

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\  
 Data File : BF076924.D  
 Acq On : 19 Jan 2015 11:55  
 Operator : IZ / TP  
 Sample : PB81373BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

Quant Time: Jan 20 09:44:07 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 19 23:54:01 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.98  | 152  | 32520    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.88 | 136  | 138947   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.02 | 164  | 78153    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.79 | 188  | 129322   | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12          | 21.27 | 240  | 112283   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 22.93 | 264  | 104050   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.03  | 112  | 248082   | 125.43 | ng    | 0.00     |
| 7) Phenol-d6                | 7.37  | 99   | 306910   | 123.00 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.27  | 82   | 191836   | 76.49  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 16.69 | 330  | 73714    | 116.20 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.53 | 172  | 401304   | 78.14  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.00 | 244  | 394156   | 80.81  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 1.30  | 88   | 25604    | 30.23 | ng    | # 92   |
| 3) Pyridine                    | 1.78  | 79   | 73493    | 33.54 | ng    | 96     |
| 4) n-Nitrosodimethylamine      | 1.74  | 42   | 39686    | 36.56 | ng    | 98     |
| 6) Aniline                     | 7.26  | 93   | 66185    | 19.17 | ng    | 98     |
| 8) 2-Chlorophenol              | 7.50  | 128  | 89258    | 39.14 | ng    | 94     |
| 9) Benzaldehyde                | 6.98  | 77   | 23942    | 14.78 | ng    | 96     |
| 10) Phenol                     | 7.40  | 94   | 105047   | 39.65 | ng    | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.51  | 93   | 81610    | 39.37 | ng    | 87     |
| 12) 1,3-Dichlorobenzene        | 7.82  | 146  | 91156    | 35.14 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 8.01  | 146  | 96283    | 35.00 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.32  | 146  | 92807    | 36.61 | ng    | 96     |
| 15) Benzyl Alcohol             | 8.40  | 79   | 75850    | 37.57 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.76  | 45   | 105349   | 37.80 | ng    | 89     |
| 17) 2-Methylphenol             | 8.74  | 107  | 71081    | 38.15 | ng    | 99     |
| 18) Hexachloroethane           | 9.08  | 117  | 34503    | 36.06 | ng    | 94     |
| 19) n-Nitroso-di-n-propylamine | 9.03  | 70   | 62932    | 36.03 | ng    | 96     |
| 20) 3+4-Methylphenols          | 9.13  | 107  | 91010    | 36.89 | ng    | 95     |
| 22) Acetophenone               | 8.96  | 105  | 130266   | 38.28 | ng    | 96     |
| 24) Nitrobenzene               | 9.32  | 77   | 100070   | 39.17 | ng    | 100    |
| 25) Isophorone                 | 9.91  | 82   | 169964   | 37.21 | ng    | 95     |
| 26) 2-Nitrophenol              | 10.05 | 139  | 44436    | 34.48 | ng    | # 87   |
| 27) 2,4-Dimethylphenol         | 10.32 | 122  | 80896    | 40.95 | ng    | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.54 | 93   | 105322   | 40.57 | ng    | 95     |
| 29) 2,4-Dichlorophenol         | 10.65 | 162  | 76168    | 41.36 | ng    | 91     |
| 30) 1,2,4-Trichlorobenzene     | 10.79 | 180  | 77464    | 37.87 | ng    | 96     |
| 31) Naphthalene                | 10.93 | 128  | 260679   | 36.44 | ng    | 99     |
| 32) Benzoic acid               | 10.68 | 122  | 45044m   | 41.15 | ng    |        |
| 33) 4-Chloroaniline            | 11.17 | 127  | 59504    | 20.59 | ng    | 96     |
| 34) Hexachlorobutadiene        | 11.29 | 225  | 43763    | 36.06 | ng    | 97     |
| 35) Caprolactam                | 12.00 | 113  | 21341m   | 39.37 | ng    |        |
| 36) 4-Chloro-3-methylphenol    | 12.47 | 107  | 82152    | 38.96 | ng    | 97     |
| 37) 2-Methylnaphthalene        | 12.59 | 142  | 189225   | 38.73 | ng    | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216  | 74255    | 38.43 | ng    | 97     |
| 40) Hexachlorocyclopentadiene  | 12.97 | 237  | 77174    | 74.53 | ng    | 98     |

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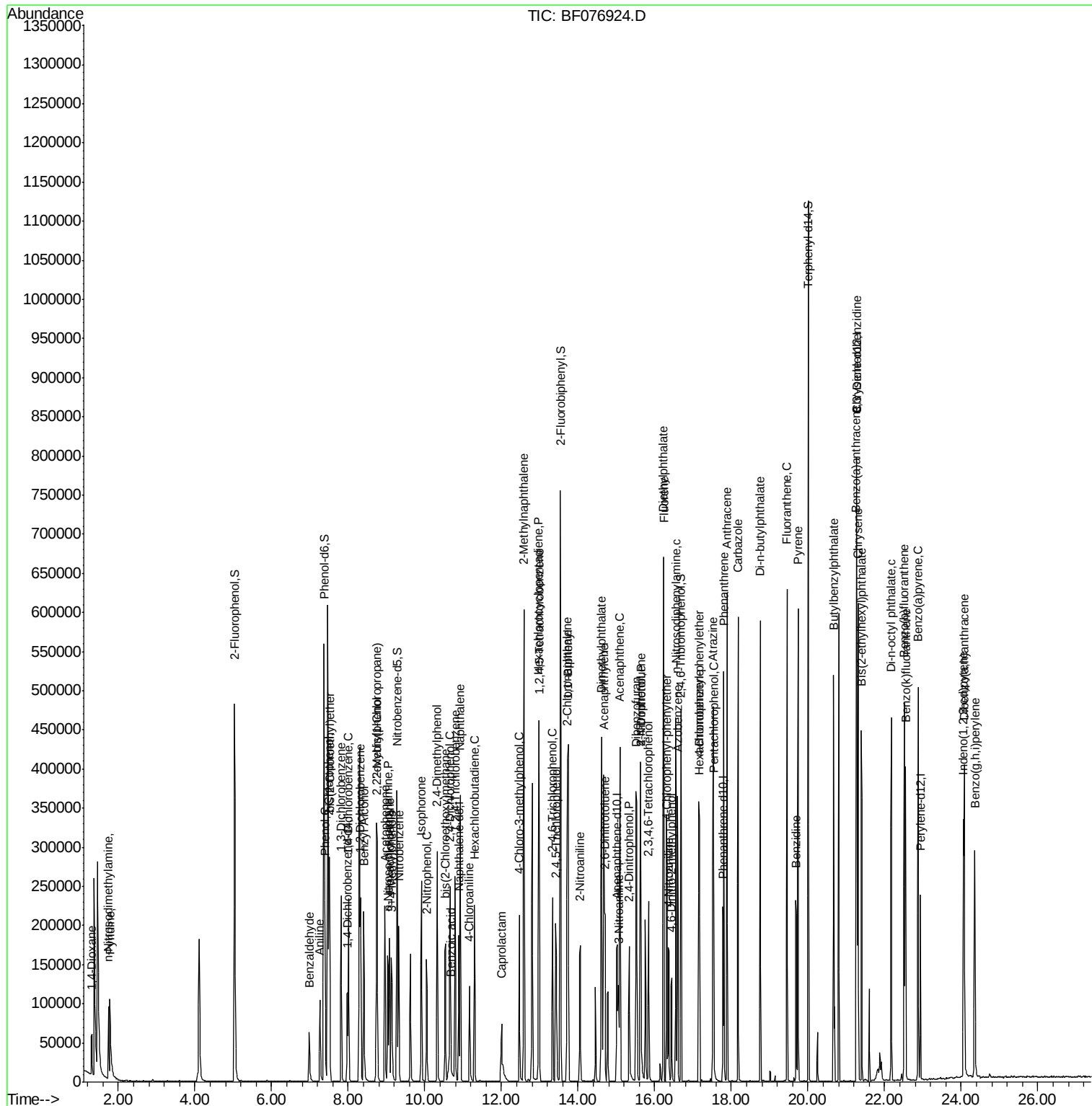
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.33 | 196  | 51034    | 36.25 | ng    | 95       |
| 43) 2,4,5-Trichlorophenol      | 13.42 | 196  | 53696    | 37.40 | ng    | 98       |
| 45) 1,1'-Biphenyl              | 13.74 | 154  | 218697   | 37.75 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.72 | 162  | 174590   | 36.62 | ng    | 99       |
| 47) 2-Nitroaniline             | 14.06 | 65   | 55328    | 38.25 | ng    | # 79     |
| 48) Acenaphthylene             | 14.67 | 152  | 288669   | 35.89 | ng    | 99       |
| 49) Dimethylphthalate          | 14.61 | 163  | 214583   | 38.72 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.70 | 165  | 43241    | 39.05 | ng    | 92       |
| 51) Acenaphthene               | 15.09 | 154  | 160910   | 35.27 | ng    | 97       |
| 52) 3-Nitroaniline             | 15.05 | 138  | 34794    | 24.97 | ng    | 93       |
| 53) 2,4-Dinitrophenol          | 15.33 | 184  | 36065    | 70.96 | ng    | 93       |
| 54) Dibenzofuran               | 15.51 | 168  | 246225   | 37.04 | ng    | 97       |
| 55) 4-Nitrophenol              | 15.64 | 139  | 67013    | 77.13 | ng    | # 84     |
| 56) 2,4-Dinitrotoluene         | 15.64 | 165  | 64116    | 39.04 | ng    | # 86     |
| 57) Fluorene                   | 16.23 | 166  | 205790   | 36.54 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.84 | 232  | 37188    | 35.57 | ng    | 91       |
| 59) Diethylphthalate           | 16.22 | 149  | 215551   | 38.48 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 16.32 | 204  | 90997    | 39.50 | ng    | # 82     |
| 61) 4-Nitroaniline             | 16.37 | 138  | 46267    | 33.59 | ng    | 93       |
| 62) Azobenzene                 | 16.60 | 77   | 221281   | 37.91 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 16.44 | 198  | 28342    | 35.06 | ng    | 98       |
| 65) n-Nitrosodiphenylamine     | 16.55 | 169  | 172143   | 37.33 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 17.16 | 248  | 50279    | 38.38 | ng    | # 86     |
| 67) Hexachlorobenzene          | 17.17 | 284  | 53415    | 38.69 | ng    | # 87     |
| 68) Atrazine                   | 17.52 | 200  | 61180    | 43.72 | ng    | 98       |
| 69) Pentachlorophenol          | 17.53 | 266  | 46165    | 73.51 | ng    | 98       |
| 70) Phenanthrene               | 17.81 | 178  | 295727   | 36.67 | ng    | 99       |
| 71) Anthracene                 | 17.89 | 178  | 292542   | 37.20 | ng    | 98       |
| 72) Carbazole                  | 18.17 | 167  | 282319   | 37.01 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.76 | 149  | 339611   | 38.46 | ng    | 99       |
| 74) Fluoranthene               | 19.45 | 202  | 302203   | 36.57 | ng    | 98       |
| 76) Benzidine                  | 19.69 | 184  | 135051   | 37.59 | ng    | 99       |
| 77) Pyrene                     | 19.74 | 202  | 311318   | 40.46 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.67 | 149  | 142054   | 40.76 | ng    | 96       |
| 80) Benzo(a)anthracene         | 21.26 | 228  | 268963   | 38.18 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.27 | 252  | 53034    | 23.69 | ng    | # 98     |
| 82) Chrysene                   | 21.31 | 228  | 250271   | 38.96 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.40 | 149  | 188164   | 39.02 | ng    | # 93     |
| 84) Di-n-octyl phthalate       | 22.17 | 149  | 318259   | 38.03 | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 24.06 | 276  | 250084   | 36.73 | ng    | # 83     |
| 87) Benzo(b)fluoranthene       | 22.52 | 252  | 237894   | 33.95 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 22.55 | 252  | 239969m  | 39.19 | ng    |          |
| 89) Benzo(a)pyrene             | 22.87 | 252  | 232367   | 37.59 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 24.08 | 278  | 212809   | 37.52 | ng    | # 95     |
| 91) Benzo(g,h,i)perylene       | 24.36 | 276  | 213309   | 37.83 | ng    | 99       |

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

Instrument :

BNA\_F

ClientSampleId :

PB81373BS

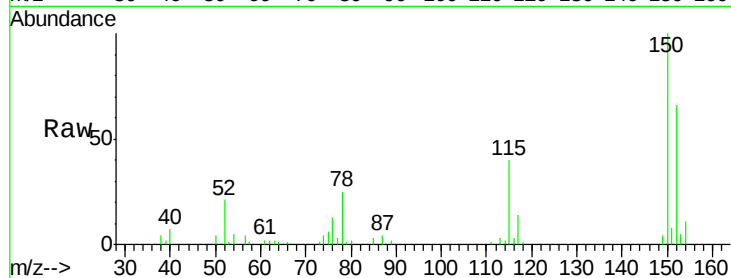
Tot Ion:152 Resp: 32520

Ion Ratio Lower Upper

152 100

150 151.3 121.7 182.5

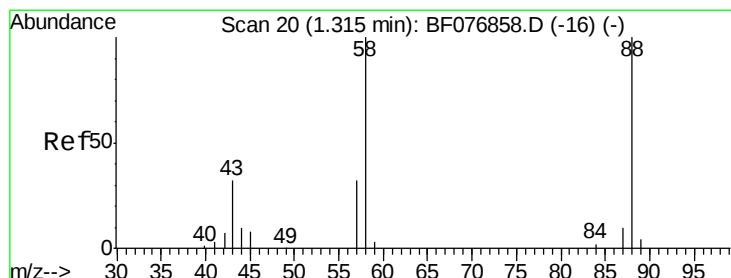
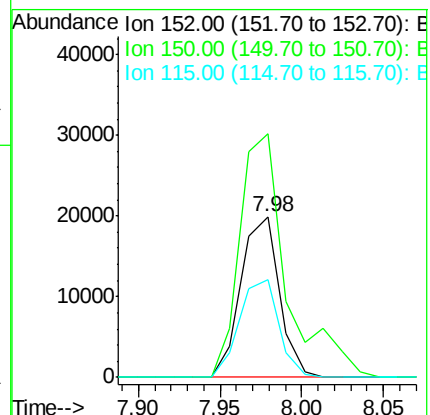
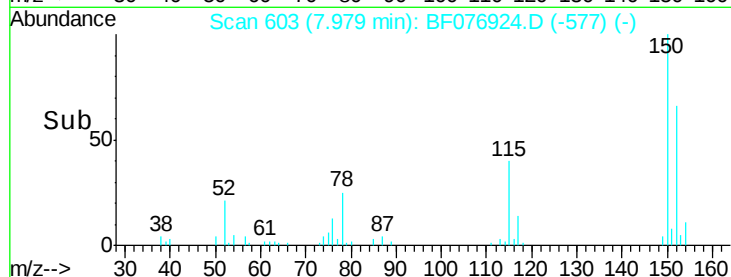
115 60.7 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.23 ng

RT: 1.30 min Scan# 19

Delta R.T. 0.02 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

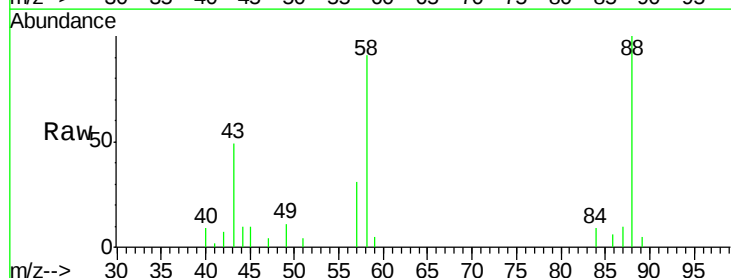
Tgt Ion: 88 Resp: 25604

Ion Ratio Lower Upper

88 100

58 99.3 77.0 115.4

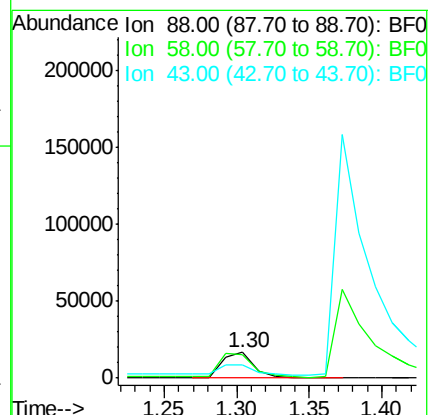
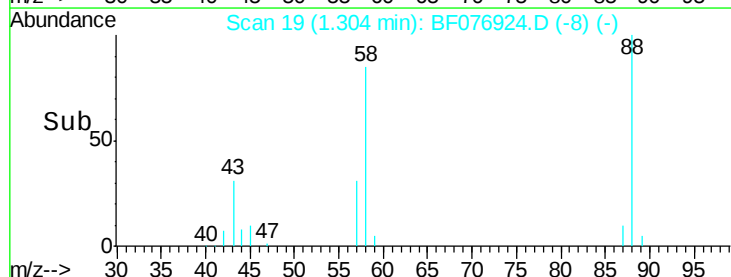
43 44.9 25.6 38.4#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.54 ng

RT: 1.78 min Scan# 61

Delta R.T. 0.03 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

Instrument :

BNA\_F

ClientSampleId :

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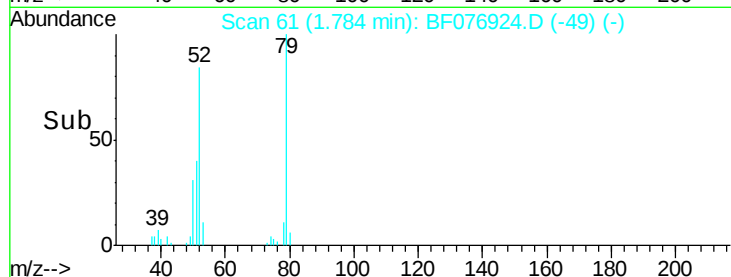
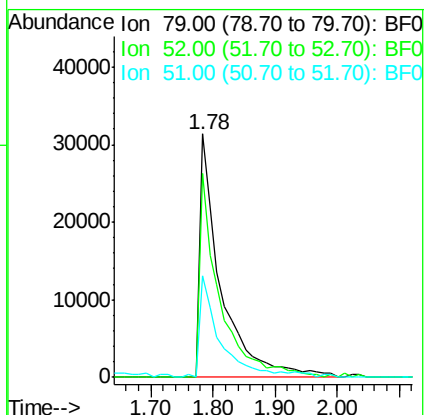
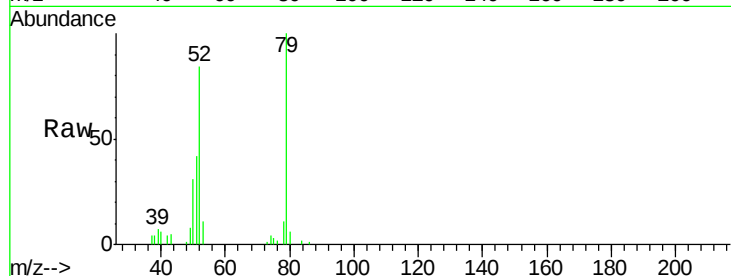
Tot Ion: 79 Resp: 73493

Ion Ratio Lower Upper

79 100

52 84.0 70.1 105.1

51 41.7 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 36.56 ng

RT: 1.74 min Scan# 57

Delta R.T. 0.02 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

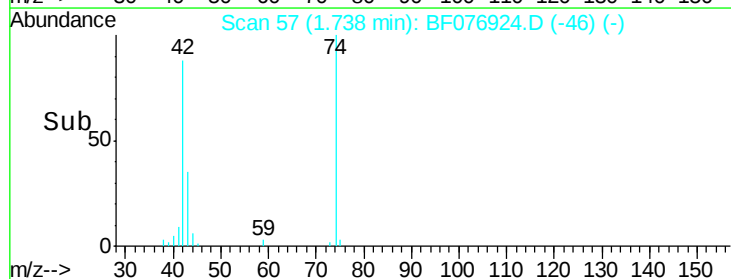
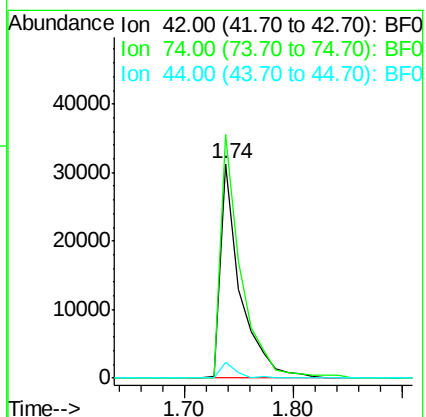
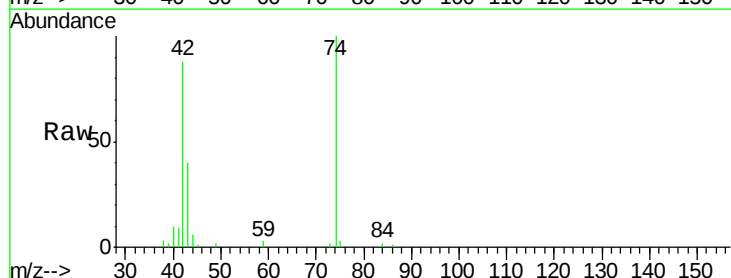
Tgt Ion: 42 Resp: 39686

Ion Ratio Lower Upper

42 100

74 113.6 92.4 138.6

44 7.2 6.2 9.2

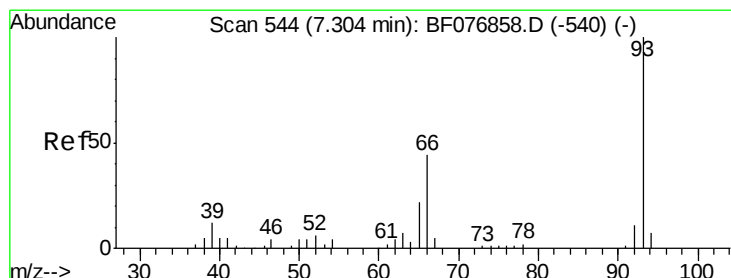
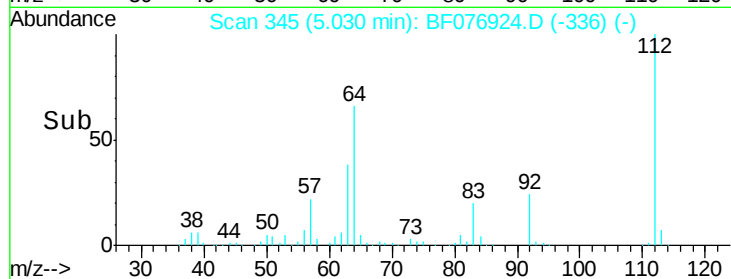
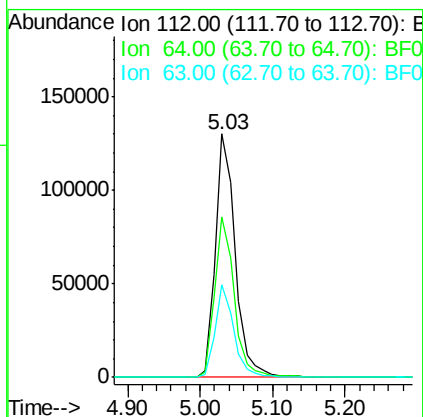
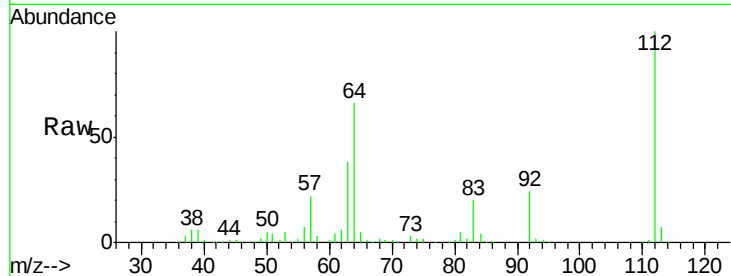




#5  
 2-Fluorophenol  
 Concen: 125.43 ng  
 RT: 5.03 min Scan# 345  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

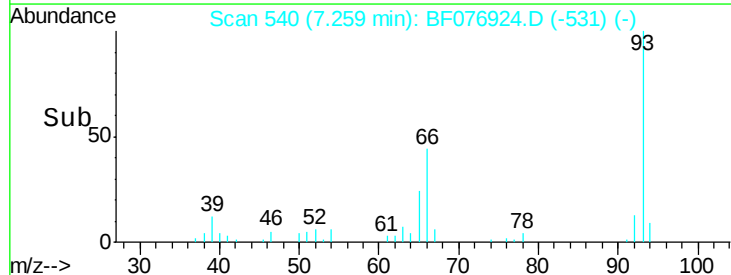
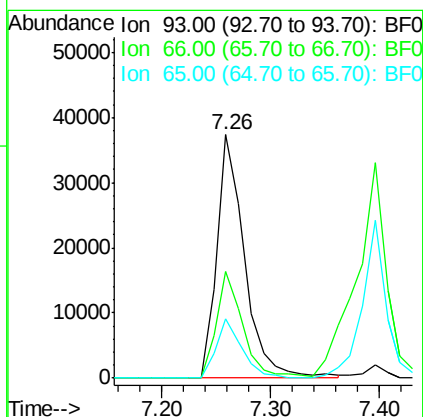
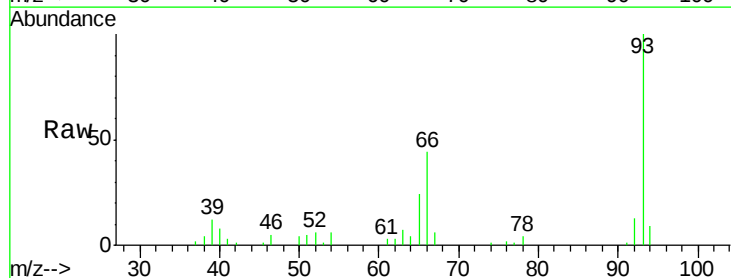
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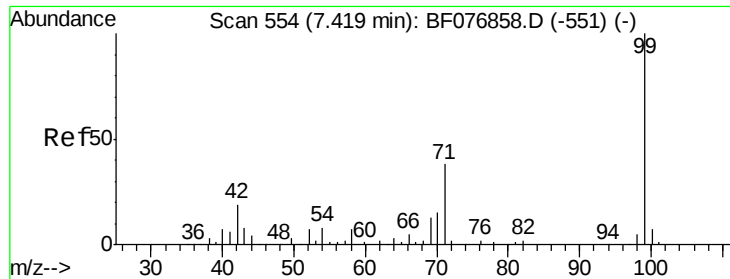
Tot Ion: 112 Resp: 248082  
 Ion Ratio Lower Upper  
 112 100  
 64 65.9 54.2 81.4  
 63 37.9 28.4 42.6



#6  
 Aniline  
 Concen: 19.17 ng  
 RT: 7.26 min Scan# 540  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Tgt Ion: 93 Resp: 66185  
 Ion Ratio Lower Upper  
 93 100  
 66 44.0 35.0 52.4  
 65 24.3 17.7 26.5





#7

Phenol-d6

Concen: 123.00 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

Instrument :

BNA\_F

ClientSampleId :

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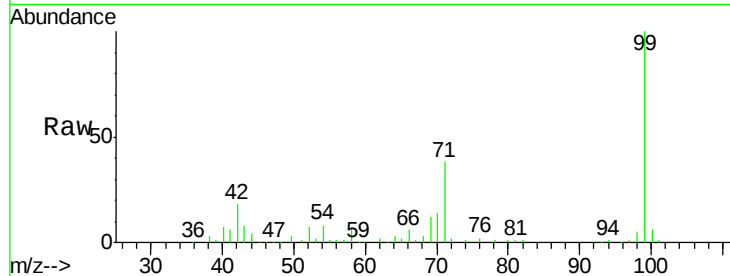
Tot Ion: 99 Resp: 306910

Ion Ratio Lower Upper

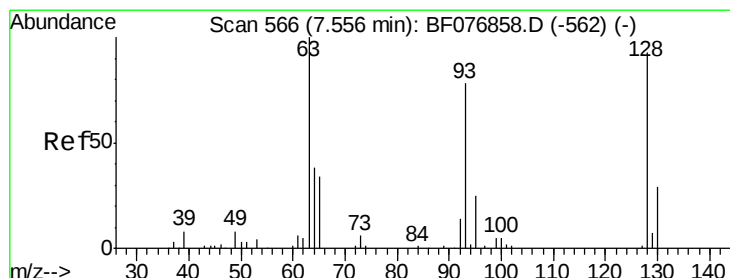
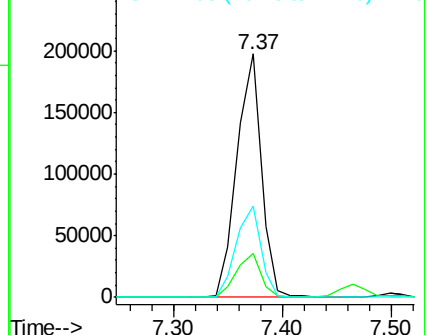
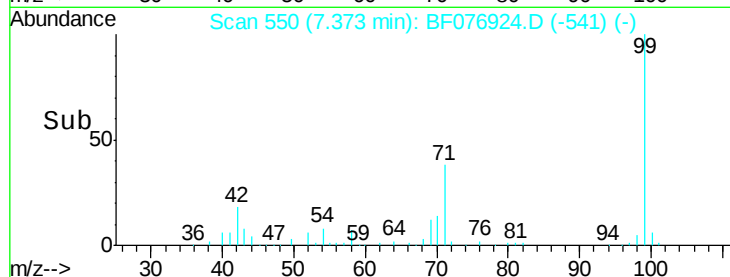
99 100

42 17.9 15.0 22.4

71 37.6 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.14 ng

RT: 7.50 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

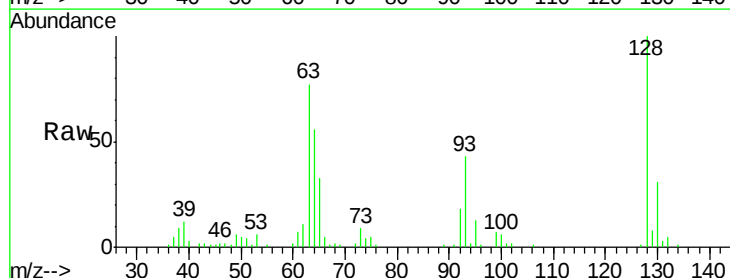
Tgt Ion: 128 Resp: 89258

Ion Ratio Lower Upper

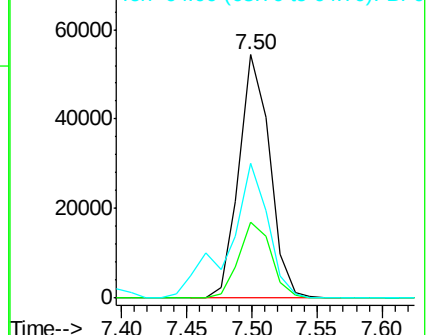
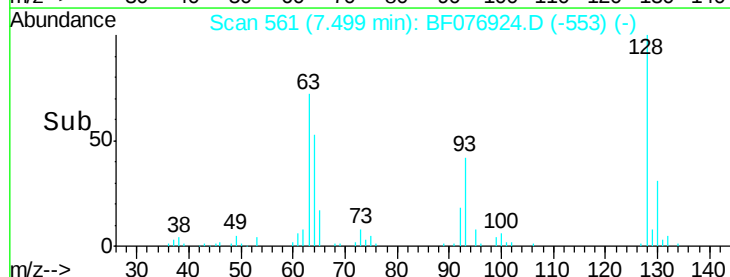
128 100

