

Data Path : Z:\HPCHEM1\BNA F\Data\BF020315\  
 Data File : BF077166.D  
 Acq On : 3 Feb 2015 17:43  
 Operator : TP/IZ  
 Sample : G1198-01MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Feb 04 01:21:06 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 04 01:10:28 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 24249    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.59 | 136  | 102468   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.71 | 164  | 49211    | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.56 | 188  | 95221    | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.07 | 240  | 92819    | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 22.72 | 264  | 82140    | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 4.69  | 112 | 140236 | 95.08  | ng | 0.00 |
| 7) Phenol-d6             | 7.08  | 99  | 182969 | 98.34  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.99  | 82  | 114327 | 61.81  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.44 | 330 | 41660  | 104.29 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.24 | 172 | 223970 | 69.26  | ng | 0.00 |
| 78) Terphenyl-d14        | 19.81 | 244 | 240512 | 59.65  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.10  | 88  | 16778  | 26.57 | ng | 97     |
| 3) Pyridine                    | 1.56  | 79  | 41894  | 25.64 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 1.52  | 42  | 19412  | 23.98 | ng | 91     |
| 6) Aniline                     | 6.97  | 93  | 66072  | 25.66 | ng | 99     |
| 8) 2-Chlorophenol              | 7.21  | 128 | 54349  | 31.97 | ng | 96     |
| 9) Benzaldehyde                | 6.73  | 77  | 5358   | 3.85  | ng | # 71   |
| 10) Phenol                     | 7.12  | 94  | 63358  | 32.07 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 7.23  | 93  | 51892  | 33.57 | ng | # 77   |
| 12) 1,3-Dichlorobenzene        | 7.53  | 146 | 58886  | 30.44 | ng | 93     |
| 13) 1,4-Dichlorobenzene        | 7.72  | 146 | 60570  | 29.53 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 8.03  | 146 | 55928  | 29.59 | ng | 95     |
| 15) Benzyl Alcohol             | 8.13  | 79  | 46949  | 31.18 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.48  | 45  | 67286  | 32.38 | ng | 98     |
| 17) 2-Methylphenol             | 8.48  | 107 | 42021  | 30.24 | ng | # 91   |
| 18) Hexachloroethane           | 8.77  | 117 | 23613  | 33.10 | ng | 88     |
| 19) n-Nitroso-di-n-propylamine | 8.76  | 70  | 38017  | 29.19 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.86  | 107 | 46753  | 25.41 | ng | 98     |
| 22) Acetophenone               | 8.68  | 105 | 78826  | 31.41 | ng | 97     |
| 24) Nitrobenzene               | 9.04  | 77  | 55244  | 29.32 | ng | 96     |
| 25) Isophorone                 | 9.63  | 82  | 106255 | 31.54 | ng | 97     |
| 26) 2-Nitrophenol              | 9.78  | 139 | 26697  | 28.42 | ng | # 89   |
| 27) 2,4-Dimethylphenol         | 10.05 | 122 | 46641  | 32.01 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 63948  | 33.40 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.38 | 162 | 38931  | 28.67 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.50 | 180 | 47224  | 31.31 | ng | 98     |
| 31) Naphthalene                | 10.64 | 128 | 164701 | 31.22 | ng | 99     |
| 32) Benzoic acid               | 10.44 | 122 | 6149   | 7.62  | ng | 96     |
| 33) 4-Chloroaniline            | 10.90 | 127 | 56615  | 26.56 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.00 | 225 | 28096  | 31.39 | ng | 97     |
| 35) Caprolactam                | 11.71 | 113 | 10208  | 25.53 | ng | # 81   |
| 36) 4-Chloro-3-methylphenol    | 12.20 | 107 | 46664  | 30.01 | ng | 93     |
| 37) 2-Methylnaphthalene        | 12.29 | 142 | 109922 | 30.51 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.69 | 216 | 45556  | 37.44 | ng | 94     |
| 40) Hexachlorocyclopentadiene  | 12.68 | 237 | 42350  | 65.54 | ng | 98     |

Data Path : Z:\HPCHEM1\BNA F\Data\BF020315\  
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 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 04 01:10:28 2015  
 Response via : Initial Calibration

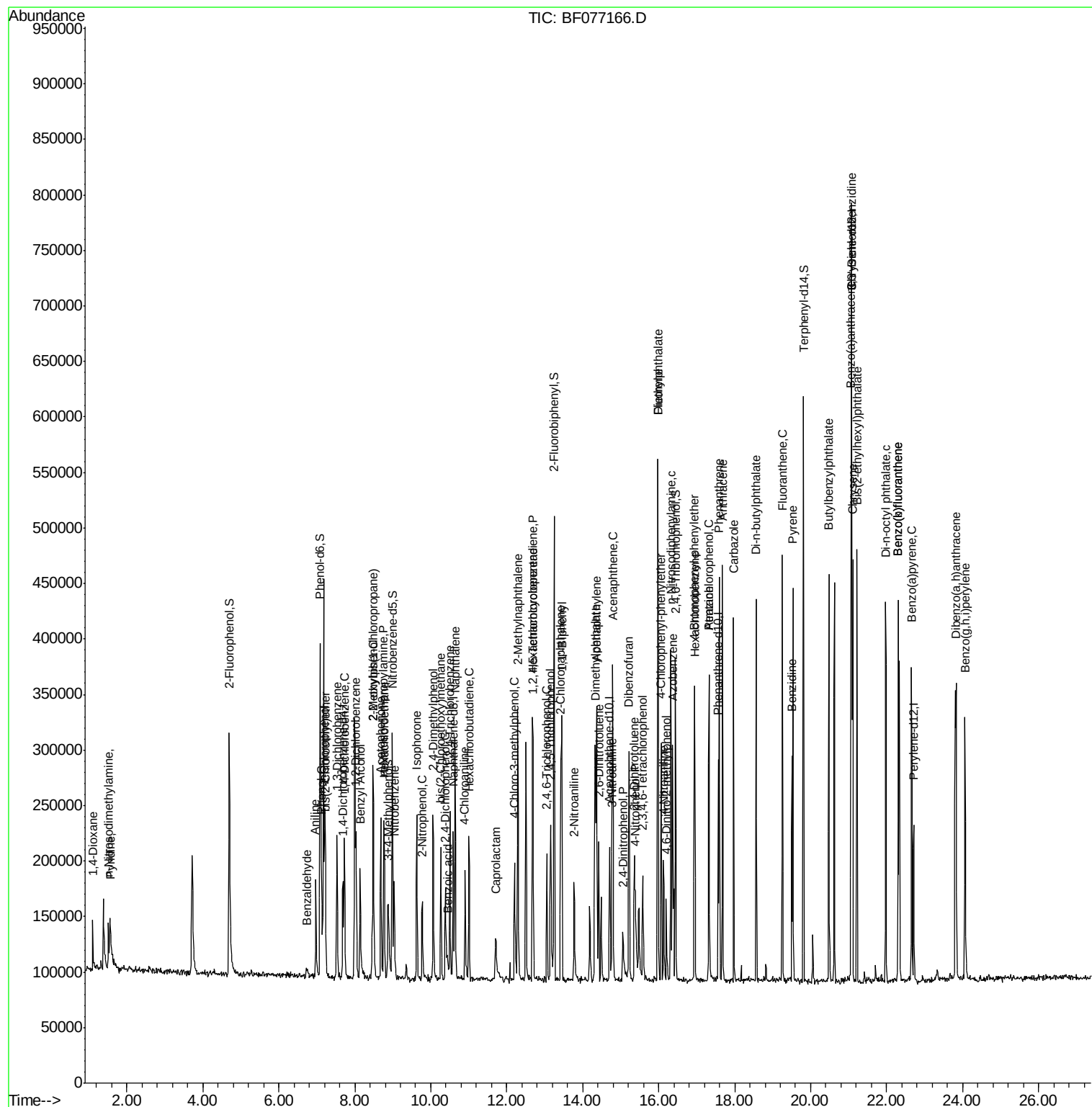
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| -----                          |       |      |          |       |       |          |
| 42) 2,4,6-Trichlorophenol      | 13.05 | 196  | 28092    | 31.69 | nq    | 86       |
| 43) 2,4,5-Trichlorophenol      | 13.15 | 196  | 25503    | 28.21 | nq    | # 88     |
| 45) 1,1'-Biphenyl              | 13.45 | 154  | 132682   | 36.37 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.41 | 162  | 106088   | 35.34 | nq    | 99       |
| 47) 2-Nitroaniline             | 13.77 | 65   | 31051    | 34.09 | nq    | 96       |
| 48) Acenaphthylene             | 14.36 | 152  | 173782   | 34.32 | nq    | 98       |
| 49) Dimethylphthalate          | 14.33 | 163  | 154216   | 44.19 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.42 | 165  | 26220    | 37.60 | nq    | 95       |
| 51) Acenaphthene               | 14.79 | 154  | 97462    | 33.92 | nq    | 98       |
| 52) 3-Nitroaniline             | 14.76 | 138  | 27130    | 30.48 | nq    | # 77     |
| 53) 2,4-Dinitrophenol          | 15.06 | 184  | 11875    | 42.71 | nq    | 93       |
| 54) Dibenzofuran               | 15.21 | 168  | 147534   | 35.25 | nq    | 94       |
| 55) 4-Nitrophenol              | 15.38 | 139  | 23249    | 42.50 | nq    | 94       |
| 56) 2,4-Dinitrotoluene         | 15.36 | 165  | 37537    | 36.44 | nq    | 95       |
| 57) Fluorene                   | 15.97 | 166  | 123380   | 34.79 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.57 | 232  | 18861    | 28.65 | nq    | 91       |
| 59) Diethylphthalate           | 15.97 | 149  | 135118   | 38.31 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 16.07 | 204  | 53724    | 37.03 | nq    | 98       |
| 61) 4-Nitroaniline             | 16.12 | 138  | 27513    | 31.80 | nq    | 93       |
| 62) Azobenzene                 | 16.36 | 77   | 160173   | 43.58 | nq    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 16.20 | 198  | 15178    | 26.40 | nq    | # 65     |
| 65) n-Nitrosodiphenylamine     | 16.32 | 169  | 106739   | 31.44 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.93 | 248  | 31219    | 32.36 | nq    | 93       |
| 67) Hexachlorobenzene          | 16.95 | 284  | 33195    | 32.65 | nq    | 95       |
| 68) Atrazine                   | 17.32 | 200  | 35745    | 34.69 | nq    | 94       |
| 69) Pentachlorophenol          | 17.32 | 266  | 17298    | 40.80 | nq    | 97       |
| 70) Phenanthrene               | 17.60 | 178  | 182902   | 30.80 | nq    | 99       |
| 71) Anthracene                 | 17.68 | 178  | 179437   | 30.99 | nq    | 97       |
| 72) Carbazole                  | 17.97 | 167  | 177459   | 31.60 | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.57 | 149  | 222255   | 34.19 | nq    | 99       |
| 74) Fluoranthene               | 19.25 | 202  | 189215   | 31.10 | nq    | 98       |
| 76) Benzidine                  | 19.51 | 184  | 119390   | 40.20 | nq    | 99       |
| 77) Pyrene                     | 19.54 | 202  | 204084   | 32.08 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.48 | 149  | 100825   | 35.00 | nq    | 95       |
| 80) Benzo(a)anthracene         | 21.06 | 228  | 181035   | 31.09 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.07 | 252  | 58844    | 31.80 | nq    | 99       |
| 82) Chrysene                   | 21.11 | 228  | 170142   | 32.04 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.22 | 149  | 150567   | 37.77 | nq    | 96       |
| 84) Di-n-octyl phthalate       | 21.97 | 149  | 257448   | 37.21 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 22.31 | 252  | 327914   | 59.27 | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 22.31 | 252  | 334551   | 69.22 | nq    | 99       |
| 89) Benzo(a)pyrene             | 22.65 | 252  | 159736   | 32.73 | nq    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 23.83 | 278  | 140126   | 31.30 | nq    | 97       |
| 91) Benzo(q,h,i)perylene       | 24.07 | 276  | 142835   | 32.09 | nq    | # 92     |
| -----                          |       |      |          |       |       |          |

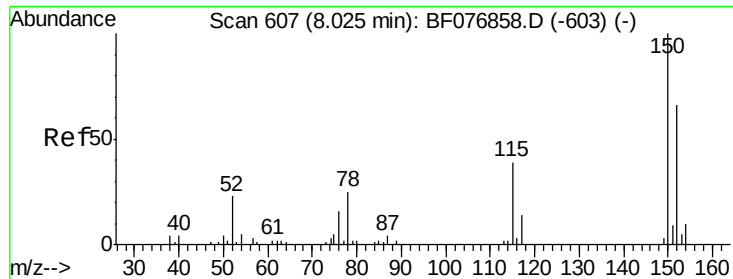
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF020315\  
Data File : BF077166.D  
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Sample : G1198-01MSD  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :

Quant Time: Feb 04 01:21:06 2015  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 04 01:10:28 2015  
Response via : Initial Calibration



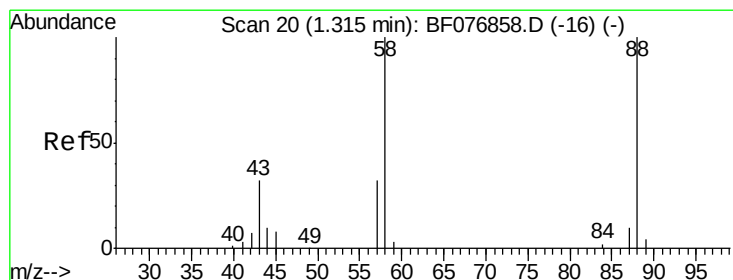
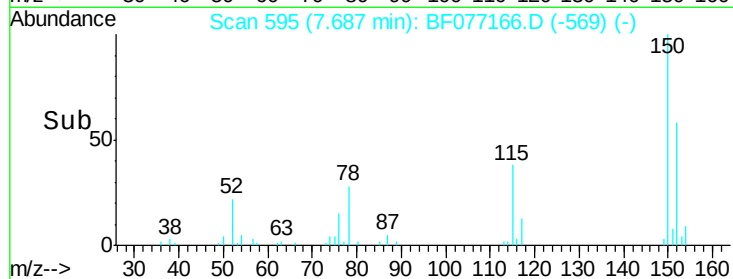
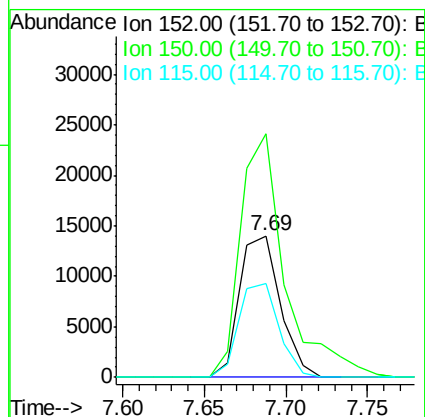
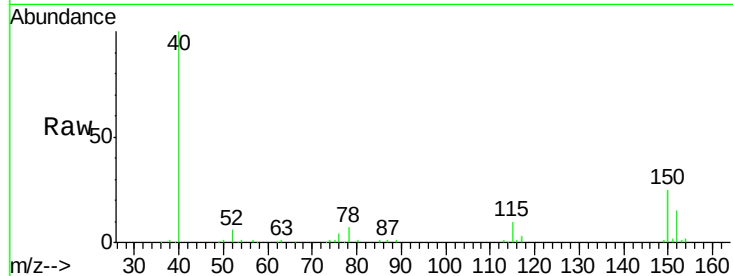


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.69 min Scan# 595  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :

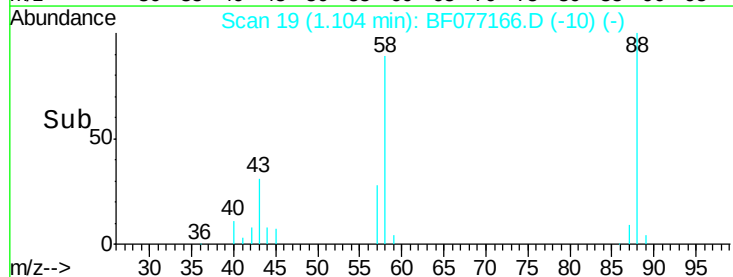
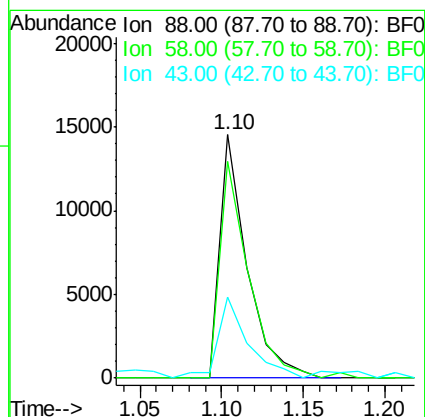
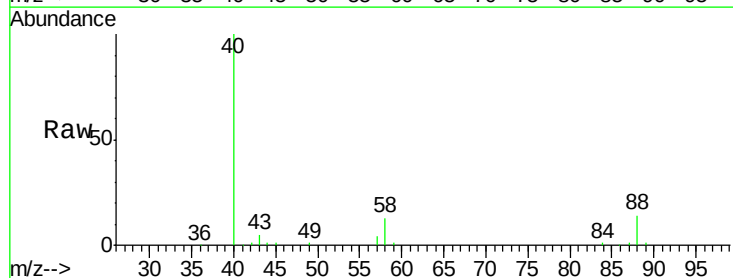
Tot Ion:152 Resp: 24249  
Ion Ratio Lower Upper  
152 100  
150 172.0 121.7 182.5  
115 65.9 47.0 70.6

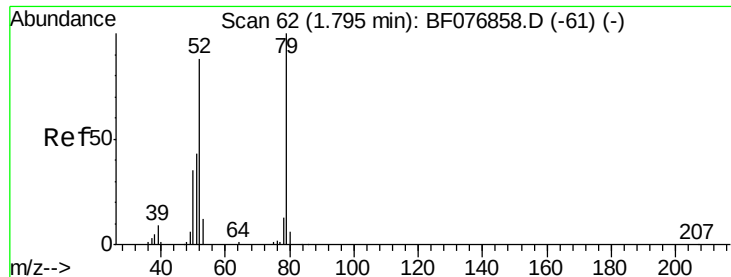


#2

1,4-Dioxane  
Concen: 26.57 ng  
RT: 1.10 min Scan# 19  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion: 88 Resp: 16778  
Ion Ratio Lower Upper  
88 100  
58 94.6 77.0 115.4  
43 36.8 25.6 38.4





#3

Pvridine

Concen: 25.64 ng

RT: 1.56 min Scan# 59

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

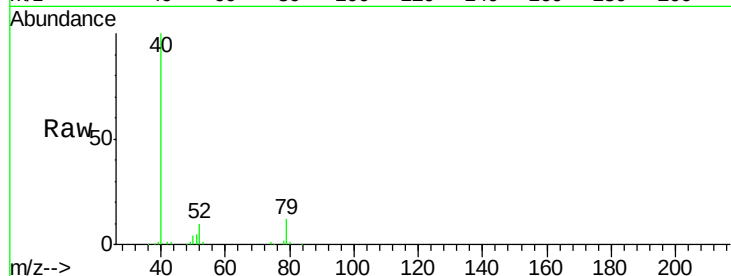
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 79 Resp: 41894

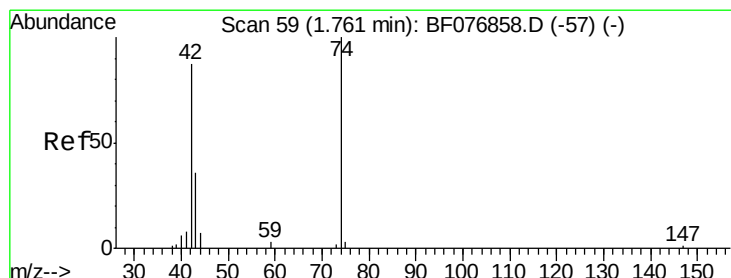
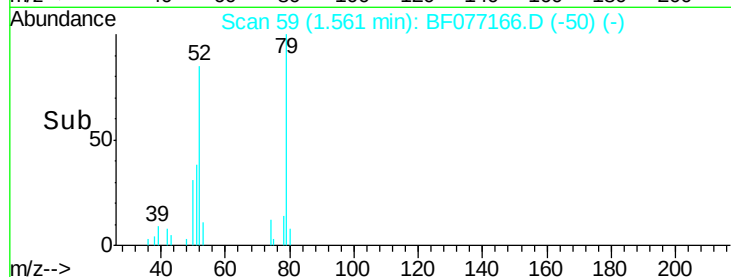
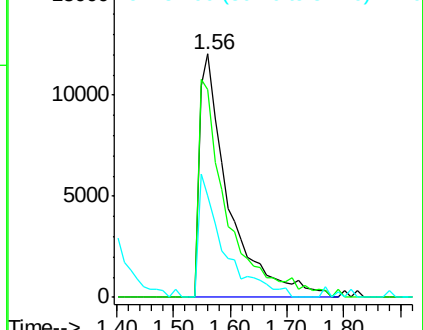
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 85.2  | 70.1  | 105.1 |
| 51  | 41.8  | 35.1  | 52.7  |



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: 23.98 ng

RT: 1.52 min Scan# 55

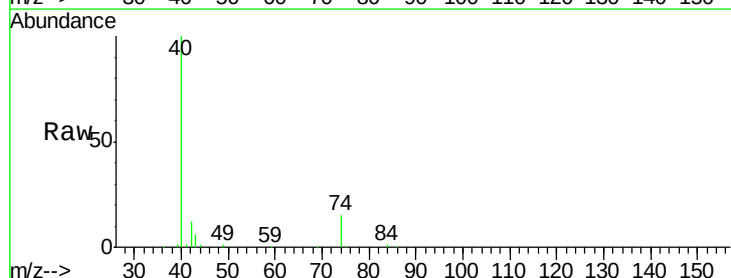
Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

Tgt Ion: 42 Resp: 19412

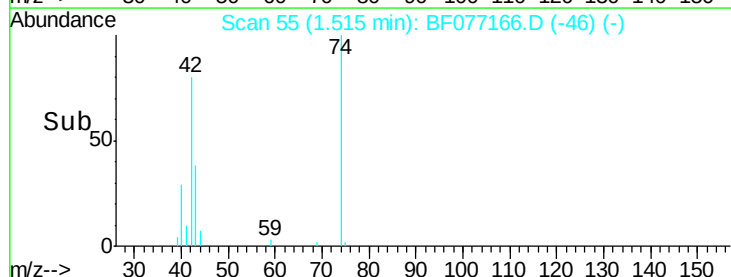
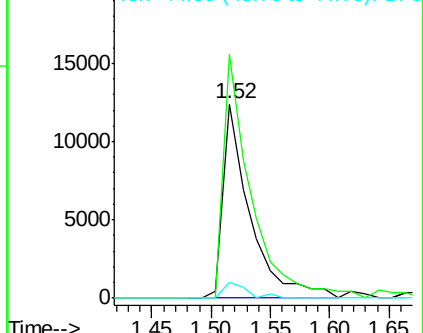
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 125.6 | 92.4  | 138.6 |
| 44  | 8.4   | 6.2   | 9.2   |

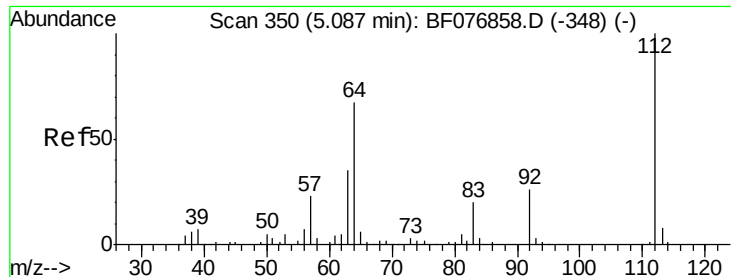


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 95.08 ng

RT: 4.69 min Scan# 333

Delta R.T. -0.00 min

Lab File: BF077166.D

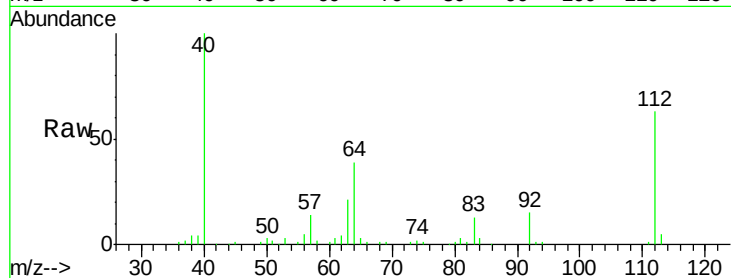
Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampleId :

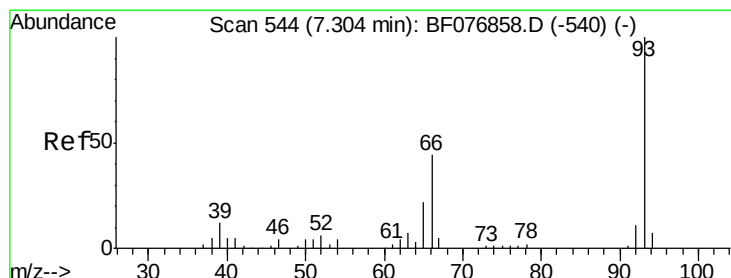
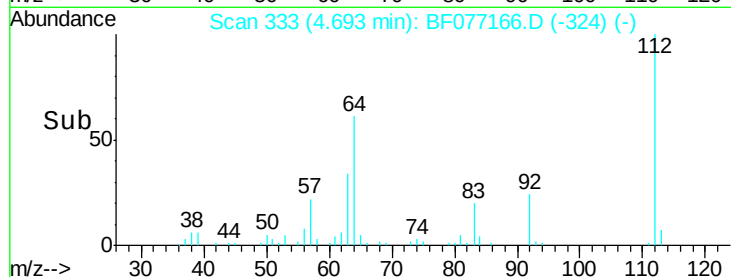
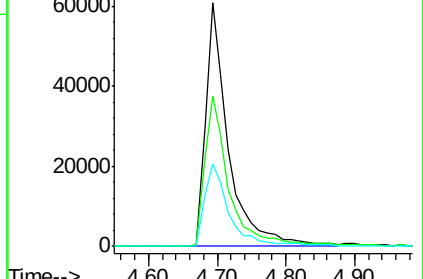
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 140236 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 61.5  | 54.2  | 81.4   |
| 63       | 34.0  | 28.4  | 42.6   |



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: 25.66 ng

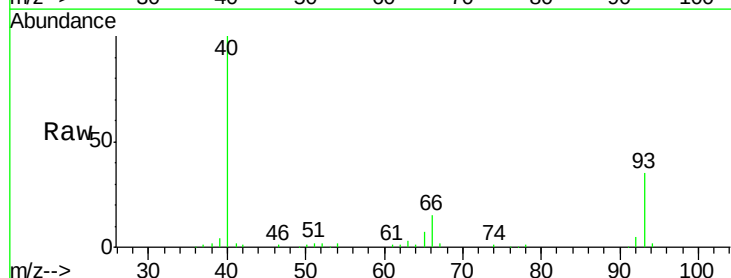
RT: 6.97 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

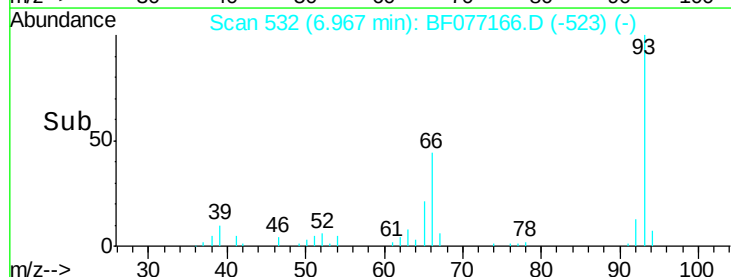
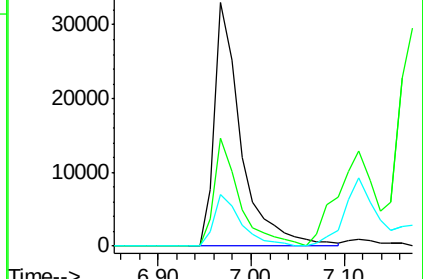
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 66072 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 66       | 44.5  | 35.0  | 52.4  |
| 65       | 21.2  | 17.7  | 26.5  |

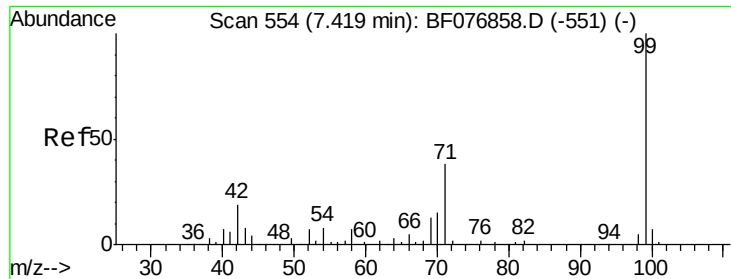


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 98.34 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampled :

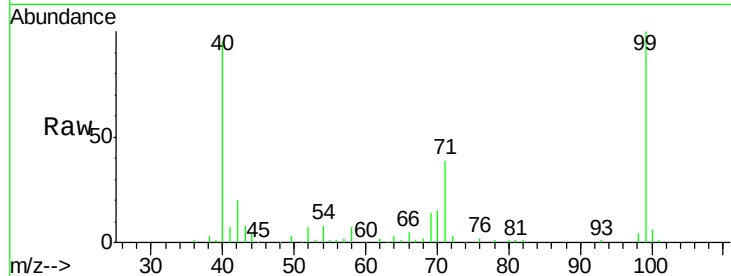
Tot Ion: 99 Resp: 182969

Ion Ratio Lower Upper

99 100

42 19.8 15.0 22.4

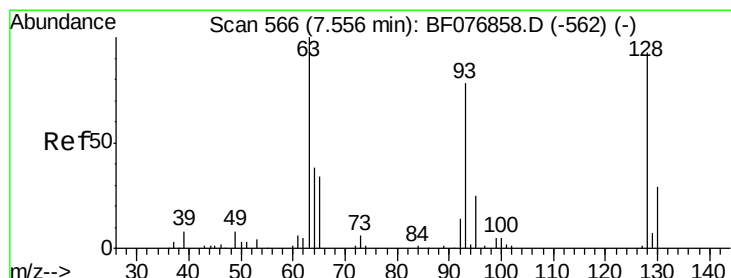
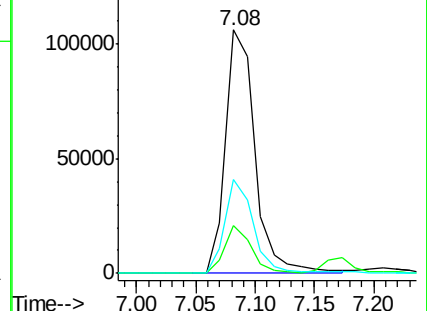
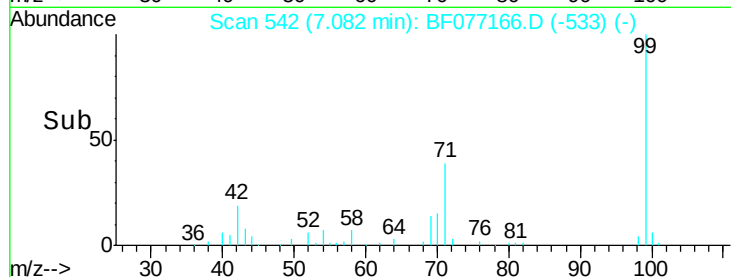
71 38.6 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.97 ng

RT: 7.21 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

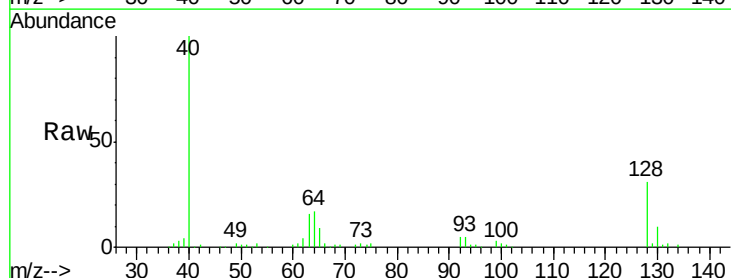
Tgt Ion: 128 Resp: 54349

Ion Ratio Lower Upper

128 100

130 31.4 11.0 51.0

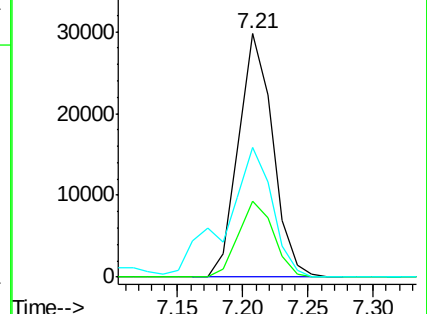
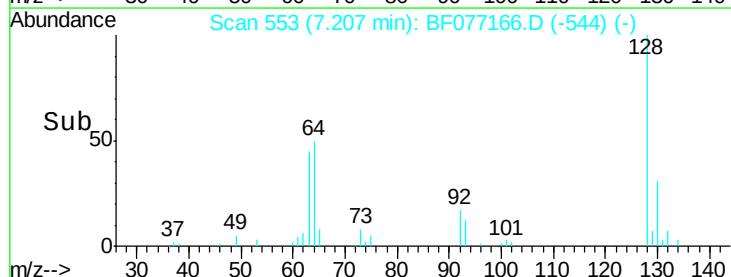
64 53.5 29.3 69.3

