

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF100115\  
 Data File : BF081961.D  
 Acq On : 2 Oct 2015 2:14  
 Operator : UM/IZ  
 Sample : G3857-09MS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A1-COMPMS

Quant Time: Oct 02 04:25:49 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 28 18:10:42 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 117674   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 8.18  | 136  | 472360   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 9.94  | 164  | 237043   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 11.42 | 188  | 461848   | 20.00 | ng    | -0.05    |
| 75) Chrysene-d12          | 14.06 | 240  | 357358   | 20.00 | ng    | -0.06    |
| 86) Perylene-d12          | 15.51 | 264  | 206184   | 20.00 | ng    | -0.07    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.51  | 112 | 741257  | 114.35 | ng | -0.01 |
| 7) Phenol-d6                | 6.54  | 99  | 1021284 | 125.21 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 7.46  | 82  | 711409  | 100.39 | ng | -0.03 |
| 41) 2,4,6-Tribromophenol    | 10.73 | 330 | 332445  | 138.48 | ng | -0.03 |
| 44) 2-Fluorobiphenyl        | 9.26  | 172 | 1324911 | 95.90  | ng | -0.05 |
| 78) Terphenyl-d14           | 13.01 | 244 | 1351166 | 157.76 | ng | -0.05 |

|                                |      |     |        |       |    |        |
|--------------------------------|------|-----|--------|-------|----|--------|
| Target Compounds               |      |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.70 | 88  | 110099 | 39.06 | ng | # 73   |
| 3) Pyridine                    | 3.42 | 79  | 172963 | 23.57 | ng | # 82   |
| 4) n-Nitrosodimethylamine      | 3.35 | 42  | 125890 | 37.76 | ng | # 93   |
| 6) Aniline                     | 6.57 | 93  | 72394  | 6.61  | ng | # 73   |
| 8) 2-Chlorophenol              | 6.69 | 128 | 337085 | 47.09 | ng | # 97   |
| 9) Benzaldehyde                | 6.45 | 77  | 21371  | 4.00  | ng | # 75   |
| 10) Phenol                     | 6.55 | 94  | 370599 | 40.50 | ng | # 82   |
| 11) bis(2-Chloroethyl)ether    | 6.64 | 93  | 343272 | 48.38 | ng | # 96   |
| 12) 1,3-Dichlorobenzene        | 7.07 | 146 | 326277 | 38.59 | ng | # 98   |
| 13) 1,4-Dichlorobenzene        | 7.07 | 146 | 335338 | 37.98 | ng | # 97   |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 344887 | 43.84 | ng | # 99   |
| 15) Benzyl Alcohol             | 7.04 | 79  | 208338 | 35.38 | ng | # 77   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.18 | 45  | 461962 | 46.05 | ng | # 79   |
| 17) 2-Methylphenol             | 7.15 | 107 | 274268 | 47.26 | ng | # 86   |
| 18) Hexachloroethane           | 7.41 | 117 | 123153 | 44.55 | ng | # 86   |
| 19) n-Nitroso-di-n-propylamine | 7.31 | 70  | 222914 | 44.96 | ng | # 78   |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 321168 | 43.81 | ng | # 63   |
| 22) Acetophenone               | 7.31 | 105 | 461446 | 47.78 | ng | # 81   |
| 24) Nitrobenzene               | 7.49 | 77  | 343100 | 44.59 | ng | # 70   |
| 25) Isophorone                 | 7.73 | 82  | 661168 | 47.08 | ng | # 93   |
| 26) 2-Nitrophenol              | 7.81 | 139 | 191585 | 51.87 | ng | # 87   |
| 27) 2,4-Dimethylphenol         | 7.84 | 122 | 323061 | 49.72 | ng | # 83   |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93  | 368872 | 44.23 | ng | # 94   |
| 29) 2,4-Dichlorophenol         | 8.05 | 162 | 322462 | 51.18 | ng | # 97   |
| 30) 1,2,4-Trichlorobenzene     | 8.13 | 180 | 340093 | 48.35 | ng | # 98   |
| 31) Naphthalene                | 8.21 | 128 | 974451 | 46.56 | ng | # 97   |
| 32) Benzoic acid               | 7.97 | 122 | 188581 | 48.44 | ng | # 70   |
| 33) 4-Chloroaniline            | 8.27 | 127 | 33415  | 3.69  | ng | # 91   |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 208304 | 50.07 | ng | # 99   |
| 35) Caprolactam                | 8.63 | 113 | 46550  | 26.69 | ng | # 89   |
| 36) 4-Chloro-3-methylphenol    | 8.74 | 107 | 319145 | 51.80 | ng | # 91   |
| 37) 2-Methylnaphthalene        | 8.89 | 142 | 656324 | 45.94 | ng | # 90   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 347925 | 47.81 | ng | # 98   |
| 40) Hexachlorocyclopentadiene  | 9.05 | 237 | 368674 | 98.38 | ng | # 99   |

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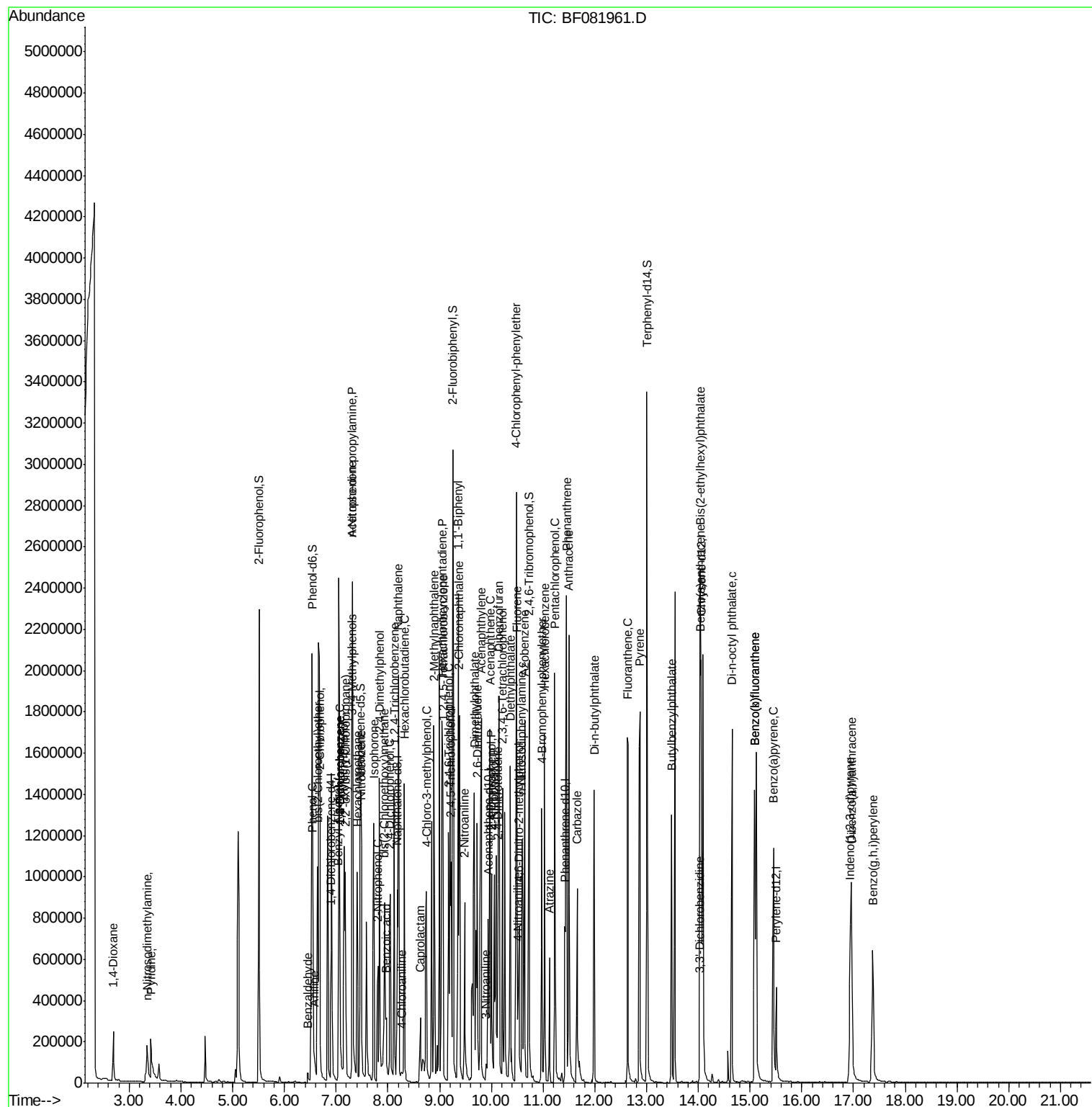
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.18  | 196  | 246052   | 49.32 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.22  | 196  | 249405   | 48.61 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 9.36  | 154  | 834810   | 45.65 | ng    | 94       |
| 46) 2-Chloronaphthalene        | 9.38  | 162  | 653670   | 45.52 | ng    | 93       |
| 47) 2-Nitroaniline             | 9.49  | 65   | 193199   | 45.83 | ng    | # 79     |
| 48) Acenaphthylene             | 9.81  | 152  | 1089014  | 47.38 | ng    | 97       |
| 49) Dimethylphthalate          | 9.67  | 163  | 854077   | 52.20 | ng    | # 98     |
| 50) 2,6-Dinitrotoluene         | 9.73  | 165  | 169516   | 47.72 | ng    | # 63     |
| 51) Acenaphthene               | 9.98  | 154  | 733228   | 53.73 | ng    | 89       |
| 52) 3-Nitroaniline             | 9.90  | 138  | 31714    | 7.72  | ng    | # 67     |
| 53) 2,4-Dinitrophenol          | 10.00 | 184  | 167253   | 89.33 | ng    | # 52     |
| 54) Dibenzofuran               | 10.15 | 168  | 960668   | 49.81 | ng    | # 91     |
| 55) 4-Nitrophenol              | 10.06 | 139  | 230338   | 77.57 | ng    | # 47     |
| 56) 2,4-Dinitrotoluene         | 10.13 | 165  | 235679   | 52.04 | ng    | # 71     |
| 57) Fluorene                   | 10.49 | 166  | 746898   | 54.60 | ng    | 93       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.22 | 232  | 207969   | 51.10 | ng    | 88       |
| 59) Diethylphthalate           | 10.37 | 149  | 812859   | 53.19 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.48 | 204  | 368082   | 52.13 | ng    | 94       |
| 61) 4-Nitroaniline             | 10.51 | 138  | 118247   | 28.70 | ng    | # 54     |
| 62) Azobenzene                 | 10.64 | 77   | 755951   | 50.68 | ng    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 10.54 | 198  | 126730   | 57.72 | ng    | # 73     |
| 65) n-Nitrosodiphenylamine     | 10.59 | 169  | 440559   | 31.53 | ng    | 91       |
| 66) 4-Bromophenyl-phenylether  | 10.97 | 248  | 245057   | 52.62 | ng    | # 92     |
| 67) Hexachlorobenzene          | 11.03 | 284  | 229319   | 43.63 | ng    | # 91     |
| 68) Atrazine                   | 11.12 | 200  | 70874    | 16.35 | ng    | 83       |
| 69) Pentachlorophenol          | 11.22 | 266  | 274627   | 91.71 | ng    | 99       |
| 70) Phenanthrene               | 11.45 | 178  | 1129294  | 51.03 | ng    | 96       |
| 71) Anthracene                 | 11.50 | 178  | 1120122  | 47.72 | ng    | 96       |
| 72) Carbazole                  | 11.66 | 167  | 585650   | 27.57 | ng    | 97       |
| 73) Di-n-butylphthalate        | 11.99 | 149  | 1179831  | 54.82 | ng    | # 99     |
| 74) Fluoranthene               | 12.64 | 202  | 1178818  | 47.65 | ng    | 86       |
| 77) Pyrene                     | 12.87 | 202  | 1192880  | 55.88 | ng    | 96       |
| 79) Butylbenzylphthalate       | 13.49 | 149  | 503925   | 62.73 | ng    | # 87     |
| 80) Benzo(a)anthracene         | 14.05 | 228  | 958710   | 49.82 | ng    | 95       |
| 81) 3,3'-Dichlorobenzidine     | 14.02 | 252  | 17822    | 2.74  | ng    | # 94     |
| 82) Chrysene                   | 14.05 | 228  | 958710   | Below | Cal   | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 624960   | 62.02 | ng    | # 93     |
| 84) Di-n-octyl phthalate       | 14.65 | 149  | 1008395  | 61.49 | ng    | # 91     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.94 | 276  | 744432   | 49.45 | ng    | # 88     |
| 87) Benzo(b)fluoranthene       | 15.09 | 252  | 940607   | 79.90 | ng    | # 87     |
| 88) Benzo(k)fluoranthene       | 15.09 | 252  | 940607   | 87.18 | ng    | # 88     |
| 89) Benzo(a)pyrene             | 15.45 | 252  | 719265   | 70.44 | ng    | # 84     |
| 90) Dibenzo(a,h)anthracene     | 16.96 | 278  | 624859   | 72.93 | ng    | # 81     |
| 91) Benzo(g,h,i)perylene       | 17.37 | 276  | 614098   | 69.95 | ng    | # 77     |

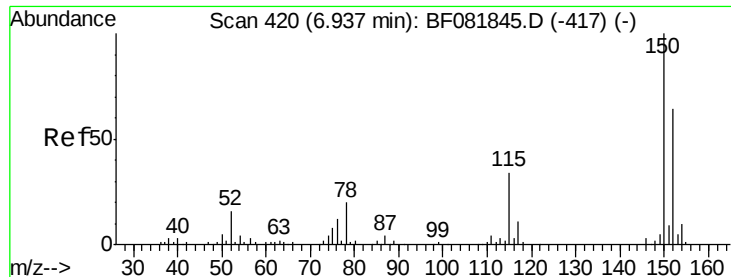
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

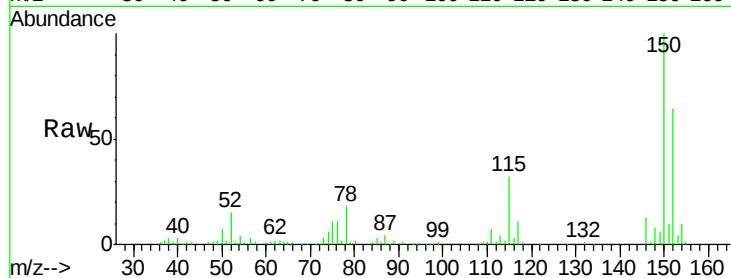
Tgt Ion:152 Resp: 117674

Ion Ratio Lower Upper

152 100

150 155.4 124.7 187.1

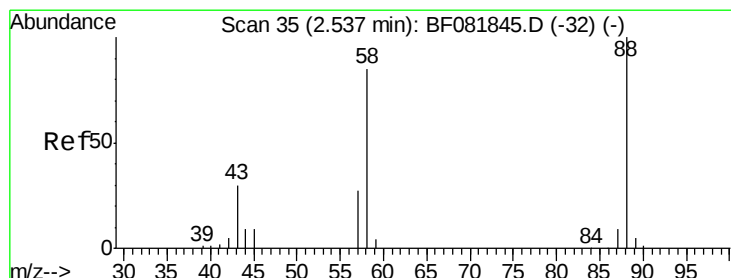
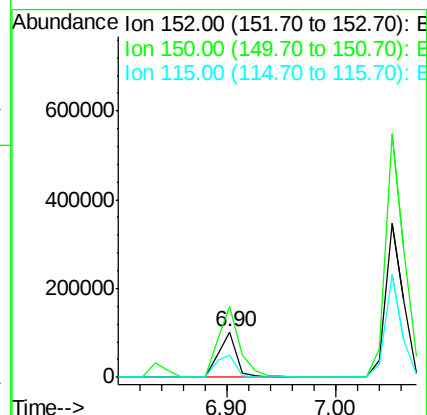
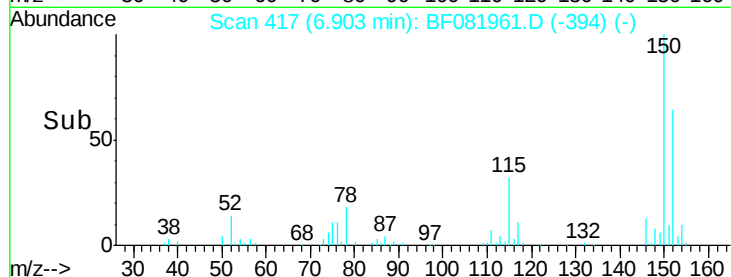
115 50.1 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.06 ng

RT: 2.70 min Scan# 49

Delta R.T. 0.16 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

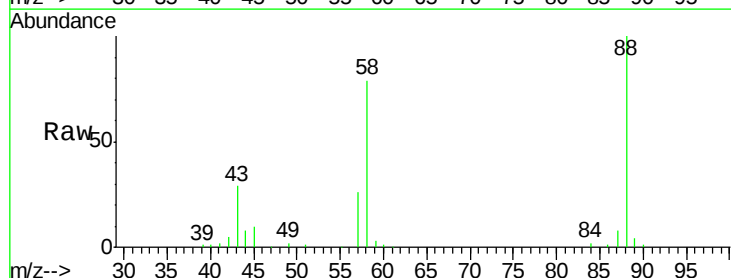
Tgt Ion: 88 Resp: 110099

Ion Ratio Lower Upper

88 100

58 80.7 77.7 116.5

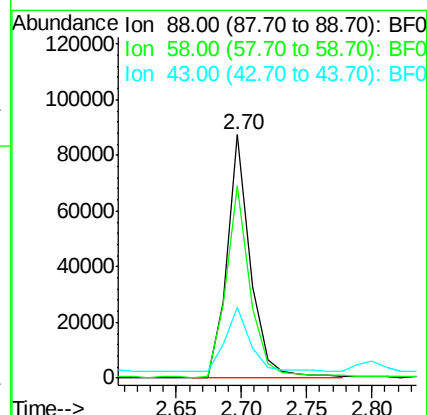
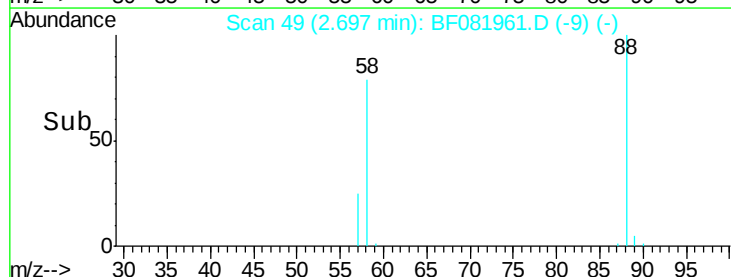
43 0.0 26.6 40.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.57 ng

RT: 3.42 min Scan# 112

Delta R.T. 0.11 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

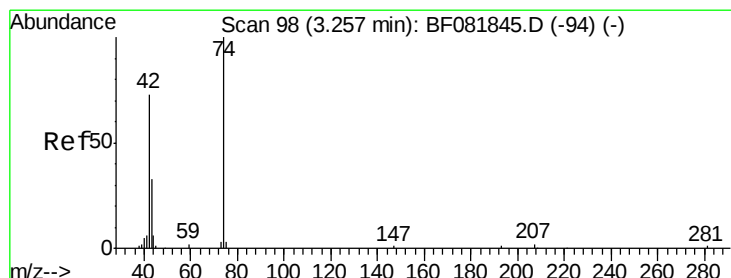
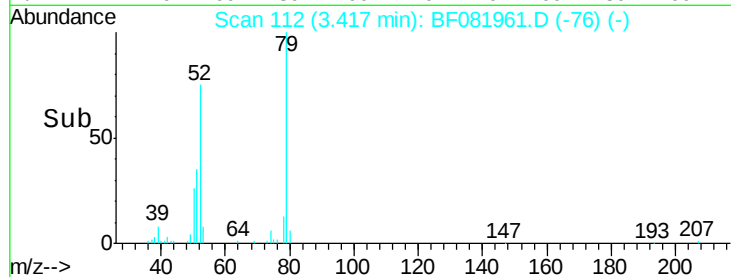
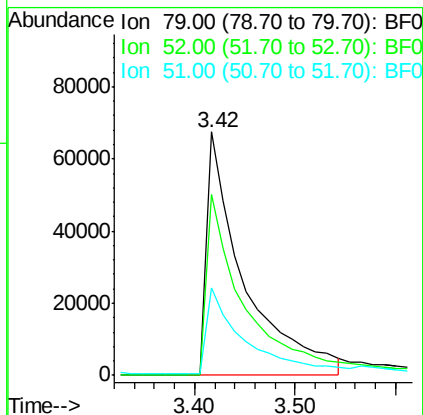
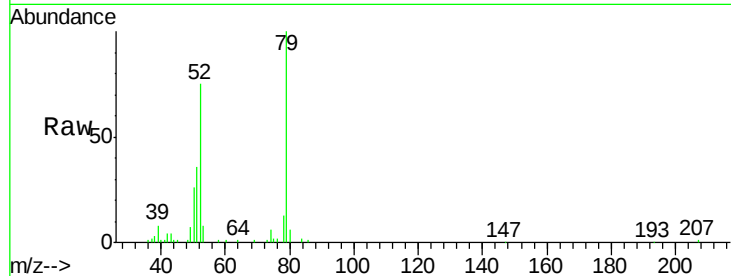
Tgt Ion: 79 Resp: 172963

Ion Ratio Lower Upper

79 100

52 74.5 76.8 115.2#

51 36.1 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 37.76 ng

RT: 3.35 min Scan# 106

Delta R.T. 0.09 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

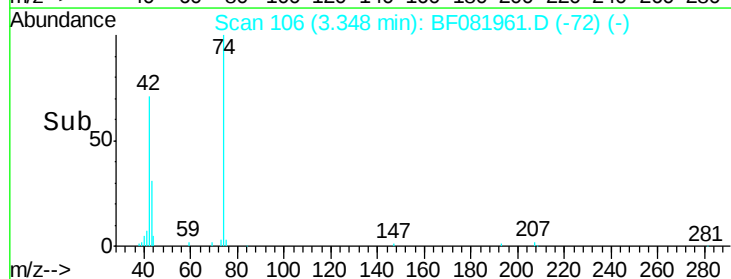
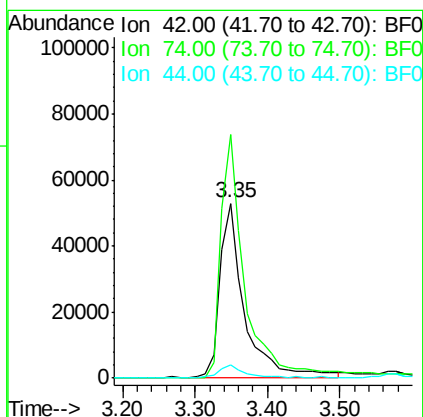
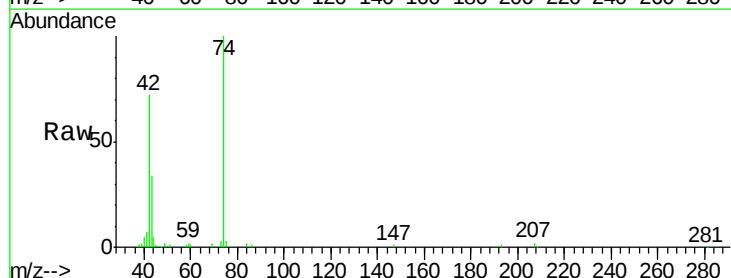
Tgt Ion: 42 Resp: 125890

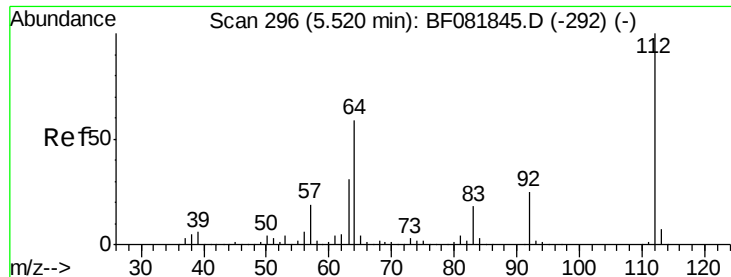
Ion Ratio Lower Upper

42 100

74 139.4 105.0 157.6

44 7.4 6.6 10.0





#5

2-Fluorophenol

Concen: 114.35 ng

RT: 5.51 min Scan# 295

Delta R.T. -0.01 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

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ClientSampleId :

A1-COMPMS

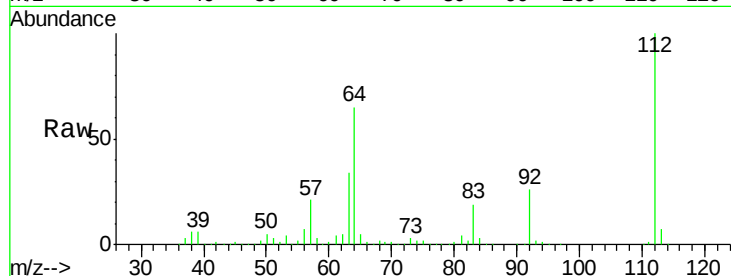
Tgt Ion: 112 Resp: 741257

Ion Ratio Lower Upper

112 100

64 64.7 39.7 59.5#

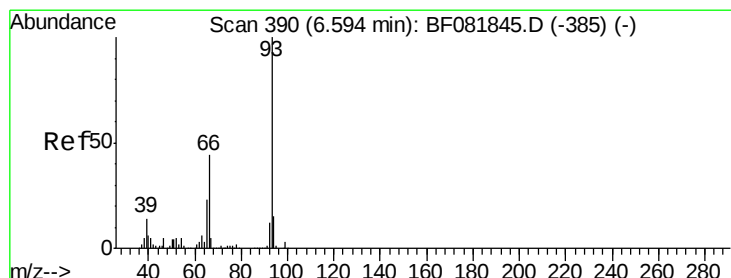
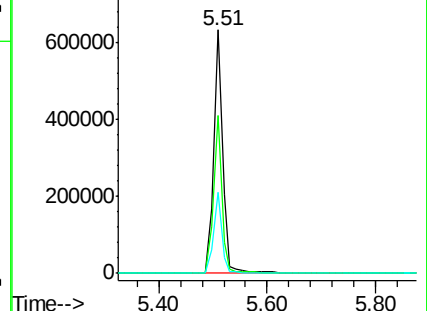
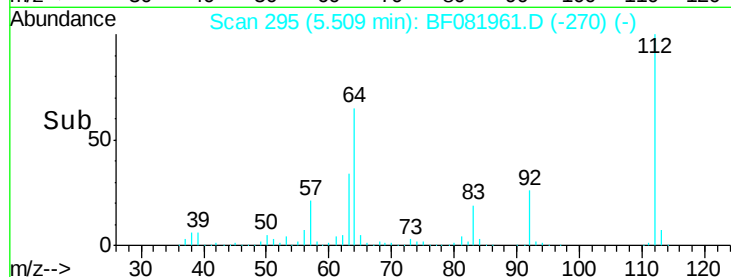
63 33.5 17.4 26.0#



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: 6.61 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

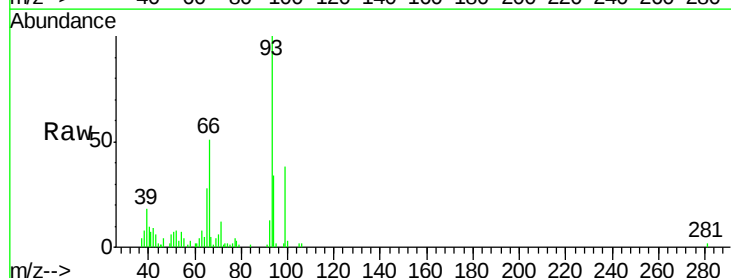
Tgt Ion: 93 Resp: 72394

Ion Ratio Lower Upper

93 100

66 50.8 27.2 40.8#

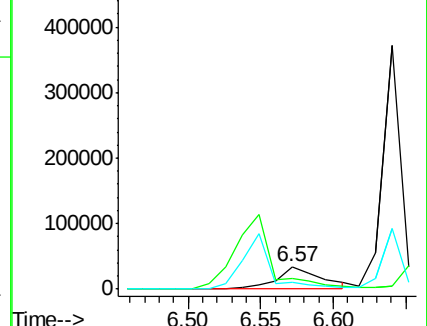
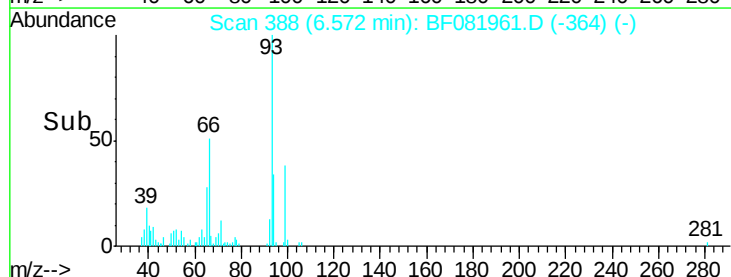
65 28.4 14.7 22.1#

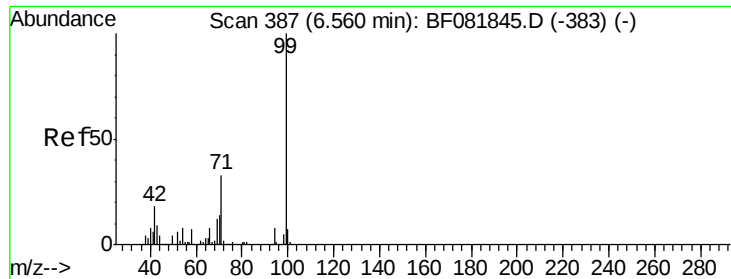


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.21 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.02 min

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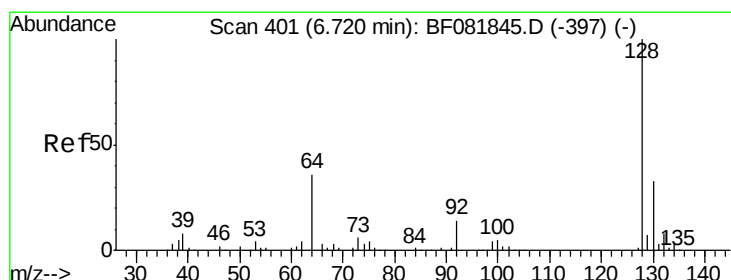
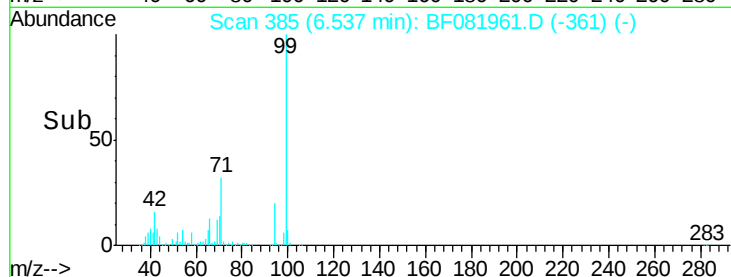
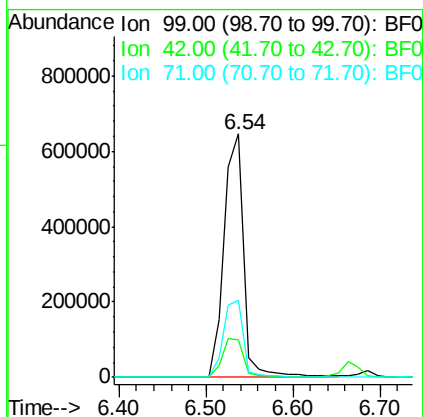
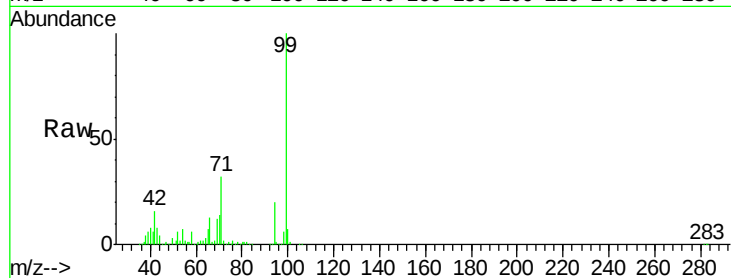
Tgt Ion: 99 Resp: 1021284