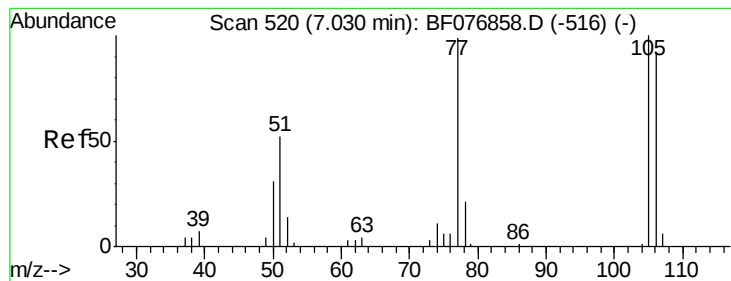
130 31.0 11.0 51.0

64 55.5 29.3 69.3



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): BF0





#9

Benzaldehyde

Concen: 14.78 ng

RT: 6.98 min Scan# 516

Delta R.T. -0.00 min

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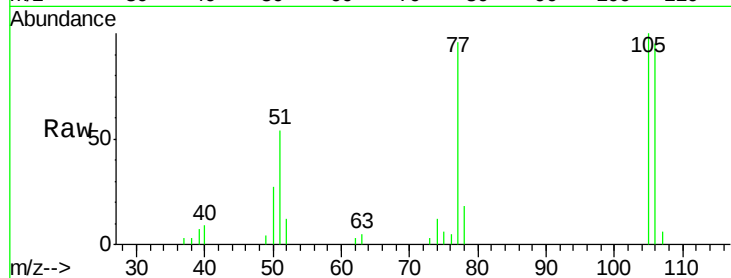
Tot Ion: 77 Resp: 23942

Ion Ratio Lower Upper

77 100

105 103.7 81.4 121.4

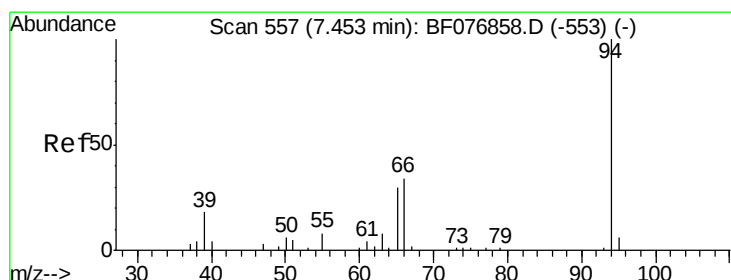
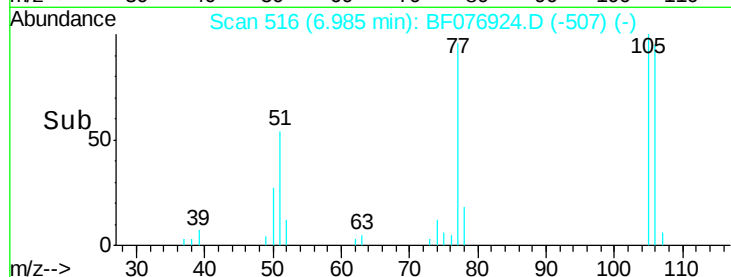
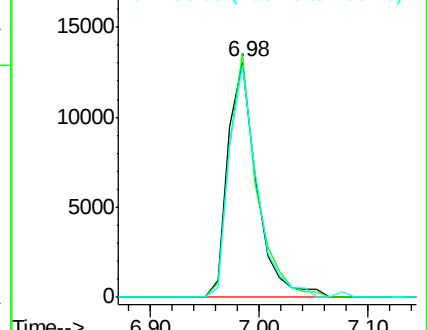
106 98.6 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.65 ng

RT: 7.40 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

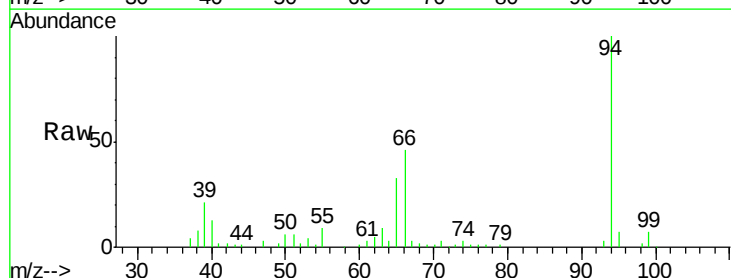
Tgt Ion: 94 Resp: 105047

Ion Ratio Lower Upper

94 100

65 33.5 11.3 51.3

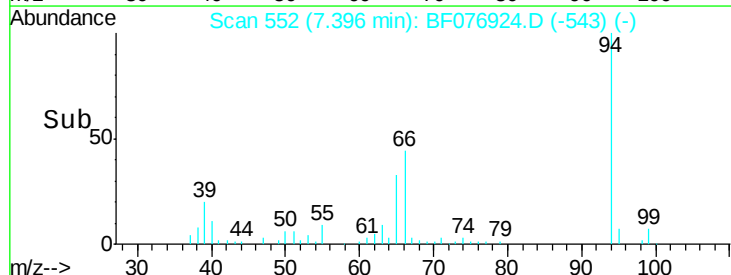
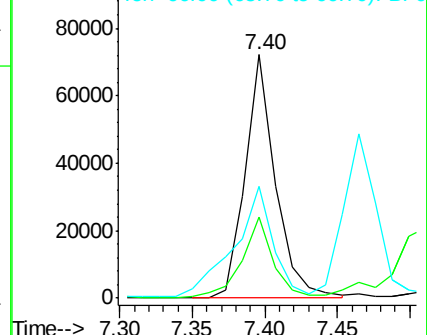
66 45.8 19.5 59.5

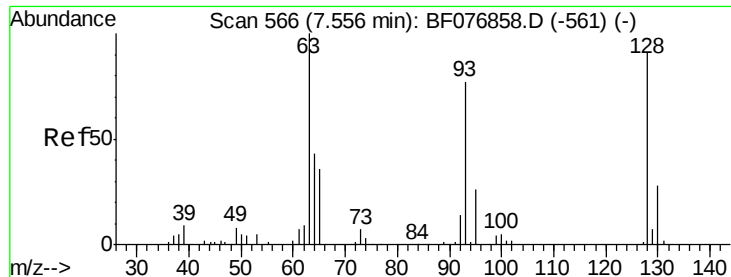


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.37 ng

RT: 7.51 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

Instrument :

BNA\_F

ClientSampleId :

PB81373BS

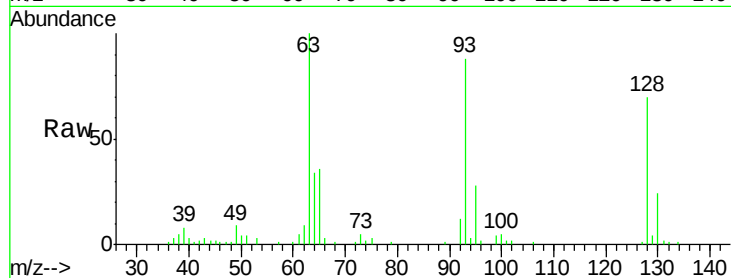
Tot Ion: 93 Resp: 81610

Ion Ratio Lower Upper

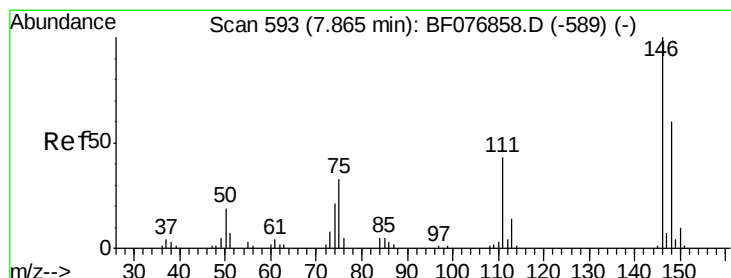
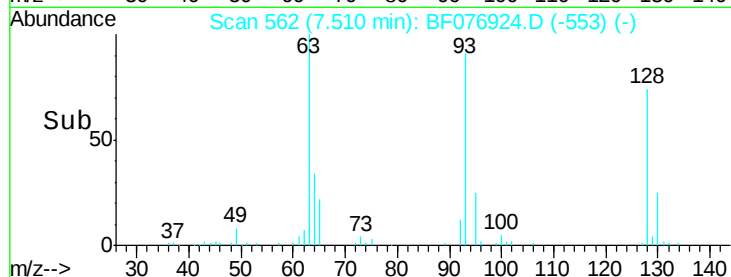
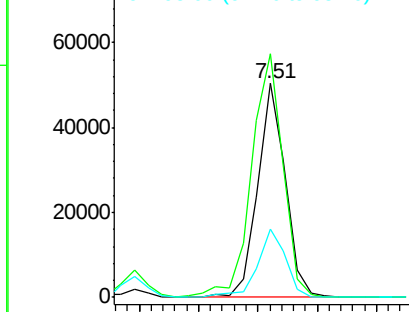
93 100

63 113.7 111.3 151.3

95 31.7 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.14 ng

RT: 7.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

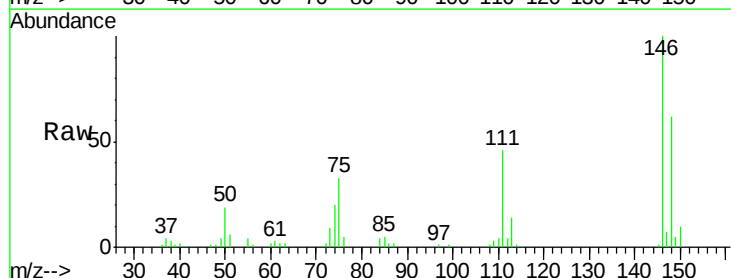
Tgt Ion: 146 Resp: 91156

Ion Ratio Lower Upper

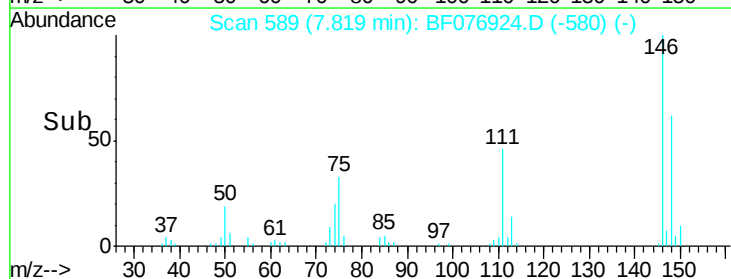
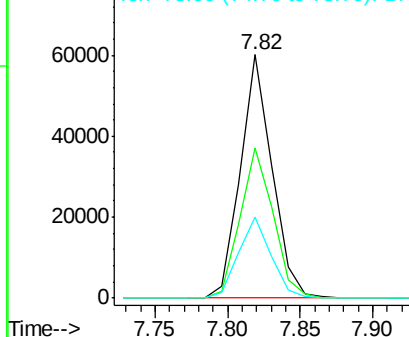
146 100

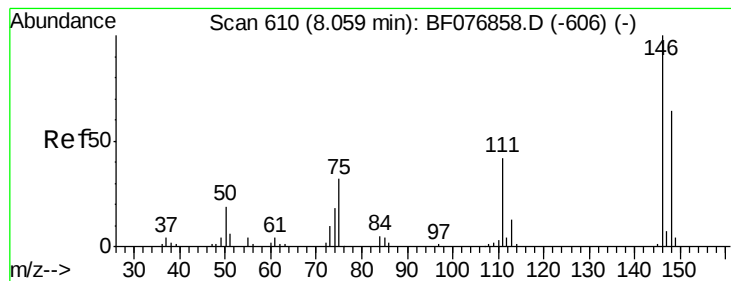
148 61.7 48.1 72.1

75 33.2 26.8 40.2



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF0

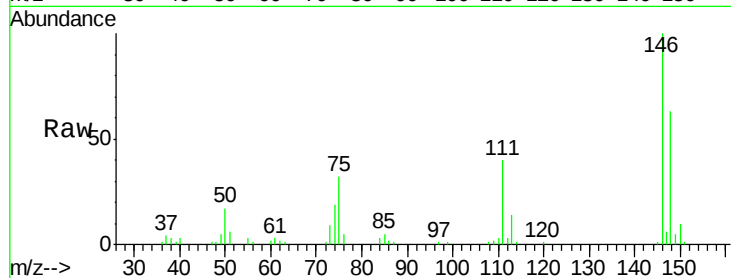




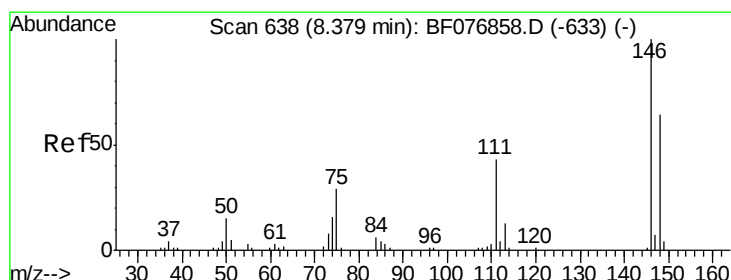
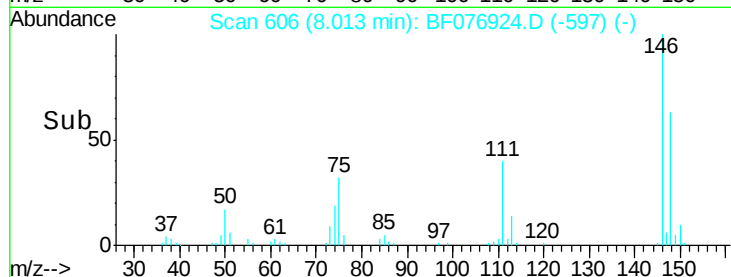
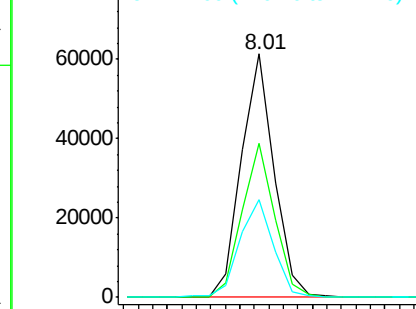
#13  
 1,4-Dichlorobenzene  
 Concen: 35.00 ng  
 RT: 8.01 min Scan# 606  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

Tot Ion:146 Resp: 96283  
 Ion Ratio Lower Upper  
 146 100  
 148 63.0 51.5 77.3  
 111 40.4 33.9 50.9

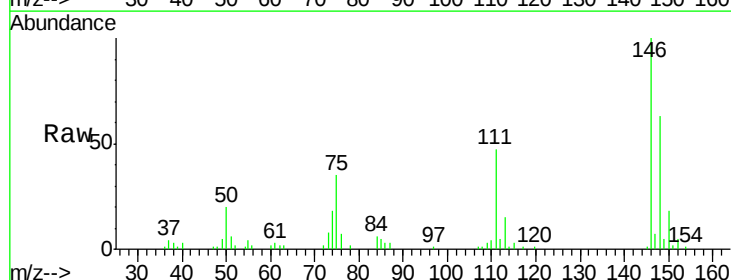


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

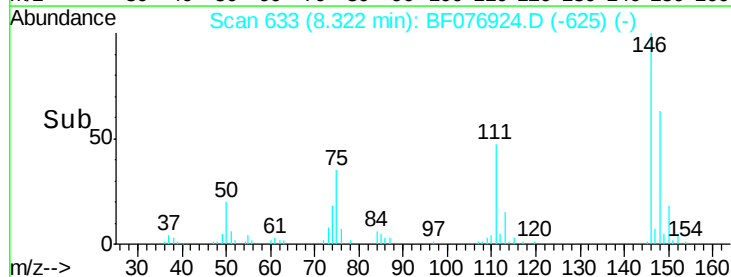
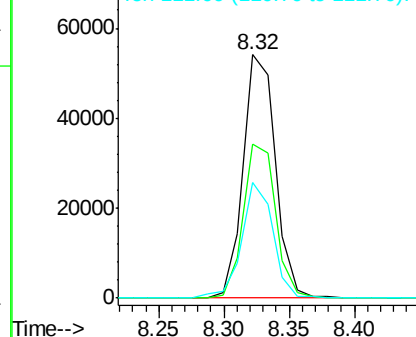


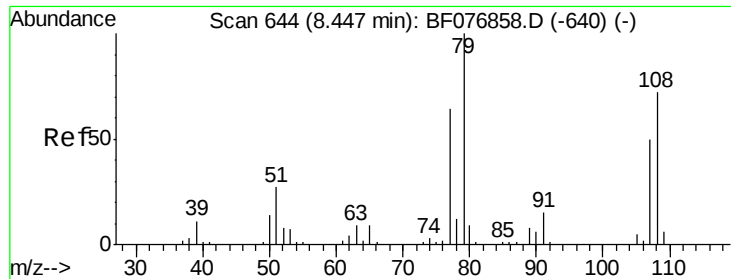
#14  
 1,2-Dichlorobenzene  
 Concen: 36.61 ng  
 RT: 8.32 min Scan# 633  
 Delta R.T. -0.01 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Tgt Ion:146 Resp: 92807  
 Ion Ratio Lower Upper  
 146 100  
 148 63.0 51.3 76.9  
 111 47.4 34.5 51.7



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: 37.57 ng

RT: 8.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

Instrument :

BNA\_F

ClientSampleId :

PB81373BS

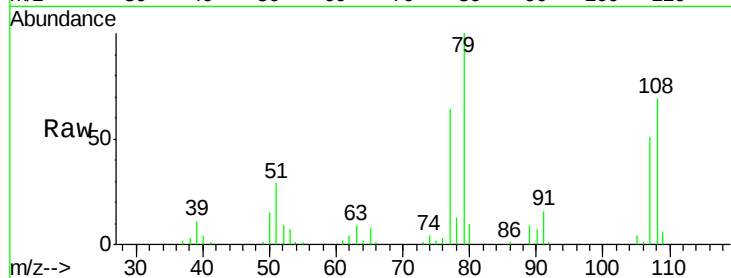
Tot Ion: 79 Resp: 75850

Ion Ratio Lower Upper

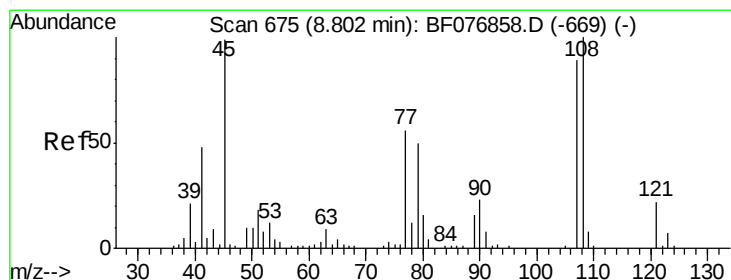
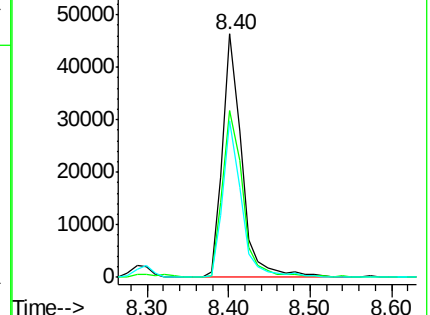
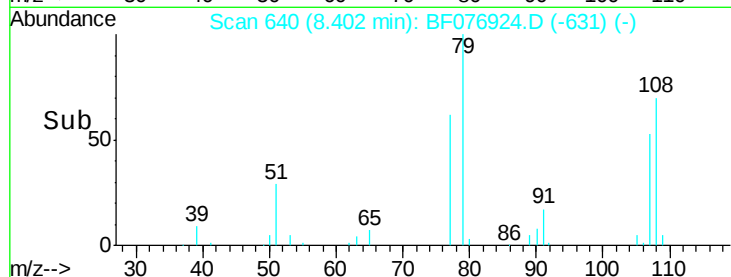
79 100

108 68.6 57.2 85.8

77 64.1 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.80 ng

RT: 8.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

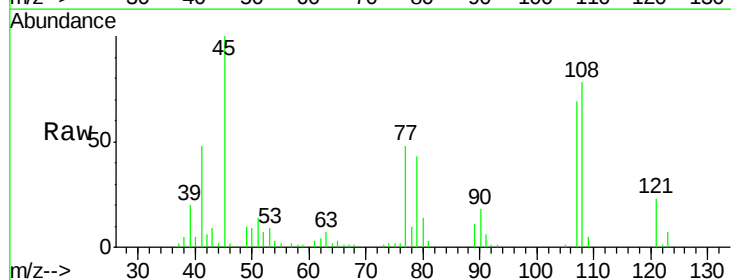
Tgt Ion: 45 Resp: 105349

Ion Ratio Lower Upper

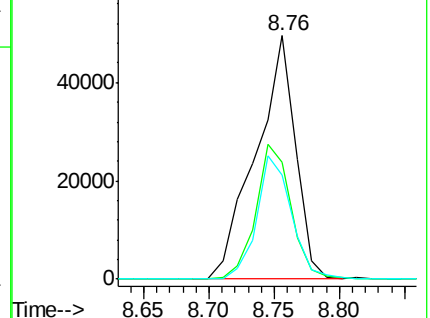
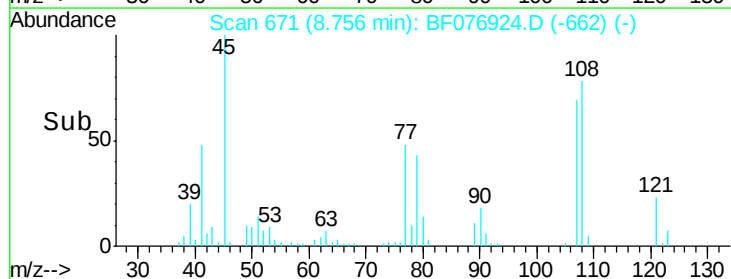
45 100

77 48.0 36.1 76.1

79 42.8 30.5 70.5



Abundance Ion 45.00 (44.70 to 45.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

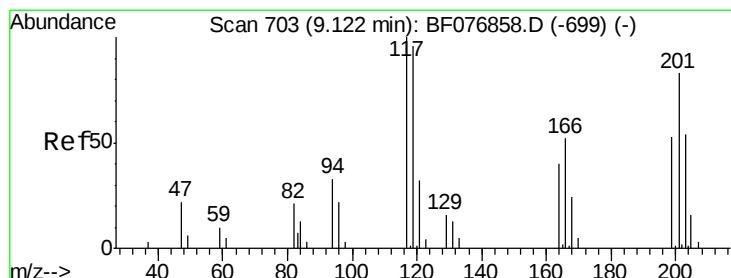
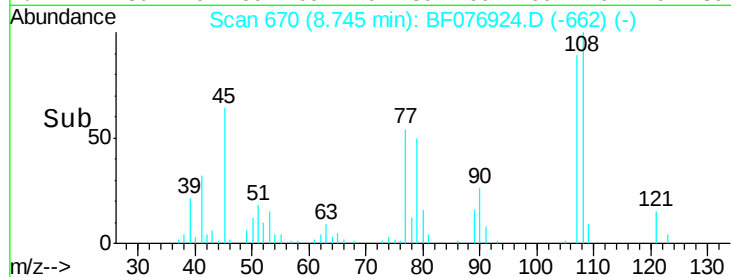
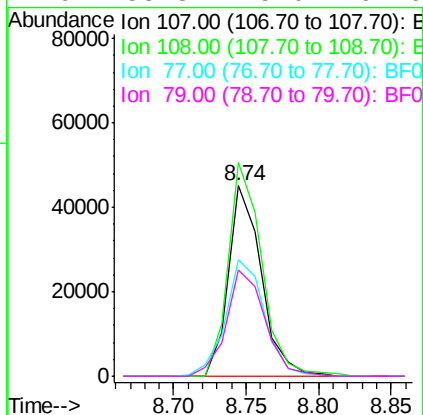
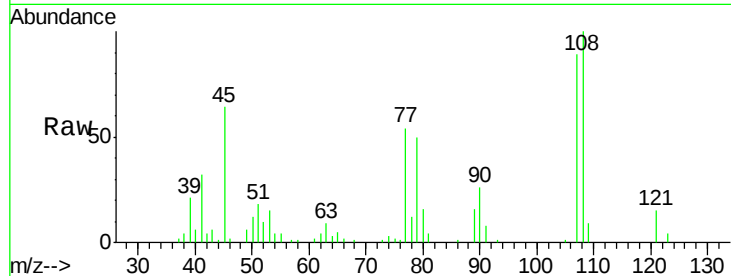




#17  
2-Methylphenol  
Concen: 38.15 ng  
RT: 8.74 min Scan# 670  
Delta R.T. -0.01 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

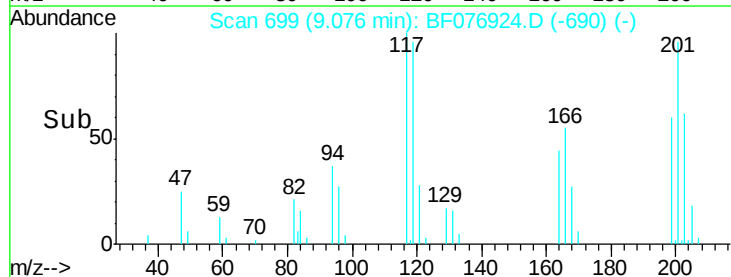
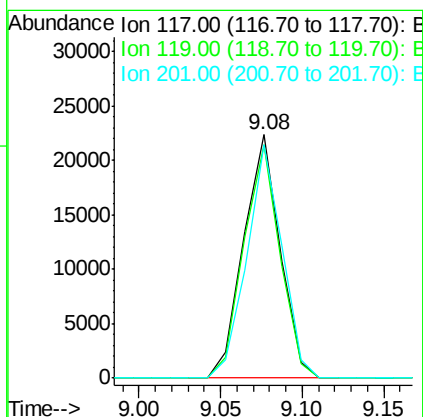
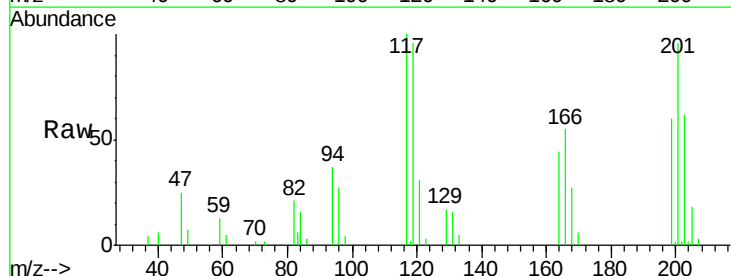
Instrument :  
BNA\_F  
ClientSampleId :  
PB81373BS

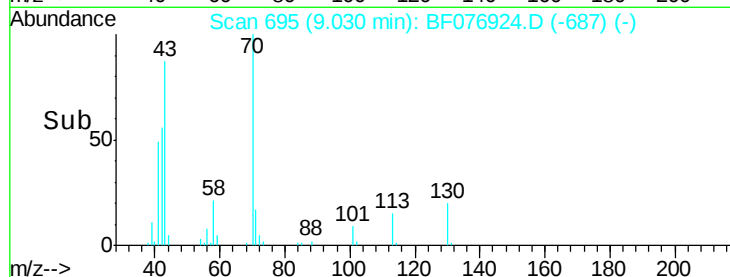
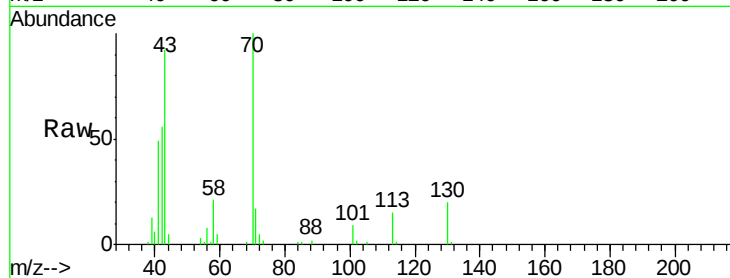
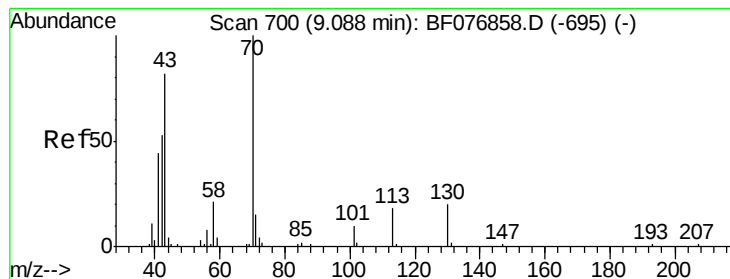
Tot Ion:107 Resp: 71081  
Ion Ratio Lower Upper  
107 100  
108 112.1 89.7 134.5  
77 61.0 50.1 75.1  
79 55.8 45.0 67.6



#18  
Hexachloroethane  
Concen: 36.06 ng  
RT: 9.08 min Scan# 699  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Tgt Ion:117 Resp: 34503  
Ion Ratio Lower Upper  
117 100  
119 96.0 77.1 115.7  
201 95.6 66.8 100.2





#19

n-Nitroso-di-n-propylamine

Concen: 36.03 ng

RT: 9.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

Instrument :

BNA\_F

ClientSampled :

PB81373BS

Tot Ion: 70 Resp: 62932

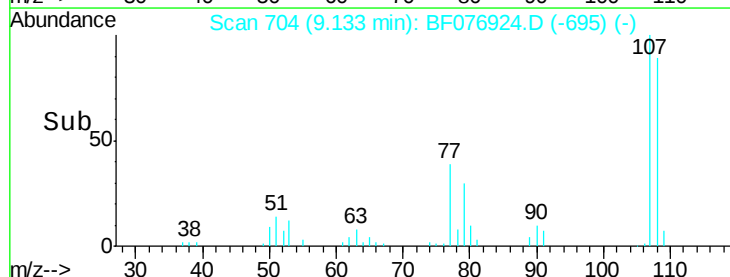
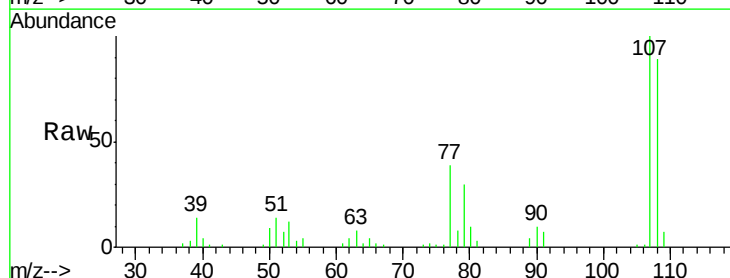
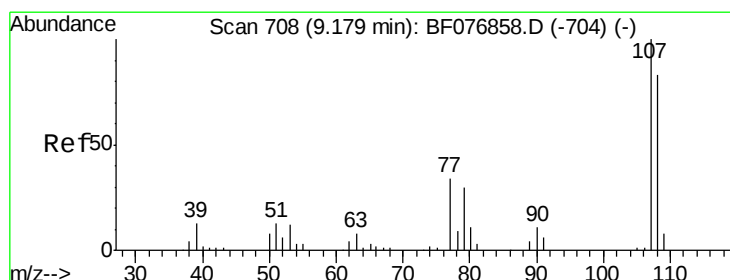
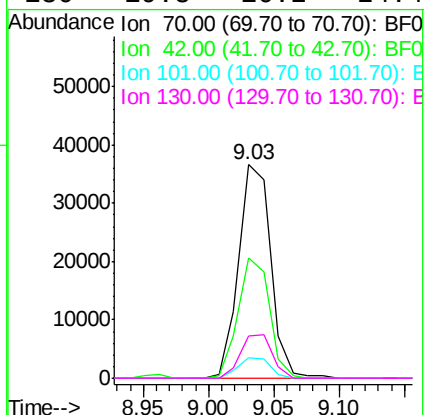
Ion Ratio Lower Upper

