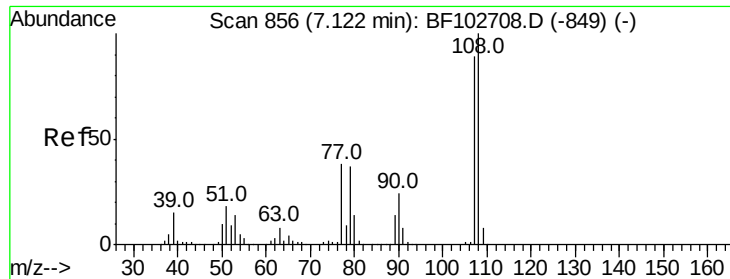
Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.9

79 11.5 0.0 29.6

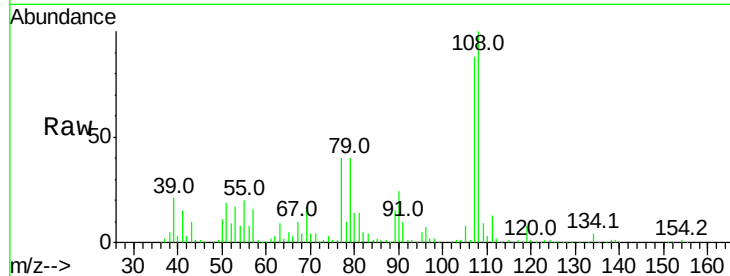




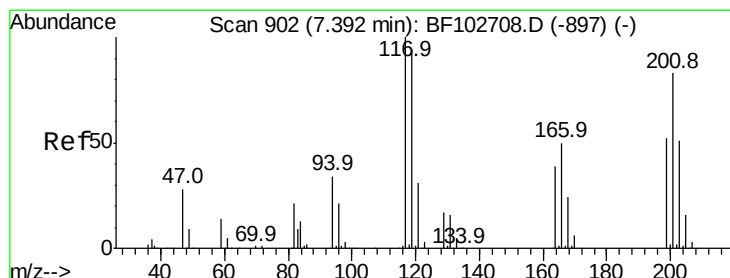
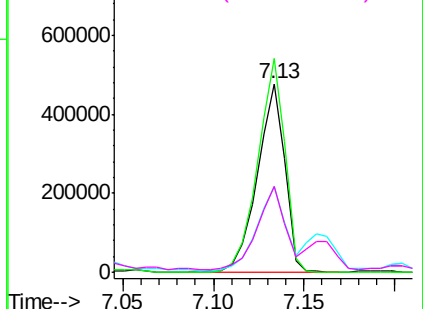
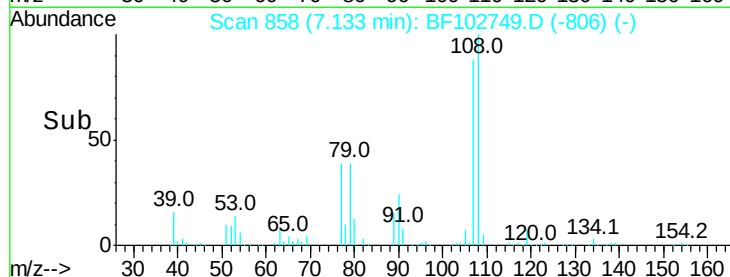
#17  
2-Methylphenol  
Concen: 40.670 ng  
RT: 7.13 min Scan# 858  
Delta R.T. 0.01 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

Instrument :  
BNA\_F  
ClientSampleId :  
8-SAN-9-WW(1-4)MS

Tot Ion:107 Resp: 496903  
Ion Ratio Lower Upper  
107 100  
108 113.5 91.7 137.5  
77 45.8 33.8 50.8  
79 45.7 33.8 50.8

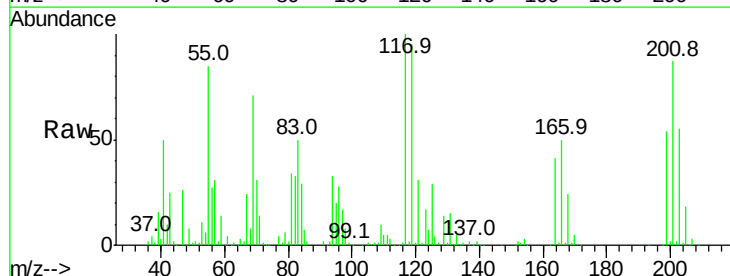


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

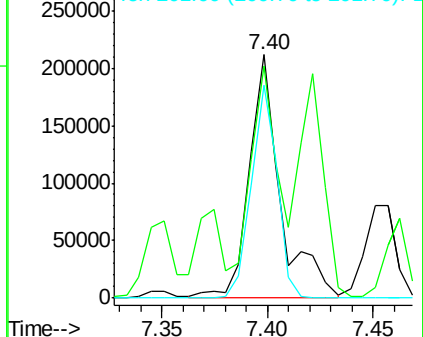
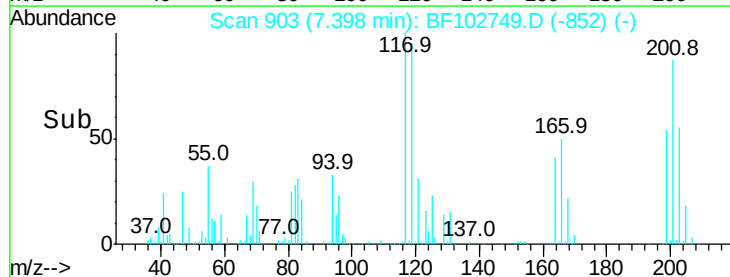


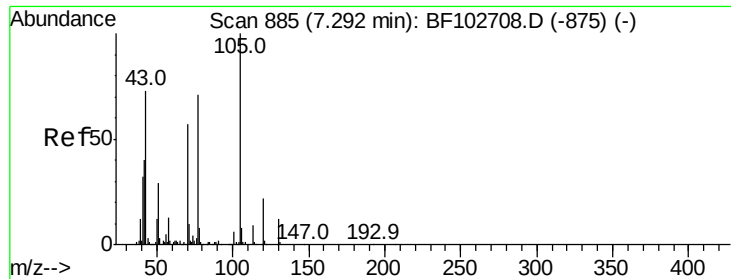
#18  
Hexachloroethane  
Concen: 41.528 ng  
RT: 7.40 min Scan# 903  
Delta R.T. -0.00 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

Tgt Ion:117 Resp: 217585  
Ion Ratio Lower Upper  
117 100  
119 95.5 75.8 113.8  
201 87.5 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

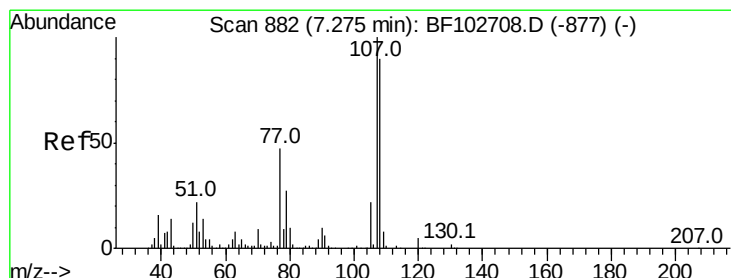
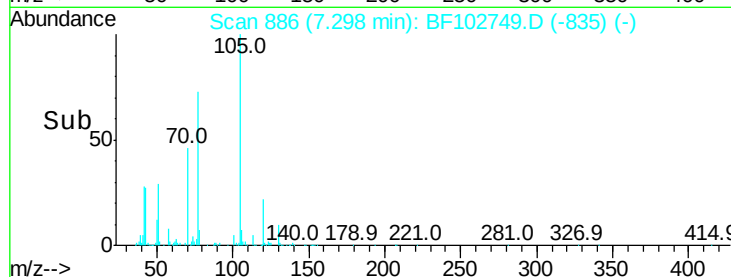
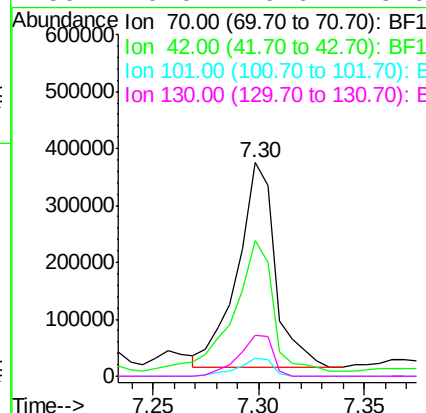
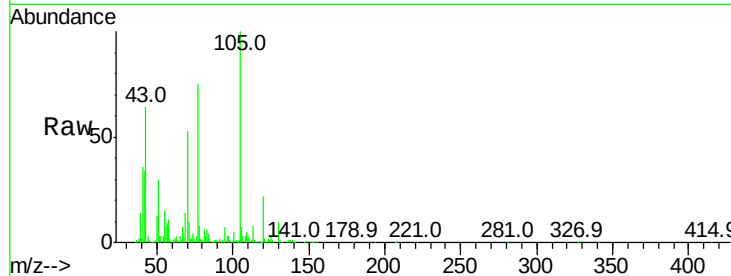




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.619 ng  
RT: 7.30 min Scan# 886  
Delta R.T. -0.00 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

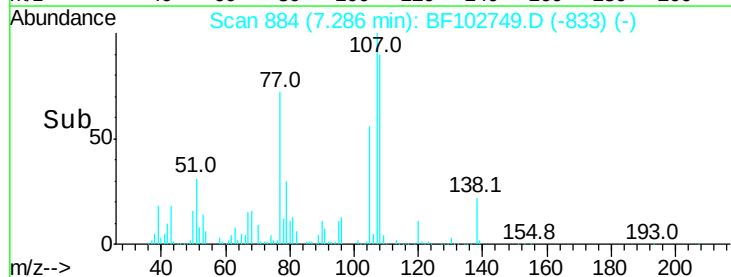
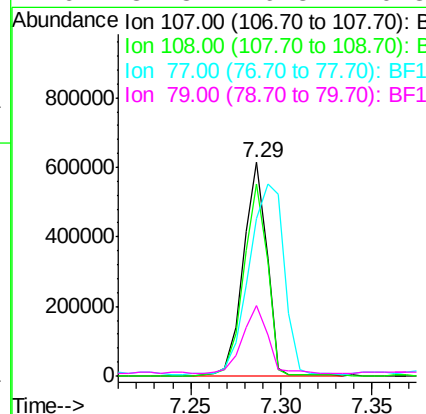
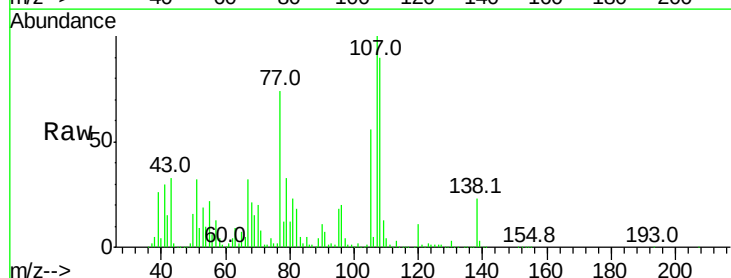
Instrument :  
BNA\_F  
ClientSampleId :  
8-SAN-9-WW(1-4)MS

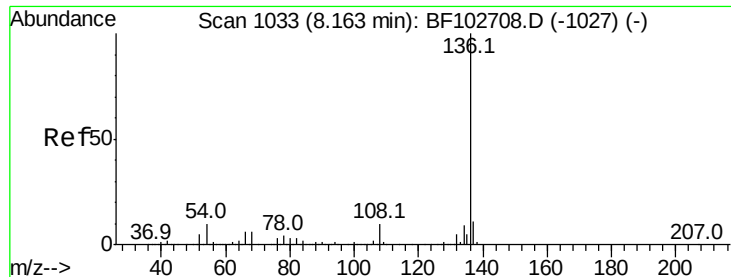
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 445522 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 63.6  | 47.5  | 71.3   |
| 101      | 8.6   | 7.4   | 11.2   |
| 130      | 19.0  | 16.6  | 25.0   |



#20  
3+4-Methylphenols  
Concen: 36.634 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.00 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 551961 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.2  | 68.2  | 108.2  |
| 77       | 73.5  | 26.7  | 66.7#  |
| 79       | 32.8  | 6.3   | 46.3   |

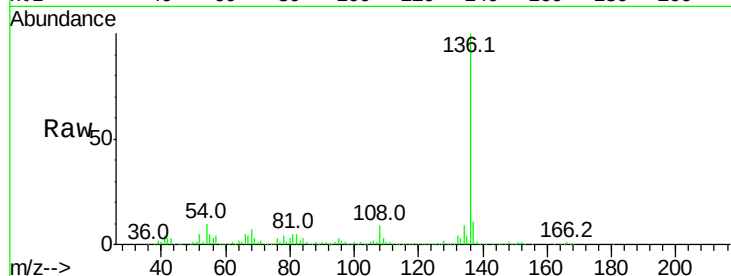




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.17 min Scan# 1034  
Delta R.T. -0.00 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

Instrument :  
BNA\_F  
ClientSampleId :  
8-SAN-9-WW(1-4)MS

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 882074 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.4    | 8.9   | 13.3   |
| 54 10.0     | 6.6   | 9.8#   |
| 68 6.8      | 5.0   | 7.4    |



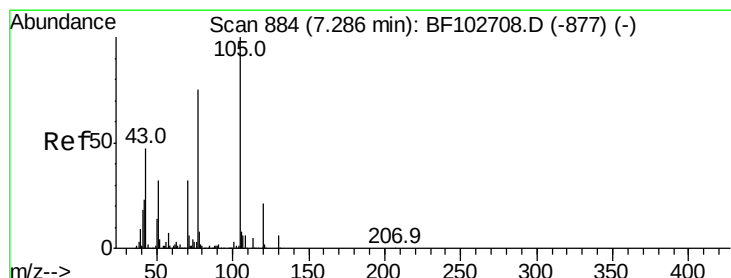
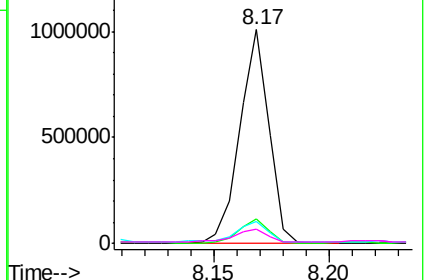
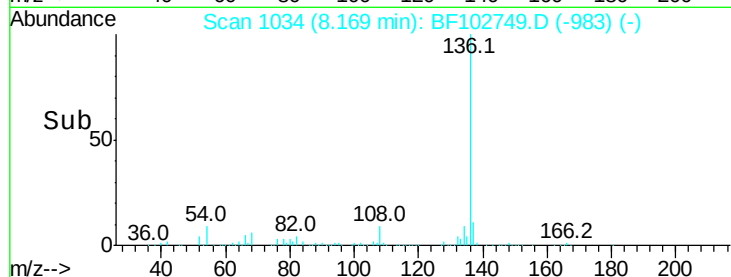
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

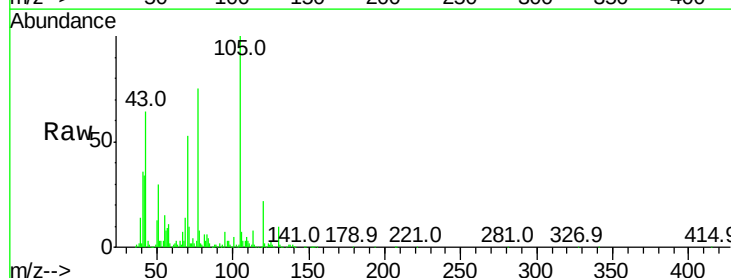
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22  
Acetophenone  
Concen: 36.410 ng  
RT: 7.30 min Scan# 886  
Delta R.T. 0.01 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 785927 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 9.7     | 4.4   | 6.6#   |
| 51  | 29.8    | 22.3  | 33.5   |
| 120 | 21.6    | 16.9  | 25.3   |



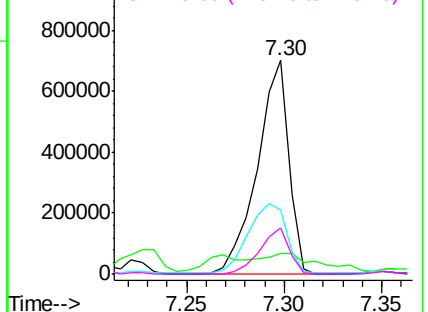
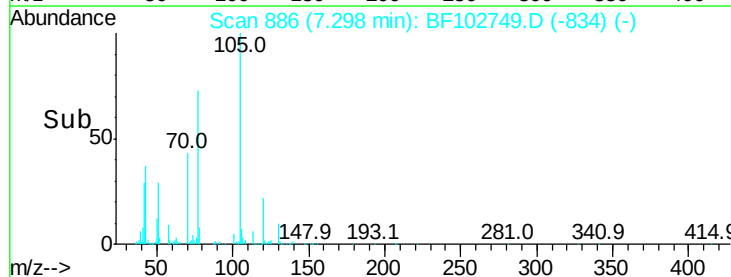
Abundance

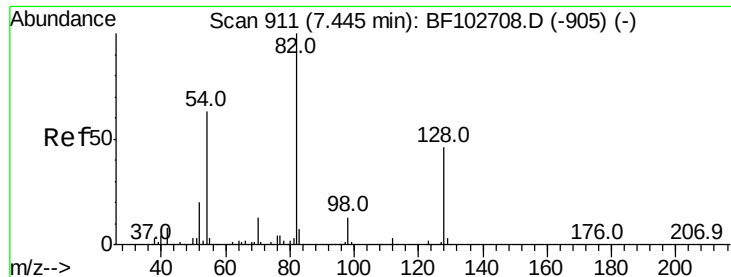
Ion 105.00 (104.70 to 105.70): E

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

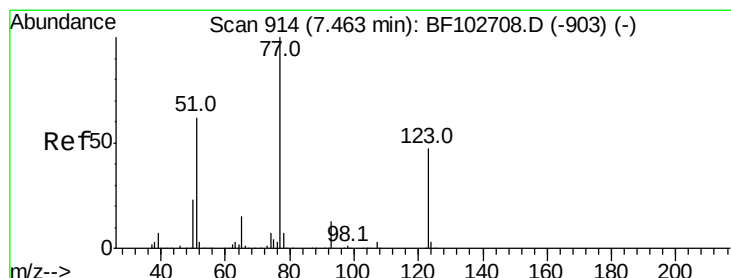
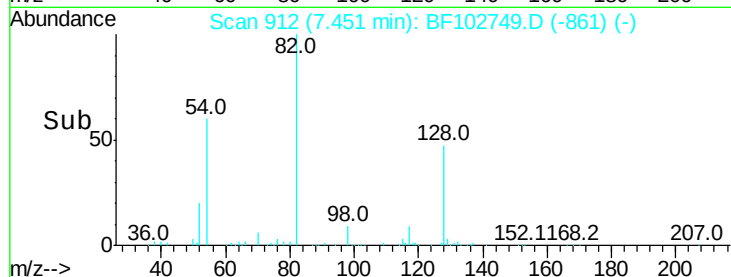
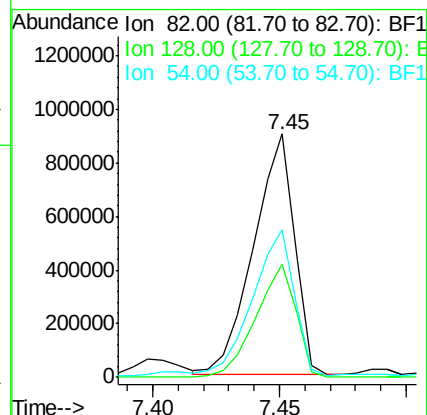
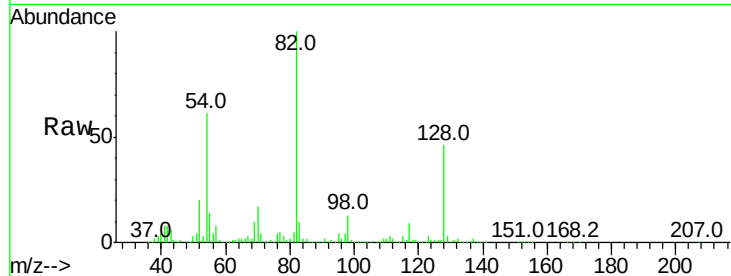




#23  
Nitrobenzene-d5  
Concen: 79.796 ng  
RT: 7.45 min Scan# 912  
Delta R.T. -0.00 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

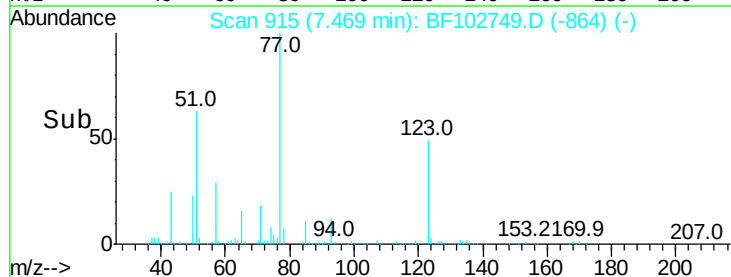
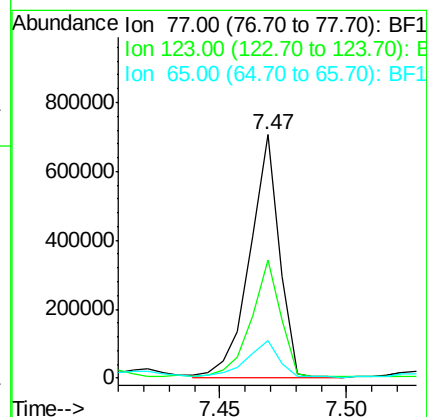
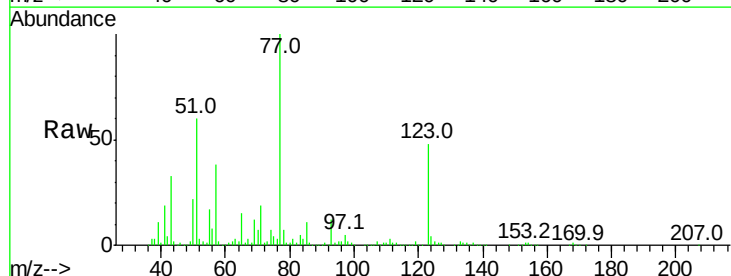
Instrument :  
BNA\_F  
ClientSampleId :  
8-SAN-9-WW(1-4)MS

Tot Ion: 82 Resp: 1014637  
Ion Ratio Lower Upper  
82 100  
128 46.2 36.1 54.1  
54 60.5 41.4 62.2

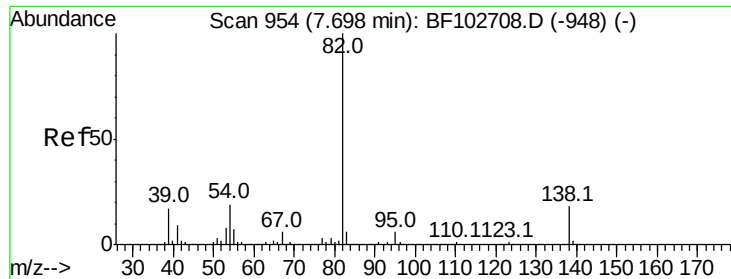


#24  
Nitrobenzene  
Concen: 37.975 ng  
RT: 7.47 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

Tgt Ion: 77 Resp: 568160  
Ion Ratio Lower Upper  
77 100  
123 48.3 37.9 56.9  
65 15.2 11.0 16.4







#25

Isophorone

Concen: 40.797 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

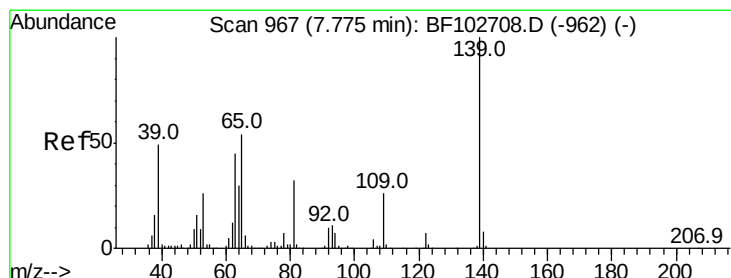
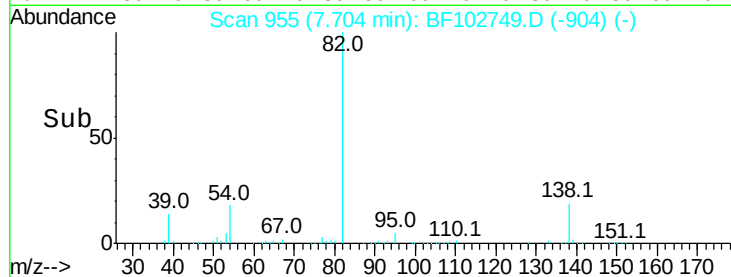
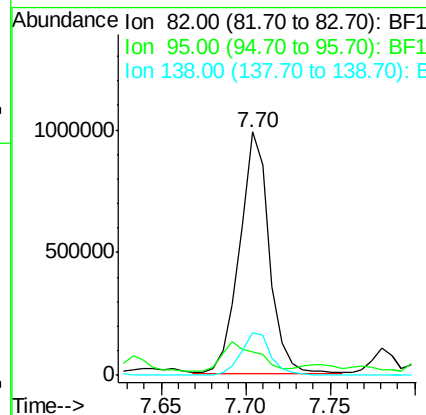
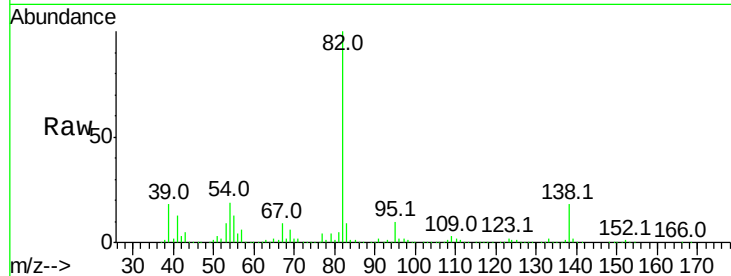
BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

