

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020916\  
 Data File : BF084951.D  
 Acq On : 9 Feb 2016 14:50  
 Operator : SJ/IZ  
 Sample : H1377-11MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB03-2-3MS

Quant Time: Feb 10 03:21:46 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 03 14:16:01 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.64  | 152  | 164305   | 20.00 | ng    | -0.05    |
| 21) Naphthalene-d8        | 7.93  | 136  | 669531   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10      | 9.68  | 164  | 316579   | 20.00 | ng    | -0.06    |
| 63) Phenanthrene-d10      | 11.15 | 188  | 563923   | 20.00 | ng    | -0.06    |
| 75) Chrysene-d12          | 13.78 | 240  | 404451   | 20.00 | ng    | -0.06    |
| 86) Perylene-d12          | 15.14 | 264  | 314531   | 20.00 | ng    | -0.07    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.24  | 112 | 1494679 | 141.69 | ng | -0.03 |
| 7) Phenol-d6                | 6.30  | 99  | 1899377 | 145.24 | ng | -0.03 |
| 23) Nitrobenzene-d5         | 7.21  | 82  | 1181993 | 99.45  | ng | -0.06 |
| 41) 2,4,6-Tribromophenol    | 10.46 | 330 | 428555  | 129.78 | ng | -0.06 |
| 44) 2-Fluorobiphenyl        | 9.00  | 172 | 1581779 | 83.70  | ng | -0.06 |
| 78) Terphenyl-d14           | 12.74 | 244 | 1737026 | 97.32  | ng | -0.06 |

|                                |      |     |         |       |    |        |
|--------------------------------|------|-----|---------|-------|----|--------|
| Target Compounds               |      |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.17 | 88  | 147244  | 31.87 | ng | # 73   |
| 3) Pyridine                    | 2.82 | 79  | 405178  | 33.66 | ng | # 74   |
| 4) n-Nitrosodimethylamine      | 2.77 | 42  | 257283  | 41.32 | ng | # 80   |
| 6) Aniline                     | 6.30 | 93  | 435672  | 27.23 | ng | # 58   |
| 8) 2-Chlorophenol              | 6.43 | 128 | 471953  | 39.53 | ng | # 90   |
| 9) Benzaldehyde                | 6.18 | 77  | 140696  | 18.22 | ng | # 96   |
| 10) Phenol                     | 6.32 | 94  | 674305  | 46.03 | ng | # 85   |
| 11) bis(2-Chloroethyl)ether    | 6.38 | 93  | 489174  | 42.82 | ng | # 88   |
| 12) 1,3-Dichlorobenzene        | 6.58 | 146 | 492615  | 39.05 | ng | # 98   |
| 13) 1,4-Dichlorobenzene        | 6.65 | 146 | 475879  | 37.73 | ng | # 97   |
| 14) 1,2-Dichlorobenzene        | 6.81 | 146 | 489224  | 41.65 | ng | # 98   |
| 15) Benzyl Alcohol             | 6.80 | 79  | 423621  | 46.91 | ng | # 92   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.93 | 45  | 783665  | 40.78 | ng | # 89   |
| 17) 2-Methylphenol             | 6.92 | 107 | 407348  | 43.14 | ng | # 88   |
| 18) Hexachloroethane           | 7.15 | 117 | 197023  | 40.57 | ng | # 87   |
| 19) n-Nitroso-di-n-propylamine | 7.07 | 70  | 356772  | 43.52 | ng | # 76   |
| 20) 3+4-Methylphenols          | 7.07 | 107 | 501123  | 42.75 | ng | # 83   |
| 22) Acetophenone               | 7.06 | 105 | 696540  | 39.47 | ng | # 98   |
| 24) Nitrobenzene               | 7.23 | 77  | 547286  | 43.00 | ng | # 99   |
| 25) Isophorone                 | 7.47 | 82  | 935485  | 40.48 | ng | # 99   |
| 26) 2-Nitrophenol              | 7.55 | 139 | 277827  | 44.26 | ng | # 94   |
| 27) 2,4-Dimethylphenol         | 7.60 | 122 | 408392  | 37.40 | ng | # 96   |
| 28) bis(2-Chloroethoxy)methane | 7.69 | 93  | 573501  | 41.83 | ng | # 99   |
| 29) 2,4-Dichlorophenol         | 7.79 | 162 | 383378  | 41.04 | ng | # 96   |
| 30) 1,2,4-Trichlorobenzene     | 7.87 | 180 | 436662  | 41.38 | ng | # 96   |
| 31) Naphthalene                | 7.95 | 128 | 1398764 | 41.65 | ng | # 99   |
| 32) Benzoic acid               | 7.70 | 122 | 65044   | 9.31  | ng | # 96   |
| 33) 4-Chloroaniline            | 8.01 | 127 | 263508  | 18.97 | ng | # 89   |
| 34) Hexachlorobutadiene        | 8.06 | 225 | 231268  | 38.01 | ng | # 99   |
| 35) Caprolactam                | 8.38 | 113 | 76919   | 26.71 | ng | # 48   |
| 36) 4-Chloro-3-methylphenol    | 8.50 | 107 | 480111  | 45.05 | ng | # 95   |
| 37) 2-Methylnaphthalene        | 8.64 | 142 | 920654  | 43.80 | ng | # 97   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.81 | 216 | 407891  | 40.57 | ng | # 99   |
| 40) Hexachlorocyclopentadiene  | 8.80 | 237 | 328742  | 75.72 | ng | # 98   |

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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.92  | 196  | 270636   | 41.78 | ng    | 94       |
| 43) 2,4,5-Trichlorophenol      | 8.97  | 196  | 274263   | 41.67 | ng #  | 86       |
| 45) 1,1'-Biphenyl              | 9.10  | 154  | 1194948  | 42.26 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 9.13  | 162  | 877828   | 42.16 | ng #  | 88       |
| 47) 2-Nitroaniline             | 9.23  | 65   | 315169   | 47.80 | ng #  | 83       |
| 48) Acenaphthylene             | 9.54  | 152  | 1339101  | 42.38 | ng    | 99       |
| 49) Dimethylphthalate          | 9.41  | 163  | 1189046  | 49.31 | ng #  | 90       |
| 50) 2,6-Dinitrotoluene         | 9.47  | 165  | 203613   | 38.66 | ng #  | 43       |
| 51) Acenaphthene               | 9.71  | 154  | 852169   | 41.45 | ng    | 98       |
| 52) 3-Nitroaniline             | 9.64  | 138  | 184288   | 31.13 | ng #  | 84       |
| 53) 2,4-Dinitrophenol          | 9.76  | 184  | 173139   | 71.85 | ng    | 90       |
| 54) Dibenzofuran               | 9.88  | 168  | 1172066  | 46.65 | ng    | 96       |
| 55) 4-Nitrophenol              | 9.82  | 139  | 273317   | 62.83 | ng #  | 79       |
| 56) 2,4-Dinitrotoluene         | 9.88  | 165  | 302280   | 44.99 | ng    | 91       |
| 57) Fluorene                   | 10.22 | 166  | 908451   | 43.30 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.01 | 232  | 226013   | 45.11 | ng    | 89       |
| 59) Diethylphthalate           | 10.11 | 149  | 932614   | 39.61 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.21 | 204  | 368227   | 41.15 | ng    | 92       |
| 61) 4-Nitroaniline             | 10.26 | 138  | 256978   | 44.55 | ng    | 90       |
| 62) Azobenzene                 | 10.37 | 77   | 967981   | 42.76 | ng    | 88       |
| 64) 4,6-Dinitro-2-methylphenol | 10.28 | 198  | 143084   | 41.11 | ng #  | 51       |
| 65) n-Nitrosodiphenylamine     | 10.34 | 169  | 765180   | 42.73 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.70 | 248  | 275096   | 44.17 | ng #  | 93       |
| 67) Hexachlorobenzene          | 10.76 | 284  | 265572   | 39.13 | ng #  | 83       |
| 68) Atrazine                   | 10.88 | 200  | 283007   | 50.05 | ng    | 97       |
| 69) Pentachlorophenol          | 10.97 | 266  | 233510   | 73.21 | ng    | 98       |
| 70) Phenanthrene               | 11.17 | 178  | 1217823  | 38.94 | ng    | 97       |
| 71) Anthracene                 | 11.23 | 178  | 1396133  | 44.30 | ng    | 99       |
| 72) Carbazole                  | 11.39 | 167  | 1264404  | 46.01 | ng    | 98       |
| 73) Di-n-butylphthalate        | 11.72 | 149  | 1362327  | 38.94 | ng #  | 96       |
| 74) Fluoranthene               | 12.35 | 202  | 1237275  | 39.08 | ng    | 99       |
| 76) Benzidine                  | 12.49 | 184  | 359218   | 25.70 | ng    | 97       |
| 77) Pyrene                     | 12.58 | 202  | 1243276  | 40.15 | ng    | 98       |
| 79) Butylbenzylphthalate       | 13.21 | 149  | 589917   | 41.99 | ng #  | 83       |
| 80) Benzo(a)anthracene         | 13.77 | 228  | 1096218  | 43.67 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.73 | 252  | 165271   | 18.59 | ng #  | 95       |
| 82) Chrysene                   | 13.80 | 228  | 822237   | 33.78 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.78 | 149  | 784458   | 44.87 | ng #  | 97       |
| 84) Di-n-octyl phthalate       | 14.39 | 149  | 1148685  | 39.83 | ng #  | 88       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.40 | 276  | 805353   | 42.03 | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 14.80 | 252  | 1677411  | 79.37 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 14.80 | 252  | 1678197  | 96.04 | ng #  | 96       |
| 89) Benzo(a)pyrene             | 15.08 | 252  | 750849   | 41.70 | ng #  | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.41 | 278  | 666670   | 43.98 | ng #  | 95       |
| 91) Benzo(g,h,i)perylene       | 16.77 | 276  | 687282   | 45.01 | ng    | 97       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

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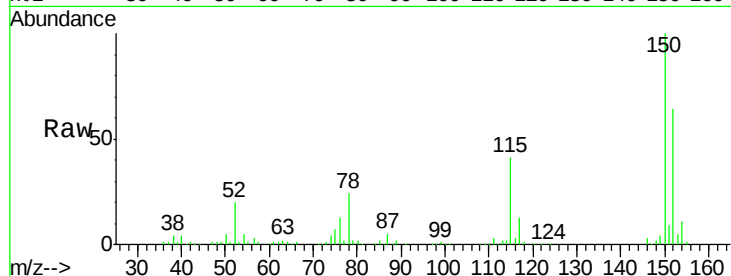
Tgt Ion: 152 Resp: 164305

Ion Ratio Lower Upper

152 100

150 155.1 123.0 184.4

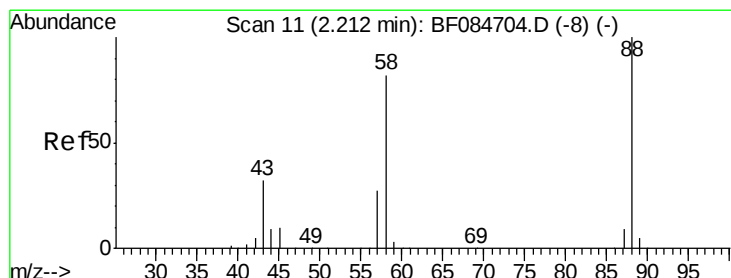
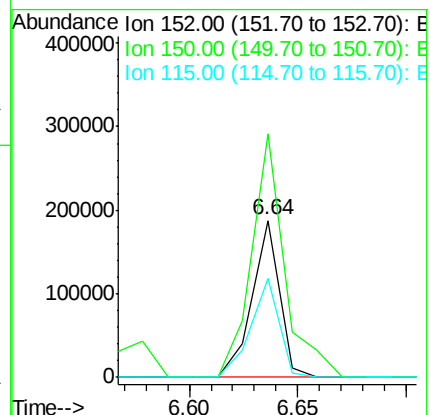
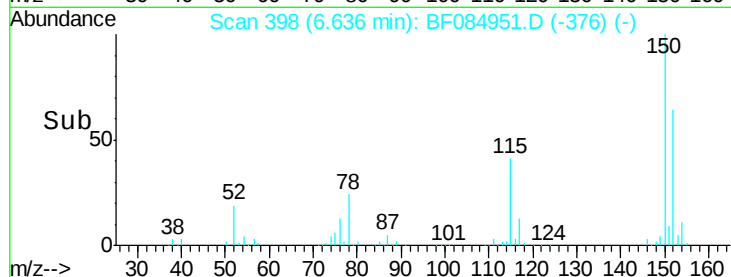
115 63.3 51.4 77.2



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: 31.87 ng

RT: 2.17 min Scan# 7

Delta R.T. -0.01 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

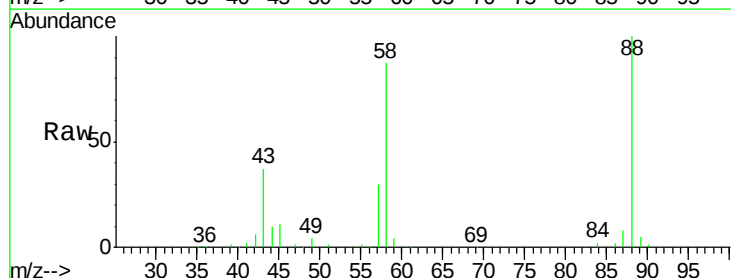
Tgt Ion: 88 Resp: 147244

Ion Ratio Lower Upper

88 100

58 86.5 51.2 76.8#

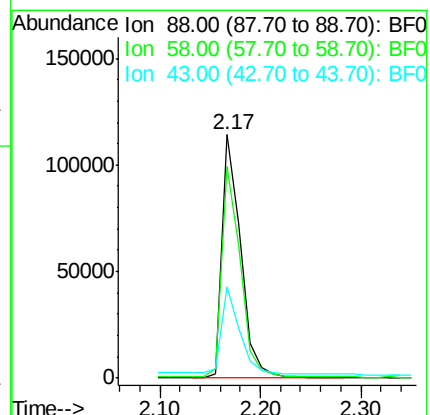
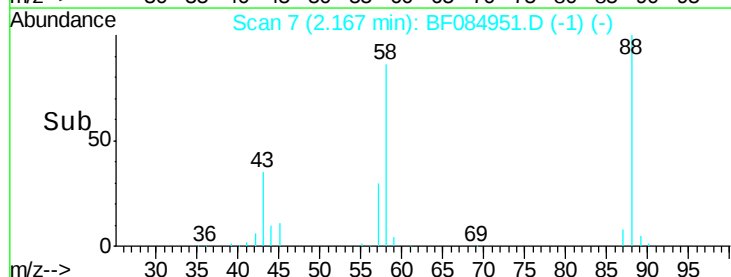
43 35.2 19.5 29.3#

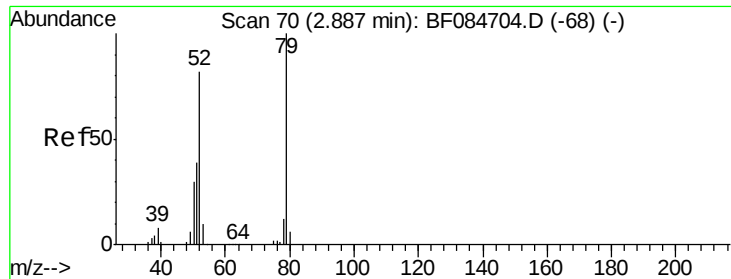


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.66 ng

RT: 2.82 min Scan# 64

Delta R.T. -0.02 min

Lab File: BF084951.D

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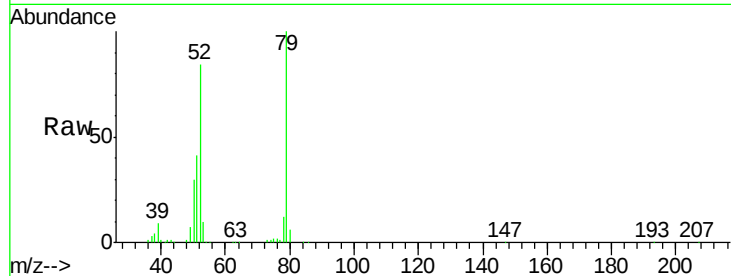
Tgt Ion: 79 Resp: 405178

Ion Ratio Lower Upper

79 100

52 83.6 49.0 73.4#

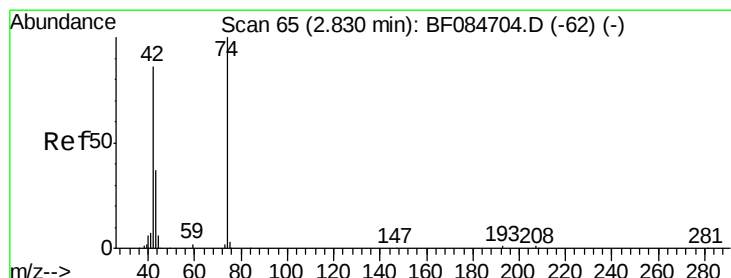
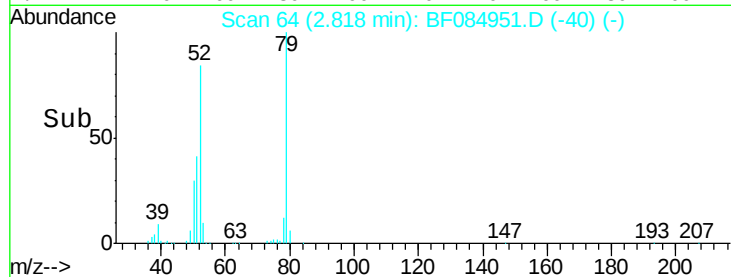
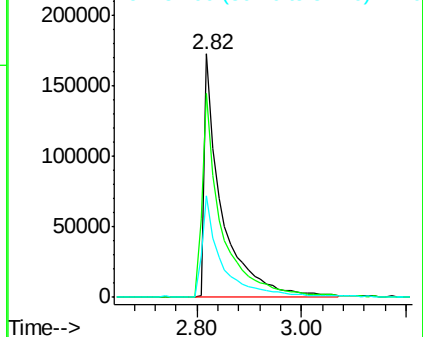
51 41.5 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.32 ng

RT: 2.77 min Scan# 60

Delta R.T. -0.02 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

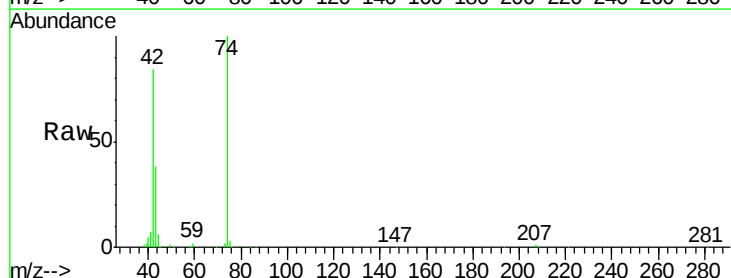
Tgt Ion: 42 Resp: 257283

Ion Ratio Lower Upper

42 100

74 118.5 115.7 173.5

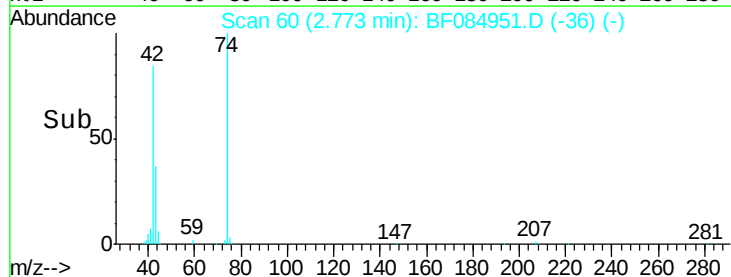
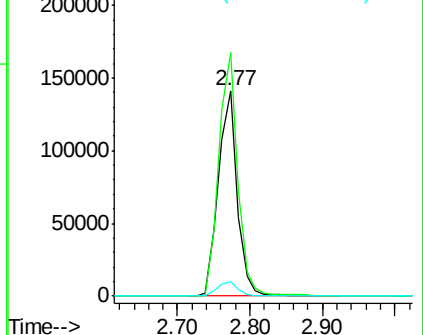
44 6.8 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 141.69 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

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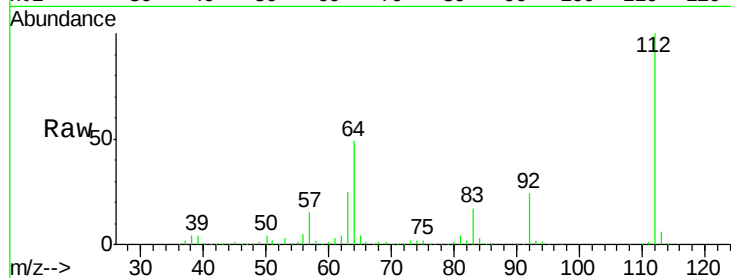
Tgt Ion: 112 Resp: 1494679

Ion Ratio Lower Upper

112 100

64 48.6 36.6 55.0

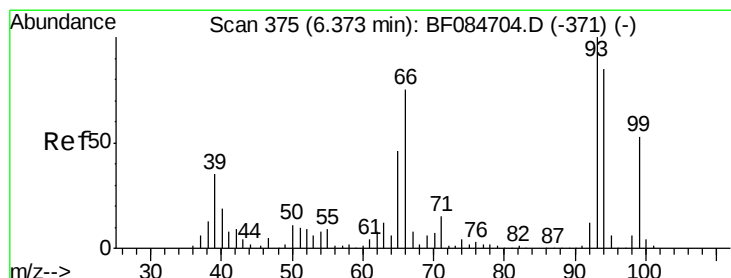
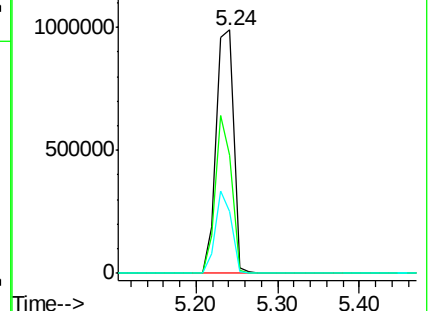
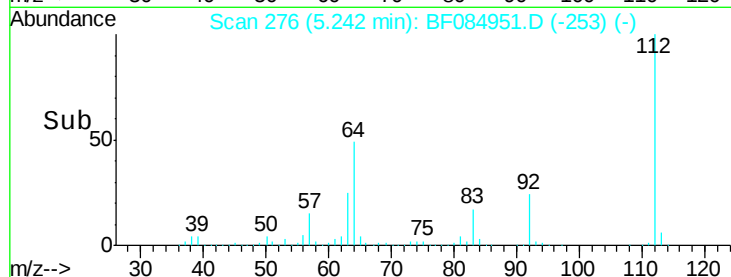
63 25.4 19.4 29.0



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: 27.23 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

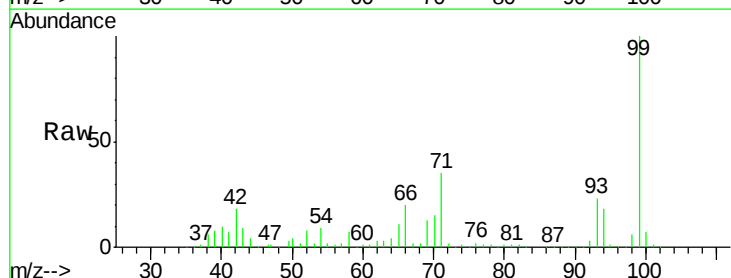
Tgt Ion: 93 Resp: 435672

Ion Ratio Lower Upper

93 100

66 90.2 44.9 67.3#

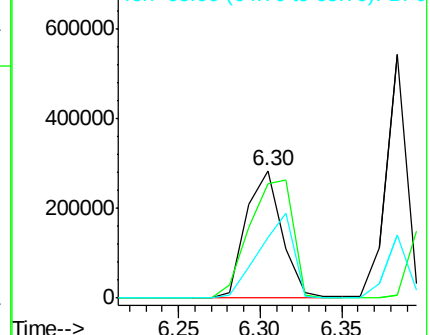
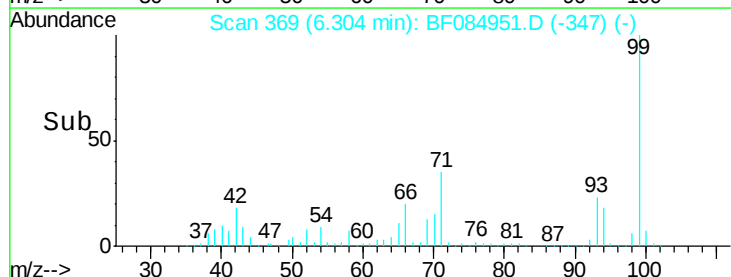
65 47.5 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 145.24 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

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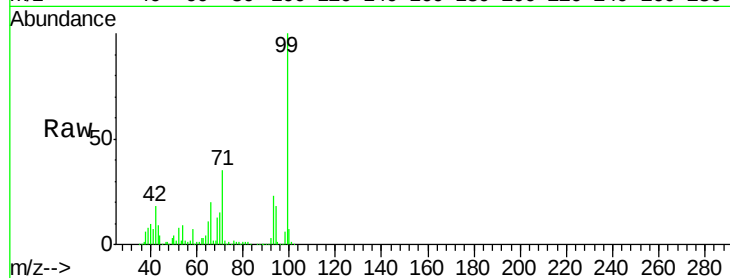
Tgt Ion: 99 Resp: 1899377

Ion Ratio Lower Upper

99 100

42 18.1 12.8 19.2

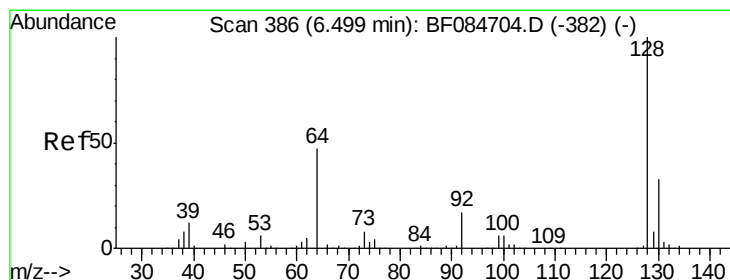
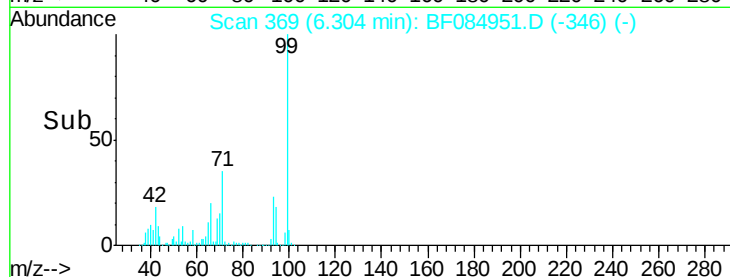
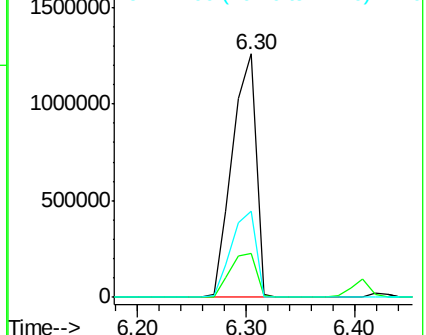
71 35.4 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.53 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

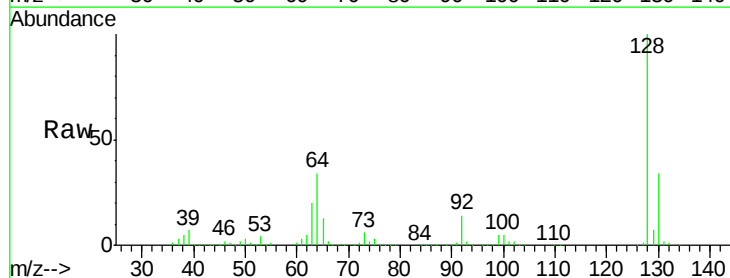
Tgt Ion: 128 Resp: 471953

Ion Ratio Lower Upper

128 100

130 33.9 11.6 51.6

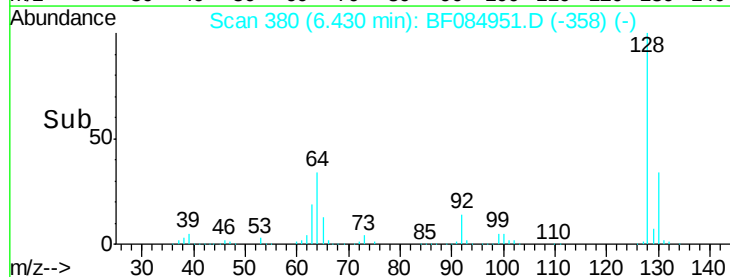
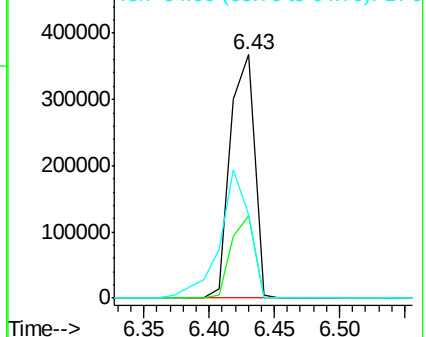
64 34.4 23.8 63.8

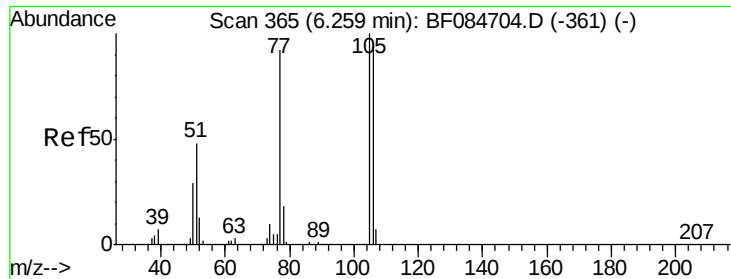


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.22 ng

RT: 6.18 min Scan# 358

Delta R.T. -0.06 min

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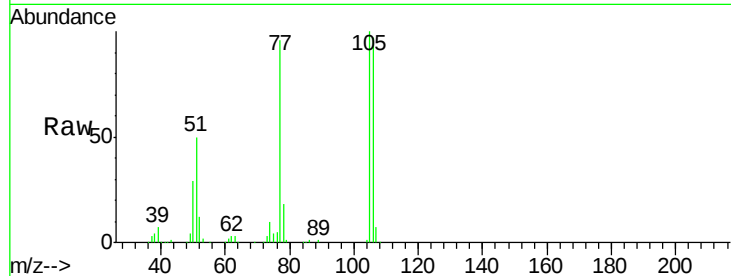
Tgt Ion: 77 Resp: 140696