70 100

42 56.5 42.1 63.1

101 9.4 7.8 11.8

130 19.8 16.2 24.4



#20

3+4-Methylphenols

Concen: 36.89 ng

RT: 9.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

Tgt Ion: 107 Resp: 91010

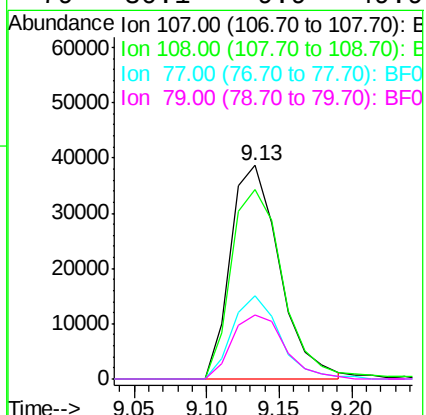
Ion Ratio Lower Upper

107 100

108 88.7 63.5 103.5

77 38.8 14.0 54.0

79 30.1 9.9 49.9

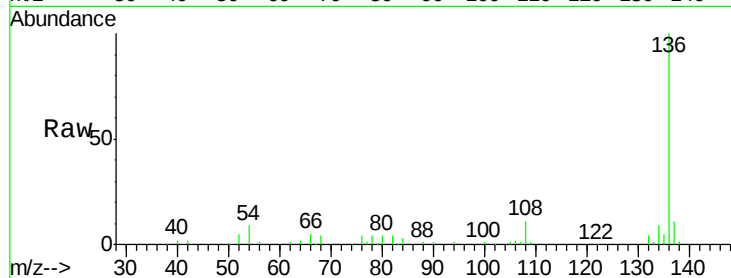




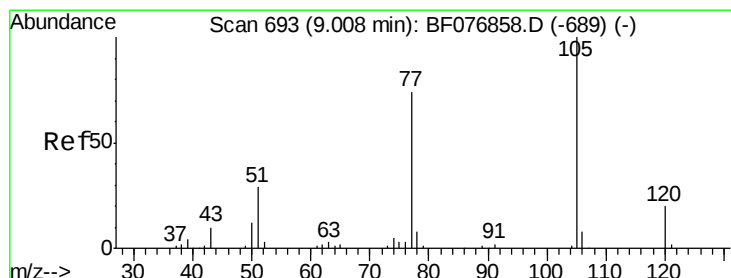
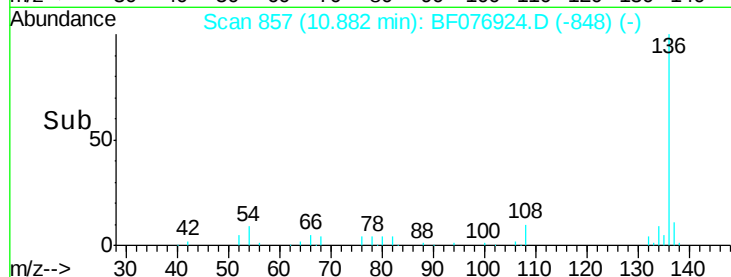
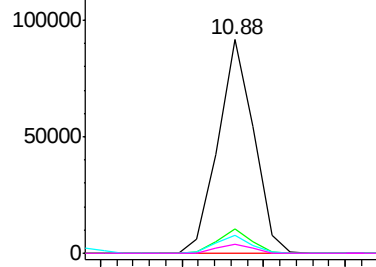
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.88 min Scan# 857  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Instrument :  
BNA\_F  
ClientSampleId :  
PB81373BS

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 138947   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.2  | 8.1 12.1 |
| 54          | 8.6   | 7.0 10.4 |
| 68          | 4.2   | 3.7 5.5  |

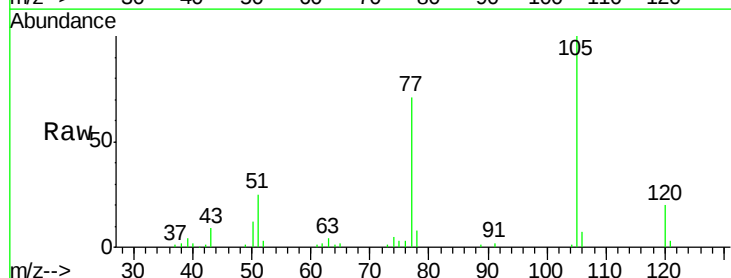


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

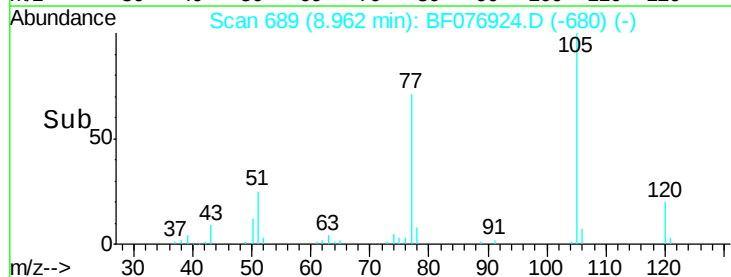
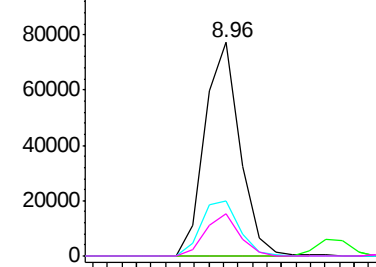


#22  
Acetophenone  
Concen: 38.28 ng  
RT: 8.96 min Scan# 689  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 130266    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.0   | 0.0 0.0   |
| 51          | 25.5  | 23.3 34.9 |
| 120         | 19.9  | 16.1 24.1 |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF0  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 120.00 (119.70 to 120.70): E

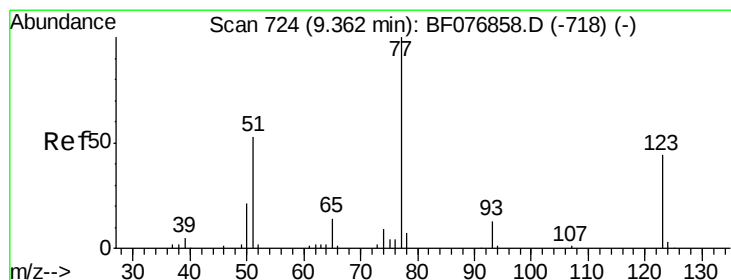
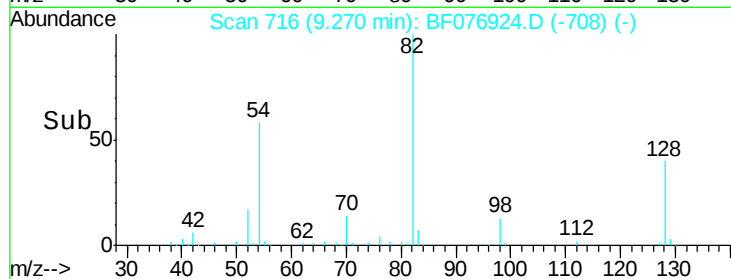
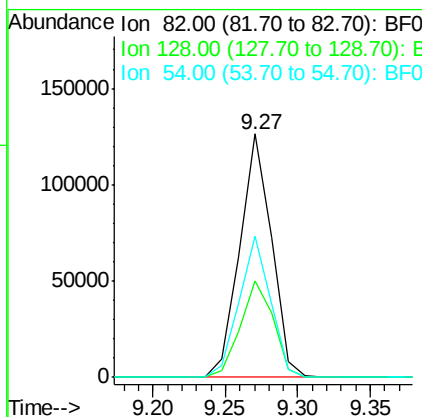
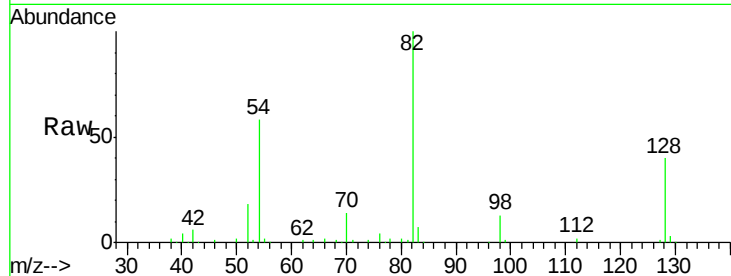




#23  
 Nitrobenzene-d5  
 Concen: 76.49 ng  
 RT: 9.27 min Scan# 716  
 Delta R.T. -0.01 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

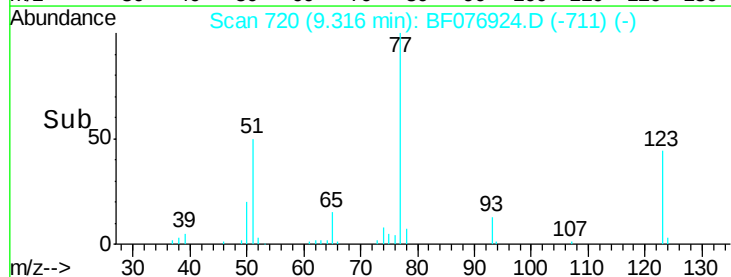
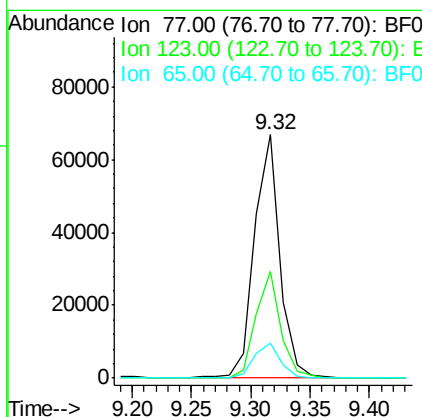
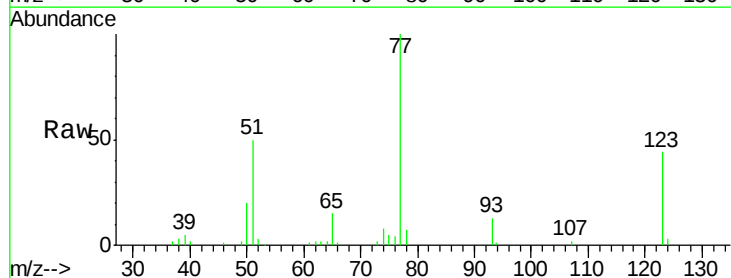
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

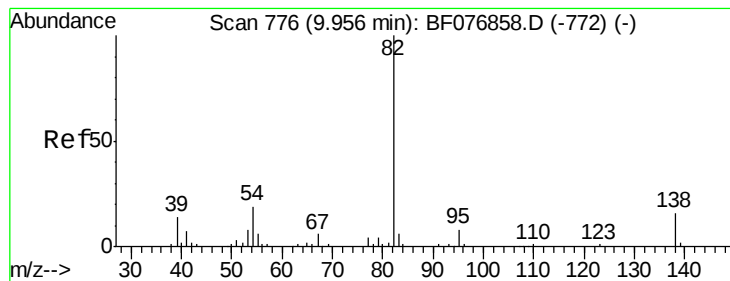
| Tot Ion   | 82    | Resp  | 191836 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 39.7  | 33.1  | 49.7   |
| 54        | 58.1  | 48.3  | 72.5   |



#24  
 Nitrobenzene  
 Concen: 39.17 ng  
 RT: 9.32 min Scan# 720  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

| Tgt Ion   | 77    | Resp  | 100070 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 44.0  | 35.2  | 52.8   |
| 65        | 14.5  | 11.4  | 17.2   |





#25

Isophorone

Concen: 37.21 ng

RT: 9.91 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

Instrument :

BNA\_F

ClientSampleId :

PB81373BS

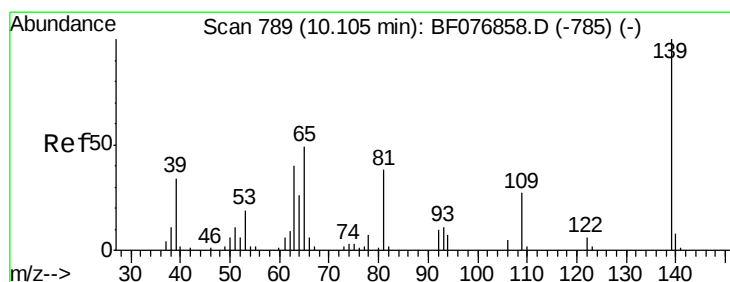
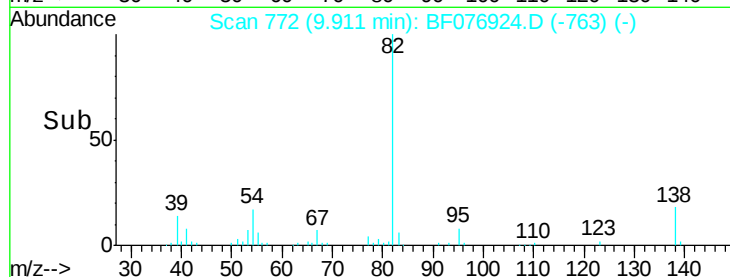
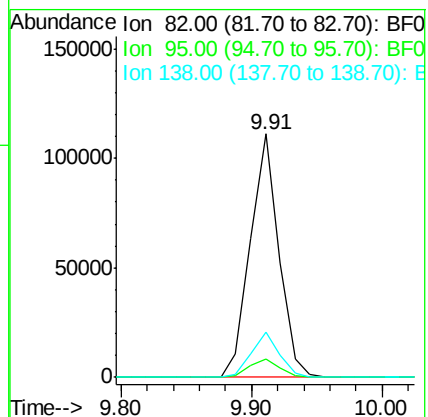
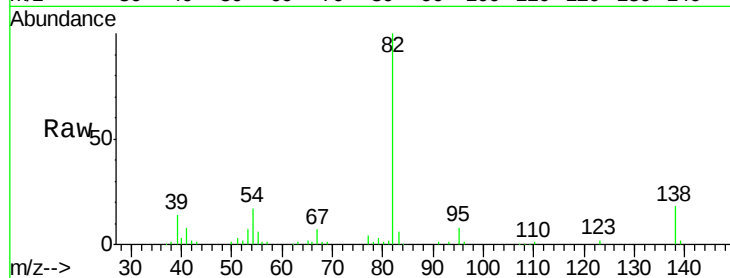
Tot Ion: 82 Resp: 169964

Ion Ratio Lower Upper

82 100

95 7.5 6.6 10.0

138 18.5 12.6 18.8



#26

2-Nitrophenol

Concen: 34.48 ng

RT: 10.05 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

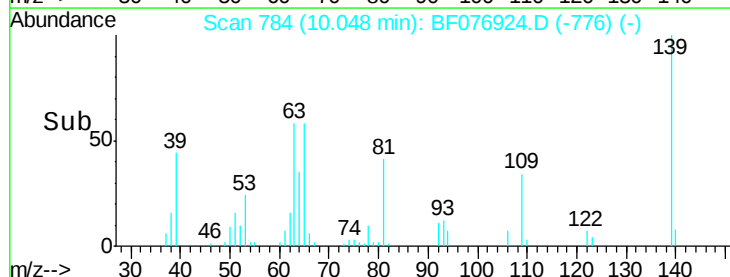
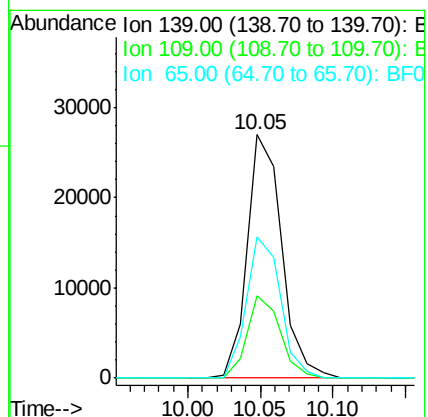
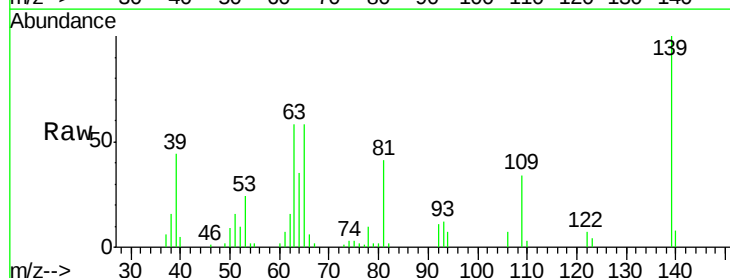
Tgt Ion: 139 Resp: 44436

Ion Ratio Lower Upper

139 100

109 33.7 21.3 31.9#

65 57.8 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 40.95 ng

RT: 10.32 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

Instrument :

BNA\_F

ClientSampleId :

PB81373BS

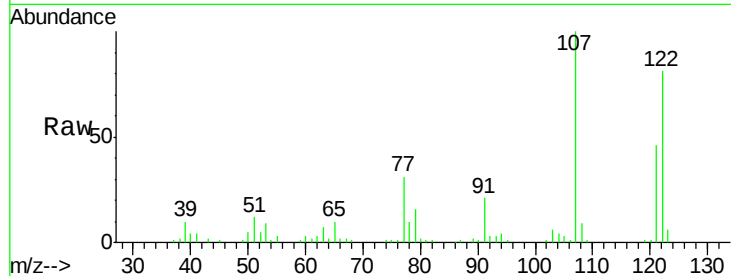
Tot Ion: 122 Resp: 80896

Ion Ratio Lower Upper

122 100

107 123.4 95.2 142.8

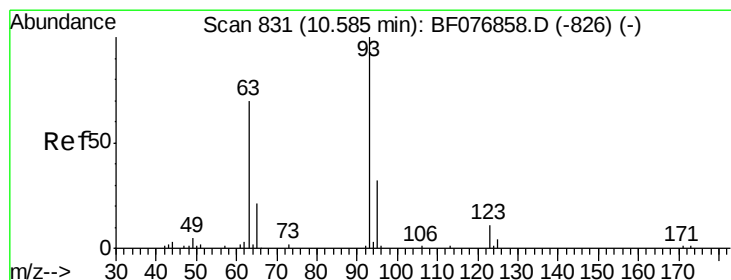
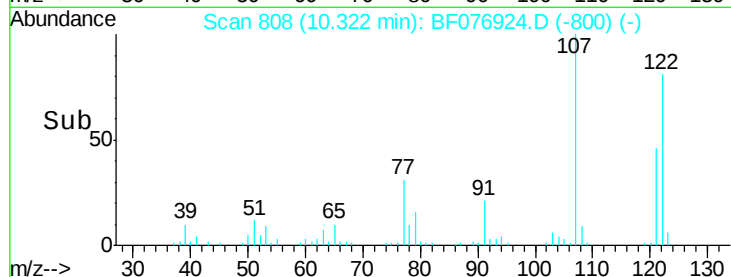
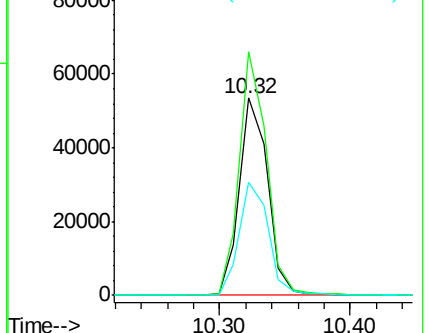
121 57.3 42.9 64.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.57 ng

RT: 10.54 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

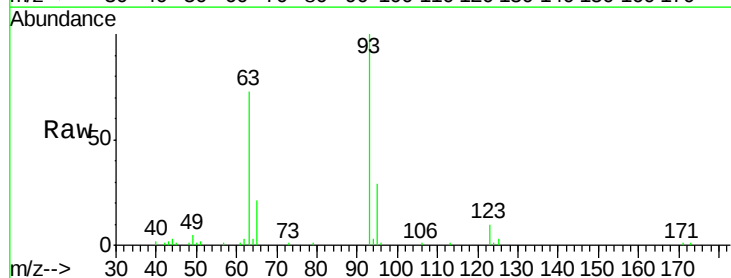
Tgt Ion: 93 Resp: 105322

Ion Ratio Lower Upper

93 100

95 28.6 25.6 38.4

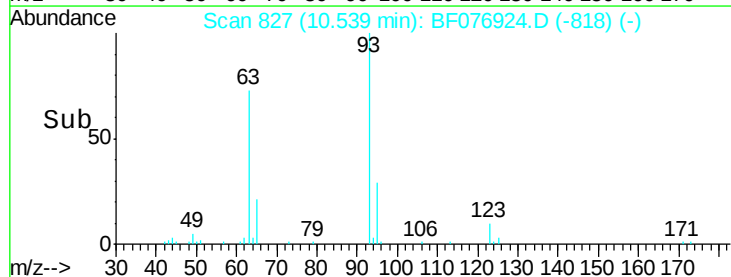
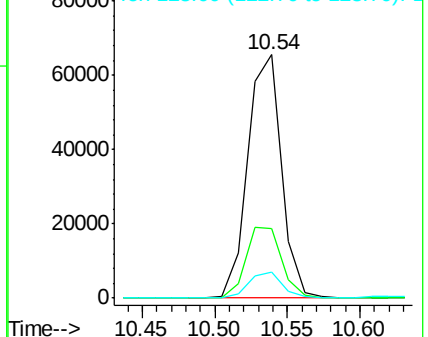
123 10.5 8.9 13.3

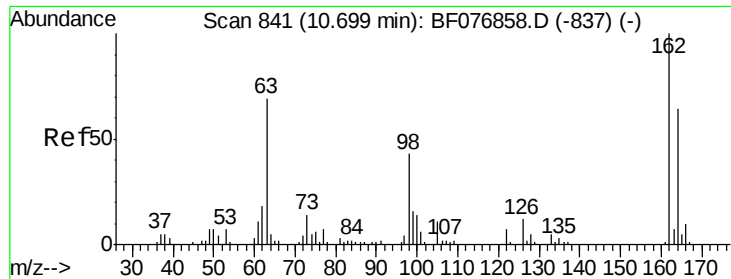


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

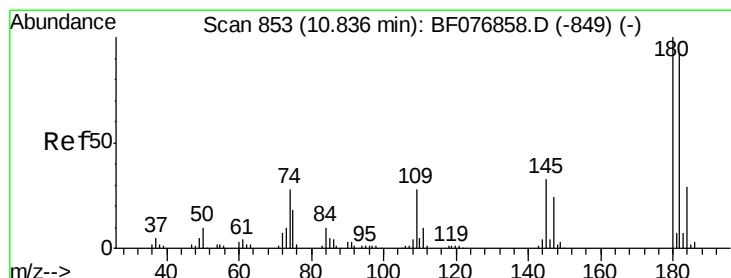
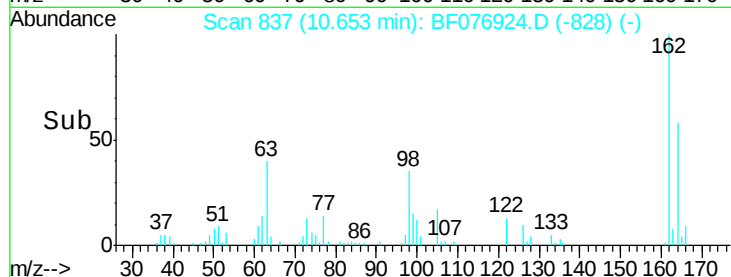
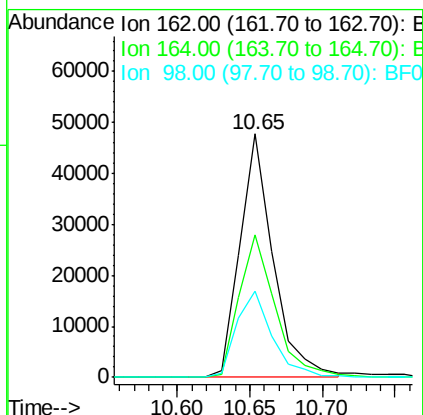
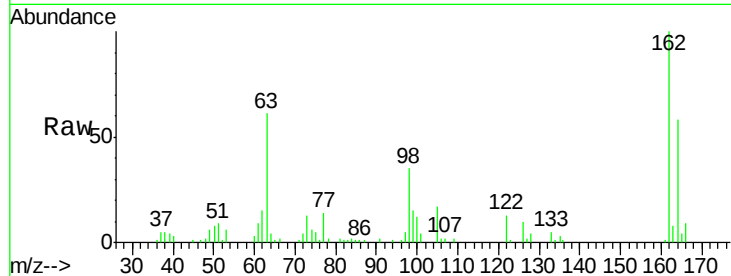




#29  
 2,4-Dichlorophenol  
 Concen: 41.36 ng  
 RT: 10.65 min Scan# 837  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

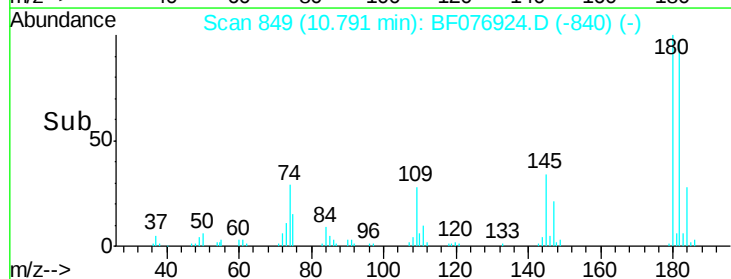
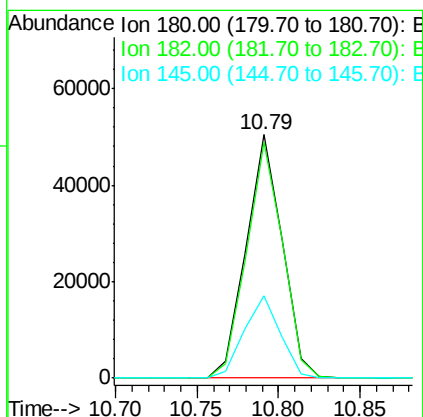
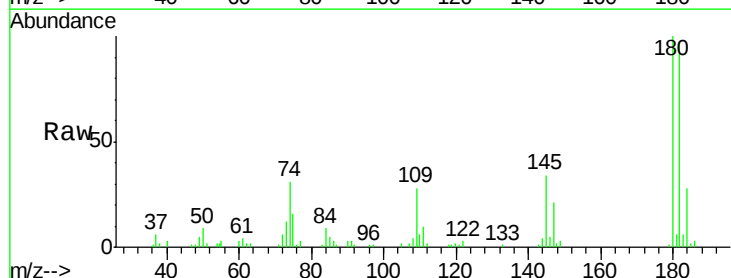
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

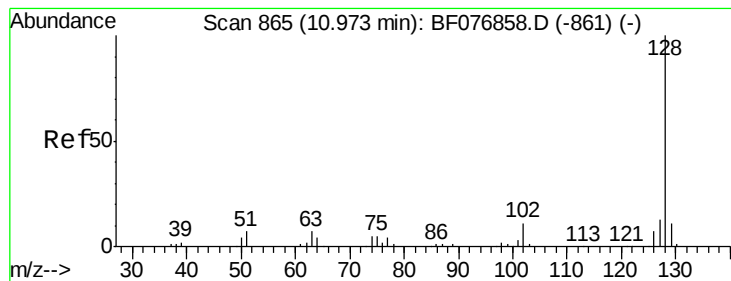
Tot Ion:162 Resp: 76168  
 Ion Ratio Lower Upper  
 162 100  
 164 58.5 43.8 83.8  
 98 35.2 22.5 62.5



#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.87 ng  
 RT: 10.79 min Scan# 849  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Tgt Ion:180 Resp: 77464  
 Ion Ratio Lower Upper  
 180 100  
 182 96.8 73.6 110.4  
 145 33.8 26.6 39.8





#31

Naphthalene

Concen: 36.44 ng

RT: 10.93 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

Instrument :

BNA\_F

ClientSampleId :

PB81373BS

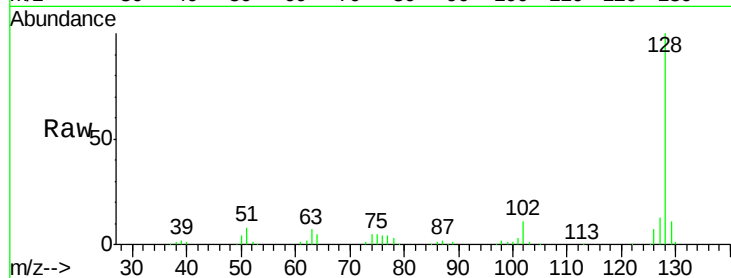
Tot Ion:128 Resp: 260679

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

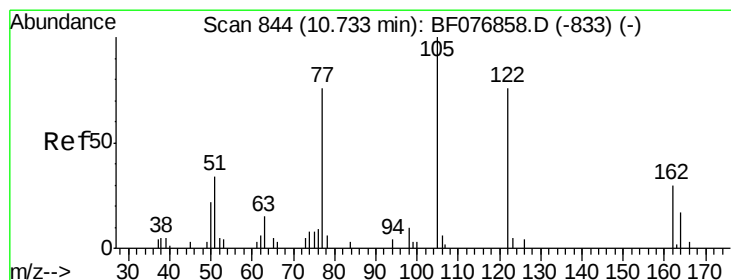
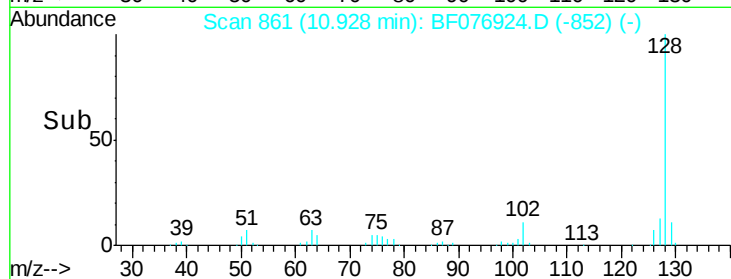
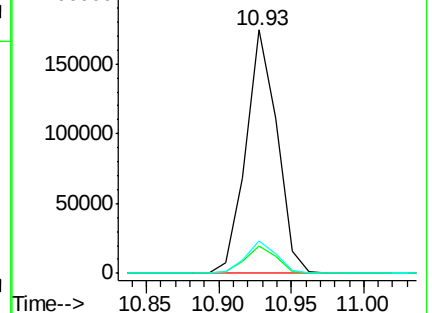
127 13.4 10.2 15.2