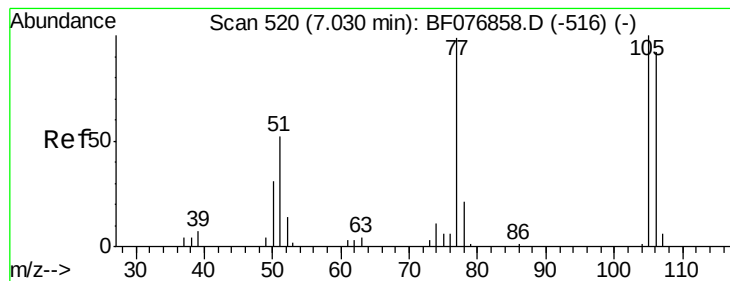


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.85 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampled :

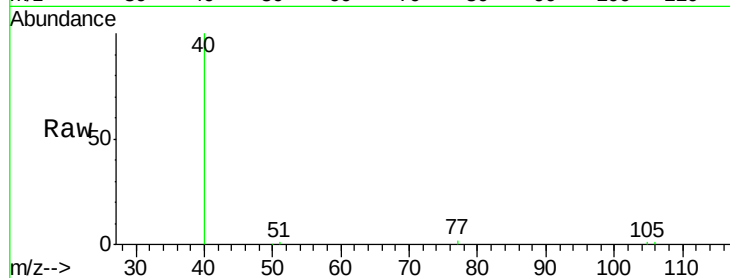
Tot Ion: 77 Resp: 5358

Ion Ratio Lower Upper

77 100

105 72.7 81.4 121.4#

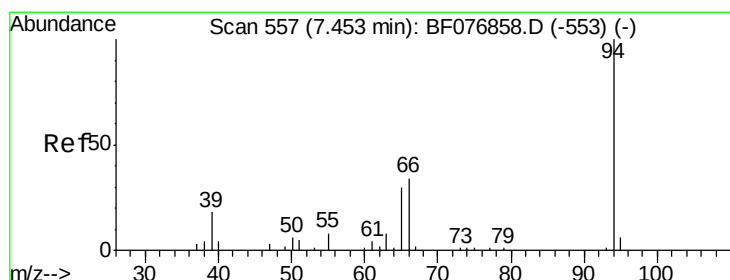
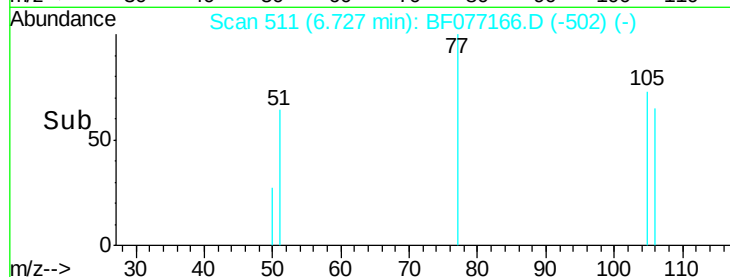
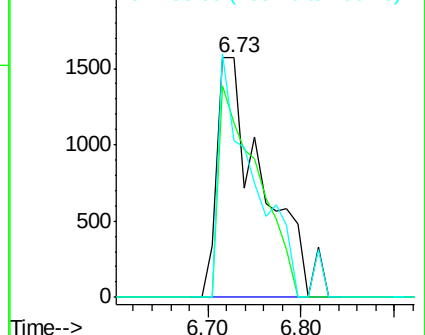
106 65.4 72.8 112.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.07 ng

RT: 7.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

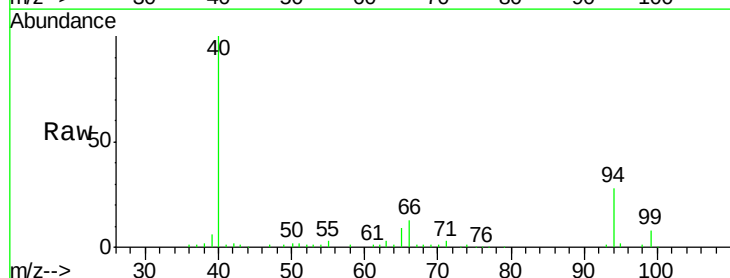
Tgt Ion: 94 Resp: 63358

Ion Ratio Lower Upper

94 100

65 33.6 11.3 51.3

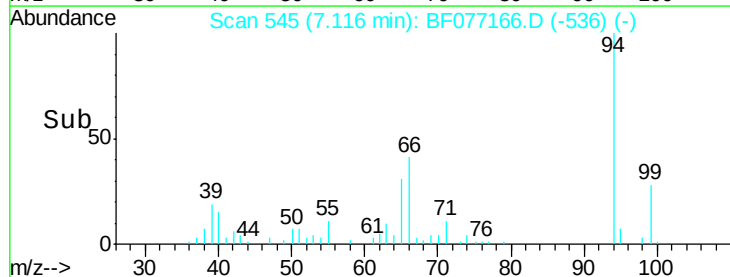
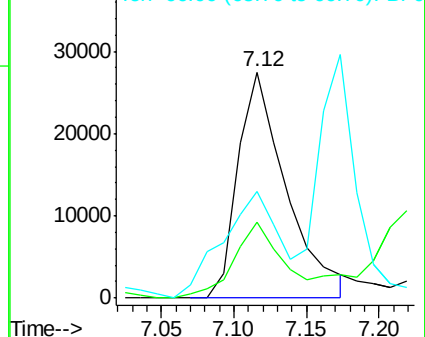
66 47.0 19.5 59.5



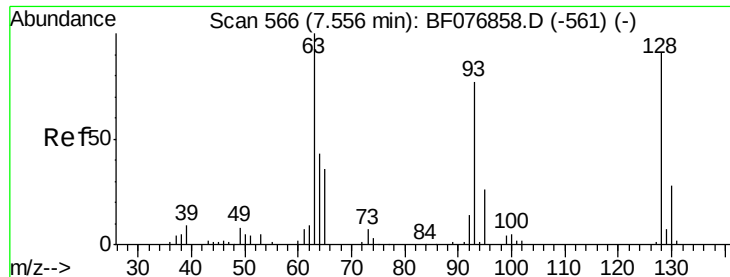
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



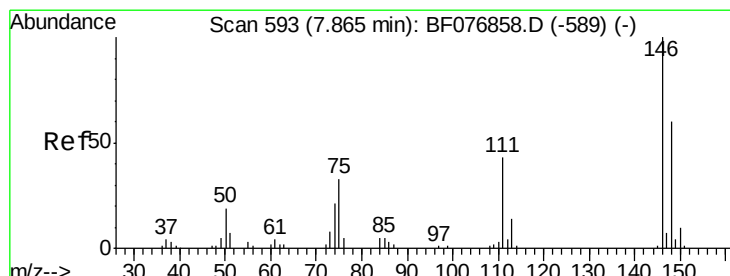
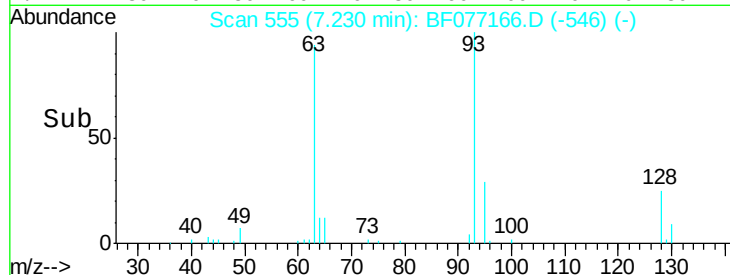
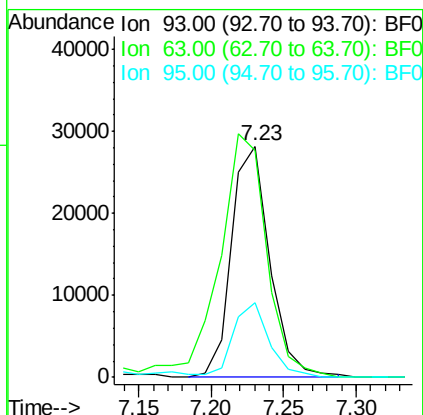
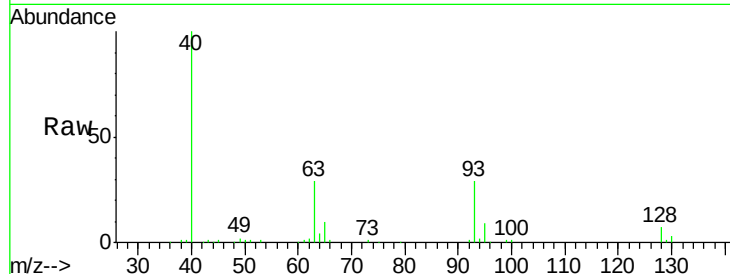




#11  
bis(2-Chloroethyl)ether  
Concen: 33.57 ng  
RT: 7.23 min Scan# 555  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

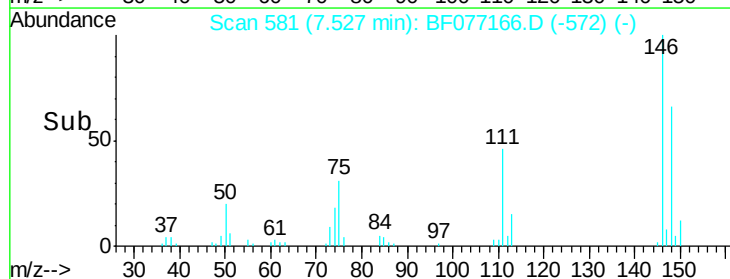
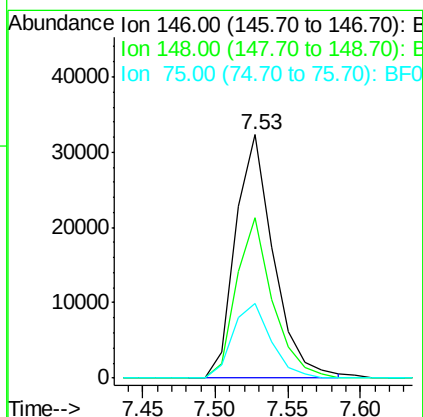
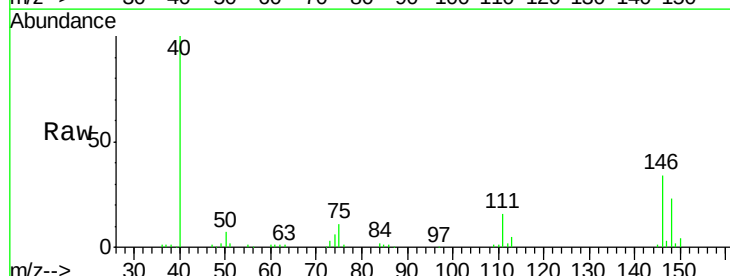
Instrument :  
BNA\_F  
ClientSampleId :

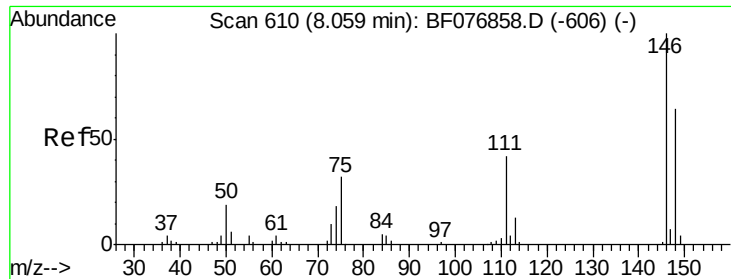
Tot Ion: 93 Resp: 51892  
Ion Ratio Lower Upper  
93 100  
63 98.2 111.3 151.3#  
95 32.1 13.8 53.8



#12  
1,3-Dichlorobenzene  
Concen: 30.44 ng  
RT: 7.53 min Scan# 581  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion: 146 Resp: 58886  
Ion Ratio Lower Upper  
146 100  
148 66.0 48.1 72.1  
75 30.7 26.8 40.2

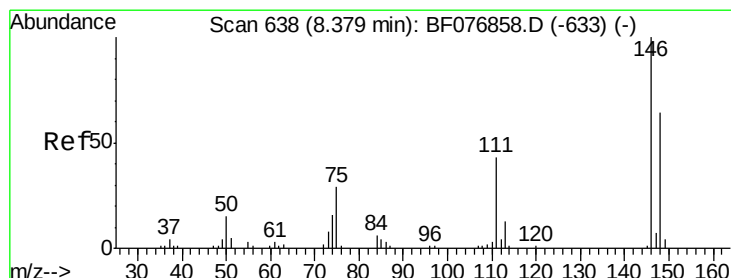
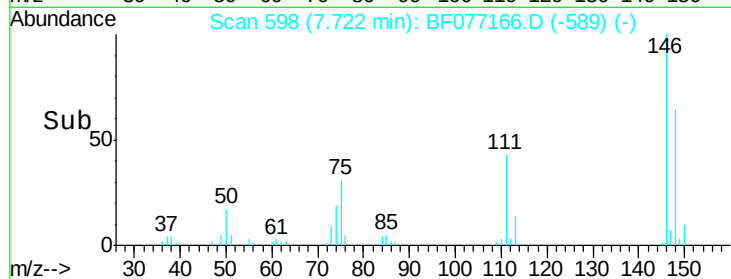
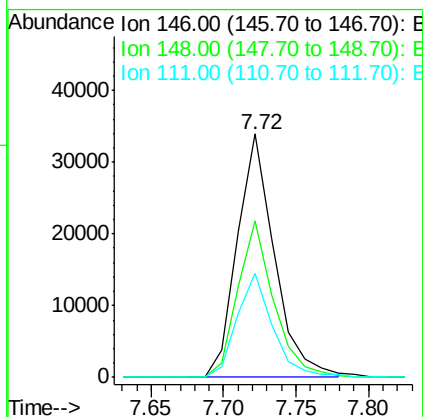
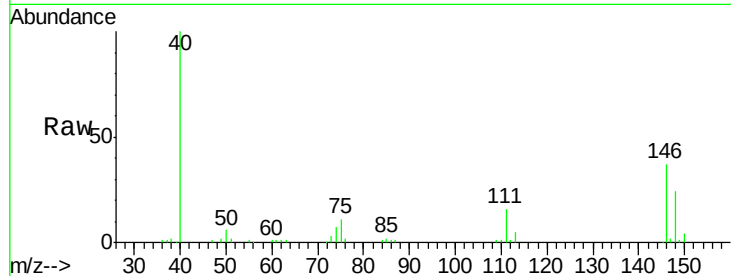




#13  
 1,4-Dichlorobenzene  
 Concen: 29.53 ng  
 RT: 7.72 min Scan# 598  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

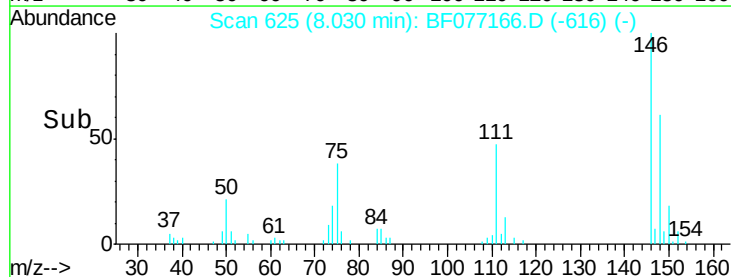
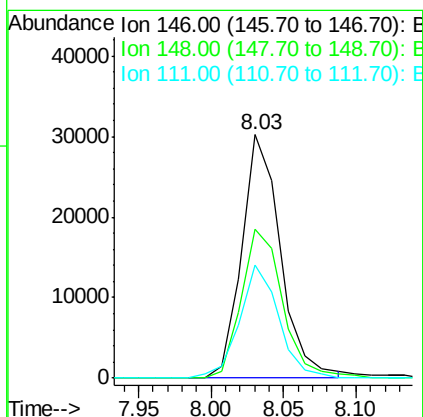
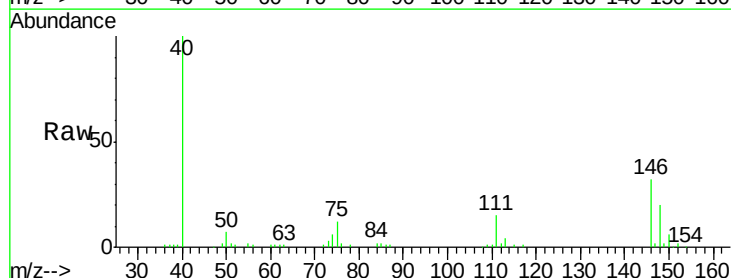
Instrument :  
 BNA\_F  
 ClientSampleId :

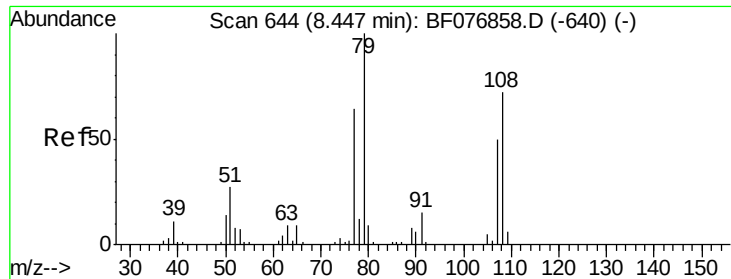
Tot Ion:146 Resp: 60570  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 51.5 77.3  
 111 42.5 33.9 50.9



#14  
 1,2-Dichlorobenzene  
 Concen: 29.59 ng  
 RT: 8.03 min Scan# 625  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Tgt Ion:146 Resp: 55928  
 Ion Ratio Lower Upper  
 146 100  
 148 61.0 51.3 76.9  
 111 46.5 34.5 51.7





#15

Benzyl Alcohol

Concen: 31.18 ng

RT: 8.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampled :

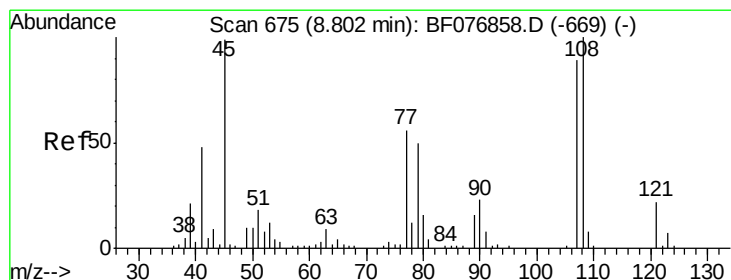
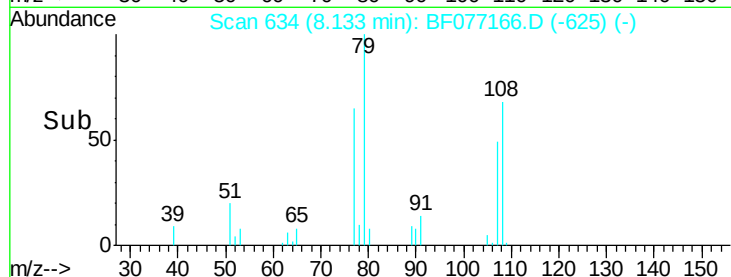
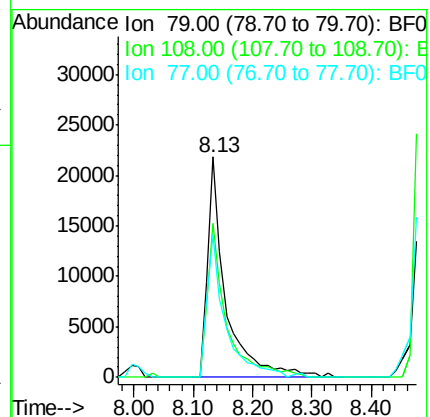
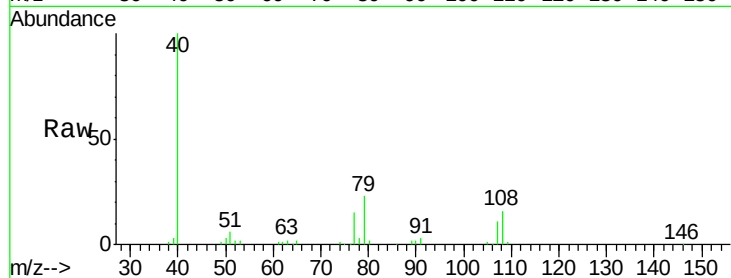
Tot Ion: 79 Resp: 46949

Ion Ratio Lower Upper

79 100

108 69.8 57.2 85.8

77 64.7 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.38 ng

RT: 8.48 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

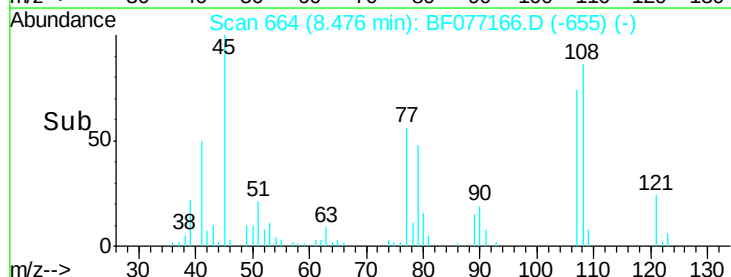
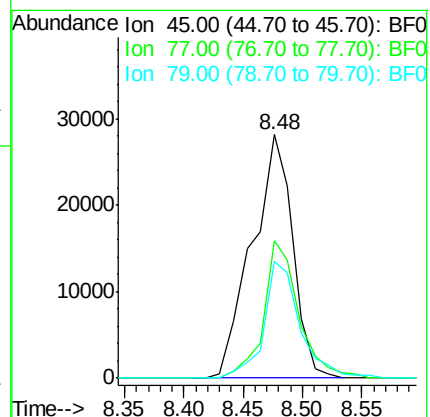
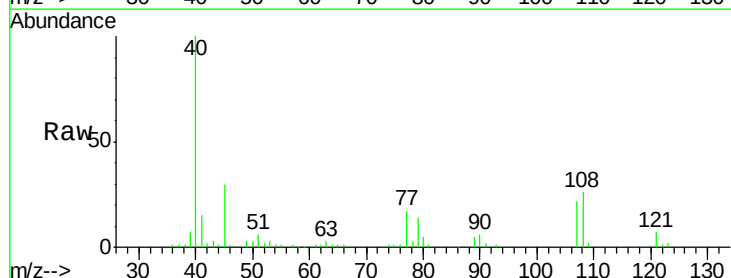
Tgt Ion: 45 Resp: 67286

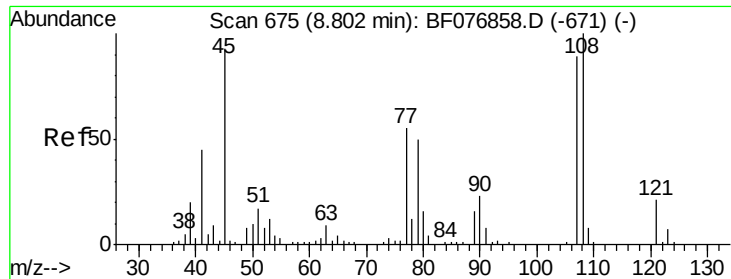
Ion Ratio Lower Upper

45 100

77 56.2 36.1 76.1

79 47.8 30.5 70.5

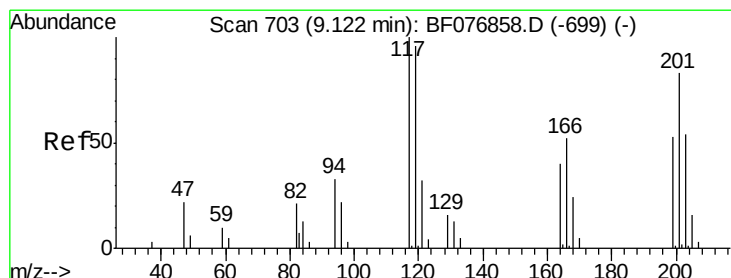
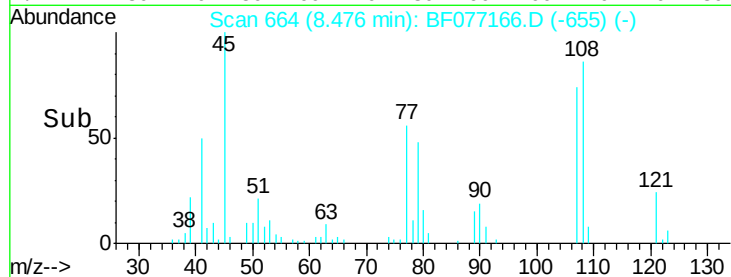
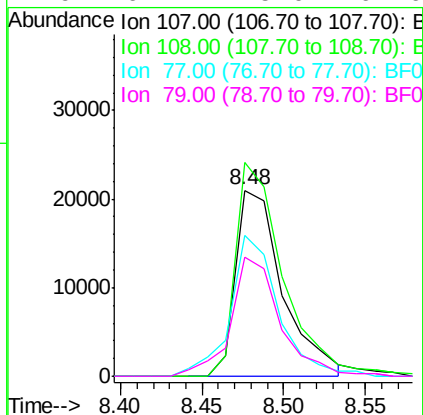
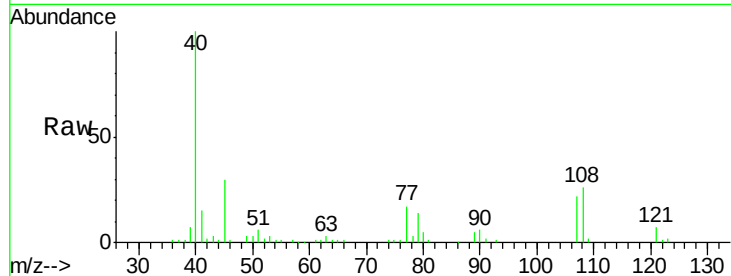




#17  
2-Methylphenol  
Concen: 30.24 ng  
RT: 8.48 min Scan# 664  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

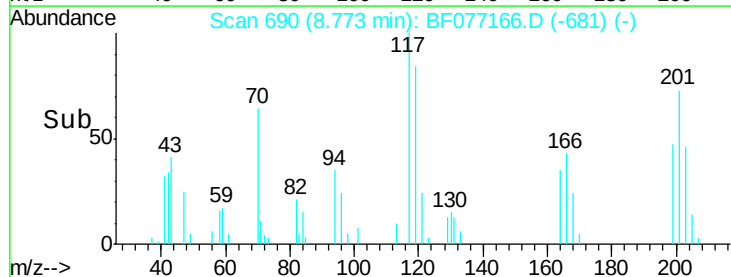
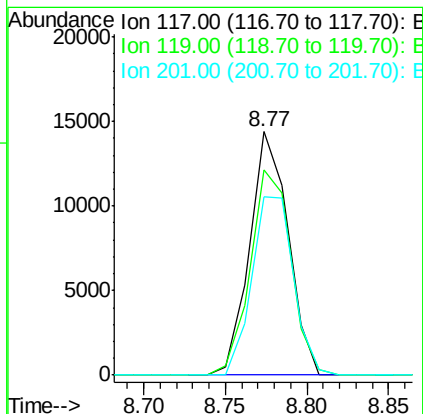
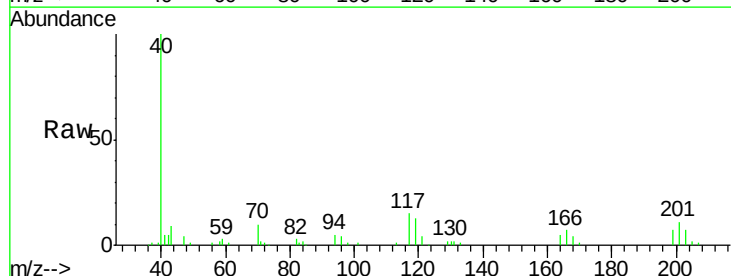
Instrument :  
BNA\_F  
ClientSampleId :

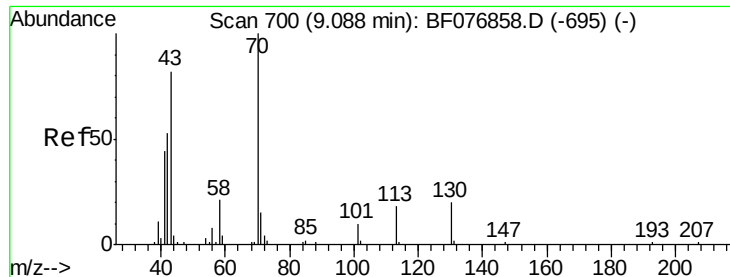
Tot Ion:107 Resp: 42021  
Ion Ratio Lower Upper  
107 100  
108 115.1 89.7 134.5  
77 75.6 50.1 75.1#  
79 64.2 45.0 67.6



#18  
Hexachloroethane  
Concen: 33.10 ng  
RT: 8.77 min Scan# 690  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion:117 Resp: 23613  
Ion Ratio Lower Upper  
117 100  
119 84.4 77.1 115.7  
201 73.4 66.8 100.2

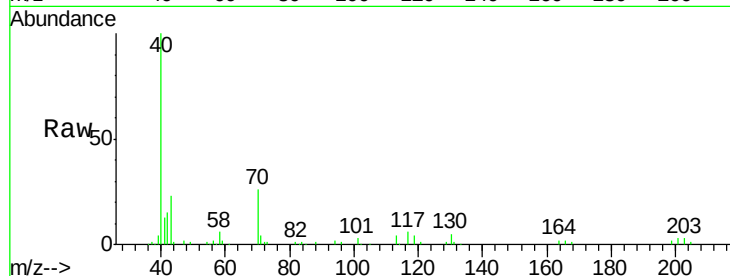




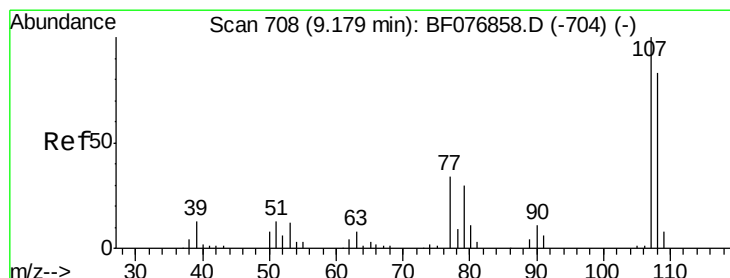
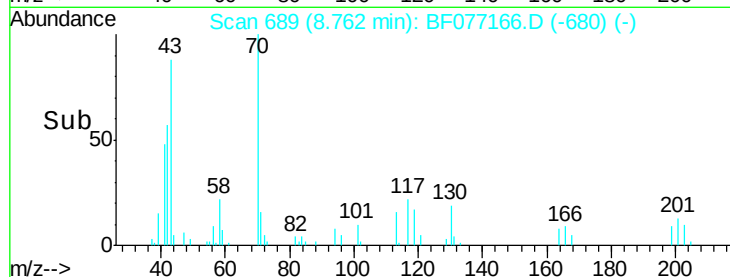
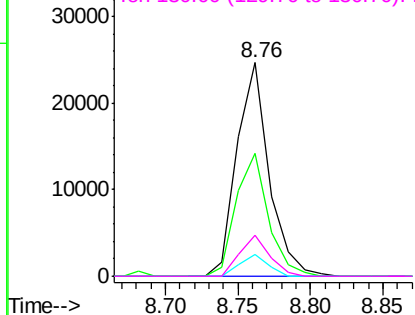
#19  
n-Nitroso-di-n-propylamine  
Concen: 29.19 ng  
RT: 8.76 min Scan# 689  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 70 Resp: 38017  
Ion Ratio Lower Upper  
70 100  
42 57.4 42.1 63.1  
101 10.0 7.8 11.8  
130 19.0 16.2 24.4

