

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\  
 Data File : BF077966.D  
 Acq On : 25 Mar 2015 22:16  
 Operator : TP/IZ  
 Sample : PB82320BSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82320BSD

Quant Time: Mar 26 04:14:37 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 26 00:45:24 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.09  | 152  | 46825    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.67  | 136  | 191008   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.84 | 164  | 97985    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.67 | 188  | 194378   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 15.96 | 240  | 211475   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 17.70 | 264  | 209697   | 20.00 | ng    | -0.05    |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.38  | 112 | 266236 | 99.25 | ng | 0.00 |
| 7) Phenol-d6             | 6.67  | 99  | 321563 | 97.02 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.79  | 82  | 193233 | 66.31 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.83 | 330 | 85630  | 91.34 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 10.02 | 172 | 428019 | 64.20 | ng | 0.00 |
| 78) Terphenyl-d14        | 14.67 | 244 | 514580 | 59.44 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.97 | 88  | 31410  | 25.79 | ng | # 100  |
| 3) Pyridine                    | 2.64 | 79  | 89870  | 27.46 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.57 | 42  | 41647  | 29.23 | ng | 95     |
| 6) Aniline                     | 6.68 | 93  | 78857  | 16.63 | ng | # 53   |
| 8) 2-Chlorophenol              | 6.83 | 128 | 106348 | 33.31 | ng | 89     |
| 9) Benzaldehyde                | 6.54 | 77  | 4784   | 3.52  | ng | 97     |
| 10) Phenol                     | 6.69 | 94  | 128856 | 32.89 | ng | # 72   |
| 11) bis(2-Chloroethyl)ether    | 6.78 | 93  | 93776  | 31.96 | ng | 86     |
| 12) 1,3-Dichlorobenzene        | 7.01 | 146 | 111846 | 31.49 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.12 | 146 | 112701 | 30.54 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.30 | 146 | 108056 | 31.94 | ng | 99     |
| 15) Benzyl Alcohol             | 7.29 | 79  | 84818  | 32.78 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.46 | 45  | 125512 | 31.74 | ng | 98     |
| 17) 2-Methylphenol             | 7.44 | 107 | 84870  | 32.65 | ng | 98     |
| 18) Hexachloroethane           | 7.71 | 117 | 37513  | 31.00 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.62 | 70  | 73456  | 32.04 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.63 | 107 | 112091 | 32.86 | ng | 95     |
| 22) Acetophenone               | 7.61 | 105 | 144684 | 34.22 | ng | # 95   |
| 24) Nitrobenzene               | 7.81 | 77  | 107328 | 34.19 | ng | 92     |
| 25) Isophorone                 | 8.11 | 82  | 184955 | 31.43 | ng | # 93   |
| 26) 2-Nitrophenol              | 8.21 | 139 | 50119  | 32.61 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 8.28 | 122 | 97554  | 34.84 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 8.40 | 93  | 119355 | 33.42 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.51 | 162 | 91639  | 34.34 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.60 | 180 | 91625  | 30.68 | ng | 97     |
| 31) Naphthalene                | 8.69 | 128 | 301719 | 30.76 | ng | 100    |
| 32) Benzoic acid               | 8.40 | 122 | 39697  | 26.87 | ng | 97     |
| 33) 4-Chloroaniline            | 8.77 | 127 | 64139  | 16.11 | ng | # 90   |
| 34) Hexachlorobutadiene        | 8.85 | 225 | 53495  | 31.61 | ng | 98     |
| 35) Caprolactam                | 9.21 | 113 | 28396  | 36.41 | ng | 89     |
| 36) 4-Chloro-3-methylphenol    | 9.39 | 107 | 90152  | 33.57 | ng | 83     |
| 37) 2-Methylnaphthalene        | 9.56 | 142 | 212130 | 32.19 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.77 | 216 | 89208  | 30.52 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 9.74 | 237 | 87346  | 60.51 | ng | 97     |

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 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

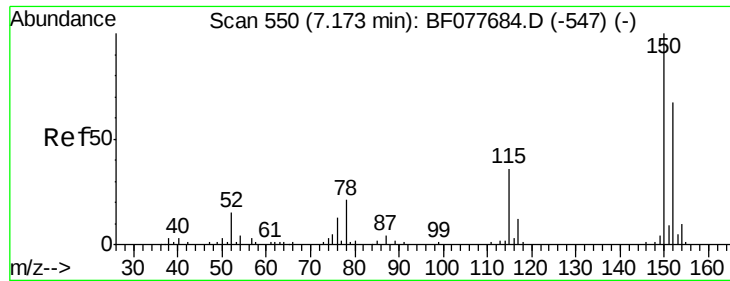
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82320BSD

Quant Time: Mar 26 04:14:37 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 26 00:45:24 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.92  | 196  | 65090    | 32.15 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.96  | 196  | 70039    | 32.02 | nq    | # 92     |
| 45) 1,1'-Biphenyl              | 10.13 | 154  | 244470   | 31.21 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 10.16 | 162  | 200998   | 31.58 | nq    | 94       |
| 47) 2-Nitroaniline             | 10.29 | 65   | 58912    | 37.26 | nq    | 97       |
| 48) Acenaphthylene             | 10.67 | 152  | 320369   | 30.27 | nq    | 99       |
| 49) Dimethylphthalate          | 10.53 | 163  | 246110   | 33.86 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.60 | 165  | 52352    | 34.75 | nq    | 95       |
| 51) Acenaphthene               | 10.88 | 154  | 183733   | 30.27 | nq    | 99       |
| 52) 3-Nitroaniline             | 10.81 | 138  | 38841    | 22.20 | nq    | 97       |
| 53) 2,4-Dinitrophenol          | 10.95 | 184  | 39820    | 72.76 | nq    | # 66     |
| 54) Dibenzofuran               | 11.09 | 168  | 289099   | 32.12 | nq    | 93       |
| 55) 4-Nitrophenol              | 11.04 | 139  | 91919    | 70.93 | nq    | 95       |
| 56) 2,4-Dinitrotoluene         | 11.09 | 165  | 69335    | 35.30 | nq    | 90       |
| 57) Fluorene                   | 11.52 | 166  | 233295   | 31.21 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.25 | 232  | 58303    | 34.62 | nq    | # 100    |
| 59) Diethylphthalate           | 11.40 | 149  | 231930   | 32.75 | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 11.53 | 204  | 110446   | 32.38 | nq    | 91       |
| 61) 4-Nitroaniline             | 11.56 | 138  | 57537    | 33.00 | nq    | 96       |
| 62) Azobenzene                 | 11.72 | 77   | 218251   | 32.25 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 11.60 | 198  | 30365    | 34.42 | nq    | 93       |
| 65) n-Nitrosodiphenylamine     | 11.68 | 169  | 203212   | 31.40 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 12.13 | 248  | 64854    | 31.26 | nq    | # 88     |
| 67) Hexachlorobenzene          | 12.19 | 284  | 72584    | 31.84 | nq    | 94       |
| 68) Atrazine                   | 12.36 | 200  | 64633    | 35.63 | nq    | 98       |
| 69) Pentachlorophenol          | 12.44 | 266  | 72686    | 61.62 | nq    | 97       |
| 70) Phenanthrene               | 12.71 | 178  | 365528   | 32.76 | nq    | 99       |
| 71) Anthracene                 | 12.77 | 178  | 364536   | 33.07 | nq    | 99       |
| 72) Carbazole                  | 12.98 | 167  | 359097   | 34.24 | nq    | 99       |
| 73) Di-n-butylphthalate        | 13.44 | 149  | 400719   | 34.08 | nq    | 99       |
| 74) Fluoranthene               | 14.18 | 202  | 402342   | 32.69 | nq    | 99       |
| 76) Benzidine                  | 14.36 | 184  | 162054   | 30.87 | nq    | 100      |
| 77) Pyrene                     | 14.45 | 202  | 417371   | 31.39 | nq    | 100      |
| 79) Butylbenzylphthalate       | 15.29 | 149  | 178961   | 34.13 | nq    | # 85     |
| 80) Benzo(a)anthracene         | 15.95 | 228  | 409022   | 32.63 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 15.93 | 252  | 87656    | 21.20 | nq    | 99       |
| 82) Chrysene                   | 15.99 | 228  | 386432   | 34.28 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 16.02 | 149  | 270578   | 34.07 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 16.82 | 149  | 461744   | 34.00 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.07 | 276  | 439494   | 31.24 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 17.25 | 252  | 385261   | 28.14 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 17.29 | 252  | 396831m  | 37.11 | nq    |          |
| 89) Benzo(a)pyrene             | 17.64 | 252  | 387597   | 33.93 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 19.09 | 278  | 366976   | 32.39 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 19.46 | 276  | 368484   | 31.95 | nq    | 97       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampled :

PB82320BSD

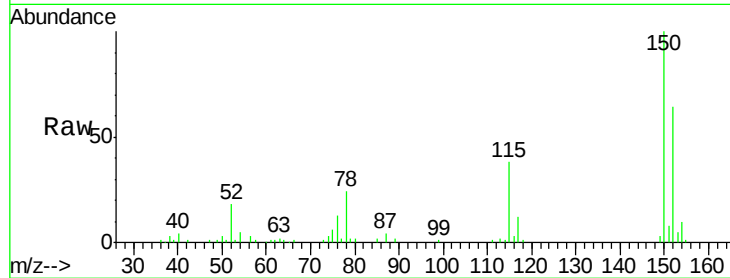
Tot Ion:152 Resp: 46825

Ion Ratio Lower Upper

152 100

150 157.4 119.5 179.3

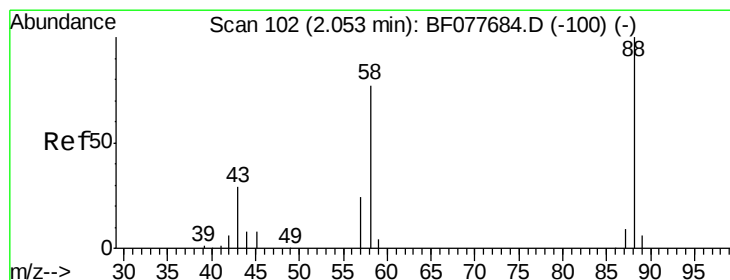
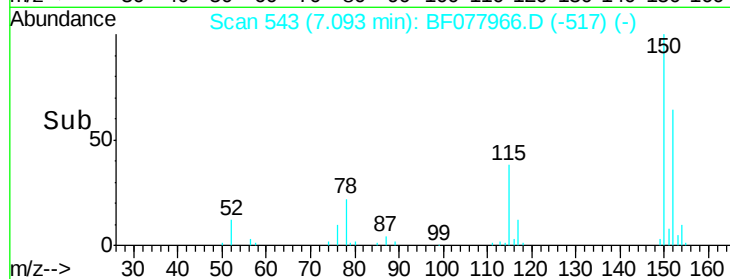
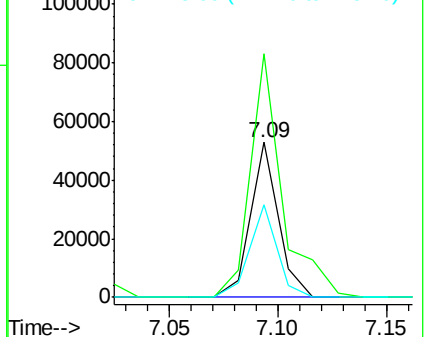
115 59.5 43.0 64.4



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: 25.79 ng

RT: 1.97 min Scan# 95

Delta R.T. 0.03 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

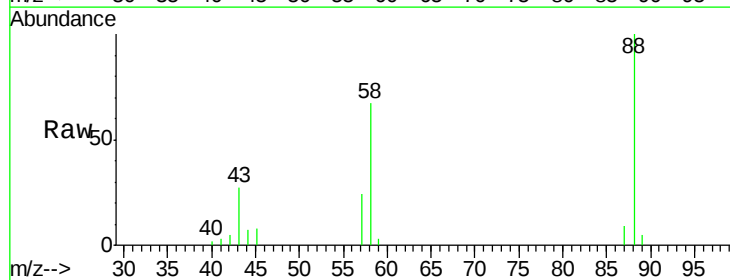
Tgt Ion: 88 Resp: 31410

Ion Ratio Lower Upper

88 100

58 75.1 0.0 0.0#

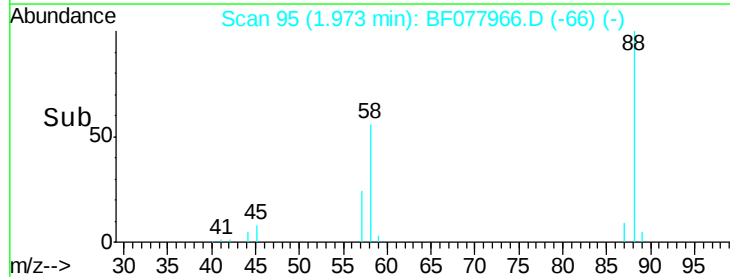
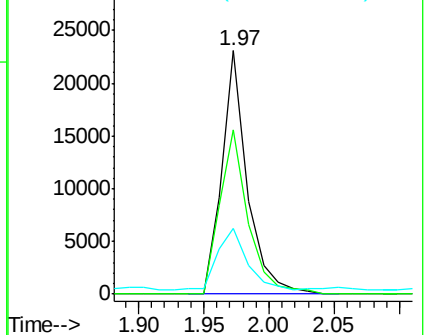
43 29.1 0.0 0.0#



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: 27.46 ng

RT: 2.64 min Scan# 153

Delta R.T. 0.03 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

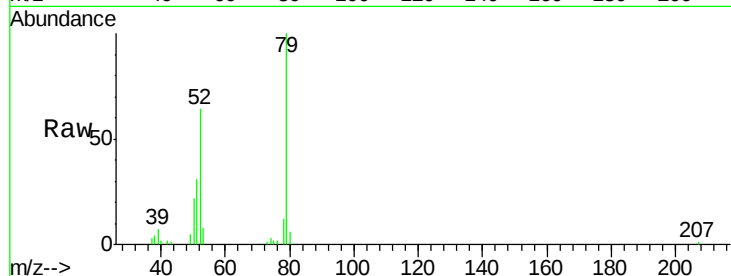
Tot Ion: 79 Resp: 89870

Ion Ratio Lower Upper

79 100

52 64.1 51.1 76.7

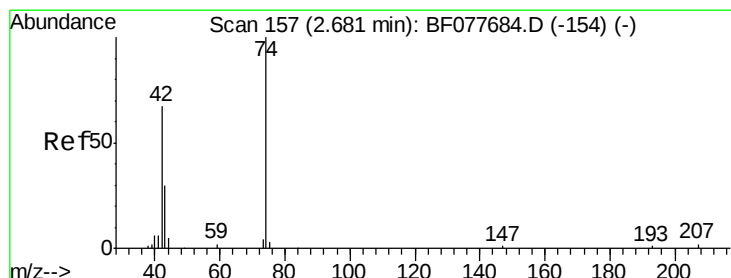
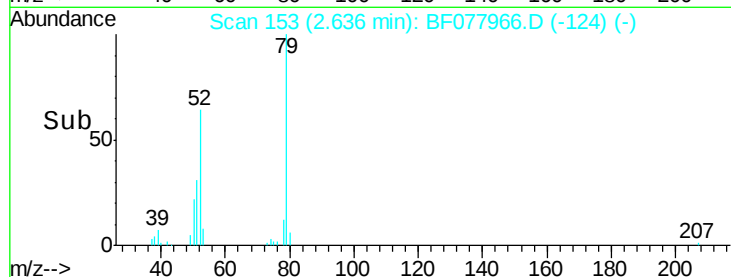
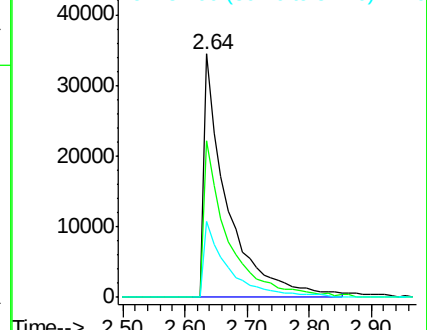
51 31.2 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 29.23 ng

RT: 2.57 min Scan# 147

Delta R.T. 0.02 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

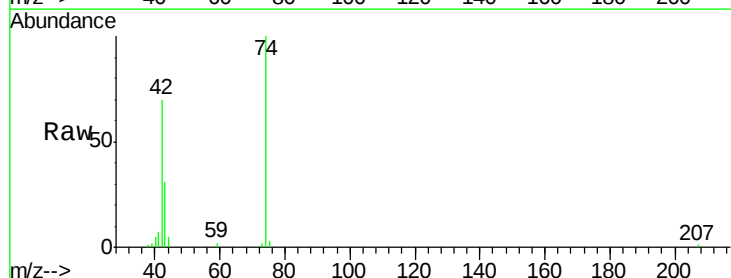
Tgt Ion: 42 Resp: 41647

Ion Ratio Lower Upper

42 100

74 142.9 119.3 178.9

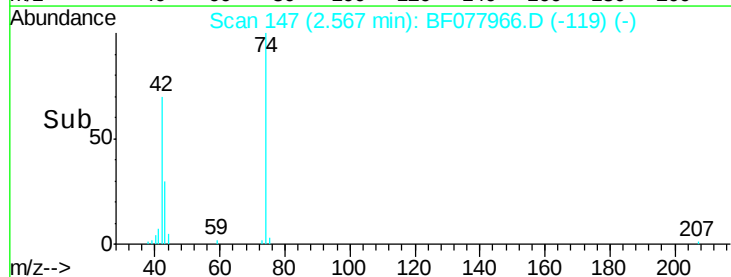
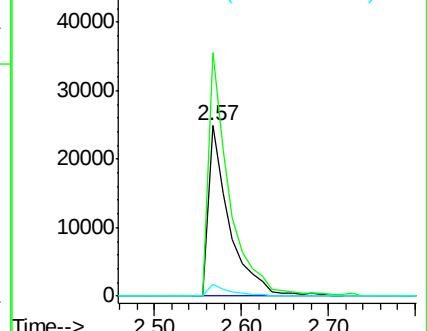
44 7.1 5.4 8.2

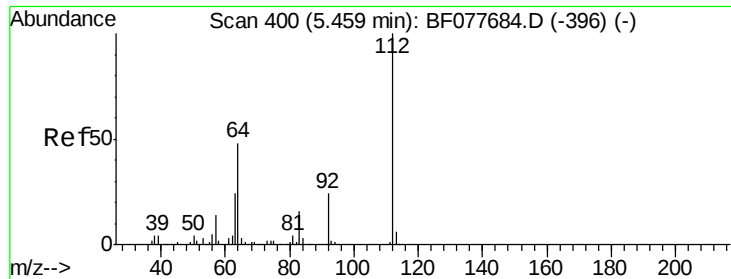


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 99.25 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

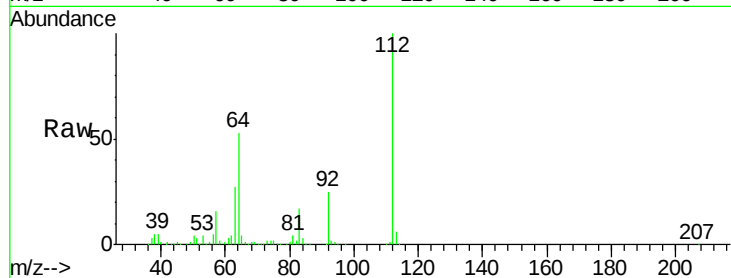
Tot Ion:112 Resp: 266236

Ion Ratio Lower Upper

112 100

64 53.2 38.6 57.8

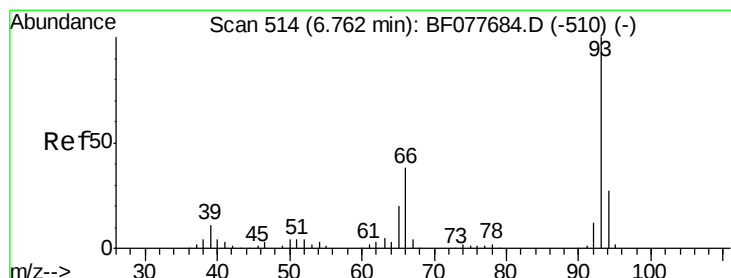
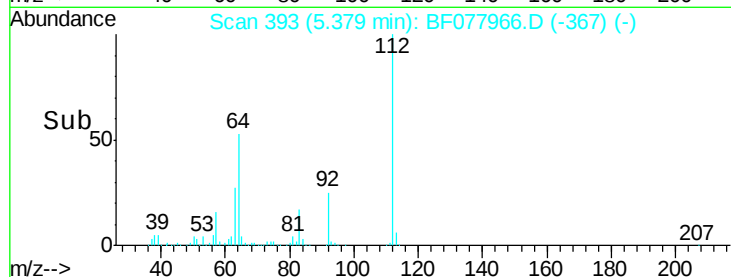
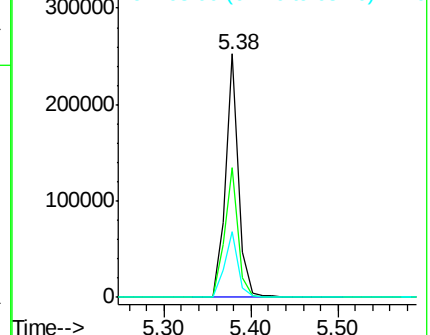
63 27.1 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.63 ng

RT: 6.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

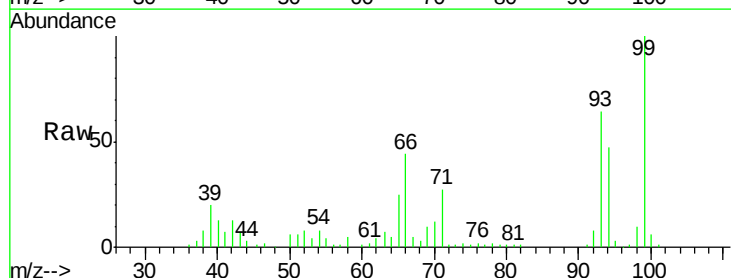
Tgt Ion: 93 Resp: 78857

Ion Ratio Lower Upper

93 100

66 68.5 30.8 46.2#

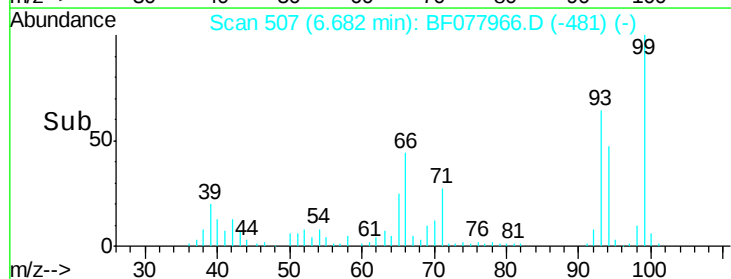
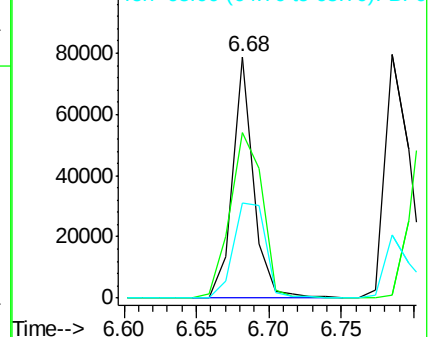
65 39.4 16.0 24.0#

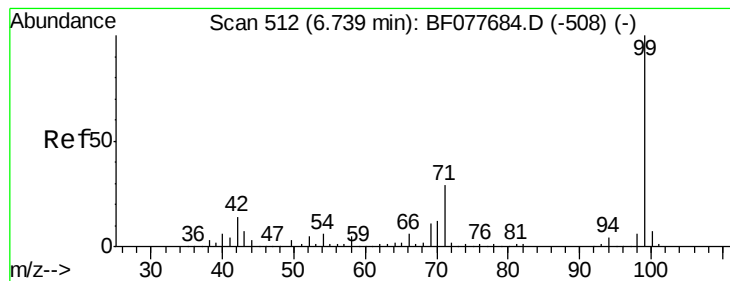


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 97.02 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

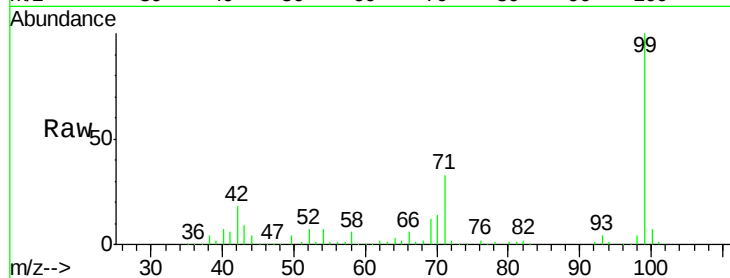
BNA\_F

ClientSampleId :

PB82320BSD

Tot Ion: 99 Resp: 321563

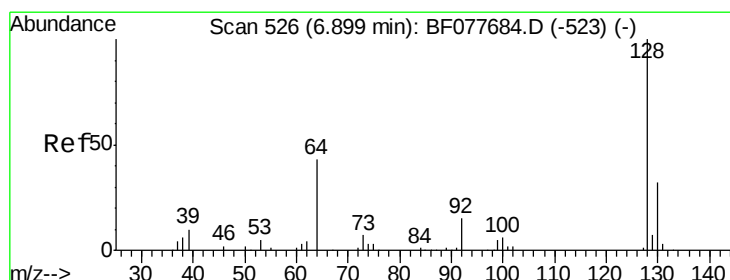
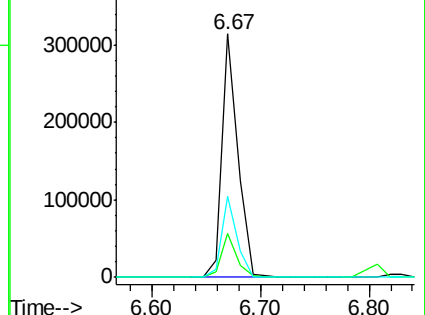
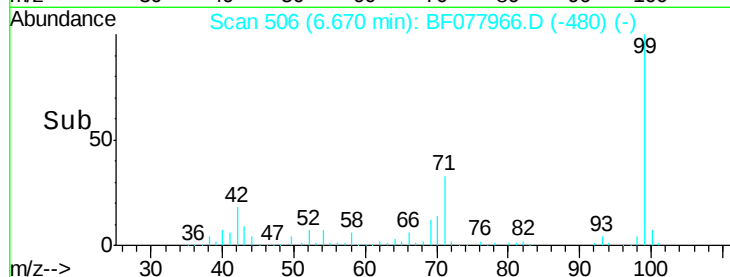
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.2  | 11.0  | 16.4# |
| 71  | 33.3  | 23.4  | 35.2  |



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: 33.31 ng

RT: 6.83 min Scan# 520

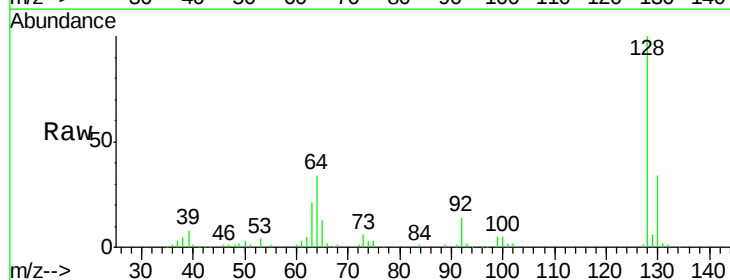
Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Tgt Ion: 128 Resp: 106348

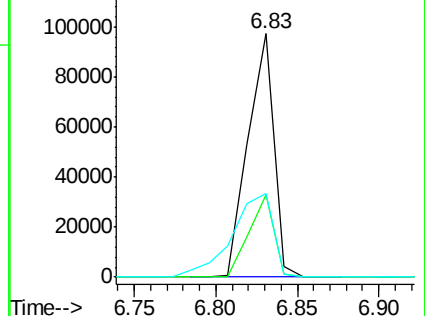
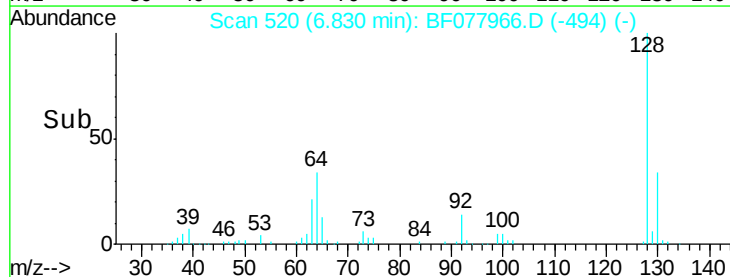
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.7  | 12.0  | 52.0  |
| 64  | 34.5  | 24.9  | 64.9  |