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: 41.15 ng m

RT: 10.68 min Scan# 839

Delta R.T. -0.02 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

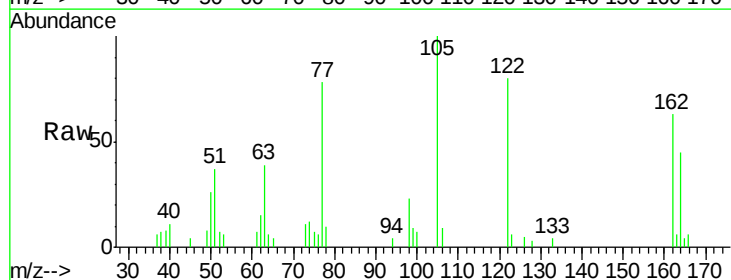
Tgt Ion:122 Resp: 45044

Ion Ratio Lower Upper

122 100

105 124.4 111.3 151.3

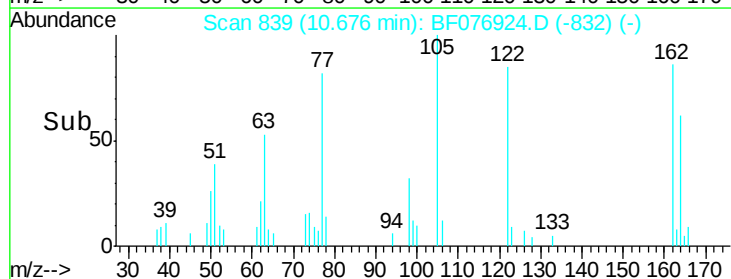
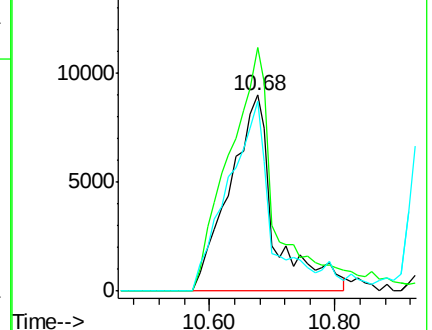
77 97.1 79.2 119.2

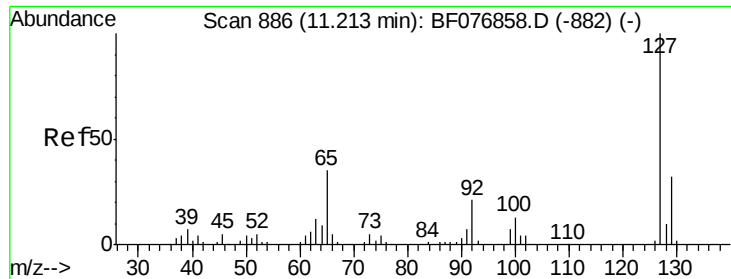


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

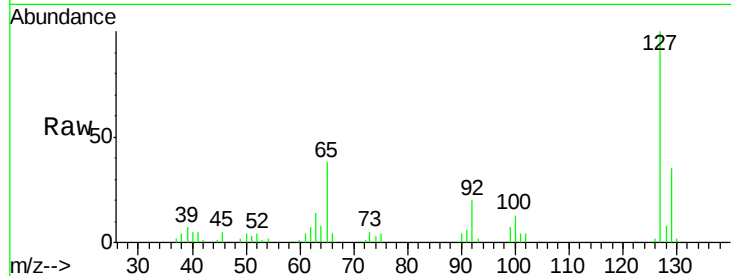




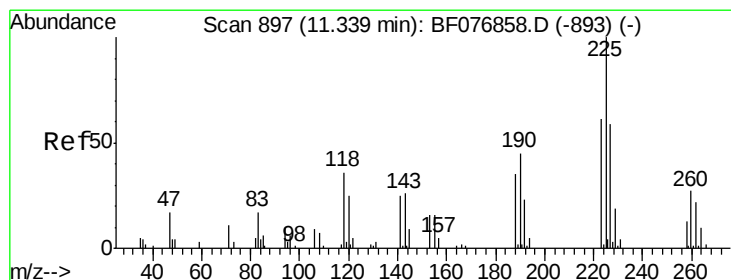
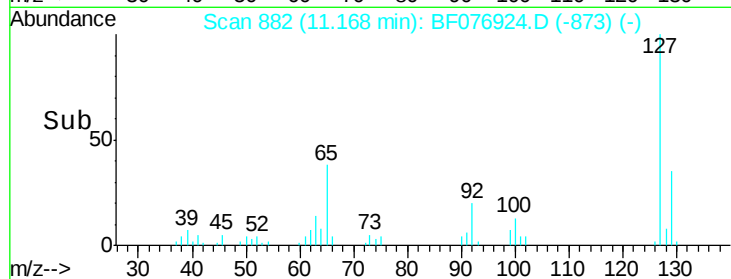
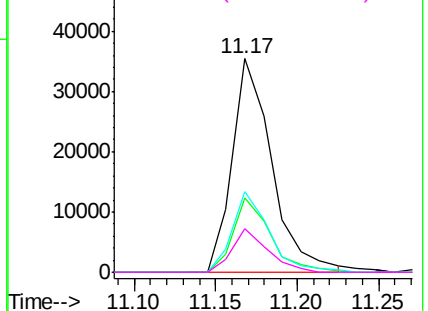
#33  
4-Chloroaniline  
Concen: 20.59 ng  
RT: 11.17 min Scan# 882  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Instrument :  
BNA\_F  
ClientSampleId :  
PB81373BS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 59504     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 34.6  | 25.3 37.9 |
| 65          | 37.8  | 27.8 41.6 |
| 92          | 20.4  | 16.5 24.7 |

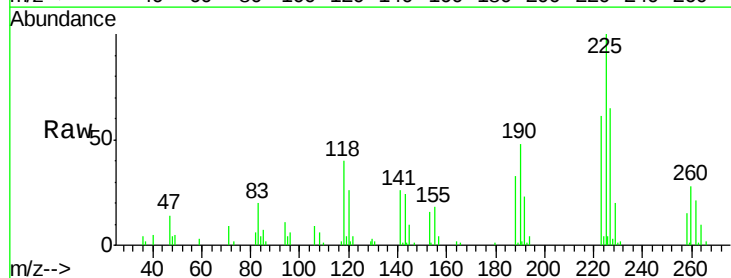


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

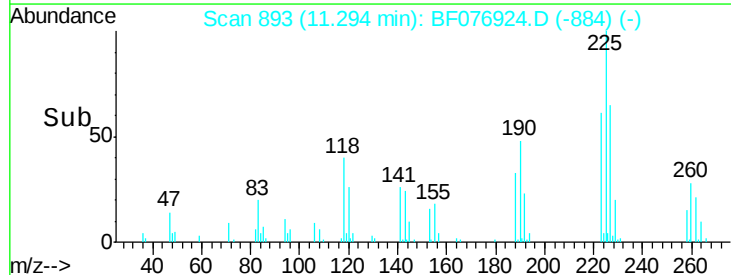
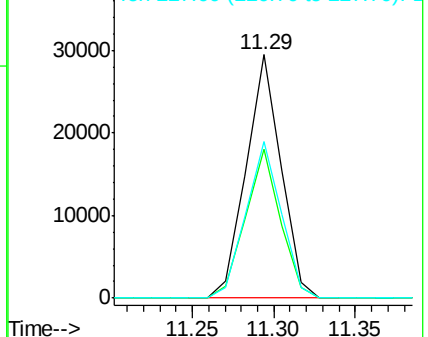


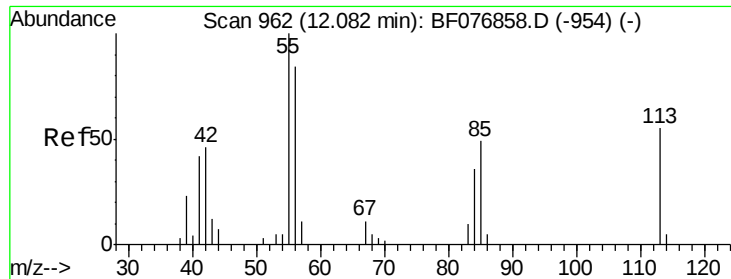
#34  
Hexachlorobutadiene  
Concen: 36.06 ng  
RT: 11.29 min Scan# 893  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 43763     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 61.4  | 49.1 73.7 |
| 227         | 64.5  | 47.5 71.3 |



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

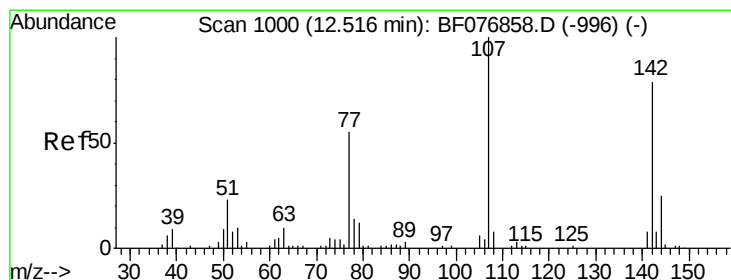
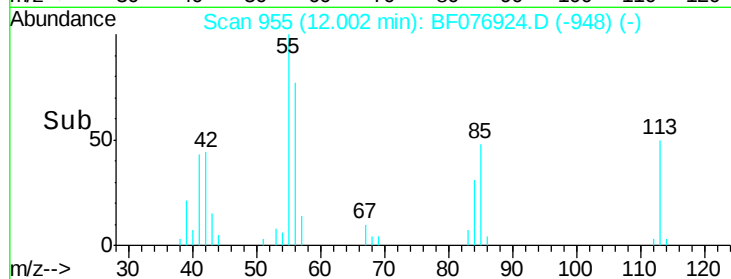
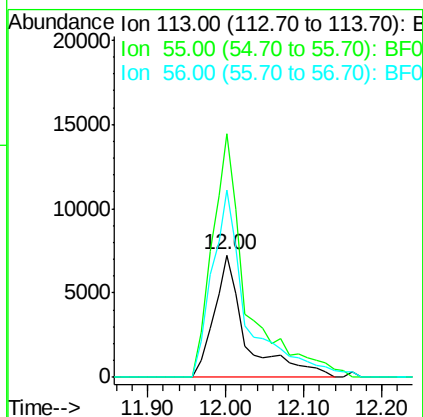
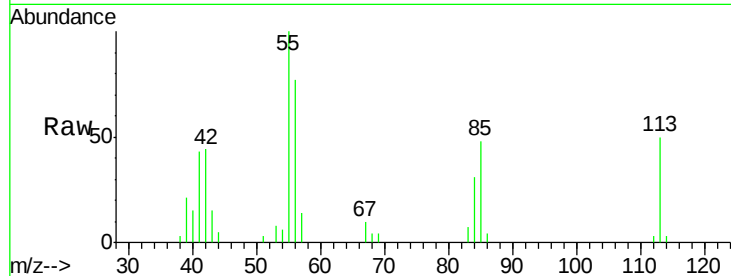




#35  
Caprolactam  
Concen: 39.37 ng/ml  
RT: 12.00 min Scan# 955  
Delta R.T. -0.02 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

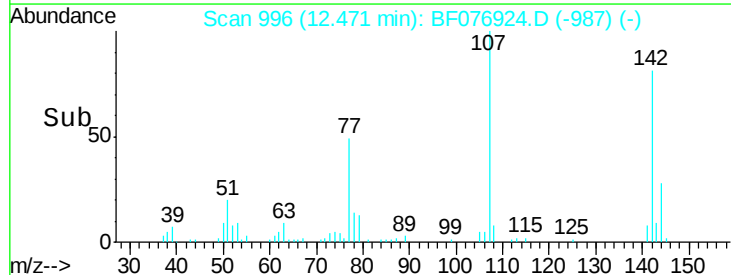
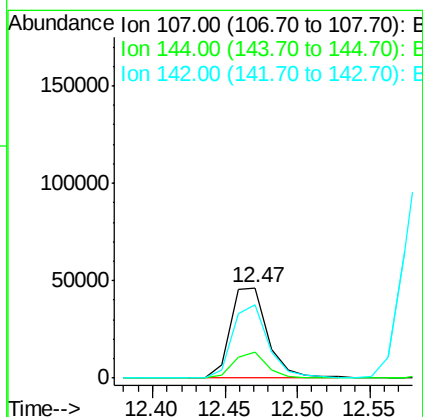
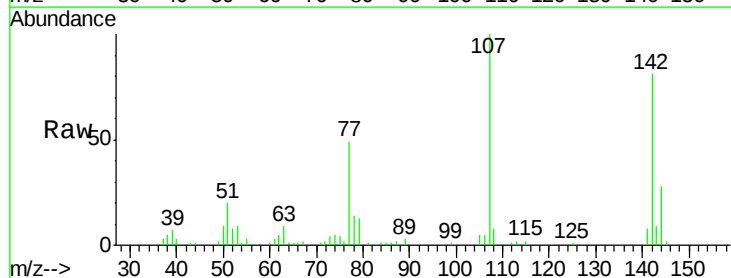
Instrument :  
BNA\_F  
ClientSampleId :  
PB81373BS

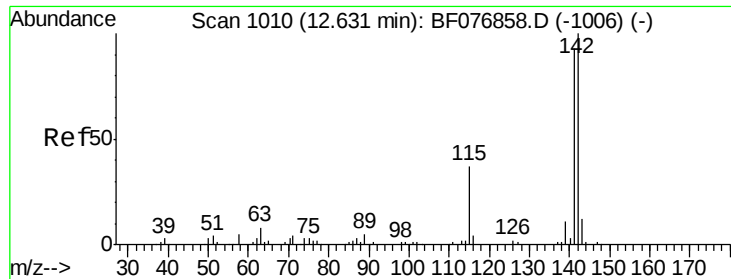
Tot Ion:113 Resp: 21341  
Ion Ratio Lower Upper  
113 100  
55 199.1 162.1 202.1  
56 153.4 133.7 173.7



#36  
4-Chloro-3-methylphenol  
Concen: 38.96 ng/ml  
RT: 12.47 min Scan# 996  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Tgt Ion:107 Resp: 82152  
Ion Ratio Lower Upper  
107 100  
144 28.5 20.0 30.0  
142 81.3 63.5 95.3

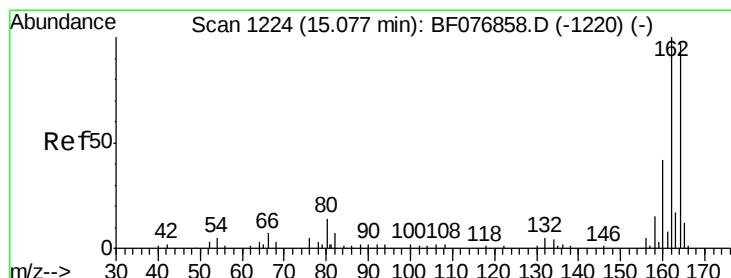
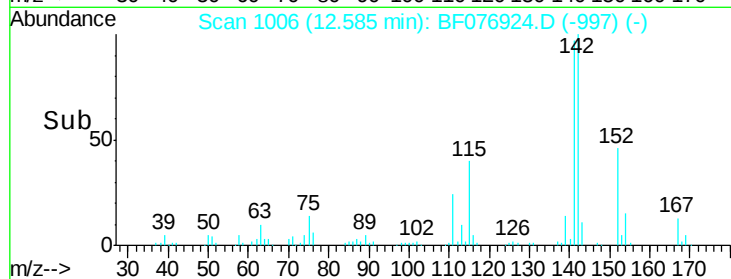
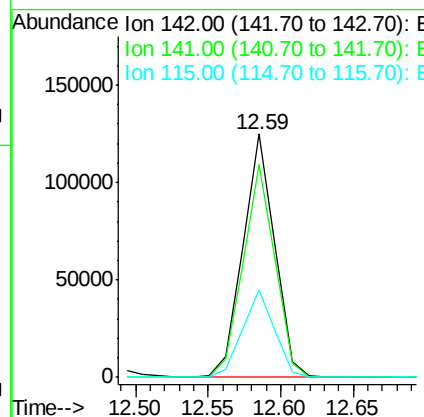
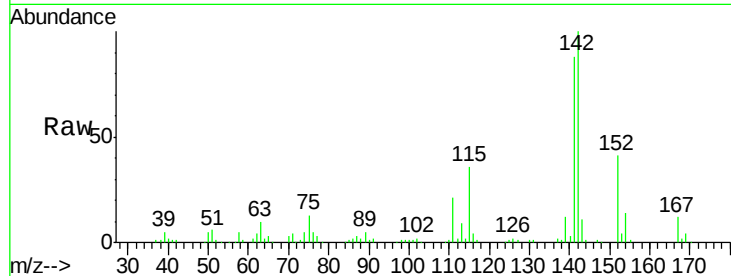




#37  
2-Methylnaphthalene  
Concen: 38.73 ng  
RT: 12.59 min Scan# 1006  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

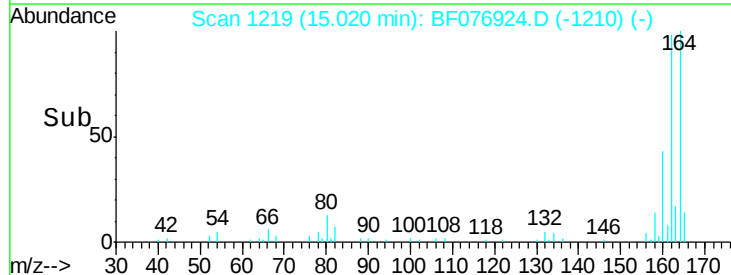
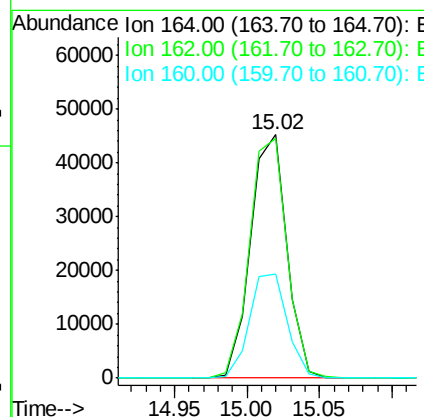
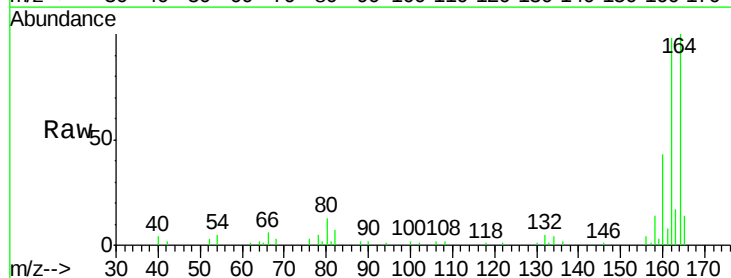
Instrument :  
BNA\_F  
ClientSampleId :  
PB81373BS

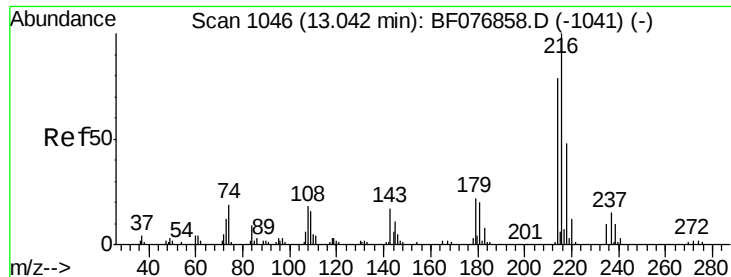
Tot Ion:142 Resp: 189225  
Ion Ratio Lower Upper  
142 100  
141 87.6 74.5 111.7  
115 35.7 29.7 44.5



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 15.02 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Tgt Ion:164 Resp: 78153  
Ion Ratio Lower Upper  
164 100  
162 98.5 82.4 123.6  
160 42.5 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.43 ng

RT: 12.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

Instrument :

BNA\_F

ClientSampleId :

PB81373BS

Tot Ion:216 Resp: 74255

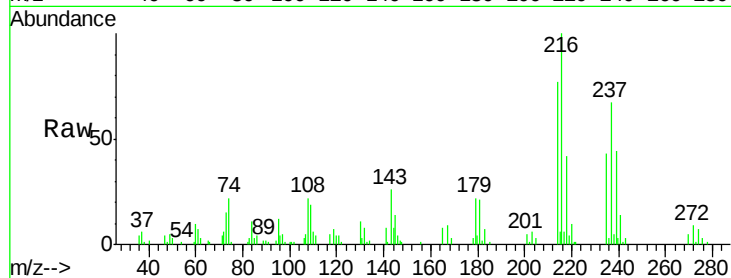
Ion Ratio Lower Upper

216 100

214 78.5 64.9 97.3

179 23.6 18.6 28.0

108 24.1 18.1 27.1

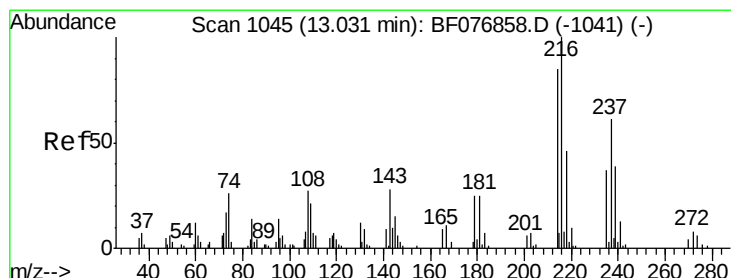
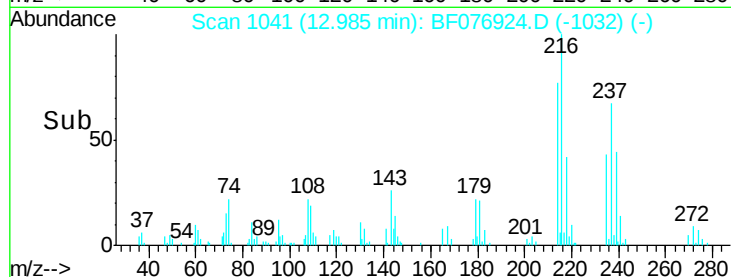
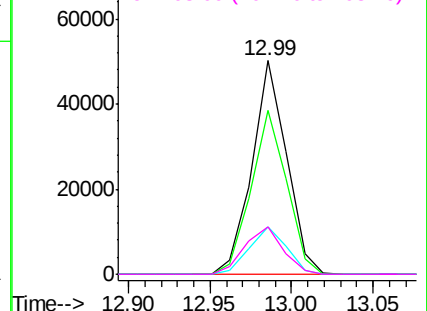


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 74.53 ng

RT: 12.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

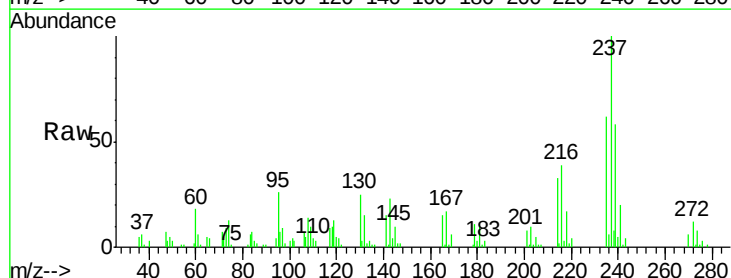
Tgt Ion:237 Resp: 77174

Ion Ratio Lower Upper

237 100

235 61.8 40.4 80.4

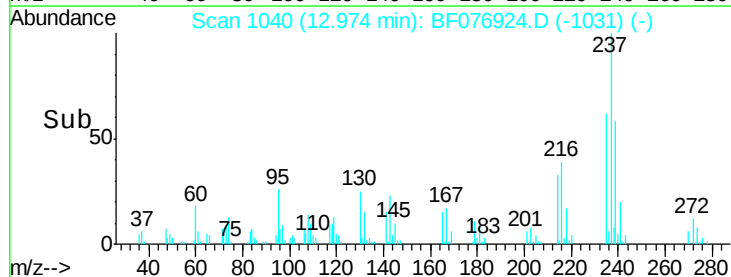
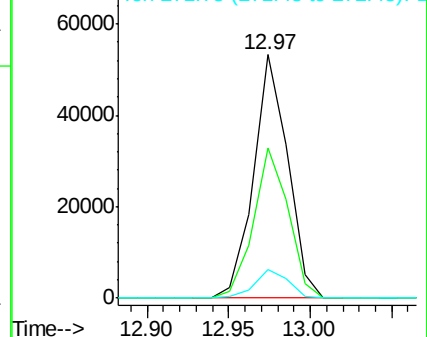
272 11.5 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

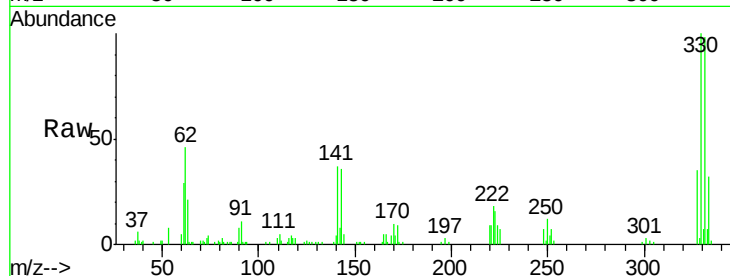




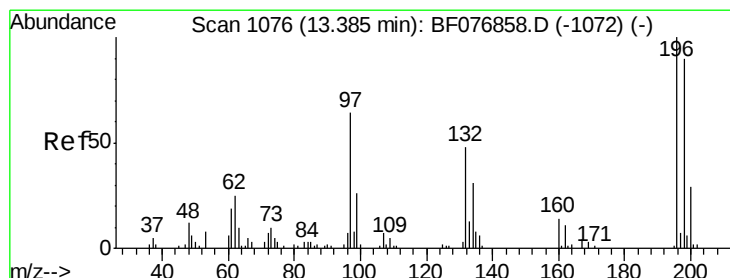
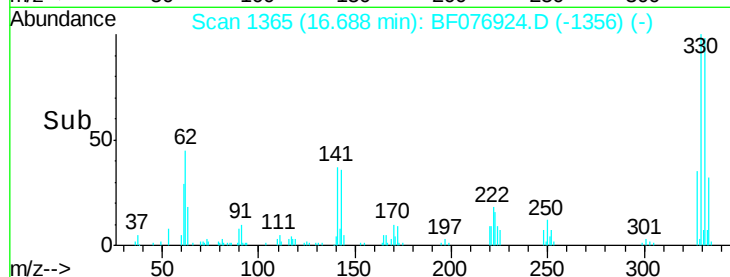
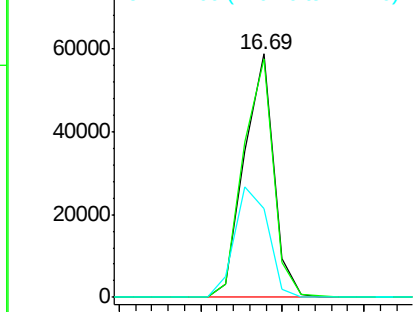
#41  
 2,4,6-Tribromophenol  
 Concen: 116.20 ng  
 RT: 16.69 min Scan# 1365  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

Tot Ion:330 Resp: 73714  
 Ion Ratio Lower Upper  
 330 100  
 332 100.3 77.8 116.6  
 141 51.4 38.5 57.7

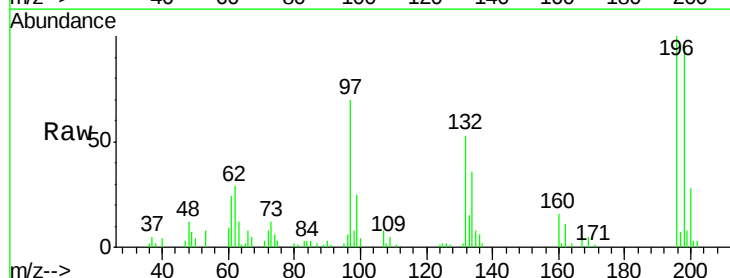


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

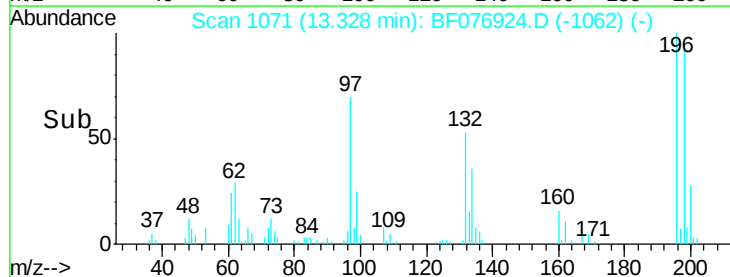
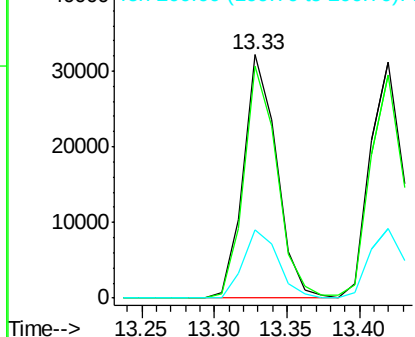


#42  
 2,4,6-Trichlorophenol  
 Concen: 36.25 ng  
 RT: 13.33 min Scan# 1071  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Tgt Ion:196 Resp: 51034  
 Ion Ratio Lower Upper  
 196 100  
 198 95.5 72.0 108.0  
 200 28.1 23.4 35.2



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

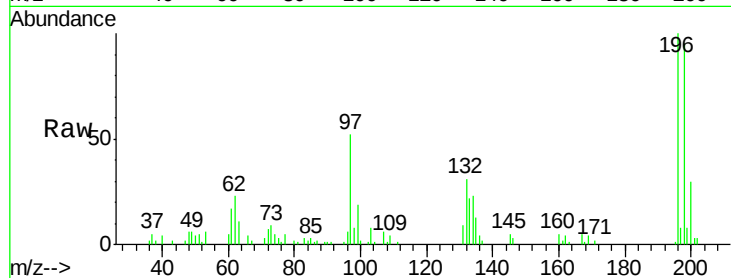




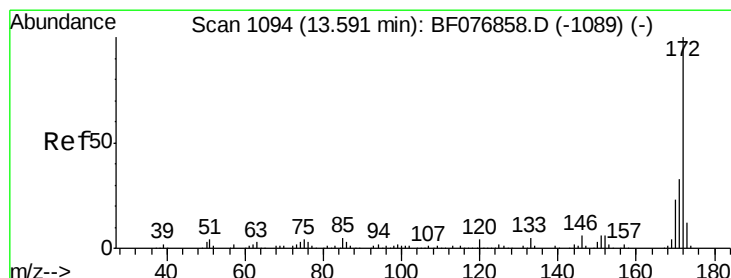
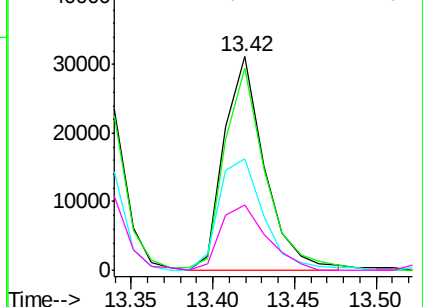
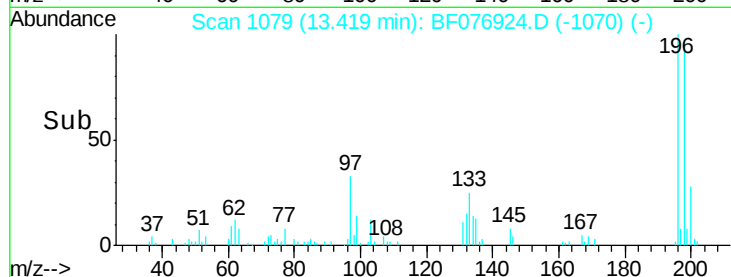
#43  
 2,4,5-Trichlorophenol  
 Concen: 37.40 ng  
 RT: 13.42 min Scan# 1079  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