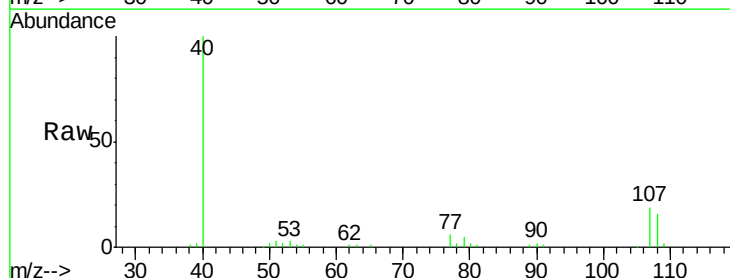


Abundance Ion 70.00 (69.70 to 70.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 101.00 (100.70 to 101.70): BF0  
Ion 130.00 (129.70 to 130.70): BF0

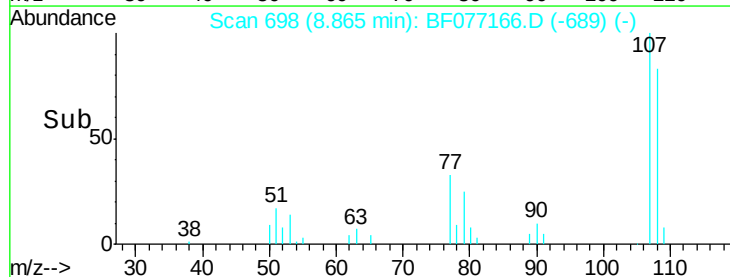
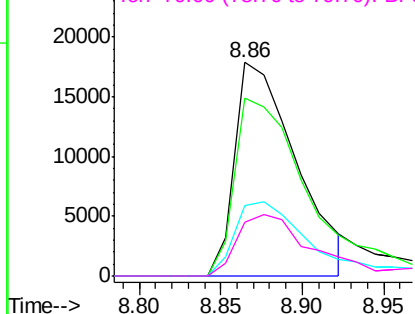


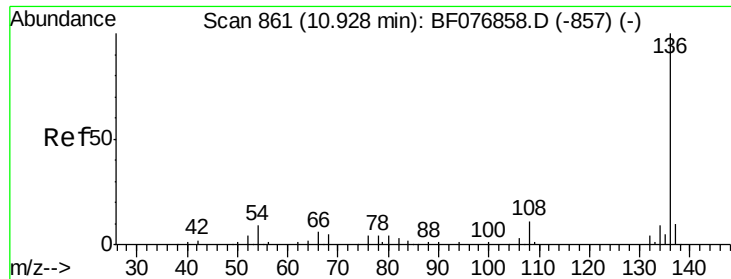
#20  
3+4-Methylphenols  
Concen: 25.41 ng  
RT: 8.86 min Scan# 698  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion:107 Resp: 46753  
Ion Ratio Lower Upper  
107 100  
108 83.2 63.5 103.5  
77 32.8 14.0 54.0  
79 25.3 9.9 49.9



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

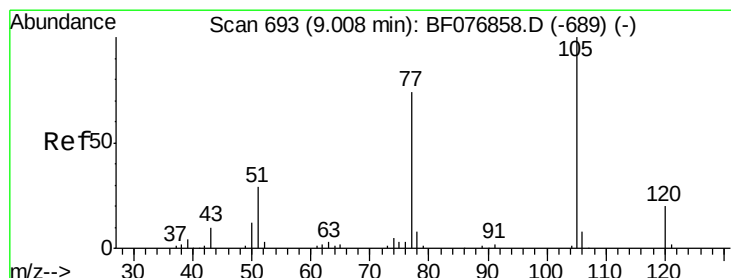
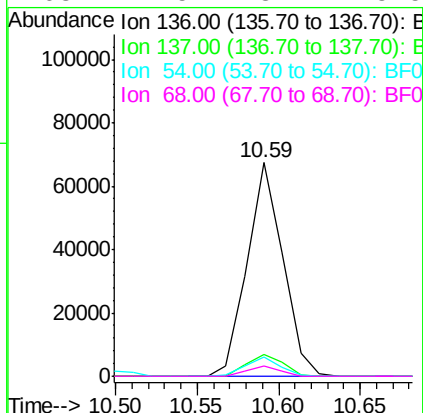
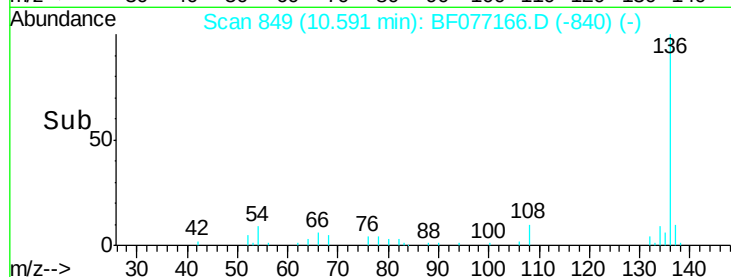
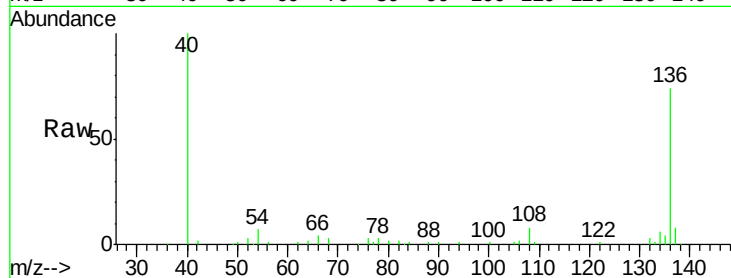




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.59 min Scan# 849  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

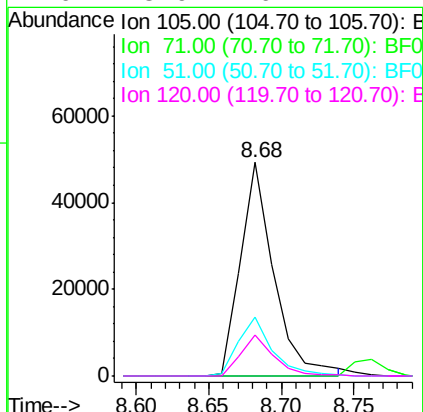
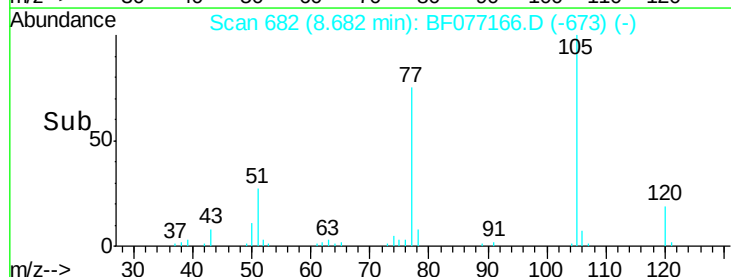
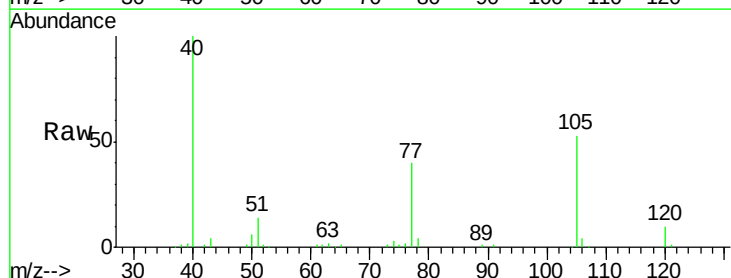
Instrument :  
BNA\_F  
ClientSampled :

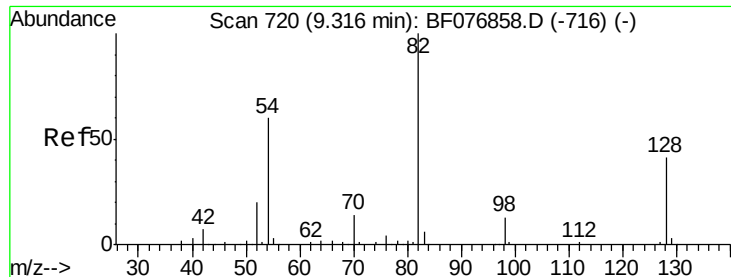
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 102468   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.2  | 8.1 12.1 |
| 54          | 8.8   | 7.0 10.4 |
| 68          | 4.5   | 3.7 5.5  |



#22  
Acetophenone  
Concen: 31.41 ng  
RT: 8.68 min Scan# 682  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 78826     |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.0   | 0.0 0.0   |
| 51          | 27.3  | 23.3 34.9 |
| 120         | 18.9  | 16.1 24.1 |

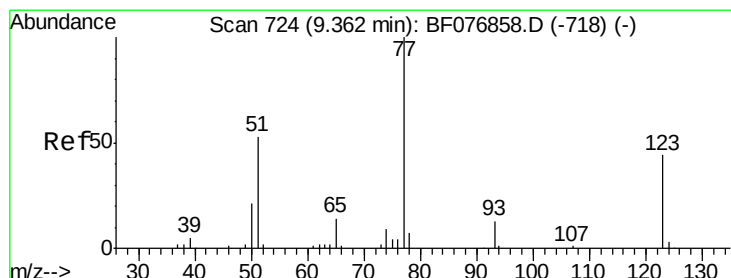
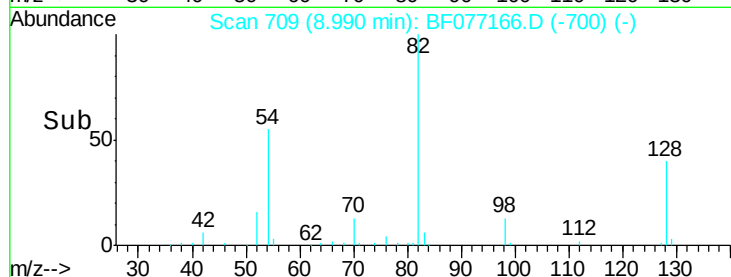
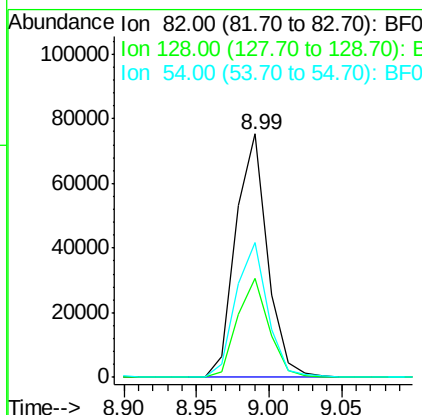
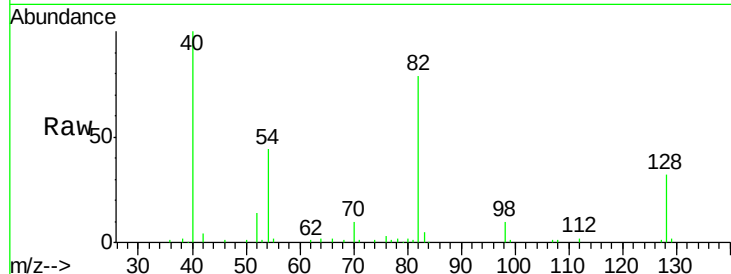




#23  
 Nitrobenzene-d5  
 Concen: 61.81 ng  
 RT: 8.99 min Scan# 709  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

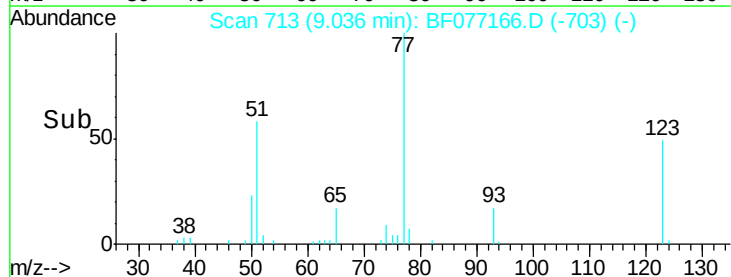
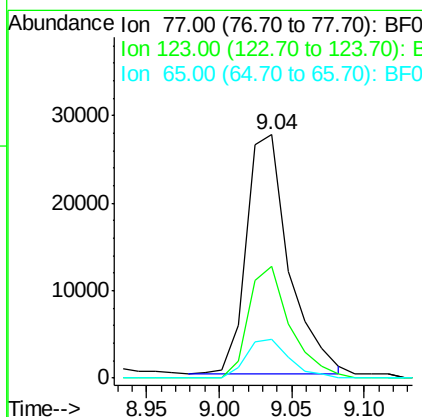
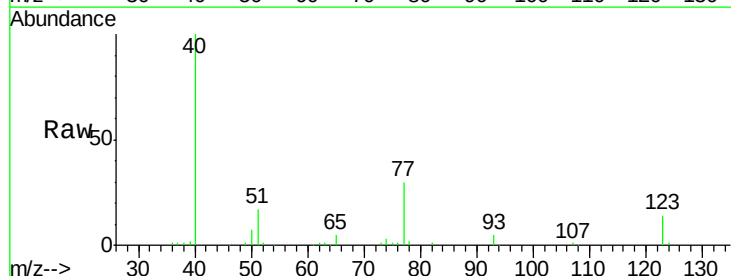
Instrument :  
 BNA\_F  
 ClientSampleId :

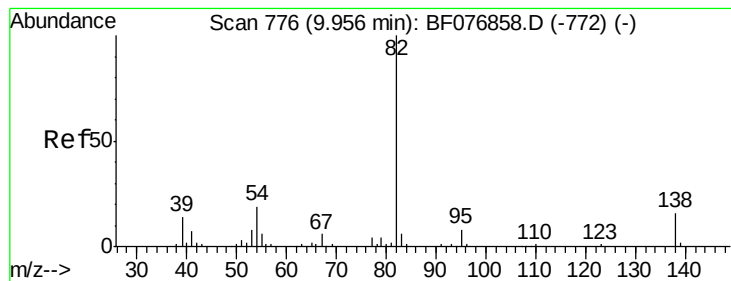
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.4  | 33.1  | 49.7  |
| 54      | 55.5  | 48.3  | 72.5  |



#24  
 Nitrobenzene  
 Concen: 29.32 ng  
 RT: 9.04 min Scan# 713  
 Delta R.T. 0.01 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.2  | 35.2  | 52.8  |
| 65      | 16.0  | 11.4  | 17.2  |





#25

Isophorone

Concen: 31.54 ng

RT: 9.63 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampleId :

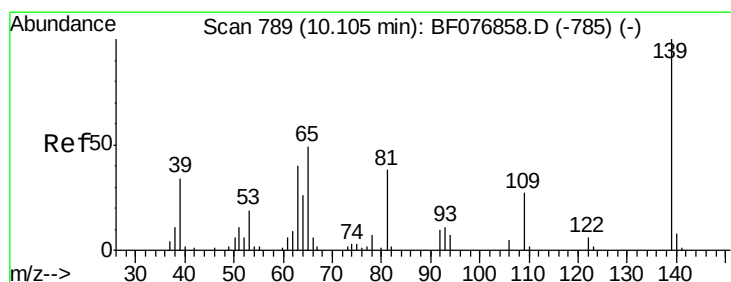
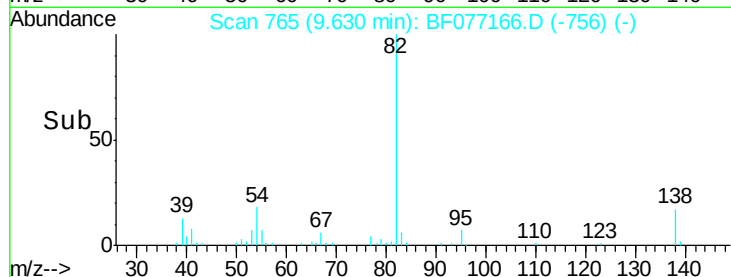
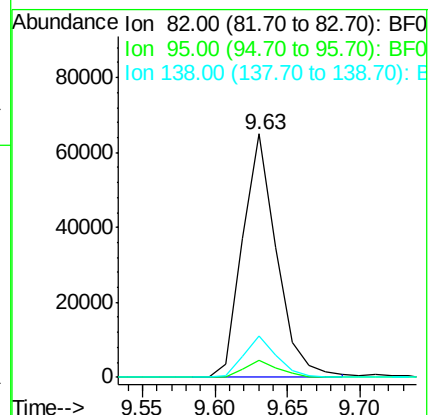
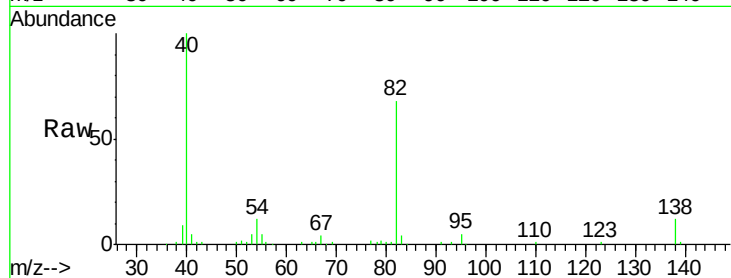
Tot Ion: 82 Resp: 106255

Ion Ratio Lower Upper

82 100

95 7.1 6.6 10.0

138 17.0 12.6 18.8



#26

2-Nitrophenol

Concen: 28.42 ng

RT: 9.78 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

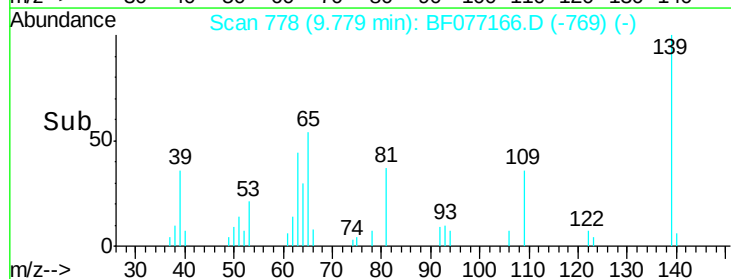
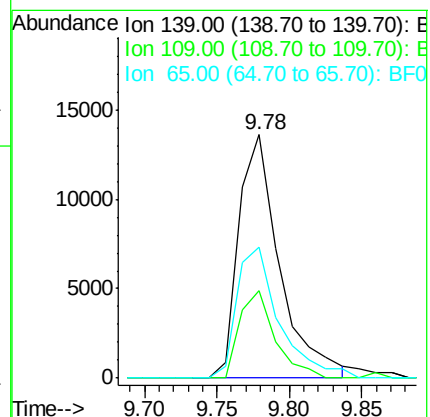
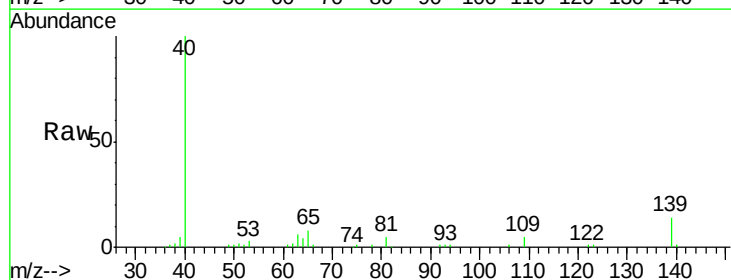
Tgt Ion: 139 Resp: 26697

Ion Ratio Lower Upper

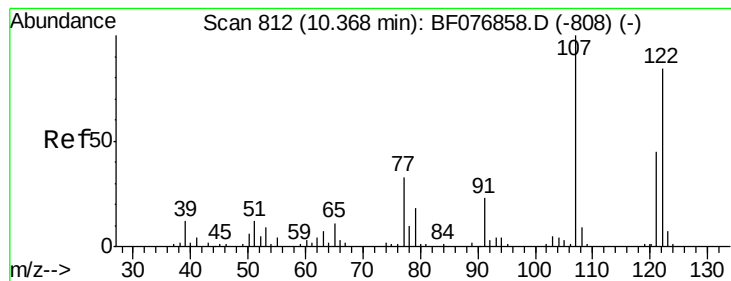
139 100

109 35.8 21.3 31.9#

65 53.7 39.4 59.0







#27

2,4-Dimethylphenol

Concen: 32.01 ng

RT: 10.05 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampled :

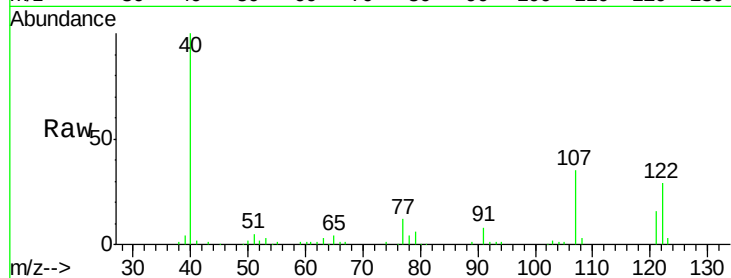
Tot Ion:122 Resp: 46641

Ion Ratio Lower Upper

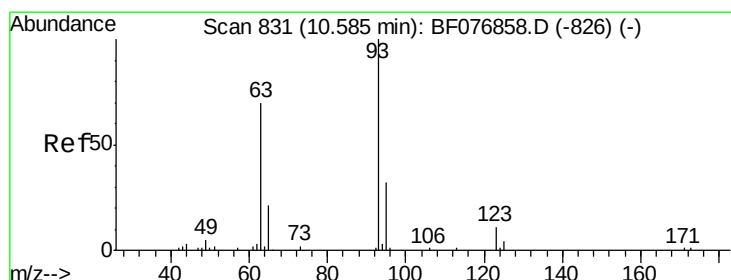
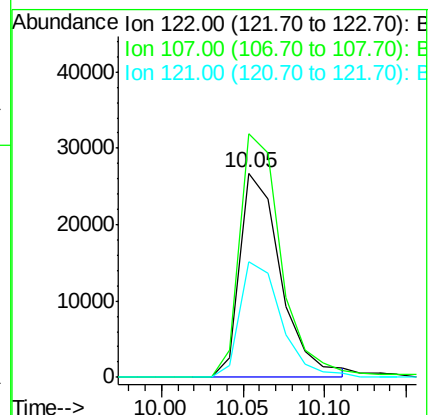
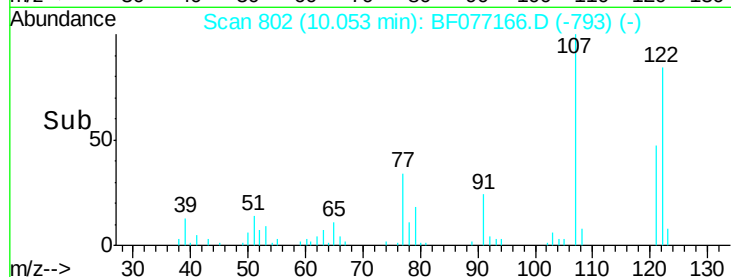
122 100

107 119.1 95.2 142.8

121 56.5 42.9 64.3



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



#28

bis(2-Chloroethoxy)methane

Concen: 33.40 ng

RT: 10.26 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

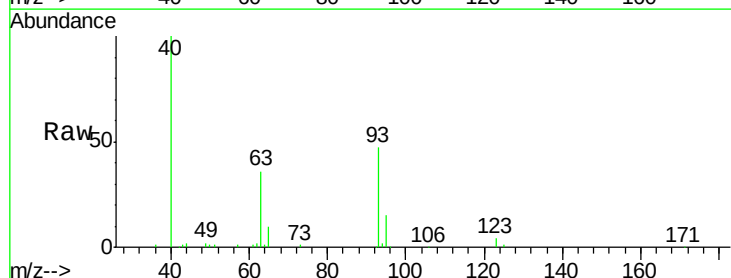
Tgt Ion: 93 Resp: 63948

Ion Ratio Lower Upper

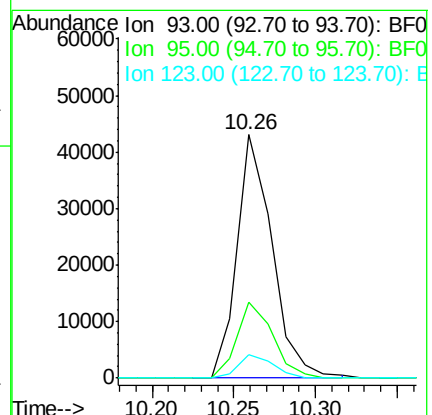
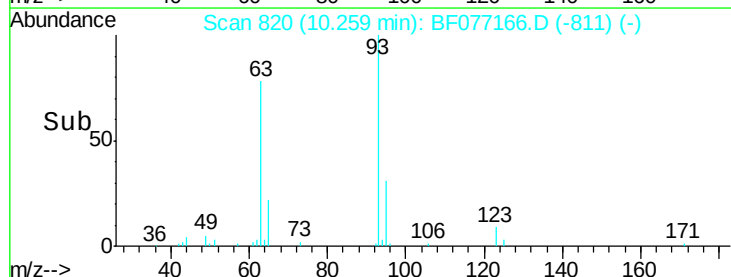
93 100

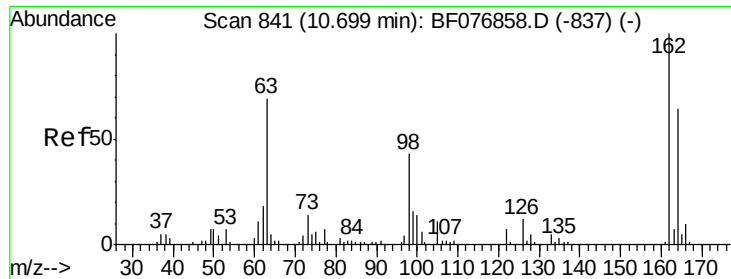
95 31.1 25.6 38.4

123 9.5 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 123.00 (122.70 to 123.70): E

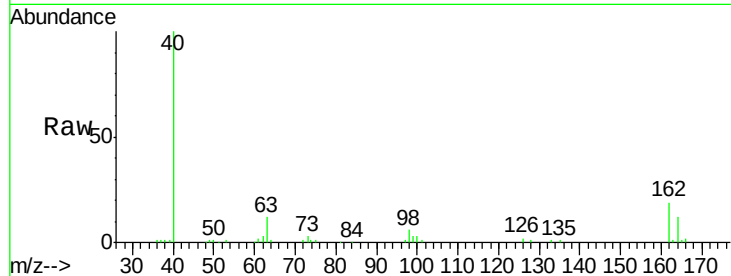




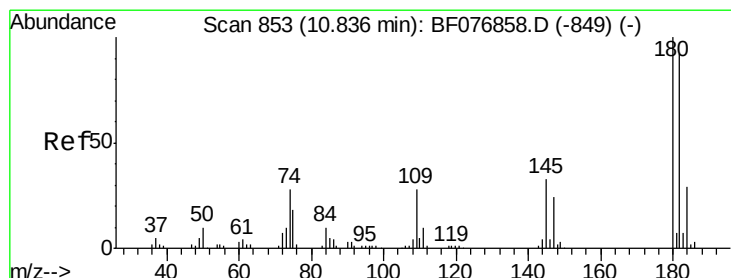
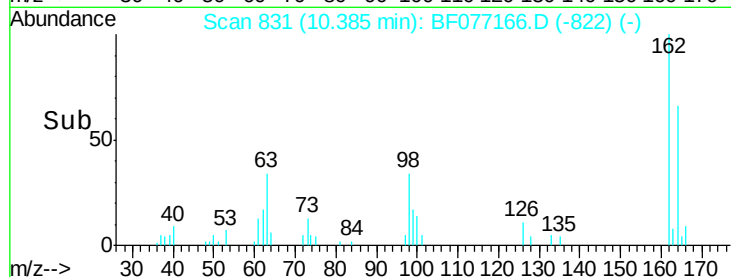
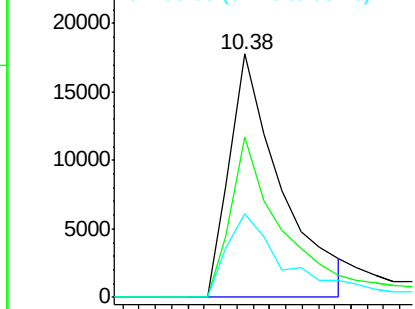
#29  
2,4-Dichlorophenol  
Concen: 28.67 ng  
RT: 10.38 min Scan# 831  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:162 Resp: 38931  
Ion Ratio Lower Upper  
162 100  
164 65.8 43.8 83.8  
98 34.1 22.5 62.5

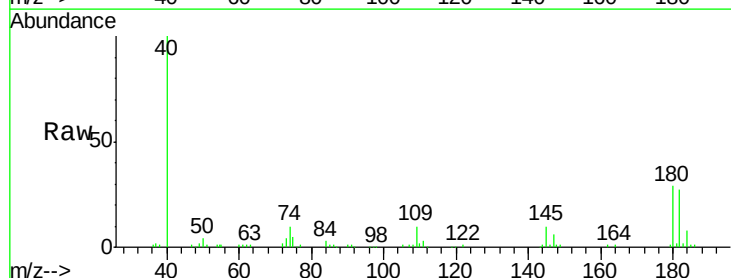


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0

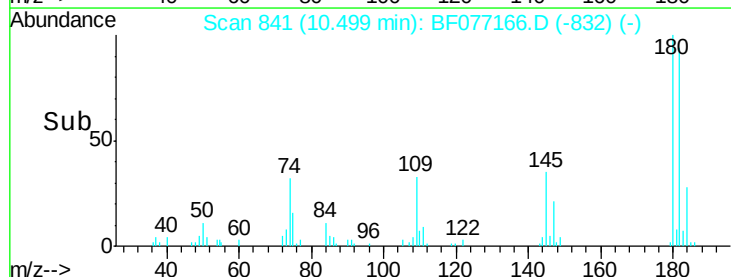
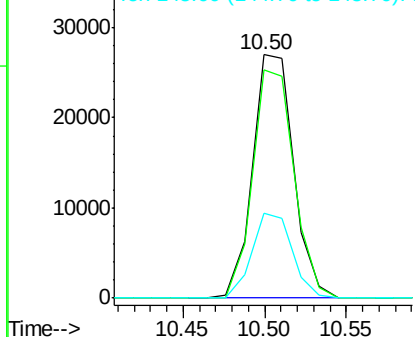


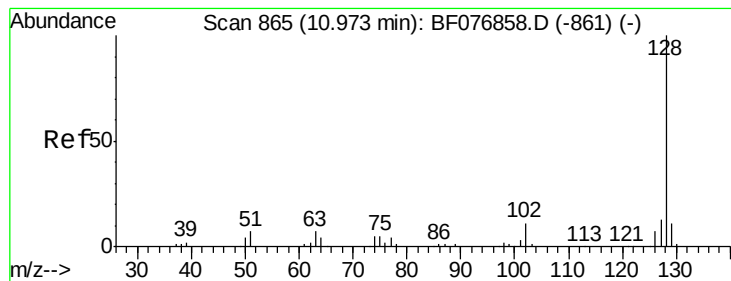
#30  
1,2,4-Trichlorobenzene  
Concen: 31.31 ng  
RT: 10.50 min Scan# 841  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion:180 Resp: 47224  
Ion Ratio Lower Upper  
180 100  
182 93.7 73.6 110.4  
145 35.0 26.6 39.8



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: 31.22 ng

RT: 10.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampleId :

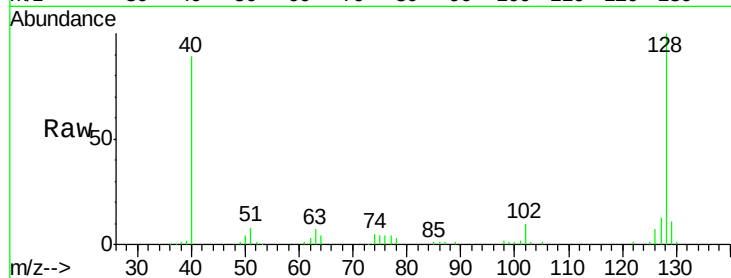
Tot Ion:128 Resp: 164701

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

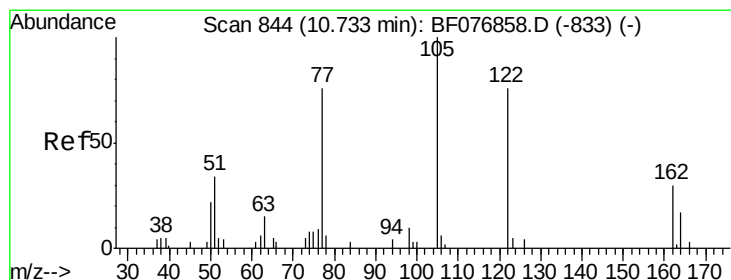
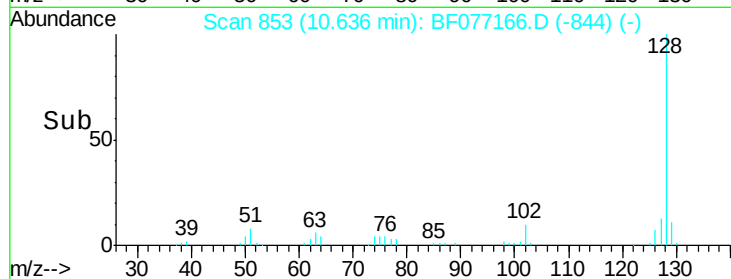
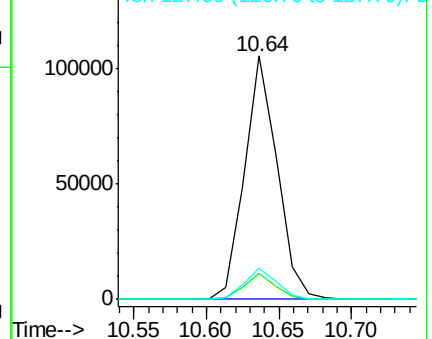
127 12.7 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.62 ng