Ion Ratio Lower Upper

77 100

105 104.7 83.0 123.0

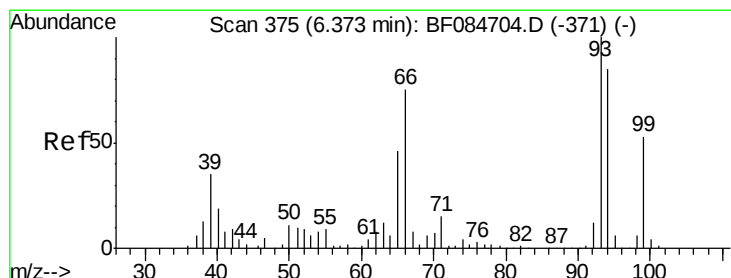
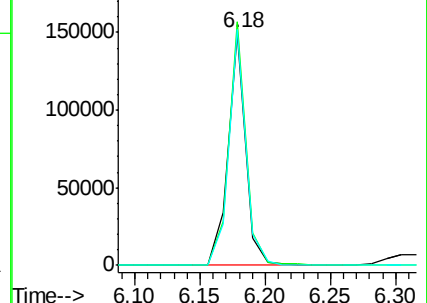
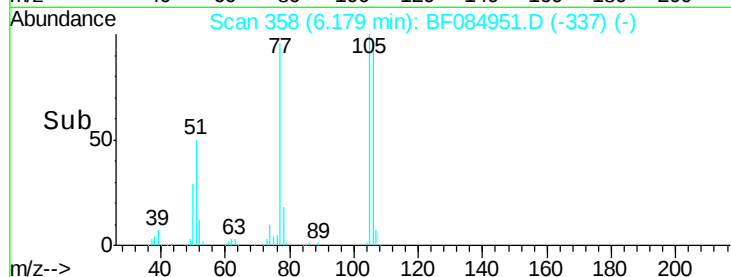
106 101.2 74.6 114.6



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: 46.03 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

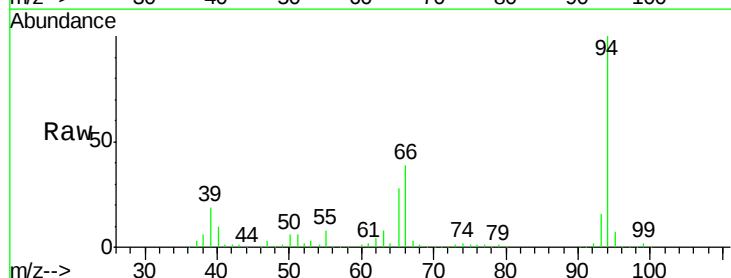
Tgt Ion: 94 Resp: 674305

Ion Ratio Lower Upper

94 100

65 28.1 12.9 52.9

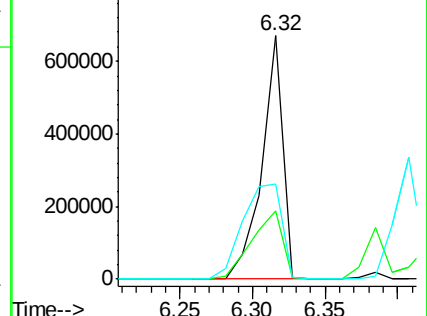
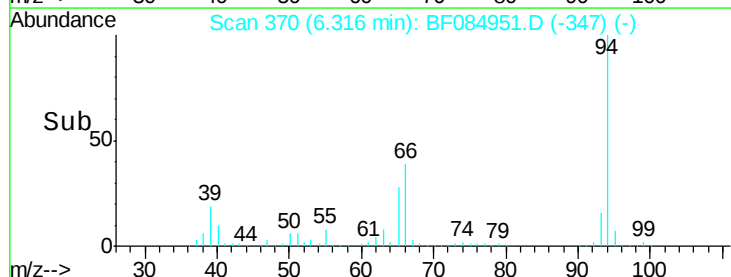
66 39.3 32.7 72.7

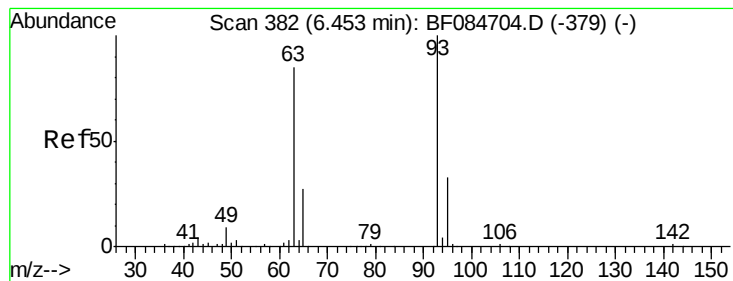


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.82 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA\_F

ClientSampleId :

SB03-2-3MS

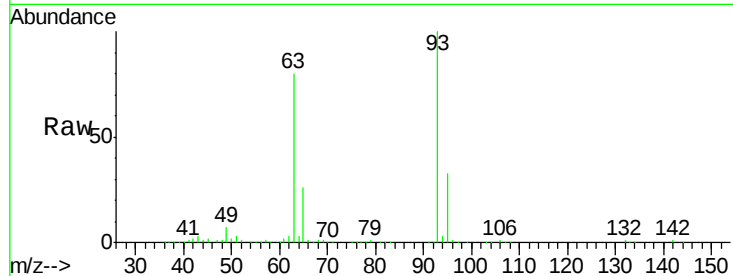
Tgt Ion: 93 Resp: 489174

Ion Ratio Lower Upper

93 100

63 80.2 45.9 85.9

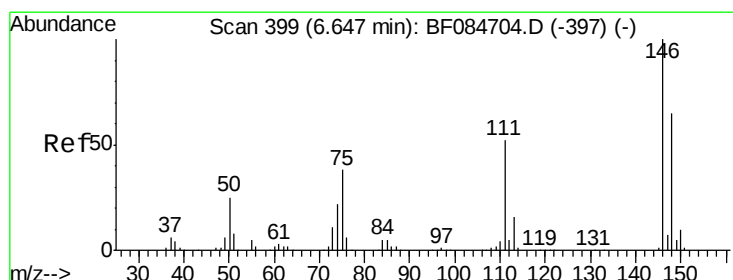
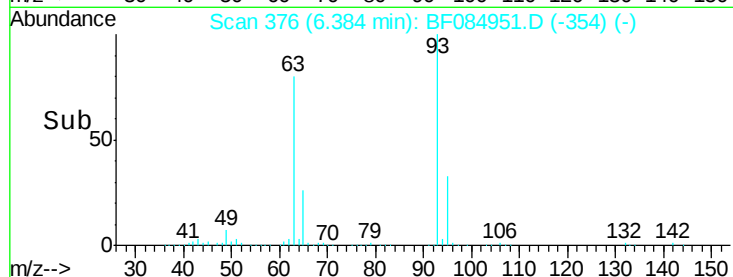
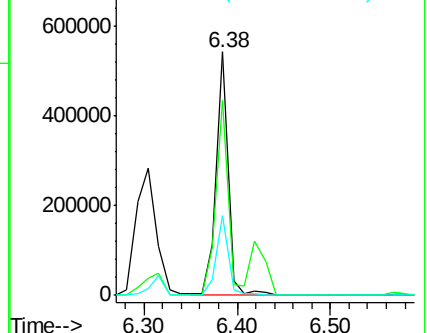
95 32.7 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.05 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

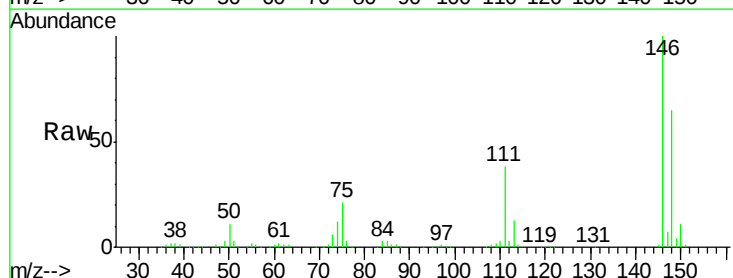
Tgt Ion: 146 Resp: 492615

Ion Ratio Lower Upper

146 100

148 65.1 51.9 77.9

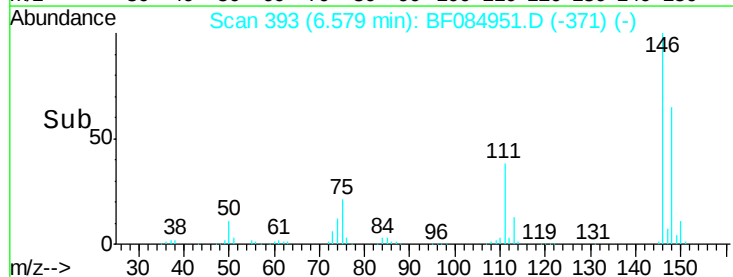
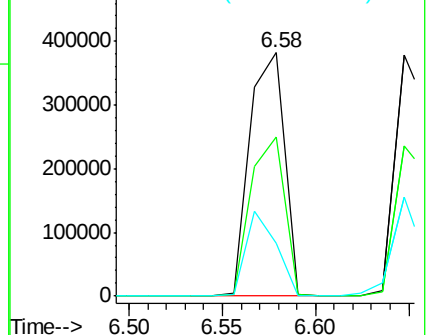
75 21.5 20.5 30.7

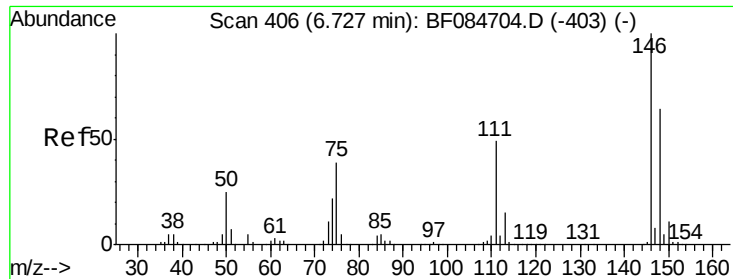


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

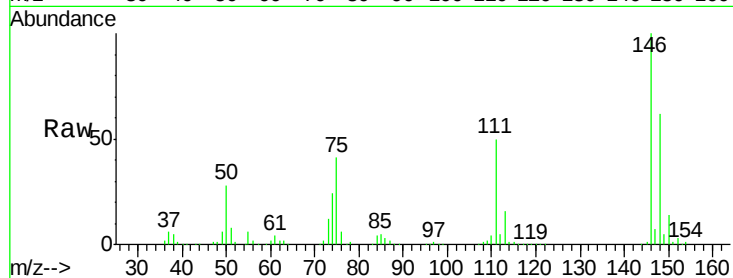




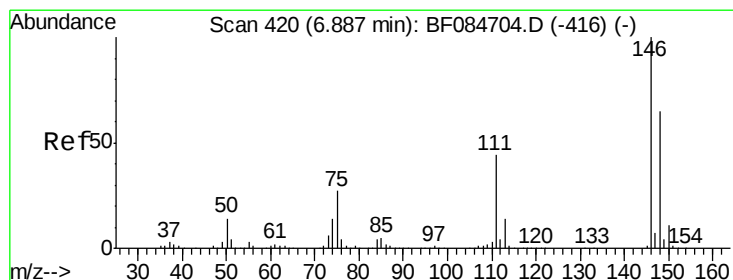
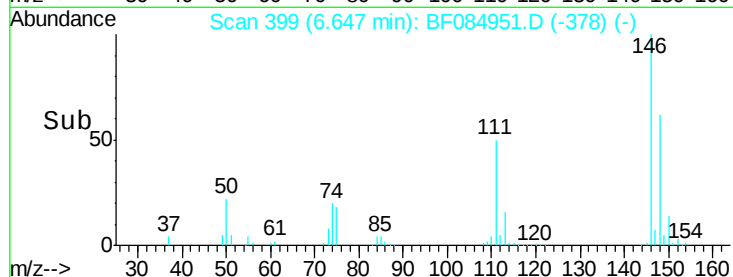
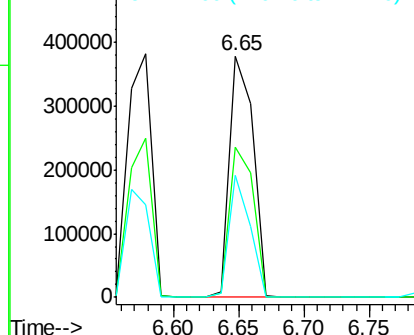
#13  
 1,4-Dichlorobenzene  
 Concen: 37.73 ng  
 RT: 6.65 min Scan# 399  
 Delta R.T. -0.06 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB03-2-3MS

Tgt Ion:146 Resp: 475879  
 Ion Ratio Lower Upper  
 146 100  
 148 62.3 51.9 77.9  
 111 50.4 41.6 62.4

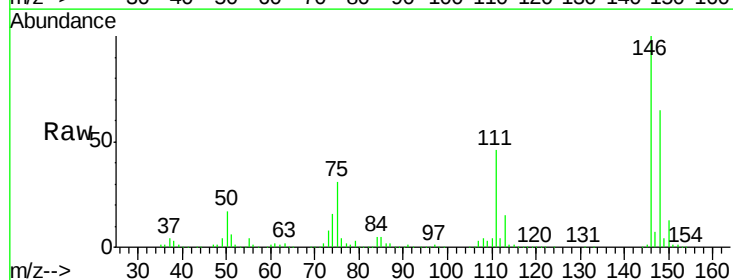


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

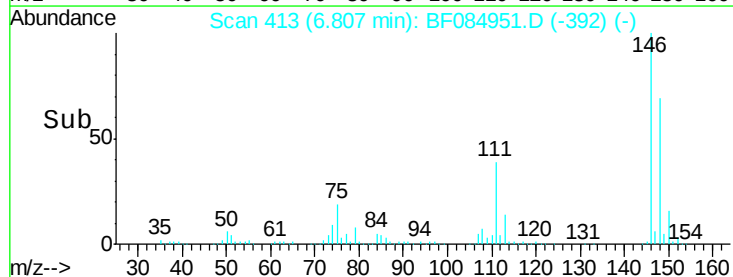
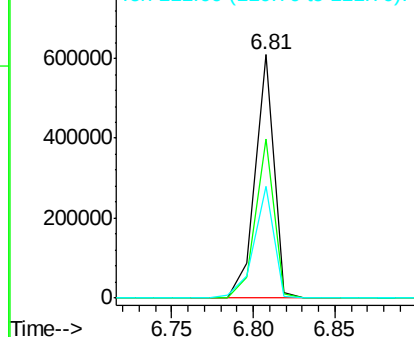


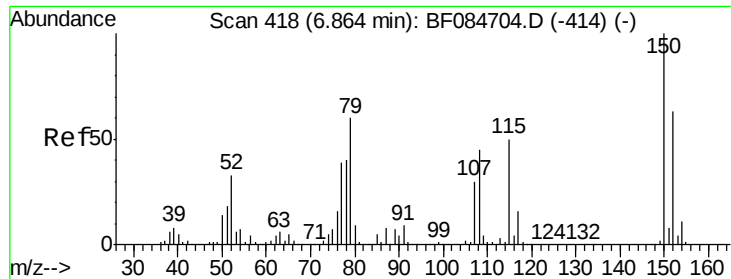
#14  
 1,2-Dichlorobenzene  
 Concen: 41.65 ng  
 RT: 6.81 min Scan# 413  
 Delta R.T. -0.06 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Tgt Ion:146 Resp: 489224  
 Ion Ratio Lower Upper  
 146 100  
 148 65.4 51.6 77.4  
 111 46.1 38.0 57.0



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

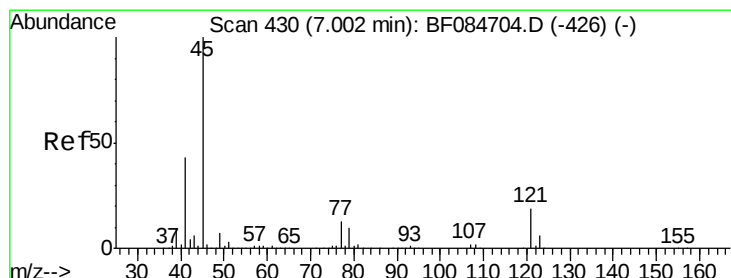
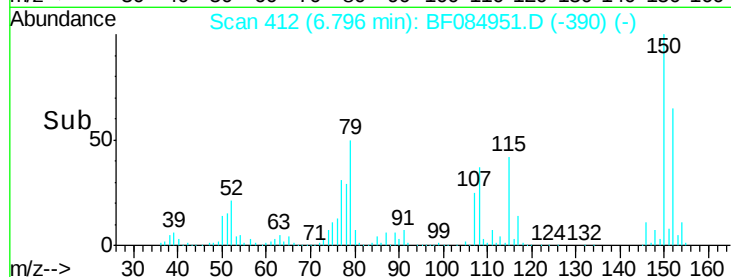
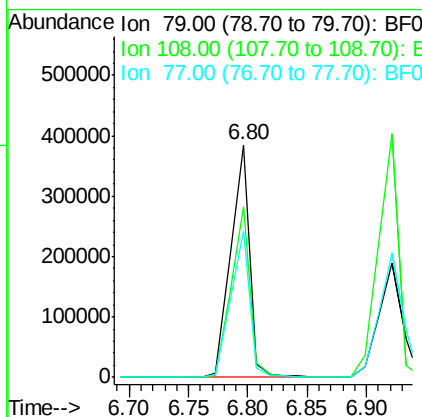
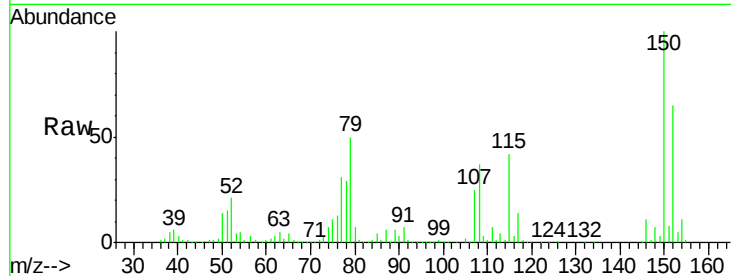




#15  
Benzyl Alcohol  
Concen: 46.91 ng  
RT: 6.80 min Scan# 412  
Delta R.T. -0.05 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

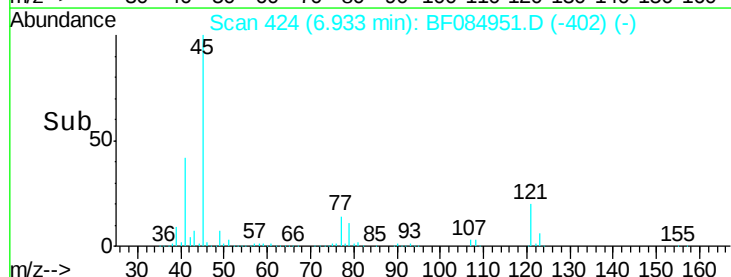
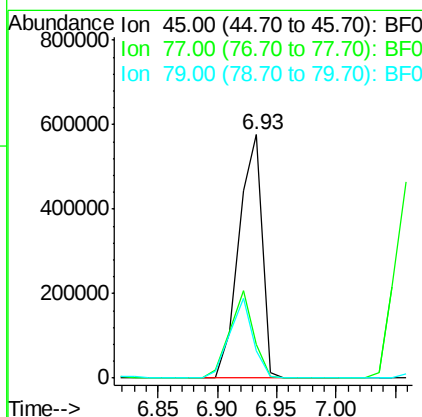
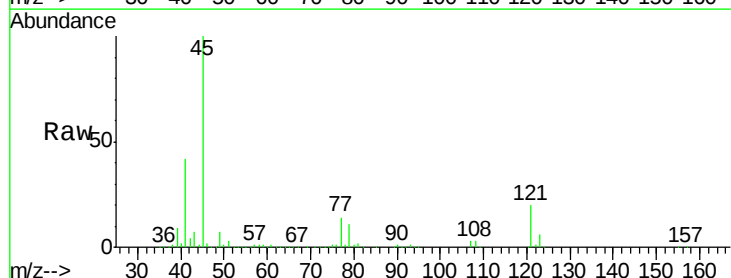
Instrument :  
BNA\_F  
ClientSampleId :  
SB03-2-3MS

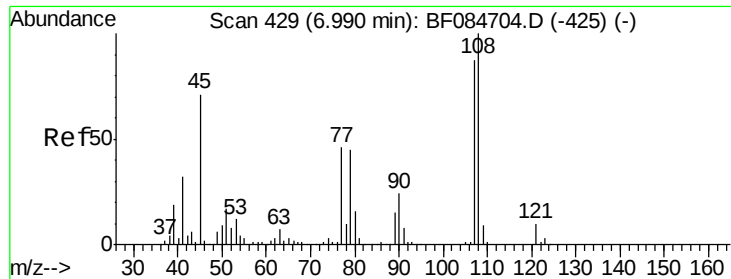
Tgt Ion: 79 Resp: 423621  
Ion Ratio Lower Upper  
79 100  
108 73.3 69.0 103.4  
77 62.9 50.0 75.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.78 ng  
RT: 6.93 min Scan# 424  
Delta R.T. -0.05 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Tgt Ion: 45 Resp: 783665  
Ion Ratio Lower Upper  
45 100  
77 13.9 0.0 39.6  
79 11.2 0.0 35.0

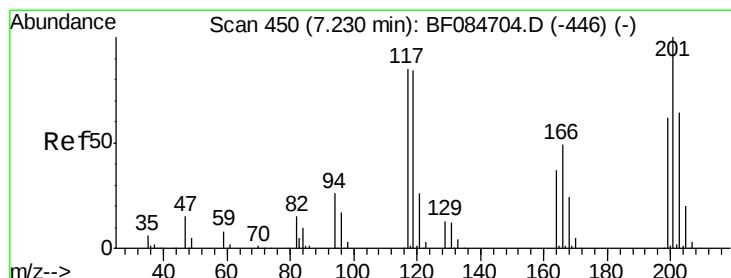
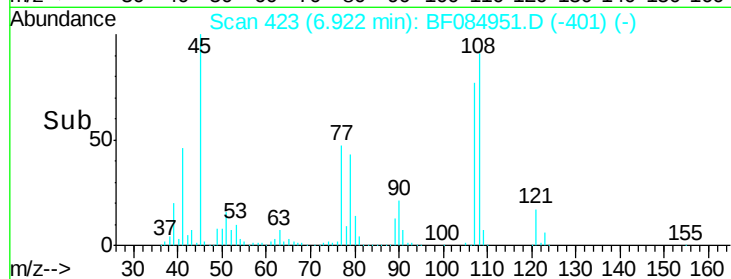
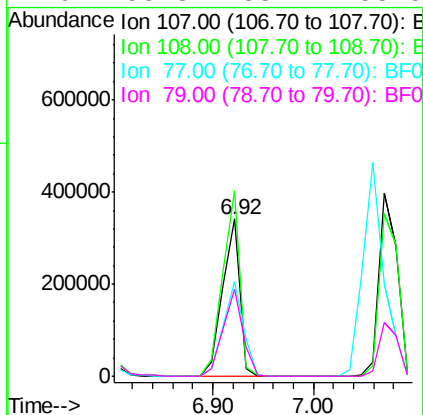
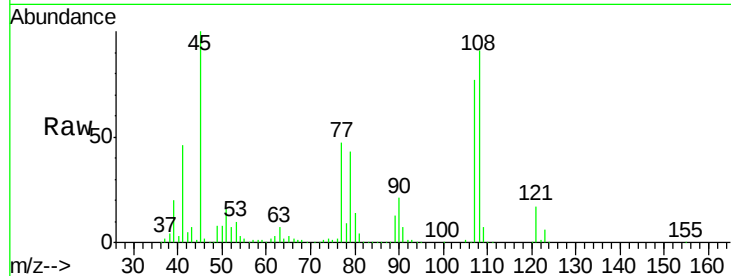




#17  
2-Methylphenol  
Concen: 43.14 ng  
RT: 6.92 min Scan# 423  
Delta R.T. -0.05 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

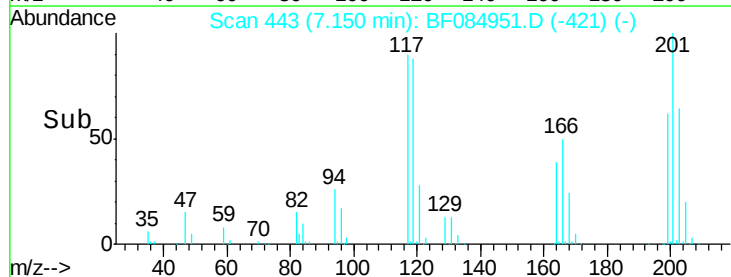
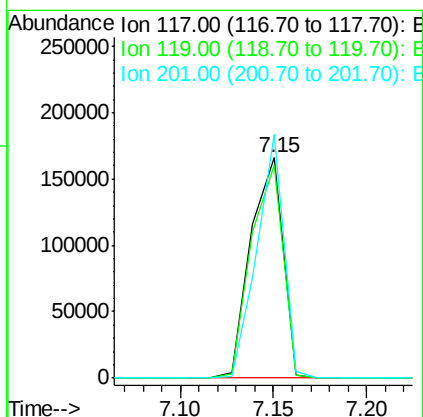
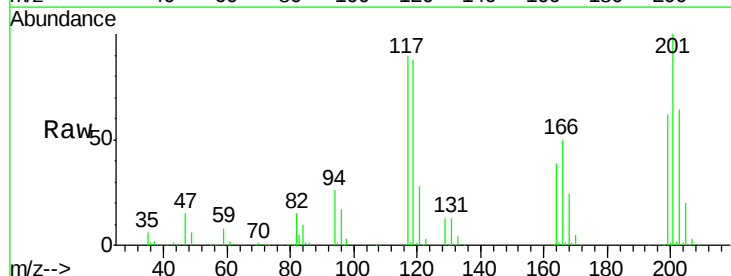
Instrument :  
BNA\_F  
ClientSampleId :  
SB03-2-3MS

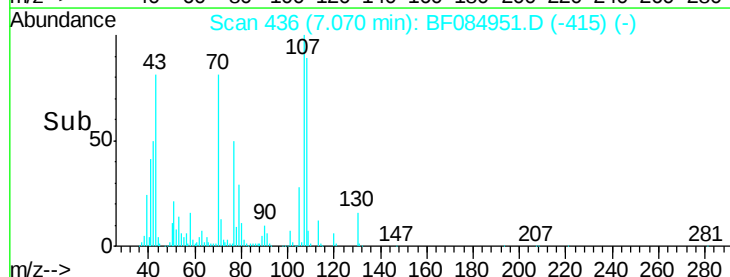
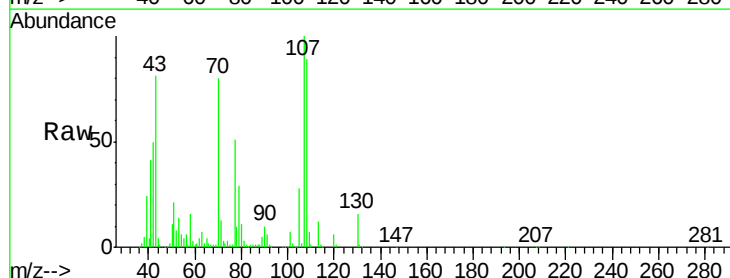
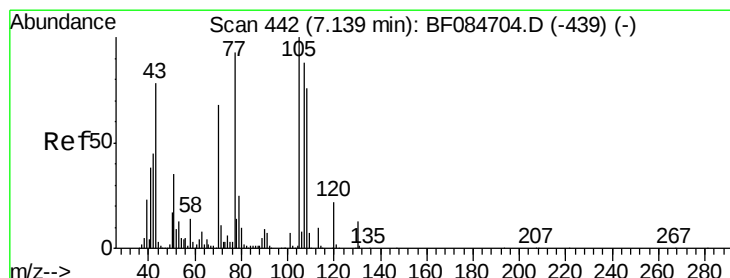
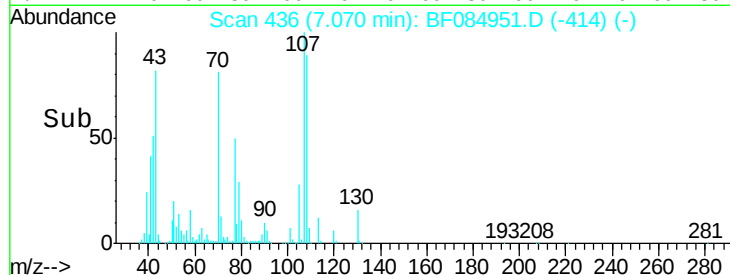
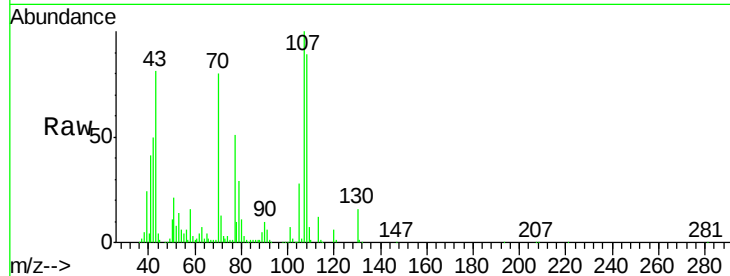
Tgt Ion:107 Resp: 407348  
Ion Ratio Lower Upper  
107 100  
108 117.9 89.8 134.6  
77 60.4 35.7 53.5#  
79 55.3 35.7 53.5#



#18  
Hexachloroethane  
Concen: 40.57 ng  
RT: 7.15 min Scan# 443  
Delta R.T. -0.05 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Tgt Ion:117 Resp: 197023  
Ion Ratio Lower Upper  
117 100  
119 96.9 77.4 116.0  
201 110.7 68.6 103.0#

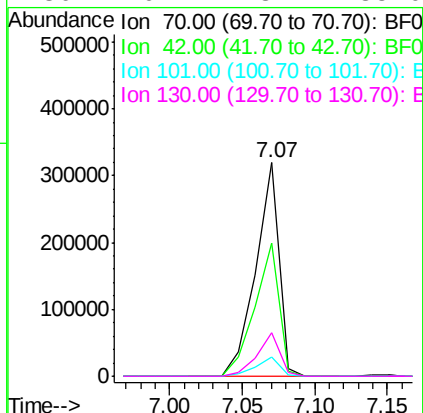




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.52 ng  
RT: 7.07 min Scan# 436  
Delta R.T. -0.05 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

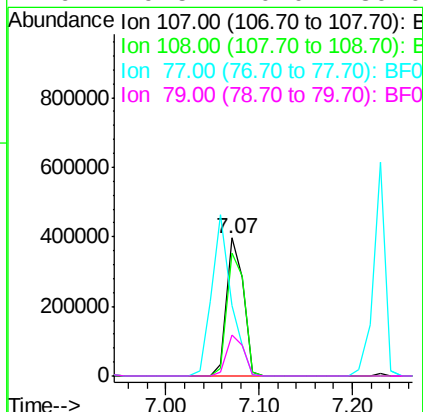
Instrument :  
BNA\_F  
ClientSampleId :  
SB03-2-3MS

Tgt Ion: 70 Resp: 356772  
Ion Ratio Lower Upper  
70 100  
42 62.4 33.3 49.9#  
101 9.2 9.3 13.9#  
130 20.2 23.4 35.0#



#20  
3+4-Methylphenols  
Concen: 42.75 ng  
RT: 7.07 min Scan# 436  
Delta R.T. -0.06 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Tgt Ion: 107 Resp: 501123  
Ion Ratio Lower Upper  
107 100  
108 89.2 74.6 114.6  
77 50.7 0.7 40.7#  
79 29.5 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA\_F

ClientSampleId :

SB03-2-3MS

Tgt Ion:136 Resp: 669531

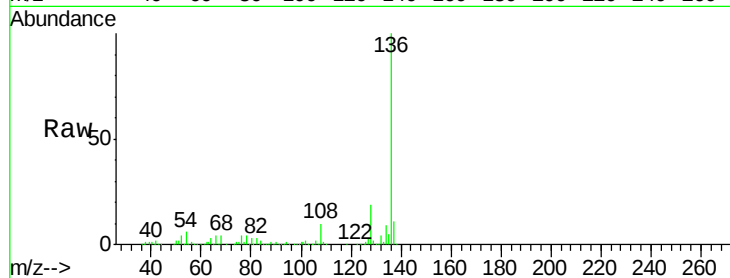
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.4 5.8 8.8