Tot Ion:196 Resp: 53696  
 Ion Ratio Lower Upper  
 196 100  
 198 94.5 76.6 115.0  
 97 52.2 43.4 65.0  
 132 30.7 23.7 35.5

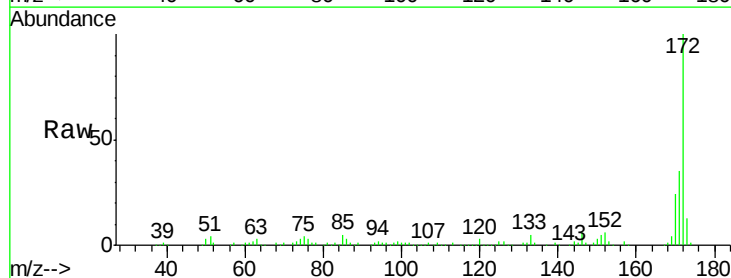


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

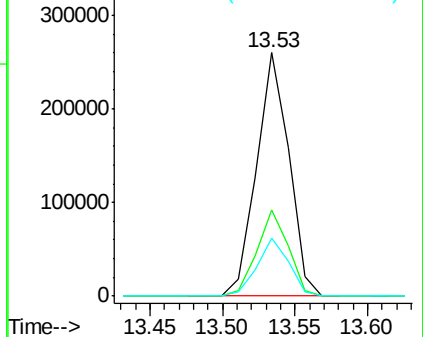
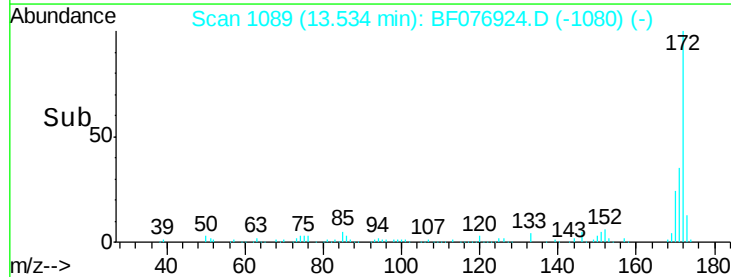


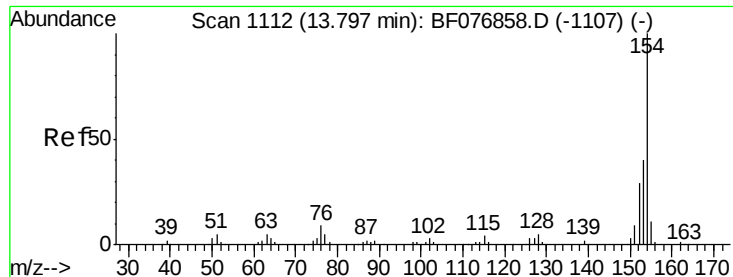
#44  
 2-Fluorobiphenyl  
 Concen: 78.14 ng  
 RT: 13.53 min Scan# 1089  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Tgt Ion:172 Resp: 401304  
 Ion Ratio Lower Upper  
 172 100  
 171 35.2 26.6 40.0  
 170 23.6 18.0 27.0



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

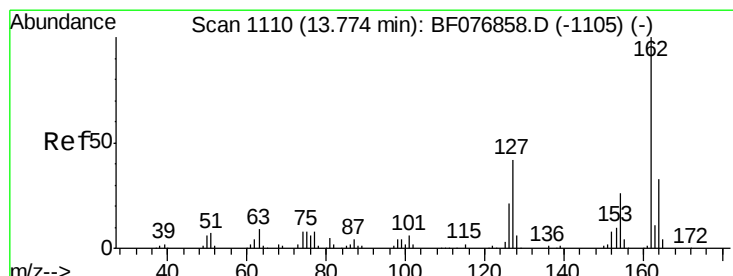
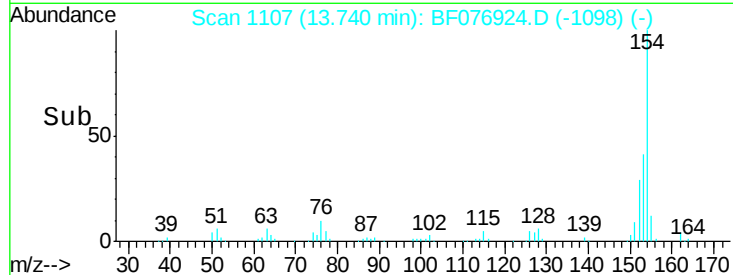
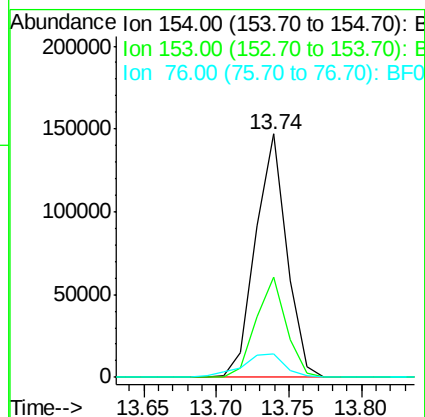
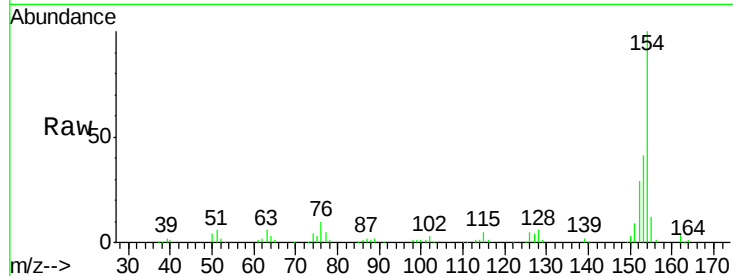




#45  
 1,1'-Biphenyl  
 Concen: 37.75 ng  
 RT: 13.74 min Scan# 1107  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

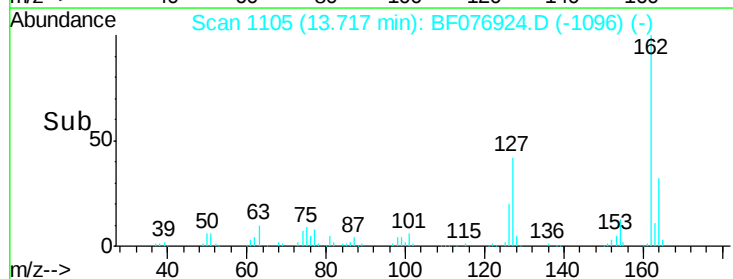
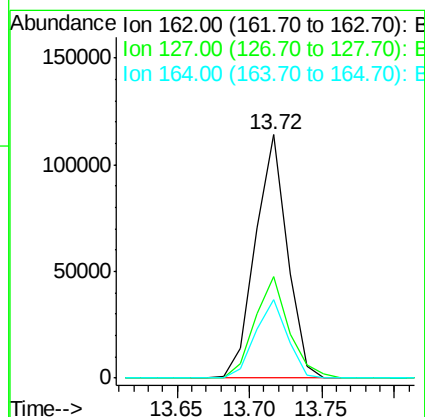
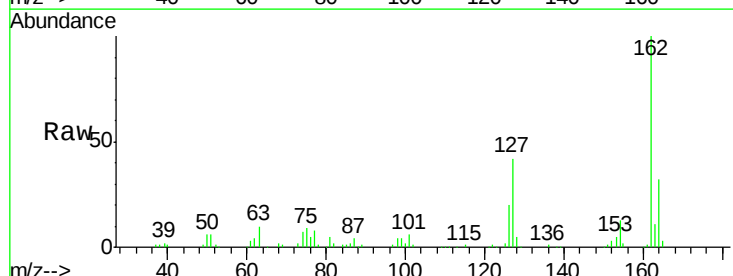
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

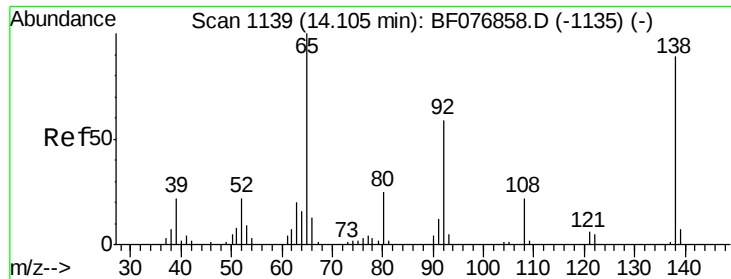
Tot Ion:154 Resp: 218697  
 Ion Ratio Lower Upper  
 154 100  
 153 41.3 20.2 60.2  
 76 9.6 0.0 29.0



#46  
 2-Chloronaphthalene  
 Concen: 36.62 ng  
 RT: 13.72 min Scan# 1105  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Tgt Ion:162 Resp: 174590  
 Ion Ratio Lower Upper  
 162 100  
 127 41.8 33.8 50.6  
 164 32.3 26.8 40.2

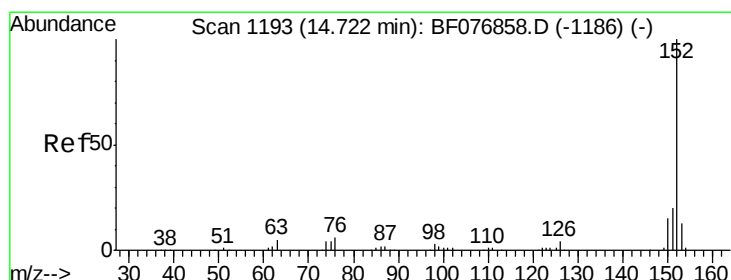
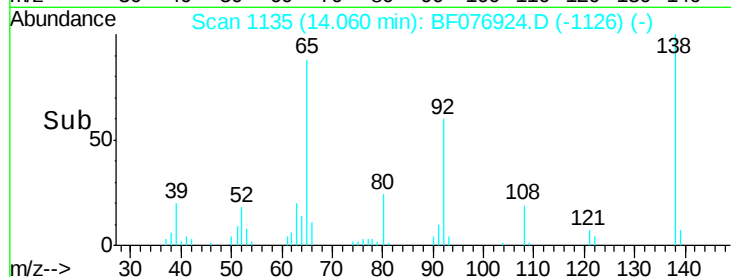
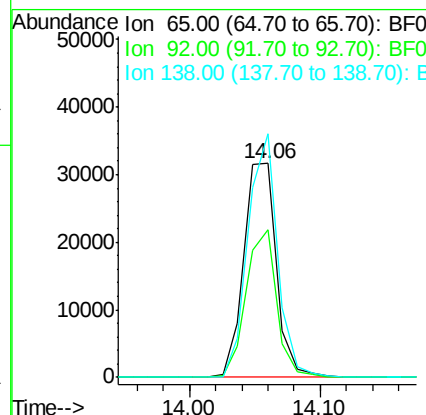
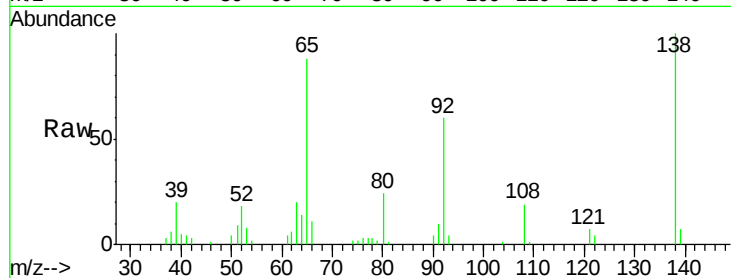




#47  
2-Nitroaniline  
Concen: 38.25 ng  
RT: 14.06 min Scan# 1135  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

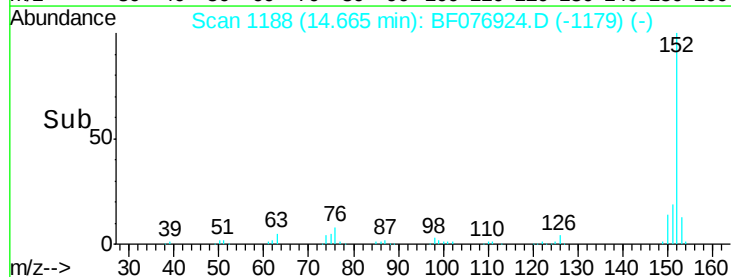
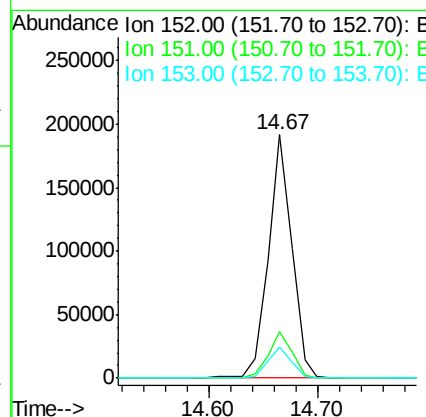
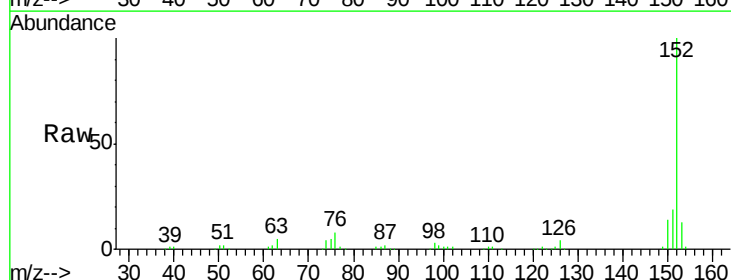
Instrument :  
BNA\_F  
ClientSampleId :  
PB81373BS

Tot Ion: 65 Resp: 55328  
Ion Ratio Lower Upper  
65 100  
92 68.9 47.3 70.9  
138 113.9 71.4 107.2#



#48  
Acenaphthylene  
Concen: 35.89 ng  
RT: 14.67 min Scan# 1188  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Tgt Ion: 152 Resp: 288669  
Ion Ratio Lower Upper  
152 100  
151 18.9 15.9 23.9  
153 12.7 10.2 15.4

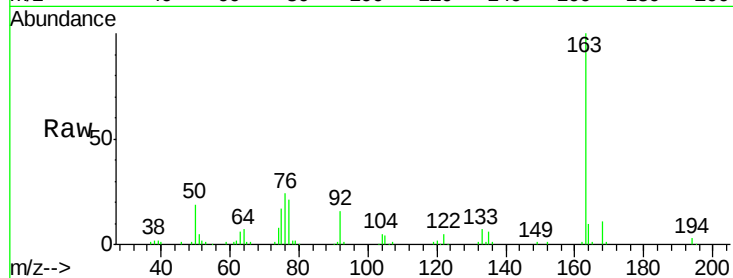




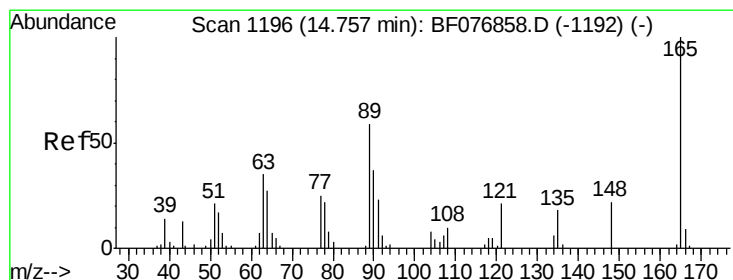
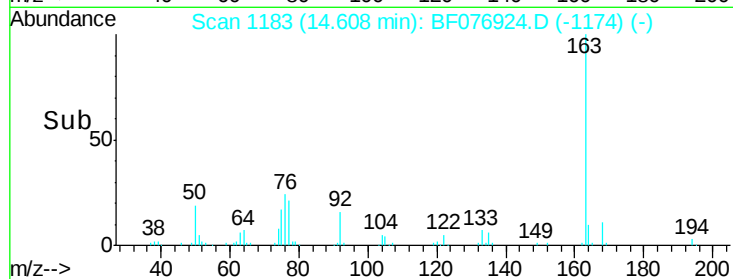
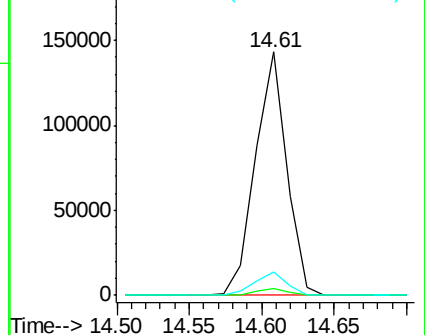
#49  
Dimethylphthalate  
Concen: 38.72 ng  
RT: 14.61 min Scan# 1183  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Instrument :  
BNA\_F  
ClientSampleId :  
PB81373BS

Tot Ion:163 Resp: 214583  
Ion Ratio Lower Upper  
163 100  
194 3.0 2.6 4.0  
164 9.9 7.5 11.3

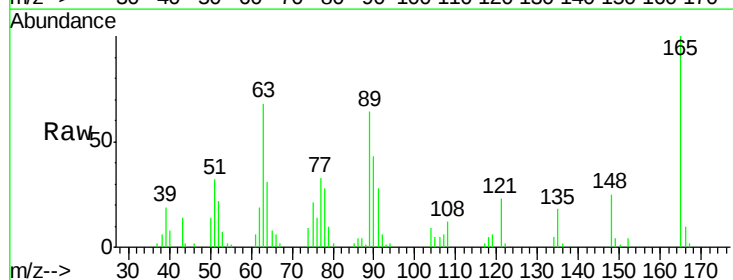


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

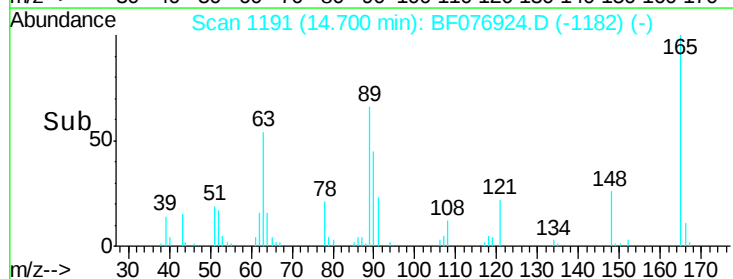
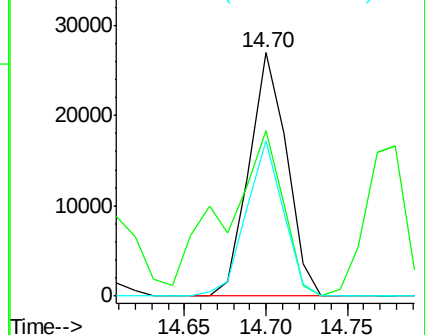


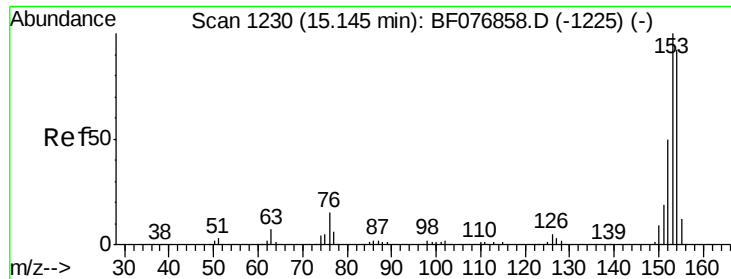
#50  
2,6-Dinitrotoluene  
Concen: 39.05 ng  
RT: 14.70 min Scan# 1191  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Tgt Ion:165 Resp: 43241  
Ion Ratio Lower Upper  
165 100  
63 68.1 48.1 72.1  
89 63.7 47.2 70.8



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.27 ng

RT: 15.09 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

Instrument :

BNA\_F

ClientSampleId :

PB81373BS

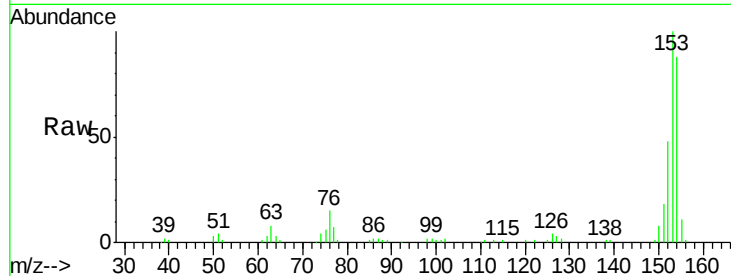
Tot Ion:154 Resp: 160910

Ion Ratio Lower Upper

154 100

153 113.1 87.0 130.6

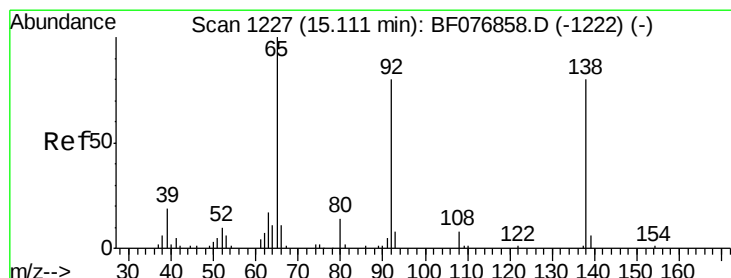
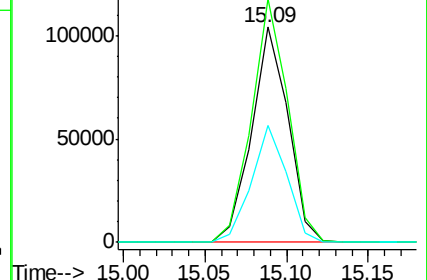
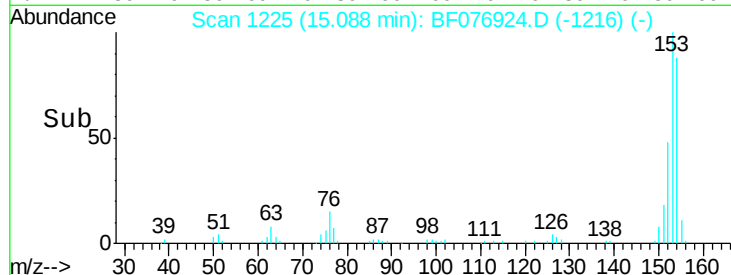
152 54.2 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.97 ng

RT: 15.05 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

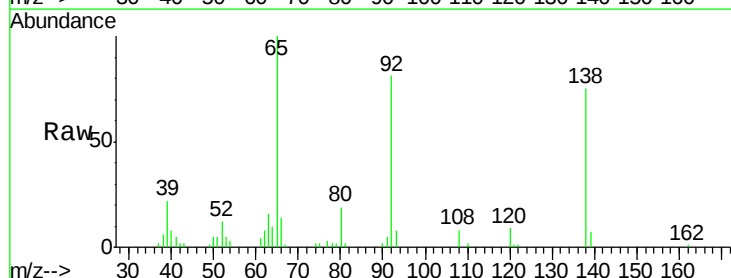
Tgt Ion:138 Resp: 34794

Ion Ratio Lower Upper

138 100

108 10.0 8.3 12.5

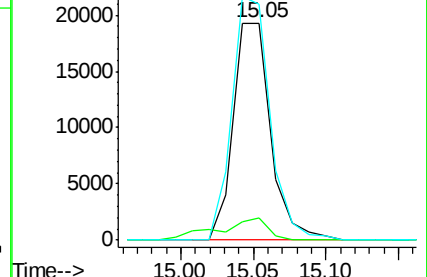
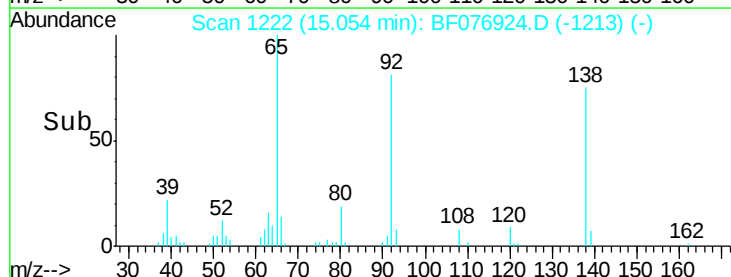
92 108.8 80.9 121.3

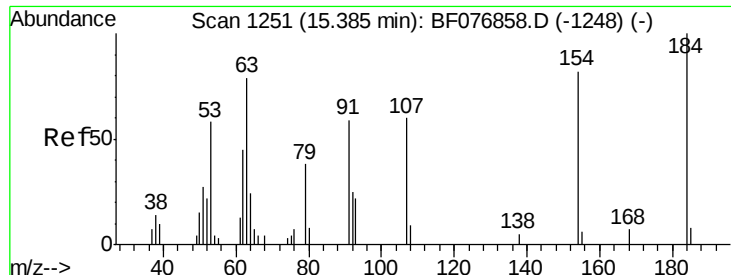


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

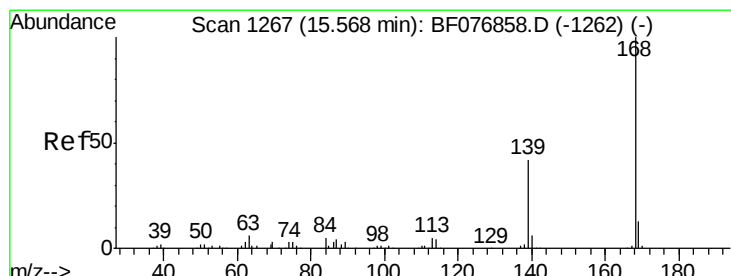
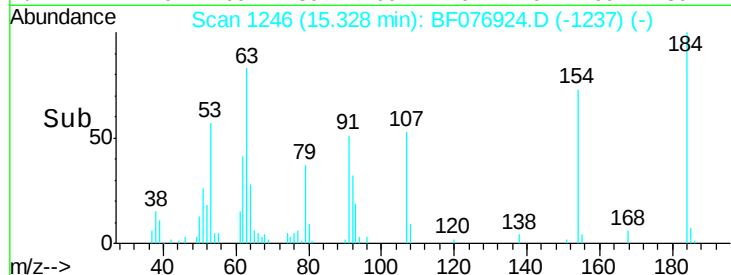
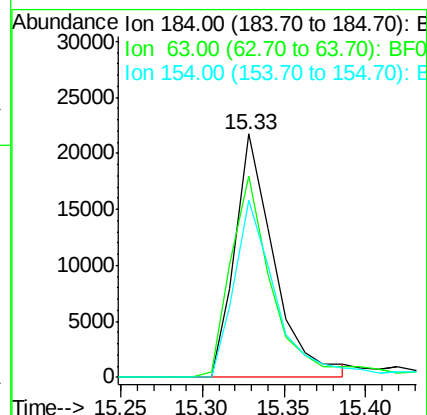
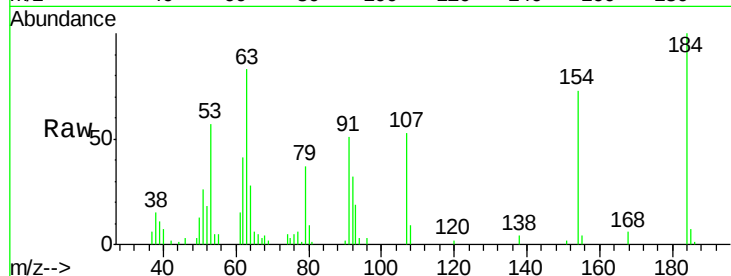




#53  
2,4-Dinitrophenol  
Concen: 70.96 ng  
RT: 15.33 min Scan# 1246  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

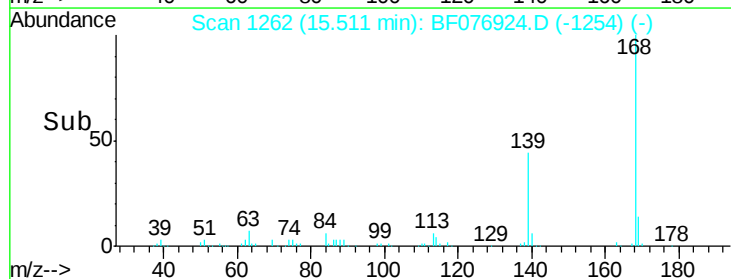
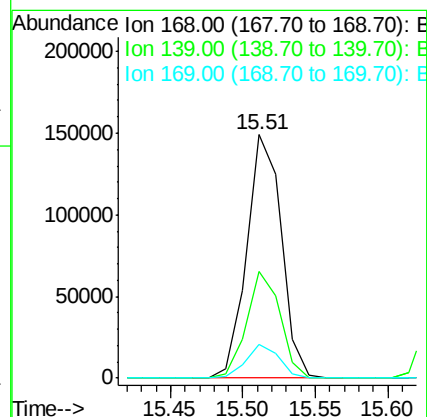
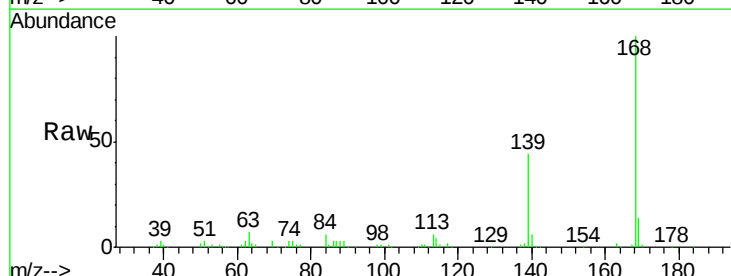
Instrument :  
BNA\_F  
ClientSampleId :  
PB81373BS

Tot Ion:184 Resp: 36065  
Ion Ratio Lower Upper  
184 100  
63 82.8 63.0 94.6  
154 72.7 65.5 98.3



#54  
Dibenzofuran  
Concen: 37.04 ng  
RT: 15.51 min Scan# 1262  
Delta R.T. -0.01 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Tgt Ion:168 Resp: 246225  
Ion Ratio Lower Upper  
168 100  
139 44.0 33.4 50.2  
169 13.6 10.6 15.8

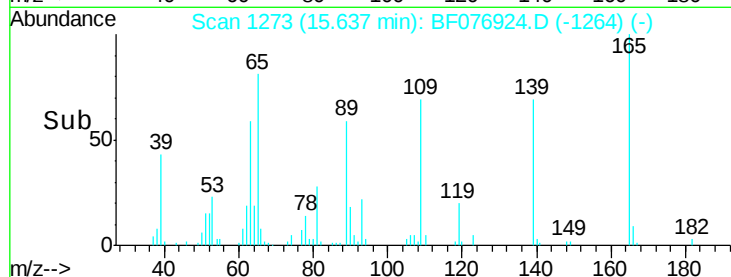
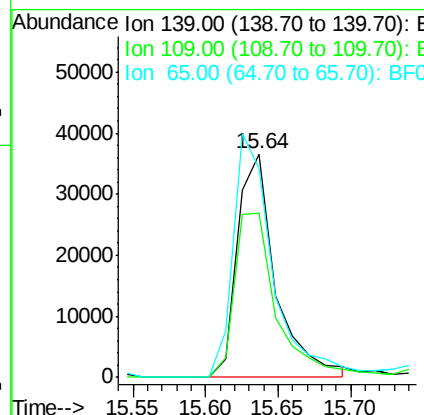
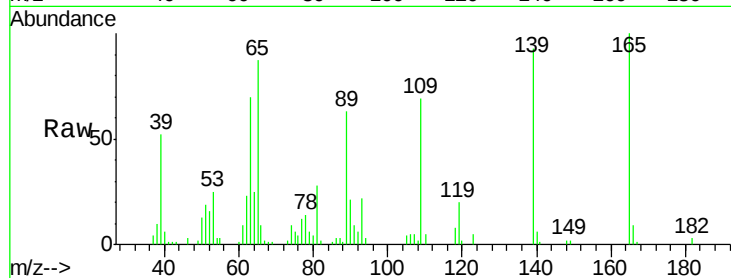