RT: 10.44 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

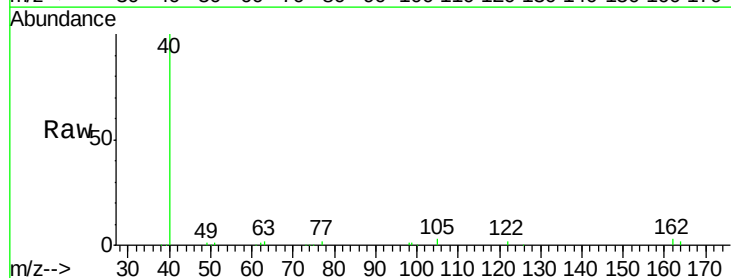
Tgt Ion:122 Resp: 6149

Ion Ratio Lower Upper

122 100

105 133.6 111.3 151.3

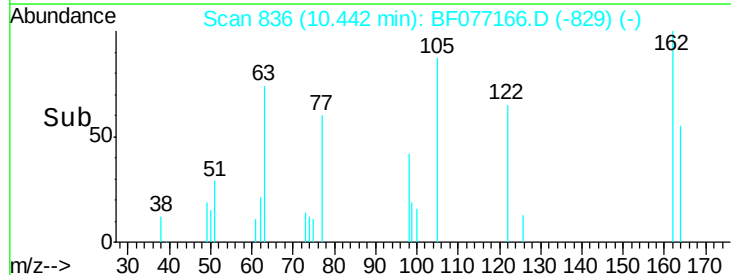
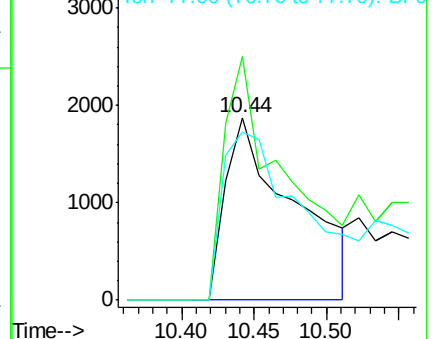
77 92.4 79.2 119.2

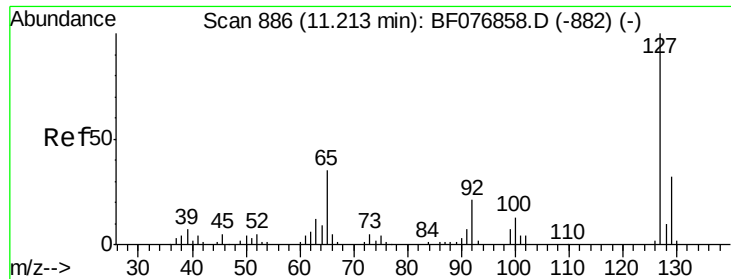


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

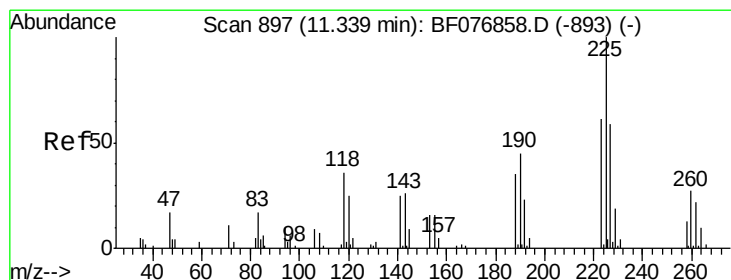
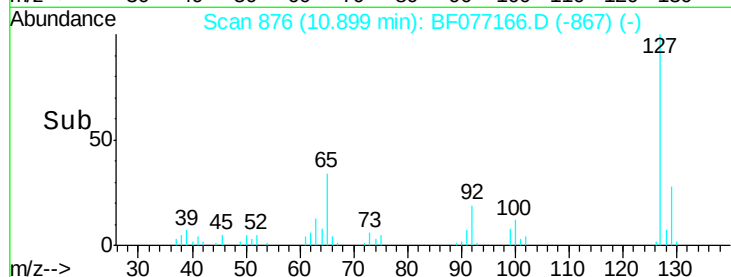
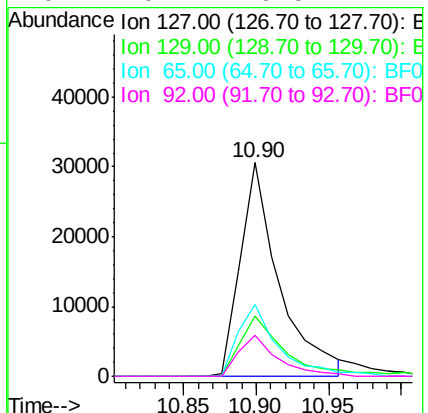
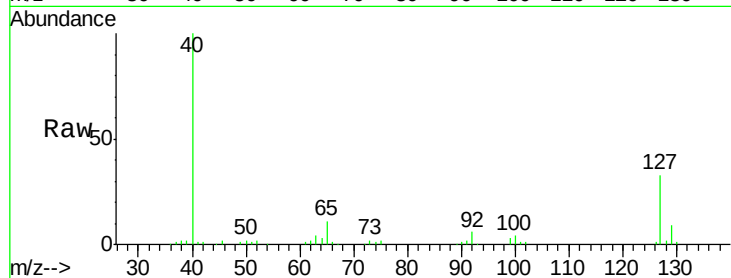




#33  
4-Chloroaniline  
Concen: 26.56 ng  
RT: 10.90 min Scan# 876  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

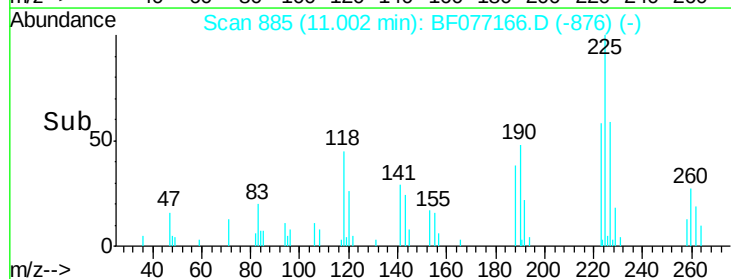
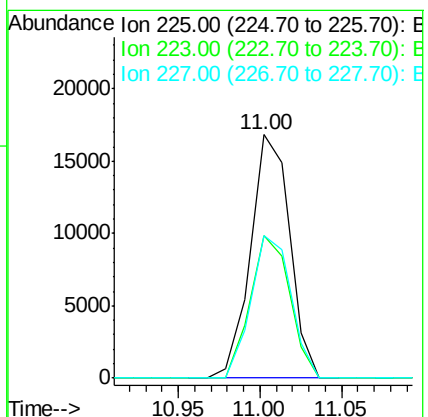
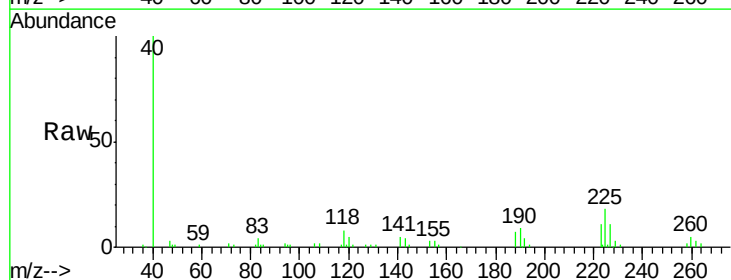
Instrument :  
BNA\_F  
ClientSampleId :

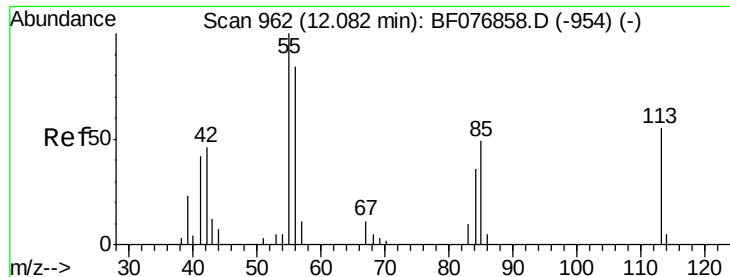
Tot Ion:127 Resp: 56615  
Ion Ratio Lower Upper  
127 100  
129 28.2 25.3 37.9  
65 33.6 27.8 41.6  
92 19.2 16.5 24.7



#34  
Hexachlorobutadiene  
Concen: 31.39 ng  
RT: 11.00 min Scan# 885  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion:225 Resp: 28096  
Ion Ratio Lower Upper  
225 100  
223 58.4 49.1 73.7  
227 58.6 47.5 71.3

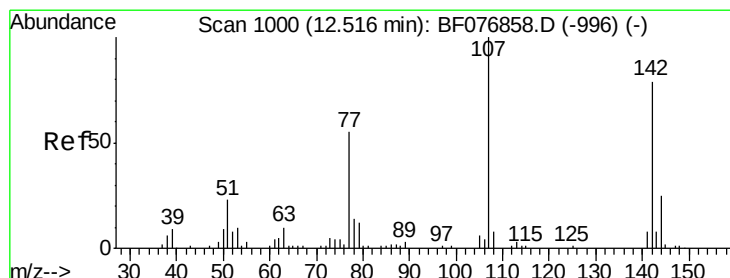
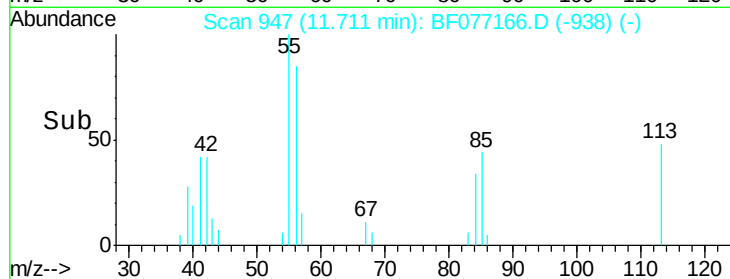
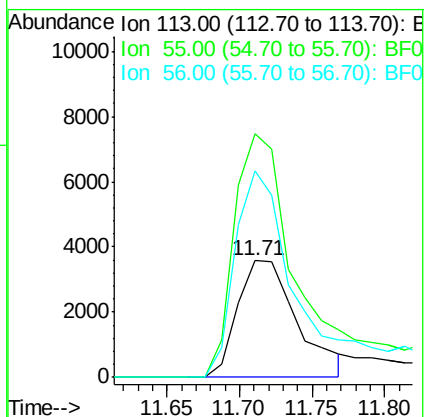
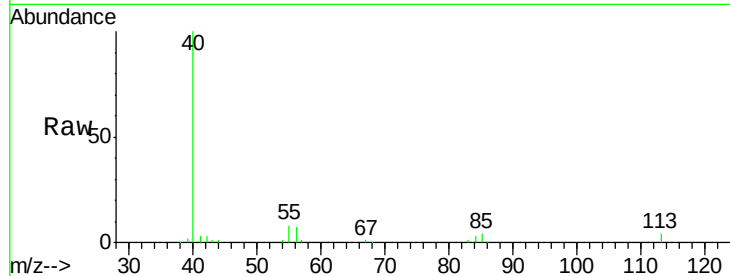




#35  
Caprolactam  
Concen: 25.53 ng  
RT: 11.71 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

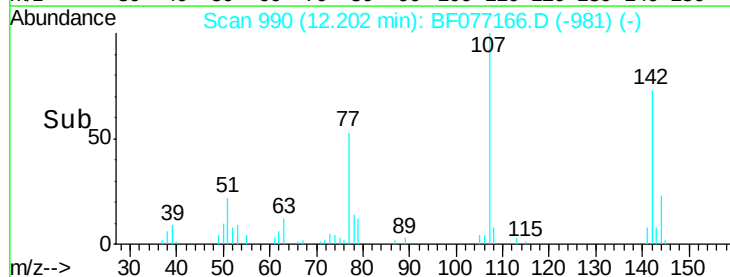
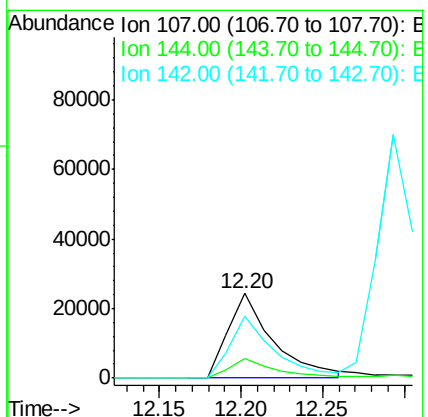
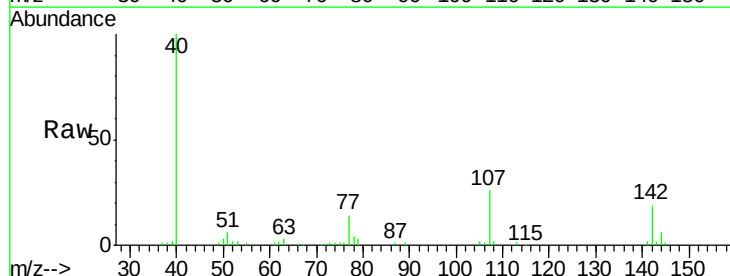
Instrument :  
BNA\_F  
ClientSampled :

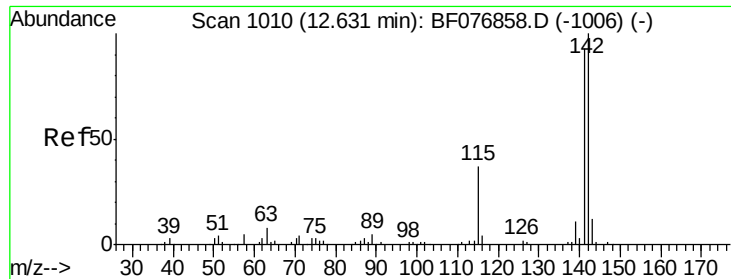
Tot Ion:113 Resp: 10208  
Ion Ratio Lower Upper  
113 100  
55 209.3 162.1 202.1#  
56 177.7 133.7 173.7#



#36  
4-Chloro-3-methylphenol  
Concen: 30.01 ng  
RT: 12.20 min Scan# 990  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion:107 Resp: 46664  
Ion Ratio Lower Upper  
107 100  
144 23.0 20.0 30.0  
142 72.6 63.5 95.3

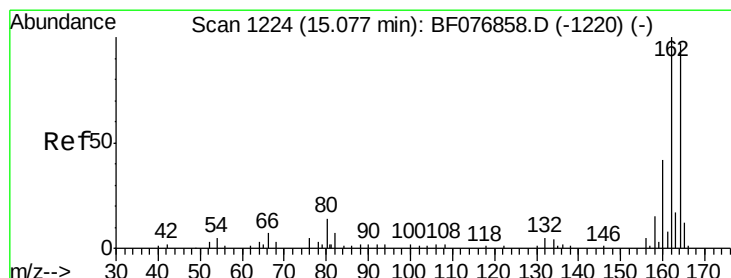
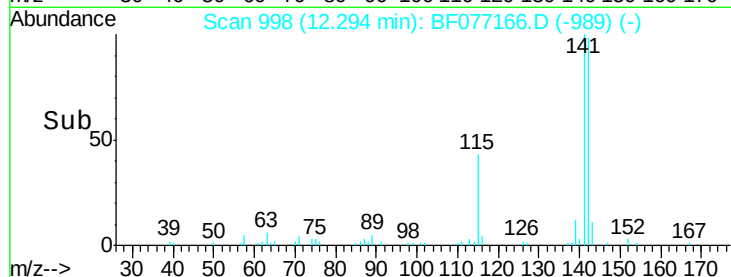
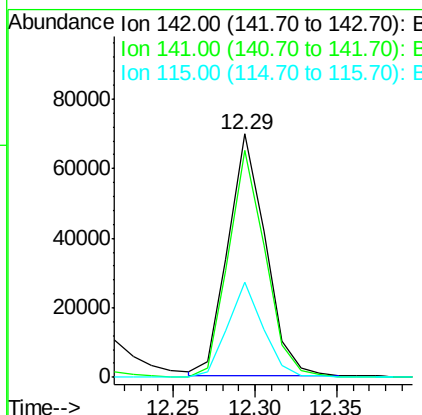
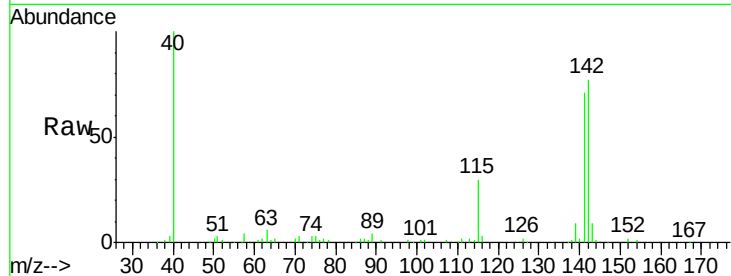




#37  
2-Methylnaphthalene  
Concen: 30.51 ng  
RT: 12.29 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

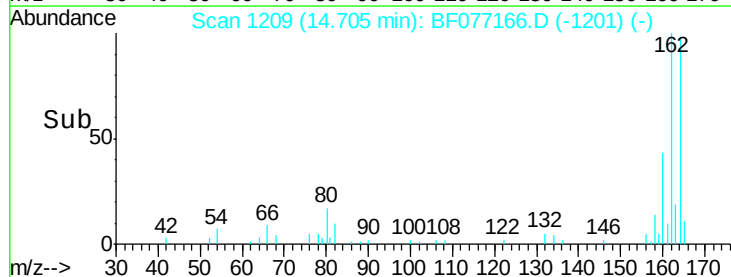
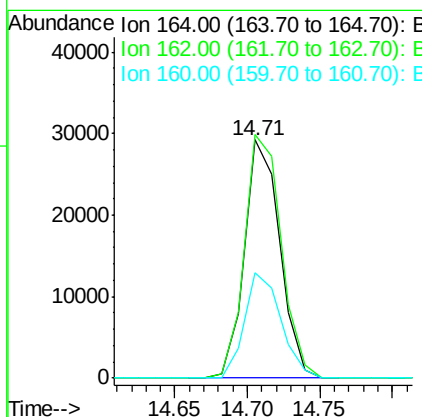
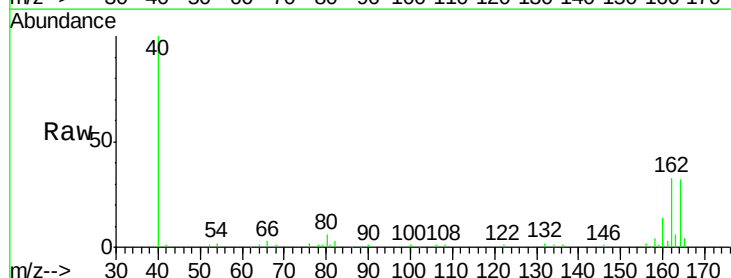
Instrument :  
BNA\_F  
ClientSampleId :

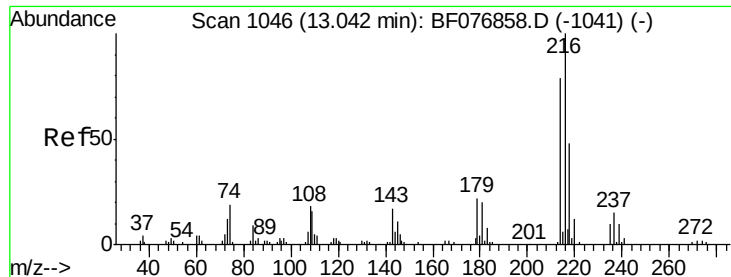
Tot Ion:142 Resp: 109922  
Ion Ratio Lower Upper  
142 100  
141 93.1 74.5 111.7  
115 39.3 29.7 44.5



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.71 min Scan# 1209  
Delta R.T. -0.01 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion:164 Resp: 49211  
Ion Ratio Lower Upper  
164 100  
162 102.3 82.4 123.6  
160 44.1 34.8 52.2

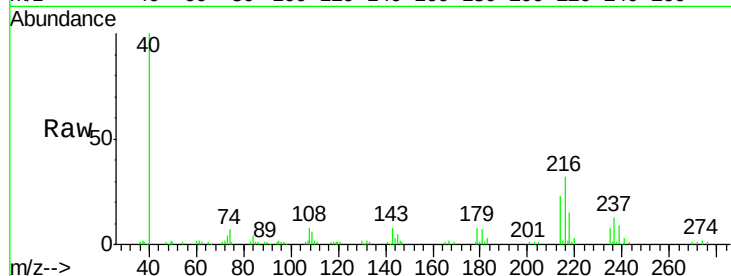




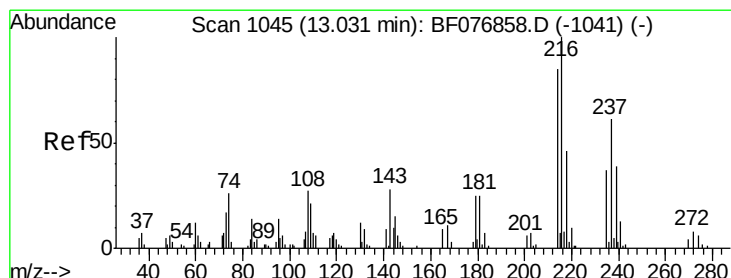
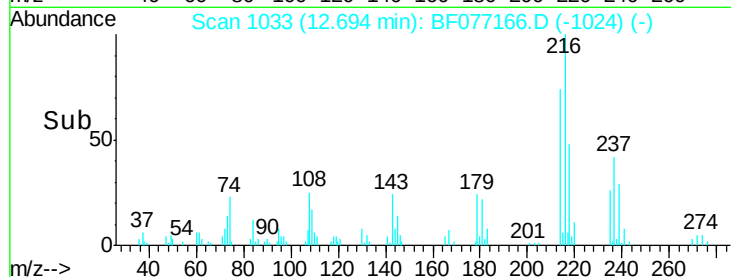
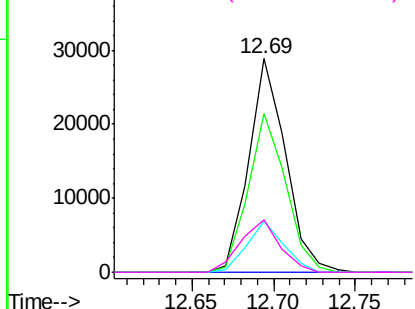
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 37.44 ng  
 RT: 12.69 min Scan# 1033  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 216   | Resp: | 45556 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 74.7  | 64.9  | 97.3  |
| 179      | 23.6  | 18.6  | 28.0  |
| 108      | 25.9  | 18.1  | 27.1  |

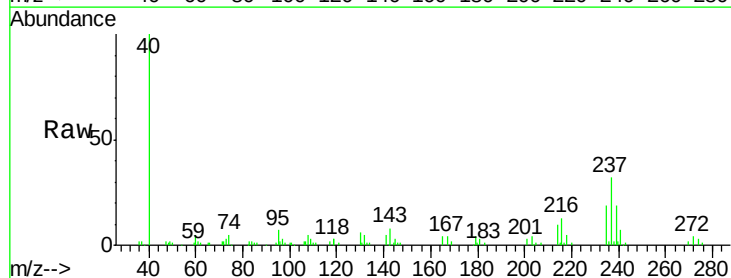


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

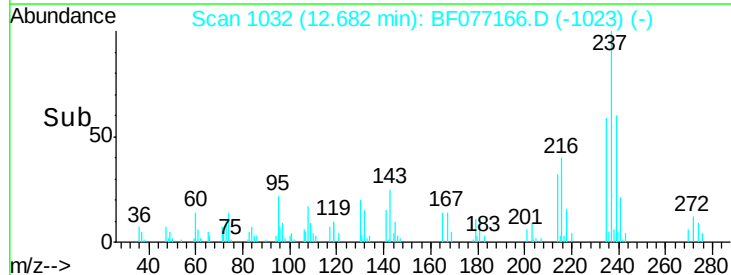
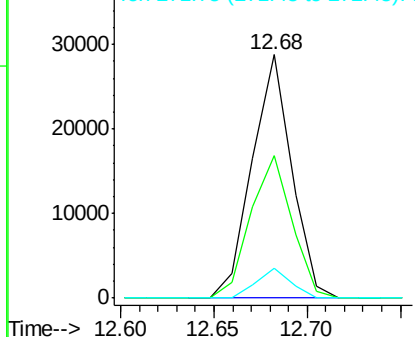


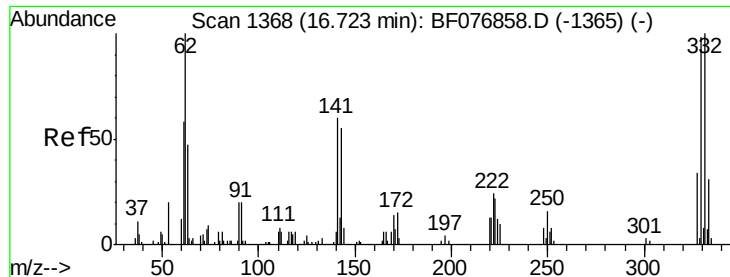
#40  
 Hexachlorocyclopentadiene  
 Concen: 65.54 ng  
 RT: 12.68 min Scan# 1032  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 42350 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 58.8  | 40.4  | 80.4  |
| 272      | 12.5  | 0.0   | 33.2  |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E

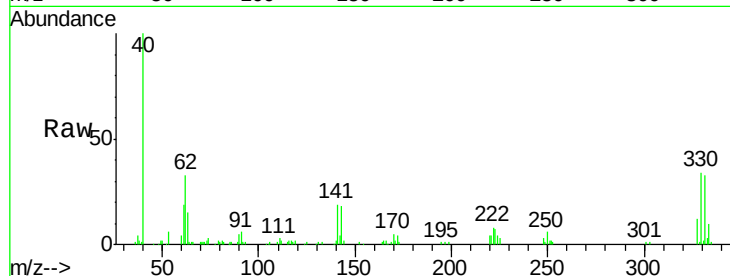




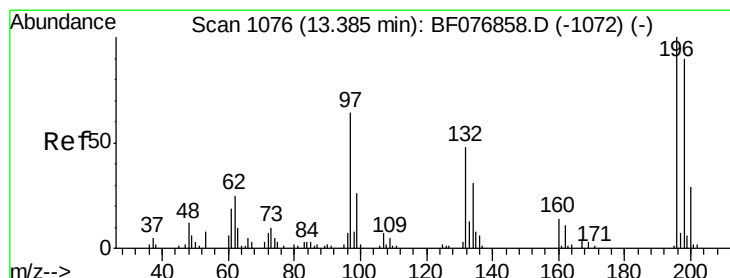
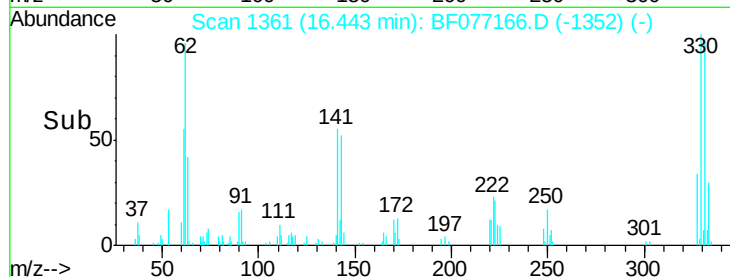
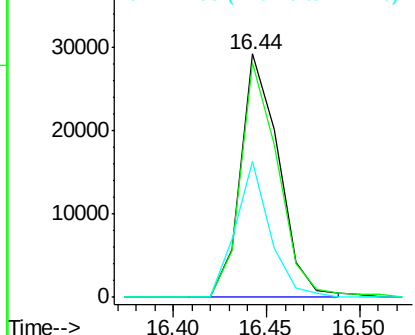
#41  
 2,4,6-Tribromophenol  
 Concen: 104.29 ng  
 RT: 16.44 min Scan# 1361  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.6  | 77.8  | 116.6 |
| 141     | 50.9  | 38.5  | 57.7  |

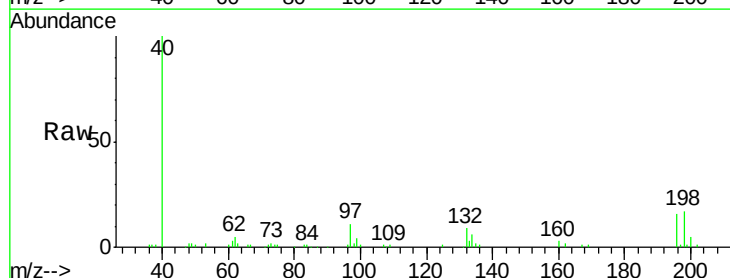


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

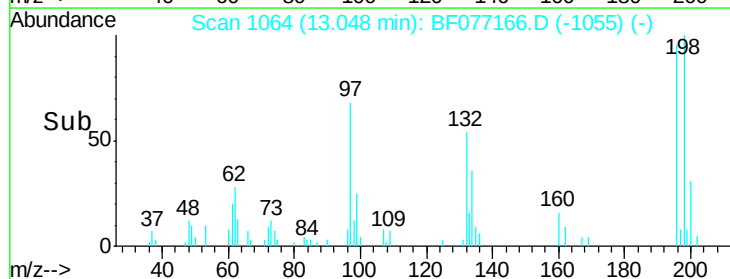
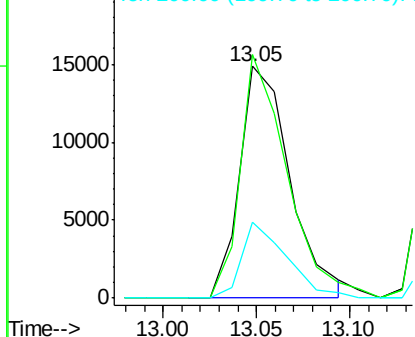


#42  
 2,4,6-Trichlorophenol  
 Concen: 31.69 ng  
 RT: 13.05 min Scan# 1064  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

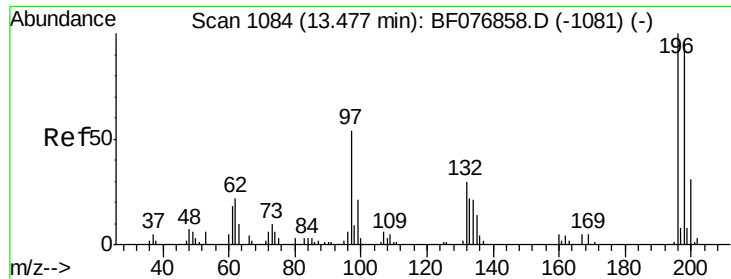
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 104.9 | 72.0  | 108.0 |
| 200     | 32.7  | 23.4  | 35.2  |