68 3.8 4.2 6.2#

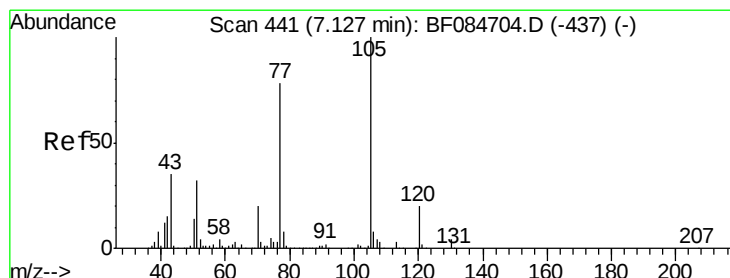
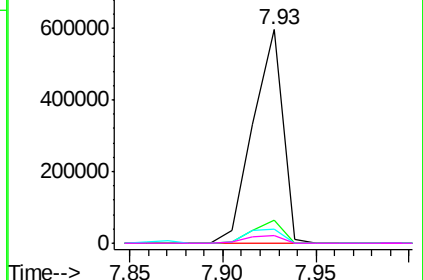
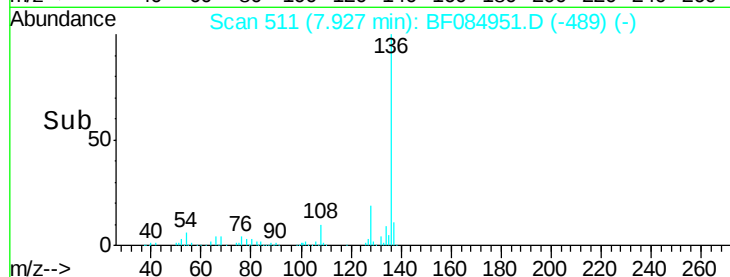


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.47 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tgt Ion:105 Resp: 696540

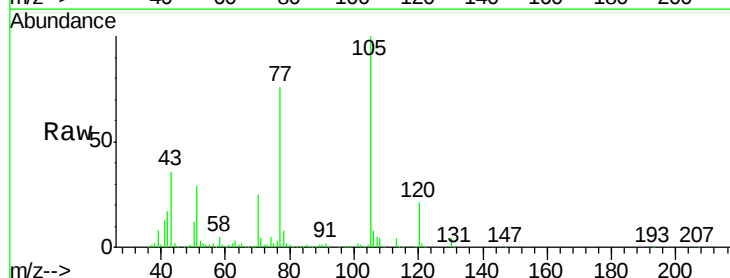
Ion Ratio Lower Upper

105 100

71 4.0 3.7 5.5

51 29.4 25.1 37.7

120 20.5 16.6 25.0

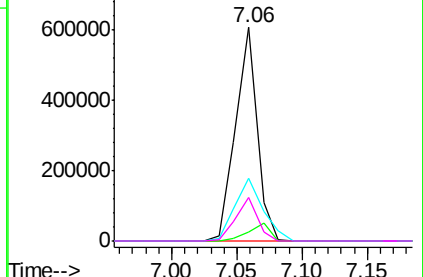
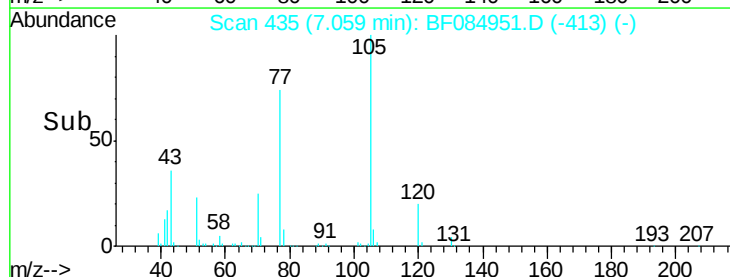


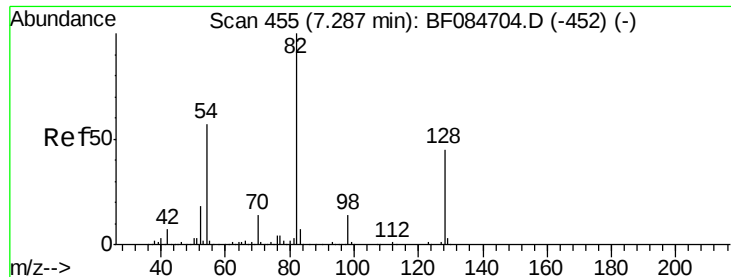
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

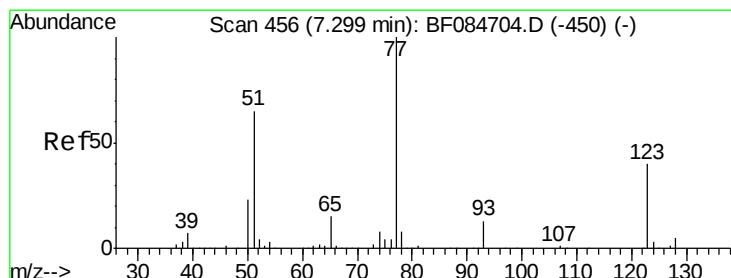
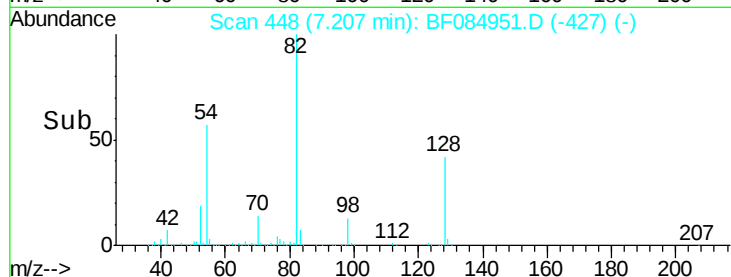
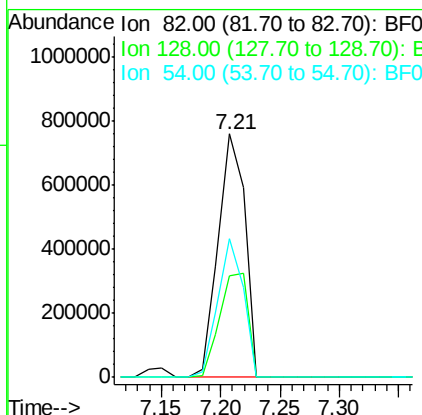
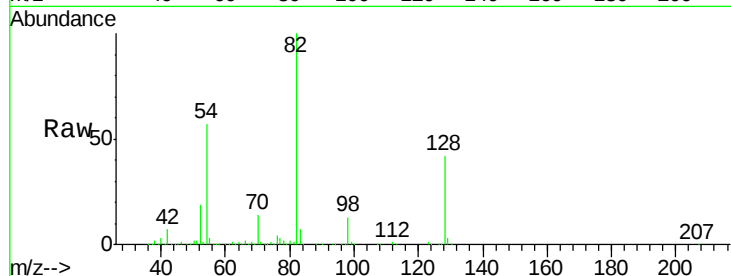




#23  
 Nitrobenzene-d5  
 Concen: 99.45 ng  
 RT: 7.21 min Scan# 448  
 Delta R.T. -0.06 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

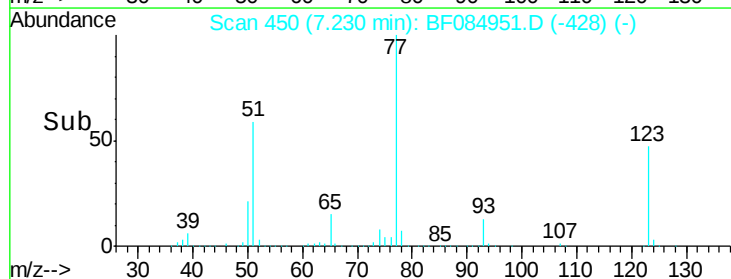
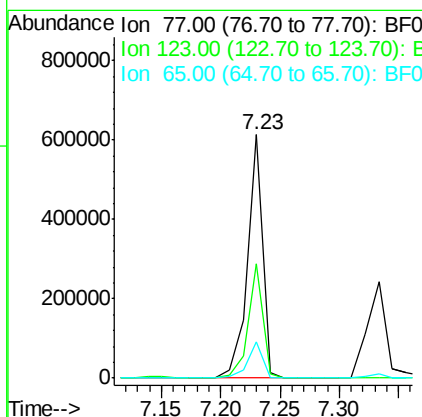
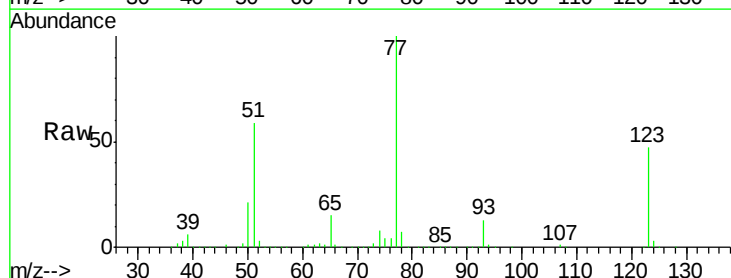
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB03-2-3MS

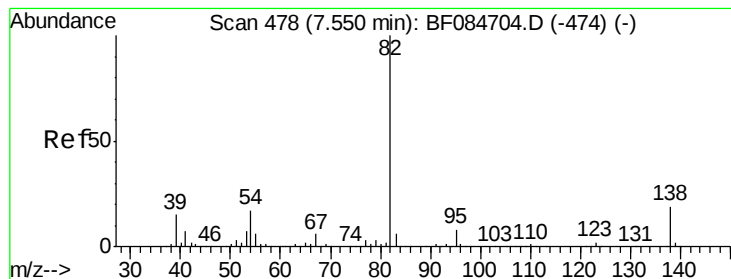
Tgt Ion: 82 Resp: 1181993  
 Ion Ratio Lower Upper  
 82 100  
 128 41.9 34.6 51.8  
 54 56.8 38.4 57.6



#24  
 Nitrobenzene  
 Concen: 43.00 ng  
 RT: 7.23 min Scan# 450  
 Delta R.T. -0.05 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Tgt Ion: 77 Resp: 547286  
 Ion Ratio Lower Upper  
 77 100  
 123 47.0 37.4 56.2  
 65 14.8 10.9 16.3





#25

Isophorone

Concen: 40.48 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA\_F

ClientSampleId :

SB03-2-3MS

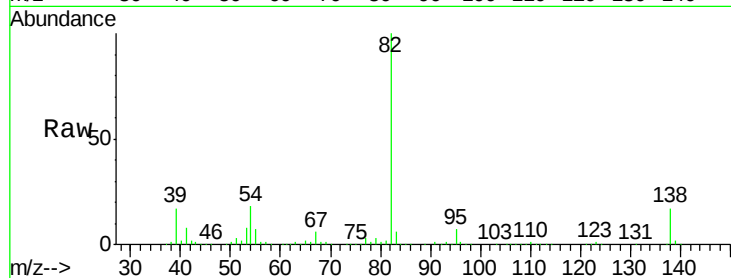
Tgt Ion: 82 Resp: 935485

Ion Ratio Lower Upper

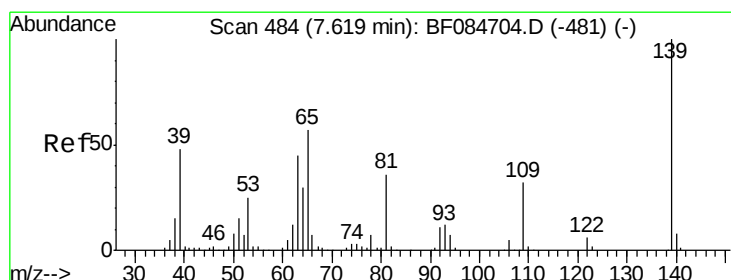
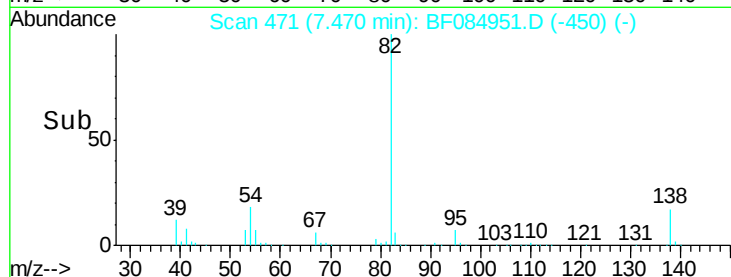
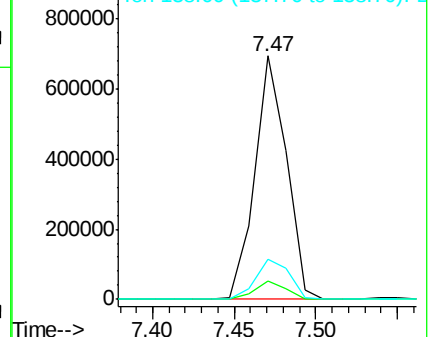
82 100

95 7.5 6.6 10.0

138 16.6 13.6 20.4



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: 44.26 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

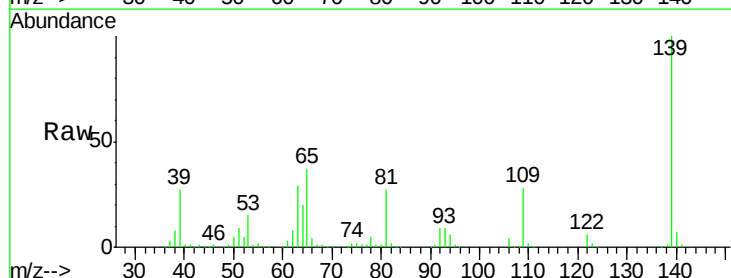
Tgt Ion: 139 Resp: 277827

Ion Ratio Lower Upper

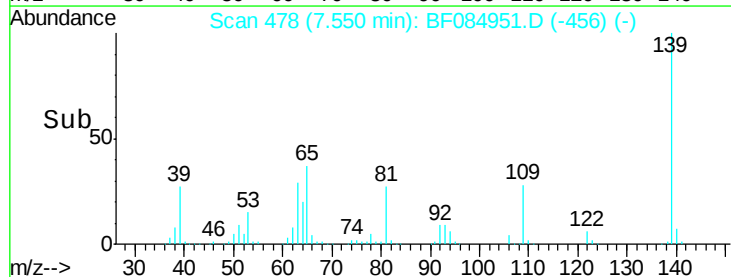
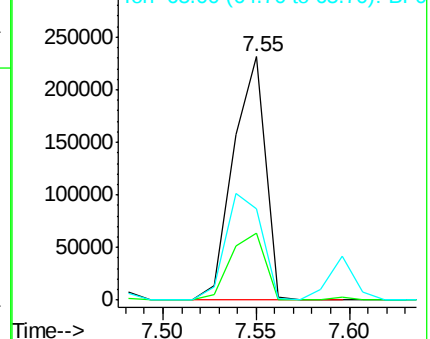
139 100

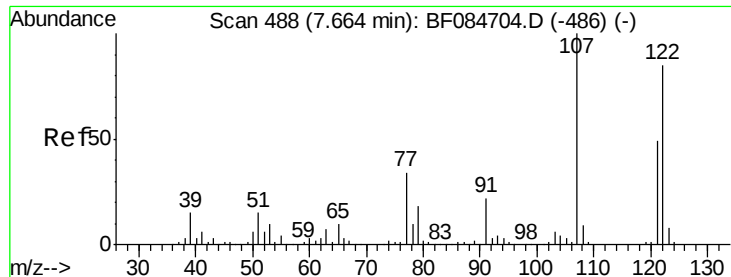
109 27.6 25.4 38.2

65 37.3 32.3 48.5



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

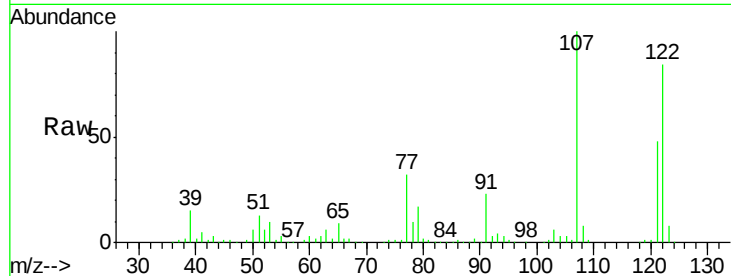




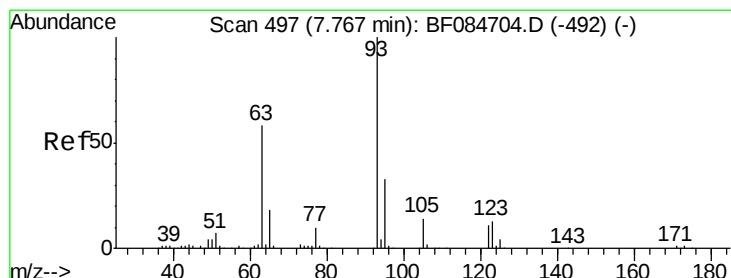
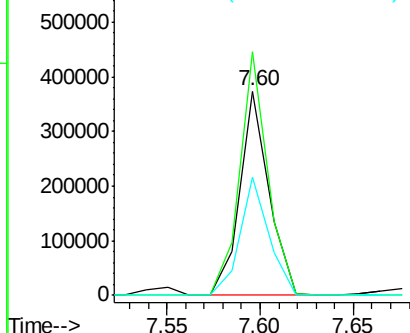
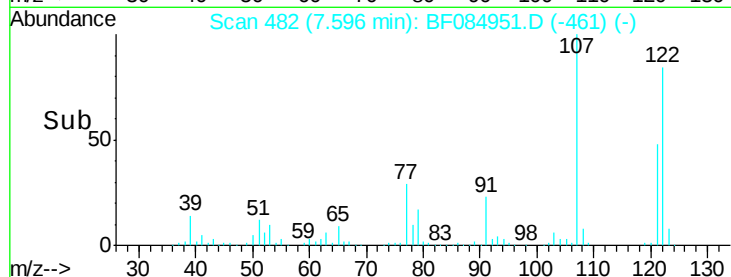
#27  
 2,4-Dimethylphenol  
 Concen: 37.40 ng  
 RT: 7.60 min Scan# 482  
 Delta R.T. -0.06 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB03-2-3MS

Tgt Ion:122 Resp: 408392  
 Ion Ratio Lower Upper  
 122 100  
 107 119.0 99.1 148.7  
 121 57.6 47.9 71.9

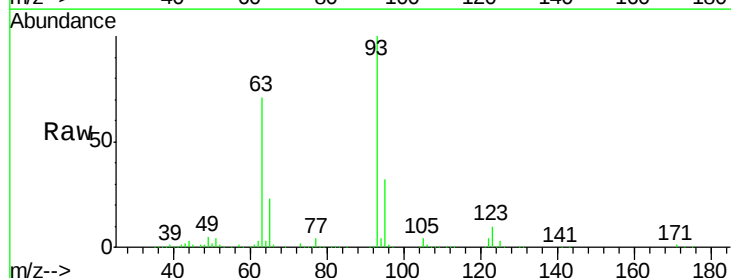


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

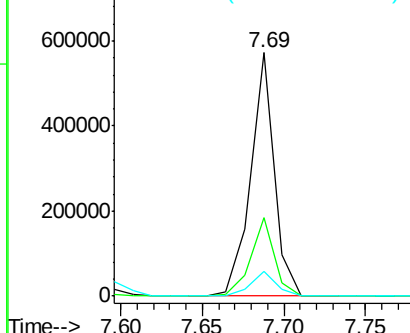
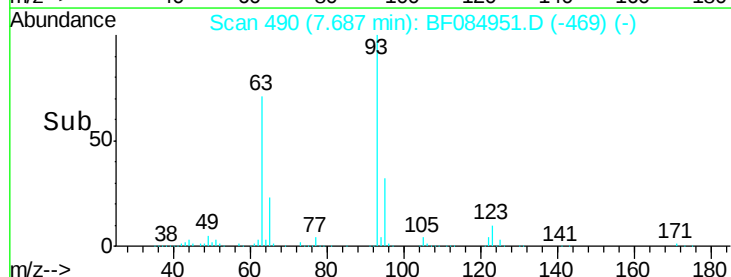


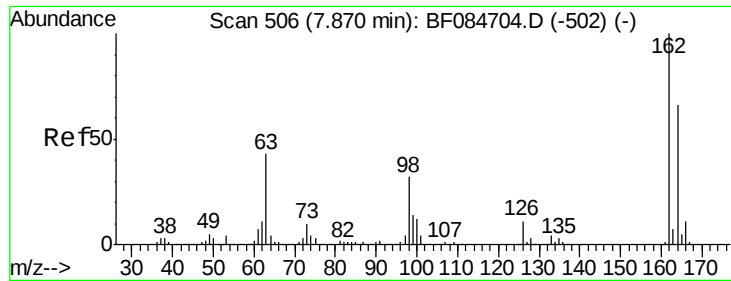
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.83 ng  
 RT: 7.69 min Scan# 490  
 Delta R.T. -0.06 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Tgt Ion: 93 Resp: 573501  
 Ion Ratio Lower Upper  
 93 100  
 95 32.4 25.8 38.6  
 123 10.1 8.6 12.8



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

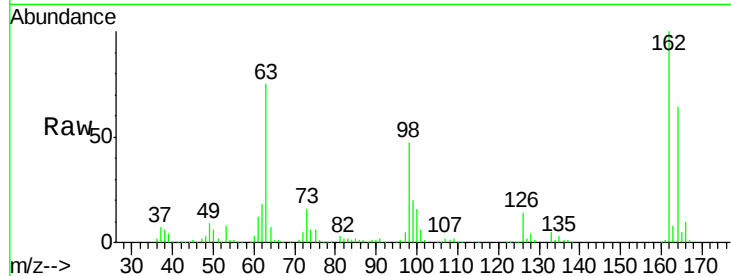




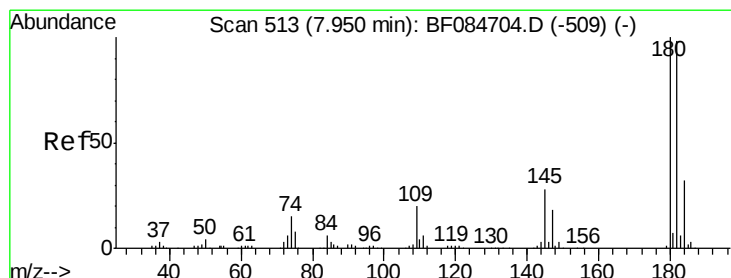
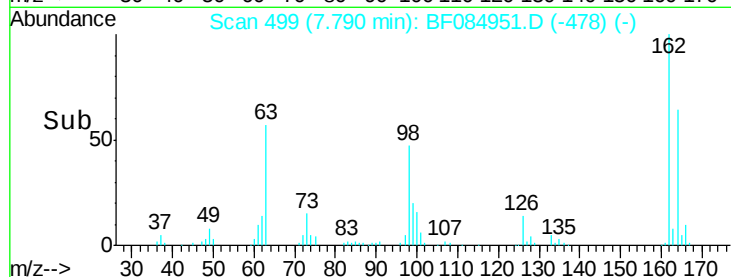
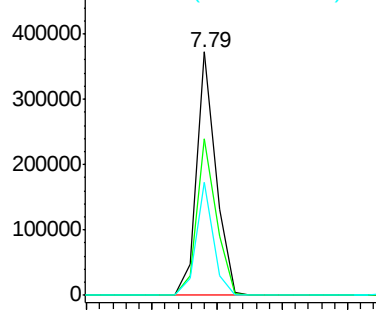
#29  
 2,4-Dichlorophenol  
 Concen: 41.04 ng  
 RT: 7.79 min Scan# 499  
 Delta R.T. -0.06 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB03-2-3MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.2  | 44.1  | 84.1  |
| 98      | 46.5  | 20.2  | 60.2  |

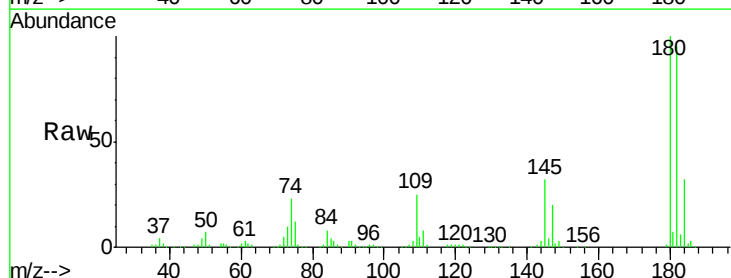


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

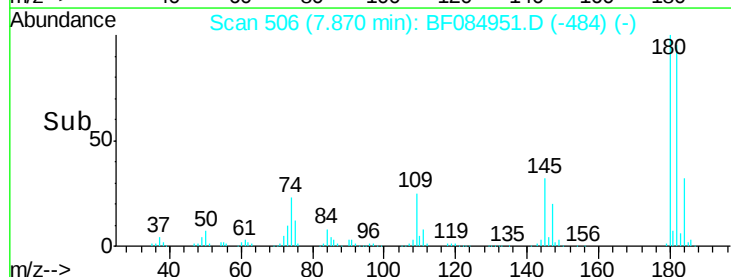
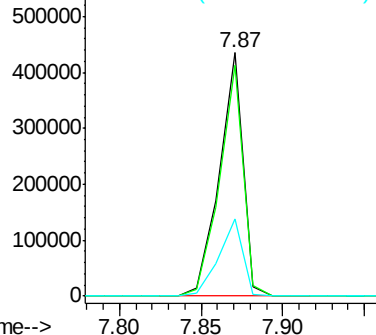


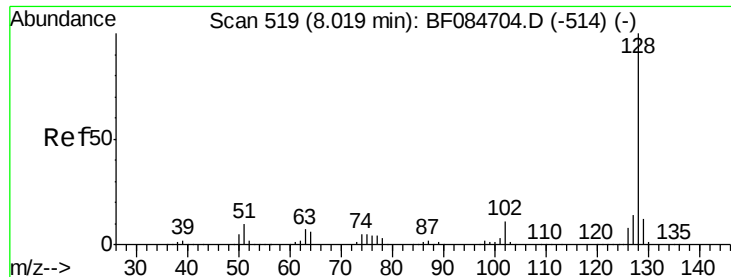
#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.38 ng  
 RT: 7.87 min Scan# 506  
 Delta R.T. -0.05 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 76.4  | 114.6 |
| 145     | 31.6  | 31.6  | 47.4  |



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

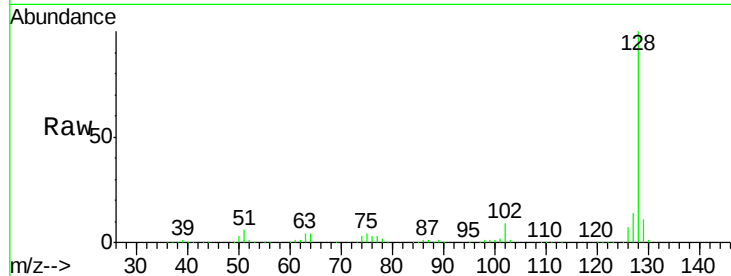




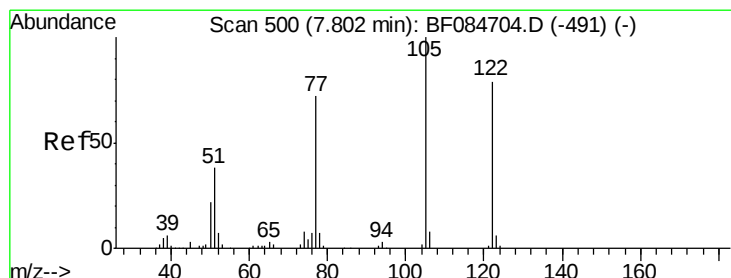
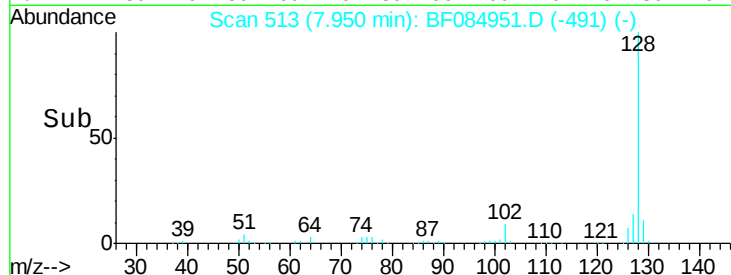
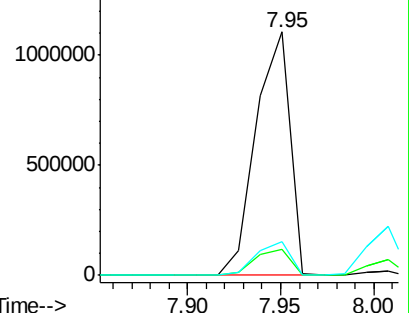
#31  
Naphthalene  
Concen: 41.65 ng  
RT: 7.95 min Scan# 513  
Delta R.T. -0.05 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Instrument :  
BNA\_F  
ClientSampleId :  
SB03-2-3MS

Tgt Ion:128 Resp: 1398764  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.1 13.7  
127 13.7 11.1 16.7

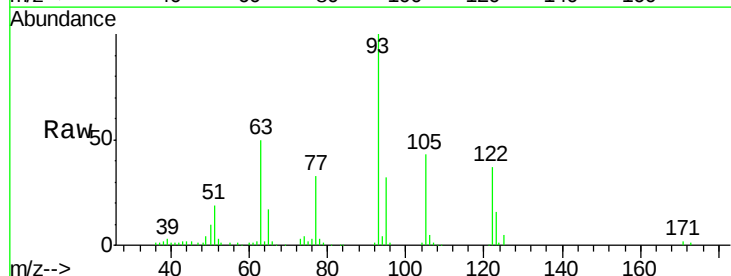


Abundance Ion 128.00 (127.70 to 128.70): E  
1500000 Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

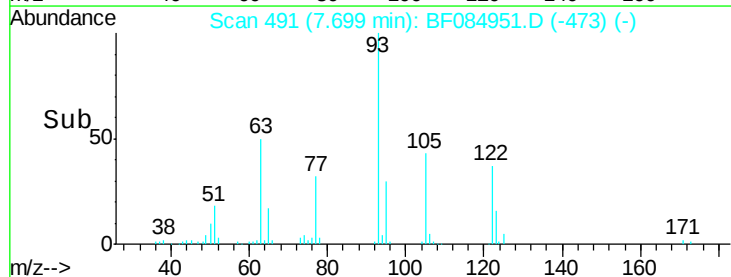
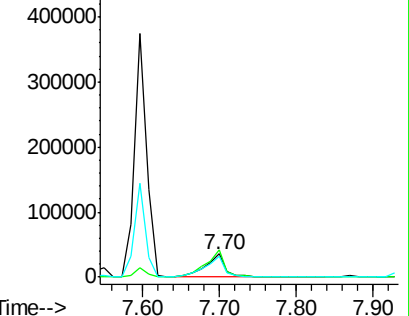