#55  
 4-Nitrophenol  
 Concen: 77.13 ng  
 RT: 15.64 min Scan# 1273  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

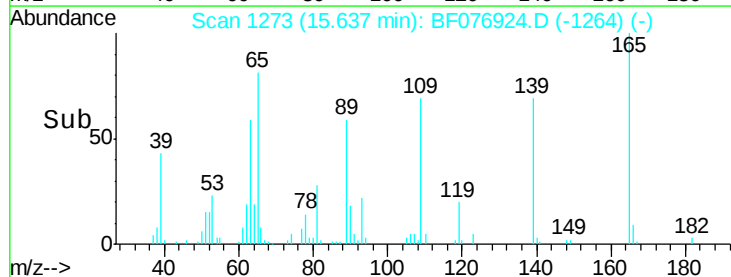
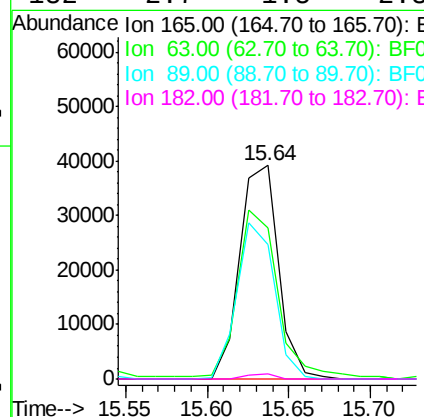
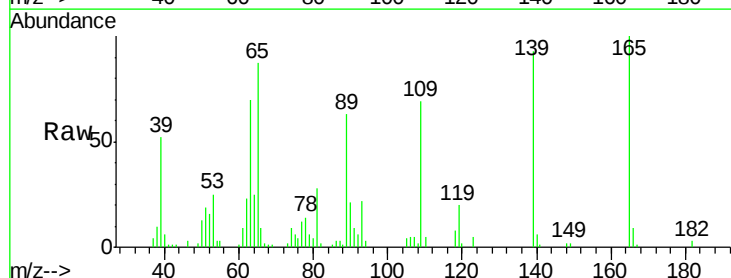
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

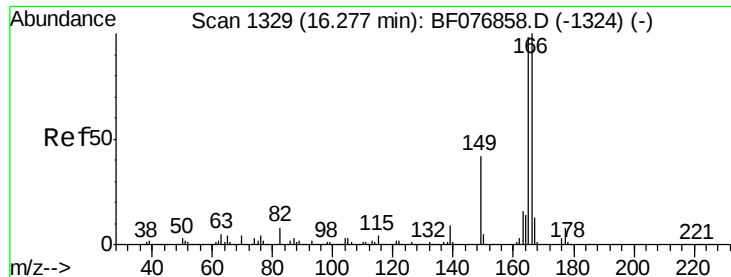
Tot Ion:139 Resp: 67013  
 Ion Ratio Lower Upper  
 139 100  
 109 73.4 61.0 101.0  
 65 93.6 96.6 136.6#



#56  
 2,4-Dinitrotoluene  
 Concen: 39.04 ng  
 RT: 15.64 min Scan# 1273  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Tgt Ion:165 Resp: 64116  
 Ion Ratio Lower Upper  
 165 100  
 63 70.5 44.8 67.2#  
 89 62.8 56.2 84.2  
 182 2.7 1.5 2.3#

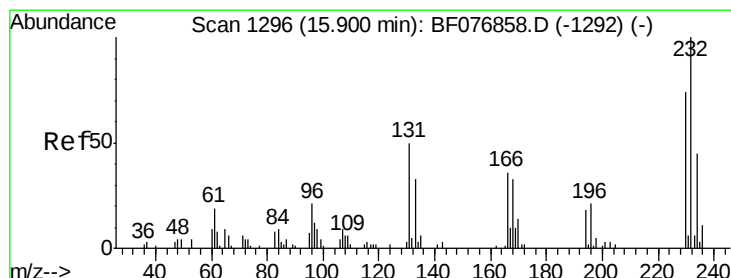
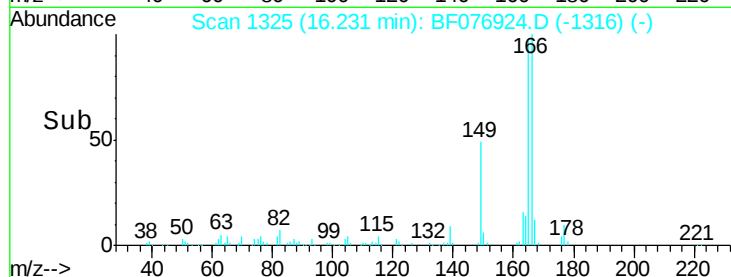
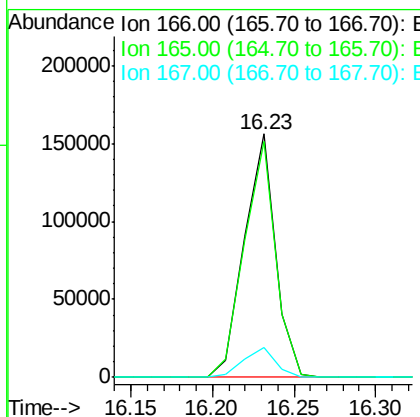
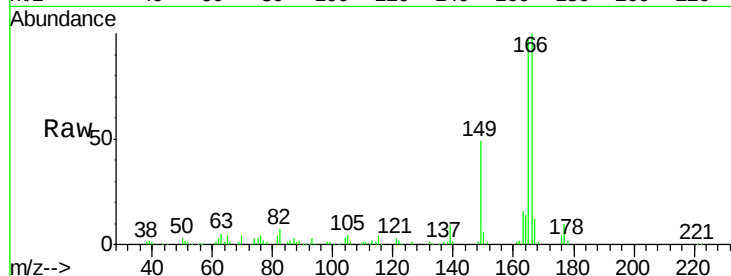




#57  
 Fluorene  
 Concen: 36.54 ng  
 RT: 16.23 min Scan# 1325  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

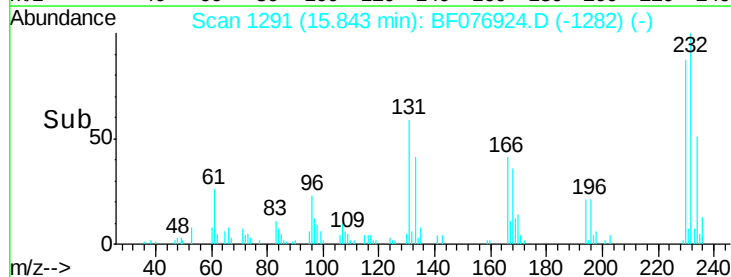
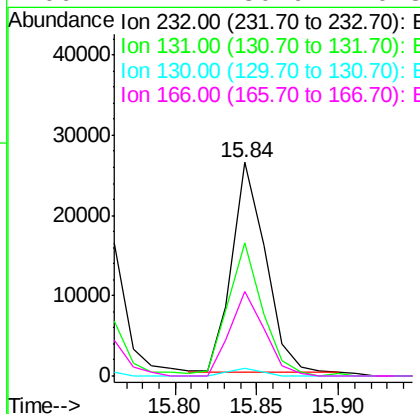
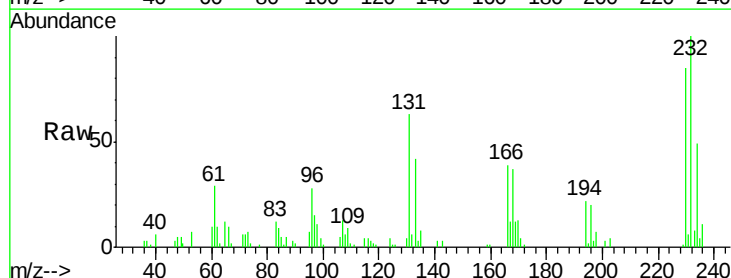
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

Tot Ion:166 Resp: 205790  
 Ion Ratio Lower Upper  
 166 100  
 165 96.8 78.5 117.7  
 167 12.5 10.4 15.6



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 35.57 ng  
 RT: 15.84 min Scan# 1291  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Tgt Ion:232 Resp: 37188  
 Ion Ratio Lower Upper  
 232 100  
 131 65.7 45.0 67.6  
 130 3.5 2.6 3.8  
 166 41.1 30.9 46.3

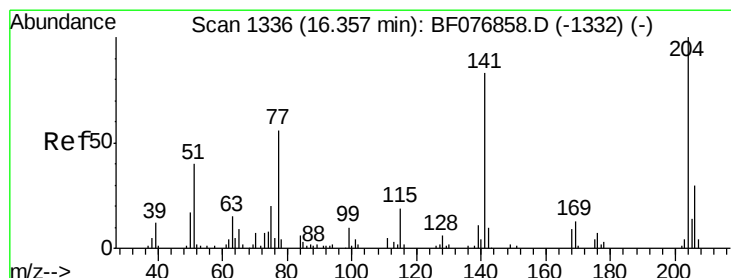
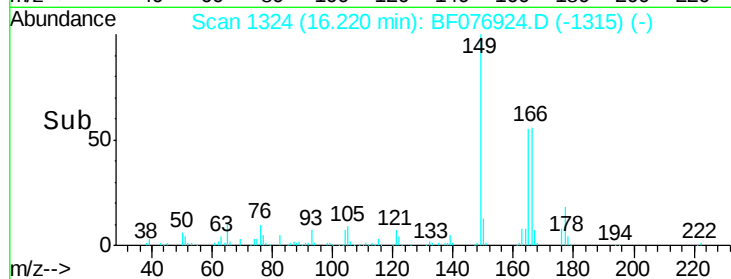
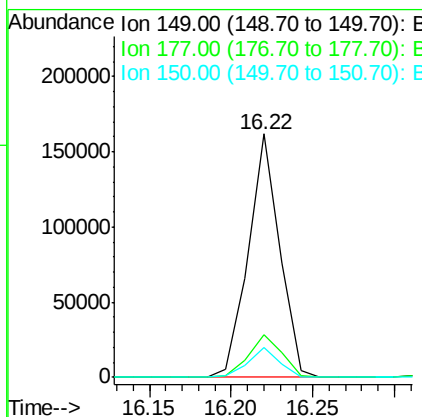
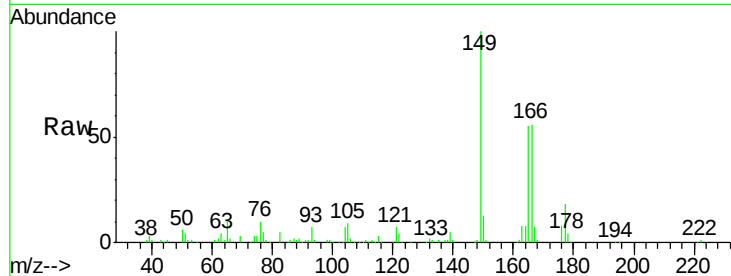




#59  
Diethylphthalate  
Concen: 38.48 ng  
RT: 16.22 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

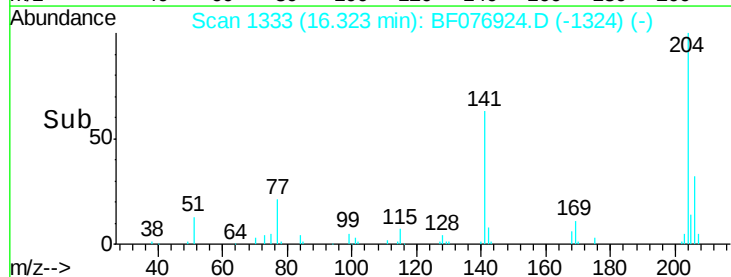
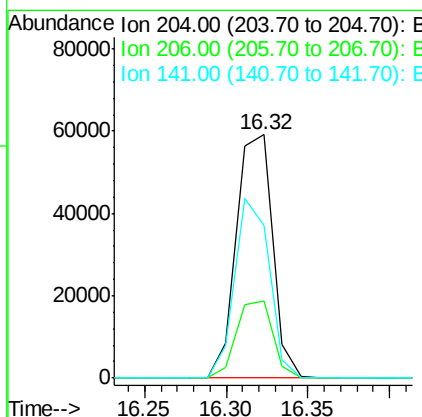
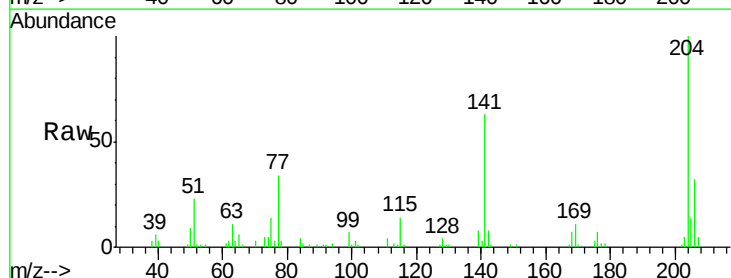
Instrument :  
BNA\_F  
ClientSampleId :  
PB81373BS

Tot Ion:149 Resp: 21551  
Ion Ratio Lower Upper  
149 100  
177 17.6 15.0 22.6  
150 12.5 9.4 14.0



#60  
4-Chlorophenyl-phenylether  
Concen: 39.50 ng  
RT: 16.32 min Scan# 1333  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Tgt Ion:204 Resp: 90997  
Ion Ratio Lower Upper  
204 100  
206 31.6 24.2 36.2  
141 62.5 66.7 100.1#

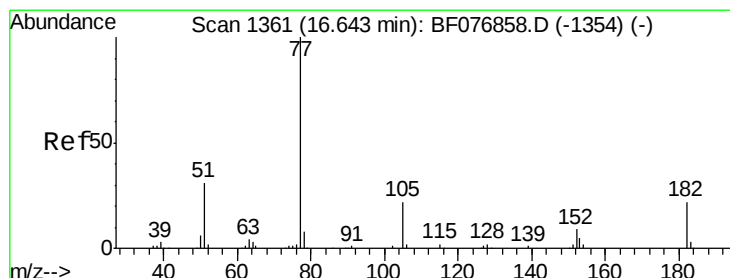
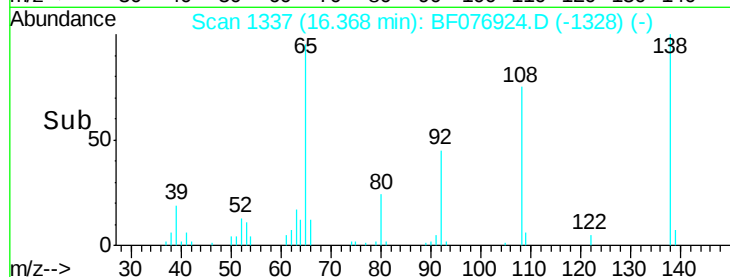
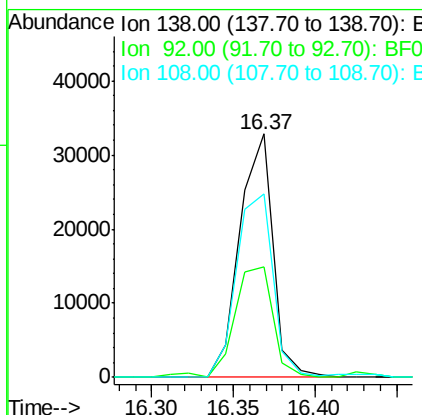
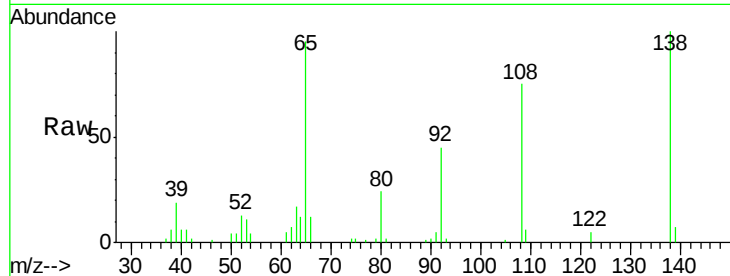




#61  
4-Nitroaniline  
Concen: 33.59 ng  
RT: 16.37 min Scan# 1337  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

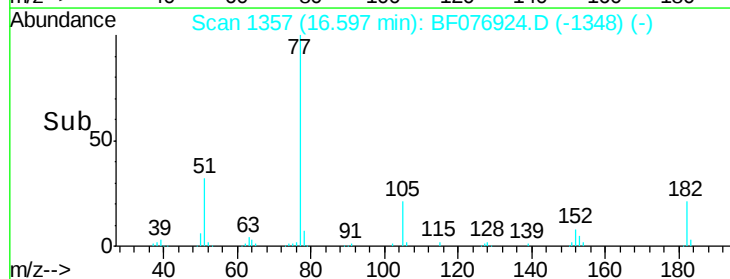
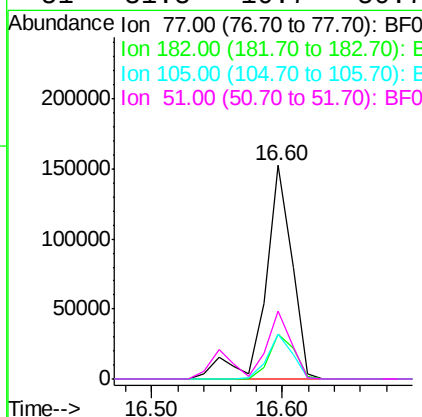
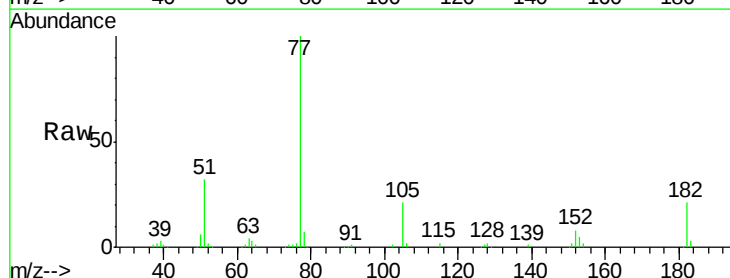
Instrument :  
BNA\_F  
ClientSampleId :  
PB81373BS

Tot Ion:138 Resp: 46267  
Ion Ratio Lower Upper  
138 100  
92 45.2 26.7 66.7  
108 75.2 64.5 104.5



#62  
Azobenzene  
Concen: 37.91 ng  
RT: 16.60 min Scan# 1357  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Tgt Ion: 77 Resp: 221281  
Ion Ratio Lower Upper  
77 100  
182 20.7 2.0 42.0  
105 21.3 2.3 42.3  
51 31.8 10.7 50.7

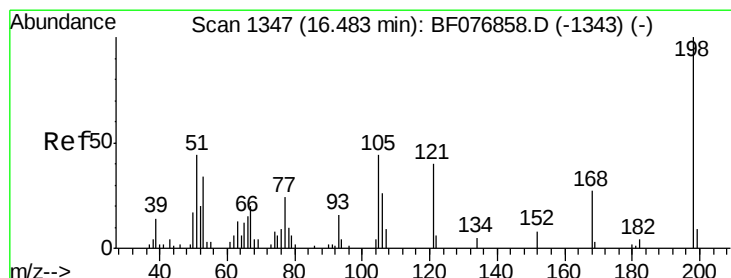
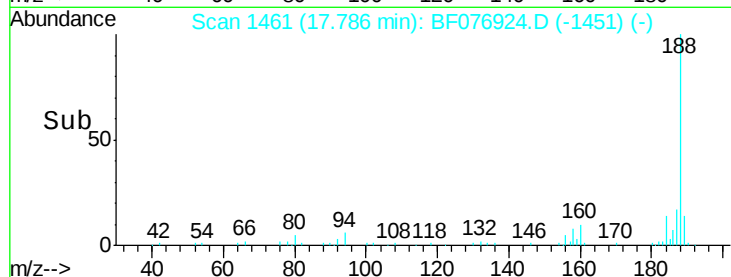
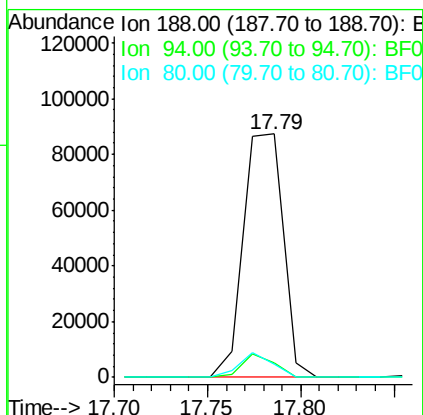
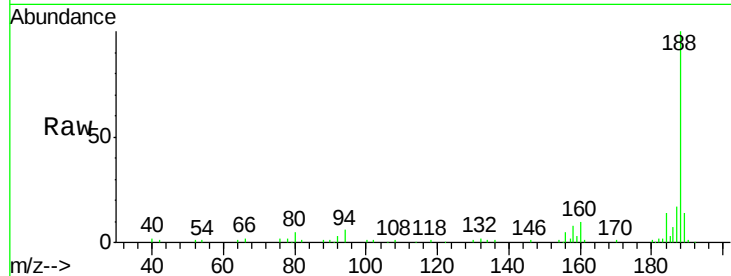




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.79 min Scan# 1461  
 Delta R.T. 0.01 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

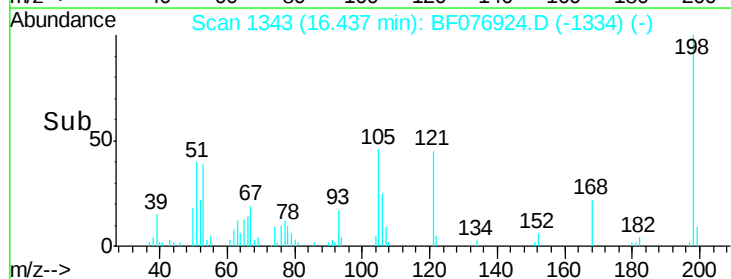
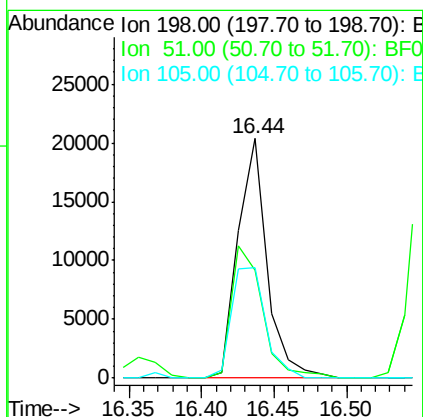
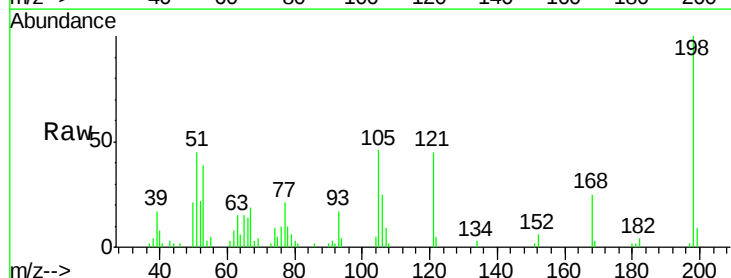
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

Tot Ion:188 Resp: 129322  
 Ion Ratio Lower Upper  
 188 100  
 94 6.0 6.0 9.0#  
 80 5.4 6.9 10.3#



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 35.06 ng  
 RT: 16.44 min Scan# 1343  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Tgt Ion:198 Resp: 28342  
 Ion Ratio Lower Upper  
 198 100  
 51 45.2 24.2 64.2  
 105 46.1 24.0 64.0

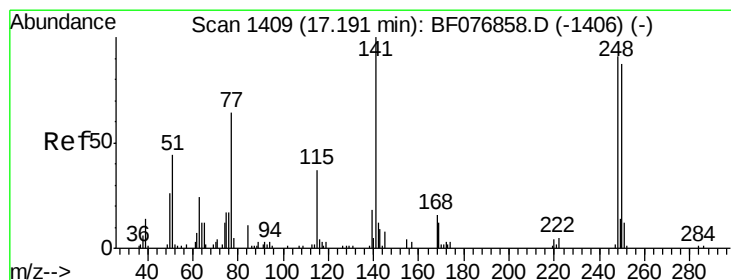
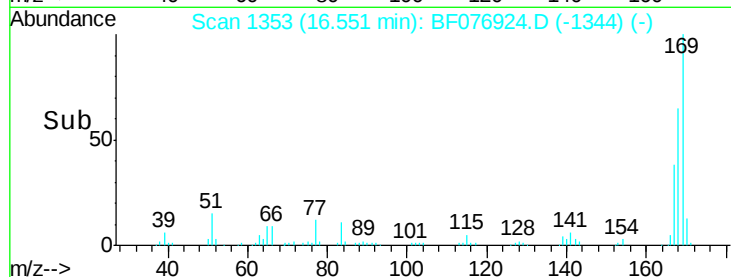
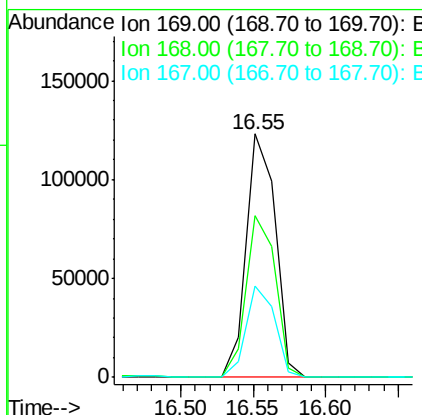
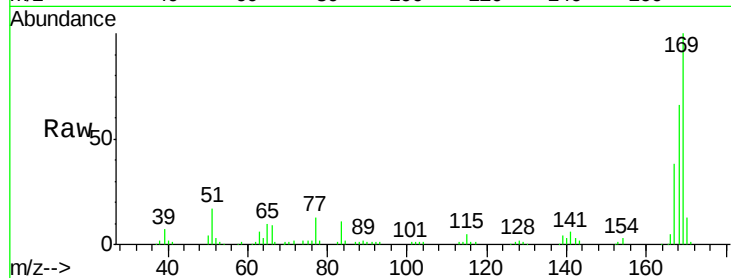




#65  
 n-Nitrosodiphenylamine  
 Concen: 37.33 ng  
 RT: 16.55 min Scan# 1353  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

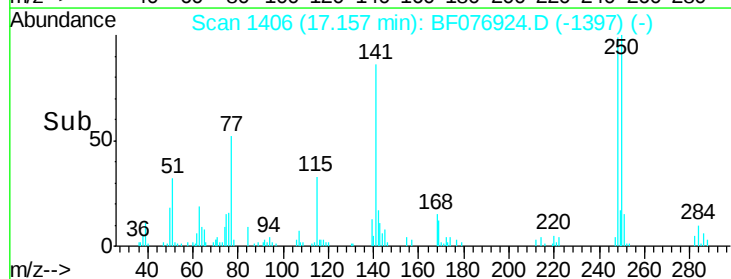
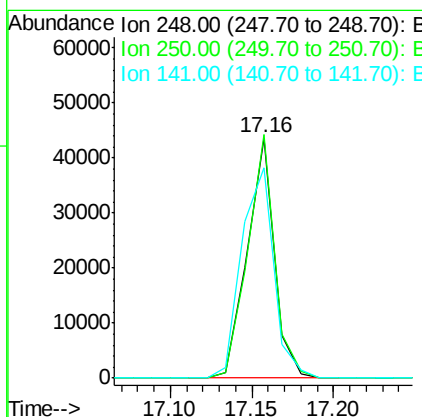
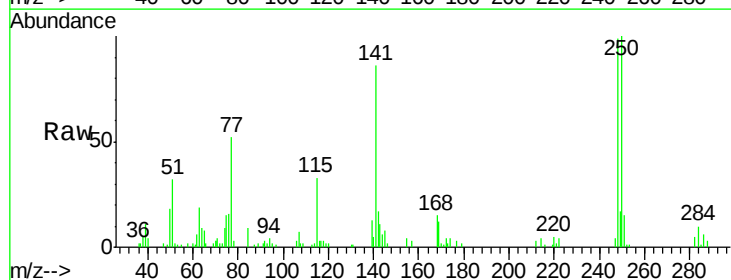
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

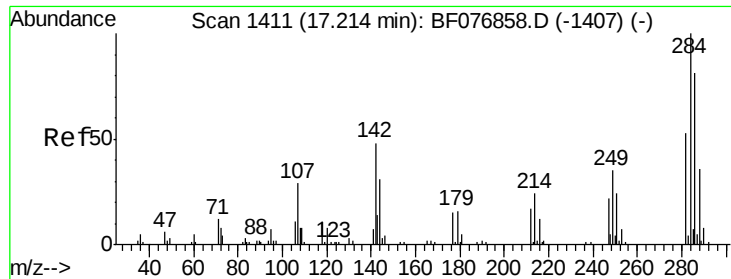
Tot Ion:169 Resp: 172143  
 Ion Ratio Lower Upper  
 169 100  
 168 66.5 53.8 80.6  
 167 37.8 27.8 41.6



#66  
 4-Bromophenyl-phenylether  
 Concen: 38.38 ng  
 RT: 17.16 min Scan# 1406  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Tgt Ion:248 Resp: 50279  
 Ion Ratio Lower Upper  
 248 100  
 250 101.4 77.1 115.7  
 141 87.7 88.2 132.4#

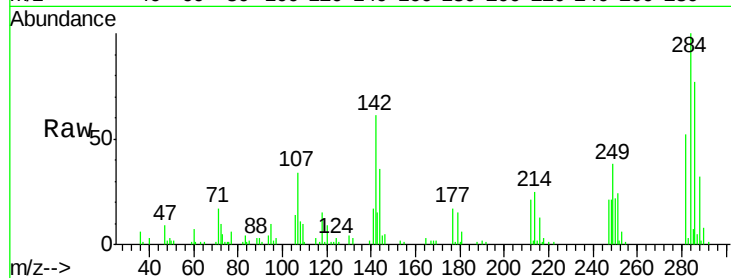




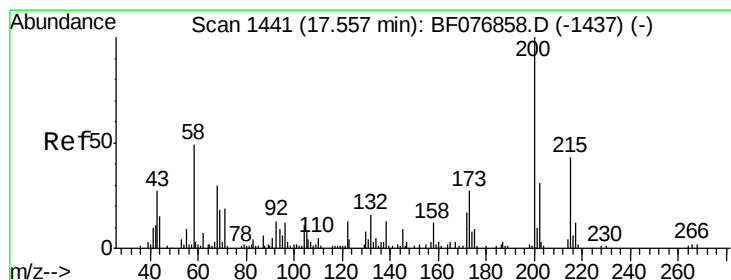
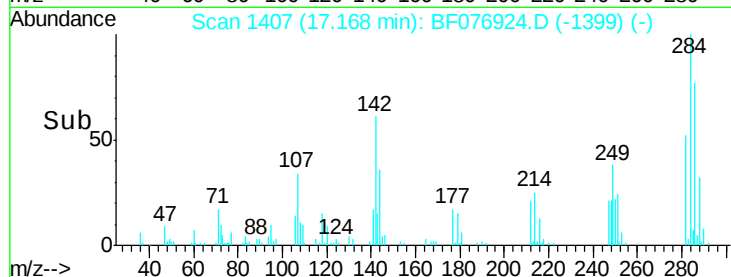
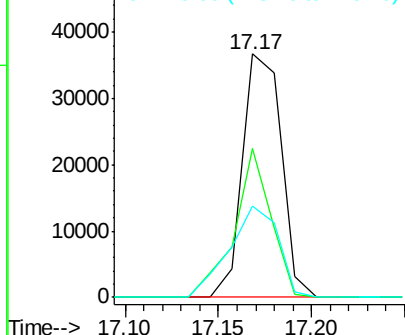
#67  
Hexachlorobenzene  
Concen: 38.69 ng  
RT: 17.17 min Scan# 1407  
Delta R.T. -0.01 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Instrument :  
BNA\_F  
ClientSampleId :  
PB81373BS