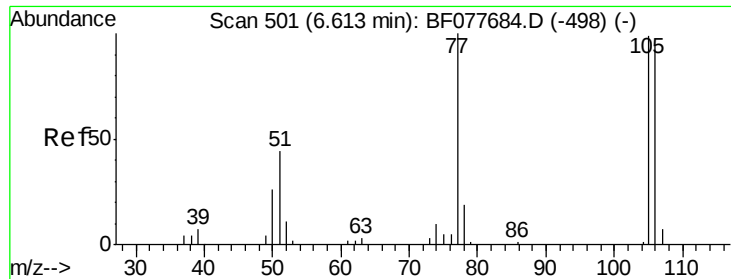


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

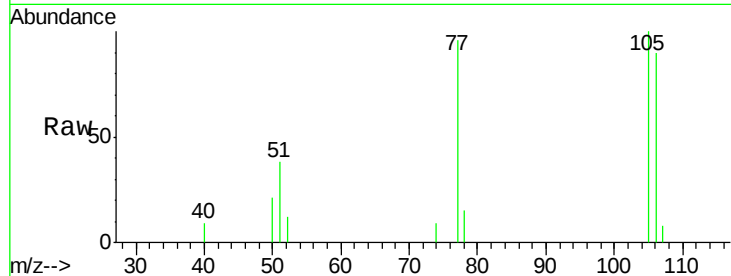




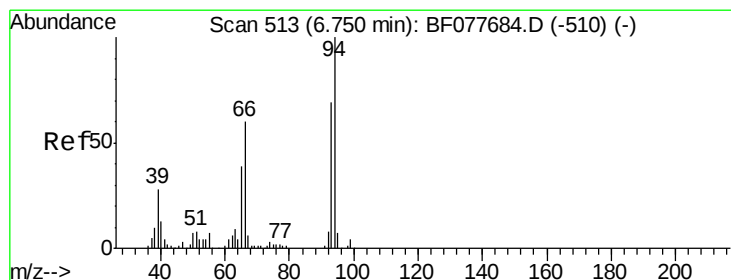
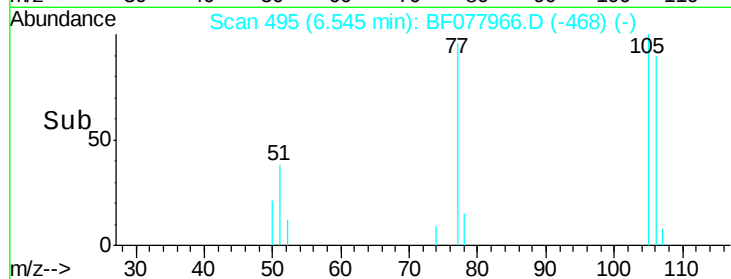
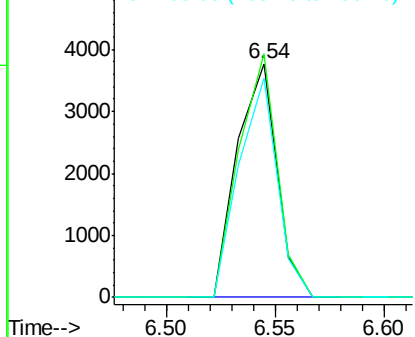
#9  
Benzaldehyde  
Concen: 3.52 ng  
RT: 6.54 min Scan# 495  
Delta R.T. 0.01 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Instrument :  
BNA\_F  
ClientSampleID :  
PB82320BSD

Tot Ion: 77 Resp: 4784  
Ion Ratio Lower Upper  
77 100  
105 104.2 78.8 118.8  
106 93.6 73.7 113.7

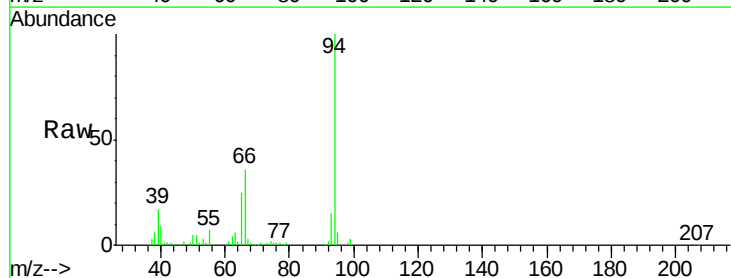


Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 105.00 (104.70 to 105.70): BF0  
Ion 106.00 (105.70 to 106.70): BF0

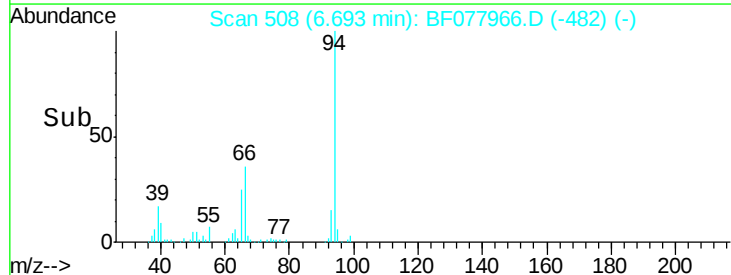
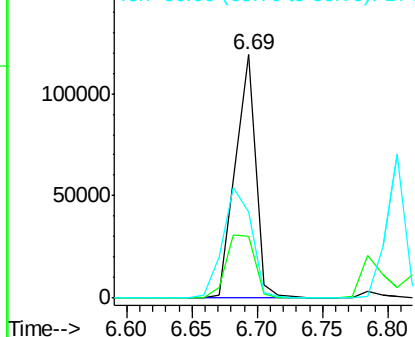


#10  
Phenol  
Concen: 32.89 ng  
RT: 6.69 min Scan# 508  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Tgt Ion: 94 Resp: 128856  
Ion Ratio Lower Upper  
94 100  
65 25.4 18.8 58.8  
66 35.5 39.9 79.9#



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: 31.96 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

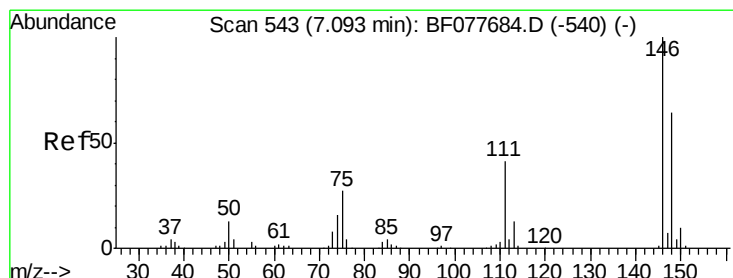
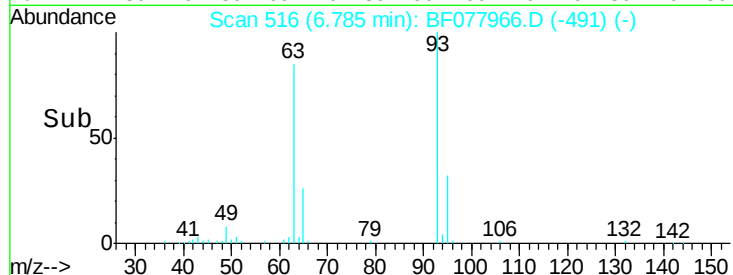
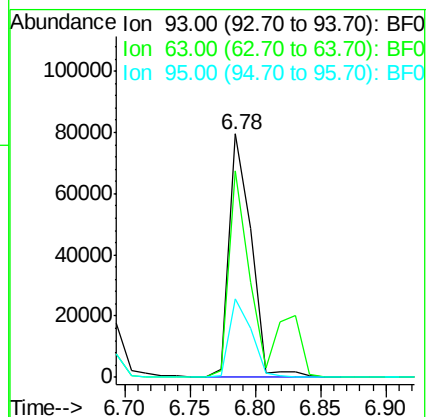
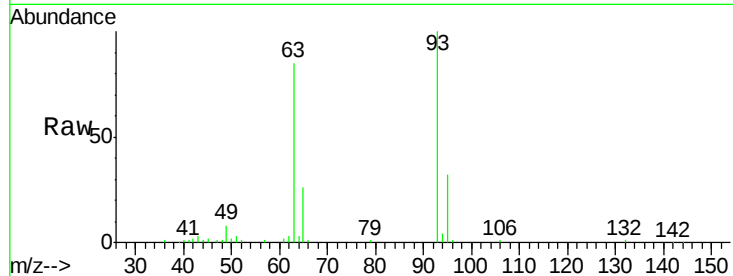
Tot Ion: 93 Resp: 93776

Ion Ratio Lower Upper

93 100

63 84.9 49.5 89.5

95 32.1 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 31.49 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

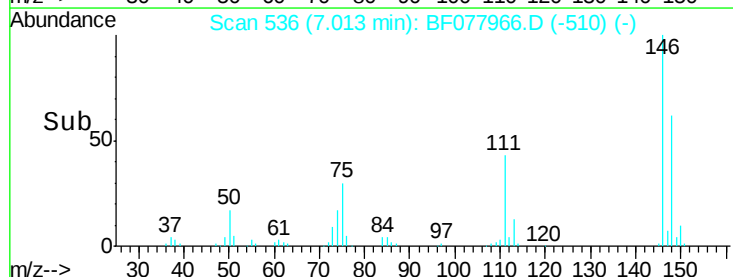
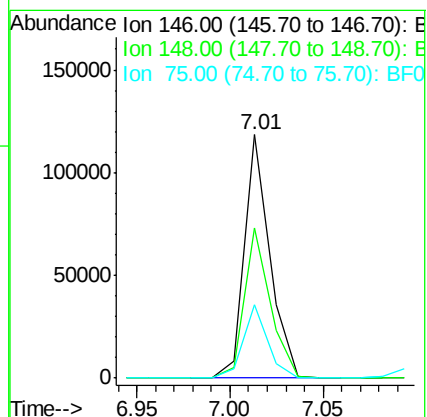
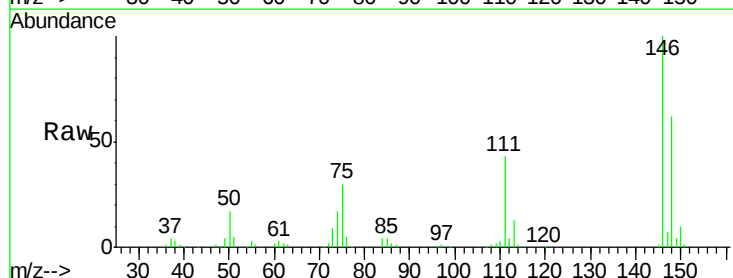
Tgt Ion: 146 Resp: 111846

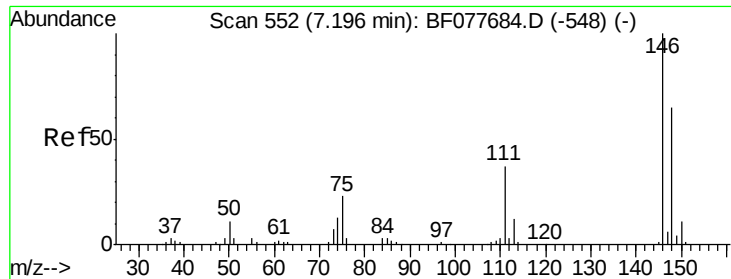
Ion Ratio Lower Upper

146 100

148 61.9 50.9 76.3

75 30.2 21.4 32.2

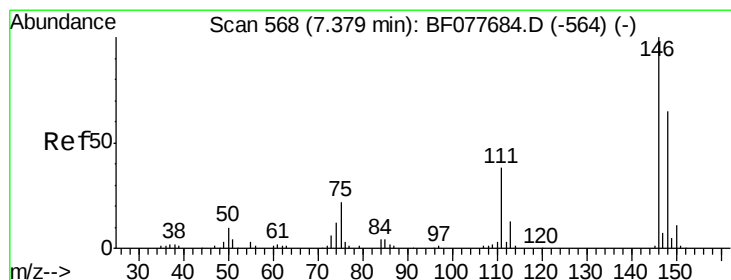
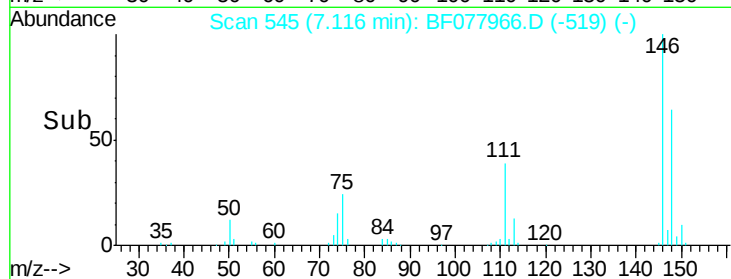
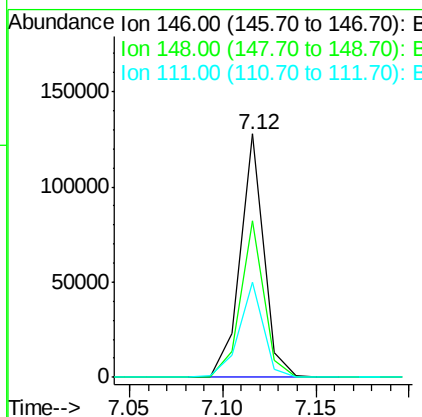
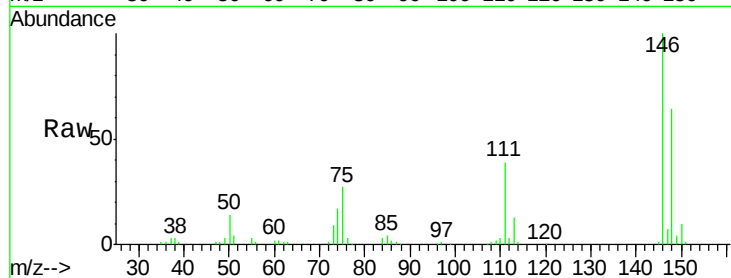




#13  
 1,4-Dichlorobenzene  
 Concen: 30.54 ng  
 RT: 7.12 min Scan# 545  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

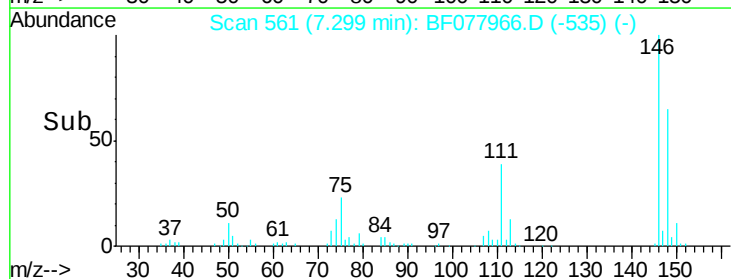
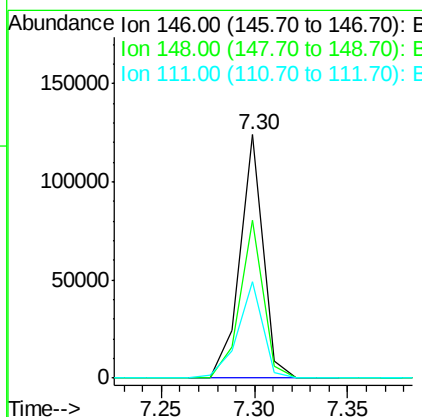
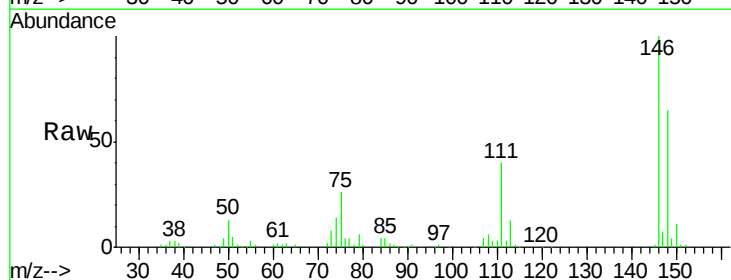
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82320BSD

Tot Ion:146 Resp: 112701  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 51.9 77.9  
 111 39.0 29.2 43.8



#14  
 1,2-Dichlorobenzene  
 Concen: 31.94 ng  
 RT: 7.30 min Scan# 561  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

Tgt Ion:146 Resp: 108056  
 Ion Ratio Lower Upper  
 146 100  
 148 65.0 52.3 78.5  
 111 39.7 30.6 45.8

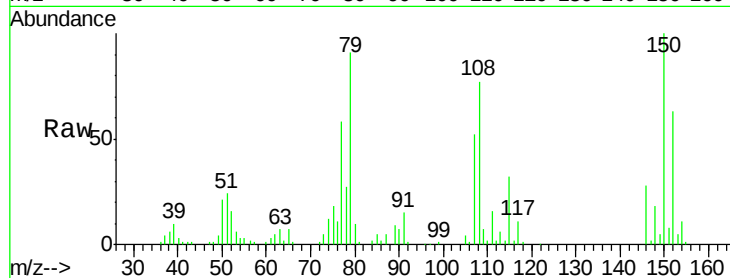




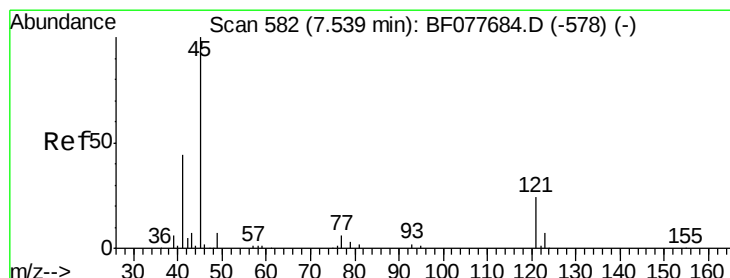
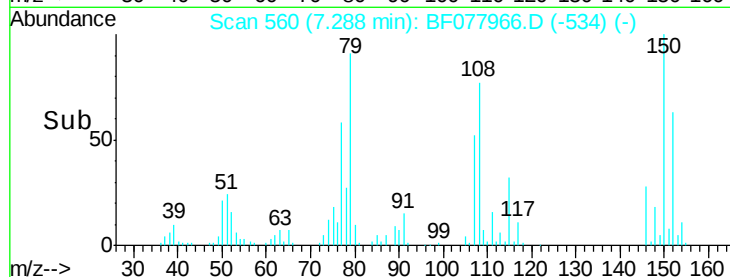
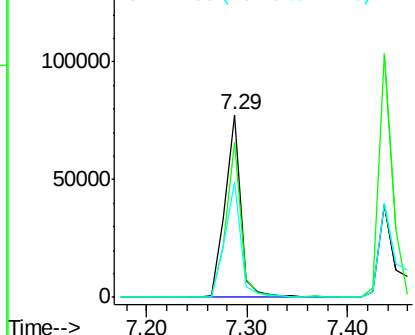
#15  
Benzyl Alcohol  
Concen: 32.78 ng  
RT: 7.29 min Scan# 560  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Instrument :  
BNA\_F  
ClientSampleId :  
PB82320BSD

Tot Ion: 79 Resp: 84818  
Ion Ratio Lower Upper  
79 100  
108 85.2 65.0 97.4  
77 63.3 53.0 79.6

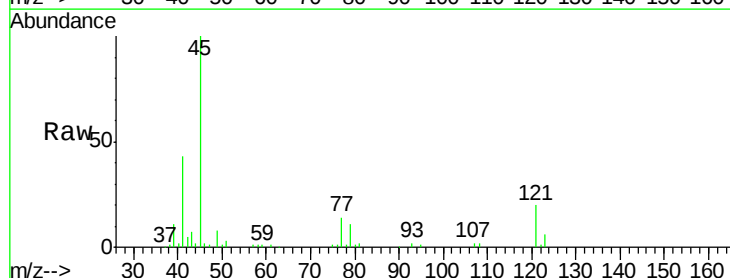


Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0

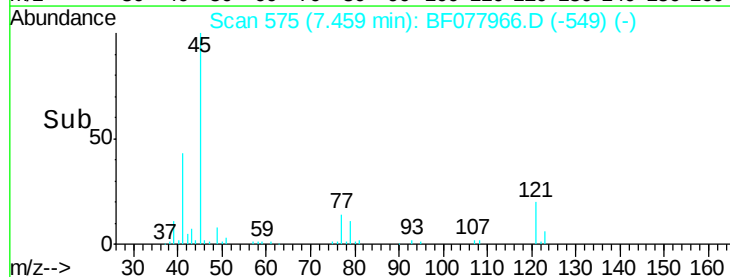
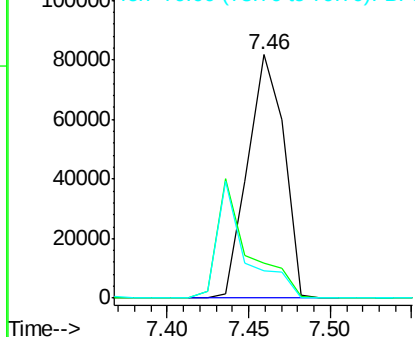


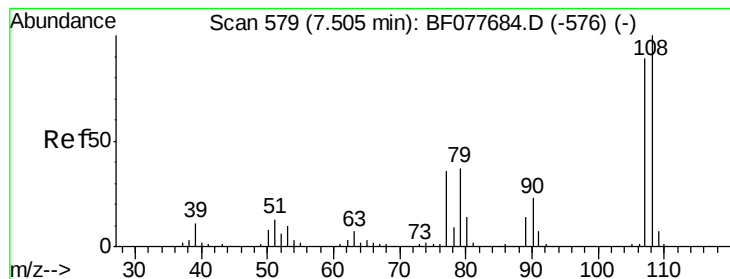
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 31.74 ng  
RT: 7.46 min Scan# 575  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Tgt Ion: 45 Resp: 125512  
Ion Ratio Lower Upper  
45 100  
77 14.2 0.0 35.2  
79 11.1 0.0 32.0



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

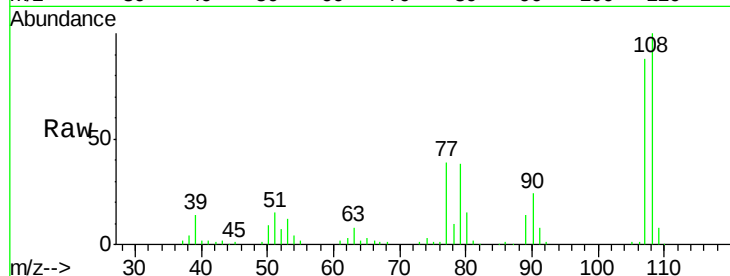




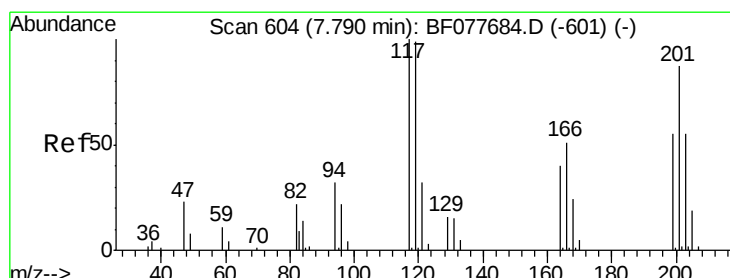
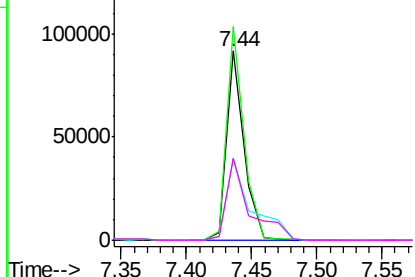
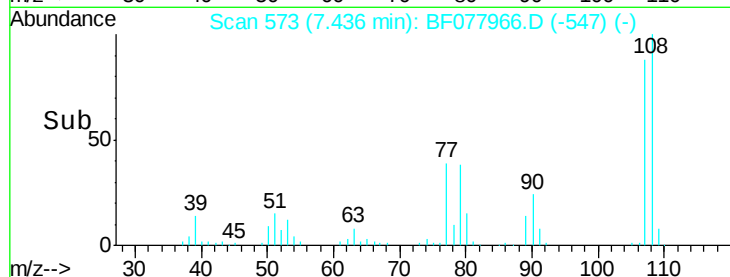
#17  
2-Methylphenol  
Concen: 32.65 ng  
RT: 7.44 min Scan# 573  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Instrument :  
BNA\_F  
ClientSampleId :  
PB82320BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 84870 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 113.1 | 89.8  | 134.8 |
| 77       | 43.7  | 32.6  | 48.8  |
| 79       | 43.2  | 32.8  | 49.2  |

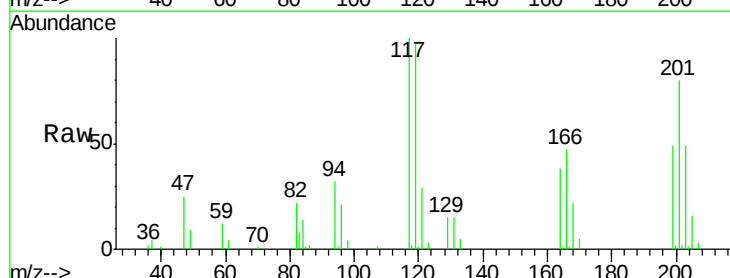


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

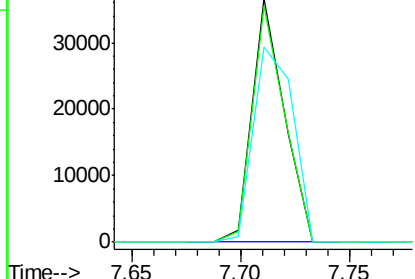
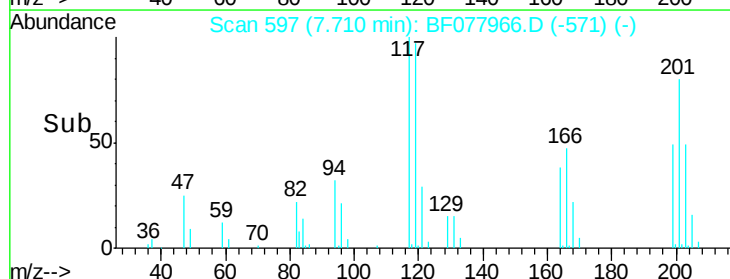


#18  
Hexachloroethane  
Concen: 31.00 ng  
RT: 7.71 min Scan# 597  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 37513 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.1  | 79.2  | 118.8 |
| 201      | 79.9  | 69.8  | 104.6 |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

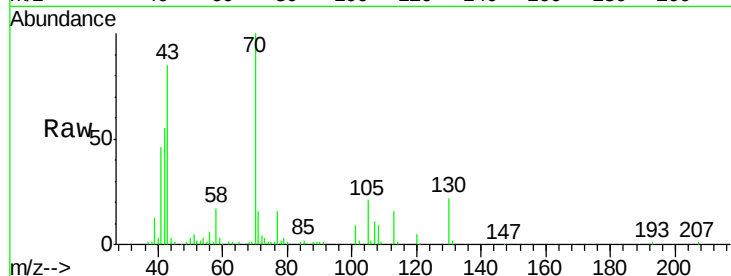




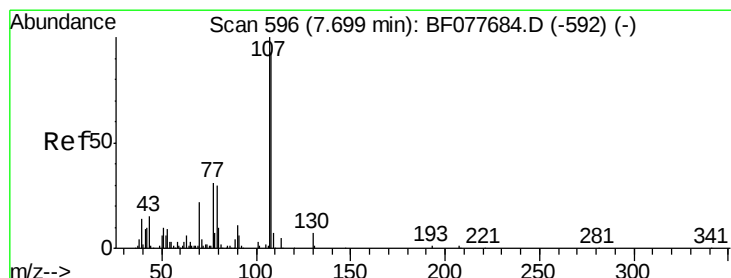
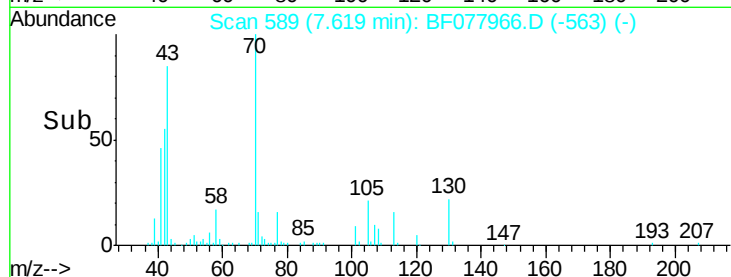
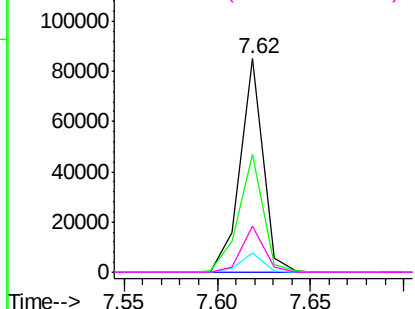
#19  
n-Nitroso-di-n-propylamine  
Concen: 32.04 ng  
RT: 7.62 min Scan# 589  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Instrument :  
BNA\_F  
ClientSampleId :  
PB82320BSD

Tot Ion: 70 Resp: 73456  
Ion Ratio Lower Upper  
70 100  
42 54.9 44.5 66.7  
101 9.1 7.4 11.2  
130 21.8 15.3 22.9

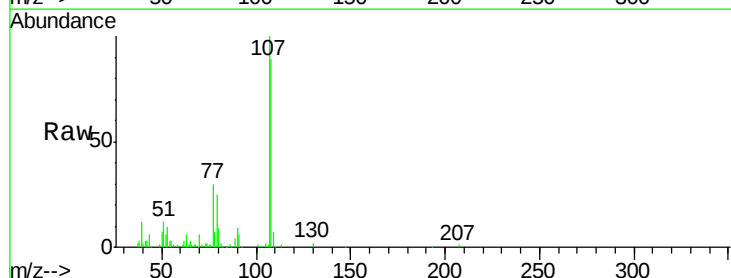


Abundance Ion 70.00 (69.70 to 70.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

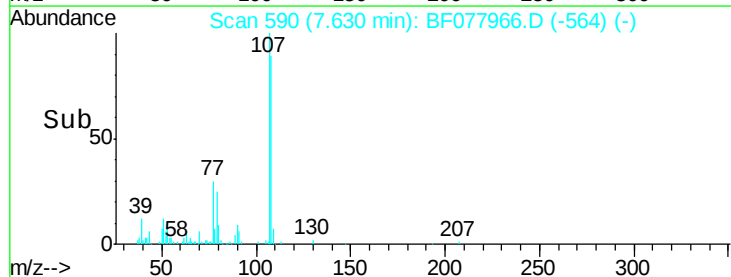
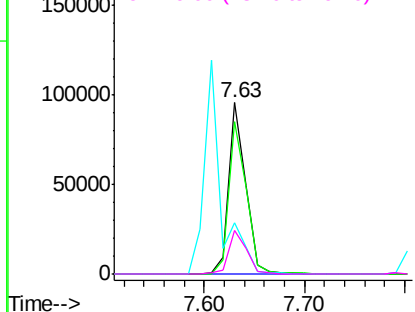


#20  
3+4-Methylphenols  
Concen: 32.86 ng  
RT: 7.63 min Scan# 590  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Tgt Ion:107 Resp: 112091  
Ion Ratio Lower Upper  
107 100  
108 88.7 73.2 113.2  
77 30.0 10.7 50.7  
79 25.3 9.6 49.6