Tot Ion: 82 Resp: 1194516

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 9.6   | 5.2   | 7.8#  |
| 138 | 17.7  | 14.9  | 22.3  |



#26

2-Nitrophenol

Concen: 45.131 ng

RT: 7.78 min Scan# 968

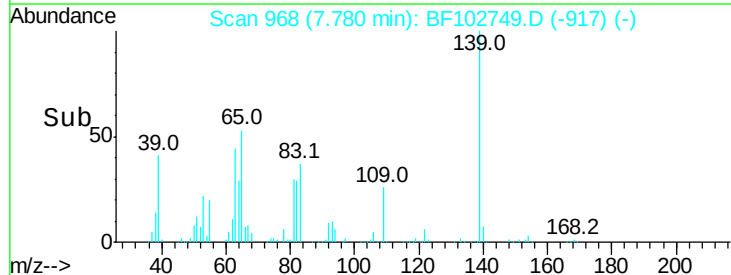
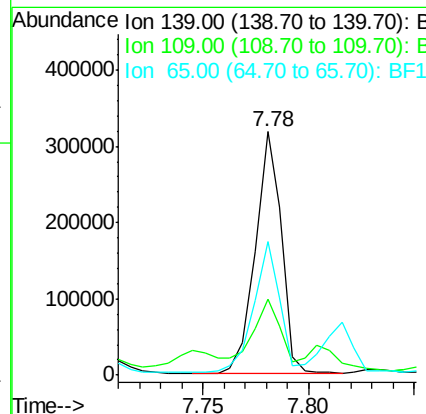
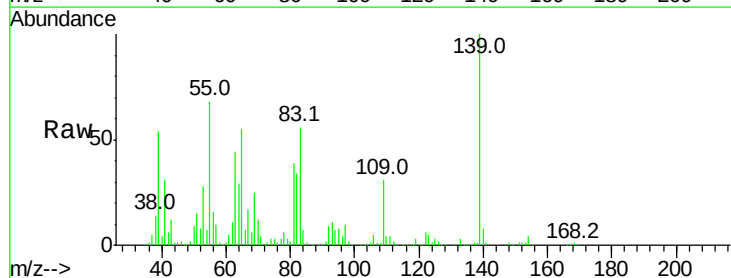
Delta R.T. -0.00 min

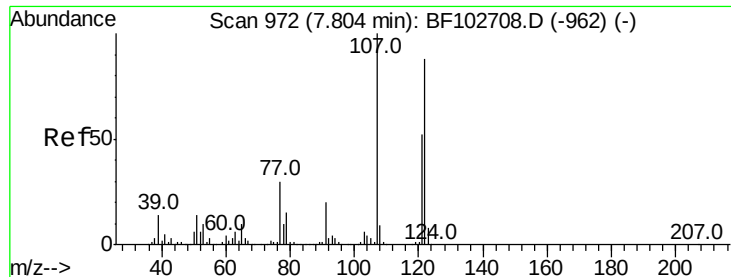
Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Tgt Ion: 139 Resp: 273433

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 31.1  | 22.7  | 34.1  |
| 65  | 54.7  | 40.5  | 60.7  |





#27

2,4-Dimethylphenol

Concen: 43.557 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

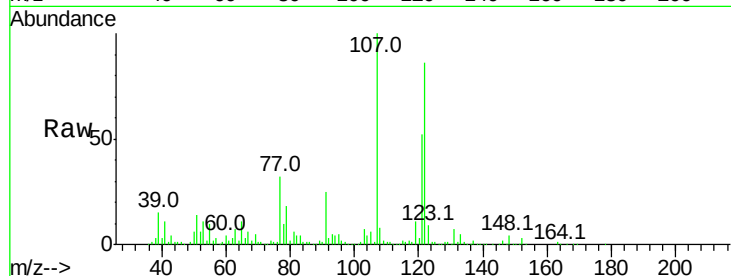
Tot Ion:122 Resp: 538797

Ion Ratio Lower Upper

122 100

107 116.9 91.2 136.8

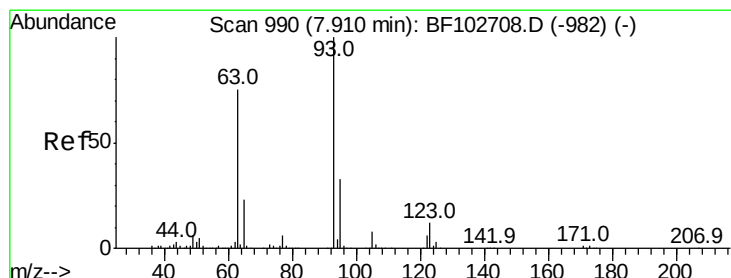
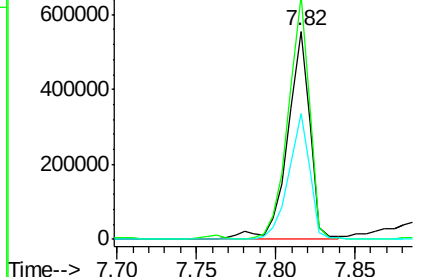
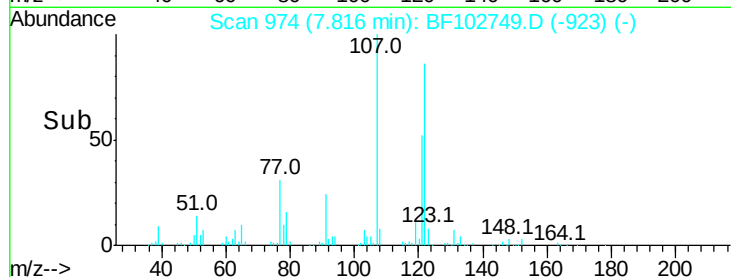
121 60.3 47.2 70.8



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: 39.831 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

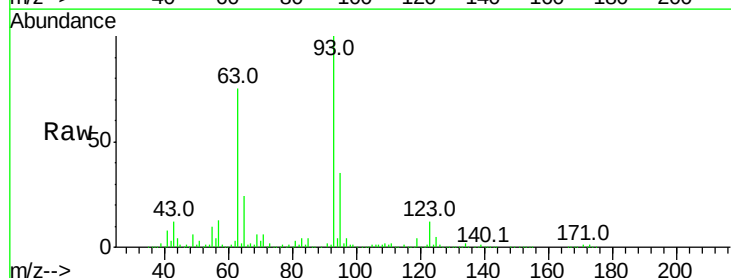
Tgt Ion: 93 Resp: 690862

Ion Ratio Lower Upper

93 100

95 34.6 26.3 39.5

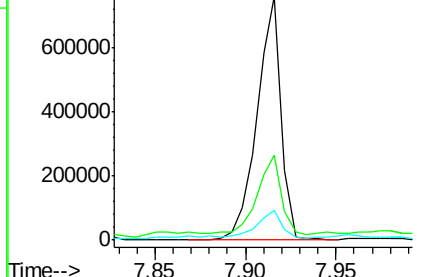
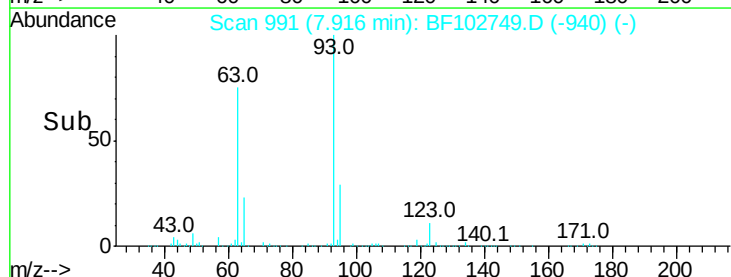
123 12.2 9.8 14.6

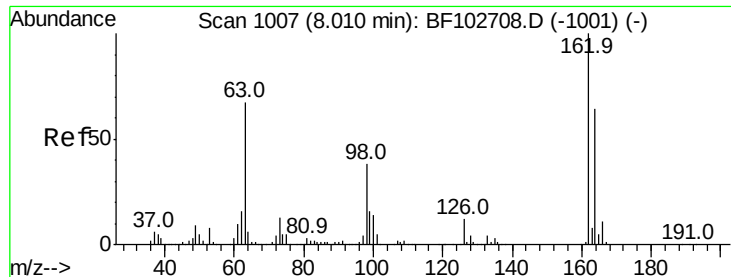


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

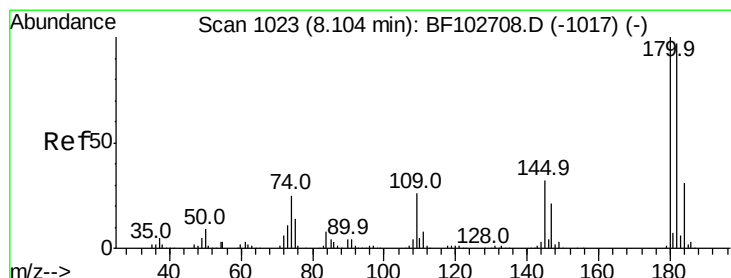
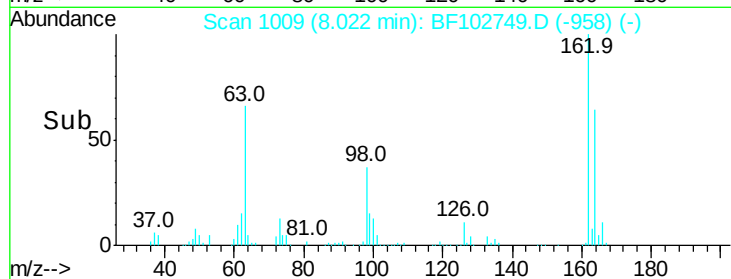
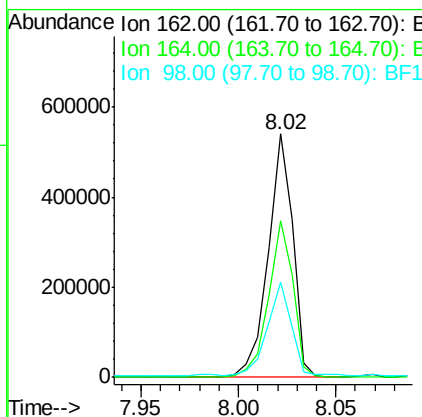
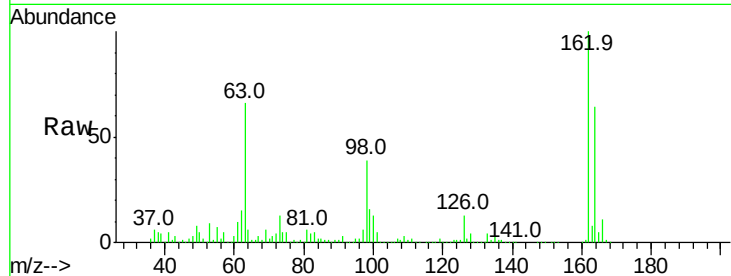




#29  
 2,4-Dichlorophenol  
 Concen: 42.287 ng  
 RT: 8.02 min Scan# 1009  
 Delta R.T. -0.00 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

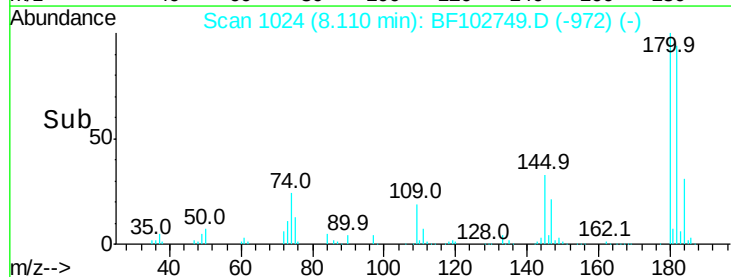
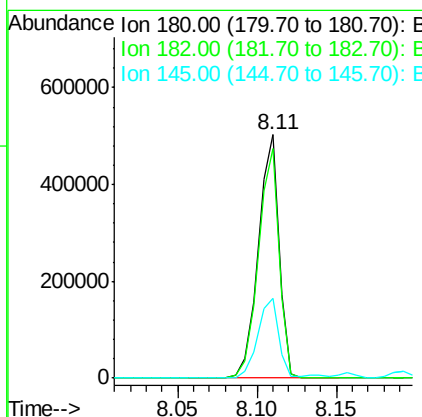
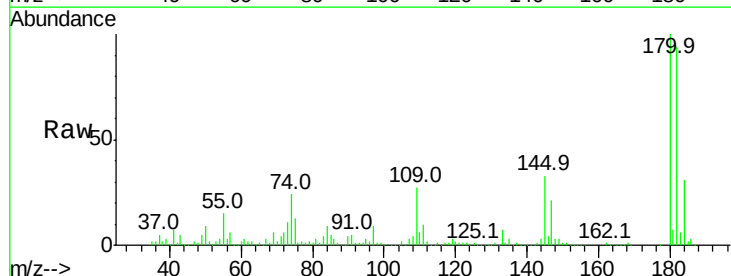
Instrument :  
 BNA\_F  
 ClientSampleId :  
 8-SAN-9-WW(1-4)MS

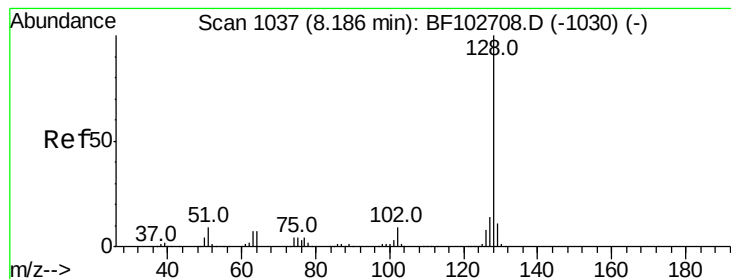
Tot Ion:162 Resp: 475512  
 Ion Ratio Lower Upper  
 162 100  
 164 64.1 42.7 82.7  
 98 39.0 18.1 58.1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.066 ng  
 RT: 8.11 min Scan# 1024  
 Delta R.T. 0.01 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

Tgt Ion:180 Resp: 458802  
 Ion Ratio Lower Upper  
 180 100  
 182 94.4 76.8 115.2  
 145 32.8 26.5 39.7





#31

Naphthalene

Concen: 38.528 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

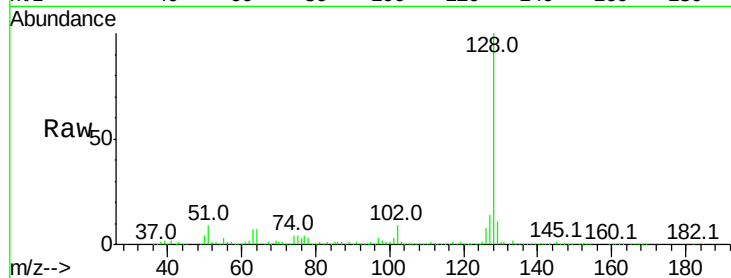
Tot Ion:128 Resp: 1660426

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

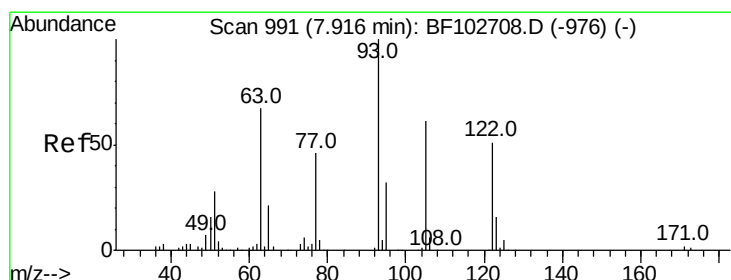
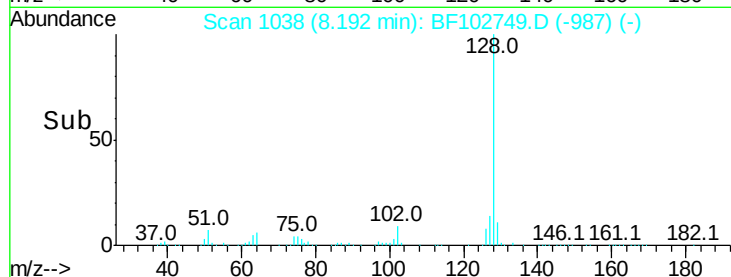
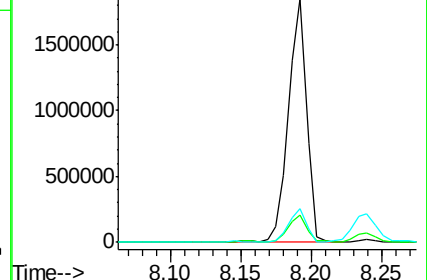
127 13.8 10.9 16.3



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: 20.637 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.04 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

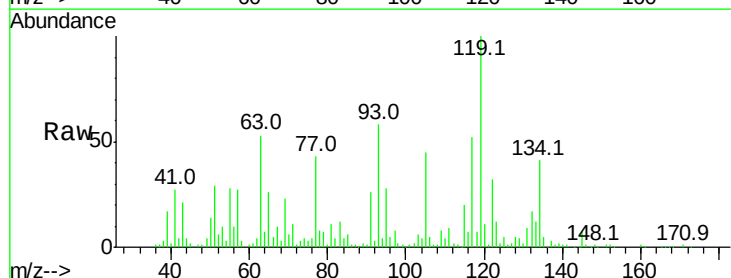
Tgt Ion:122 Resp: 114993

Ion Ratio Lower Upper

122 100

105 139.2 101.1 141.1

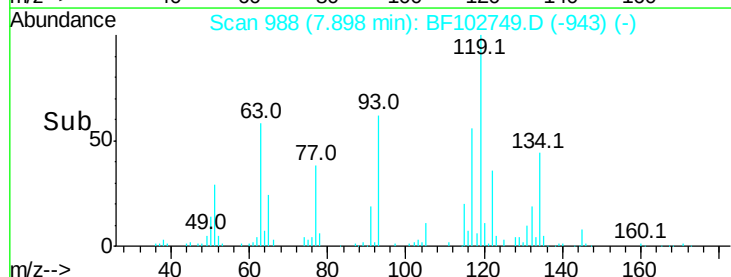
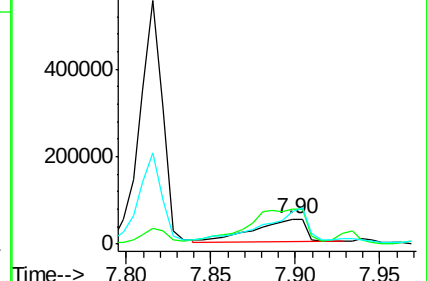
77 133.2 70.7 110.7#

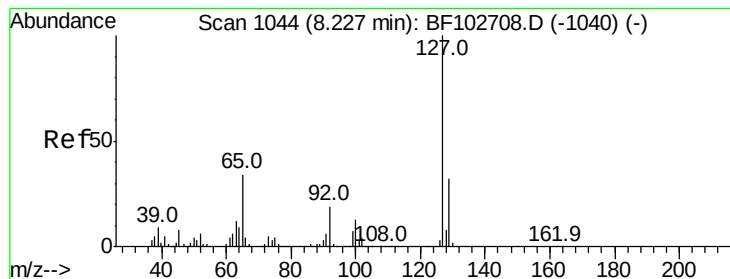


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 14.290 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

Tot Ion:127 Resp: 265294

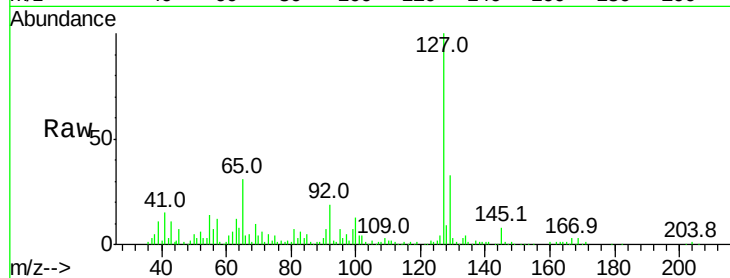
Ion Ratio Lower Upper

127 100

129 33.1 25.9 38.9

65 31.3 25.0 37.4

92 19.1 15.2 22.8

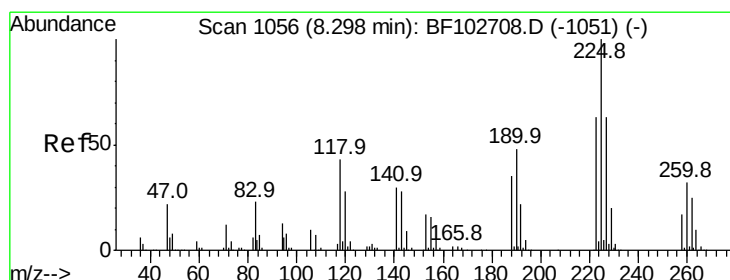
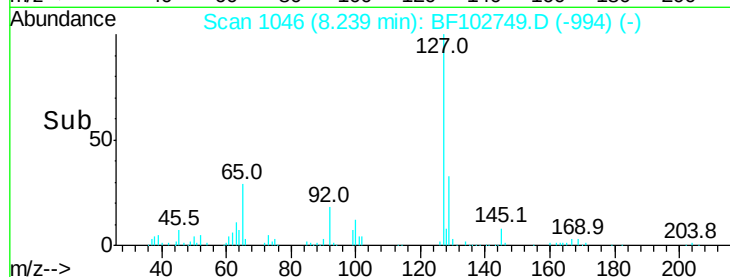
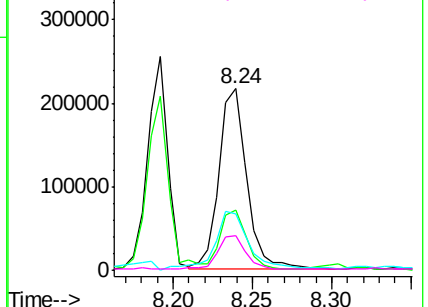


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 36.220 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

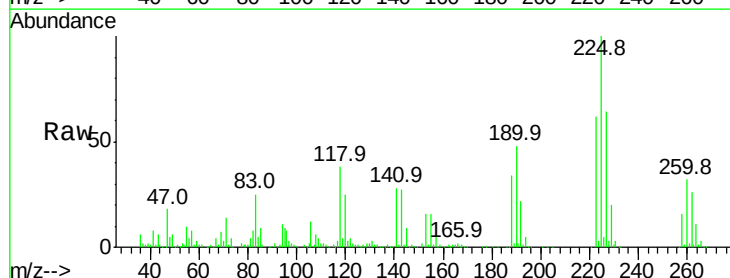
Tgt Ion:225 Resp: 236106

Ion Ratio Lower Upper

225 100

223 61.9 50.6 76.0

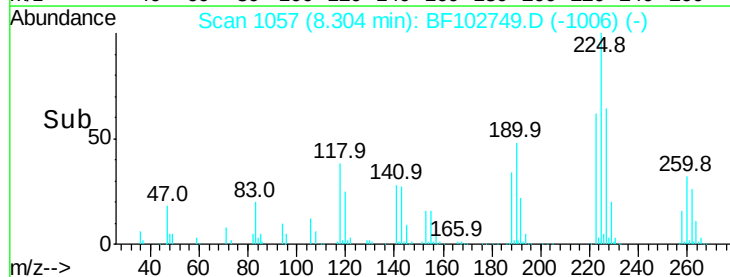
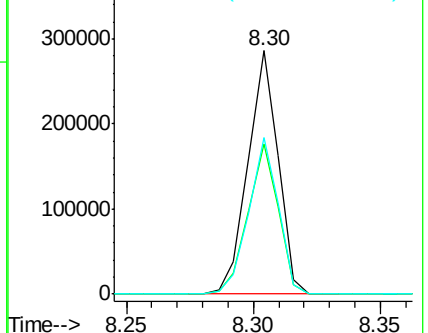
227 64.4 51.9 77.9

