

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122315\  
 Data File : BF084049.D  
 Acq On : 23 Dec 2015 22:36  
 Operator : UM/SJ  
 Sample : PB87486BS  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87486BS

Quant Time: Dec 24 00:38:27 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF122215.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 22 18:54:09 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 49792    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.11  | 136  | 195541   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.86  | 164  | 90524    | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.34 | 188  | 153386   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.99 | 240  | 97267    | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.41 | 264  | 87731    | 20.00 | ng    | -0.01    |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.45  | 112 | 360633 | 123.49 | ng | 0.01  |
| 7) Phenol-d6                | 6.48  | 99  | 421884 | 122.87 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.39  | 82  | 271204 | 85.20  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol    | 10.66 | 330 | 96502  | 110.83 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 9.18  | 172 | 508154 | 75.55  | ng | -0.01 |
| 78) Terphenyl-d14           | 12.92 | 244 | 385197 | 94.44  | ng | -0.01 |

|                                |      |     |        |       |    |        |
|--------------------------------|------|-----|--------|-------|----|--------|
| Target Compounds               |      |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.48 | 88  | 37467  | 26.95 | ng | # 95   |
| 3) Pyridine                    | 3.18 | 79  | 107618 | 34.00 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.13 | 42  | 51361  | 43.67 | ng | 89     |
| 6) Aniline                     | 6.49 | 93  | 78396  | 16.50 | ng | # 1    |
| 8) 2-Chlorophenol              | 6.61 | 128 | 145365 | 43.23 | ng | 91     |
| 9) Benzaldehyde                | 6.36 | 77  | 46758  | 20.39 | ng | 95     |
| 10) Phenol                     | 6.49 | 94  | 180384 | 45.41 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.56 | 93  | 115992 | 38.21 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 153735 | 41.15 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.76 | 146 | 153735 | 42.14 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 144875 | 41.54 | ng | 99     |
| 15) Benzyl Alcohol             | 6.97 | 79  | 113181 | 41.86 | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45  | 113645 | 38.78 | ng | 85     |
| 17) 2-Methylphenol             | 7.09 | 107 | 115278 | 43.03 | ng | # 93   |
| 18) Hexachloroethane           | 7.33 | 117 | 55145  | 41.22 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70  | 95056  | 45.68 | ng | 91     |
| 20) 3+4-Methylphenols          | 7.24 | 107 | 143898 | 43.53 | ng | # 65   |
| 22) Acetophenone               | 7.23 | 105 | 187961 | 40.97 | ng | # 93   |
| 24) Nitrobenzene               | 7.40 | 77  | 127638 | 38.91 | ng | 99     |
| 25) Isophorone                 | 7.64 | 82  | 241913 | 40.11 | ng | 99     |
| 26) 2-Nitrophenol              | 7.72 | 139 | 64467  | 36.51 | ng | # 88   |
| 27) 2,4-Dimethylphenol         | 7.77 | 122 | 122136 | 39.69 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.86 | 93  | 159615 | 42.72 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.97 | 162 | 118229 | 43.01 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.05 | 180 | 121698 | 42.44 | ng | 96     |
| 31) Naphthalene                | 8.13 | 128 | 399039 | 39.95 | ng | 99     |
| 32) Benzoic acid               | 7.89 | 122 | 35803  | 27.73 | ng | 97     |
| 33) 4-Chloroaniline            | 8.18 | 127 | 46490  | 11.38 | ng | 94     |
| 34) Hexachlorobutadiene        | 8.25 | 225 | 67066  | 39.13 | ng | 99     |
| 35) Caprolactam                | 8.56 | 113 | 31949  | 38.67 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 8.68 | 107 | 136897 | 46.55 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.82 | 142 | 269991 | 41.74 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.99 | 216 | 116683 | 42.88 | ng | 100    |
| 40) Hexachlorocyclopentadiene  | 8.98 | 237 | 27493  | 38.64 | ng | 99     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 22 18:54:09 2015  
 Response via : Initial Calibration

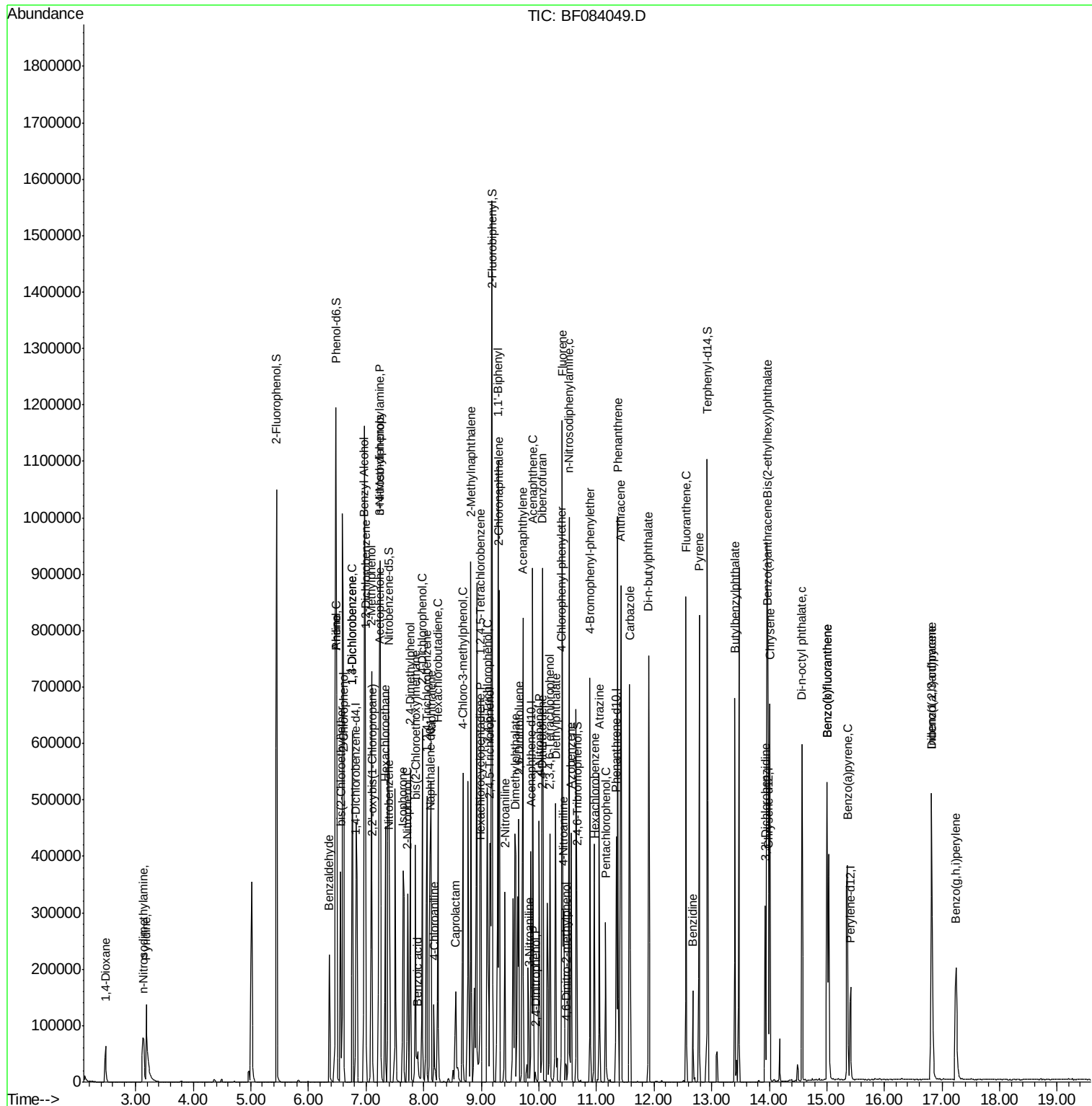
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.10  | 196  | 70430    | 42.98 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.15  | 196  | 69752    | 40.90 | ng    | # 79     |
| 45) 1,1'-Biphenyl              | 9.29  | 154  | 351845   | 43.97 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 9.31  | 162  | 247564   | 42.97 | ng    | 97       |
| 47) 2-Nitroaniline             | 9.41  | 65   | 70626    | 44.97 | ng    | # 44     |
| 48) Acenaphthylene             | 9.72  | 152  | 378346   | 41.47 | ng    | 100      |
| 49) Dimethylphthalate          | 9.60  | 163  | 310824   | 43.88 | ng    | # 91     |
| 50) 2,6-Dinitrotoluene         | 9.65  | 165  | 68080    | 45.54 | ng    | # 88     |
| 51) Acenaphthene               | 9.89  | 154  | 213983   | 39.45 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.82  | 138  | 42942    | 27.04 | ng    | # 66     |
| 53) 2,4-Dinitrophenol          | 9.94  | 184  | 3954     | 13.57 | ng    | 88       |
| 54) Dibenzofuran               | 10.06 | 168  | 328878   | 40.51 | ng    | 91       |
| 55) 4-Nitrophenol              | 10.01 | 139  | 57238    | 61.34 | ng    | 91       |
| 56) 2,4-Dinitrotoluene         | 10.05 | 165  | 75343    | 40.09 | ng    | # 84     |
| 57) Fluorene                   | 10.41 | 166  | 252552   | 39.26 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.19 | 232  | 49900    | 37.10 | ng    | 98       |
| 59) Diethylphthalate           | 10.29 | 149  | 310520   | 44.60 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.40 | 204  | 118792   | 40.30 | ng    | # 77     |
| 61) 4-Nitroaniline             | 10.43 | 138  | 57404    | 35.34 | ng    | 92       |
| 62) Azobenzene                 | 10.56 | 77   | 267416   | 43.51 | ng    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 10.48 | 198  | 6114     | 6.82  | ng    | 87       |
| 65) n-Nitrosodiphenylamine     | 10.52 | 169  | 241683   | 42.66 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.89 | 248  | 71464    | 40.63 | ng    | # 69     |
| 67) Hexachlorobenzene          | 10.97 | 284  | 80461    | 41.91 | ng    | # 88     |
| 68) Atrazine                   | 11.05 | 200  | 64376    | 37.59 | ng    | 98       |
| 69) Pentachlorophenol          | 11.16 | 266  | 41766    | 61.19 | ng    | 98       |
| 70) Phenanthrene               | 11.37 | 178  | 351686   | 40.57 | ng    | 99       |
| 71) Anthracene                 | 11.42 | 178  | 382438   | 43.44 | ng    | 99       |
| 72) Carbazole                  | 11.57 | 167  | 301067   | 36.57 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.90 | 149  | 425466   | 41.62 | ng    | # 97     |
| 74) Fluoranthene               | 12.56 | 202  | 321043   | 37.34 | ng    | 97       |
| 76) Benzidine                  | 12.67 | 184  | 68692    | 19.80 | ng    | 98       |
| 77) Pyrene                     | 12.78 | 202  | 319675   | 48.44 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.40 | 149  | 169923   | 55.98 | ng    | 89       |
| 80) Benzo(a)anthracene         | 13.97 | 228  | 247124   | 44.06 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 58710    | 27.83 | ng    | # 94     |
| 82) Chrysene                   | 14.01 | 228  | 211705   | 40.66 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 212937   | 50.59 | ng    | # 98     |
| 84) Di-n-octyl phthalate       | 14.57 | 149  | 333005   | 51.45 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.82 | 276  | 219203   | 50.89 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 15.00 | 252  | 453297   | 81.96 | ng    | # 98     |
| 88) Benzo(k)fluoranthene       | 15.00 | 252  | 453297   | 86.18 | ng    | 98       |
| 89) Benzo(a)pyrene             | 15.36 | 252  | 223765   | 43.68 | ng    | 100      |
| 90) Dibenzo(a,h)anthracene     | 16.82 | 278  | 187189   | 44.10 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.24 | 276  | 171703   | 39.99 | ng    | 97       |