Ion Ratio Lower Upper

99 100

42 15.7 13.7 20.5

71 31.9 14.2 21.2#



#8

2-Chlorophenol

Concen: 47.09 ng

RT: 6.69 min Scan# 398

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

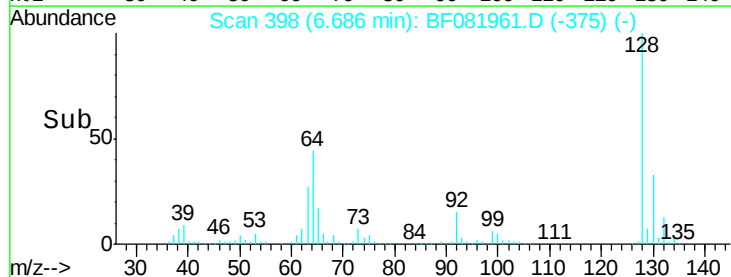
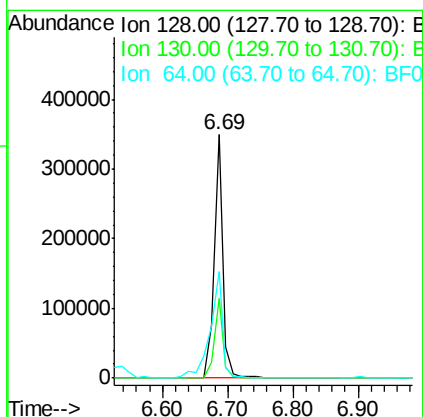
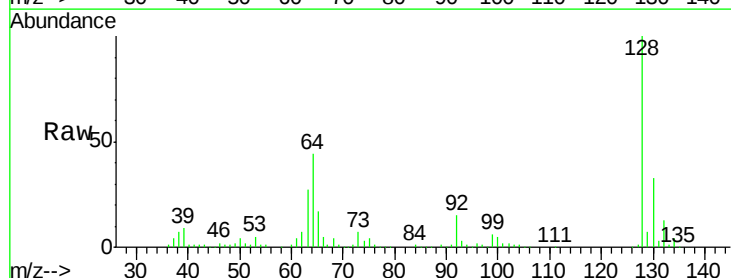
Tgt Ion: 128 Resp: 337085

Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

64 43.7 20.5 60.5





#9

Benzaldehyde

Concen: 4.00 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.03 min

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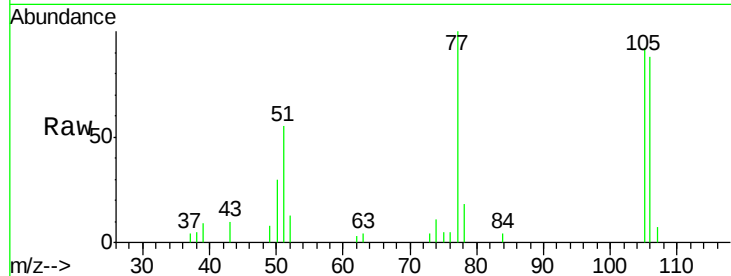
Tgt Ion: 77 Resp: 21371

Ion Ratio Lower Upper

77 100

105 91.7 91.6 131.6

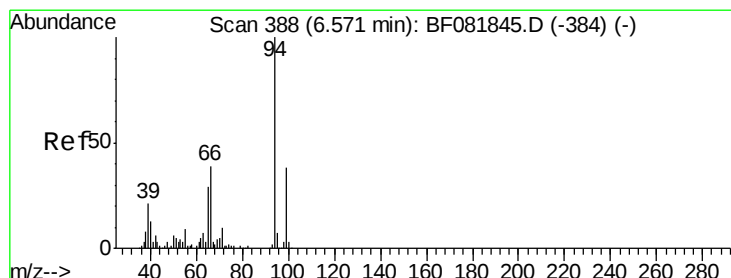
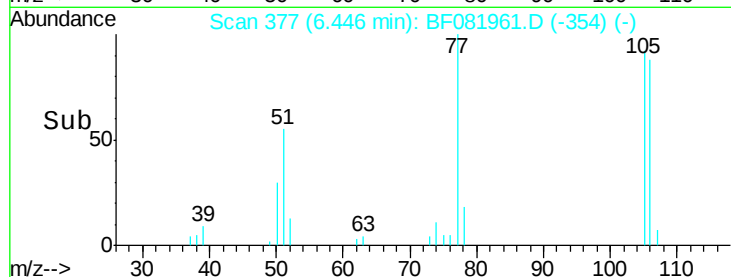
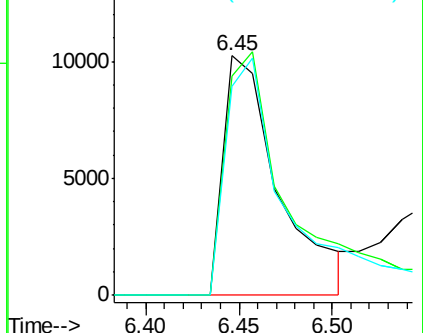
106 87.6 102.6 142.6#



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: 40.50 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

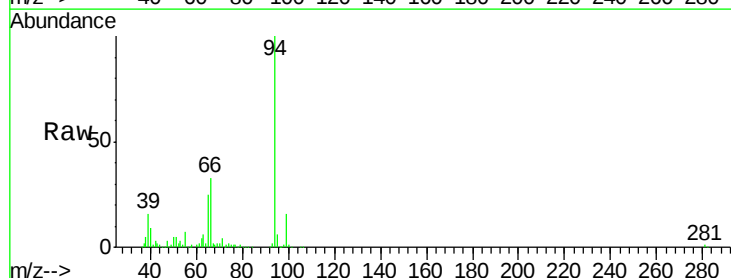
Tgt Ion: 94 Resp: 370599

Ion Ratio Lower Upper

94 100

65 24.9 0.7 40.7

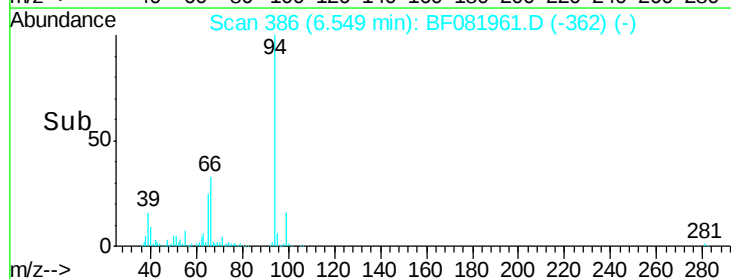
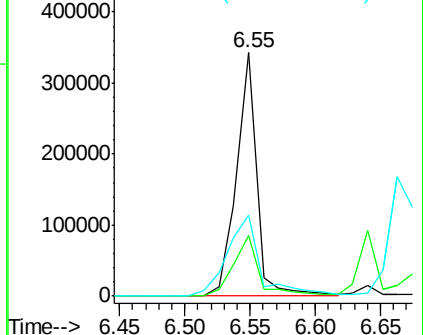
66 33.2 0.8 40.8

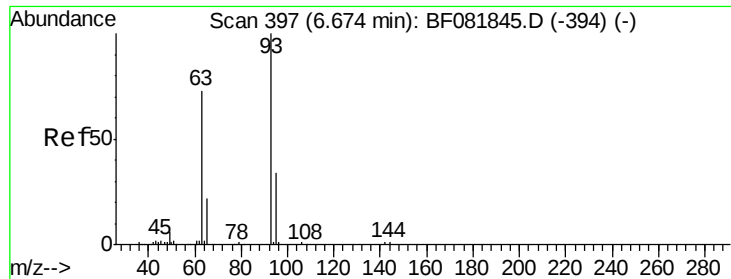


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

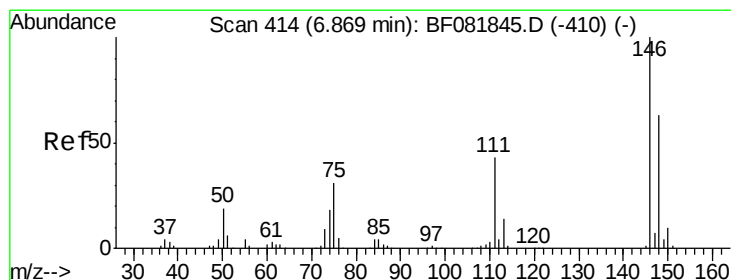
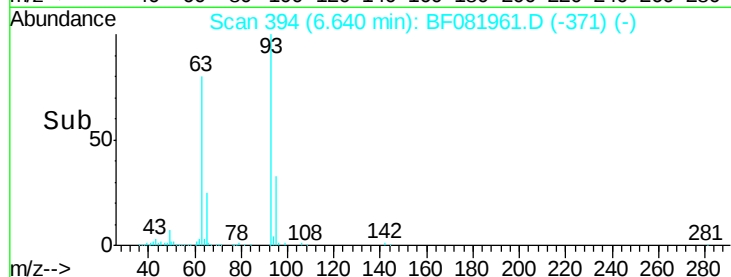
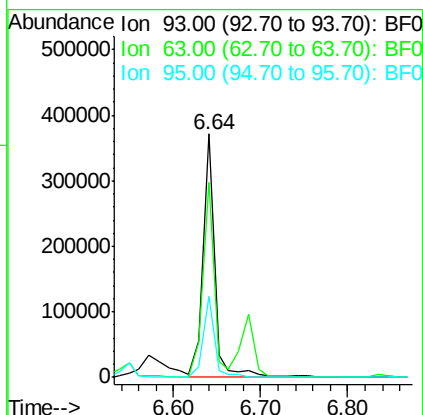
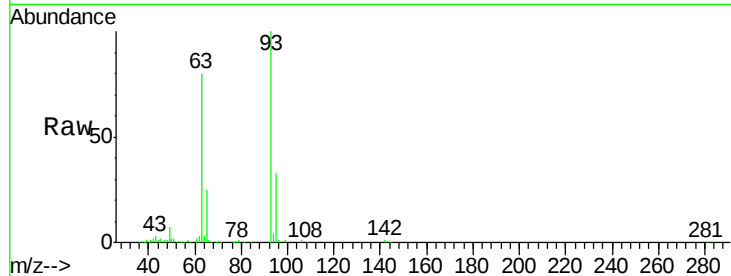




#11  
 bis(2-Chloroethyl)ether  
 Concen: 48.38 ng  
 RT: 6.64 min Scan# 394  
 Delta R.T. -0.03 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

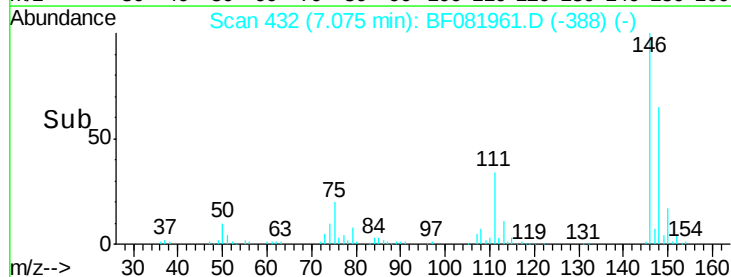
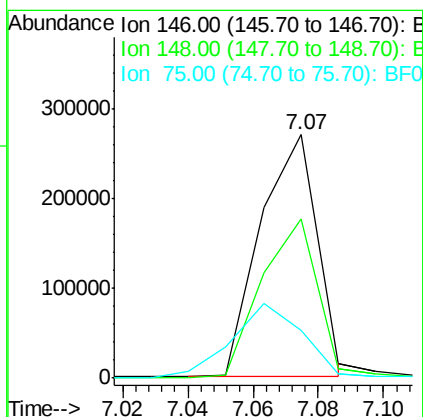
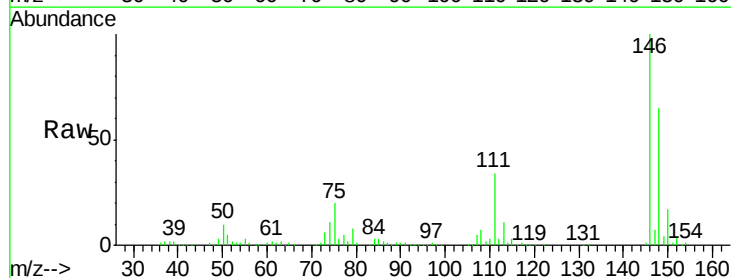
Instrument :  
 BNA\_F  
 ClientSampleId :  
 A1-COMPMS

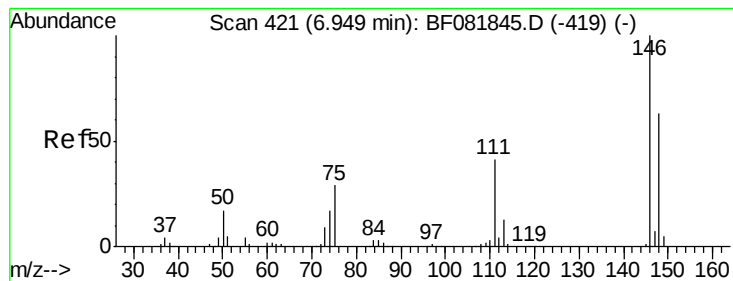
Tgt Ion: 93 Resp: 343272  
 Ion Ratio Lower Upper  
 93 100  
 63 80.1 65.6 105.6  
 95 33.3 13.6 53.6



#12  
 1,3-Dichlorobenzene  
 Concen: 38.59 ng  
 RT: 7.07 min Scan# 432  
 Delta R.T. 0.21 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Tgt Ion: 146 Resp: 326277  
 Ion Ratio Lower Upper  
 146 100  
 148 65.5 51.0 76.4  
 75 19.7 15.0 22.6





#13

1,4-Dichlorobenzene

Concen: 37.98 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.13 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

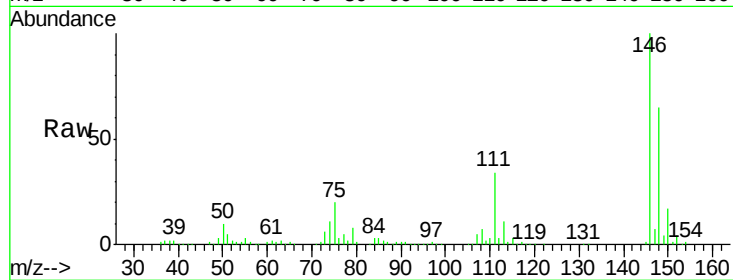
Tgt Ion:146 Resp: 335338

Ion Ratio Lower Upper

146 100

148 65.5 51.8 77.6

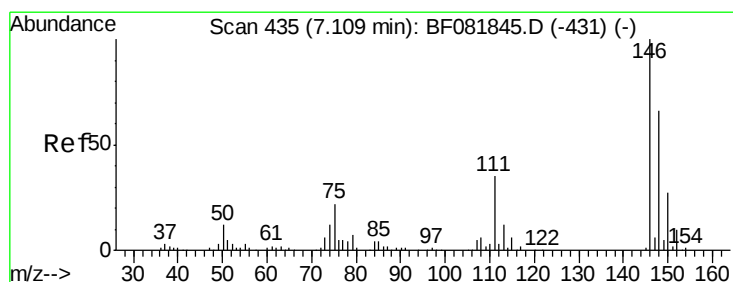
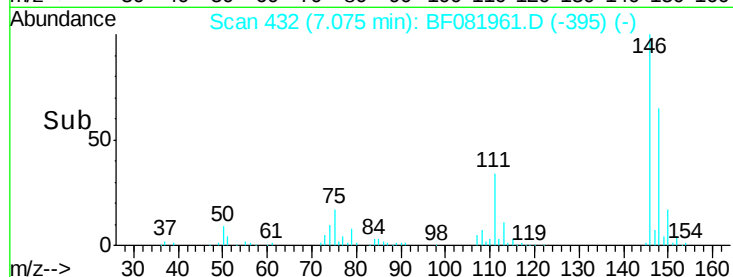
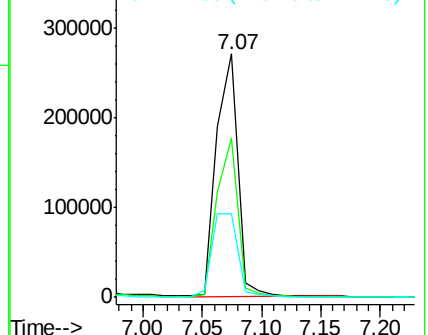
111 34.3 24.9 37.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.84 ng

RT: 7.07 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

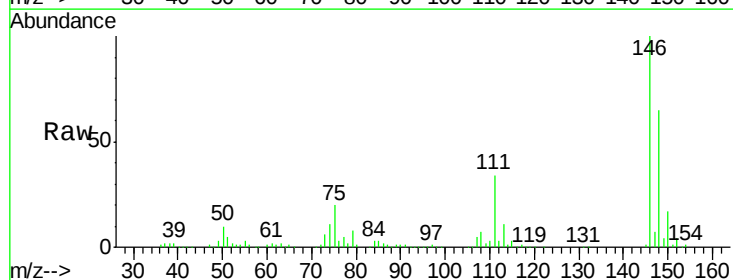
Tgt Ion:146 Resp: 344887

Ion Ratio Lower Upper

146 100

148 65.5 52.7 79.1

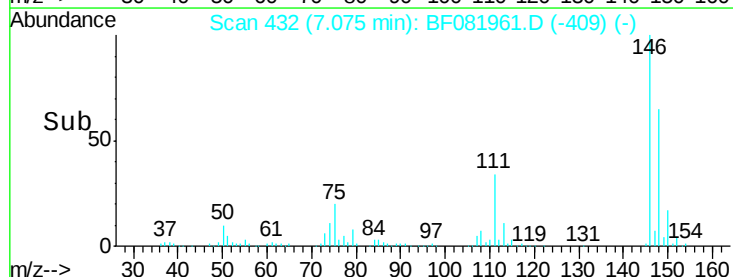
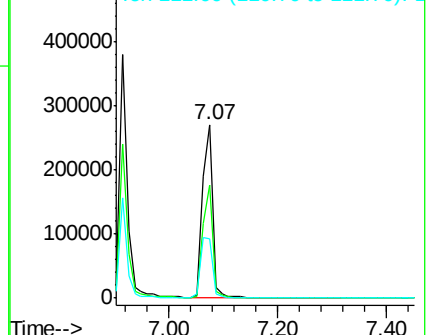
111 34.3 28.8 43.2

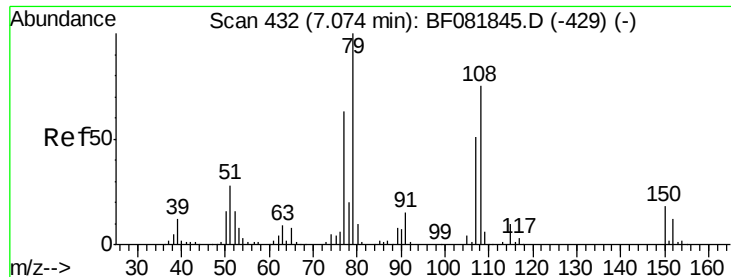


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

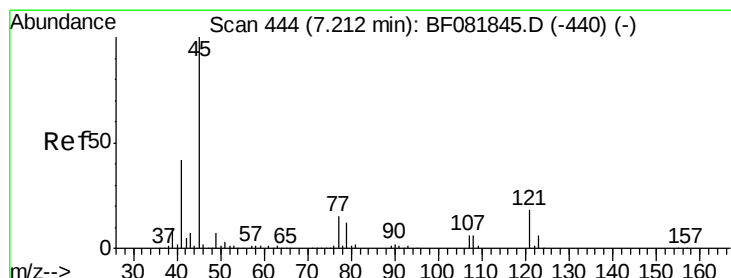
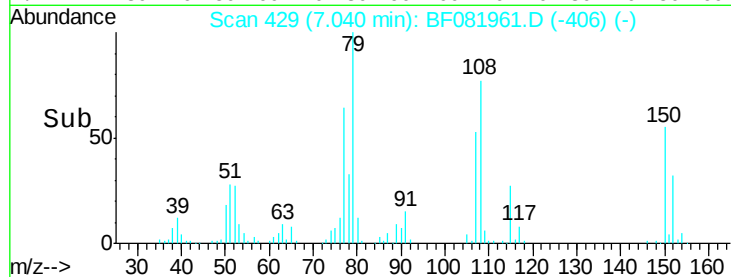
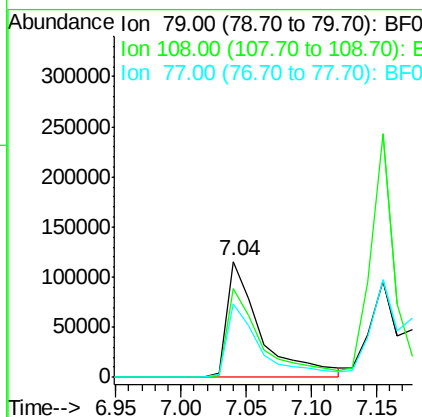
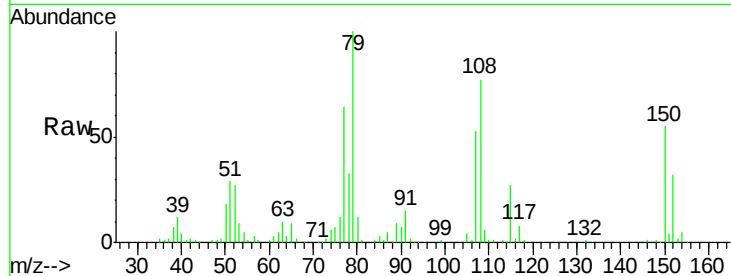




#15  
Benzyl Alcohol  
Concen: 35.38 ng  
RT: 7.04 min Scan# 429  
Delta R.T. -0.03 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

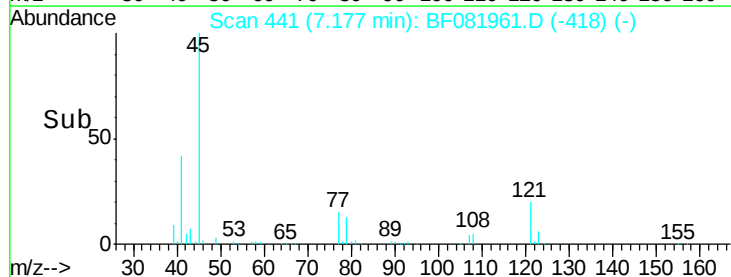
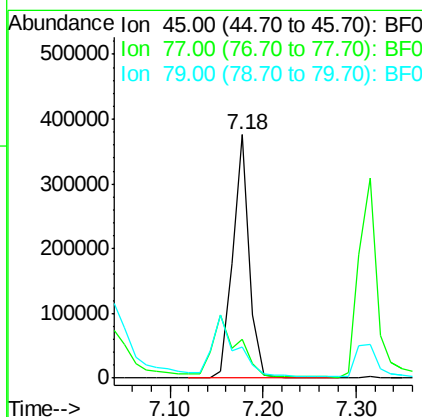
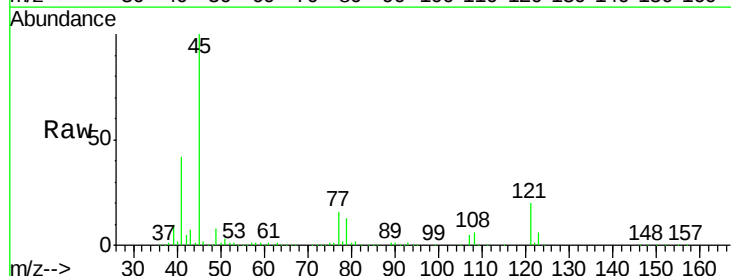
Instrument :  
BNA\_F  
ClientSampleId :  
A1-COMPMS

Tgt Ion: 79 Resp: 208338  
Ion Ratio Lower Upper  
79 100  
108 77.0 88.6 132.8#  
77 63.7 47.0 70.4



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 46.05 ng  
RT: 7.18 min Scan# 441  
Delta R.T. -0.03 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

Tgt Ion: 45 Resp: 461962  
Ion Ratio Lower Upper  
45 100  
77 15.7 0.0 28.1  
79 12.7 0.0 26.0

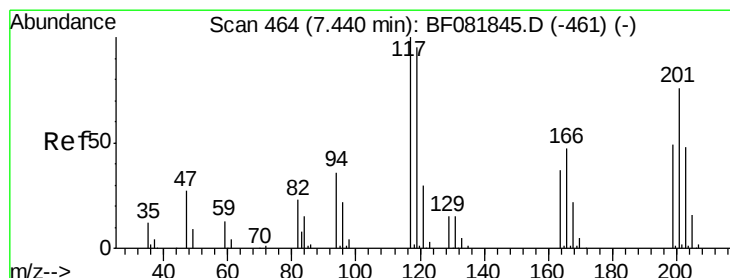
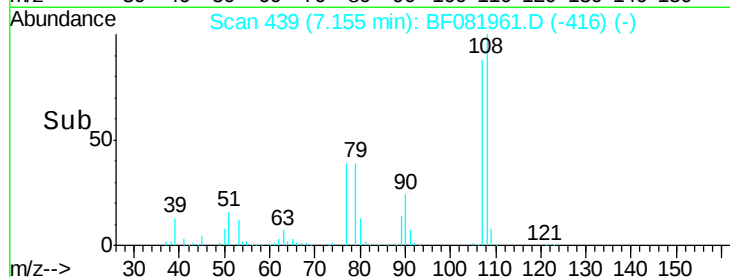
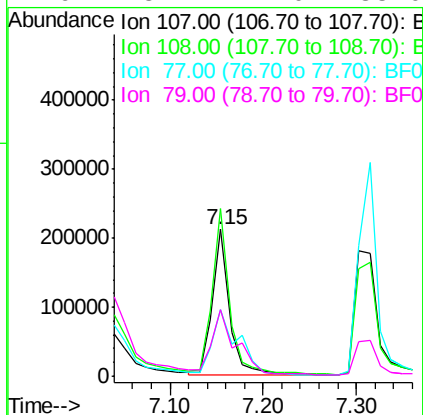
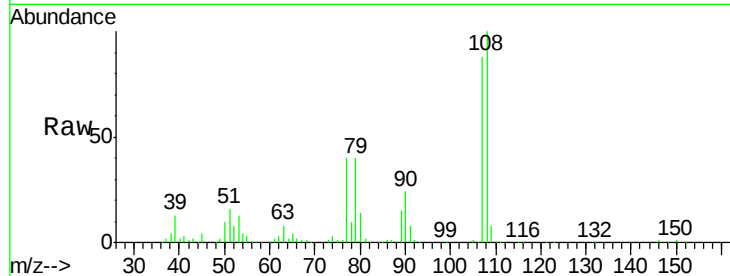




#17  
2-Methylphenol  
Concen: 47.26 ng  
RT: 7.15 min Scan# 439  
Delta R.T. -0.03 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

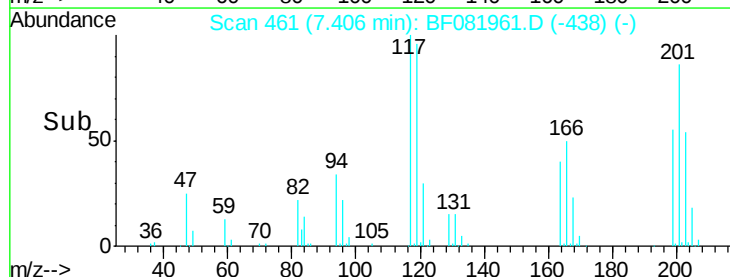
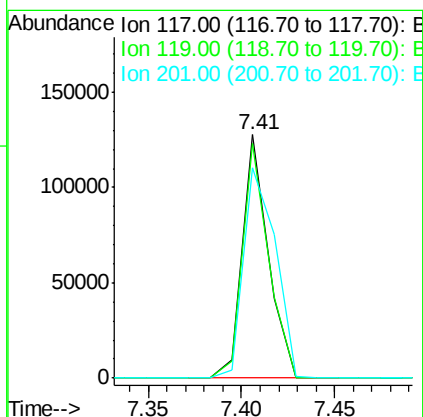
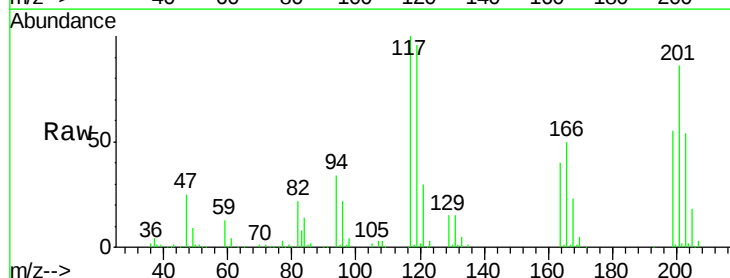
Instrument :  
BNA\_F  
ClientSampleId :  
A1-COMPMS

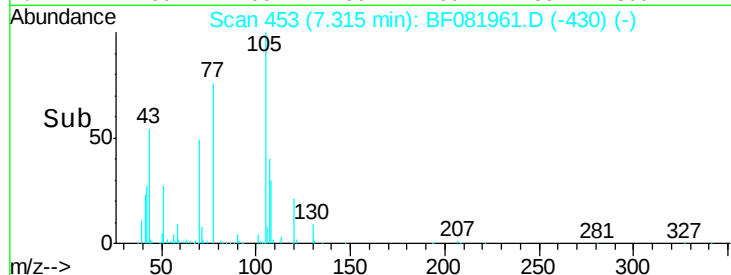
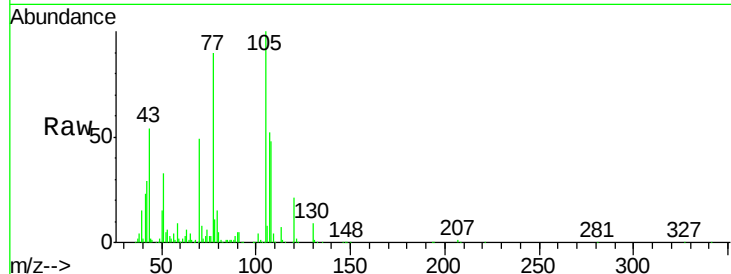
Tgt Ion:107 Resp: 274268  
Ion Ratio Lower Upper  
107 100  
108 114.1 96.6 145.0  
77 45.6 23.3 34.9#  
79 45.4 22.0 33.0#



#18  
Hexachloroethane  
Concen: 44.55 ng  
RT: 7.41 min Scan# 461  
Delta R.T. -0.03 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

Tgt Ion:117 Resp: 123153  
Ion Ratio Lower Upper  
117 100  
119 96.1 83.8 125.6  
201 86.4 55.1 82.7#

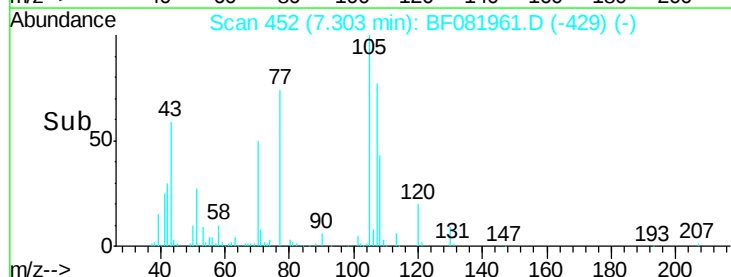
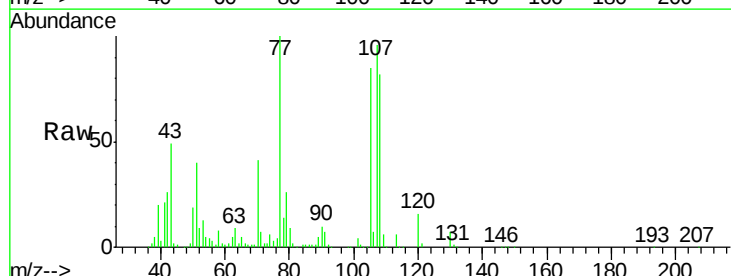
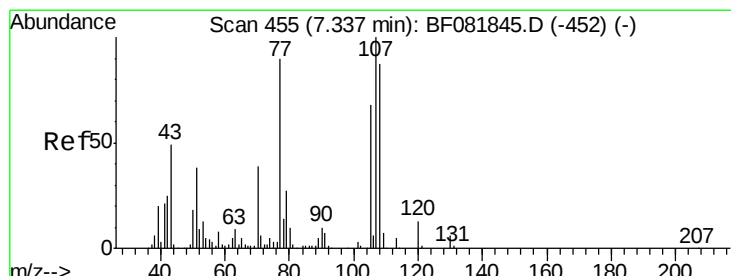
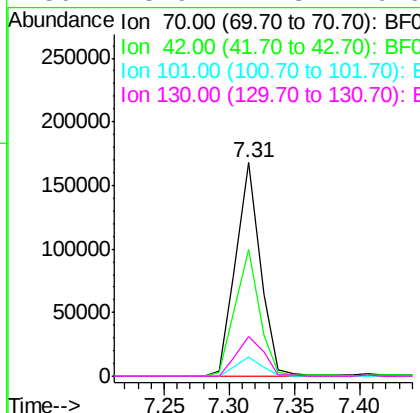