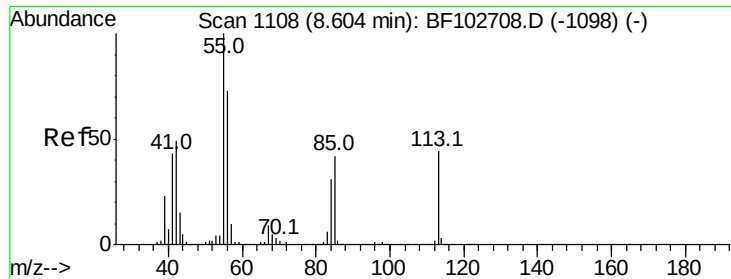


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

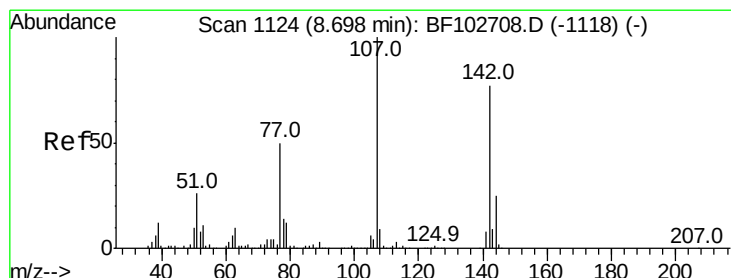
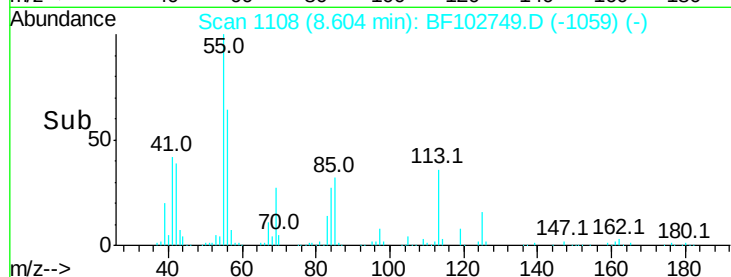
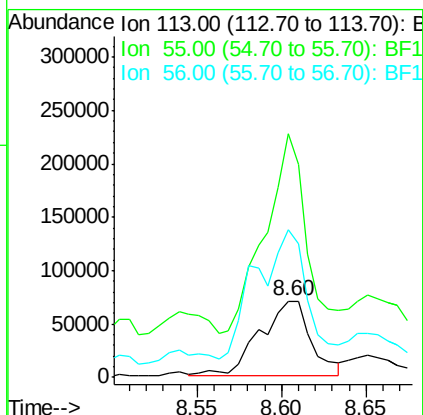
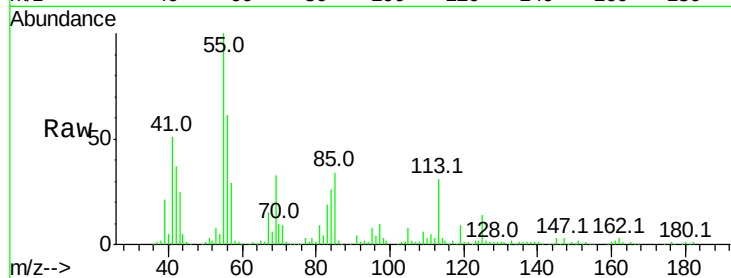




#35  
 Caprolactam  
 Concen: 37.986 ng  
 RT: 8.60 min Scan# 1108  
 Delta R.T. -0.01 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

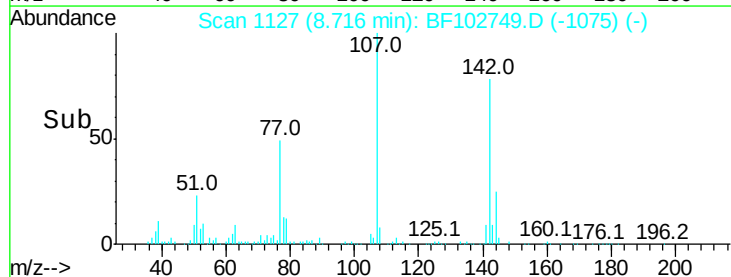
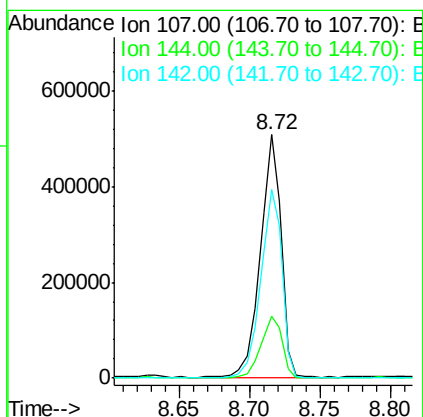
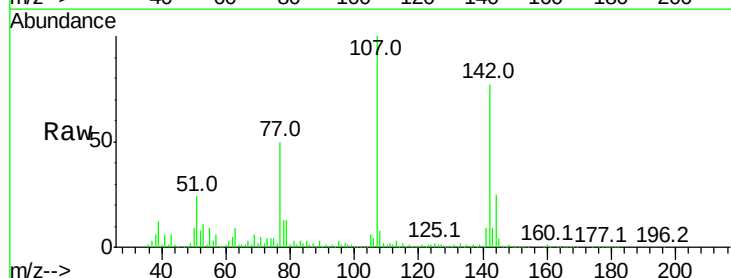
Instrument :  
 BNA\_F  
 ClientSampleId :  
 8-SAN-9-WW(1-4)MS

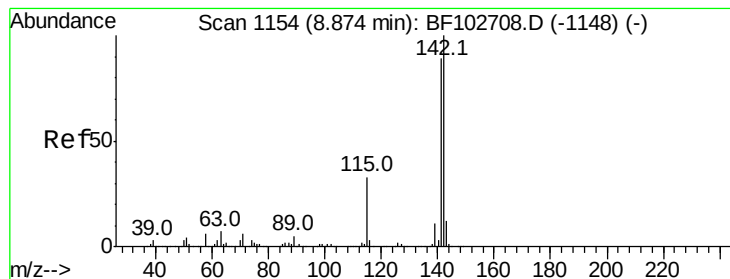
Tot Ion:113 Resp: 148346  
 Ion Ratio Lower Upper  
 113 100  
 55 319.3 163.3 203.3#  
 56 193.4 115.7 155.7#



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.652 ng  
 RT: 8.72 min Scan# 1127  
 Delta R.T. 0.01 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

Tgt Ion:107 Resp: 526263  
 Ion Ratio Lower Upper  
 107 100  
 144 25.4 20.5 30.7  
 142 77.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 39.672 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

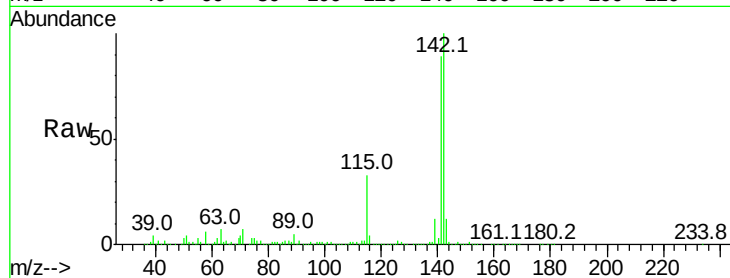
Tot Ion:142 Resp: 1119359

Ion Ratio Lower Upper

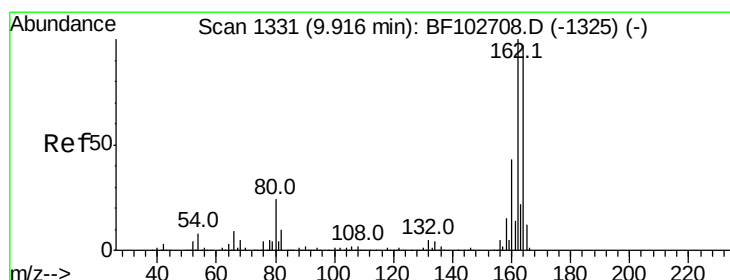
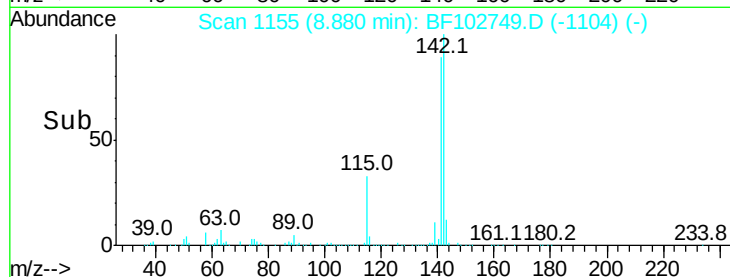
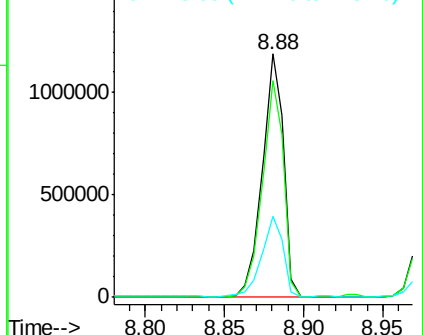
142 100

141 89.1 70.8 106.2

115 33.3 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

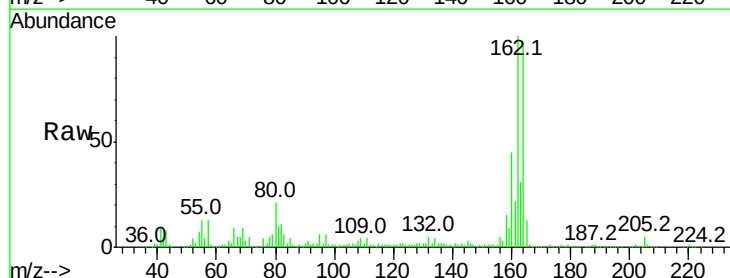
Tgt Ion:164 Resp: 366641

Ion Ratio Lower Upper

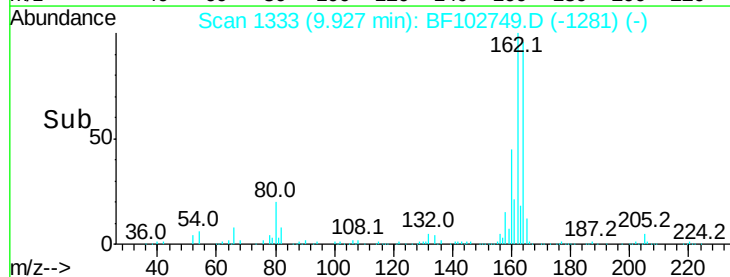
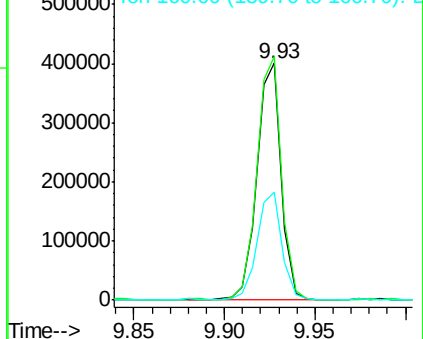
164 100

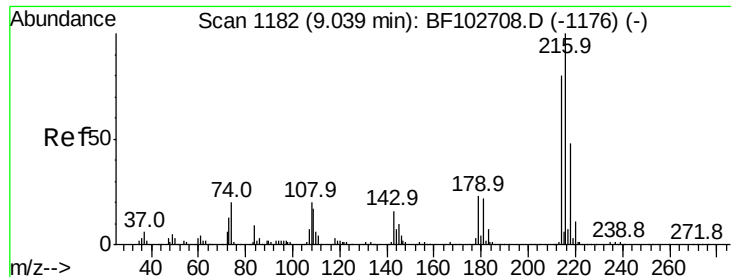
162 102.9 86.1 129.1

160 45.8 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.288 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

Tot Ion:216 Resp: 402198

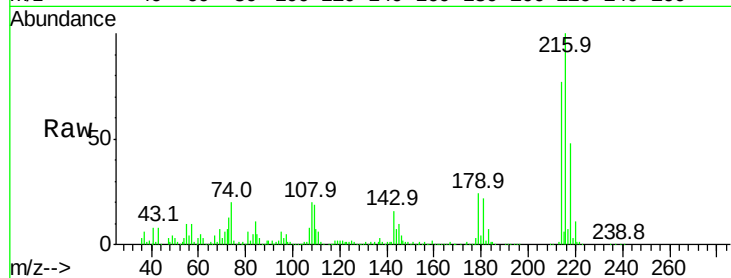
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

179 23.2 18.1 27.1

108 20.3 17.2 25.8

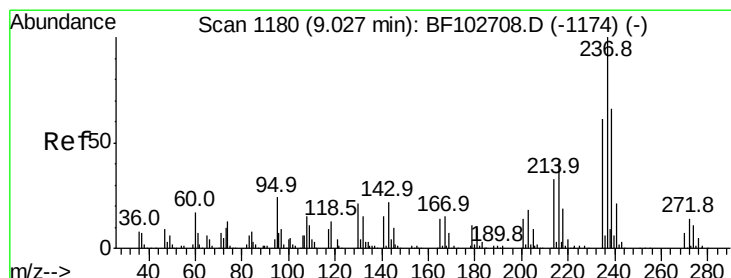
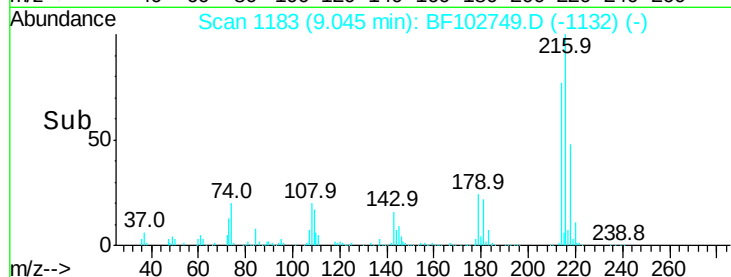
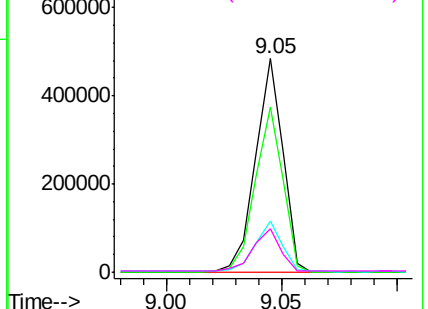


Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.917 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

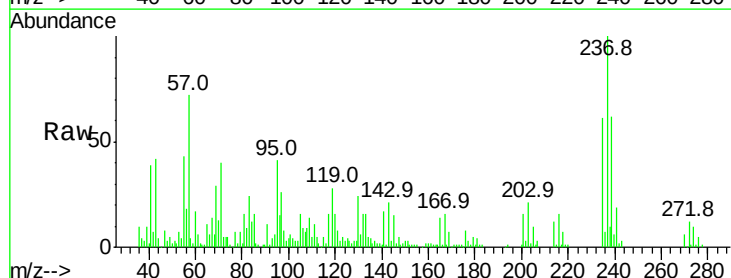
Tgt Ion:237 Resp: 85031

Ion Ratio Lower Upper

237 100

235 60.5 44.8 84.8

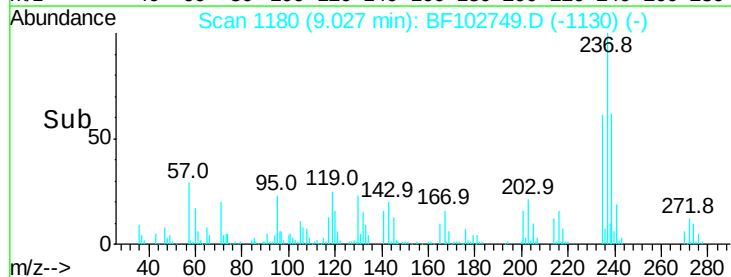
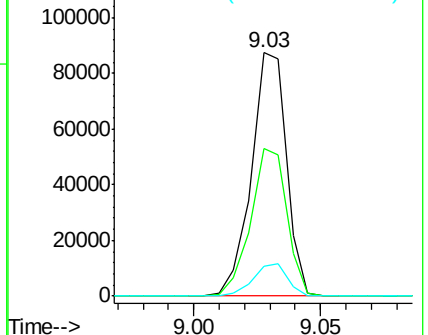
272 12.4 0.0 33.3



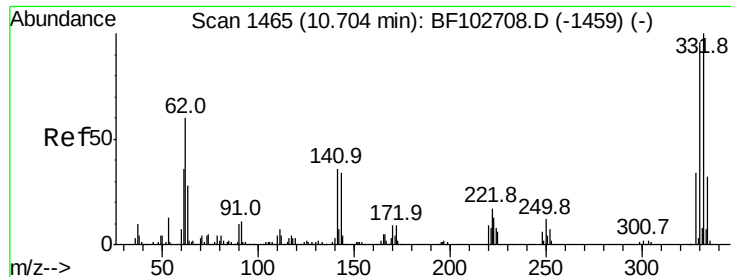
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



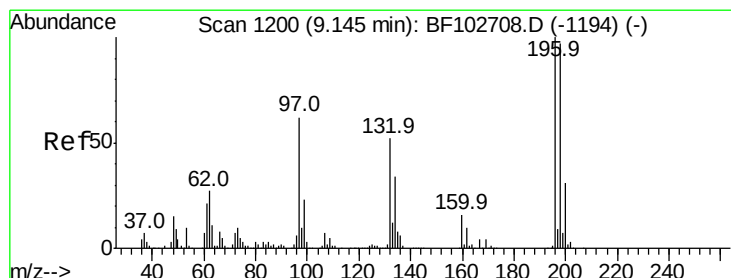
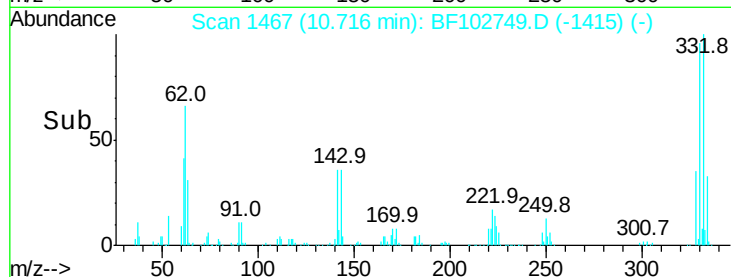
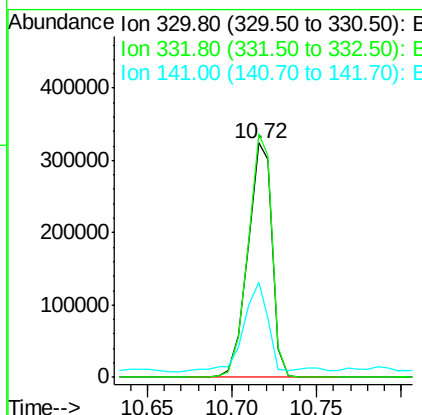
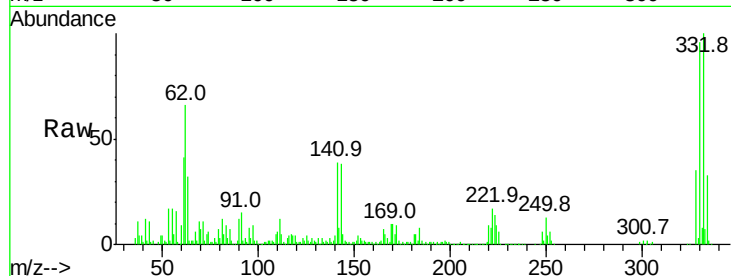




#41  
 2,4,6-Tribromophenol  
 Concen: 110.321 ng  
 RT: 10.72 min Scan# 1467  
 Delta R.T. 0.01 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

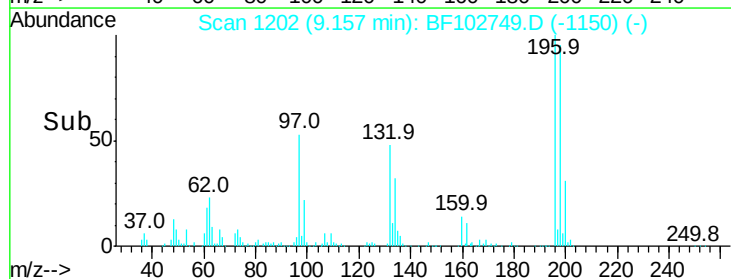
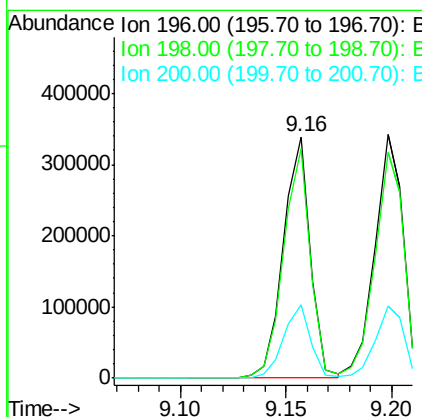
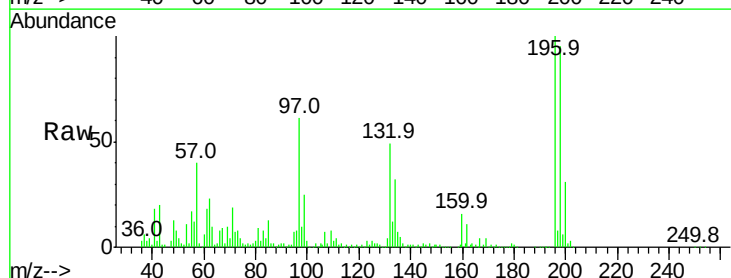
Instrument :  
 BNA\_F  
 ClientSampleId :  
 8-SAN-9-WW(1-4)MS

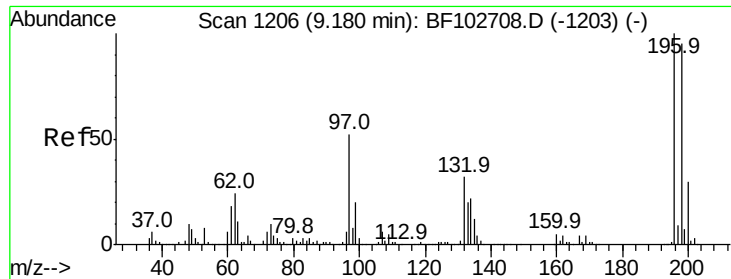
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 102.5 | 77.0  | 115.6 |
| 141     | 37.9  | 29.9  | 44.9  |



#42  
 2,4,6-Trichlorophenol  
 Concen: 46.072 ng  
 RT: 9.16 min Scan# 1202  
 Delta R.T. 0.01 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.4  | 75.7  | 113.5 |
| 200     | 30.5  | 24.5  | 36.7  |

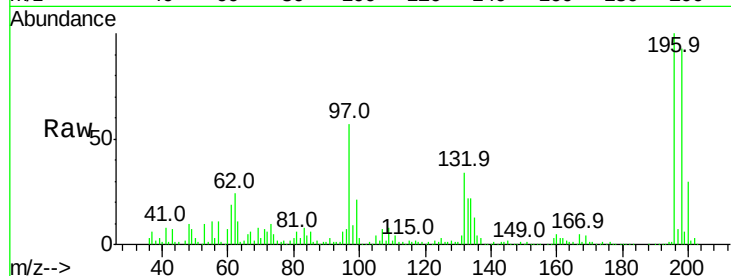




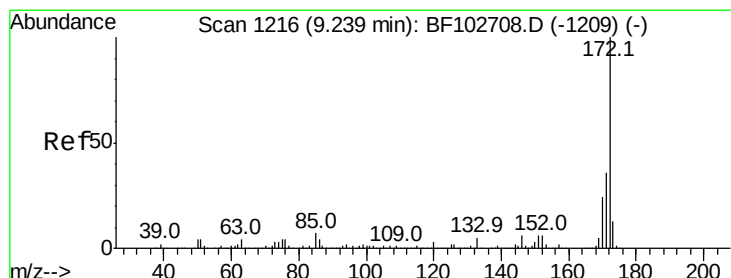
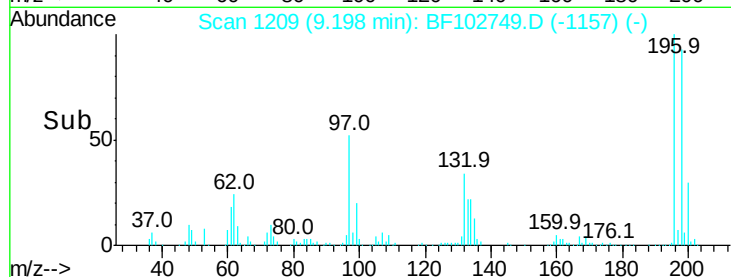
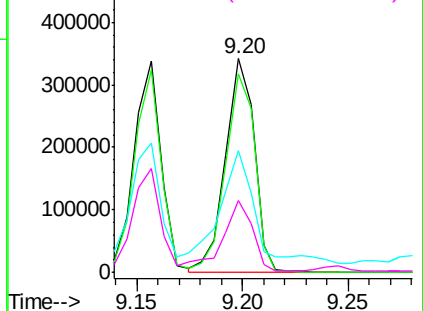
#43  
 2,4,5-Trichlorophenol  
 Concen: 43.526 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. 0.01 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 8-SAN-9-WW(1-4)MS

|             |              |
|-------------|--------------|
| Tot Ion:196 | Resp: 321677 |
| Ion Ratio   | Lower Upper  |
| 196 100     |              |
| 198 92.6    | 74.6 112.0   |
| 97 57.0     | 42.9 64.3    |
| 132 33.7    | 26.3 39.5    |

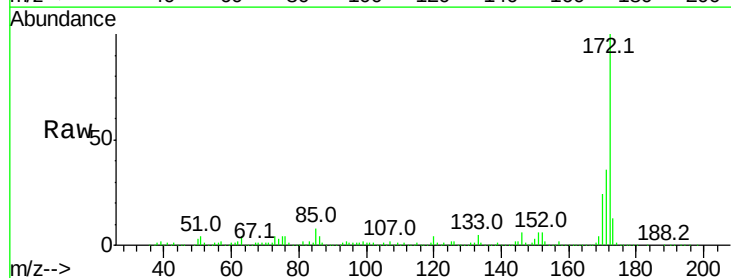


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

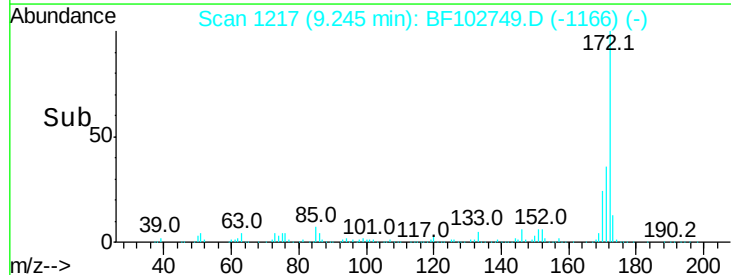
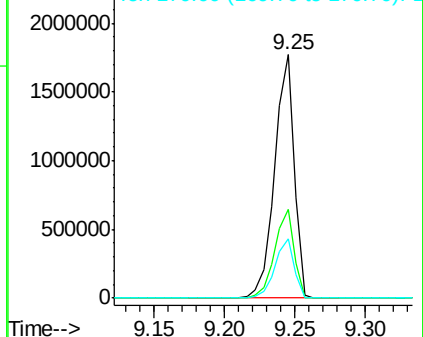