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

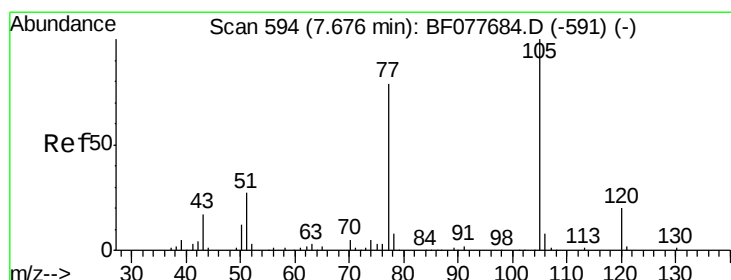
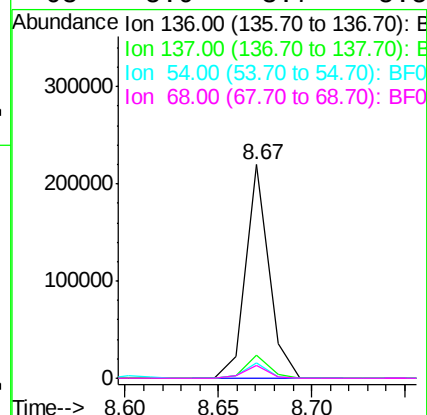
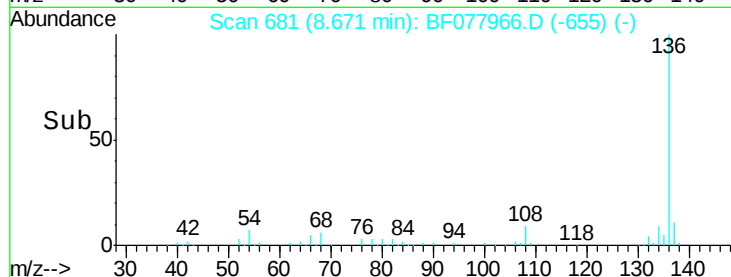
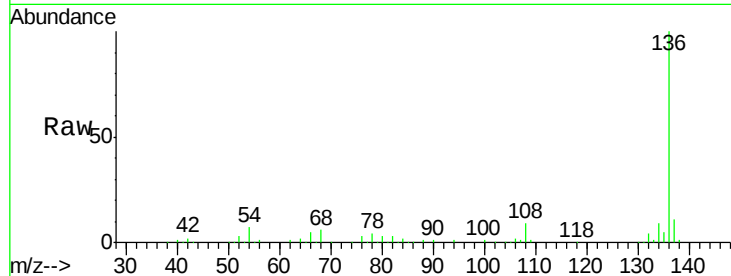




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.67 min Scan# 681  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

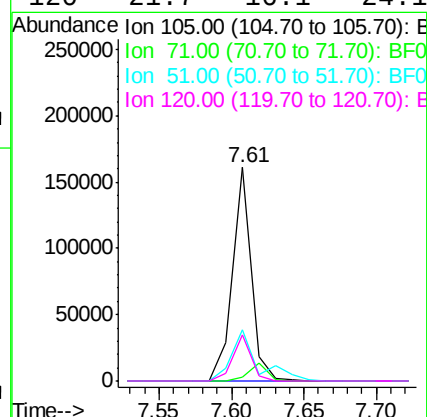
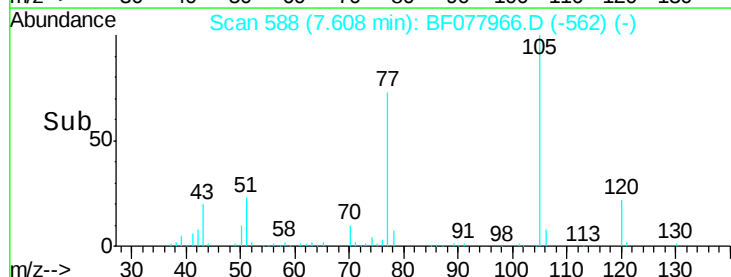
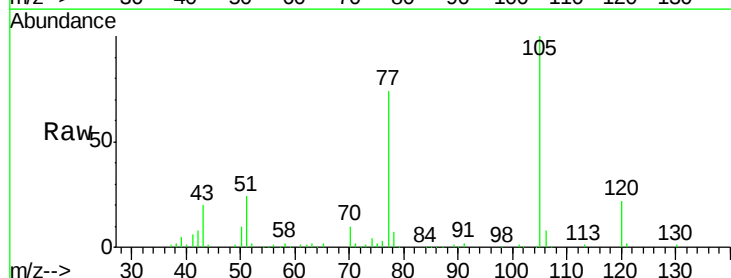
Instrument :  
BNA\_F  
ClientSampleId :  
PB82320BSD

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 191008   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.8  | 8.7 13.1 |
| 54          | 7.2   | 4.6 6.8# |
| 68          | 5.9   | 3.7 5.5# |



#22  
Acetophenone  
Concen: 34.22 ng  
RT: 7.61 min Scan# 588  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 144684    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 1.7   | 0.6 1.0#  |
| 51          | 23.7  | 21.6 32.4 |
| 120         | 21.7  | 16.1 24.1 |

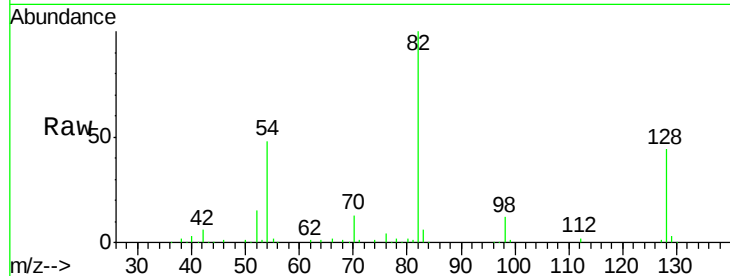




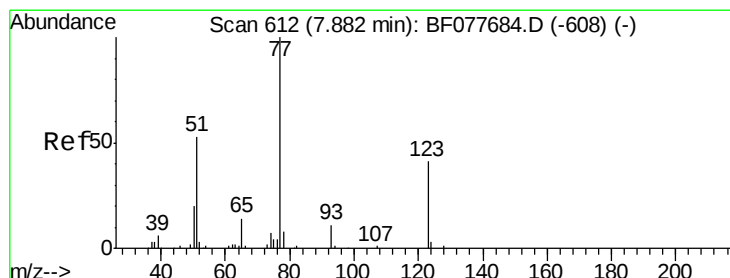
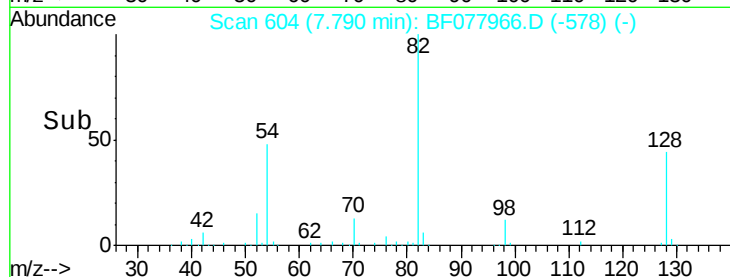
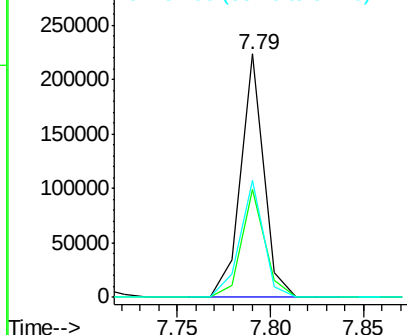
#23  
Nitrobenzene-d5  
Concen: 66.31 ng  
RT: 7.79 min Scan# 604  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Instrument :  
BNA\_F  
ClientSampleId :  
PB82320BSD

Tot Ion: 82 Resp: 193233  
Ion Ratio Lower Upper  
82 100  
128 44.4 32.8 49.2  
54 48.1 40.6 60.8

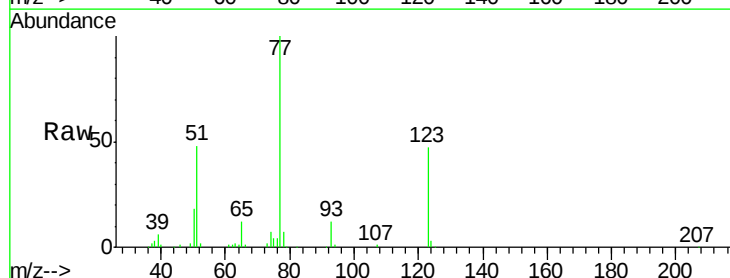


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

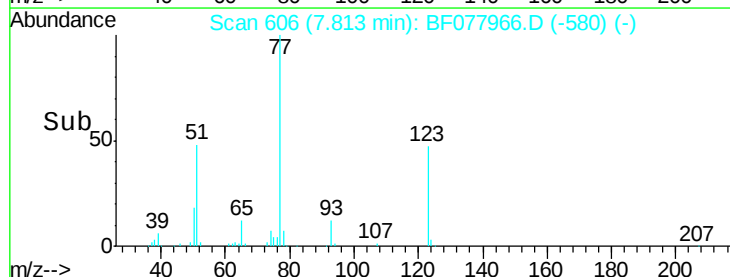
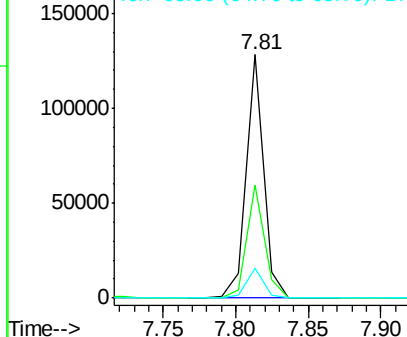


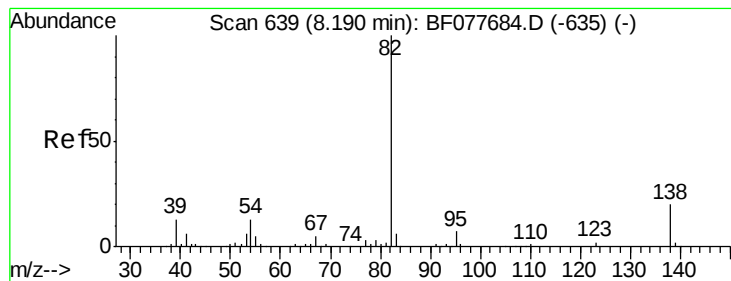
#24  
Nitrobenzene  
Concen: 34.19 ng  
RT: 7.81 min Scan# 606  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Tgt Ion: 77 Resp: 107328  
Ion Ratio Lower Upper  
77 100  
123 46.6 32.6 49.0  
65 12.3 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 123.00 (122.70 to 123.70): B  
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 31.43 ng

RT: 8.11 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

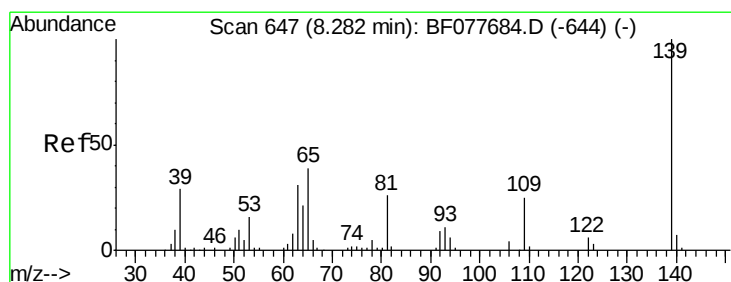
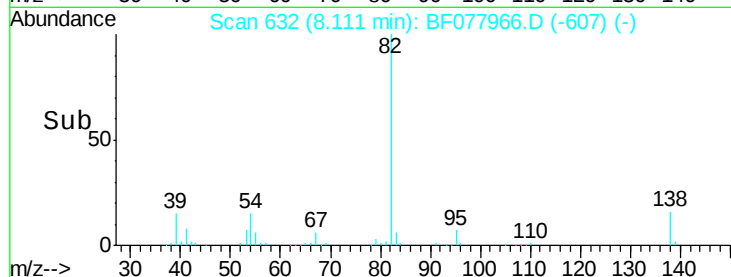
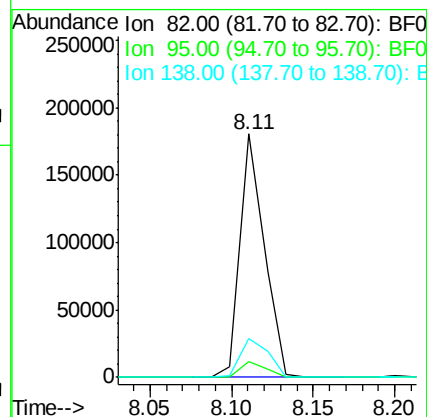
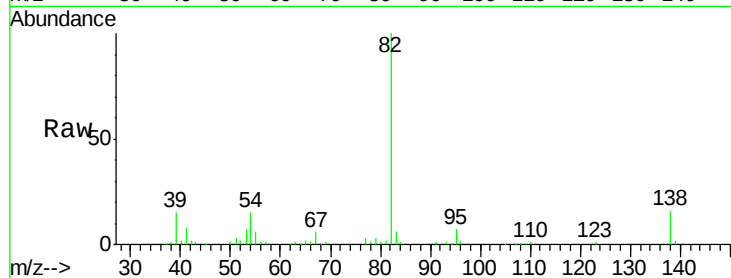
Tot Ion: 82 Resp: 184955

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

138 16.0 16.3 24.5#



#26

2-Nitrophenol

Concen: 32.61 ng

RT: 8.21 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

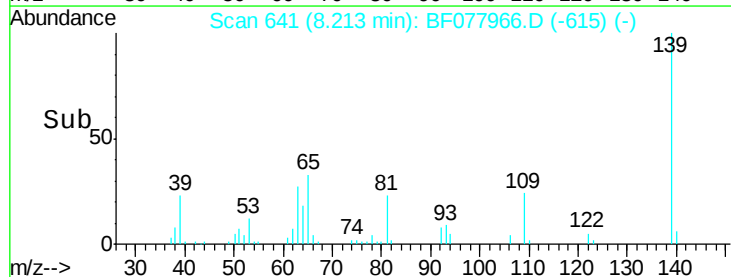
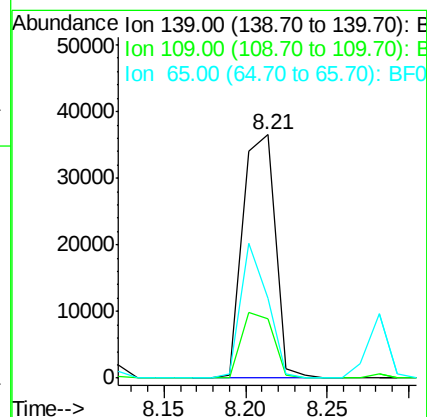
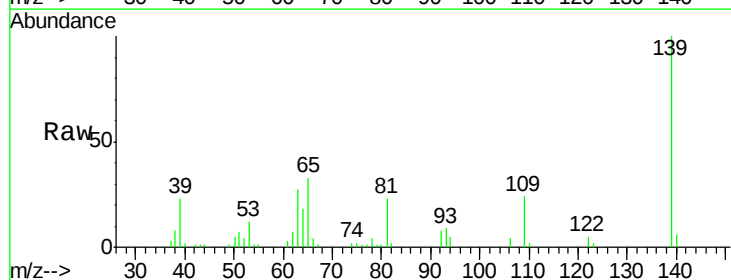
Tgt Ion: 139 Resp: 50119

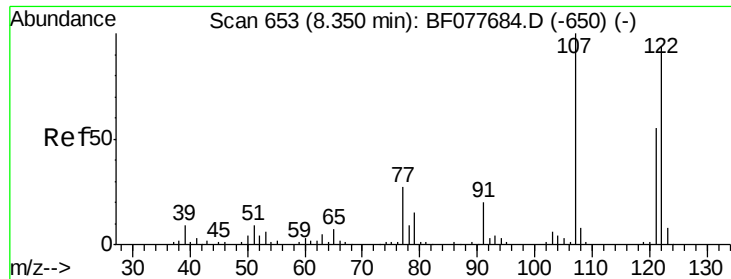
Ion Ratio Lower Upper

139 100

109 24.3 20.1 30.1

65 32.7 31.5 47.3

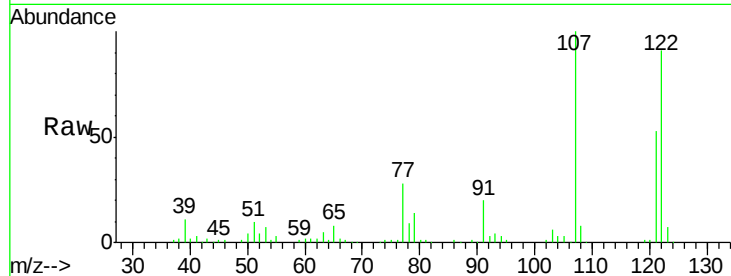




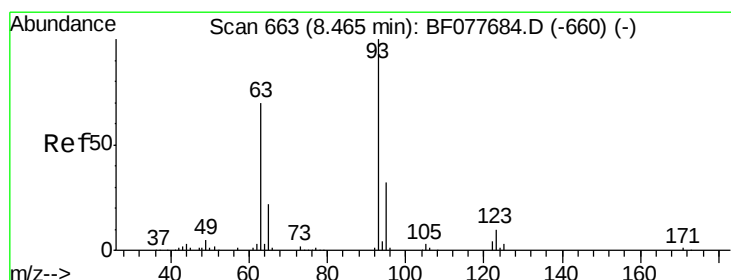
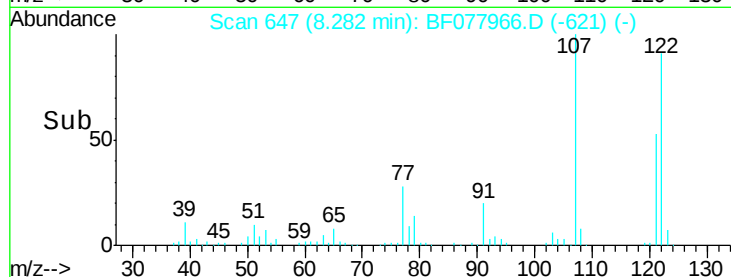
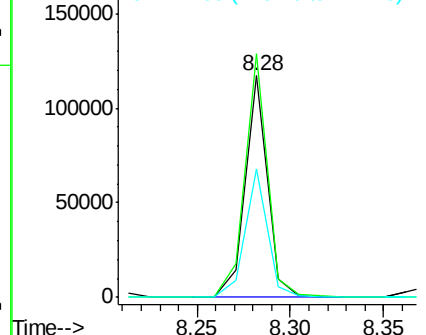
#27  
2,4-Dimethylphenol  
Concen: 34.84 ng  
RT: 8.28 min Scan# 647  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Instrument :  
BNA\_F  
ClientSampleId :  
PB82320BSD

Tot Ion:122 Resp: 97554  
Ion Ratio Lower Upper  
122 100  
107 110.0 84.7 127.1  
121 58.0 46.6 69.8

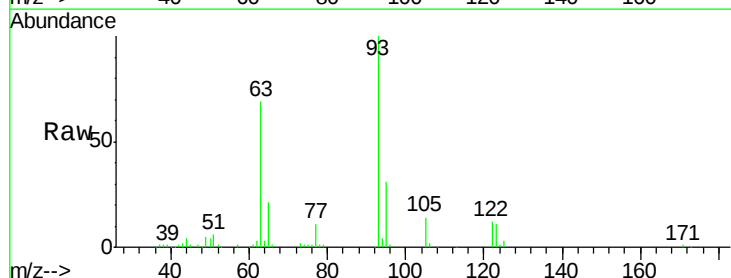


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

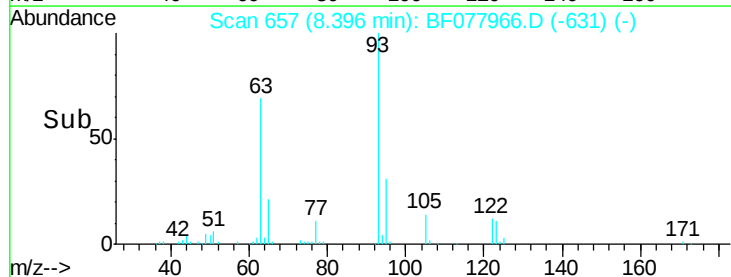
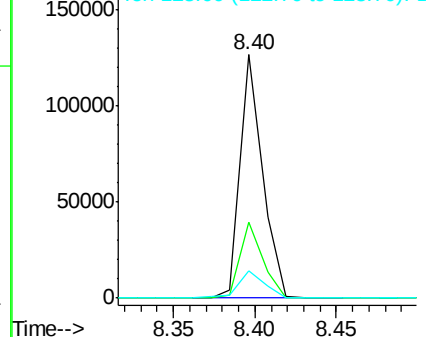


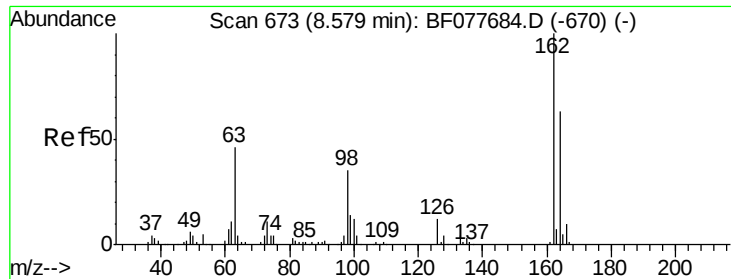
#28  
bis(2-Chloroethoxy)methane  
Concen: 33.42 ng  
RT: 8.40 min Scan# 657  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Tgt Ion: 93 Resp: 119355  
Ion Ratio Lower Upper  
93 100  
95 31.1 25.5 38.3  
123 11.0 8.6 13.0



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: 34.34 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

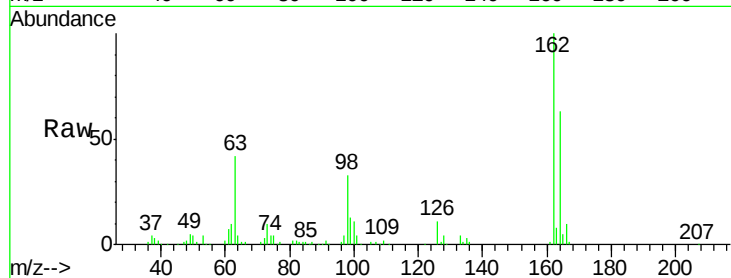
Tot Ion:162 Resp: 91639

Ion Ratio Lower Upper

162 100

164 63.4 42.8 82.8

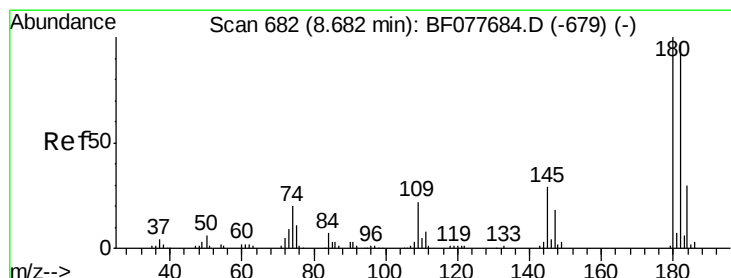
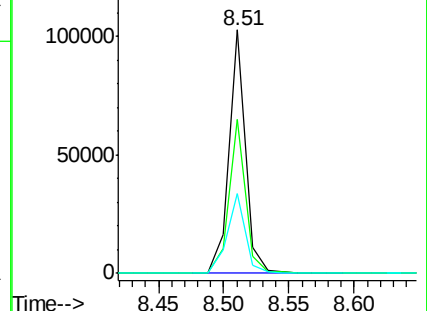
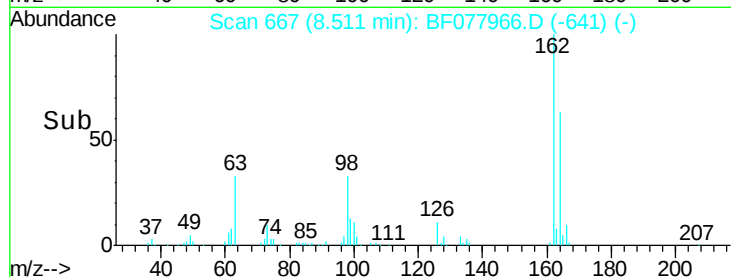
98 33.0 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 30.68 ng

RT: 8.60 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

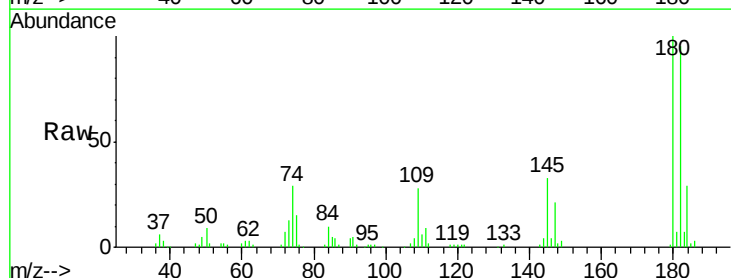
Tgt Ion:180 Resp: 91625

Ion Ratio Lower Upper

180 100

182 94.9 77.6 116.4

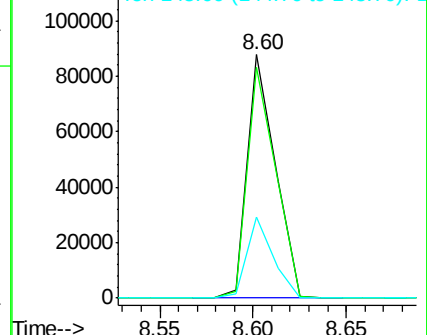
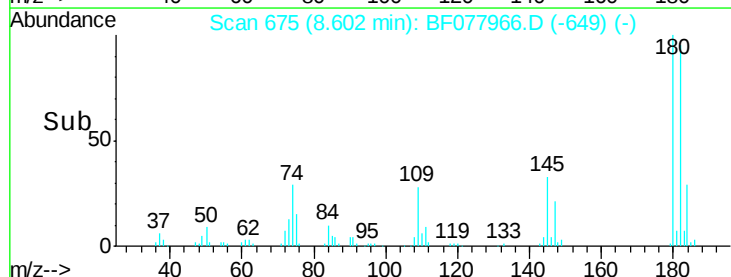
145 33.0 23.4 35.2

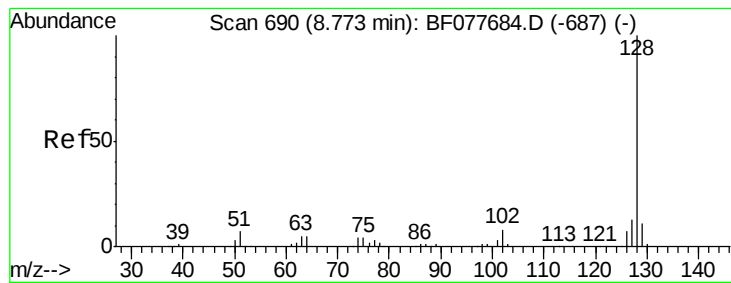


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 30.76 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

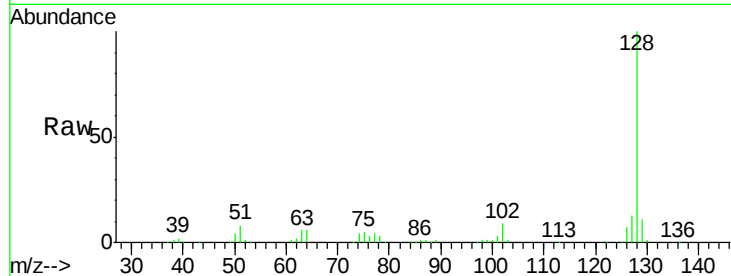
Tot Ion:128 Resp: 301719

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

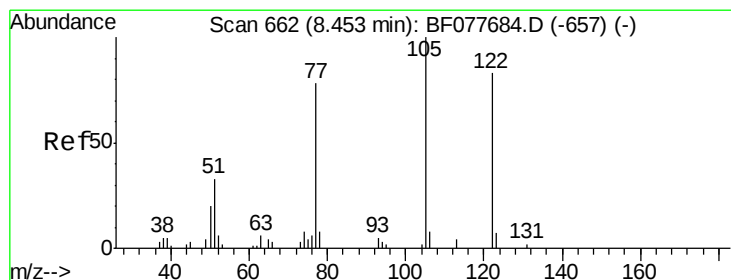
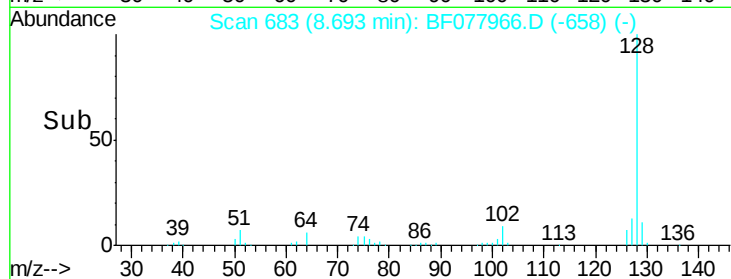
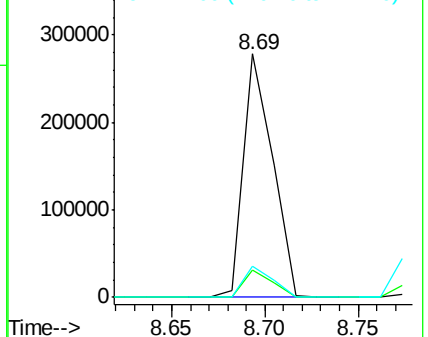
127 12.9 10.4 15.6



