

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\  
 Data File : BF100542.D  
 Acq On : 14 Nov 2017 15:04  
 Operator : SJ/JU  
 Sample : I6364-02MS 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 N-P001-001-0001-01MS

Quant Time: Nov 14 15:39:42 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 14 14:17:16 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89  | 152  | 114500   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.17  | 136  | 419126   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.92  | 164  | 157035   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.40 | 188  | 260711   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.04 | 240  | 267021   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.52 | 264  | 194406   | 20.00 | ng    | 0.00     |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.49  | 112 | 149269 | 20.90 | ng | 0.00  |
| 7) Phenol-d6                | 6.50  | 99  | 173283 | 19.67 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.44  | 82  | 101353 | 15.99 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.70 | 330 | 28406  | 17.75 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 9.24  | 172 | 190534 | 18.48 | ng | 0.00  |
| 78) Terphenyl-d14           | 12.99 | 244 | 150074 | 12.91 | ng | 0.00  |

|                                |      |     |        |        |    |      |
|--------------------------------|------|-----|--------|--------|----|------|
| Target Compounds               |      |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.66 | 88  | 19193  | 5.514  | ng | # 92 |
| 3) Pyridine                    | 3.50 | 79  | 21610  | 2.275  | ng | 96   |
| 4) n-Nitrosodimethylamine      | 3.38 | 42  | 26964  | 5.848  | ng | # 95 |
| 8) 2-Chlorophenol              | 6.66 | 128 | 51065  | 6.758  | ng | 99   |
| 9) Benzaldehyde                | 6.43 | 77  | 32452  | 5.159  | ng | 97   |
| 10) Phenol                     | 6.51 | 94  | 66577  | 7.200  | ng | 99   |
| 11) bis(2-Chloroethyl)ether    | 6.61 | 93  | 51480  | 6.628  | ng | 95   |
| 12) 1,3-Dichlorobenzene        | 6.82 | 146 | 57872  | 6.643  | ng | 97   |
| 13) 1,4-Dichlorobenzene        | 6.90 | 146 | 60875  | 6.904  | ng | 95   |
| 14) 1,2-Dichlorobenzene        | 7.05 | 146 | 56344  | 6.911  | ng | 99   |
| 15) Benzyl Alcohol             | 7.02 | 79  | 41959  | 6.104  | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.16 | 45  | 86274  | 6.945  | ng | 96   |
| 17) 2-Methylphenol             | 7.13 | 107 | 41957  | 6.497  | ng | 97   |
| 18) Hexachloroethane           | 7.40 | 117 | 13704  | 4.714  | ng | 90   |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70  | 35297  | 5.778  | ng | 95   |
| 20) 3+4-Methylphenols          | 7.27 | 107 | 52985  | 6.484  | ng | 97   |
| 22) Acetophenone               | 7.29 | 105 | 74087  | 7.249  | ng | # 97 |
| 24) Nitrobenzene               | 7.46 | 77  | 52257  | 8.009  | ng | 94   |
| 25) Isophorone                 | 7.70 | 82  | 90507  | 6.794  | ng | 100  |
| 26) 2-Nitrophenol              | 7.78 | 139 | 21970  | 11.756 | ng | 93   |
| 27) 2,4-Dimethylphenol         | 7.81 | 122 | 42587  | 7.131  | ng | 99   |
| 28) bis(2-Chloroethoxy)methane | 7.91 | 93  | 60742  | 6.971  | ng | 98   |
| 29) 2,4-Dichlorophenol         | 8.02 | 162 | 38710  | 6.790  | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 8.10 | 180 | 42934  | 6.962  | ng | 97   |
| 31) Naphthalene                | 8.19 | 128 | 142676 | 7.068  | ng | 99   |
| 32) Benzoic acid               | 7.86 | 122 | 7805   | 10.744 | ng | 92   |
| 34) Hexachlorobutadiene        | 8.30 | 225 | 23961  | 6.535  | ng | 95   |
| 35) Caprolactam                | 8.56 | 113 | 6796   | 3.474  | ng | 95   |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 35139  | 5.739  | ng | 94   |
| 37) 2-Methylnaphthalene        | 8.87 | 142 | 90014  | 6.716  | ng | 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.04 | 216 | 39478  | 7.580  | ng | # 96 |
| 42) 2,4,6-Trichlorophenol      | 9.15 | 196 | 24310  | 7.365  | ng | 93   |
| 43) 2,4,5-Trichlorophenol      | 9.19 | 196 | 22676  | 6.631  | ng | 96   |
| 45) 1,1'-Biphenyl              | 9.34 | 154 | 102471 | 7.545  | ng | 99   |

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 Sample : I6364-02MS 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

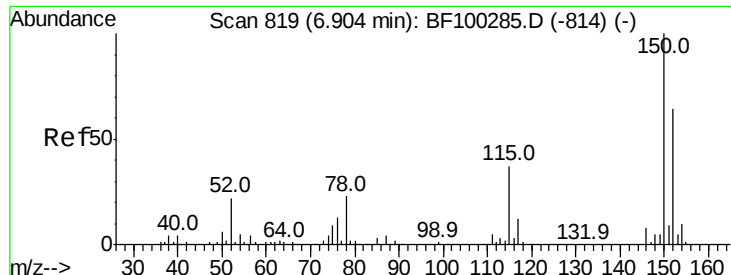
Instrument :  
 BNA\_F  
 ClientSampleId :  
 N-P001-001-0001-01MS

Quant Time: Nov 14 15:39:42 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 14 14:17:16 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 46) 2-Chloronaphthalene        | 9.36  | 162  | 77225    | 7.838  | nq    | 95       |
| 47) 2-Nitroaniline             | 9.46  | 65   | 21930    | 9.879  | nq    | 96       |
| 48) Acenaphthylene             | 9.78  | 152  | 109404   | 6.700  | nq    | 98       |
| 49) Dimethylphthalate          | 9.63  | 163  | 94493    | 7.881  | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.70  | 165  | 14653    | 6.174  | nq    | 90       |
| 51) Acenaphthene               | 9.95  | 154  | 66236    | 6.670  | nq    | 97       |
| 52) 3-Nitroaniline             | 9.86  | 138  | 9996     | 3.567  | nq    | 91       |
| 53) 2,4-Dinitrophenol          | 9.97  | 184  | 334      | 8.260  | nq #  | 22       |
| 54) Dibenzofuran               | 10.12 | 168  | 97953    | 7.037  | nq    | 99       |
| 55) 4-Nitrophenol              | 10.02 | 139  | 23396    | 10.281 | nq    | 91       |
| 56) 2,4-Dinitrotoluene         | 10.10 | 165  | 16916    | 5.650  | nq #  | 92       |
| 57) Fluorene                   | 10.47 | 166  | 72460    | 7.106  | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.24 | 232  | 16459    | 5.872  | nq #  | 88       |
| 59) Diethylphthalate           | 10.33 | 149  | 78865    | 6.573  | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.46 | 204  | 36451    | 7.287  | nq    | 91       |
| 61) 4-Nitroaniline             | 10.47 | 138  | 11425    | 4.299  | nq    | 90       |
| 62) Azobenzene                 | 10.62 | 77   | 73245    | 6.481  | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.50 | 198  | 477      | 8.868  | nq    | 79       |
| 65) n-Nitrosodiphenylamine     | 10.57 | 169  | 63338    | 6.987  | nq    | 95       |
| 66) 4-Bromophenyl-phenylether  | 10.95 | 248  | 20528    | 7.345  | nq    | 90       |
| 67) Hexachlorobenzene          | 11.02 | 284  | 20672    | 7.072  | nq #  | 85       |
| 68) Atrazine                   | 11.09 | 200  | 18299    | 6.669  | nq    | 98       |
| 69) Pentachlorophenol          | 11.20 | 266  | 20276    | 9.674  | nq    | 97       |
| 70) Phenanthrene               | 11.43 | 178  | 99862    | 7.275  | nq    | 96       |
| 71) Anthracene                 | 11.48 | 178  | 100828   | 7.240  | nq    | 97       |
| 72) Carbazole                  | 11.63 | 167  | 91779    | 7.142  | nq    | 97       |
| 73) Di-n-butylphthalate        | 11.96 | 149  | 111976   | 7.446  | nq    | 98       |
| 74) Fluoranthene               | 12.62 | 202  | 112654   | 7.744  | nq    | 97       |
| 77) Pvrene                     | 12.84 | 202  | 118765   | 6.240  | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.46 | 149  | 52359    | 6.745  | nq    | 98       |
| 80) Benzo(a)anthracene         | 14.03 | 228  | 112574   | 7.001  | nq    | 98       |
| 82) Chrysene                   | 14.07 | 228  | 108535   | 6.970  | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 79479    | 7.785  | nq    | 98       |
| 84) Di-n-octyl phthalate       | 14.63 | 149  | 129396   | 7.378  | nq #  | 96       |
| 85) Indeno(1,2,3-cd)pvrene     | 17.00 | 276  | 67103    | 5.328  | nq    | 94       |
| 87) Benzo(b)fluoranthene       | 15.11 | 252  | 79014    | 6.860  | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 15.11 | 252  | 79014    | 7.261  | nq    | 100      |
| 89) Benzo(a)pyrene             | 15.45 | 252  | 68053    | 6.665  | nq #  | 95       |
| 90) Dibenzo(a,h)anthracene     | 17.02 | 278  | 56555    | 6.773  | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.44 | 276  | 54819    | 6.706  | nq    | 97       |

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



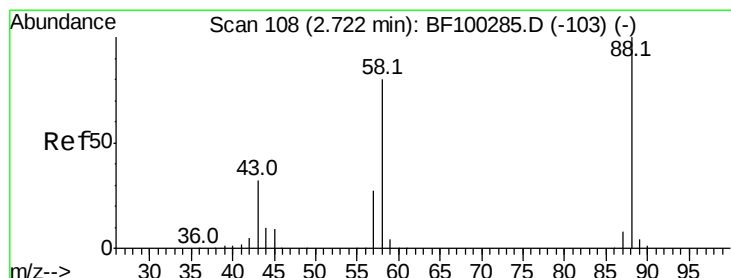
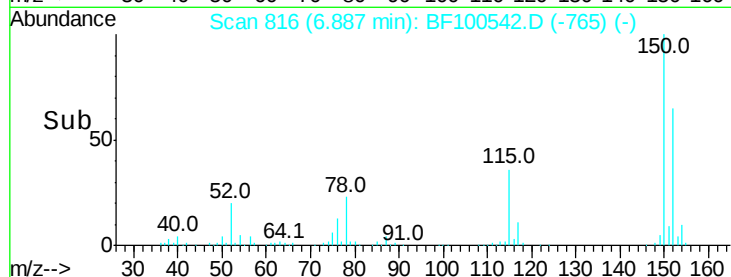
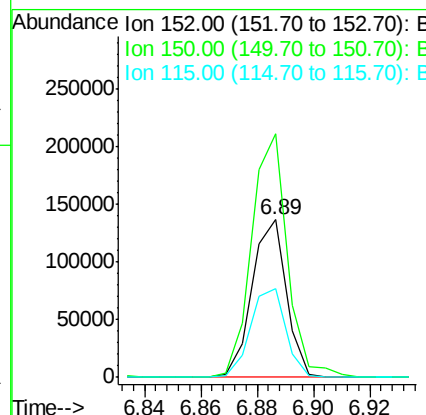
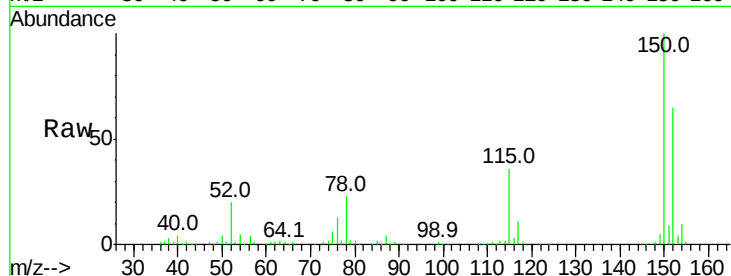


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 816  
Delta R.T. -0.00 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

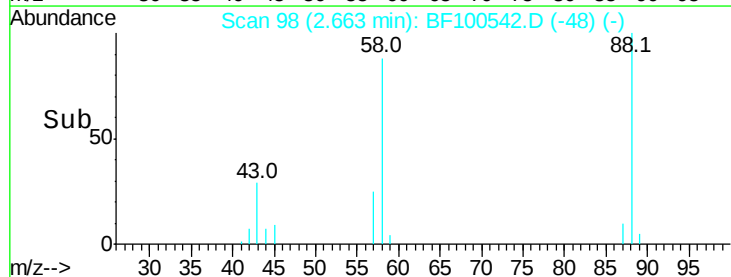
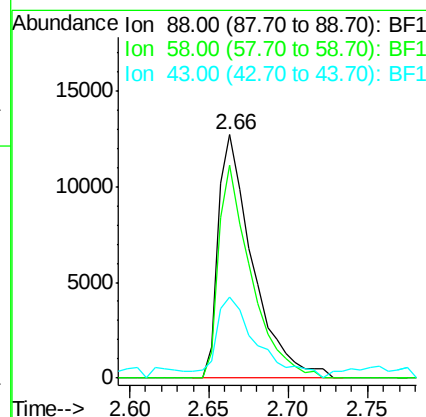
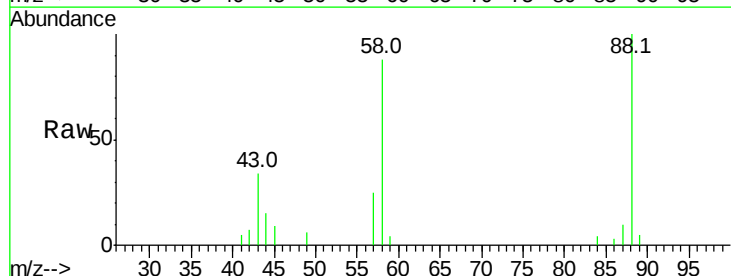
Tot Ion:152 Resp: 114500  
Ion Ratio Lower Upper  
152 100  
150 154.8 124.6 186.8  
115 56.1 50.1 75.1

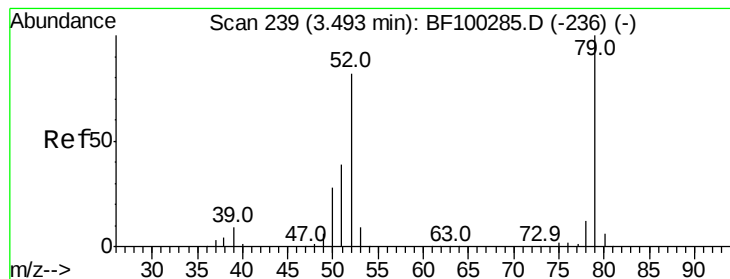


#2

1,4-Dioxane  
Concen: 5.514 ng  
RT: 2.66 min Scan# 98  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion: 88 Resp: 19193  
Ion Ratio Lower Upper  
88 100  
58 82.3 62.6 93.8  
43 38.9 24.6 37.0#





#3

Pvridine

Concen: 2.275 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.06 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Instrument :

BNA\_F

ClientSampleId :

N-P001-001-0001-01MS

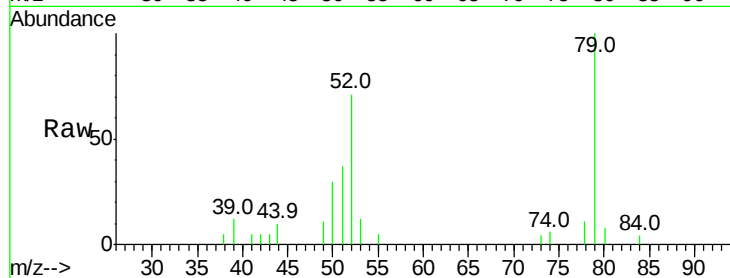
Tot Ion: 79 Resp: 21610

Ion Ratio Lower Upper

79 100

52 70.5 59.8 89.6

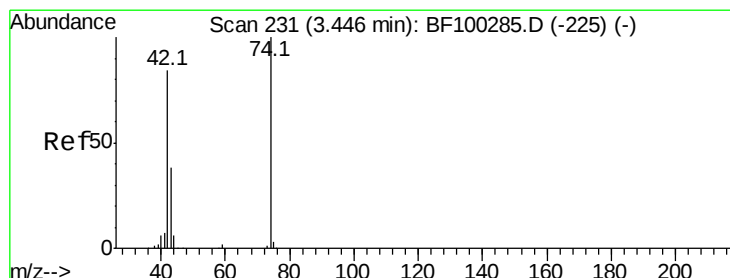
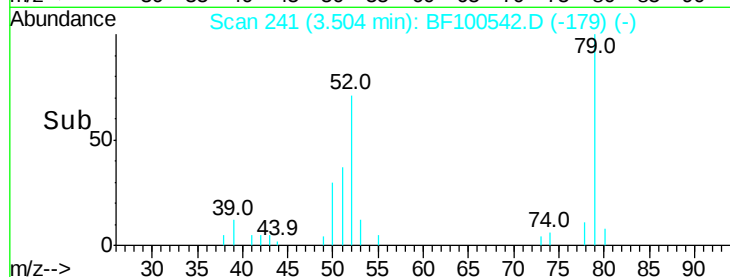
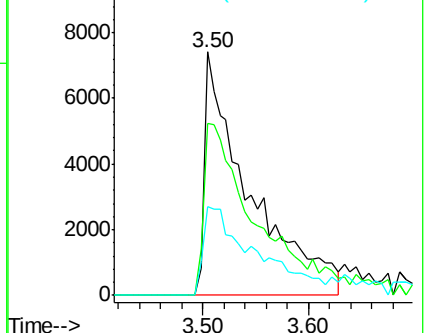
51 36.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 5.848 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.02 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

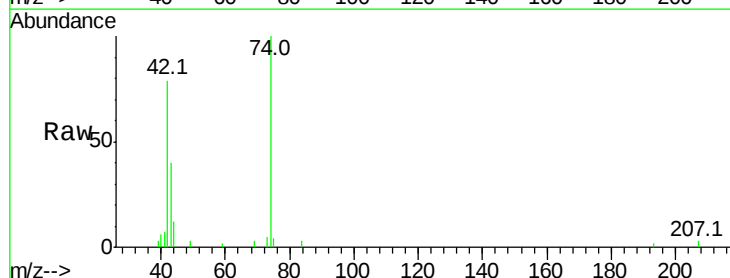
Tgt Ion: 42 Resp: 26964

Ion Ratio Lower Upper

42 100

74 126.2 104.9 157.3

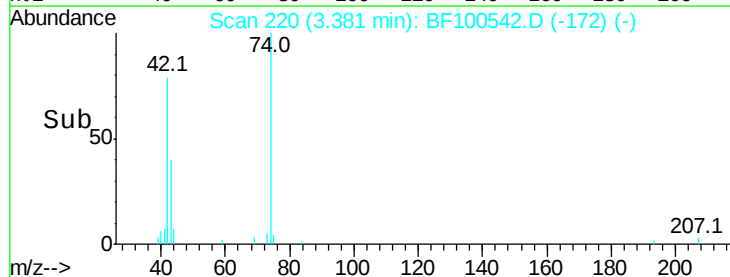
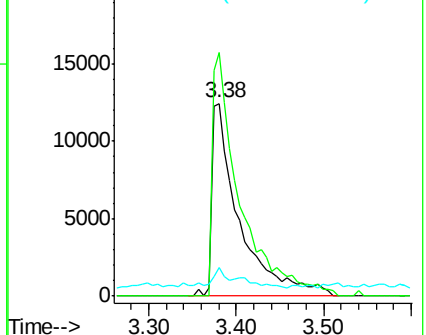
44 15.0 6.9 10.3#

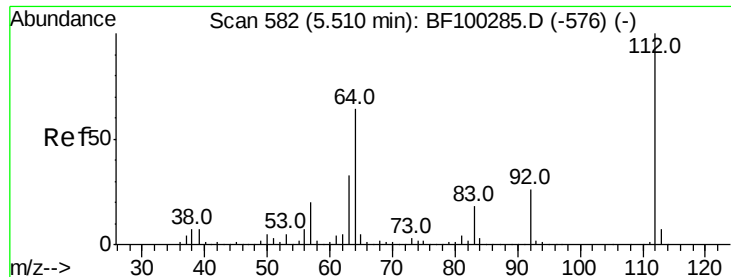


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 20.897 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Instrument :

BNA\_F

ClientSampleId :

N-P001-001-0001-01MS

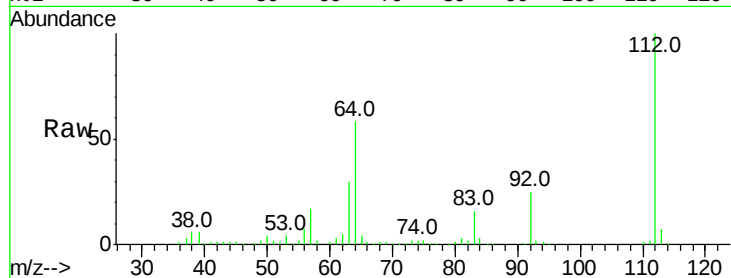
Tot Ion: 112 Resp: 149269

Ion Ratio Lower Upper

112 100

64 57.6 47.9 71.9

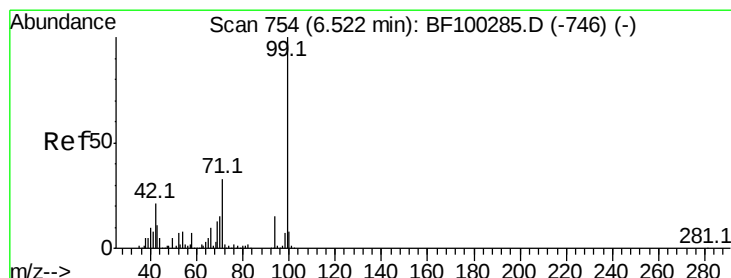
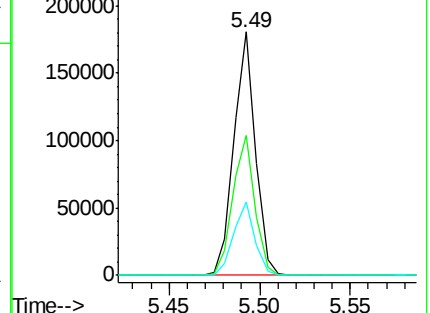
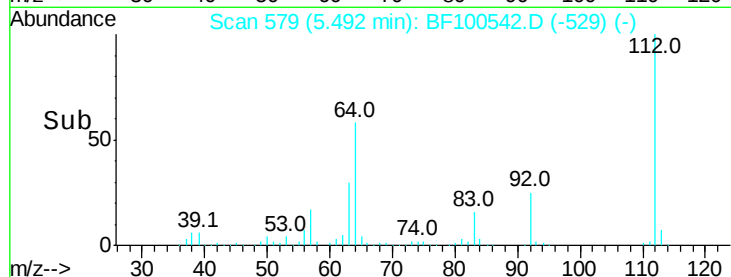
63 29.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 19.673 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

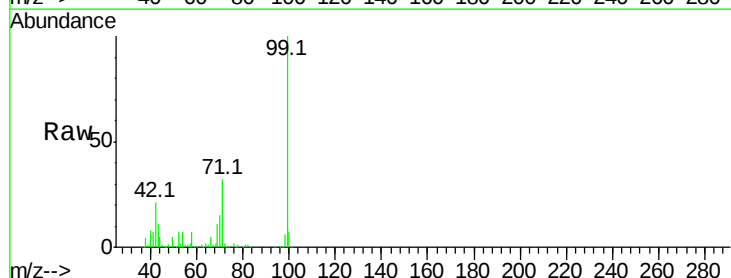
Tgt Ion: 99 Resp: 173283

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

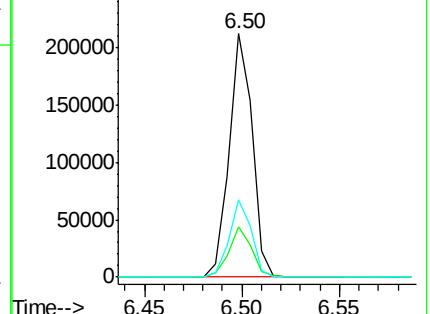
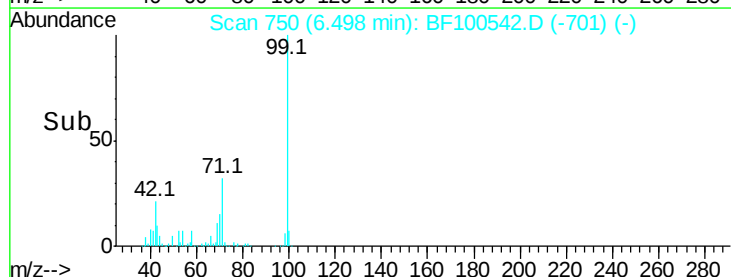
71 31.8 25.4 38.0

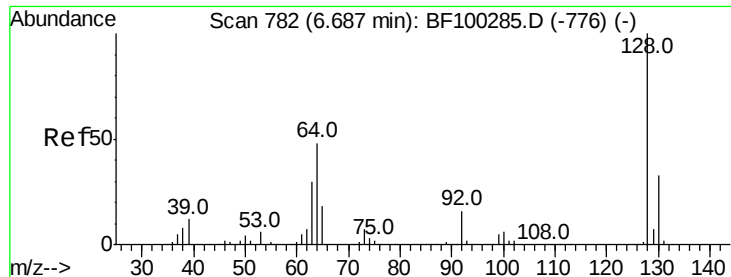


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 6.758 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF100542.D

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Instrument :

BNA\_F

ClientSampleId :

N-P001-001-0001-01MS

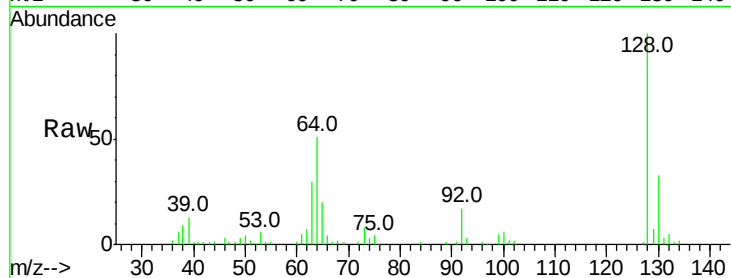
Tot Ion:128 Resp: 51065

Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

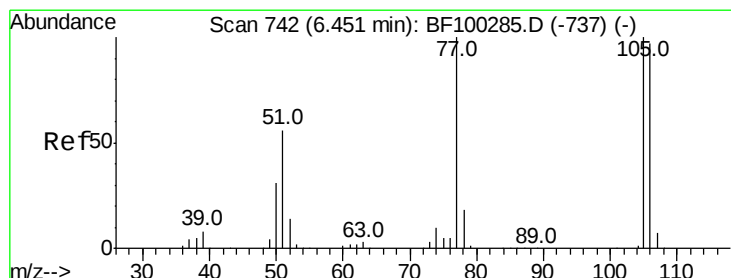
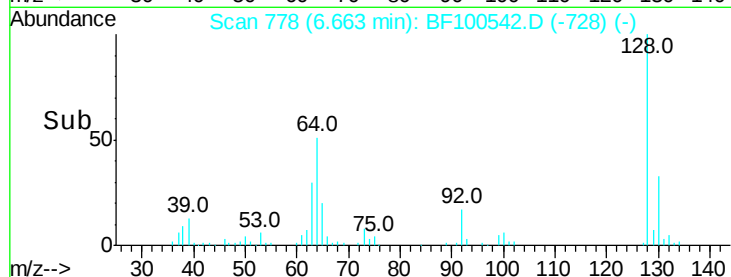
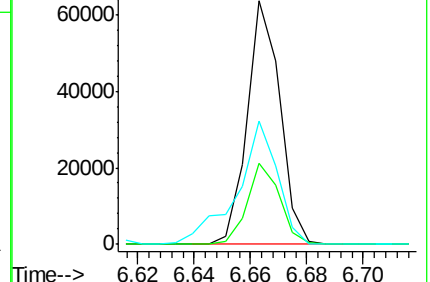
64 50.9 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 5.159 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

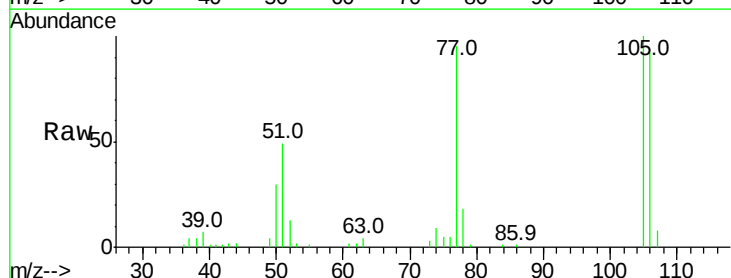
Tgt Ion: 77 Resp: 32452

Ion Ratio Lower Upper

77 100

105 105.2 81.1 121.1

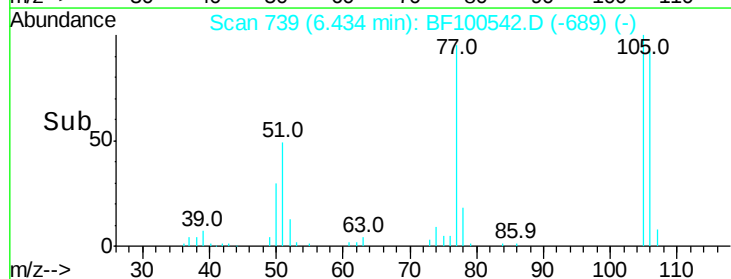
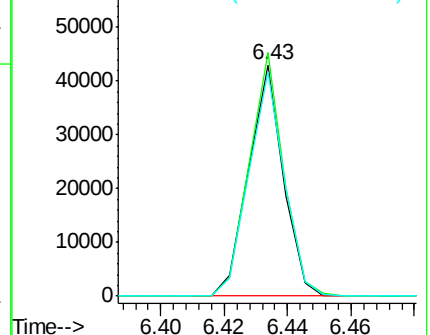
106 97.1 74.5 114.5