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



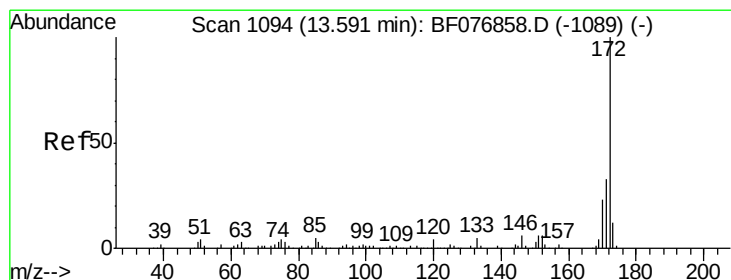
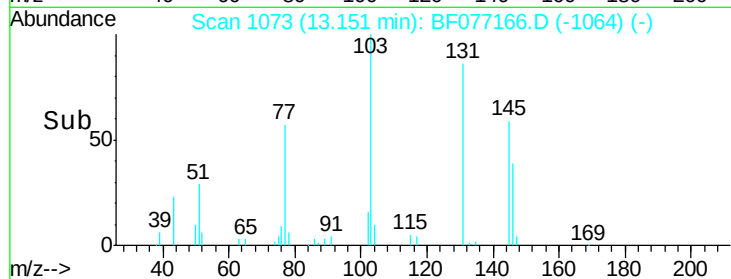
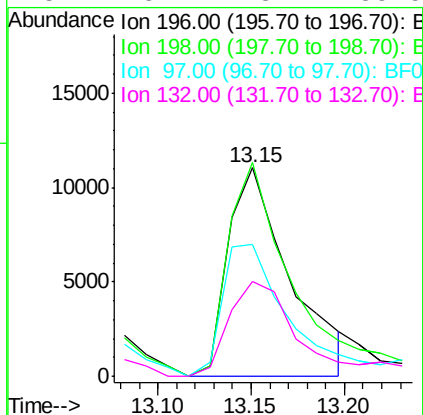
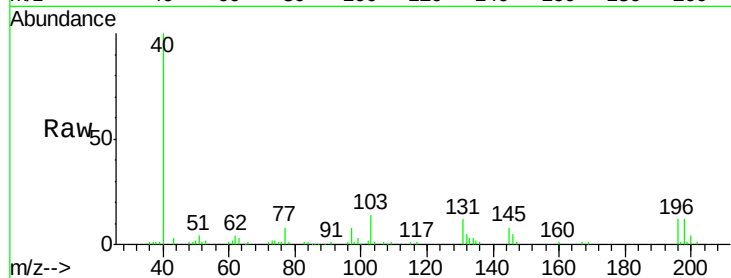




#43  
 2,4,5-Trichlorophenol  
 Concen: 28.21 ng  
 RT: 13.15 min Scan# 1073  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

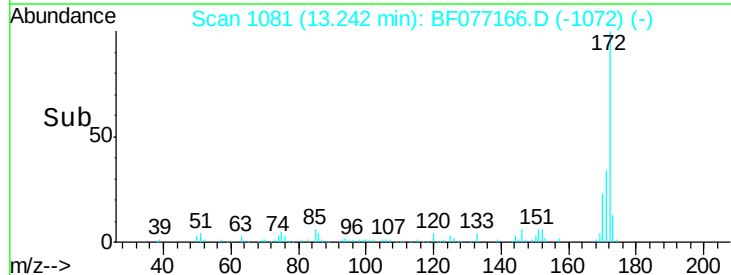
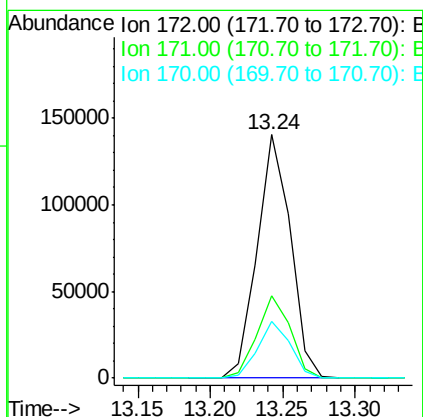
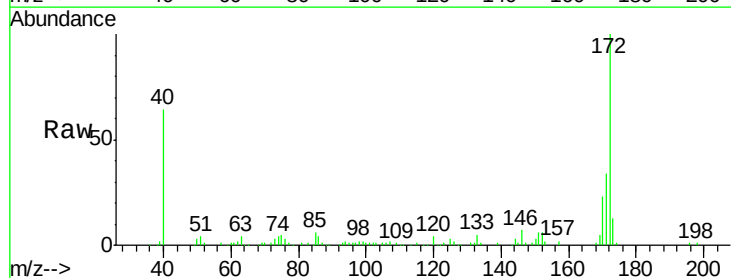
Instrument :  
 BNA\_F  
 ClientSampleId :

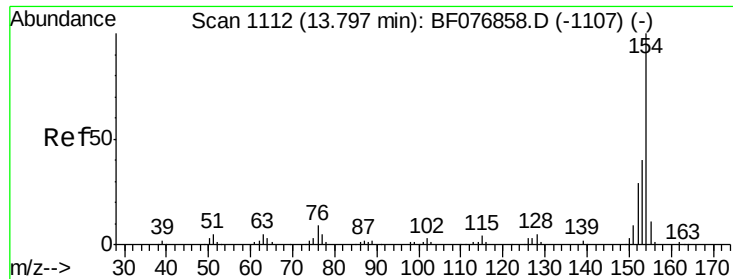
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 102.5 | 76.6  | 115.0 |
| 97      | 63.2  | 43.4  | 65.0  |
| 132     | 45.4  | 23.7  | 35.5  |



#44  
 2-Fluorobiphenyl  
 Concen: 69.26 ng  
 RT: 13.24 min Scan# 1081  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 33.6  | 26.6  | 40.0  |
| 170     | 23.2  | 18.0  | 27.0  |

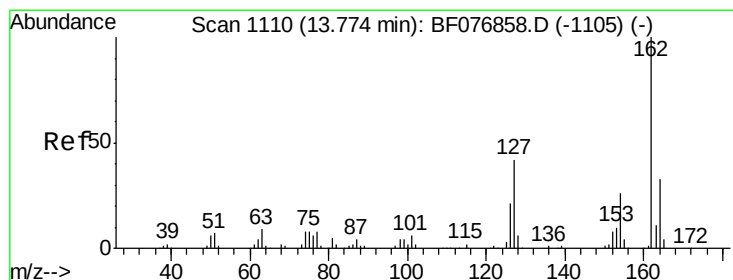
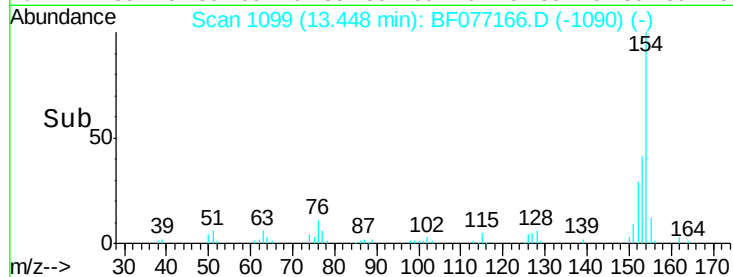
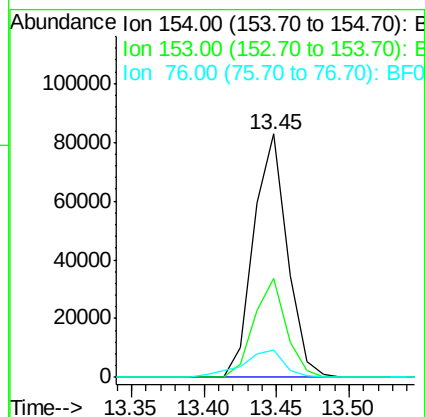
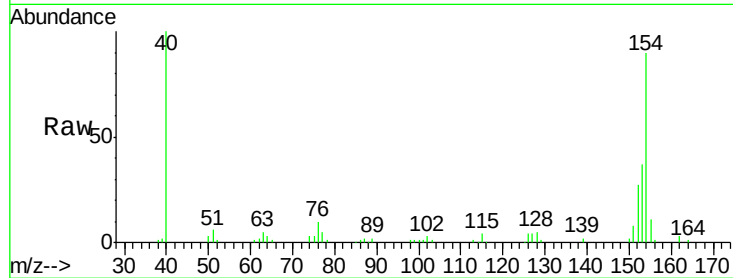




#45  
 1,1'-Biphenyl  
 Concen: 36.37 ng  
 RT: 13.45 min Scan# 1099  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

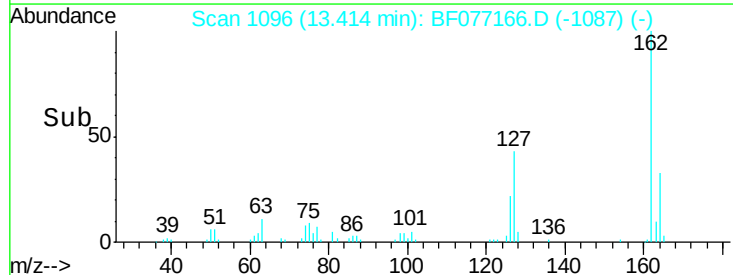
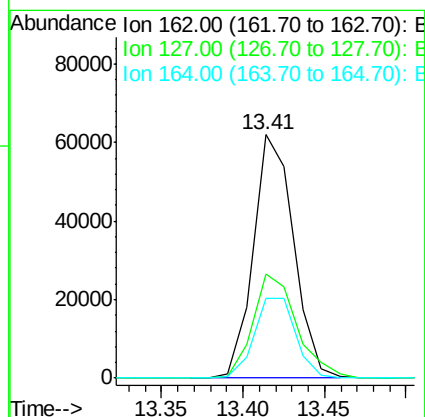
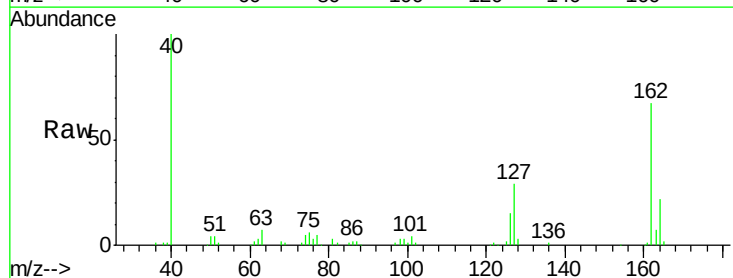
Instrument :  
 BNA\_F  
 ClientSampleId :

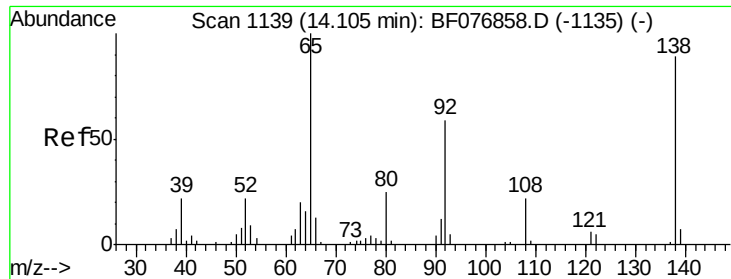
Tot Ion:154 Resp: 132682  
 Ion Ratio Lower Upper  
 154 100  
 153 40.6 20.2 60.2  
 76 11.0 0.0 29.0



#46  
 2-Chloronaphthalene  
 Concen: 35.34 ng  
 RT: 13.41 min Scan# 1096  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Tgt Ion:162 Resp: 106088  
 Ion Ratio Lower Upper  
 162 100  
 127 42.7 33.8 50.6  
 164 32.9 26.8 40.2





#47

2-Nitroaniline

Concen: 34.09 ng

RT: 13.77 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampleId :

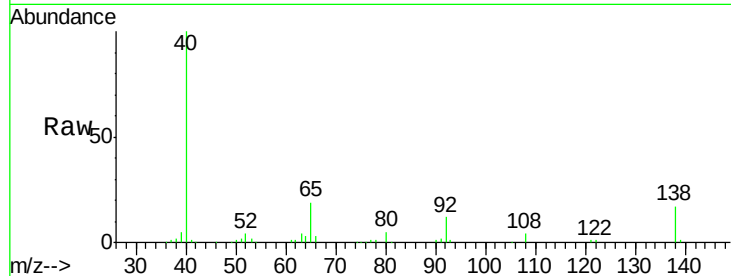
Tot Ion: 65 Resp: 31051

Ion Ratio Lower Upper

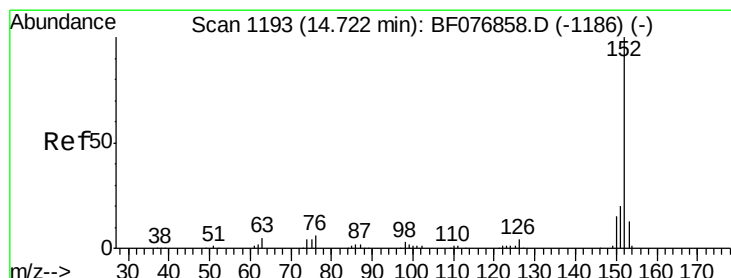
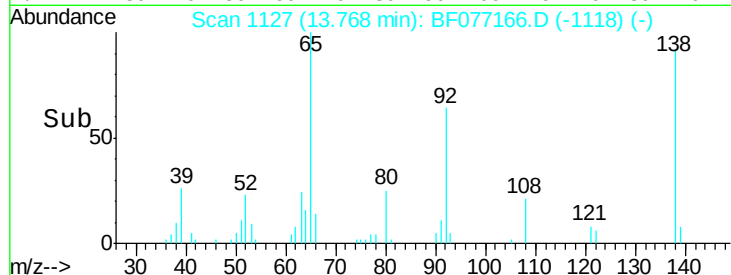
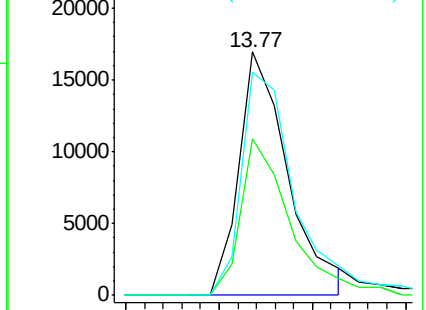
65 100

92 64.3 47.3 70.9

138 91.9 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 34.32 ng

RT: 14.36 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

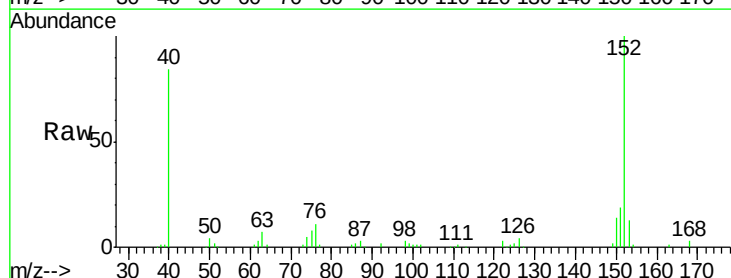
Tgt Ion: 152 Resp: 173782

Ion Ratio Lower Upper

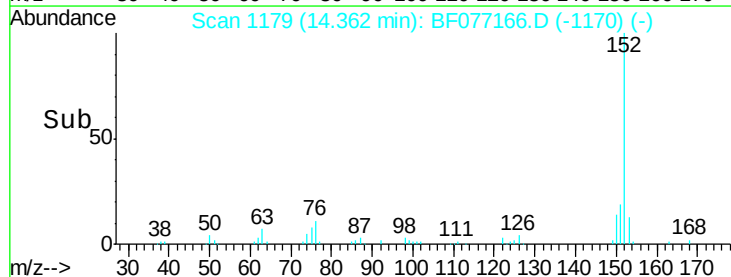
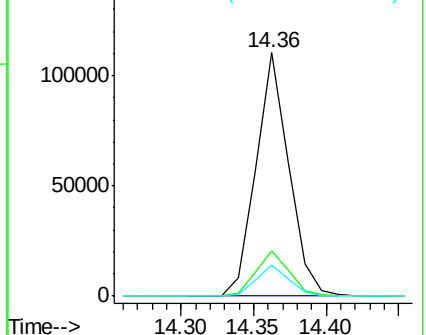
152 100

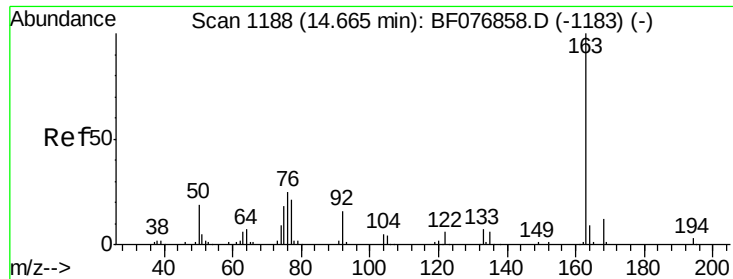
151 18.7 15.9 23.9

153 13.0 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E

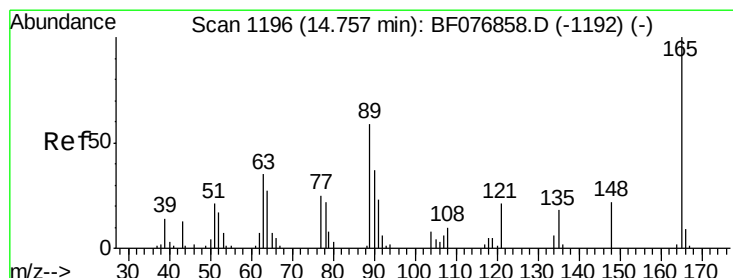
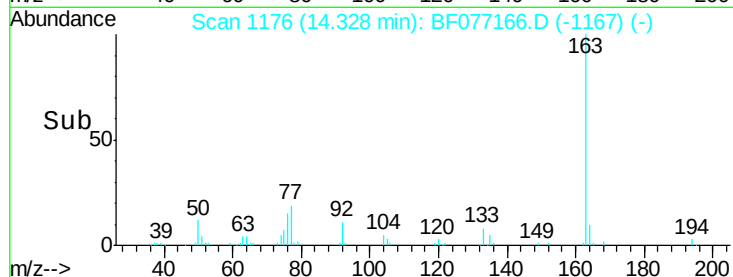
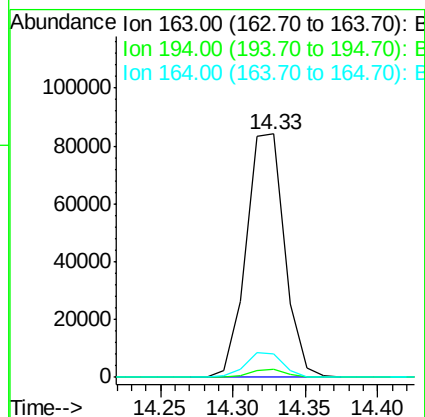
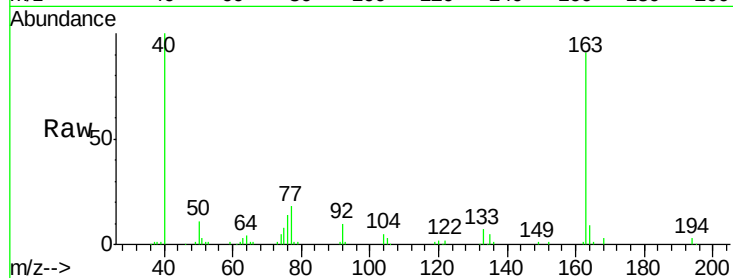




#49  
Dimethylphthalate  
Concen: 44.19 ng  
RT: 14.33 min Scan# 1176  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

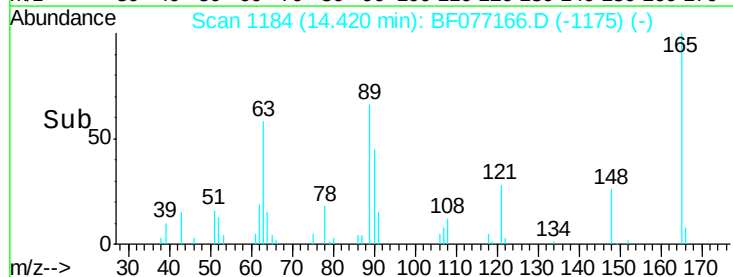
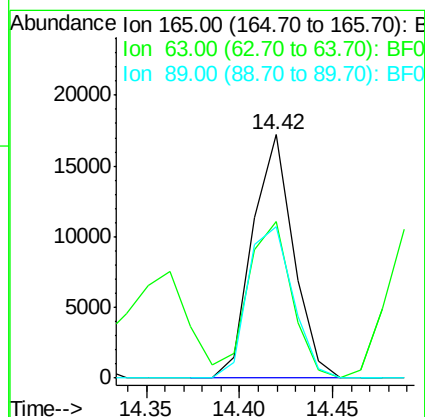
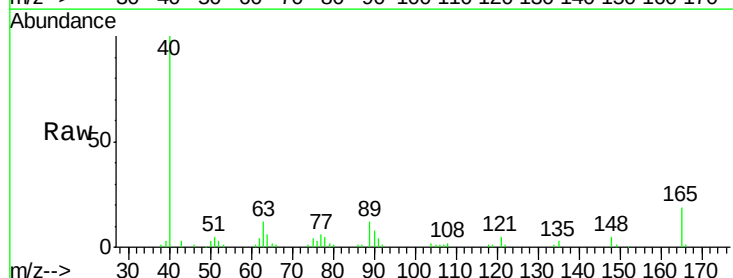
Instrument :  
BNA\_F  
ClientSampleId :

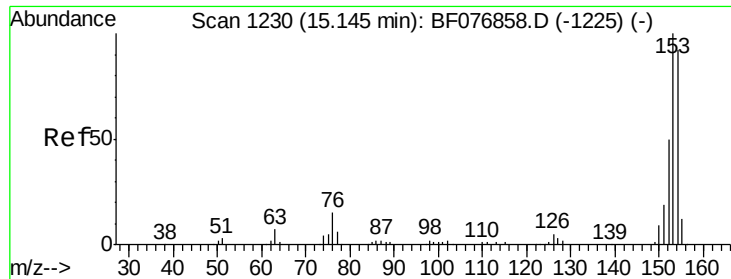
Tot Ion:163 Resp: 154216  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.6 4.0  
164 9.7 7.5 11.3



#50  
2,6-Dinitrotoluene  
Concen: 37.60 ng  
RT: 14.42 min Scan# 1184  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion:165 Resp: 26220  
Ion Ratio Lower Upper  
165 100  
63 64.6 48.1 72.1  
89 62.5 47.2 70.8





#51

Acenaphthene

Concen: 33.92 ng

RT: 14.79 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampleId :

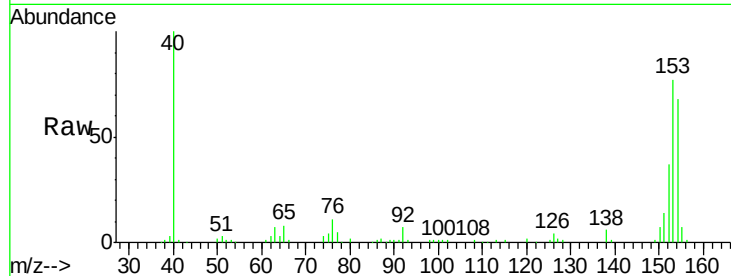
Tot Ion:154 Resp: 97462

Ion Ratio Lower Upper

154 100

153 112.2 87.0 130.6

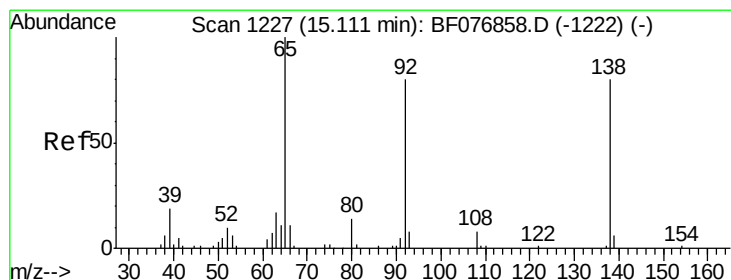
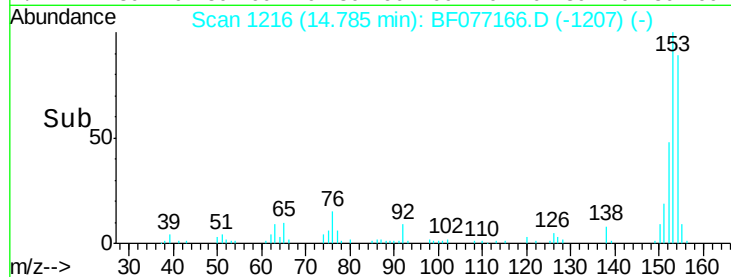
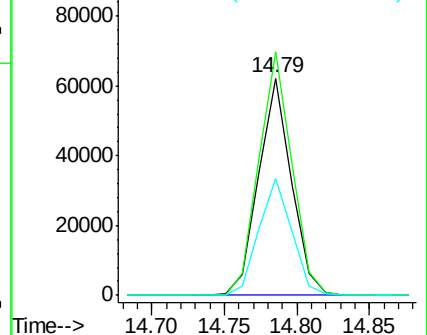
152 53.7 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.48 ng

RT: 14.76 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

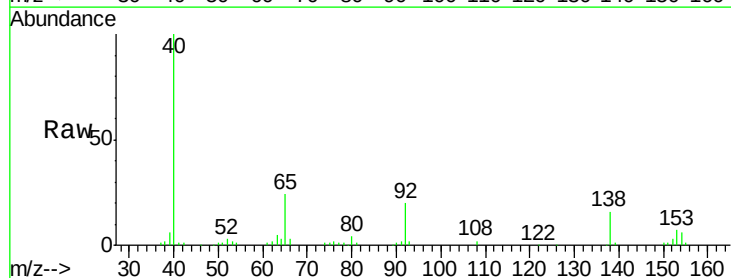
Tgt Ion:138 Resp: 27130

Ion Ratio Lower Upper

138 100

108 13.2 8.3 12.5#

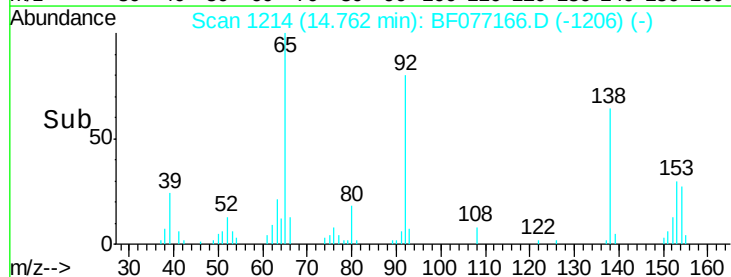
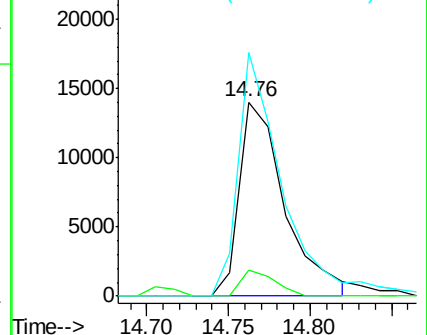
92 125.7 80.9 121.3#

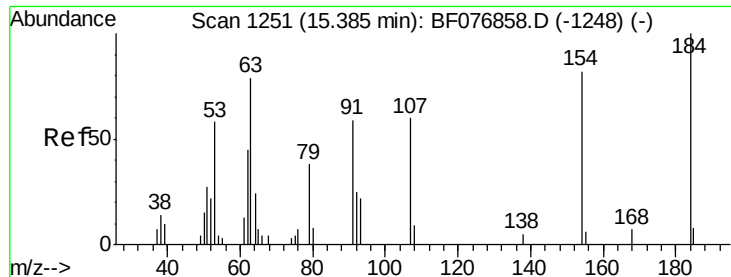


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

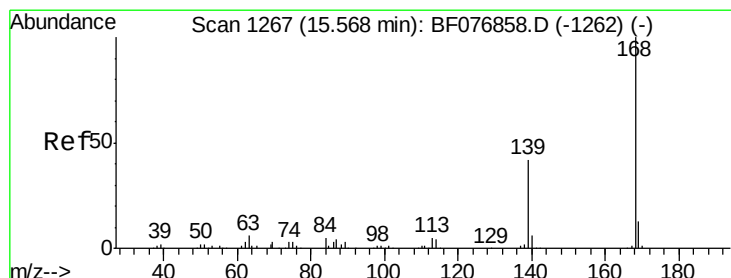
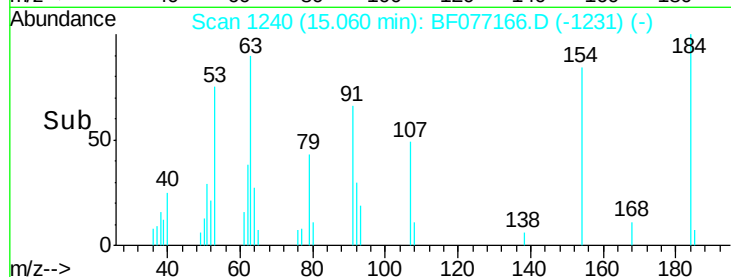
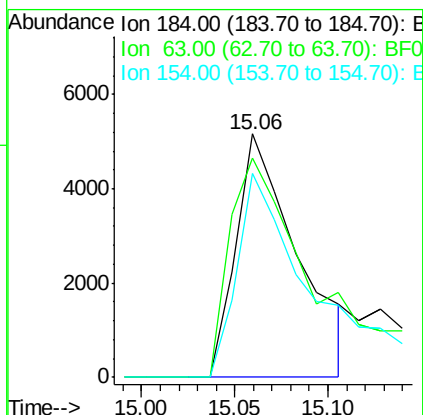
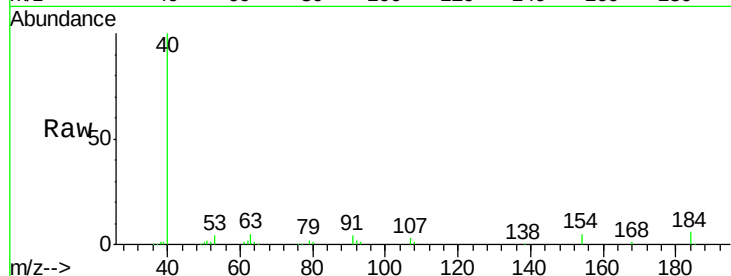




#53  
 2,4-Dinitrophenol  
 Concen: 42.71 ng  
 RT: 15.06 min Scan# 1240  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

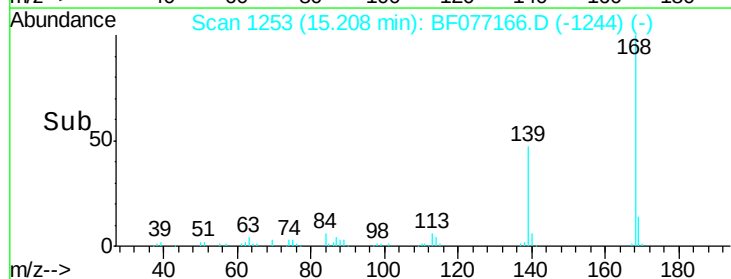
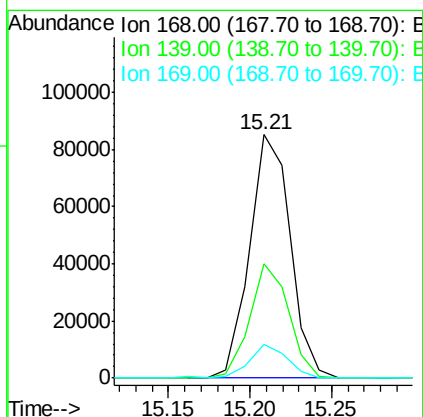
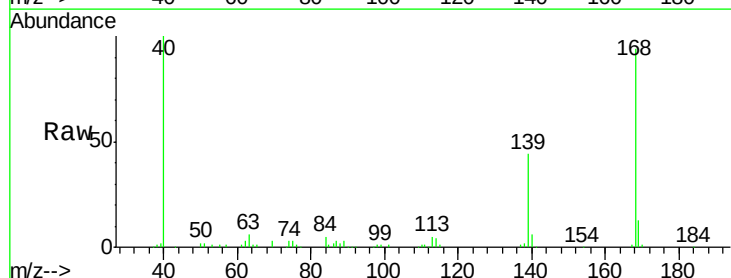
Instrument :  
 BNA\_F  
 ClientSampled :

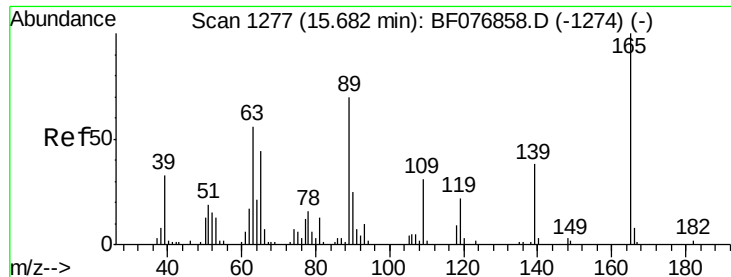
Tot Ion:184 Resp: 11875  
 Ion Ratio Lower Upper  
 184 100  
 63 90.1 63.0 94.6  
 154 83.9 65.5 98.3



#54  
 Dibenzofuran  
 Concen: 35.25 ng  
 RT: 15.21 min Scan# 1253  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Tgt Ion:168 Resp: 147534  
 Ion Ratio Lower Upper  
 168 100  
 139 46.8 33.4 50.2  
 169 13.6 10.6 15.8