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: 26.87 ng

RT: 8.40 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

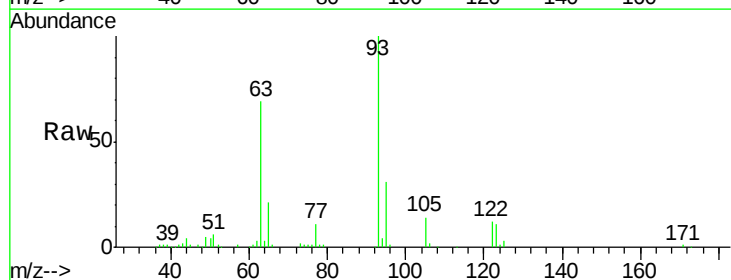
Tgt Ion:122 Resp: 39697

Ion Ratio Lower Upper

122 100

105 123.4 99.9 139.9

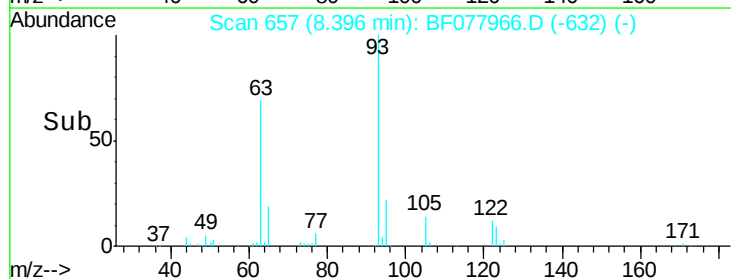
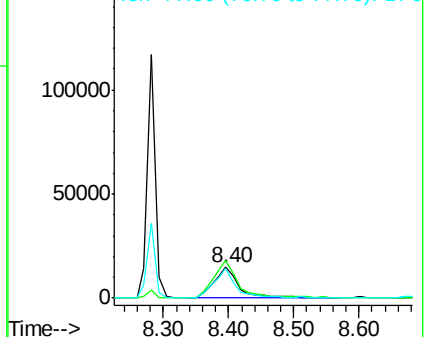
77 97.1 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

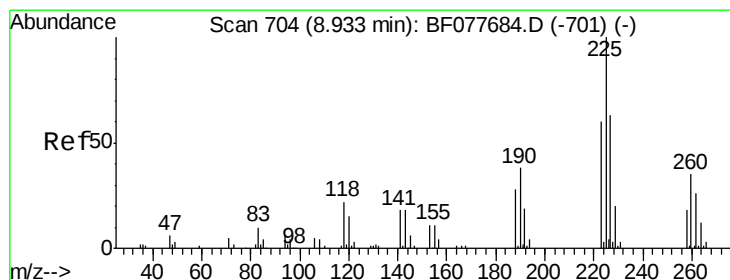
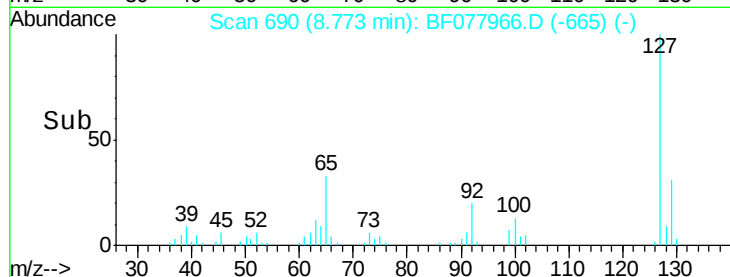
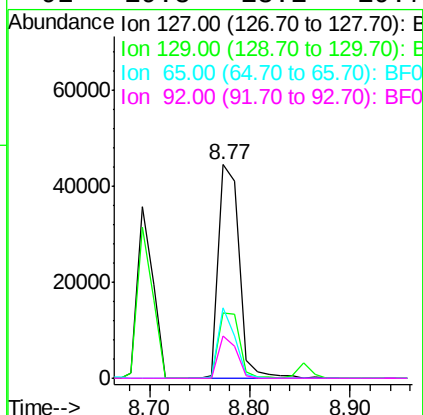
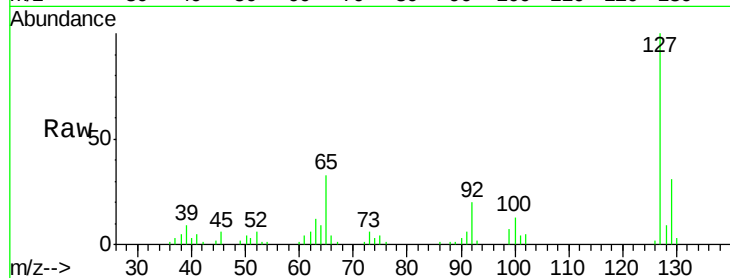




#33  
4-Chloroaniline  
Concen: 16.11 ng  
RT: 8.77 min Scan# 690  
Delta R.T. -0.01 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

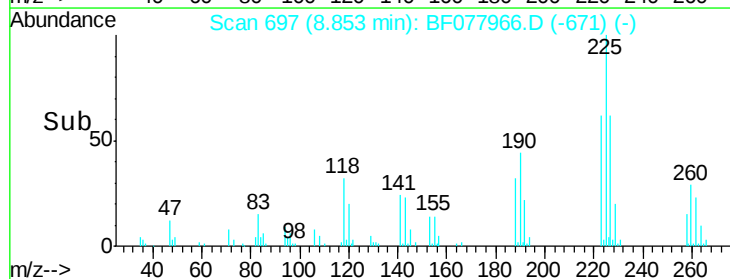
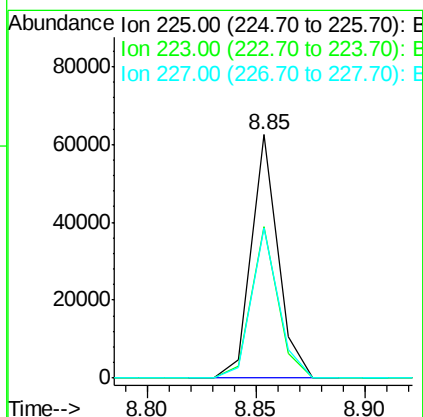
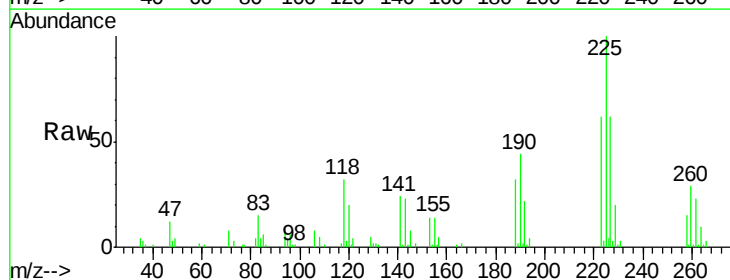
Instrument :  
BNA\_F  
ClientSampleId :  
PB82320BSD

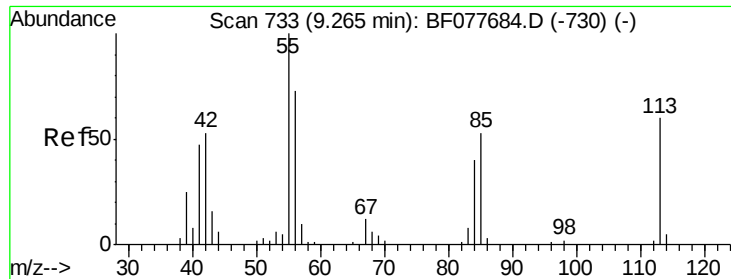
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 64139 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.8  | 25.3  | 37.9  |
| 65       | 33.1  | 17.6  | 26.4  |
| 92       | 19.8  | 13.1  | 19.7  |



#34  
Hexachlorobutadiene  
Concen: 31.61 ng  
RT: 8.85 min Scan# 697  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 53495 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.2  | 47.9  | 71.9  |
| 227      | 61.7  | 50.1  | 75.1  |





#35

Caprolactam

Concen: 36.41 ng

RT: 9.21 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

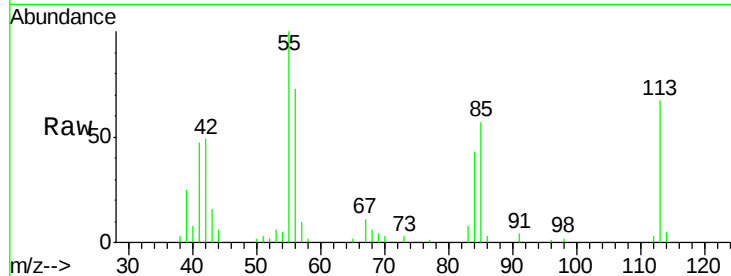
Tot Ion:113 Resp: 28396

Ion Ratio Lower Upper

113 100

55 149.9 145.9 185.9

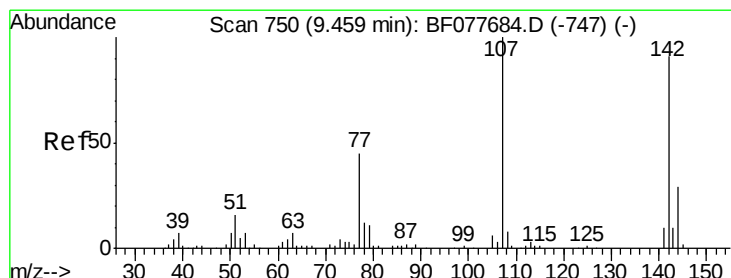
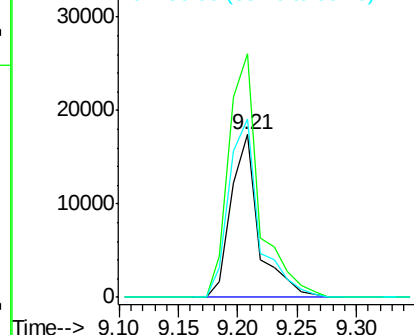
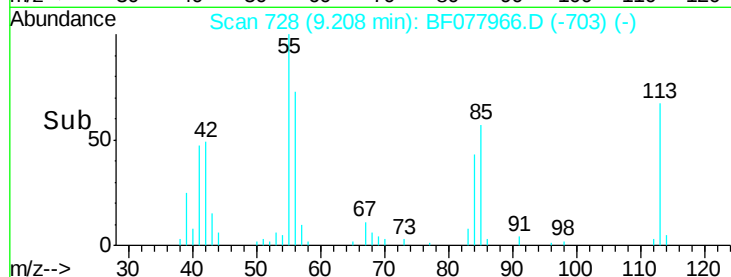
56 110.1 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 33.57 ng

RT: 9.39 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

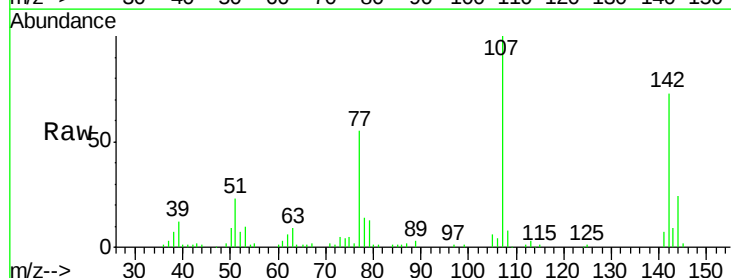
Tgt Ion:107 Resp: 90152

Ion Ratio Lower Upper

107 100

144 23.6 23.3 34.9

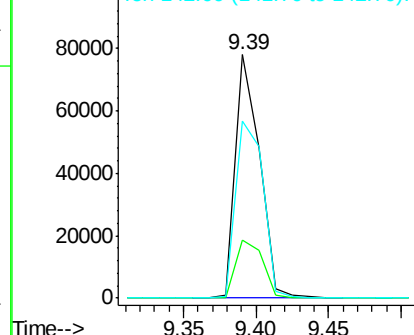
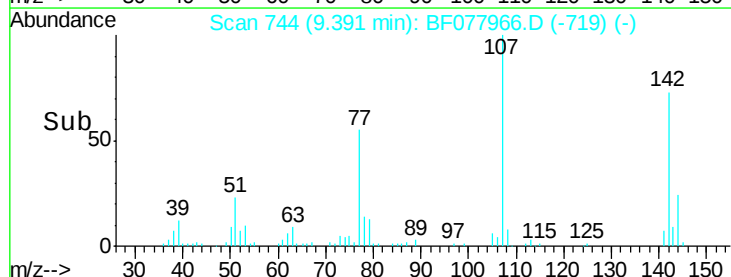
142 72.9 72.6 109.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 32.19 ng

RT: 9.56 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

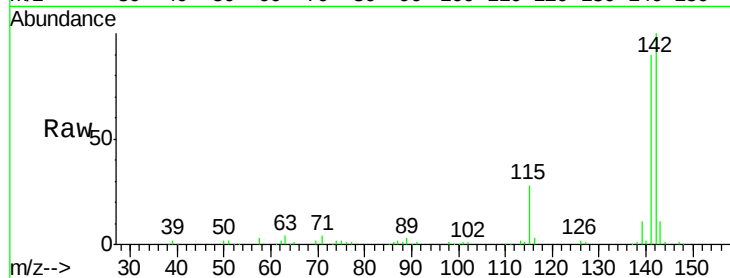
Tot Ion:142 Resp: 212130

Ion Ratio Lower Upper

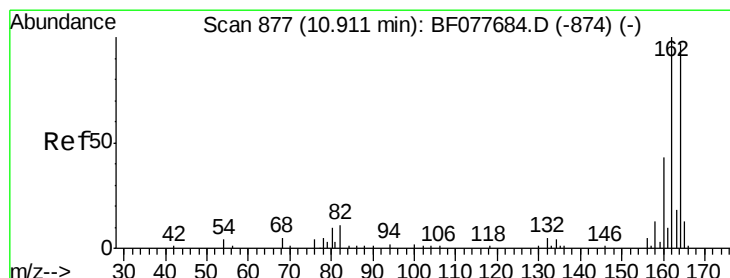
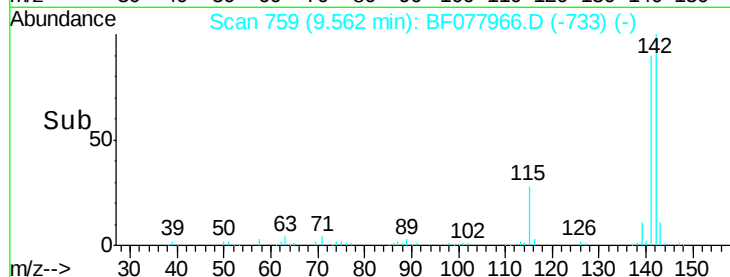
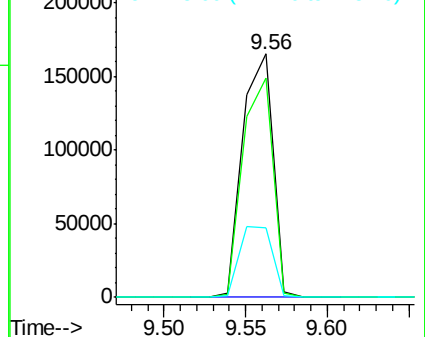
142 100

141 90.0 71.9 107.9

115 28.4 25.4 38.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

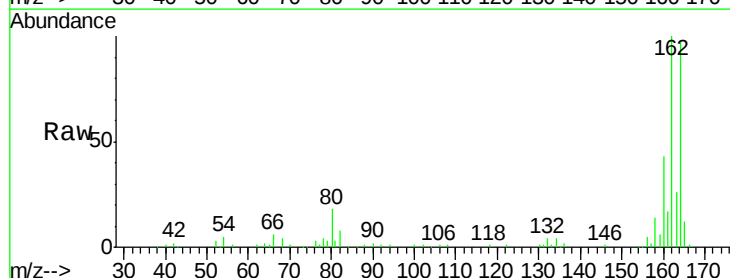
Tgt Ion:164 Resp: 97985

Ion Ratio Lower Upper

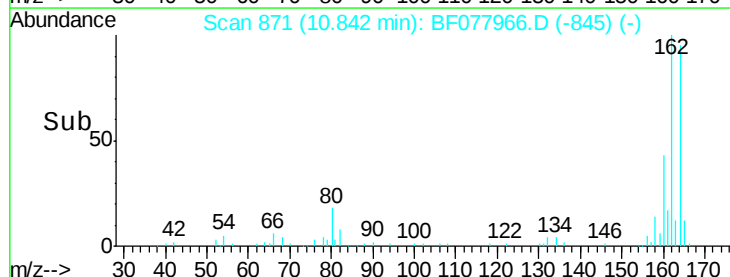
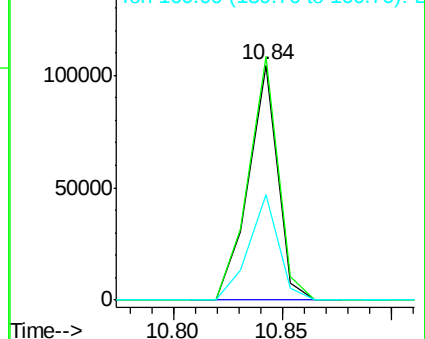
164 100

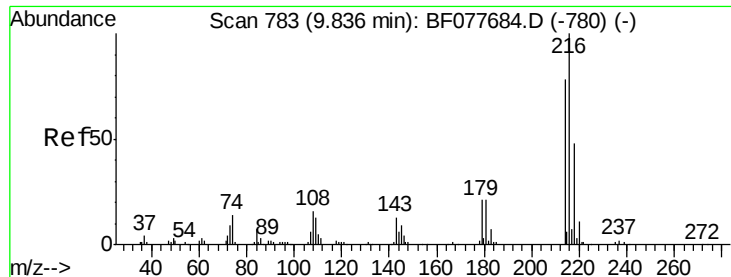
162 103.5 82.4 123.6

160 44.7 35.8 53.6



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

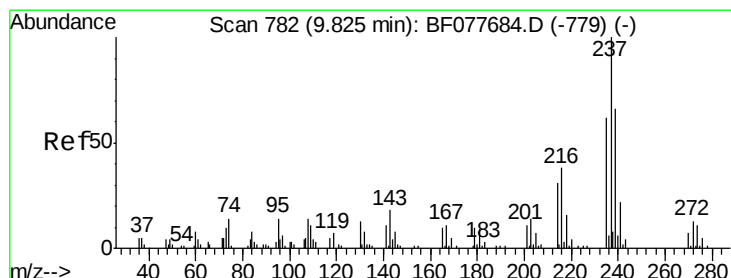
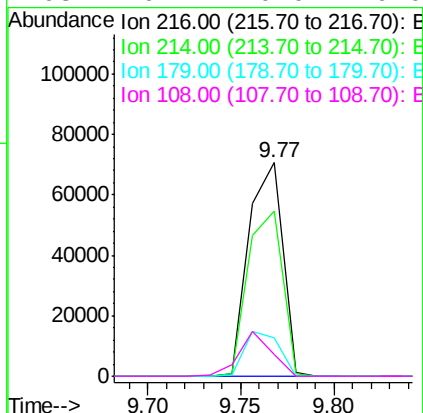
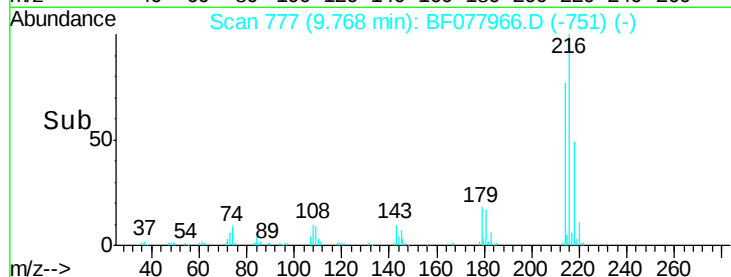
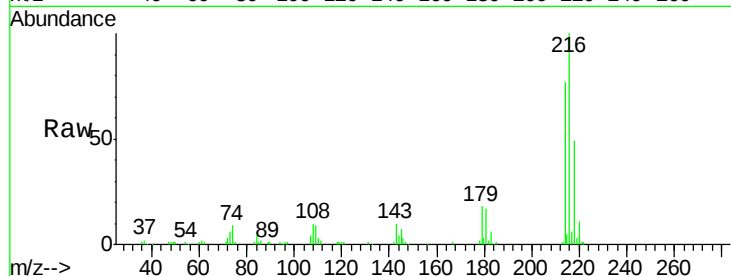




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 30.52 ng  
 RT: 9.77 min Scan# 777  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

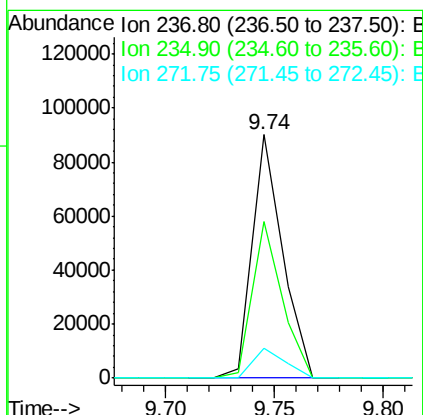
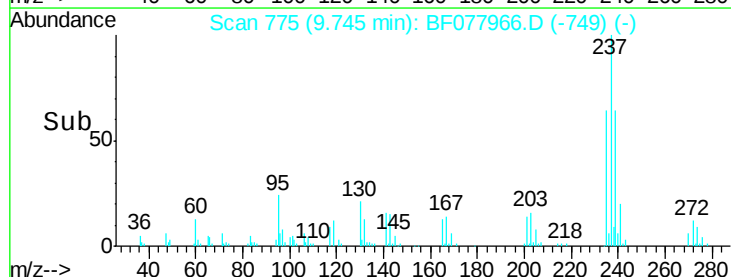
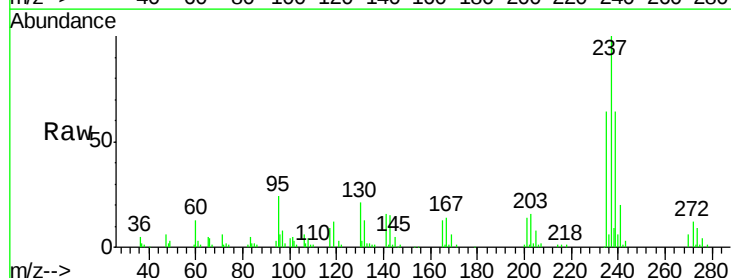
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82320BSD

|             |       |          |
|-------------|-------|----------|
| Tot Ion:216 | Resp: | 89208    |
| Ion Ratio   | Lower | Upper    |
| 216         | 100   |          |
| 214         | 79.1  | 0.0 0.0# |
| 179         | 21.7  | 0.0 0.0# |
| 108         | 20.4  | 0.0 0.0# |



#40  
 Hexachlorocyclopentadiene  
 Concen: 60.51 ng  
 RT: 9.74 min Scan# 775  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 87346     |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 64.2  | 42.0 82.0 |
| 272         | 12.1  | 0.0 33.4  |

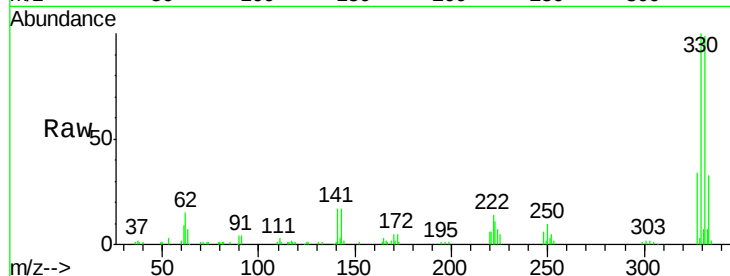




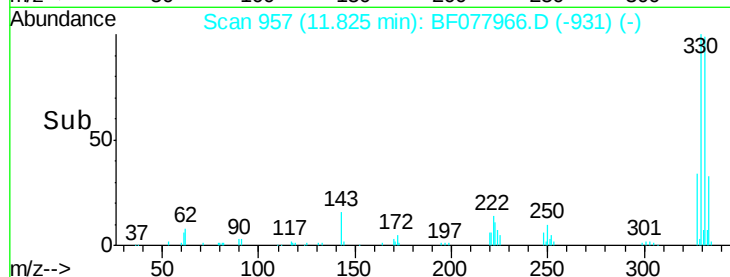
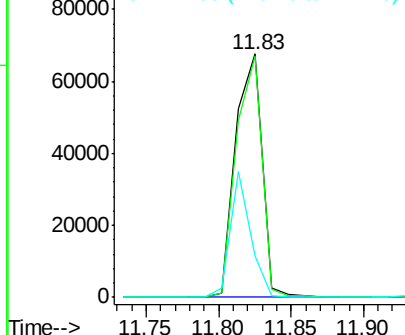
#41  
 2,4,6-Tribromophenol  
 Concen: 91.34 ng  
 RT: 11.83 min Scan# 957  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82320BSD

Tot Ion:330 Resp: 85630  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 0.0 0.0#  
 141 39.7 0.0 0.0#

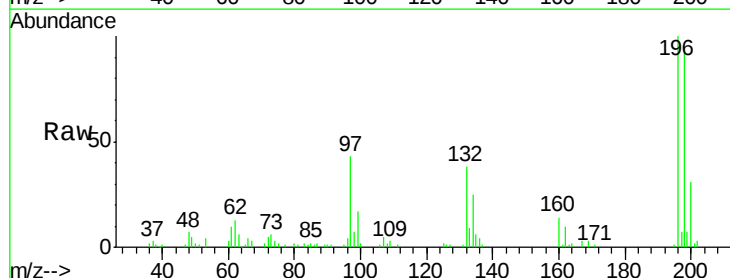


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

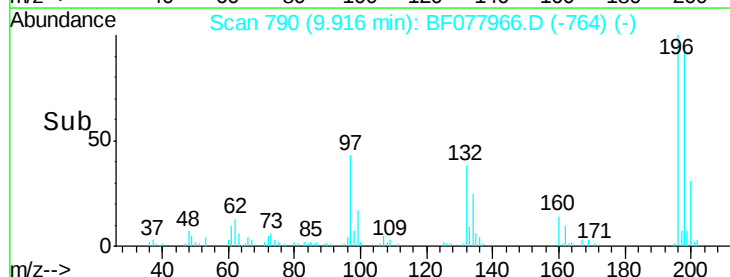
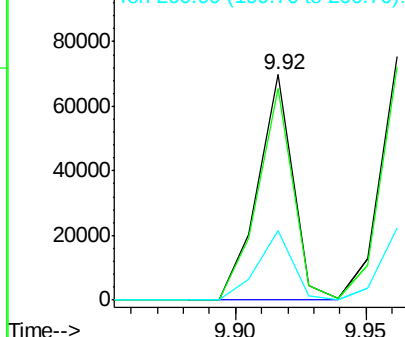


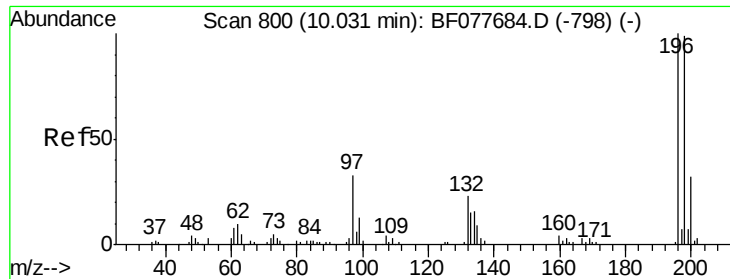
#42  
 2,4,6-Trichlorophenol  
 Concen: 32.15 ng  
 RT: 9.92 min Scan# 790  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

Tgt Ion:196 Resp: 65090  
 Ion Ratio Lower Upper  
 196 100  
 198 93.6 76.3 114.5  
 200 30.6 25.6 38.4



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

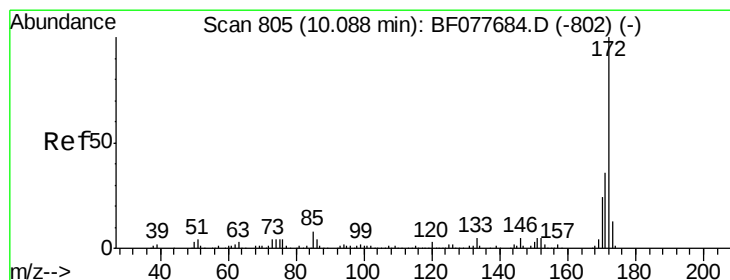
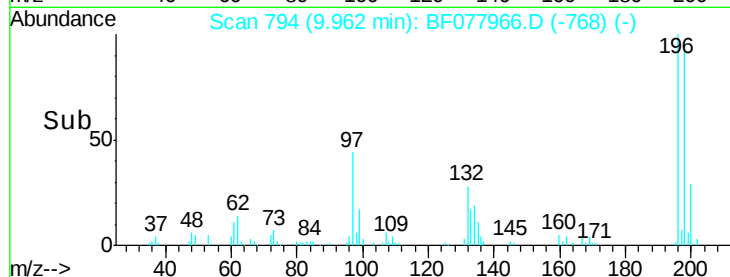
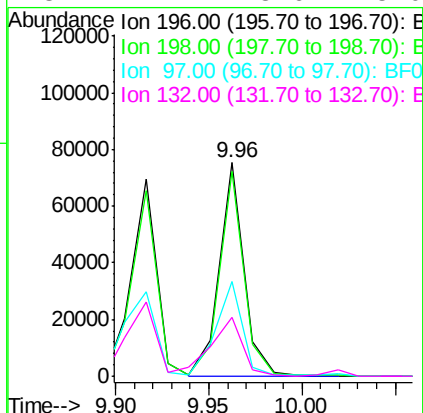
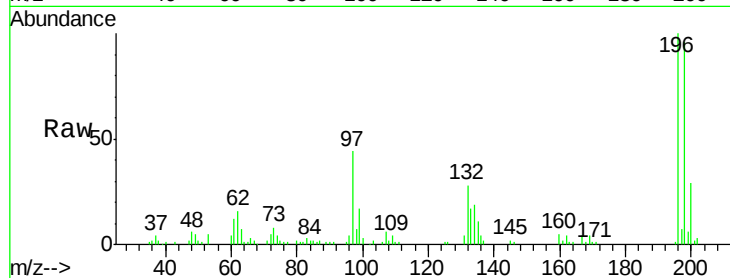




#43  
 2,4,5-Trichlorophenol  
 Concen: 32.02 ng  
 RT: 9.96 min Scan# 794  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