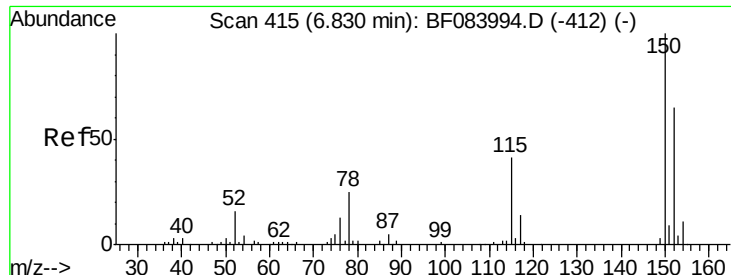
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : PB87486BS
Misc      :
ALS Vial  : 34      Sample Multiplier: 1
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BNA\_F  
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QLast Update : Tue Dec 22 18:54:09 2015  
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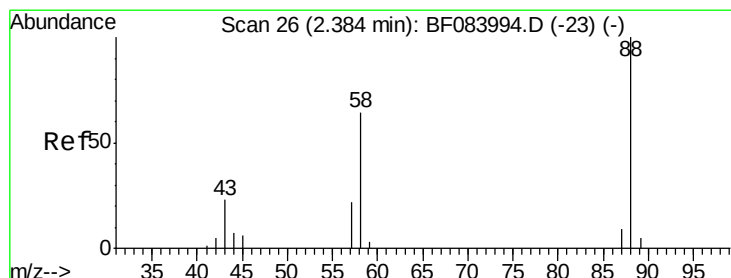
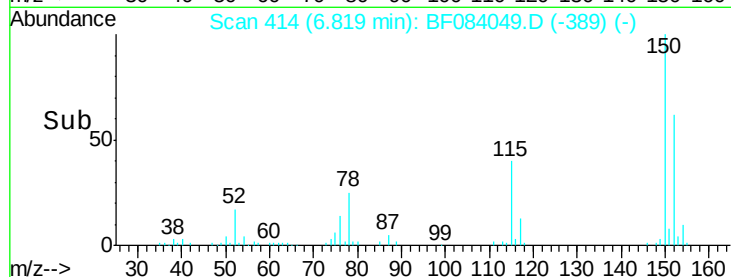
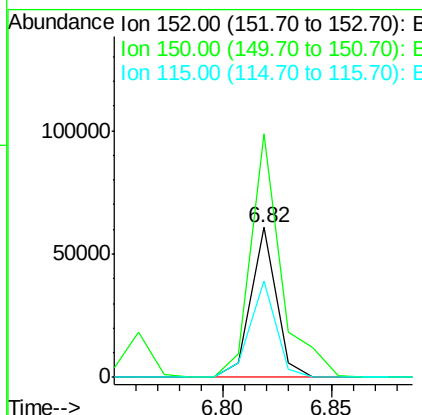
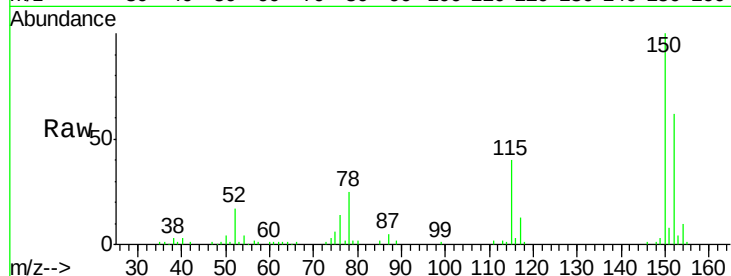




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.82 min Scan# 414  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

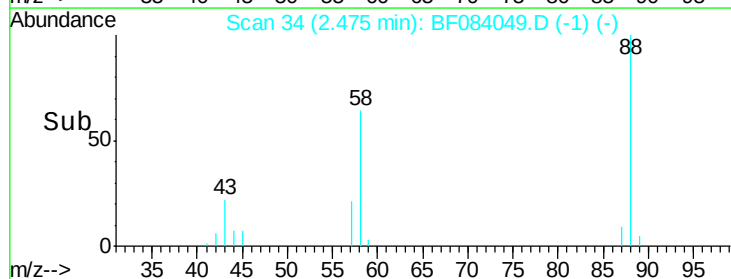
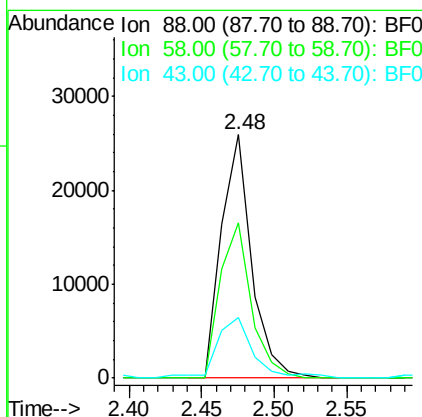
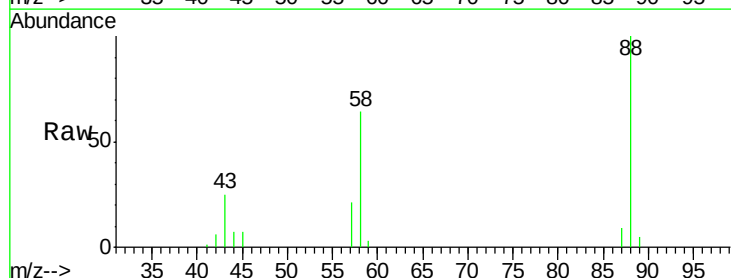
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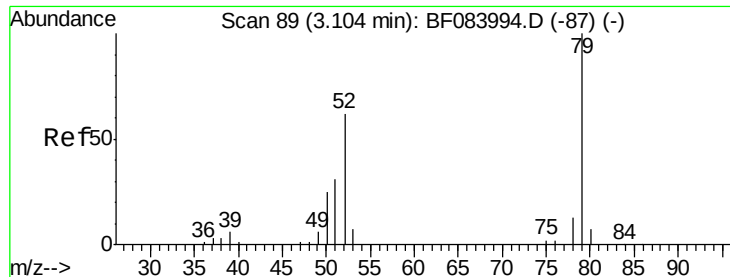
Tgt Ion:152 Resp: 49792  
 Ion Ratio Lower Upper  
 152 100  
 150 162.2 123.0 184.4  
 115 64.2 51.4 77.2



#2  
 1,4-Dioxane  
 Concen: 26.95 ng  
 RT: 2.48 min Scan# 34  
 Delta R.T. 0.09 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Tgt Ion: 88 Resp: 37467  
 Ion Ratio Lower Upper  
 88 100  
 58 65.3 51.2 76.8  
 43 30.5 19.5 29.3#

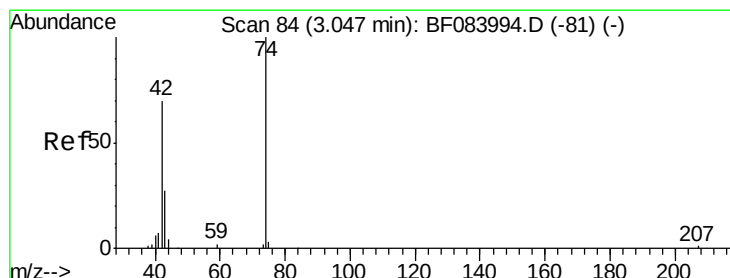
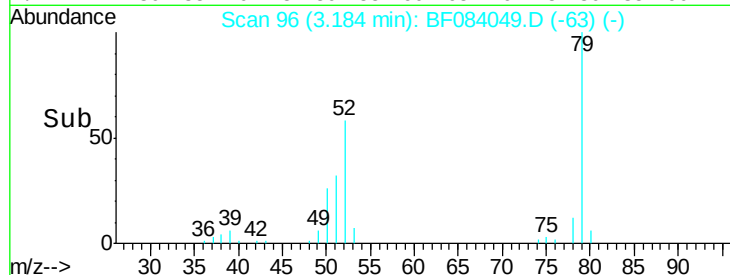
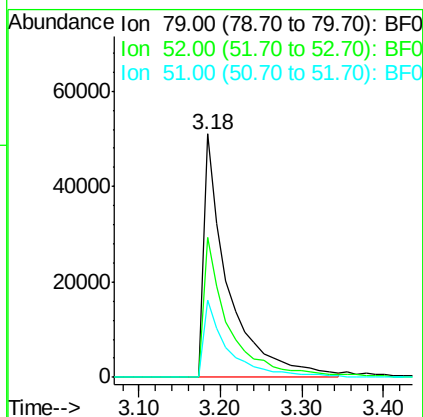
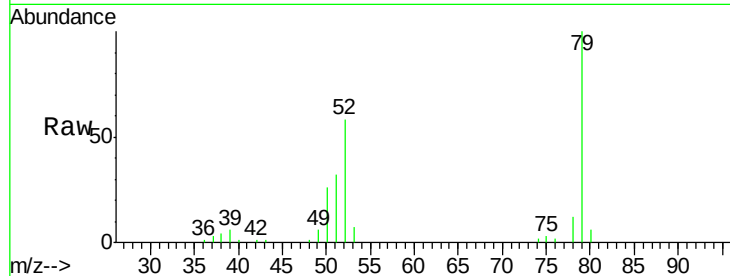