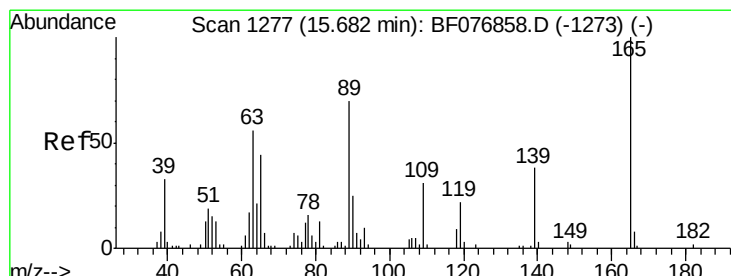
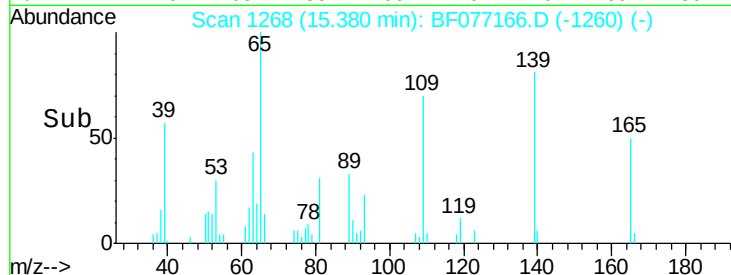
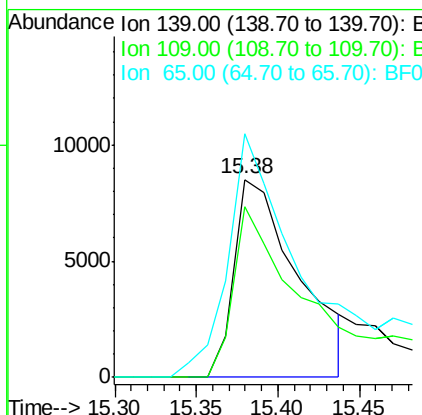
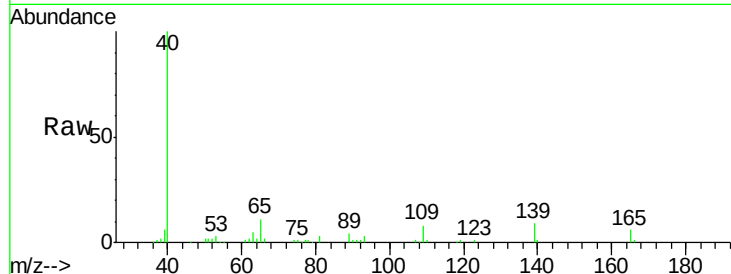




#55  
4-Nitrophenol  
Concen: 42.50 ng  
RT: 15.38 min Scan# 1268  
Delta R.T. -0.01 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

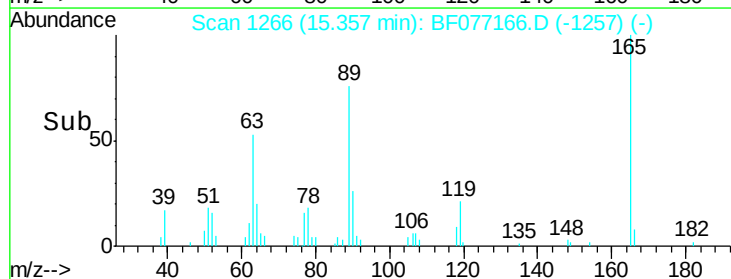
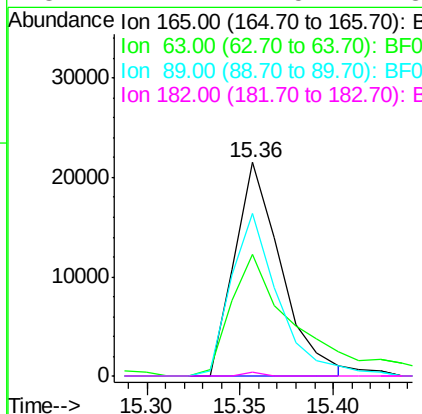
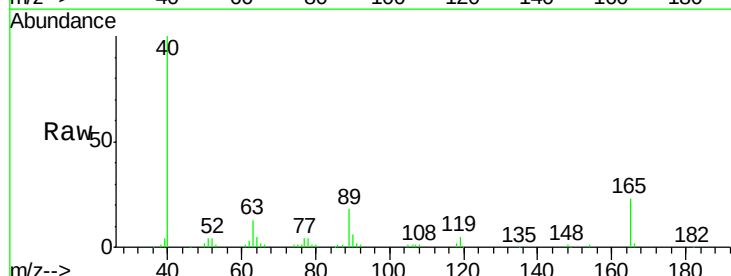
Instrument :  
BNA\_F  
ClientSampled :

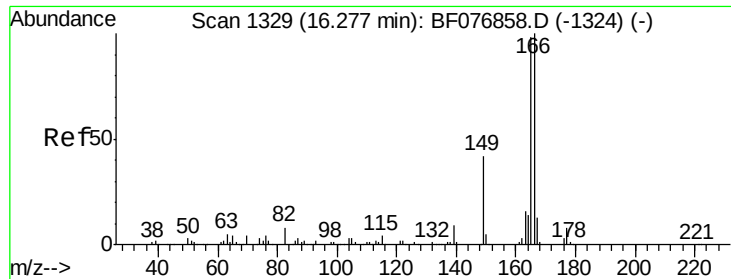
Tot Ion:139 Resp: 23249  
Ion Ratio Lower Upper  
139 100  
109 86.1 61.0 101.0  
65 123.1 96.6 136.6



#56  
2,4-Dinitrotoluene  
Concen: 36.44 ng  
RT: 15.36 min Scan# 1266  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion:165 Resp: 37537  
Ion Ratio Lower Upper  
165 100  
63 57.0 44.8 67.2  
89 76.3 56.2 84.2  
182 2.1 1.5 2.3

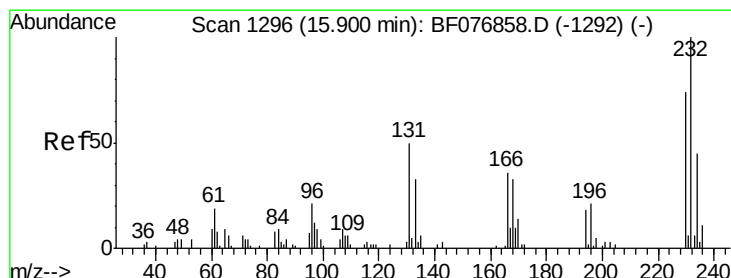
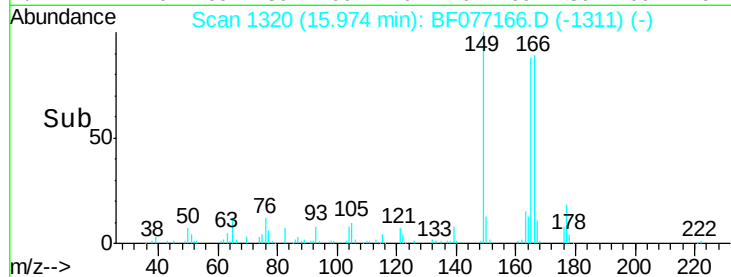
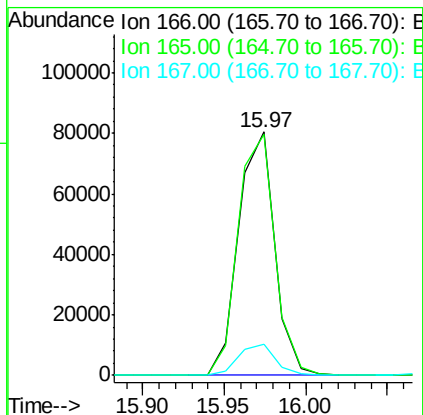
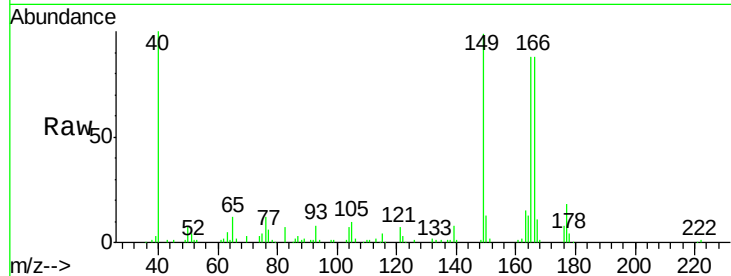




#57  
 Fluorene  
 Concen: 34.79 ng  
 RT: 15.97 min Scan# 1320  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

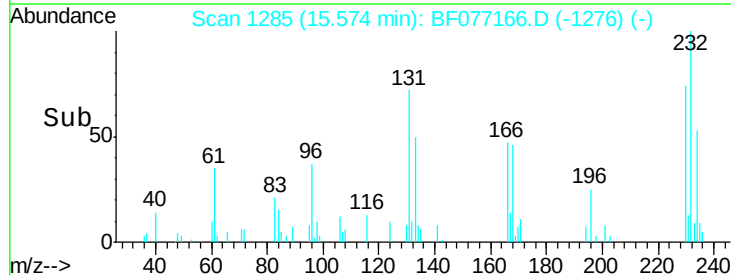
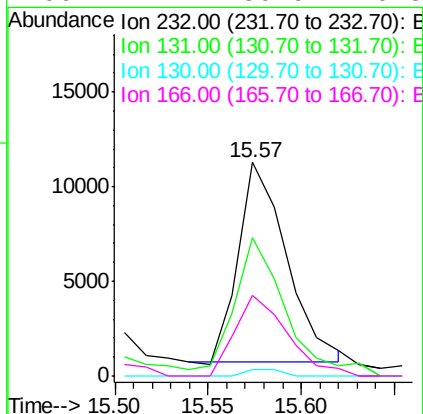
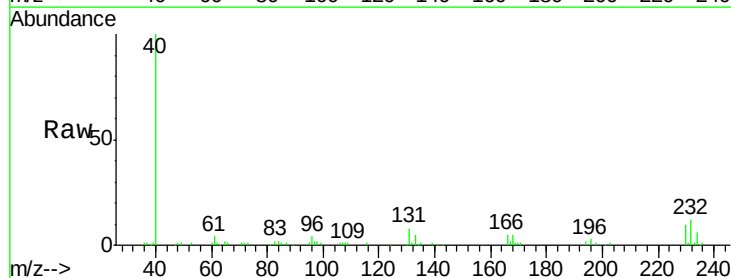
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:166 Resp: 123380  
 Ion Ratio Lower Upper  
 166 100  
 165 99.2 78.5 117.7  
 167 12.8 10.4 15.6

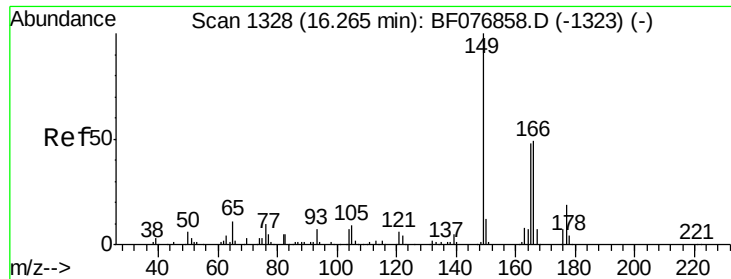


#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 28.65 ng  
 RT: 15.57 min Scan# 1285  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Tgt Ion:232 Resp: 18861  
 Ion Ratio Lower Upper  
 232 100  
 131 63.4 45.0 67.6  
 130 2.6 2.6 3.8  
 166 44.2 30.9 46.3



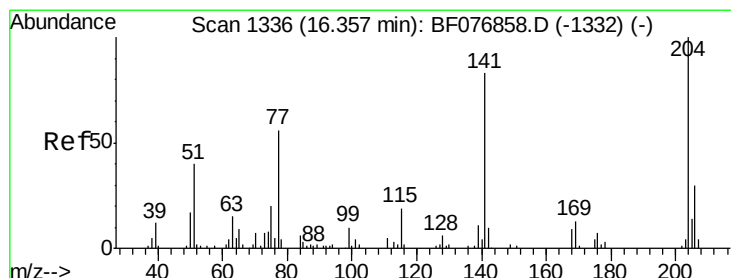
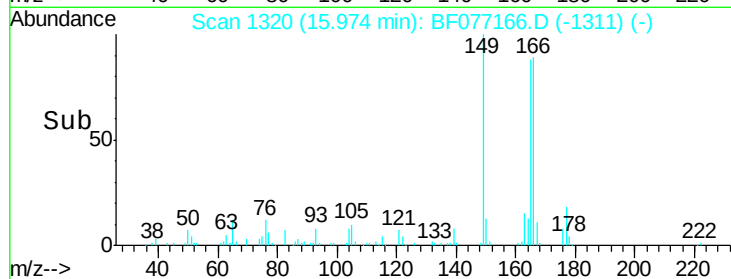
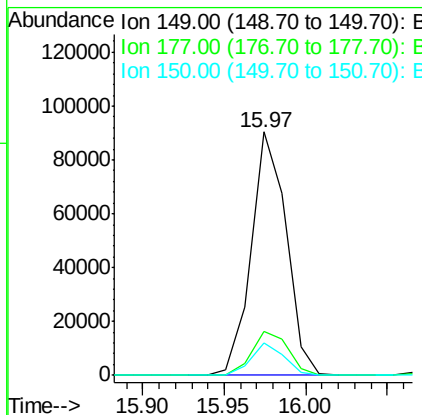
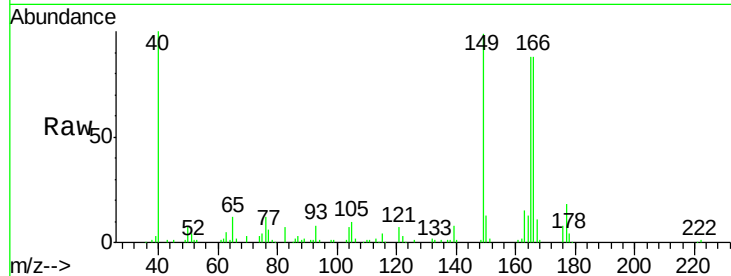




#59  
Diethylphthalate  
Concen: 38.31 ng  
RT: 15.97 min Scan# 1320  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

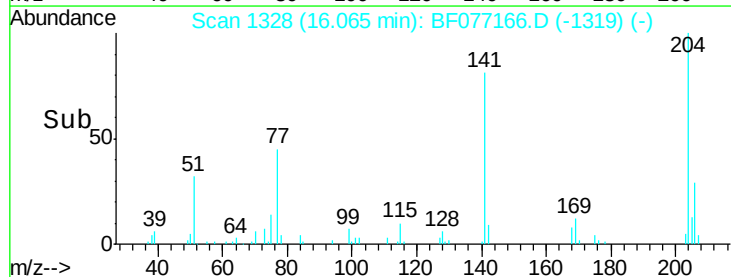
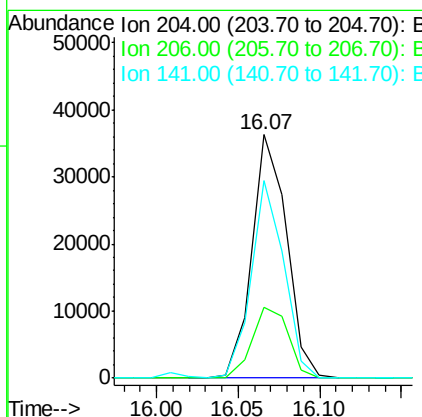
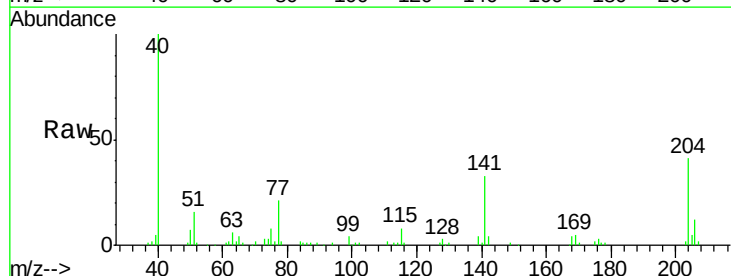
Instrument :  
BNA\_F  
ClientSampleId :

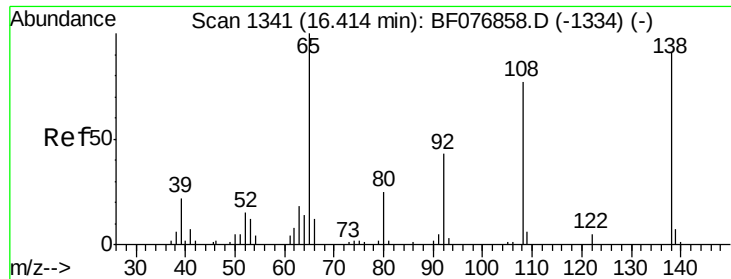
Tot Ion:149 Resp: 135118  
Ion Ratio Lower Upper  
149 100  
177 17.9 15.0 22.6  
150 13.2 9.4 14.0



#60  
4-Chlorophenyl-phenylether  
Concen: 37.03 ng  
RT: 16.07 min Scan# 1328  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion:204 Resp: 53724  
Ion Ratio Lower Upper  
204 100  
206 29.3 24.2 36.2  
141 81.3 66.7 100.1

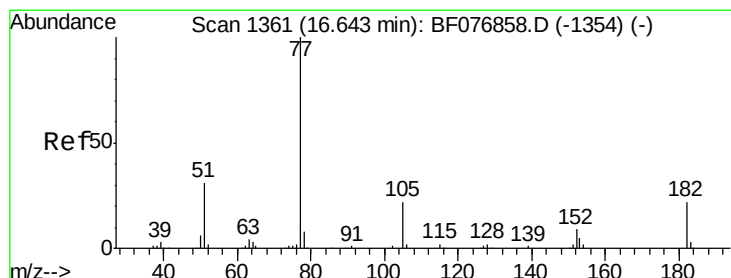
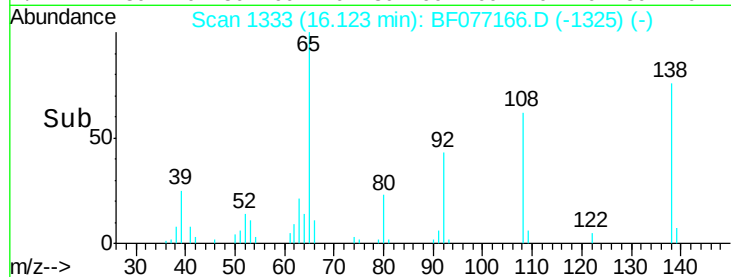
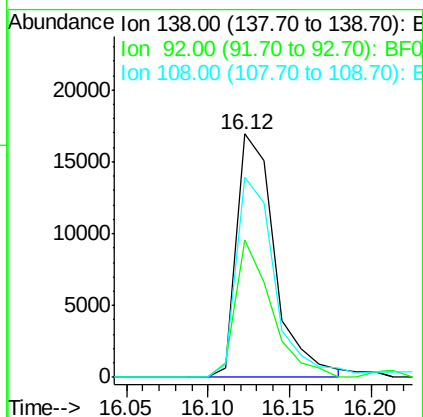
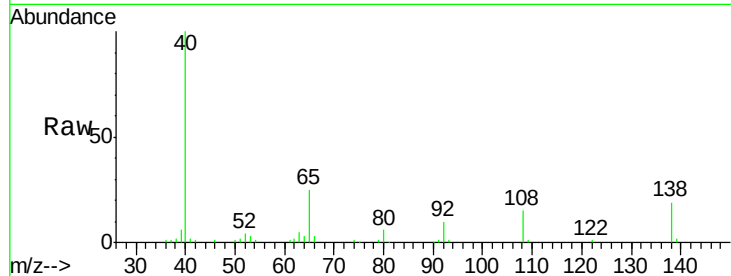




#61  
4-Nitroaniline  
Concen: 31.80 ng  
RT: 16.12 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

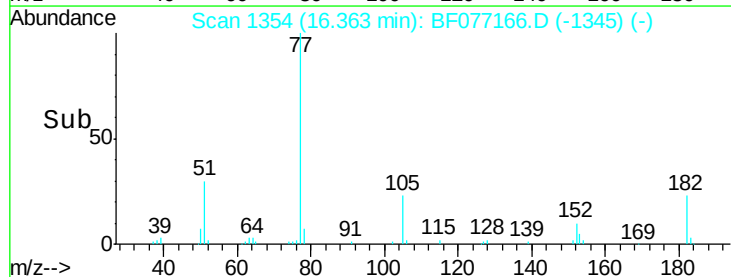
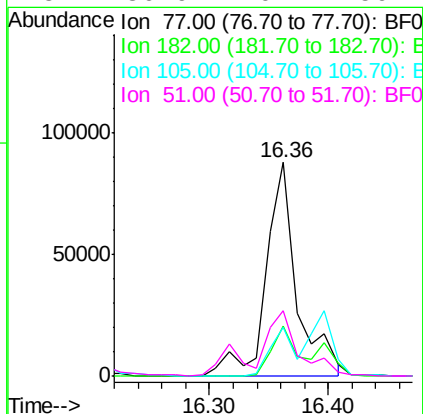
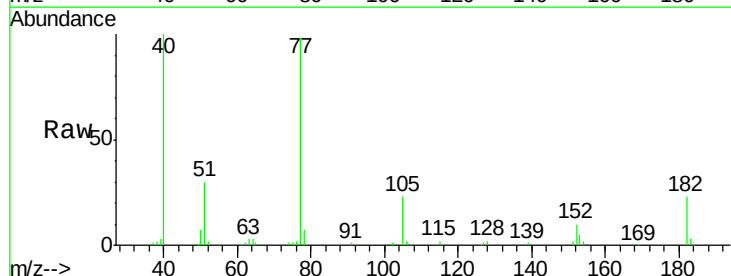
Instrument :  
BNA\_F  
ClientSampleId :

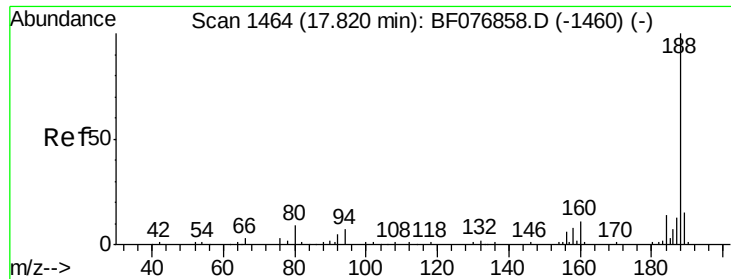
Tot Ion:138 Resp: 27513  
Ion Ratio Lower Upper  
138 100  
92 56.4 26.7 66.7  
108 82.4 64.5 104.5



#62  
Azobenzene  
Concen: 43.58 ng  
RT: 16.36 min Scan# 1354  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion: 77 Resp: 160173  
Ion Ratio Lower Upper  
77 100  
182 23.2 2.0 42.0  
105 23.0 2.3 42.3  
51 30.9 10.7 50.7

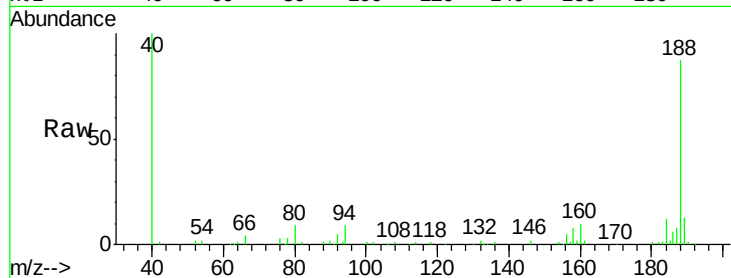




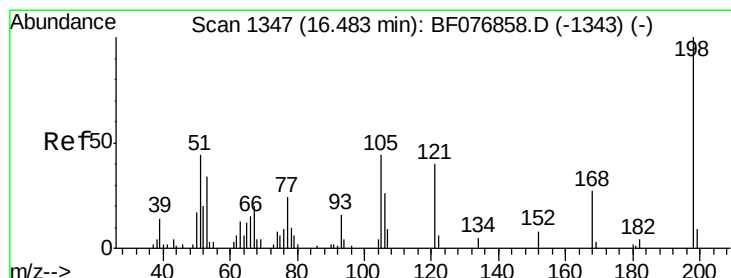
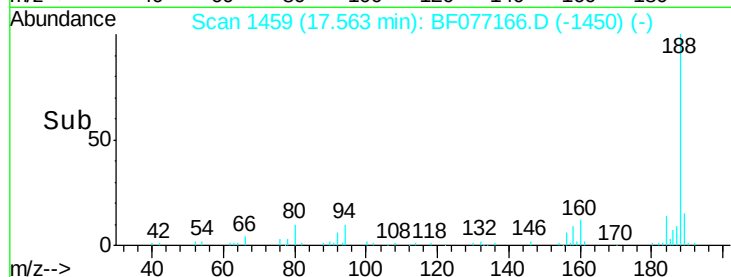
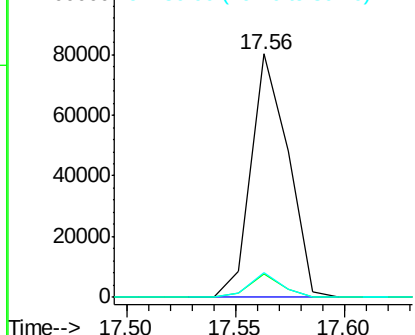
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.56 min Scan# 1459  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:188 Resp: 95221  
 Ion Ratio Lower Upper  
 188 100  
 94 9.8 6.0 9.0#  
 80 10.0 6.9 10.3

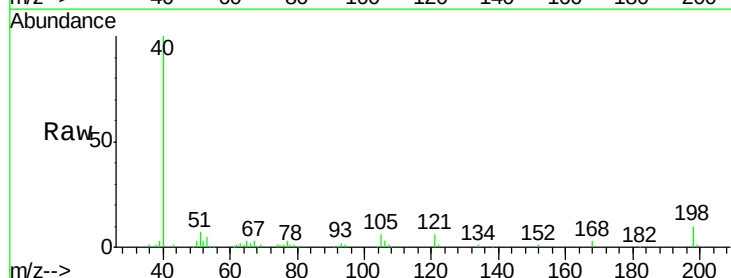


Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BF0  
 Ion 80.00 (79.70 to 80.70): BF0

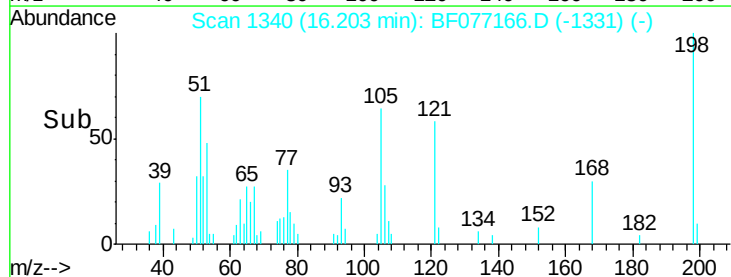
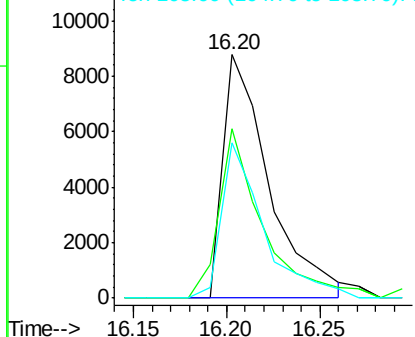


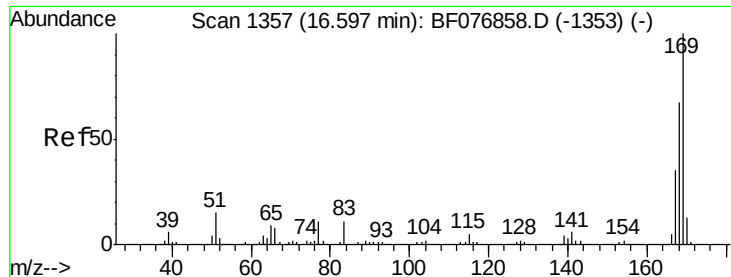
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 26.40 ng  
 RT: 16.20 min Scan# 1340  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Tgt Ion:198 Resp: 15178  
 Ion Ratio Lower Upper  
 198 100  
 51 69.7 24.2 64.2#  
 105 63.7 24.0 64.0



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

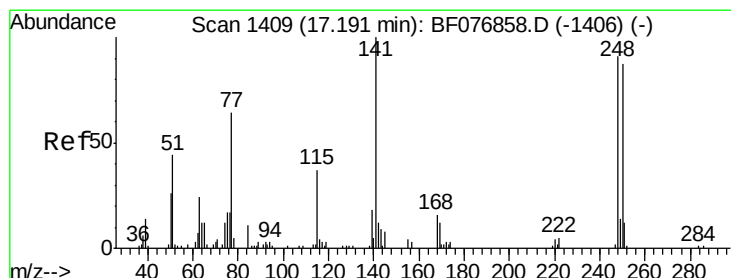
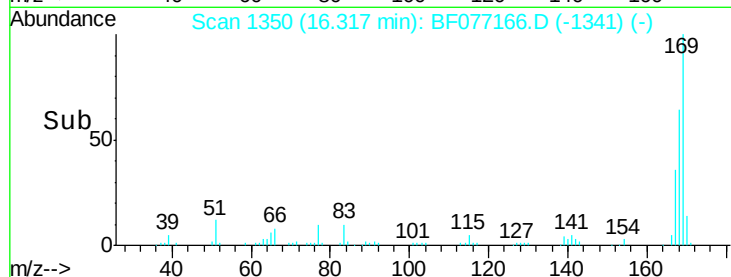
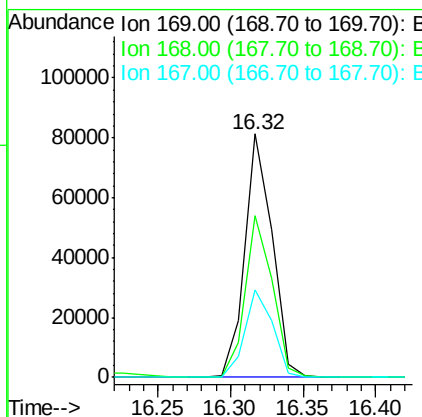
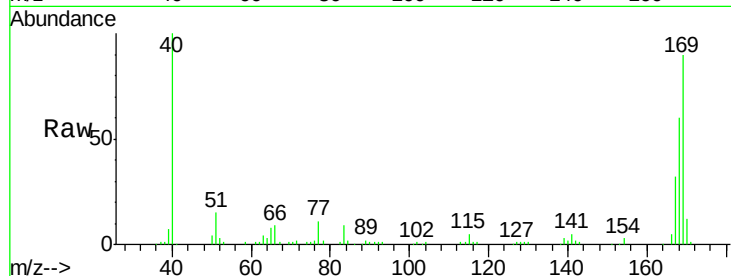




#65  
 n-Nitrosodiphenylamine  
 Concen: 31.44 ng  
 RT: 16.32 min Scan# 1350  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

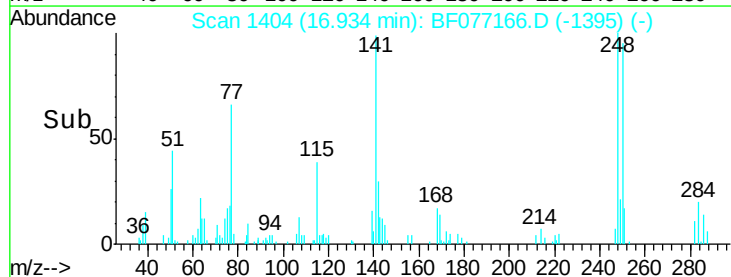
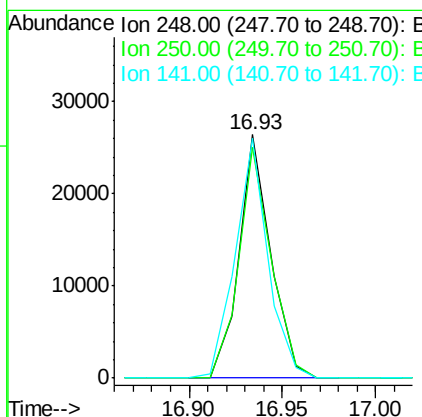
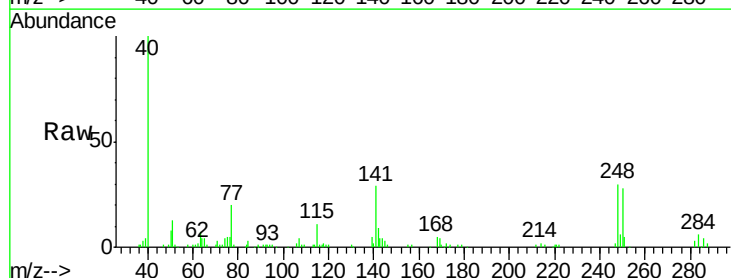
Instrument :  
 BNA\_F  
 ClientSampleId :