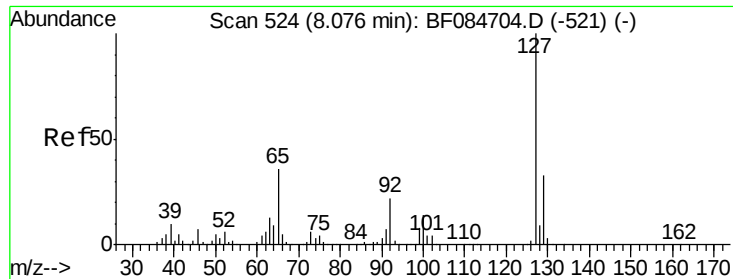
#32  
Benzoic acid  
Concen: 9.31 ng  
RT: 7.70 min Scan# 491  
Delta R.T. -0.09 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Tgt Ion:122 Resp: 65044  
Ion Ratio Lower Upper  
122 100  
105 118.2 100.3 140.3  
77 89.8 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E  
500000 Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0

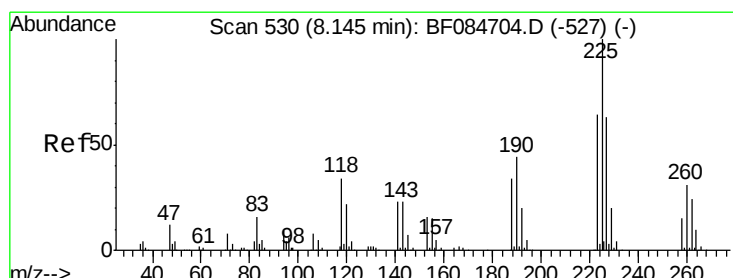
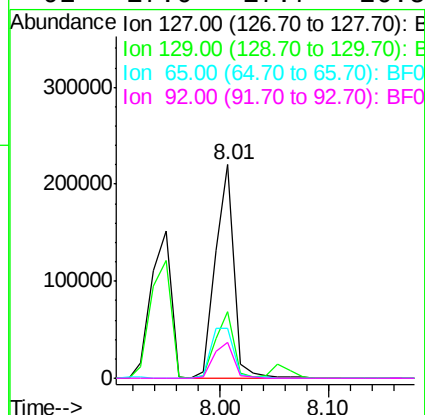
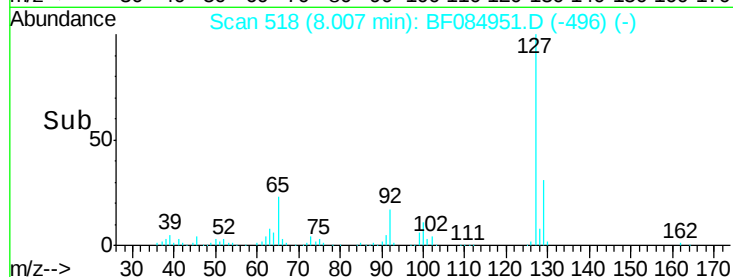
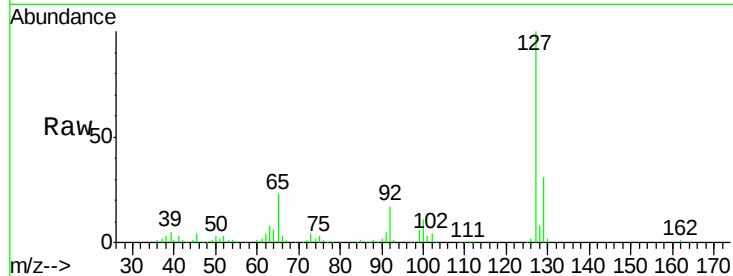




#33  
4-Chloroaniline  
Concen: 18.97 ng  
RT: 8.01 min Scan# 518  
Delta R.T. -0.05 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

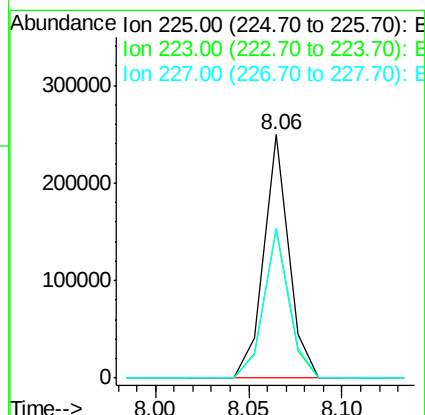
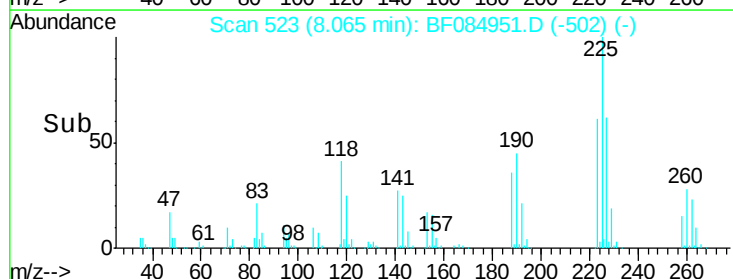
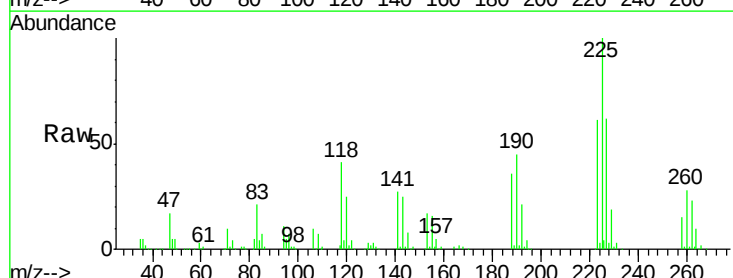
Instrument :  
BNA\_F  
ClientSampleId :  
SB03-2-3MS

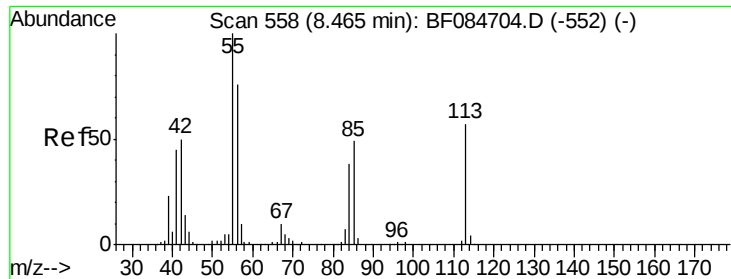
Tgt Ion:127 Resp: 263508  
Ion Ratio Lower Upper  
127 100  
129 31.4 26.5 39.7  
65 23.2 27.2 40.8#  
92 17.0 17.7 26.5#



#34  
Hexachlorobutadiene  
Concen: 38.01 ng  
RT: 8.06 min Scan# 523  
Delta R.T. -0.06 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Tgt Ion:225 Resp: 231268  
Ion Ratio Lower Upper  
225 100  
223 61.4 49.4 74.0  
227 61.6 50.8 76.2

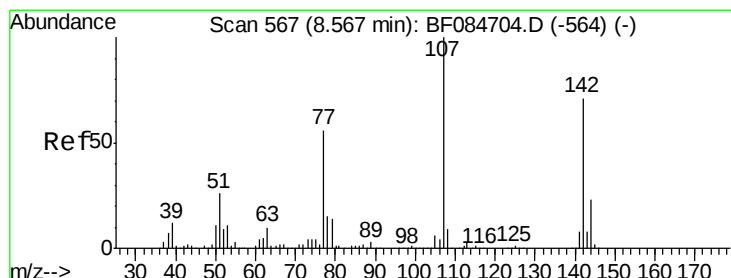
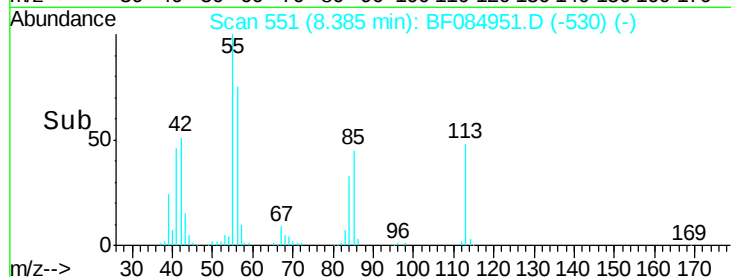
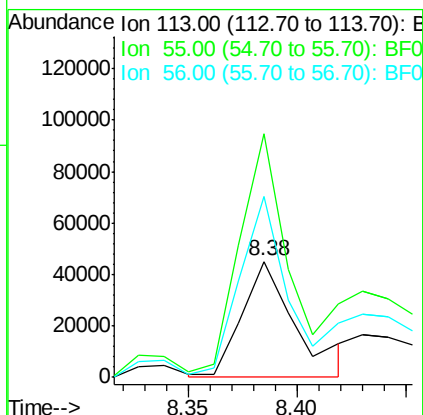
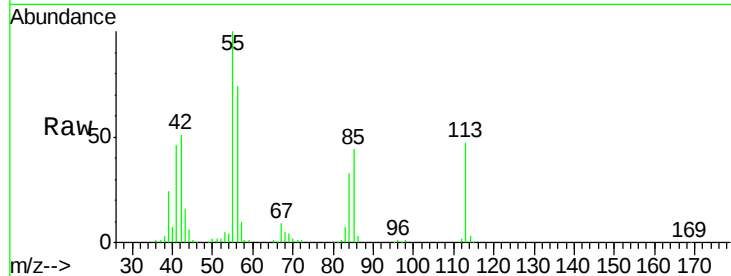




#35  
 Caprolactam  
 Concen: 26.71 ng  
 RT: 8.38 min Scan# 551  
 Delta R.T. -0.06 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

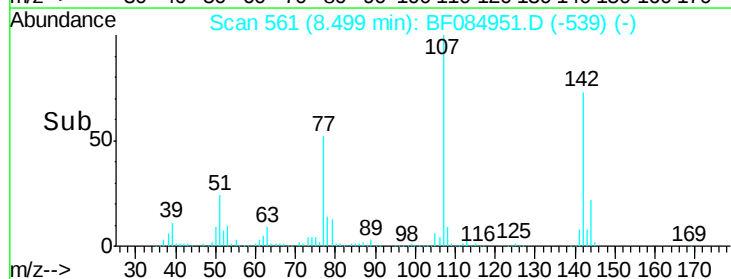
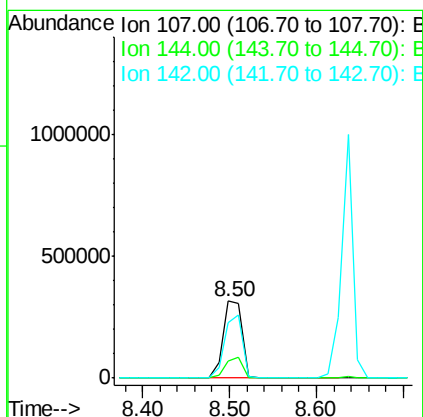
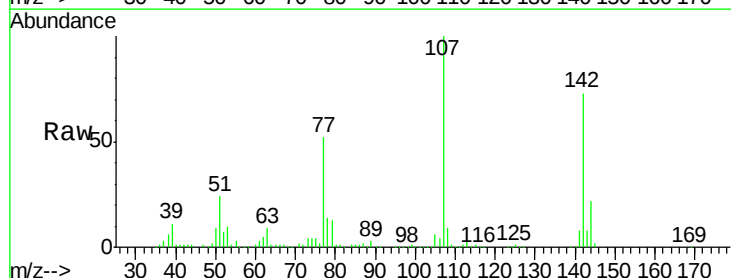
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB03-2-3MS

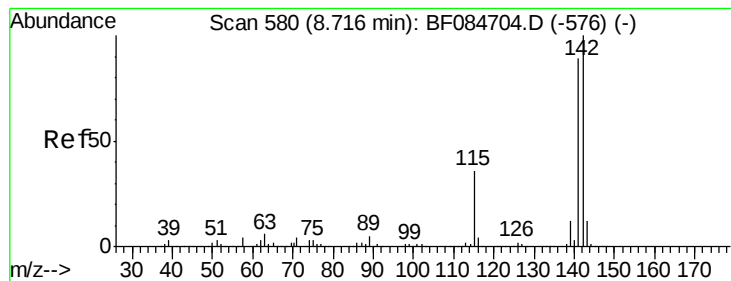
Tgt Ion:113 Resp: 76919  
 Ion Ratio Lower Upper  
 113 100  
 55 210.6 116.9 156.9#  
 56 156.8 93.8 133.8#



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.05 ng  
 RT: 8.50 min Scan# 561  
 Delta R.T. -0.05 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Tgt Ion:107 Resp: 480111  
 Ion Ratio Lower Upper  
 107 100  
 144 22.5 19.7 29.5  
 142 72.6 61.8 92.6





#37

2-Methylnaphthalene

Concen: 43.80 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA\_F

ClientSampleId :

SB03-2-3MS

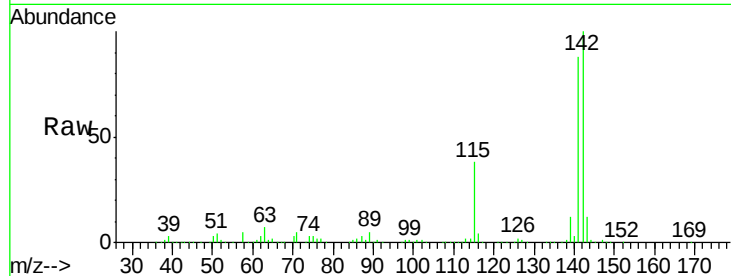
Tgt Ion:142 Resp: 920654

Ion Ratio Lower Upper

142 100

141 87.7 72.4 108.6

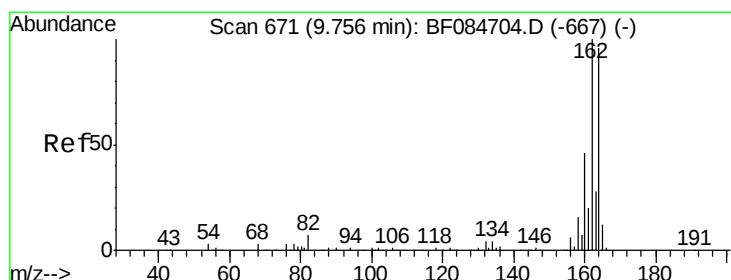
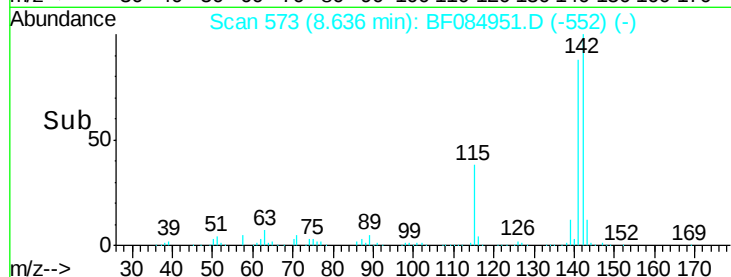
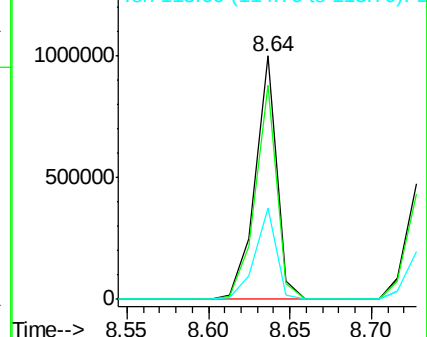
115 37.7 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

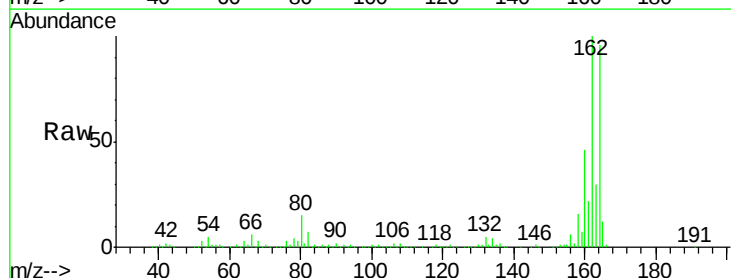
Tgt Ion:164 Resp: 316579

Ion Ratio Lower Upper

164 100

162 103.7 85.1 127.7

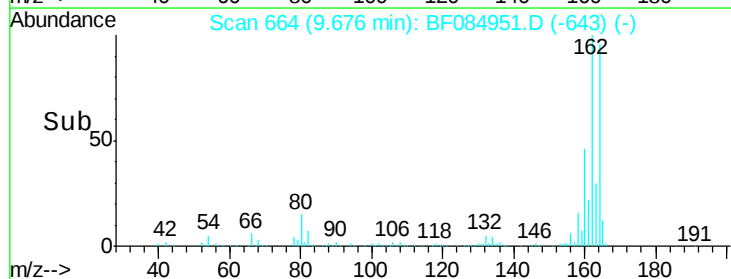
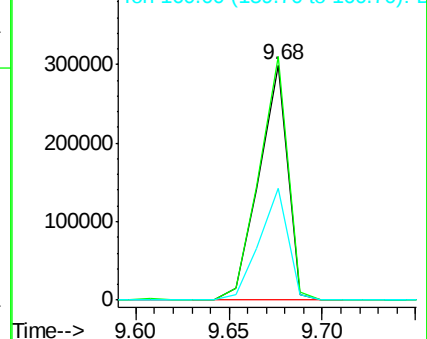
160 47.5 37.5 56.3

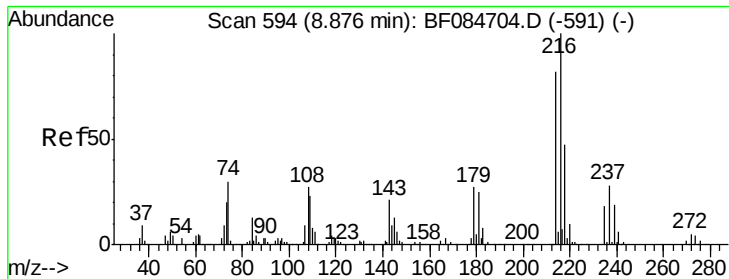


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

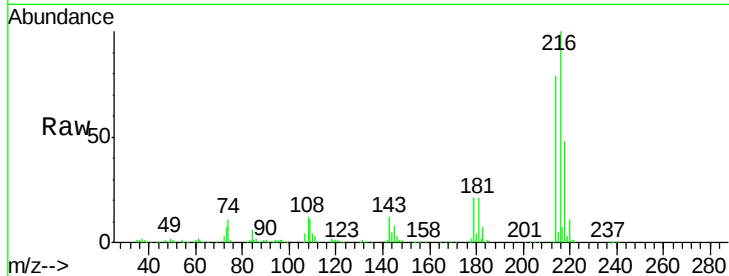




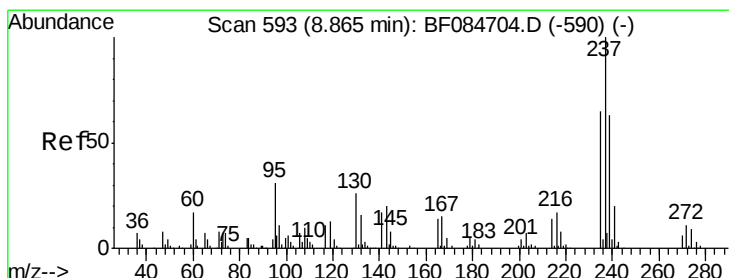
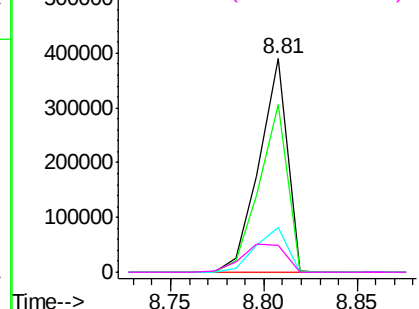
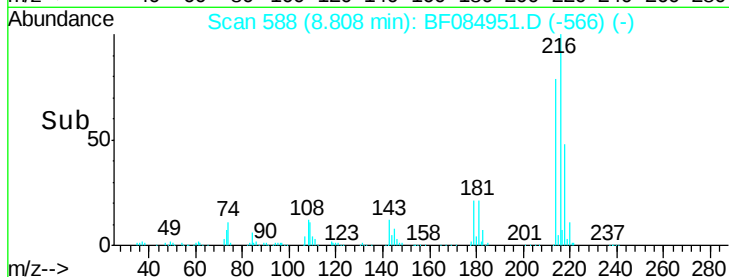
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.57 ng  
 RT: 8.81 min Scan# 588  
 Delta R.T. -0.05 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB03-2-3MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 407891 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.1  | 64.2  | 96.2   |
| 179      | 23.4  | 18.7  | 28.1   |
| 108      | 20.3  | 16.8  | 25.2   |

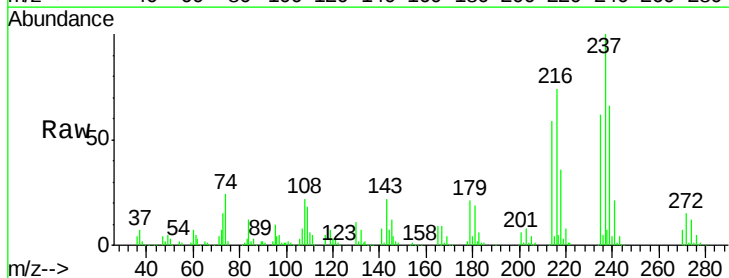


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

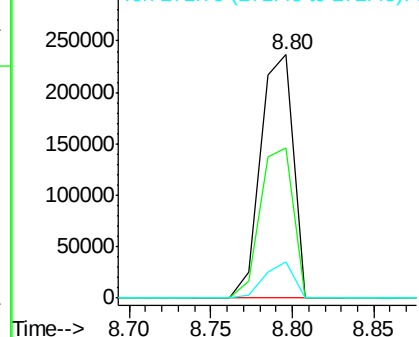
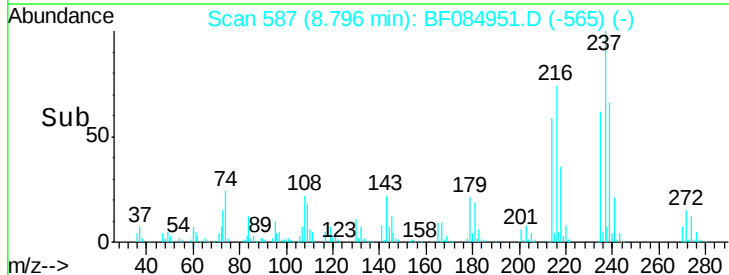


#40  
 Hexachlorocyclopentadiene  
 Concen: 75.72 ng  
 RT: 8.80 min Scan# 587  
 Delta R.T. -0.05 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 328742 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 61.7  | 43.1  | 83.1   |
| 272      | 15.0  | 0.0   | 35.1   |



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

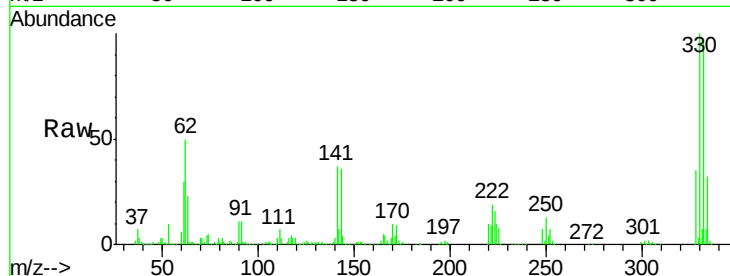




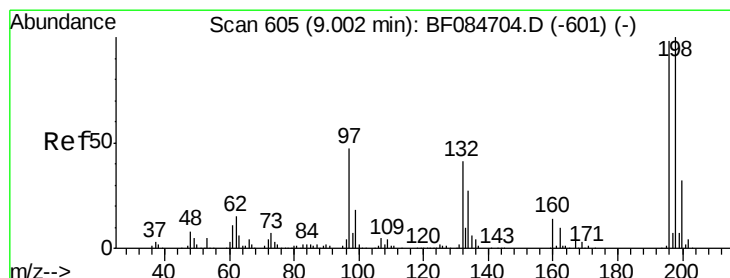
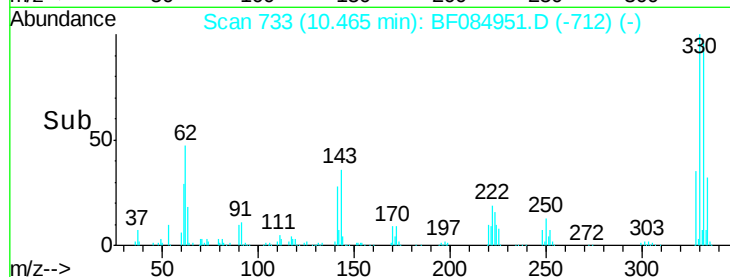
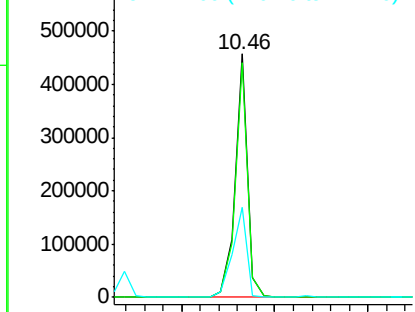
#41  
 2,4,6-Tribromophenol  
 Concen: 129.78 ng  
 RT: 10.46 min Scan# 733  
 Delta R.T. -0.06 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB03-2-3MS

Tgt Ion:330 Resp: 428555  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 76.6 114.8  
 141 42.1 27.8 41.6#

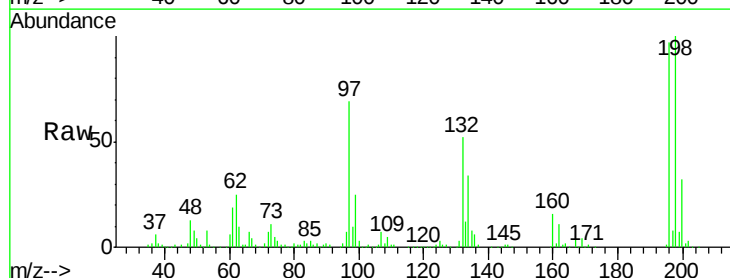


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

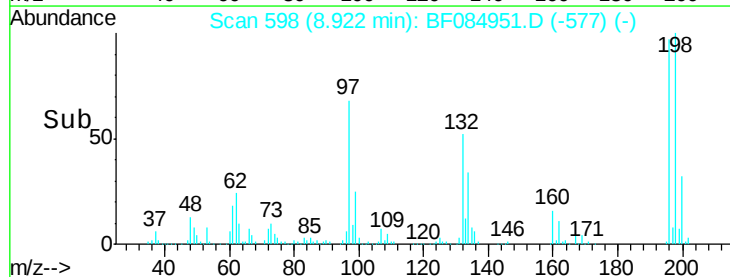
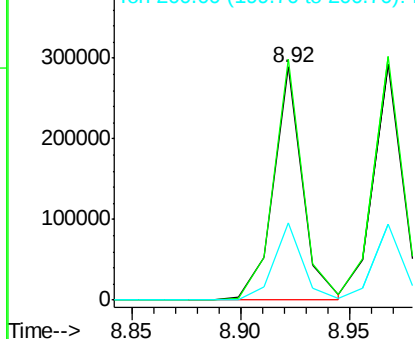


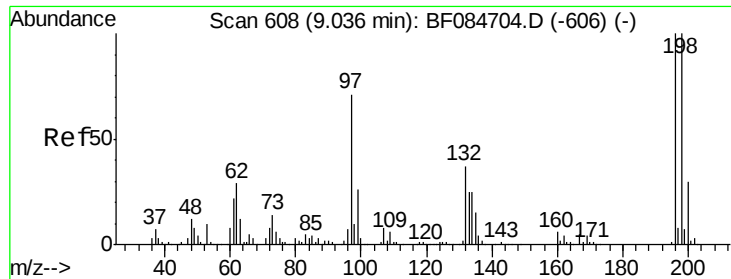
#42  
 2,4,6-Trichlorophenol  
 Concen: 41.78 ng  
 RT: 8.92 min Scan# 598  
 Delta R.T. -0.06 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Tgt Ion:196 Resp: 270636  
 Ion Ratio Lower Upper  
 196 100  
 198 103.6 77.7 116.5  
 200 33.4 24.6 37.0



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

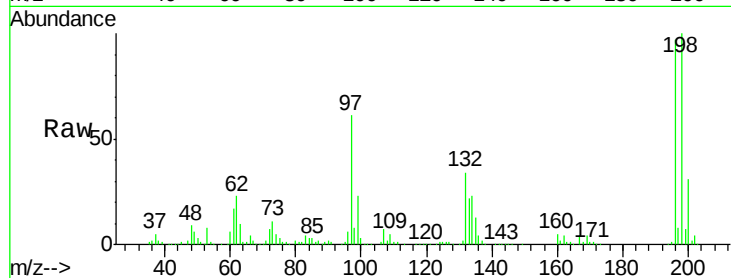




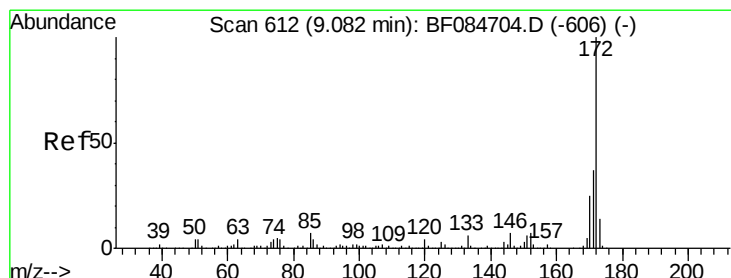
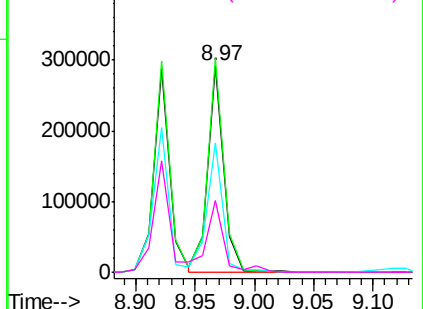
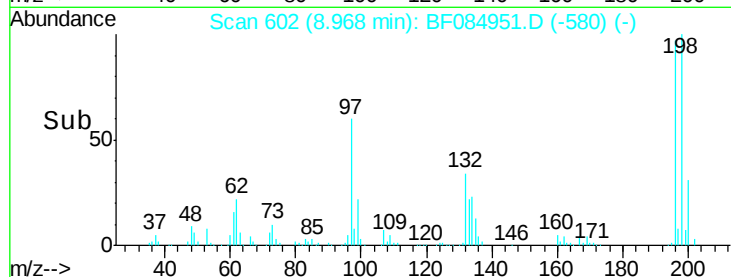
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.67 ng  
 RT: 8.97 min Scan# 602  
 Delta R.T. -0.05 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB03-2-3MS

Tgt Ion:196 Resp: 274263  
 Ion Ratio Lower Upper  
 196 100  
 198 103.4 79.0 118.6  
 97 62.6 33.0 49.6#  
 132 34.9 21.1 31.7#