#3  
 Pyridine  
 Concen: 34.00 ng  
 RT: 3.18 min Scan# 96  
 Delta R.T. 0.08 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

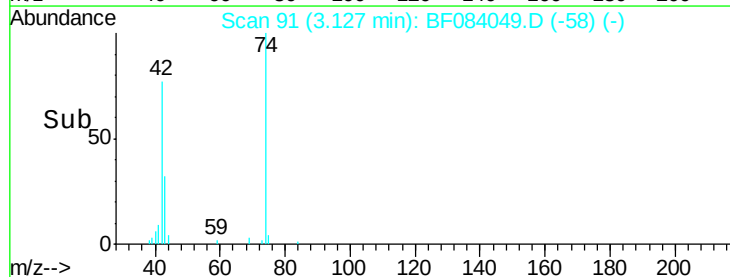
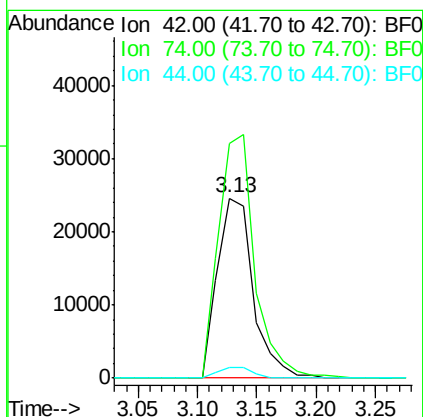
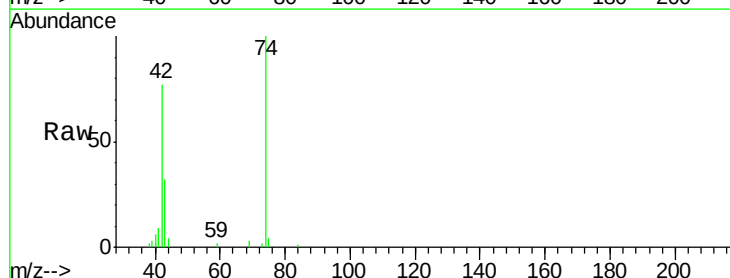
Instrument :  
 BNA\_F  
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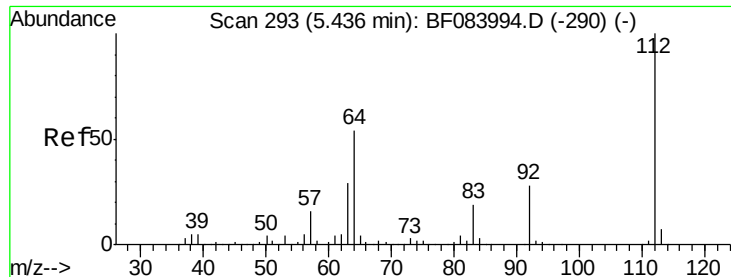
Tgt Ion: 79 Resp: 107618  
 Ion Ratio Lower Upper  
 79 100  
 52 57.6 49.0 73.4  
 51 31.7 25.2 37.8



#4  
 n-Nitrosodimethylamine  
 Concen: 43.67 ng  
 RT: 3.13 min Scan# 91  
 Delta R.T. 0.08 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Tgt Ion: 42 Resp: 51361  
 Ion Ratio Lower Upper  
 42 100  
 74 130.3 115.7 173.5  
 44 5.7 5.1 7.7





#5

2-Fluorophenol

Concen: 123.49 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

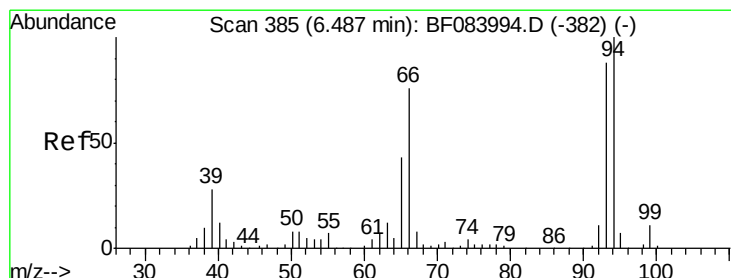
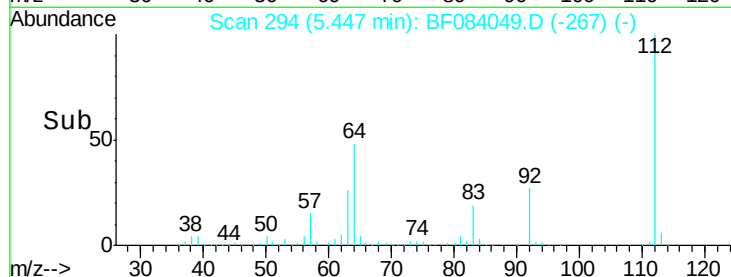
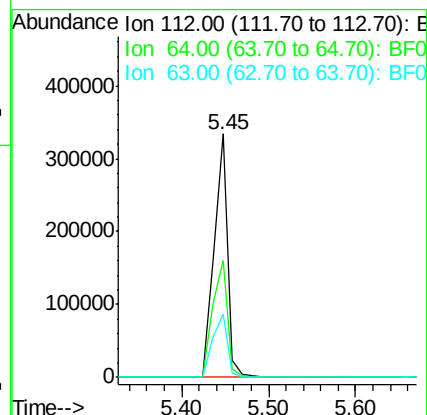
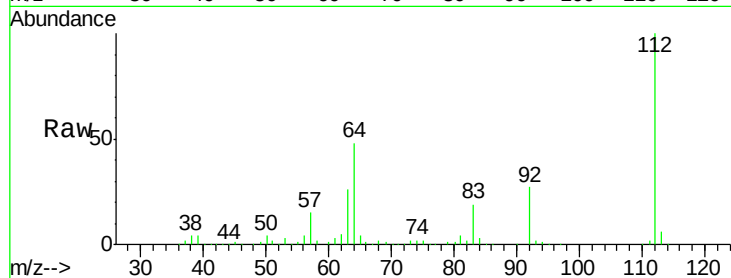
Instrument :

BNA\_F

ClientSampleId :

PB87486BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 360633 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 48.1  | 36.6  | 55.0   |
| 63       | 26.2  | 19.4  | 29.0   |



#6

Aniline

Concen: 16.50 ng

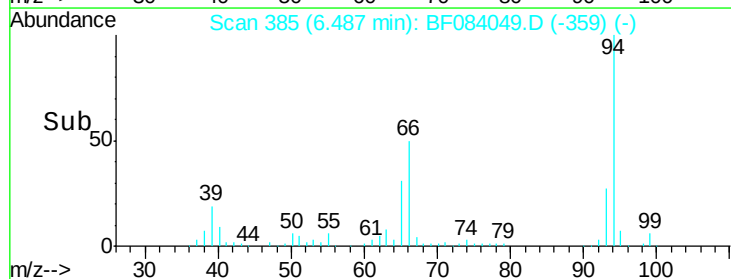
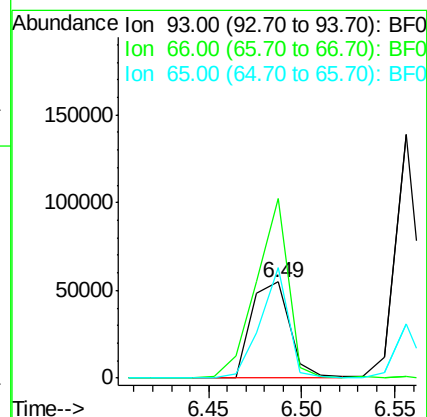
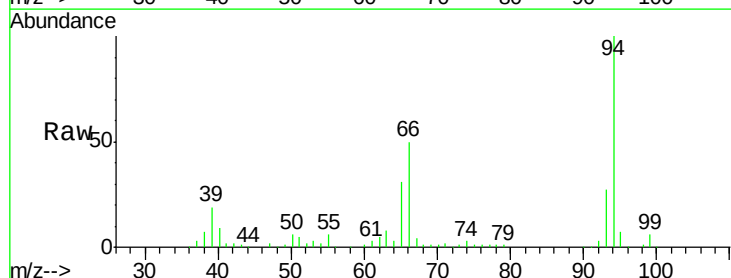
RT: 6.49 min Scan# 385

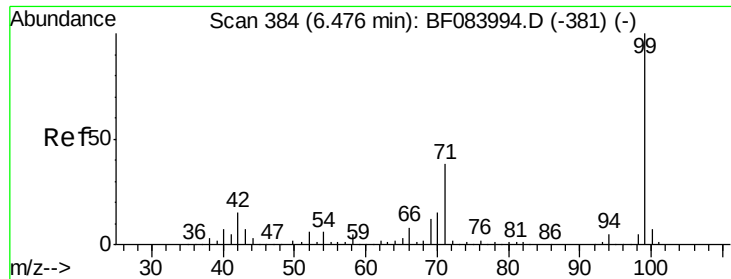
Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 78396 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 66       | 187.0 | 44.9  | 67.3# |
| 65       | 115.5 | 23.7  | 35.5# |