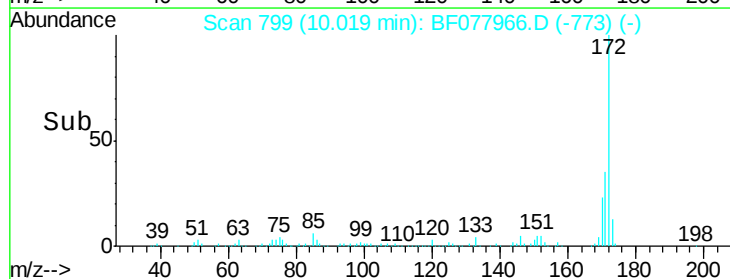
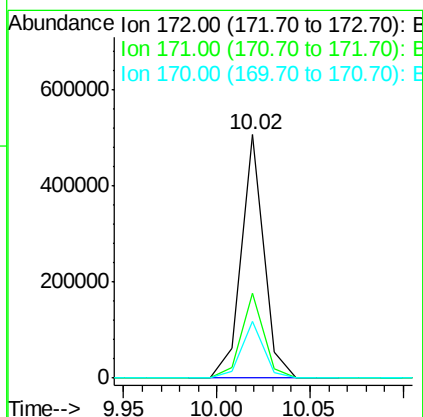
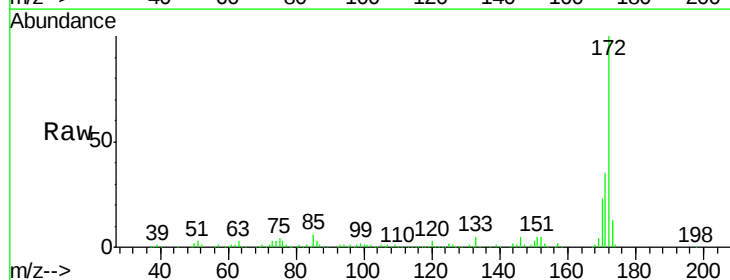
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82320BSD

Tot Ion:196 Resp: 70039  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 79.4 119.0  
 97 44.5 26.8 40.2#  
 132 27.7 18.6 28.0



#44  
 2-Fluorobiphenyl  
 Concen: 64.20 ng  
 RT: 10.02 min Scan# 799  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

Tgt Ion:172 Resp: 428019  
 Ion Ratio Lower Upper  
 172 100  
 171 34.9 28.5 42.7  
 170 23.2 18.8 28.2

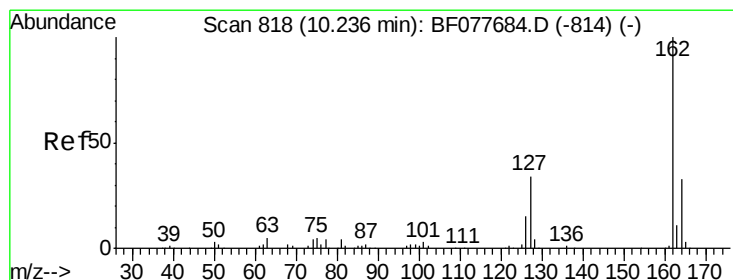
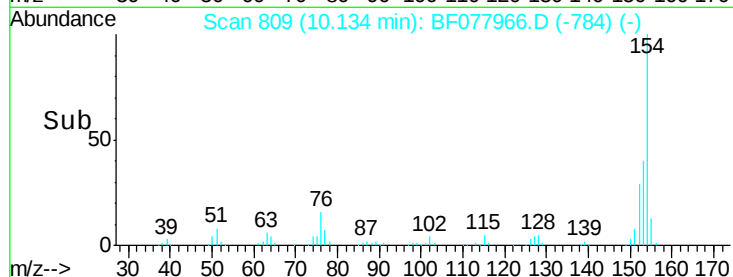
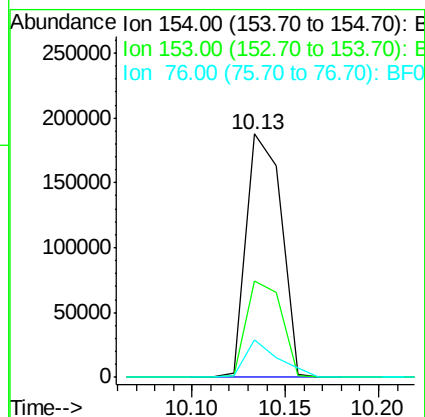
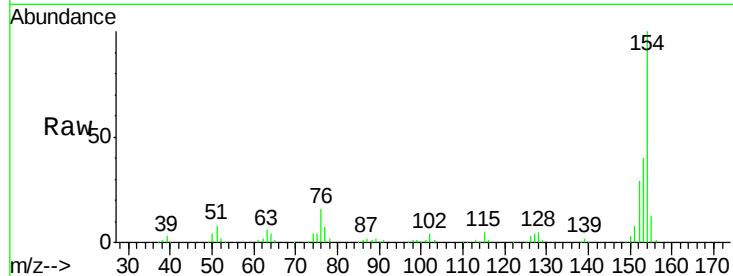




#45  
1,1'-Biphenyl  
Concen: 31.21 ng  
RT: 10.13 min Scan# 809  
Delta R.T. -0.01 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

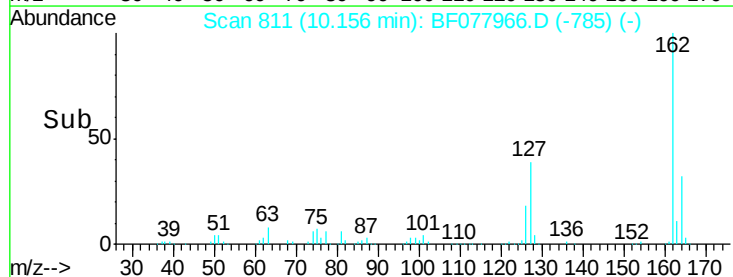
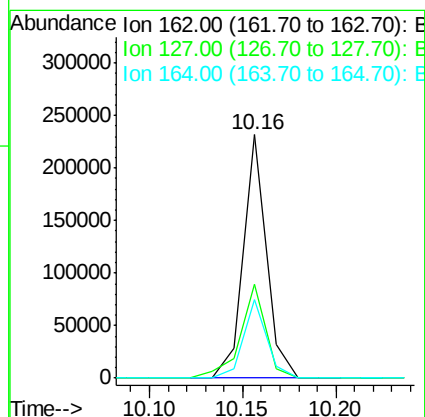
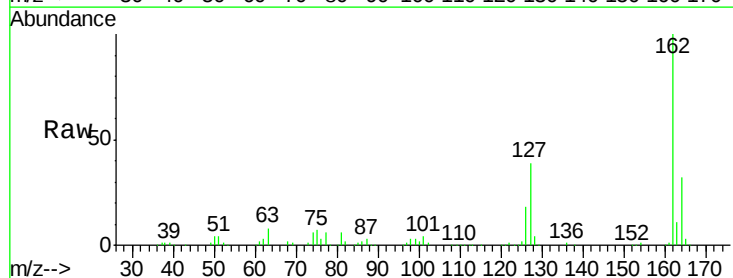
Instrument :  
BNA\_F  
ClientSampleId :  
PB82320BSD

Tot Ion:154 Resp: 244470  
Ion Ratio Lower Upper  
154 100  
153 39.6 20.7 60.7  
76 15.5 0.0 30.9



#46  
2-Chloronaphthalene  
Concen: 31.58 ng  
RT: 10.16 min Scan# 811  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Tgt Ion:162 Resp: 200998  
Ion Ratio Lower Upper  
162 100  
127 38.7 26.9 40.3  
164 32.2 26.8 40.2

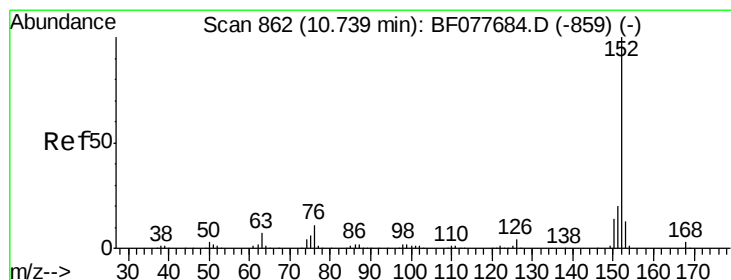
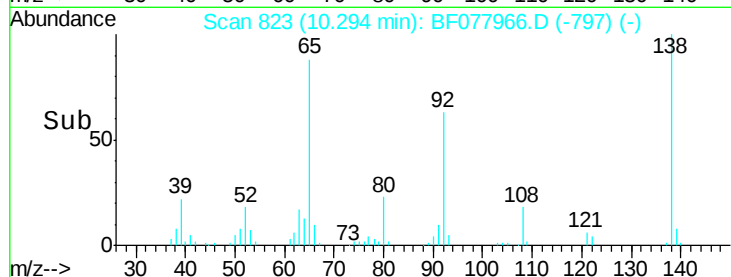
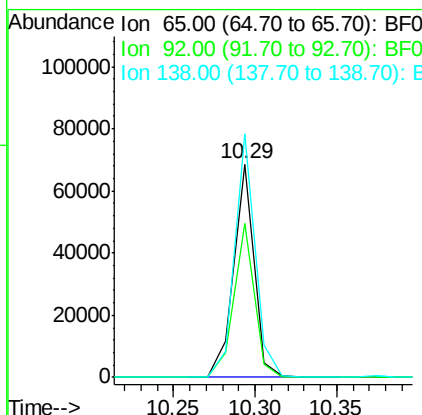
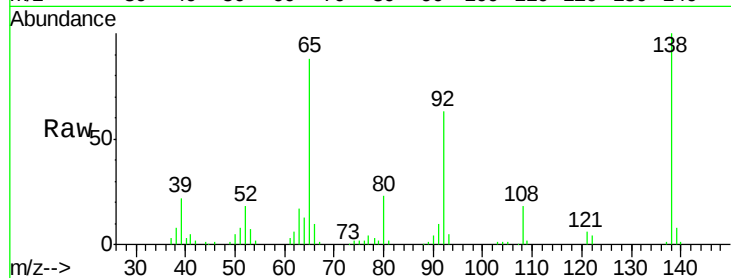




#47  
 2-Nitroaniline  
 Concen: 37.26 ng  
 RT: 10.29 min Scan# 823  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

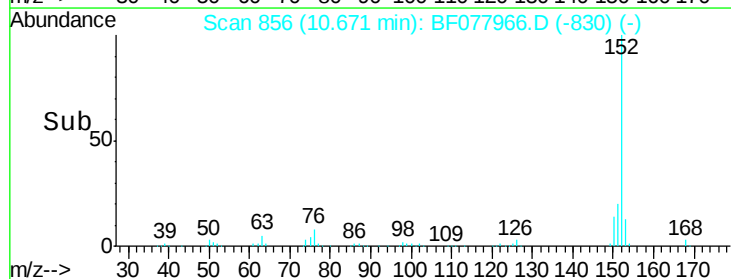
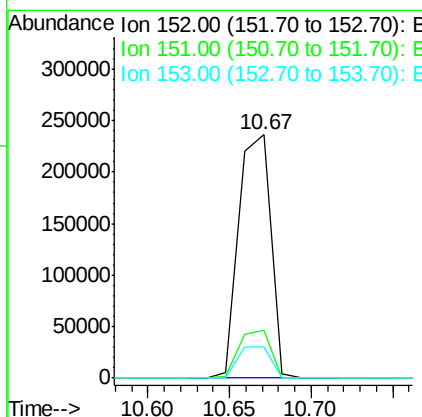
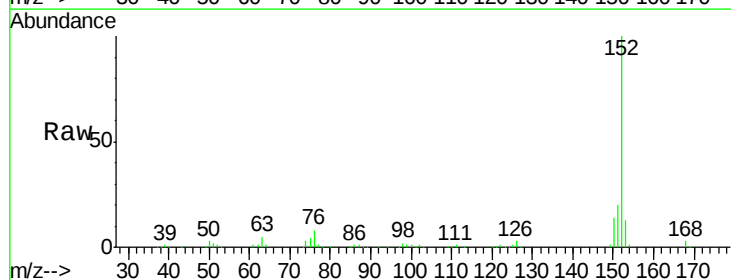
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82320BSD

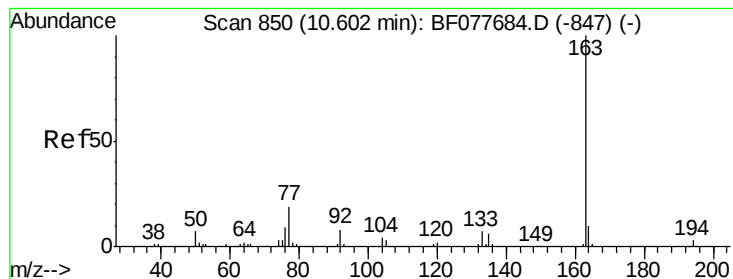
Tot Ion: 65 Resp: 58912  
 Ion Ratio Lower Upper  
 65 100  
 92 72.4 59.1 88.7  
 138 114.1 93.9 140.9



#48  
 Acenaphthylene  
 Concen: 30.27 ng  
 RT: 10.67 min Scan# 856  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

Tgt Ion: 152 Resp: 320369  
 Ion Ratio Lower Upper  
 152 100  
 151 19.6 15.9 23.9  
 153 12.6 10.6 16.0





#49

Dimethylphthalate

Concen: 33.86 ng

RT: 10.53 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

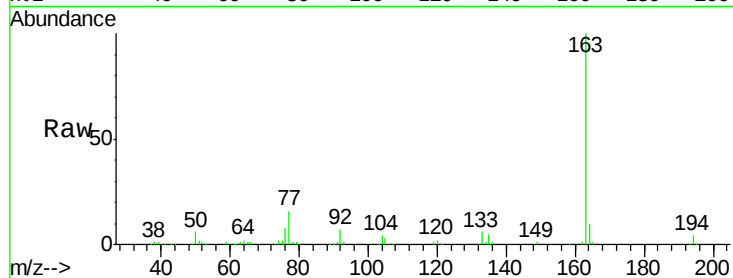
Tot Ion:163 Resp: 246110

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

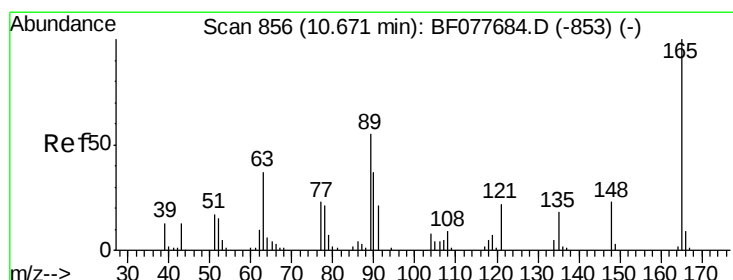
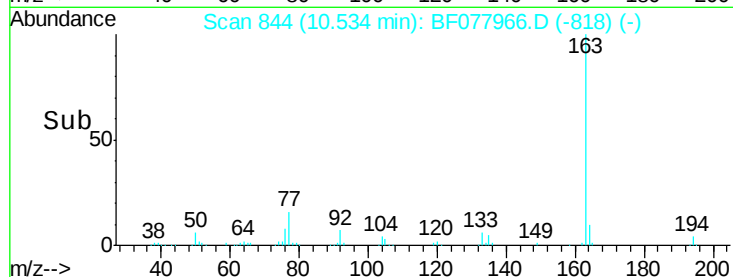
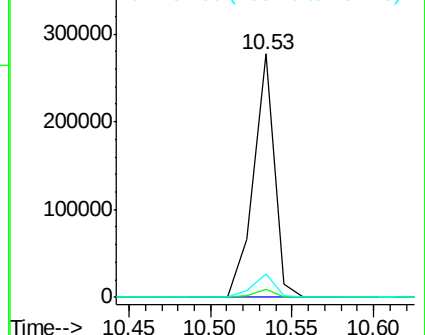
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.75 ng

RT: 10.60 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

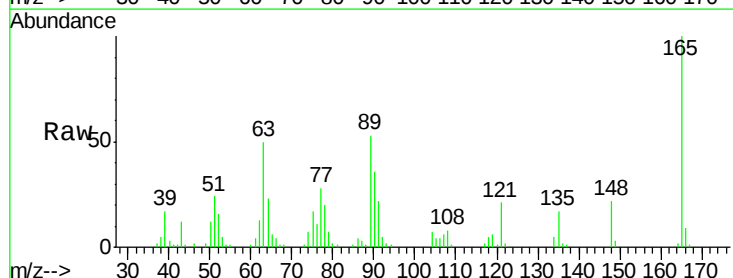
Tgt Ion:165 Resp: 52352

Ion Ratio Lower Upper

165 100

63 49.8 44.1 66.1

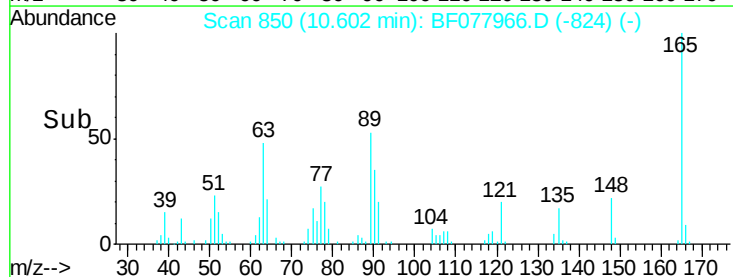
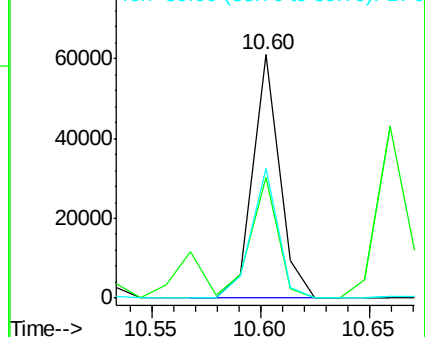
89 53.0 44.3 66.5

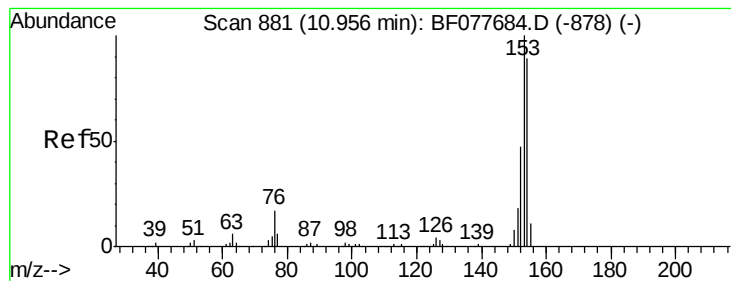


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 30.27 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

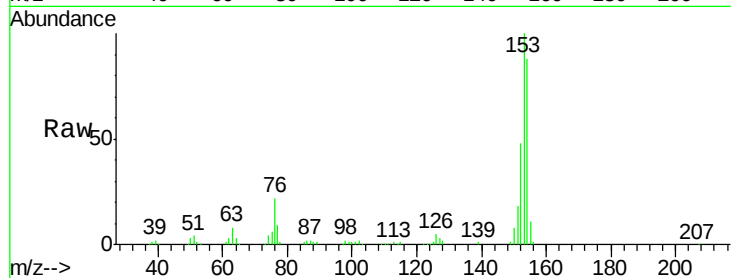
Tot Ion:154 Resp: 183733

Ion Ratio Lower Upper

154 100

153 113.7 90.0 135.0

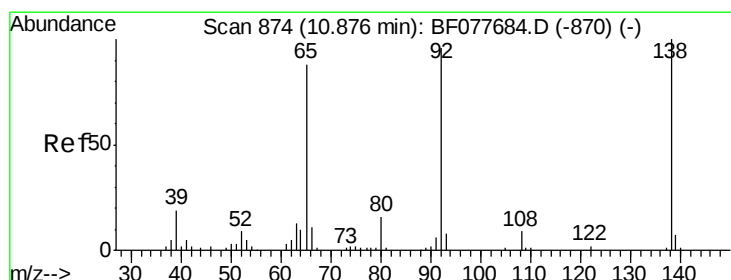
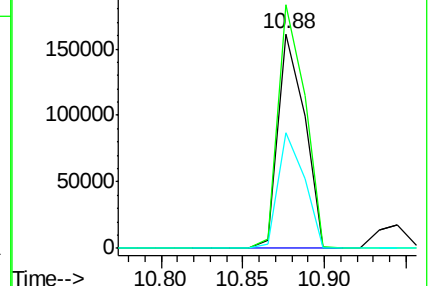
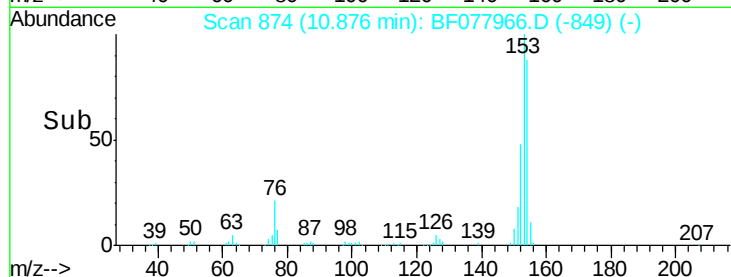
152 54.0 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.20 ng

RT: 10.81 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

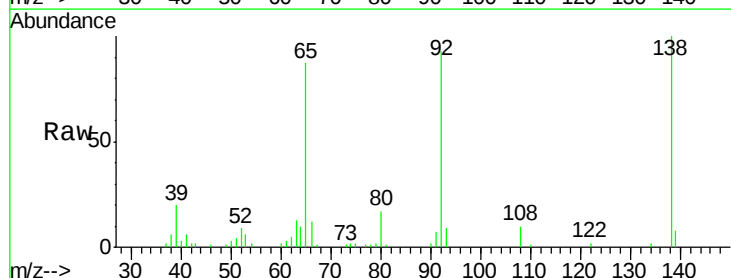
Tgt Ion:138 Resp: 38841

Ion Ratio Lower Upper

138 100

108 10.1 7.3 10.9

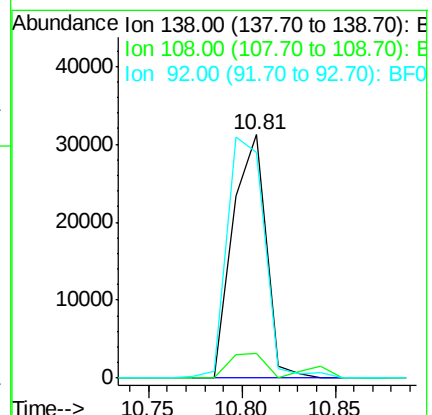
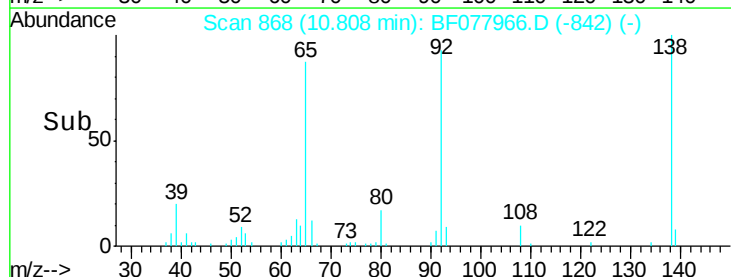
92 92.5 76.6 114.8

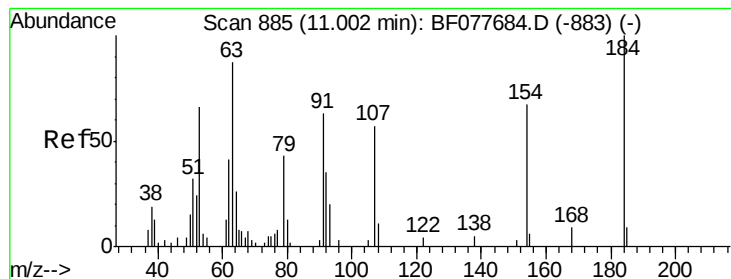


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 72.76 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

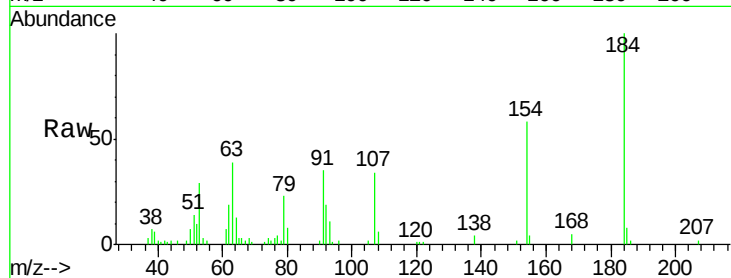
Tot Ion:184 Resp: 39820

Ion Ratio Lower Upper

184 100

63 39.0 69.2 103.8#

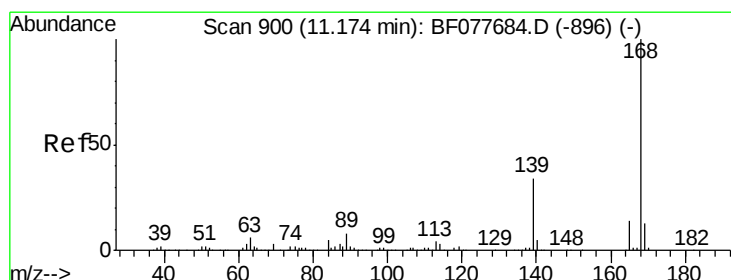
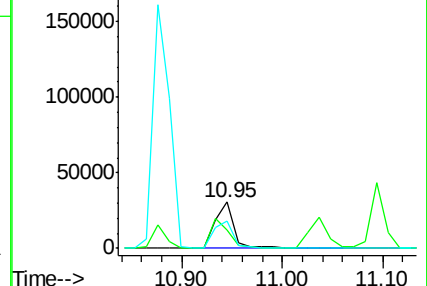
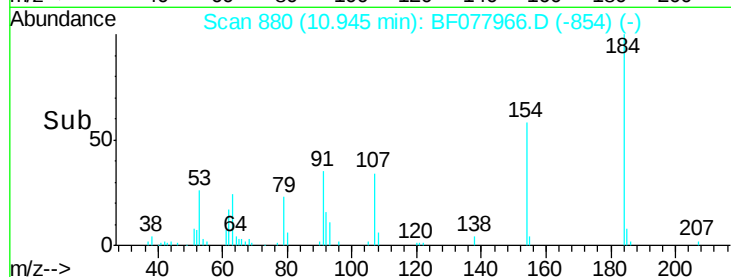
154 58.5 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 32.12 ng

RT: 11.09 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

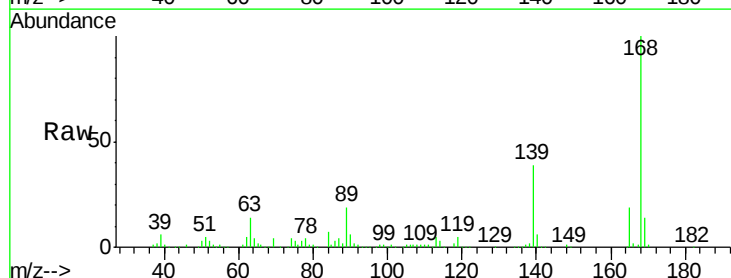
Tgt Ion:168 Resp: 289099

Ion Ratio Lower Upper

168 100

139 39.3 27.3 40.9

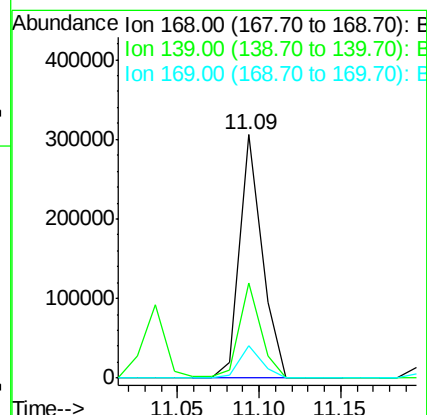
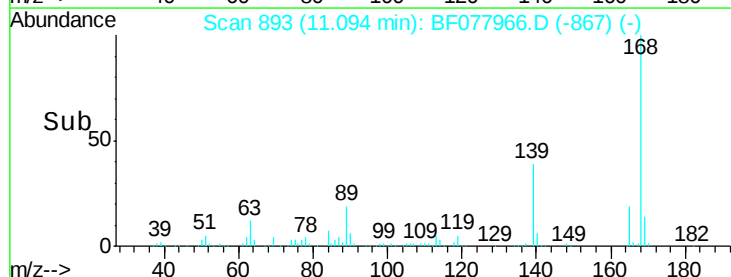
169 13.6 10.6 16.0

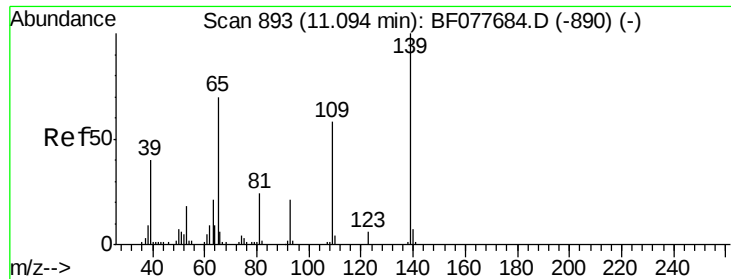


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

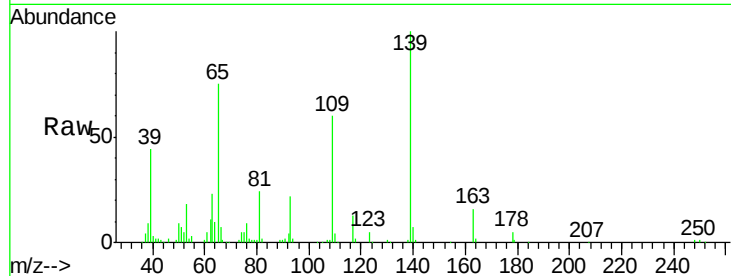




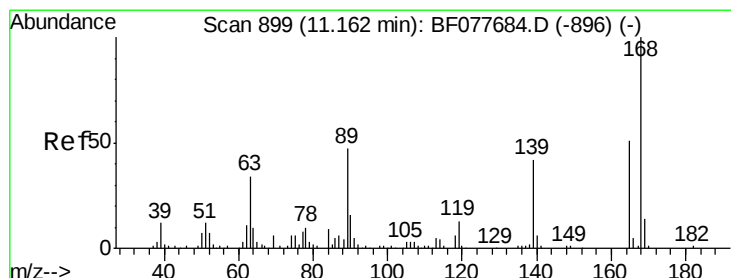
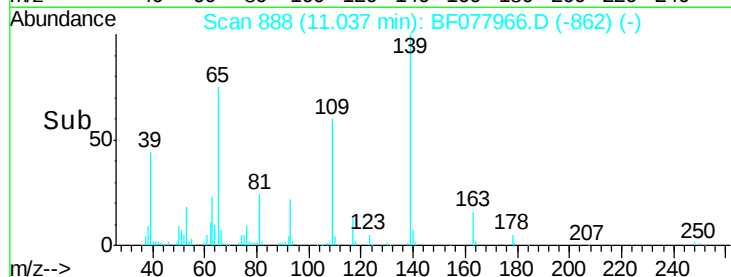
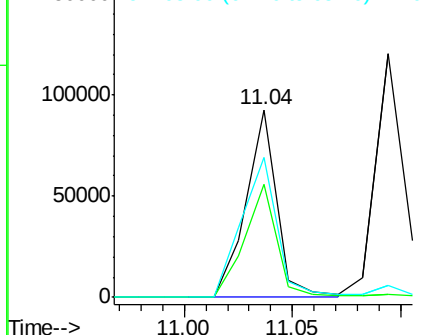
#55  
4-Nitrophenol  
Concen: 70.93 ng  
RT: 11.04 min Scan# 888  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Instrument :  
BNA\_F  
ClientSampleId :  
PB82320BSD