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.96 ng  
RT: 7.31 min Scan# 453  
Delta R.T. -0.03 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

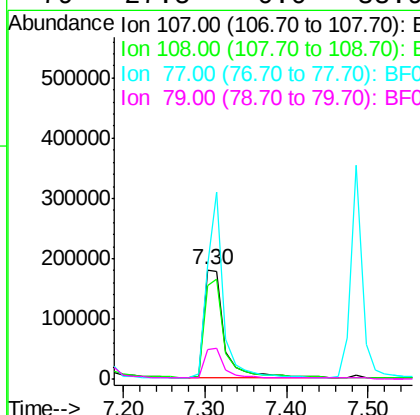
Instrument :  
BNA\_F  
ClientSampleId :  
A1-COMPMS

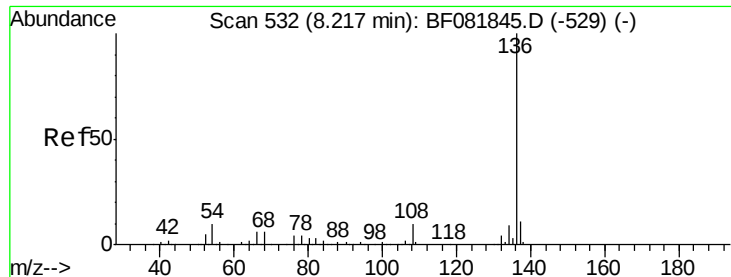
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 222914 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 59.6  | 63.8  | 95.6#  |
| 101      | 9.2   | 9.2   | 13.8#  |
| 130      | 18.9  | 27.3  | 40.9#  |



#20  
3+4-Methylphenols  
Concen: 43.81 ng  
RT: 7.30 min Scan# 452  
Delta R.T. -0.03 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 321168 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.9  | 74.6  | 114.6  |
| 77       | 104.6 | 0.7   | 40.7#  |
| 79       | 27.5  | 0.0   | 38.9   |

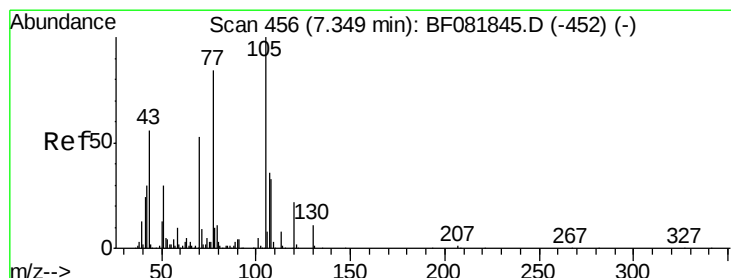
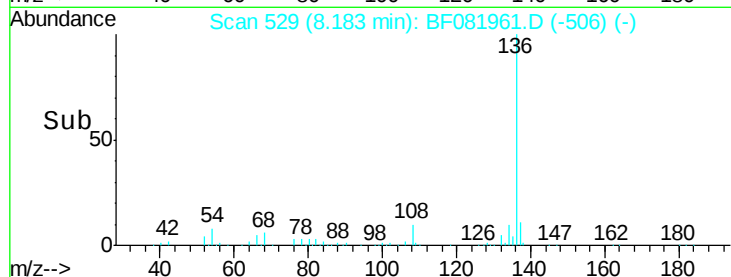
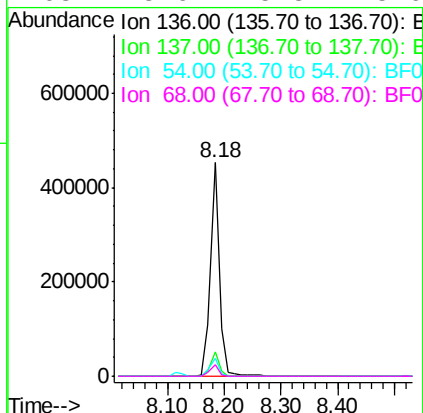
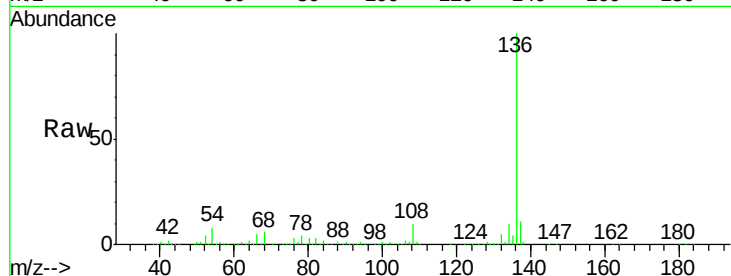




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.18 min Scan# 529  
Delta R.T. -0.03 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

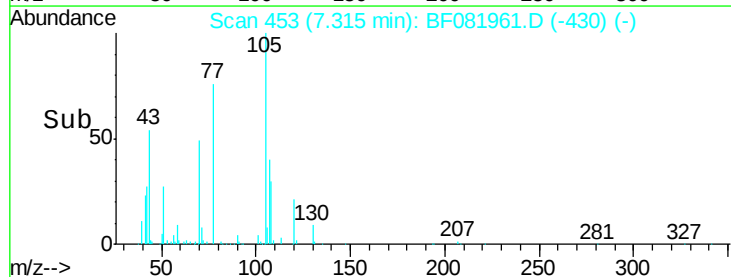
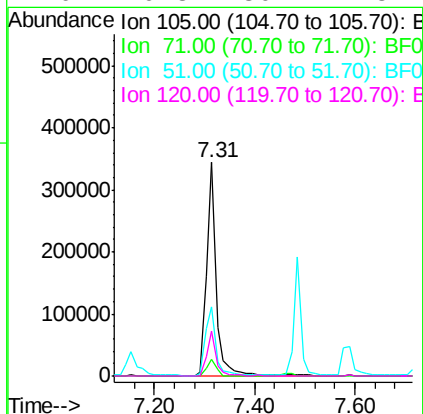
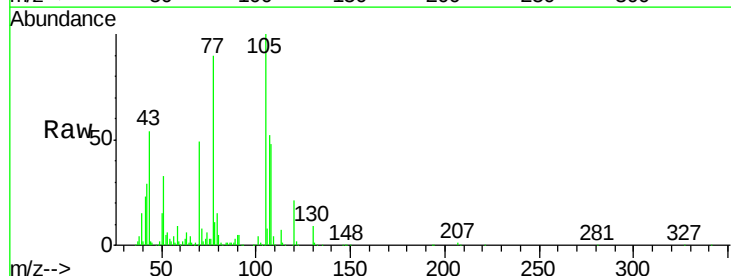
Instrument :  
BNA\_F  
ClientSampleId :  
A1-COMPMS

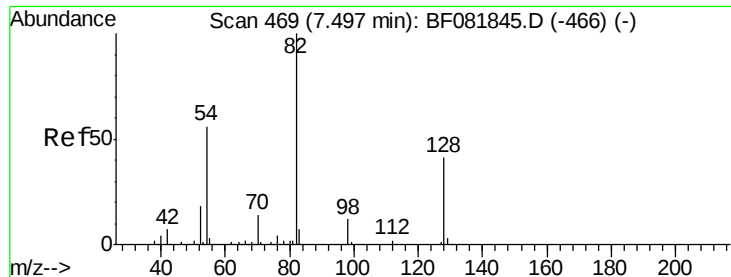
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 472360 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.4  | 9.0   | 13.6   |
| 54       | 8.2   | 8.2   | 12.2   |
| 68       | 5.6   | 5.8   | 8.6#   |



#22  
Acetophenone  
Concen: 47.78 ng  
RT: 7.31 min Scan# 453  
Delta R.T. -0.03 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 461446 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 8.0   | 4.7   | 7.1#   |
| 51       | 32.6  | 22.0  | 33.0   |
| 120      | 20.8  | 30.1  | 45.1#  |





#23

Nitrobenzene-d5

Concen: 100.39 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

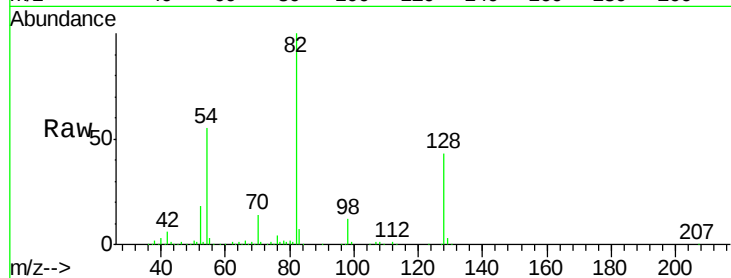
Tgt Ion: 82 Resp: 711409

Ion Ratio Lower Upper

82 100

128 42.7 51.0 76.6#

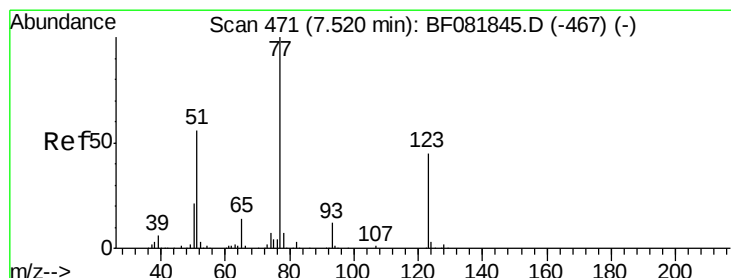
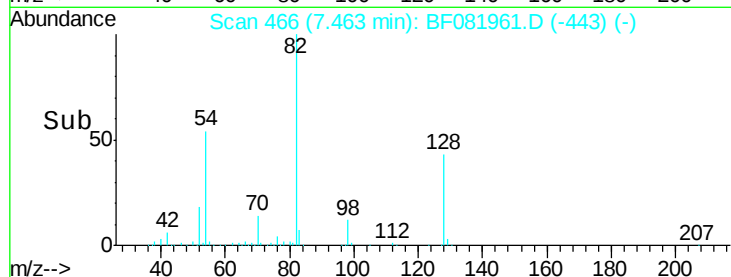
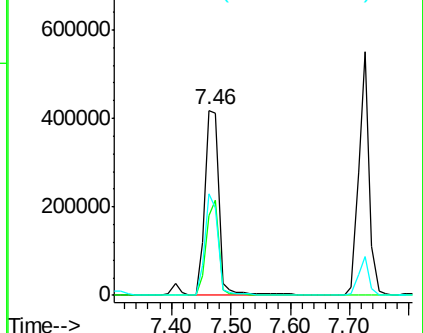
54 54.5 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 44.59 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

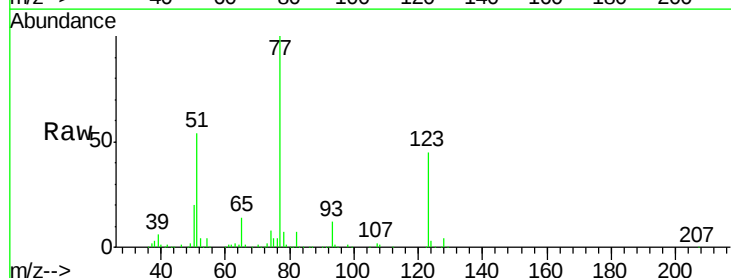
Tgt Ion: 77 Resp: 343100

Ion Ratio Lower Upper

77 100

123 44.9 59.8 89.8#

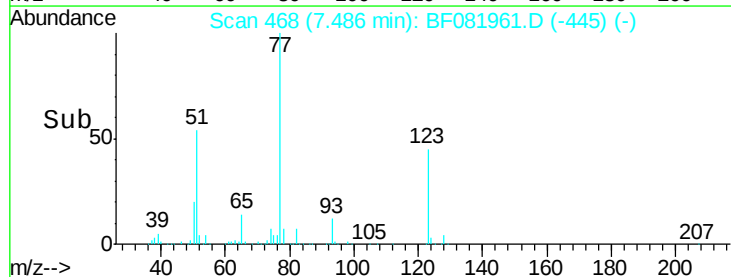
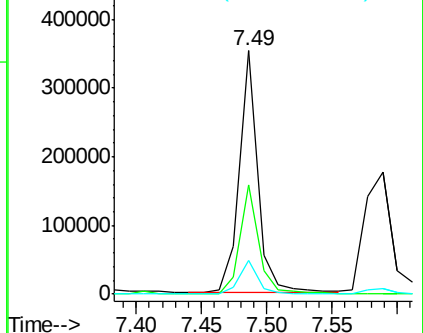
65 13.9 10.2 15.4

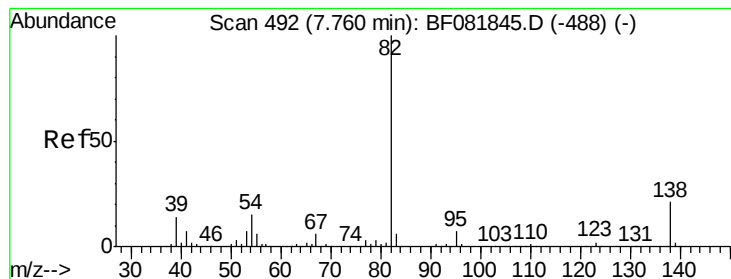


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.08 ng

RT: 7.73 min Scan# 489

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

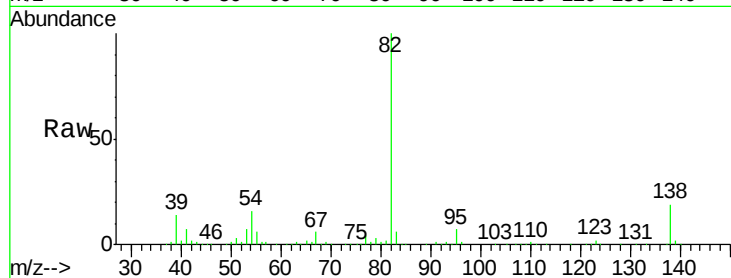
Tgt Ion: 82 Resp: 661168

Ion Ratio Lower Upper

82 100

95 7.1 4.0 6.0#

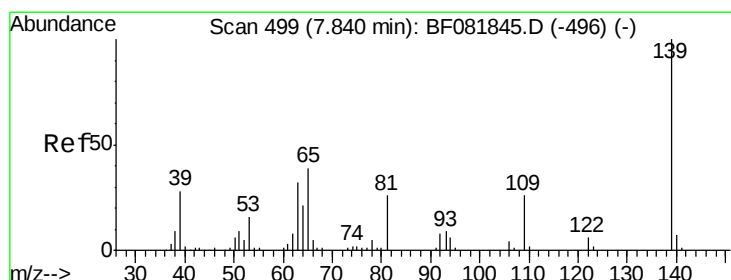
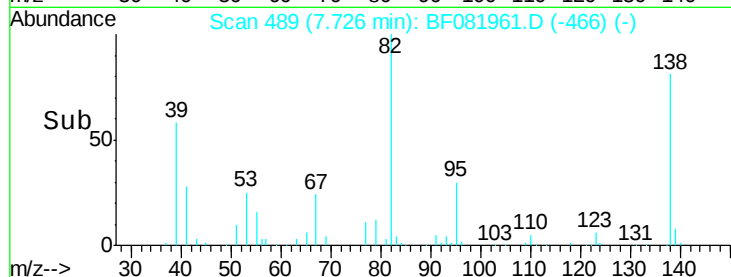
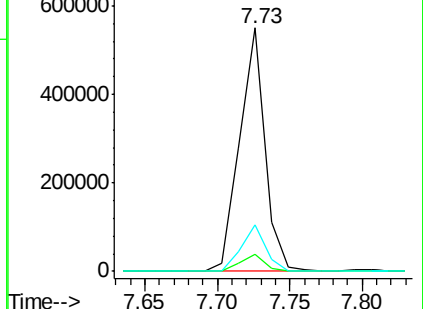
138 19.3 18.3 27.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 51.87 ng

RT: 7.81 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

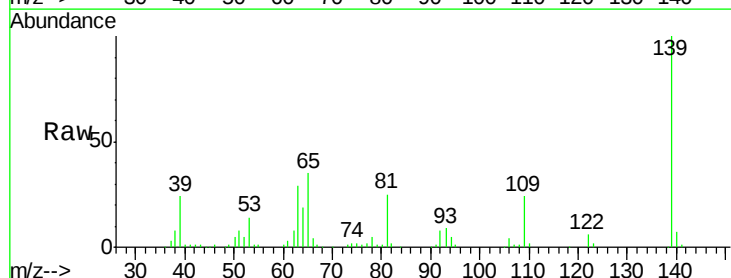
Tgt Ion: 139 Resp: 191585

Ion Ratio Lower Upper

139 100

109 24.1 11.0 16.4#

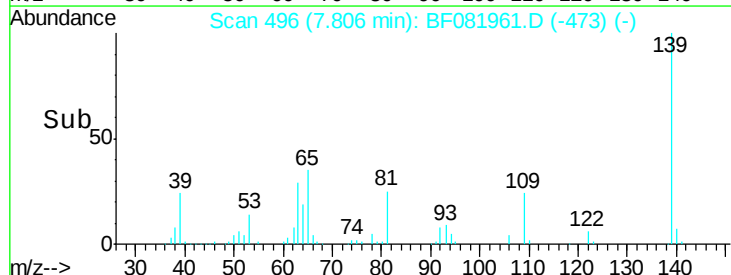
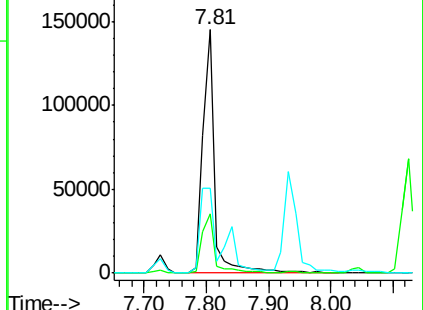
65 35.1 24.7 37.1

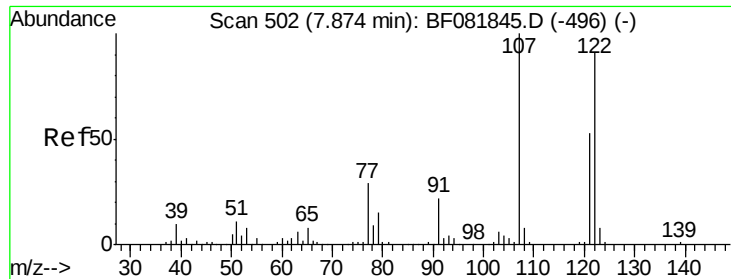


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 49.72 ng

RT: 7.84 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

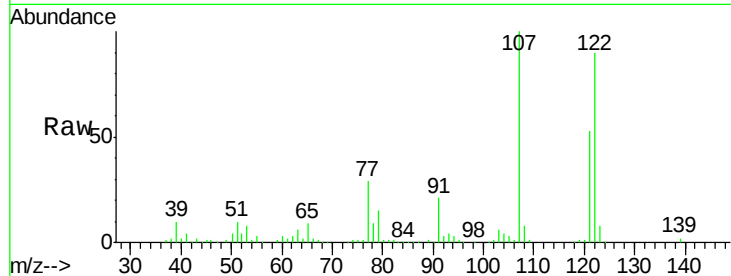
Tgt Ion:122 Resp: 323061

Ion Ratio Lower Upper

122 100

107 110.9 71.8 107.6#

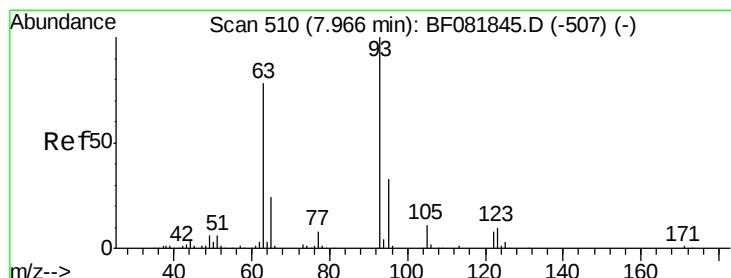
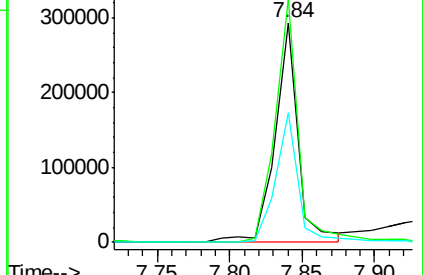
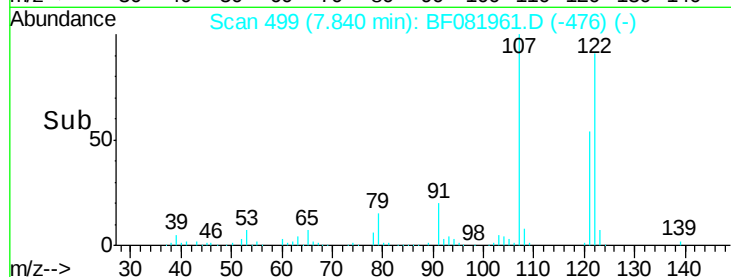
121 59.2 42.3 63.5



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: 44.23 ng

RT: 7.93 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

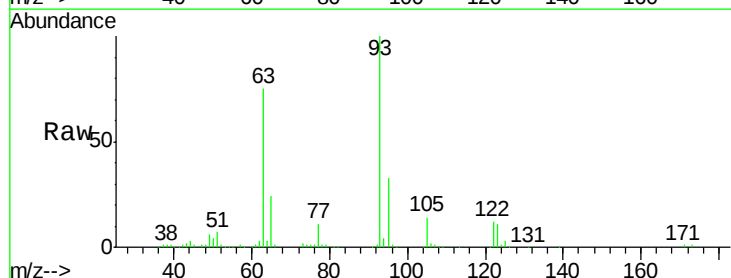
Tgt Ion: 93 Resp: 368872

Ion Ratio Lower Upper

93 100

95 33.1 27.5 41.3

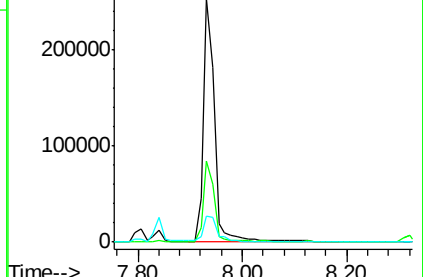
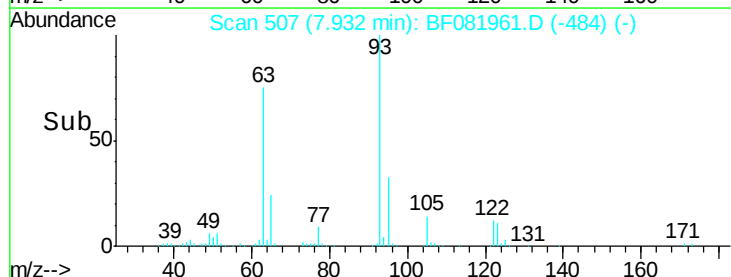
123 10.8 13.7 20.5#

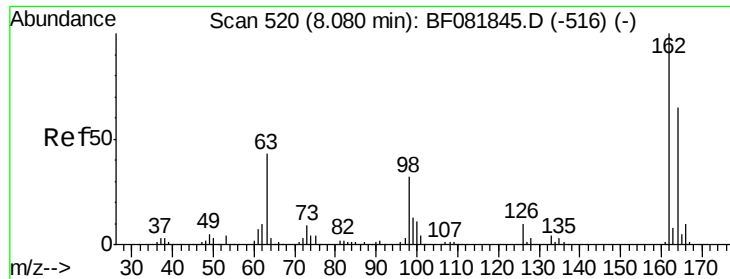


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

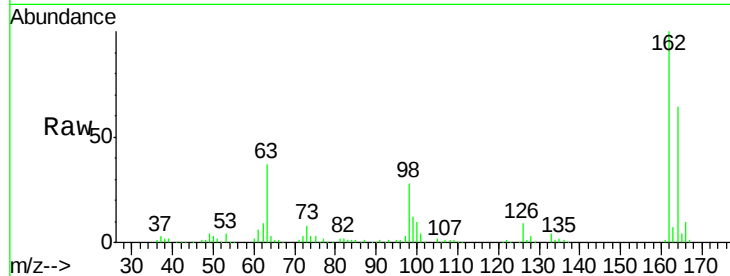




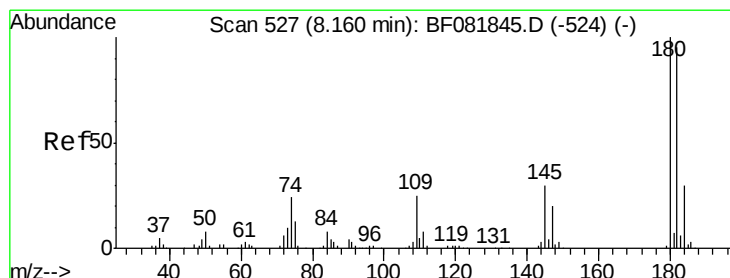
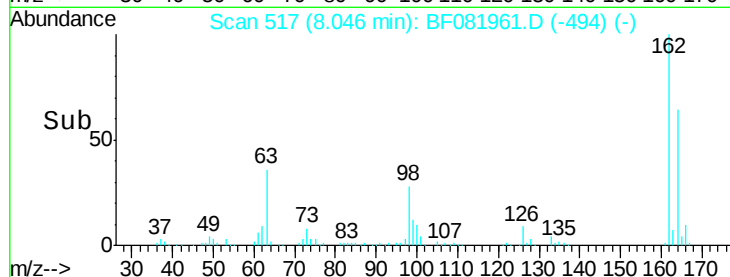
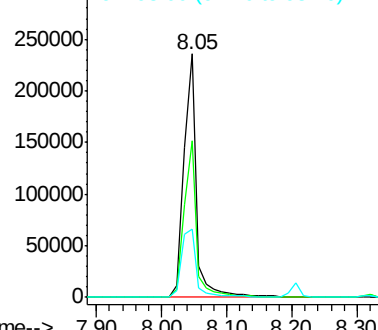
#29  
 2,4-Dichlorophenol  
 Concen: 51.18 ng  
 RT: 8.05 min Scan# 517  
 Delta R.T. -0.03 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A1-COMPMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.3  | 44.9  | 84.9  |
| 98      | 28.1  | 13.0  | 53.0  |

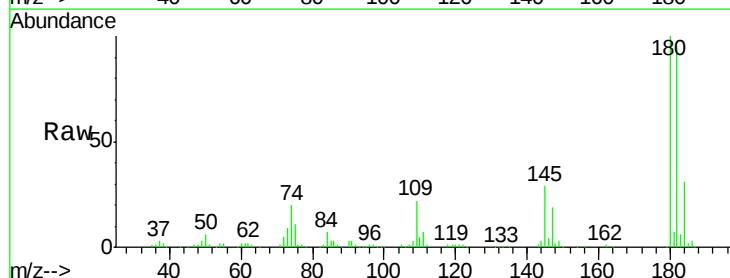


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

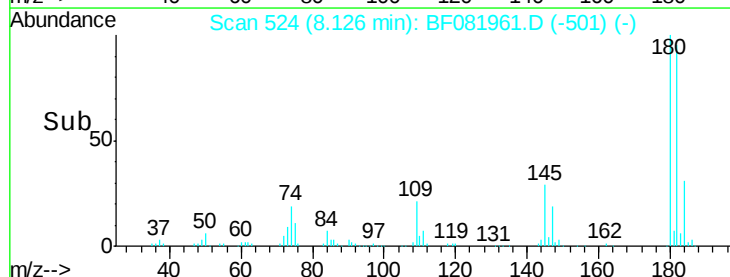
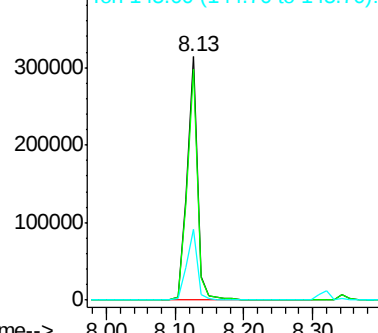


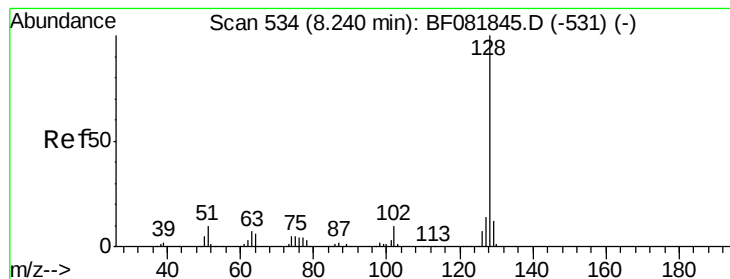
#30  
 1,2,4-Trichlorobenzene  
 Concen: 48.35 ng  
 RT: 8.13 min Scan# 524  
 Delta R.T. -0.03 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 77.1  | 115.7 |
| 145     | 29.2  | 23.3  | 34.9  |



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: 46.56 ng

RT: 8.21 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

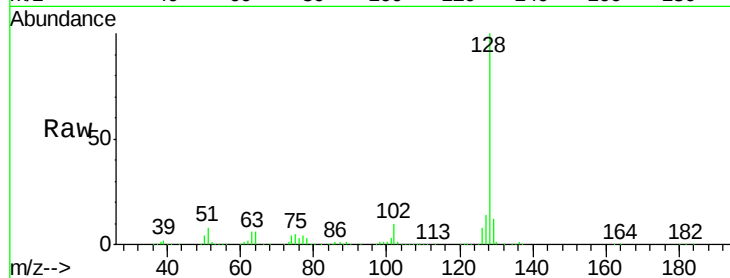
Tgt Ion:128 Resp: 974451

Ion Ratio Lower Upper

128 100

129 11.6 8.4 12.6

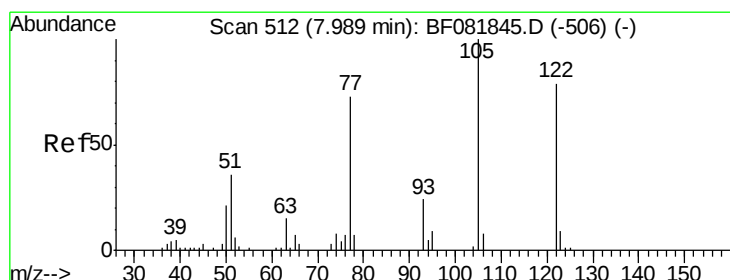
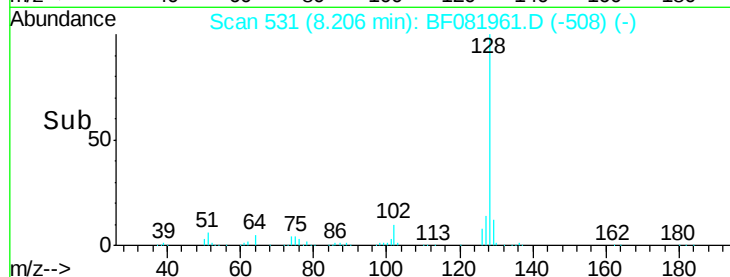
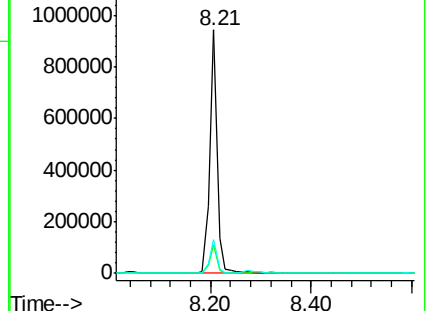
127 13.7 9.9 14.9