#7

Phenol-d6

Concen: 122.87 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

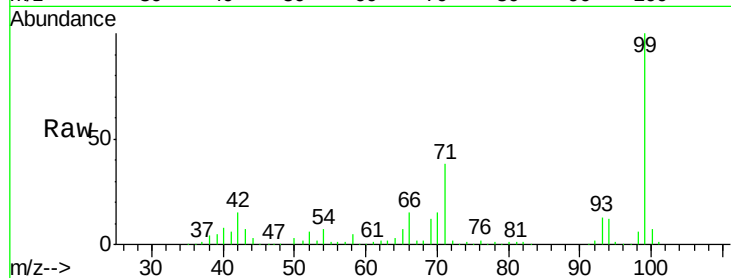
Tgt Ion: 99 Resp: 421884

Ion Ratio Lower Upper

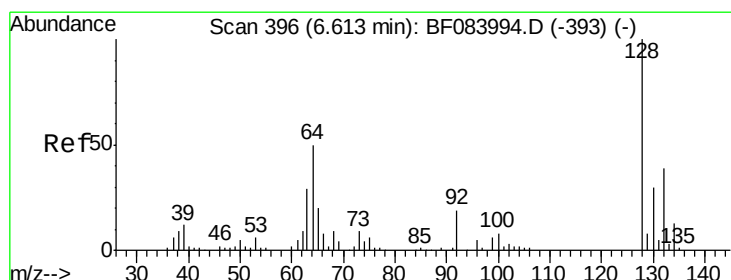
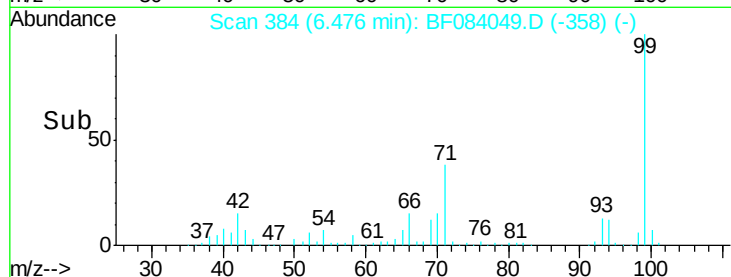
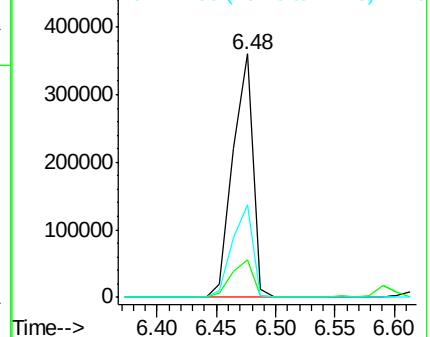
99 100

42 15.2 12.8 19.2

71 38.0 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: 43.23 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

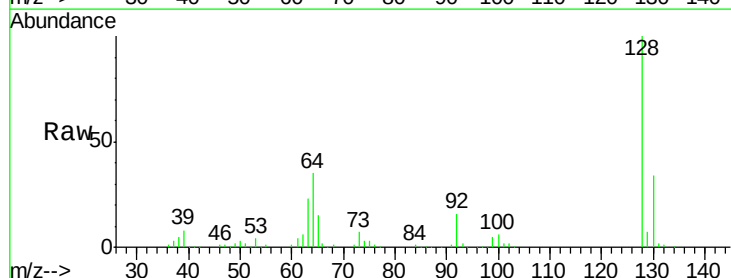
Tgt Ion: 128 Resp: 145365

Ion Ratio Lower Upper

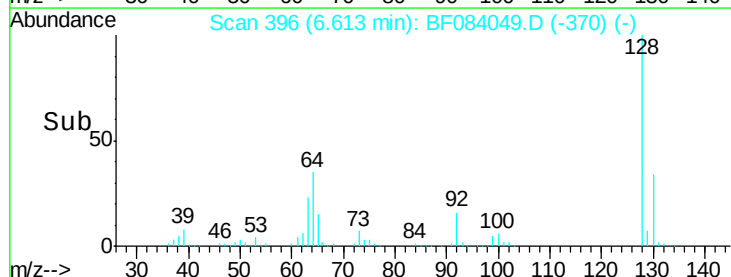
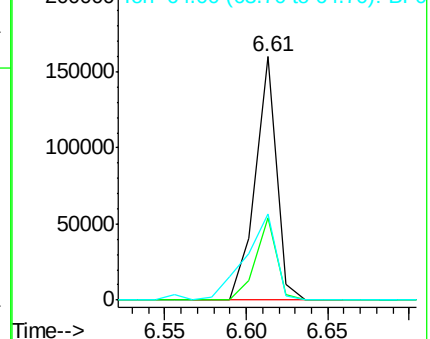
128 100

130 33.6 11.6 51.6

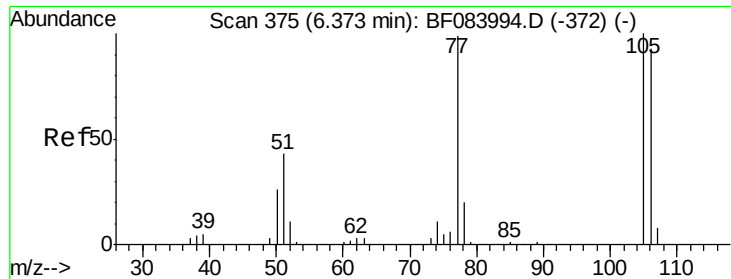
64 35.2 23.8 63.8



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: 20.39 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

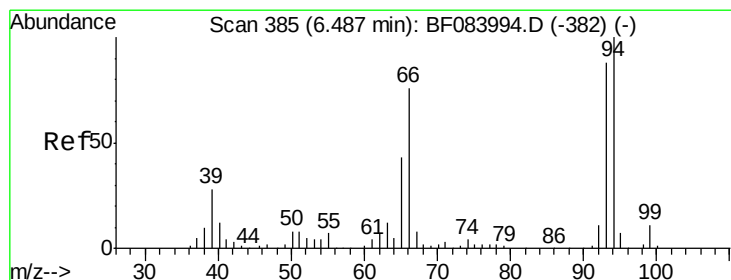
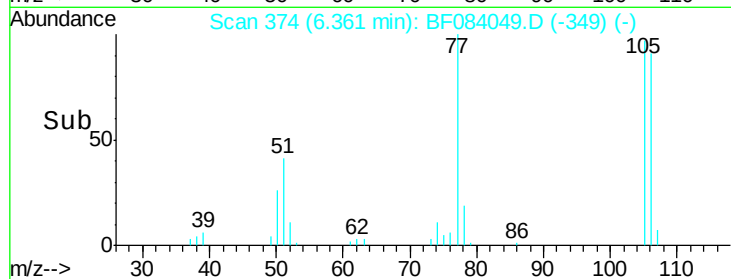
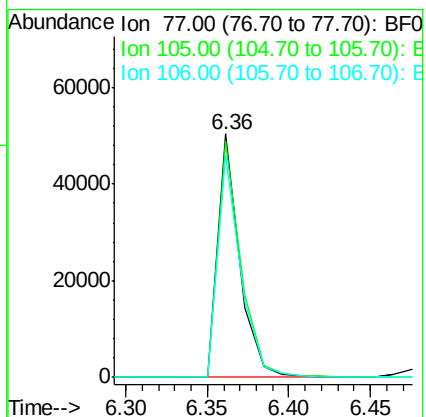
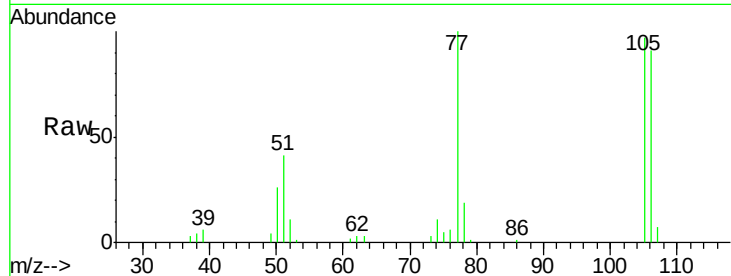
Tgt Ion: 77 Resp: 46758

Ion Ratio Lower Upper

77 100

105 97.0 83.0 123.0

106 91.2 74.6 114.6



#10

Phenol

Concen: 45.41 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

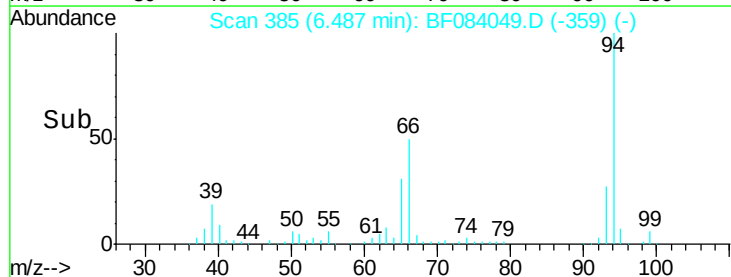
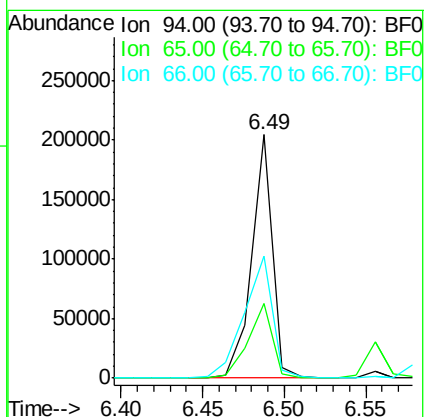
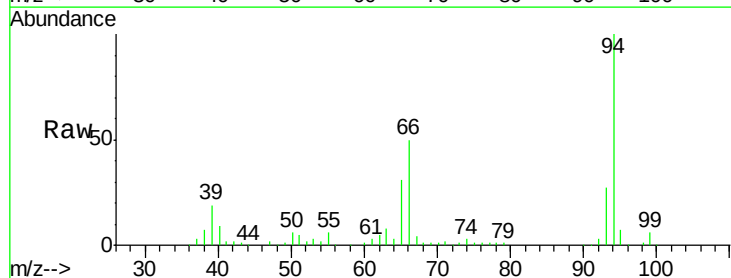
Tgt Ion: 94 Resp: 180384