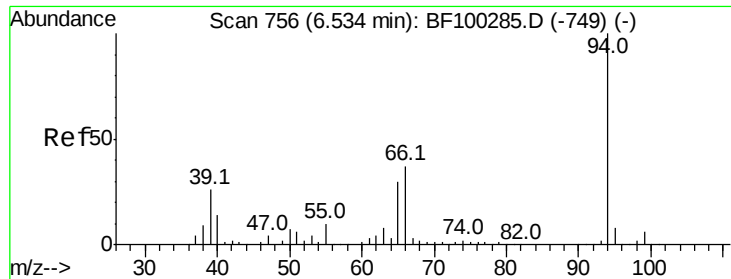


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

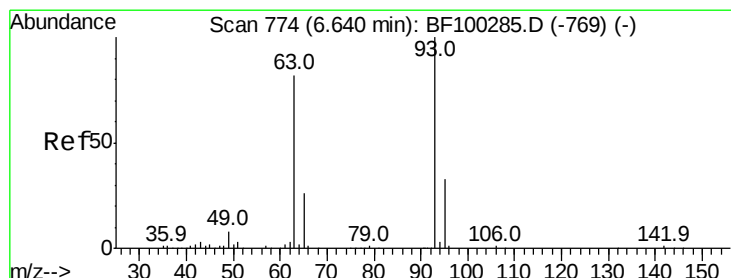
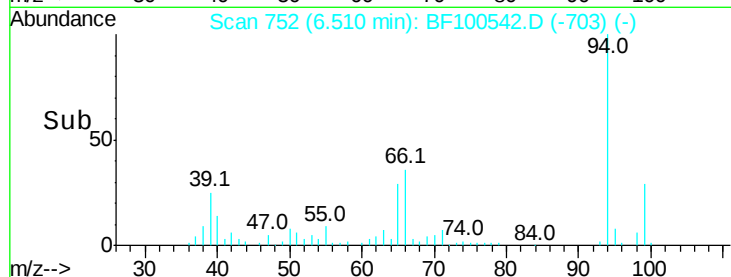
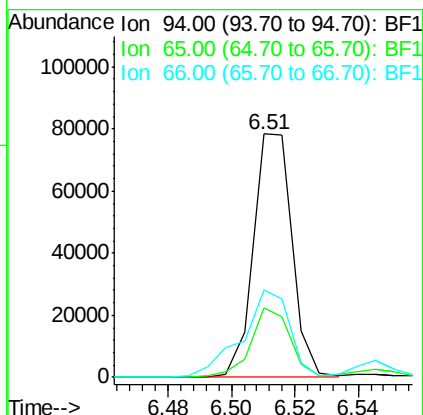
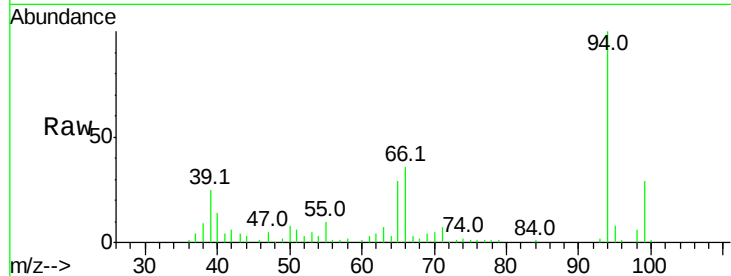




#10  
Phenol  
Concen: 7.200 ng  
RT: 6.51 min Scan# 752  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

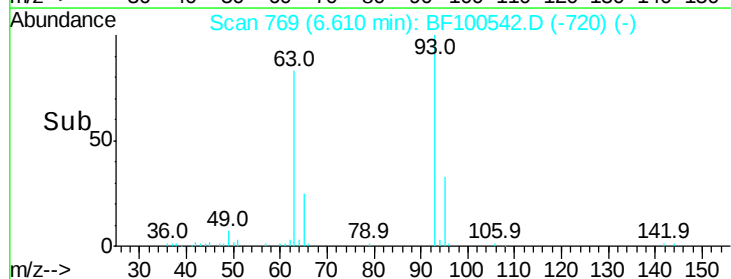
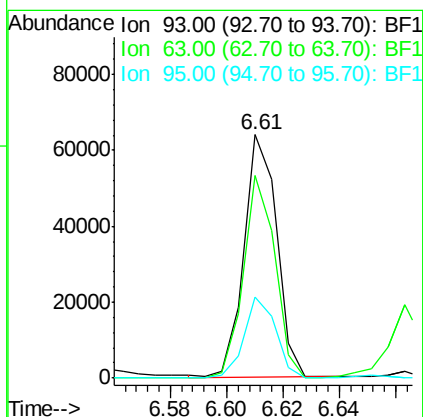
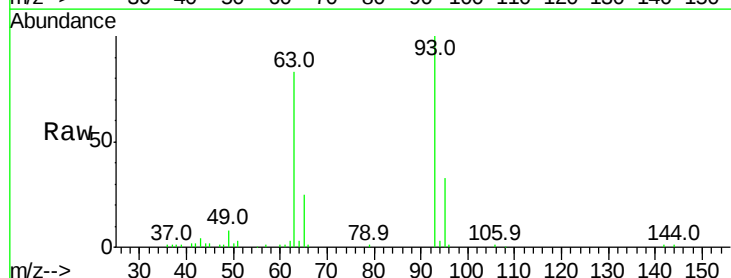
Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

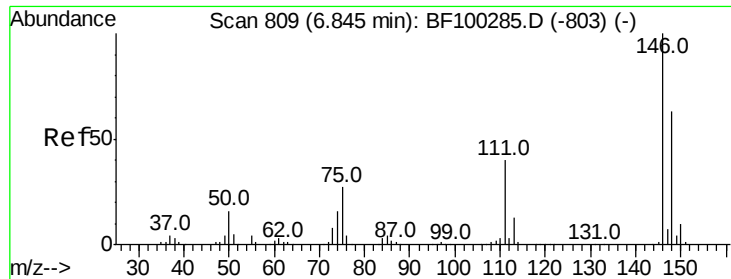
Tot Ion: 94 Resp: 66577  
Ion Ratio Lower Upper  
94 100  
65 28.6 7.9 47.9  
66 36.0 16.2 56.2



#11  
bis(2-Chloroethyl)ether  
Concen: 6.628 ng  
RT: 6.61 min Scan# 769  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion: 93 Resp: 51480  
Ion Ratio Lower Upper  
93 100  
63 83.5 58.6 98.6  
95 33.1 11.8 51.8





#12

1,3-Dichlorobenzene

Concen: 6.643 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Instrument :

BNA\_F

ClientSampleId :

N-P001-001-0001-01MS

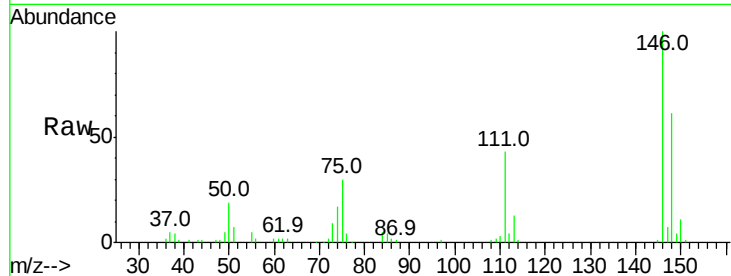
Tot Ion:146 Resp: 57872

Ion Ratio Lower Upper

146 100

148 61.0 51.8 77.8

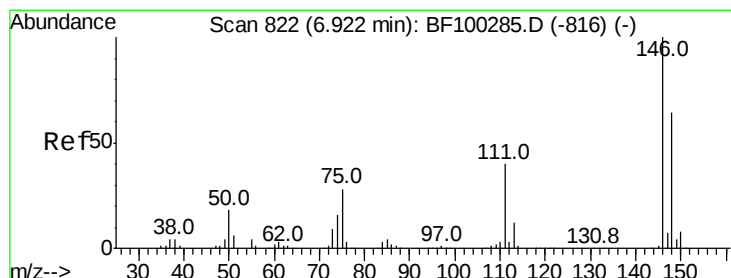
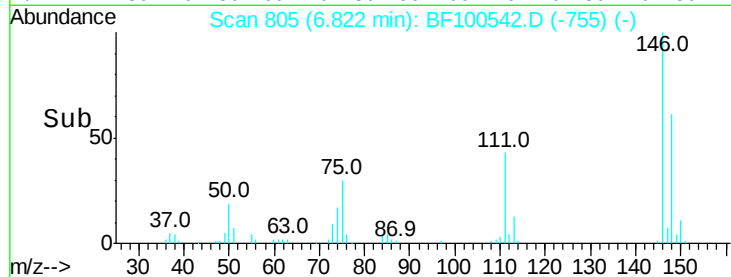
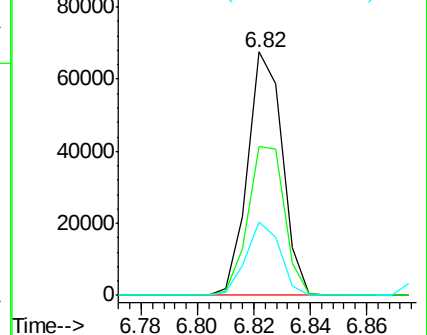
75 30.1 24.2 36.4



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: 6.904 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

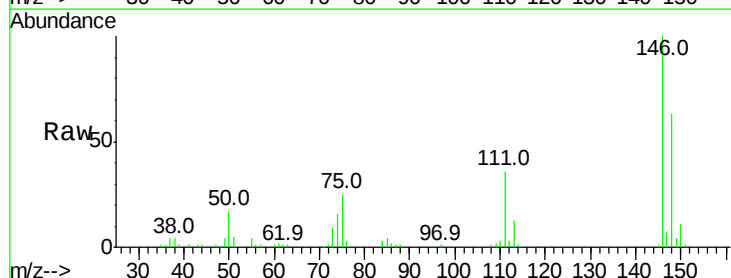
Tgt Ion:146 Resp: 60875

Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

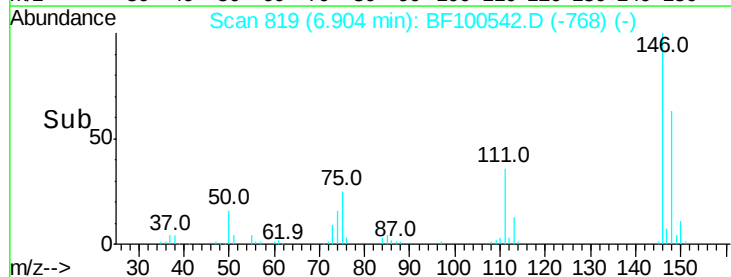
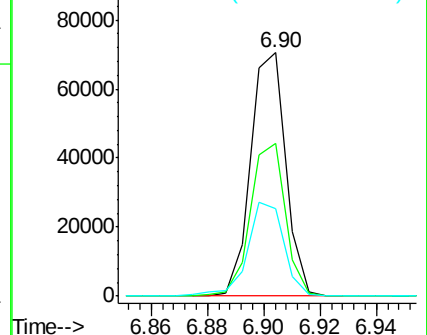
111 35.7 34.2 51.2

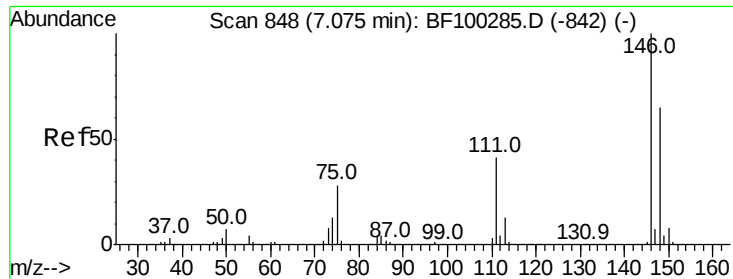


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 6.911 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Instrument :

BNA\_F

ClientSampleId :

N-P001-001-0001-01MS

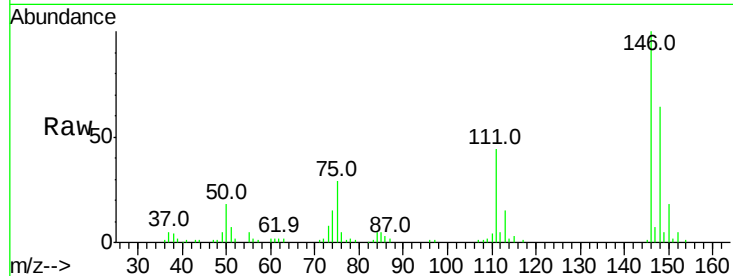
Tot Ion:146 Resp: 56344

Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

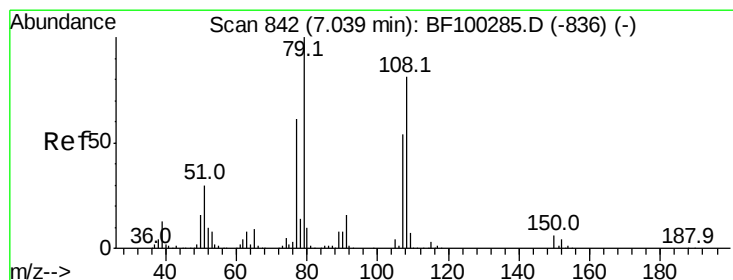
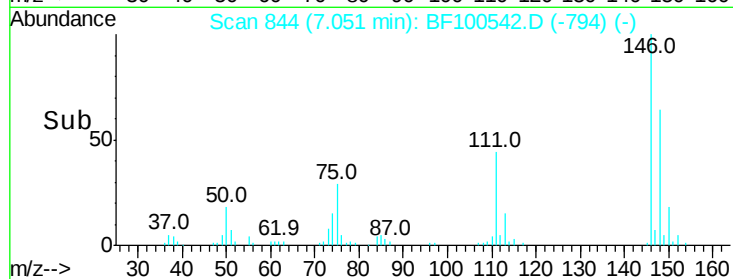
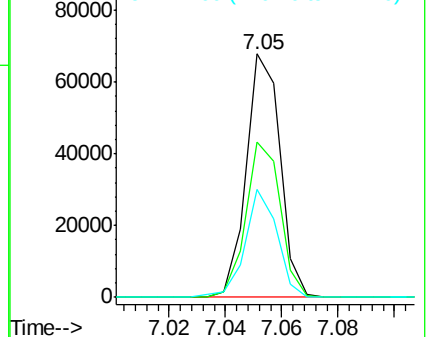
111 44.2 36.0 54.0



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: 6.104 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

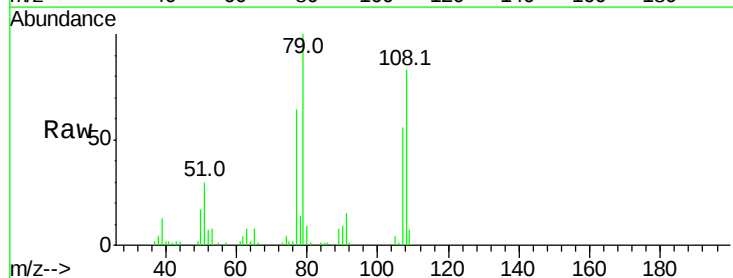
Tgt Ion: 79 Resp: 41959

Ion Ratio Lower Upper

79 100

108 83.0 65.1 97.7

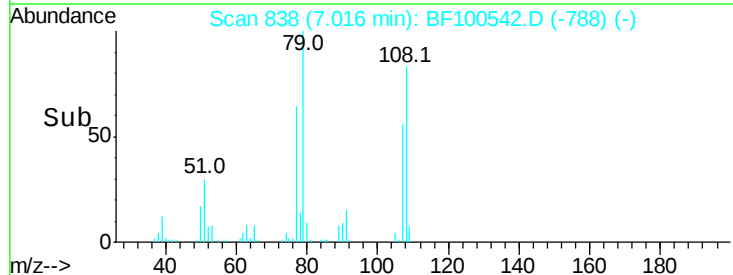
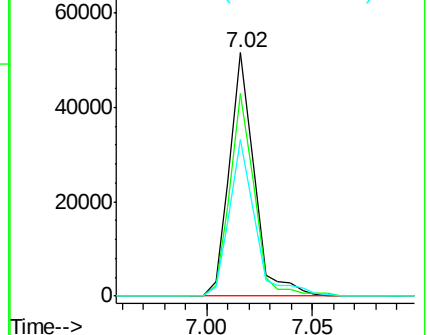
77 64.1 50.6 75.8

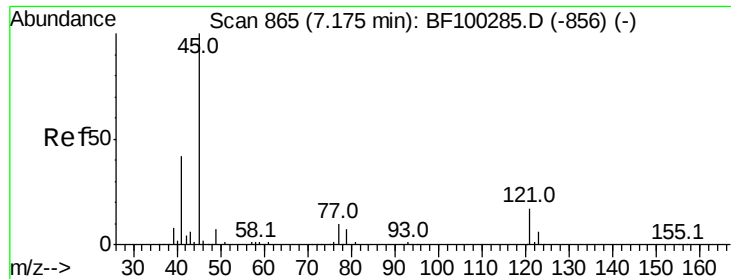


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

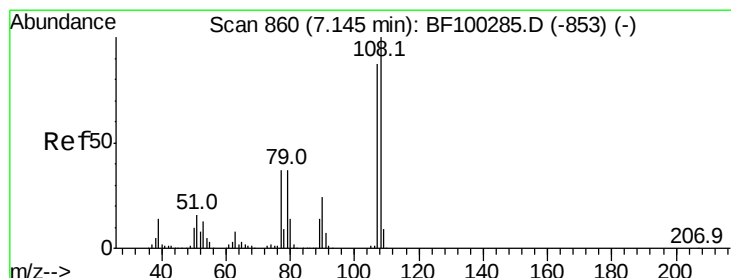
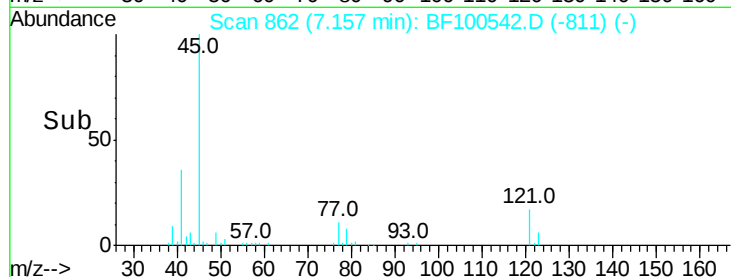
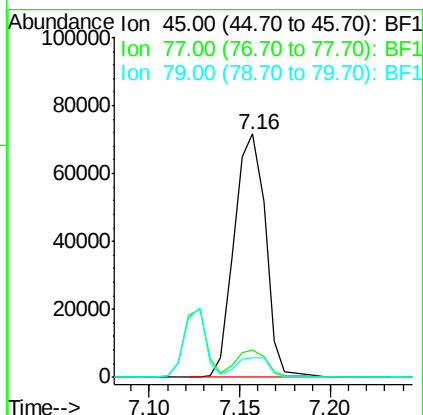
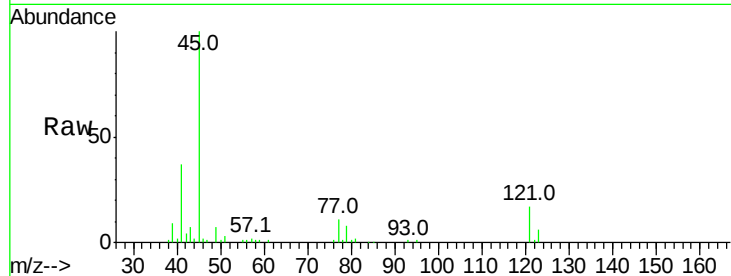




#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 6.945 ng  
RT: 7.16 min Scan# 862  
Delta R.T. -0.00 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

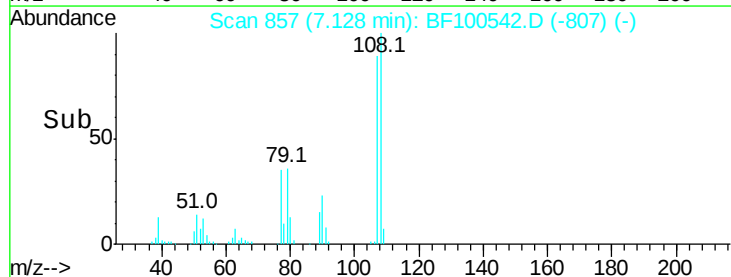
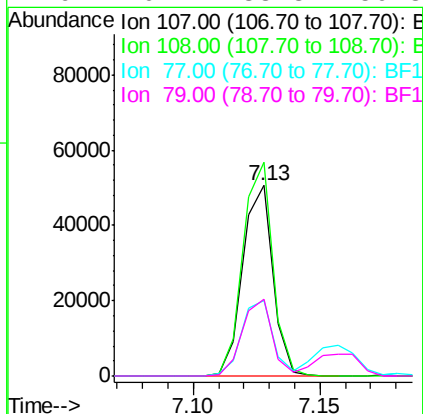
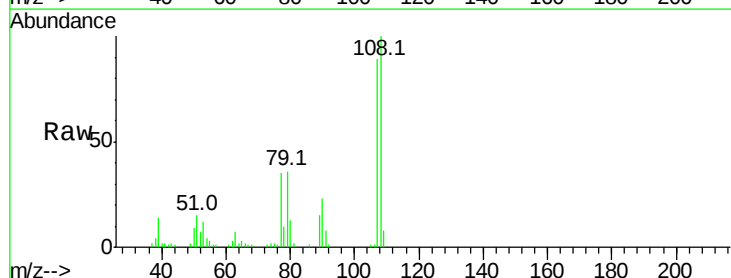
Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

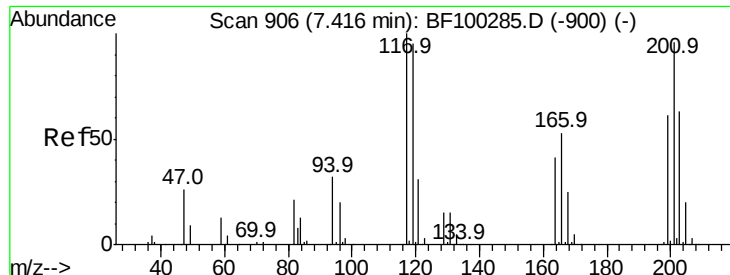
Tot Ion: 45 Resp: 86274  
Ion Ratio Lower Upper  
45 100  
77 11.3 0.0 32.9  
79 8.2 0.0 29.6



#17  
2-Methylphenol  
Concen: 6.497 ng  
RT: 7.13 min Scan# 857  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion:107 Resp: 41957  
Ion Ratio Lower Upper  
107 100  
108 112.1 91.7 137.5  
77 39.5 33.8 50.8  
79 40.4 33.8 50.8

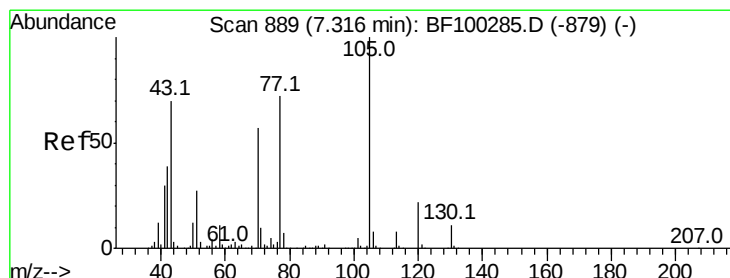
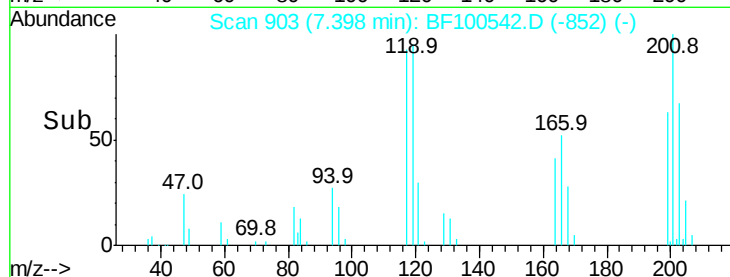
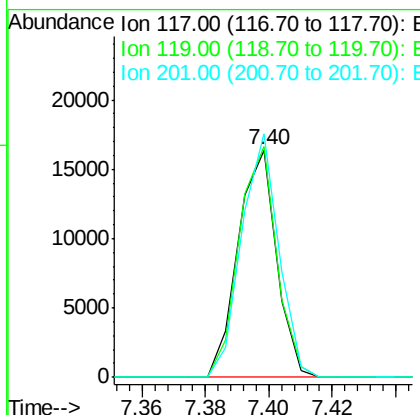
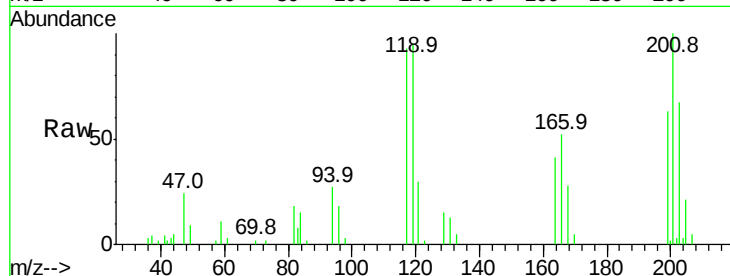




#18  
Hexachloroethane  
Concen: 4.714 ng  
RT: 7.40 min Scan# 903  
Delta R.T. -0.00 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

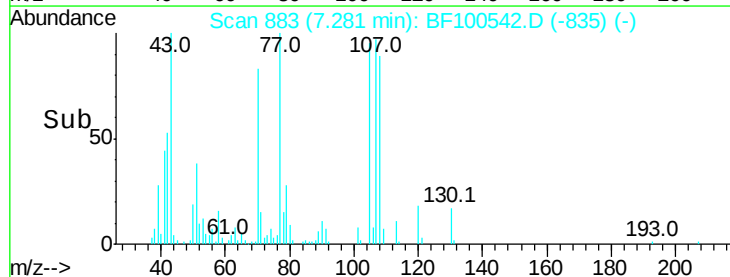
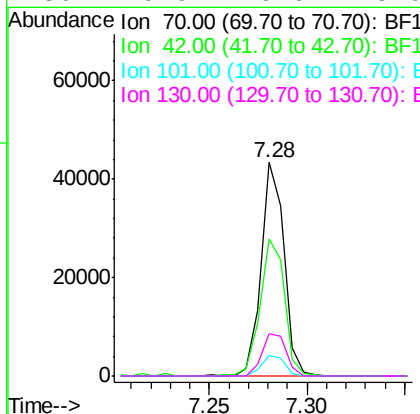
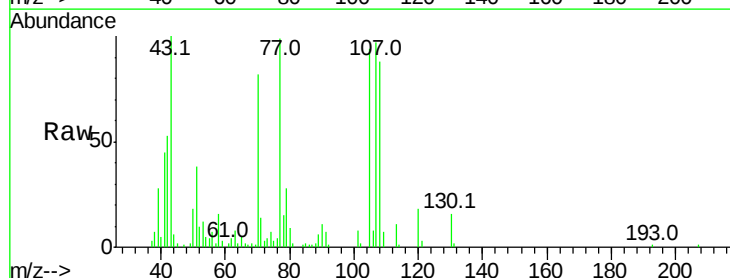
Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

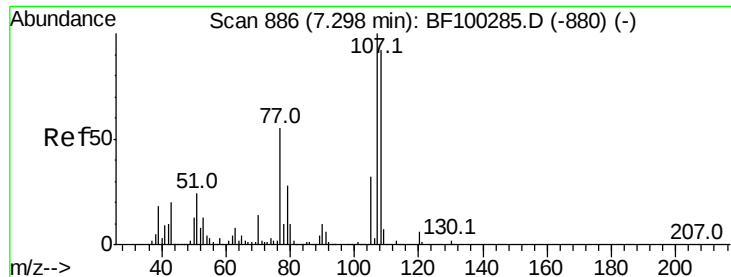
Tot Ion:117 Resp: 13704  
Ion Ratio Lower Upper  
117 100  
119 101.8 75.8 113.8  
201 107.2 75.7 113.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 5.778 ng  
RT: 7.28 min Scan# 883  
Delta R.T. -0.02 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion: 70 Resp: 35297  
Ion Ratio Lower Upper  
70 100  
42 64.1 47.5 71.3  
101 9.6 7.4 11.2  
130 19.9 16.6 25.0





#20

3+4-Methylphenols

Concen: 6.484 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Instrument :

BNA\_F

ClientSampleId :

N-P001-001-0001-01MS

Tot Ion:107 Resp: 52985

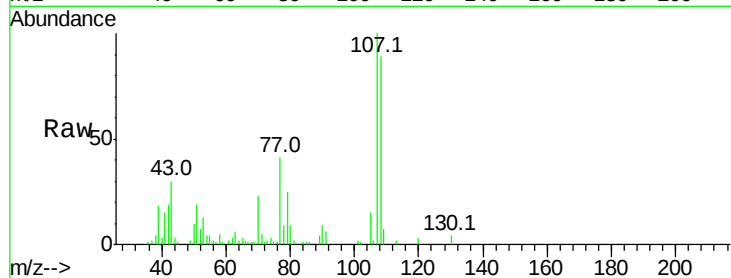
Ion Ratio Lower Upper

107 100

108 88.9 68.2 108.2

77 41.3 26.7 66.7

79 24.5 6.3 46.3



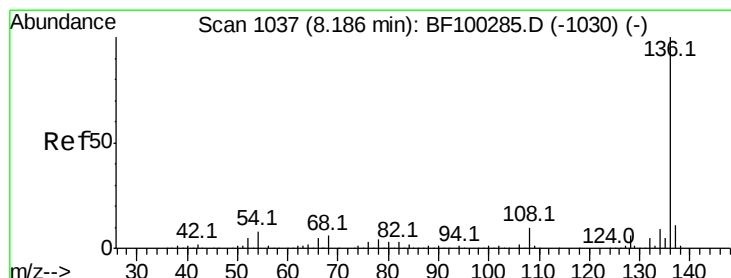
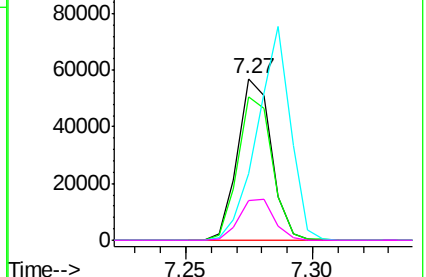
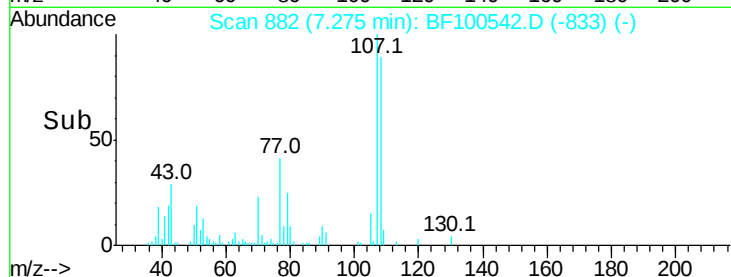
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Tgt Ion:136 Resp: 419126