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: 48.44 ng

RT: 7.97 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

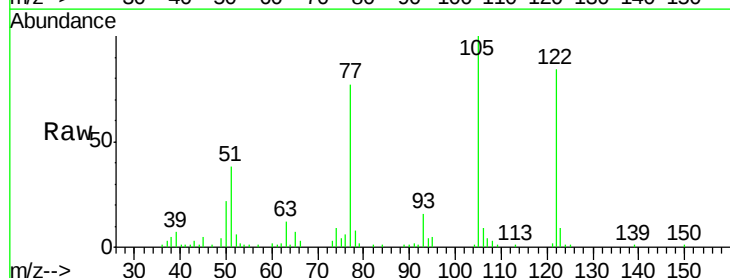
Tgt Ion:122 Resp: 188581

Ion Ratio Lower Upper

122 100

105 118.4 76.1 116.1#

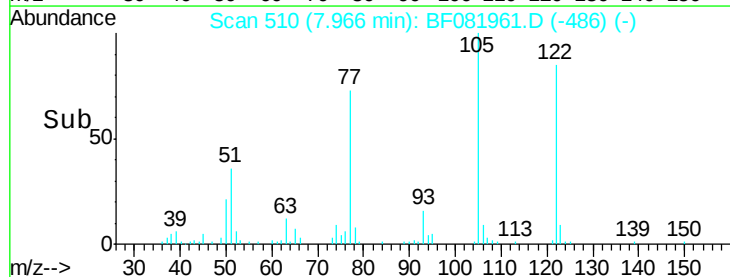
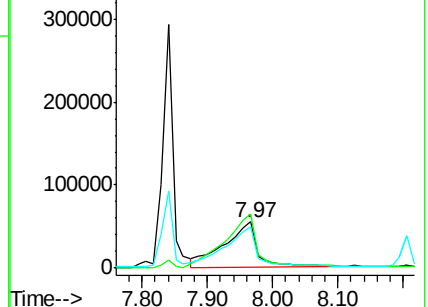
77 91.2 40.5 80.5#

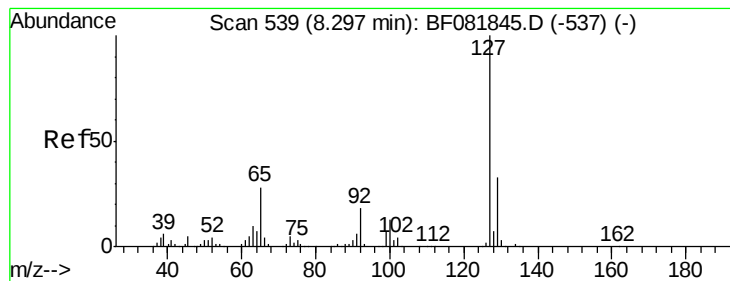


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 3.69 ng

RT: 8.27 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

Tgt Ion:127 Resp: 33415

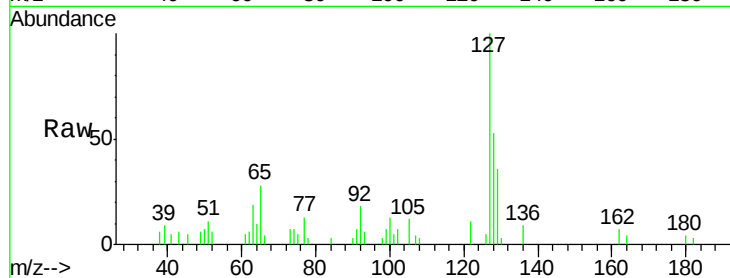
Ion Ratio Lower Upper

127 100

129 36.0 25.8 38.6

65 28.0 17.9 26.9#

92 17.9 10.5 15.7#

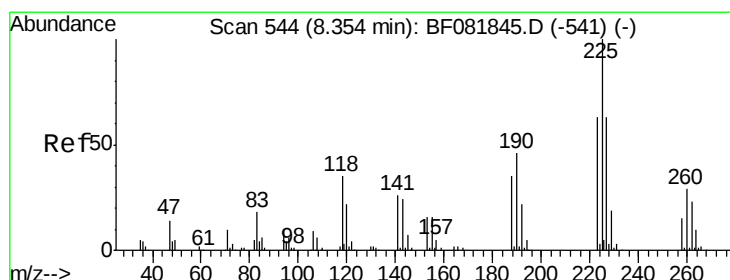
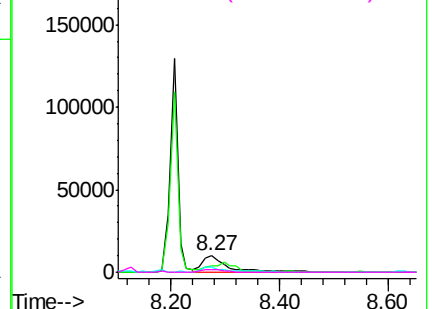
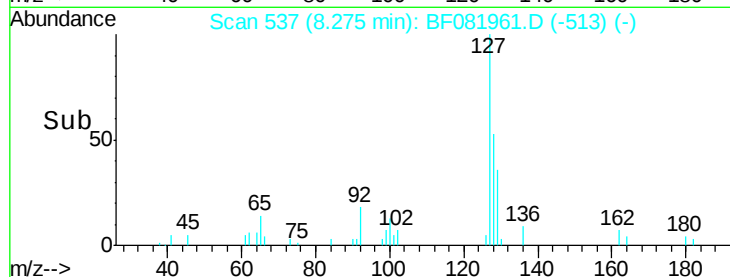


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 50.07 ng

RT: 8.32 min Scan# 541

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

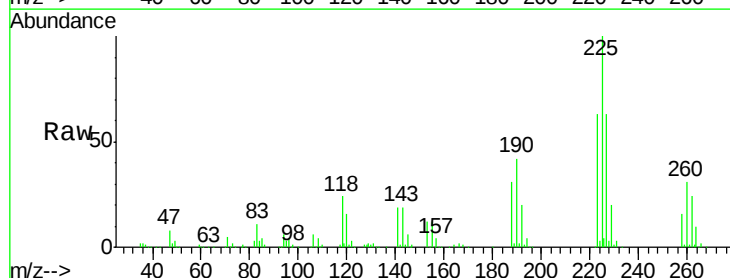
Tgt Ion:225 Resp: 208304

Ion Ratio Lower Upper

225 100

223 63.0 50.2 75.2

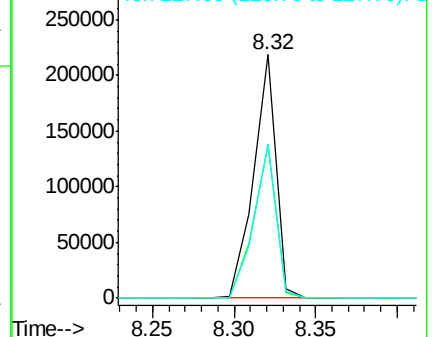
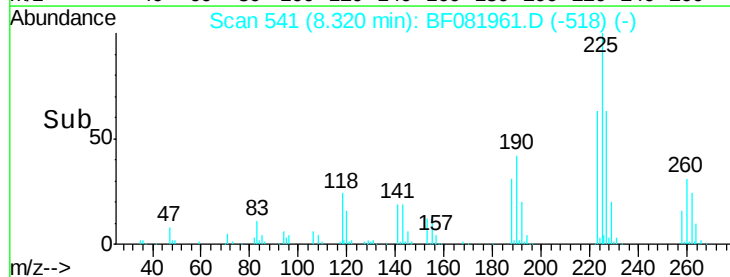
227 63.4 52.2 78.2

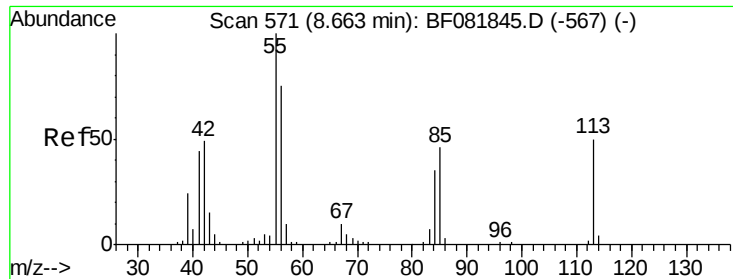


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

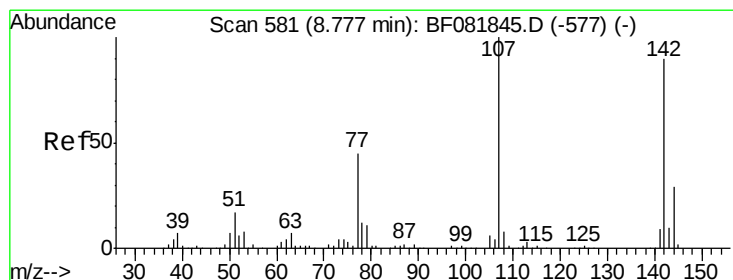
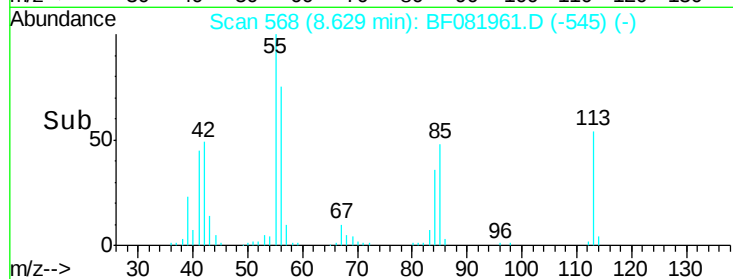
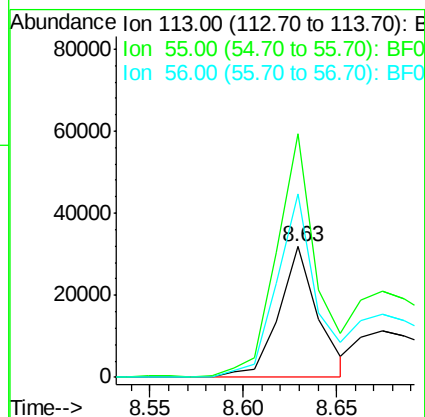
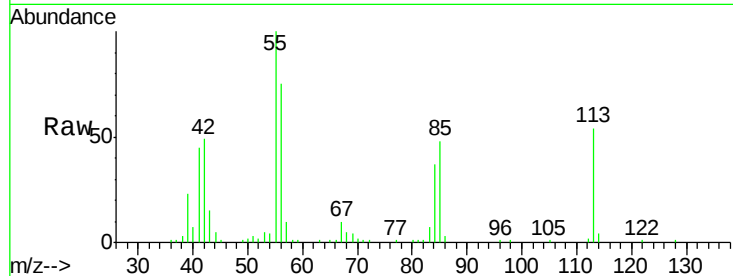




#35  
 Caprolactam  
 Concen: 26.69 ng  
 RT: 8.63 min Scan# 568  
 Delta R.T. -0.03 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

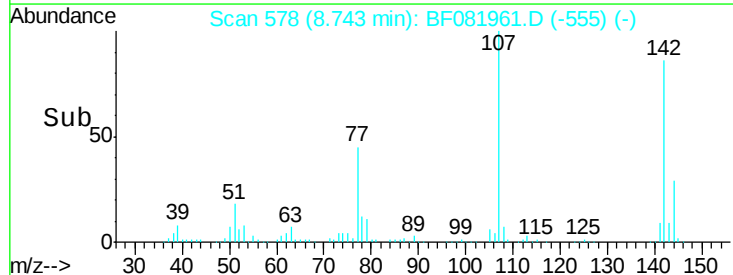
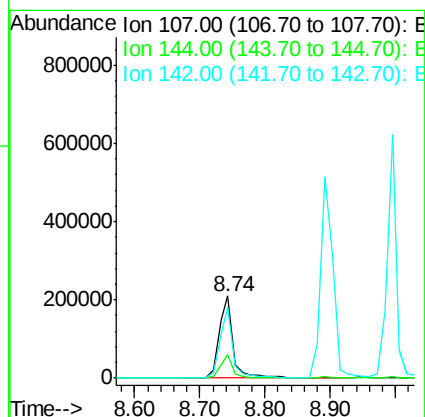
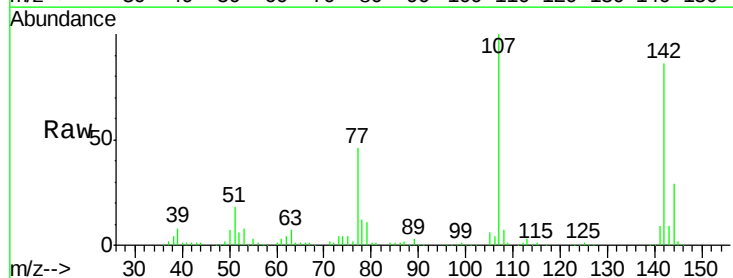
Instrument :  
 BNA\_F  
 ClientSampleId :  
 A1-COMPMS

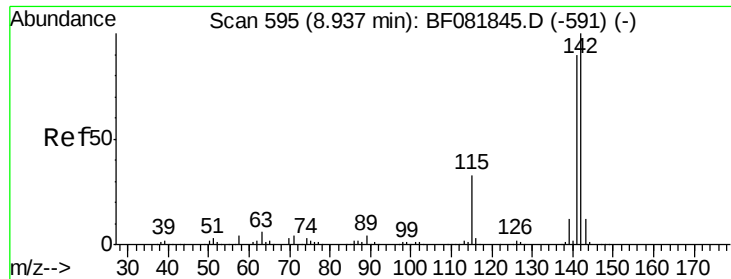
Tgt Ion:113 Resp: 46550  
 Ion Ratio Lower Upper  
 113 100  
 55 186.0 152.4 192.4  
 56 139.8 104.6 144.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 51.80 ng  
 RT: 8.74 min Scan# 578  
 Delta R.T. -0.03 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Tgt Ion:107 Resp: 319145  
 Ion Ratio Lower Upper  
 107 100  
 144 28.7 25.4 38.0  
 142 86.5 77.3 115.9

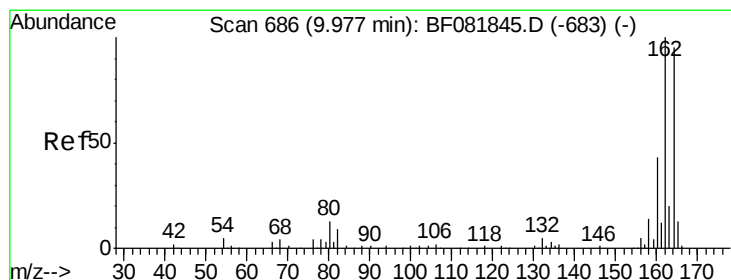
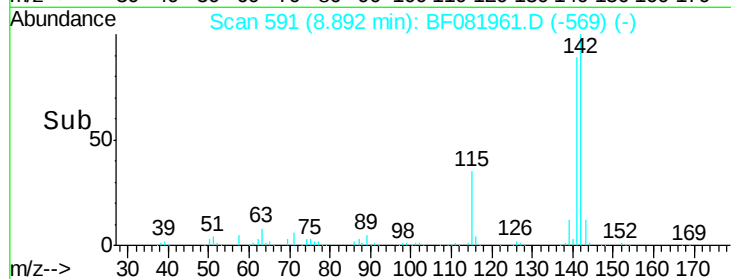
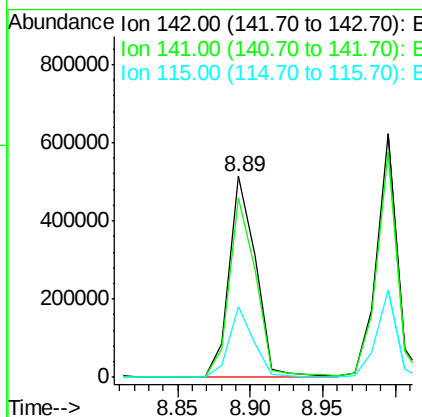
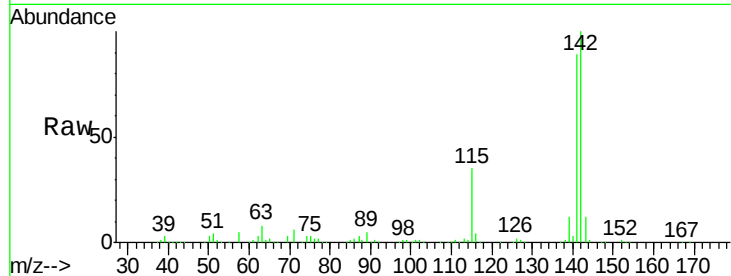




#37  
 2-Methylnaphthalene  
 Concen: 45.94 ng  
 RT: 8.89 min Scan# 591  
 Delta R.T. -0.05 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

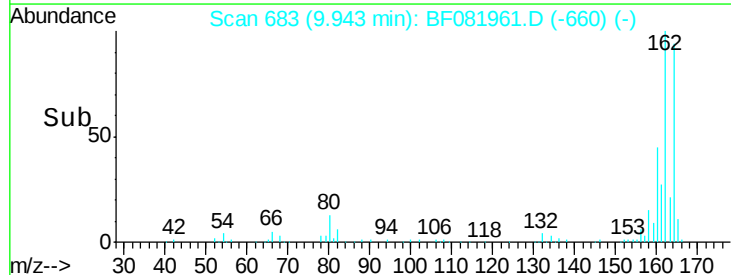
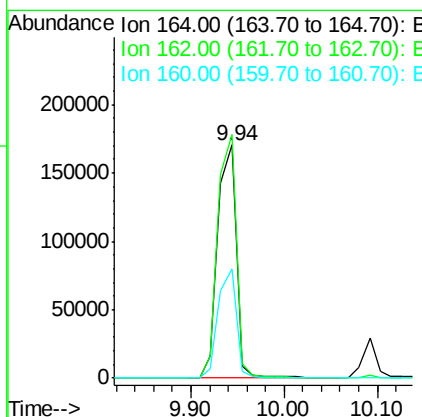
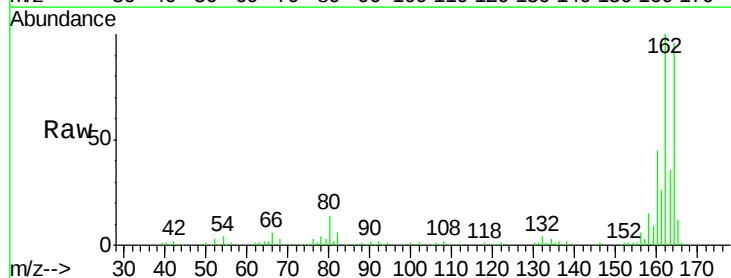
Instrument :  
 BNA\_F  
 ClientSampleId :  
 A1-COMPMS

Tgt Ion:142 Resp: 656324  
 Ion Ratio Lower Upper  
 142 100  
 141 89.4 67.5 101.3  
 115 35.2 18.2 27.2#



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.94 min Scan# 683  
 Delta R.T. -0.03 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Tgt Ion:164 Resp: 237043  
 Ion Ratio Lower Upper  
 164 100  
 162 104.5 75.2 112.8  
 160 46.9 31.5 47.3

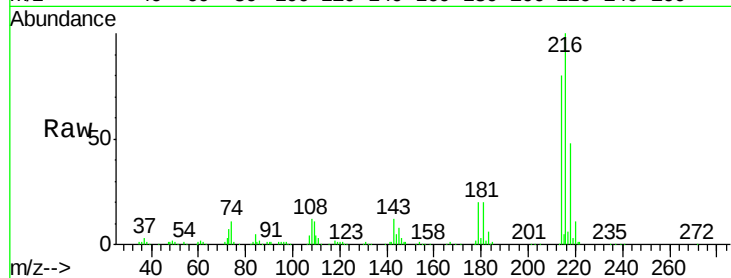




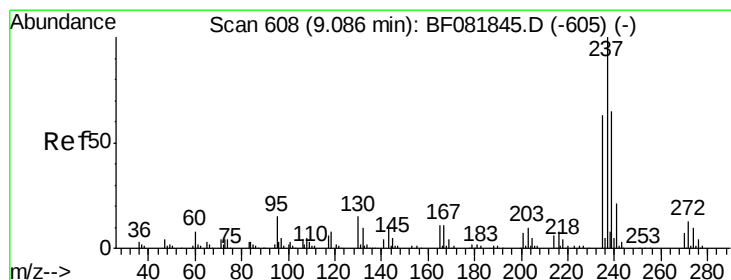
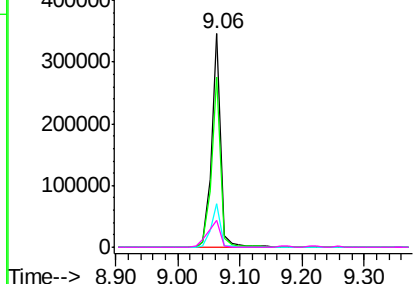
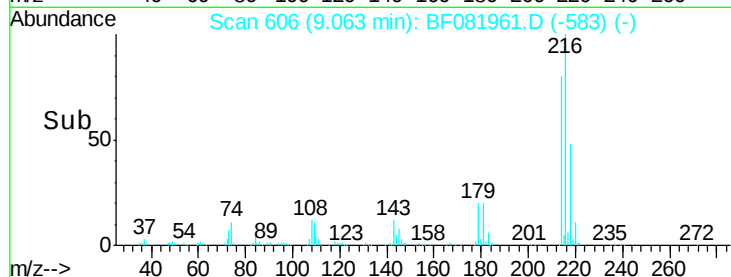
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 47.81 ng  
 RT: 9.06 min Scan# 606  
 Delta R.T. -0.03 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A1-COMPMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 347925 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 80.1  | 63.5  | 95.3   |
| 179      | 21.2  | 16.6  | 24.8   |
| 108      | 18.1  | 16.3  | 24.5   |

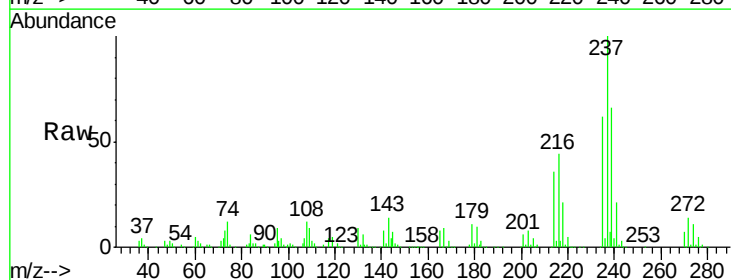


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

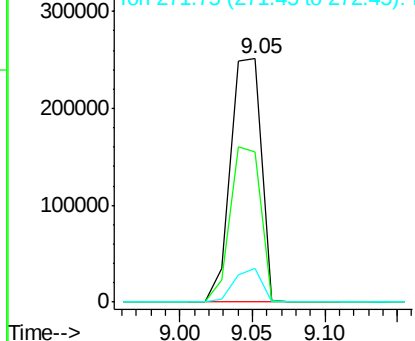
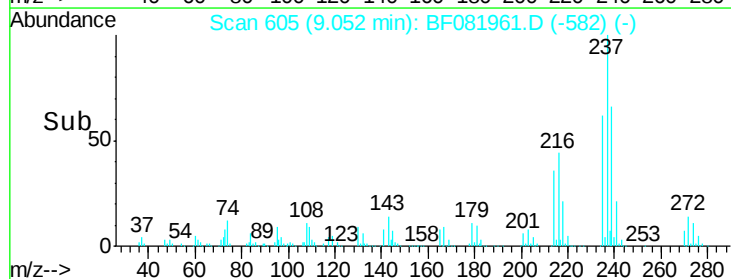


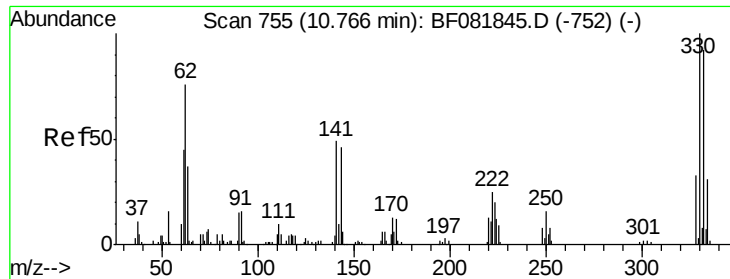
#40  
 Hexachlorocyclopentadiene  
 Concen: 98.38 ng  
 RT: 9.05 min Scan# 605  
 Delta R.T. -0.03 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 368674 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 61.7  | 42.0  | 82.0   |
| 272      | 14.0  | 0.0   | 36.1   |



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

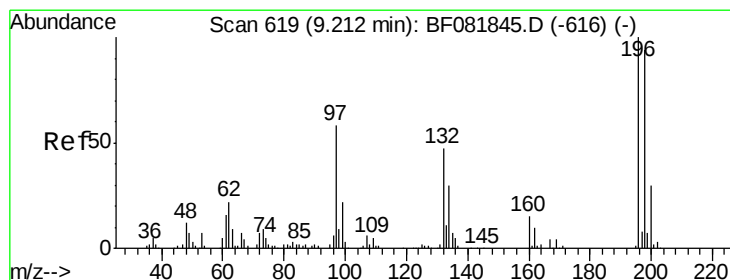
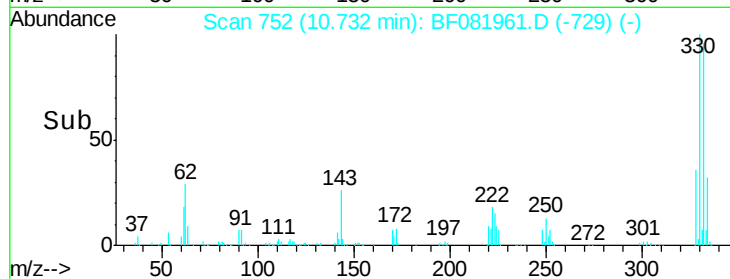
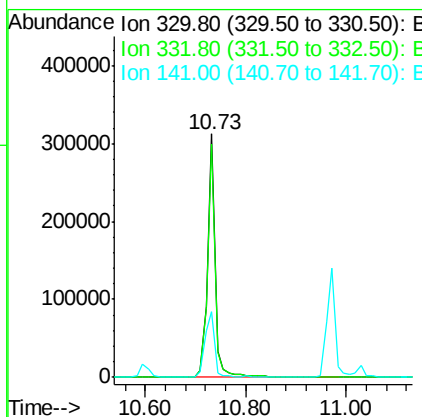
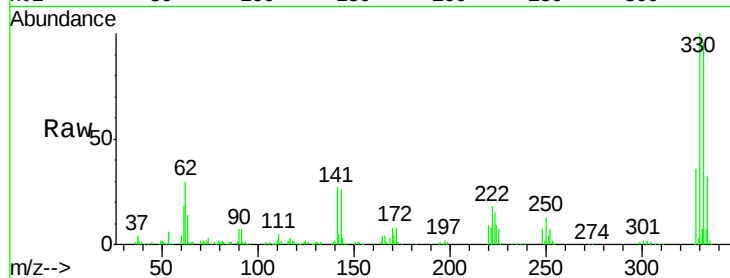




#41  
 2,4,6-Tribromophenol  
 Concen: 138.48 ng  
 RT: 10.73 min Scan# 752  
 Delta R.T. -0.03 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

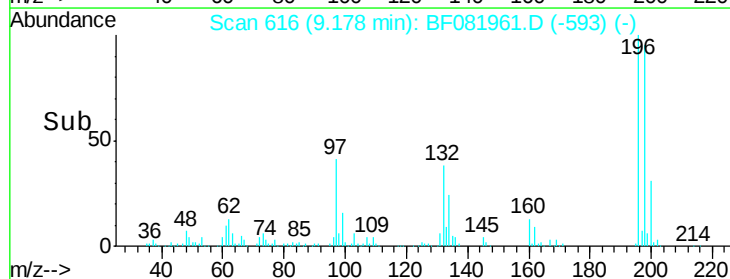
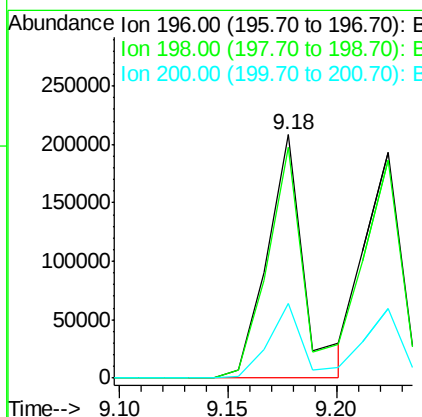
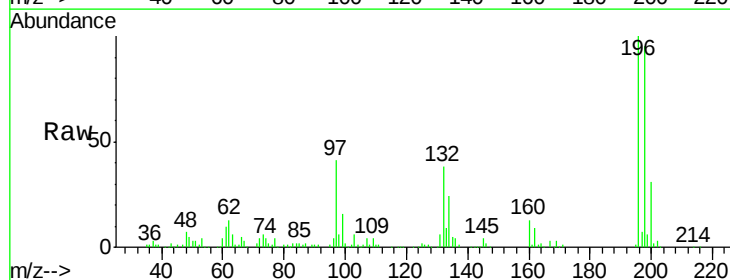
Instrument :  
 BNA\_F  
 ClientSampleId :  
 A1-COMPMS

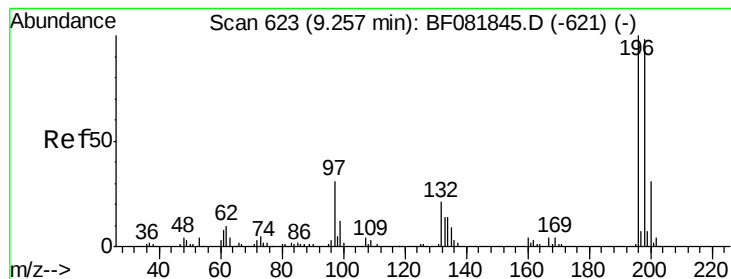
Tgt Ion:330 Resp: 332445  
 Ion Ratio Lower Upper  
 330 100  
 332 96.3 76.6 114.8  
 141 34.3 29.7 44.5



#42  
 2,4,6-Trichlorophenol  
 Concen: 49.32 ng  
 RT: 9.18 min Scan# 616  
 Delta R.T. -0.03 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Tgt Ion:196 Resp: 246052  
 Ion Ratio Lower Upper  
 196 100  
 198 95.1 75.7 113.5  
 200 30.7 23.9 35.9

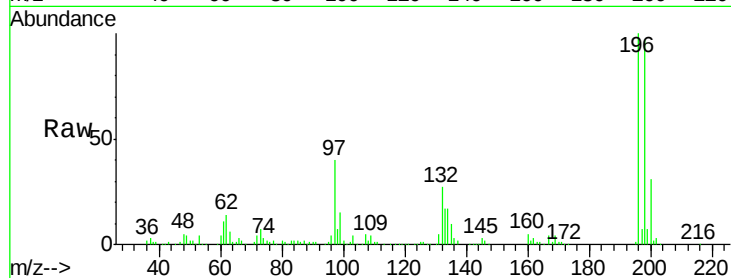




#43  
 2,4,5-Trichlorophenol  
 Concen: 48.61 ng  
 RT: 9.22 min Scan# 620  
 Delta R.T. -0.03 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A1-COMPMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.6  | 75.4  | 113.0 |
| 97      | 40.5  | 33.3  | 49.9  |
| 132     | 26.5  | 24.6  | 37.0  |