Ion Ratio Lower Upper

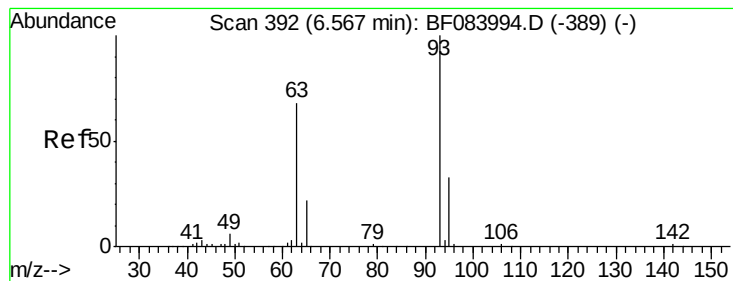
94 100

65 30.9 12.9 52.9

66 50.0 32.7 72.7







#11

bis(2-Chloroethyl)ether

Concen: 38.21 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

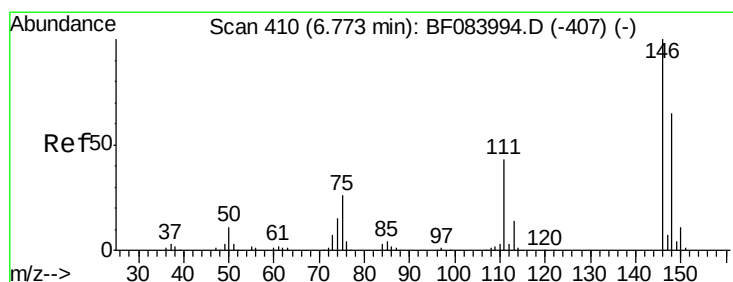
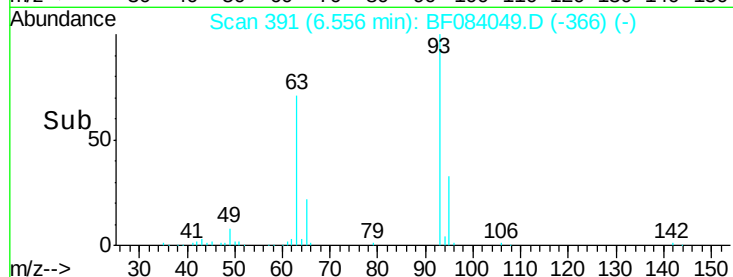
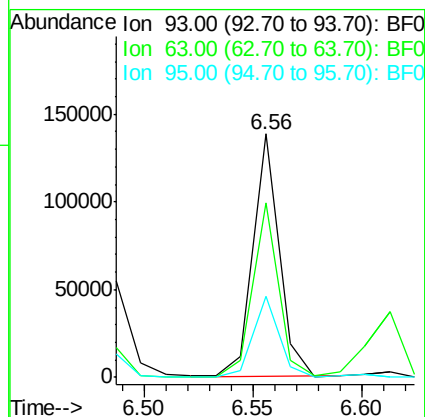
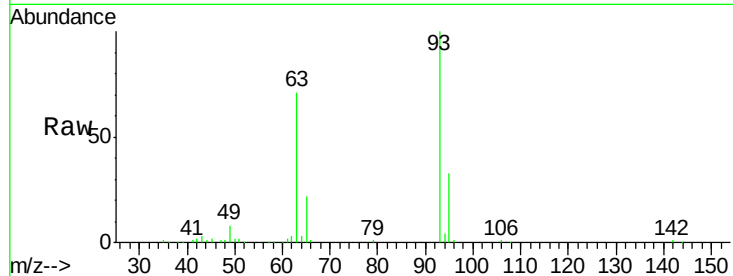
Tgt Ion: 93 Resp: 115992

Ion Ratio Lower Upper

93 100

63 71.4 45.9 85.9

95 33.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 41.15 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

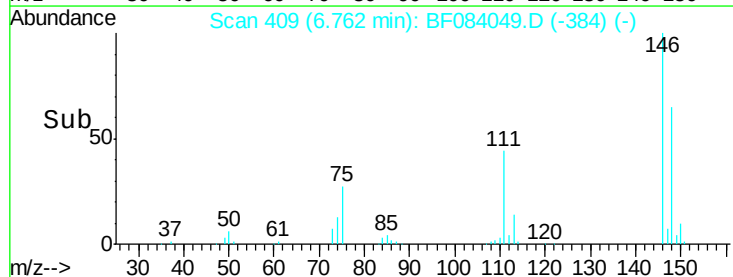
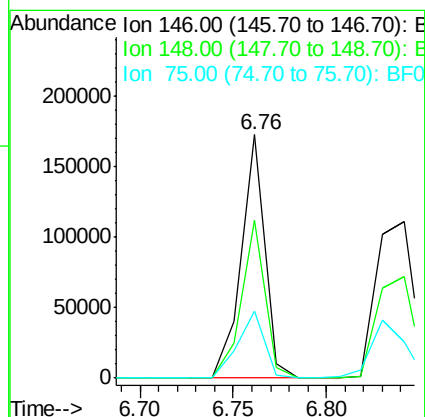
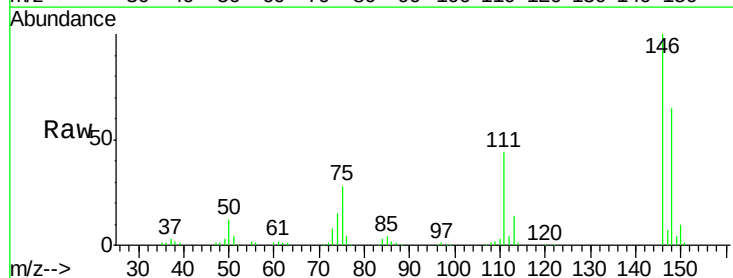
Tgt Ion: 146 Resp: 153735

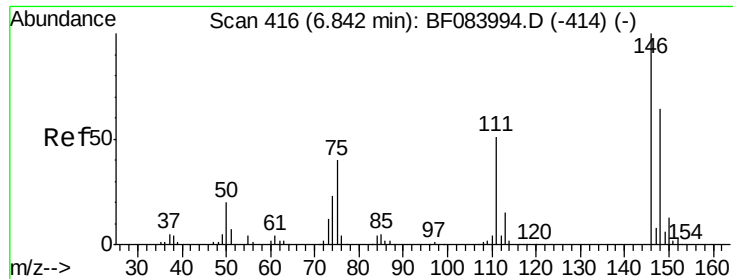
Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

75 27.5 20.5 30.7

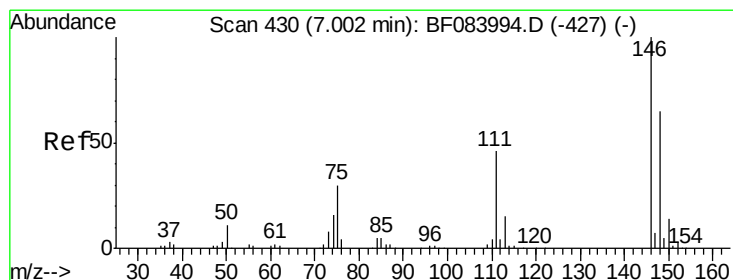
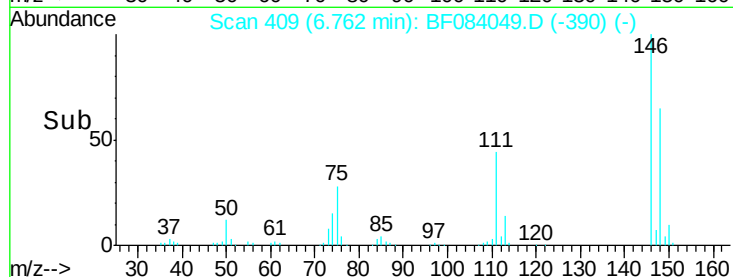
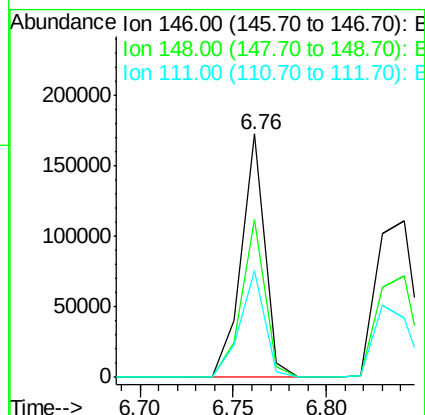
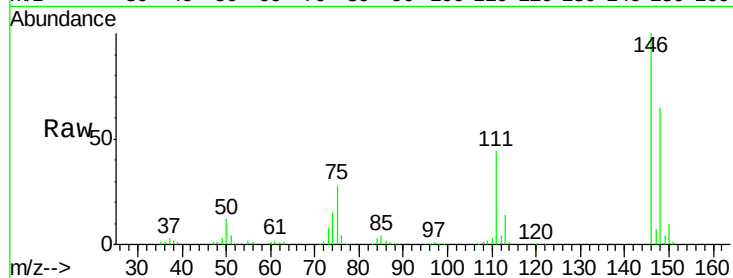




#13  
 1,4-Dichlorobenzene  
 Concen: 42.14 ng  
 RT: 6.76 min Scan# 409  
 Delta R.T. -0.08 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

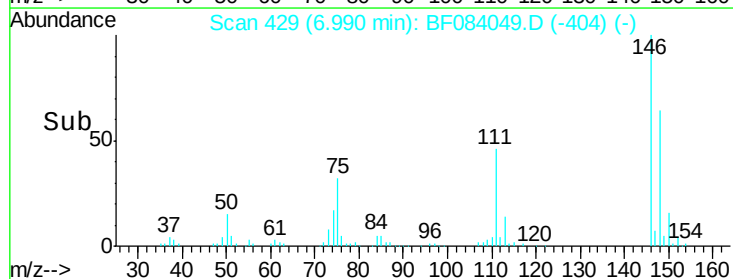
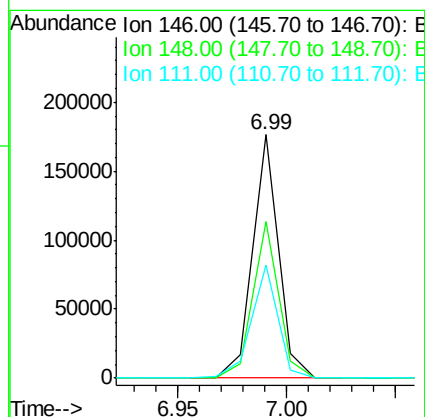
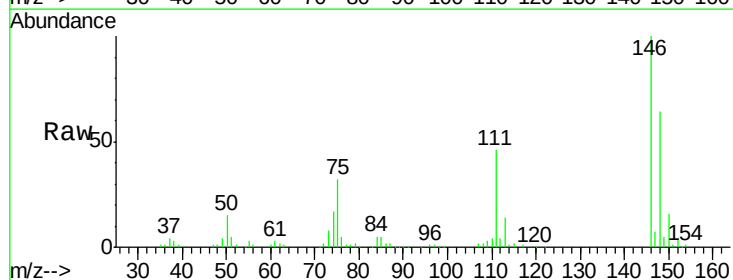
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87486BS