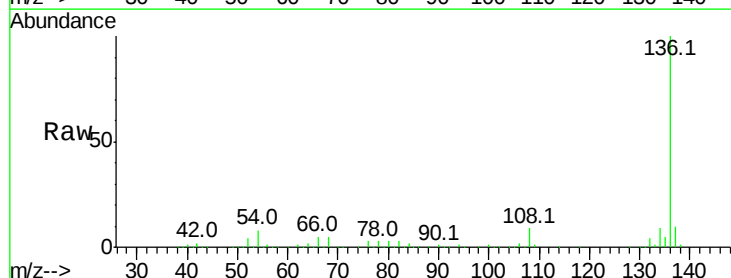
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 7.7 6.6 9.8

68 5.5 5.0 7.4



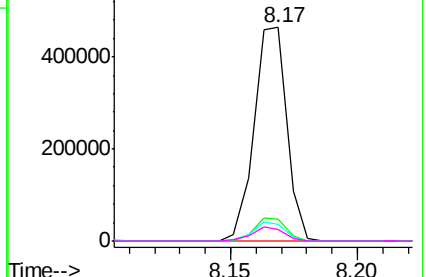
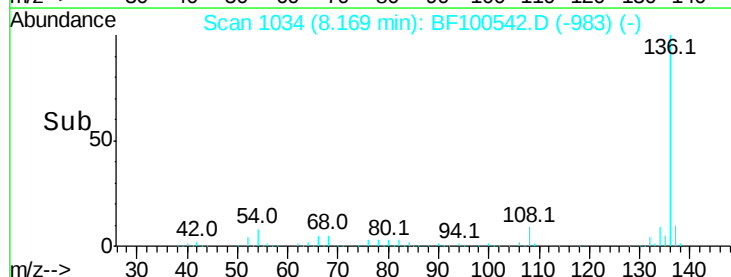
Abundance Ion 136.00 (135.70 to 136.70): E

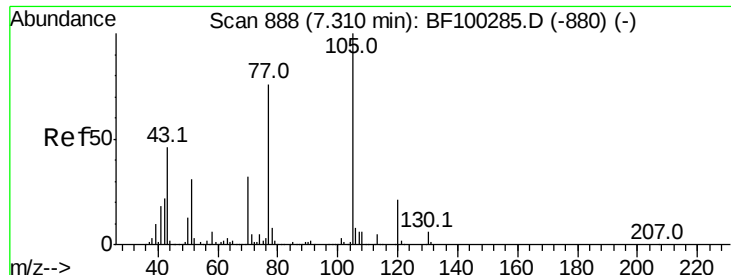
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->





#22

Acetophenone

Concen: 7.249 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Instrument :

BNA\_F

ClientSampleId :

N-P001-001-0001-01MS

Tot Ion:105 Resp: 74087

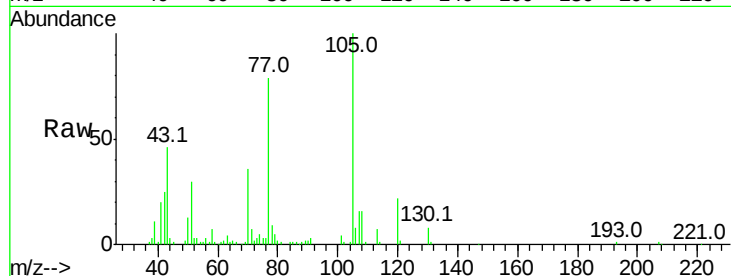
Ion Ratio Lower Upper

105 100

71 6.8 4.4 6.6#

51 30.0 22.3 33.5

120 21.8 16.9 25.3

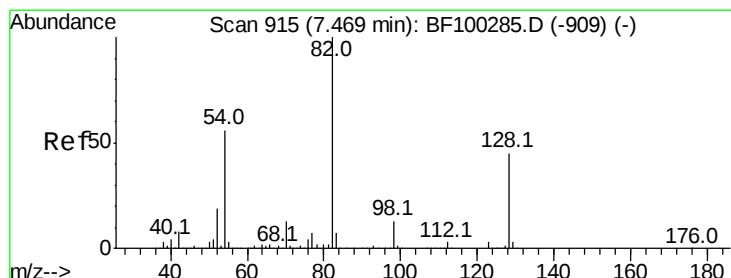
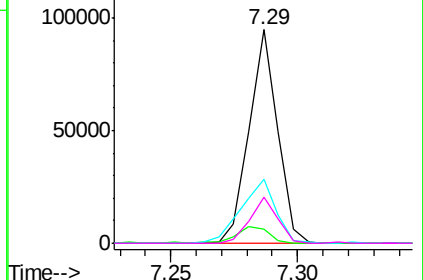
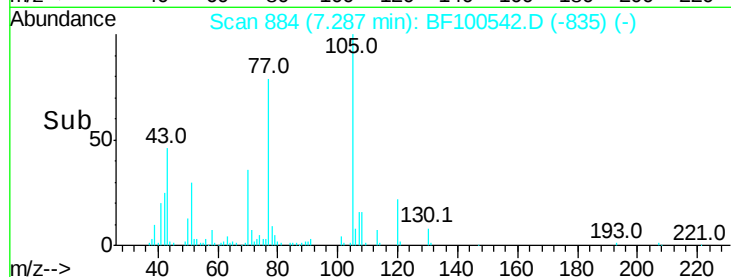


Abundance Ion 105.00 (104.70 to 105.70): E

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: 15.988 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

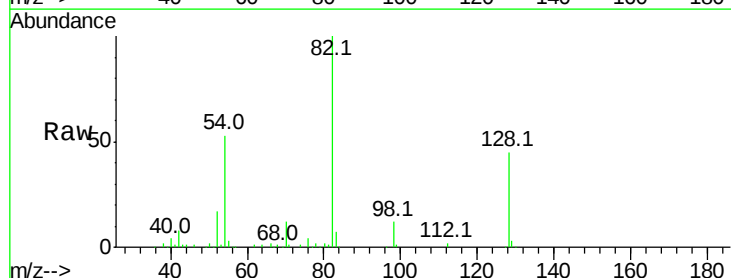
Tgt Ion: 82 Resp: 101353

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

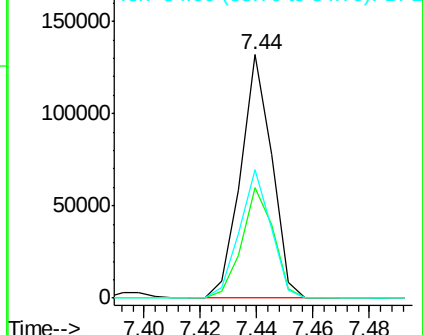
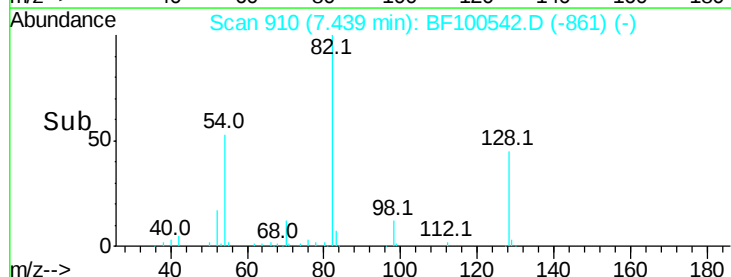
54 52.6 41.4 62.2

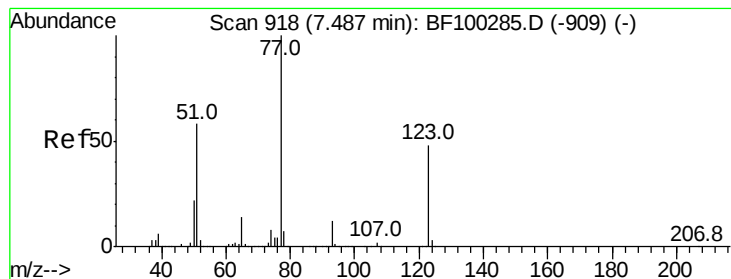


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 8.009 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Instrument :

BNA\_F

ClientSampleId :

N-P001-001-0001-01MS

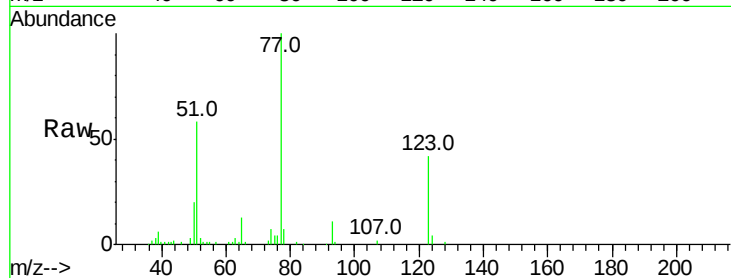
Tot Ion: 77 Resp: 52257

Ion Ratio Lower Upper

77 100

123 42.0 37.9 56.9

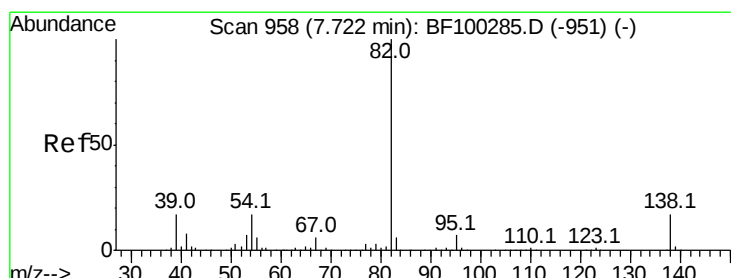
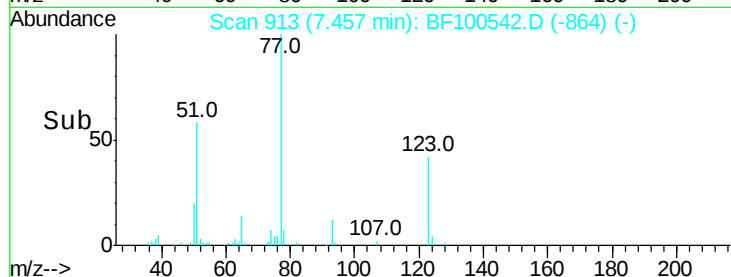
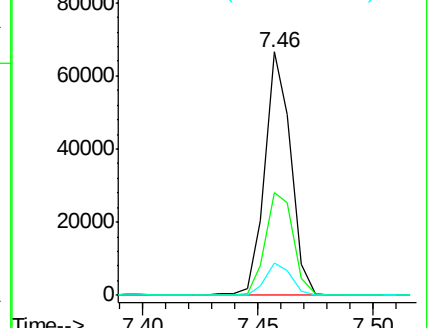
65 13.4 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 6.794 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

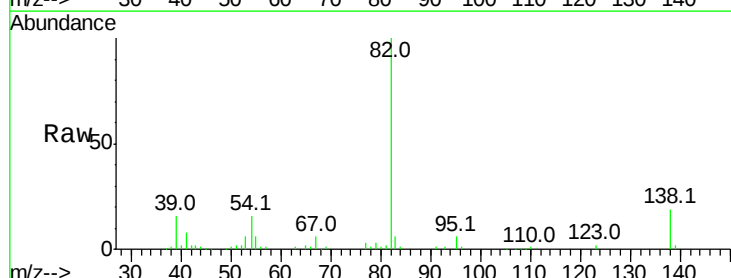
Tgt Ion: 82 Resp: 90507

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

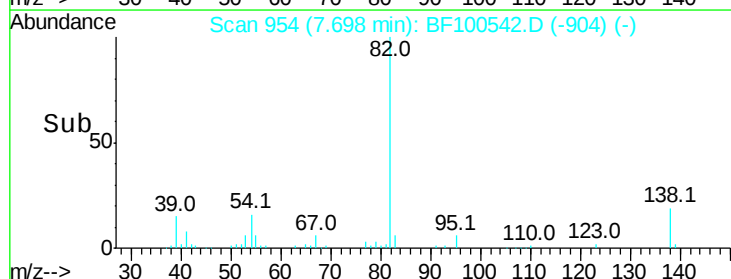
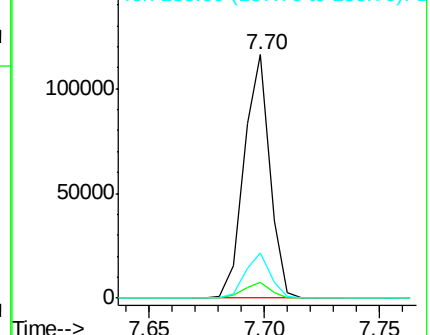
138 18.8 14.9 22.3

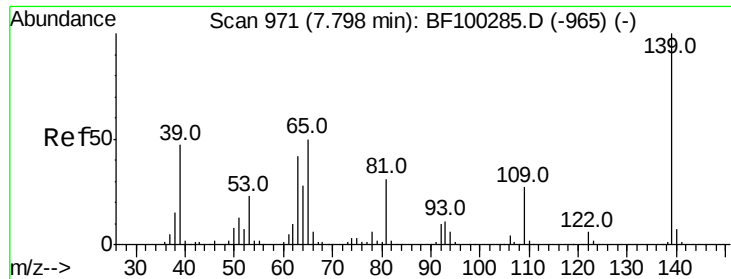


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

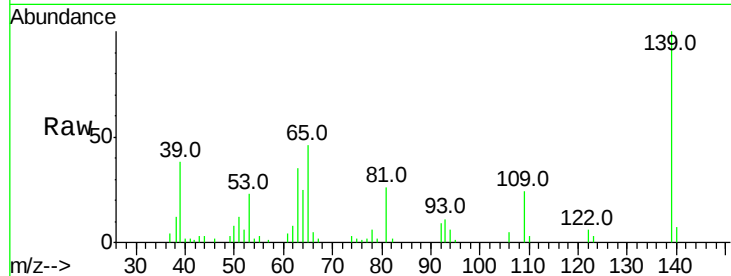




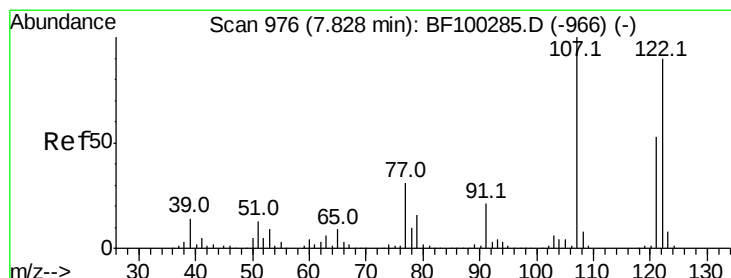
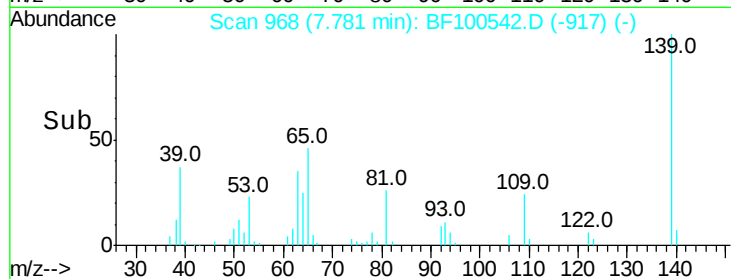
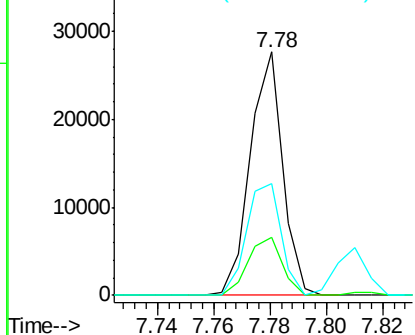
#26  
 2-Nitrophenol  
 Concen: 11.756 ng  
 RT: 7.78 min Scan# 968  
 Delta R.T. -0.00 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 N-P001-001-0001-01MS

Tot Ion:139 Resp: 21970  
 Ion Ratio Lower Upper  
 139 100  
 109 24.0 22.7 34.1  
 65 46.0 40.5 60.7

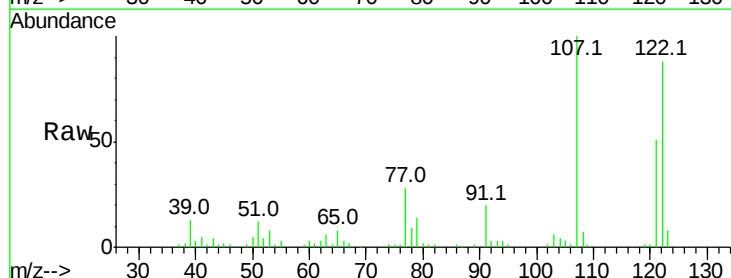


Abundance Ion 139.00 (138.70 to 139.70): E  
 Ion 109.00 (108.70 to 109.70): E  
 Ion 65.00 (64.70 to 65.70): BF1

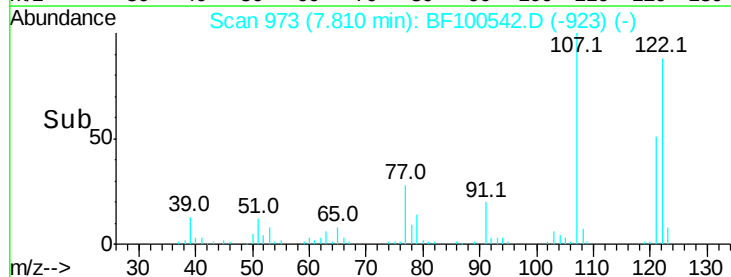
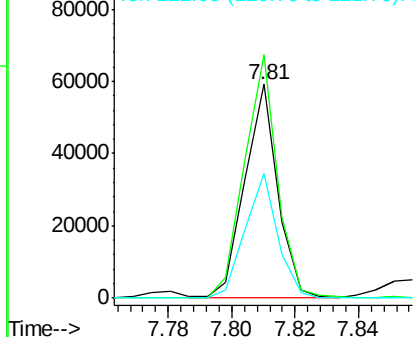


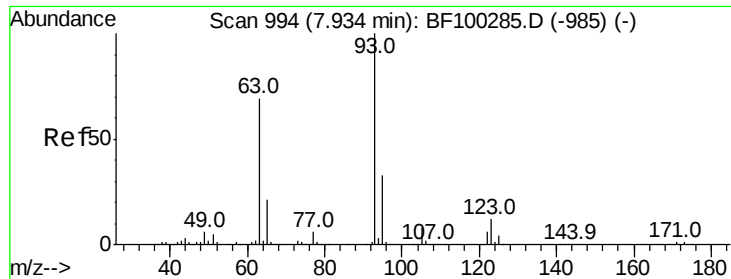
#27  
 2,4-Dimethylphenol  
 Concen: 7.131 ng  
 RT: 7.81 min Scan# 973  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

Tgt Ion:122 Resp: 42587  
 Ion Ratio Lower Upper  
 122 100  
 107 113.8 91.2 136.8  
 121 58.2 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



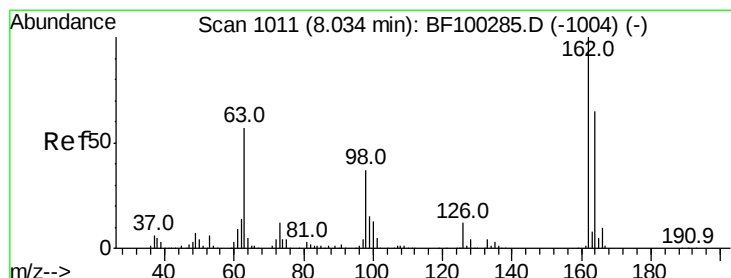
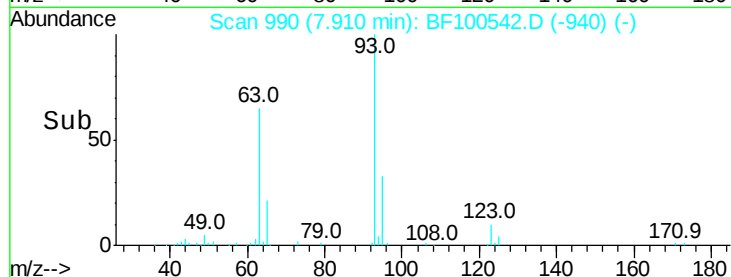
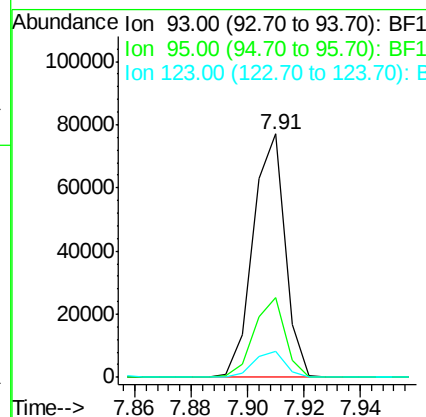
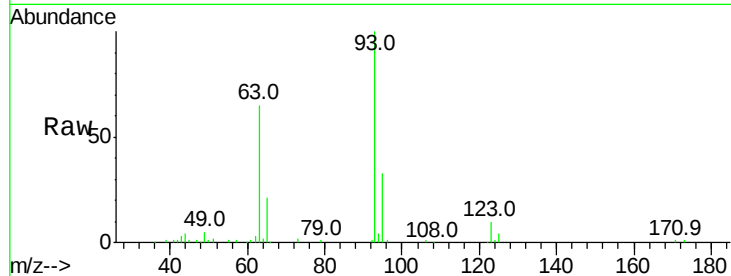


#28  
bis(2-Chloroethoxy)methane  
Concen: 6.971 ng  
RT: 7.91 min Scan# 990  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

Tot Ion: 93 Resp: 60742  

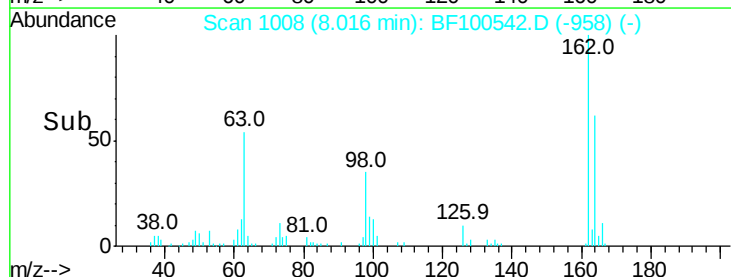
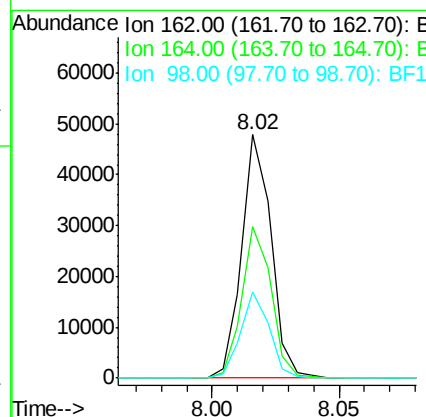
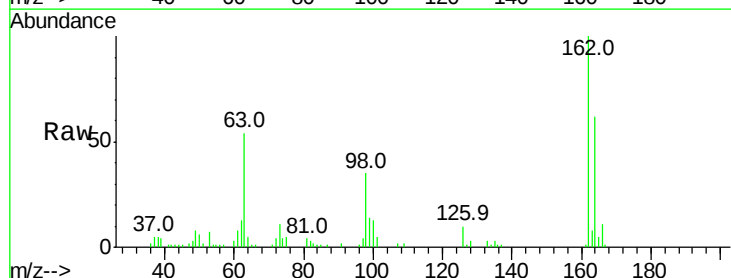
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 32.5  | 26.3  | 39.5  |
| 123 | 10.5  | 9.8   | 14.6  |

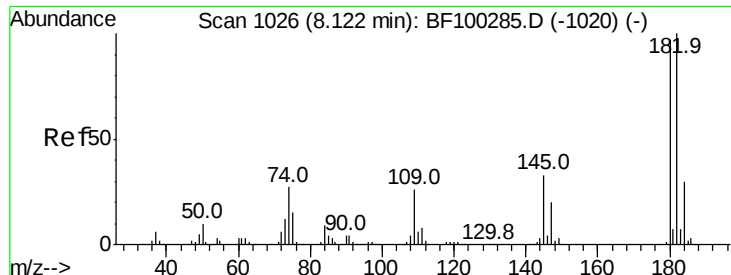


#29  
2,4-Dichlorophenol  
Concen: 6.790 ng  
RT: 8.02 min Scan# 1008  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion: 162 Resp: 38710  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 62.4  | 42.7  | 82.7  |
| 98  | 35.3  | 18.1  | 58.1  |

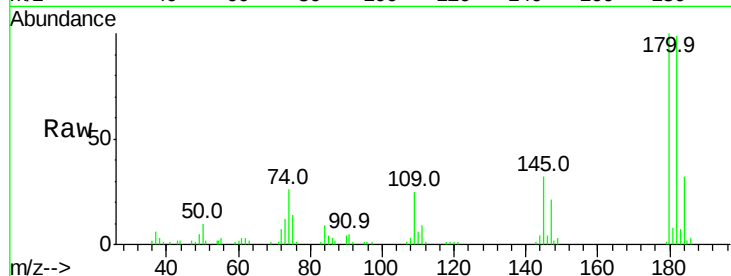




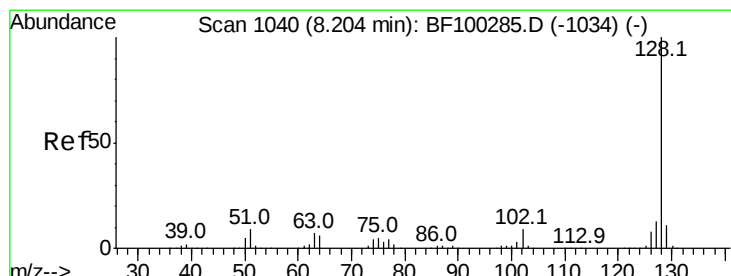
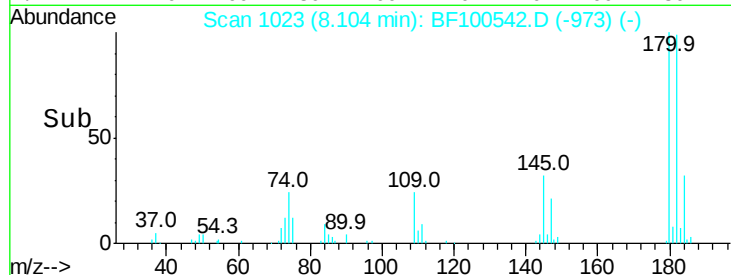
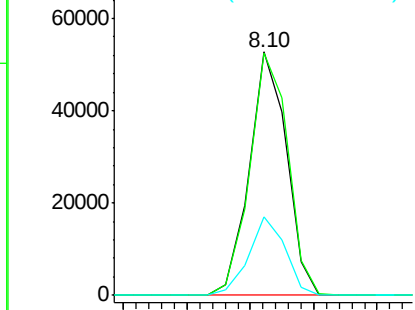
#30  
 1,2,4-Trichlorobenzene  
 Concen: 6.962 ng  
 RT: 8.10 min Scan# 1023  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 N-P001-001-0001-01MS

Tot Ion:180 Resp: 42934  
 Ion Ratio Lower Upper  
 180 100  
 182 99.5 76.8 115.2  
 145 32.1 26.5 39.7

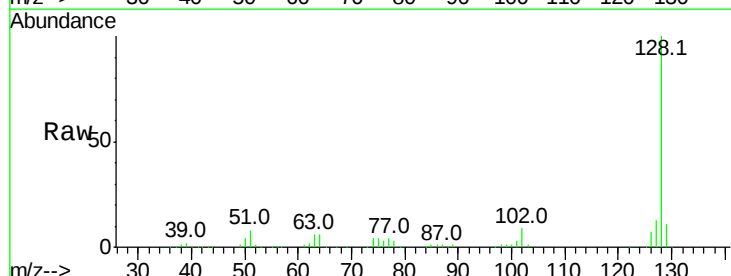


Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

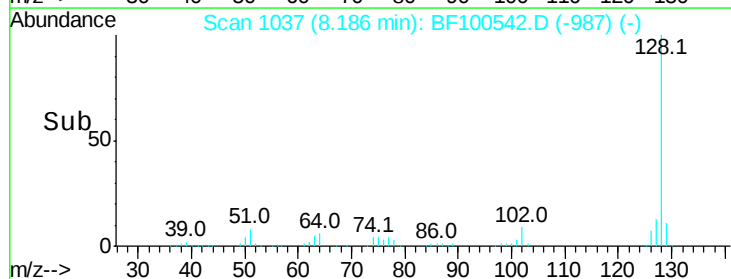
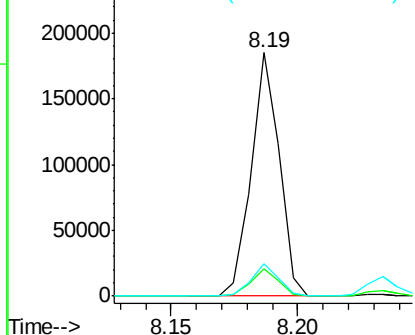


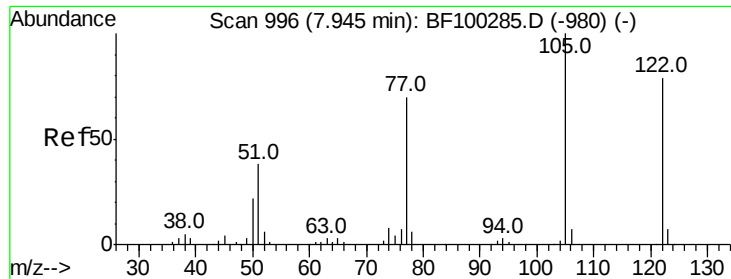
#31  
 Naphthalene  
 Concen: 7.068 ng  
 RT: 8.19 min Scan# 1037  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

Tgt Ion:128 Resp: 142676  
 Ion Ratio Lower Upper  
 128 100  
 129 11.1 8.8 13.2  
 127 13.1 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: 10.744 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.08 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Instrument :

BNA\_F

ClientSampleId :