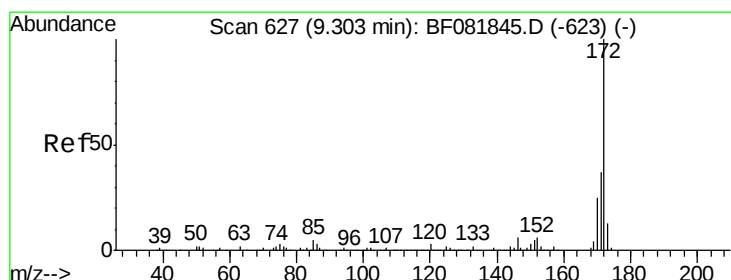
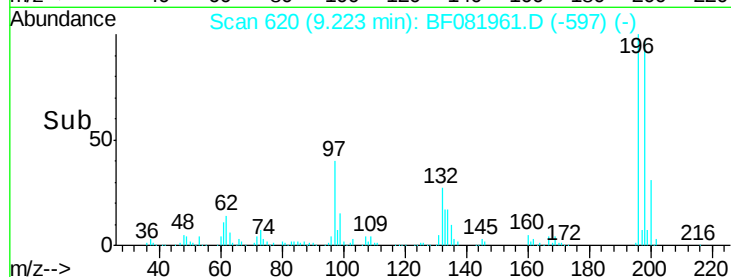
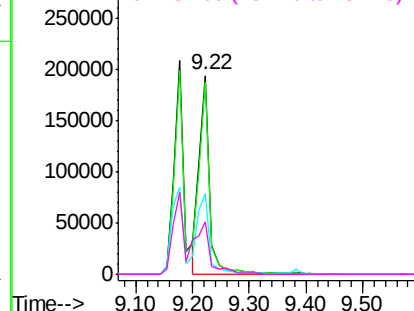
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

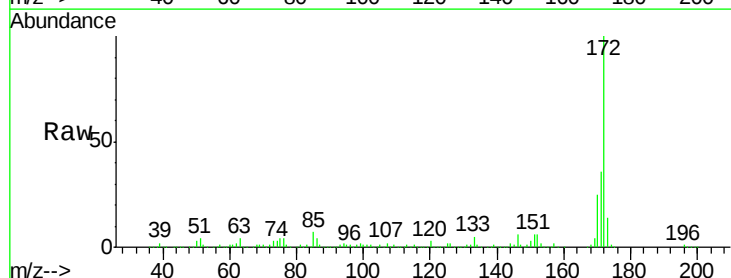
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 95.90 ng  
 RT: 9.26 min Scan# 623  
 Delta R.T. -0.05 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.1  | 26.1  | 39.1  |
| 170     | 24.5  | 17.4  | 26.2  |

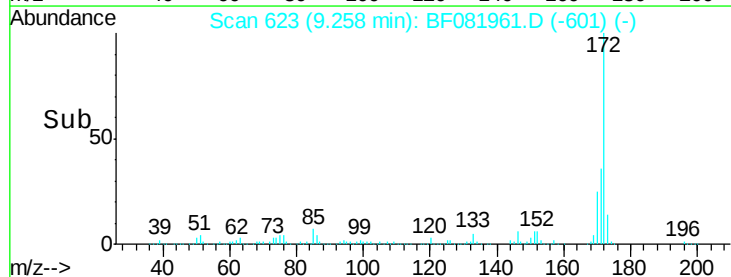
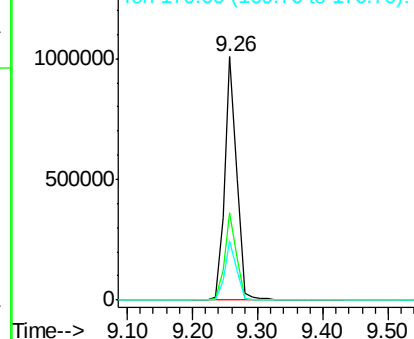


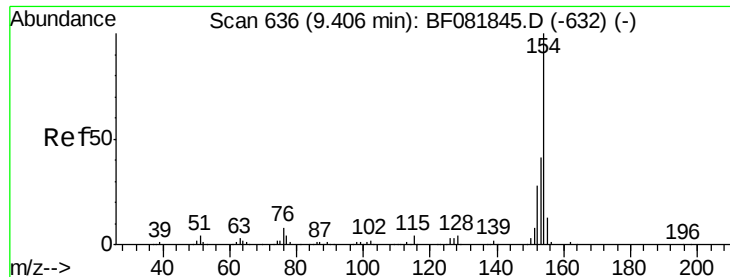
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

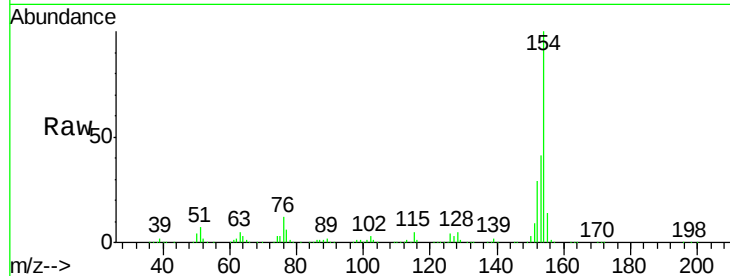




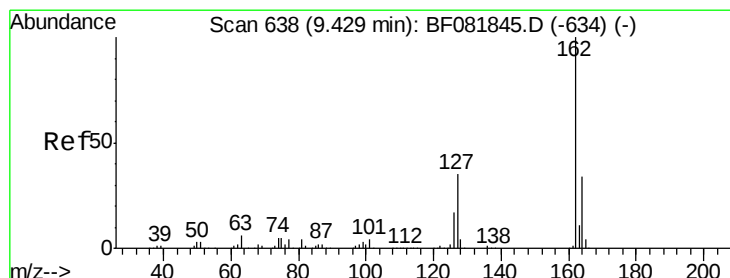
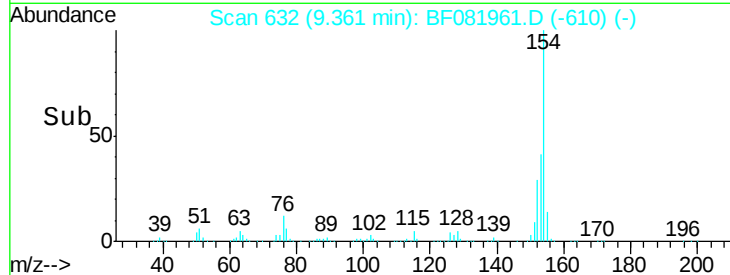
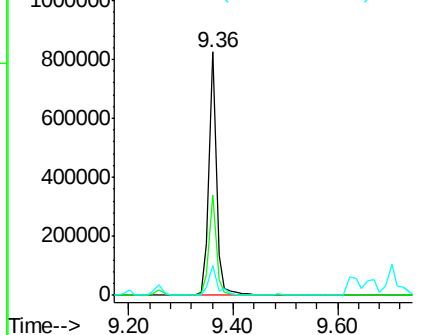
#45  
 1,1'-Biphenyl  
 Concen: 45.65 ng  
 RT: 9.36 min Scan# 632  
 Delta R.T. -0.05 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A1-COMPMS

Tgt Ion:154 Resp: 834810  
 Ion Ratio Lower Upper  
 154 100  
 153 41.2 17.1 57.1  
 76 12.4 0.0 31.6

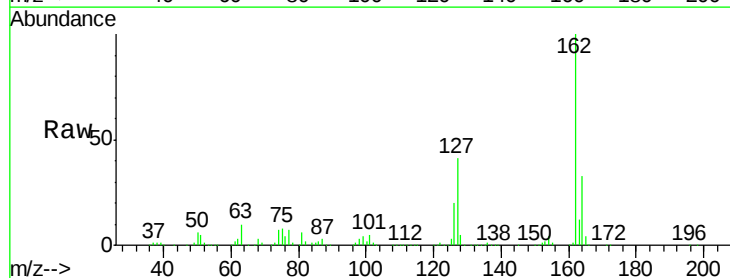


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

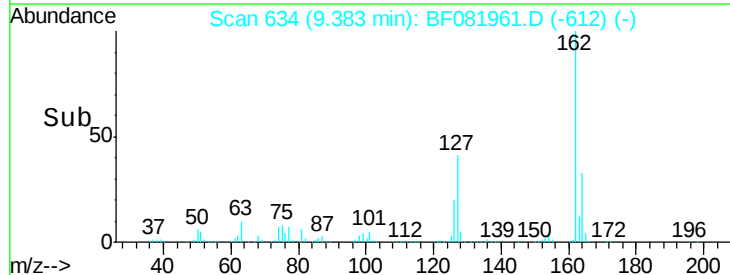
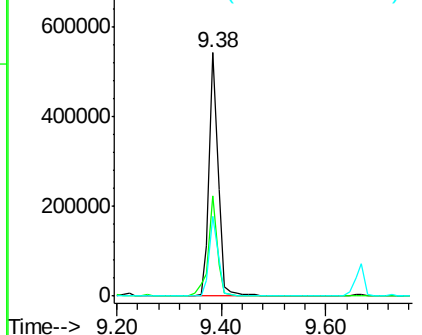


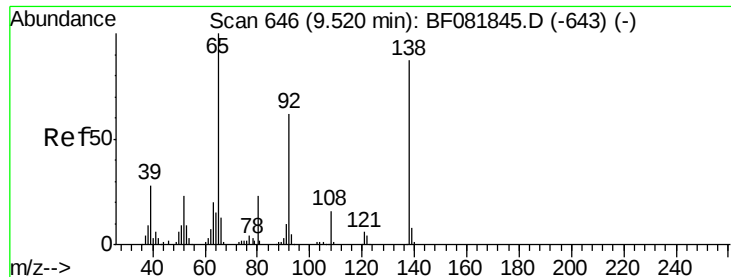
#46  
 2-Chloronaphthalene  
 Concen: 45.52 ng  
 RT: 9.38 min Scan# 634  
 Delta R.T. -0.05 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Tgt Ion:162 Resp: 653670  
 Ion Ratio Lower Upper  
 162 100  
 127 41.3 27.6 41.4  
 164 32.8 25.4 38.2



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

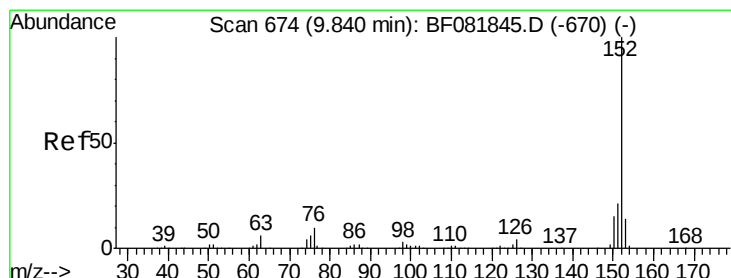
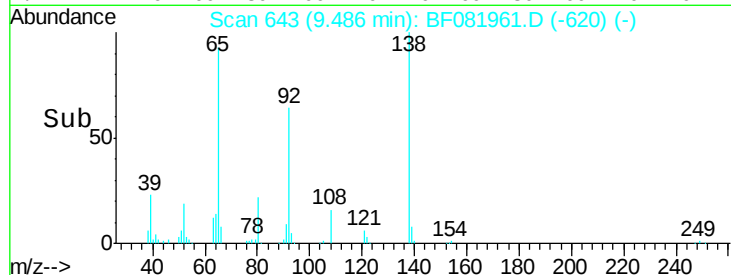
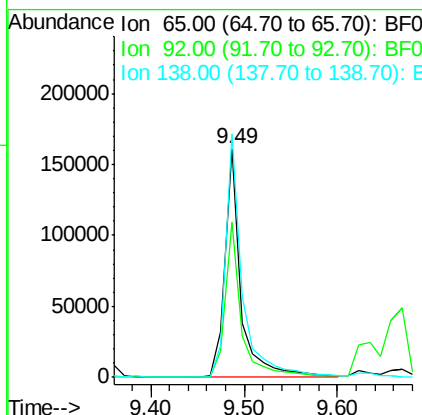
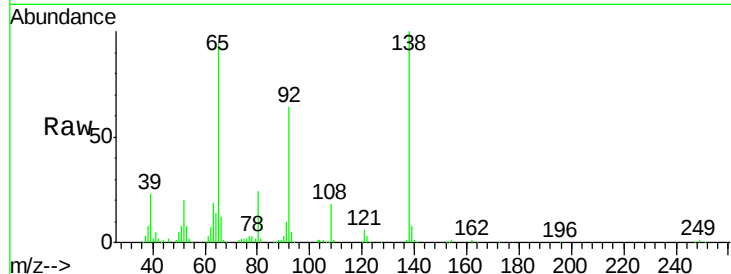




#47  
2-Nitroaniline  
Concen: 45.83 ng  
RT: 9.49 min Scan# 643  
Delta R.T. -0.03 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

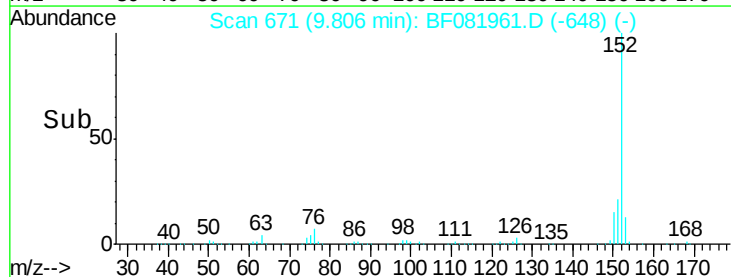
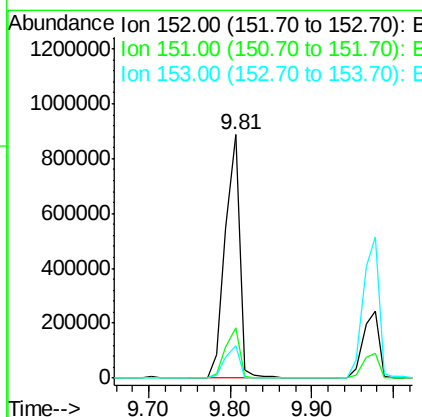
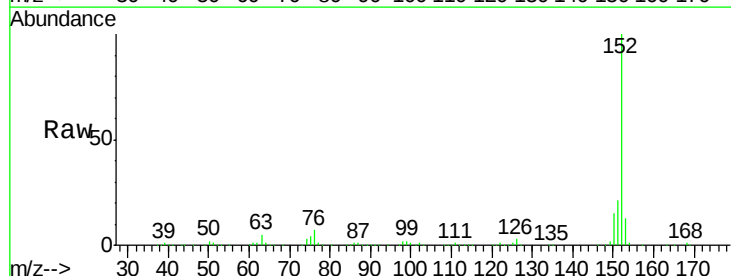
Instrument :  
BNA\_F  
ClientSampleId :  
A1-COMPMS

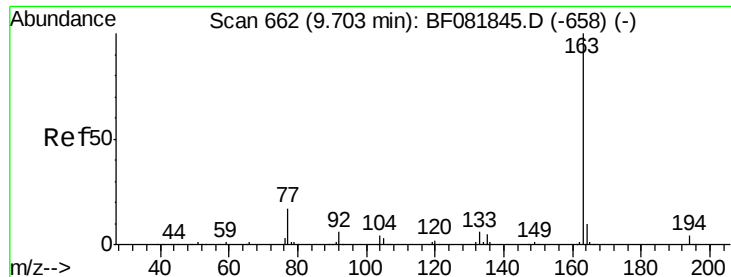
Tgt Ion: 65 Resp: 193199  
Ion Ratio Lower Upper  
65 100  
92 68.0 55.4 83.0  
138 106.4 115.5 173.3#



#48  
Acenaphthylene  
Concen: 47.38 ng  
RT: 9.81 min Scan# 671  
Delta R.T. -0.03 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

Tgt Ion: 152 Resp: 1089014  
Ion Ratio Lower Upper  
152 100  
151 20.6 14.6 22.0  
153 13.3 10.3 15.5





#49

Dimethylphthalate

Concen: 52.20 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

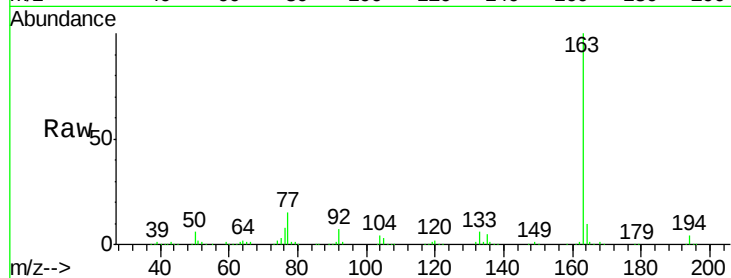
Tgt Ion:163 Resp: 854077

Ion Ratio Lower Upper

163 100

194 3.7 4.4 6.6#

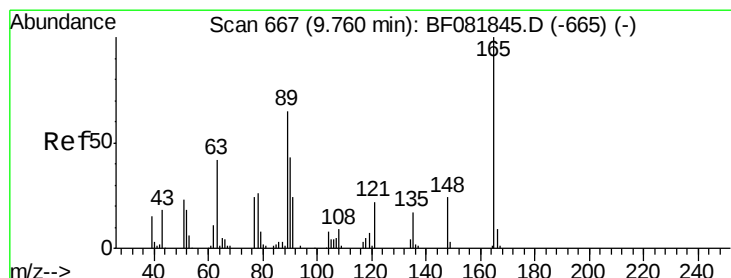
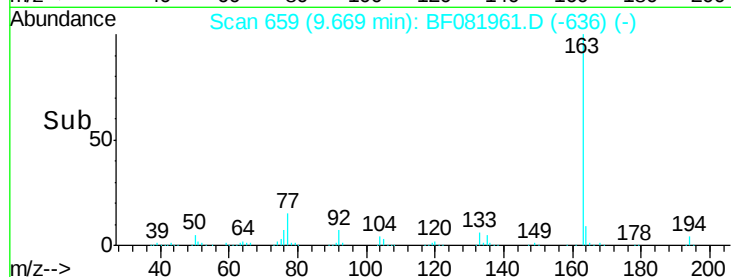
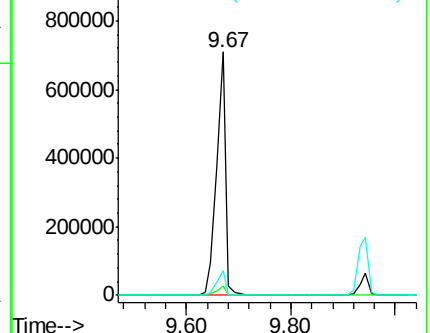
164 10.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.72 ng

RT: 9.73 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

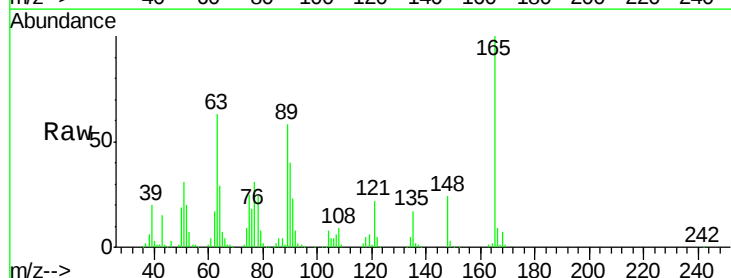
Tgt Ion:165 Resp: 169516

Ion Ratio Lower Upper

165 100

63 63.0 32.3 48.5#

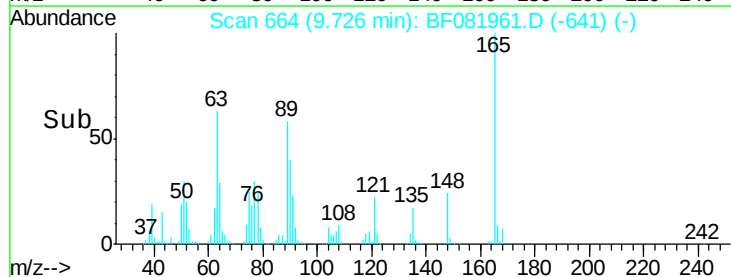
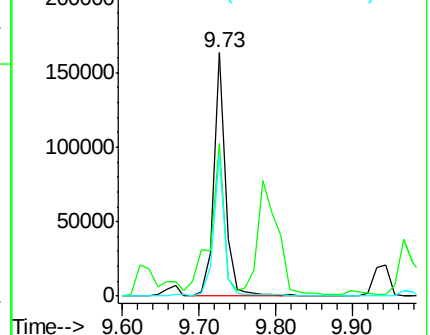
89 58.2 28.6 43.0#

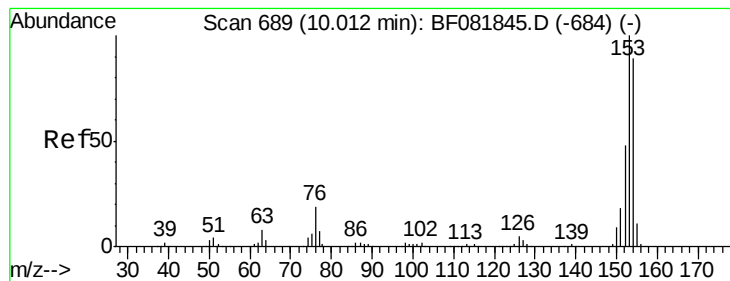


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 53.73 ng

RT: 9.98 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

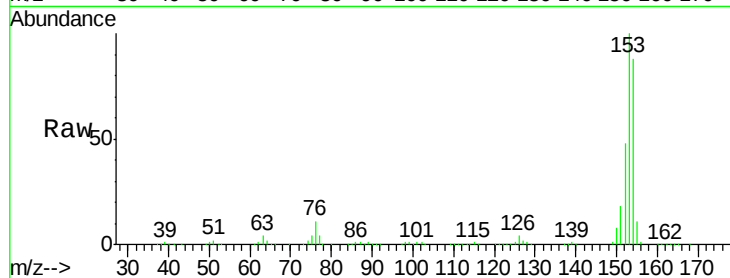
Tgt Ion:154 Resp: 733228

Ion Ratio Lower Upper

154 100

153 114.0 82.1 123.1

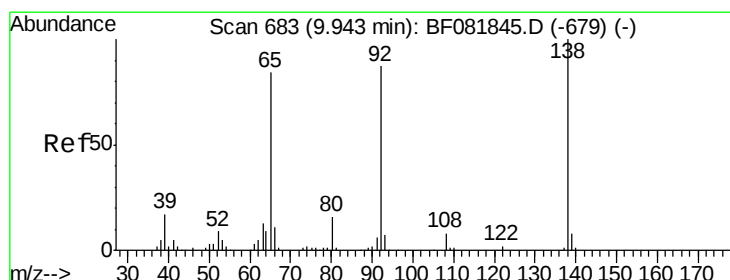
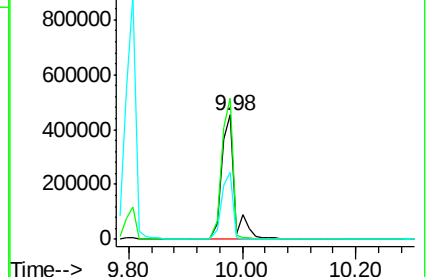
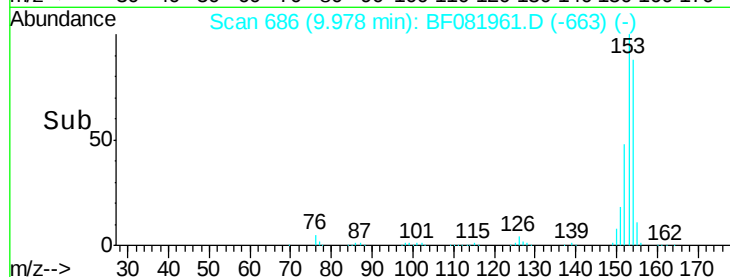
152 54.5 37.9 56.9



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: 7.72 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

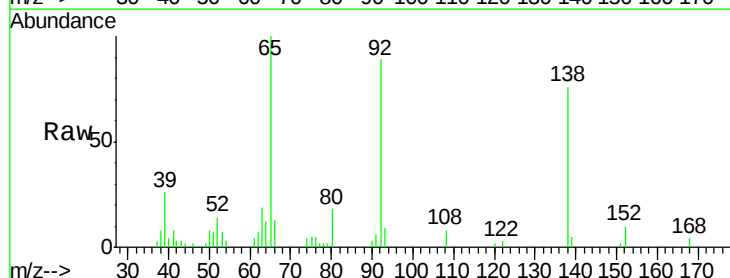
Tgt Ion:138 Resp: 31714

Ion Ratio Lower Upper

138 100

108 10.2 5.7 8.5#

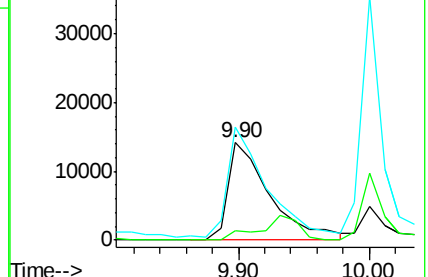
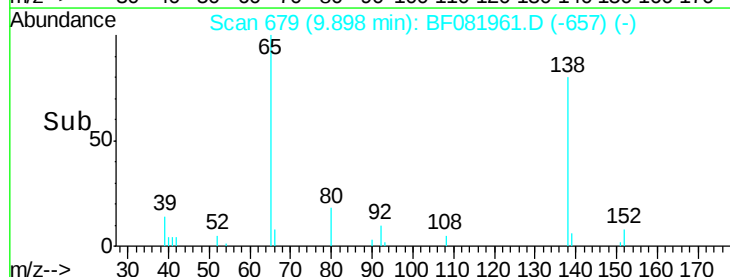
92 116.7 67.7 101.5#

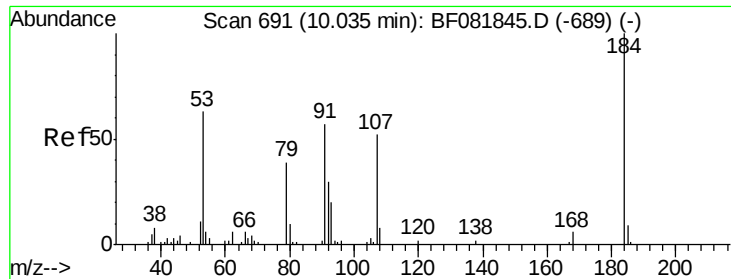


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

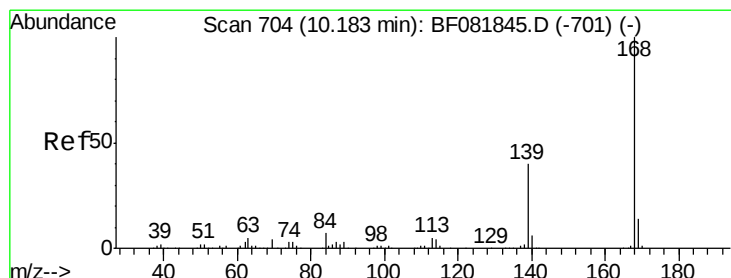
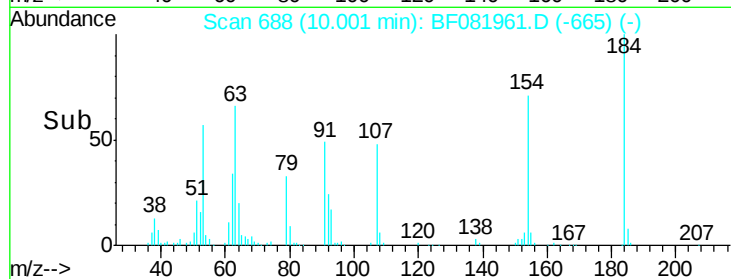
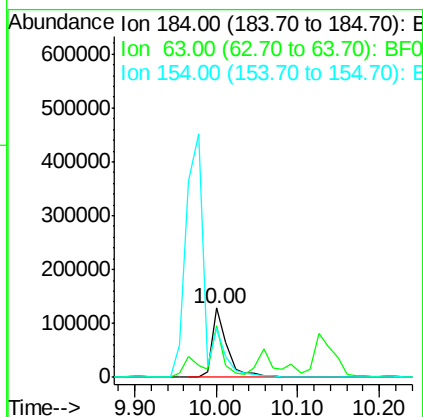
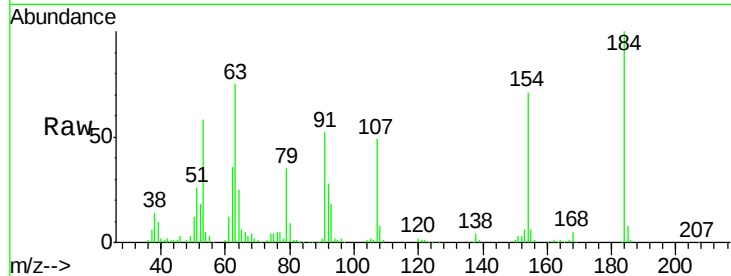




#53  
2,4-Dinitrophenol  
Concen: 89.33 ng  
RT: 10.00 min Scan# 688  
Delta R.T. -0.03 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

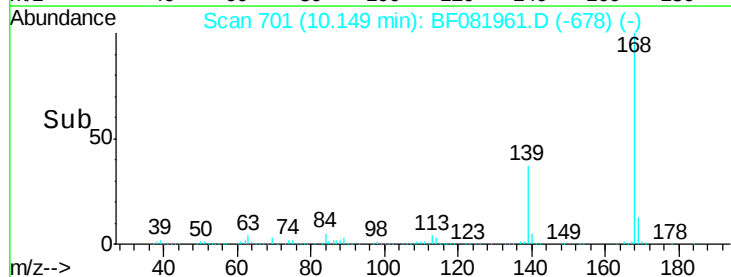
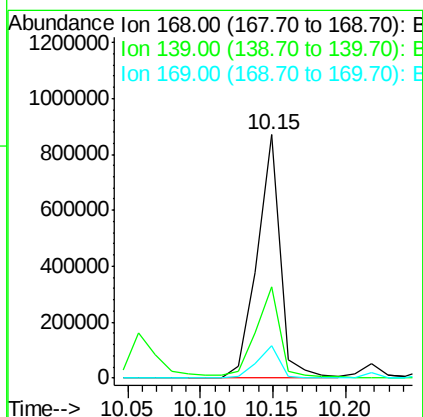
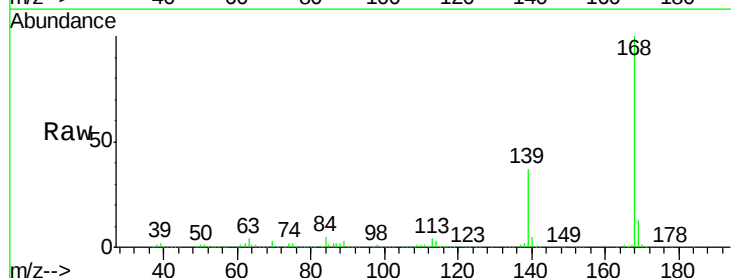
Instrument :  
BNA\_F  
ClientSampleId :  
A1-COMPMS

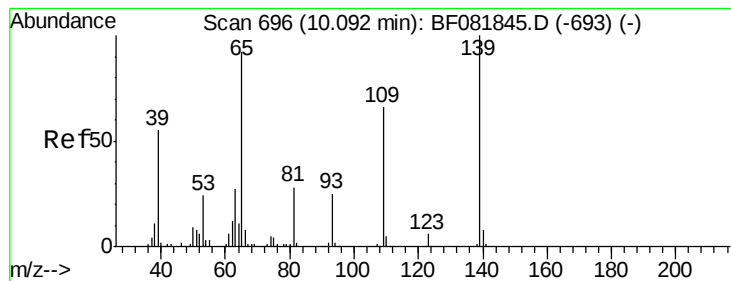
Tgt Ion:184 Resp: 167253  
Ion Ratio Lower Upper  
184 100  
63 75.4 35.4 53.2#  
154 70.6 32.2 48.4#



#54  
Dibenzofuran  
Concen: 49.81 ng  
RT: 10.15 min Scan# 701  
Delta R.T. -0.03 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

Tgt Ion:168 Resp: 960668  
Ion Ratio Lower Upper  
168 100  
139 37.3 24.2 36.2#  
169 13.4 10.6 15.8