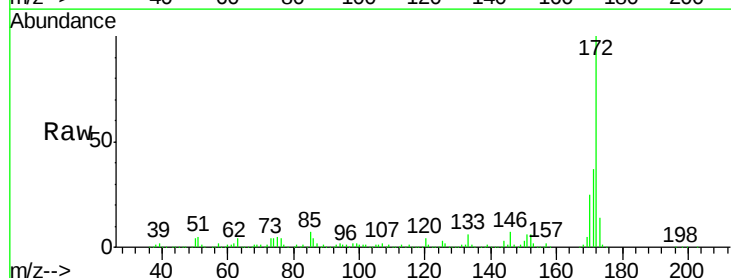


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

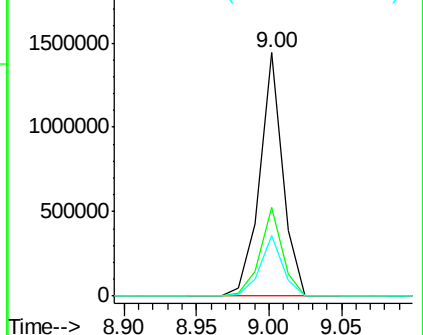
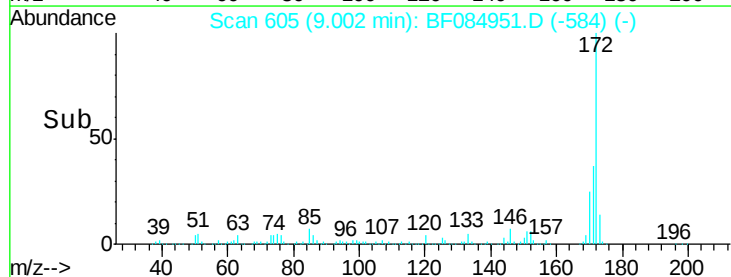


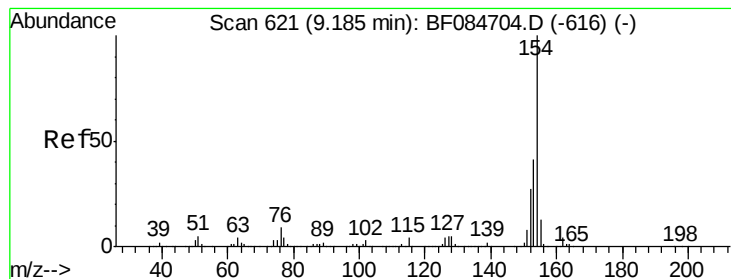
#44  
 2-Fluorobiphenyl  
 Concen: 83.70 ng  
 RT: 9.00 min Scan# 605  
 Delta R.T. -0.06 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Tgt Ion:172 Resp: 1581779  
 Ion Ratio Lower Upper  
 172 100  
 171 36.6 28.9 43.3  
 170 24.9 18.6 27.8



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: 42.26 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA\_F

ClientSampleId :

SB03-2-3MS

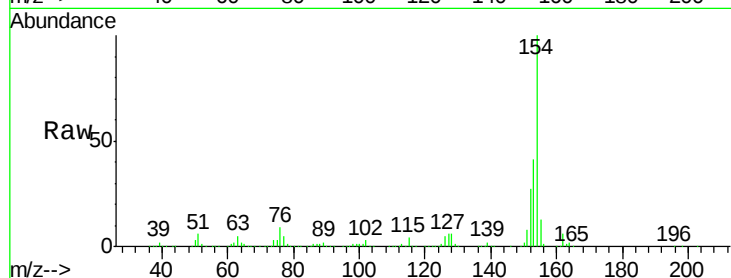
Tgt Ion:154 Resp: 1194948

Ion Ratio Lower Upper

154 100

153 41.0 21.6 61.6

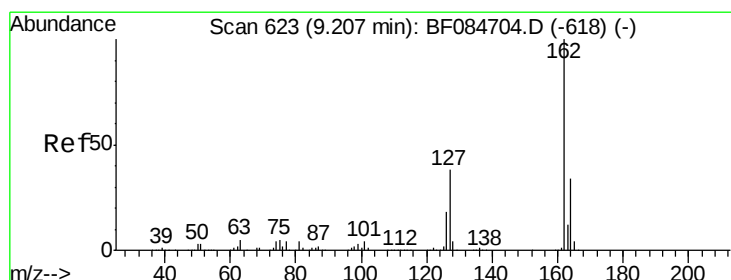
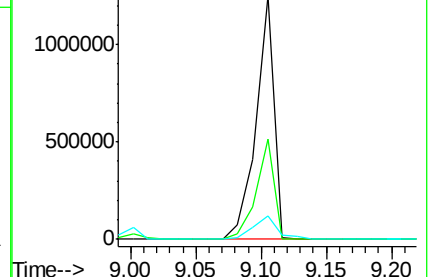
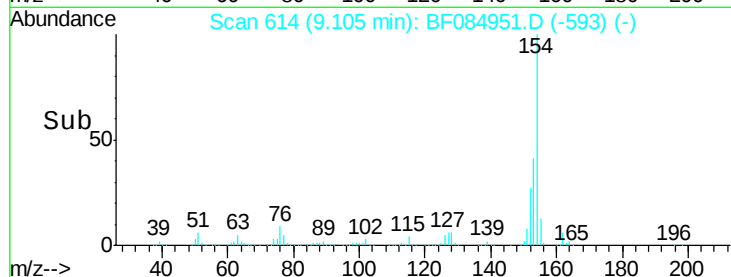
76 9.5 0.0 32.7



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: 42.16 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

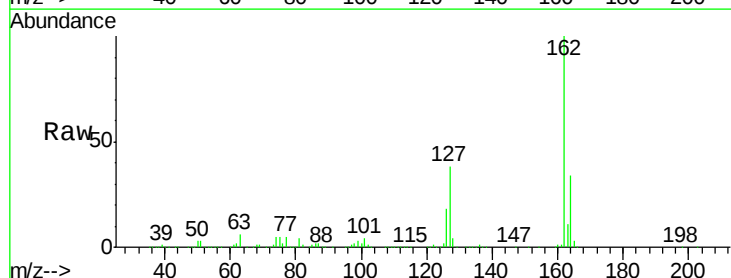
Tgt Ion:162 Resp: 877828

Ion Ratio Lower Upper

162 100

127 38.5 40.2 60.4#

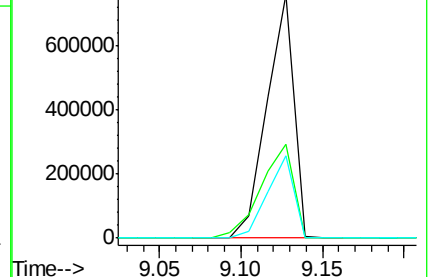
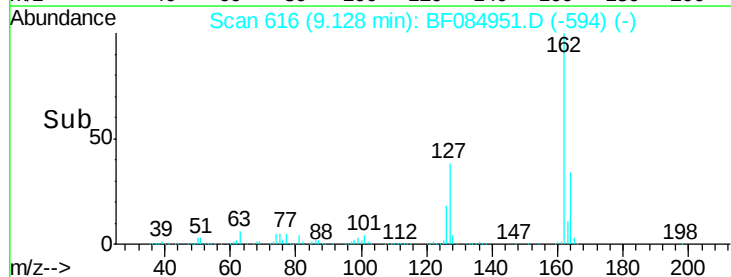
164 33.8 25.7 38.5

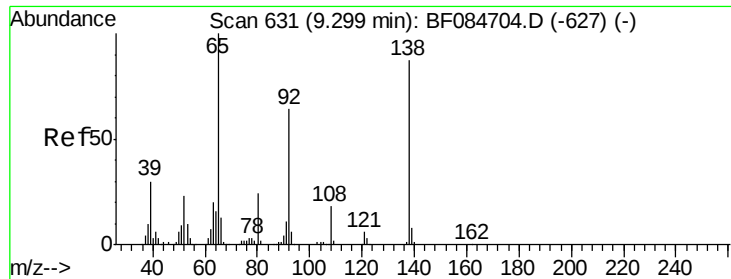


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

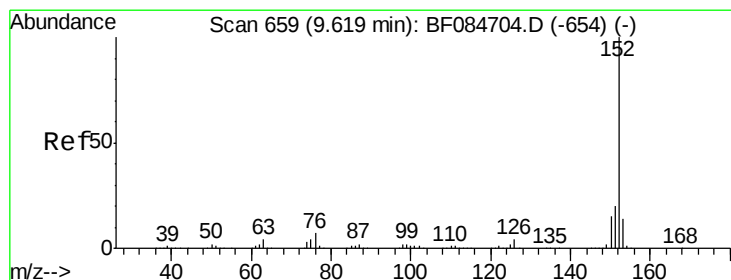
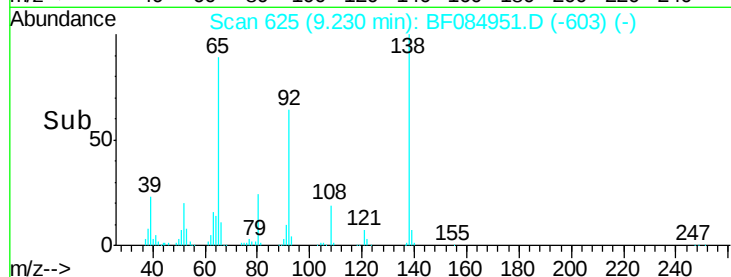
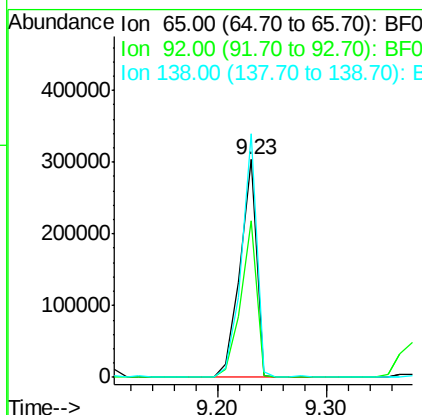
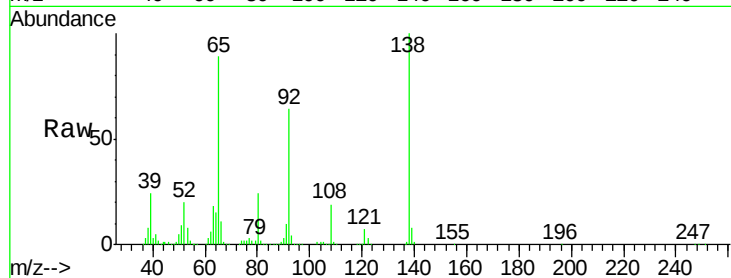




#47  
2-Nitroaniline  
Concen: 47.80 ng  
RT: 9.23 min Scan# 625  
Delta R.T. -0.05 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

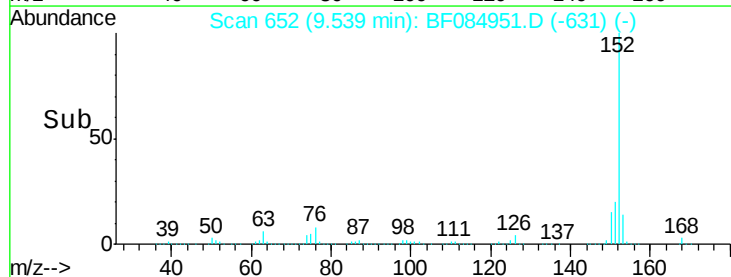
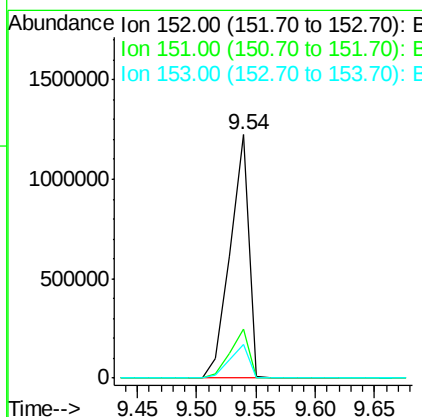
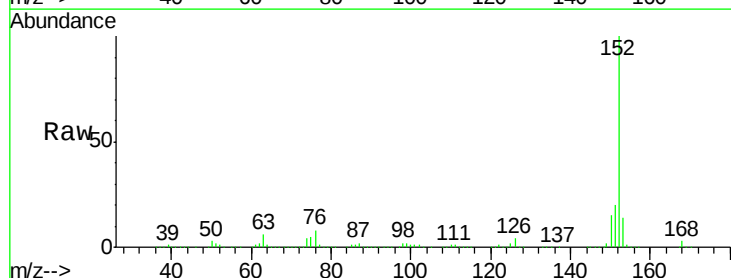
Instrument :  
BNA\_F  
ClientSampleId :  
SB03-2-3MS

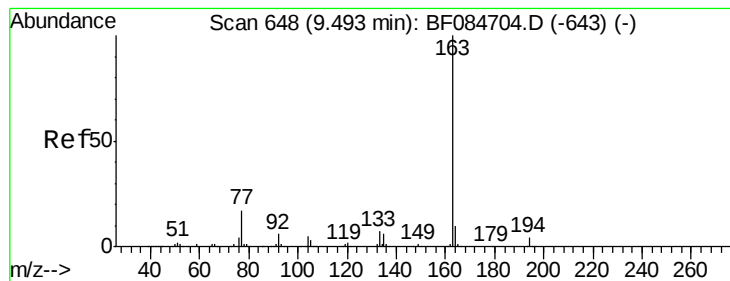
Tgt Ion: 65 Resp: 315169  
Ion Ratio Lower Upper  
65 100  
92 71.7 53.4 80.2  
138 111.9 71.1 106.7#



#48  
Acenaphthylene  
Concen: 42.38 ng  
RT: 9.54 min Scan# 652  
Delta R.T. -0.06 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Tgt Ion: 152 Resp: 1339101  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.3 24.5  
153 13.8 10.4 15.6





#49

Dimethylphthalate

Concen: 49.31 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA\_F

ClientSampleId :

SB03-2-3MS

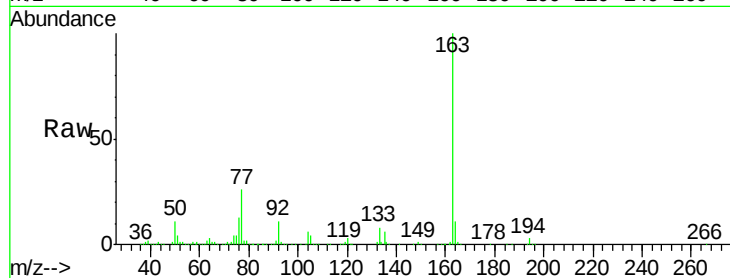
Tgt Ion:163 Resp: 1189046

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

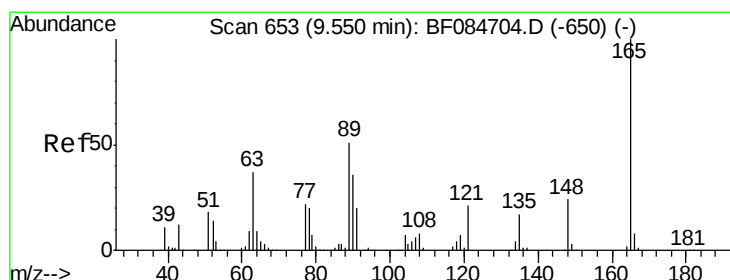
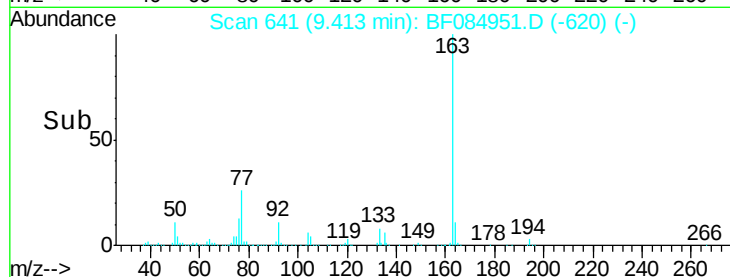
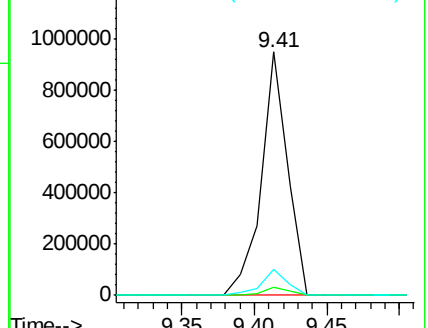
164 10.8 8.0 12.0



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: 38.66 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

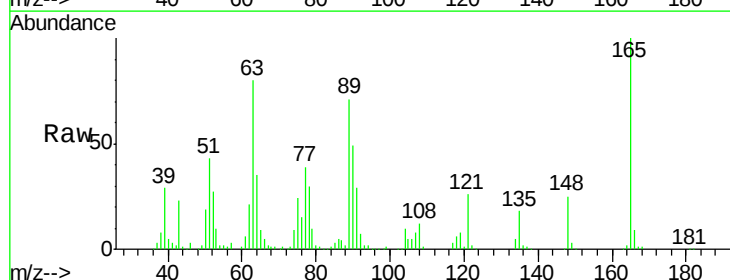
Tgt Ion:165 Resp: 203613

Ion Ratio Lower Upper

165 100

63 79.8 28.8 43.2#

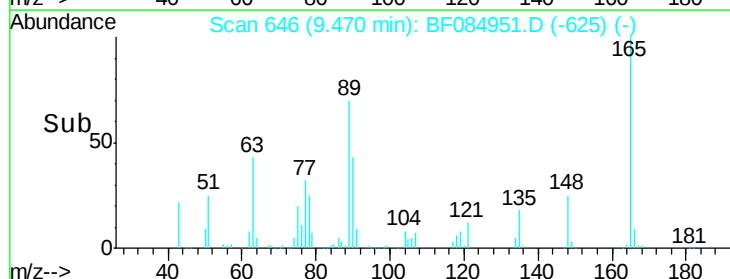
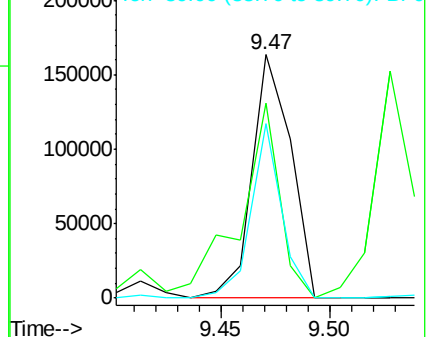
89 71.4 35.1 52.7#

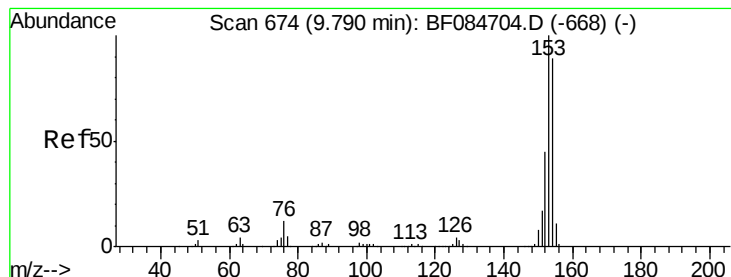


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.45 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA\_F

ClientSampleId :

SB03-2-3MS

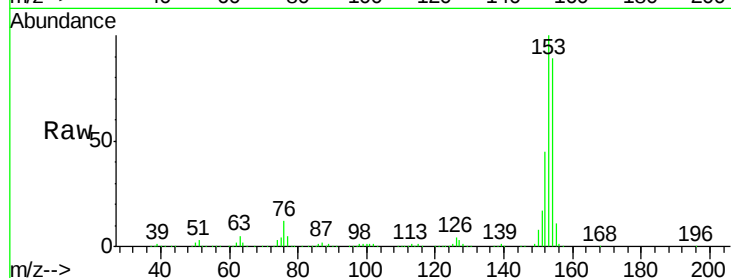
Tgt Ion:154 Resp: 852169

Ion Ratio Lower Upper

154 100

153 112.6 91.5 137.3

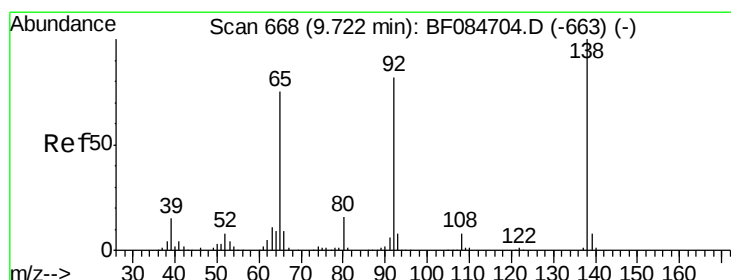
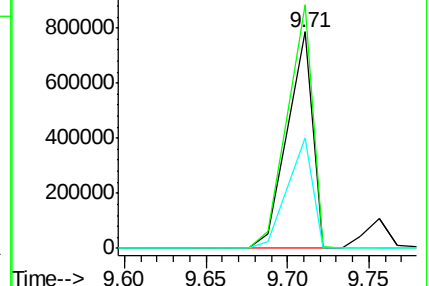
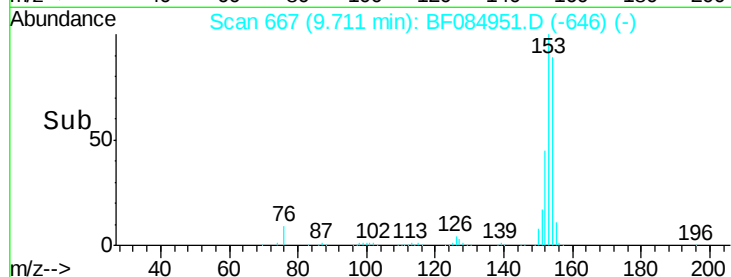
152 51.1 43.0 64.6



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: 31.13 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

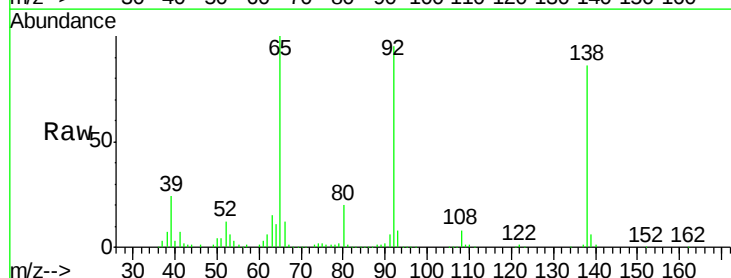
Tgt Ion:138 Resp: 184288

Ion Ratio Lower Upper

138 100

108 9.9 10.5 15.7#

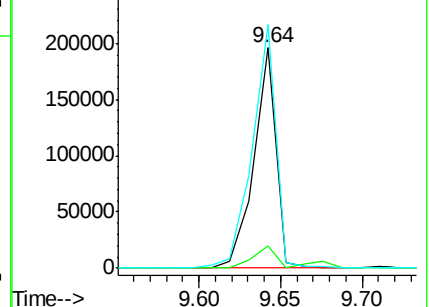
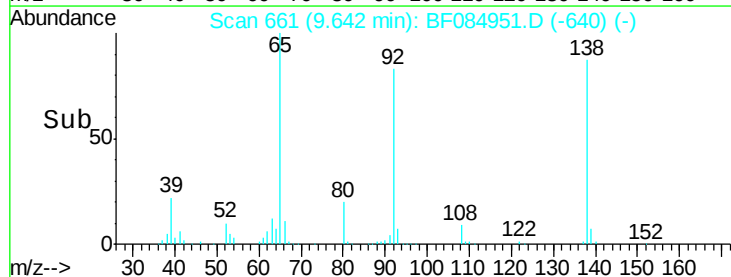
92 110.6 103.9 155.9

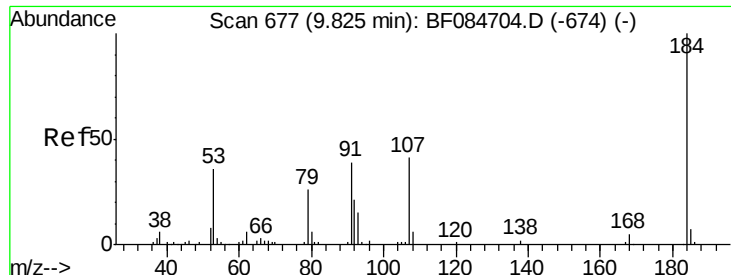


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

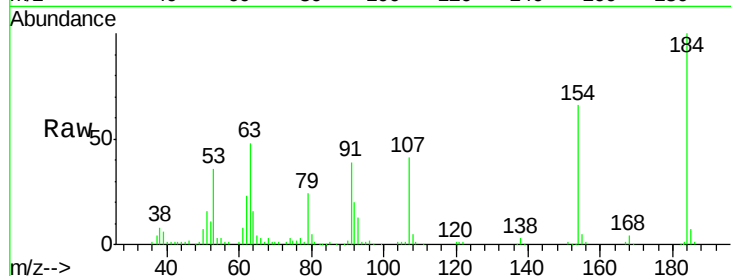




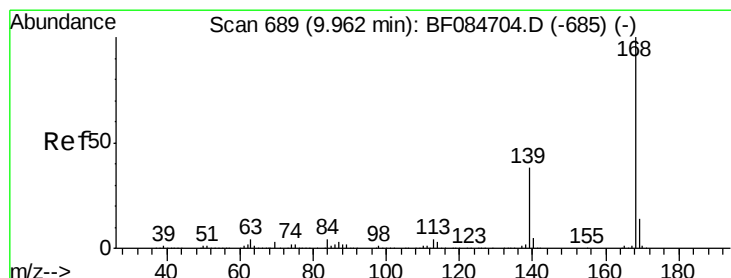
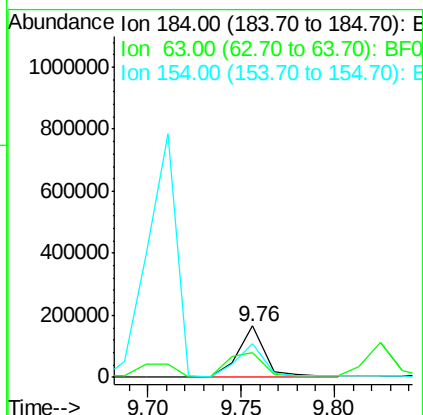
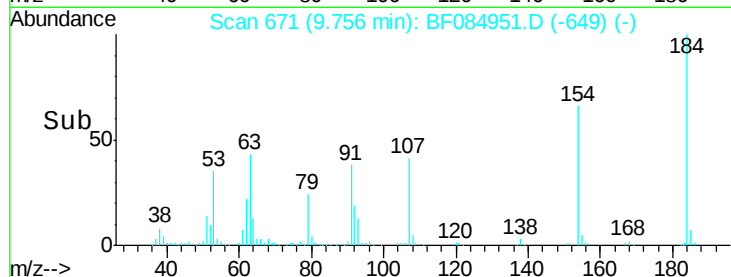
#53  
2,4-Dinitrophenol  
Concen: 71.85 ng  
RT: 9.76 min Scan# 671  
Delta R.T. -0.05 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Instrument :  
BNA\_F  
ClientSampleId :  
SB03-2-3MS

Tgt Ion:184 Resp: 173139  
Ion Ratio Lower Upper  
184 100  
63 47.7 43.1 64.7  
154 66.2 60.5 90.7

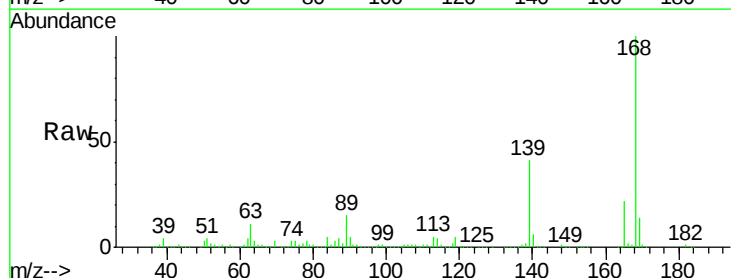


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

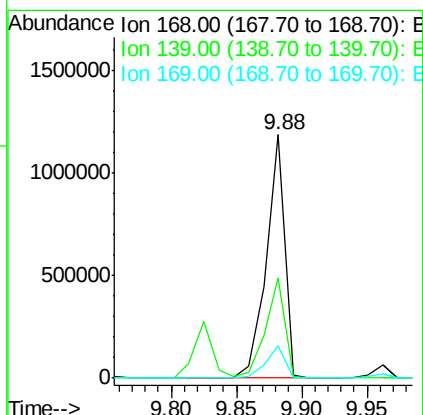
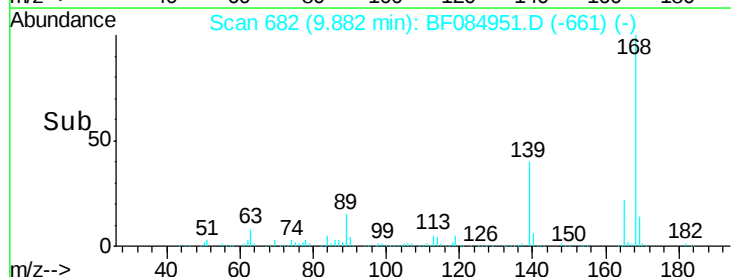


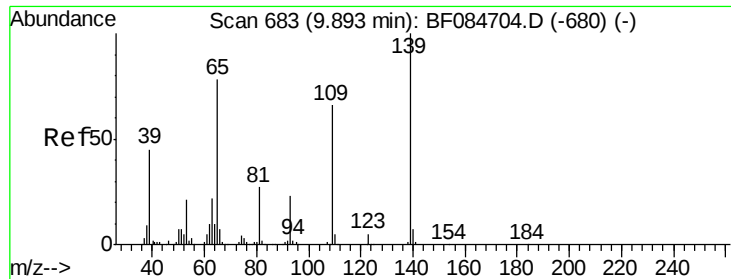
#54  
Dibenzofuran  
Concen: 46.65 ng  
RT: 9.88 min Scan# 682  
Delta R.T. -0.06 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Tgt Ion:168 Resp: 1172066  
Ion Ratio Lower Upper  
168 100  
139 40.9 30.5 45.7  
169 13.5 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 62.83 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA\_F

ClientSampleId :

SB03-2-3MS

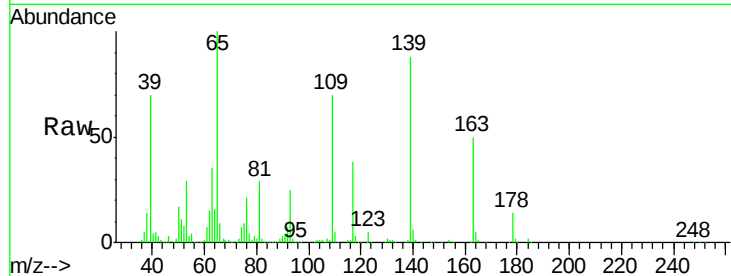
Tgt Ion:139 Resp: 273317

Ion Ratio Lower Upper

139 100

109 79.4 58.5 98.5

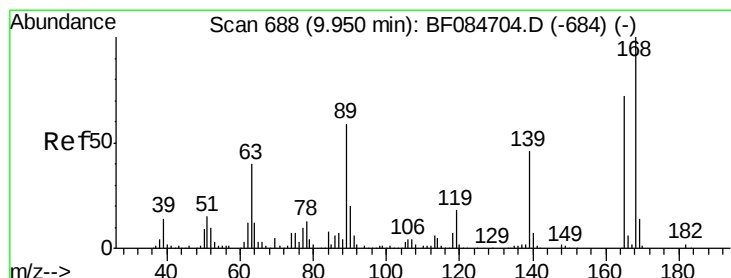
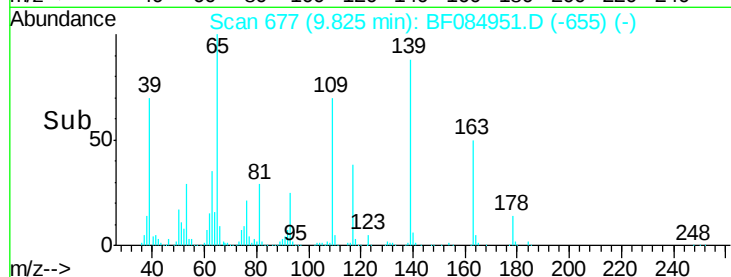
65 113.4 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.99 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tgt Ion:165 Resp: 302280