N-P001-001-0001-01MS

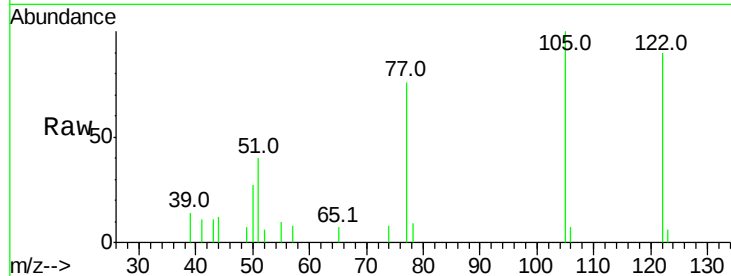
Tot Ion:122 Resp: 7805

Ion Ratio Lower Upper

122 100

105 111.5 101.1 141.1

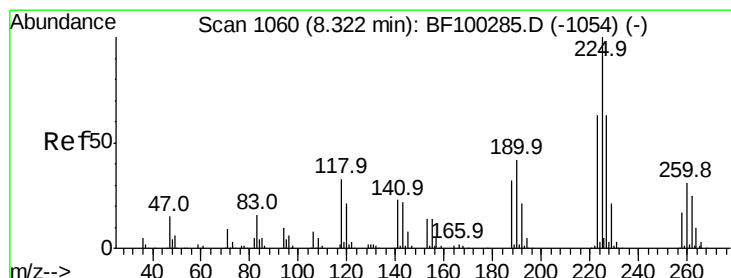
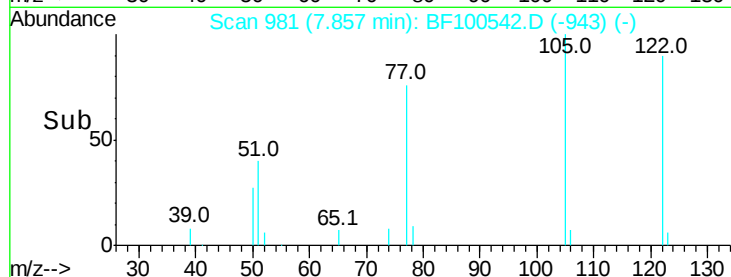
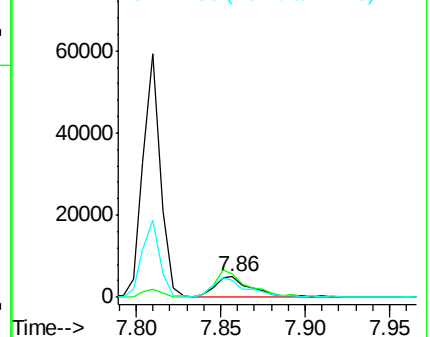
77 84.6 70.7 110.7



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



#34

Hexachlorobutadiene

Concen: 6.535 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

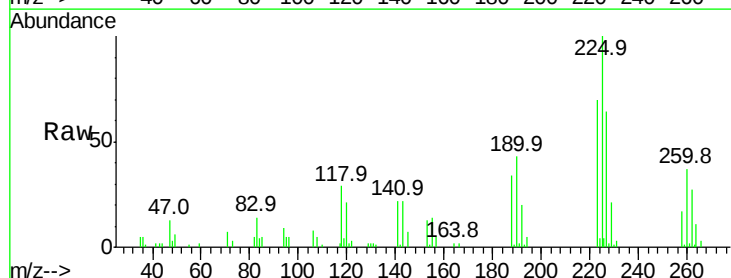
Tgt Ion:225 Resp: 23961

Ion Ratio Lower Upper

225 100

223 70.0 50.6 76.0

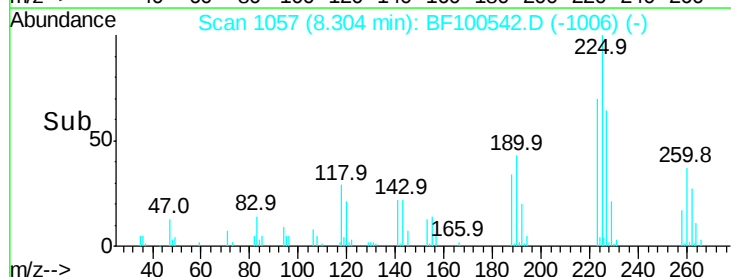
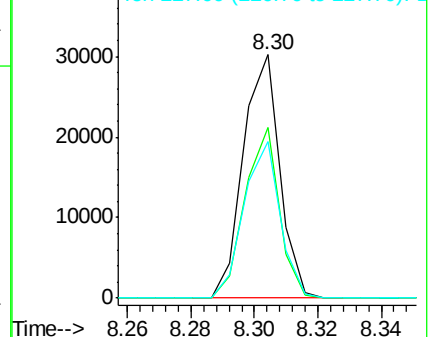
227 64.5 51.9 77.9

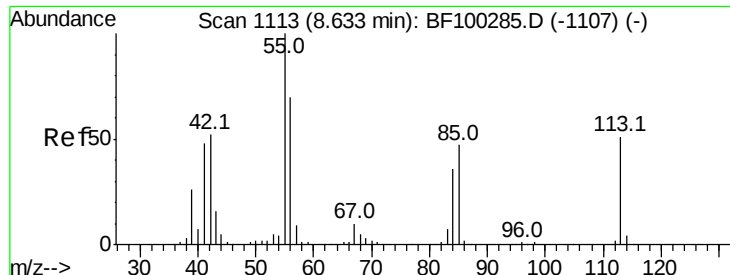


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

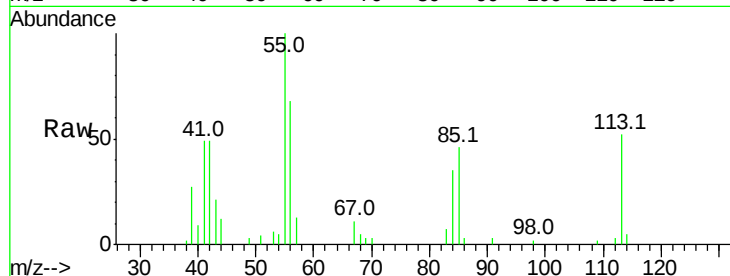




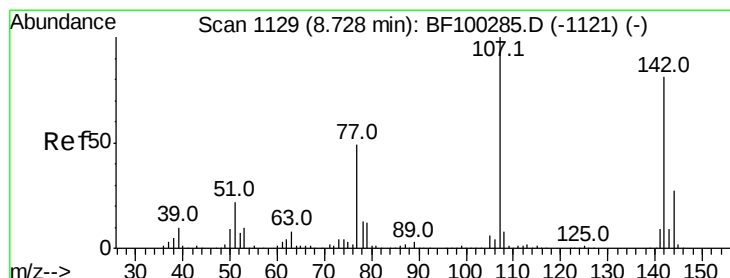
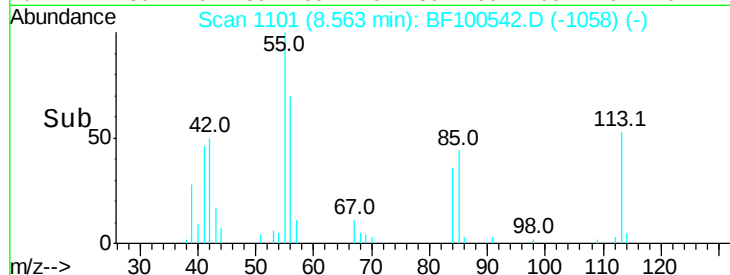
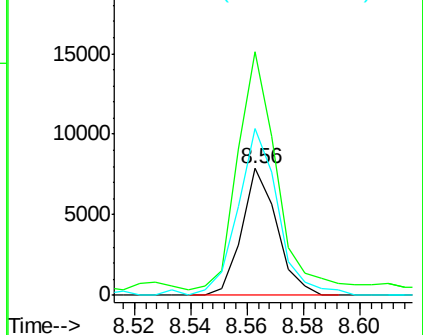
#35  
 Caprolactam  
 Concen: 3.474 ng  
 RT: 8.56 min Scan# 1101  
 Delta R.T. -0.05 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 N-P001-001-0001-01MS

Tot Ion:113 Resp: 6796  
 Ion Ratio Lower Upper  
 113 100  
 55 192.0 163.3 203.3  
 56 131.1 115.7 155.7

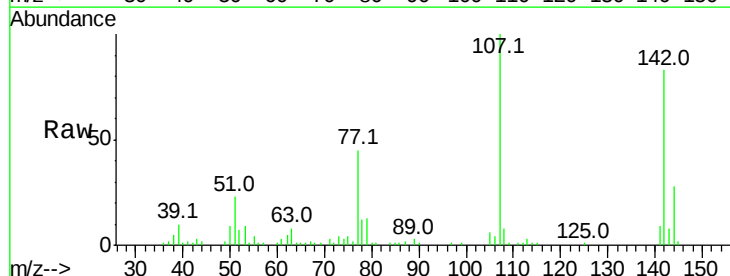


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

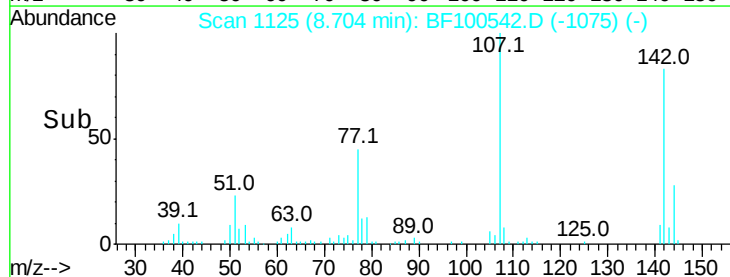
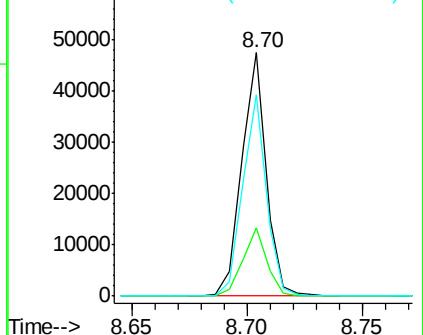


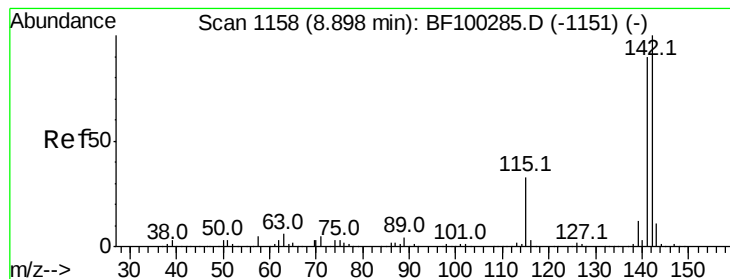
#36  
 4-Chloro-3-methylphenol  
 Concen: 5.739 ng  
 RT: 8.70 min Scan# 1125  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

Tgt Ion:107 Resp: 35139  
 Ion Ratio Lower Upper  
 107 100  
 144 28.0 20.5 30.7  
 142 82.5 62.0 93.0



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





#37

2-Methylnaphthalene

Concen: 6.716 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Instrument :

BNA\_F

ClientSampleId :

N-P001-001-0001-01MS

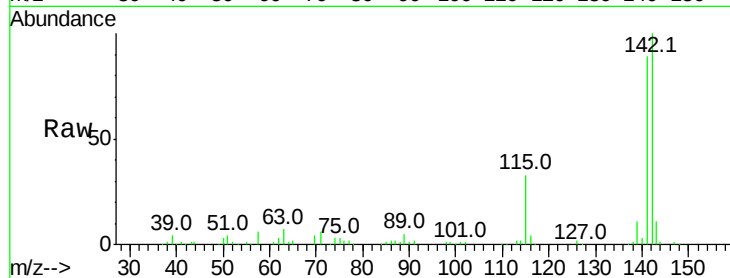
Tot Ion:142 Resp: 90014

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2

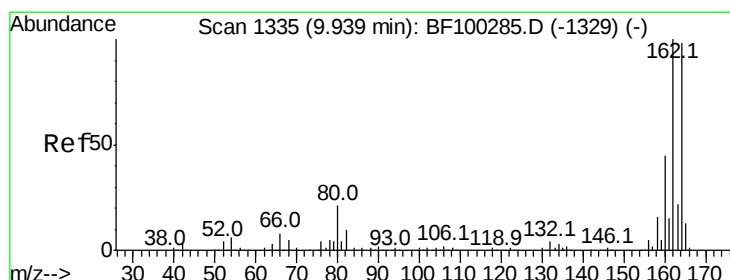
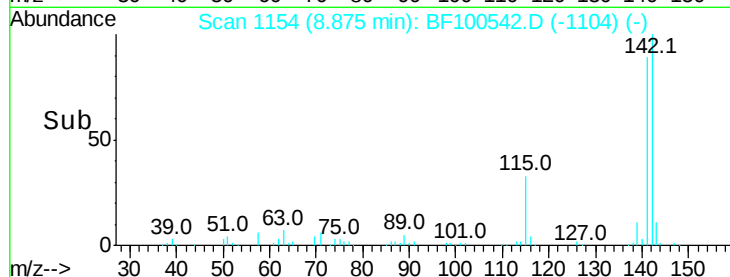
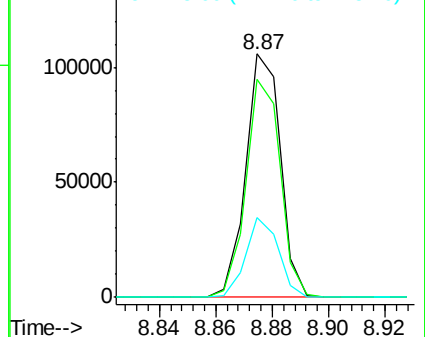
115 32.9 26.1 39.1



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: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

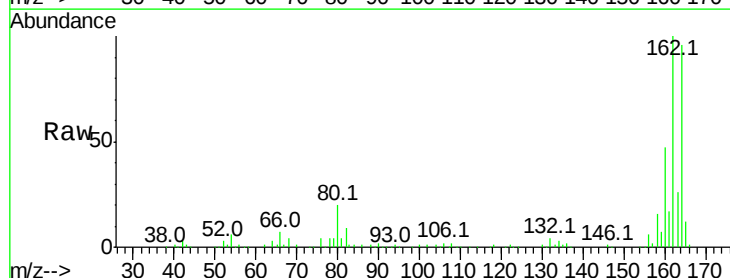
Tgt Ion:164 Resp: 157035

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

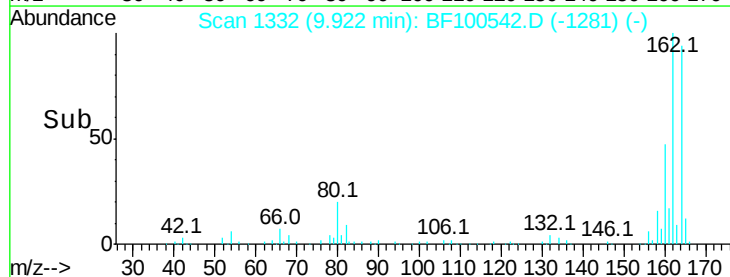
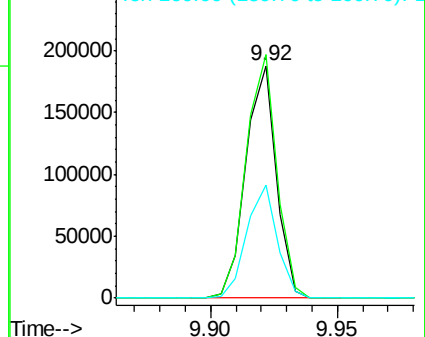
160 48.8 38.3 57.5

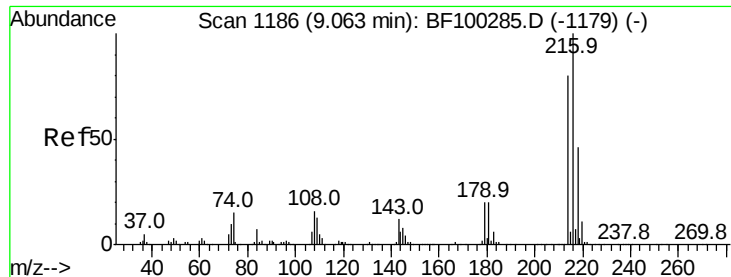


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

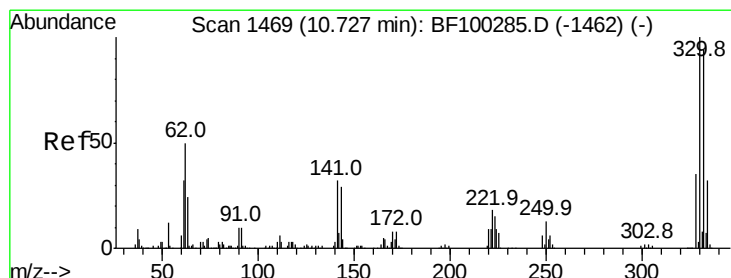
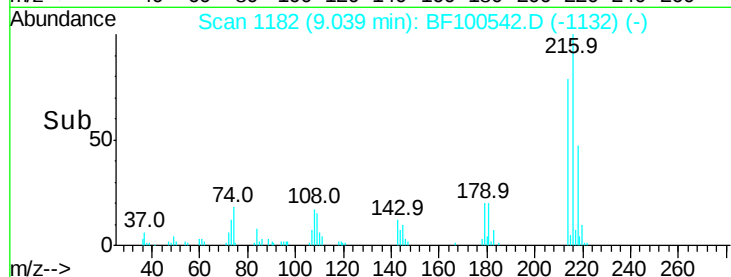
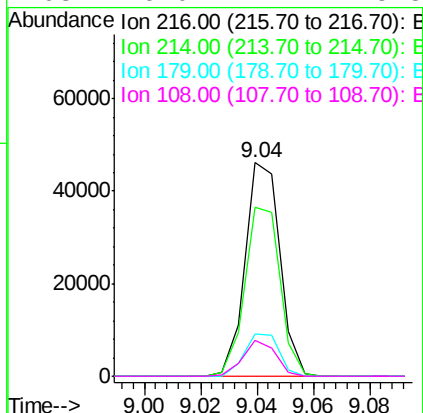
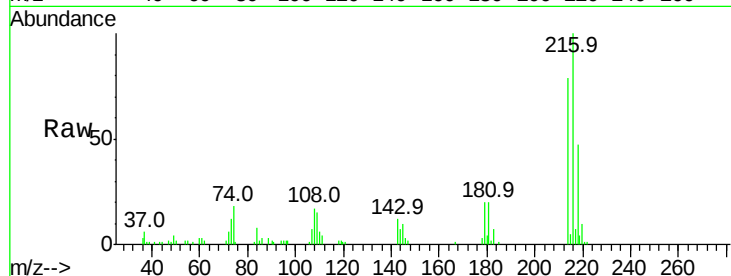




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 7.580 ng  
 RT: 9.04 min Scan# 1182  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

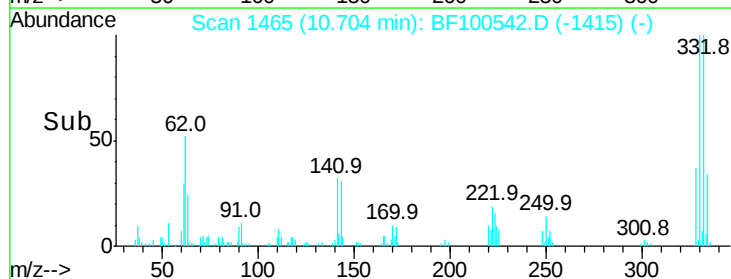
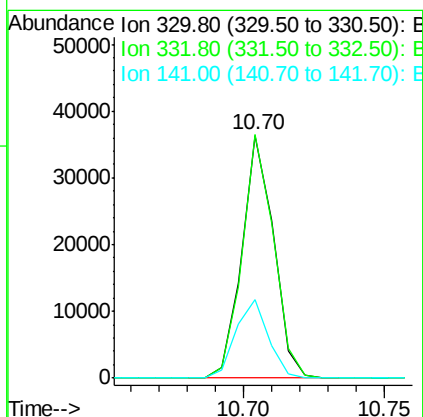
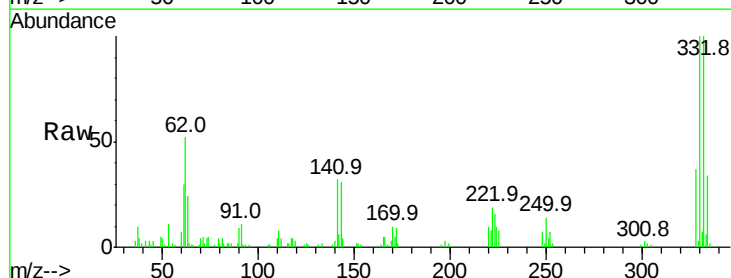
Instrument :  
 BNA\_F  
 ClientSampleId :  
 N-P001-001-0001-01MS

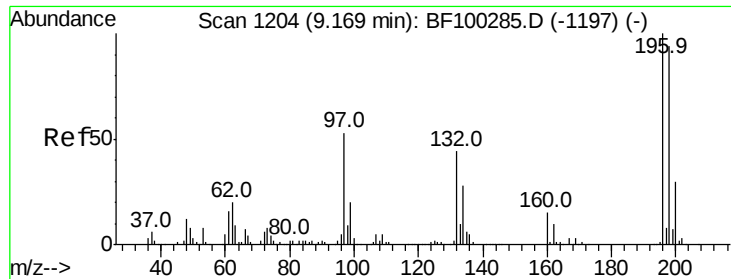
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 216   | Resp: | 39478 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 80.4  | 63.0  | 94.4  |
| 179      | 20.0  | 18.1  | 27.1  |
| 108      | 16.0  | 17.2  | 25.8# |



#41  
 2,4,6-Tribromophenol  
 Concen: 17.752 ng  
 RT: 10.70 min Scan# 1465  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 28406 |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 99.4  | 77.0  | 115.6 |
| 141      | 33.1  | 29.9  | 44.9  |

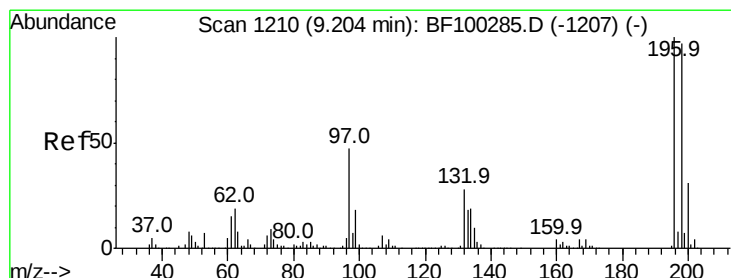
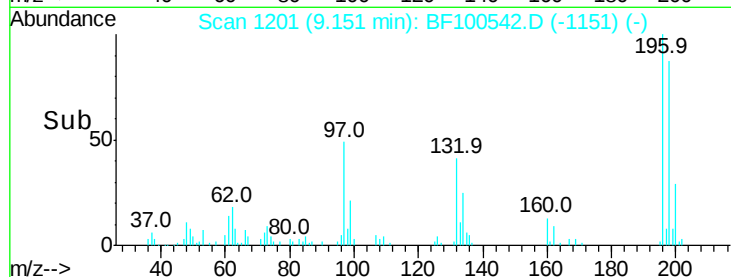
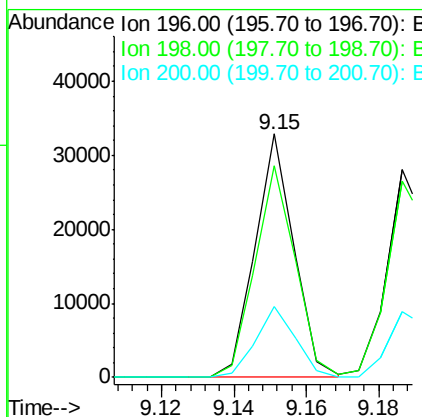
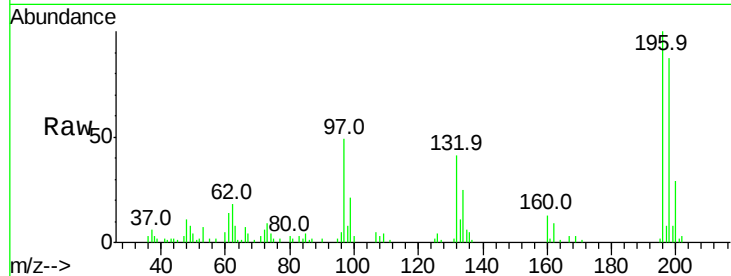




#42  
 2,4,6-Trichlorophenol  
 Concen: 7.365 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

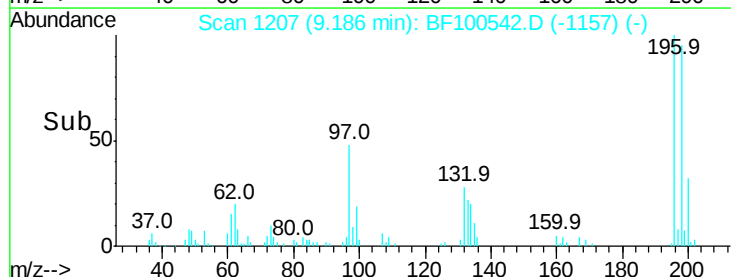
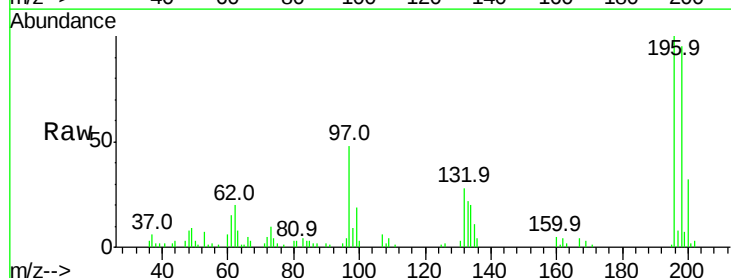
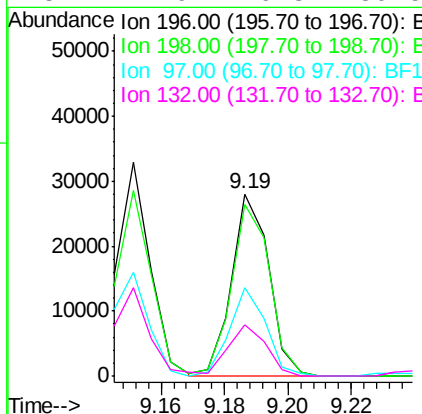
Instrument :  
 BNA\_F  
 ClientSampleId :  
 N-P001-001-0001-01MS

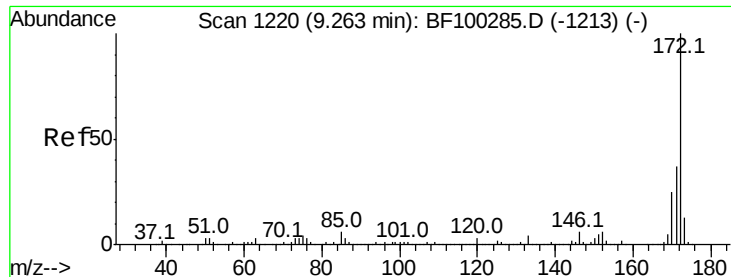
Tot Ion:196 Resp: 24310  
 Ion Ratio Lower Upper  
 196 100  
 198 86.8 75.7 113.5  
 200 29.2 24.5 36.7



#43  
 2,4,5-Trichlorophenol  
 Concen: 6.631 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

Tgt Ion:196 Resp: 22676  
 Ion Ratio Lower Upper  
 196 100  
 198 94.6 74.6 112.0  
 97 48.5 42.9 64.3  
 132 27.9 26.3 39.5

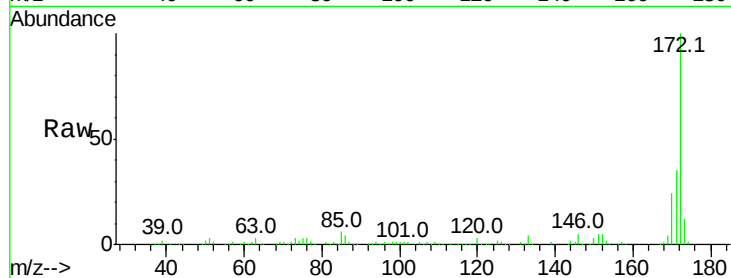




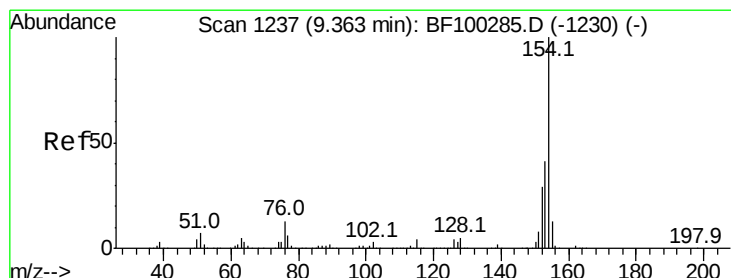
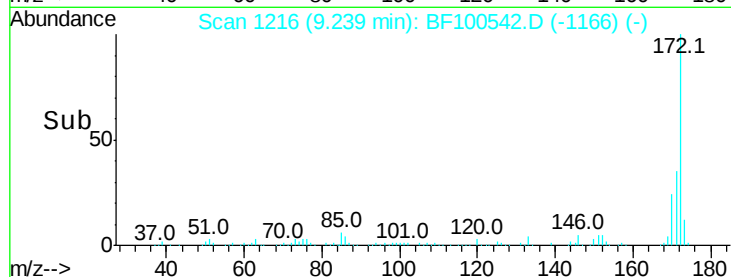
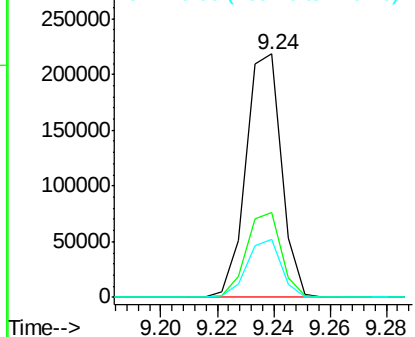
#44  
2-Fluorobiphenyl  
Concen: 18.475 ng  
RT: 9.24 min Scan# 1216  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

Tot Ion:172 Resp: 190534  
Ion Ratio Lower Upper  
172 100  
171 35.1 29.7 44.5  
170 23.9 19.6 29.4

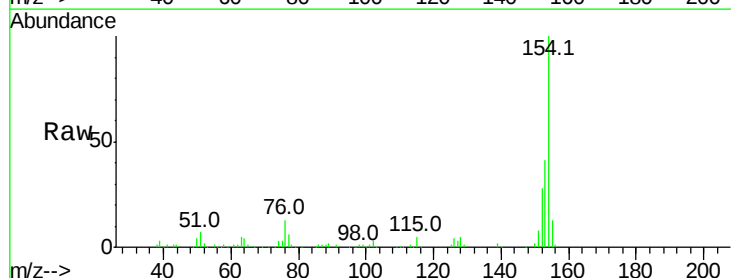


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

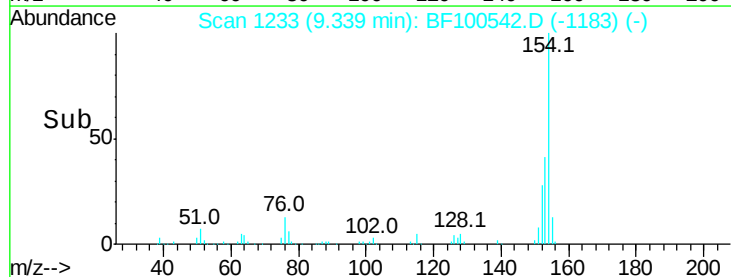
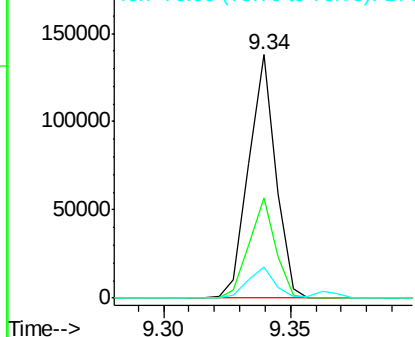