#55

4-Nitrophenol

Concen: 77.57 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

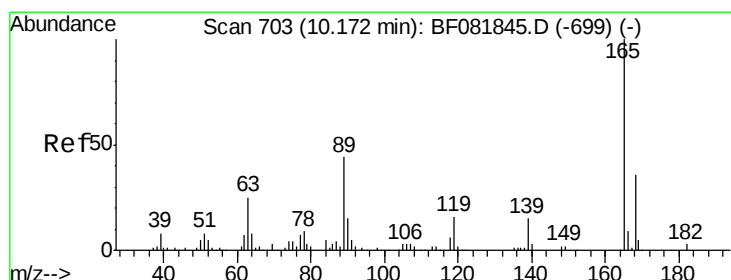
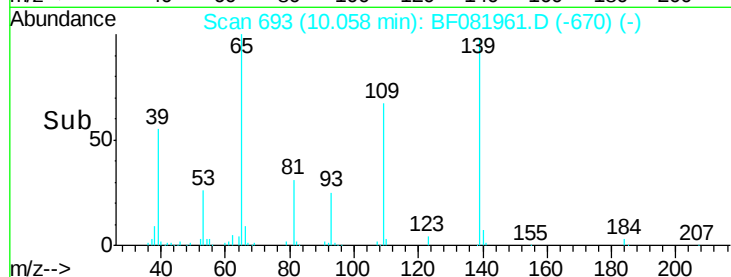
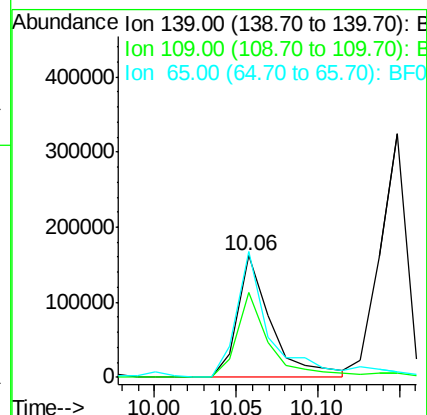
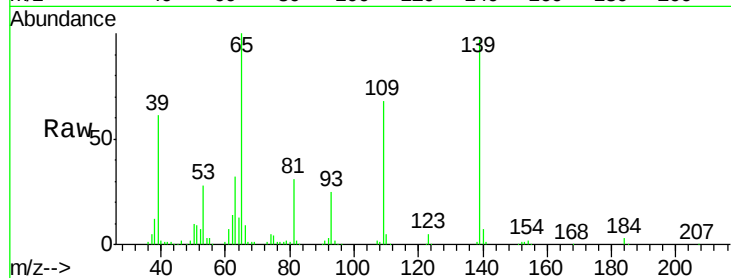
Tgt Ion:139 Resp: 230338

Ion Ratio Lower Upper

139 100

109 69.9 12.7 52.7#

65 103.2 45.9 85.9#



#56

2,4-Dinitrotoluene

Concen: 52.04 ng

RT: 10.13 min Scan# 699

Delta R.T. -0.05 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Tgt Ion:165 Resp: 235679

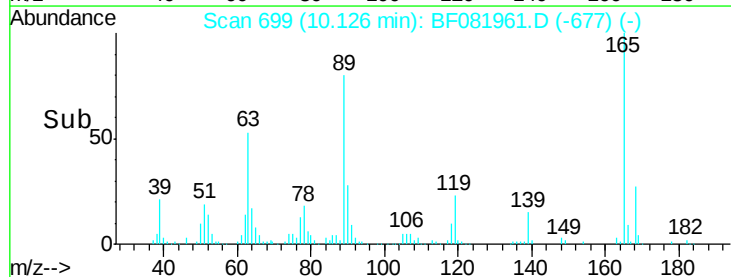
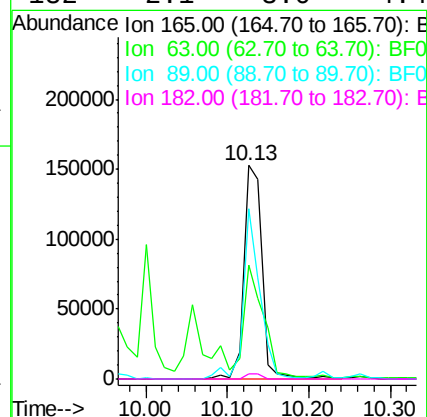
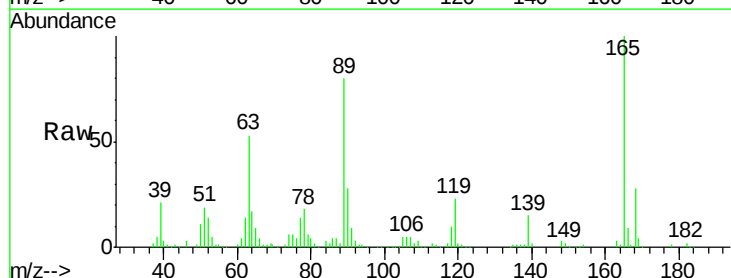
Ion Ratio Lower Upper

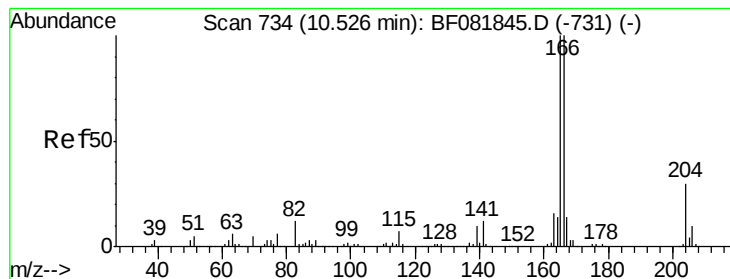
165 100

63 53.2 29.8 44.6#

89 79.5 44.5 66.7#

182 2.1 3.0 4.4#





#57

Fluorene

Concen: 54.60 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

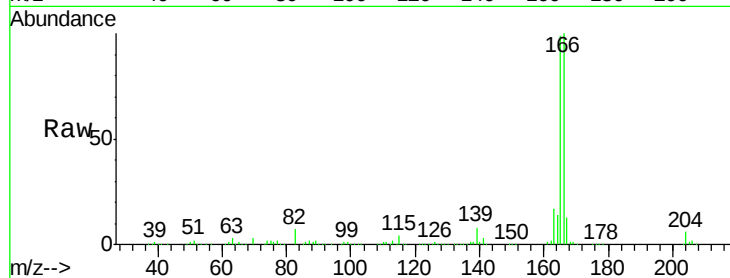
Tgt Ion:166 Resp: 746898

Ion Ratio Lower Upper

166 100

165 98.5 72.6 109.0

167 13.3 10.6 16.0

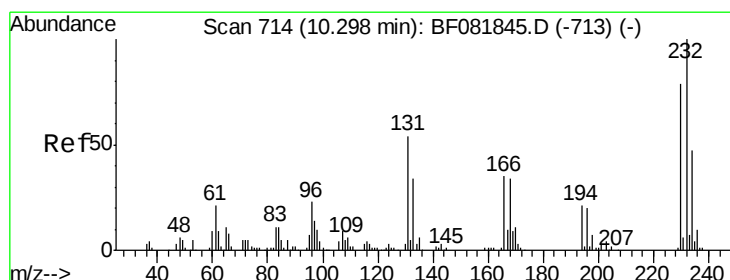
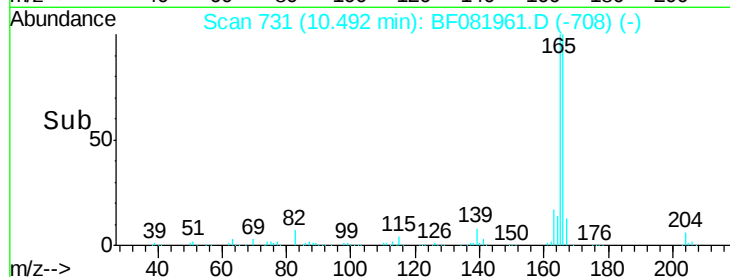
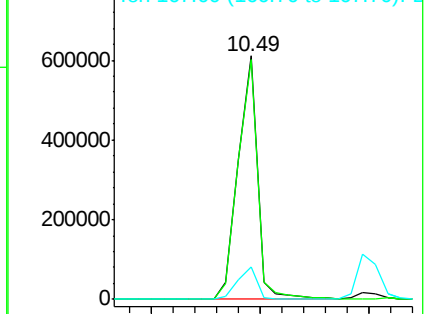


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.10 ng

RT: 10.22 min Scan# 707

Delta R.T. -0.08 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Tgt Ion:232 Resp: 207969

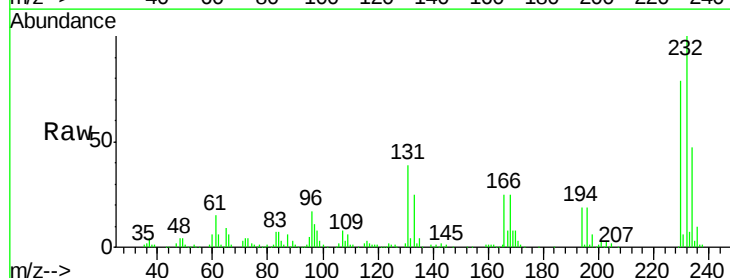
Ion Ratio Lower Upper

232 100

131 39.5 38.5 57.7

130 2.0 1.8 2.6

166 25.2 25.0 37.6



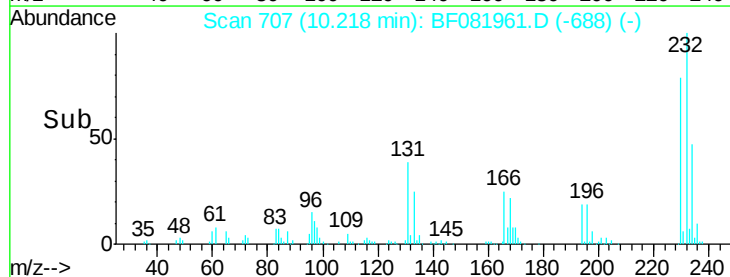
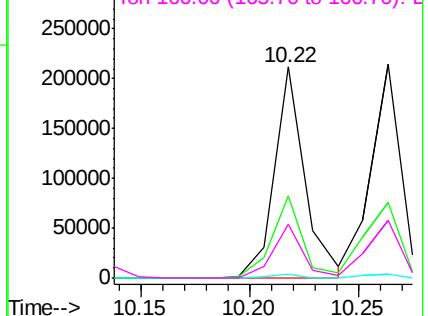
Abundance

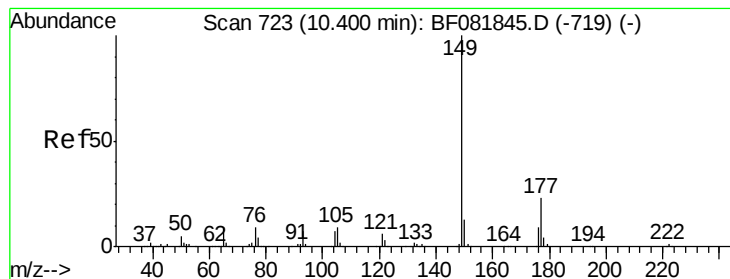
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 53.19 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

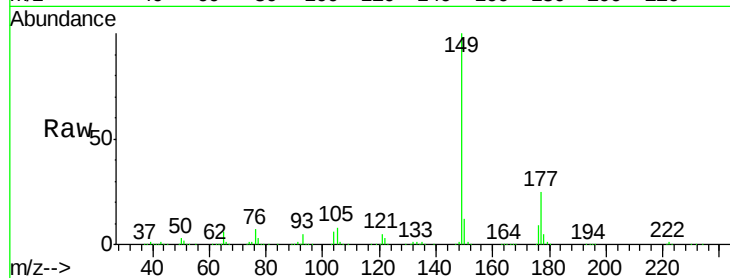
Tgt Ion:149 Resp: 812859

Ion Ratio Lower Upper

149 100

177 24.5 17.5 26.3

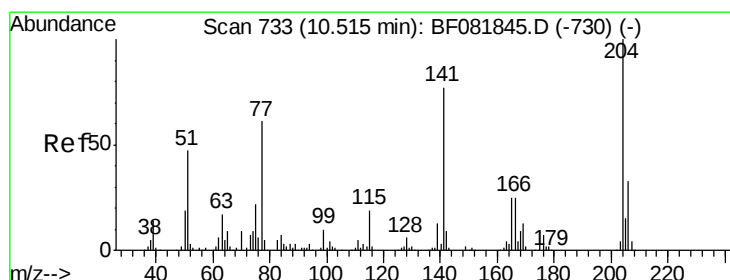
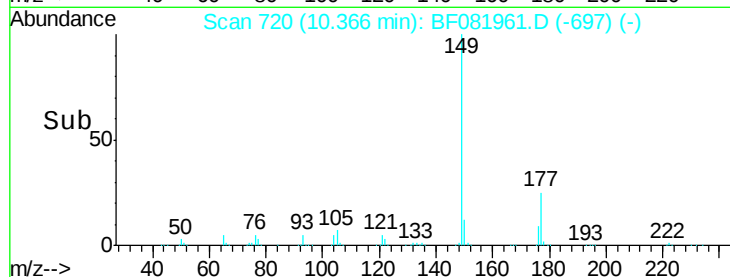
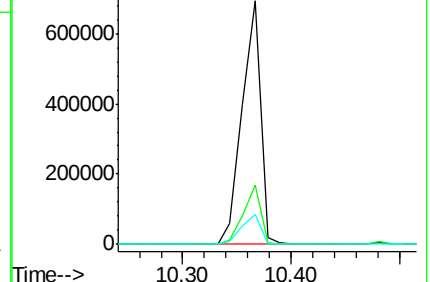
150 12.4 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 52.13 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

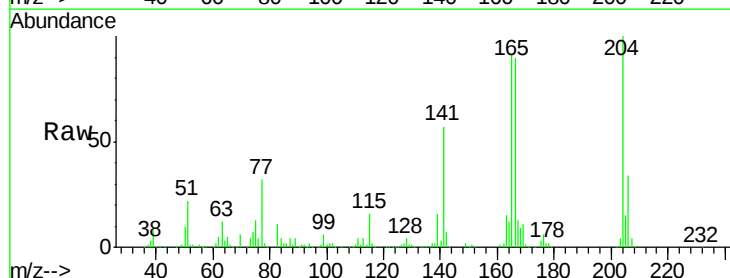
Tgt Ion:204 Resp: 368082

Ion Ratio Lower Upper

204 100

206 34.3 24.8 37.2

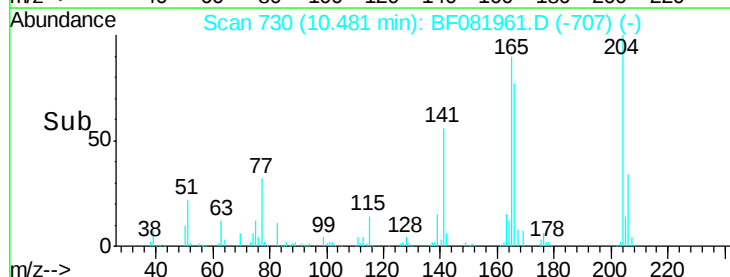
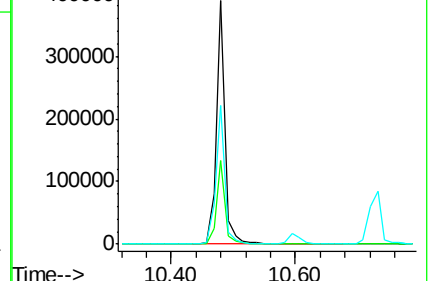
141 56.7 42.2 63.4

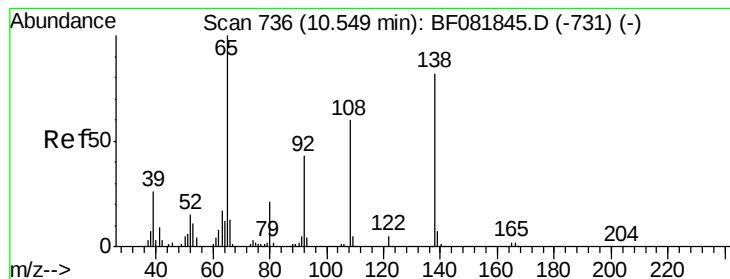


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 28.70 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

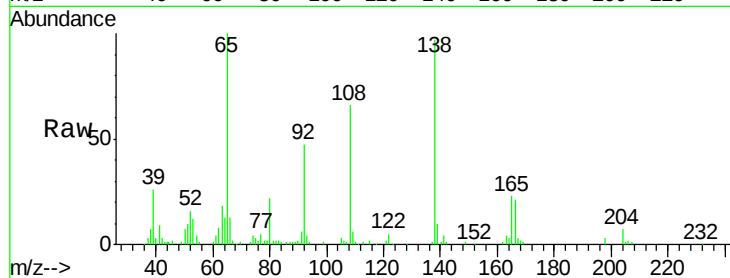
Tgt Ion:138 Resp: 118247

Ion Ratio Lower Upper

138 100

92 48.7 12.6 52.6

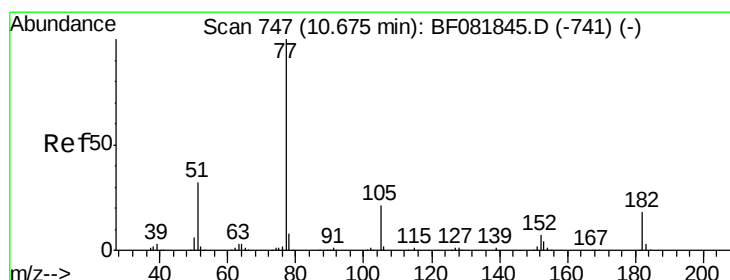
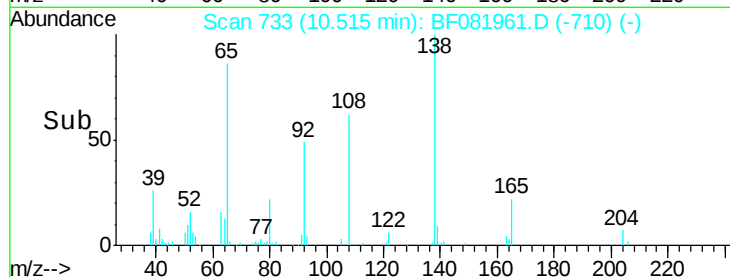
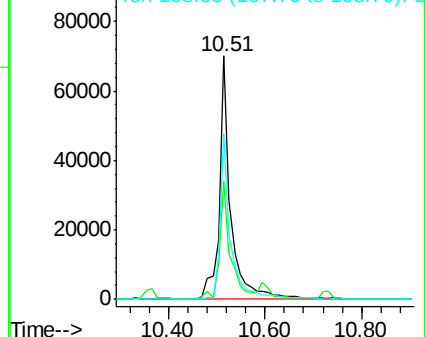
108 68.2 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.68 ng

RT: 10.64 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Tgt Ion: 77 Resp: 755951

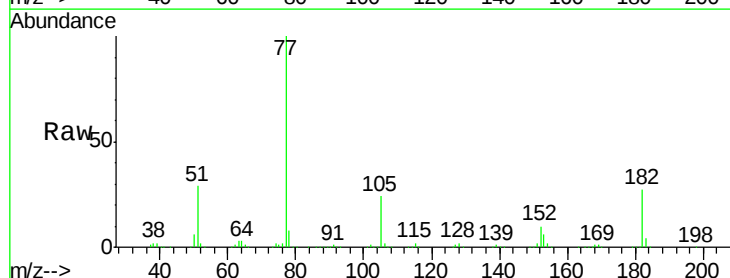
Ion Ratio Lower Upper

77 100

182 27.4 15.1 55.1

105 24.1 3.4 43.4

51 28.8 12.0 52.0

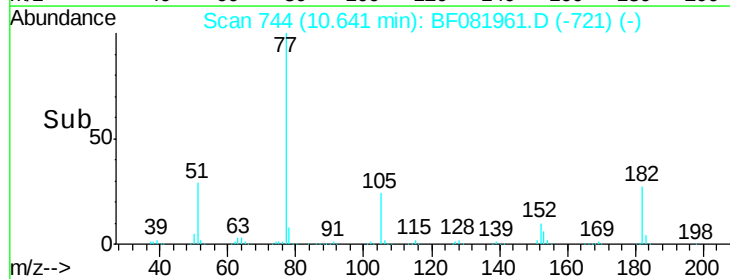
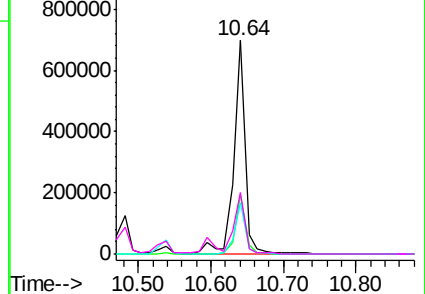


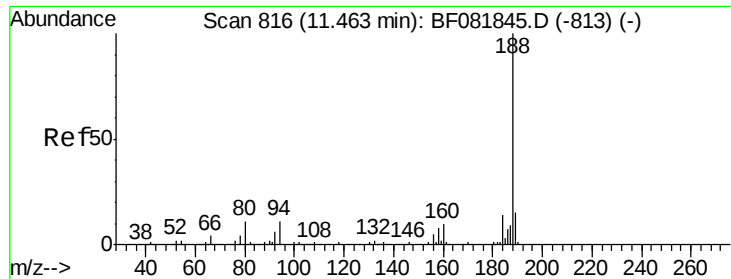
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

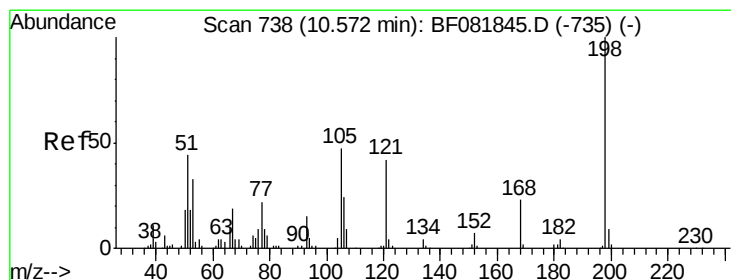
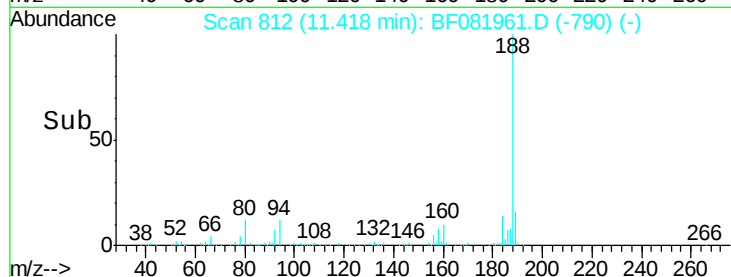
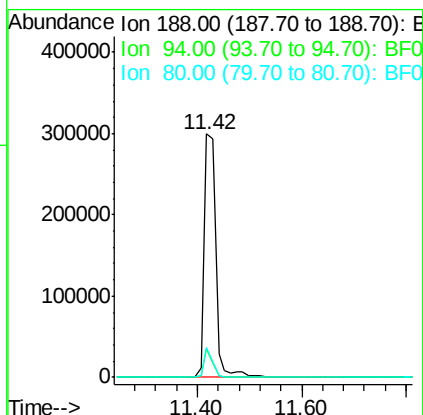
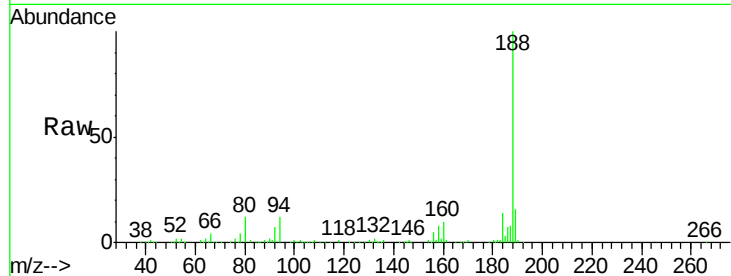




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.42 min Scan# 812  
Delta R.T. -0.05 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

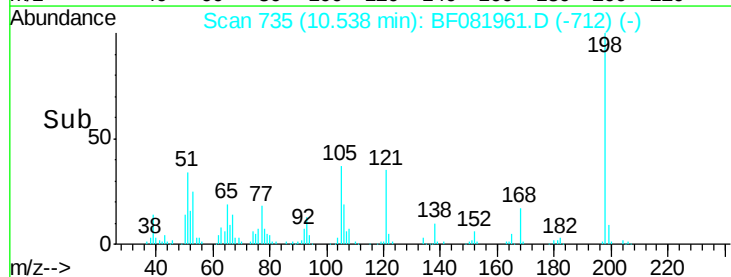
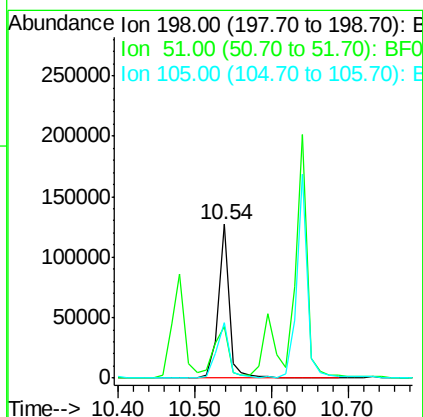
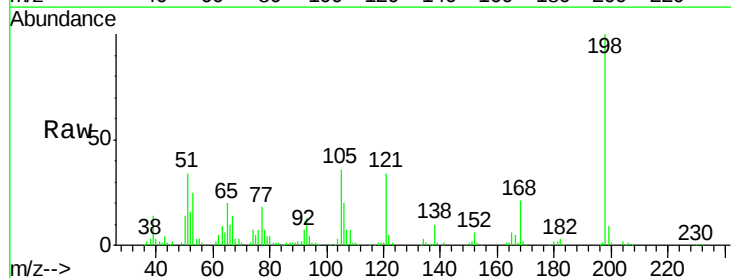
Instrument :  
BNA\_F  
ClientSampleId :  
A1-COMPMS

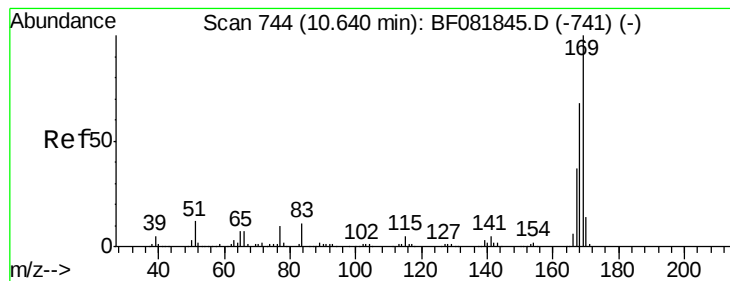
Tgt Ion:188 Resp: 461848  
Ion Ratio Lower Upper  
188 100  
94 11.6 11.1 16.7  
80 12.3 11.0 16.4



#64  
4,6-Dinitro-2-methylphenol  
Concen: 57.72 ng  
RT: 10.54 min Scan# 735  
Delta R.T. -0.03 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

Tgt Ion:198 Resp: 126730  
Ion Ratio Lower Upper  
198 100  
51 33.6 39.6 79.6#  
105 36.2 28.5 68.5

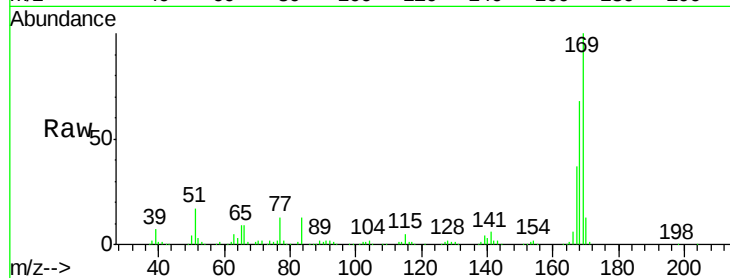




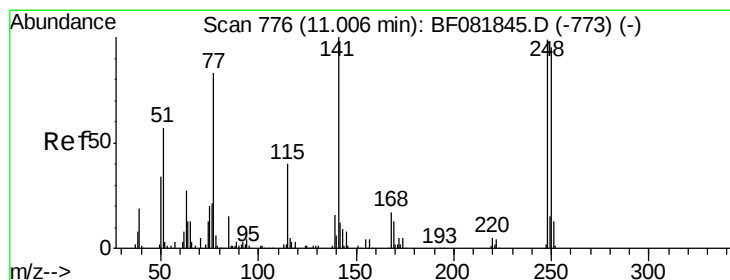
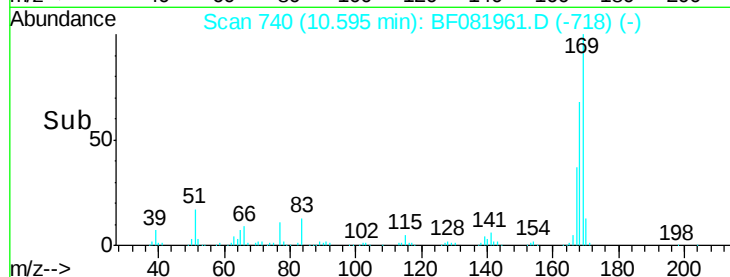
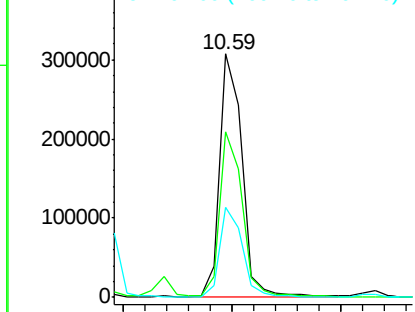
#65  
 n-Nitrosodiphenylamine  
 Concen: 31.53 ng  
 RT: 10.59 min Scan# 740  
 Delta R.T. -0.05 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A1-COMPMS

Tgt Ion:169 Resp: 440559  
 Ion Ratio Lower Upper  
 169 100  
 168 68.0 48.9 73.3  
 167 37.2 26.2 39.4

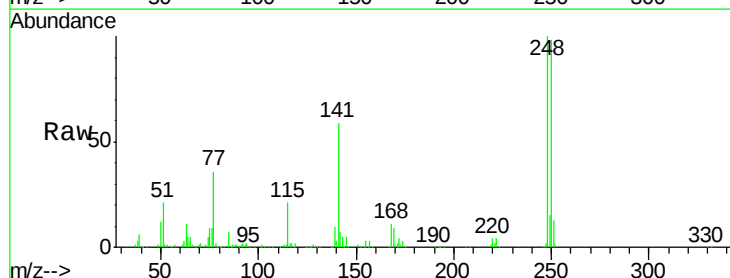


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

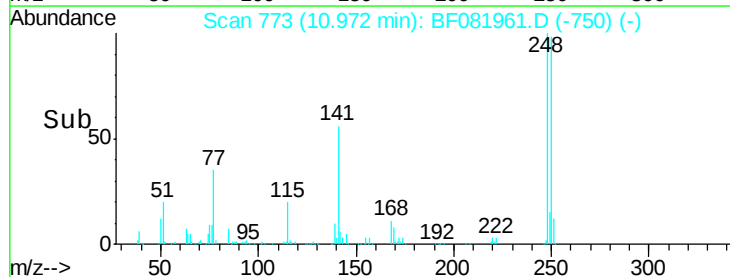
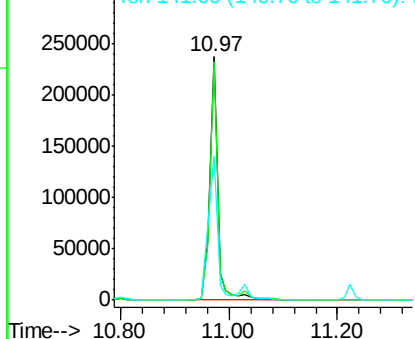