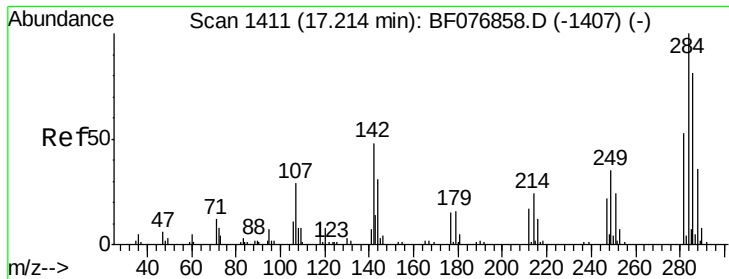
Tot Ion:169 Resp: 106739  
 Ion Ratio Lower Upper  
 169 100  
 168 66.5 53.8 80.6  
 167 35.9 27.8 41.6



#66  
 4-Bromophenyl-phenylether  
 Concen: 32.36 ng  
 RT: 16.93 min Scan# 1404  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Tgt Ion:248 Resp: 31219  
 Ion Ratio Lower Upper  
 248 100  
 250 94.6 77.1 115.7  
 141 98.7 88.2 132.4

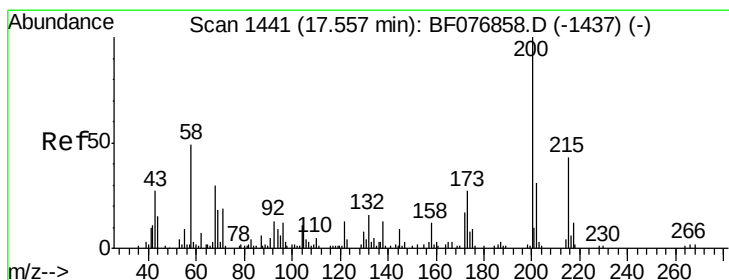
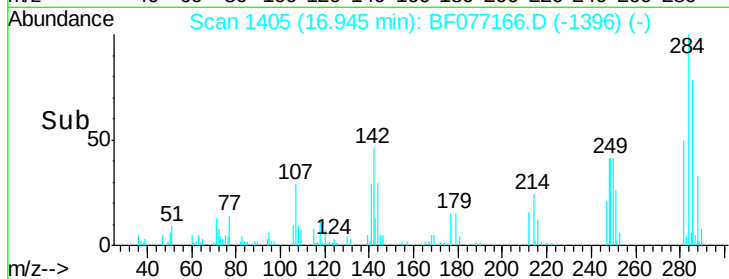
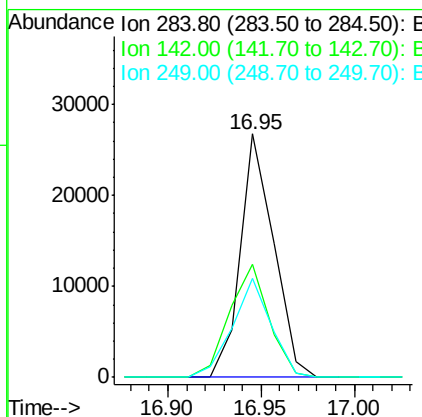
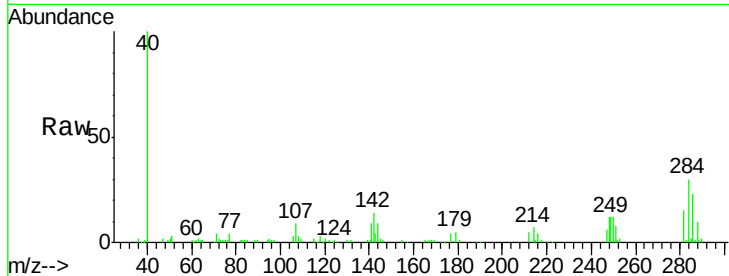




#67  
Hexachlorobenzene  
Concen: 32.65 ng  
RT: 16.95 min Scan# 1405  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

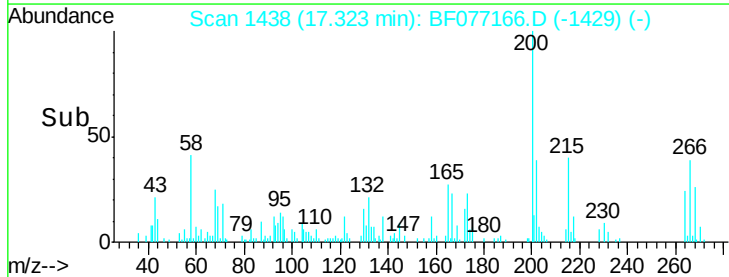
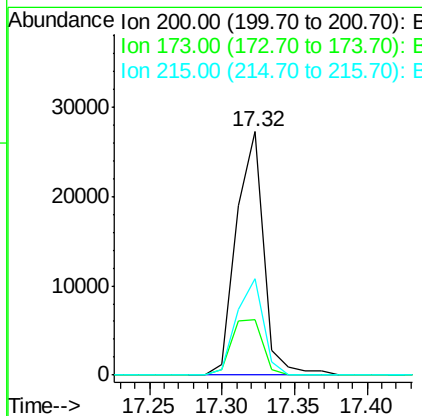
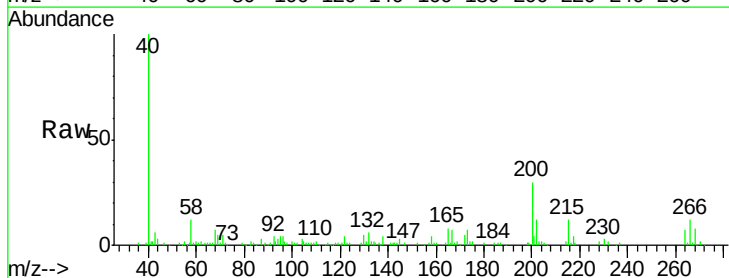
Instrument :  
BNA\_F  
ClientSampleId :

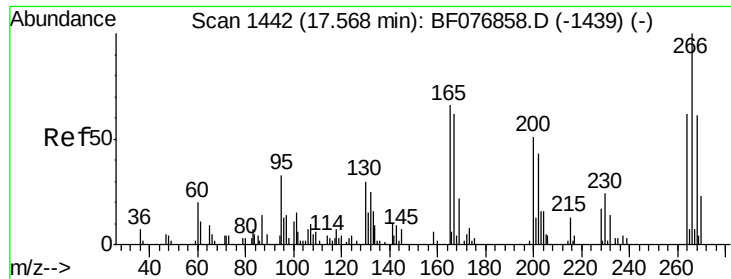
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 46.2  | 38.2  | 57.4  |
| 249     | 40.6  | 28.2  | 42.2  |



#68  
Atrazine  
Concen: 34.69 ng  
RT: 17.32 min Scan# 1438  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.0  | 6.6   | 46.6  |
| 215     | 39.5  | 22.9  | 62.9  |

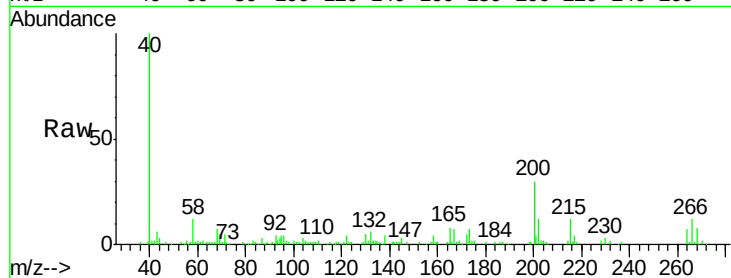




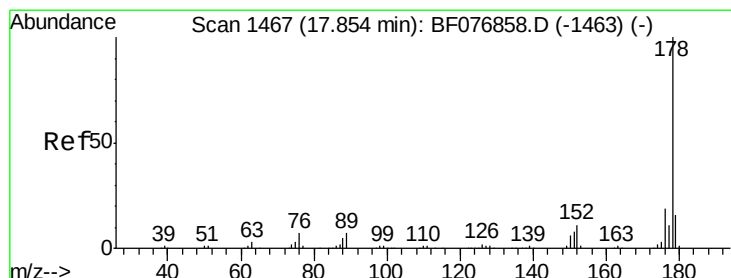
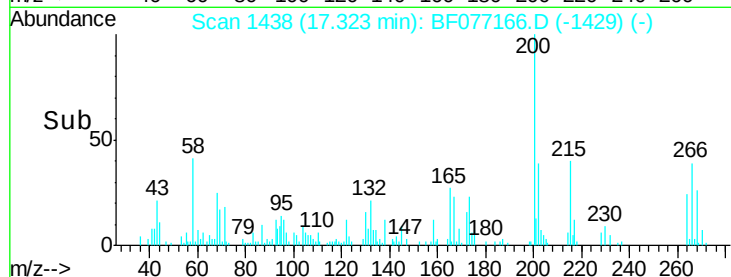
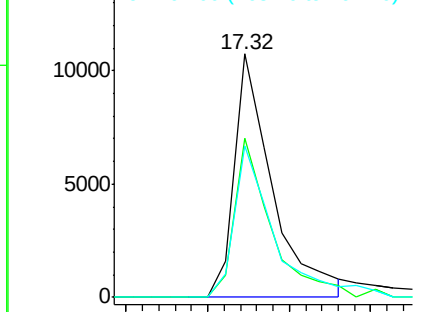
#69  
**Pentachlorophenol**  
 Concen: 40.80 ng  
 RT: 17.32 min Scan# 1438  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.4  | 48.6  | 72.8  |
| 264     | 62.1  | 49.5  | 74.3  |

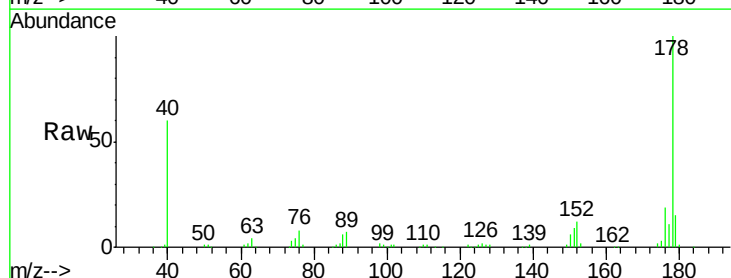


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

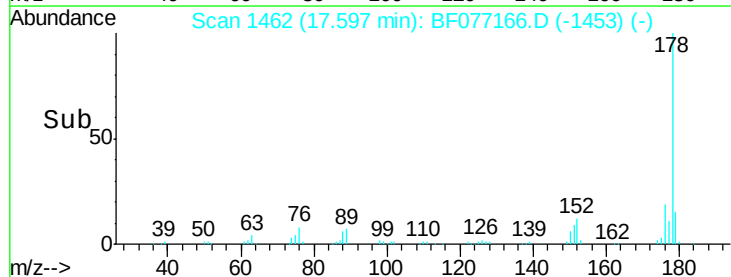
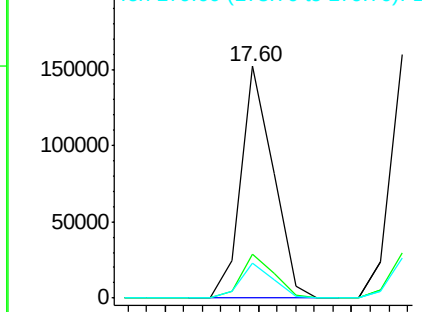


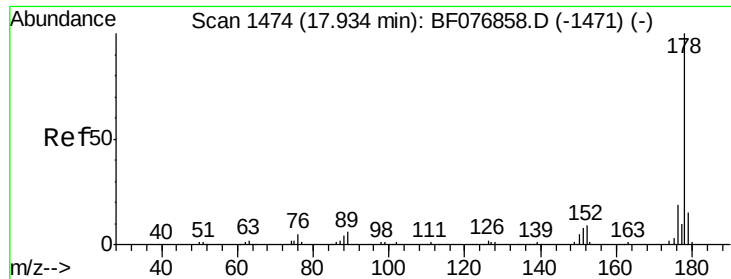
#70  
**Phenanthrene**  
 Concen: 30.80 ng  
 RT: 17.60 min Scan# 1462  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 15.1  | 22.7  |
| 179     | 15.3  | 12.7  | 19.1  |



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

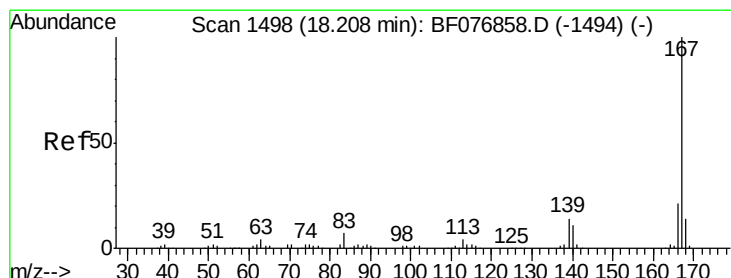
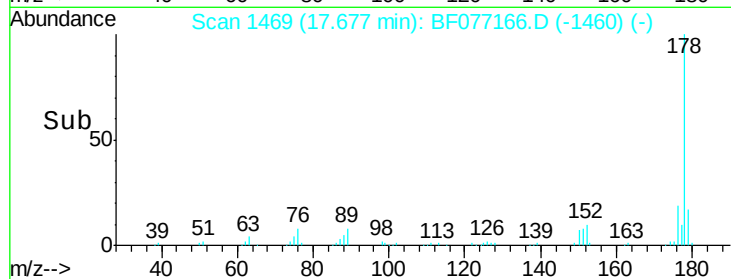
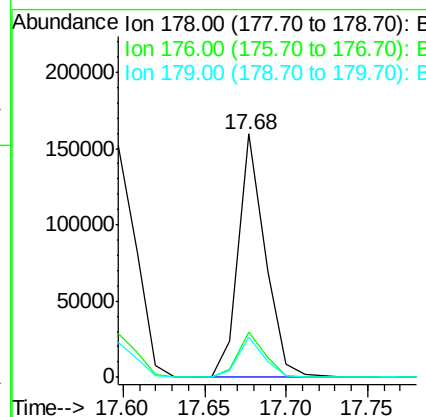
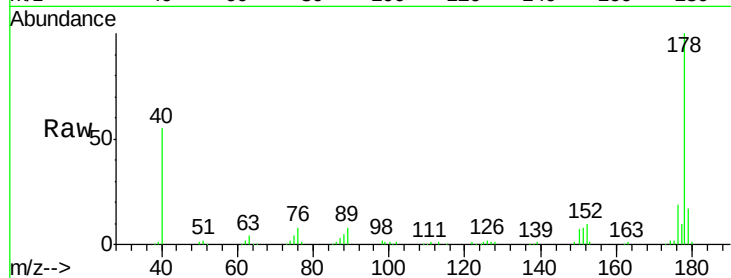




#71  
 Anthracene  
 Concen: 30.99 ng  
 RT: 17.68 min Scan# 1469  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

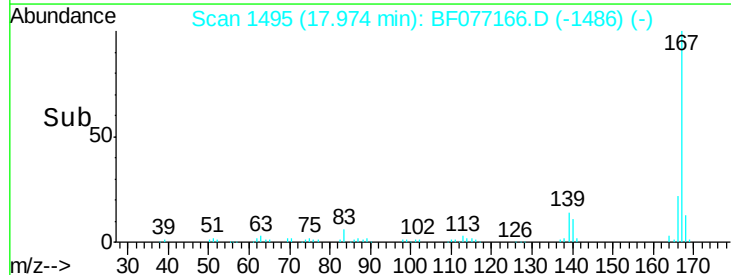
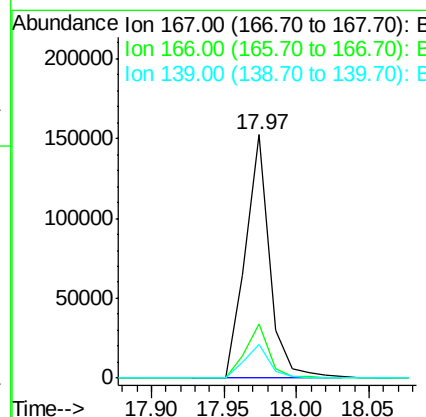
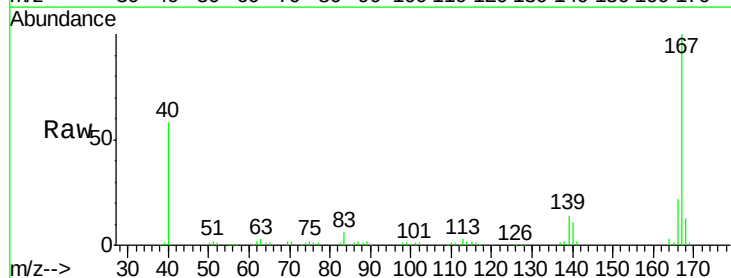
Instrument :  
 BNA\_F  
 ClientSampleId :

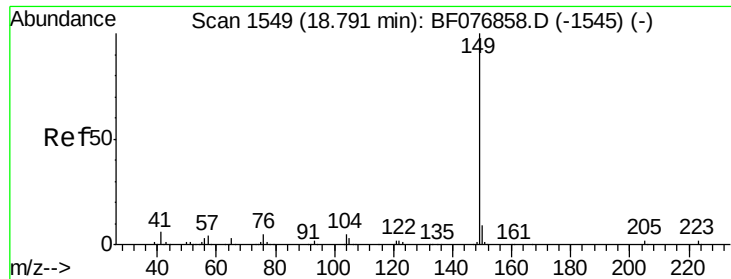
Tot Ion:178 Resp: 179437  
 Ion Ratio Lower Upper  
 178 100  
 176 18.5 15.4 23.0  
 179 16.7 11.9 17.9



#72  
 Carbazole  
 Concen: 31.60 ng  
 RT: 17.97 min Scan# 1495  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Tgt Ion:167 Resp: 177459  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 17.0 25.6  
 139 13.8 11.3 16.9

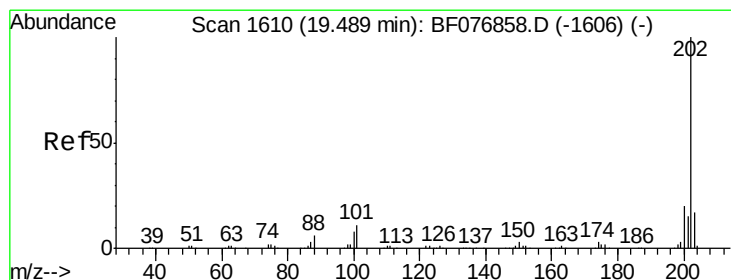
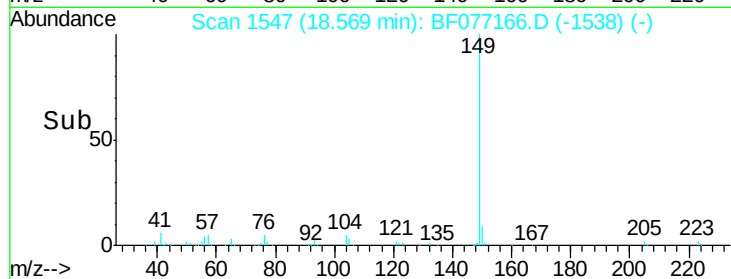
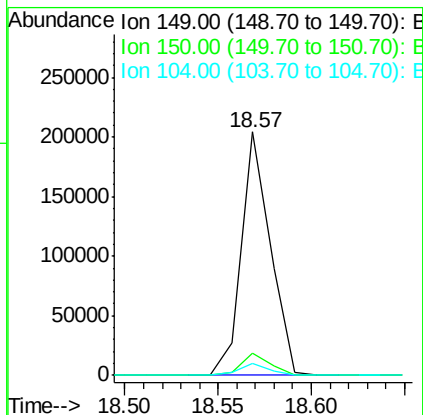
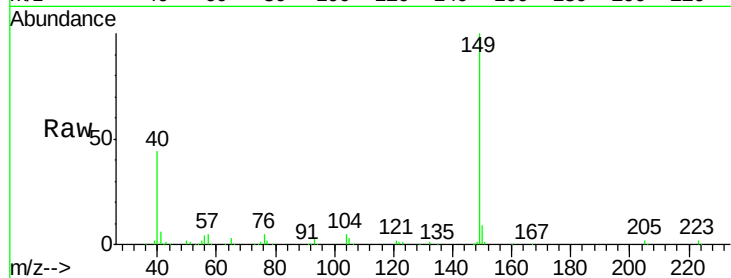




#73  
Di-n-butylphthalate  
Concen: 34.19 ng  
RT: 18.57 min Scan# 1547  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

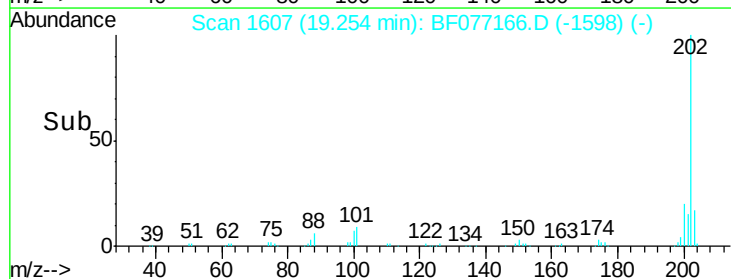
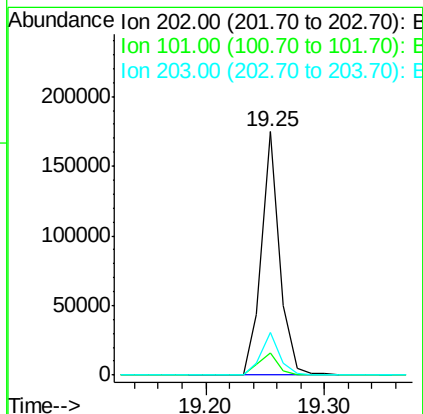
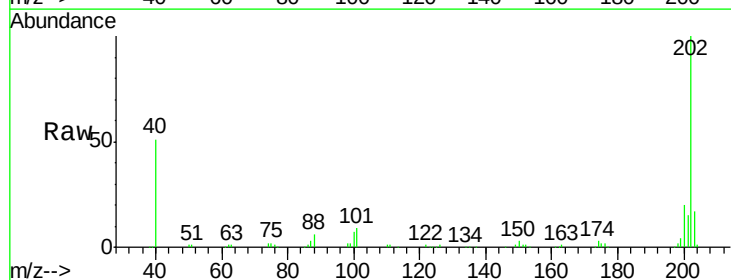
Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:149 Resp: 222255  
Ion Ratio Lower Upper  
149 100  
150 8.9 6.9 10.3  
104 4.9 3.7 5.5

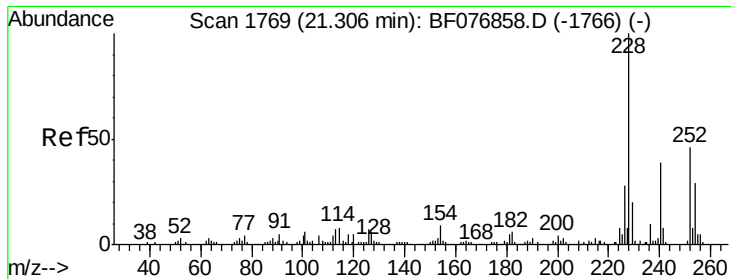


#74  
Fluoranthene  
Concen: 31.10 ng  
RT: 19.25 min Scan# 1607  
Delta R.T. -0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion:202 Resp: 189215  
Ion Ratio Lower Upper  
202 100  
101 9.2 0.0 30.7  
203 17.3 0.0 36.9







#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.07 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampled :

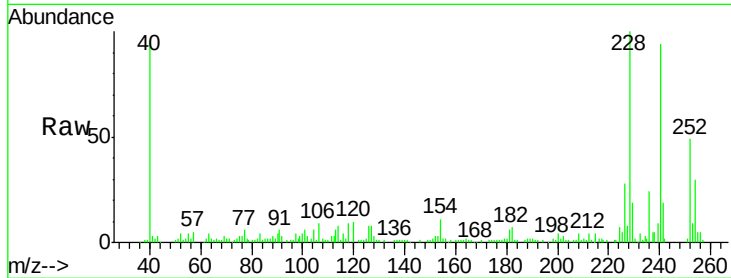
Tot Ion:240 Resp: 92819

Ion Ratio Lower Upper

240 100

120 11.0 10.4 15.6

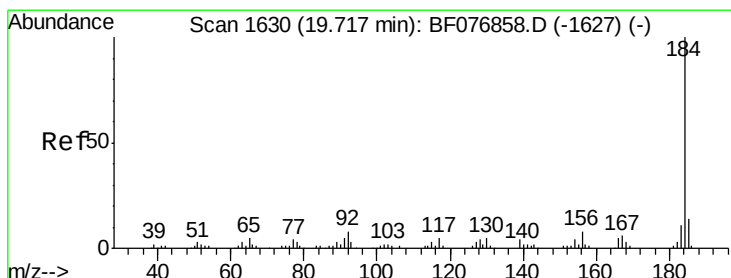
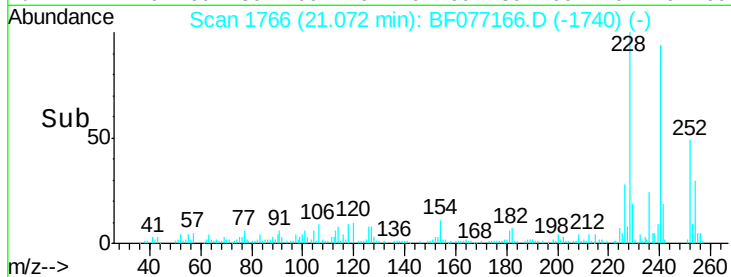
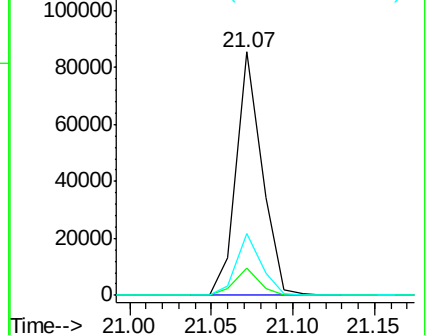
236 25.6 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.20 ng

RT: 19.51 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

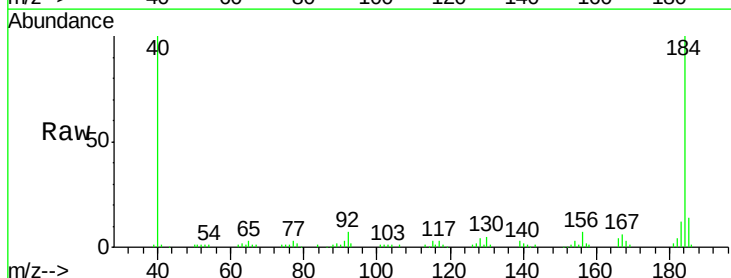
Tgt Ion:184 Resp: 119390

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.2

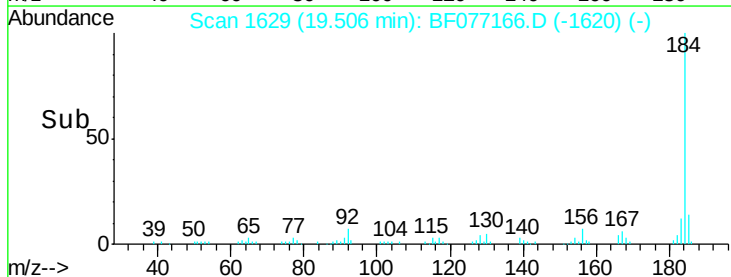
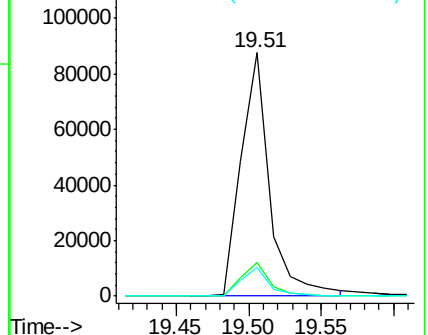
183 11.7 9.0 13.6

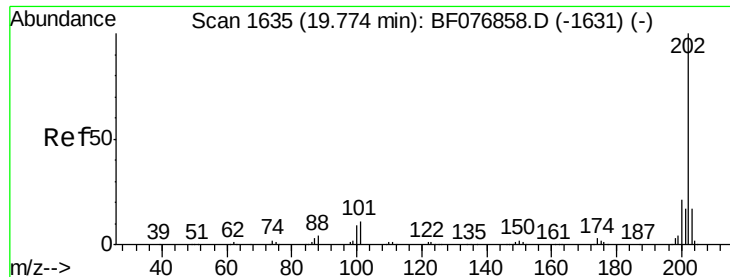


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

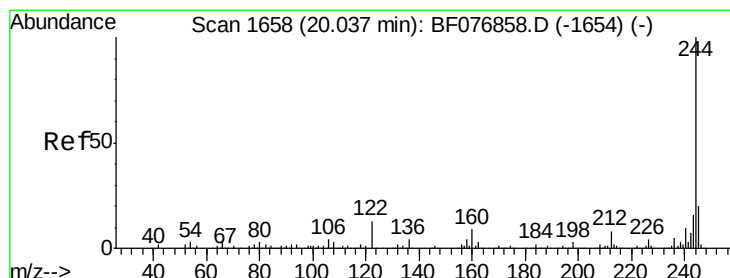
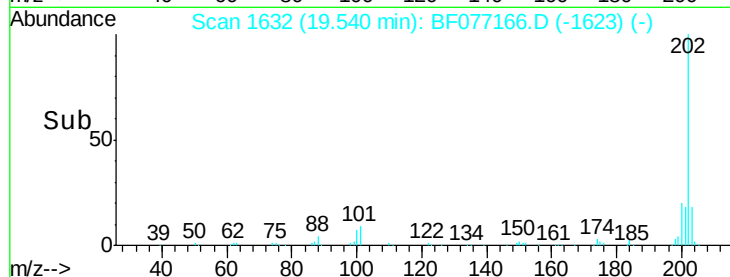
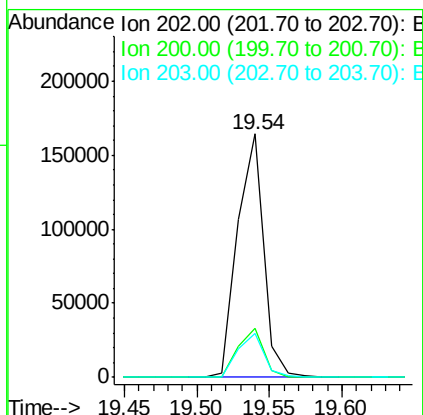
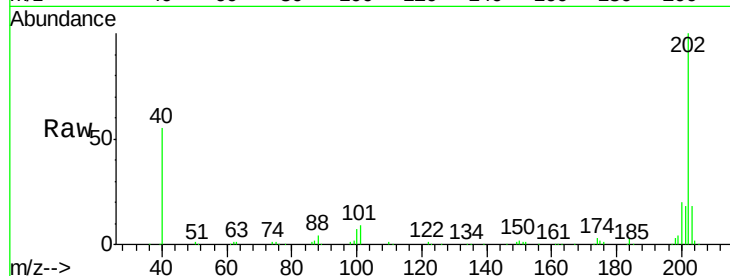




#77  
 Pvrene  
 Concen: 32.08 ng  
 RT: 19.54 min Scan# 1632  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

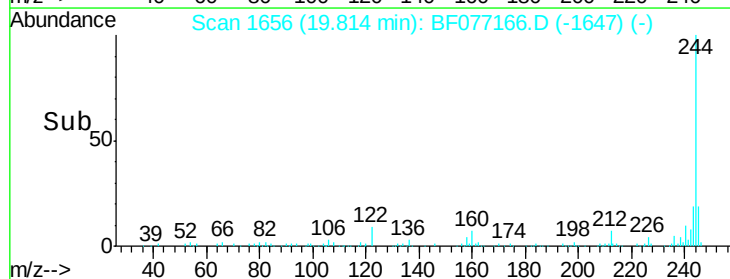
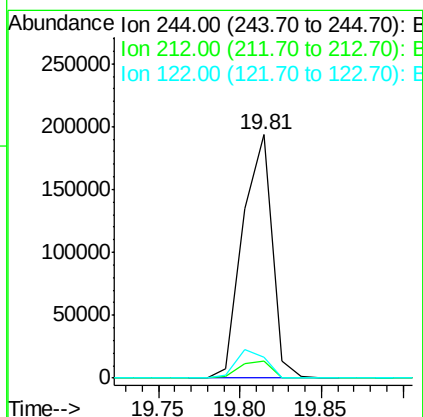
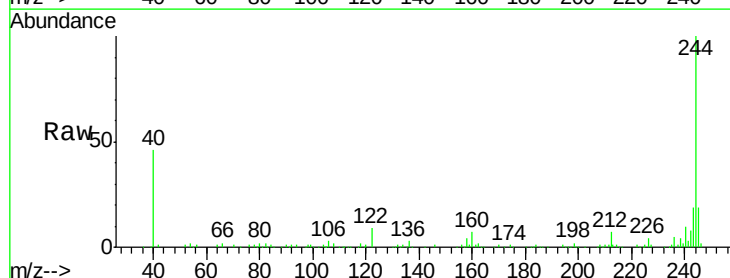
Instrument :  
 BNA\_F  
 ClientSampleId :