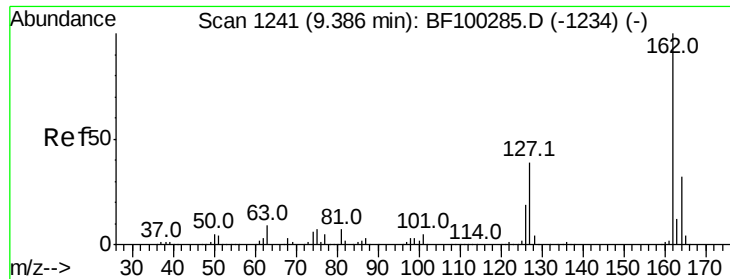
#45  
1,1'-Biphenyl  
Concen: 7.545 ng  
RT: 9.34 min Scan# 1233  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion:154 Resp: 102471  
Ion Ratio Lower Upper  
154 100  
153 41.2 21.3 61.3  
76 12.7 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

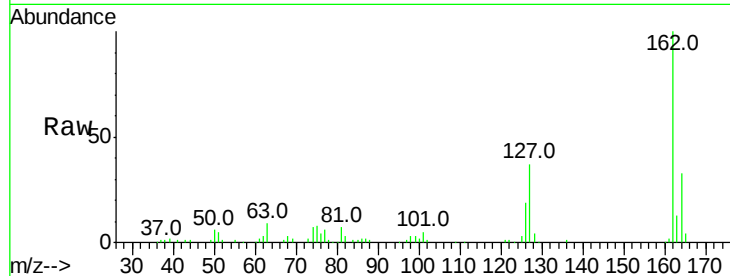




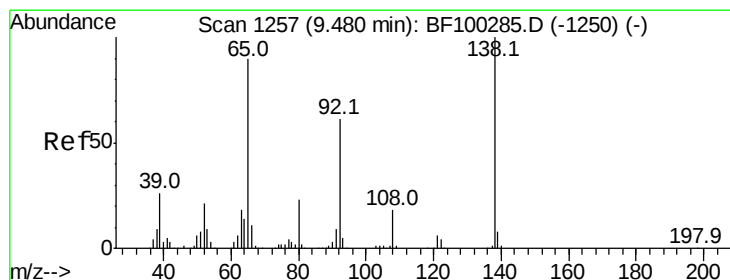
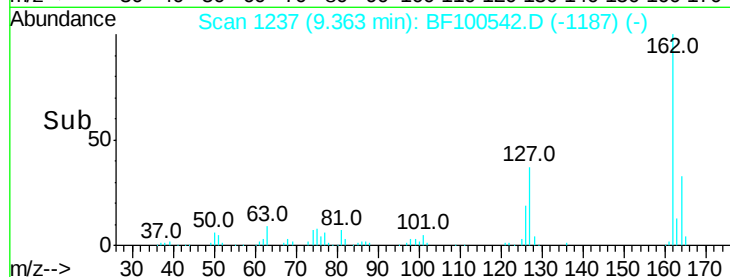
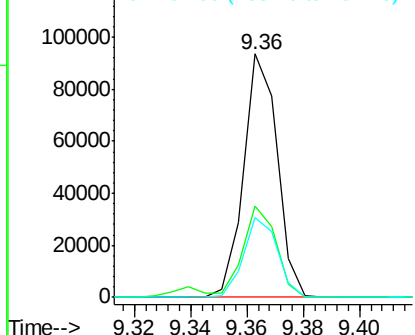
#46  
2-Chloronaphthalene  
Concen: 7.838 ng  
RT: 9.36 min Scan# 1237  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

Tot Ion:162 Resp: 77225  
Ion Ratio Lower Upper  
162 100  
127 37.4 33.9 50.9  
164 32.6 26.5 39.7

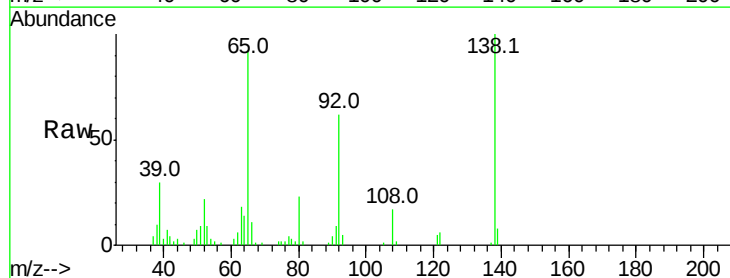


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

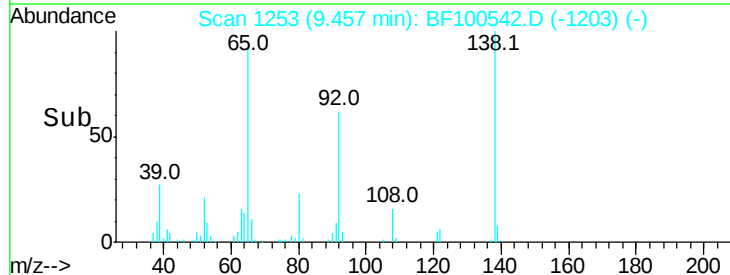
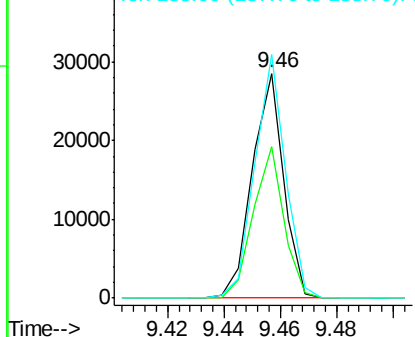


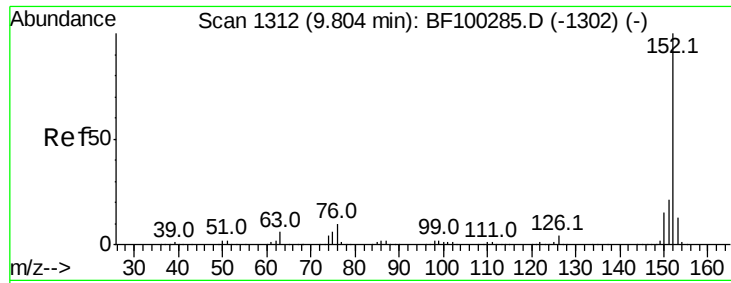
#47  
2-Nitroaniline  
Concen: 9.879 ng  
RT: 9.46 min Scan# 1253  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion: 65 Resp: 21930  
Ion Ratio Lower Upper  
65 100  
92 67.7 55.8 83.6  
138 108.4 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): E

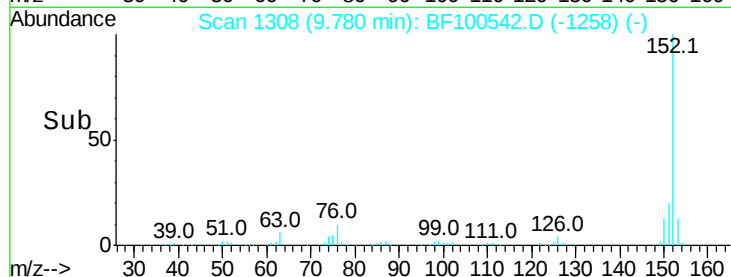
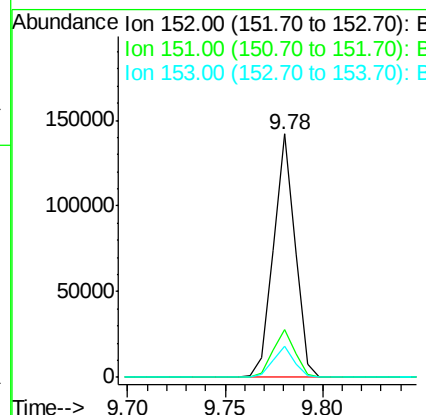
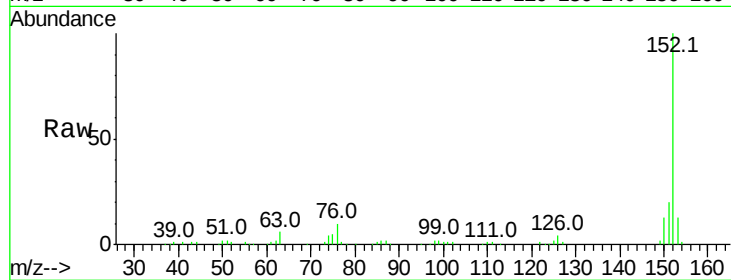




#48  
Acenaphthylene  
Concen: 6.700 ng  
RT: 9.78 min Scan# 1308  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

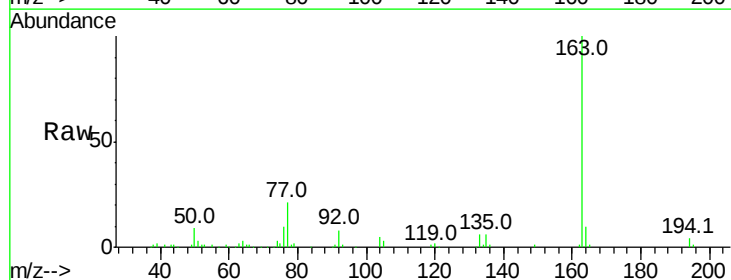
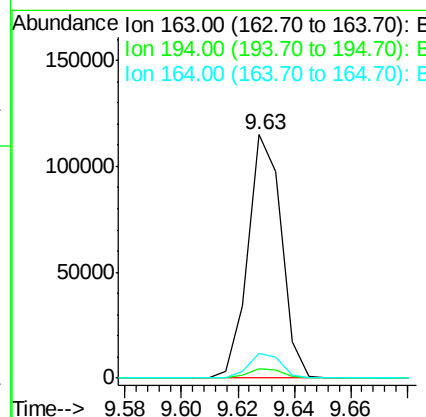
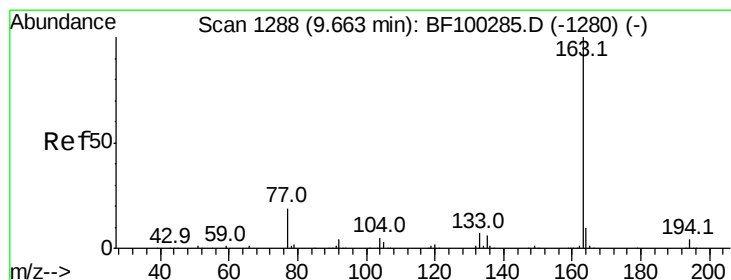
Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

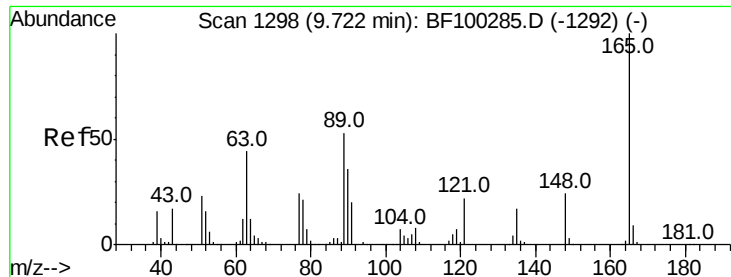
Tot Ion:152 Resp: 109404  
Ion Ratio Lower Upper  
152 100  
151 19.5 16.3 24.5  
153 12.8 10.7 16.1



#49  
Dimethylphthalate  
Concen: 7.881 ng  
RT: 9.63 min Scan# 1282  
Delta R.T. -0.02 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion:163 Resp: 94493  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.7 4.1  
164 10.3 8.2 12.2

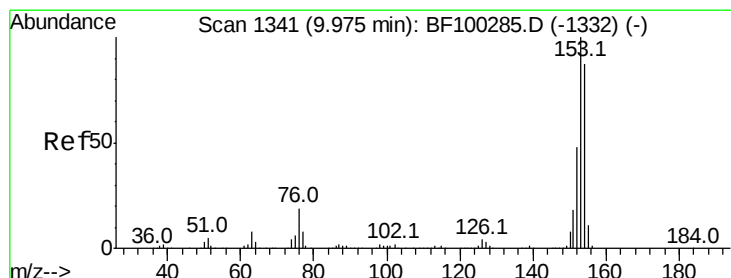
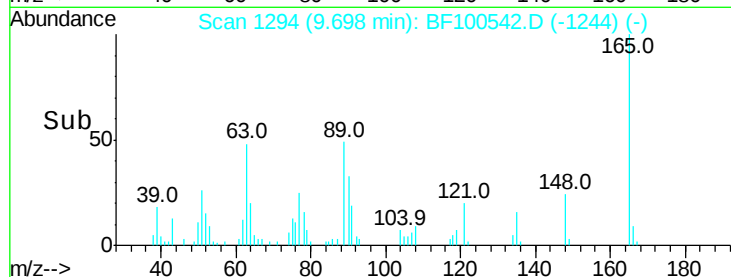
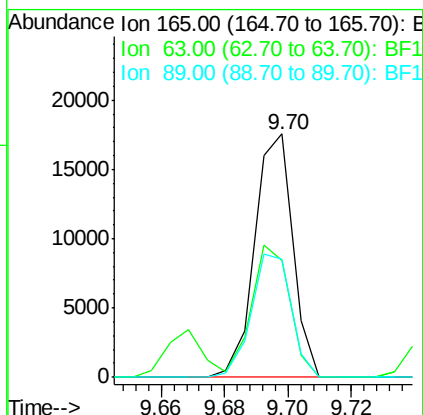
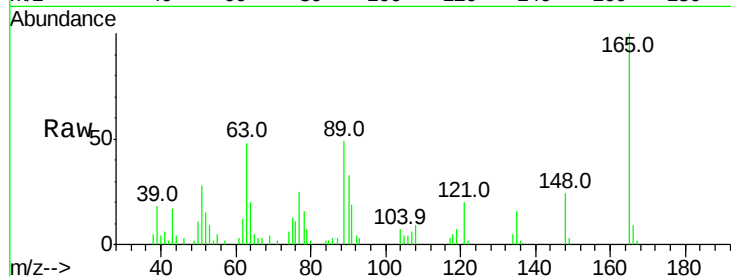




#50  
 2,6-Dinitrotoluene  
 Concen: 6.174 ng  
 RT: 9.70 min Scan# 1294  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

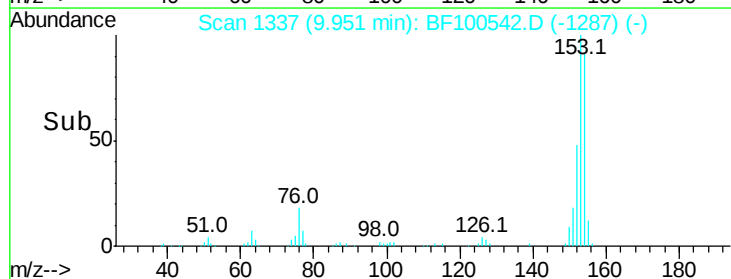
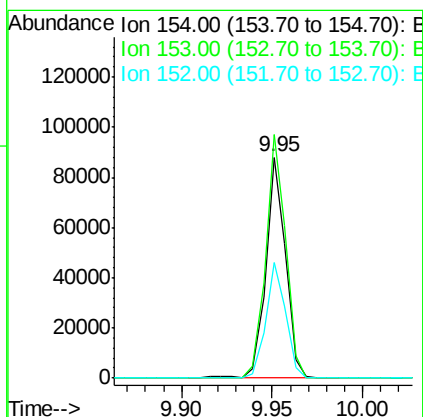
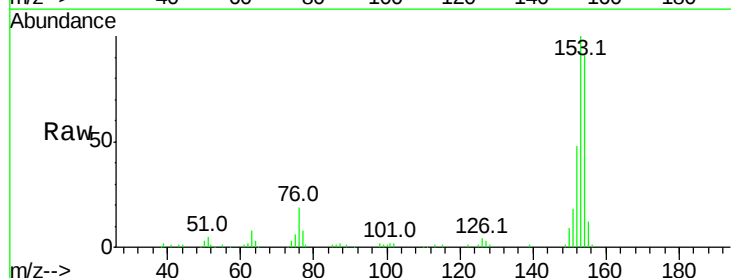
Instrument :  
 BNA\_F  
 ClientSampleId :  
 N-P001-001-0001-01MS

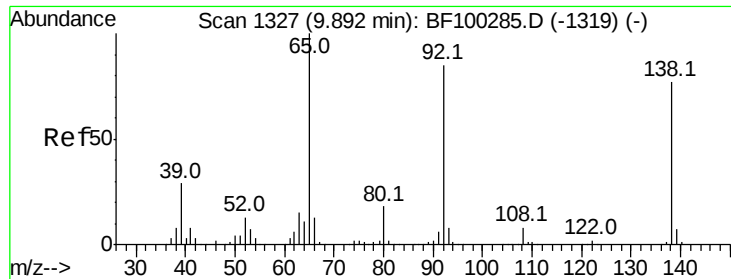
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 47.8  | 44.7  | 67.1  |
| 89      | 48.8  | 44.0  | 66.0  |



#51  
 Acenaphthene  
 Concen: 6.670 ng  
 RT: 9.95 min Scan# 1337  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 110.2 | 91.2  | 136.8 |
| 152     | 52.5  | 43.8  | 65.8  |

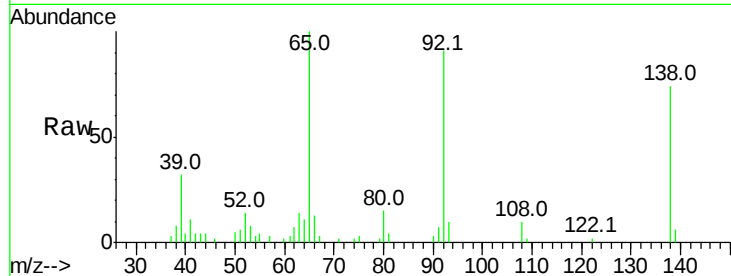




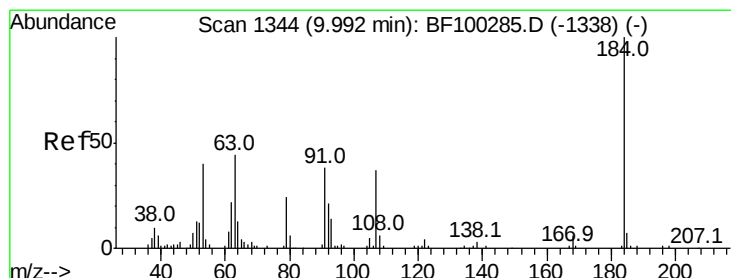
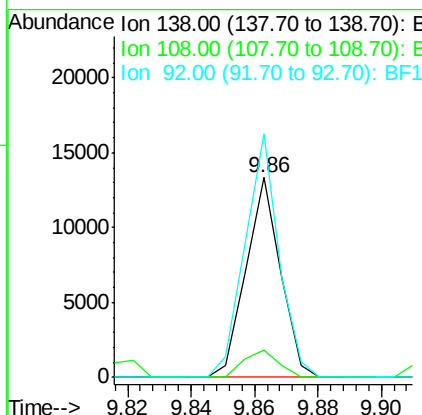
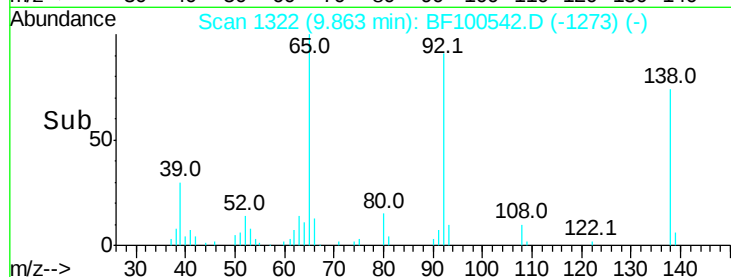
#52  
3-Nitroaniline  
Concen: 3.567 ng  
RT: 9.86 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

Tot Ion:138 Resp: 9996  
Ion Ratio Lower Upper  
138 100  
108 13.8 9.4 14.0  
92 121.9 89.4 134.2

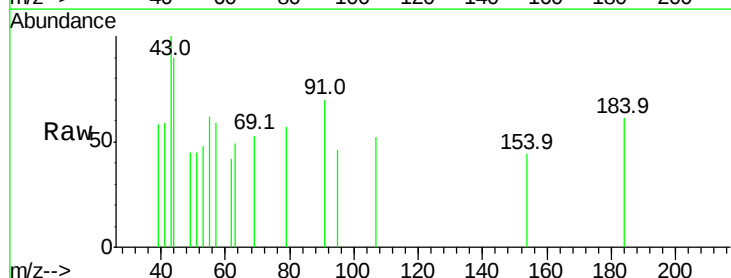


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

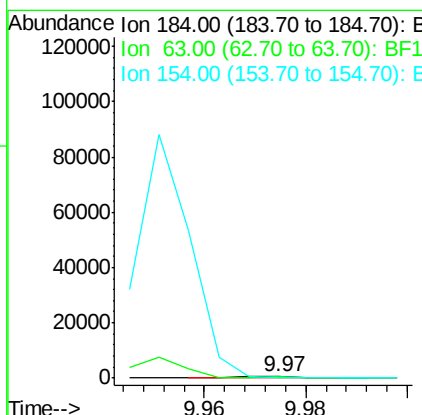
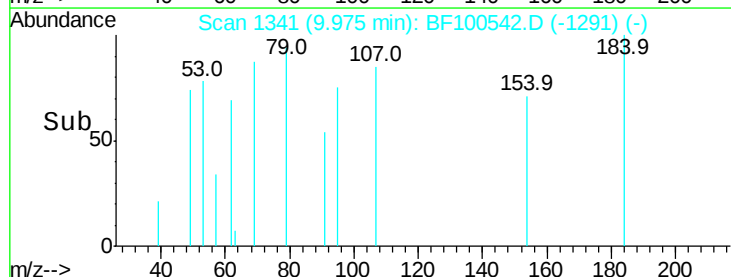


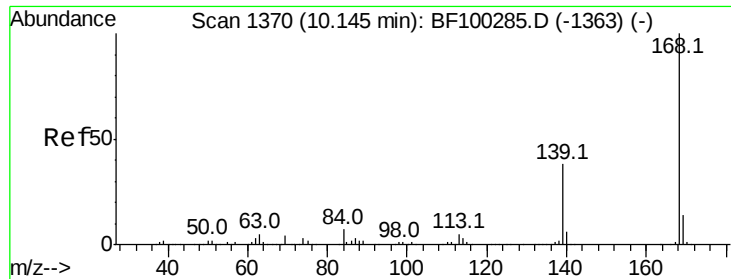
#53  
2,4-Dinitrophenol  
Concen: 8.260 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion:184 Resp: 334  
Ion Ratio Lower Upper  
184 100  
63 80.3 54.2 81.2  
154 71.2 184.0 276.0#



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

Dibenzenofuran

Concen: 7.037 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Instrument :

BNA\_F

ClientSampleId :

N-P001-001-0001-01MS

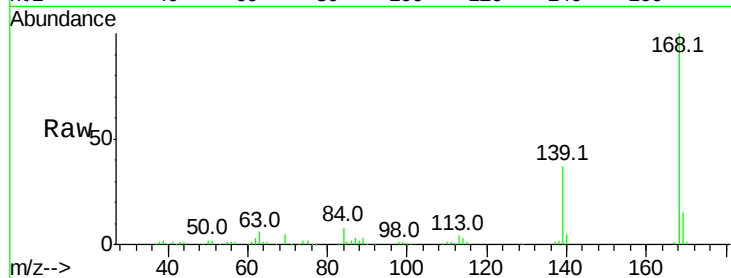
Tot Ion:168 Resp: 97953

Ion Ratio Lower Upper

168 100

139 37.1 30.1 45.1

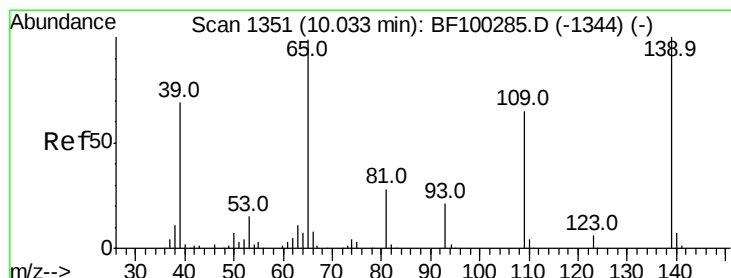
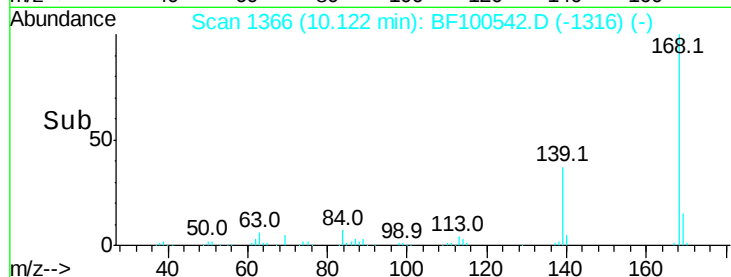
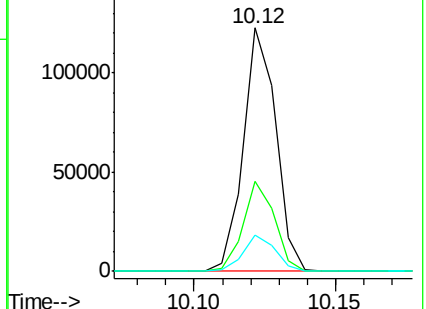
169 14.7 10.9 16.3



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: 10.281 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

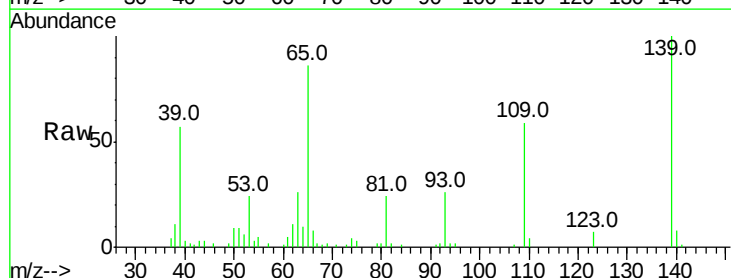
Tgt Ion:139 Resp: 23396

Ion Ratio Lower Upper

139 100

109 58.8 48.4 88.4

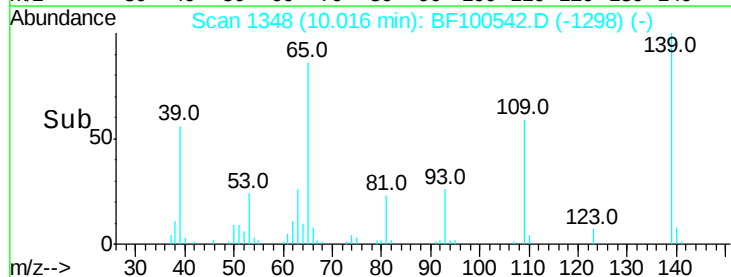
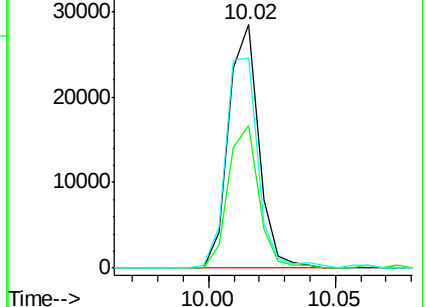
65 86.2 72.6 112.6

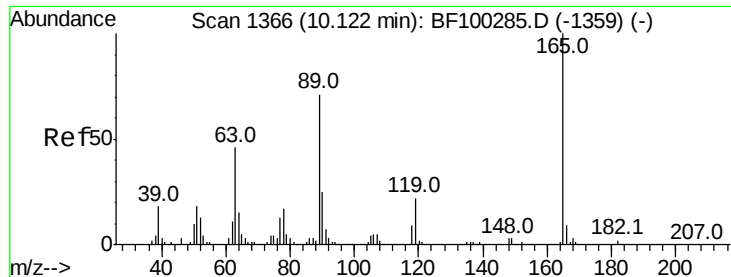


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

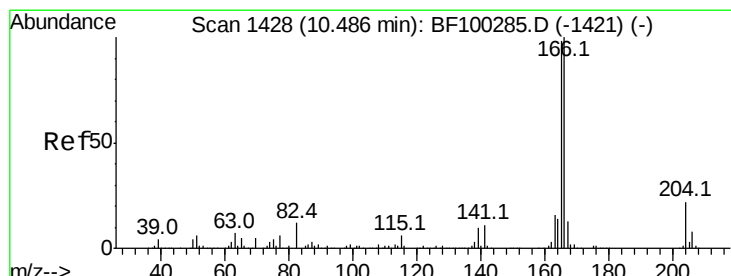
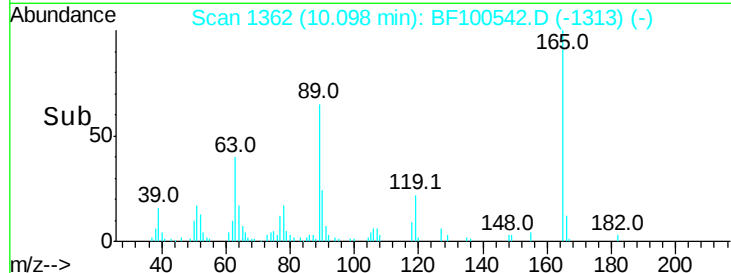
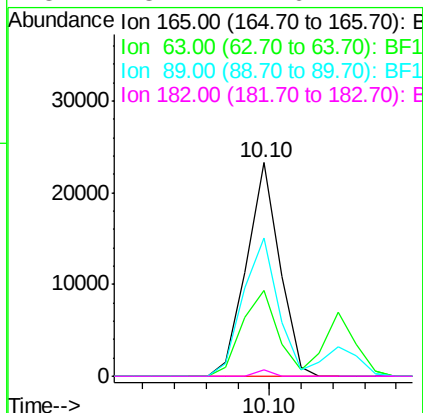
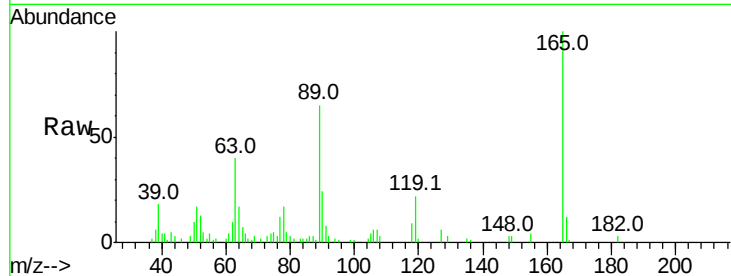