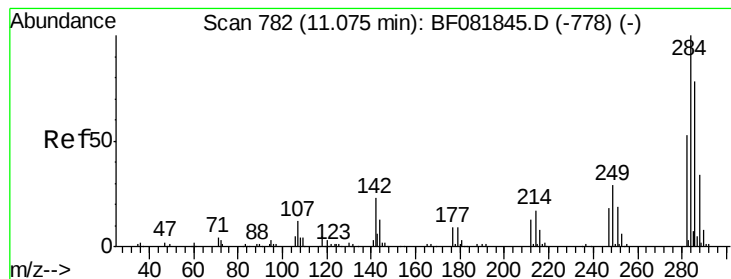
#66  
 4-Bromophenyl-phenylether  
 Concen: 52.62 ng  
 RT: 10.97 min Scan# 773  
 Delta R.T. -0.03 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Tgt Ion:248 Resp: 245057  
 Ion Ratio Lower Upper  
 248 100  
 250 98.2 78.5 117.7  
 141 59.0 59.0 88.6#



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





#67

Hexachlorobenzene

Concen: 43.63 ng

RT: 11.03 min Scan# 778

Delta R.T. -0.05 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

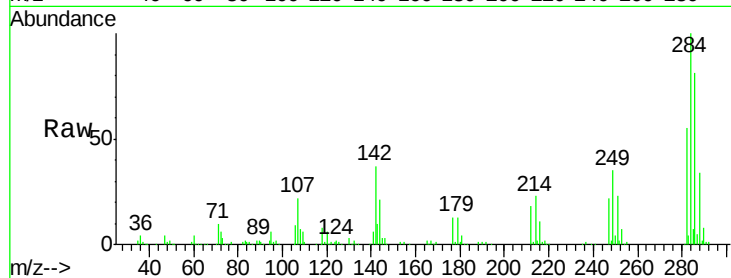
Tgt Ion:284 Resp: 229319

Ion Ratio Lower Upper

284 100

142 37.3 29.5 44.3

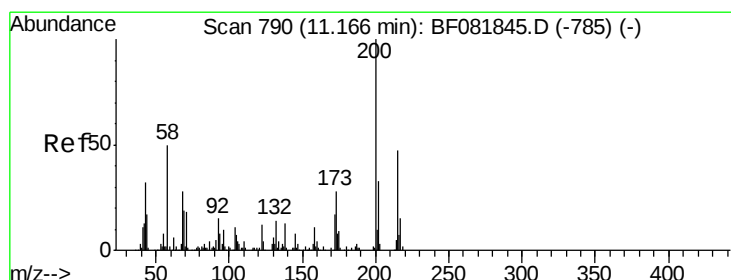
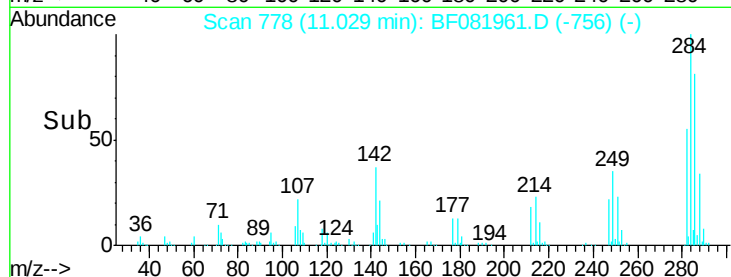
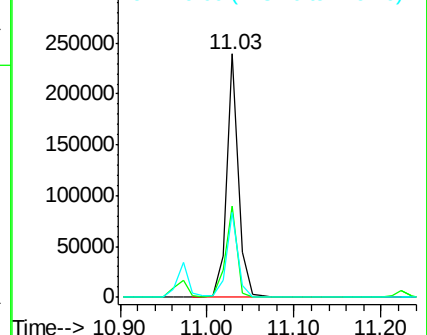
249 35.0 19.5 29.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 16.35 ng

RT: 11.12 min Scan# 786

Delta R.T. -0.05 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

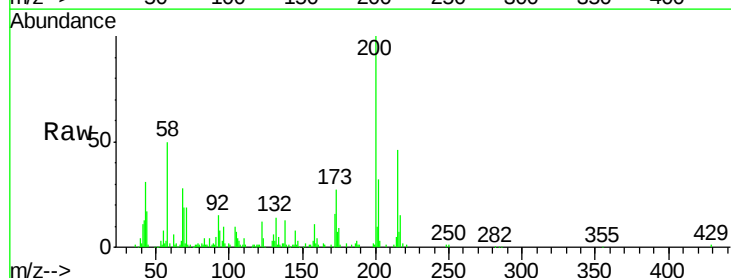
Tgt Ion:200 Resp: 70874

Ion Ratio Lower Upper

200 100

173 27.5 13.2 53.2

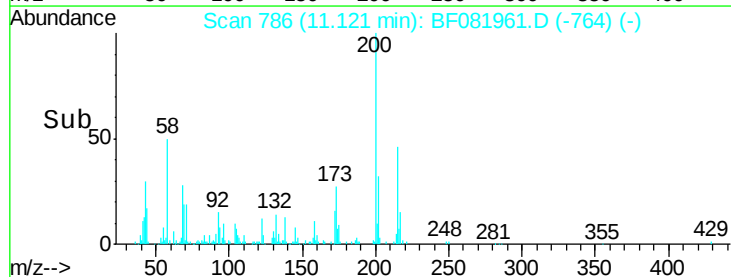
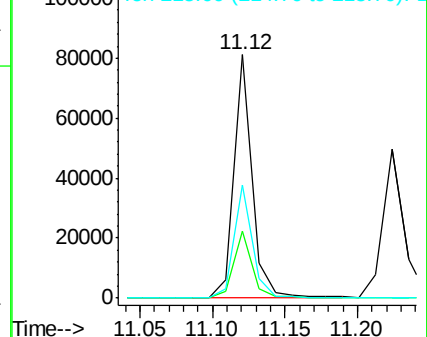
215 46.3 41.8 81.8

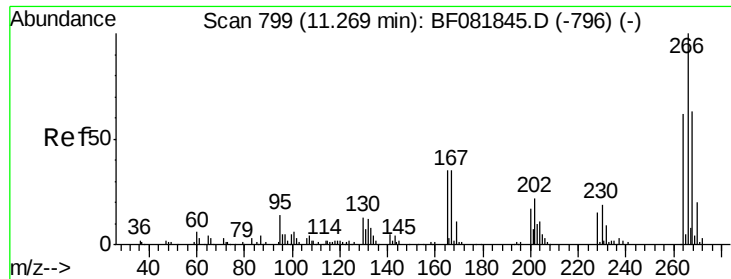


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

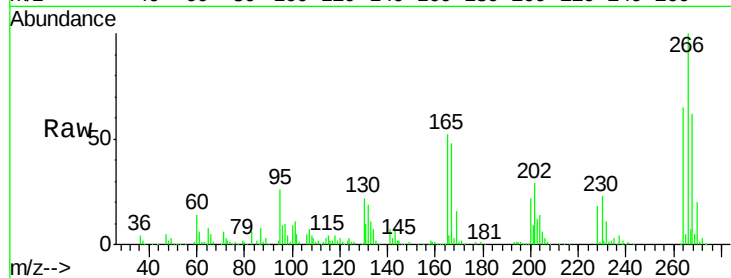




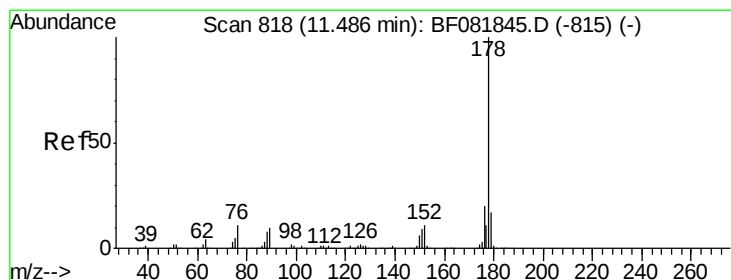
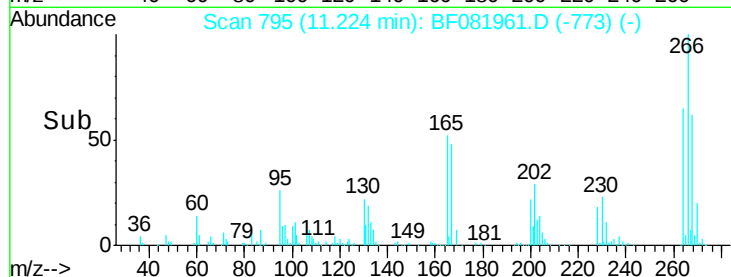
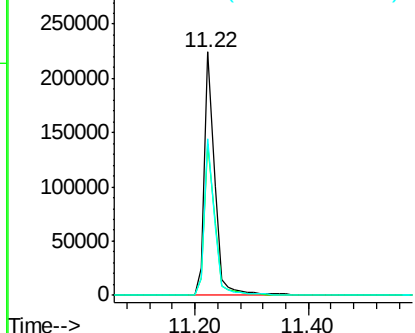
#69  
 Pentachlorophenol  
 Concen: 91.71 ng  
 RT: 11.22 min Scan# 795  
 Delta R.T. -0.05 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A1-COMPMS

Tgt Ion: 266 Resp: 274627  
 Ion Ratio Lower Upper  
 266 100  
 268 62.4 49.8 74.6  
 264 64.5 50.2 75.2

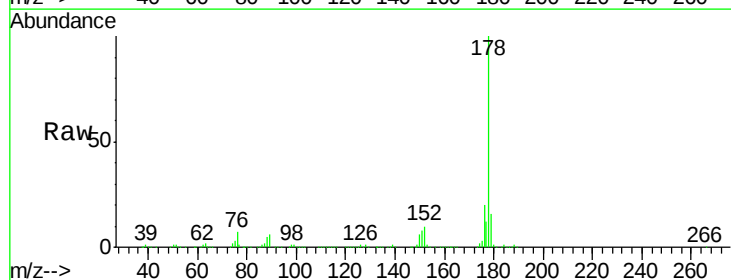


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

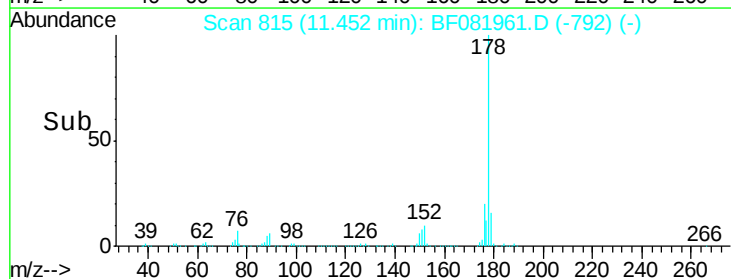
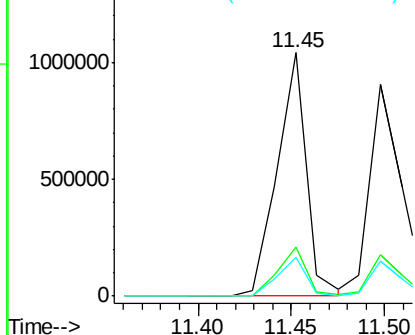


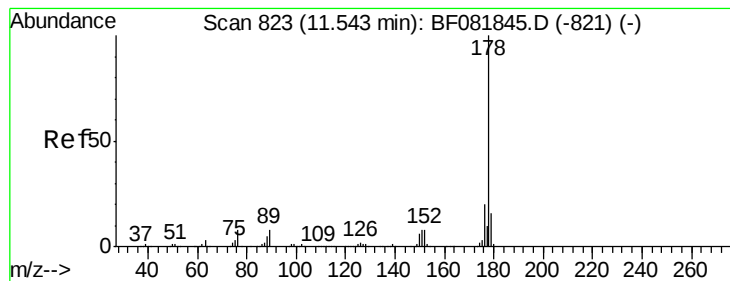
#70  
 Phenanthrene  
 Concen: 51.03 ng  
 RT: 11.45 min Scan# 815  
 Delta R.T. -0.03 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Tgt Ion: 178 Resp: 1129294  
 Ion Ratio Lower Upper  
 178 100  
 176 20.3 13.8 20.8  
 179 15.9 12.2 18.2



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: 47.72 ng

RT: 11.50 min Scan# 819

Delta R.T. -0.05 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

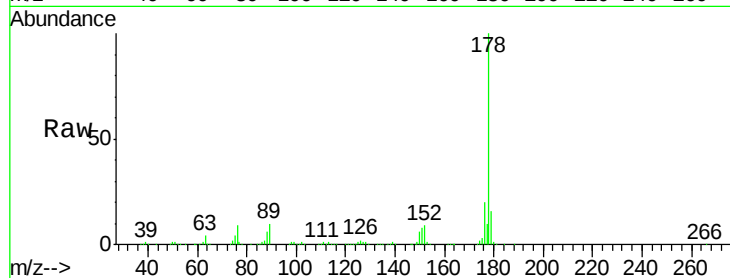
Tgt Ion:178 Resp: 1120122

Ion Ratio Lower Upper

178 100

176 19.8 14.1 21.1

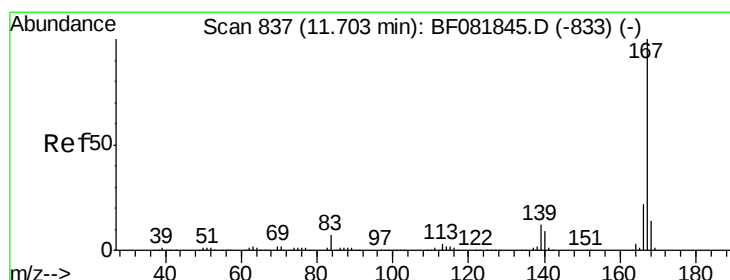
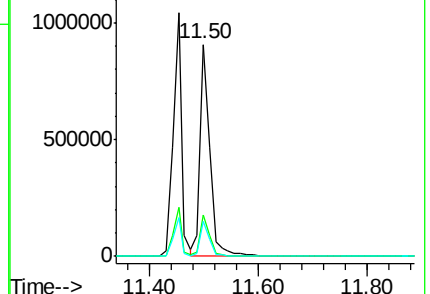
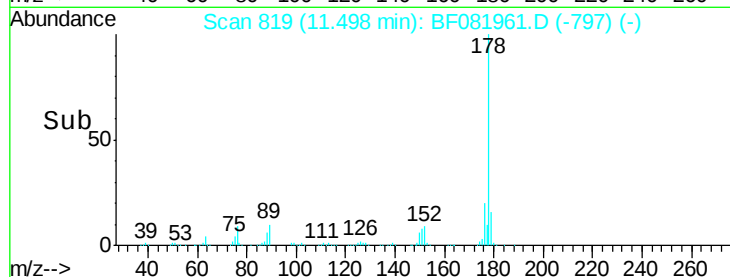
179 16.5 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 27.57 ng

RT: 11.66 min Scan# 833

Delta R.T. -0.05 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

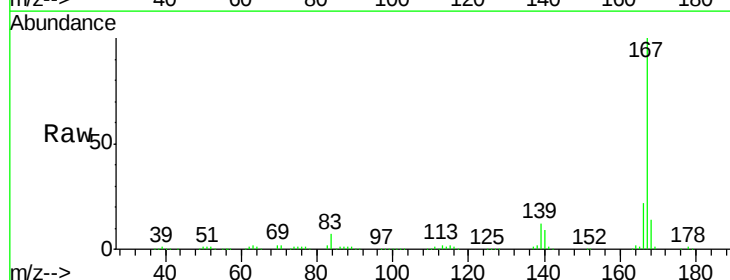
Tgt Ion:167 Resp: 585650

Ion Ratio Lower Upper

167 100

166 21.6 15.7 23.5

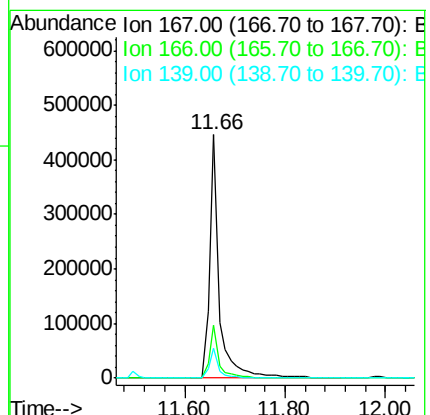
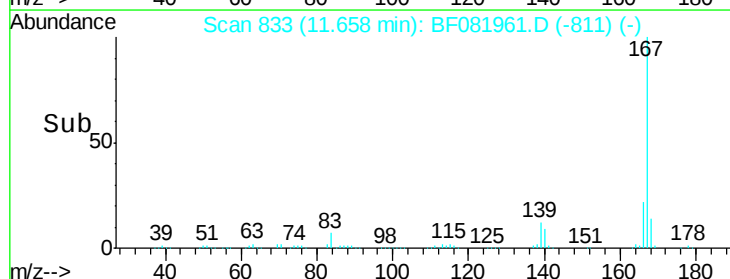
139 12.2 9.5 14.3

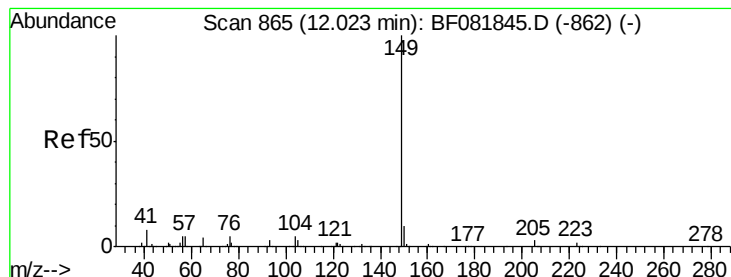


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 54.82 ng

RT: 11.99 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

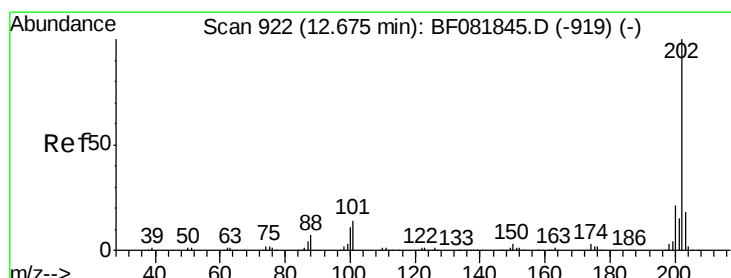
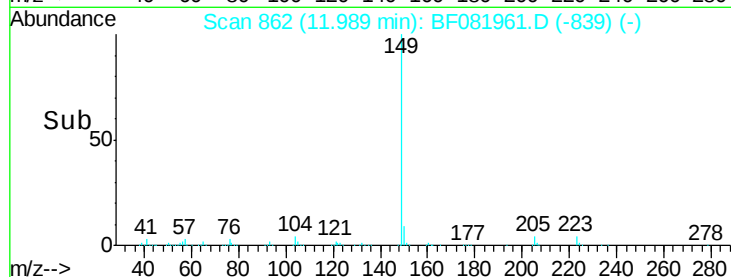
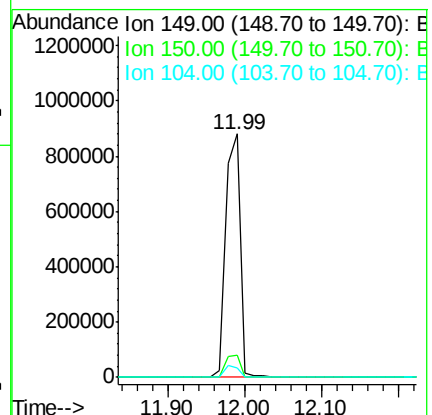
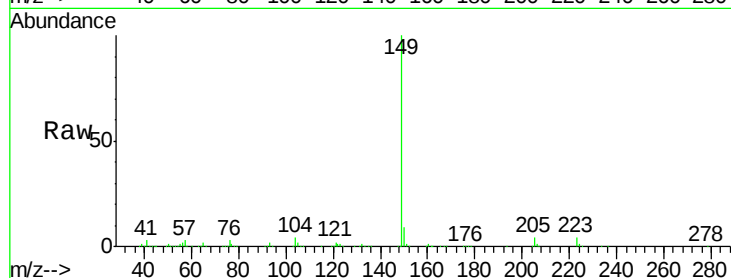
Tgt Ion:149 Resp: 1179831

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 3.7 2.4 3.6#



#74

Fluoranthene

Concen: 47.65 ng

RT: 12.64 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

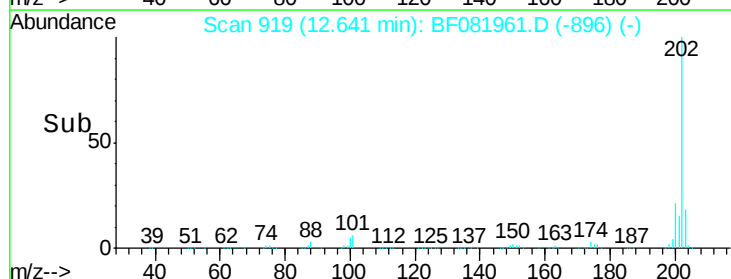
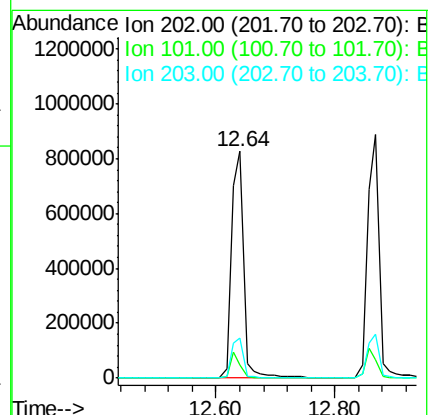
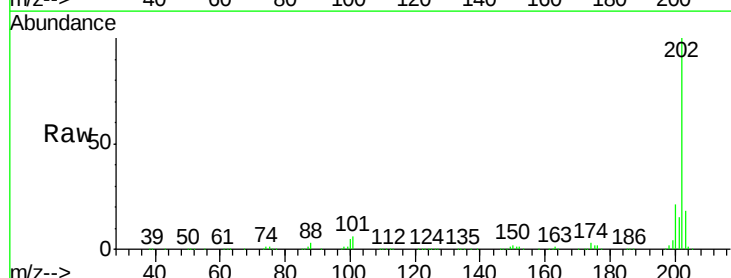
Tgt Ion:202 Resp: 1178818

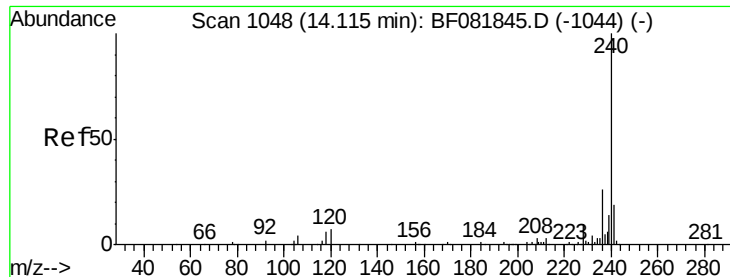
Ion Ratio Lower Upper

202 100

101 6.0 0.0 38.3

203 17.5 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

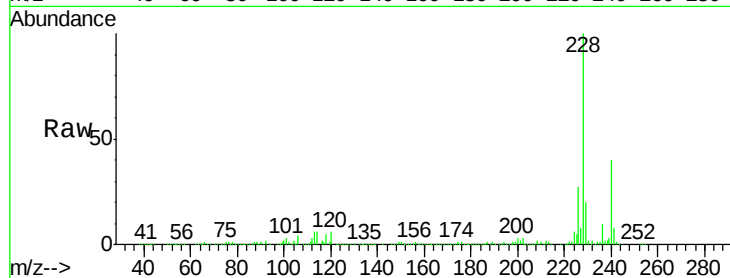
Tgt Ion:240 Resp: 357358

Ion Ratio Lower Upper

240 100

120 14.4 16.2 24.2#

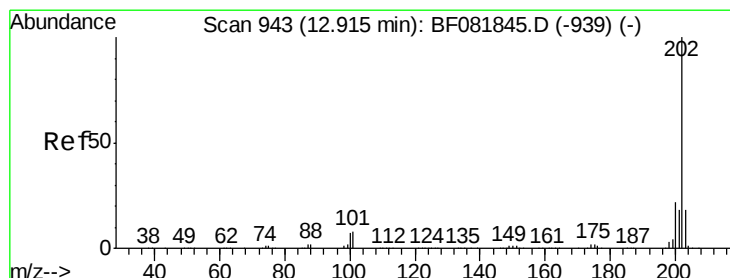
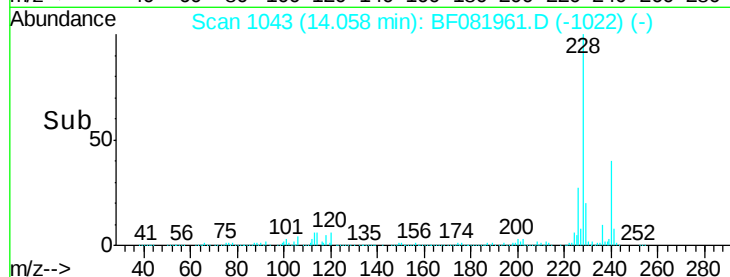
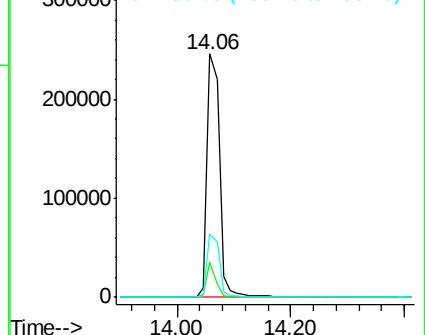
236 26.0 18.4 27.6



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



#77

Pyrene

Concen: 55.88 ng

RT: 12.87 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

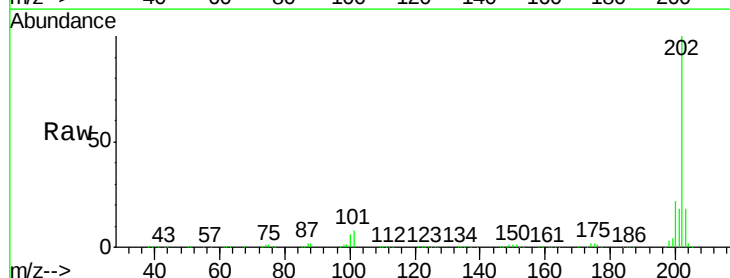
Tgt Ion:202 Resp: 1192880

Ion Ratio Lower Upper

202 100

200 22.0 15.0 22.4

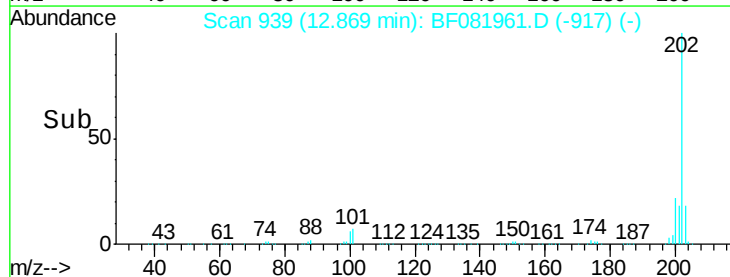
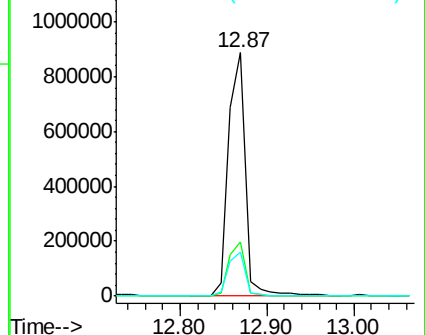
203 17.8 14.1 21.1

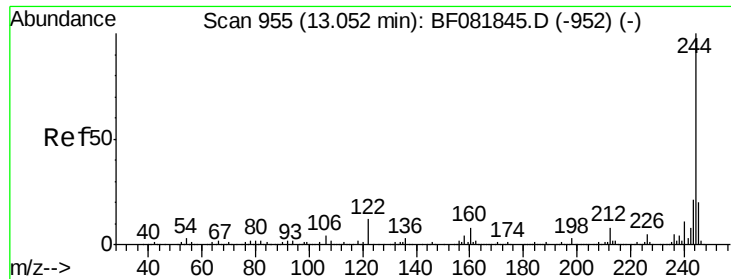


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

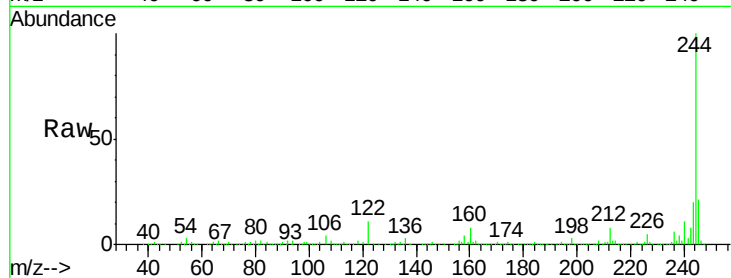




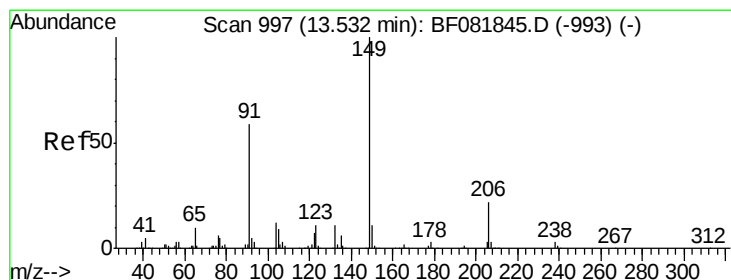
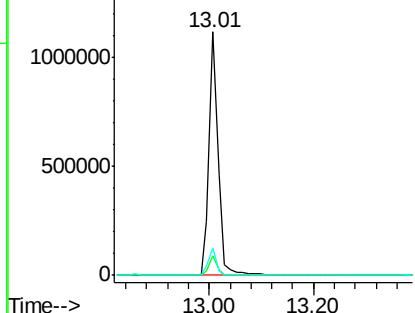
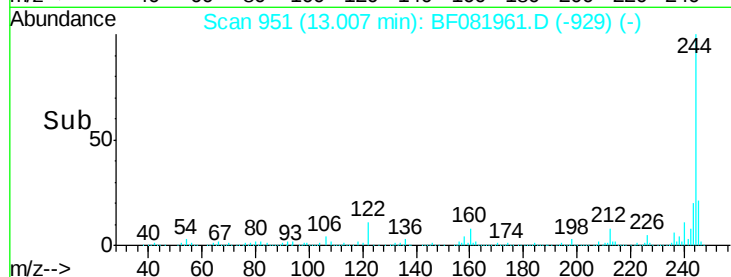
#78  
 Terphenyl-d14  
 Concen: 157.76 ng  
 RT: 13.01 min Scan# 951  
 Delta R.T. -0.05 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A1-COMPMS

Tgt Ion:244 Resp: 1351166  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 4.3 6.5#  
 122 11.4 17.4 26.2#

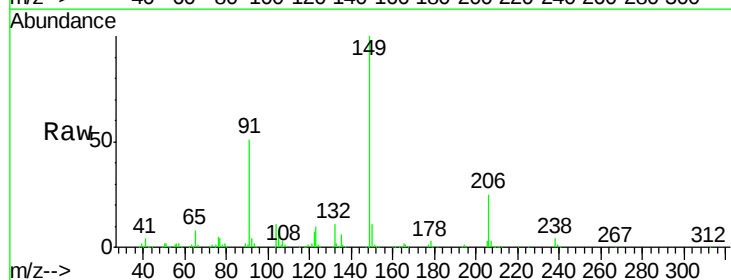


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

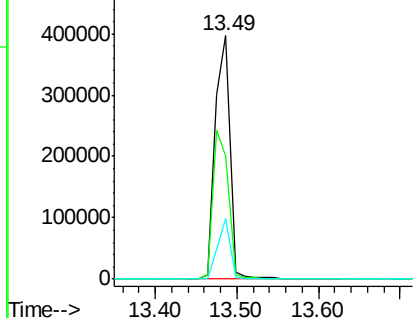
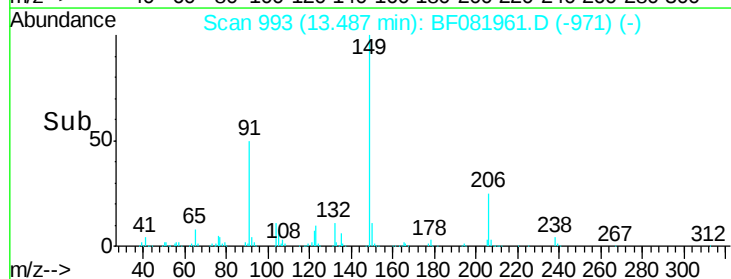