Tot Ion:139 Resp: 91919  
Ion Ratio Lower Upper  
139 100  
109 60.0 37.7 77.7  
65 74.8 49.9 89.9

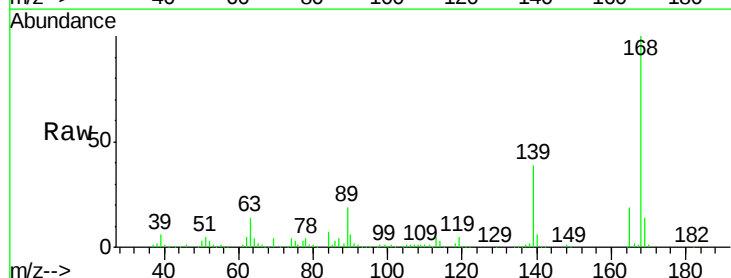


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): E

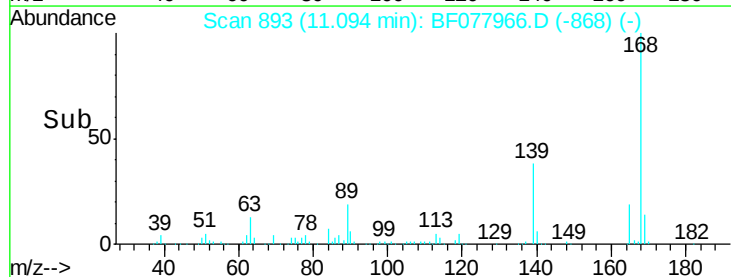
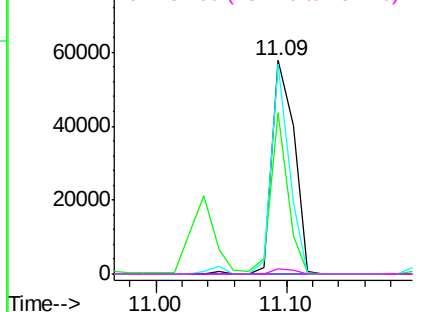


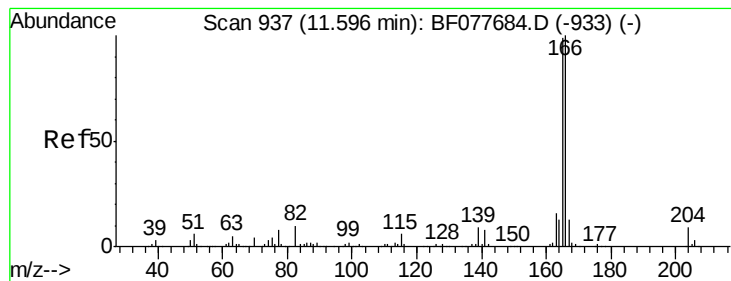
#56  
2,4-Dinitrotoluene  
Concen: 35.30 ng  
RT: 11.09 min Scan# 893  
Delta R.T. -0.01 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Tgt Ion:165 Resp: 69335  
Ion Ratio Lower Upper  
165 100  
63 75.3 52.4 78.6  
89 98.1 72.4 108.6  
182 2.4 2.0 3.0



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  
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 31.21 ng

RT: 11.52 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

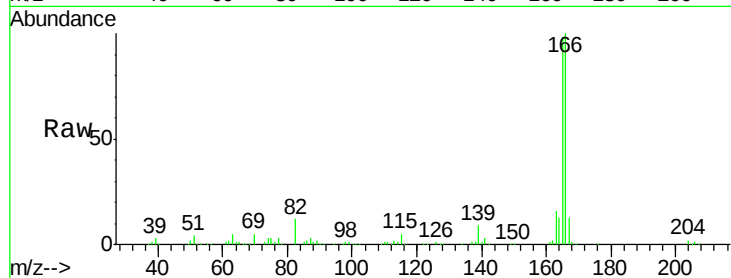
Tot Ion:166 Resp: 233295

Ion Ratio Lower Upper

166 100

165 98.0 79.0 118.4

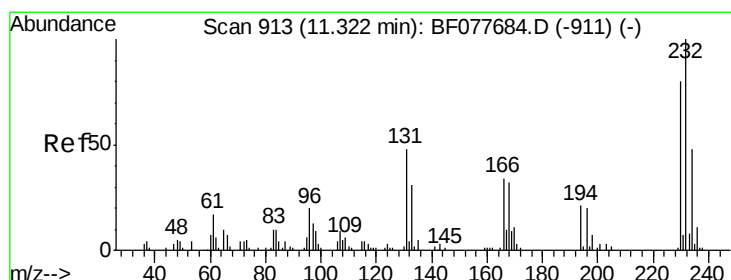
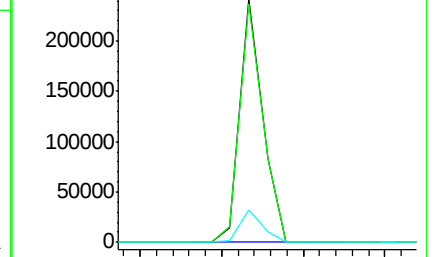
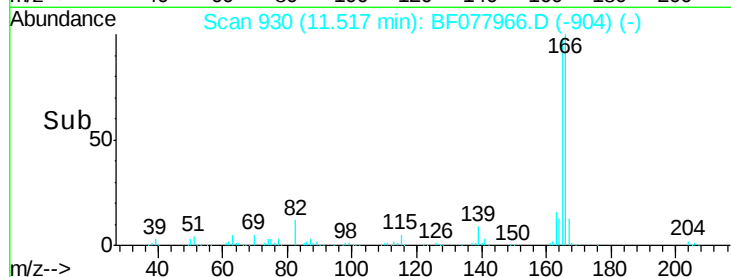
167 13.3 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.62 ng

RT: 11.25 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Tgt Ion:232 Resp: 58303

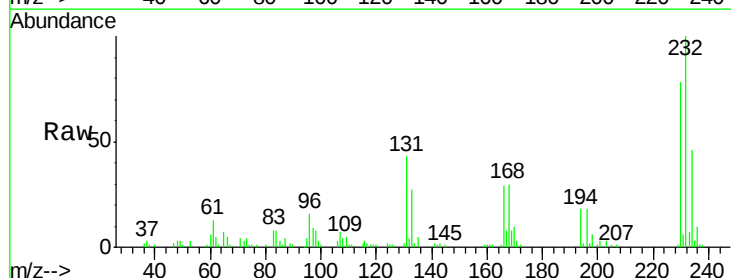
Ion Ratio Lower Upper

232 100

131 46.1 0.0 0.0#

130 1.8 0.0 0.0#

166 30.3 0.0 0.0#

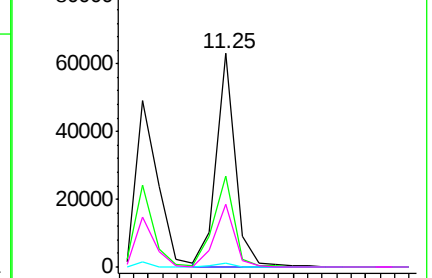
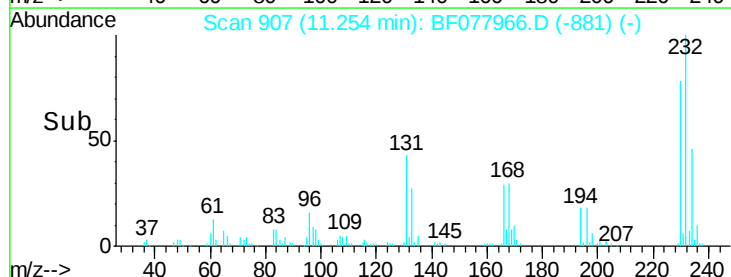


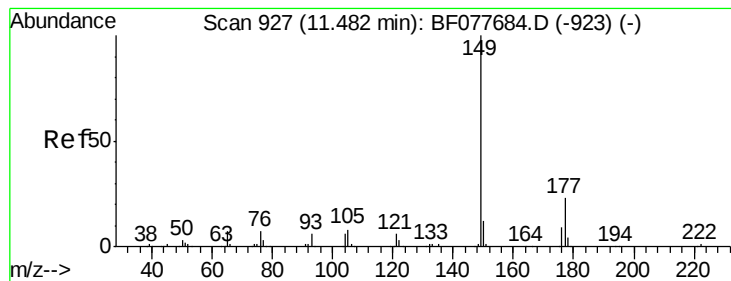
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 32.75 ng

RT: 11.40 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

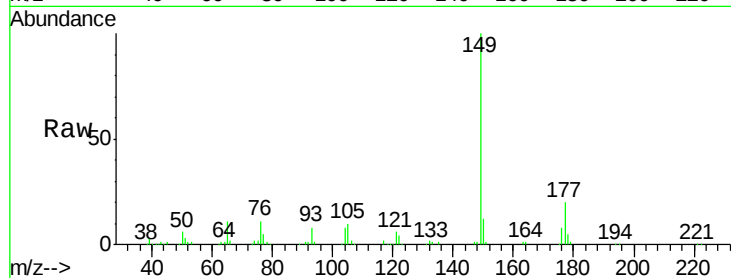
Tot Ion:149 Resp: 231930

Ion Ratio Lower Upper

149 100

177 19.9 18.3 27.5

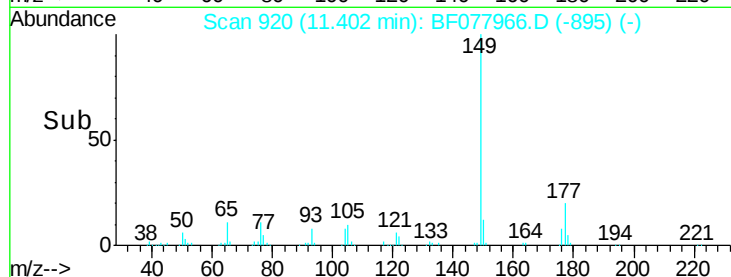
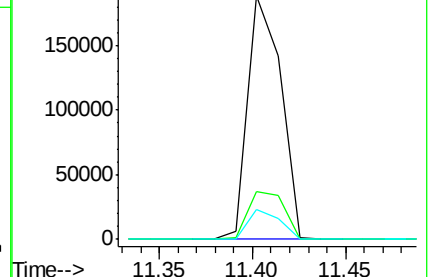
150 12.5 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.38 ng

RT: 11.53 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

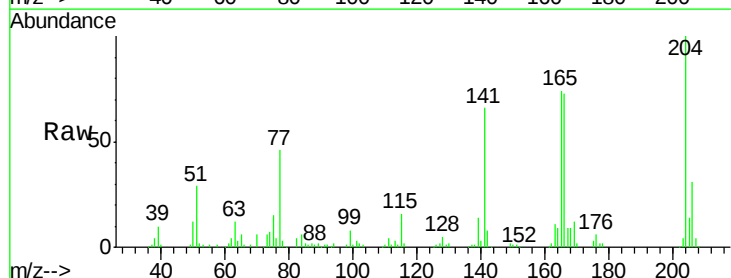
Tgt Ion:204 Resp: 110446

Ion Ratio Lower Upper

204 100

206 31.4 26.6 39.8

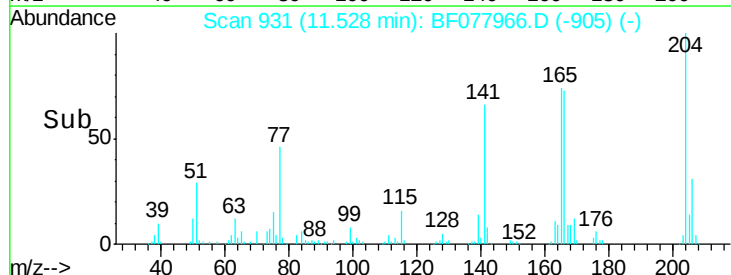
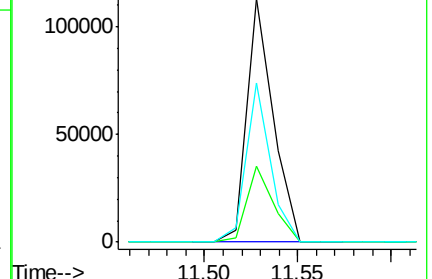
141 65.6 45.2 67.8

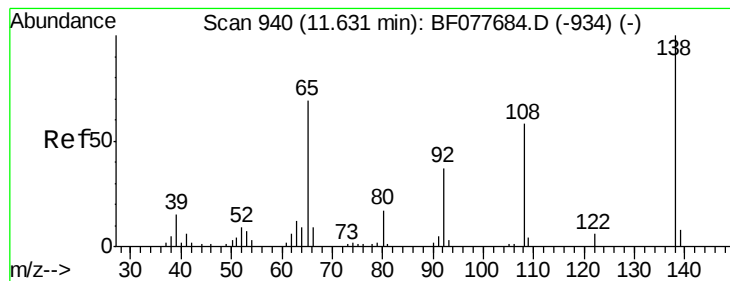


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.00 ng

RT: 11.56 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

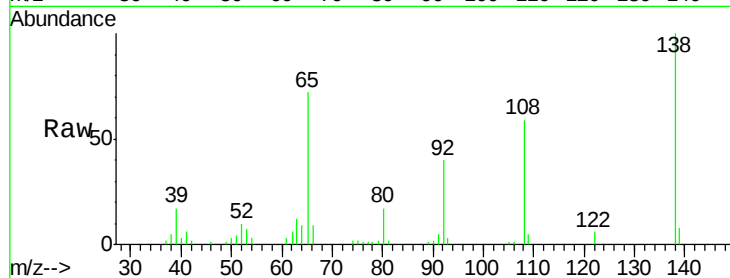
Tot Ion:138 Resp: 57537

Ion Ratio Lower Upper

138 100

92 40.1 16.7 56.7

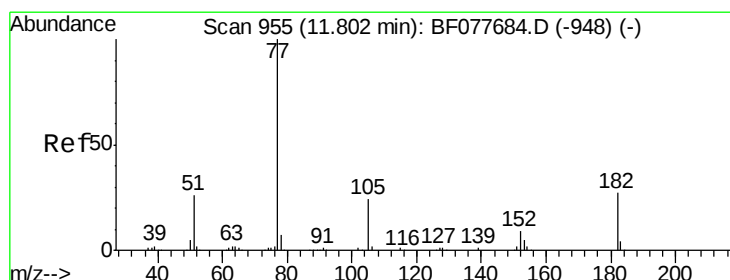
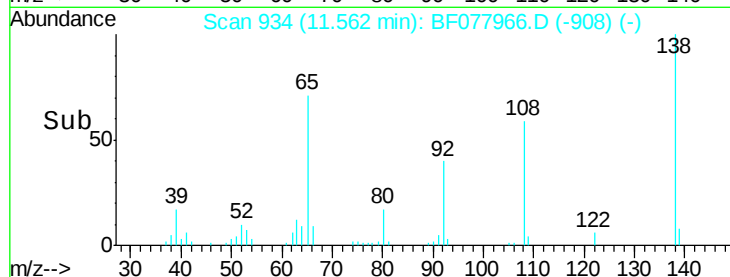
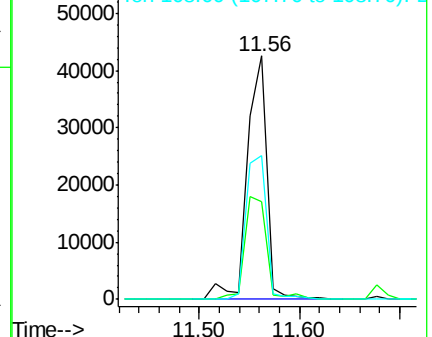
108 59.2 37.6 77.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 32.25 ng

RT: 11.72 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Tgt Ion: 77 Resp: 218251

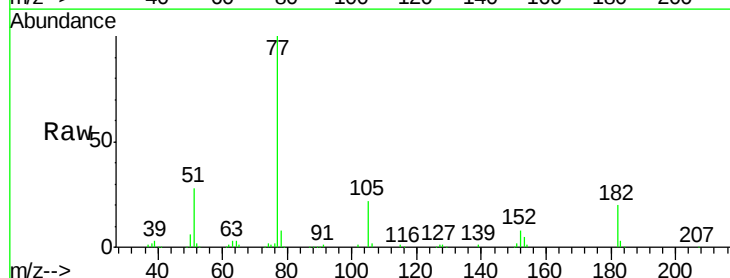
Ion Ratio Lower Upper

77 100

182 20.3 6.5 46.5

105 21.7 3.8 43.8

51 28.4 5.5 45.5

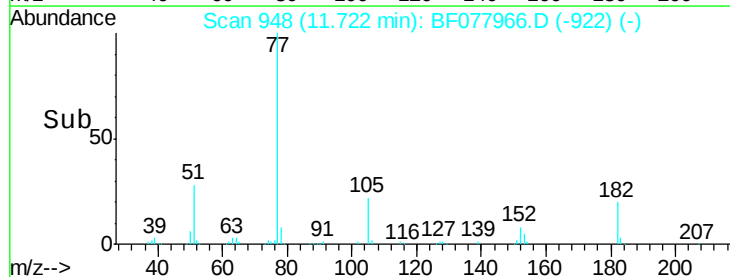
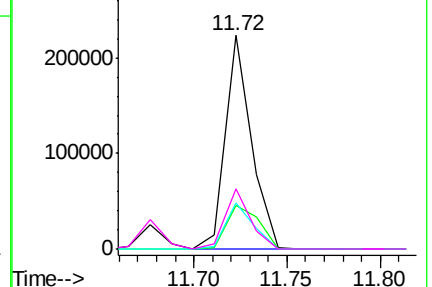


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

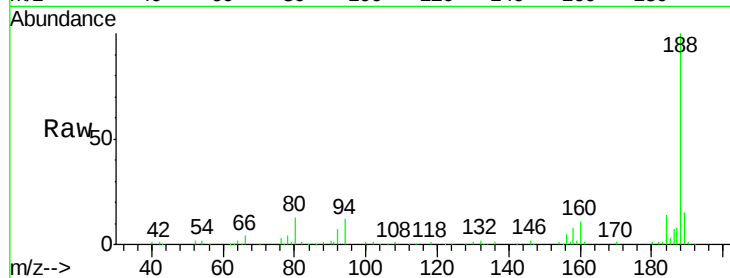




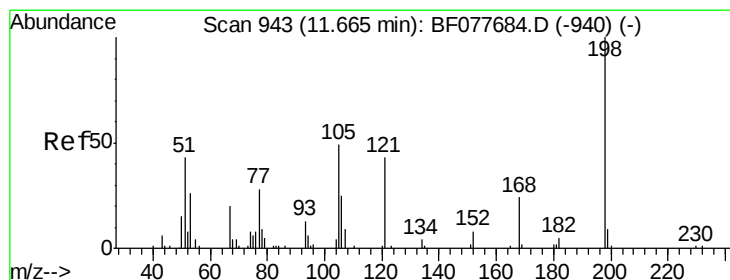
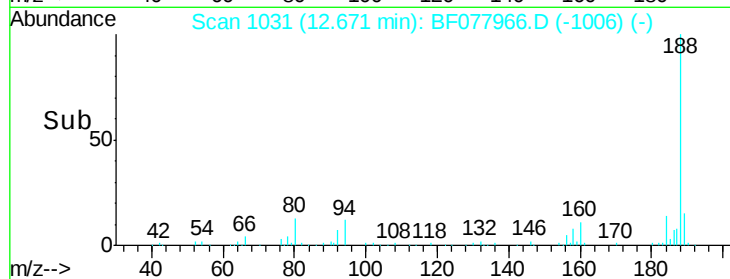
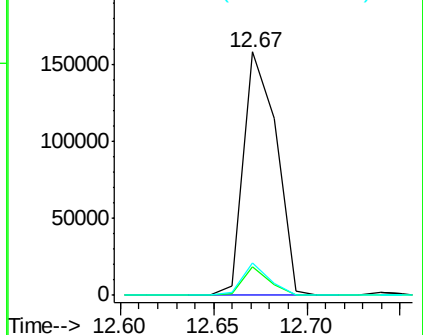
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 12.67 min Scan# 1031  
 Delta R.T. -0.01 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82320BSD

Tot Ion:188 Resp: 194378  
 Ion Ratio Lower Upper  
 188 100  
 94 11.6 8.7 13.1  
 80 13.3 9.3 13.9

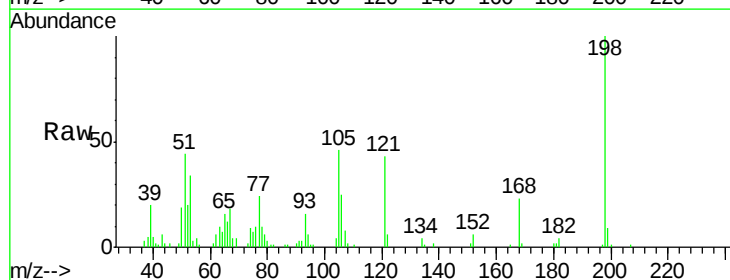


Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BF0  
 Ion 80.00 (79.70 to 80.70): BF0

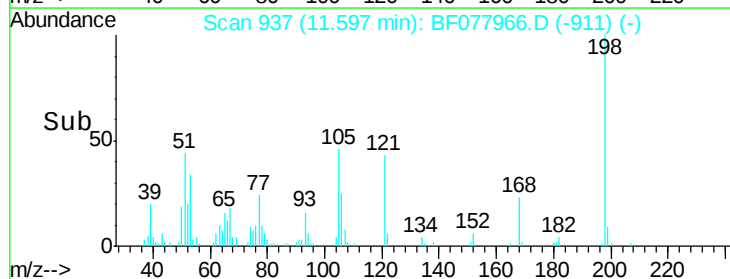
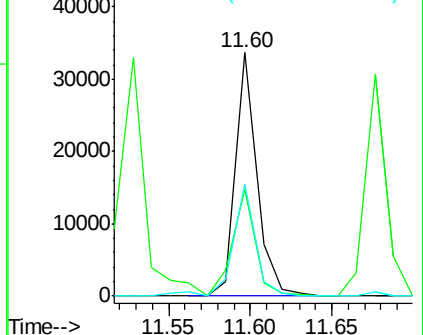


#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 34.42 ng  
 RT: 11.60 min Scan# 937  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

Tgt Ion:198 Resp: 30365  
 Ion Ratio Lower Upper  
 198 100  
 51 43.8 28.8 68.8  
 105 45.8 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF0  
 Ion 105.00 (104.70 to 105.70): E

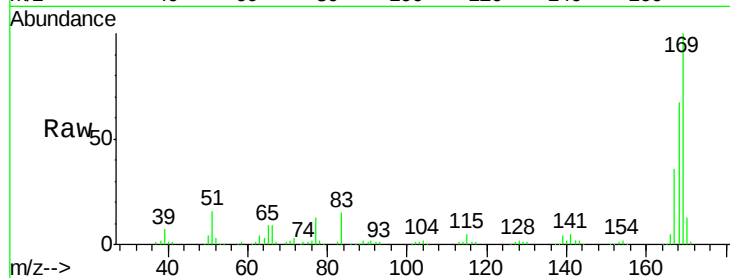




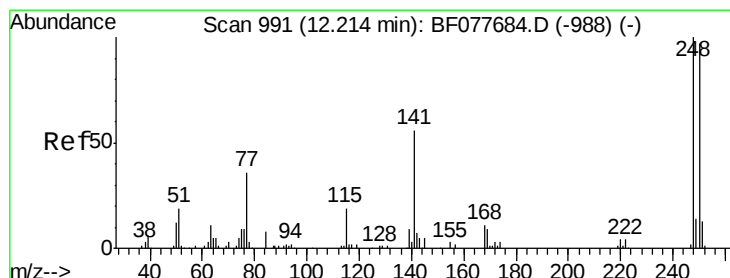
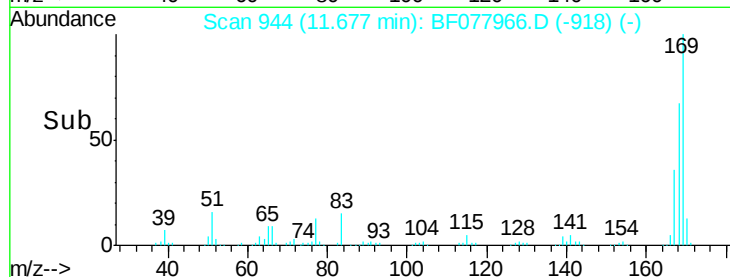
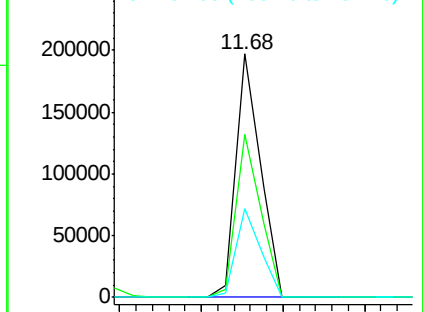
#65  
 n-Nitrosodiphenylamine  
 Concen: 31.40 ng  
 RT: 11.68 min Scan# 944  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82320BSD

Tot Ion:169 Resp: 203212  
 Ion Ratio Lower Upper  
 169 100  
 168 67.2 53.9 80.9  
 167 36.3 28.9 43.3

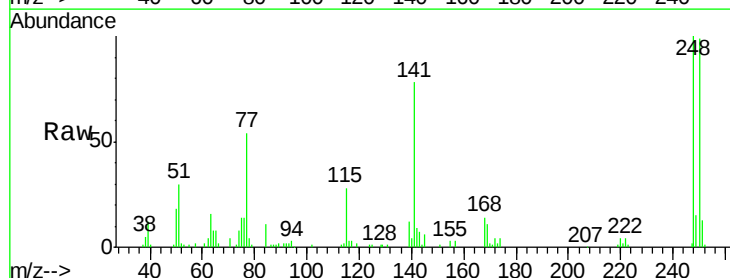


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

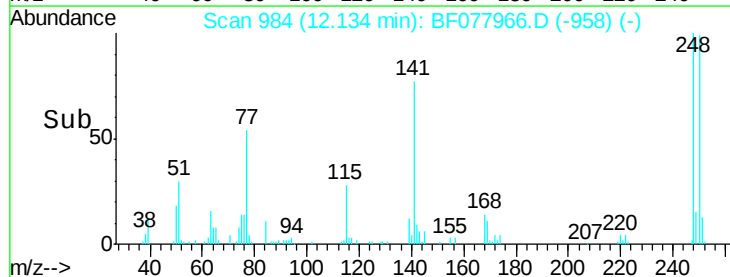
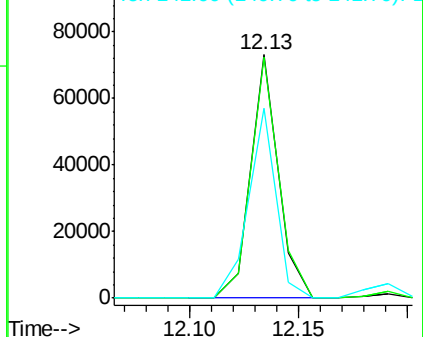


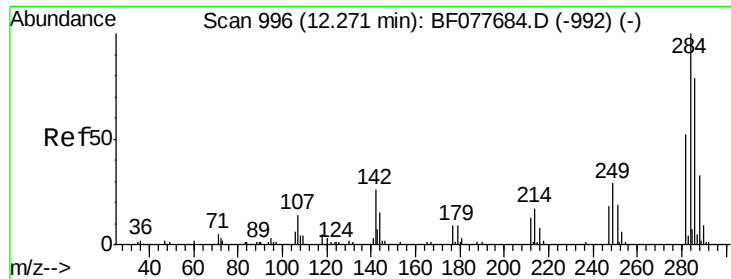
#66  
 4-Bromophenyl-phenylether  
 Concen: 31.26 ng  
 RT: 12.13 min Scan# 984  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

Tgt Ion:248 Resp: 64854  
 Ion Ratio Lower Upper  
 248 100  
 250 99.2 77.4 116.0  
 141 77.8 45.2 67.8#



Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

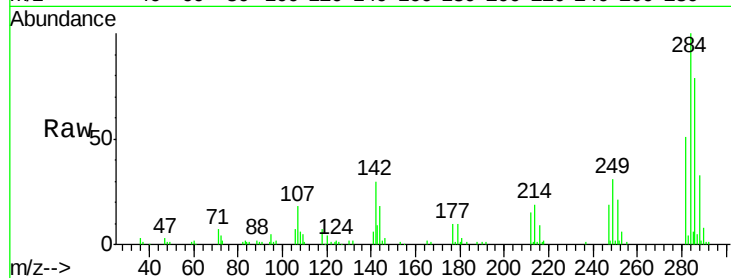




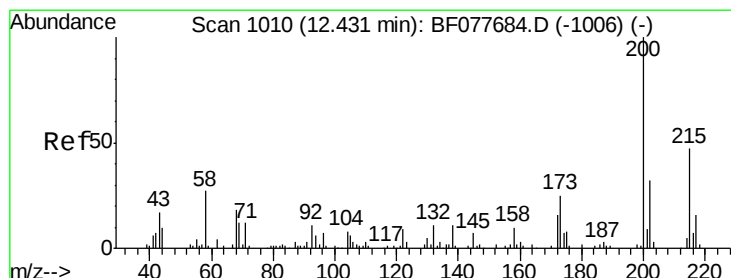
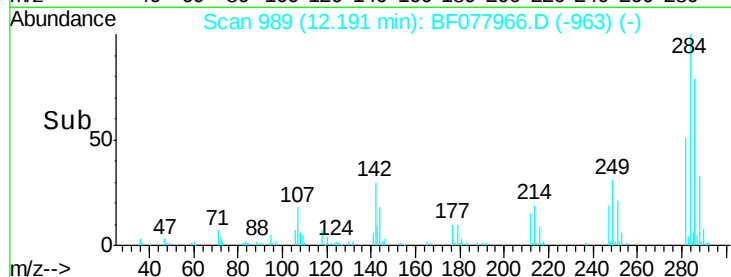
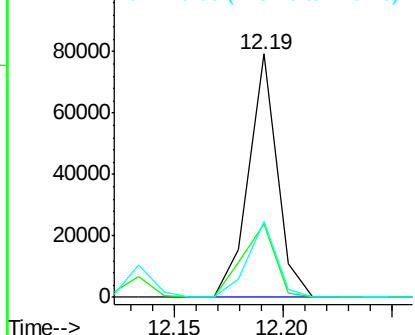
#67  
Hexachlorobenzene  
Concen: 31.84 ng  
RT: 12.19 min Scan# 989  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Instrument :  
BNA\_F  
ClientSampleId :  
PB82320BSD

Tot Ion:284 Resp: 72584  
Ion Ratio Lower Upper  
284 100  
142 30.3 20.4 30.6  
249 31.4 23.8 35.6

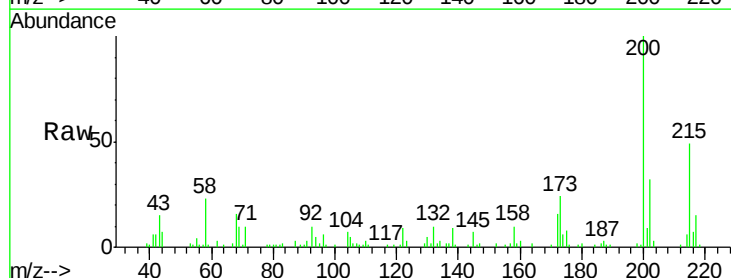


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

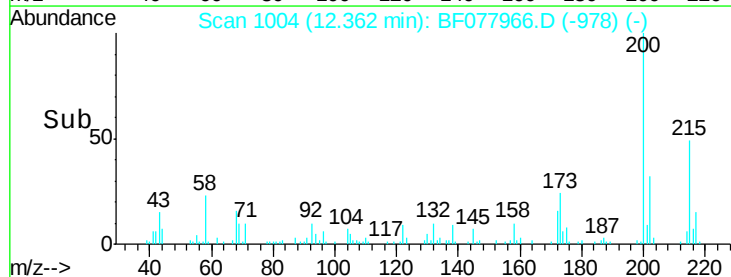
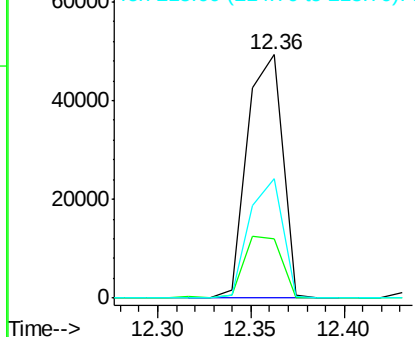


#68  
Atrazine  
Concen: 35.63 ng  
RT: 12.36 min Scan# 1004  
Delta R.T. 0.00 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Tgt Ion:200 Resp: 64633  
Ion Ratio Lower Upper  
200 100  
173 24.4 4.8 44.8  
215 48.9 26.9 66.9



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

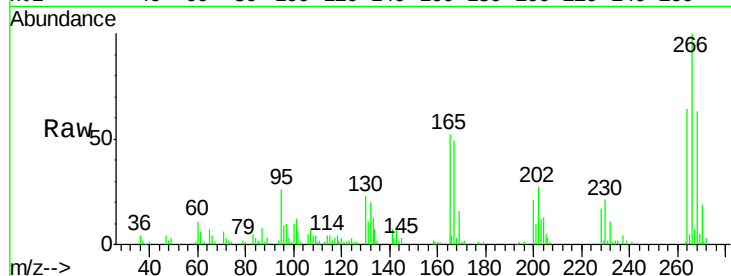




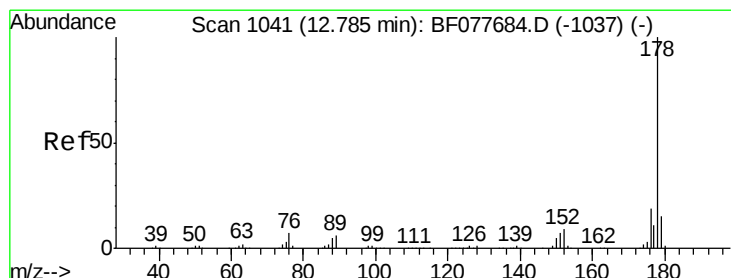
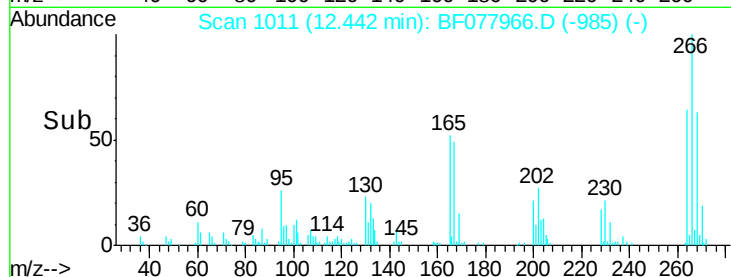
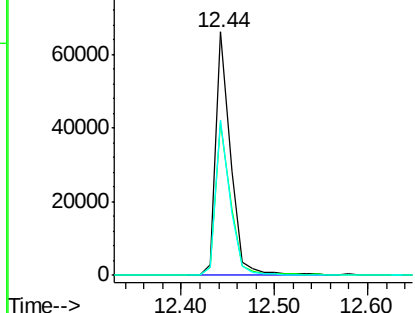
#69  
 Pentachlorophenol  
 Concen: 61.62 ng  
 RT: 12.44 min Scan# 1011  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82320BSD

Tot Ion:266 Resp: 72686  
 Ion Ratio Lower Upper  
 266 100  
 268 62.7 52.0 78.0  
 264 63.7 49.0 73.4

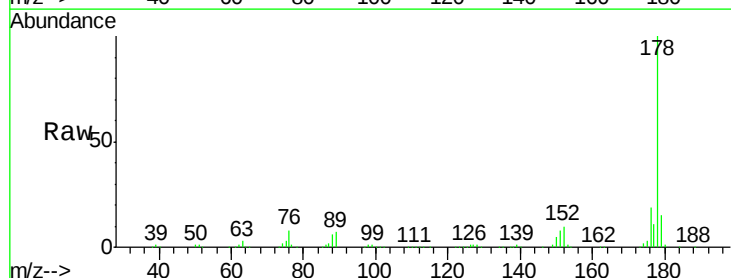


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

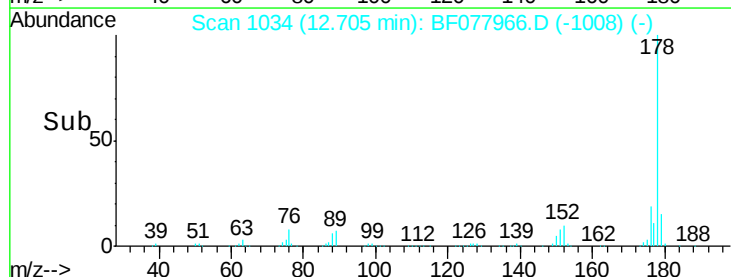
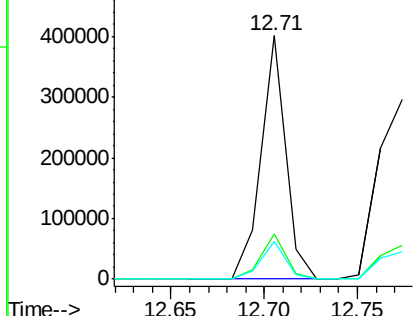


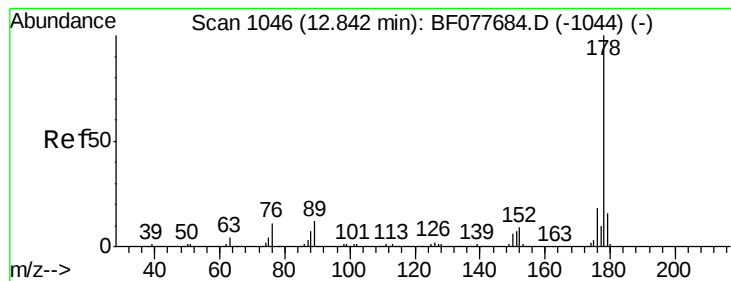
#70  
 Phenanthrene  
 Concen: 32.76 ng  
 RT: 12.71 min Scan# 1034  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

Tgt Ion:178 Resp: 365528  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 15.2 22.8  
 179 15.5 12.1 18.1



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: 33.07 ng

RT: 12.77 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

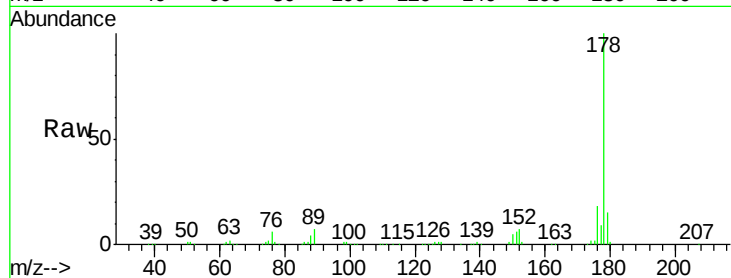
Tot Ion:178 Resp: 364536

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

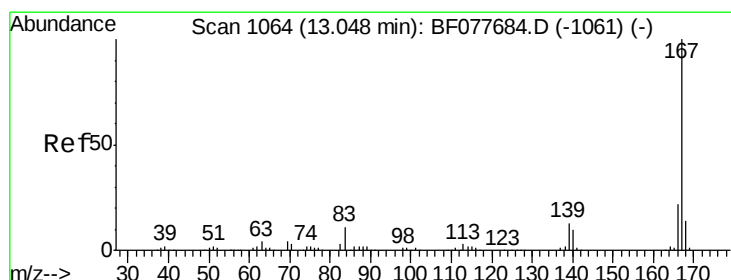
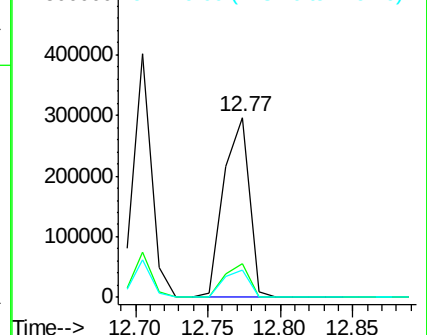
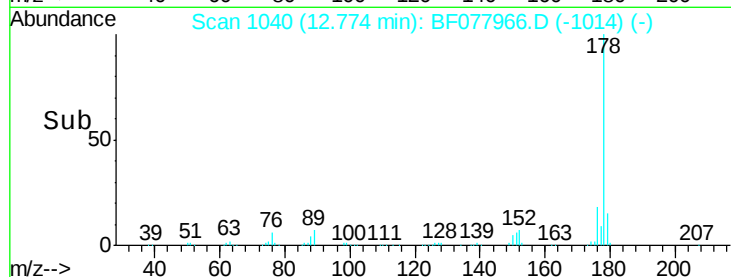
179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.24 ng

RT: 12.98 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

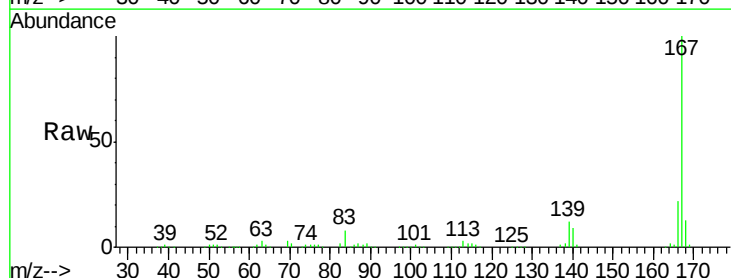
Tgt Ion:167 Resp: 359097

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

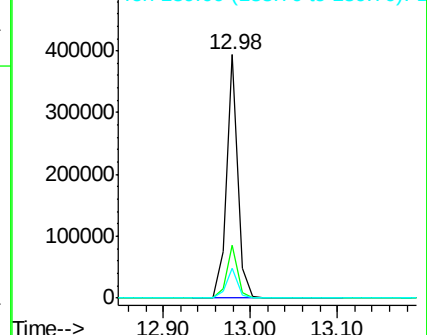
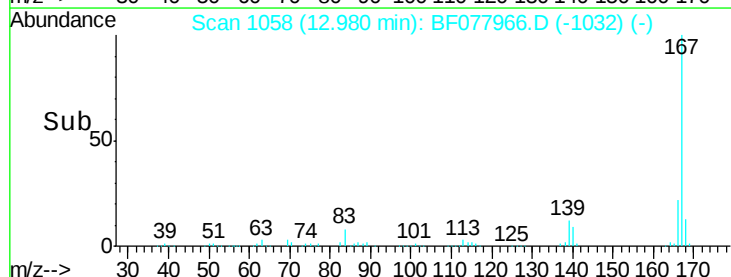
139 12.5 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.08 ng

RT: 13.44 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

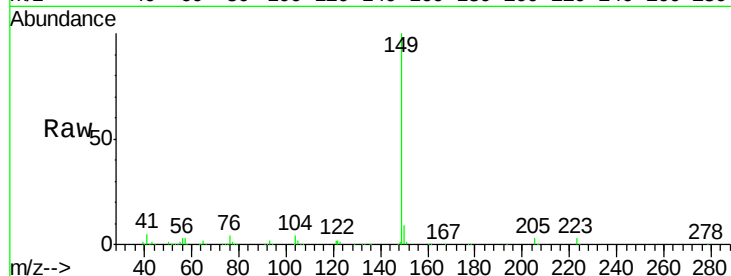
Tot Ion:149 Resp: 400719

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

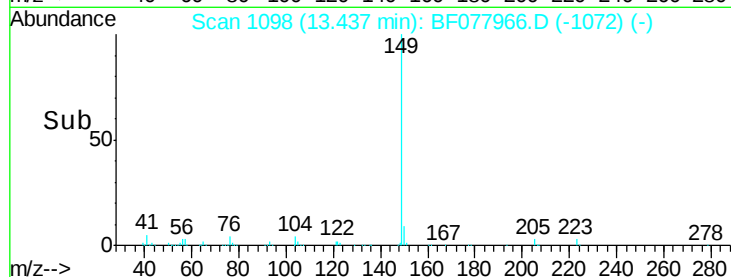
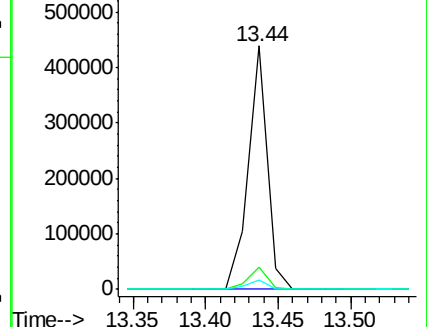
104 4.1 3.7 5.5



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: 32.69 ng

RT: 14.18 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

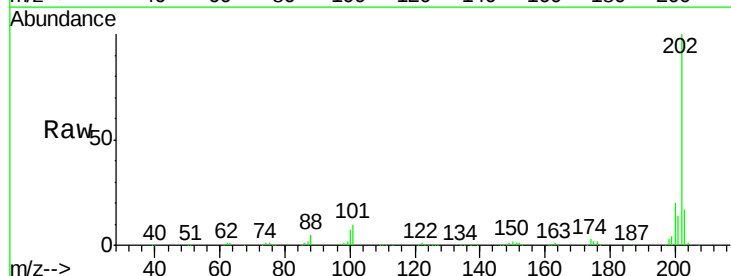
Tgt Ion:202 Resp: 402342

Ion Ratio Lower Upper

202 100

101 9.8 0.0 28.7

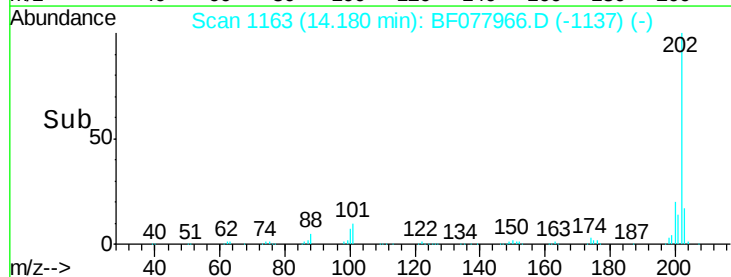
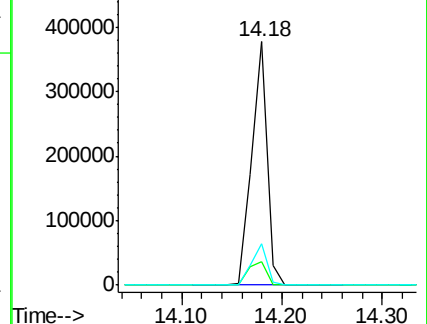
203 17.0 0.0 37.2

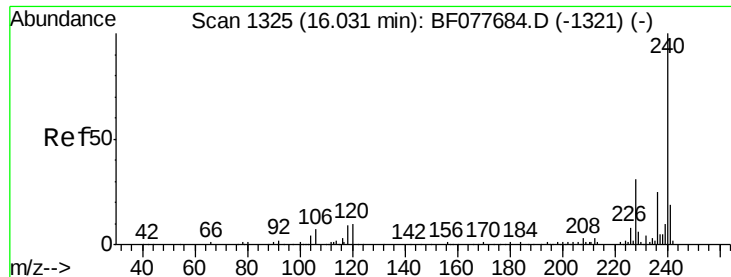


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

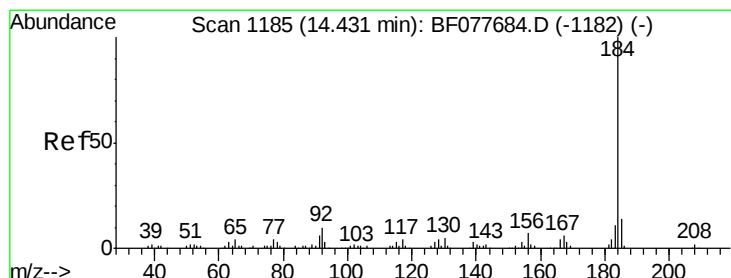
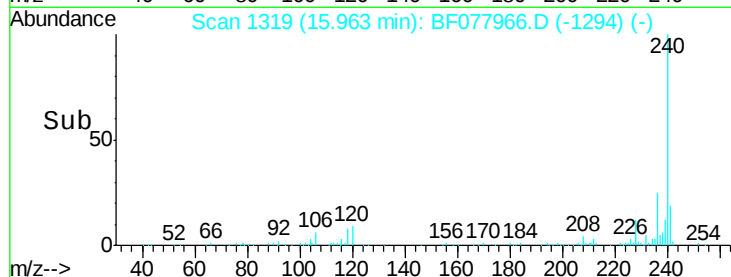
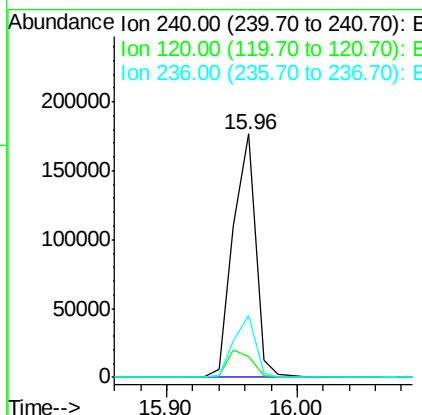
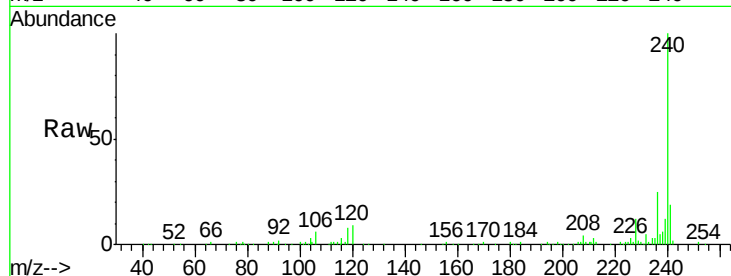




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 15.96 min Scan# 1319  
 Delta R.T. -0.01 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

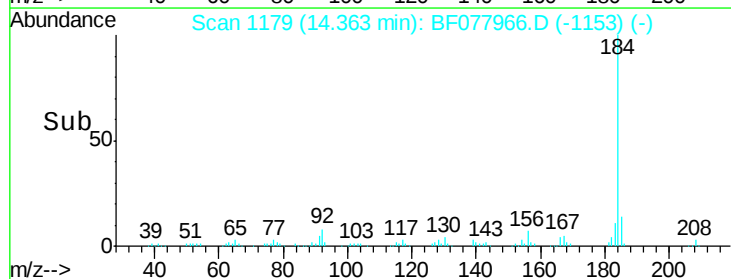
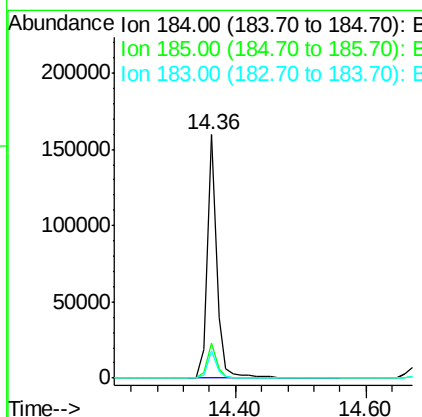
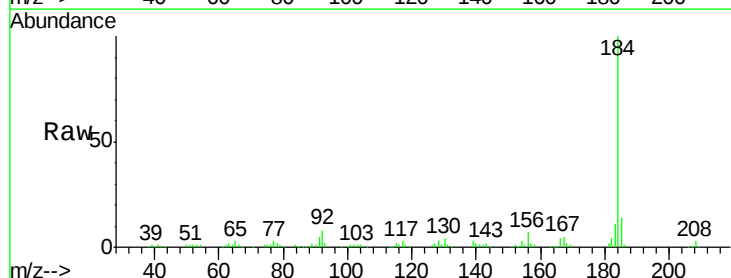
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82320BSD

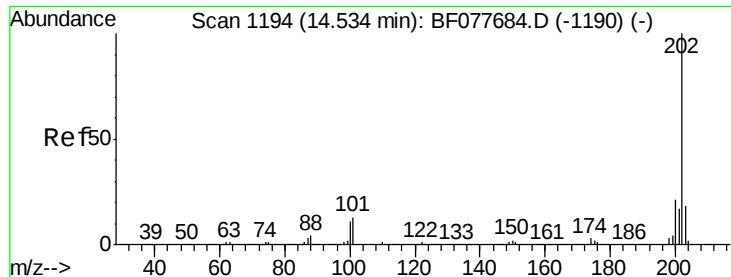
Tot Ion:240 Resp: 211475  
 Ion Ratio Lower Upper  
 240 100  
 120 8.7 8.2 12.2  
 236 25.2 20.0 30.0



#76  
 Benzidine  
 Concen: 30.87 ng  
 RT: 14.36 min Scan# 1179  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

Tgt Ion:184 Resp: 162054  
 Ion Ratio Lower Upper  
 184 100  
 185 14.3 11.3 16.9  
 183 11.3 8.9 13.3

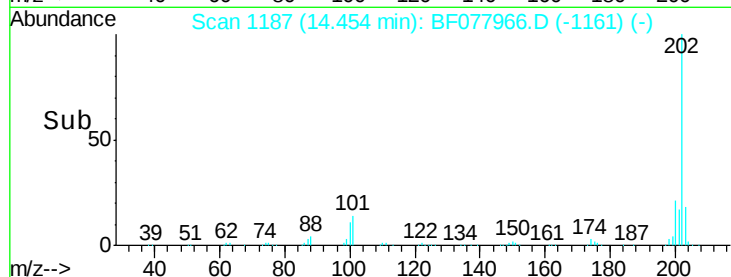
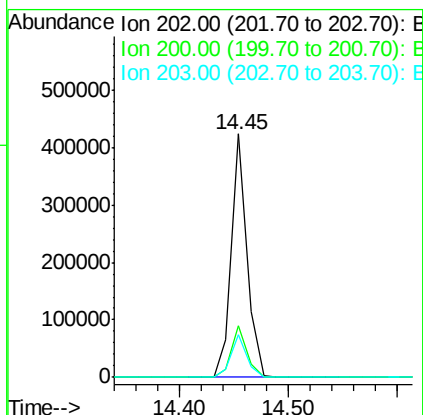
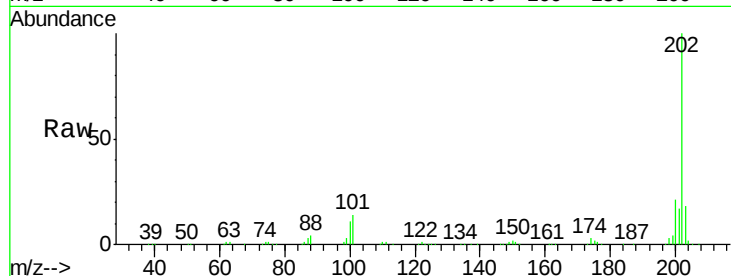




#77  
 Pvrene  
 Concen: 31.39 ng  
 RT: 14.45 min Scan# 1187  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

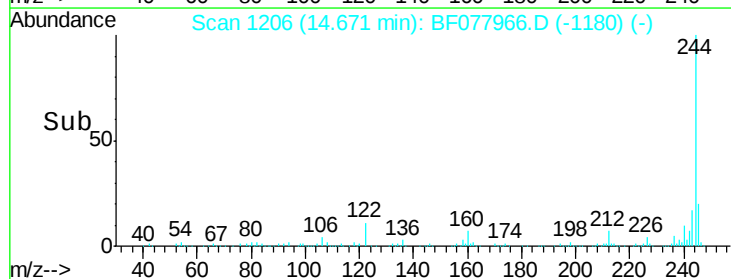
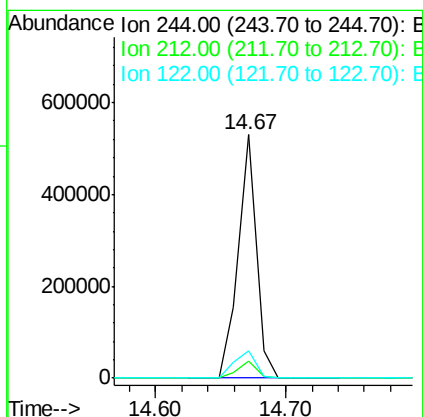
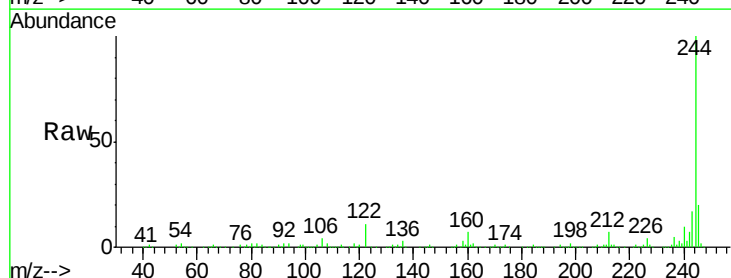
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82320BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.1  | 16.9  | 25.3  |
| 203     | 17.5  | 14.1  | 21.1  |



#78  
 Terphenyl-d14  
 Concen: 59.44 ng  
 RT: 14.67 min Scan# 1206  
 Delta R.T. 0.00 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.8   | 4.9   | 7.3   |
| 122     | 11.2  | 6.2   | 9.4   |