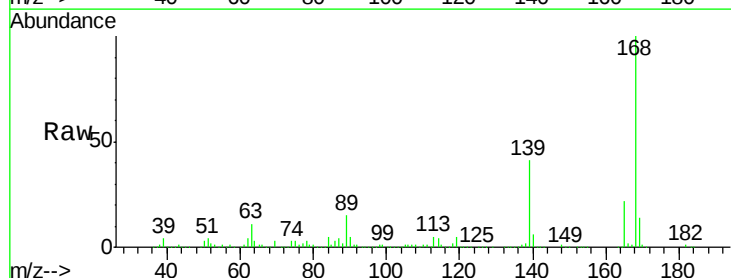
Ion Ratio Lower Upper

165 100

63 50.4 36.7 55.1

89 68.2 61.9 92.9

182 2.3 2.0 3.0

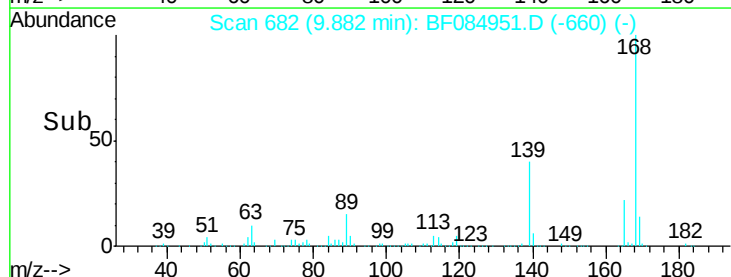


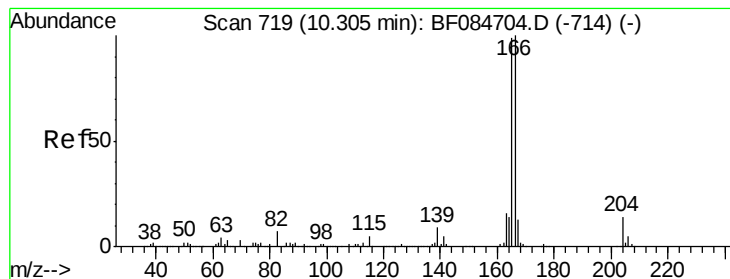
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.30 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA\_F

ClientSampleId :

SB03-2-3MS

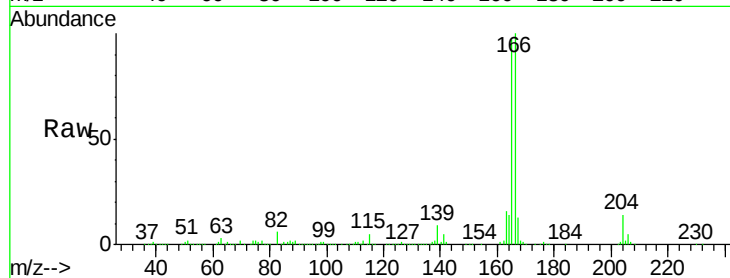
Tgt Ion:166 Resp: 908451

Ion Ratio Lower Upper

166 100

165 97.2 79.1 118.7

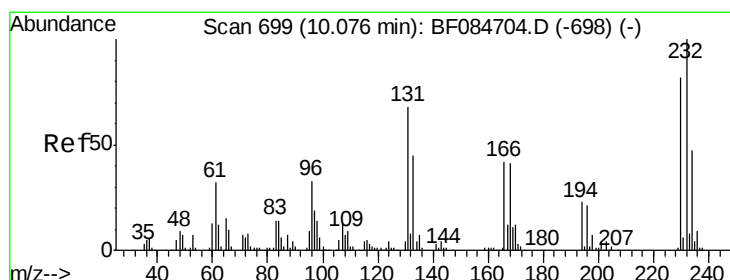
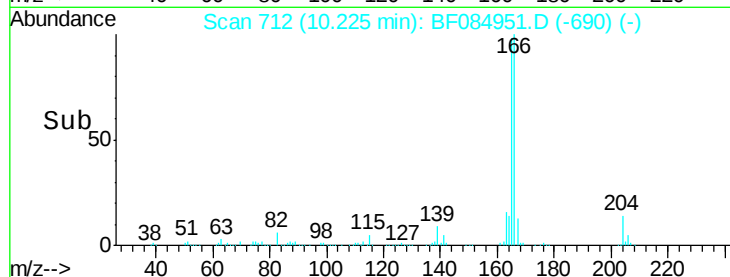
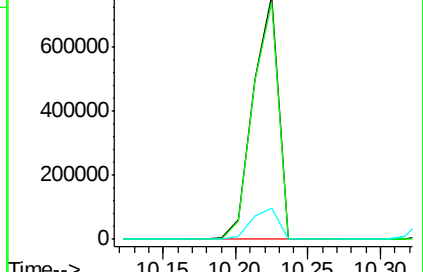
167 13.0 10.4 15.6



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: 45.11 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tgt Ion:232 Resp: 226013

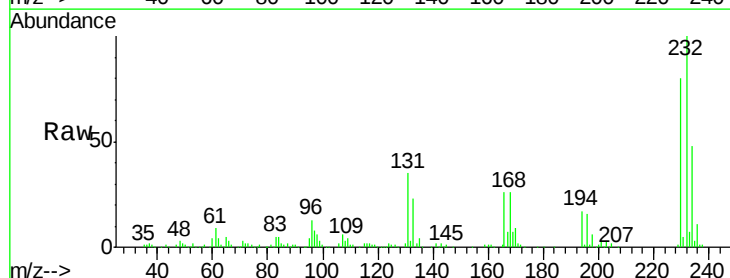
Ion Ratio Lower Upper

232 100

131 50.1 47.0 70.6

130 2.3 2.0 3.0

166 31.1 30.5 45.7

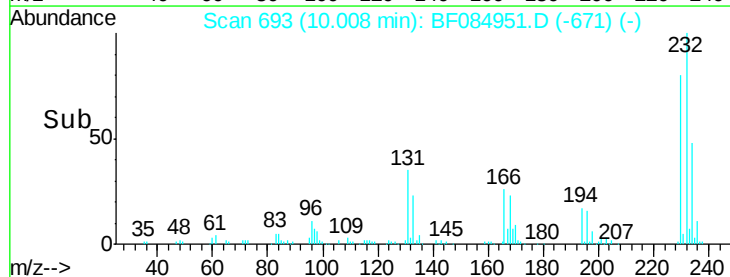
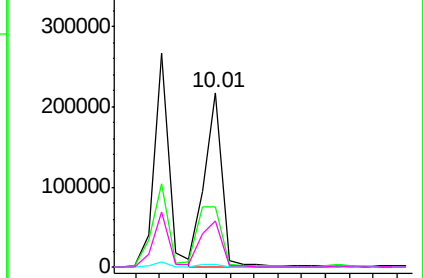


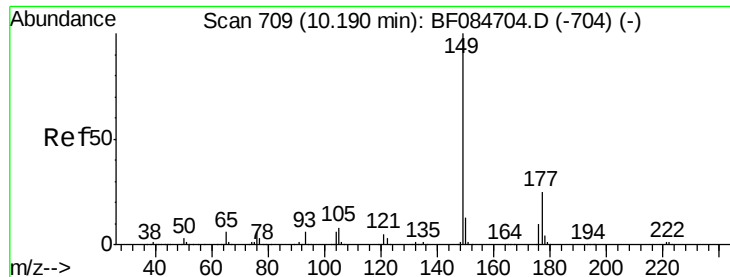
Abundance Ion 232.00 (231.70 to 232.70): E

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

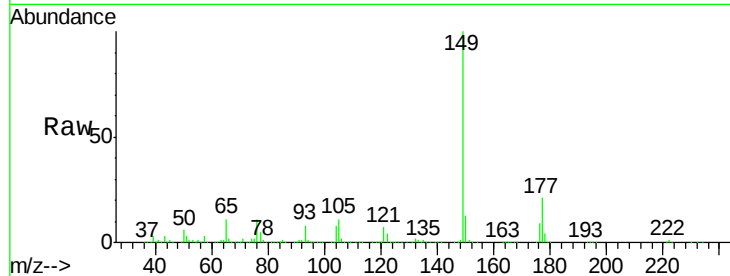




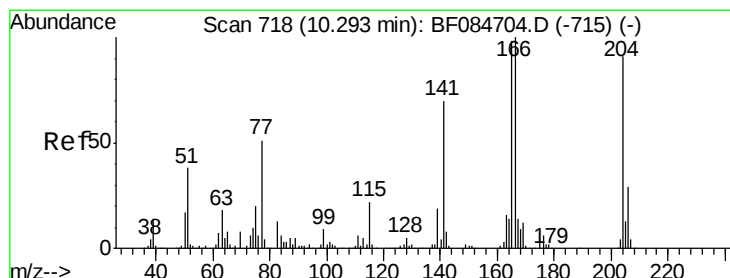
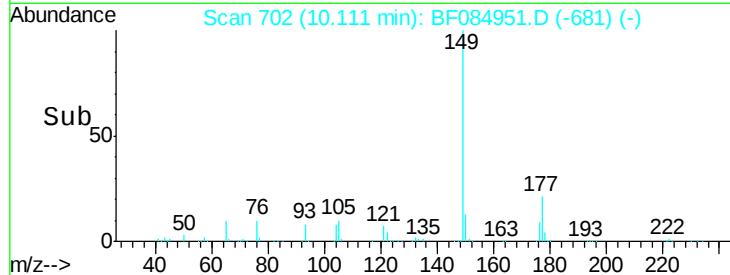
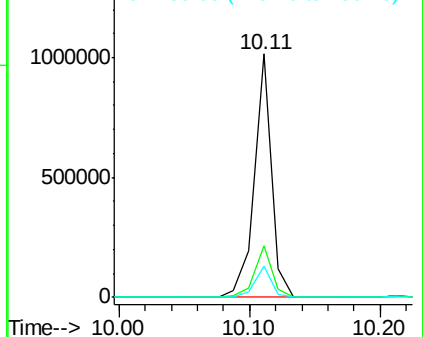
#59  
Diethylphthalate  
Concen: 39.61 ng  
RT: 10.11 min Scan# 702  
Delta R.T. -0.06 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Instrument :  
BNA\_F  
ClientSampleId :  
SB03-2-3MS

Tgt Ion:149 Resp: 932614  
Ion Ratio Lower Upper  
149 100  
177 21.3 17.3 25.9  
150 12.8 9.8 14.8

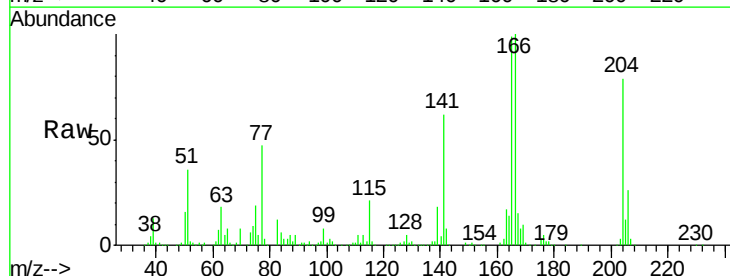


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

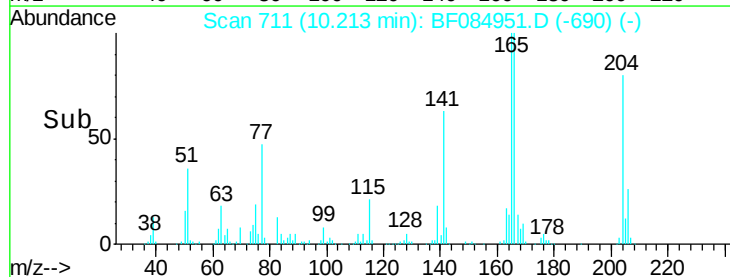
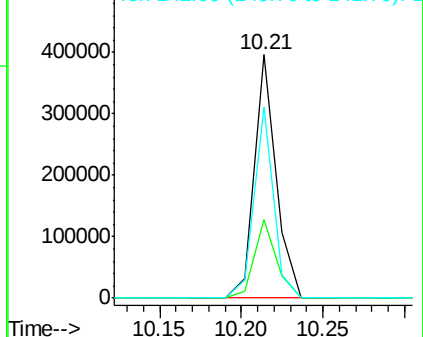


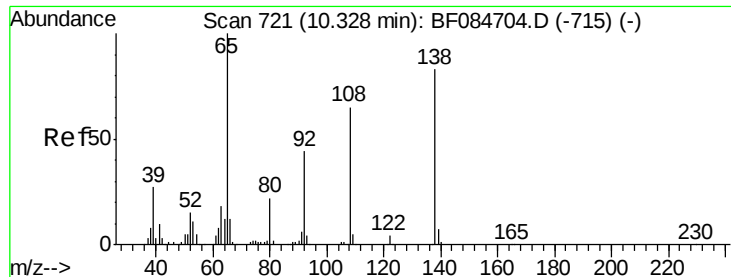
#60  
4-Chlorophenyl-phenylether  
Concen: 41.15 ng  
RT: 10.21 min Scan# 711  
Delta R.T. -0.06 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Tgt Ion:204 Resp: 368227  
Ion Ratio Lower Upper  
204 100  
206 32.5 25.7 38.5  
141 78.7 55.1 82.7



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

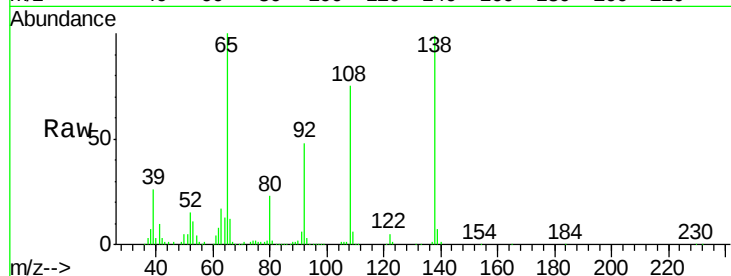




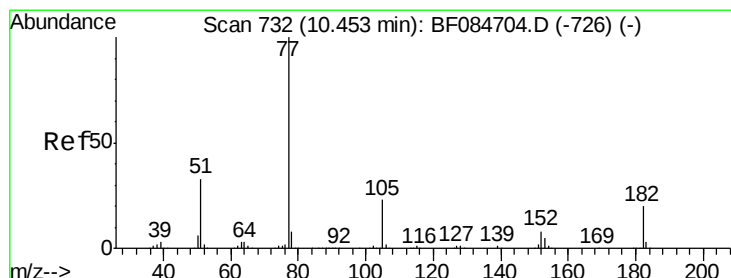
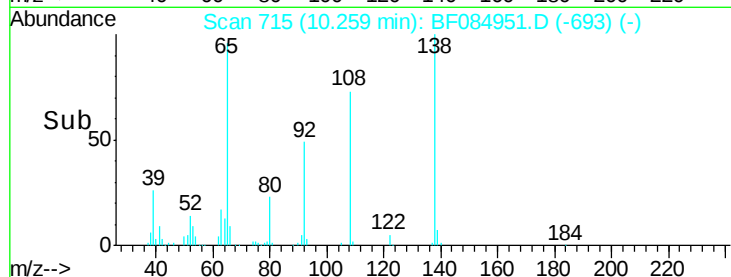
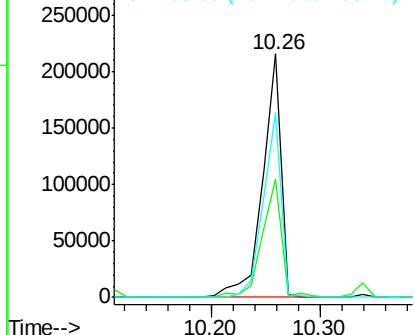
#61  
4-Nitroaniline  
Concen: 44.55 ng  
RT: 10.26 min Scan# 715  
Delta R.T. -0.05 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Instrument :  
BNA\_F  
ClientSampleId :  
SB03-2-3MS

Tgt Ion:138 Resp: 256978  
Ion Ratio Lower Upper  
138 100  
92 48.7 32.6 72.6  
108 76.1 68.6 108.6

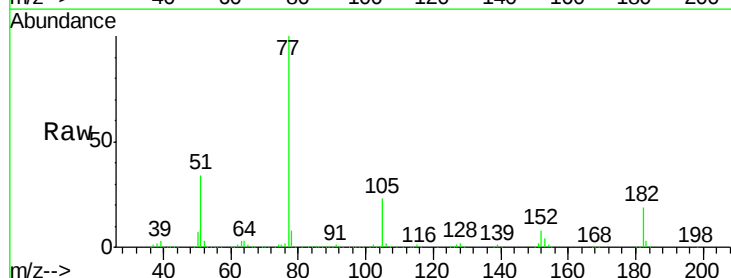


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

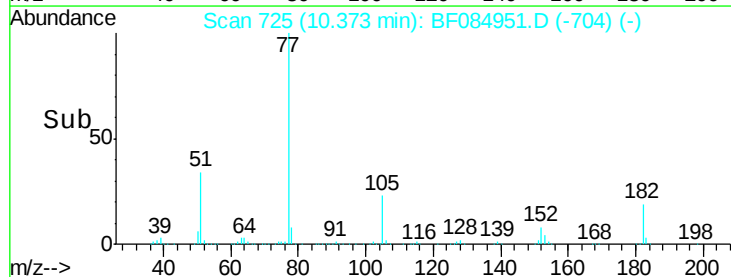
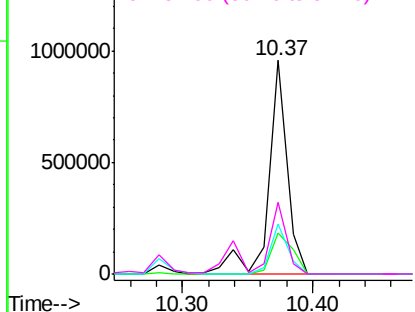


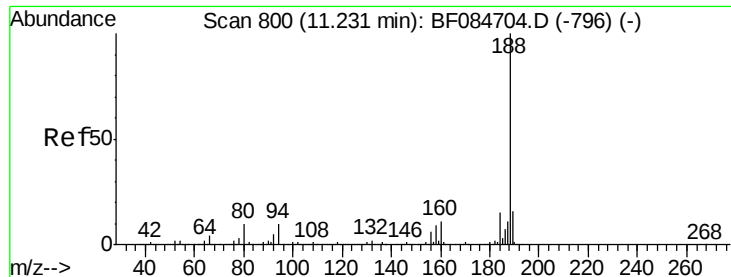
#62  
Azobenzene  
Concen: 42.76 ng  
RT: 10.37 min Scan# 725  
Delta R.T. -0.06 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Tgt Ion: 77 Resp: 967981  
Ion Ratio Lower Upper  
77 100  
182 19.5 8.3 48.3  
105 23.2 4.6 44.6  
51 33.6 6.2 46.2



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

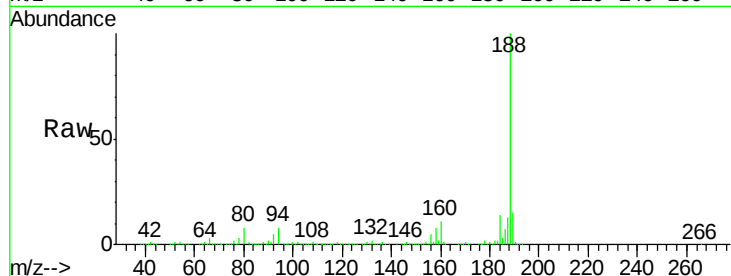




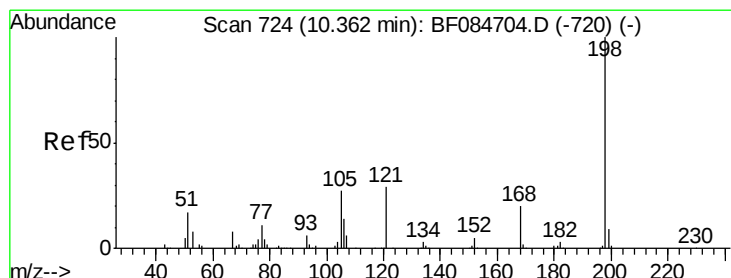
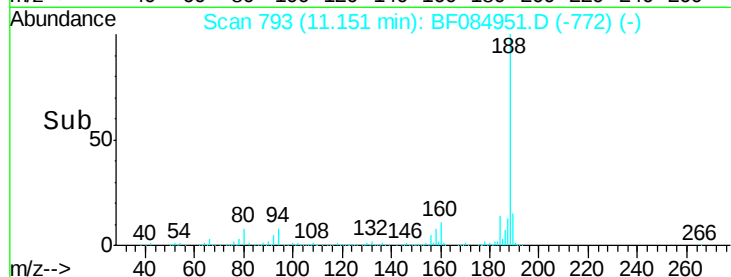
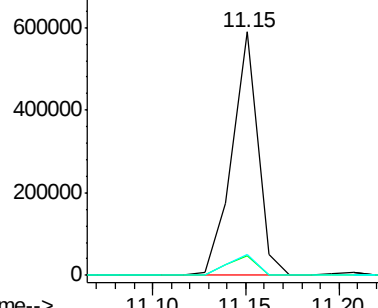
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.15 min Scan# 793  
Delta R.T. -0.06 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Instrument :  
BNA\_F  
ClientSampleId :  
SB03-2-3MS

Tgt Ion:188 Resp: 563923  
Ion Ratio Lower Upper  
188 100  
94 8.2 9.0 13.4#  
80 8.4 9.6 14.4#

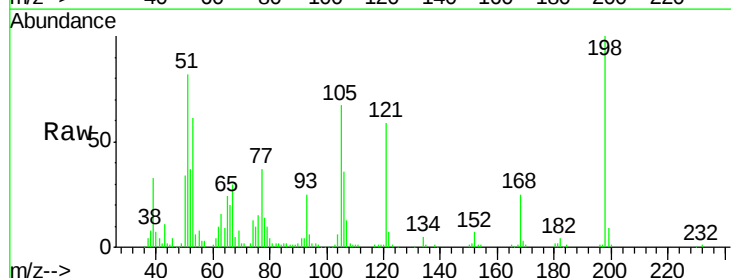


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

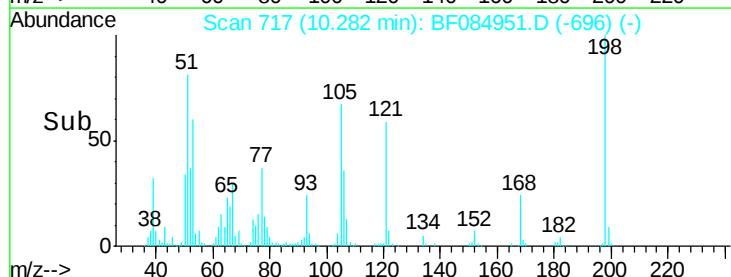
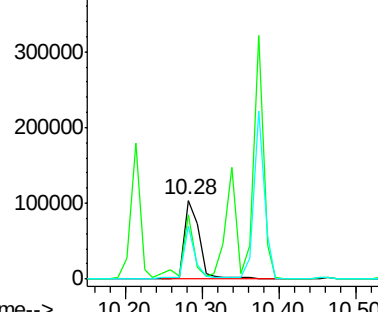


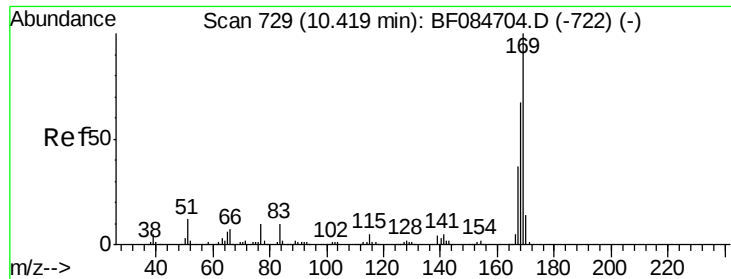
#64  
4,6-Dinitro-2-methylphenol  
Concen: 41.11 ng  
RT: 10.28 min Scan# 717  
Delta R.T. -0.06 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Tgt Ion:198 Resp: 143084  
Ion Ratio Lower Upper  
198 100  
51 81.5 18.9 58.9#  
105 67.0 26.4 66.4#



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





#65

n-Nitrosodiphenylamine

Concen: 42.73 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA\_F

ClientSampleId :

SB03-2-3MS

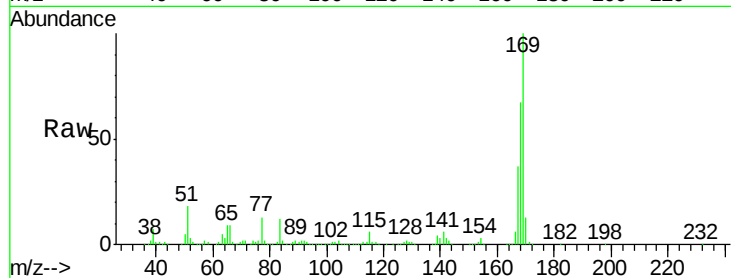
Tgt Ion:169 Resp: 765180

Ion Ratio Lower Upper

169 100

168 67.3 55.1 82.7

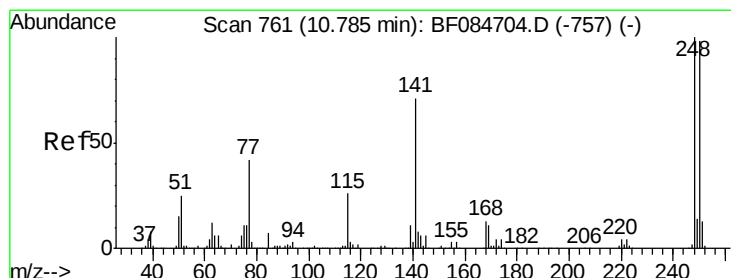
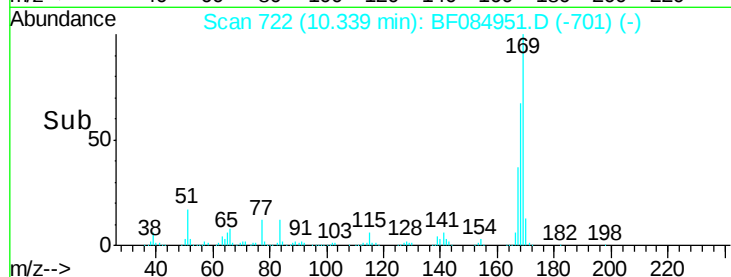
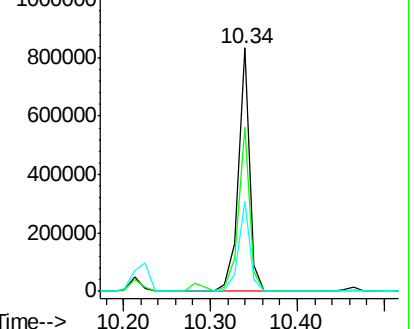
167 37.1 30.0 45.0



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: 44.17 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

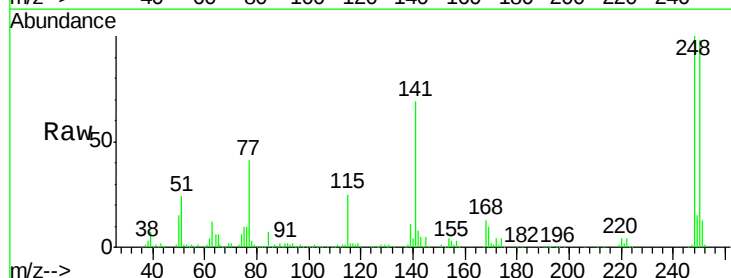
Tgt Ion:248 Resp: 275096

Ion Ratio Lower Upper

248 100

250 98.3 78.4 117.6

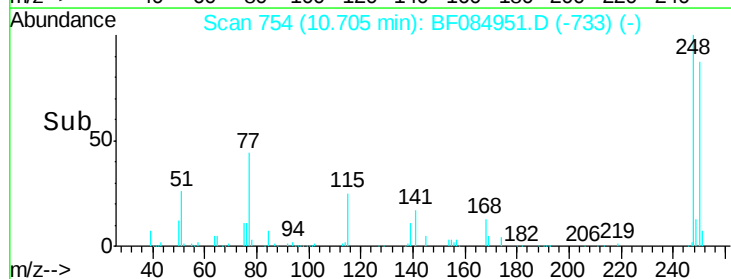
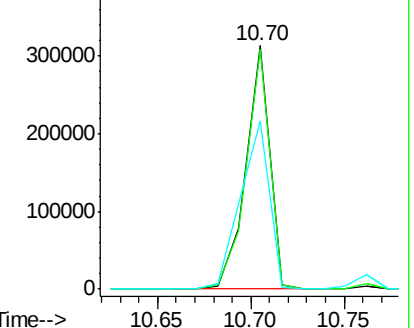
141 69.2 44.0 66.0#



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

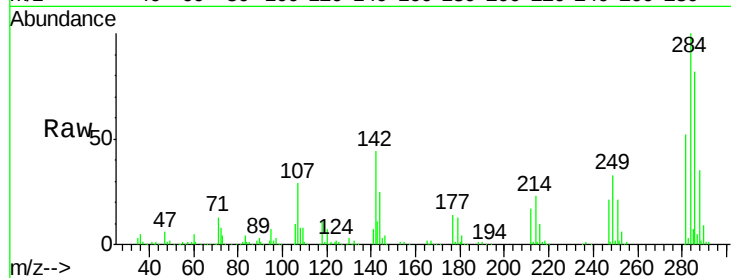




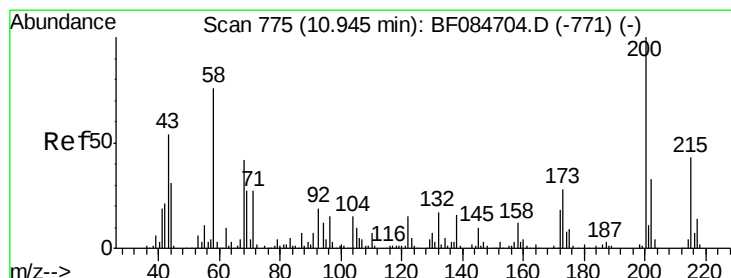
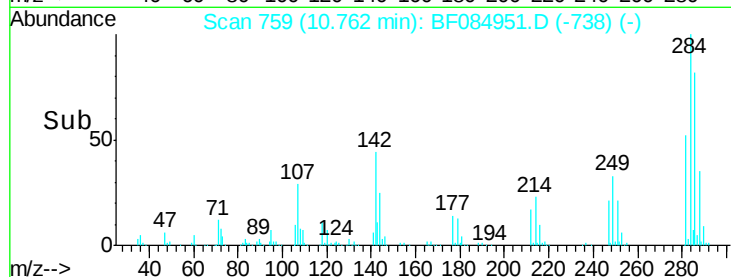
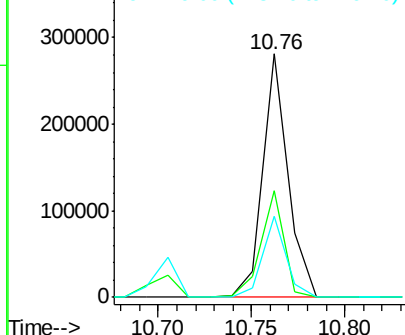
#67  
Hexachlorobenzene  
Concen: 39.13 ng  
RT: 10.76 min Scan# 759  
Delta R.T. -0.06 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Instrument :  
BNA\_F  
ClientSampleId :  
SB03-2-3MS