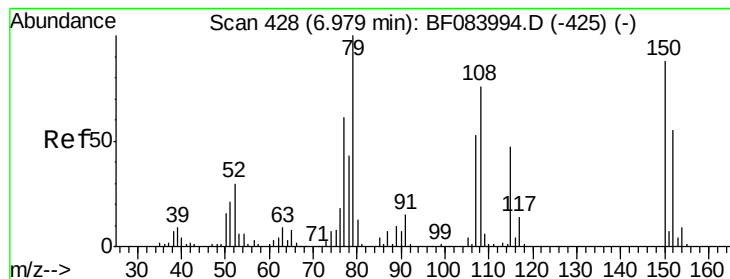
Tgt Ion:146 Resp: 153735  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 51.9 77.9  
 111 44.0 41.6 62.4



#14  
 1,2-Dichlorobenzene  
 Concen: 41.54 ng  
 RT: 6.99 min Scan# 429  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Tgt Ion:146 Resp: 144875  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 51.6 77.4  
 111 46.2 38.0 57.0





#15

Benzyl Alcohol

Concen: 41.86 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

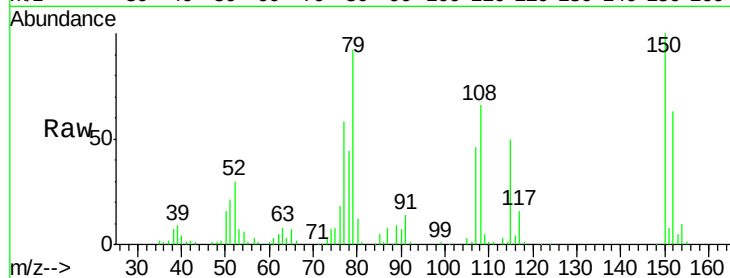
Tgt Ion: 79 Resp: 113181

Ion Ratio Lower Upper

79 100

108 71.4 69.0 103.4

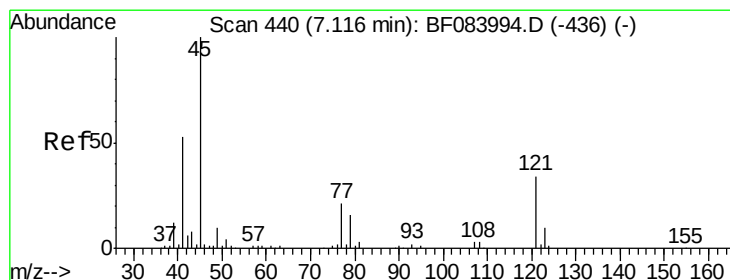
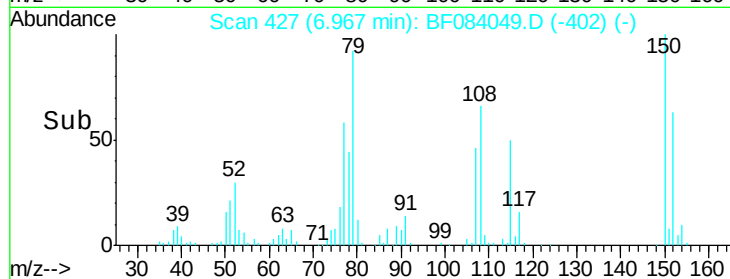
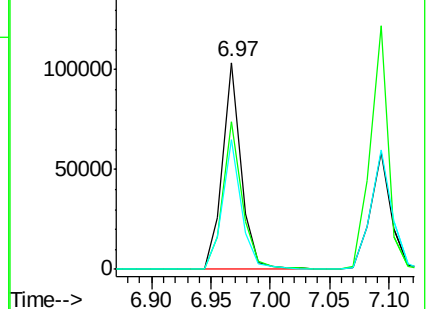
77 62.5 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.78 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

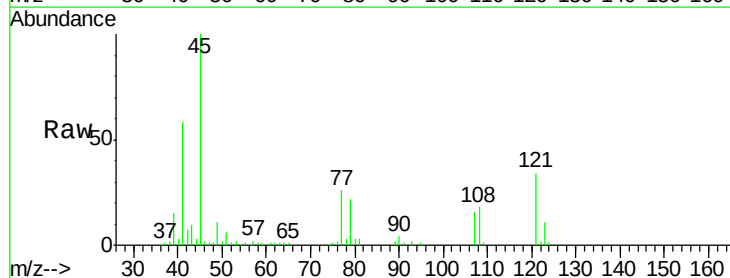
Tgt Ion: 45 Resp: 113645

Ion Ratio Lower Upper

45 100

77 26.1 0.0 39.6

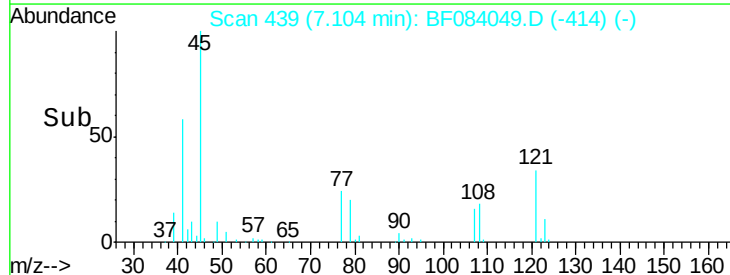
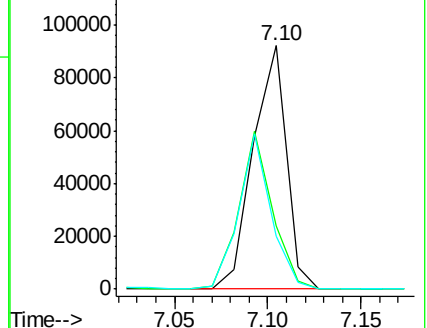
79 21.7 0.0 35.0

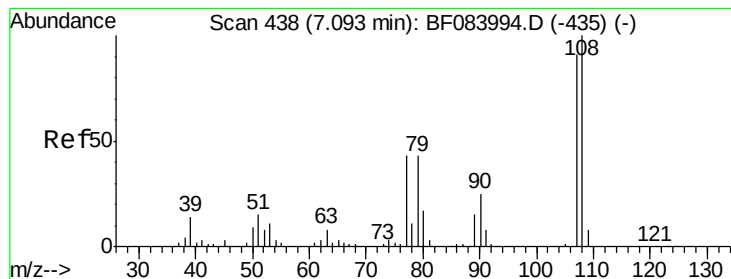


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 43.03 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

Tgt Ion:107 Resp: 115278

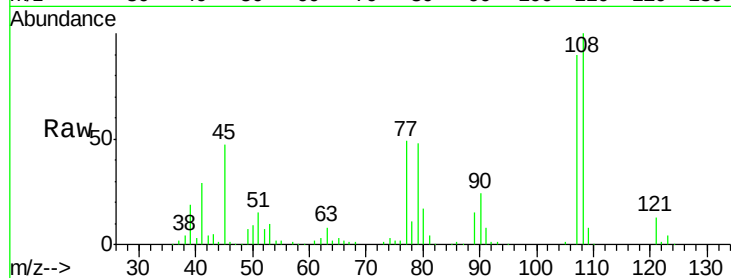
Ion Ratio Lower Upper

107 100

108 111.0 89.8 134.6

77 54.3 35.7 53.5#

79 53.5 35.7 53.5

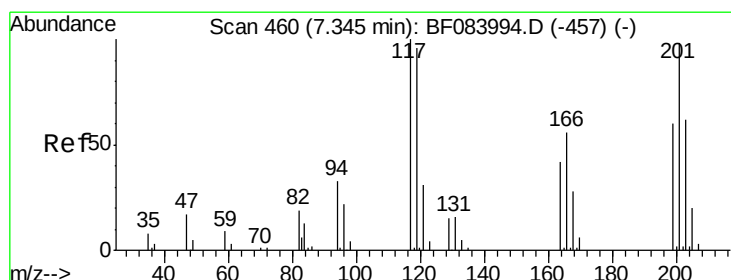
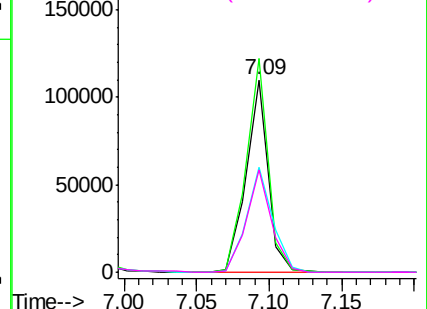
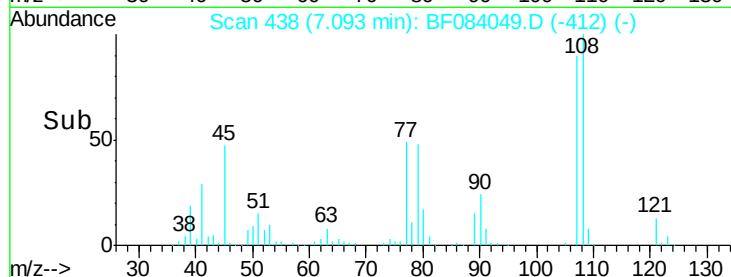


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.22 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