#56  
2,4-Dinitrotoluene  
Concen: 5.650 ng  
RT: 10.10 min Scan# 1362  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

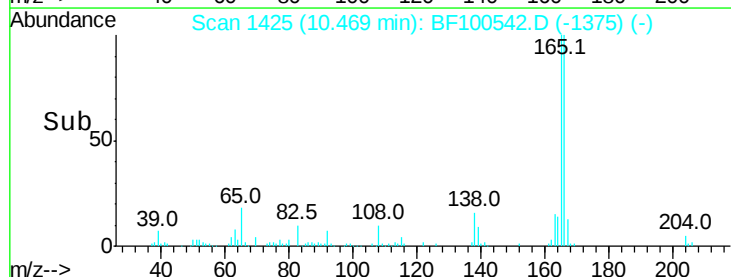
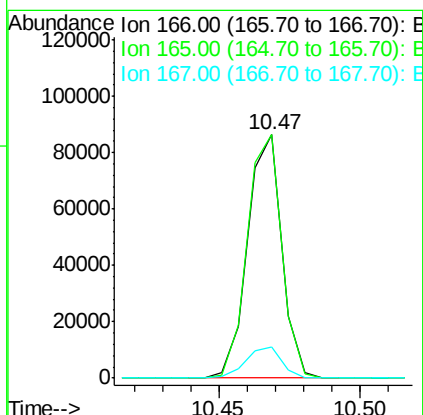
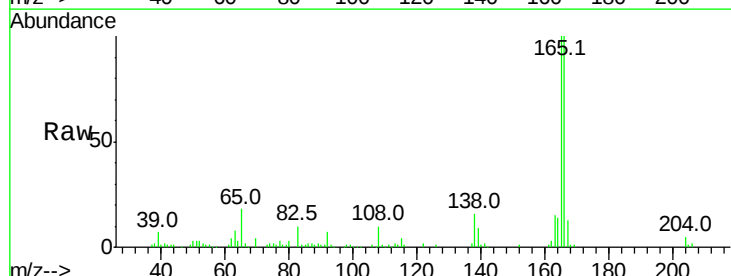
Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

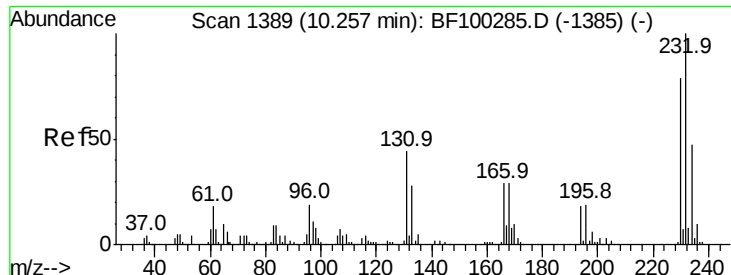
Tot Ion:165 Resp: 16916  
Ion Ratio Lower Upper  
165 100  
63 40.3 36.4 54.6  
89 64.7 57.8 86.6  
182 3.1 1.6 2.4#



#57  
Fluorene  
Concen: 7.106 ng  
RT: 10.47 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion:166 Resp: 72460  
Ion Ratio Lower Upper  
166 100  
165 99.8 79.8 119.8  
167 12.8 10.6 16.0

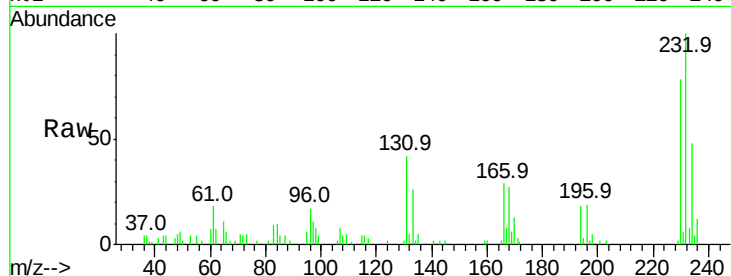




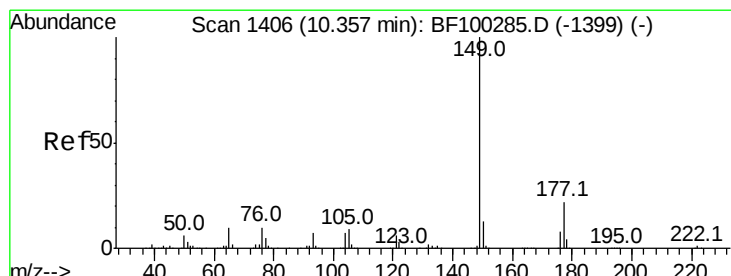
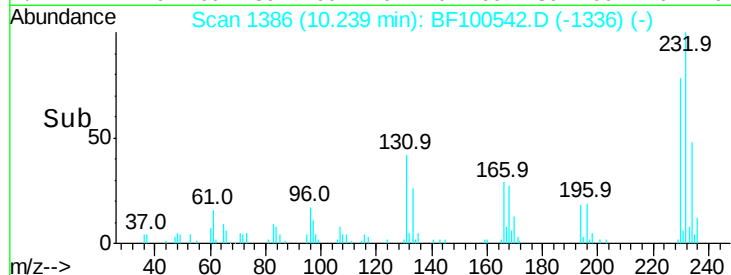
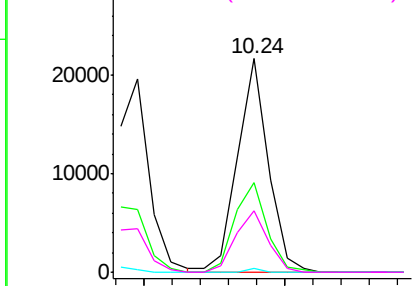
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 5.872 ng  
 RT: 10.24 min Scan# 1386  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 N-P001-001-0001-01MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 232   | Resp: | 16459 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 44.0  | 43.8  | 65.8  |
| 130      | 0.8   | 2.1   | 3.1#  |
| 166      | 30.0  | 27.8  | 41.6  |

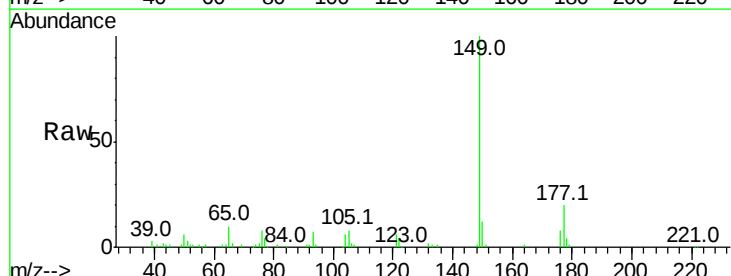


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

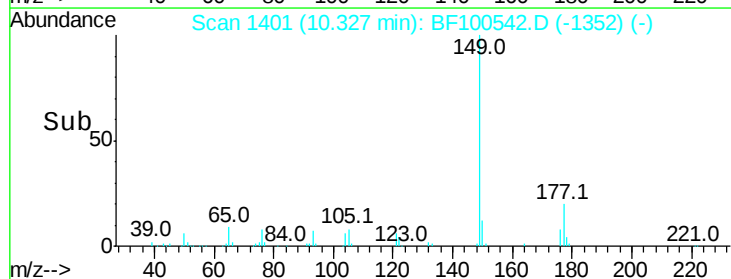
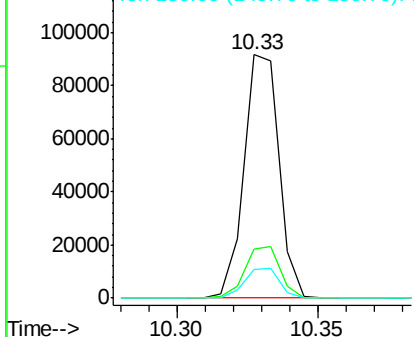


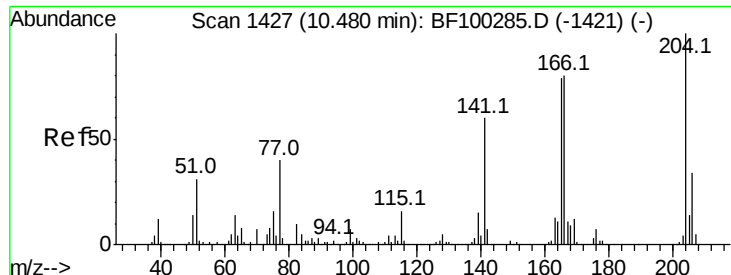
#59  
 Diethylphthalate  
 Concen: 6.573 ng  
 RT: 10.33 min Scan# 1401  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 78865 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 177      | 20.3  | 16.1  | 24.1  |
| 150      | 11.9  | 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

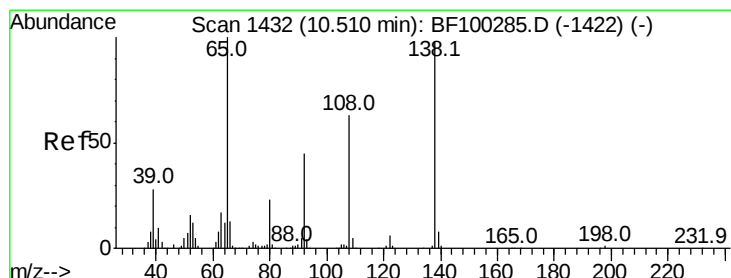
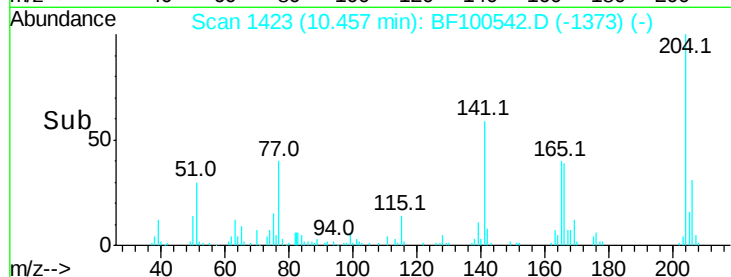
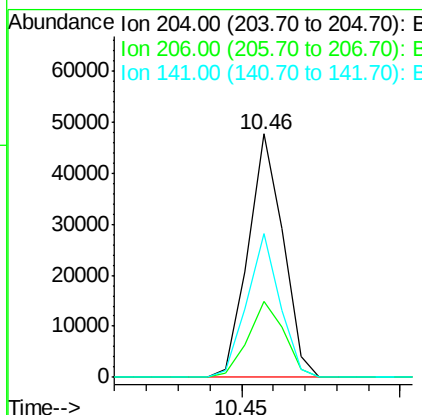
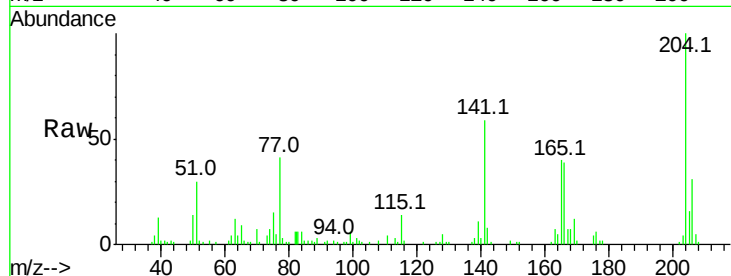




#60  
4-Chlorophenyl-phenylether  
Concen: 7.287 ng  
RT: 10.46 min Scan# 1423  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

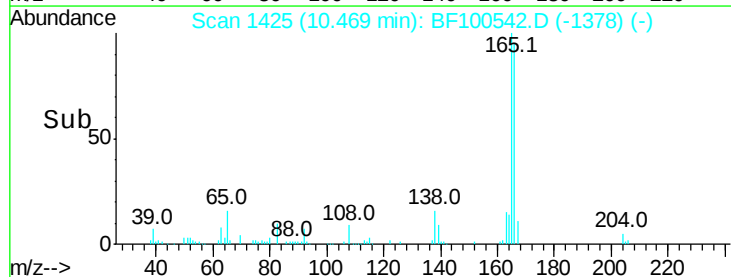
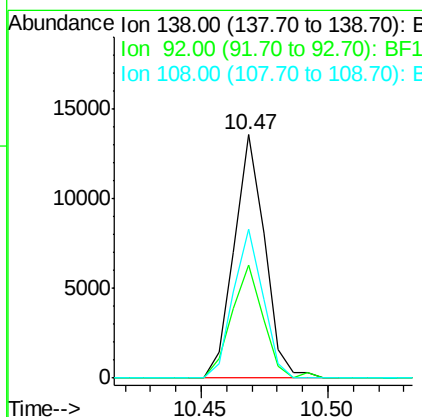
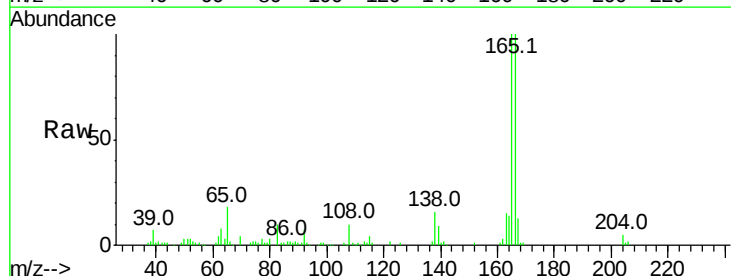
Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

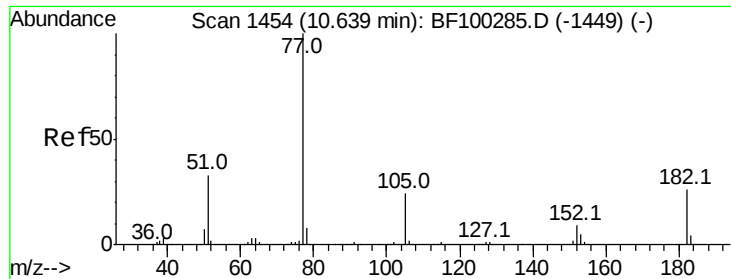
Tot Ion:204 Resp: 36451  
Ion Ratio Lower Upper  
204 100  
206 31.0 26.5 39.7  
141 59.0 54.6 81.8



#61  
4-Nitroaniline  
Concen: 4.299 ng  
RT: 10.47 min Scan# 1425  
Delta R.T. -0.02 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion:138 Resp: 11425  
Ion Ratio Lower Upper  
138 100  
92 46.7 30.2 70.2  
108 61.2 52.5 92.5

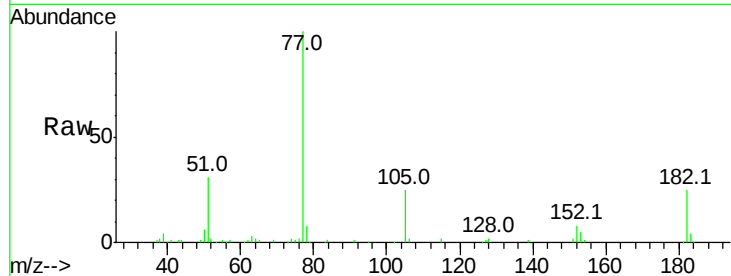




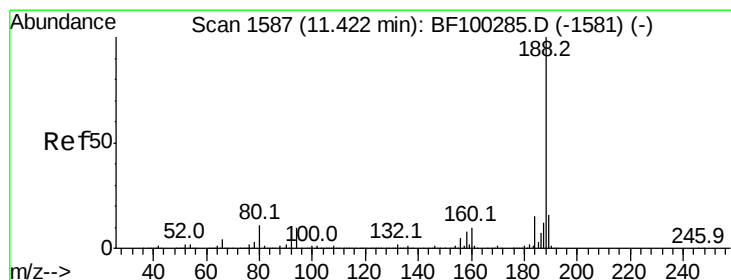
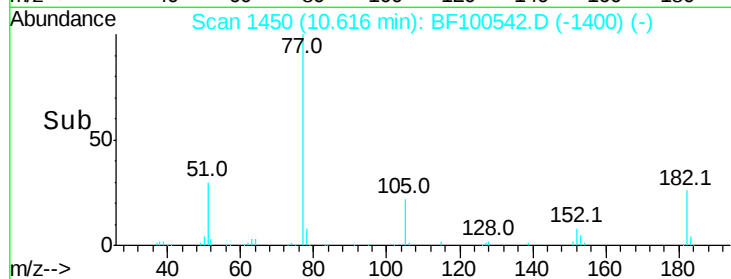
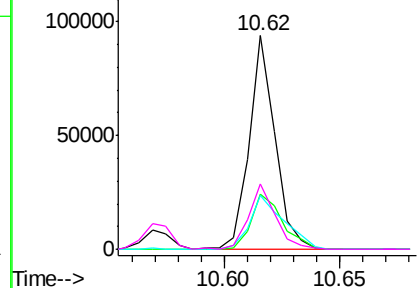
#62  
Azobenzene  
Concen: 6.481 ng  
RT: 10.62 min Scan# 1450  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 73245 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 182      | 25.5  | 1.7   | 41.7  |
| 105      | 25.1  | 3.0   | 43.0  |
| 51       | 30.6  | 9.9   | 49.9  |

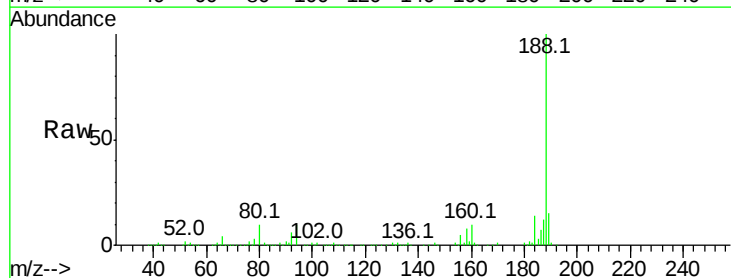


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

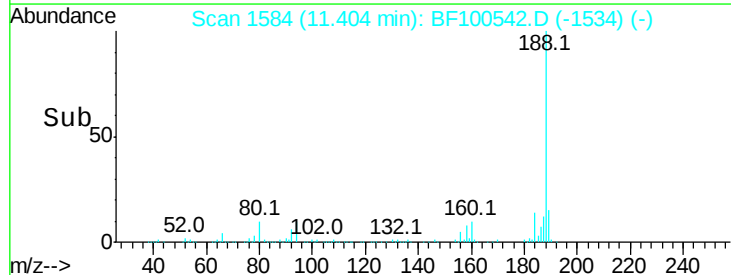
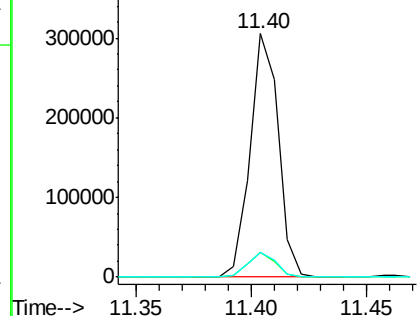


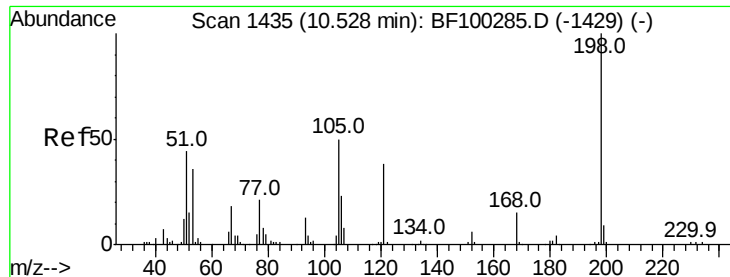
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 260711 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 10.1  | 8.5   | 12.7   |
| 80       | 10.4  | 9.2   | 13.8   |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

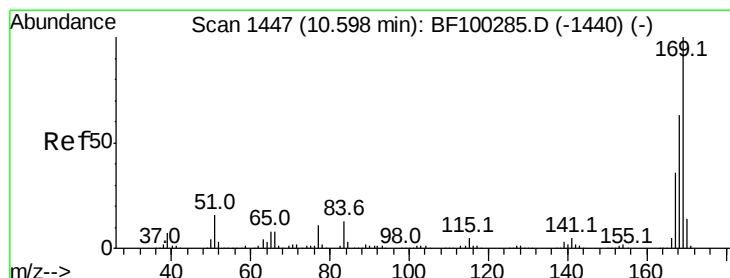
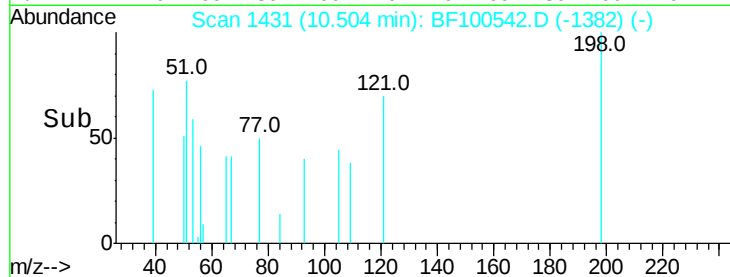
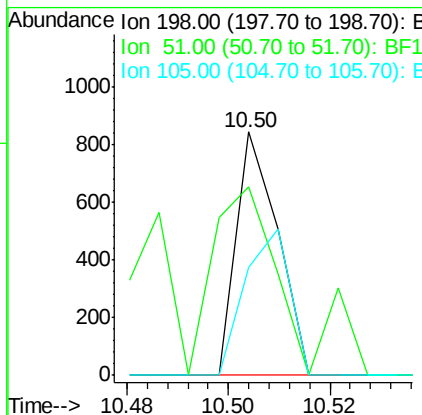
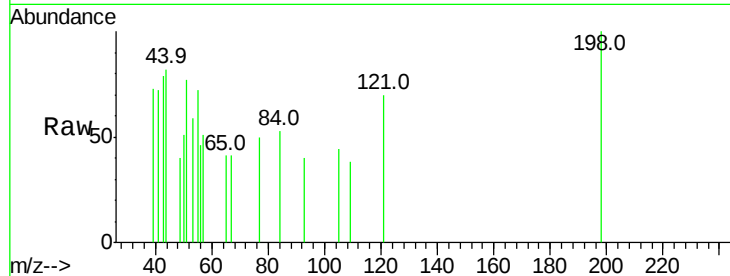




#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 8.868 ng  
 RT: 10.50 min Scan# 1431  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

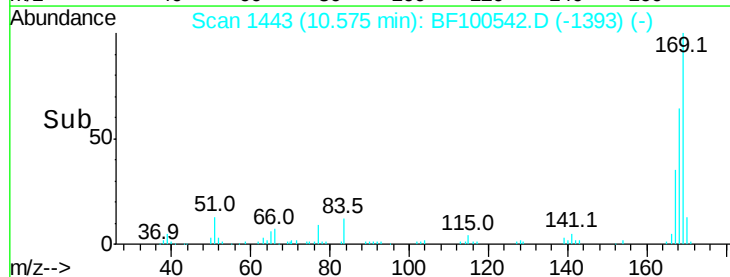
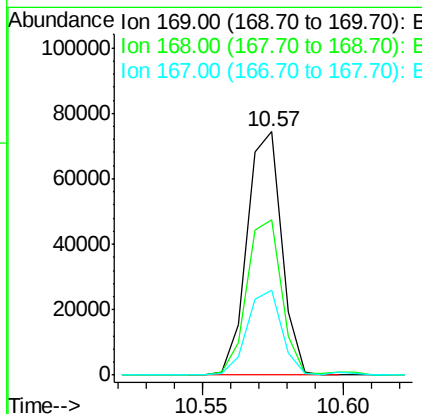
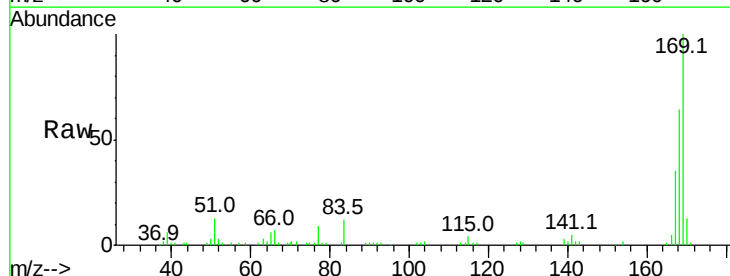
Instrument :  
 BNA\_F  
 ClientSampleId :  
 N-P001-001-0001-01MS

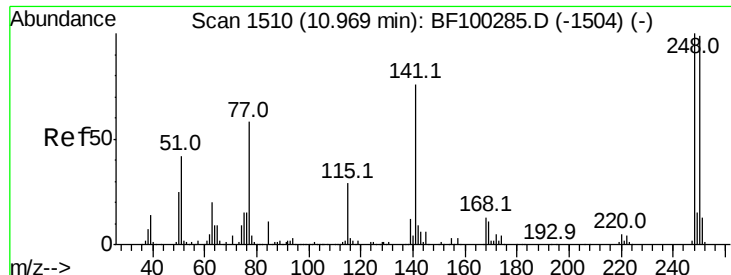
Tot Ion:198 Resp: 477  
 Ion Ratio Lower Upper  
 198 100  
 51 77.3 37.7 77.7  
 105 44.5 36.3 76.3



#65  
 n-Nitrosodiphenylamine  
 Concen: 6.987 ng  
 RT: 10.57 min Scan# 1443  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

Tgt Ion:169 Resp: 63338  
 Ion Ratio Lower Upper  
 169 100  
 168 63.8 54.4 81.6  
 167 34.8 29.8 44.6

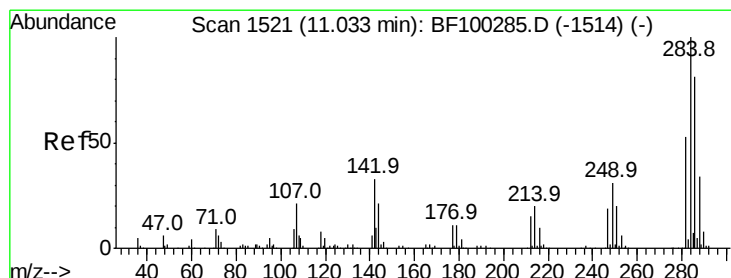
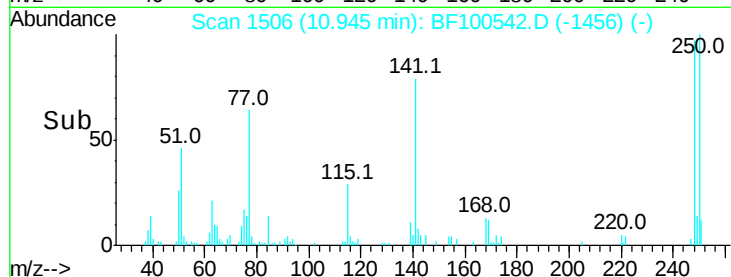
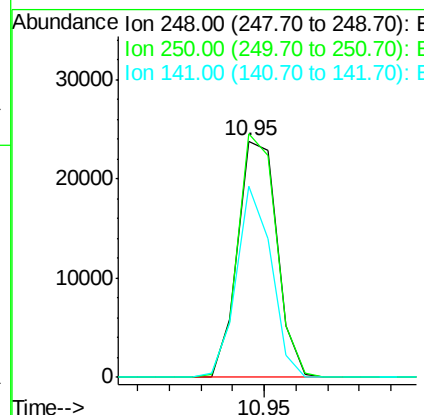
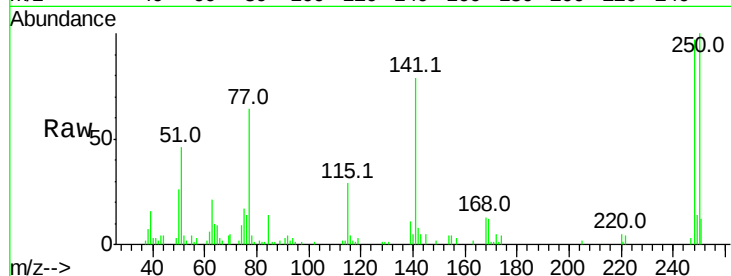




#66  
4-Bromophenyl-phenylether  
Concen: 7.345 ng  
RT: 10.95 min Scan# 1506  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

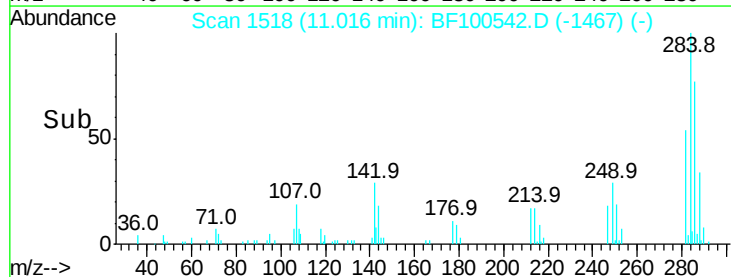
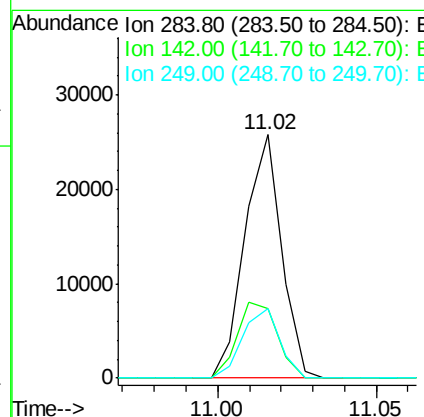
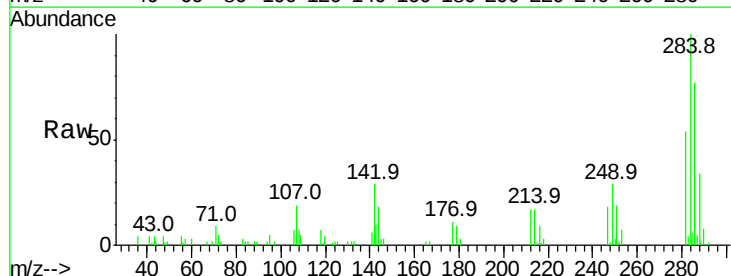
Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