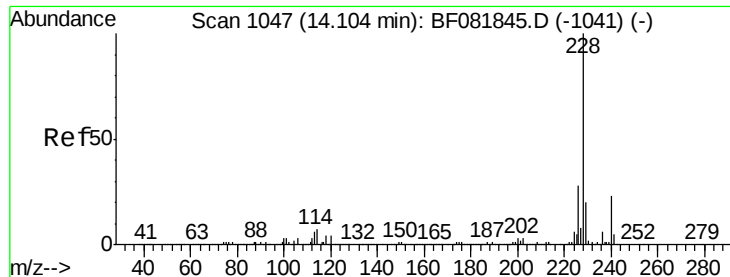
#79  
 Butylbenzylphthalate  
 Concen: 62.73 ng  
 RT: 13.49 min Scan# 993  
 Delta R.T. -0.05 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Tgt Ion:149 Resp: 503925  
 Ion Ratio Lower Upper  
 149 100  
 91 50.5 48.6 72.8  
 206 24.7 14.9 22.3#



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: 49.82 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.06 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

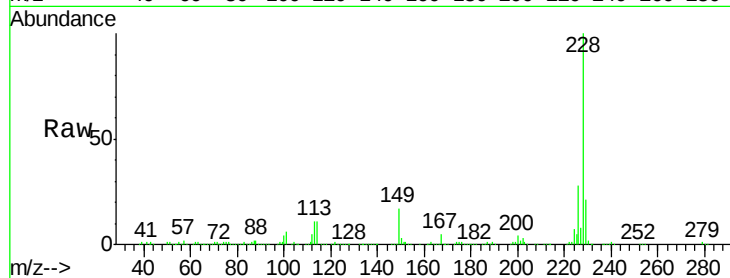
Tgt Ion:228 Resp: 958710

Ion Ratio Lower Upper

228 100

226 28.4 20.0 30.0

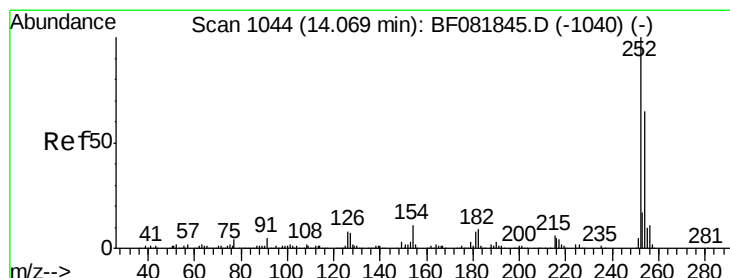
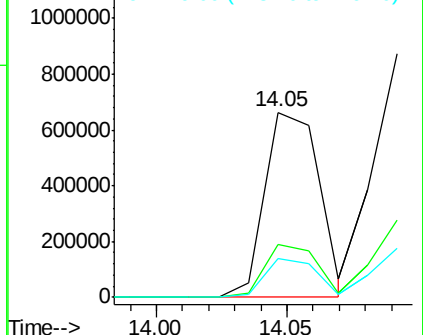
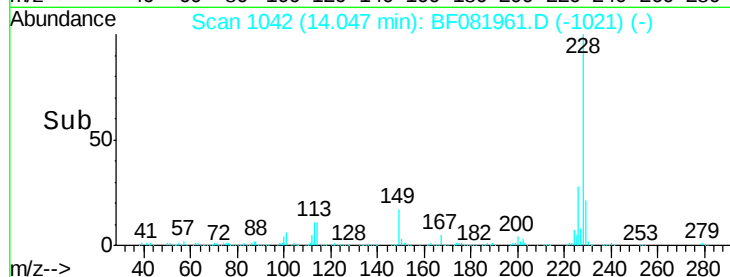
229 20.7 15.4 23.2



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: 2.74 ng

RT: 14.02 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

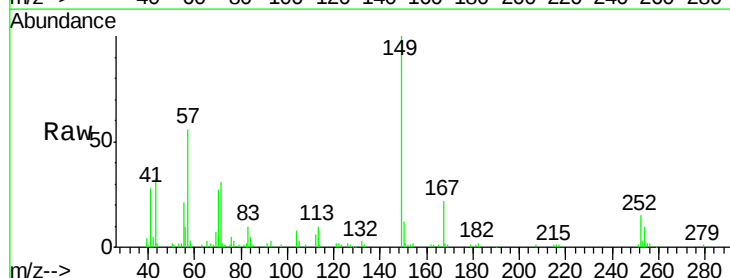
Tgt Ion:252 Resp: 17822

Ion Ratio Lower Upper

252 100

254 65.3 51.4 77.2

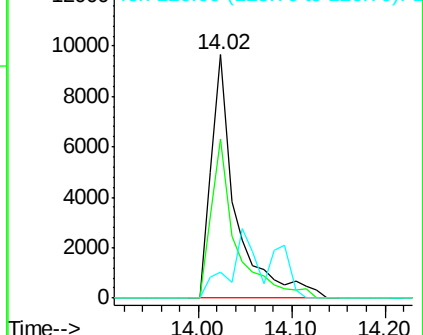
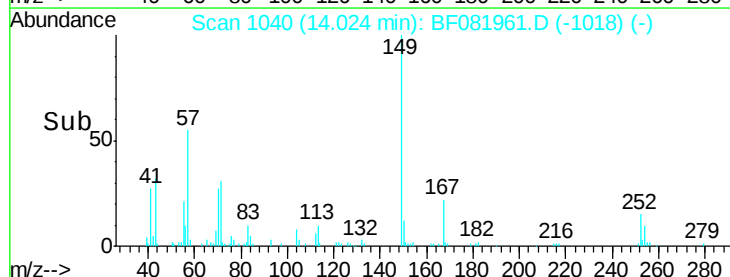
126 10.6 16.4 24.6#

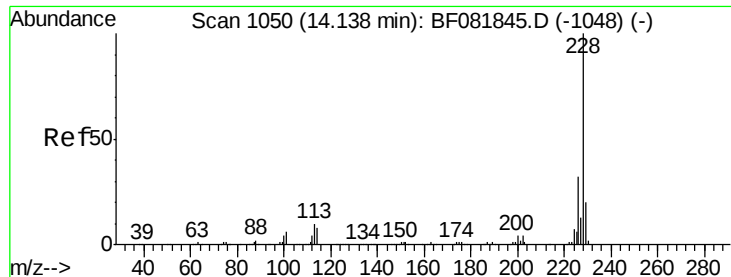


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

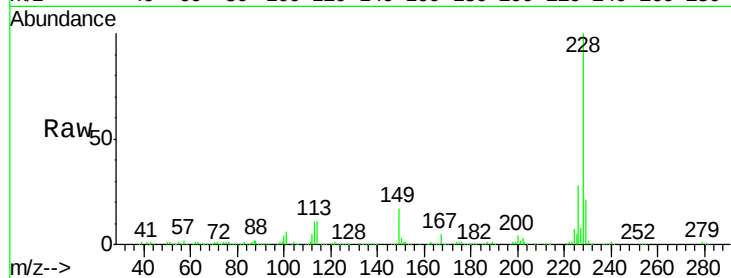




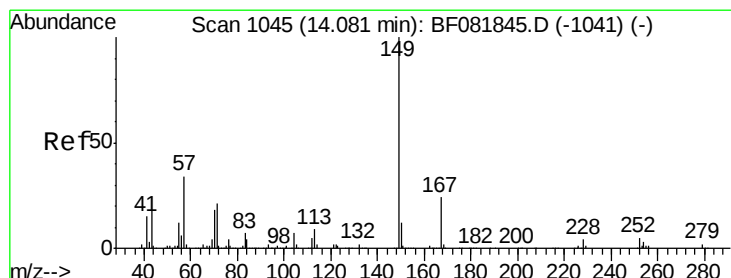
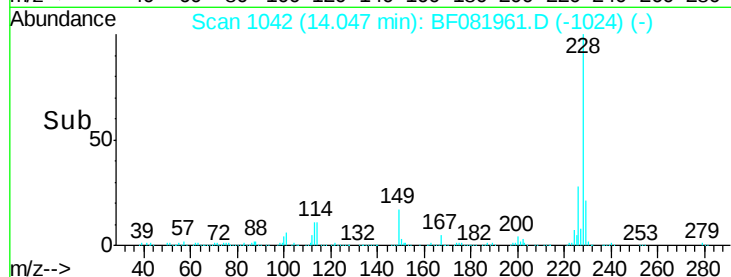
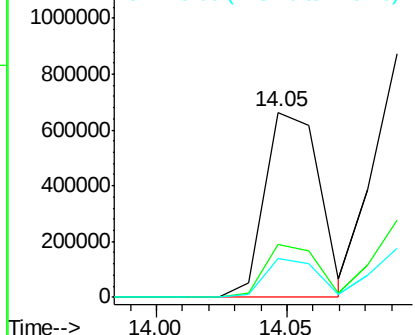
#82  
 Chrysene  
 Concen: Below Cal  
 RT: 14.05 min Scan# 1042  
 Delta R.T. -0.09 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A1-COMPMS

Tgt Ion: 228 Resp: 958710  
 Ion Ratio Lower Upper  
 228 100  
 226 28.4 21.0 31.4  
 229 20.7 15.6 23.4

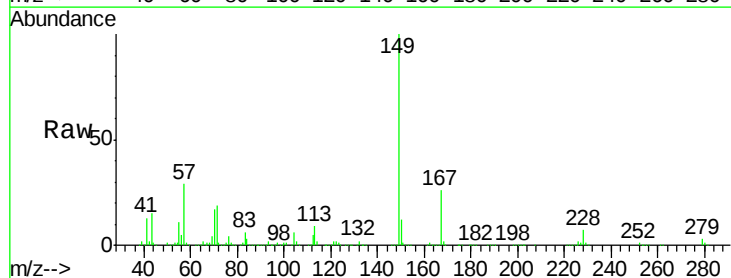


Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E

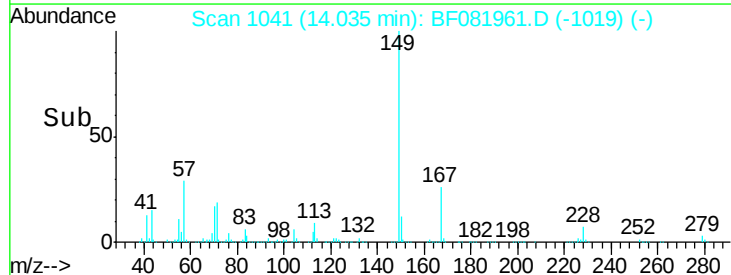
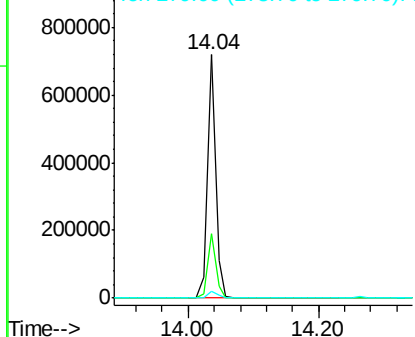


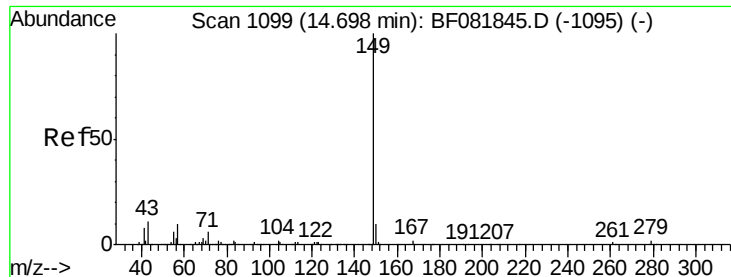
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 62.02 ng  
 RT: 14.04 min Scan# 1041  
 Delta R.T. -0.05 min  
 Lab File: BF081961.D  
 Acq: 2 Oct 2015 2:14

Tgt Ion: 149 Resp: 624960  
 Ion Ratio Lower Upper  
 149 100  
 167 26.4 24.2 36.2  
 279 2.6 3.8 5.6#



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: 61.49 ng

RT: 14.65 min Scan# 1095

Delta R.T. -0.05 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

Instrument :

BNA\_F

ClientSampleId :

A1-COMPMS

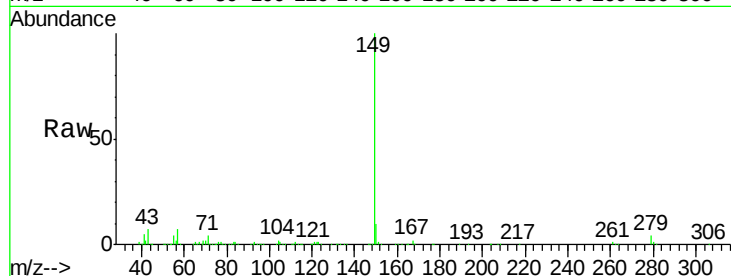
Tgt Ion:149 Resp: 1008395

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

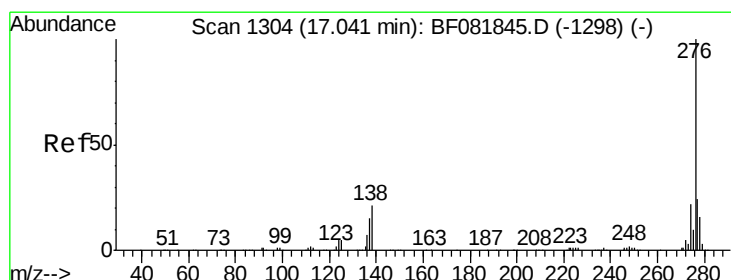
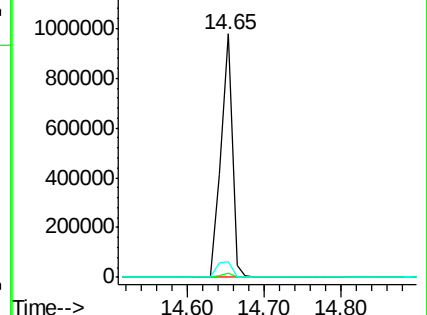
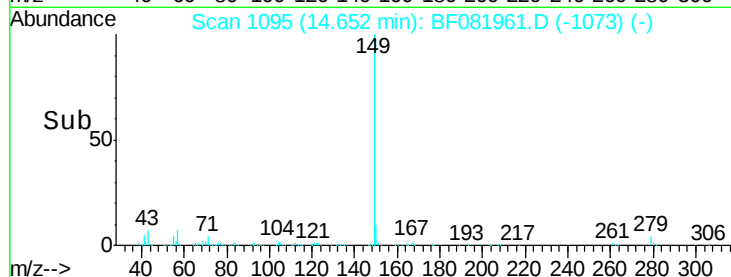
43 8.9 10.2 15.2#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 49.45 ng

RT: 16.94 min Scan# 1295

Delta R.T. -0.10 min

Lab File: BF081961.D

Acq: 2 Oct 2015 2:14

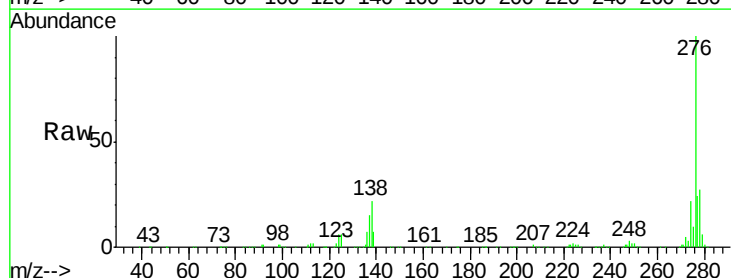
Tgt Ion:276 Resp: 744432

Ion Ratio Lower Upper

276 100

138 25.0 25.7 38.5#

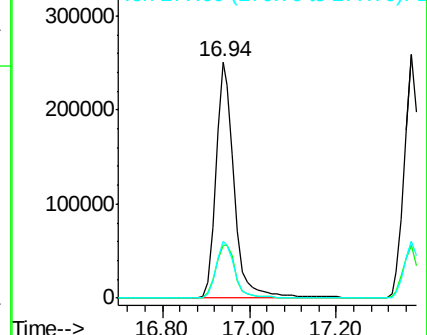
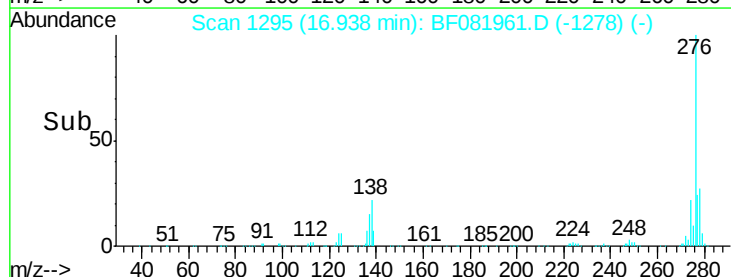
277 24.8 15.6 23.4#

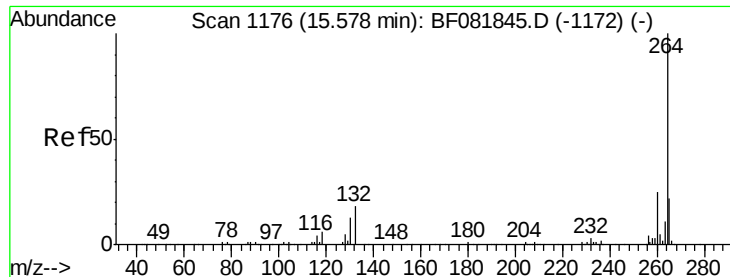


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

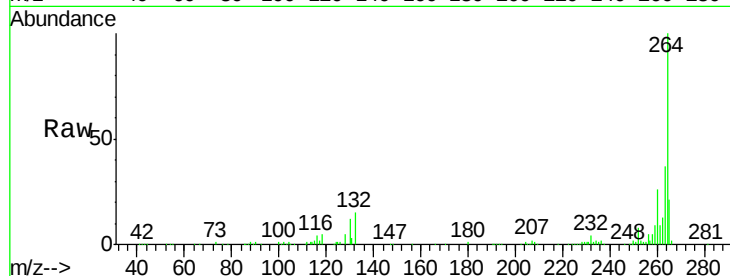




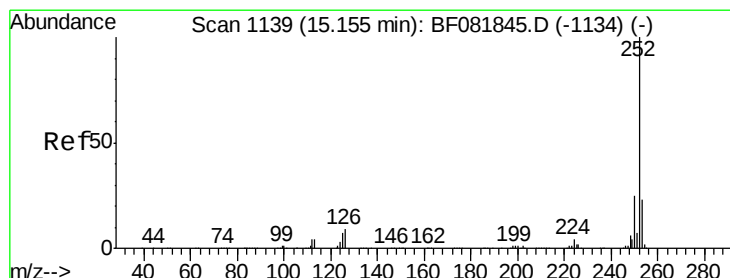
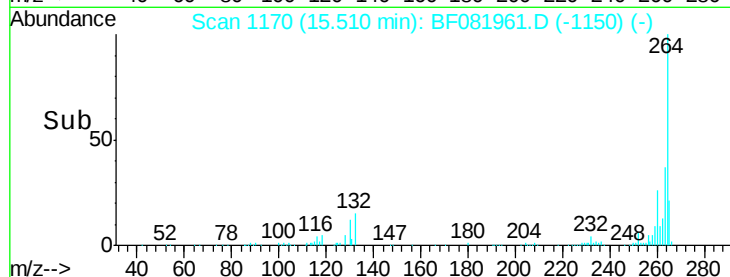
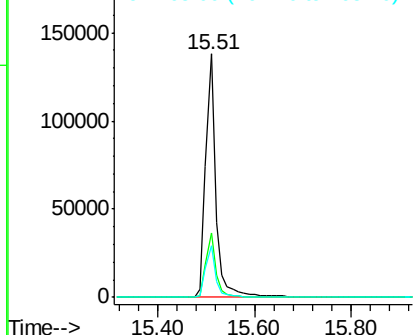
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.51 min Scan# 1170  
Delta R.T. -0.07 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

Instrument :  
BNA\_F  
ClientSampleId :  
A1-COMPMS

Tgt Ion:264 Resp: 206184  
Ion Ratio Lower Upper  
264 100  
260 26.2 16.7 25.1#  
265 21.0 17.2 25.8

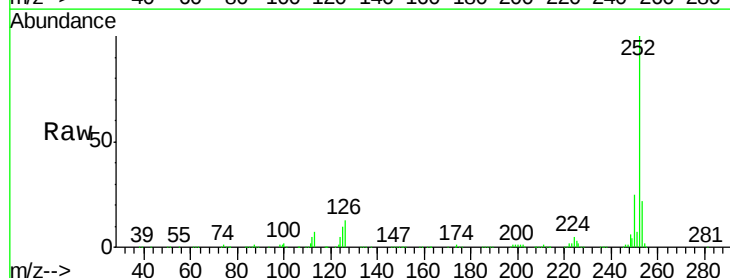


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

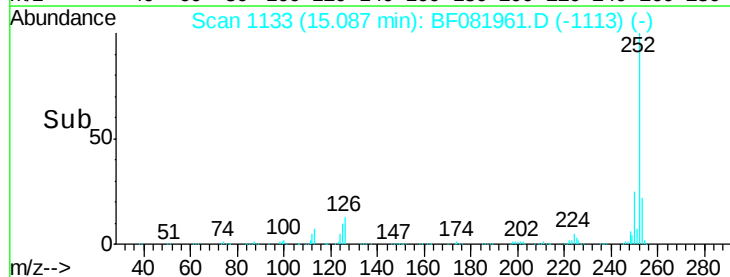
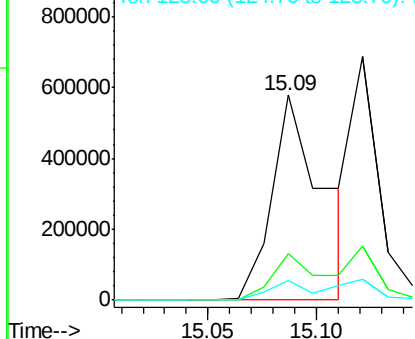


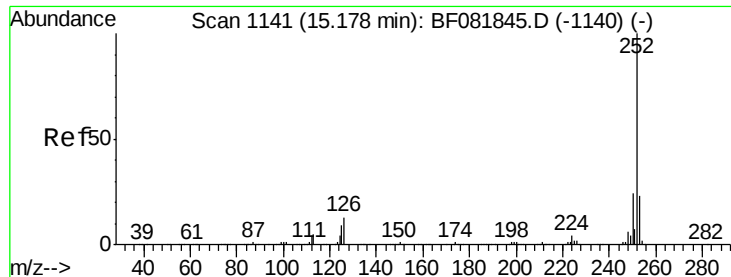
#87  
Benzo(b)fluoranthene  
Concen: 79.90 ng  
RT: 15.09 min Scan# 1133  
Delta R.T. -0.07 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

Tgt Ion:252 Resp: 940607  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.5 26.3  
125 9.7 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

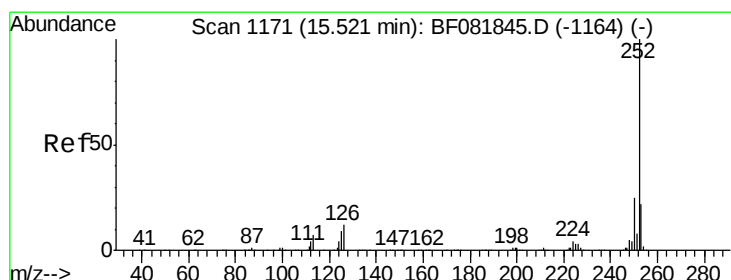
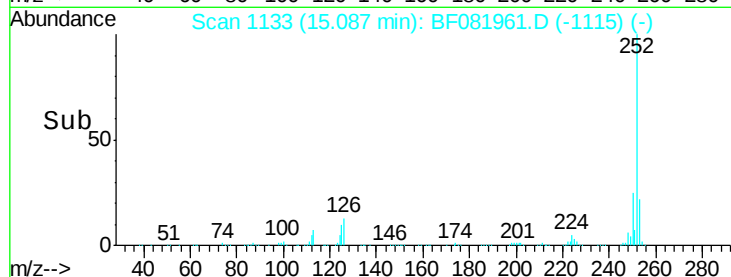
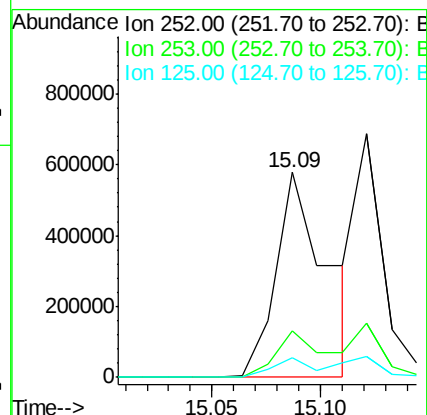
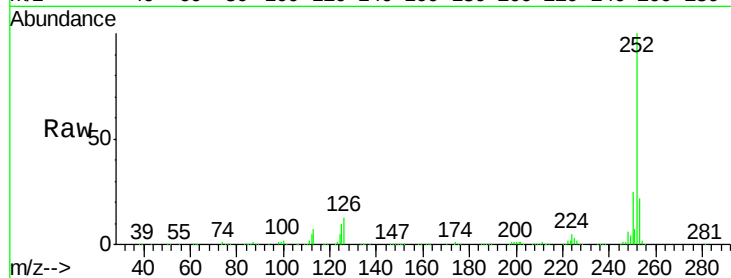




#88  
Benzo(k)fluoranthene  
Concen: 87.18 ng  
RT: 15.09 min Scan# 1133  
Delta R.T. -0.09 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

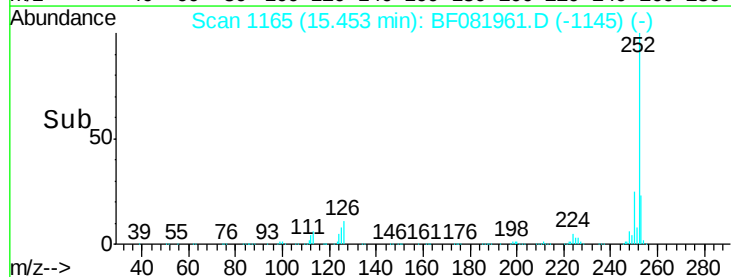
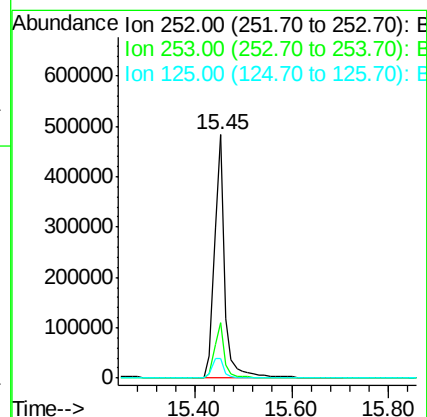
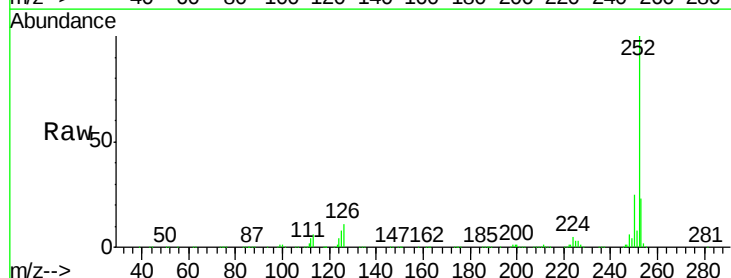
Instrument :  
BNA\_F  
ClientSampleId :  
A1-COMPMS

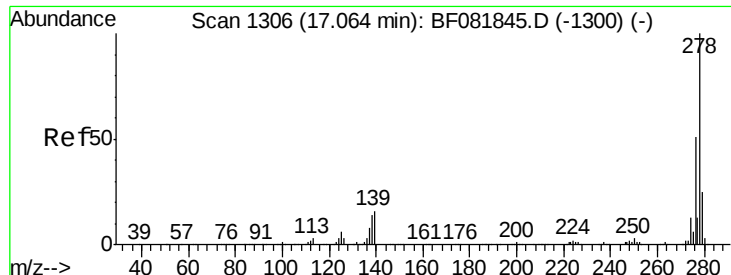
Tgt Ion:252 Resp: 940607  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.0 25.4  
125 9.7 16.0 24.0#



#89  
Benzo(a)pyrene  
Concen: 70.44 ng  
RT: 15.45 min Scan# 1165  
Delta R.T. -0.07 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

Tgt Ion:252 Resp: 719265  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.2 25.8  
125 8.3 18.0 27.0#

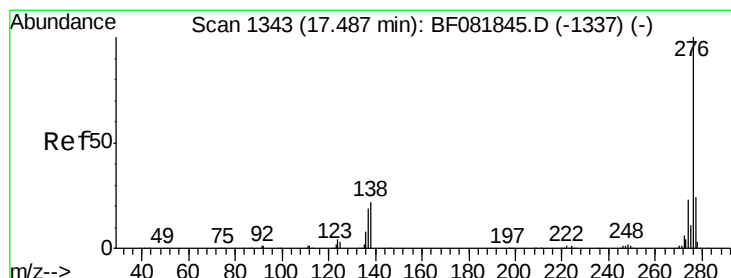
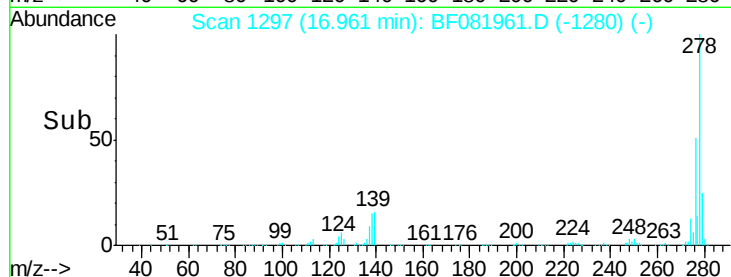
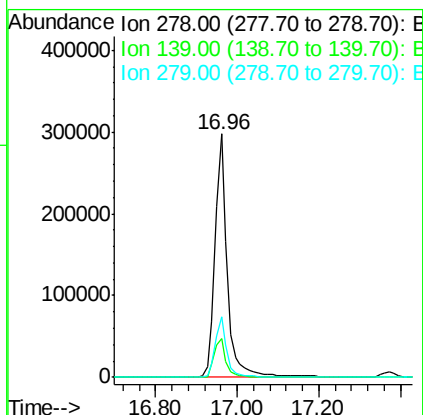
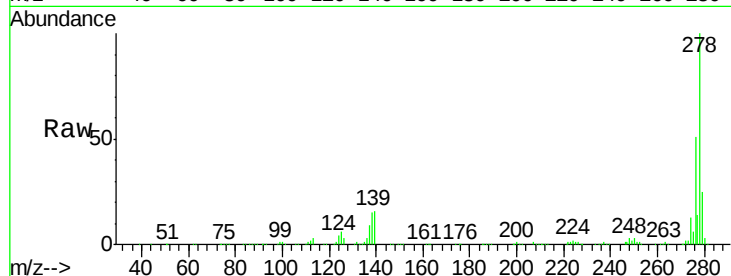




#90  
Dibenzo(a,h)anthracene  
Concen: 72.93 ng  
RT: 16.96 min Scan# 1297  
Delta R.T. -0.10 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

Instrument :  
BNA\_F  
ClientSampleId :  
A1-COMPMS

Tgt Ion: 278 Resp: 624859  
Ion Ratio Lower Upper  
278 100  
139 16.2 26.3 39.5#  
279 24.6 18.2 27.4



#91  
Benzo(g,h,i)perylene  
Concen: 69.95 ng  
RT: 17.37 min Scan# 1333  
Delta R.T. -0.11 min  
Lab File: BF081961.D  
Acq: 2 Oct 2015 2:14

Tgt Ion: 276 Resp: 614098  
Ion Ratio Lower Upper  
276 100  
277 23.6 17.8 26.6  
138 21.7 34.6 51.8#