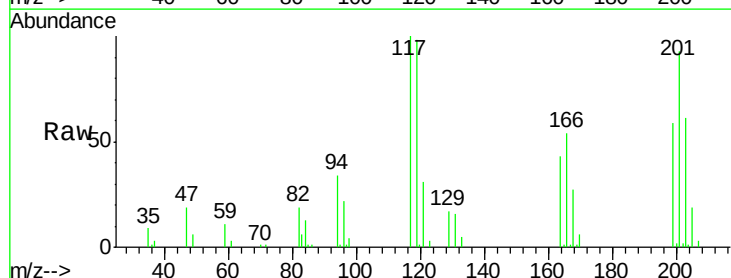
Tgt Ion:117 Resp: 55145

Ion Ratio Lower Upper

117 100

119 98.0 77.4 116.0

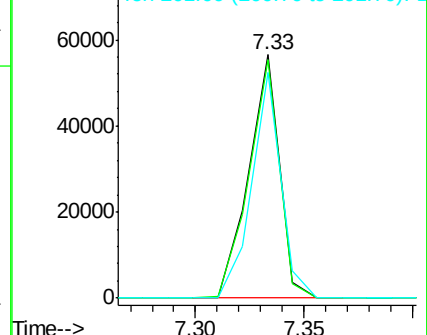
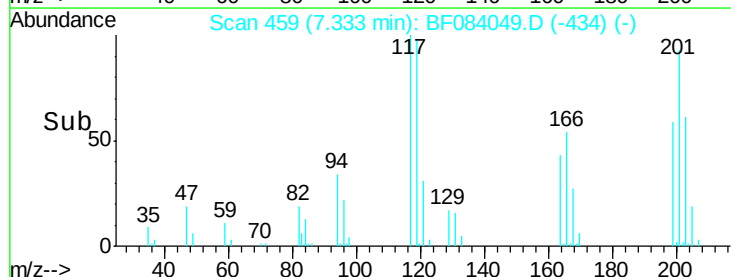
201 92.7 68.6 103.0

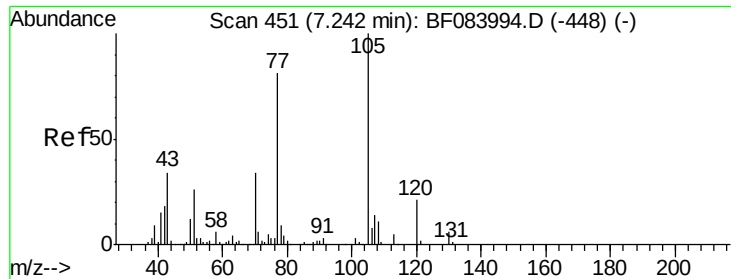


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

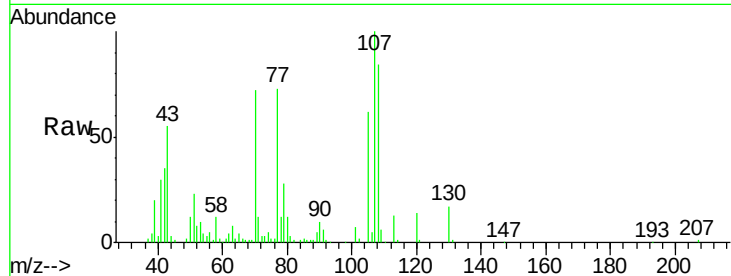




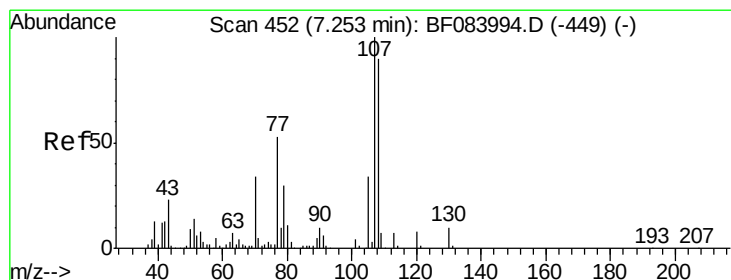
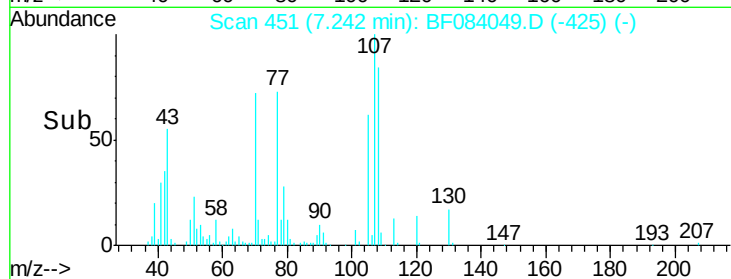
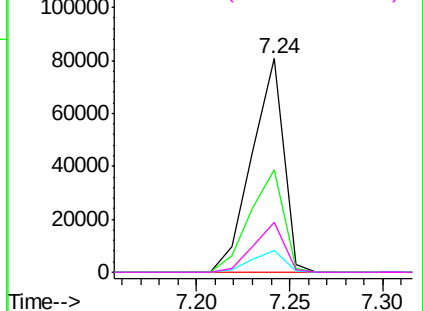
#19  
n-Nitroso-di-n-propylamine  
Concen: 45.68 ng  
RT: 7.24 min Scan# 451  
Delta R.T. -0.00 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

Instrument :  
BNA\_F  
ClientSampleId :  
PB87486BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 95056 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 48.0  | 33.3  | 49.9  |
| 101      | 10.0  | 9.3   | 13.9  |
| 130      | 23.5  | 23.4  | 35.0  |

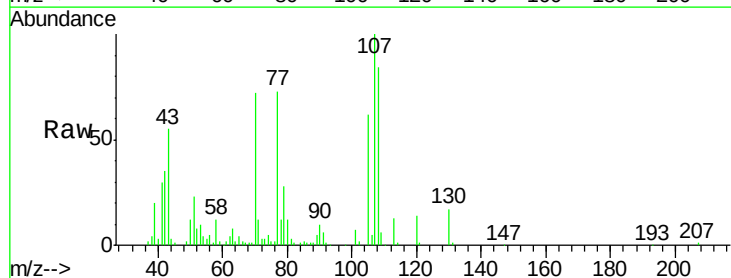


Abundance Ion 70.00 (69.70 to 70.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

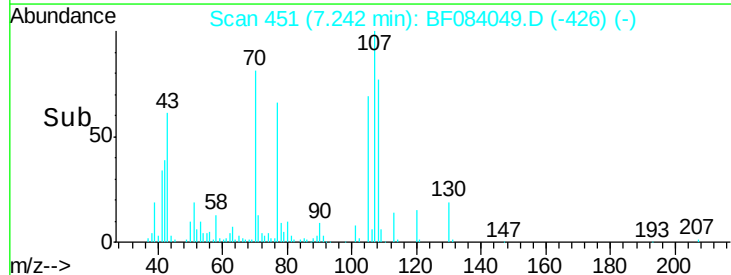
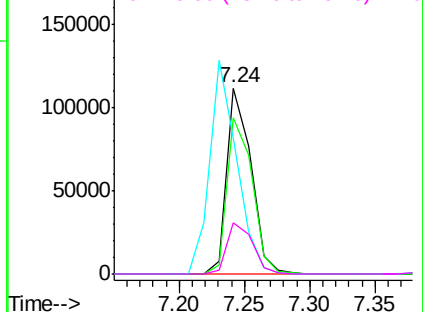


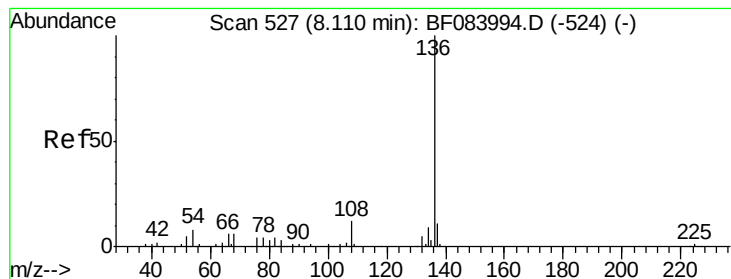
#20  
3+4-Methylphenols  
Concen: 43.53 ng  
RT: 7.24 min Scan# 451  
Delta R.T. -0.01 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 143898 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 83.7  | 64.1  | 104.1  |
| 77       | 73.0  | 128.9 | 168.9# |
| 79       | 27.8  | 9.6   | 49.6   |



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

Tgt Ion:136 Resp: 195541

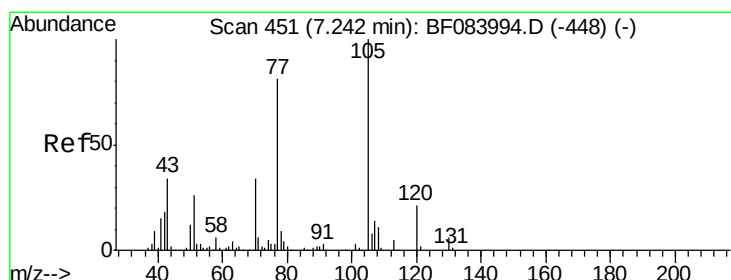
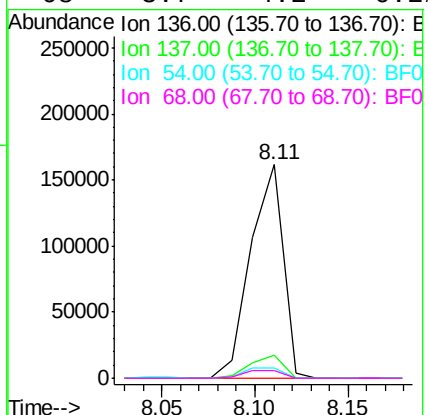
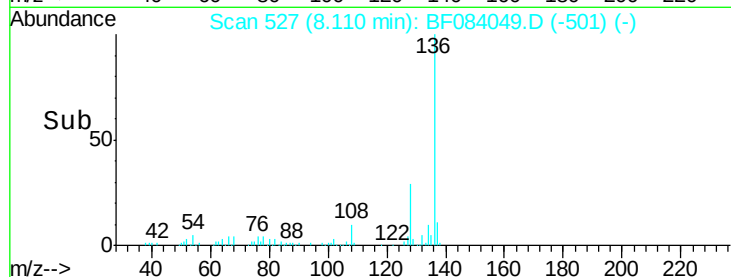
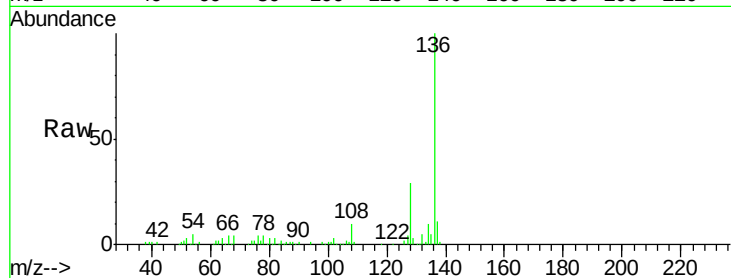
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 4.6 5.8 8.8#