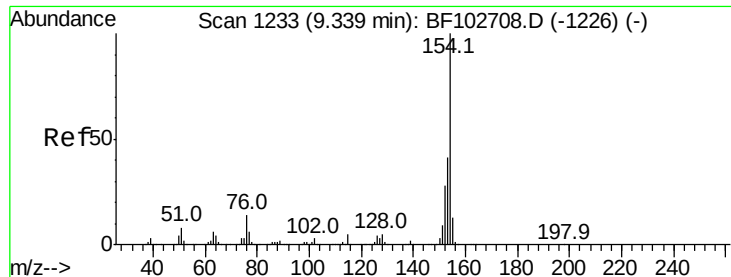
#44  
 2-Fluorobiphenyl  
 Concen: 77.853 ng  
 RT: 9.25 min Scan# 1217  
 Delta R.T. -0.00 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

|         |       |             |               |
|---------|-------|-------------|---------------|
| Tgt Ion | 172   | Resp: Lower | 1720199 Upper |
|         | Ratio |             |               |
| 172     | 100   |             |               |
| 171     | 36.4  | 29.7        | 44.5          |
| 170     | 24.2  | 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: 37.883 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

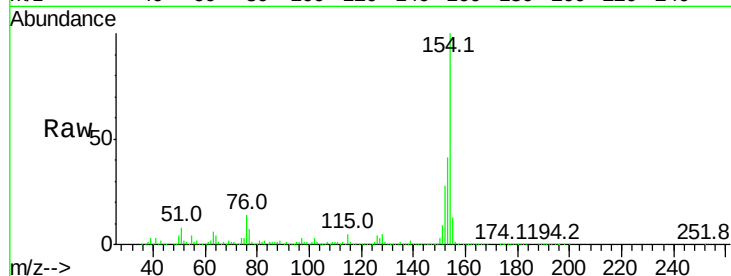
Tot Ion:154 Resp: 1169868

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

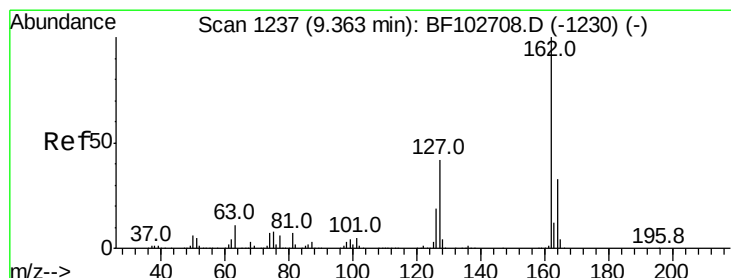
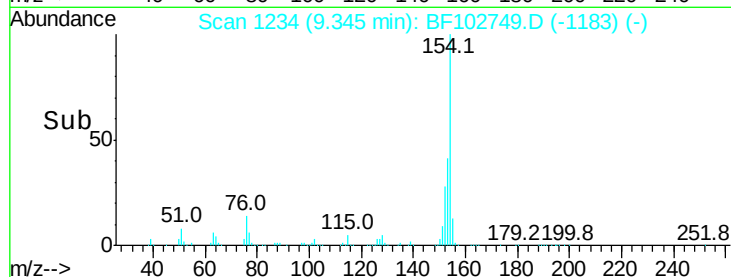
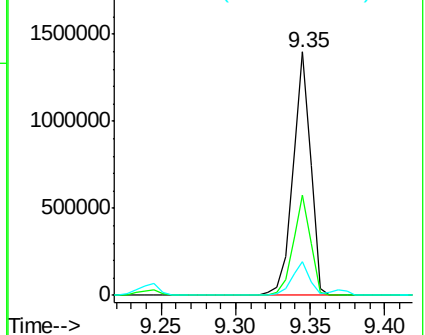
76 13.8 0.0 34.0



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: 37.998 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

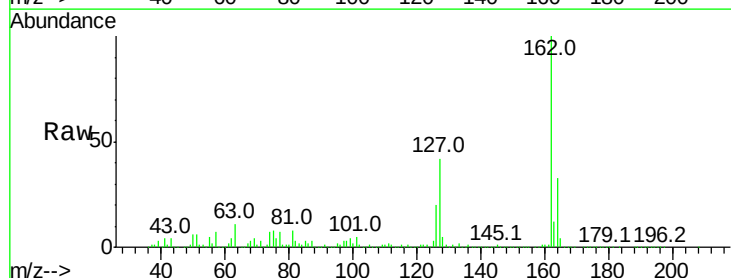
Tgt Ion:162 Resp: 923795

Ion Ratio Lower Upper

162 100

127 41.7 33.9 50.9

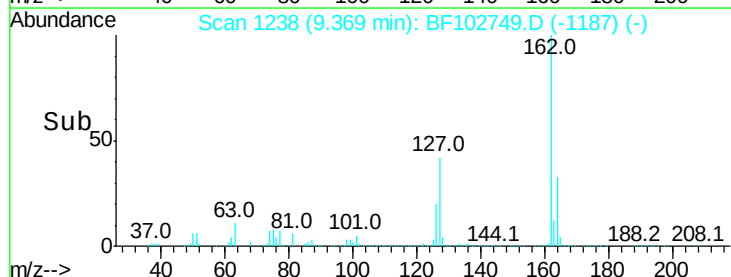
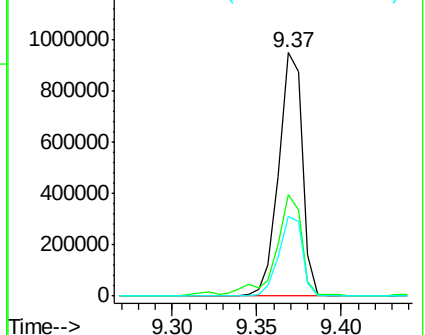
164 32.7 26.5 39.7

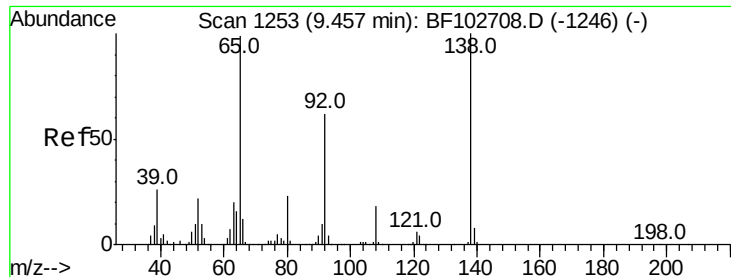


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

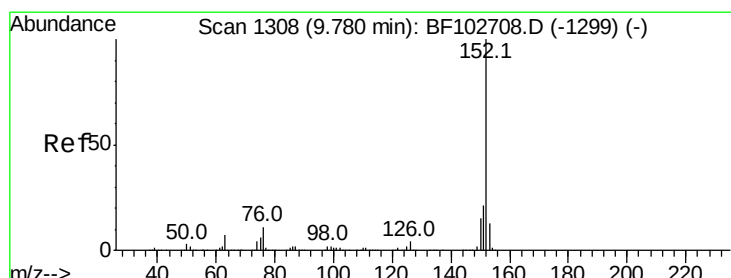
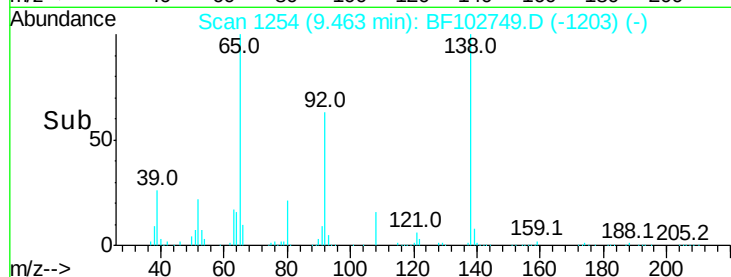
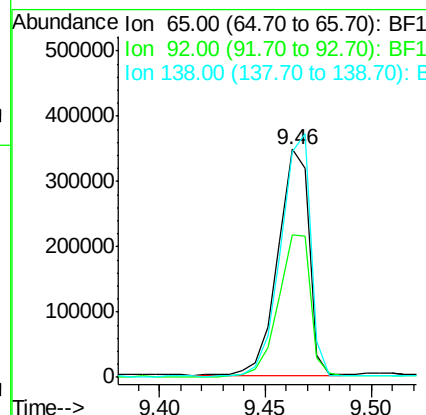
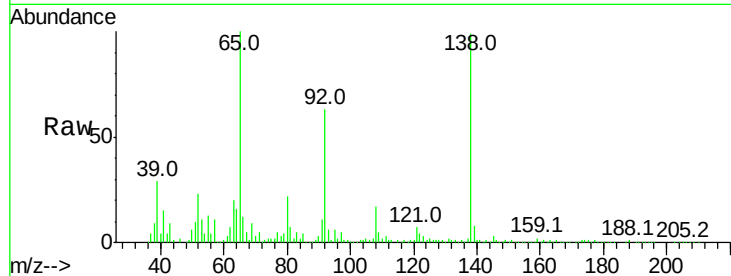




#47  
2-Nitroaniline  
Concen: 47.125 ng  
RT: 9.46 min Scan# 1254  
Delta R.T. -0.00 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

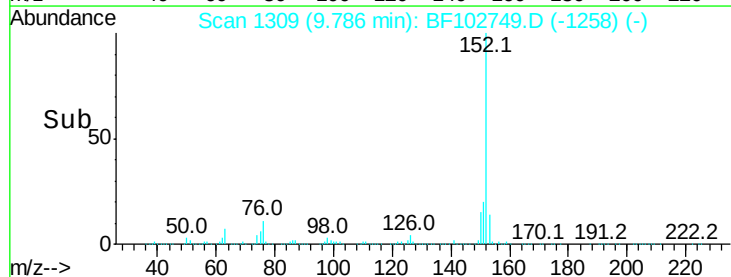
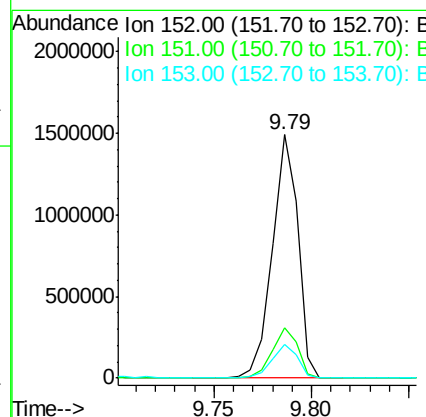
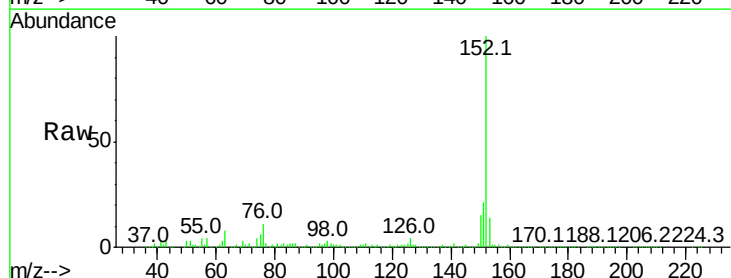
Instrument :  
BNA\_F  
ClientSampleId :  
8-SAN-9-WW(1-4)MS

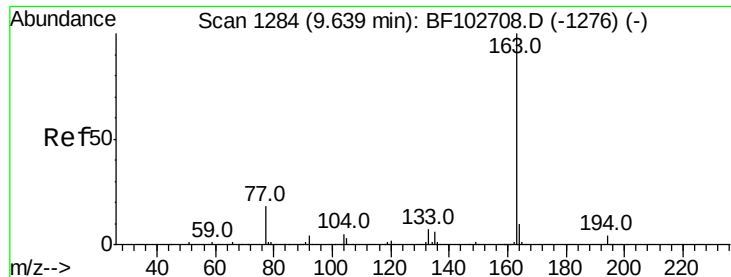
Tot Ion: 65 Resp: 353023  
Ion Ratio Lower Upper  
65 100  
92 62.6 55.8 83.6  
138 99.0 91.2 136.8



#48  
Acenaphthylene  
Concen: 35.790 ng  
RT: 9.79 min Scan# 1309  
Delta R.T. -0.00 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

Tgt Ion: 152 Resp: 1351437  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.3 24.5  
153 13.6 10.7 16.1





#49

Dimethylphthalate

Concen: 40.984 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

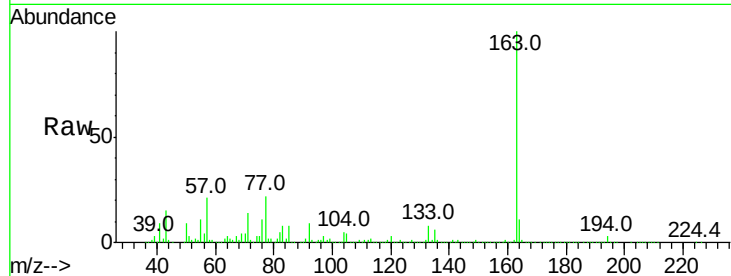
Tot Ion:163 Resp: 1171642

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

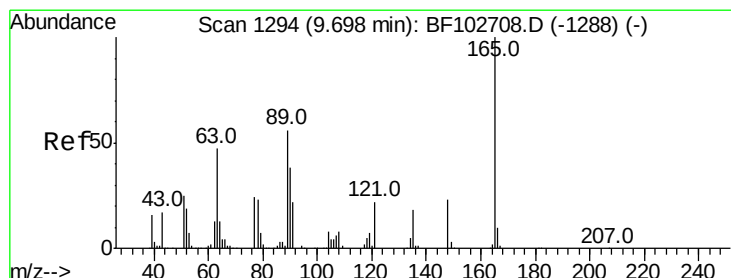
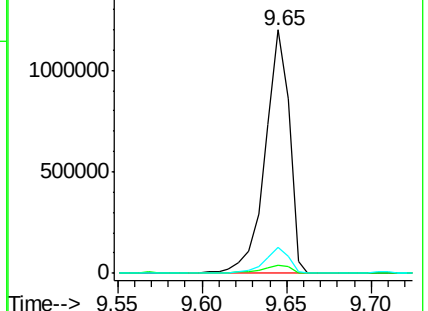
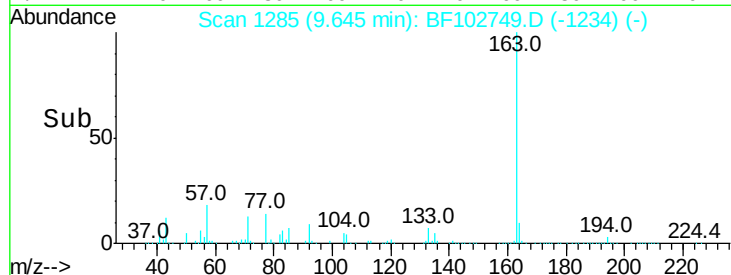
164 10.7 8.2 12.2



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: 43.096 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

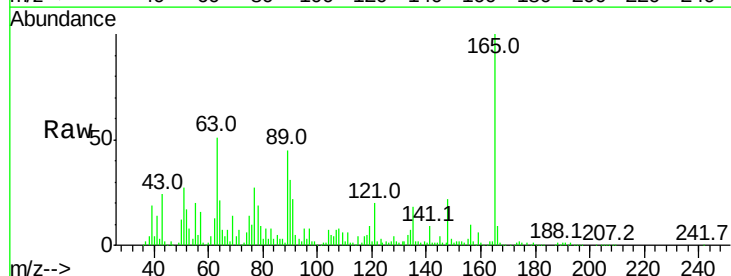
Tgt Ion:165 Resp: 234393

Ion Ratio Lower Upper

165 100

63 50.7 44.7 67.1

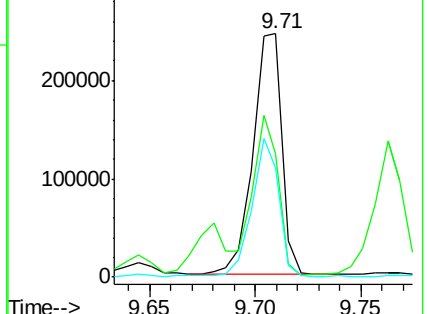
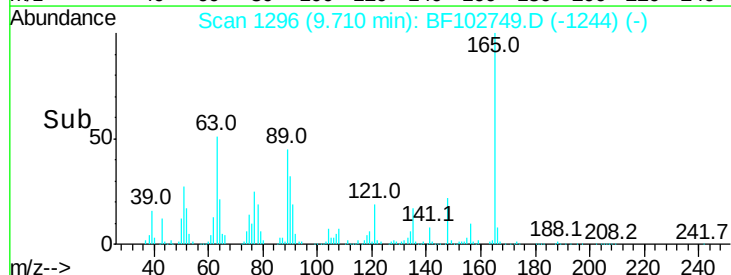
89 45.1 44.0 66.0

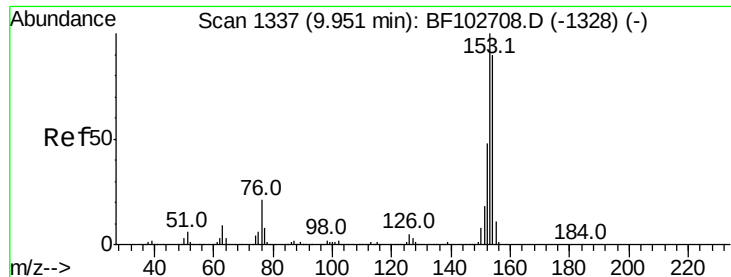


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.918 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

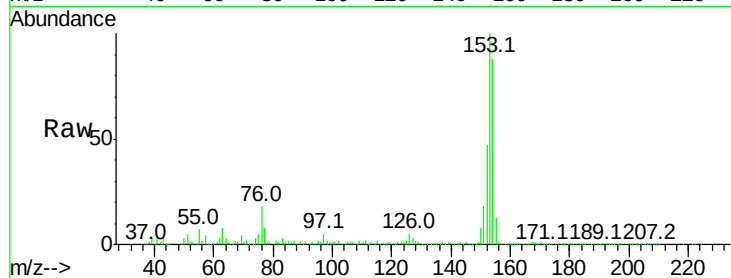
Tot Ion:154 Resp: 833681

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

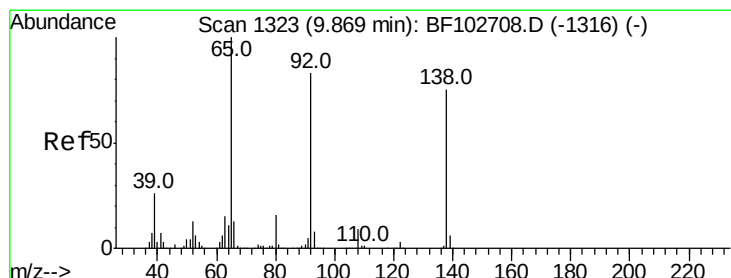
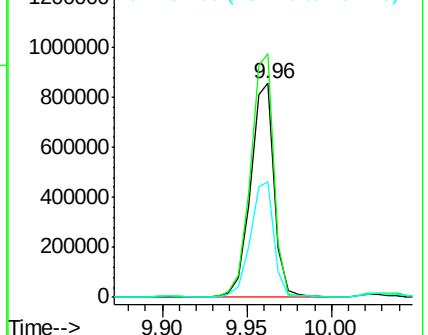
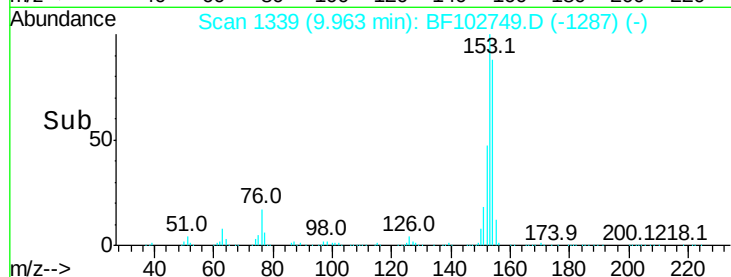
152 54.0 43.8 65.8



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: 31.744 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

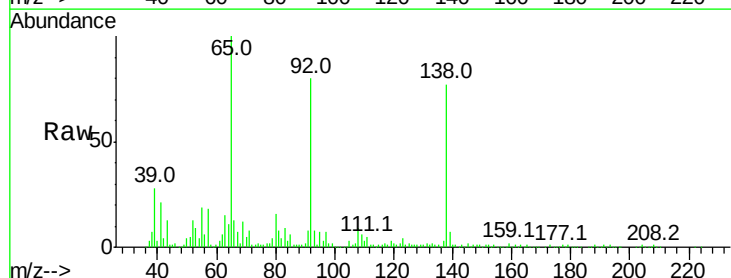
Tgt Ion:138 Resp: 212440

Ion Ratio Lower Upper

138 100

108 12.0 9.4 14.0

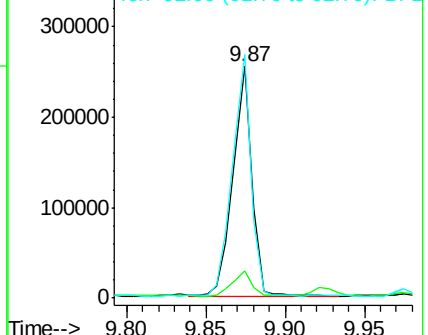
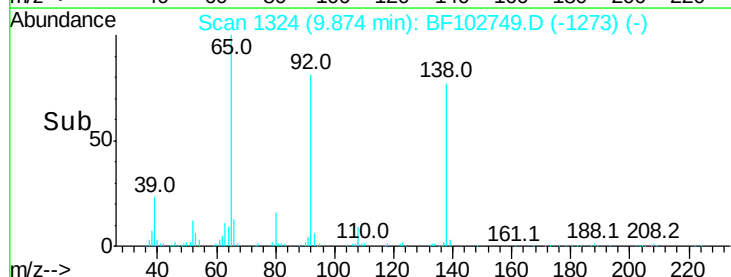
92 105.0 89.4 134.2

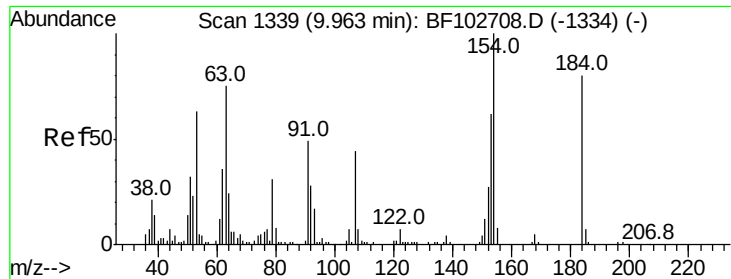


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

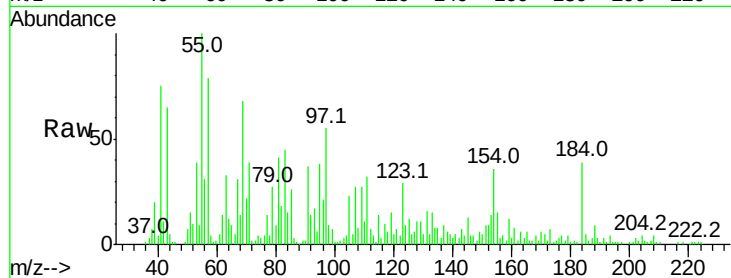




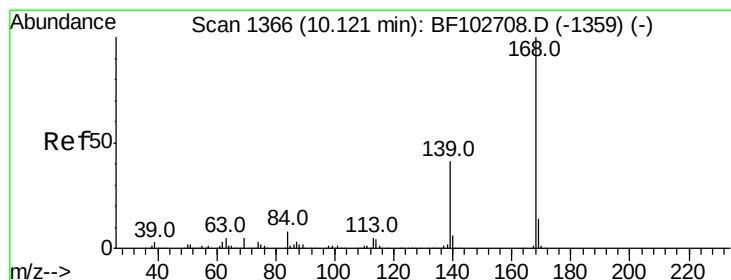
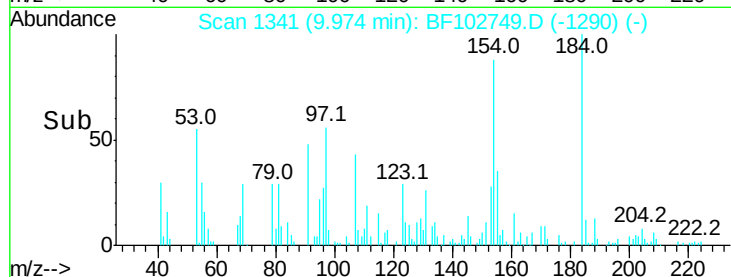
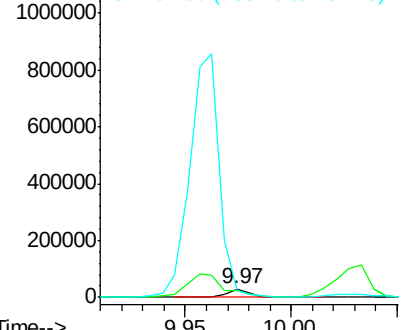
#53  
2,4-Dinitrophenol  
Concen: 25.800 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. -0.00 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

Instrument :  
BNA\_F  
ClientSampleId :  
8-SAN-9-WW(1-4)MS

Tot Ion:184 Resp: 21480  
Ion Ratio Lower Upper  
184 100  
63 84.1 54.2 81.2#  
154 91.5 184.0 276.0#