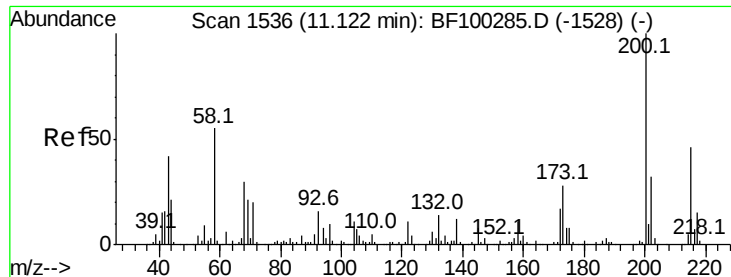
Tot Ion:248 Resp: 20528  
Ion Ratio Lower Upper  
248 100  
250 103.1 76.9 115.3  
141 81.1 74.4 111.6



#67  
Hexachlorobenzene  
Concen: 7.072 ng  
RT: 11.02 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion:284 Resp: 20672  
Ion Ratio Lower Upper  
284 100  
142 28.6 34.6 52.0#  
249 28.6 24.8 37.2

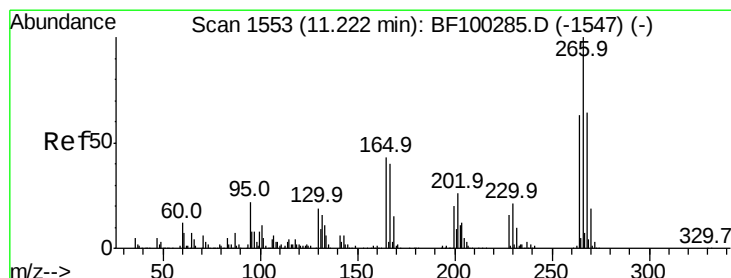
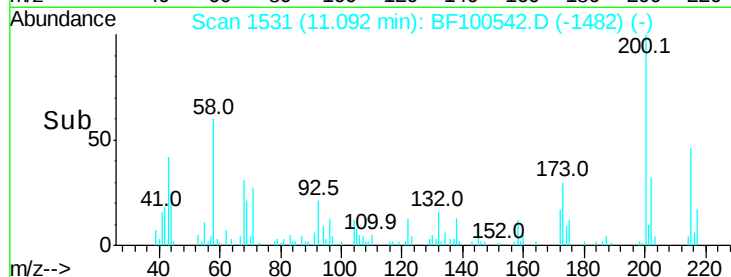
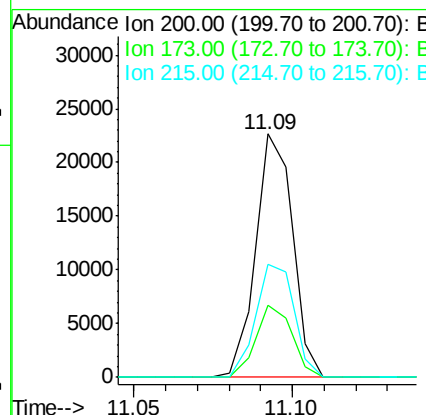
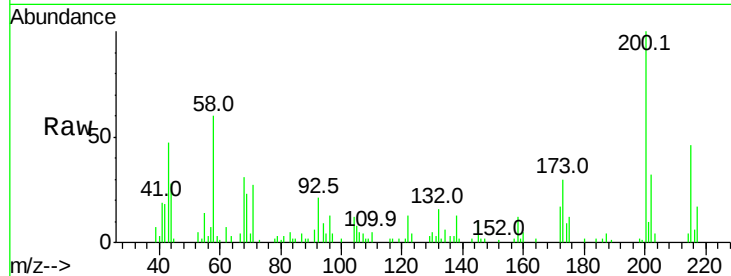




#68  
Atrazine  
Concen: 6.669 ng  
RT: 11.09 min Scan# 1531  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

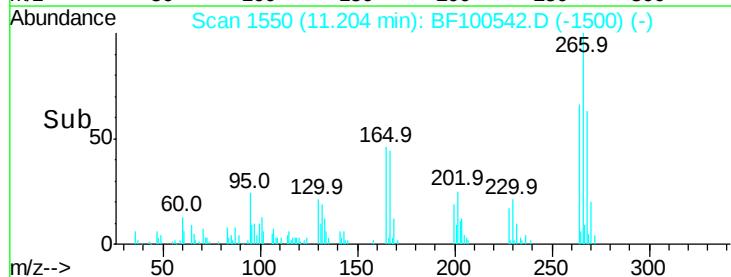
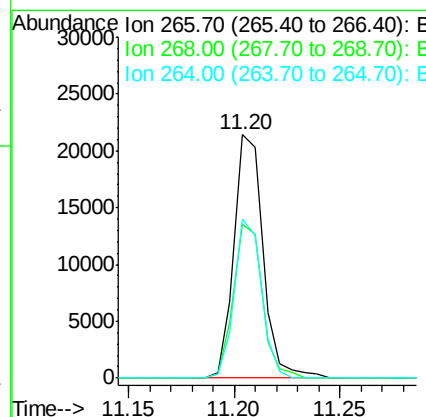
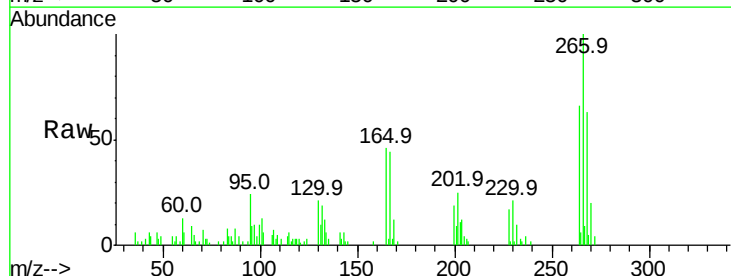
Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

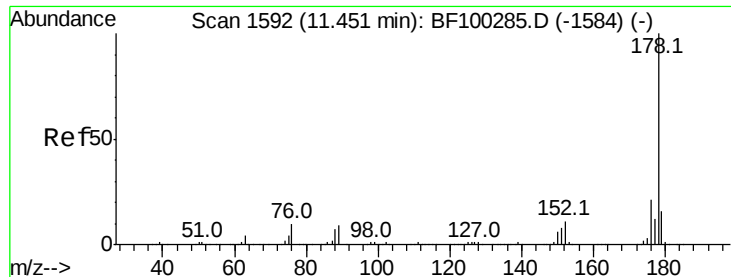
Tot Ion:200 Resp: 18299  
Ion Ratio Lower Upper  
200 100  
173 29.8 8.6 48.6  
215 46.4 25.1 65.1



#69  
Pentachlorophenol  
Concen: 9.674 ng  
RT: 11.20 min Scan# 1550  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion:266 Resp: 20276  
Ion Ratio Lower Upper  
266 100  
268 63.2 51.1 76.7  
264 65.6 49.5 74.3

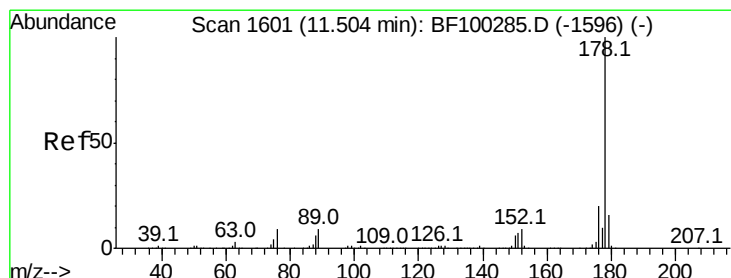
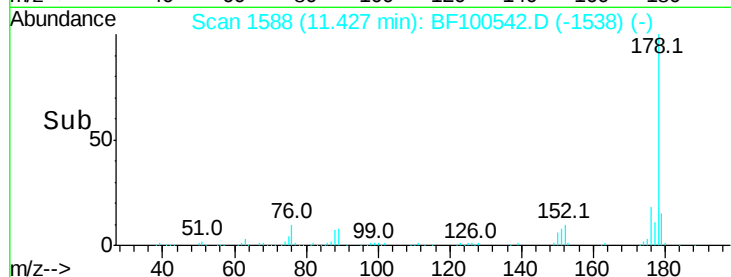
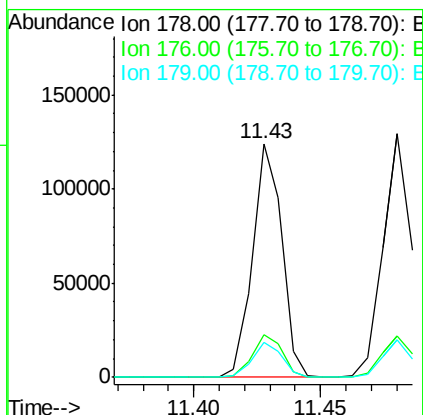
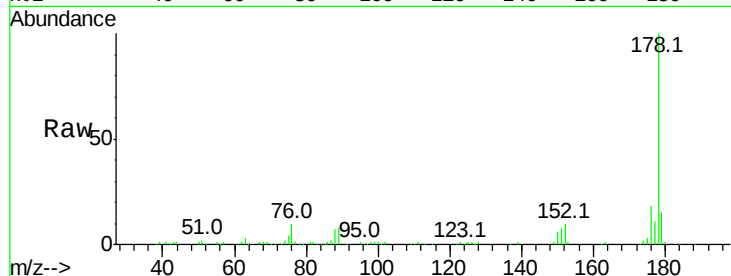




#70  
Phenanthrene  
Concen: 7.275 ng  
RT: 11.43 min Scan# 1588  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

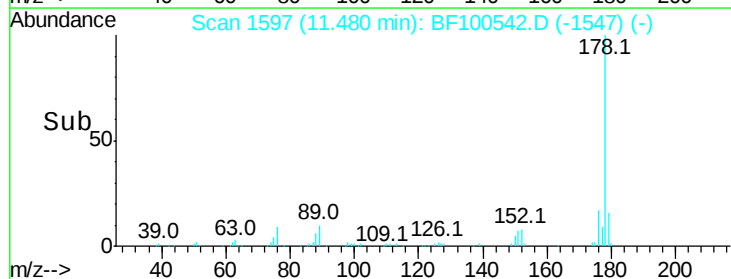
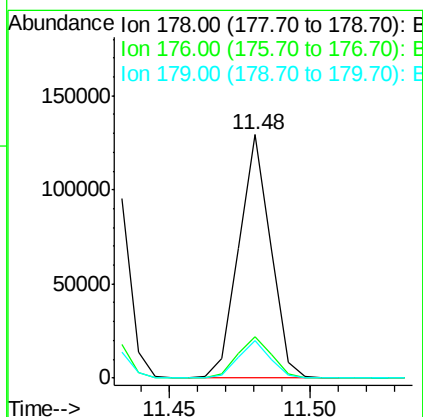
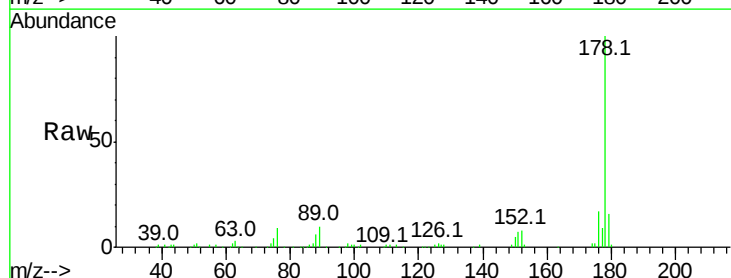
Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

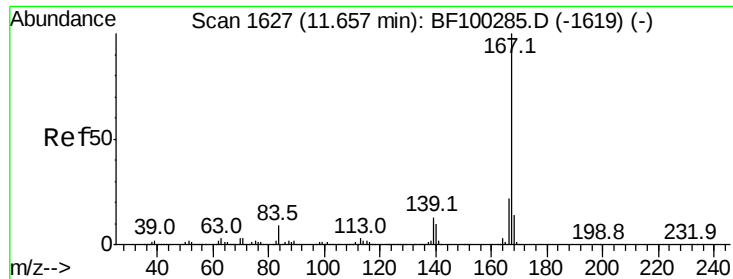
Tot Ion:178 Resp: 99862  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.8 23.8  
179 14.7 13.0 19.6



#71  
Anthracene  
Concen: 7.240 ng  
RT: 11.48 min Scan# 1597  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion:178 Resp: 100828  
Ion Ratio Lower Upper  
178 100  
176 17.0 15.4 23.2  
179 15.6 12.6 19.0

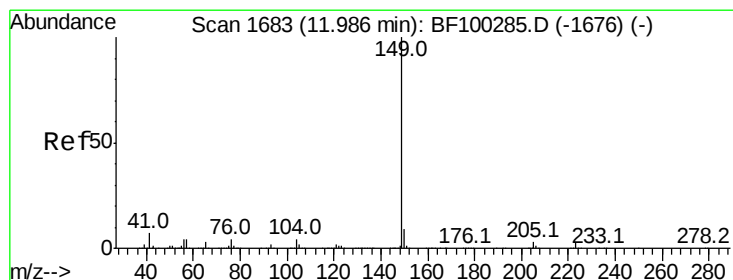
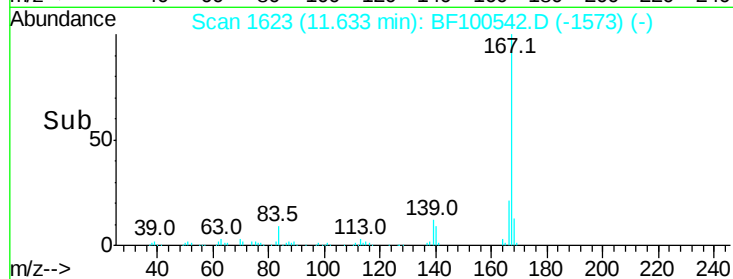
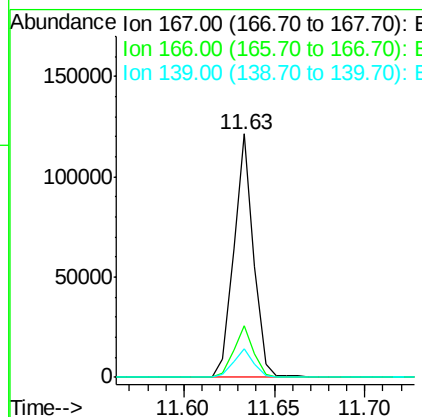
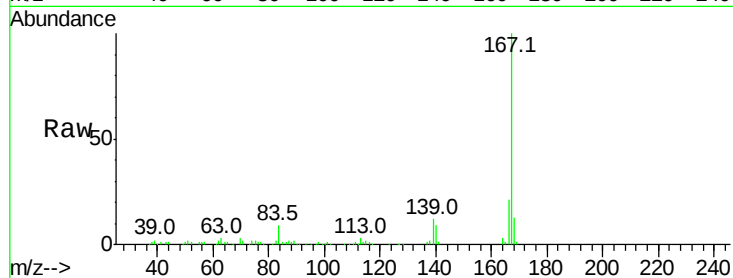




#72  
 Carbazole  
 Concen: 7.142 ng  
 RT: 11.63 min Scan# 1623  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

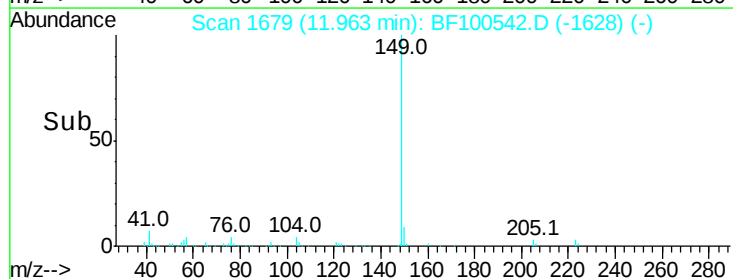
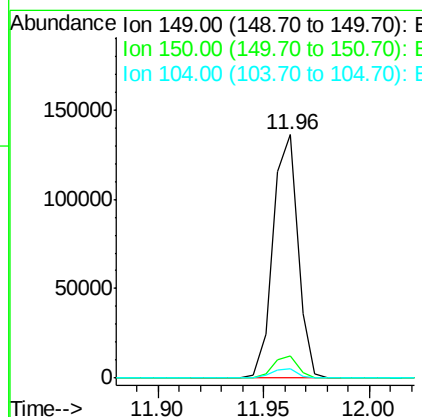
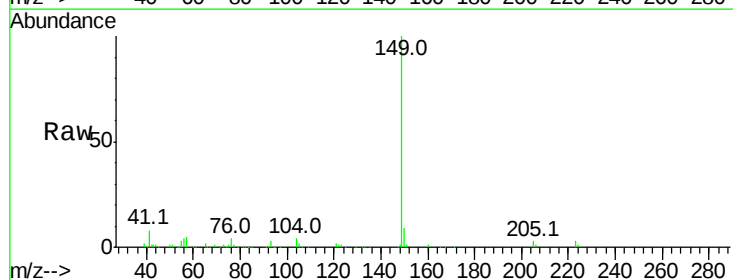
Instrument :  
 BNA\_F  
 ClientSampleId :  
 N-P001-001-0001-01MS

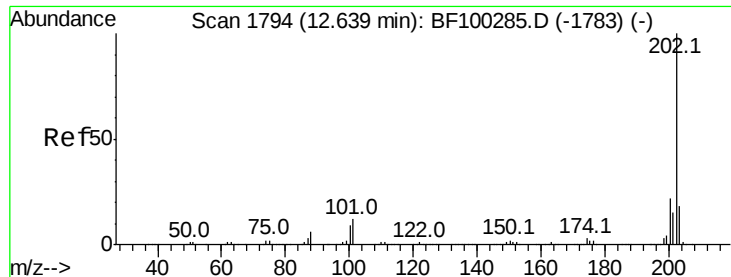
Tot Ion:167 Resp: 91779  
 Ion Ratio Lower Upper  
 167 100  
 166 21.0 17.6 26.4  
 139 12.0 10.9 16.3



#73  
 Di-n-butylphthalate  
 Concen: 7.446 ng  
 RT: 11.96 min Scan# 1679  
 Delta R.T. -0.00 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

Tgt Ion:149 Resp: 111976  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.8 11.6  
 104 4.0 3.8 5.8

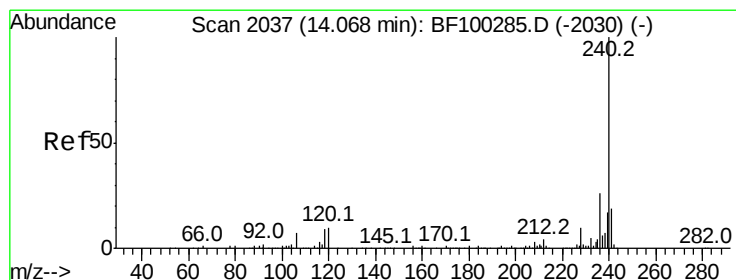
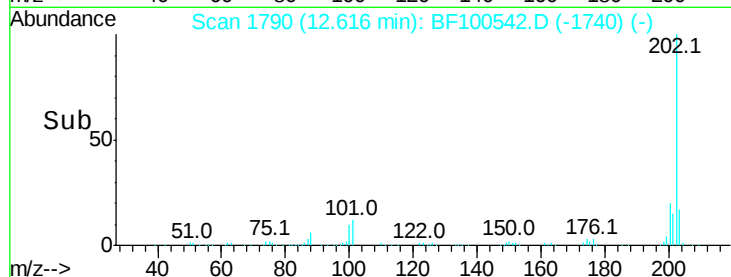
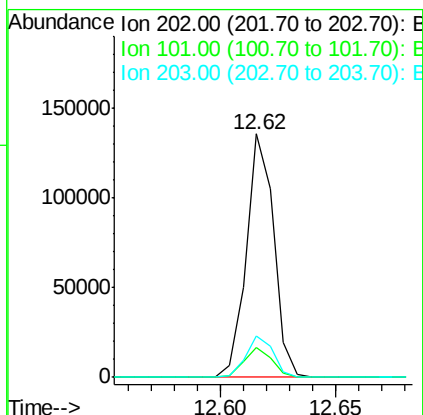
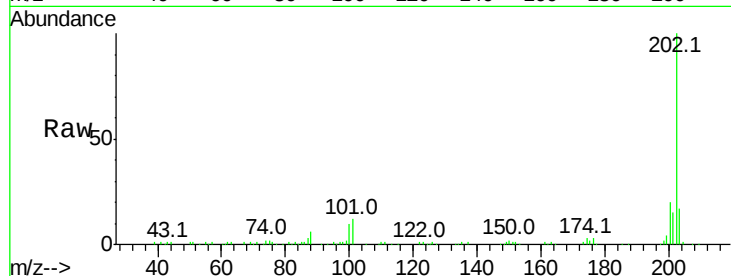




#74  
**Fluoranthene**  
 Concen: 7.744 ng  
 RT: 12.62 min Scan# 1790  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

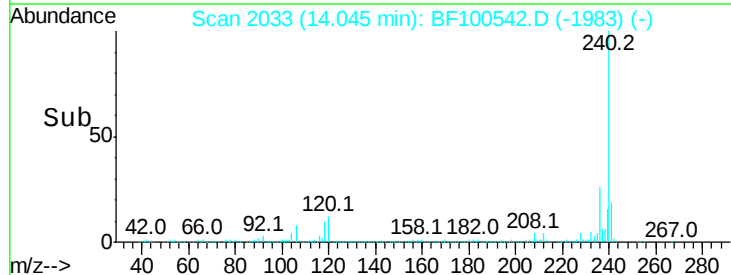
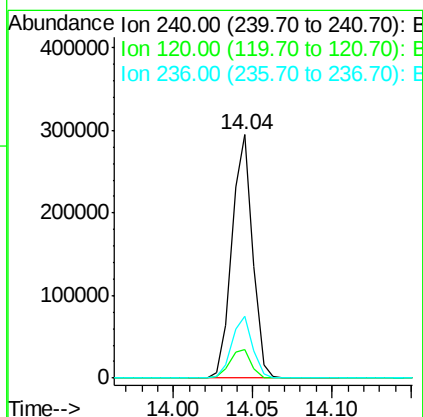
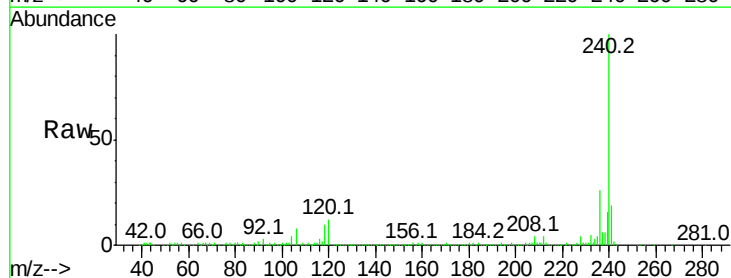
Instrument :  
 BNA\_F  
 ClientSampleId :  
 N-P001-001-0001-01MS

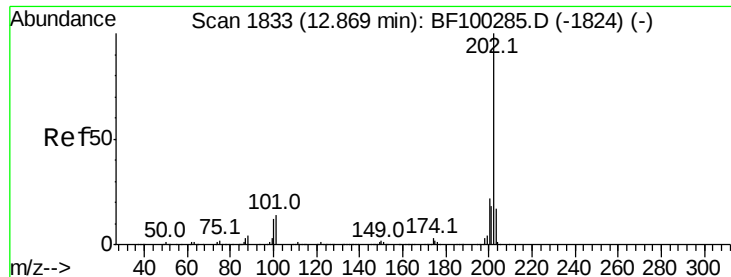
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.5  | 0.0   | 34.1  |
| 203     | 16.9  | 0.0   | 38.1  |



#75  
**Chrysene-d12**  
 Concen: 20.000 ng  
 RT: 14.04 min Scan# 2033  
 Delta R.T. -0.01 min  
 Lab File: BF100542.D  
 Acq: 14 Nov 2017 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.8  | 9.5   | 14.3  |
| 236     | 25.7  | 20.7  | 31.1  |





#77

Pvrene

Concen: 6.240 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

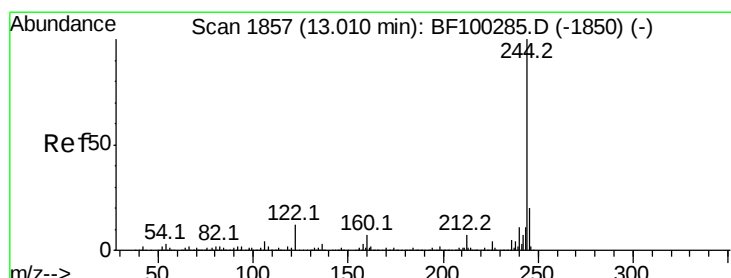
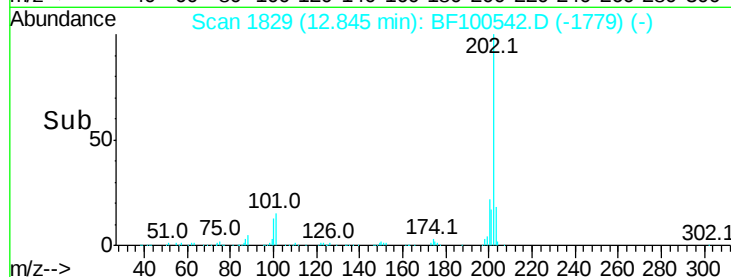
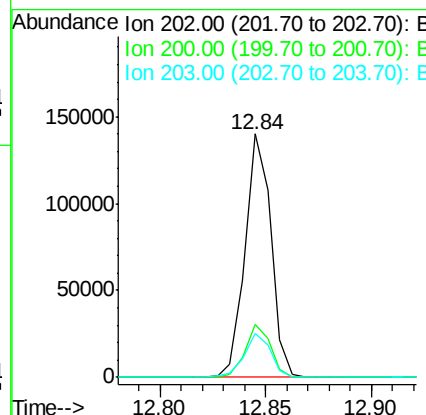
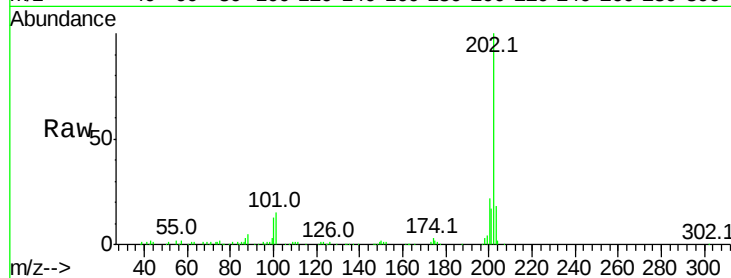
Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

Tot Ion:202 Resp: 118765

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.7  | 17.4  | 26.2  |
| 203 | 18.3  | 14.3  | 21.5  |



#78

Terphenyl-d14

Concen: 12.914 ng

RT: 12.99 min Scan# 1853

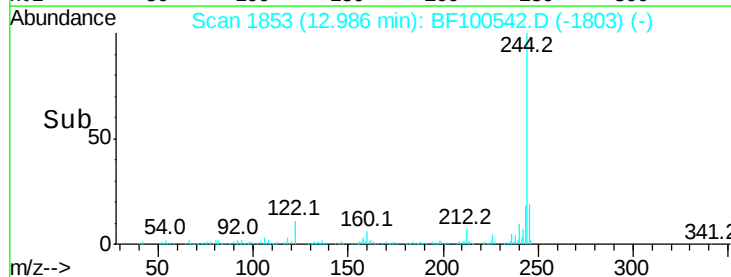
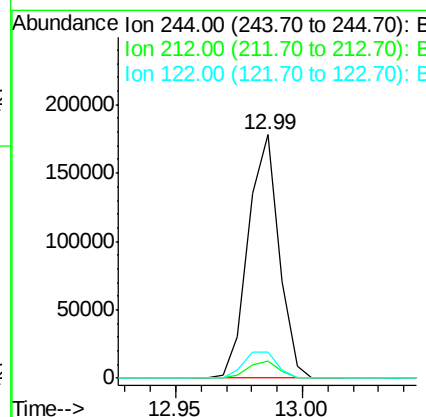
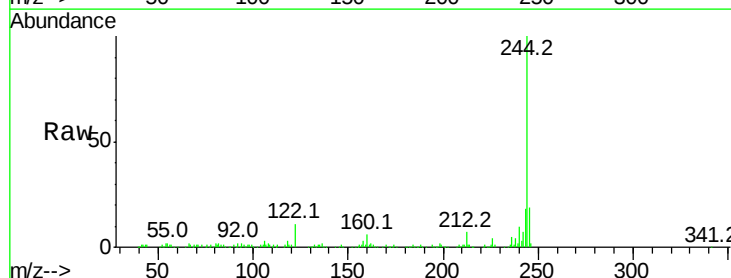
Delta R.T. -0.01 min

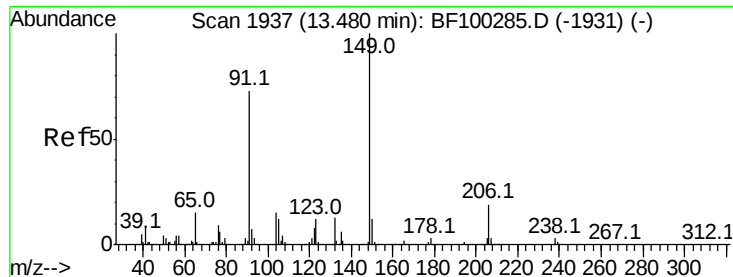
Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Tgt Ion:244 Resp: 150074

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.8   | 5.4   | 8.0   |
| 122 | 10.8  | 11.0  | 16.4# |

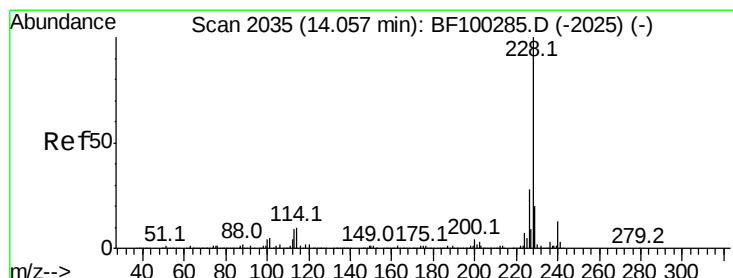
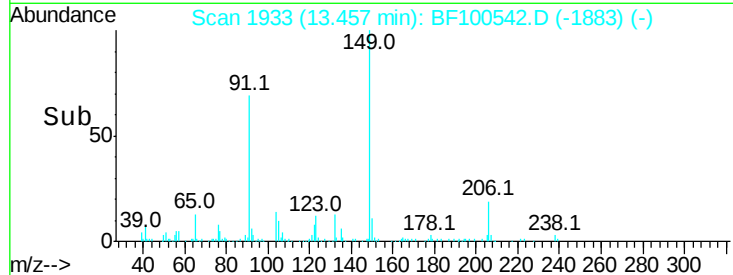
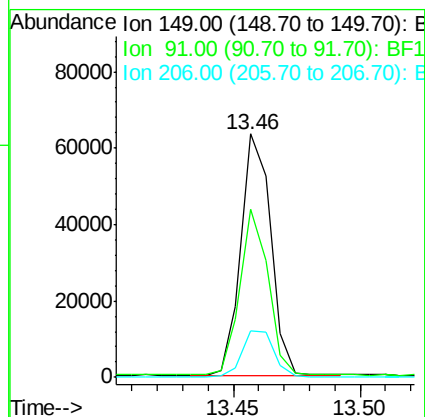
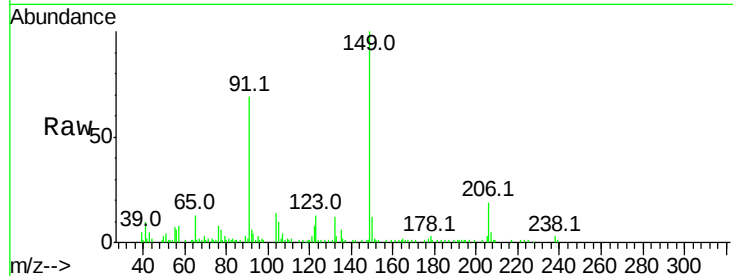