Tot Ion:284 Resp: 53415  
Ion Ratio Lower Upper  
284 100  
142 60.9 38.2 57.4#  
249 37.5 28.2 42.2

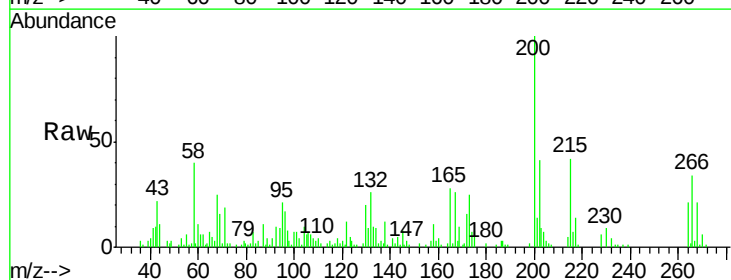


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

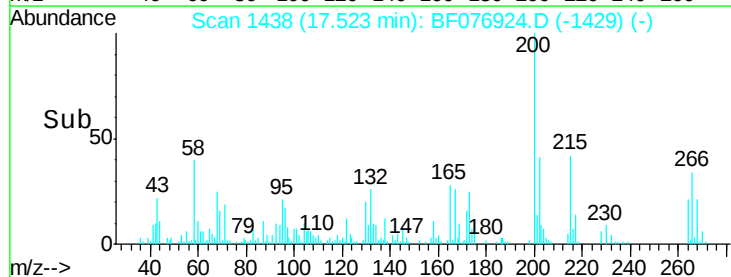
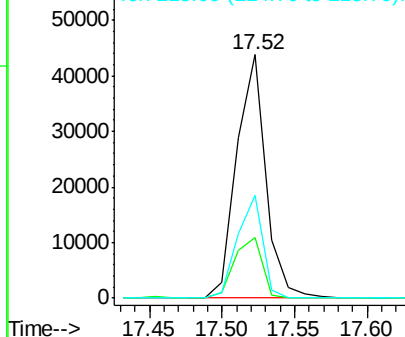


#68  
Atrazine  
Concen: 43.72 ng  
RT: 17.52 min Scan# 1438  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Tgt Ion:200 Resp: 61180  
Ion Ratio Lower Upper  
200 100  
173 24.7 6.6 46.6  
215 42.3 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

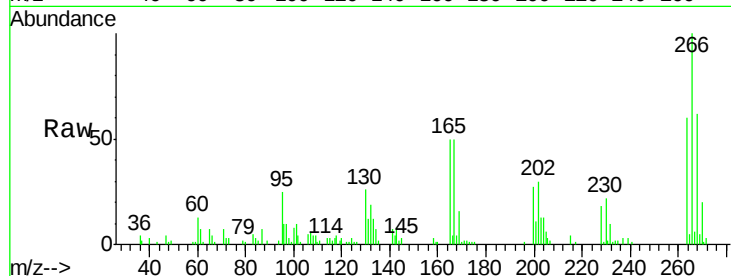




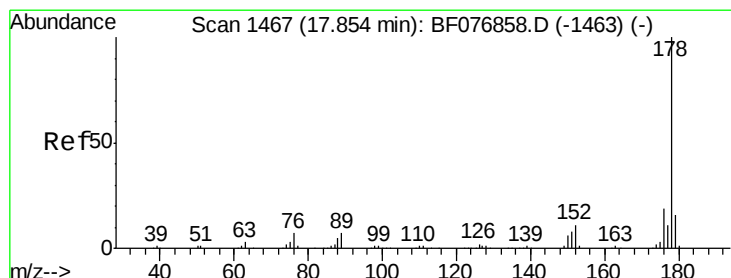
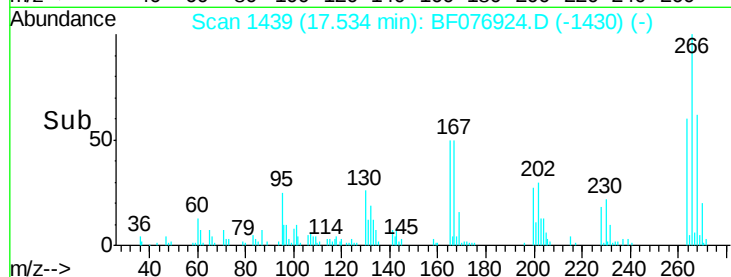
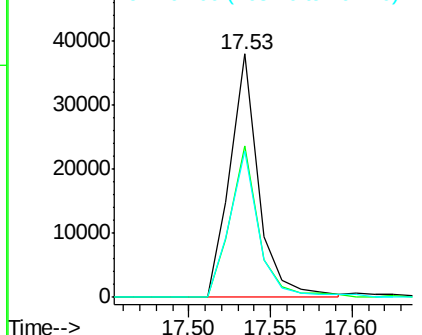
#69  
 Pentachlorophenol  
 Concen: 73.51 ng  
 RT: 17.53 min Scan# 1439  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.1  | 48.6  | 72.8  |
| 264     | 60.3  | 49.5  | 74.3  |

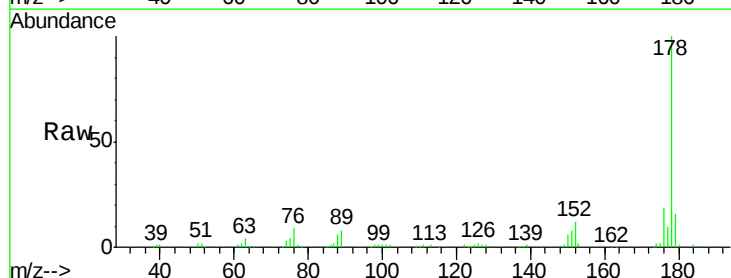


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

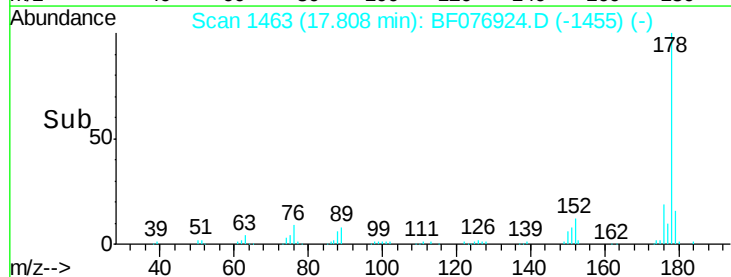
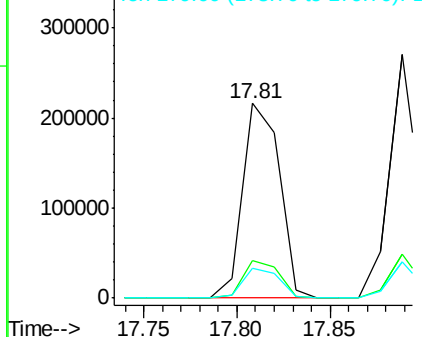


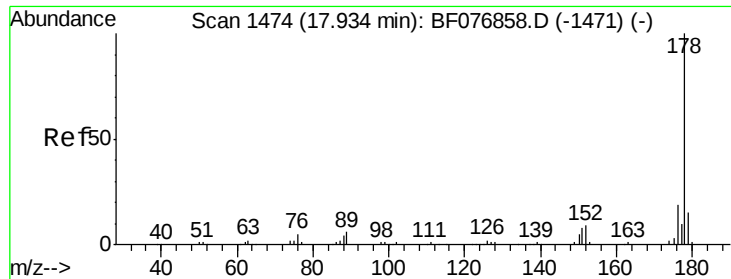
#70  
 Phenanthrene  
 Concen: 36.67 ng  
 RT: 17.81 min Scan# 1463  
 Delta R.T. -0.01 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.1  | 22.7  |
| 179     | 15.5  | 12.7  | 19.1  |



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

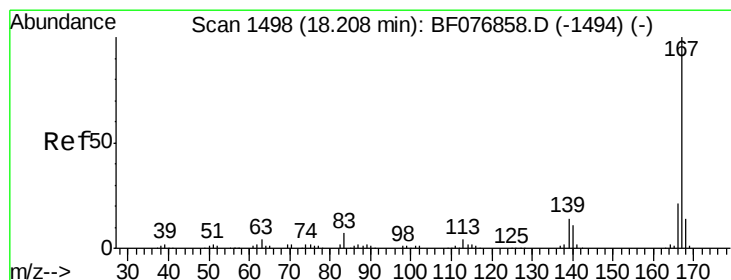
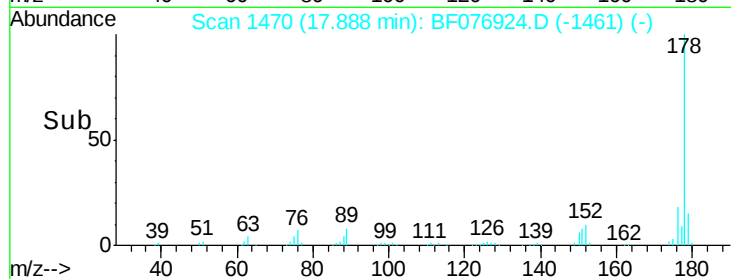
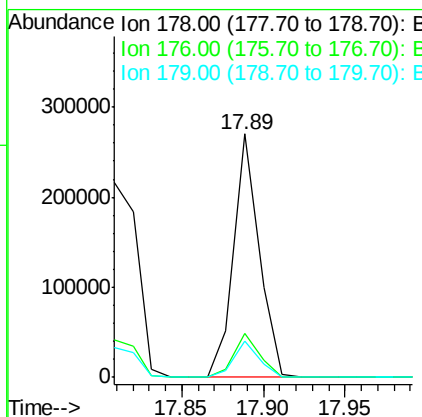
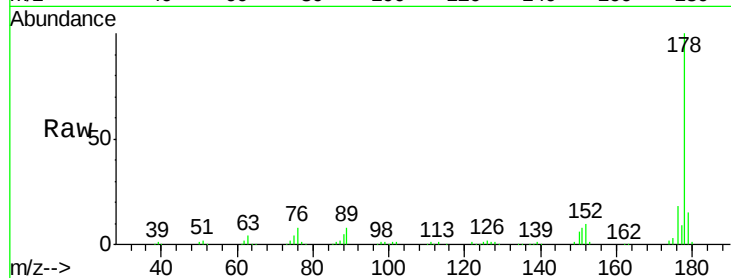




#71  
 Anthracene  
 Concen: 37.20 ng  
 RT: 17.89 min Scan# 1470  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

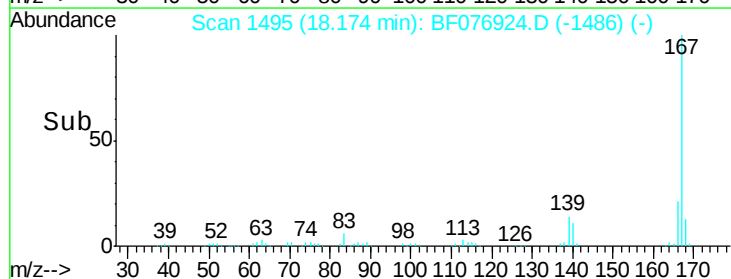
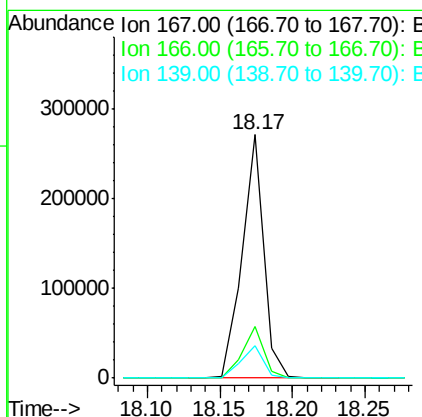
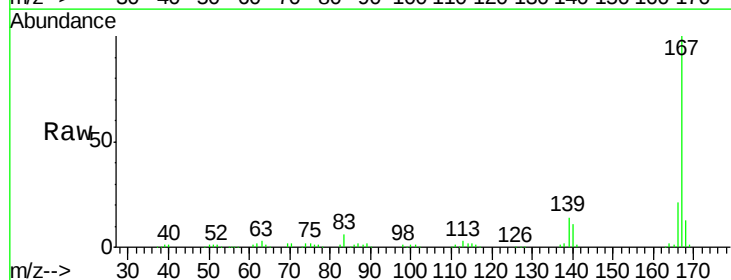
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

Tot Ion:178 Resp: 292542  
 Ion Ratio Lower Upper  
 178 100  
 176 17.9 15.4 23.0  
 179 14.8 11.9 17.9



#72  
 Carbazole  
 Concen: 37.01 ng  
 RT: 18.17 min Scan# 1495  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Tgt Ion:167 Resp: 282319  
 Ion Ratio Lower Upper  
 167 100  
 166 21.0 17.0 25.6  
 139 13.6 11.3 16.9





#73

Di-n-butylphthalate

Concen: 38.46 ng

RT: 18.76 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

Instrument :

BNA\_F

ClientSampleId :

PB81373BS

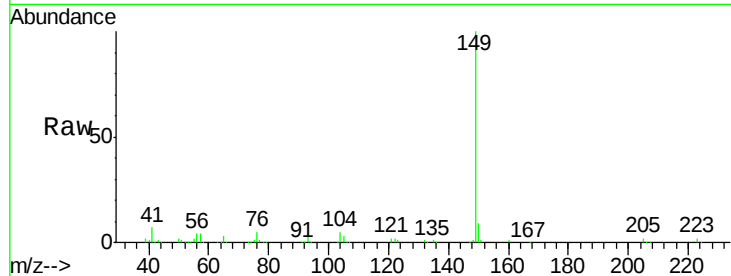
Tot Ion:149 Resp: 339611

Ion Ratio Lower Upper

149 100

150 9.1 6.9 10.3

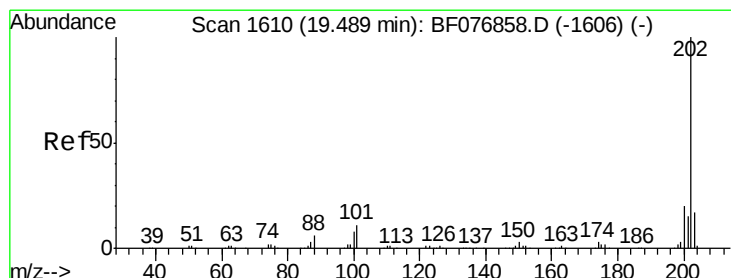
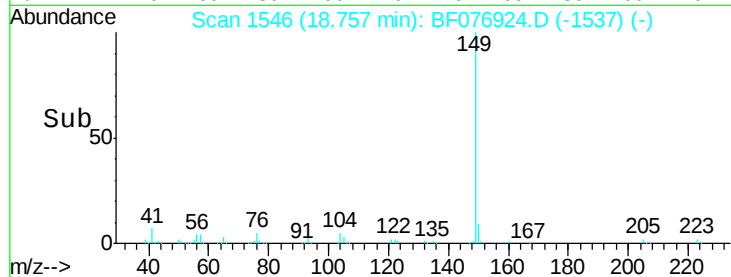
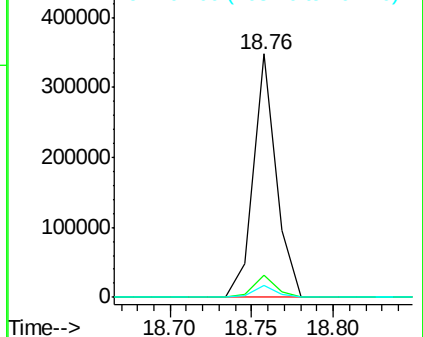
104 4.8 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.57 ng

RT: 19.45 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

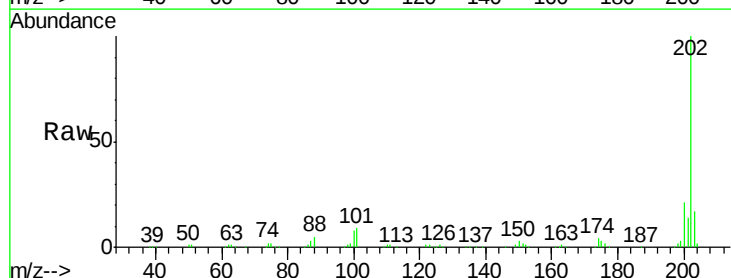
Tgt Ion:202 Resp: 302203

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.7

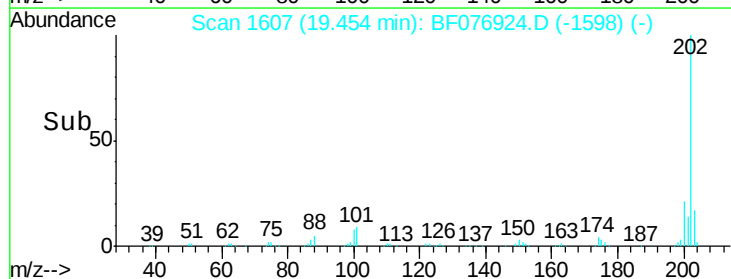
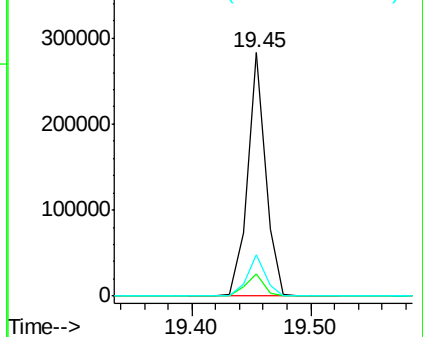
203 17.0 0.0 36.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

Instrument :

BNA\_F

ClientSampleId :

PB81373BS

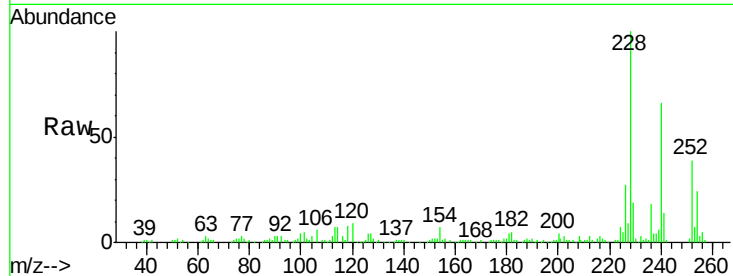
Tot Ion:240 Resp: 112283

Ion Ratio Lower Upper

240 100

120 13.1 10.4 15.6

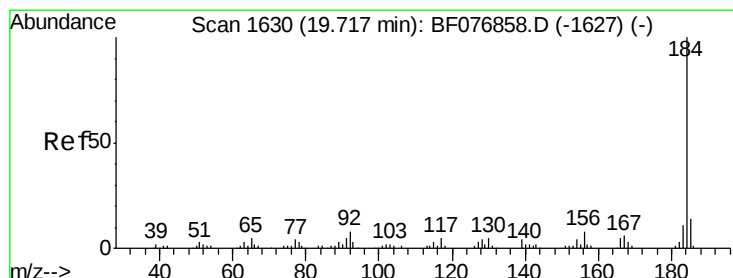
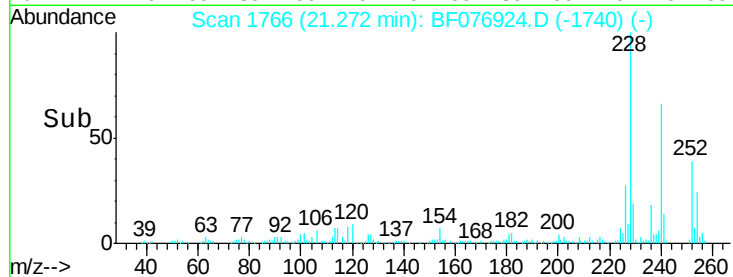
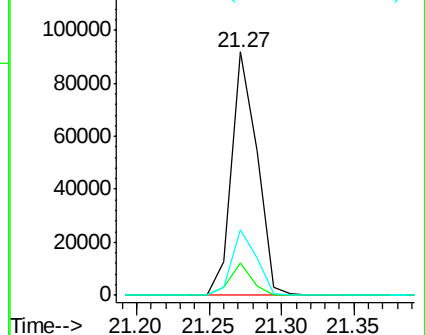
236 27.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.59 ng

RT: 19.69 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

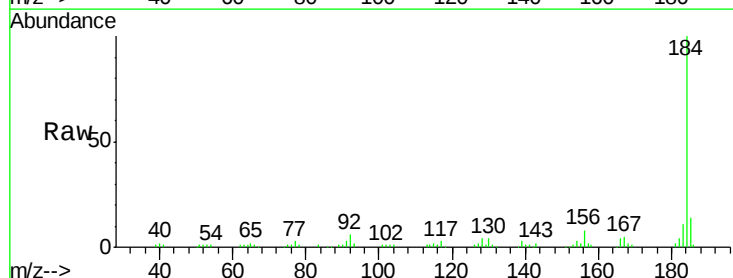
Tgt Ion:184 Resp: 135051

Ion Ratio Lower Upper

184 100

185 14.5 11.4 17.2

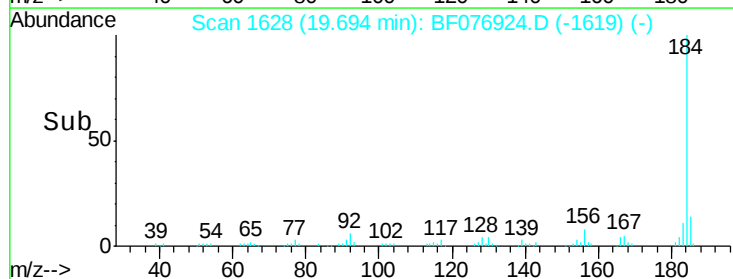
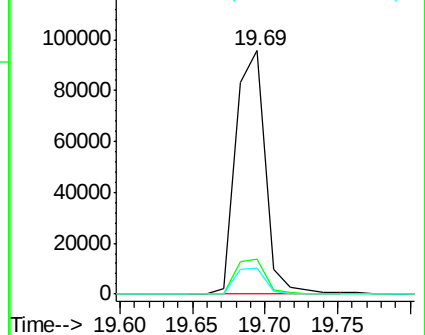
183 10.8 9.0 13.6

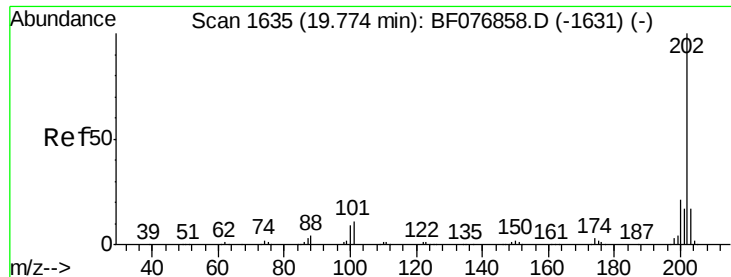


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

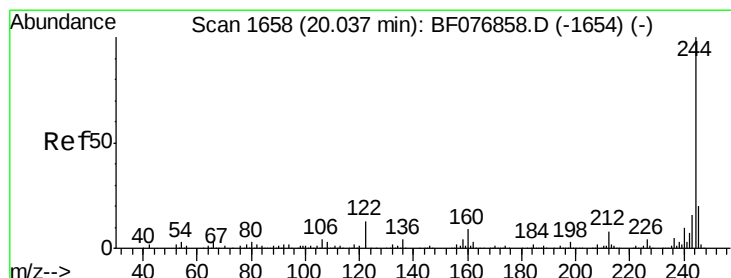
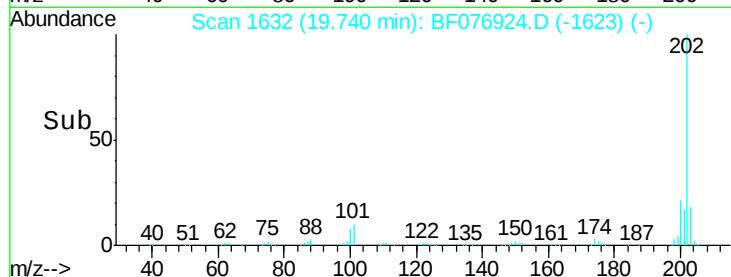
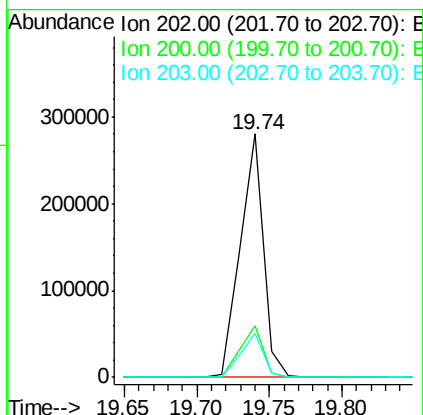
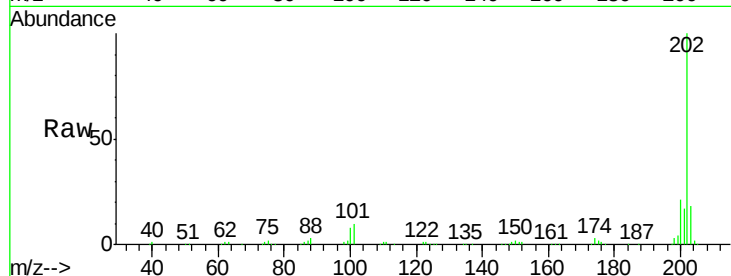




#77  
 Pvrene  
 Concen: 40.46 ng  
 RT: 19.74 min Scan# 1632  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

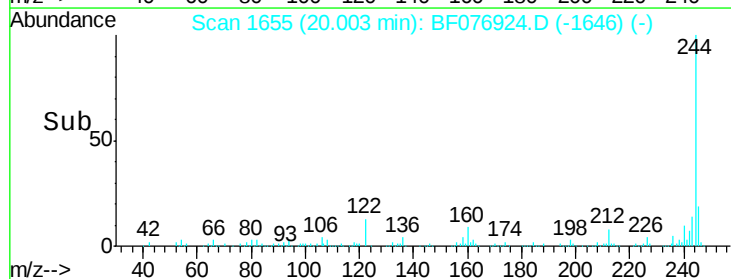
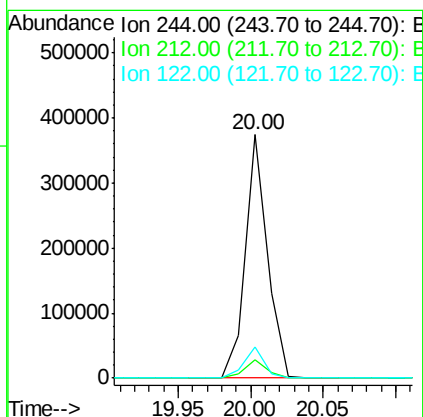
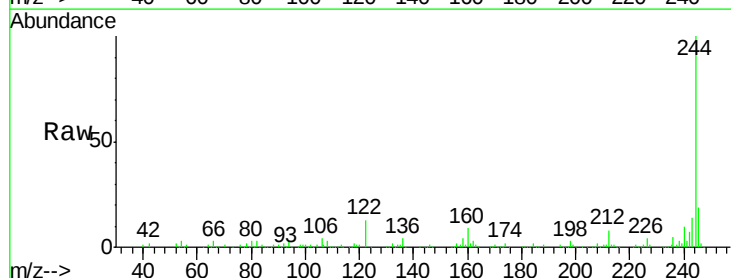
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

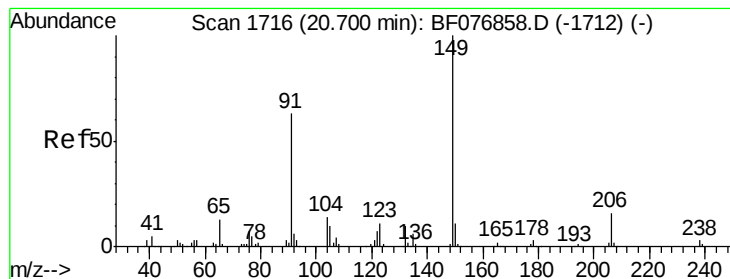
Tot Ion:202 Resp: 311318  
 Ion Ratio Lower Upper  
 202 100  
 200 21.4 16.7 25.1  
 203 17.9 14.0 21.0



#78  
 Terphenyl-d14  
 Concen: 80.81 ng  
 RT: 20.00 min Scan# 1655  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Tgt Ion:244 Resp: 394156  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.3 9.5  
 122 12.9 10.1 15.1





#79

Butylbenzylphthalate

Concen: 40.76 ng

RT: 20.67 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

Instrument :

BNA\_F

ClientSampleId :

PB81373BS

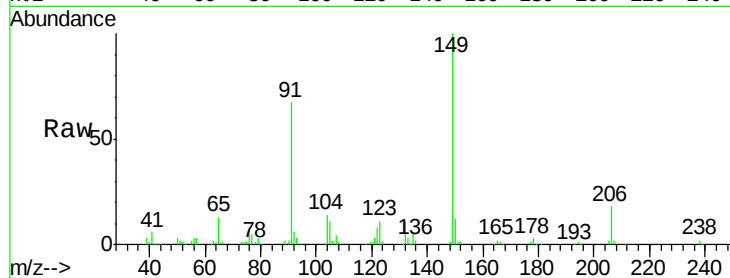
Tot Ion:149 Resp: 142054

Ion Ratio Lower Upper

149 100

91 66.6 50.6 76.0

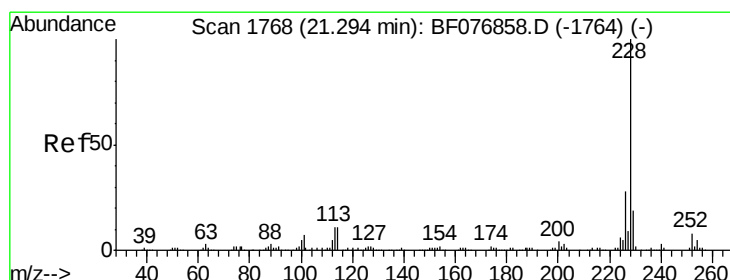
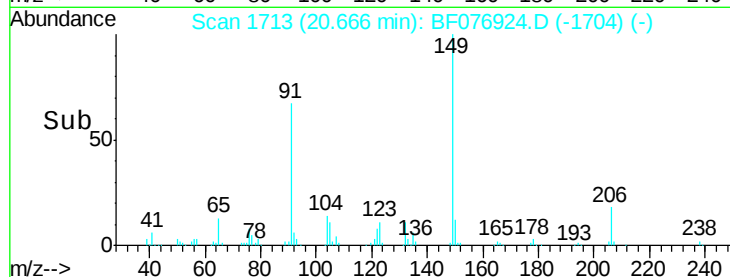
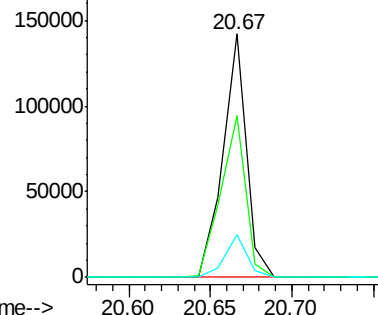
206 17.7 12.8 19.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.18 ng