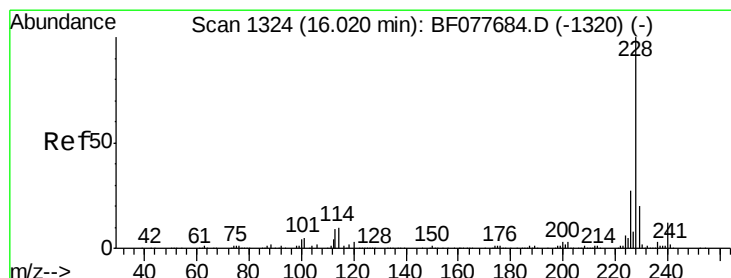
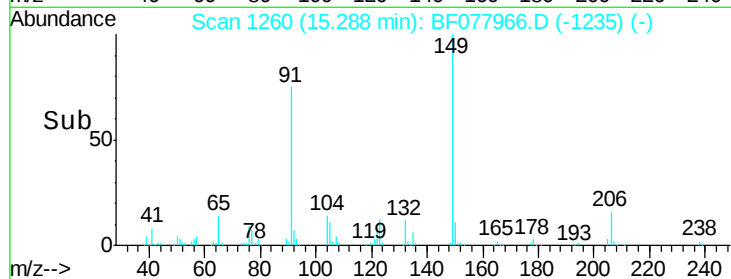
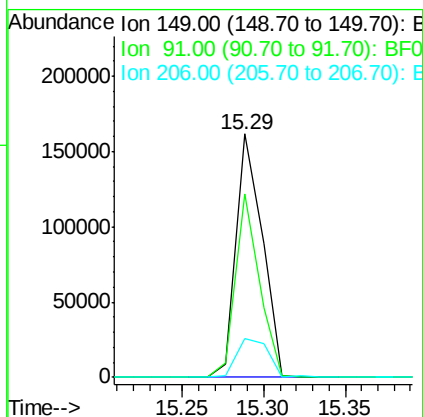
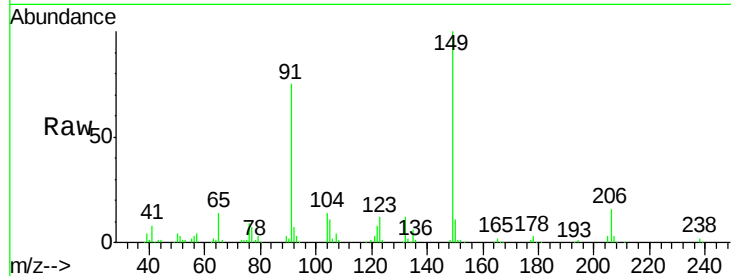




#79  
Butylbenzylphthalate  
Concen: 34.13 ng  
RT: 15.29 min Scan# 1260  
Delta R.T. -0.01 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

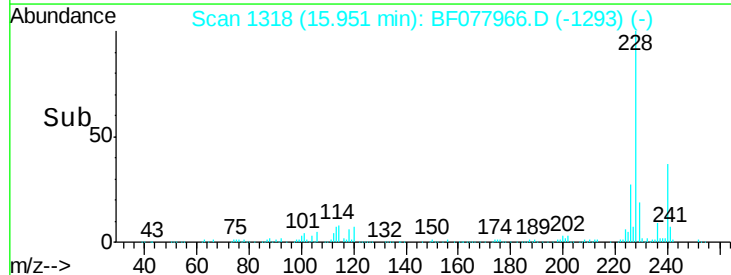
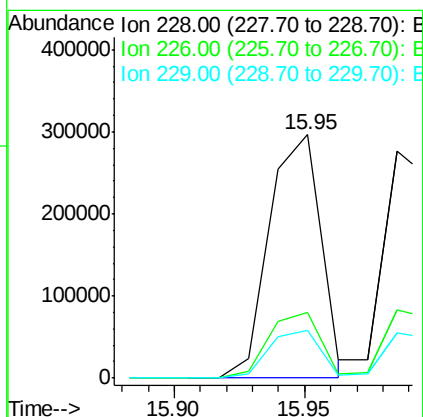
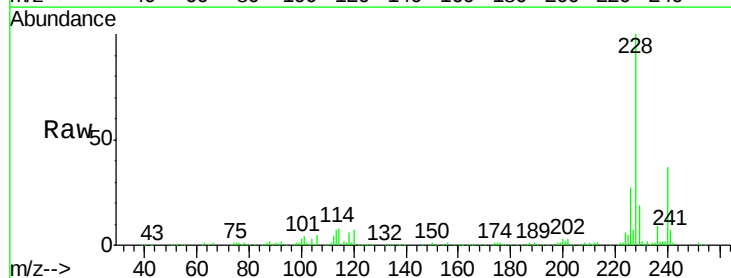
Instrument :  
BNA\_F  
ClientSampleId :  
PB82320BSD

Tot Ion:149 Resp: 178961  
Ion Ratio Lower Upper  
149 100  
91 75.1 50.1 75.1  
206 15.8 16.2 24.2#



#80  
Benzo(a)anthracene  
Concen: 32.63 ng  
RT: 15.95 min Scan# 1318  
Delta R.T. -0.01 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Tgt Ion:228 Resp: 409022  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.7 32.5  
229 19.4 16.0 24.0

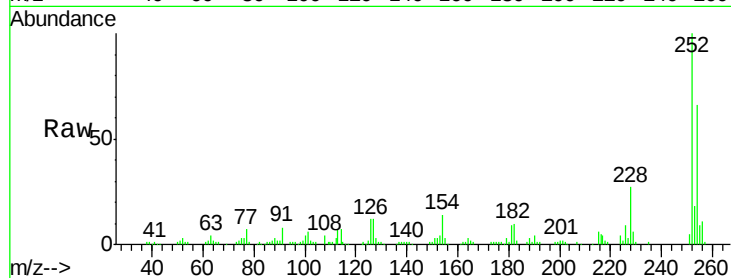




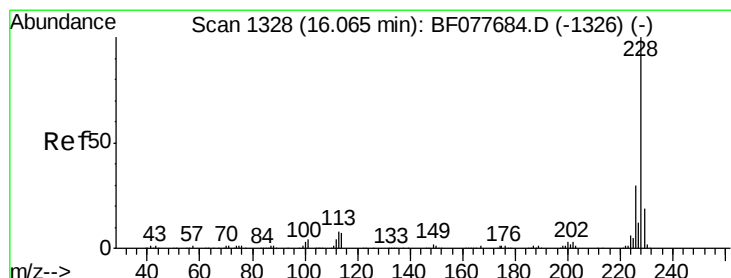
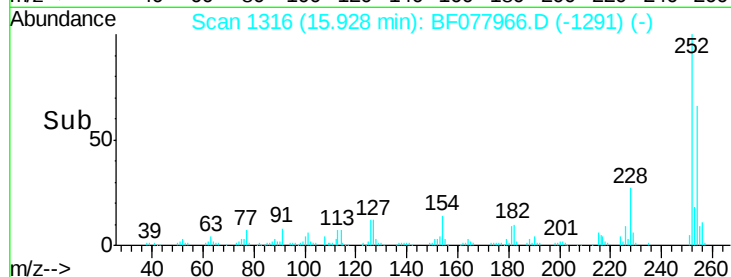
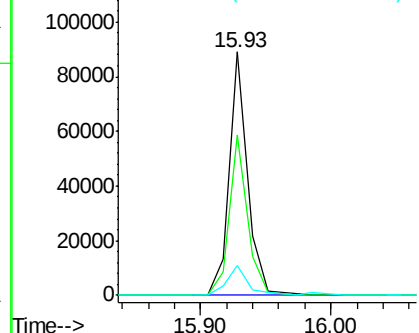
#81  
 3,3'-Dichlorobenzidine  
 Concen: 21.20 ng  
 RT: 15.93 min Scan# 1316  
 Delta R.T. -0.01 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82320BSD

Tot Ion:252 Resp: 87656  
 Ion Ratio Lower Upper  
 252 100  
 254 65.7 51.9 77.9  
 126 12.5 9.8 14.8

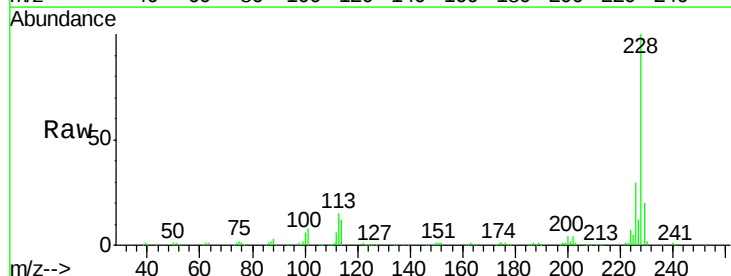


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

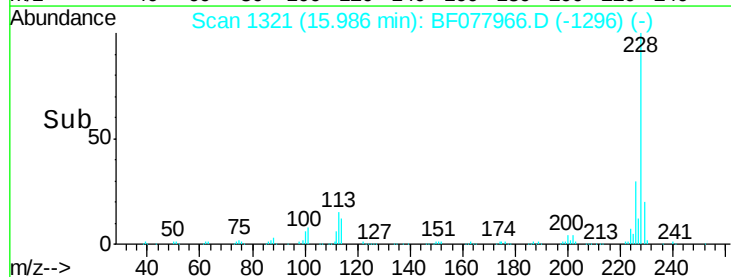
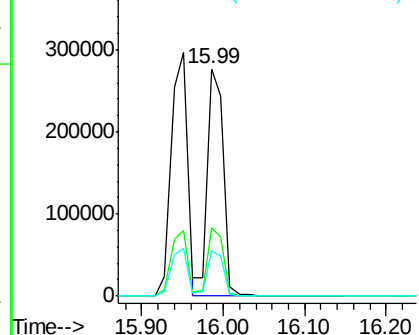


#82  
 Chrysene  
 Concen: 34.28 ng  
 RT: 15.99 min Scan# 1321  
 Delta R.T. -0.01 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

Tgt Ion:228 Resp: 386432  
 Ion Ratio Lower Upper  
 228 100  
 226 29.9 24.1 36.1  
 229 19.7 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

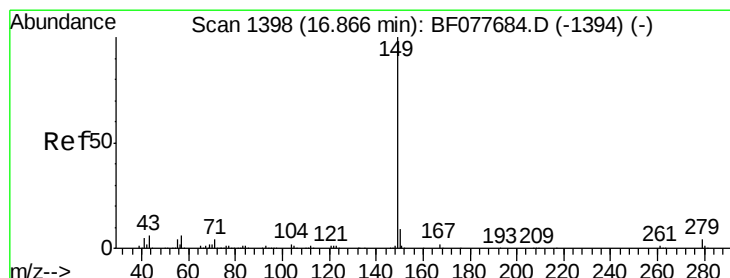
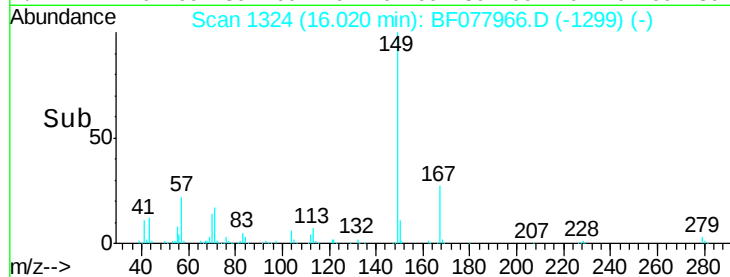
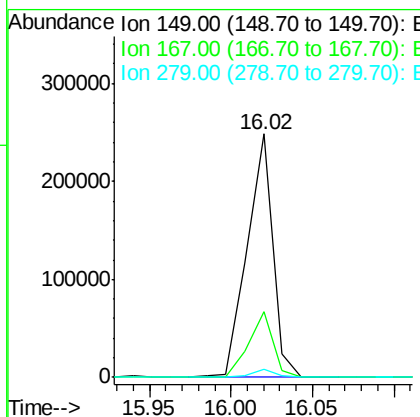
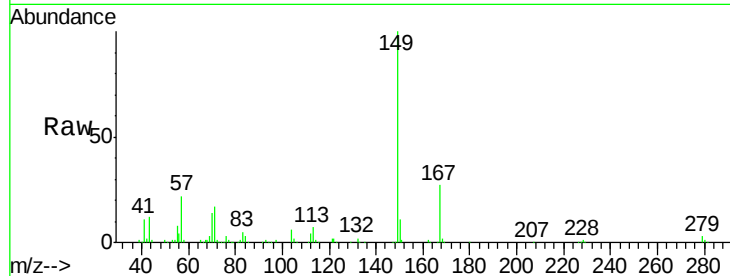




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 34.07 ng  
 RT: 16.02 min Scan# 1324  
 Delta R.T. -0.01 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

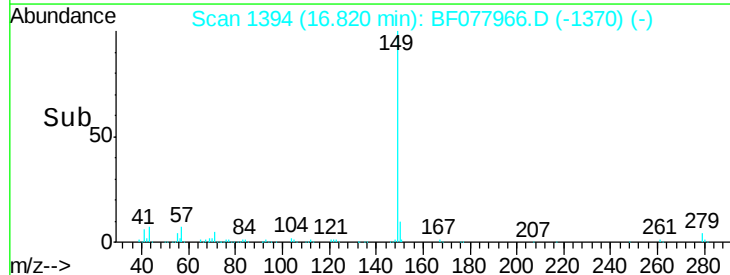
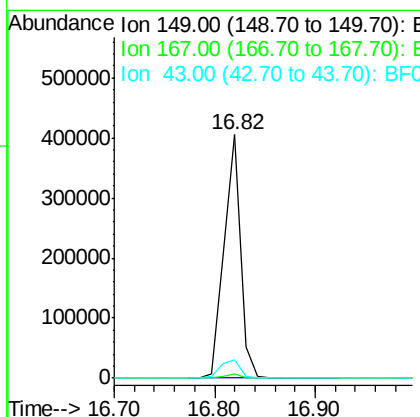
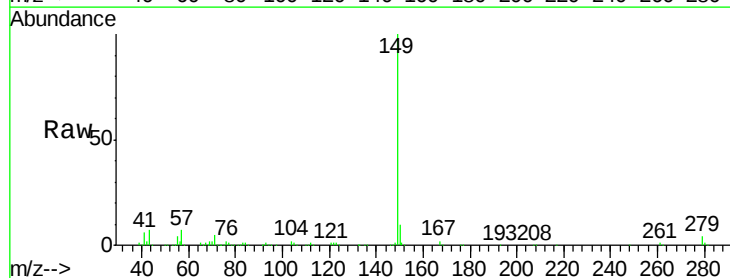
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82320BSD

Tot Ion:149 Resp: 270578  
 Ion Ratio Lower Upper  
 149 100  
 167 27.0 22.4 33.6  
 279 3.4 3.4 5.0



#84  
 Di-n-octyl phthalate  
 Concen: 34.00 ng  
 RT: 16.82 min Scan# 1394  
 Delta R.T. -0.02 min  
 Lab File: BF077966.D  
 Acq: 25 Mar 2015 22:16

Tgt Ion:149 Resp: 461744  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.2 1.8  
 43 8.7 7.3 10.9

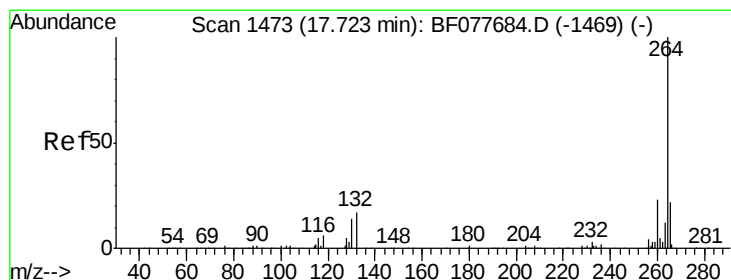
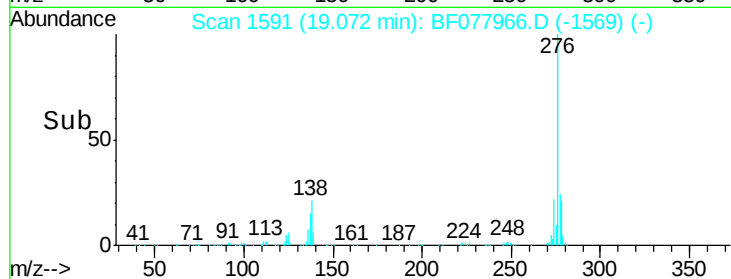
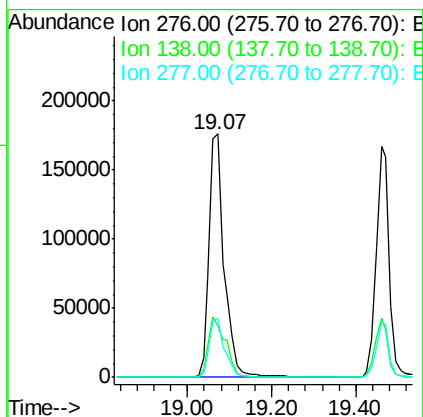
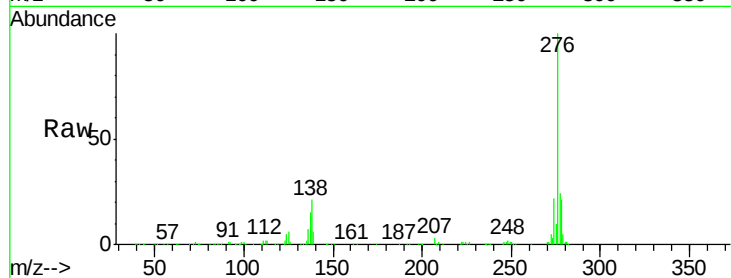




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 31.24 ng  
RT: 19.07 min Scan# 1591  
Delta R.T. -0.05 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

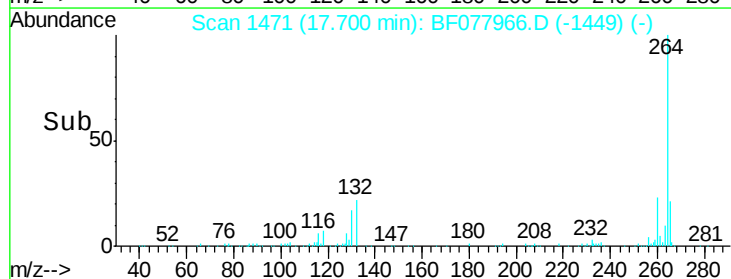
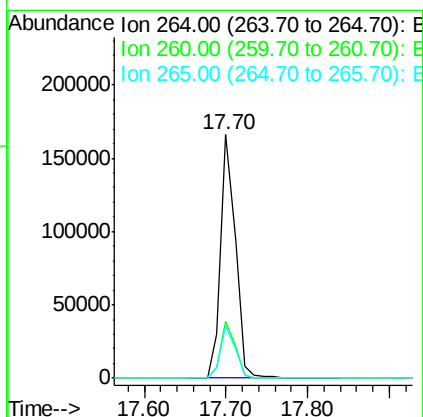
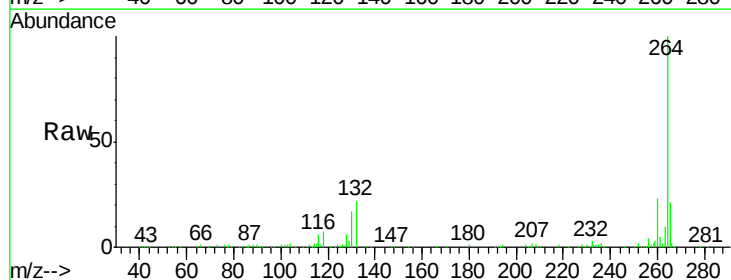
Instrument :  
BNA\_F  
ClientSampleId :  
PB82320BSD

Tot Ion:276 Resp: 439494  
Ion Ratio Lower Upper  
276 100  
138 28.9 0.0 0.0#  
277 24.4 0.0 0.0#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.70 min Scan# 1471  
Delta R.T. -0.05 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Tgt Ion:264 Resp: 209697  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.6 27.8  
265 21.1 17.3 25.9

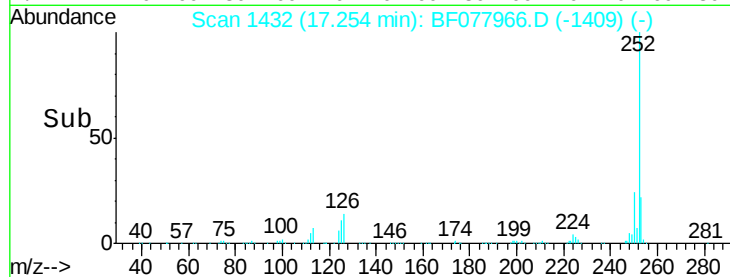
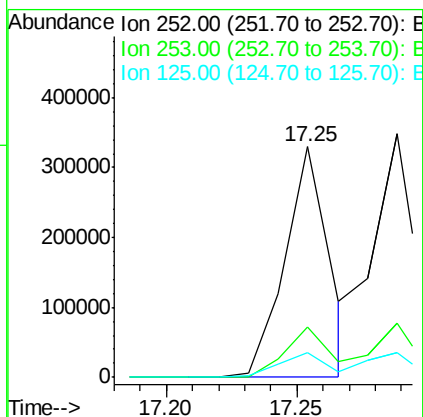
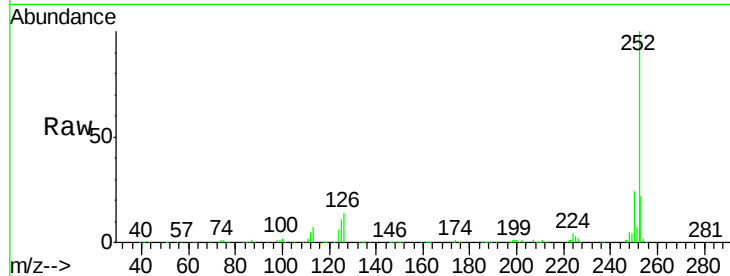




#87  
Benzo(b)fluoranthene  
Concen: 28.14 ng  
RT: 17.25 min Scan# 1432  
Delta R.T. -0.03 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

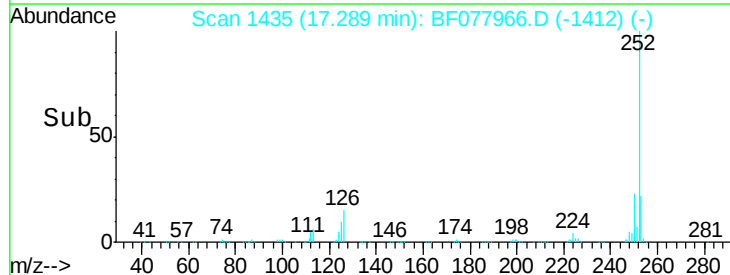
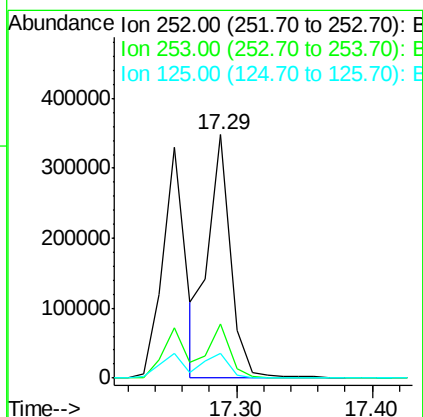
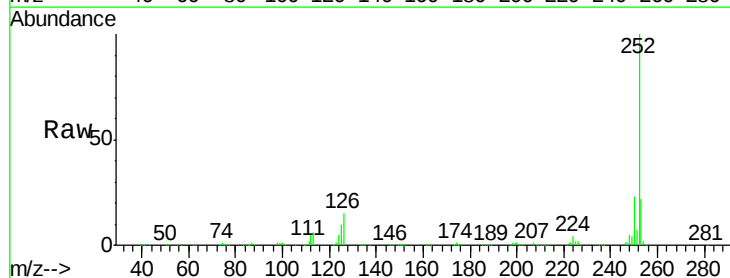
Instrument :  
BNA\_F  
ClientSampleId :  
PB82320BSD

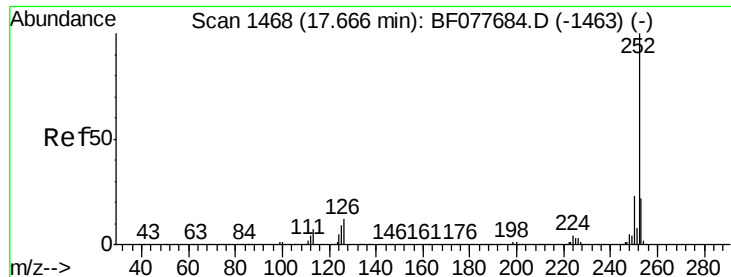
Tot Ion:252 Resp: 385261  
Ion Ratio Lower Upper  
252 100  
253 21.7 18.0 27.0  
125 10.5 9.9 14.9



#88  
Benzo(k)fluoranthene  
Concen: 37.11 ng m  
RT: 17.29 min Scan# 1435  
Delta R.T. -0.03 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Tgt Ion:252 Resp: 396831  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.2 25.8  
125 10.0 8.1 12.1

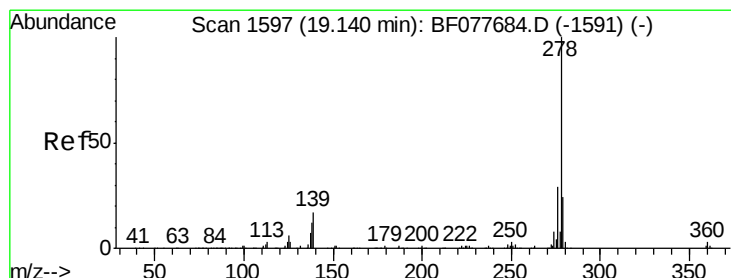
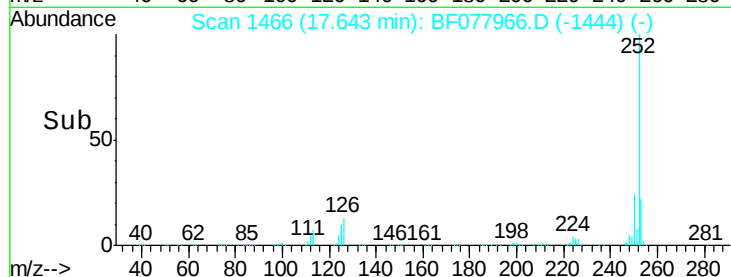
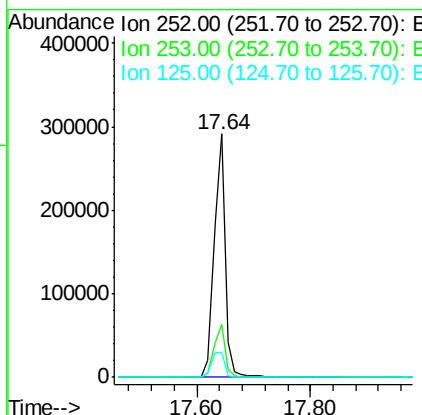
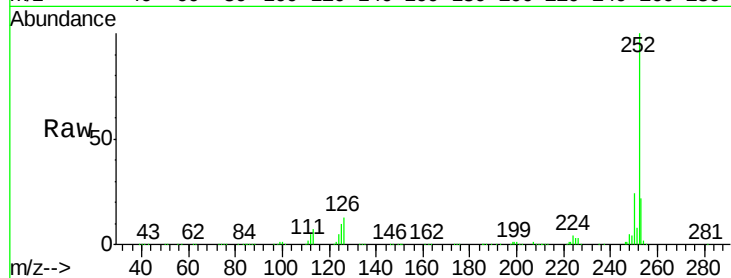




#89  
Benzo(a)pyrene  
Concen: 33.93 ng  
RT: 17.64 min Scan# 1466  
Delta R.T. -0.05 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

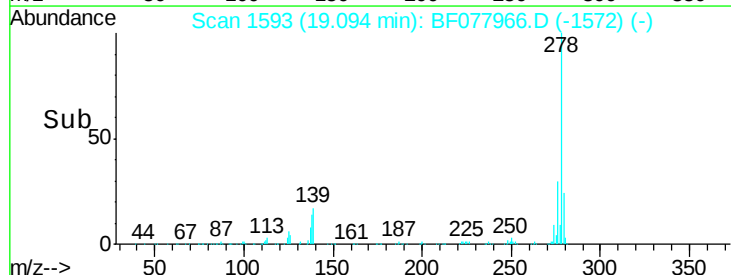
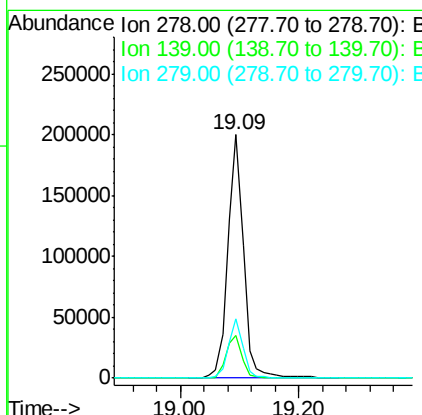
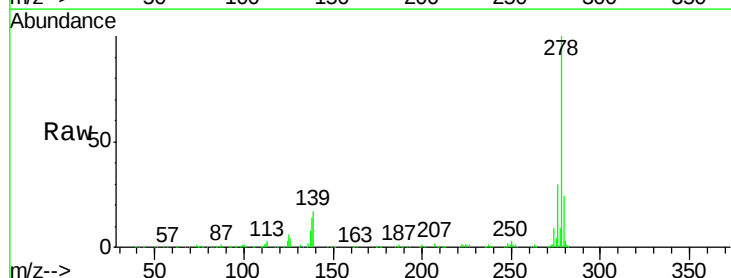
Instrument :  
BNA\_F  
ClientSampleId :  
PB82320BSD

Tot Ion:252 Resp: 387597  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.6 26.4  
125 10.2 7.4 11.2



#90  
Dibenzo(a,h)anthracene  
Concen: 32.39 ng  
RT: 19.09 min Scan# 1593  
Delta R.T. -0.06 min  
Lab File: BF077966.D  
Acq: 25 Mar 2015 22:16

Tgt Ion:278 Resp: 366976  
Ion Ratio Lower Upper  
278 100  
139 17.4 13.4 20.0  
279 24.3 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 31.95 ng

RT: 19.46 min Scan# 1625

Delta R.T. -0.06 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA\_F

ClientSampleId :

PB82320BSD

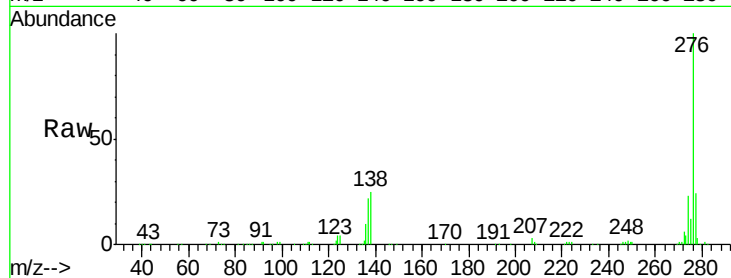
Tot Ion:276 Resp: 368484

Ion Ratio Lower Upper

276 100

277 24.2 18.5 27.7

138 25.4 19.0 28.6



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