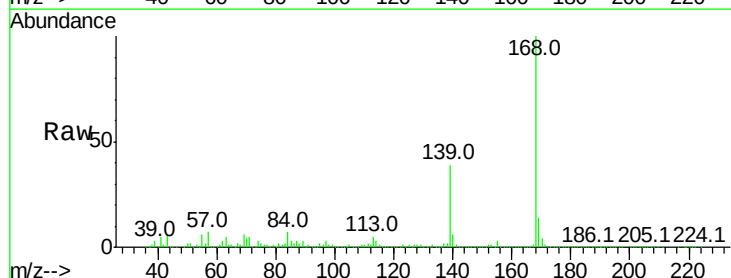


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E

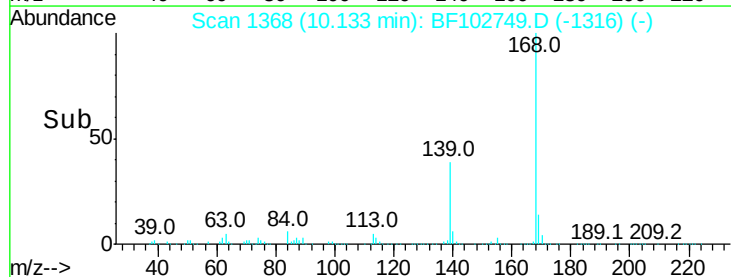
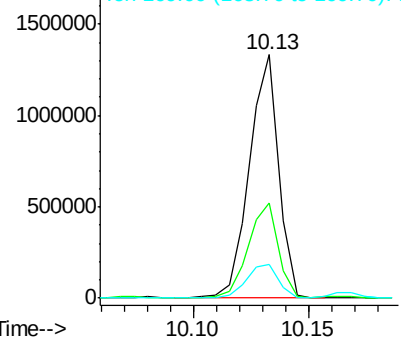


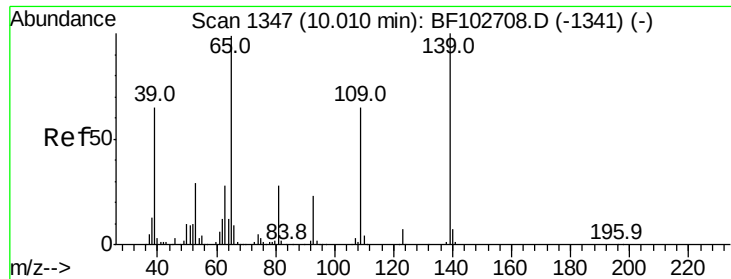
#54  
Dibenzofuran  
Concen: 36.912 ng  
RT: 10.13 min Scan# 1368  
Delta R.T. 0.01 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

Tgt Ion:168 Resp: 1174676  
Ion Ratio Lower Upper  
168 100  
139 39.0 30.1 45.1  
169 13.8 10.9 16.3



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

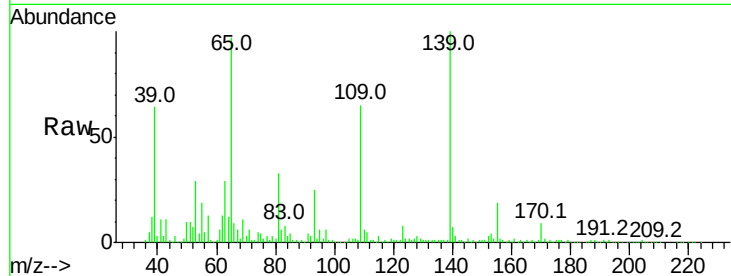




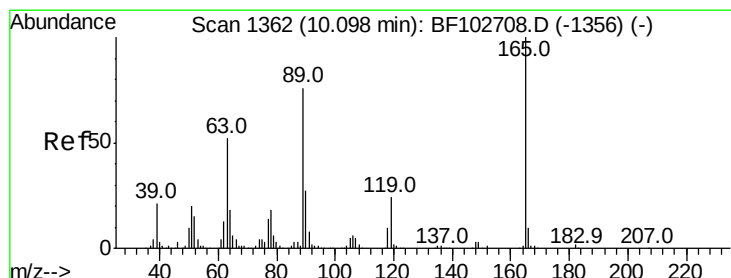
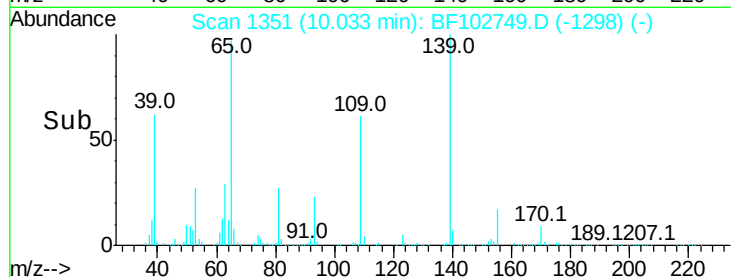
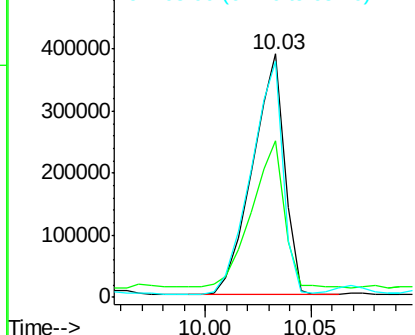
#55  
4-Nitrophenol  
Concen: 75.450 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. 0.01 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

Instrument :  
BNA\_F  
ClientSampleId :  
8-SAN-9-WW(1-4)MS

Tot Ion:139 Resp: 413618  
Ion Ratio Lower Upper  
139 100  
109 64.6 48.4 88.4  
65 96.9 72.6 112.6

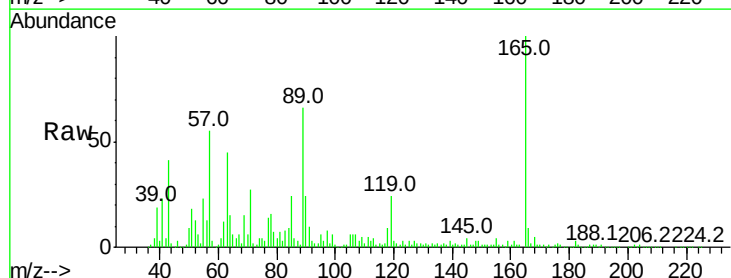


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

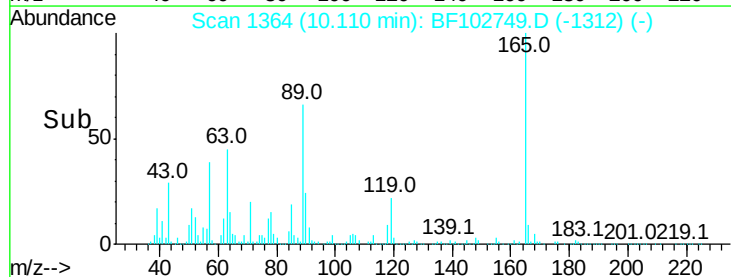
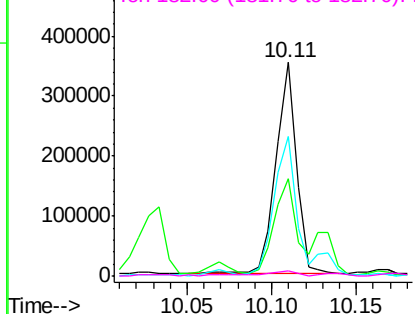


#56  
2,4-Dinitrotoluene  
Concen: 40.718 ng  
RT: 10.11 min Scan# 1364  
Delta R.T. 0.01 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

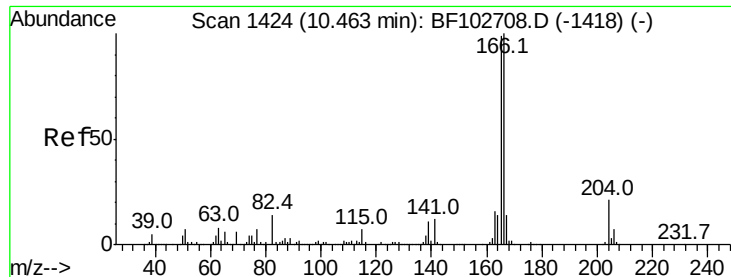
Tgt Ion:165 Resp: 293375  
Ion Ratio Lower Upper  
165 100  
63 45.5 36.4 54.6  
89 65.6 57.8 86.6  
182 2.5 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E







#57

Fluorene

Concen: 37.578 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

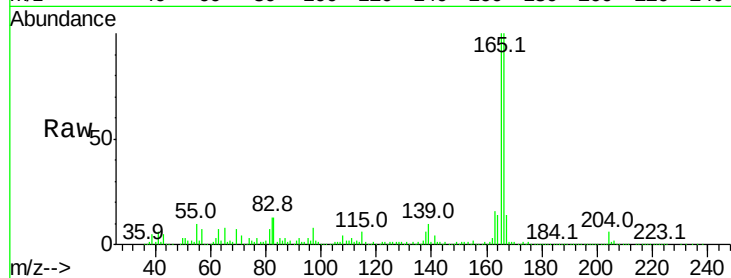
Tot Ion:166 Resp: 870085

Ion Ratio Lower Upper

166 100

165 100.3 79.8 119.8

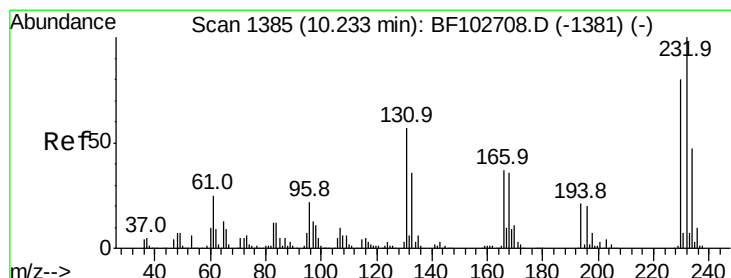
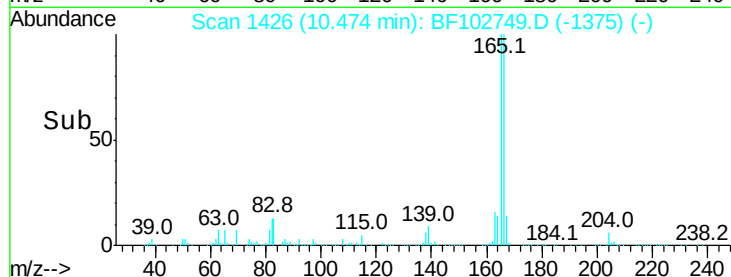
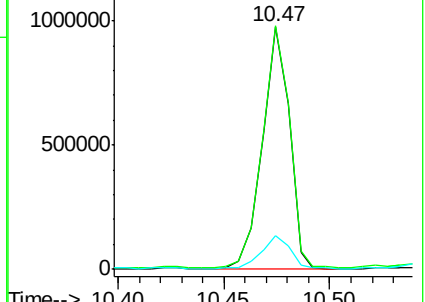
167 14.1 10.6 16.0



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: 42.508 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Tgt Ion:232 Resp: 217735

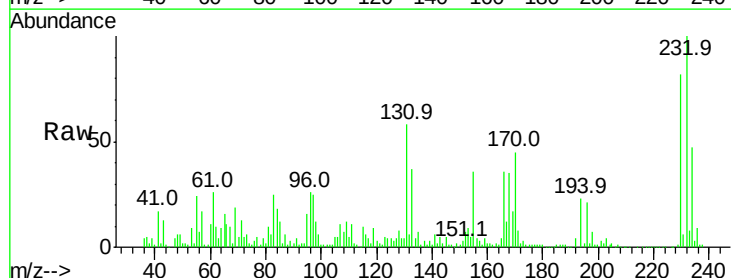
Ion Ratio Lower Upper

232 100

131 52.5 43.8 65.8

130 4.6 2.1 3.1#

166 36.1 27.8 41.6

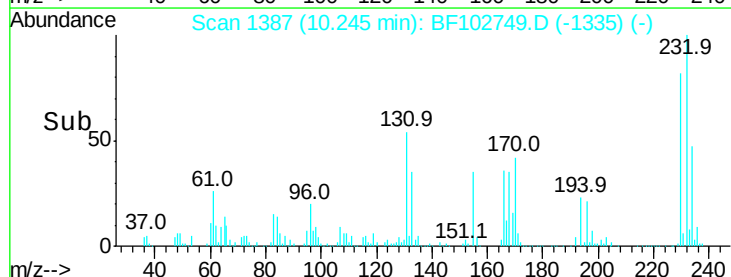
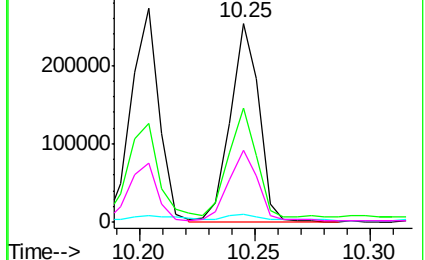


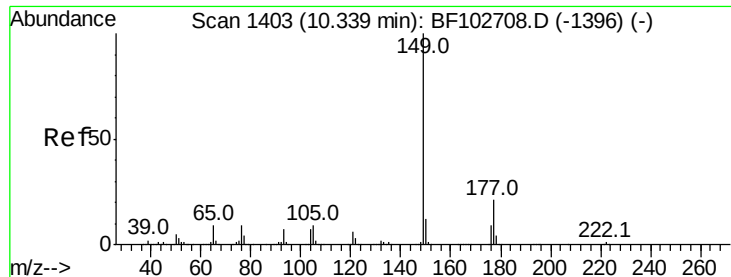
Abundance Ion 232.00 (231.70 to 232.70): E

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: 32.274 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

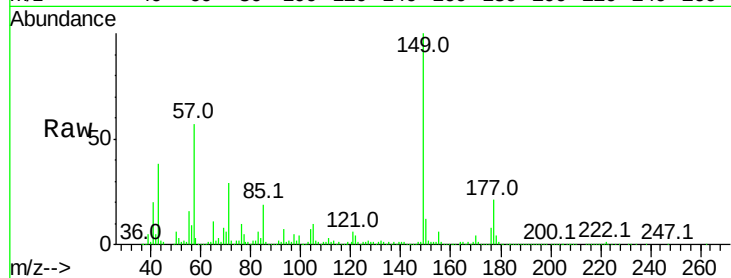
Tot Ion:149 Resp: 911030

Ion Ratio Lower Upper

149 100

177 20.6 16.1 24.1

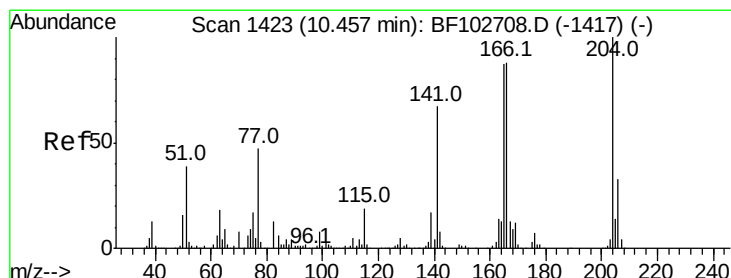
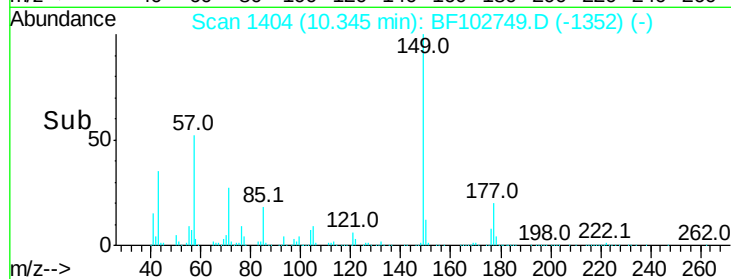
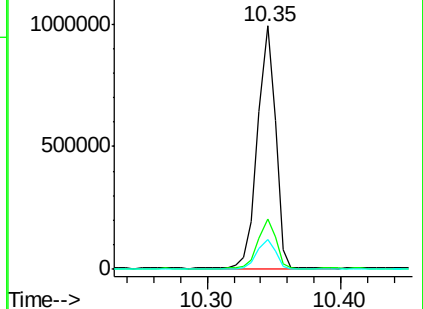
150 12.4 10.1 15.1



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: 37.098 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

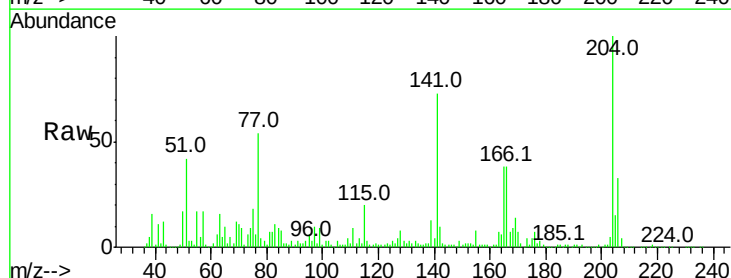
Tgt Ion:204 Resp: 379983

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

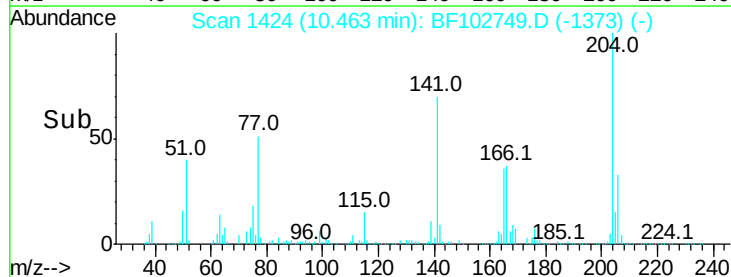
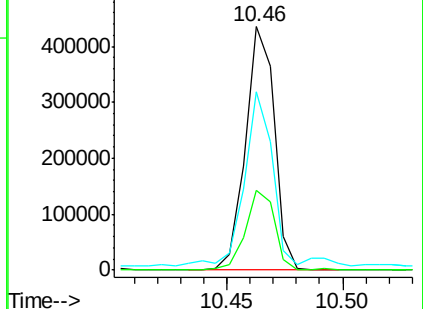
141 73.0 54.6 81.8

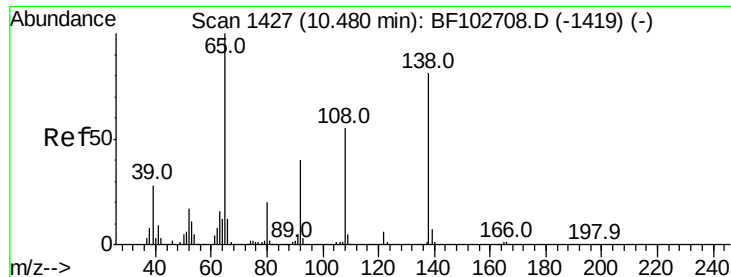


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

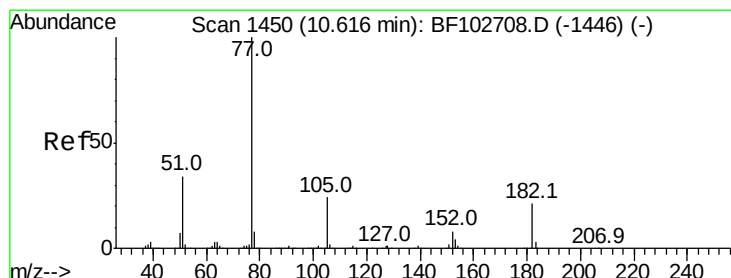
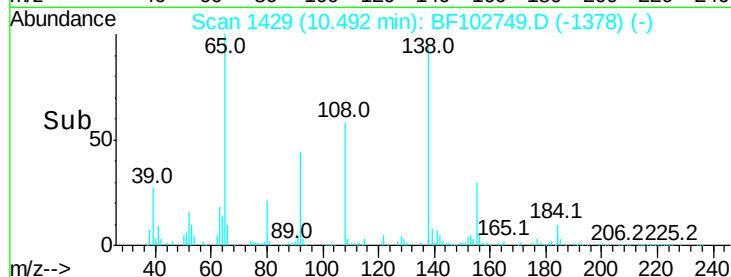
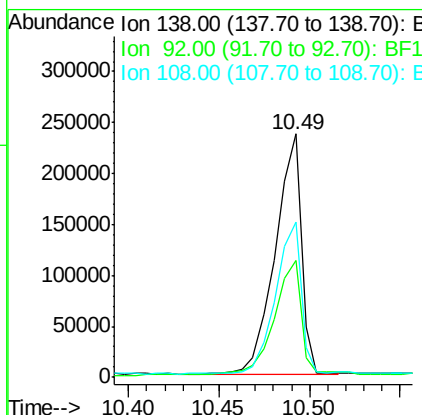
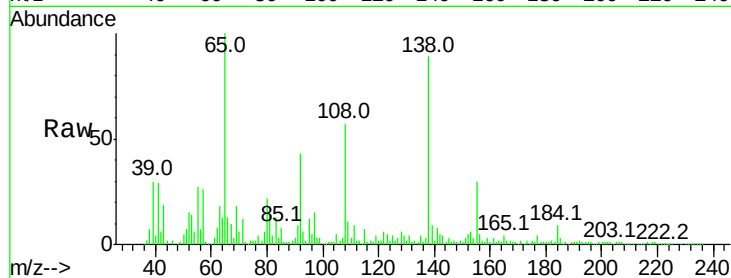




#61  
4-Nitroaniline  
Concen: 37.109 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. -0.00 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

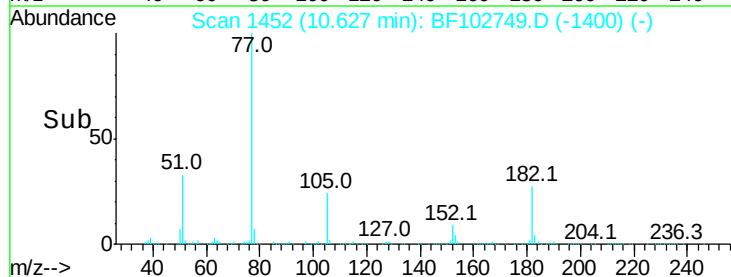
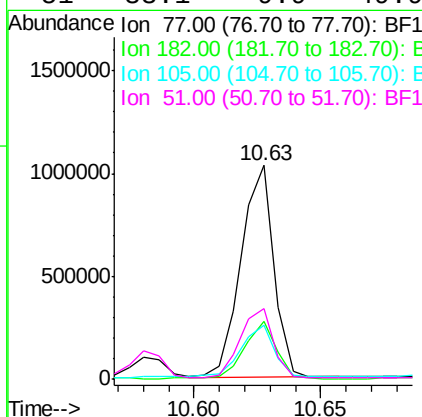
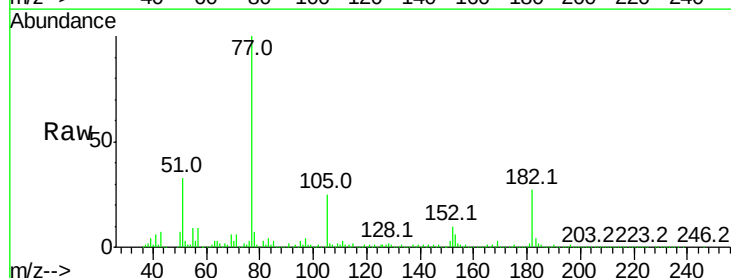
Instrument :  
BNA\_F  
ClientSampleId :  
8-SAN-9-WW(1-4)MS

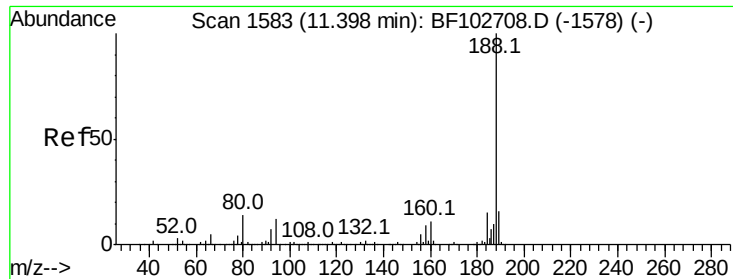
Tot Ion:138 Resp: 236385  
Ion Ratio Lower Upper  
138 100  
92 48.1 30.2 70.2  
108 63.6 52.5 92.5



#62  
Azobenzene  
Concen: 32.678 ng  
RT: 10.63 min Scan# 1452  
Delta R.T. 0.01 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

Tgt Ion: 77 Resp: 921506  
Ion Ratio Lower Upper  
77 100  
182 26.9 1.7 41.7  
105 25.0 3.0 43.0  
51 33.1 9.9 49.9