Tgt Ion: 284 Resp: 265572  
Ion Ratio Lower Upper  
284 100  
142 43.7 22.2 33.4#  
249 33.4 24.6 37.0

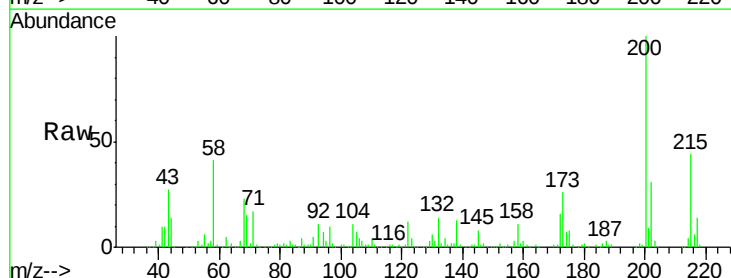


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

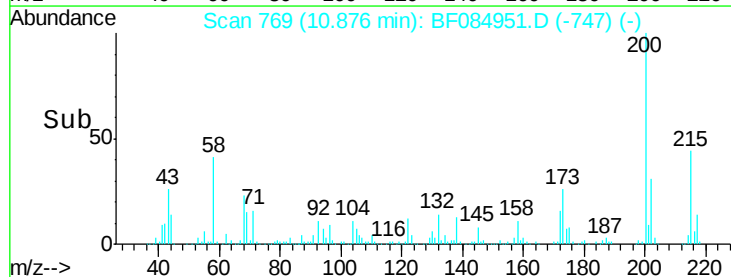
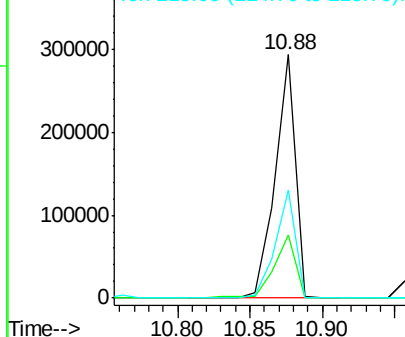


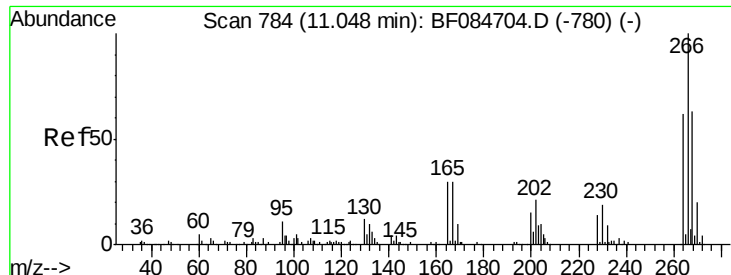
#68  
Atrazine  
Concen: 50.05 ng  
RT: 10.88 min Scan# 769  
Delta R.T. -0.05 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Tgt Ion: 200 Resp: 283007  
Ion Ratio Lower Upper  
200 100  
173 25.7 9.5 49.5  
215 44.1 23.8 63.8



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

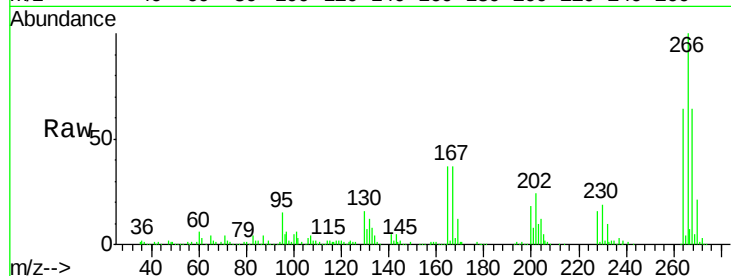




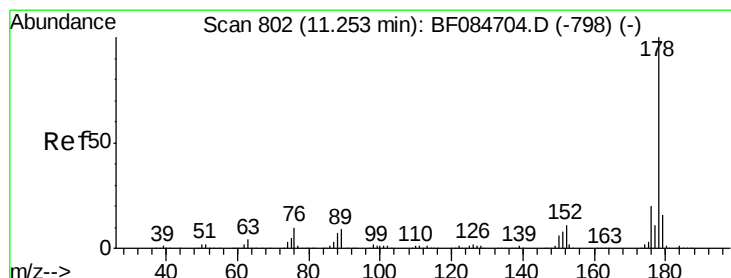
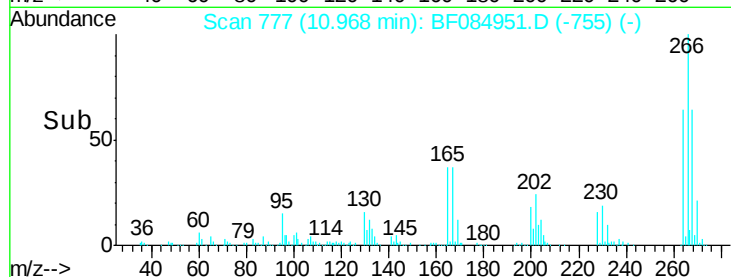
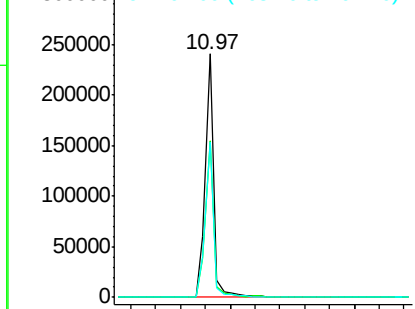
#69  
 Pentachlorophenol  
 Concen: 73.21 ng  
 RT: 10.97 min Scan# 777  
 Delta R.T. -0.05 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB03-2-3MS

Tgt Ion:266 Resp: 233510  
 Ion Ratio Lower Upper  
 266 100  
 268 64.5 52.4 78.6  
 264 64.0 50.2 75.2

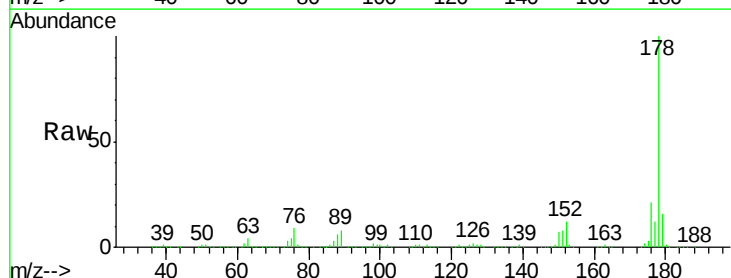


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

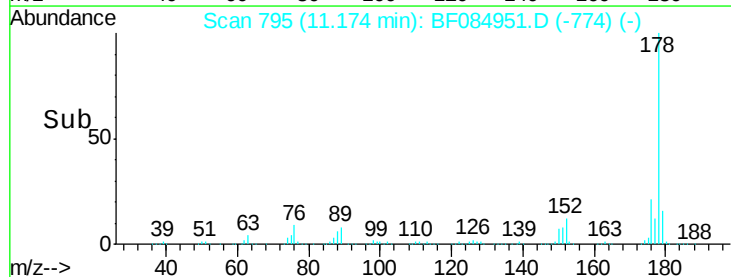
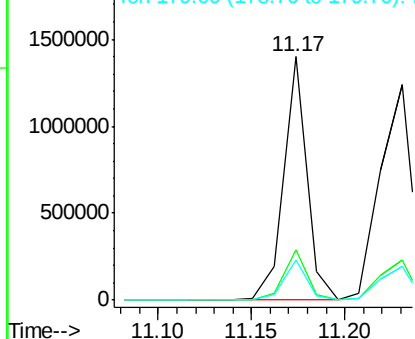


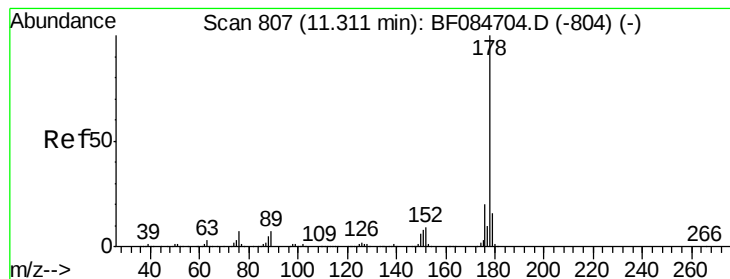
#70  
 Phenanthrene  
 Concen: 38.94 ng  
 RT: 11.17 min Scan# 795  
 Delta R.T. -0.06 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Tgt Ion:178 Resp: 1217823  
 Ion Ratio Lower Upper  
 178 100  
 176 20.6 15.3 22.9  
 179 16.4 12.0 18.0



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





#71

Anthracene

Concen: 44.30 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA\_F

ClientSampleId :

SB03-2-3MS

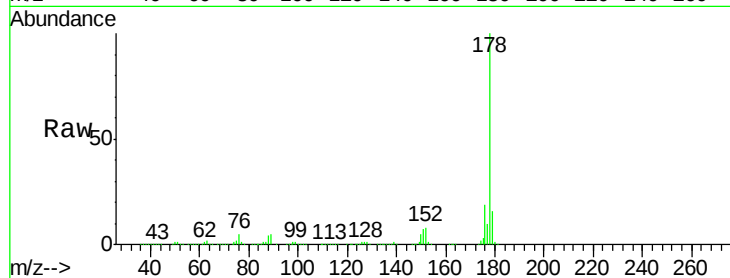
Tgt Ion:178 Resp: 1396133

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.0

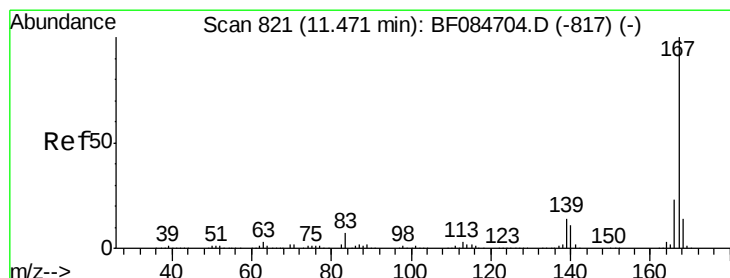
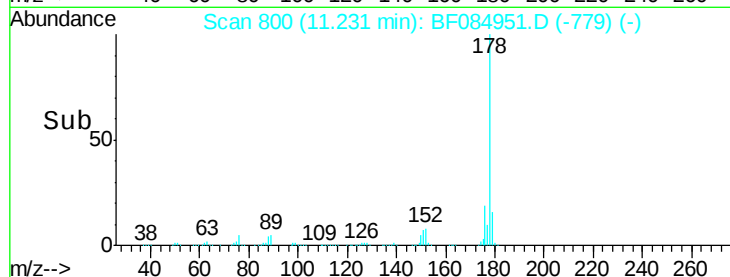
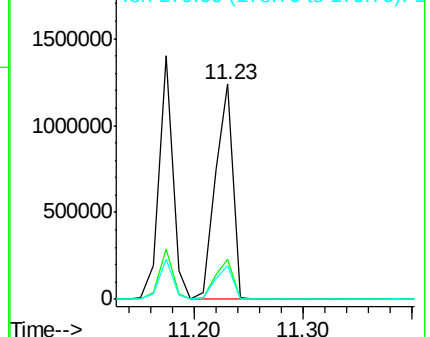
179 15.7 12.5 18.7



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: 46.01 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

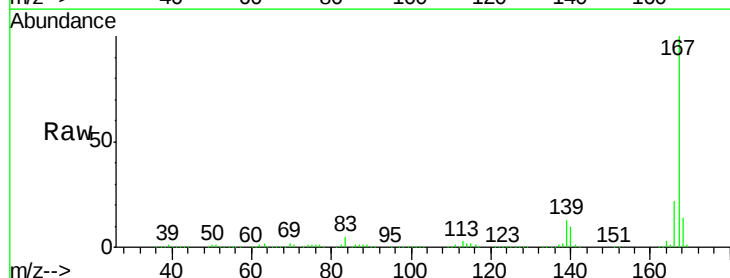
Tgt Ion:167 Resp: 1264404

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

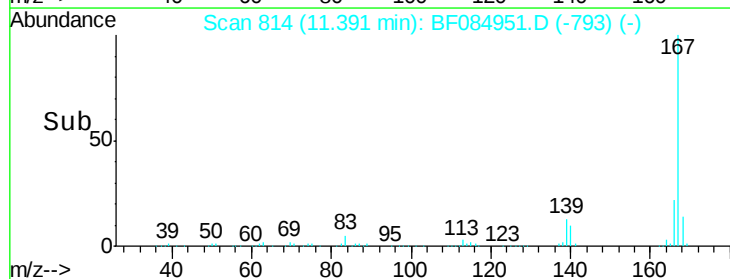
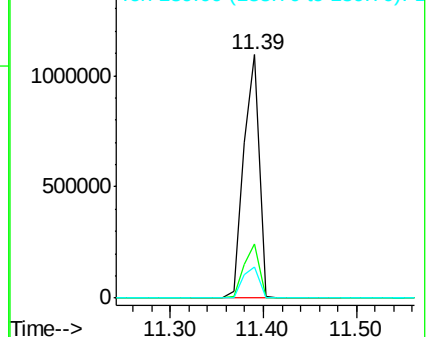
139 12.8 11.8 17.8

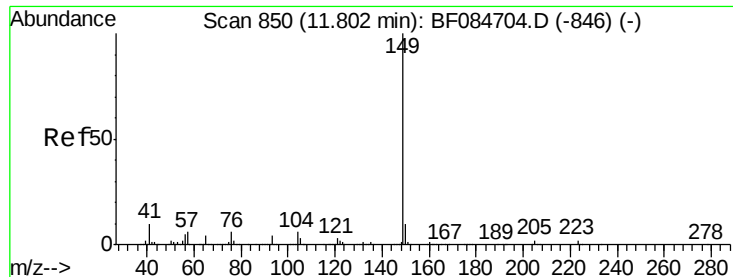


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

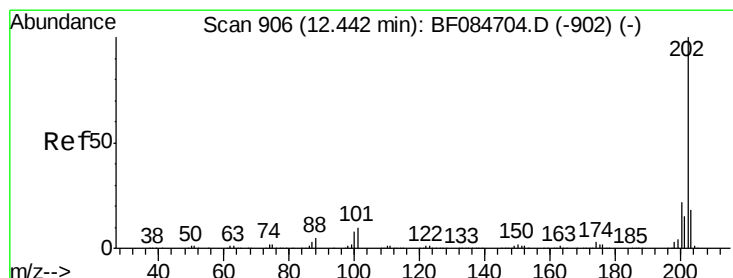
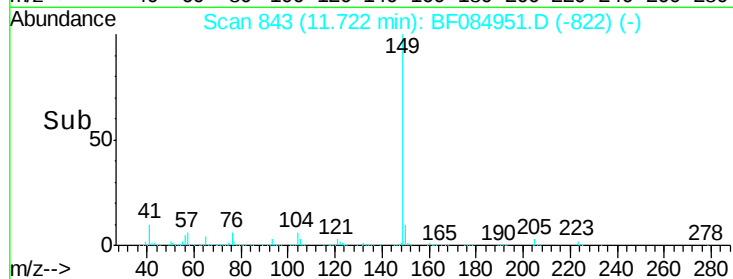
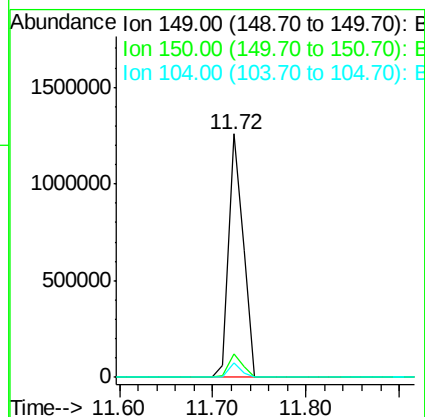
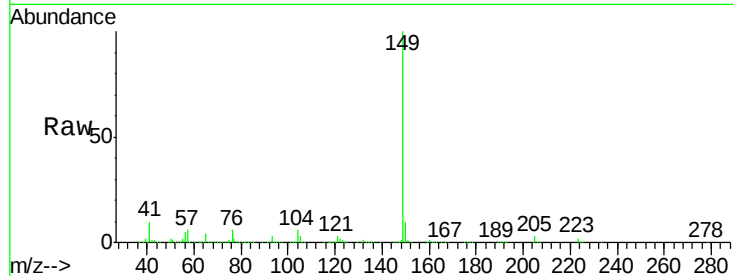




#73  
Di-n-butylphthalate  
Concen: 38.94 ng  
RT: 11.72 min Scan# 843  
Delta R.T. -0.06 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

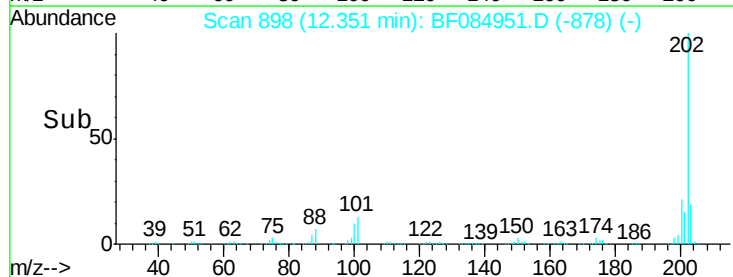
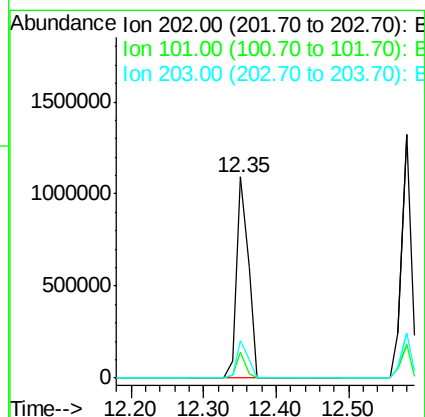
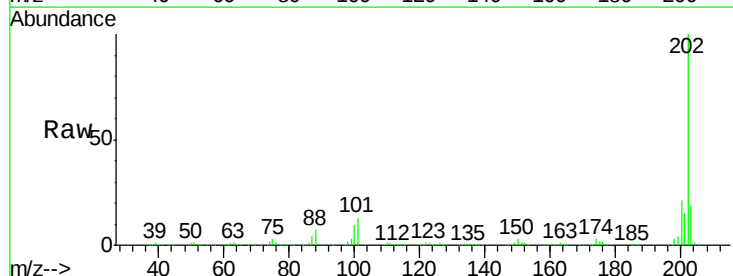
Instrument :  
BNA\_F  
ClientSampleId :  
SB03-2-3MS

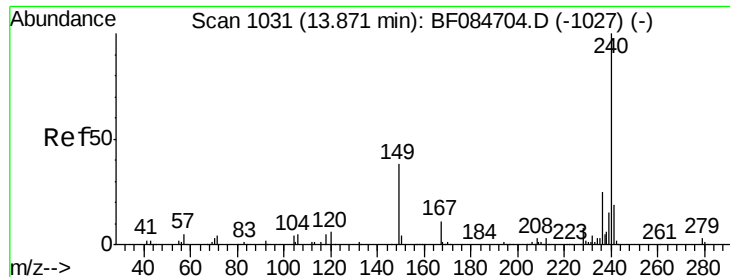
Tgt Ion:149 Resp: 1362327  
Ion Ratio Lower Upper  
149 100  
150 9.8 7.1 10.7  
104 5.9 3.2 4.8#



#74  
Fluoranthene  
Concen: 39.08 ng  
RT: 12.35 min Scan# 898  
Delta R.T. -0.07 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Tgt Ion:202 Resp: 1237275  
Ion Ratio Lower Upper  
202 100  
101 13.2 0.0 32.8  
203 18.6 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA\_F

ClientSampleId :

SB03-2-3MS

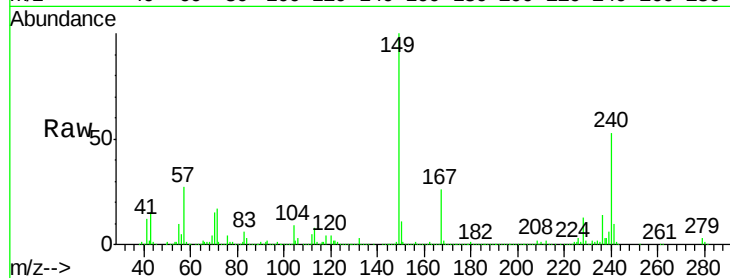
Tgt Ion:240 Resp: 404451

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

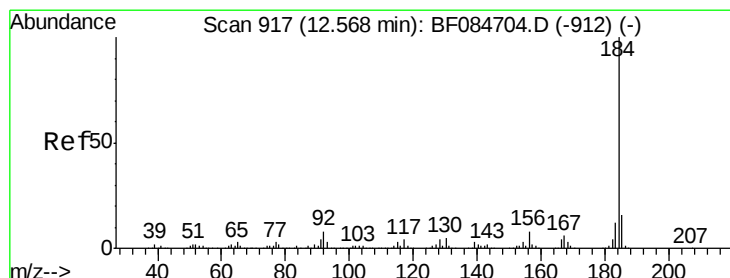
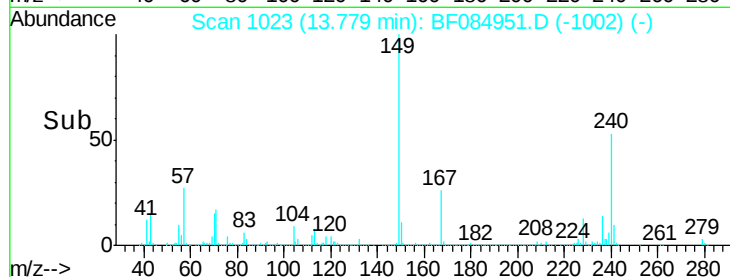
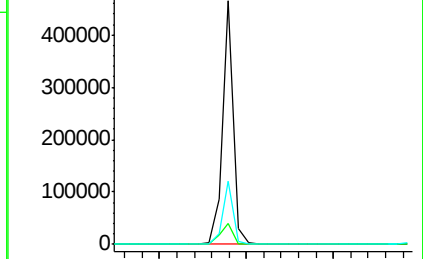
236 25.8 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.70 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

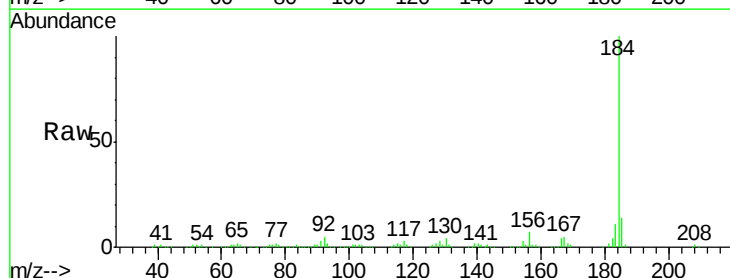
Tgt Ion:184 Resp: 359218

Ion Ratio Lower Upper

184 100

185 13.6 12.2 18.2

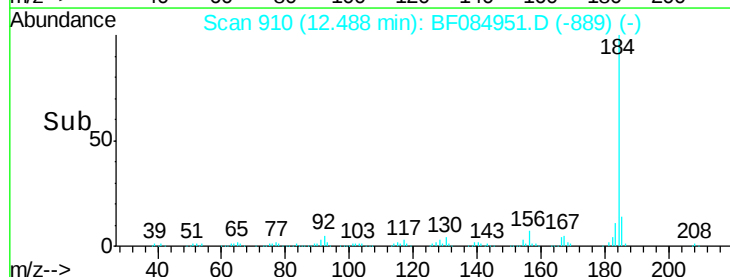
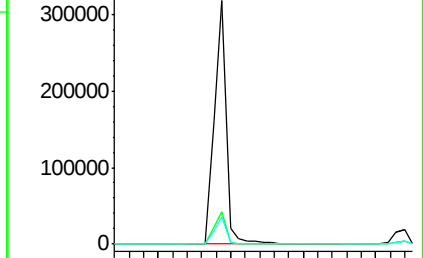
183 11.3 9.8 14.8

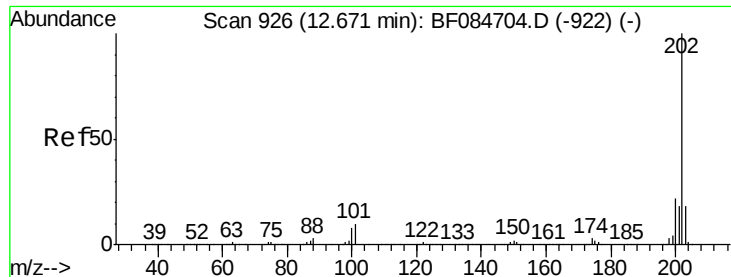


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

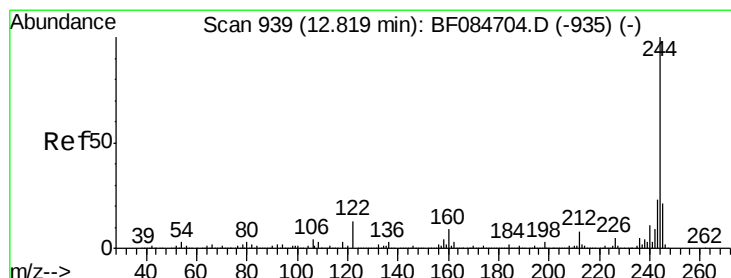
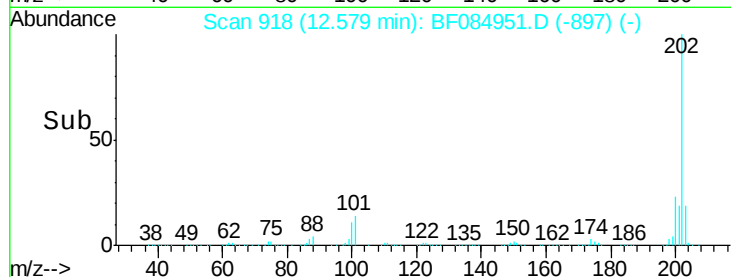
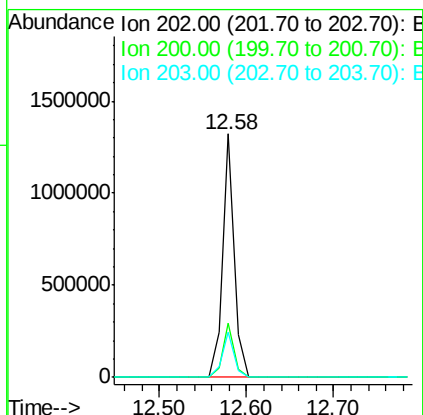
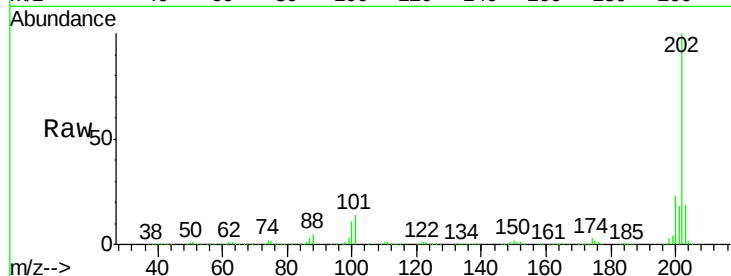




#77  
 Pyrene  
 Concen: 40.15 ng  
 RT: 12.58 min Scan# 918  
 Delta R.T. -0.06 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

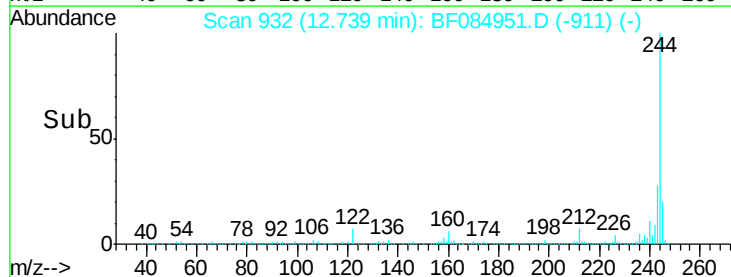
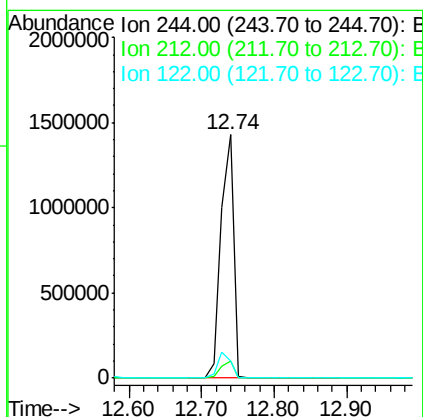
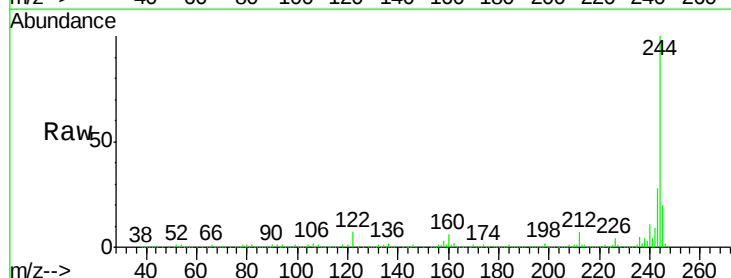
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB03-2-3MS

Tgt Ion:202 Resp: 1243276  
 Ion Ratio Lower Upper  
 202 100  
 200 22.5 17.2 25.8  
 203 18.7 14.3 21.5



#78  
 Terphenyl-d14  
 Concen: 97.32 ng  
 RT: 12.74 min Scan# 932  
 Delta R.T. -0.06 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Tgt Ion:244 Resp: 1737026  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.7 8.5  
 122 6.8 7.4 11.0#

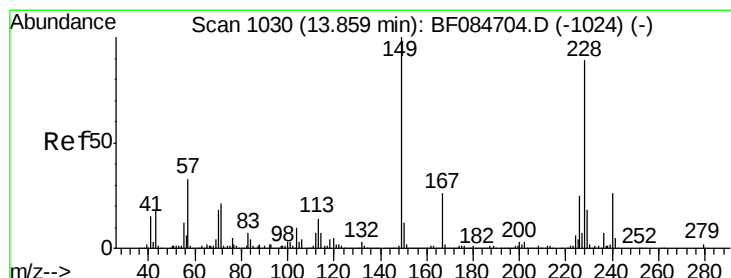
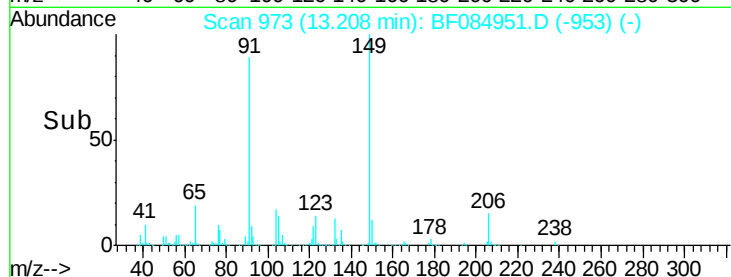
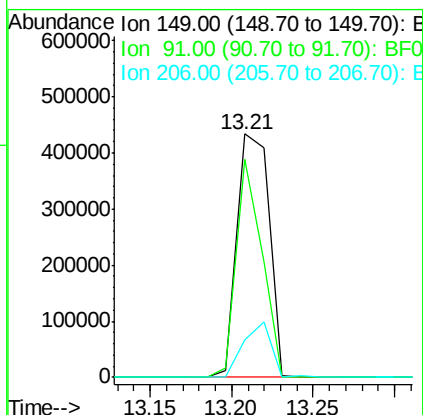
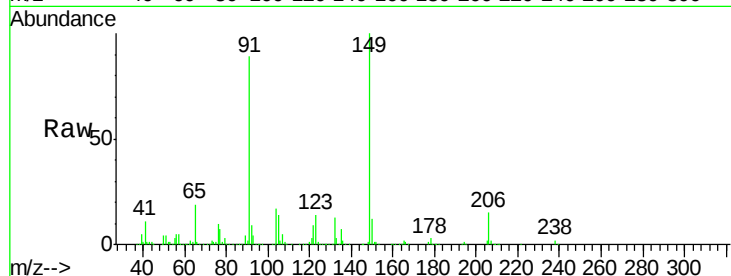