#79  
Butylbenzylphthalate  
Concen: 6.745 ng  
RT: 13.46 min Scan# 1933  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

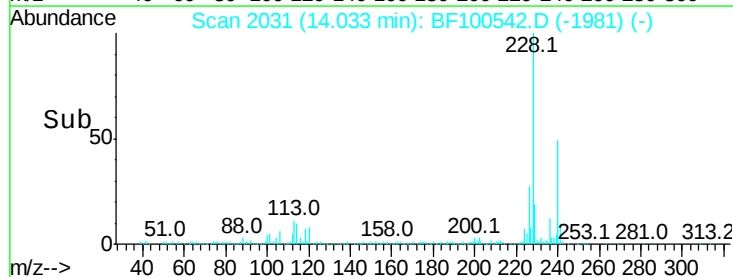
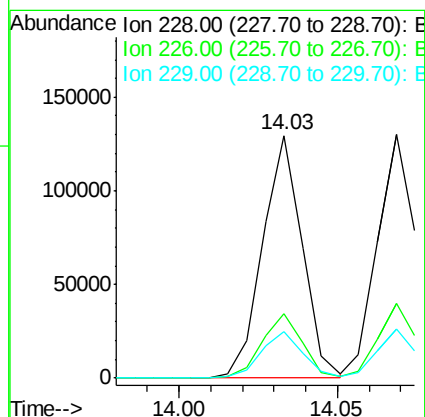
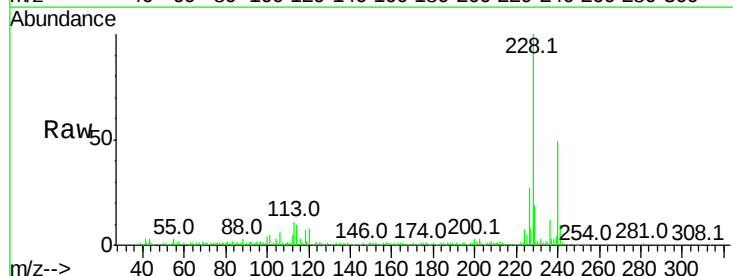
Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

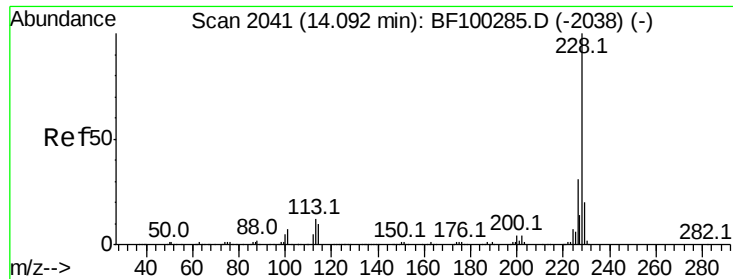
Tot Ion:149 Resp: 52359  
Ion Ratio Lower Upper  
149 100  
91 69.3 56.8 85.2  
206 19.2 14.1 21.1



#80  
Benzo(a)anthracene  
Concen: 7.001 ng  
RT: 14.03 min Scan# 2031  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion:228 Resp: 112574  
Ion Ratio Lower Upper  
228 100  
226 26.5 22.6 33.8  
229 19.4 15.8 23.6





#82

Chrysene

Concen: 6.970 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Instrument :

BNA\_F

ClientSampleId :

N-P001-001-0001-01MS

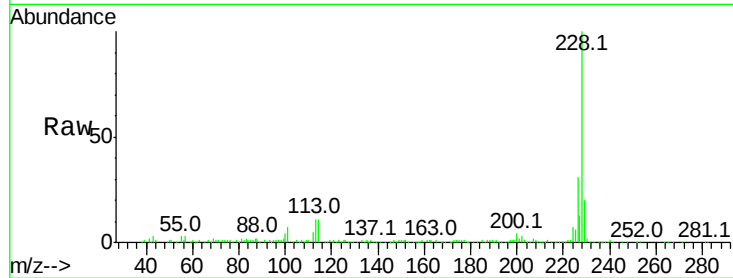
Tot Ion:228 Resp: 108535

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

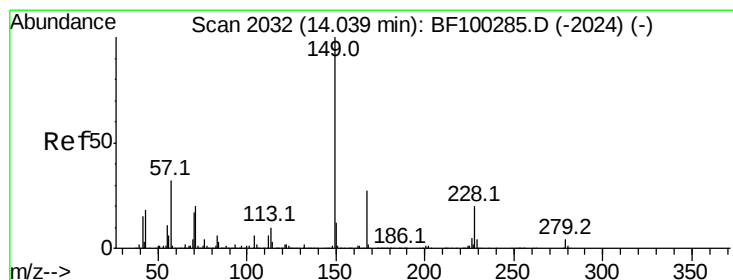
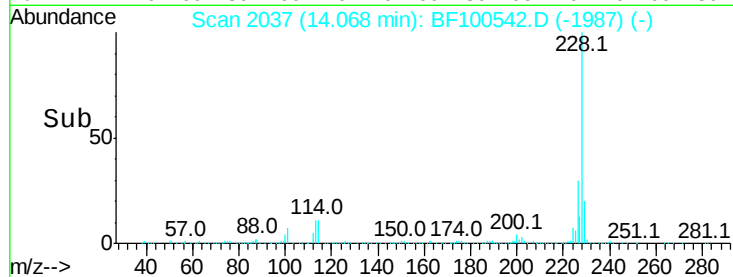
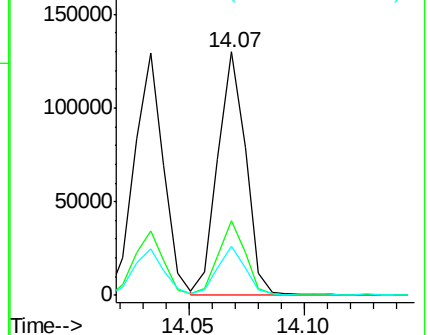
229 20.0 16.2 24.4



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: 7.785 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

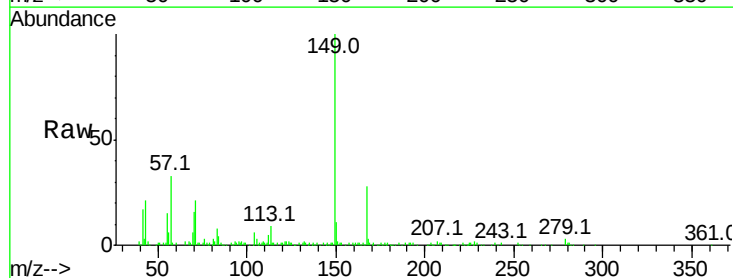
Tgt Ion:149 Resp: 79479

Ion Ratio Lower Upper

149 100

167 28.0 21.3 31.9

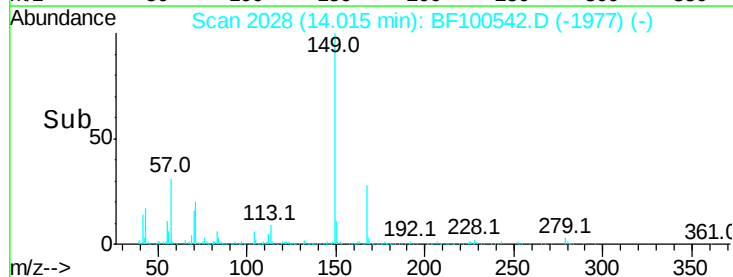
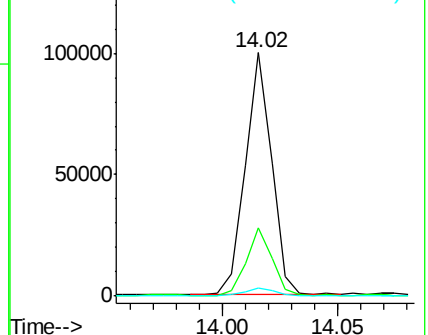
279 3.5 3.0 4.4

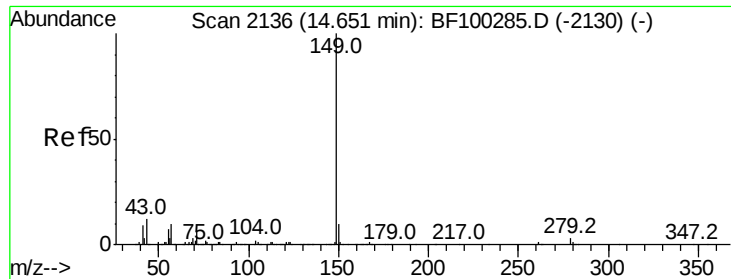


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

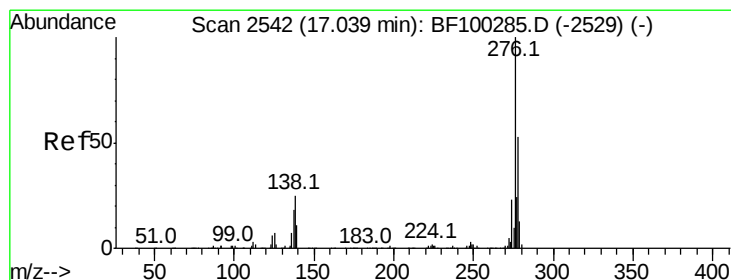
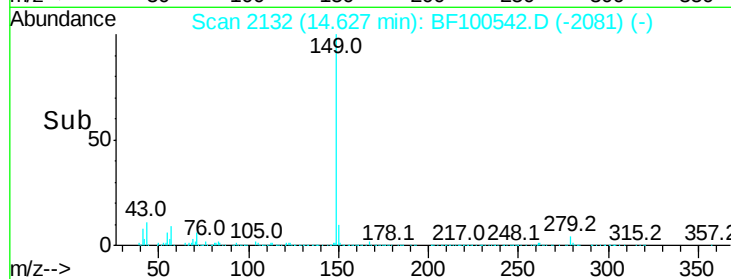
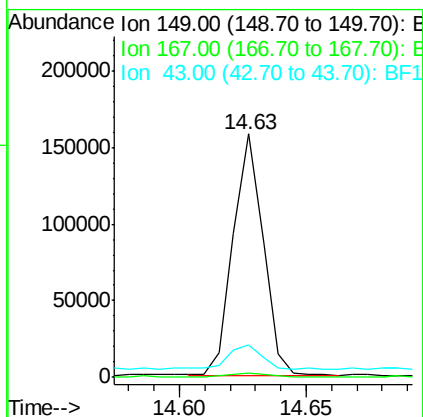
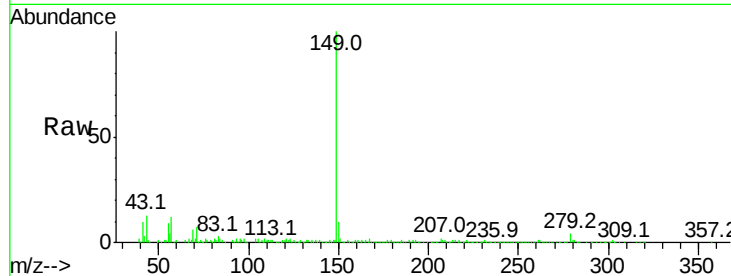




#84  
Di-n-octyl phthalate  
Concen: 7.378 ng  
RT: 14.63 min Scan# 2132  
Delta R.T. -0.00 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

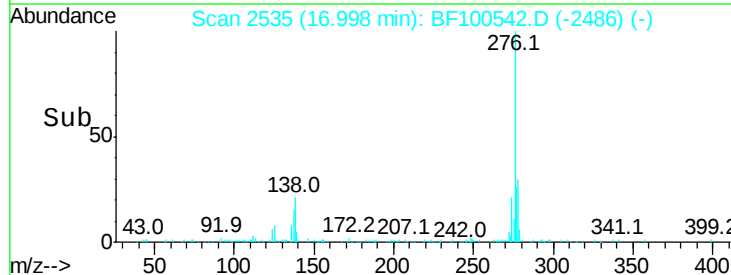
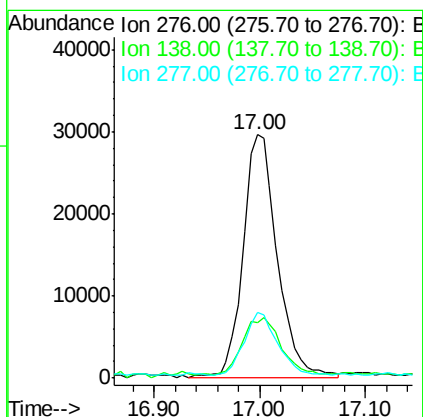
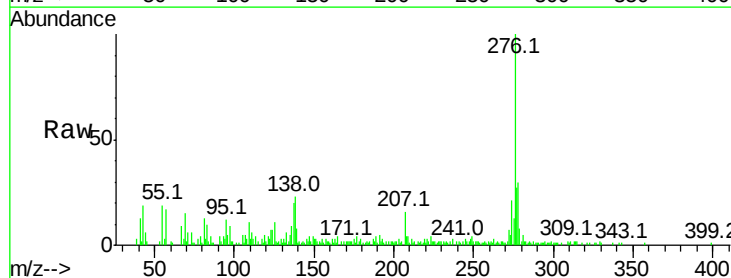
Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

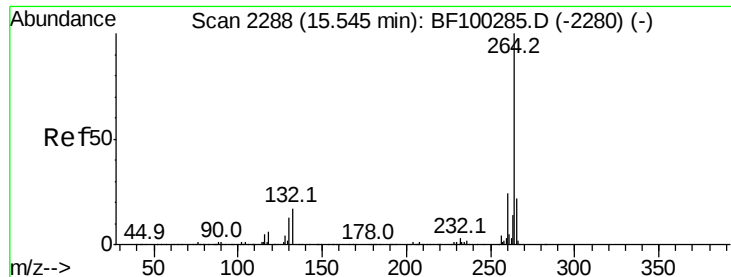
Tot Ion:149 Resp: 129396  
Ion Ratio Lower Upper  
149 100  
167 2.0 1.2 1.8#  
43 12.1 8.4 12.6



#85  
Indeno(1,2,3-cd)pyrene  
Concen: 5.328 ng  
RT: 17.00 min Scan# 2535  
Delta R.T. -0.01 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion:276 Resp: 67103  
Ion Ratio Lower Upper  
276 100  
138 25.9 25.0 37.6  
277 24.5 20.1 30.1



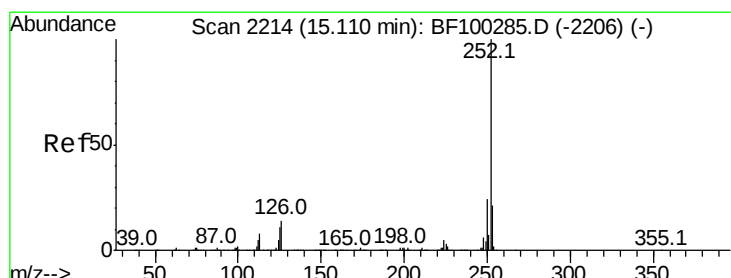
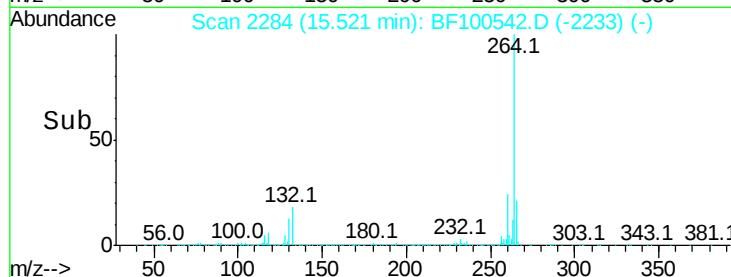
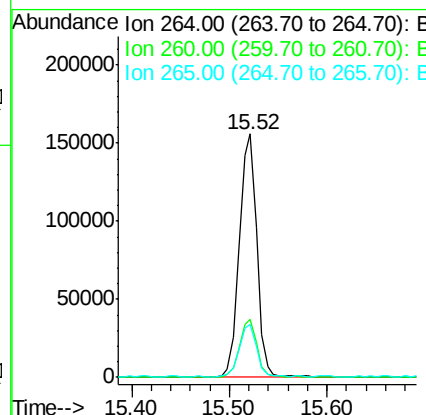
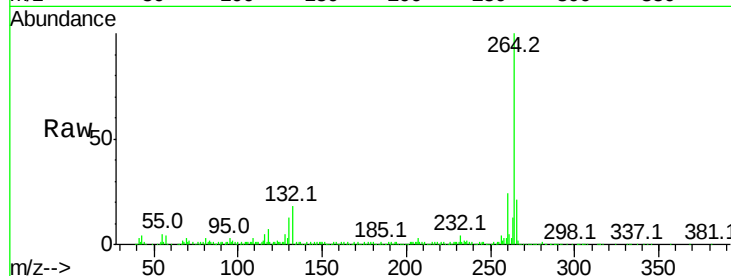


#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.52 min Scan# 2284  
Delta R.T. -0.00 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

Tot Ion:264 Resp: 194406  

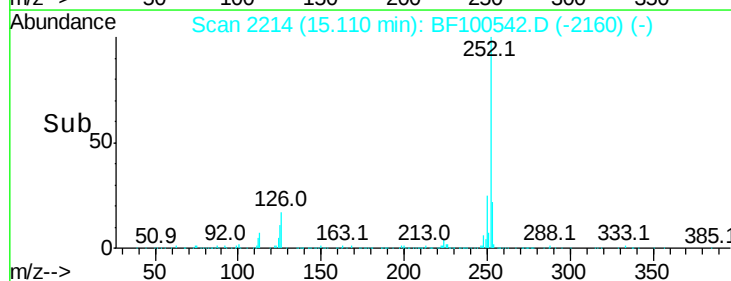
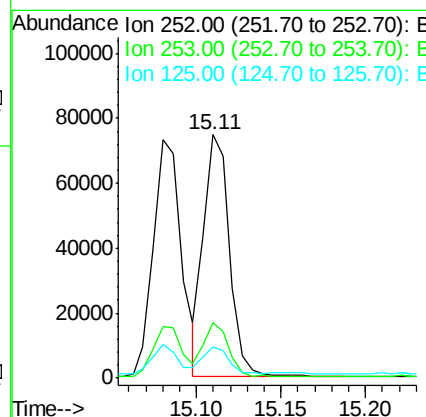
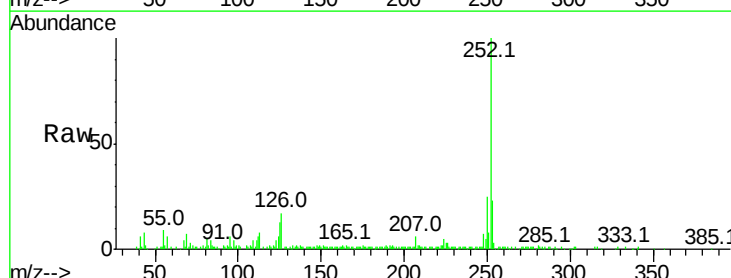
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 19.2  | 28.8  |
| 265 | 21.5  | 17.5  | 26.3  |

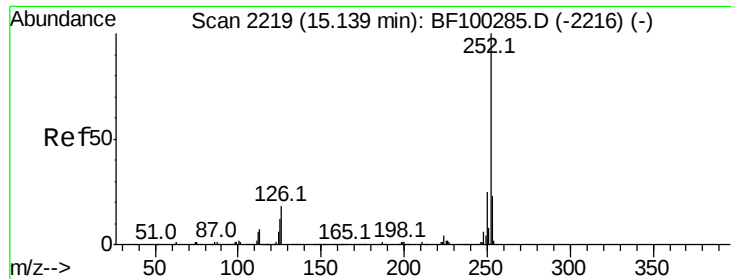


#87  
Benzo(b)fluoranthene  
Concen: 6.860 ng  
RT: 15.11 min Scan# 2214  
Delta R.T. 0.02 min  
Lab File: BF100542.D  
Acq: 14 Nov 2017 15:04

Tgt Ion:252 Resp: 79014  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.6  | 17.0  | 25.6  |
| 125 | 12.6  | 9.0   | 13.6  |





#88

Benzo(k)fluoranthene

Concen: 7.261 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.01 min

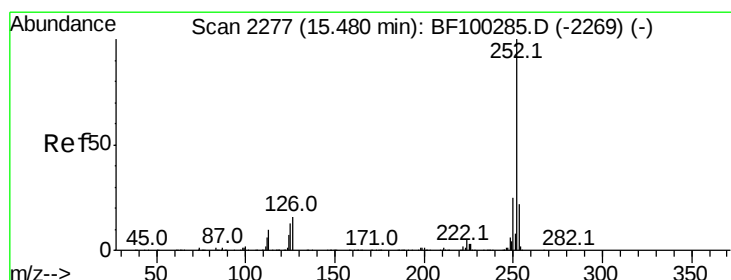
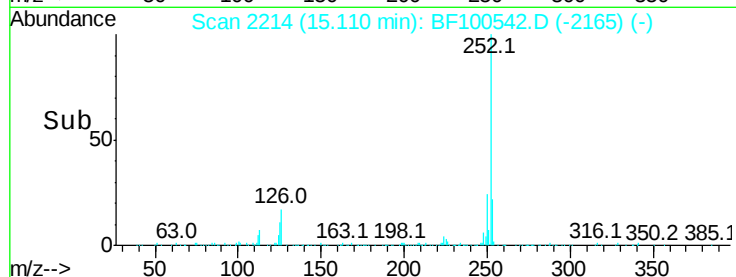
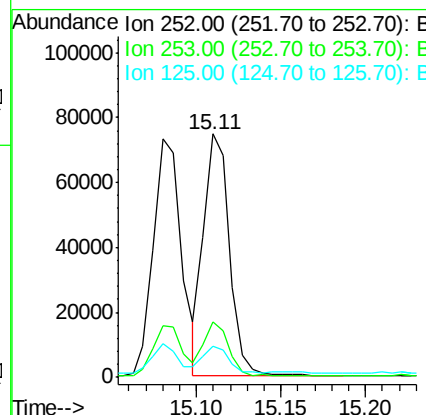
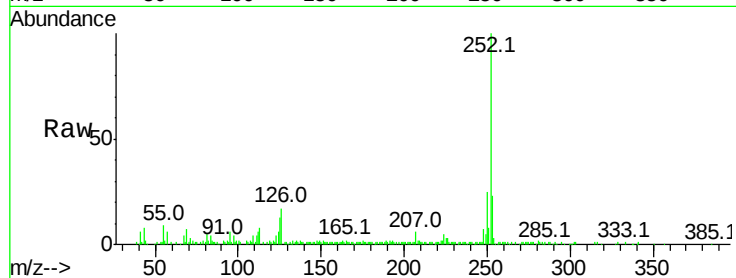
Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Instrument :  
BNA\_F  
ClientSampleId :  
N-P001-001-0001-01MS

Tot Ion:252 Resp: 79014

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.6  | 17.9  | 26.9  |
| 125 | 12.6  | 10.2  | 15.2  |



#89

Benzo(a)pyrene

Concen: 6.665 ng

RT: 15.45 min Scan# 2272

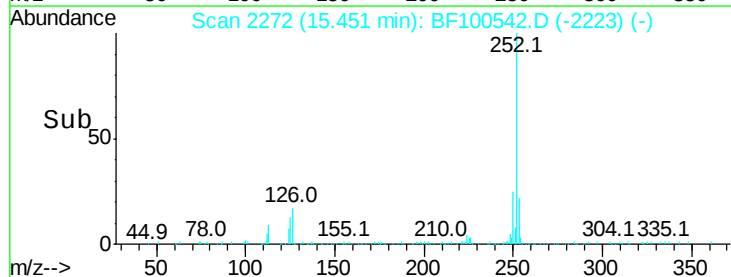
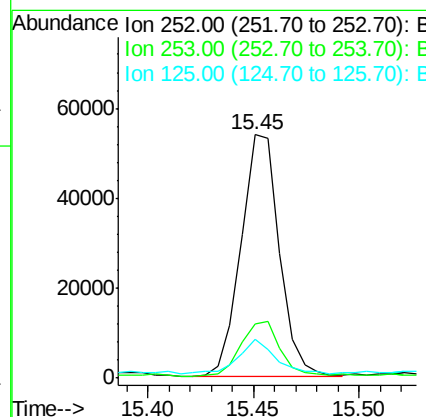
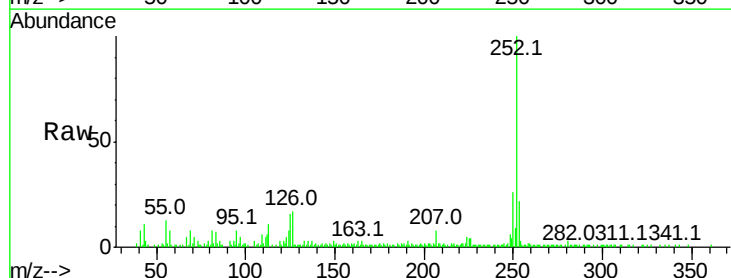
Delta R.T. -0.01 min

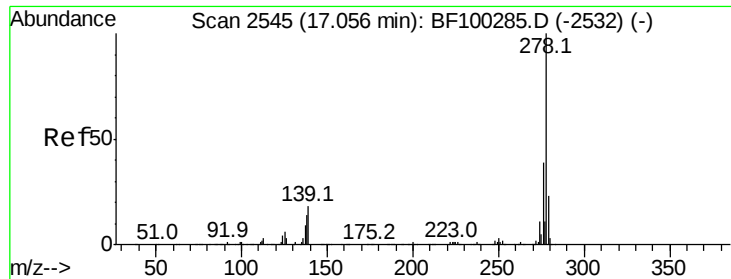
Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Tgt Ion:252 Resp: 68053

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.4  | 17.1  | 25.7  |
| 125 | 16.1  | 9.8   | 14.6  |





#90

Dibenzo(a,h)anthracene

Concen: 6.773 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Instrument :

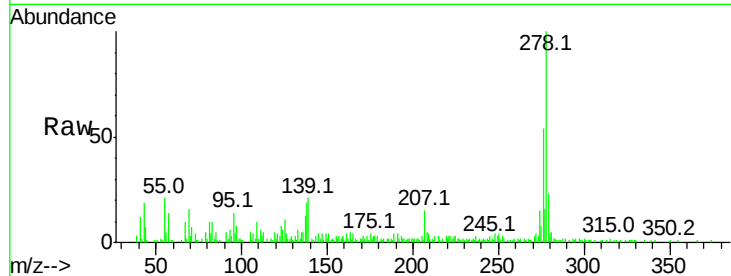
BNA\_F

ClientSampleId :

N-P001-001-0001-01MS

Tot Ion:278 Resp: 56555

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 20.6  | 15.9  | 23.9  |
| 279 | 23.3  | 19.0  | 28.4  |

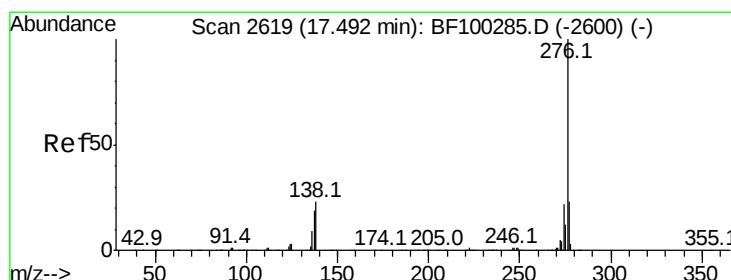
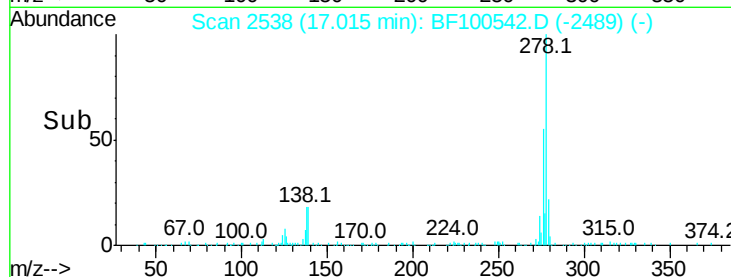
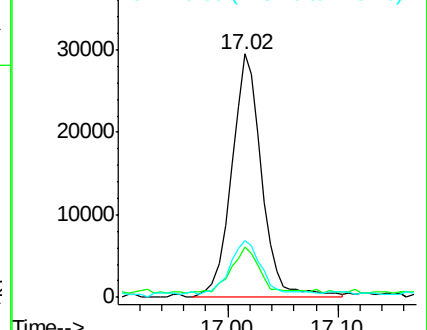


Abundance

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(g,h,i)perylene

Concen: 6.706 ng

RT: 17.44 min Scan# 2611

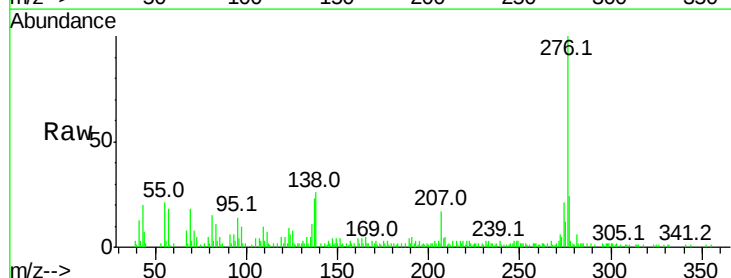
Delta R.T. -0.02 min

Lab File: BF100542.D

Acq: 14 Nov 2017 15:04

Tgt Ion:276 Resp: 54819

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.3  | 17.9  | 26.9  |
| 138 | 26.2  | 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