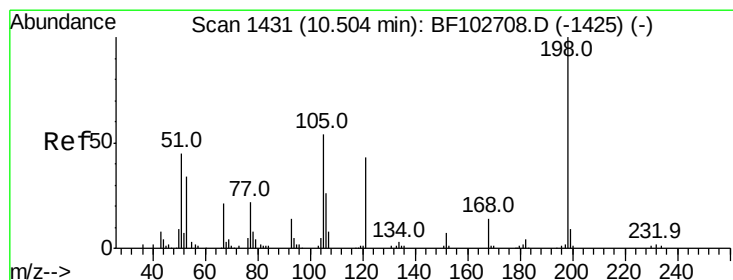
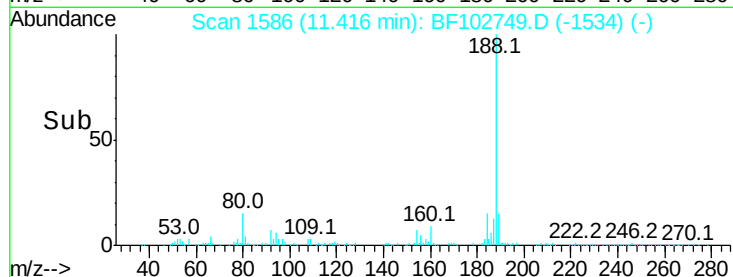
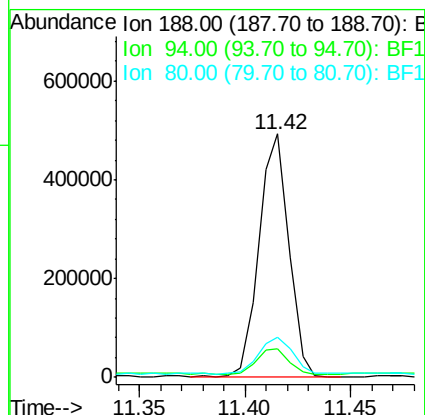
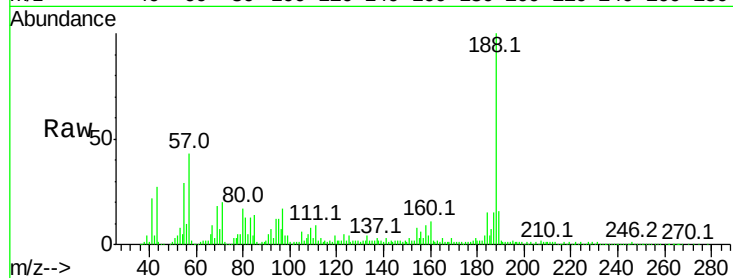




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. 0.01 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

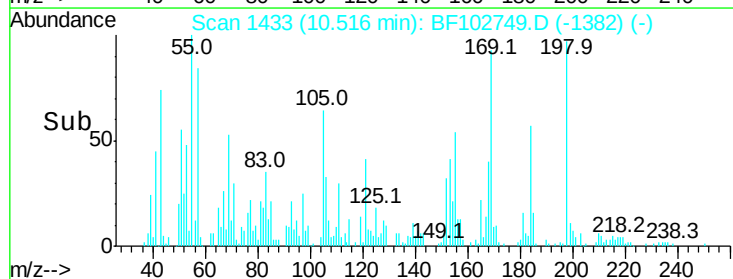
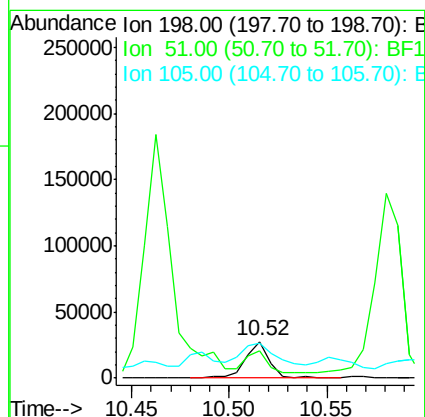
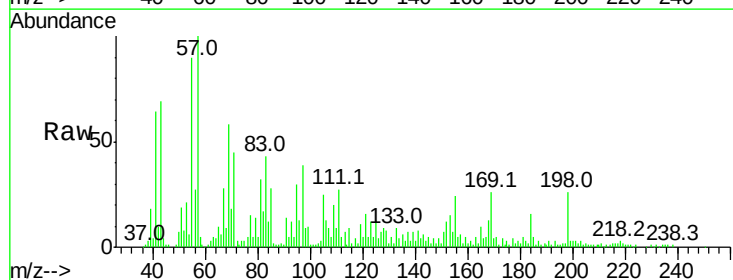
Instrument :  
BNA\_F  
ClientSampleId :  
8-SAN-9-WW(1-4)MS

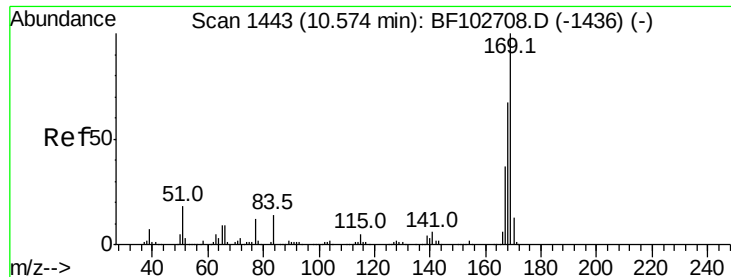
Tot Ion:188 Resp: 482142  
Ion Ratio Lower Upper  
188 100  
94 11.7 8.5 12.7  
80 16.7 9.2 13.8#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 18.520 ng  
RT: 10.52 min Scan# 1433  
Delta R.T. -0.00 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

Tgt Ion:198 Resp: 21758  
Ion Ratio Lower Upper  
198 100  
51 74.5 37.7 77.7  
105 97.0 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 50.141 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

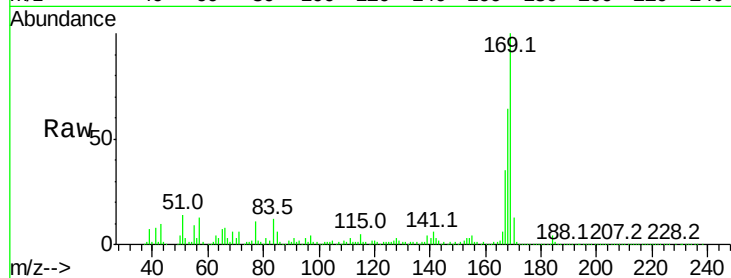
Tot Ion:169 Resp: 852730

Ion Ratio Lower Upper

169 100

168 64.5 54.4 81.6

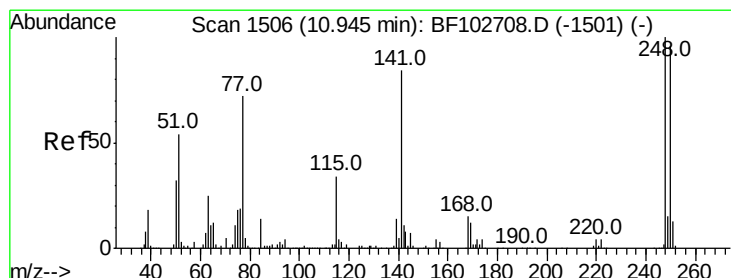
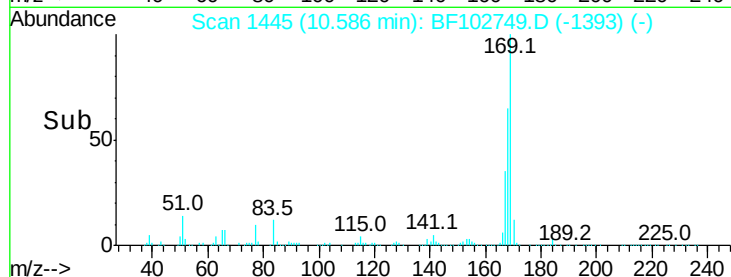
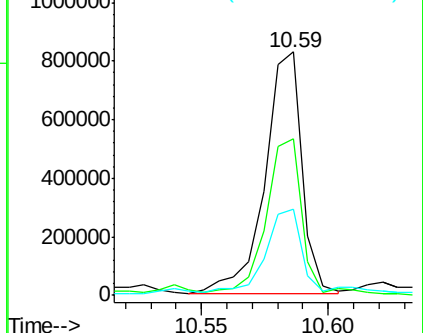
167 35.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.950 ng

RT: 10.96 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

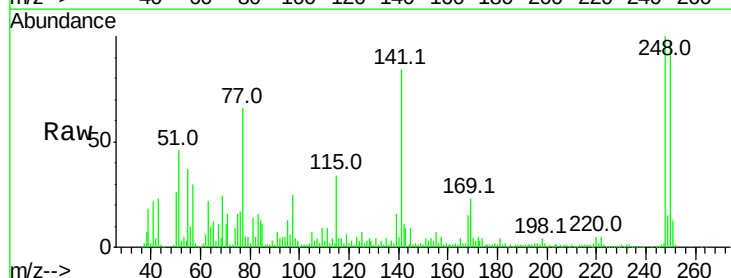
Tgt Ion:248 Resp: 234351

Ion Ratio Lower Upper

248 100

250 96.7 76.9 115.3

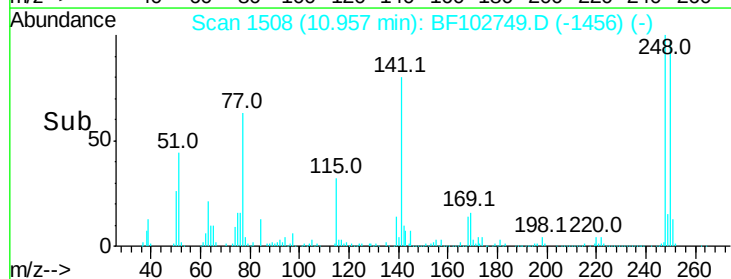
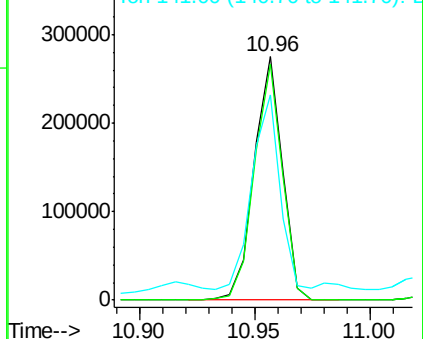
141 84.4 74.4 111.6

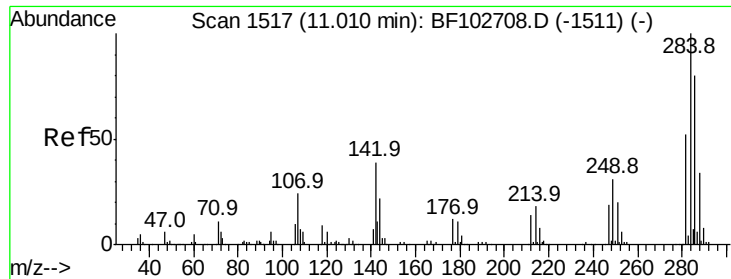


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

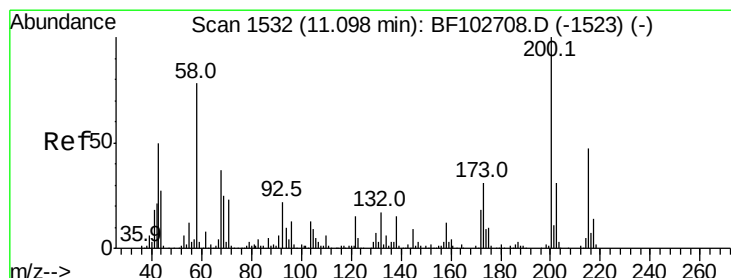
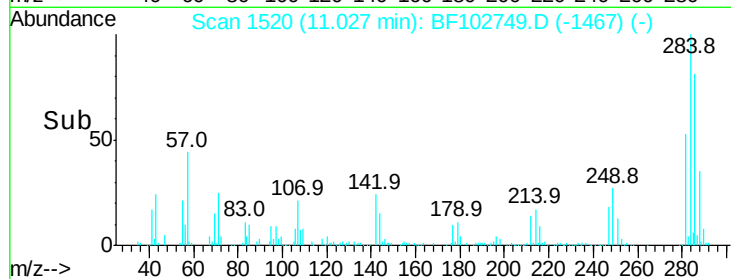
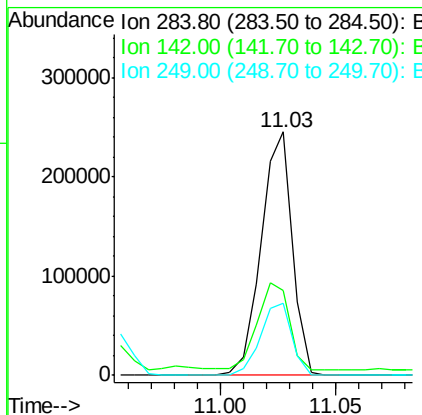
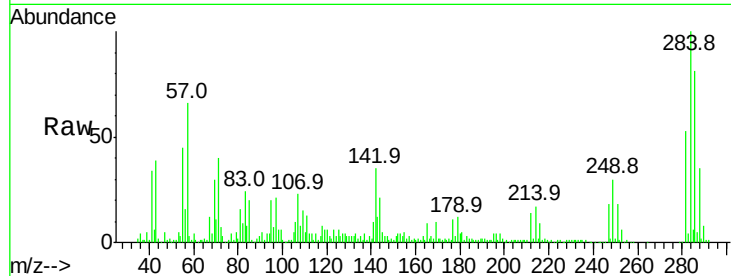




#67  
Hexachlorobenzene  
Concen: 40.843 ng  
RT: 11.03 min Scan# 1520  
Delta R.T. 0.01 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

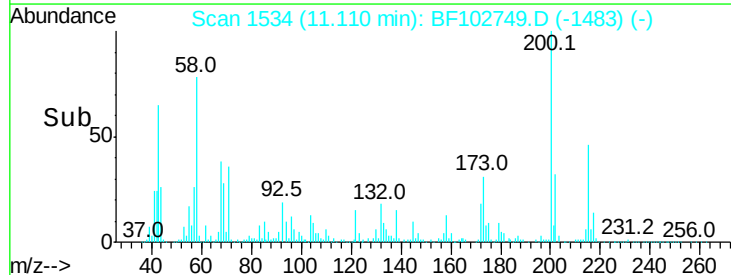
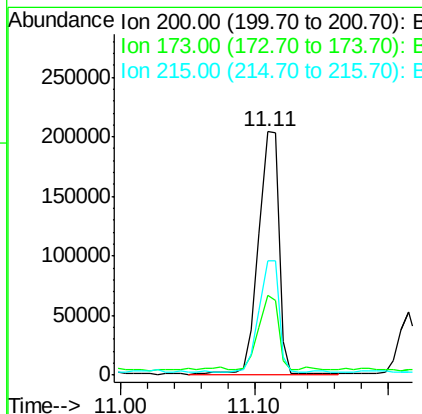
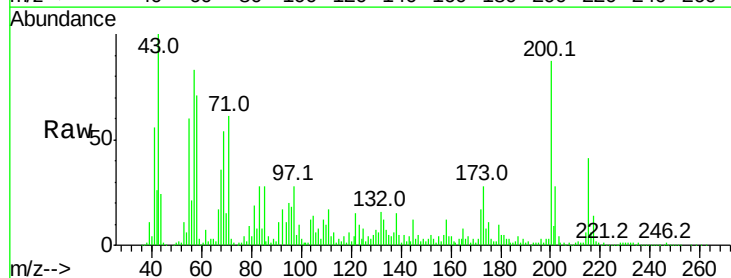
Instrument :  
BNA\_F  
ClientSampleId :  
8-SAN-9-WW(1-4)MS

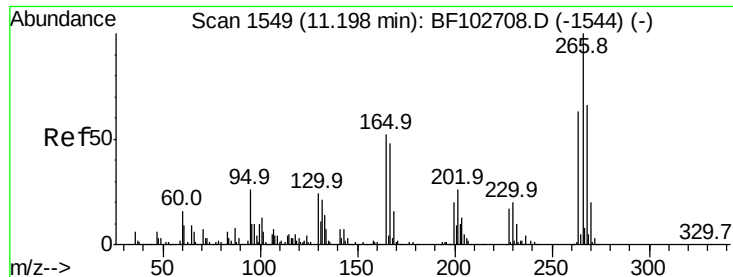
Tot Ion:284 Resp: 229798  
Ion Ratio Lower Upper  
284 100  
142 35.0 34.6 52.0  
249 29.7 24.8 37.2



#68  
Atrazine  
Concen: 42.625 ng  
RT: 11.11 min Scan# 1534  
Delta R.T. -0.00 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

Tgt Ion:200 Resp: 213857  
Ion Ratio Lower Upper  
200 100  
173 32.7 8.6 48.6  
215 46.9 25.1 65.1

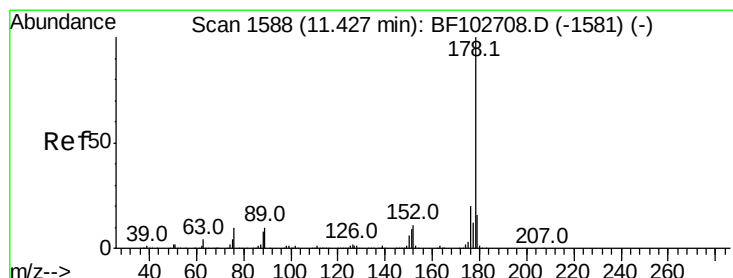
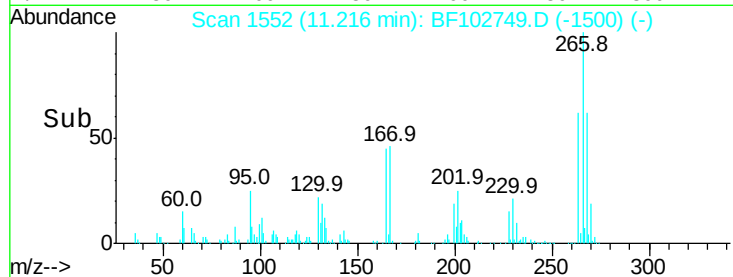
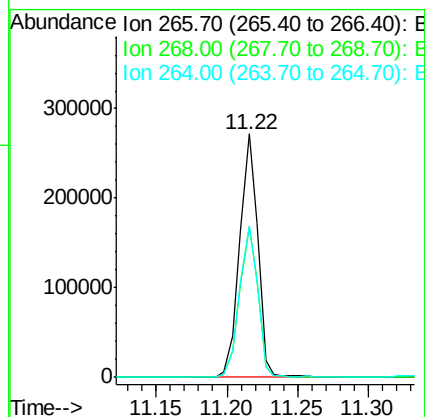
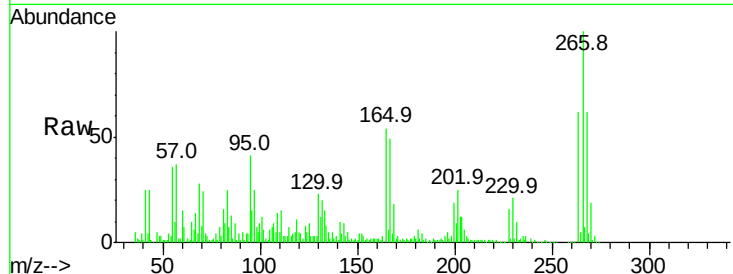




#69  
 Pentachlorophenol  
 Concen: 74.030 ng  
 RT: 11.22 min Scan# 1552  
 Delta R.T. 0.01 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

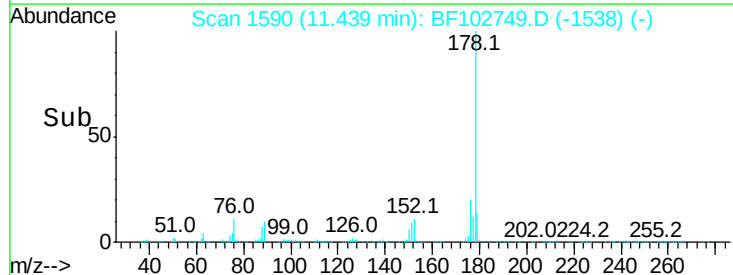
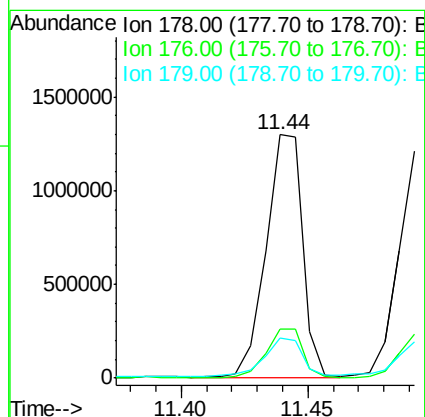
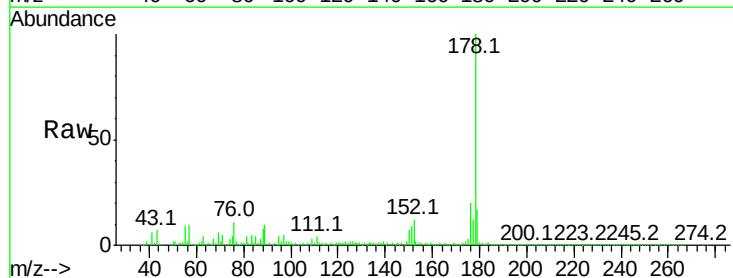
Instrument :  
 BNA\_F  
 ClientSampleId :  
 8-SAN-9-WW(1-4)MS

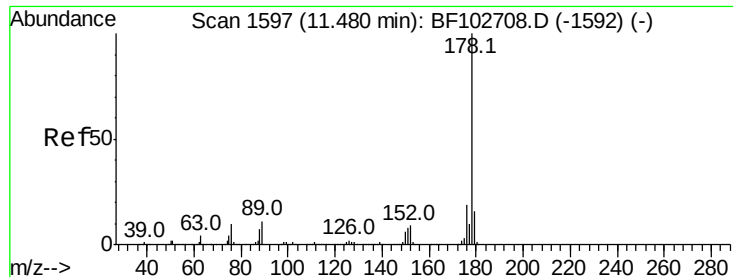
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.8  | 51.1  | 76.7  |
| 264     | 62.3  | 49.5  | 74.3  |



#70  
 Phenanthrene  
 Concen: 48.663 ng  
 RT: 11.44 min Scan# 1590  
 Delta R.T. 0.01 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.2  | 15.8  | 23.8  |
| 179     | 16.6  | 13.0  | 19.6  |

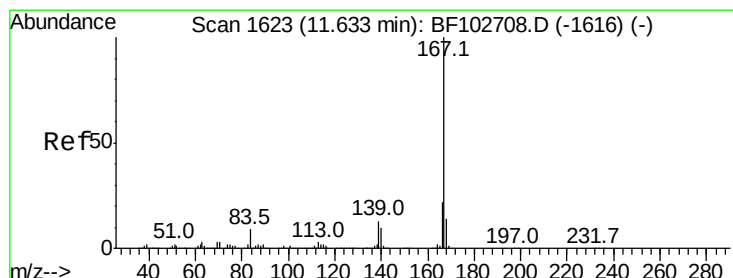
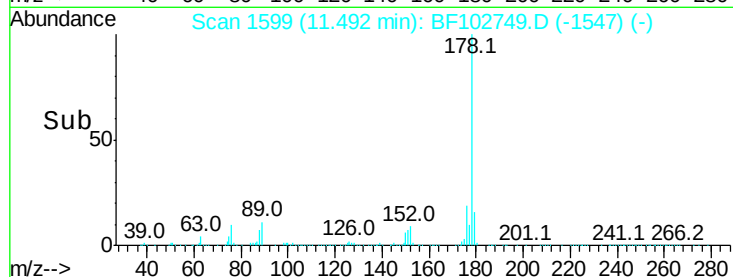
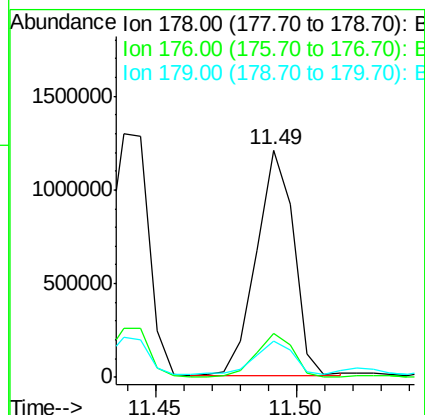
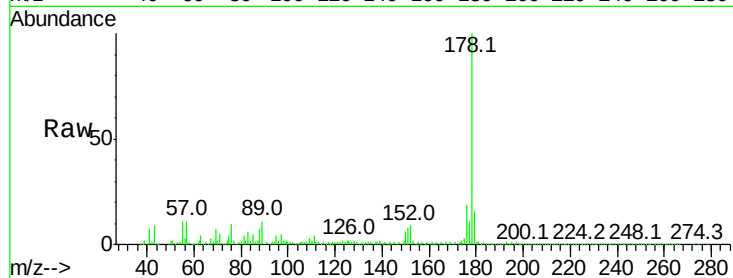




#71  
 Anthracene  
 Concen: 40.152 ng  
 RT: 11.49 min Scan# 1599  
 Delta R.T. 0.01 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

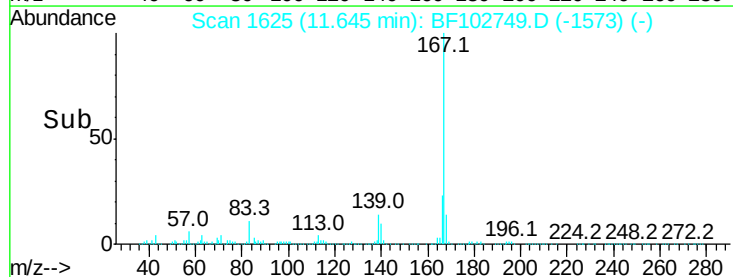
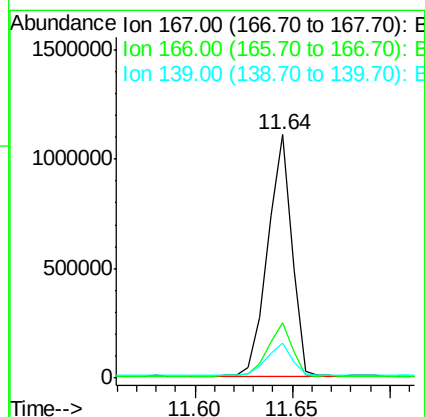
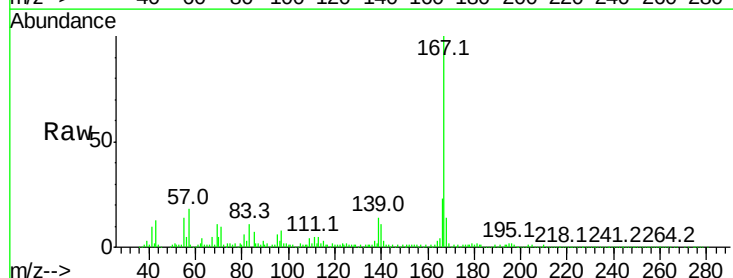
Instrument :  
 BNA\_F  
 ClientSampleId :  
 8-SAN-9-WW(1-4)MS