RT: 21.26 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF076924.D

Acq: 19 Jan 2015 11:55

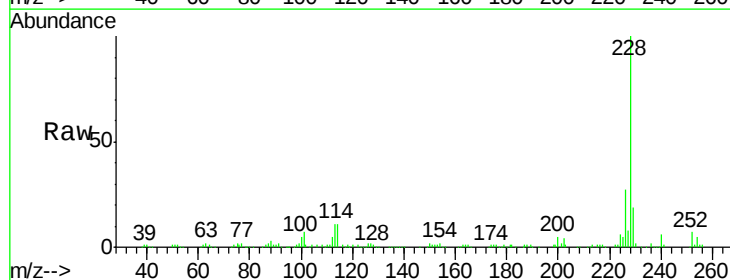
Tgt Ion:228 Resp: 268963

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

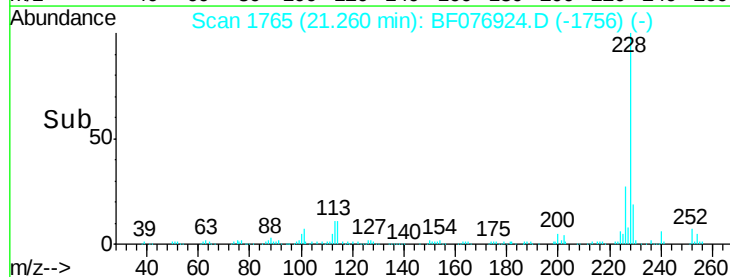
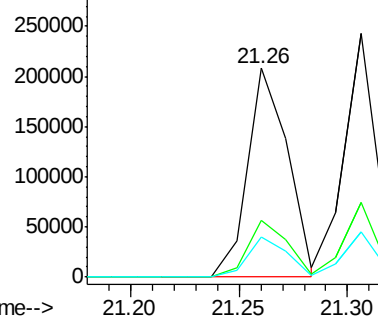
229 19.3 15.5 23.3

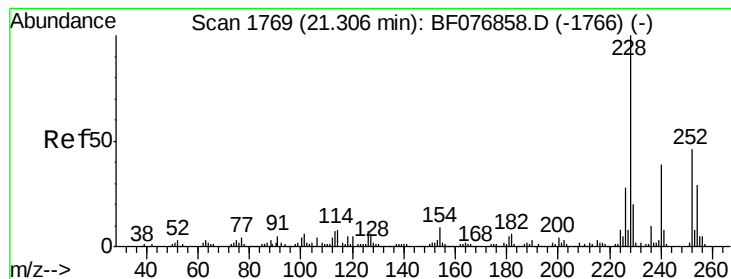


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

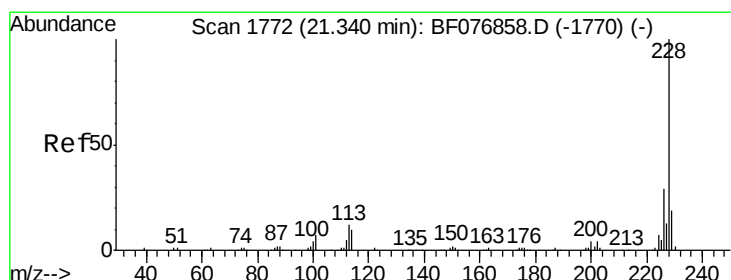
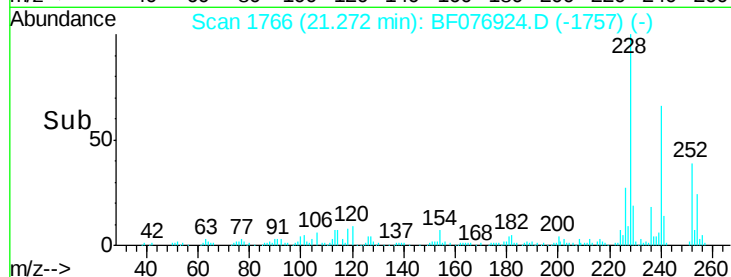
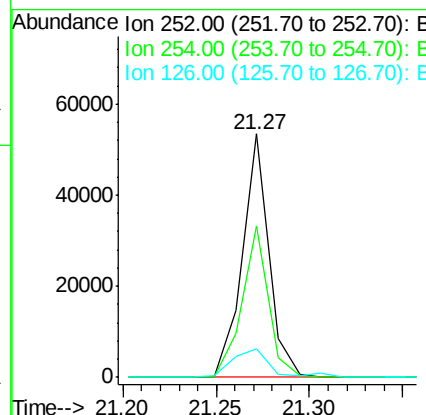
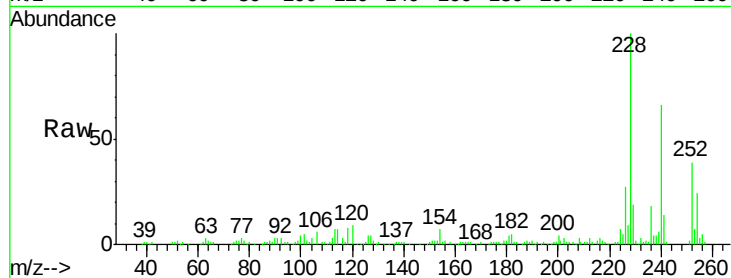




#81  
 3,3'-Dichlorobenzidine  
 Concen: 23.69 ng  
 RT: 21.27 min Scan# 1766  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

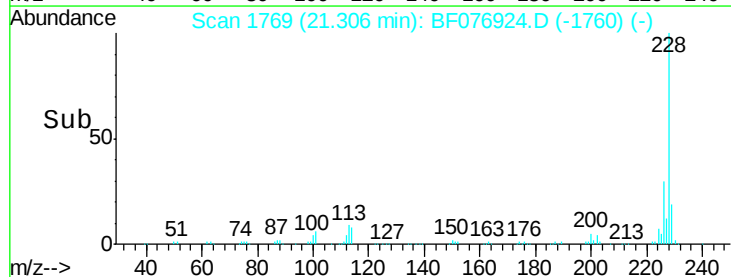
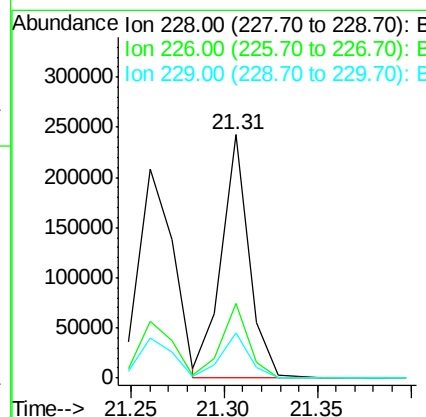
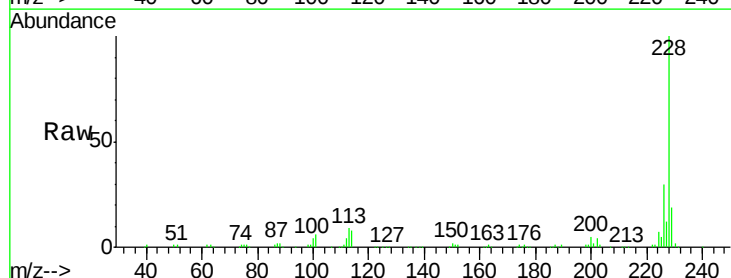
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

Tot Ion:252 Resp: 53034  
 Ion Ratio Lower Upper  
 252 100  
 254 62.0 50.2 75.4  
 126 11.5 11.5 17.3#



#82  
 Chrysene  
 Concen: 38.96 ng  
 RT: 21.31 min Scan# 1769  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Tgt Ion:228 Resp: 250271  
 Ion Ratio Lower Upper  
 228 100  
 226 30.5 23.4 35.0  
 229 18.7 15.4 23.0

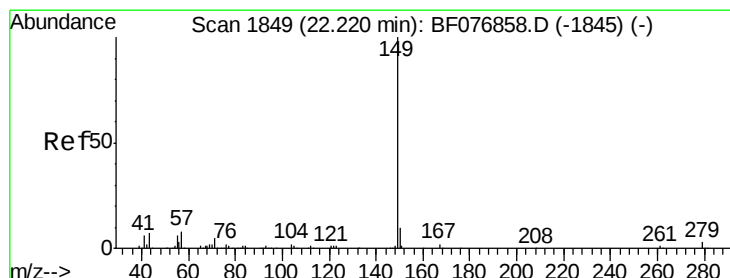
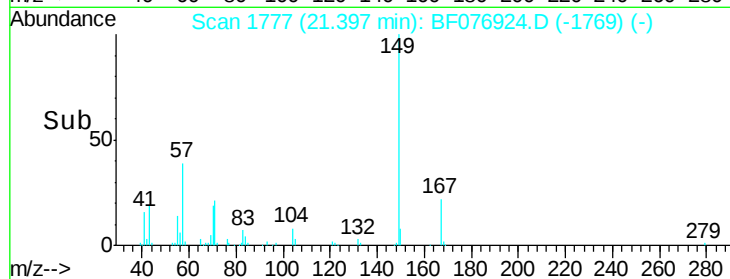
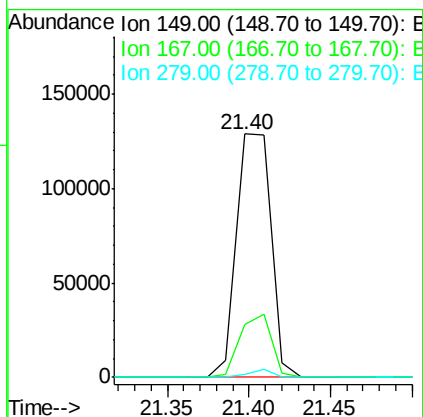
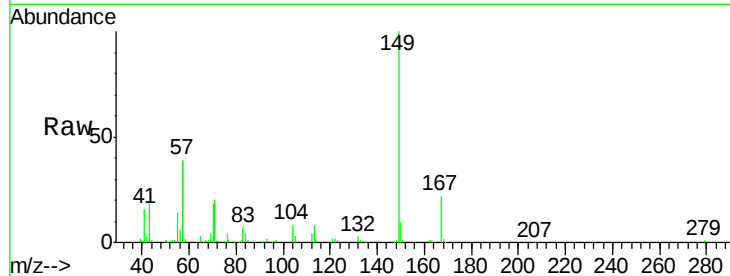




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.02 ng  
 RT: 21.40 min Scan# 1777  
 Delta R.T. -0.01 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

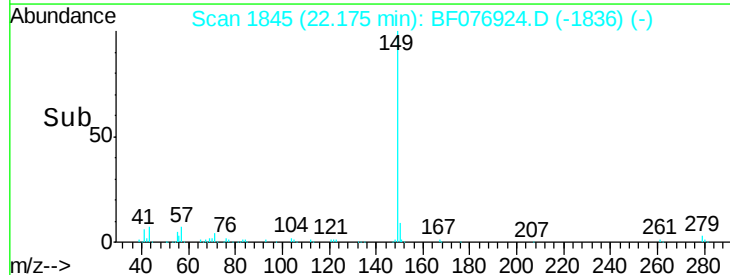
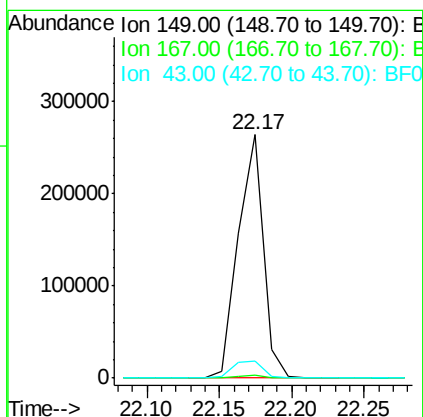
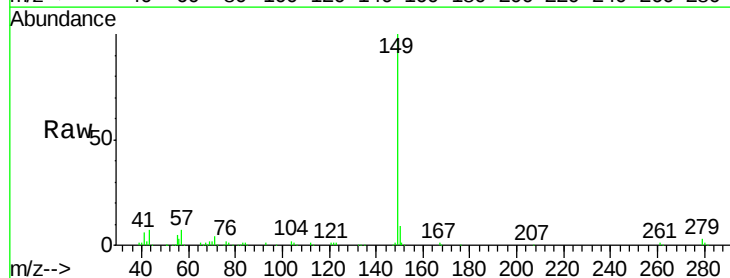
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

Tot Ion:149 Resp: 188164  
 Ion Ratio Lower Upper  
 149 100  
 167 21.8 20.6 30.8  
 279 1.5 2.2 3.2#



#84  
 Di-n-octyl phthalate  
 Concen: 38.03 ng  
 RT: 22.17 min Scan# 1845  
 Delta R.T. -0.00 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Tgt Ion:149 Resp: 318259  
 Ion Ratio Lower Upper  
 149 100  
 167 1.4 1.1 1.7  
 43 8.5 6.6 10.0

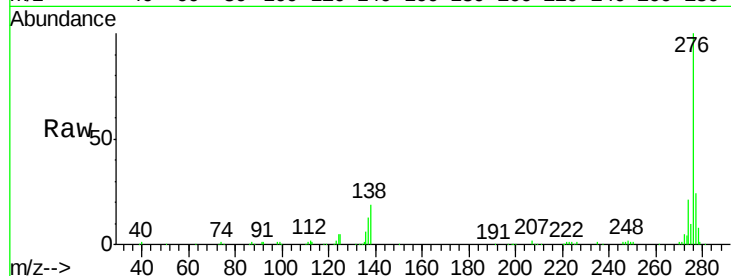




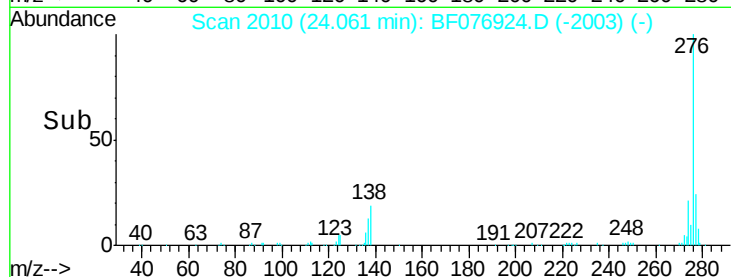
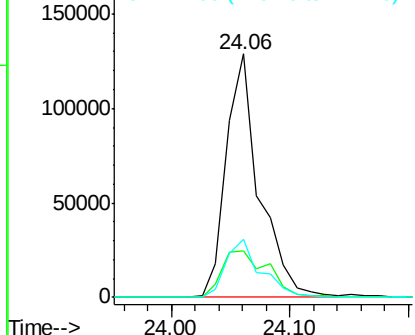
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 36.73 ng  
RT: 24.06 min Scan# 2010  
Delta R.T. -0.02 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Instrument :  
BNA\_F  
ClientSampleId :  
PB81373BS

Tot Ion:276 Resp: 250084  
Ion Ratio Lower Upper  
276 100  
138 27.0 14.6 22.0#  
277 25.1 14.8 22.2#

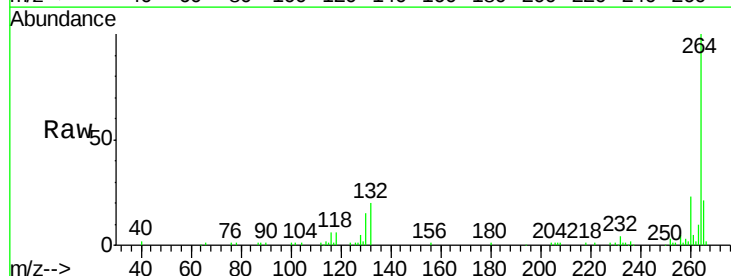


Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

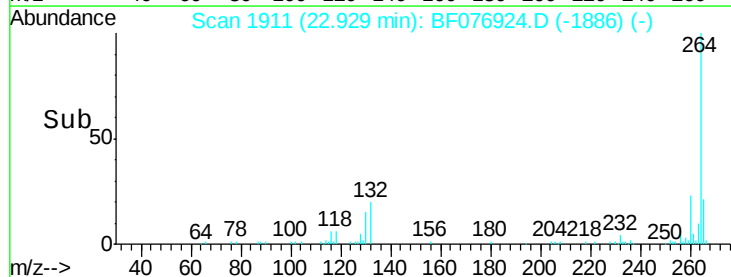
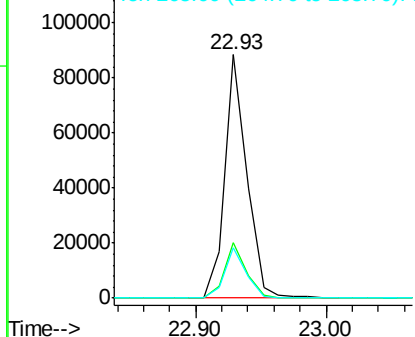


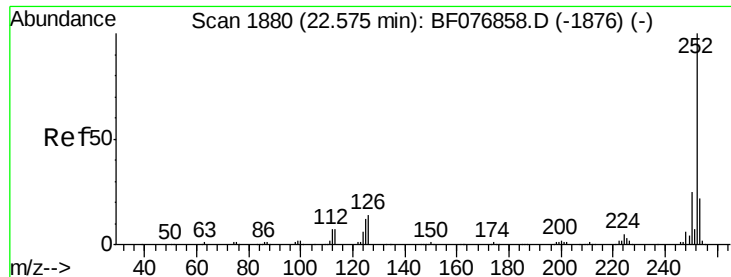
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 22.93 min Scan# 1911  
Delta R.T. -0.01 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Tgt Ion:264 Resp: 104050  
Ion Ratio Lower Upper  
264 100  
260 22.7 19.0 28.4  
265 20.9 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

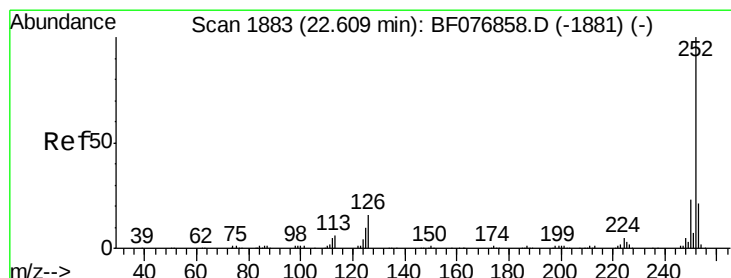
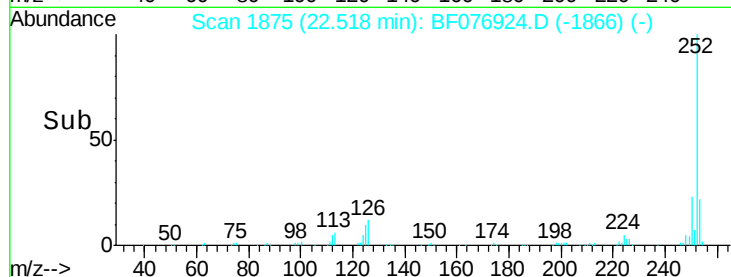
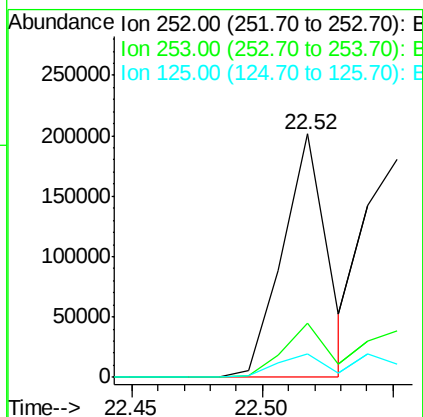
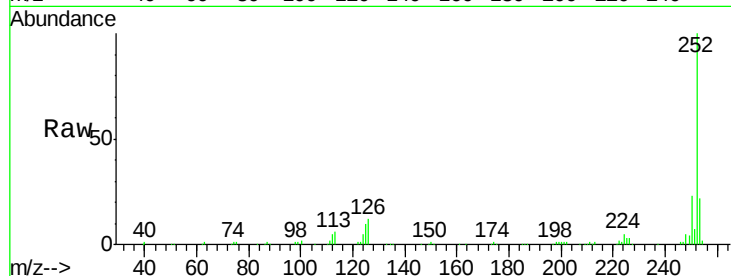




#87  
Benzo(b)fluoranthene  
Concen: 33.95 ng  
RT: 22.52 min Scan# 1875  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

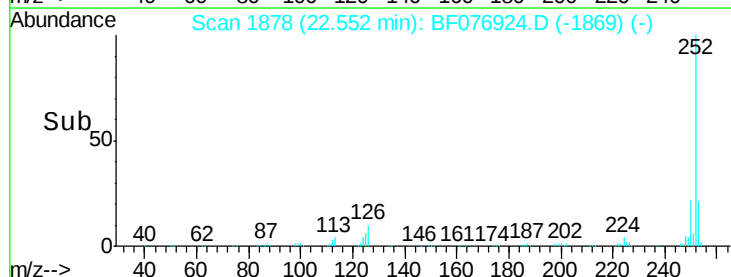
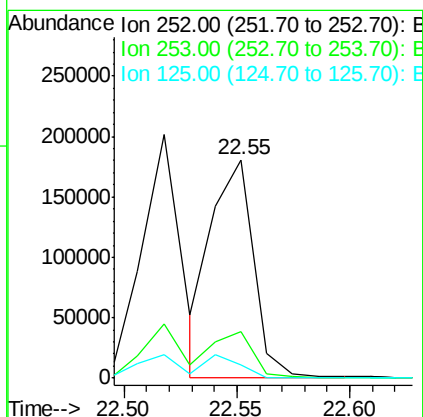
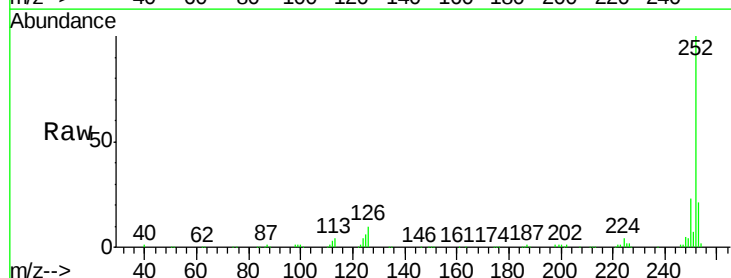
Instrument :  
BNA\_F  
ClientSampleId :  
PB81373BS

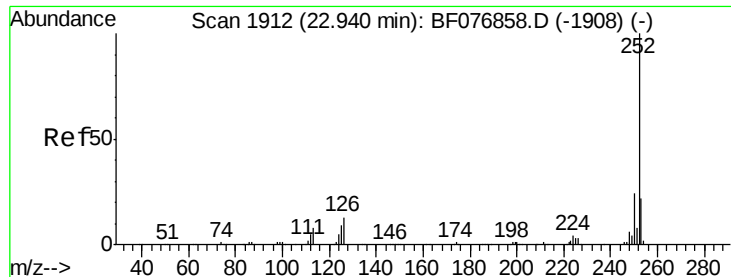
Tot Ion:252 Resp: 237894  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 9.6 9.4 14.0



#88  
Benzo(k)fluoranthene  
Concen: 39.19 ng m  
RT: 22.55 min Scan# 1878  
Delta R.T. -0.00 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Tgt Ion:252 Resp: 239969  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.2 25.8  
125 6.2 7.1 10.7#

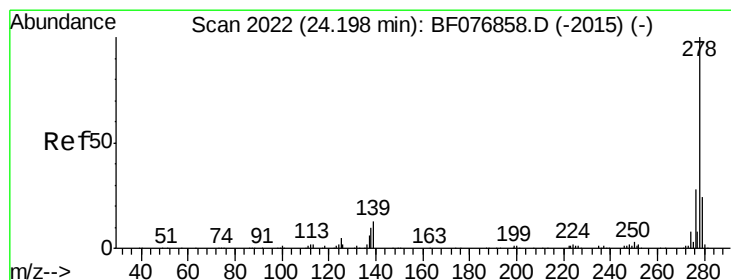
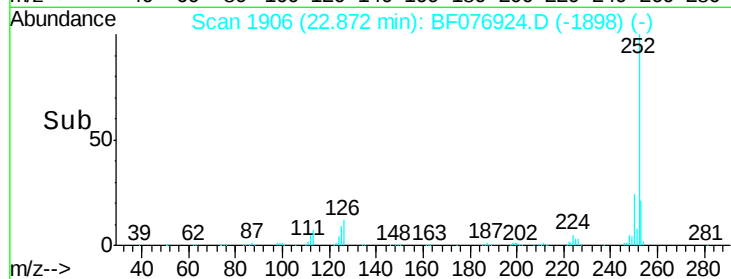
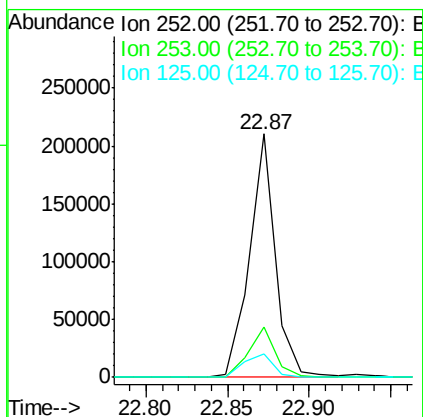
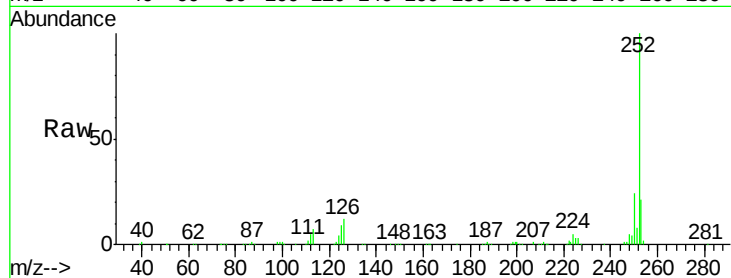




#89  
Benzo(a)pyrene  
Concen: 37.59 ng  
RT: 22.87 min Scan# 1906  
Delta R.T. -0.01 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

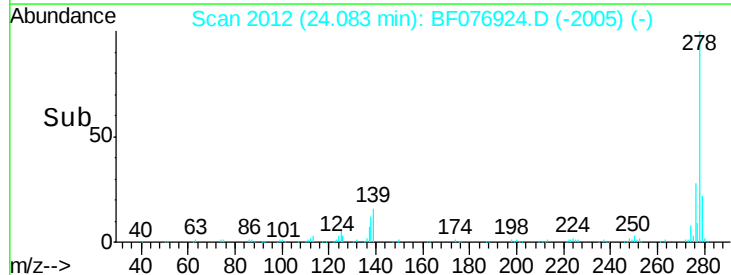
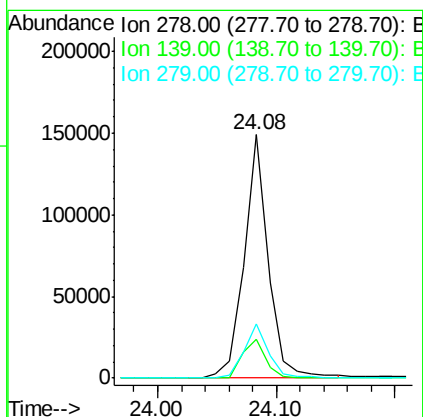
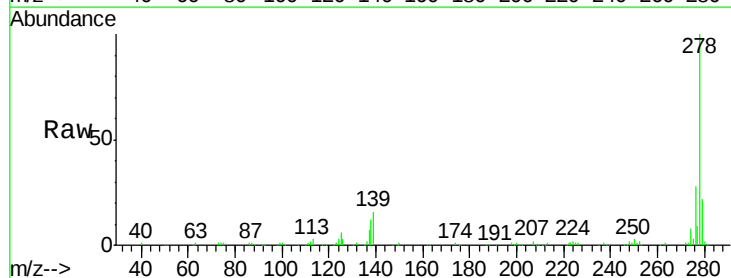
Instrument :  
BNA\_F  
ClientSampled :  
PB81373BS

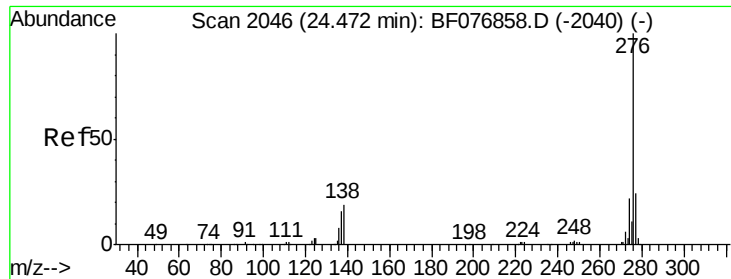
Tot Ion:252 Resp: 232367  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.9 26.9  
125 9.5 7.2 10.8



#90  
Dibenzo(a,h)anthracene  
Concen: 37.52 ng  
RT: 24.08 min Scan# 2012  
Delta R.T. -0.02 min  
Lab File: BF076924.D  
Acq: 19 Jan 2015 11:55

Tgt Ion:278 Resp: 212809  
Ion Ratio Lower Upper  
278 100  
139 15.8 10.5 15.7#  
279 22.2 19.3 28.9

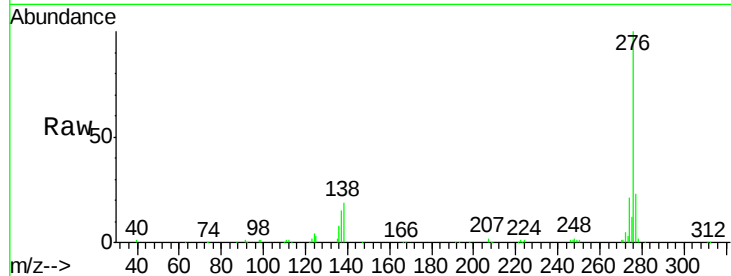




#91  
 Benzo(a,h,i)perylene  
 Concen: 37.83 ng  
 RT: 24.36 min Scan# 2036  
 Delta R.T. -0.02 min  
 Lab File: BF076924.D  
 Acq: 19 Jan 2015 11:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB81373BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.3  | 19.5  | 29.3  |
| 138     | 18.8  | 15.0  | 22.6  |



Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 277.00 (276.70 to 277.70): E  
 Ion 138.00 (137.70 to 138.70): E