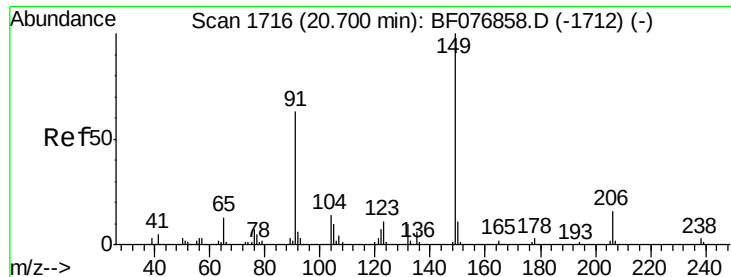
Tot Ion:202 Resp: 204084  
 Ion Ratio Lower Upper  
 202 100  
 200 20.3 16.7 25.1  
 203 17.9 14.0 21.0



#78  
 Terphenyl-d14  
 Concen: 59.65 ng  
 RT: 19.81 min Scan# 1656  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Tgt Ion:244 Resp: 240512  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.3 9.5  
 122 8.6 10.1 15.1#





#79

Butylbenzylphthalate

Concen: 35.00 ng

RT: 20.48 min Scan# 1714

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampleId :

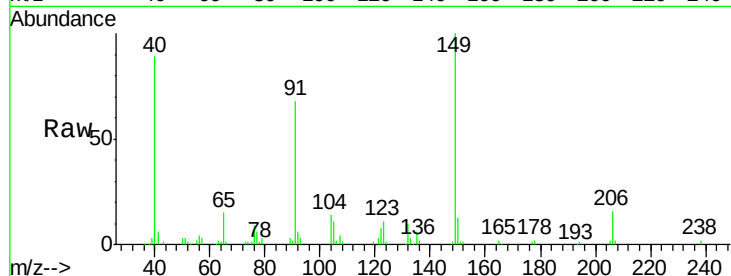
Tot Ion:149 Resp: 100825

Ion Ratio Lower Upper

149 100

91 67.8 50.6 76.0

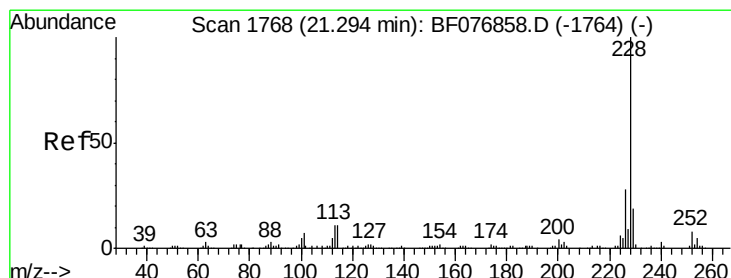
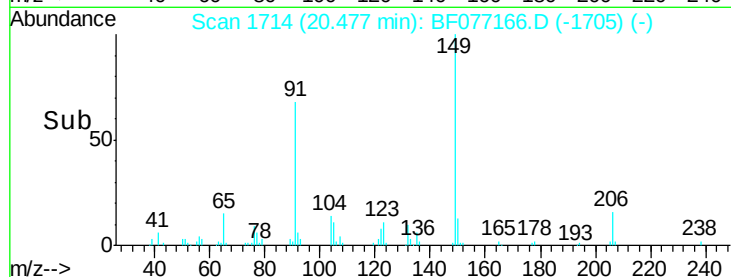
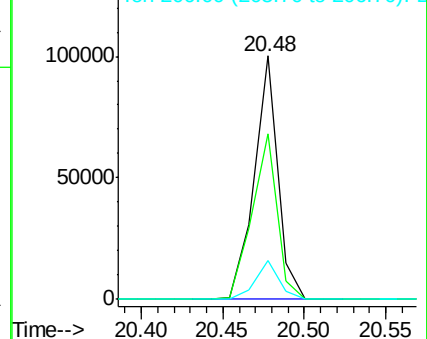
206 15.9 12.8 19.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 31.09 ng

RT: 21.06 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

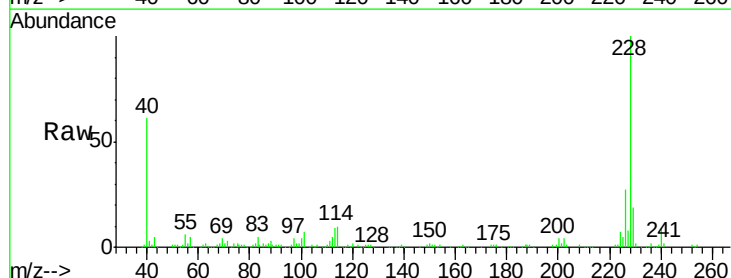
Tgt Ion:228 Resp: 181035

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

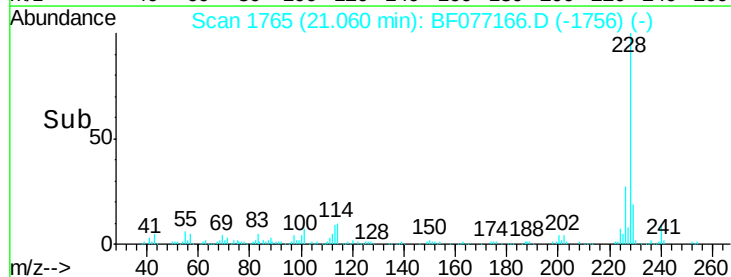
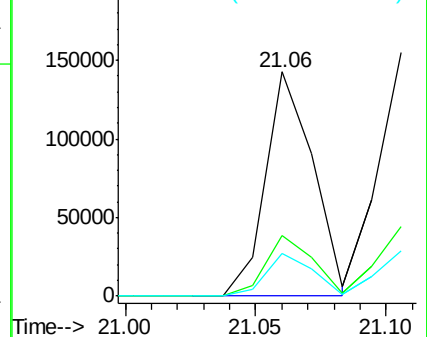
229 18.7 15.5 23.3

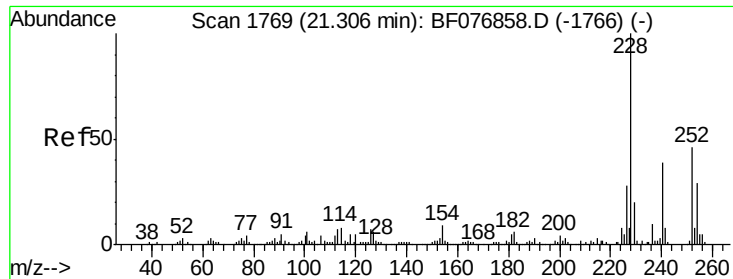


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

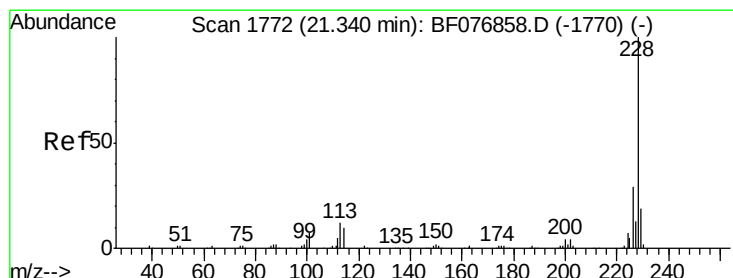
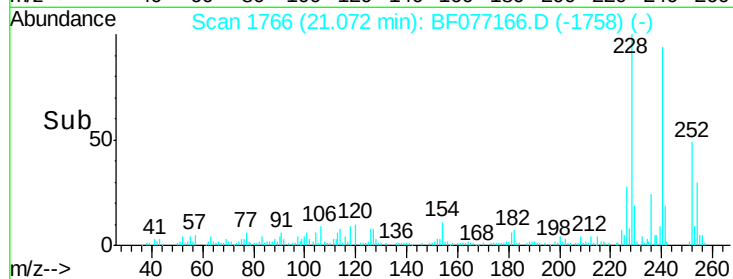
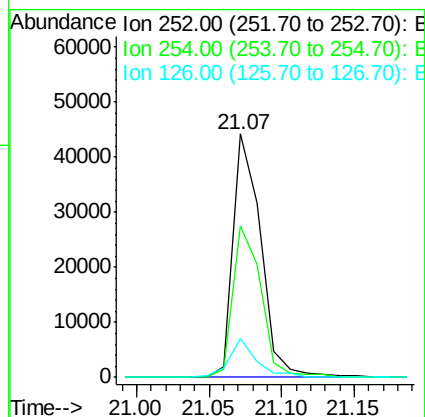
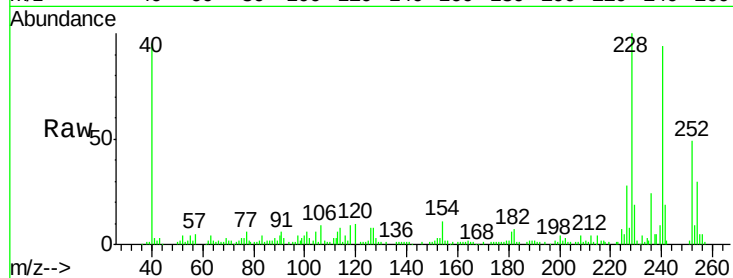




#81  
 3,3'-Dichlorobenzidine  
 Concen: 31.80 ng  
 RT: 21.07 min Scan# 1766  
 Delta R.T. -0.01 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

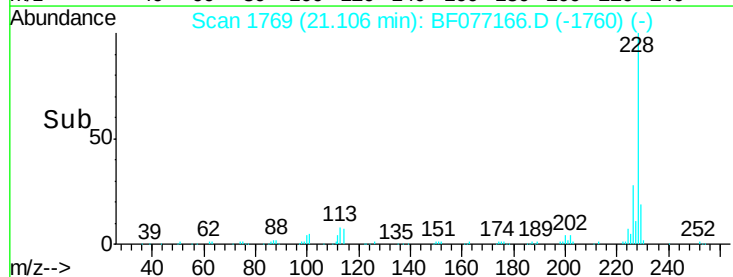
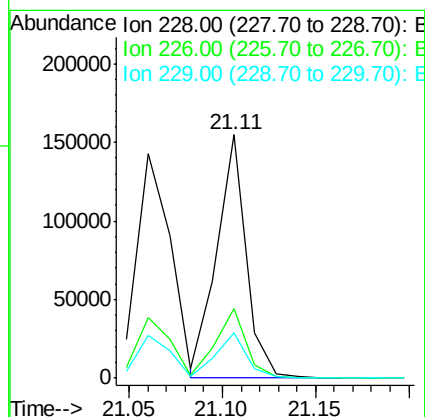
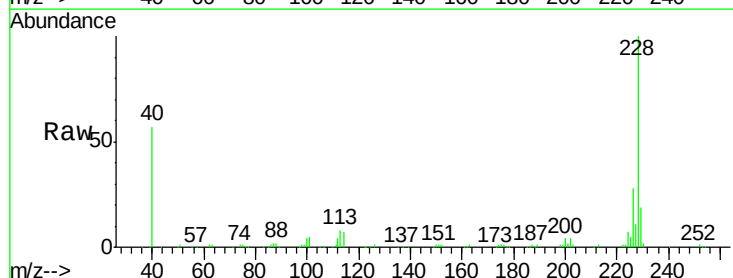
Instrument :  
 BNA\_F  
 ClientSampleId :

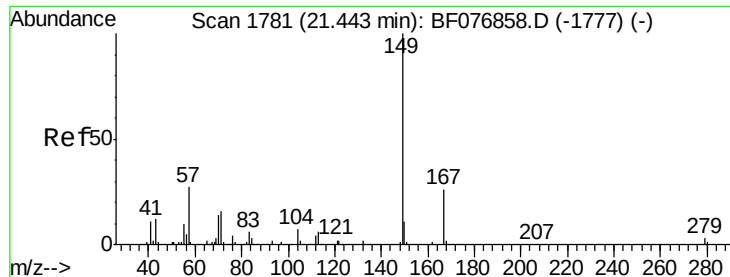
Tot Ion:252 Resp: 58844  
 Ion Ratio Lower Upper  
 252 100  
 254 62.1 50.2 75.4  
 126 15.8 11.5 17.3



#82  
 Chrysene  
 Concen: 32.04 ng  
 RT: 21.11 min Scan# 1769  
 Delta R.T. -0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Tgt Ion:228 Resp: 170142  
 Ion Ratio Lower Upper  
 228 100  
 226 28.4 23.4 35.0  
 229 18.7 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.77 ng

RT: 21.22 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampleId :

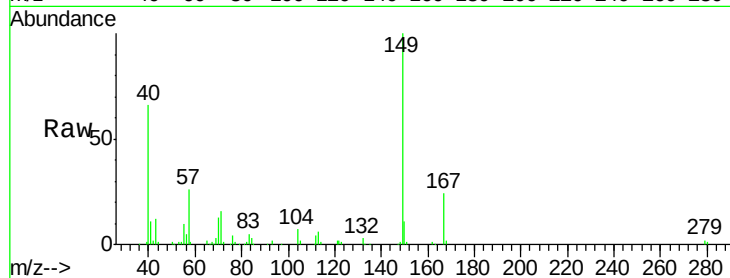
Tot Ion:149 Resp: 150567

Ion Ratio Lower Upper

149 100

167 23.8 20.6 30.8

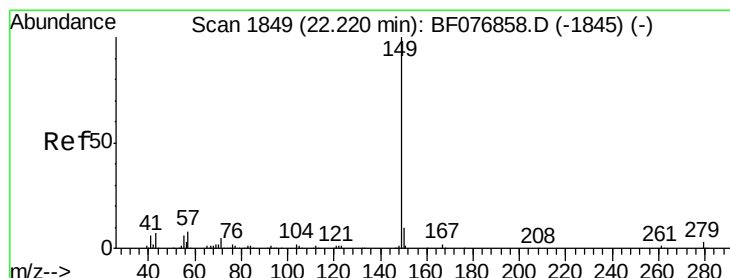
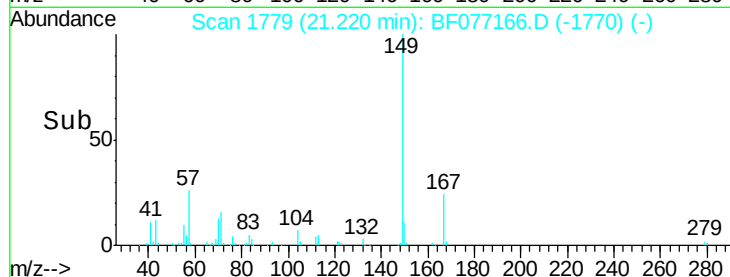
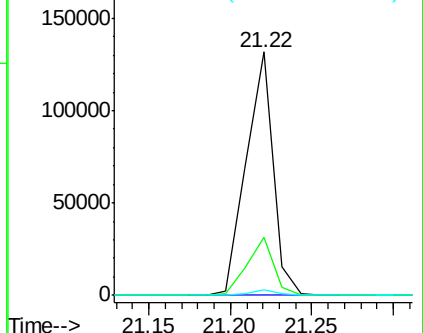
279 2.2 2.2 3.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.21 ng

RT: 21.97 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

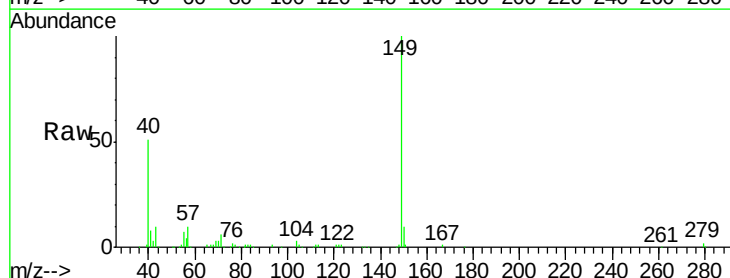
Tgt Ion:149 Resp: 257448

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

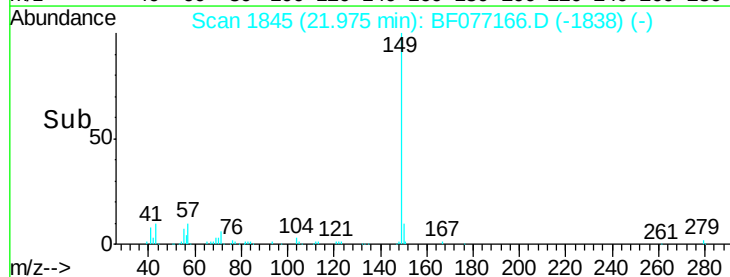
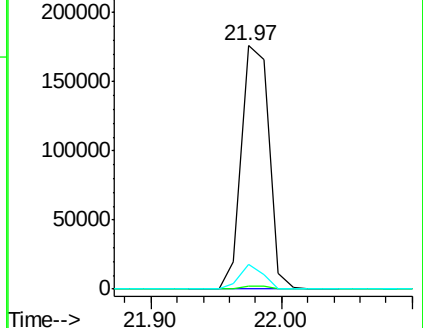
43 8.7 6.6 10.0

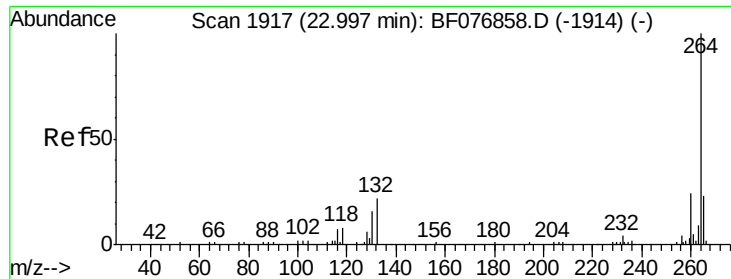


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



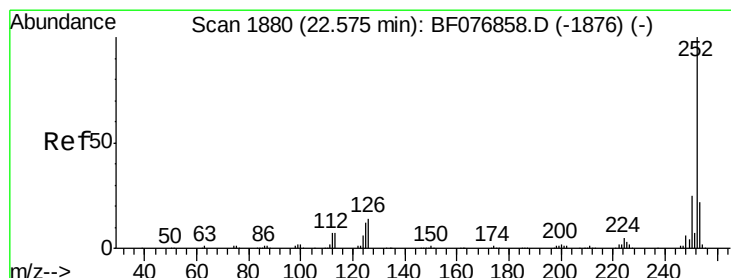
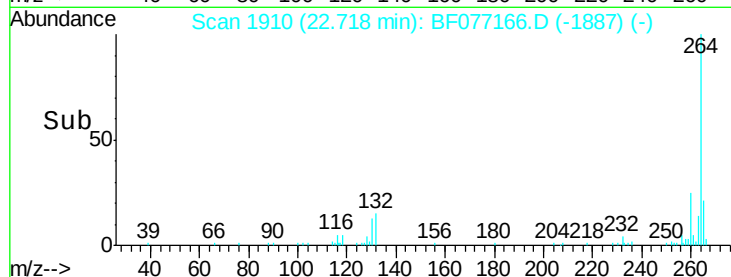
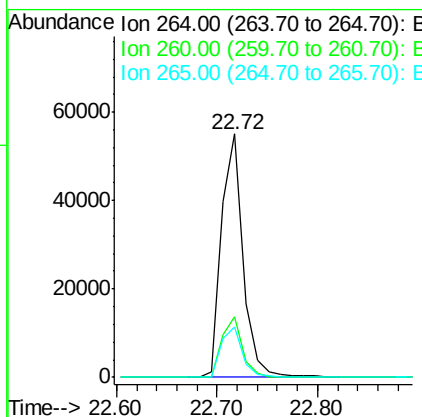
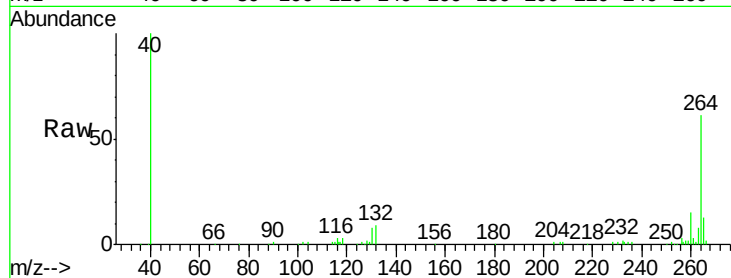


#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 22.72 min Scan# 1910  
Delta R.T. -0.03 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:264 Resp: 82140  

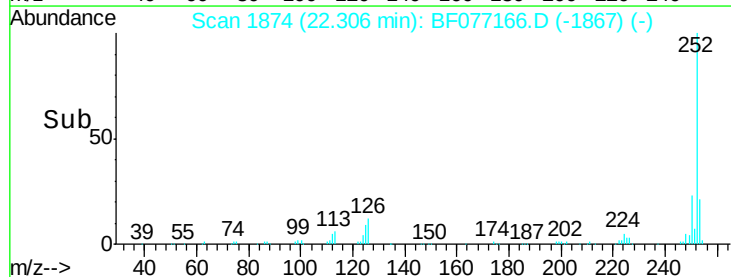
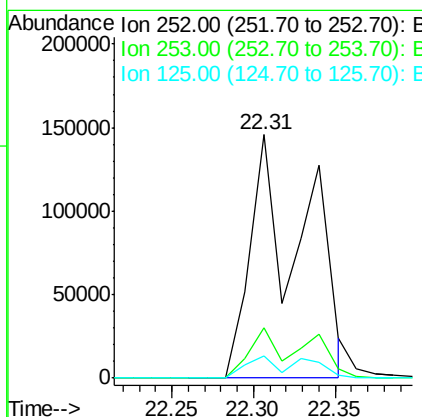
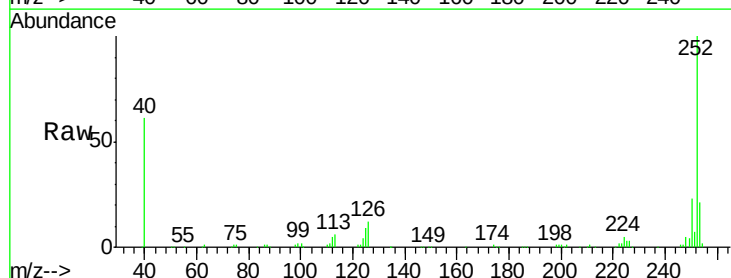
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.0  | 19.0  | 28.4  |
| 265 | 20.6  | 18.1  | 27.1  |

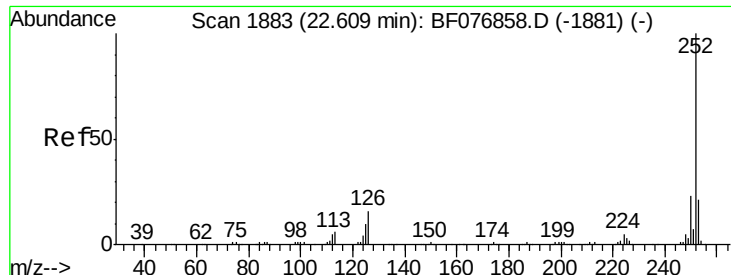


#87  
Benzo(b)fluoranthene  
Concen: 59.27 ng  
RT: 22.31 min Scan# 1874  
Delta R.T. -0.02 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion:252 Resp: 327914  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 20.8  | 17.5  | 26.3  |
| 125 | 8.9   | 9.4   | 14.0  |

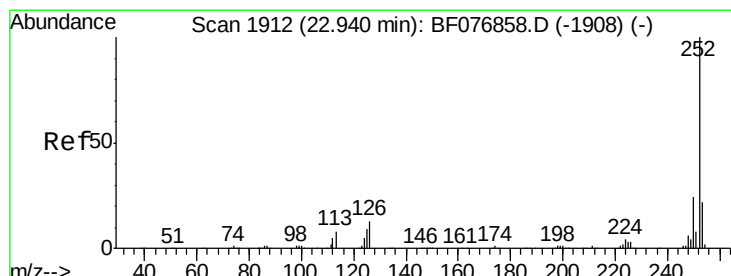
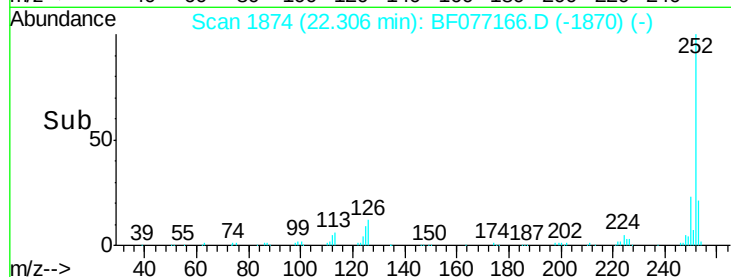
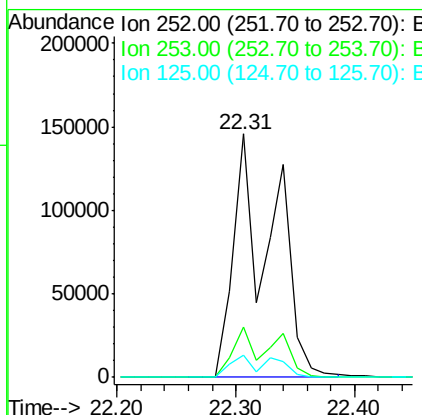
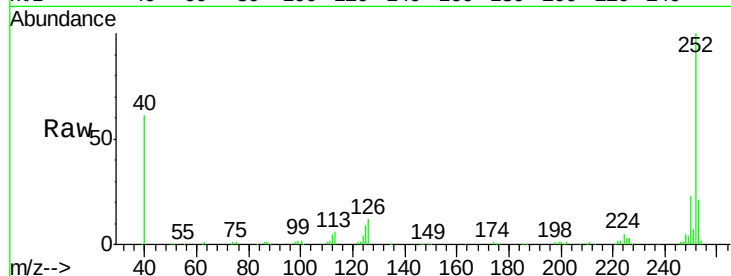




#88  
Benzo(k)fluoranthene  
Concen: 69.22 ng  
RT: 22.31 min Scan# 1874  
Delta R.T. -0.06 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

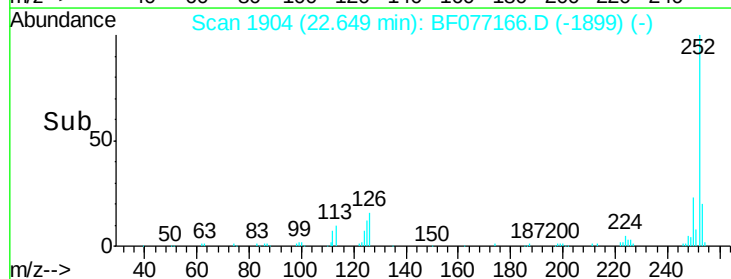
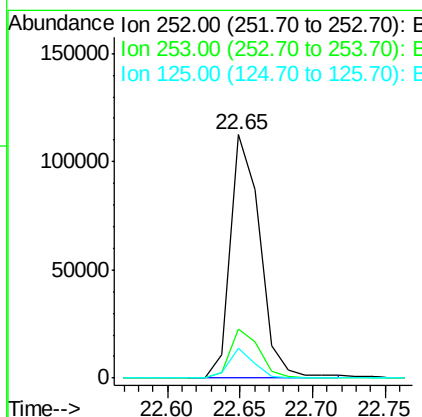
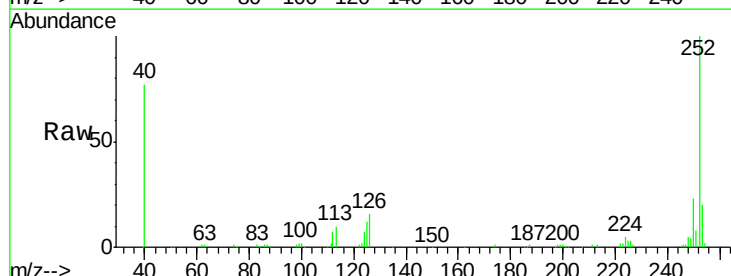
Instrument :  
BNA\_F  
ClientSampleId :

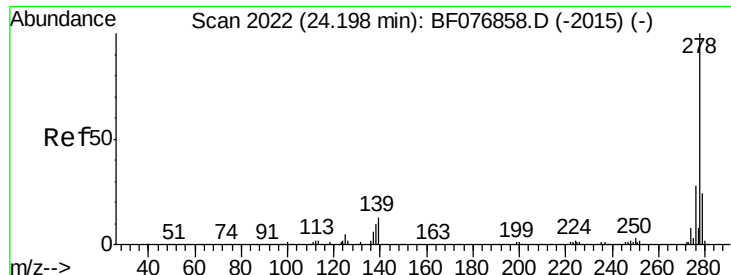
Tot Ion:252 Resp: 334551  
Ion Ratio Lower Upper  
252 100  
253 20.8 17.2 25.8  
125 8.9 7.1 10.7



#89  
Benzo(a)pyrene  
Concen: 32.73 ng  
RT: 22.65 min Scan# 1904  
Delta R.T. -0.05 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion:252 Resp: 159736  
Ion Ratio Lower Upper  
252 100  
253 20.0 17.9 26.9  
125 12.3 7.2 10.8#

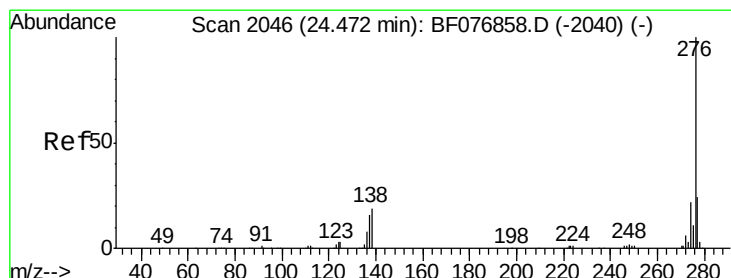
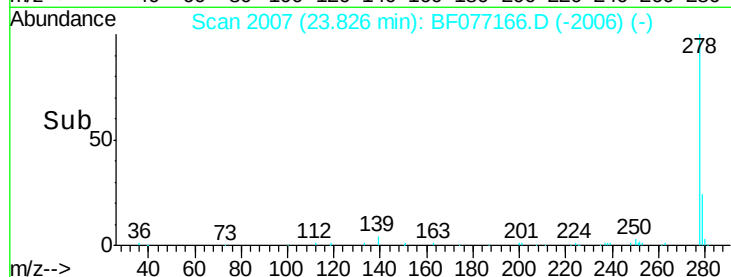
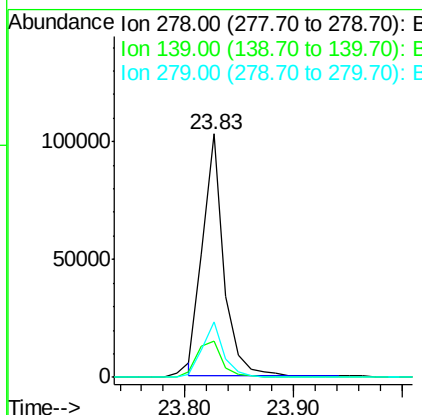
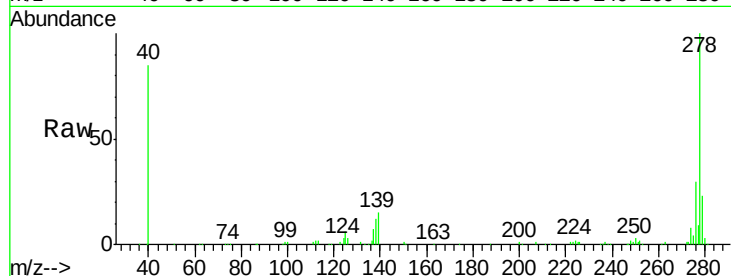




#90  
Dibenzo(a,h)anthracene  
Concen: 31.30 ng  
RT: 23.83 min Scan# 2007  
Delta R.T. -0.09 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 140126  
Ion Ratio Lower Upper  
278 100  
139 14.9 10.5 15.7  
279 23.0 19.3 28.9



#91  
Benzo(g,h,i)perylene  
Concen: 32.09 ng  
RT: 24.07 min Scan# 2028  
Delta R.T. -0.09 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion:276 Resp: 142835  
Ion Ratio Lower Upper  
276 100  
277 23.0 19.5 29.3  
138 25.3 15.0 22.6#