Tot Ion:178 Resp: 1096604  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 15.4 23.2  
 179 16.2 12.6 19.0

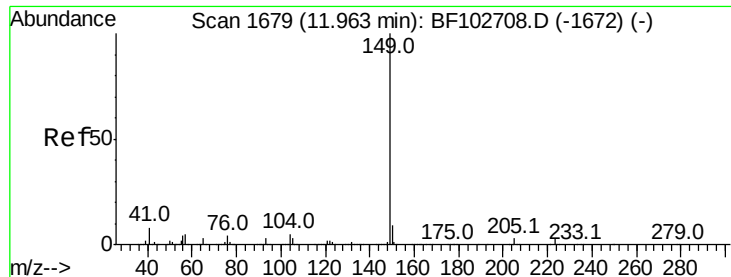


#72  
 Carbazole  
 Concen: 35.141 ng  
 RT: 11.64 min Scan# 1625  
 Delta R.T. 0.01 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

Tgt Ion:167 Resp: 940240  
 Ion Ratio Lower Upper  
 167 100  
 166 23.0 17.6 26.4  
 139 14.3 10.9 16.3







#73

Di-n-butylphthalate

Concen: 37.844 ng

RT: 11.97 min Scan# 1681

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

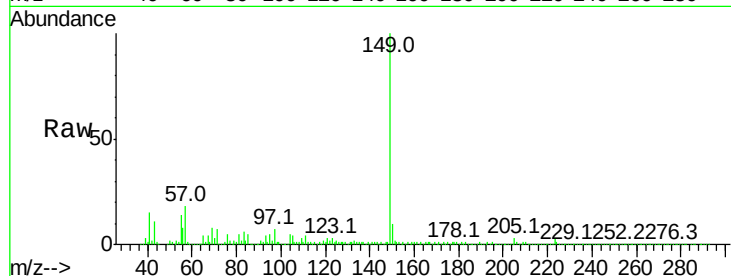
Tot Ion:149 Resp: 1229992

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

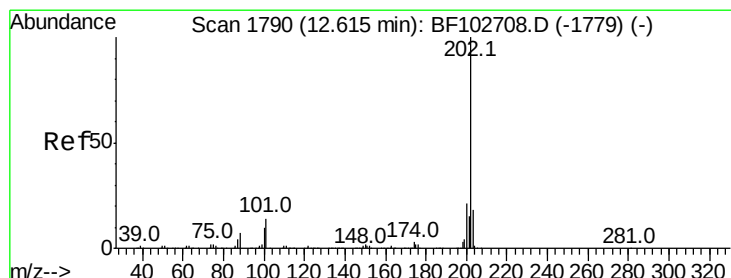
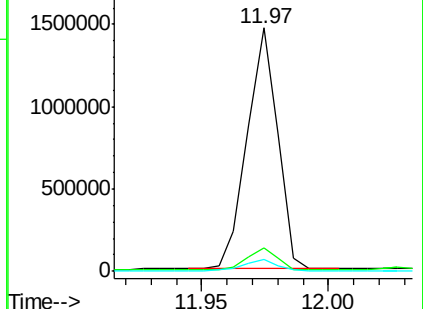
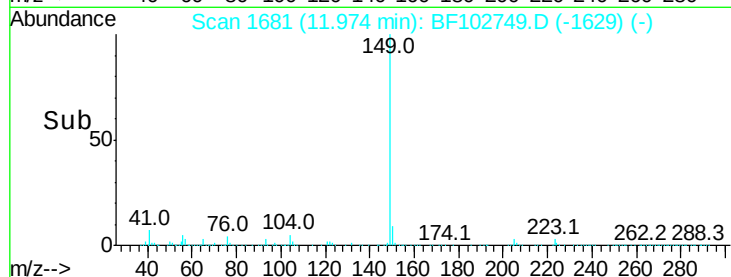
104 4.9 3.8 5.8



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: 36.593 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.02 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

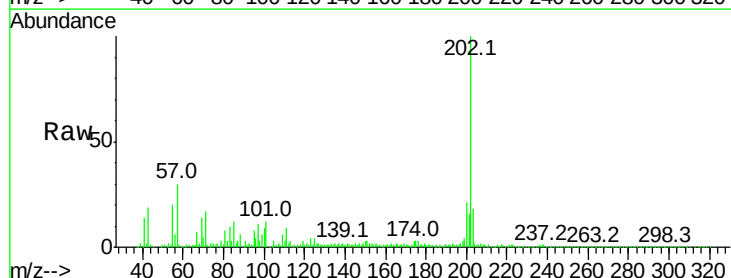
Tgt Ion:202 Resp: 988606

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

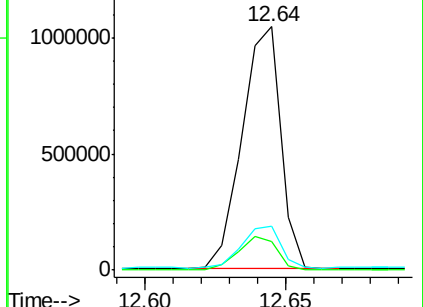
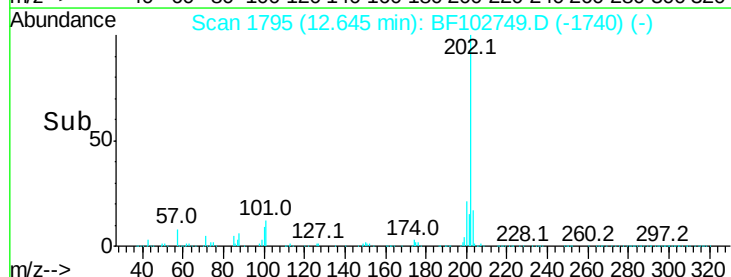
203 18.0 0.0 38.1

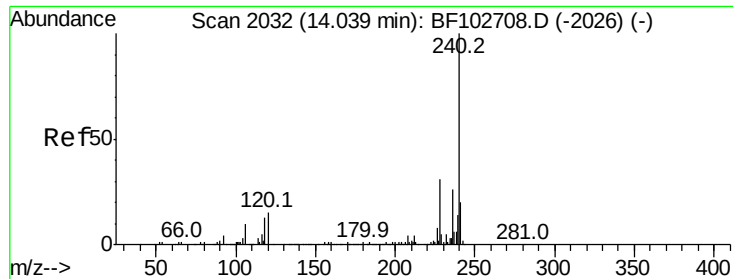


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

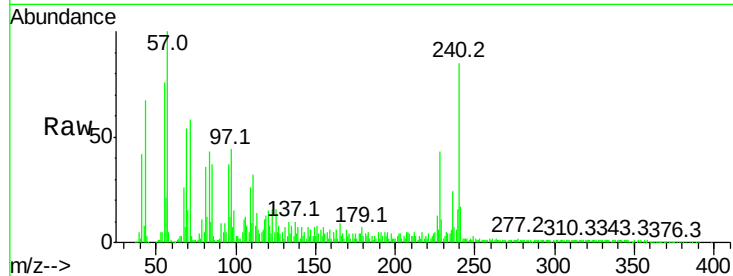
Tot Ion:240 Resp: 234116

Ion Ratio Lower Upper

240 100

120 18.0 9.5 14.3#

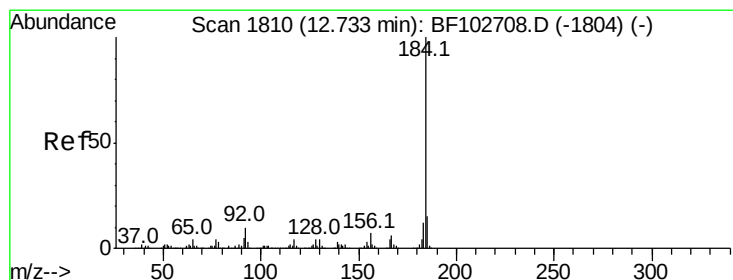
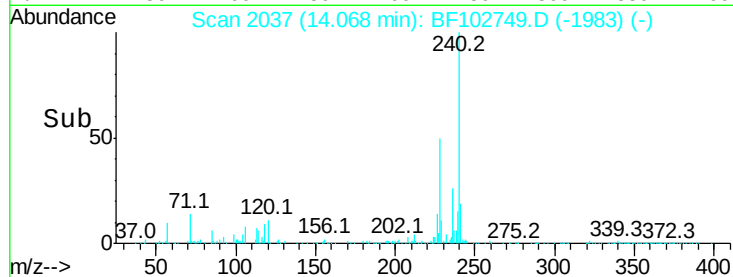
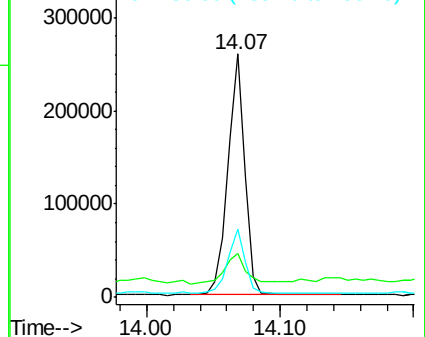
236 28.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.668 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

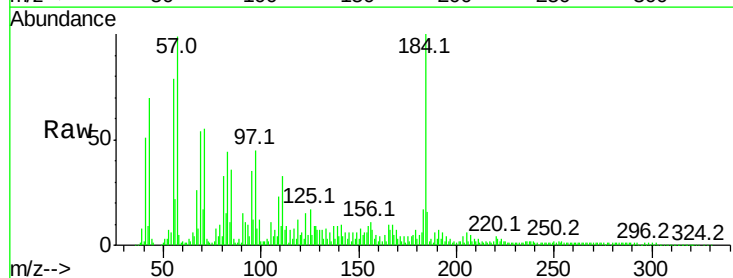
Tgt Ion:184 Resp: 297707

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

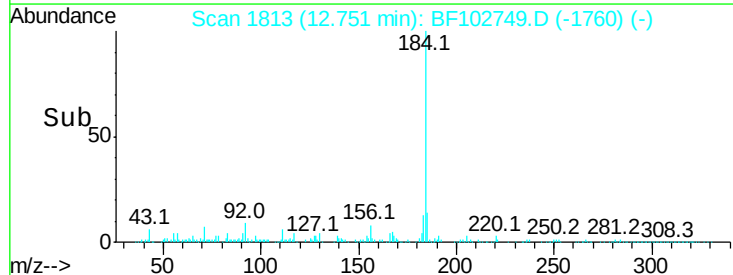
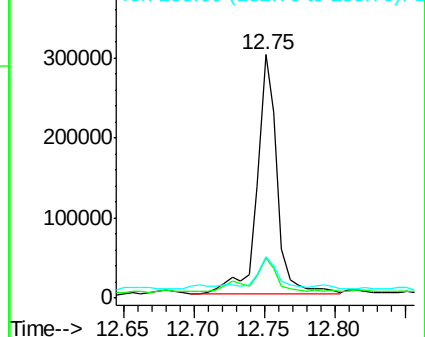
183 17.1 9.3 13.9#

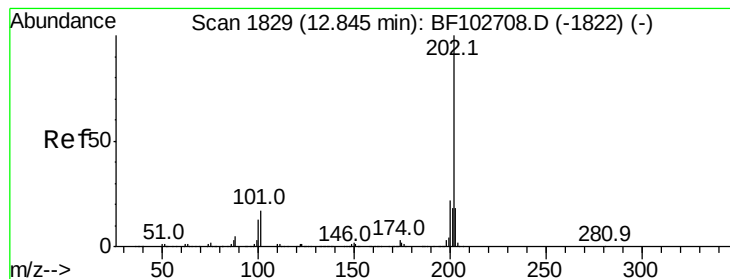


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.885 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.02 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

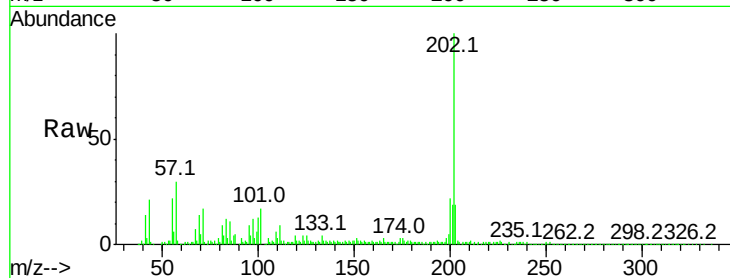
Tot Ion:202 Resp: 952528

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

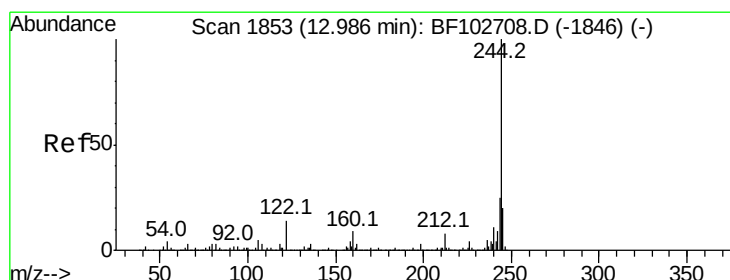
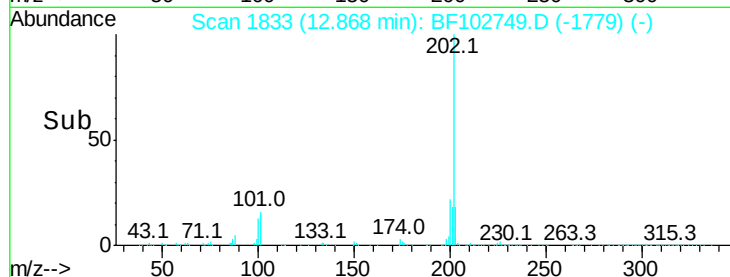
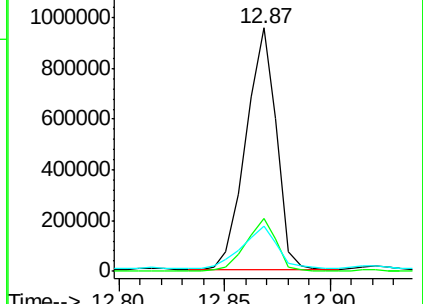
203 18.6 14.3 21.5



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: 90.324 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

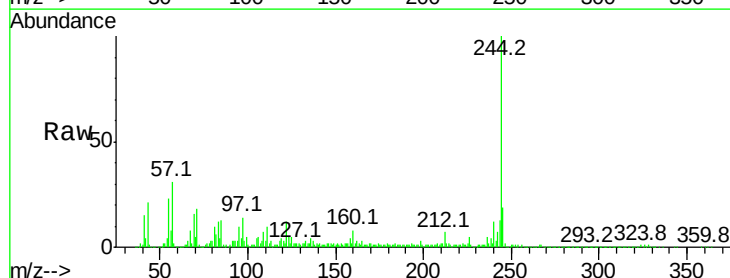
Tgt Ion:244 Resp: 893089

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

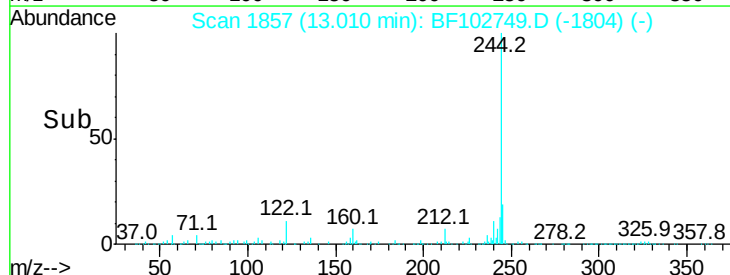
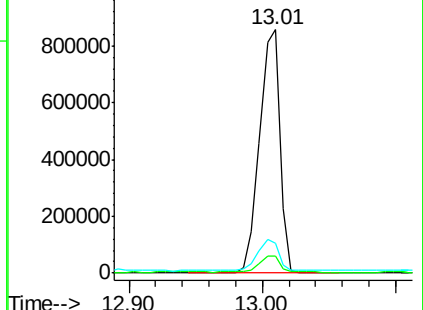
122 12.4 11.0 16.4

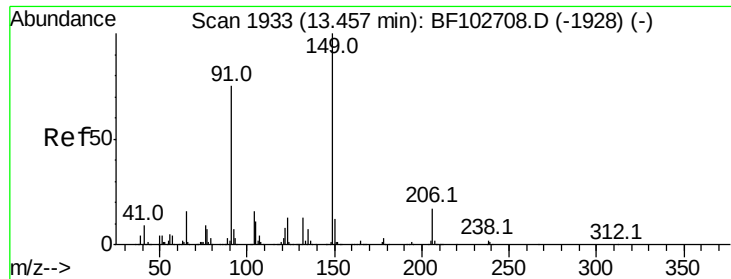


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

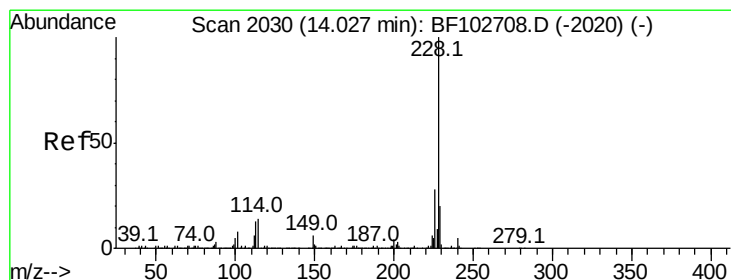
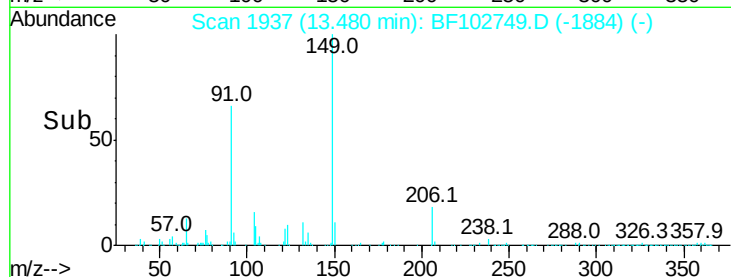
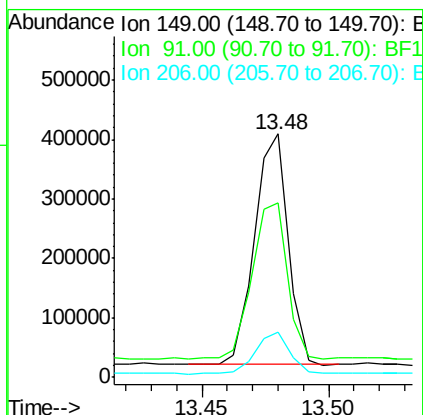
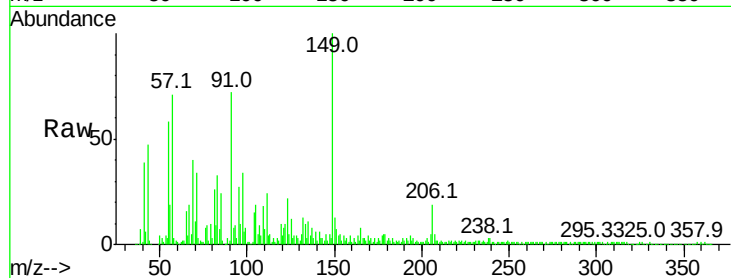




#79  
Butylbenzylphthalate  
Concen: 40.695 ng  
RT: 13.48 min Scan# 1937  
Delta R.T. 0.01 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

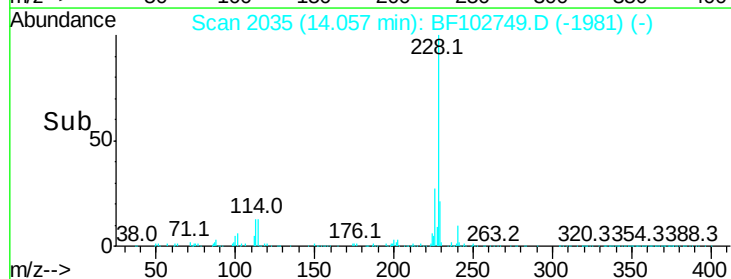
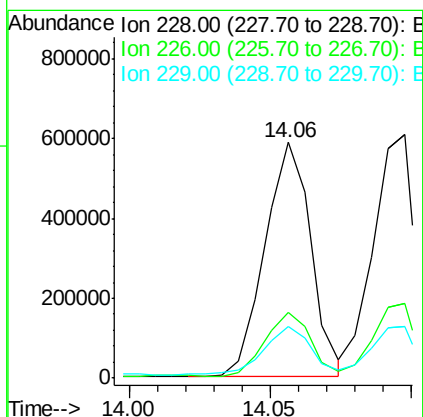
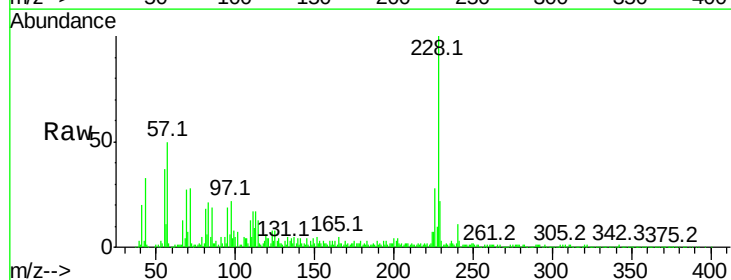
Instrument :  
BNA\_F  
ClientSampleId :  
8-SAN-9-WW(1-4)MS

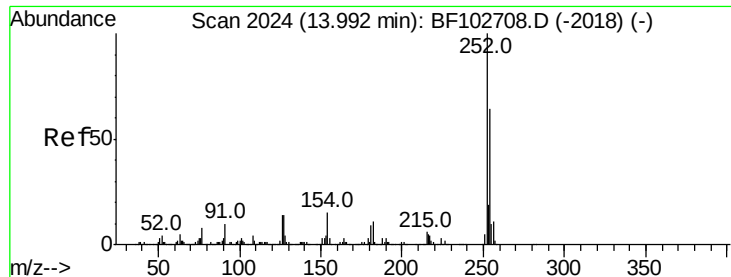
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.8  | 56.8  | 85.2  |
| 206     | 18.8  | 14.1  | 21.1  |



#80  
Benzo(a)anthracene  
Concen: 44.893 ng  
RT: 14.06 min Scan# 2035  
Delta R.T. 0.02 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.8  | 22.6  | 33.8  |
| 229     | 22.0  | 15.8  | 23.6  |

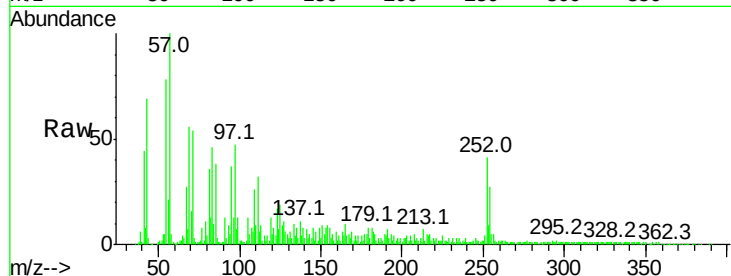




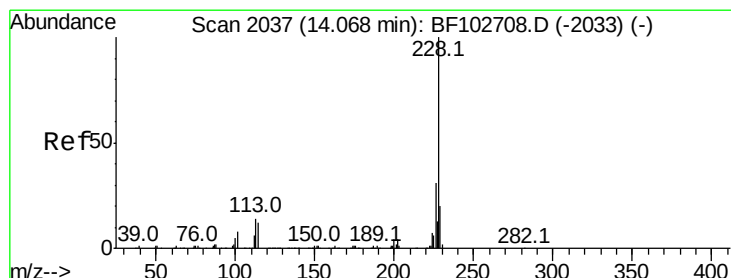
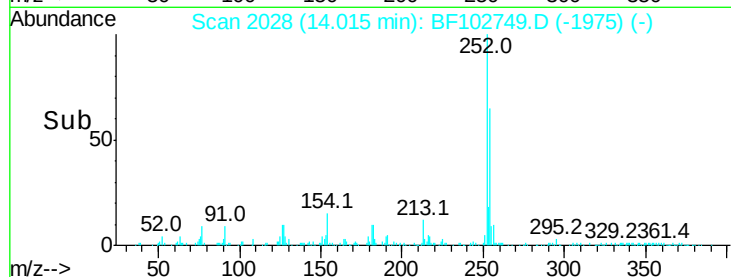
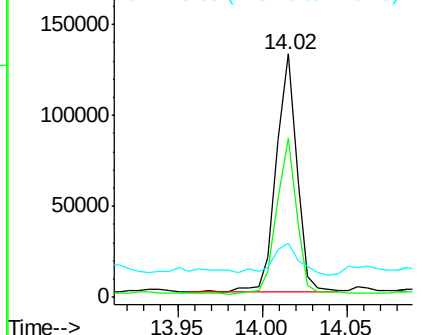
#81  
 3,3'-Dichlorobenzidine  
 Concen: 20.452 ng  
 RT: 14.02 min Scan# 2028  
 Delta R.T. 0.01 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 8-SAN-9-WW(1-4)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.5  | 50.4  | 75.6  |
| 126     | 22.3  | 11.3  | 16.9  |