#79  
Butylbenzylphthalate  
Concen: 41.99 ng  
RT: 13.21 min Scan# 973  
Delta R.T. -0.07 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

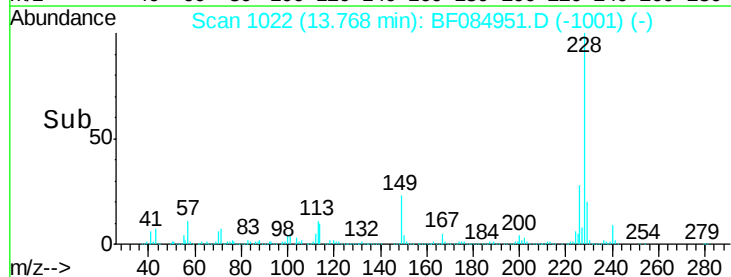
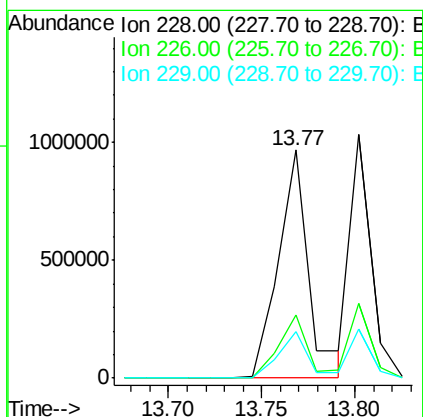
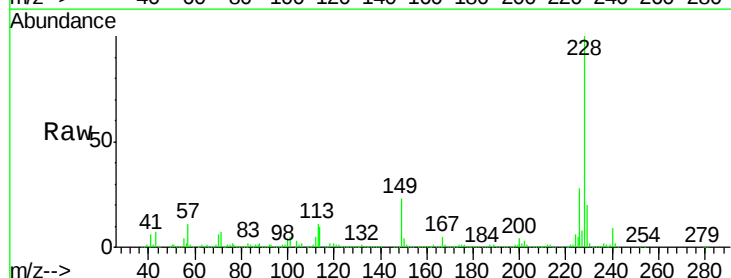
Instrument :  
BNA\_F  
ClientSampleId :  
SB03-2-3MS

Tgt Ion:149 Resp: 589917  
Ion Ratio Lower Upper  
149 100  
91 89.4 57.6 86.4#  
206 15.4 13.2 19.8



#80  
Benzo(a)anthracene  
Concen: 43.67 ng  
RT: 13.77 min Scan# 1022  
Delta R.T. -0.06 min  
Lab File: BF084951.D  
Acq: 9 Feb 2016 14:50

Tgt Ion:228 Resp: 1096218  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.8 32.6  
229 20.4 15.8 23.8

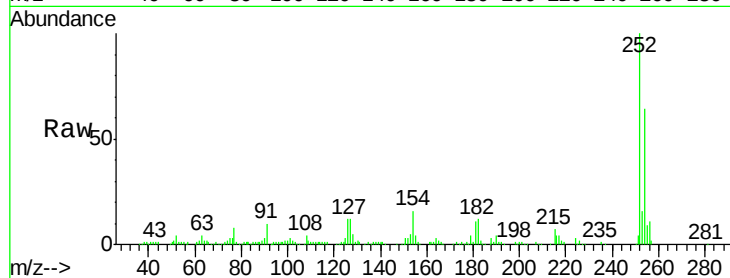




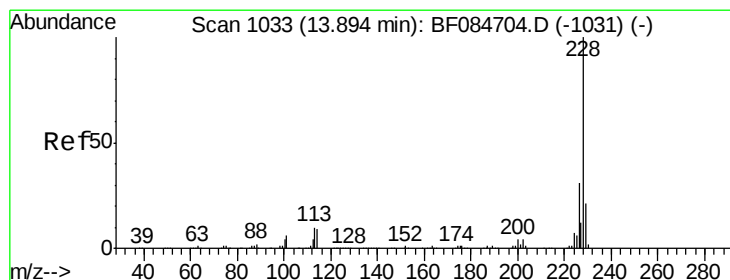
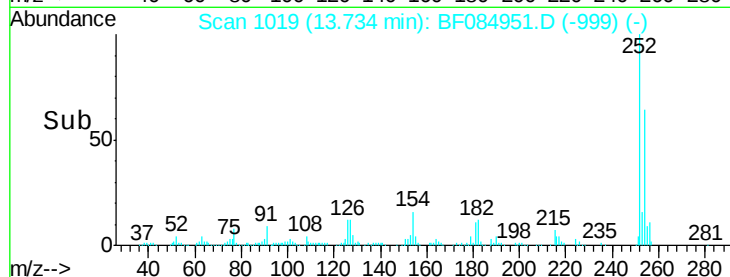
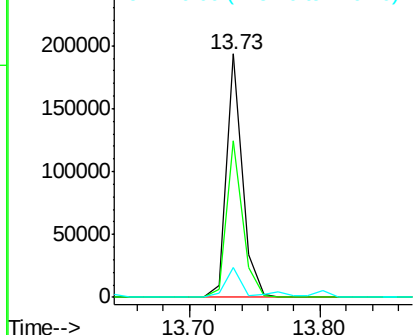
#81  
 3,3'-Dichlorobenzidine  
 Concen: 18.59 ng  
 RT: 13.73 min Scan# 1019  
 Delta R.T. -0.07 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB03-2-3MS

Tgt Ion:252 Resp: 165271  
 Ion Ratio Lower Upper  
 252 100  
 254 64.2 53.5 80.3  
 126 12.5 4.9 7.3#

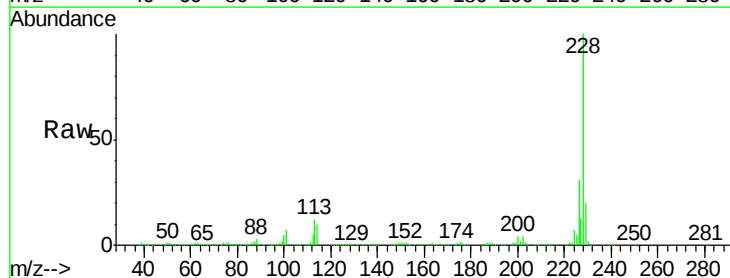


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

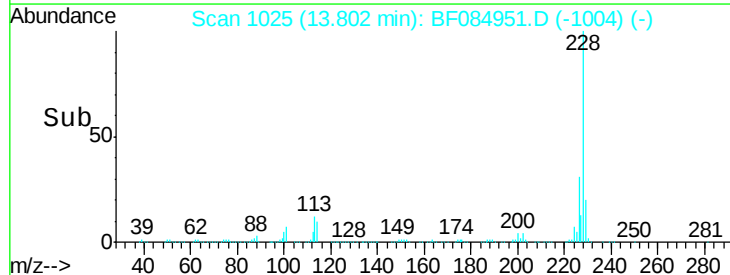
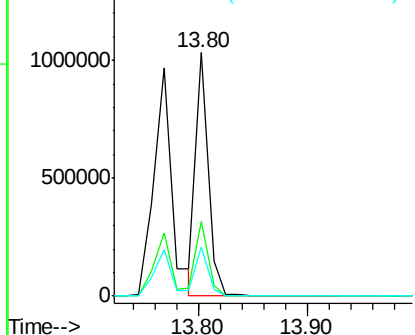


#82  
 Chrysene  
 Concen: 33.78 ng  
 RT: 13.80 min Scan# 1025  
 Delta R.T. -0.06 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Tgt Ion:228 Resp: 822237  
 Ion Ratio Lower Upper  
 228 100  
 226 30.5 24.3 36.5  
 229 20.3 16.1 24.1



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

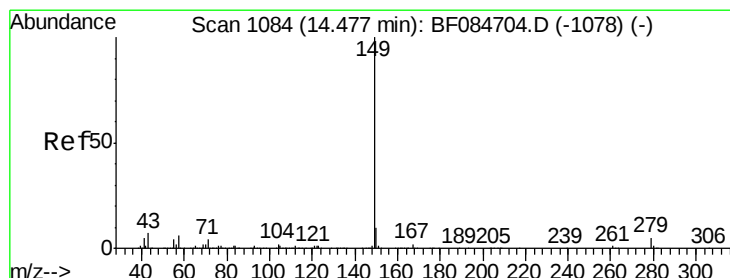
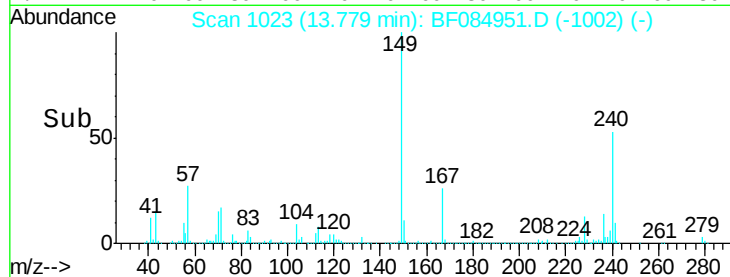
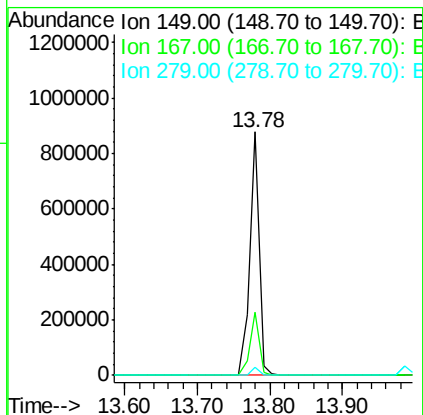
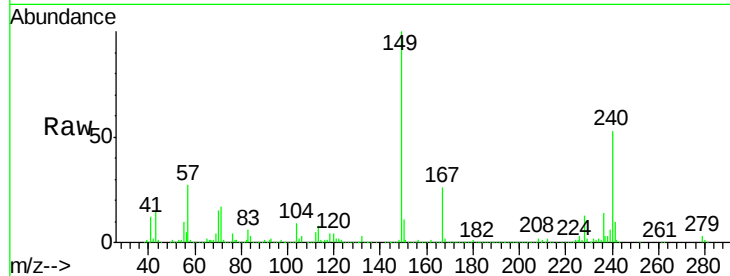




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.87 ng  
 RT: 13.78 min Scan# 1023  
 Delta R.T. -0.06 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

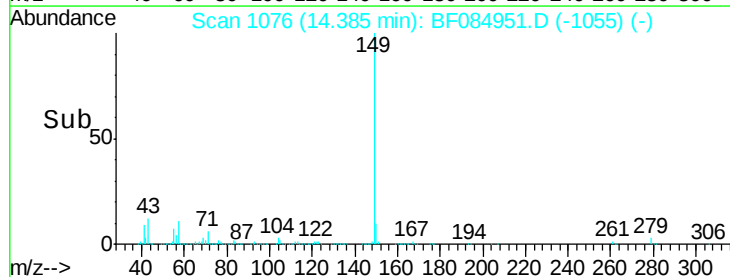
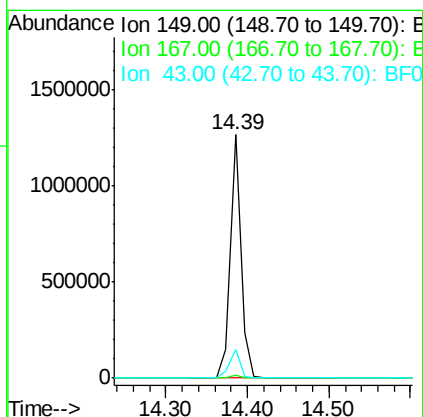
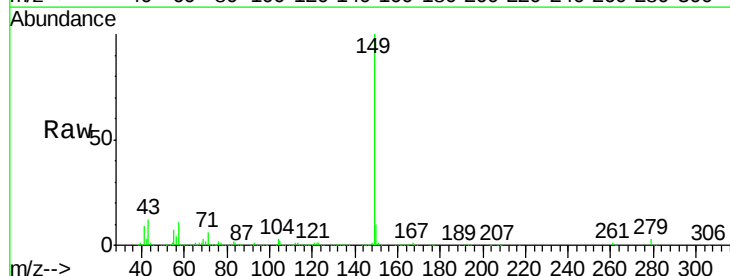
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB03-2-3MS

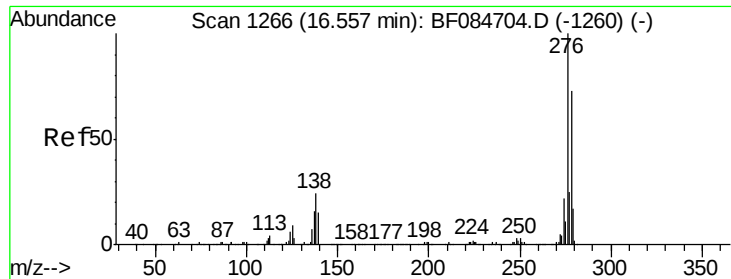
Tgt Ion:149 Resp: 784458  
 Ion Ratio Lower Upper  
 149 100  
 167 26.2 19.7 29.5  
 279 3.1 1.8 2.6#



#84  
 Di-n-octyl phthalate  
 Concen: 39.83 ng  
 RT: 14.39 min Scan# 1076  
 Delta R.T. -0.06 min  
 Lab File: BF084951.D  
 Acq: 9 Feb 2016 14:50

Tgt Ion:149 Resp: 1148685  
 Ion Ratio Lower Upper  
 149 100  
 167 1.7 1.2 1.8  
 43 11.9 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.03 ng

RT: 16.40 min Scan# 1252

Delta R.T. -0.10 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA\_F

ClientSampleId :

SB03-2-3MS

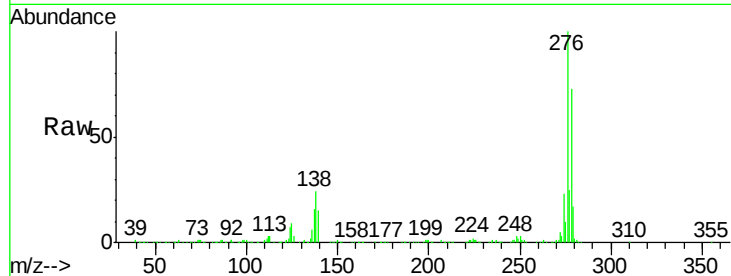
Tgt Ion:276 Resp: 805353

Ion Ratio Lower Upper

276 100

138 23.9 20.6 30.8

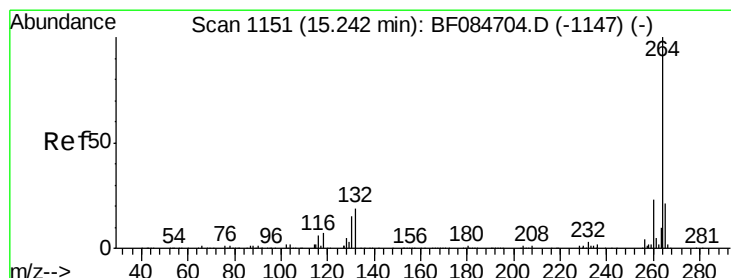
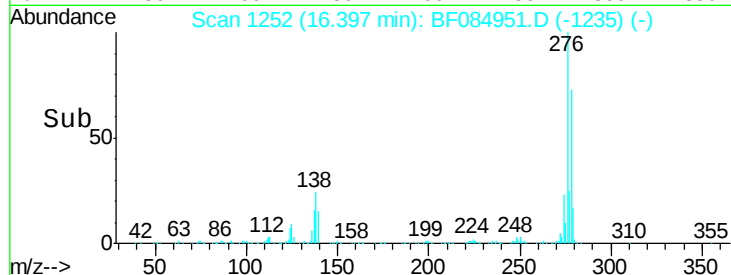
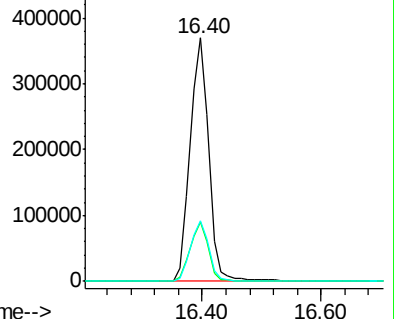
277 24.5 20.1 30.1



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: 15.14 min Scan# 1142

Delta R.T. -0.07 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

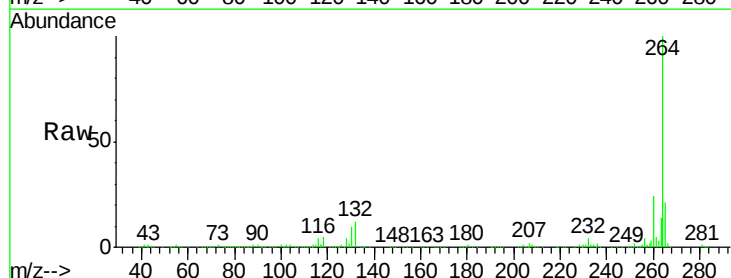
Tgt Ion:264 Resp: 314531

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

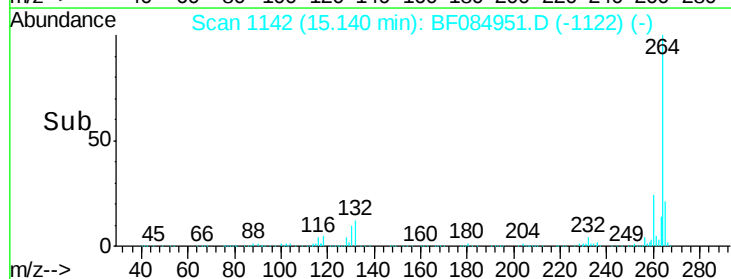
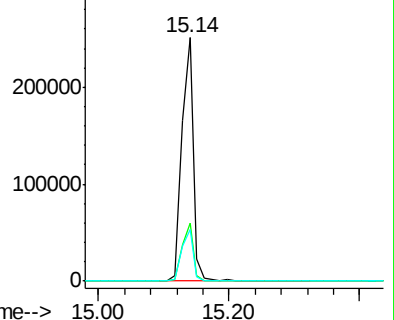
265 21.0 17.8 26.6

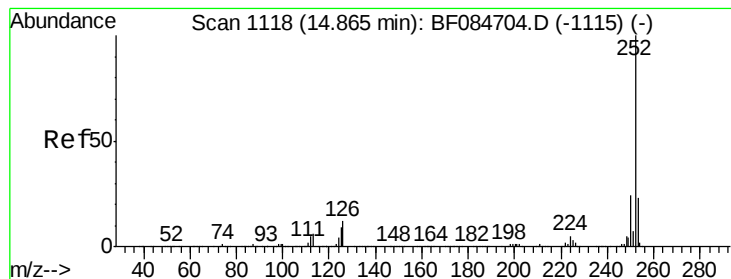


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 79.37 ng

RT: 14.80 min Scan# 1112

Delta R.T. -0.03 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA\_F

ClientSampleId :

SB03-2-3MS

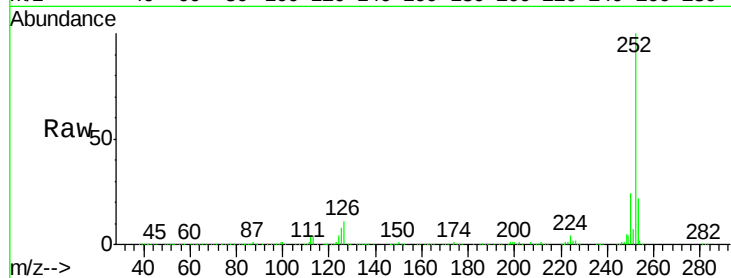
Tgt Ion:252 Resp: 1677411

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

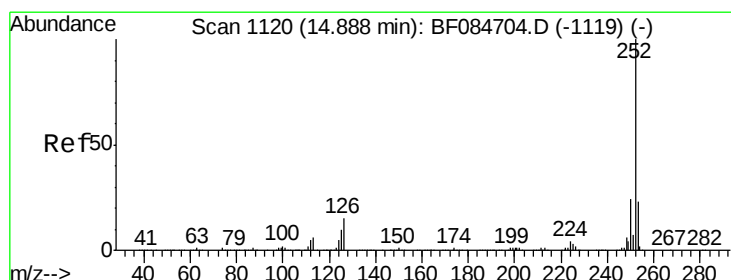
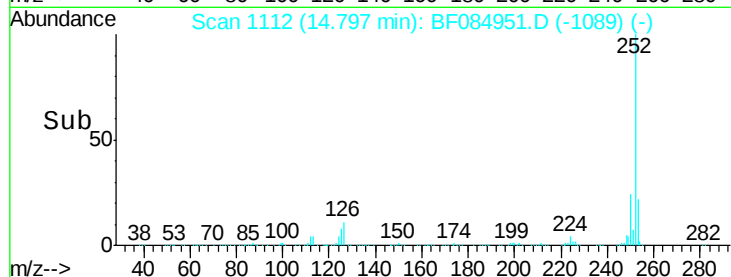
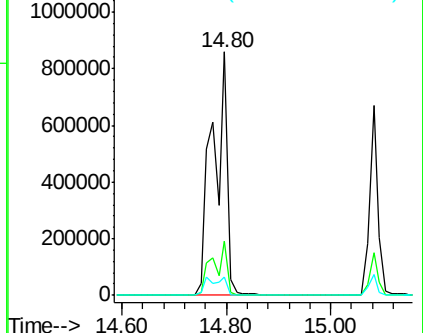
125 7.8 6.5 9.7



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: 96.04 ng

RT: 14.80 min Scan# 1112

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

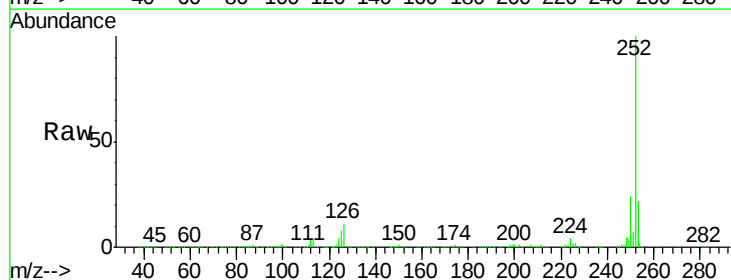
Tgt Ion:252 Resp: 1678197

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

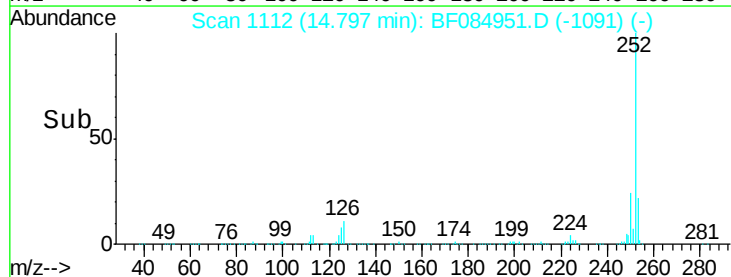
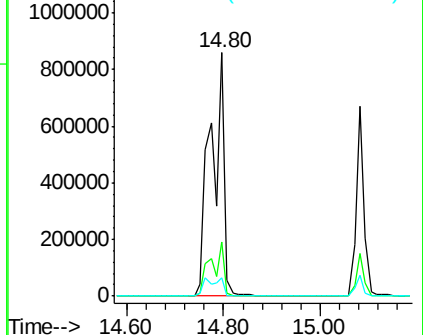
125 7.8 9.0 13.6#

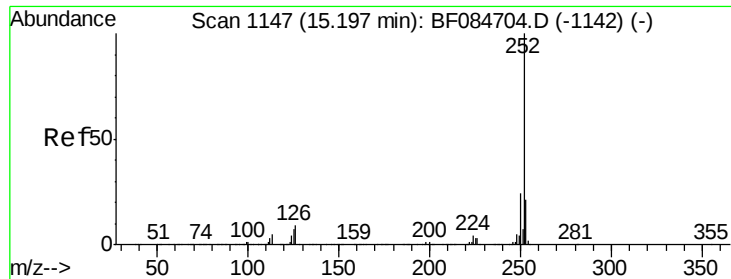


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.70 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.07 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA\_F

ClientSampleId :

SB03-2-3MS

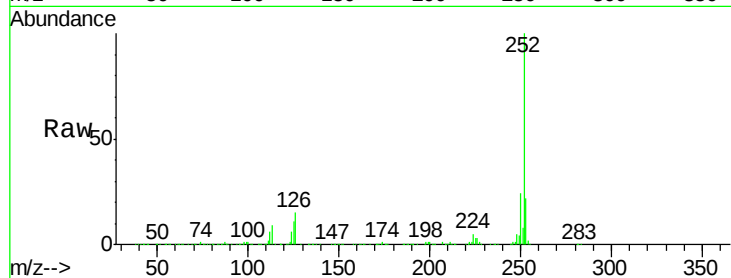
Tgt Ion:252 Resp: 750849

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

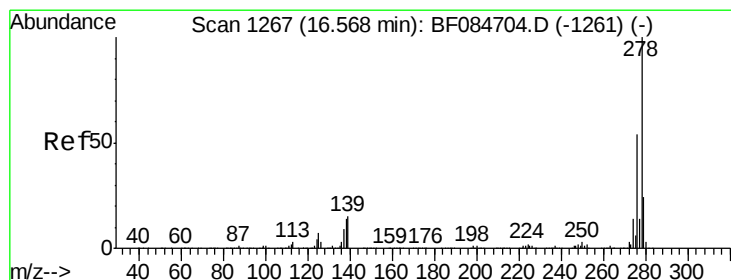
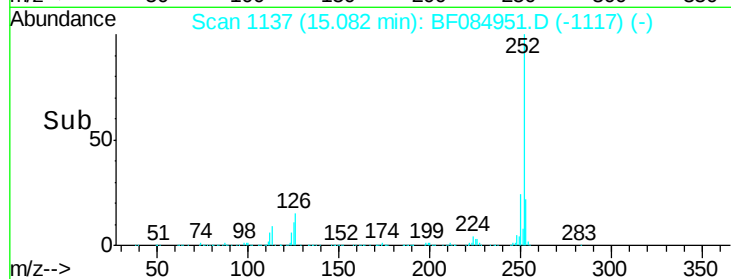
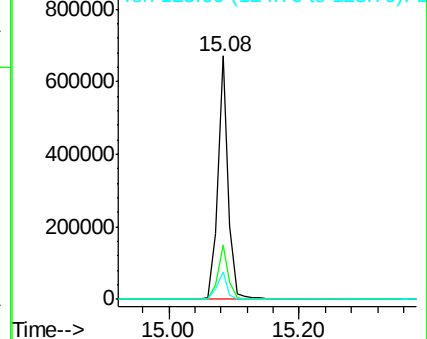
125 11.0 7.0 10.4#



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



#90

Dibenzo(a,h)anthracene

Concen: 43.98 ng

RT: 16.41 min Scan# 1253

Delta R.T. -0.10 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

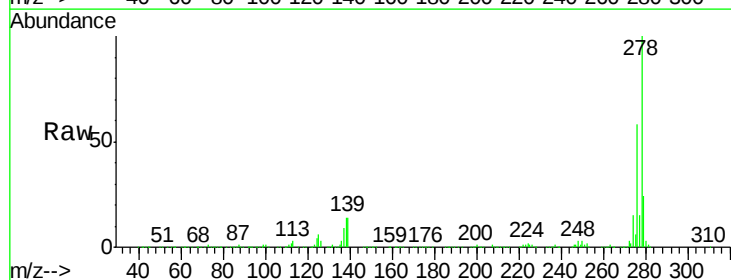
Tgt Ion:278 Resp: 666670

Ion Ratio Lower Upper

278 100

139 14.2 15.0 22.4#

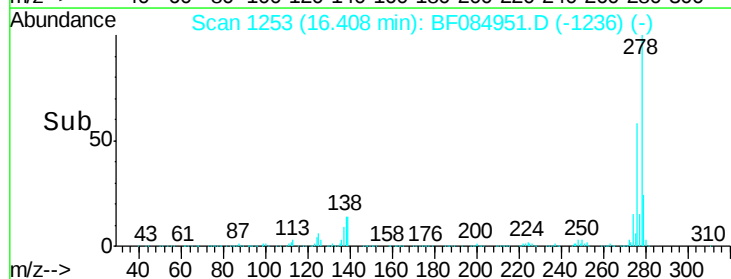
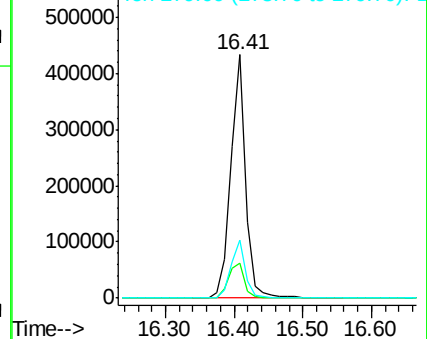
279 23.7 18.9 28.3

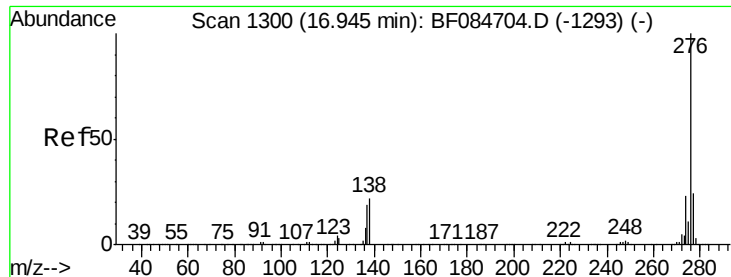


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.01 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.11 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA\_F

ClientSampleId :

SB03-2-3MS

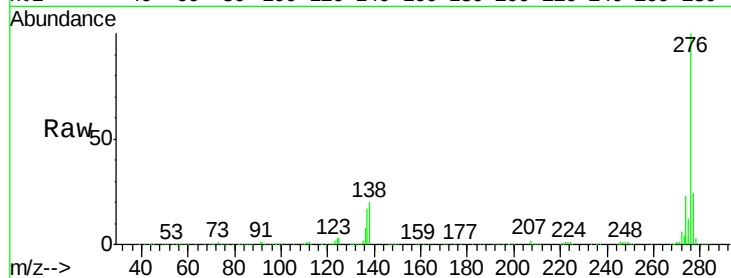
Tgt Ion: 276 Resp: 687282

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 19.8 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