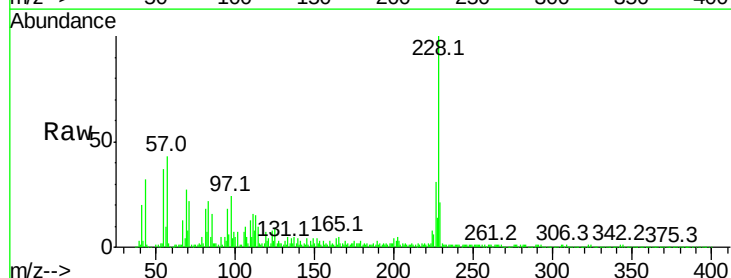


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

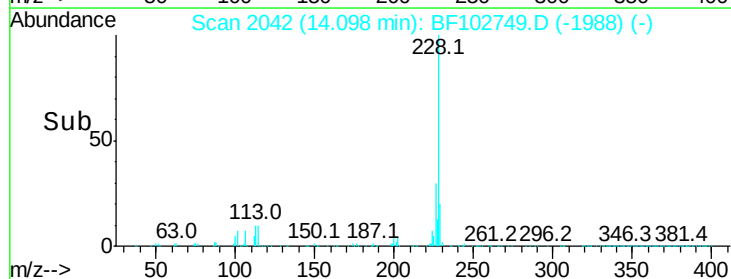
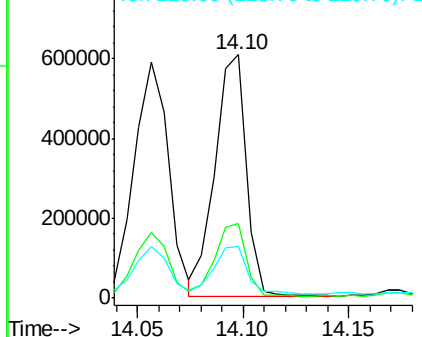


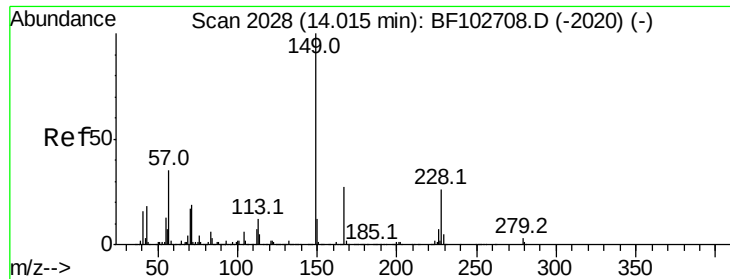
#82  
 Chrysene  
 Concen: 42.022 ng  
 RT: 14.10 min Scan# 2042  
 Delta R.T. 0.02 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.8  | 25.0  | 37.6  |
| 229     | 21.2  | 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: 45.657 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.02 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

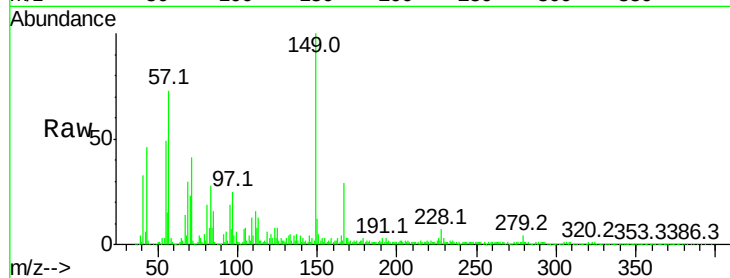
Tot Ion:149 Resp: 513463

Ion Ratio Lower Upper

149 100

167 28.6 21.3 31.9

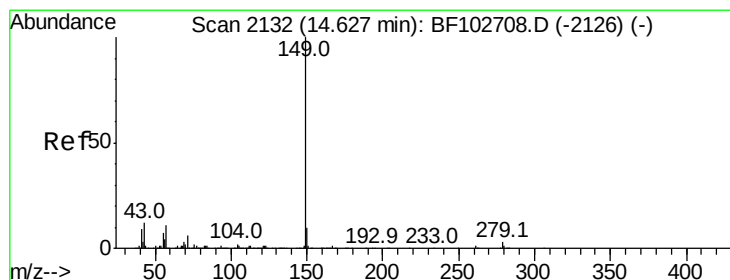
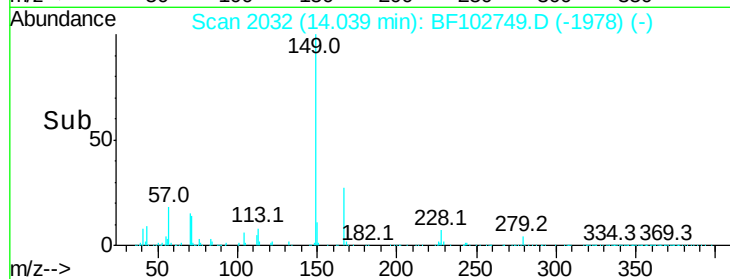
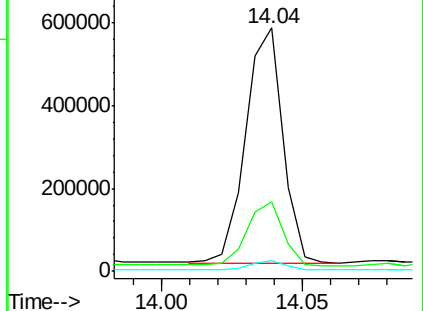
279 4.2 3.0 4.4



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: 47.764 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

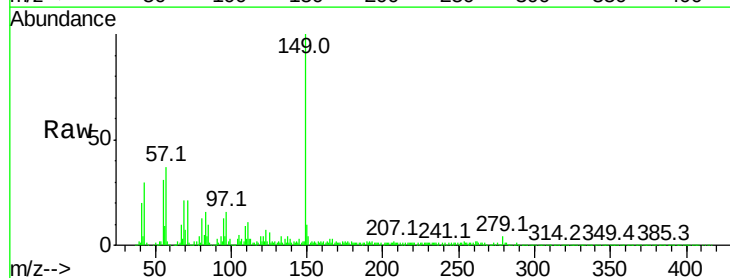
Tgt Ion:149 Resp: 806561

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

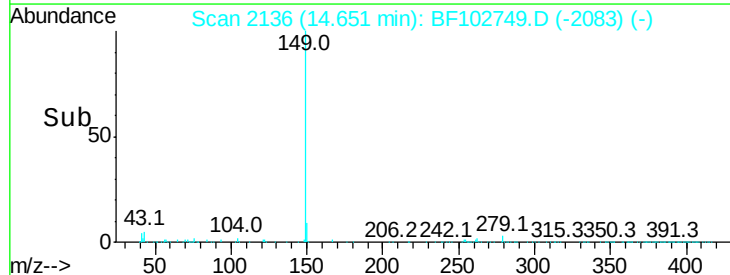
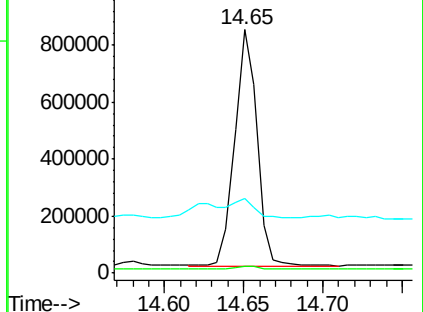
43 8.1 8.4 12.6#

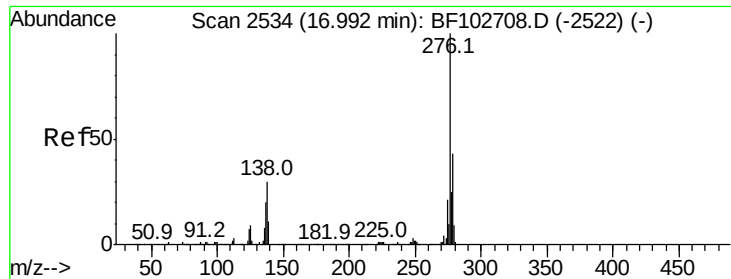


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

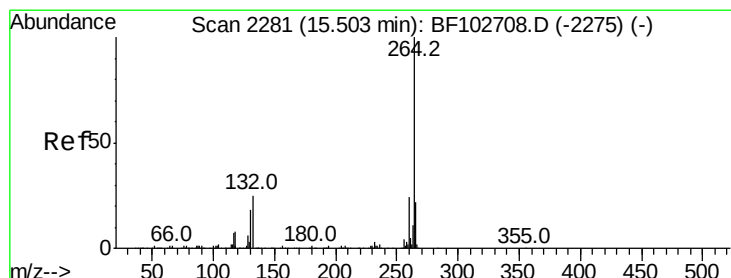
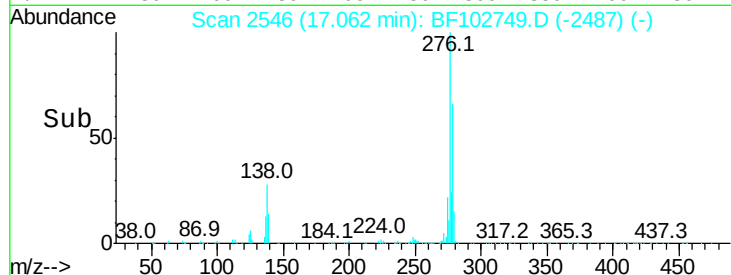
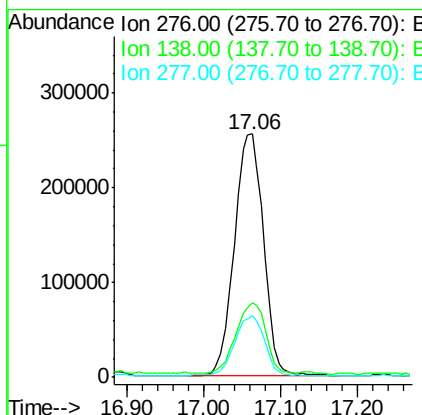
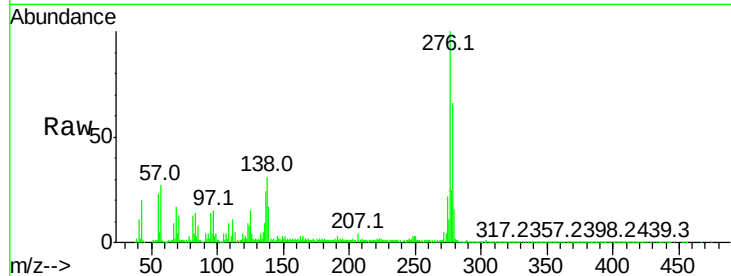




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 55.014 ng  
 RT: 17.06 min Scan# 2546  
 Delta R.T. 0.05 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

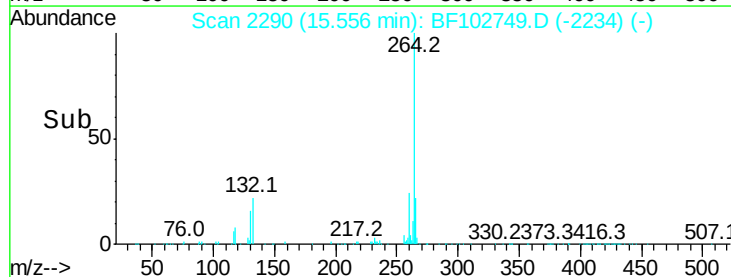
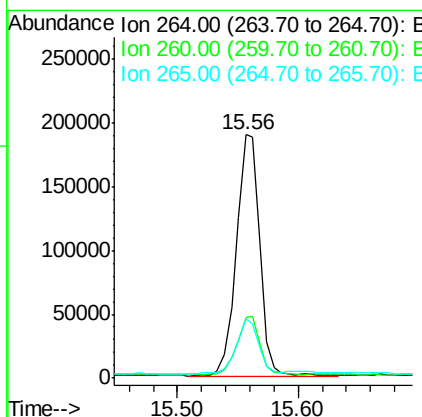
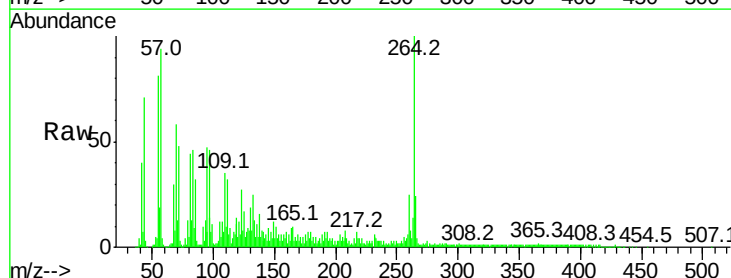
Instrument :  
 BNA\_F  
 ClientSampleId :  
 8-SAN-9-WW(1-4)MS

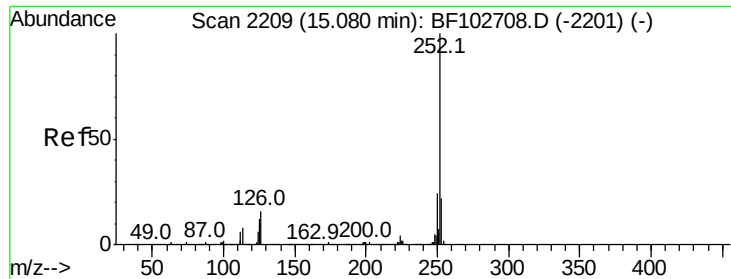
Tot Ion:276 Resp: 677219  
 Ion Ratio Lower Upper  
 276 100  
 138 29.4 25.0 37.6  
 277 25.7 20.1 30.1



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.56 min Scan# 2290  
 Delta R.T. 0.03 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

Tgt Ion:264 Resp: 253541  
 Ion Ratio Lower Upper  
 264 100  
 260 25.1 19.2 28.8  
 265 24.2 17.5 26.3

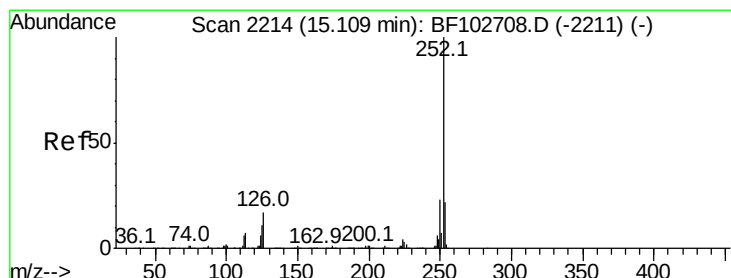
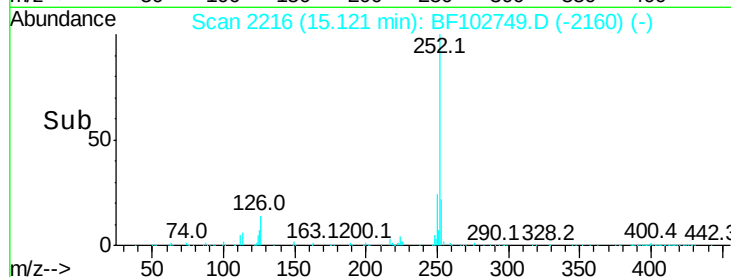
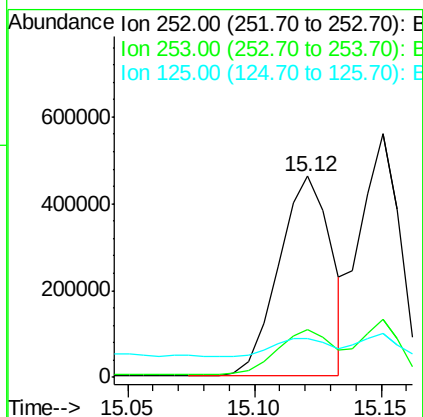
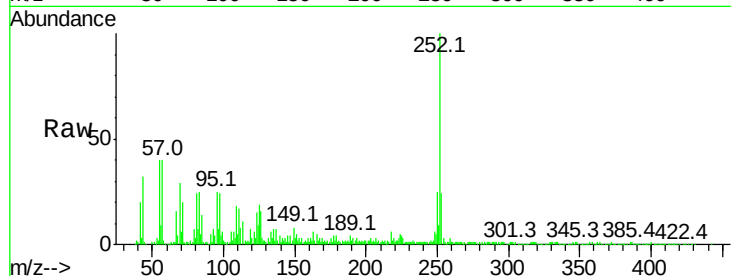




#87  
Benzo(b)fluoranthene  
Concen: 40.501 ng  
RT: 15.12 min Scan# 2216  
Delta R.T. 0.03 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

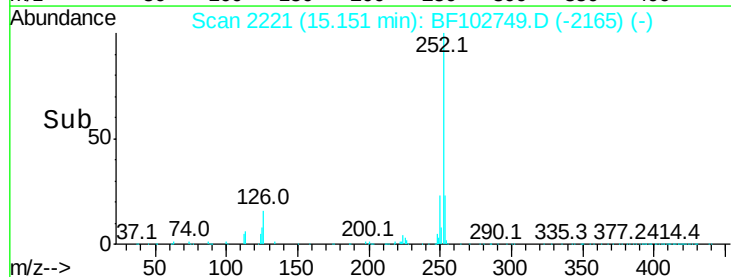
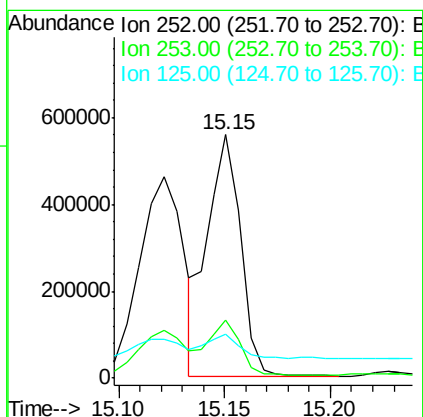
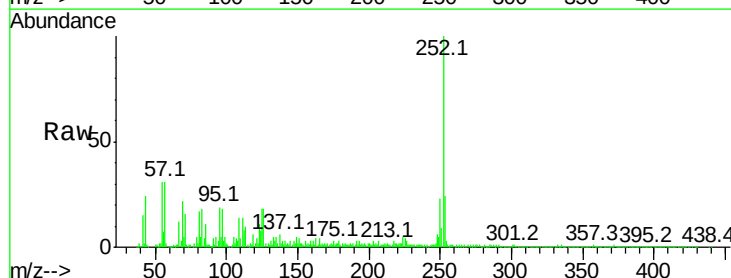
Instrument :  
BNA\_F  
ClientSampleId :  
8-SAN-9-WW(1-4)MS

Tot Ion:252 Resp: 665763  
Ion Ratio Lower Upper  
252 100  
253 23.8 17.0 25.6  
125 19.4 9.0 13.6#

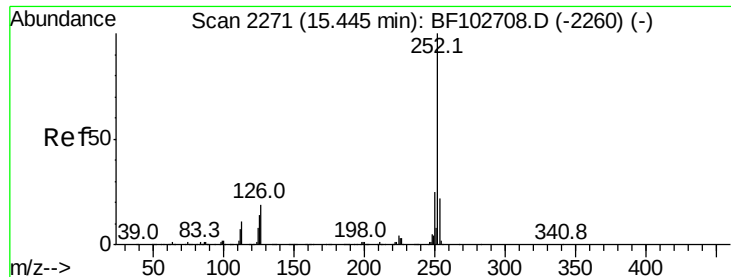


#88  
Benzo(k)fluoranthene  
Concen: 38.543 ng  
RT: 15.15 min Scan# 2221  
Delta R.T. 0.03 min  
Lab File: BF102749.D  
Acq: 5 Feb 2018 20:21

Tgt Ion:252 Resp: 605365  
Ion Ratio Lower Upper  
252 100  
253 23.6 17.9 26.9  
125 18.0 10.2 15.2#







#89

Benzo(a)pyrene

Concen: 42.231 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.04 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

Instrument :

BNA\_F

ClientSampleId :

8-SAN-9-WW(1-4)MS

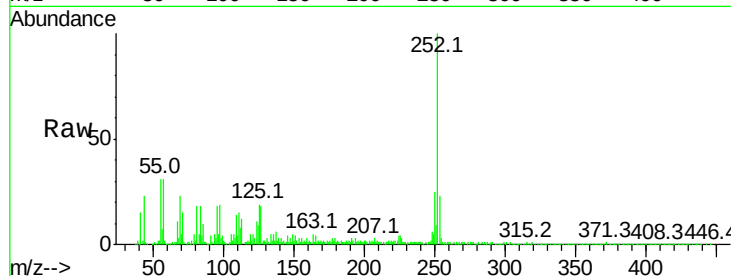
Tot Ion:252 Resp: 624856

Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

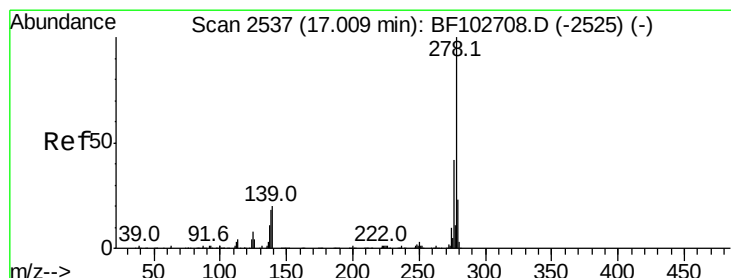
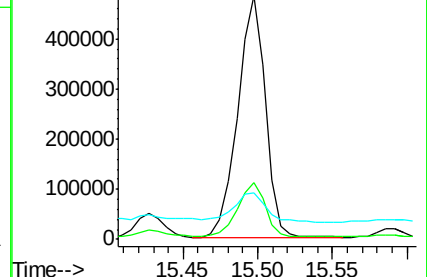
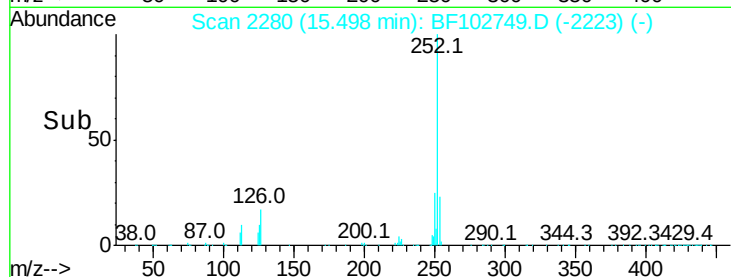
125 19.2 9.8 14.6#



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: 44.647 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.04 min

Lab File: BF102749.D

Acq: 5 Feb 2018 20:21

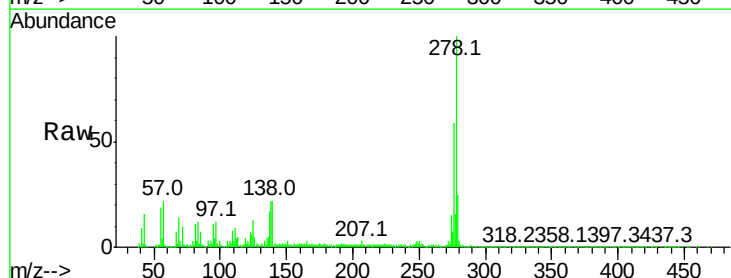
Tgt Ion:278 Resp: 536189

Ion Ratio Lower Upper

278 100

139 22.1 15.9 23.9

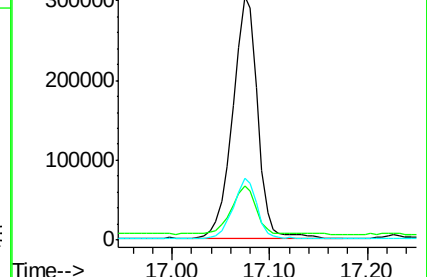
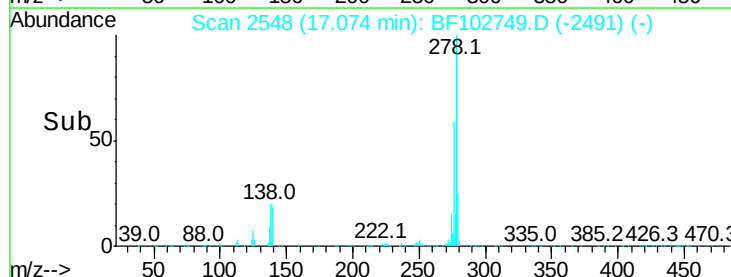
279 25.3 19.0 28.4

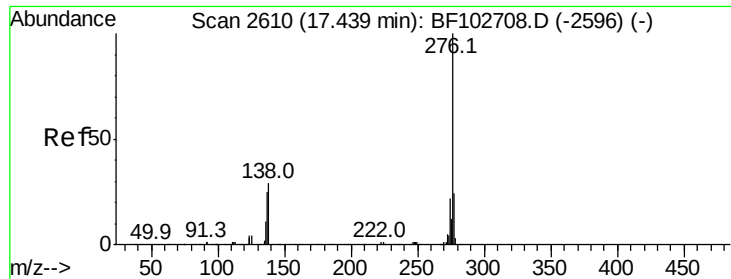


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

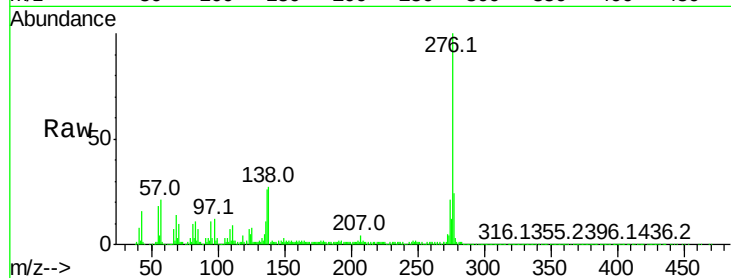




#91  
 Benzo(a,h,i)perylene  
 Concen: 48.624 ng  
 RT: 17.51 min Scan# 2622  
 Delta R.T. 0.04 min  
 Lab File: BF102749.D  
 Acq: 5 Feb 2018 20:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 8-SAN-9-WW(1-4)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.9  | 17.9  | 26.9  |
| 138     | 27.5  | 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