68 3.7 4.2 6.2#



#22

Acetophenone

Concen: 40.97 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Tgt Ion:105 Resp: 187961

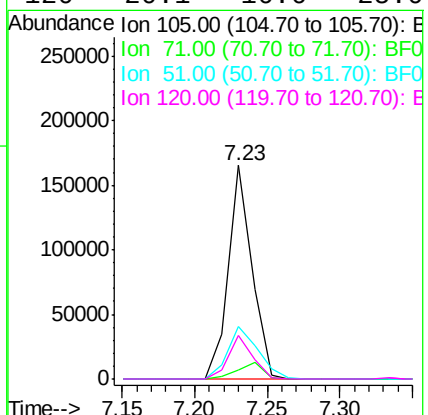
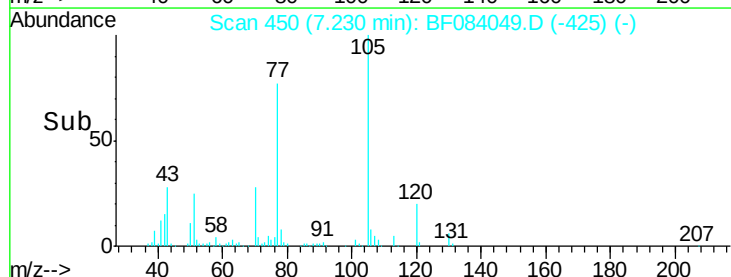
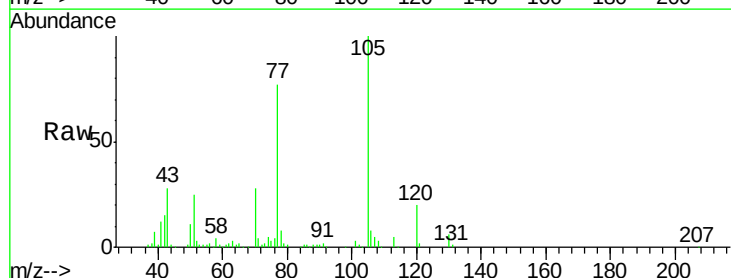
Ion Ratio Lower Upper

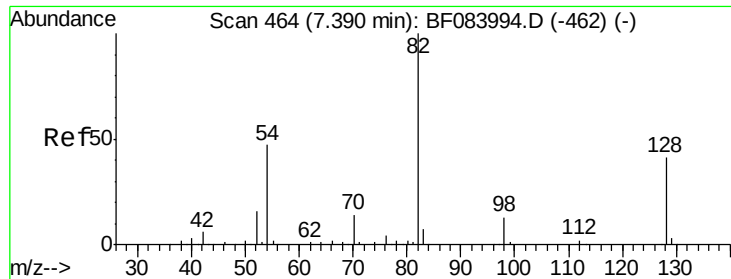
105 100

71 4.5 3.7 5.5

51 24.6 25.1 37.7#

120 20.1 16.6 25.0

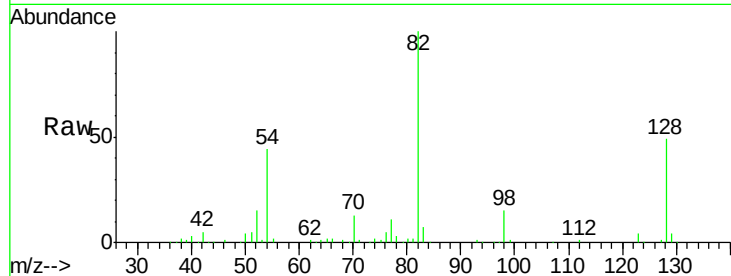




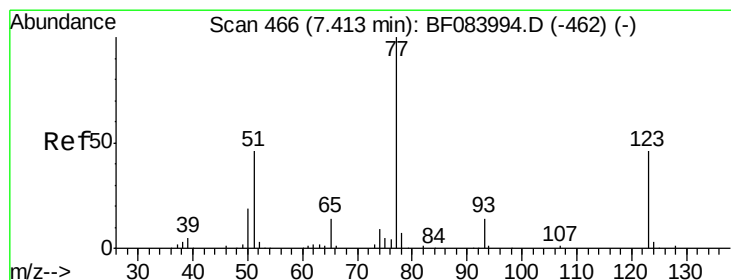
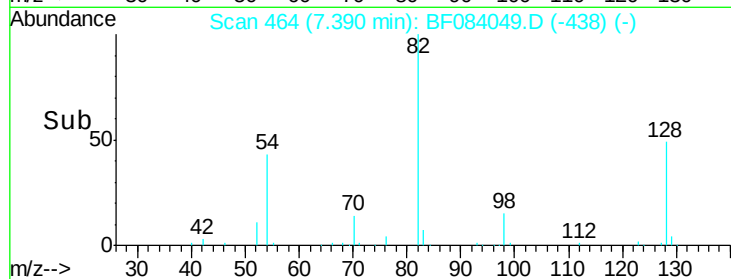
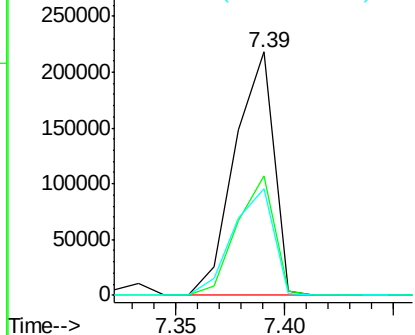
#23  
 Nitrobenzene-d5  
 Concen: 85.20 ng  
 RT: 7.39 min Scan# 464  
 Delta R.T. -0.00 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87486BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 49.0  | 34.6  | 51.8  |
| 54      | 43.9  | 38.4  | 57.6  |

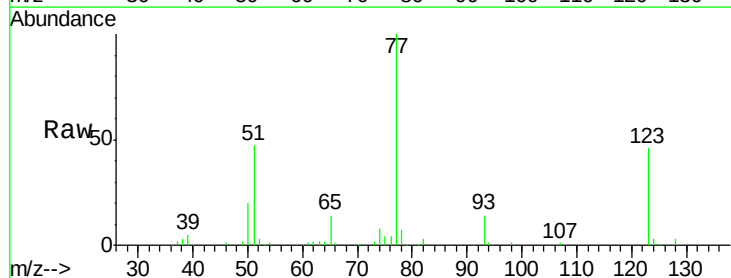


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

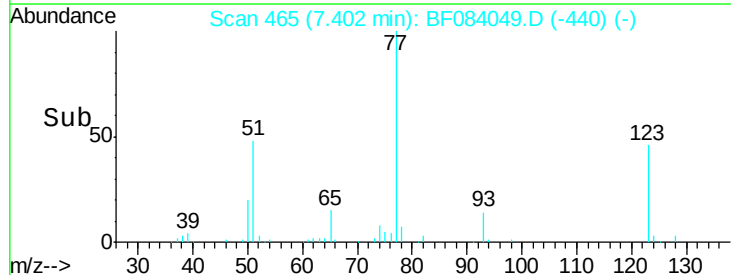
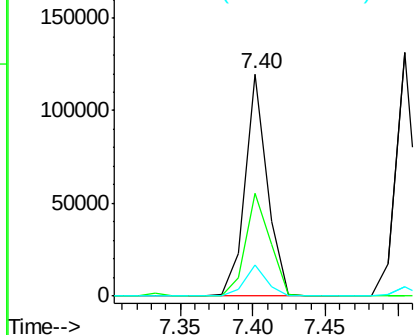


#24  
 Nitrobenzene  
 Concen: 38.91 ng  
 RT: 7.40 min Scan# 465  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

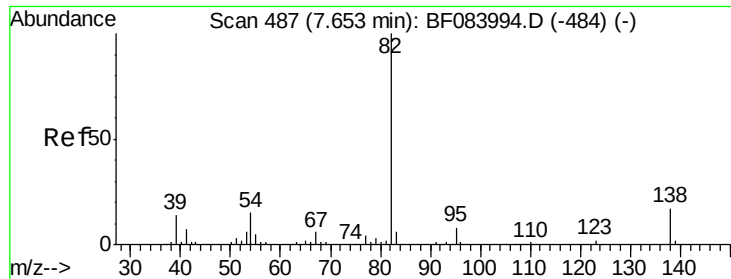
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.3  | 37.4  | 56.2  |
| 65      | 14.2  | 10.9  | 16.3  |



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







#25

Isophorone

Concen: 40.11 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

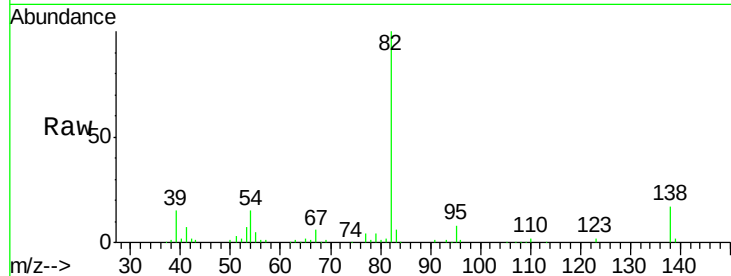
Tgt Ion: 82 Resp: 241913

Ion Ratio Lower Upper

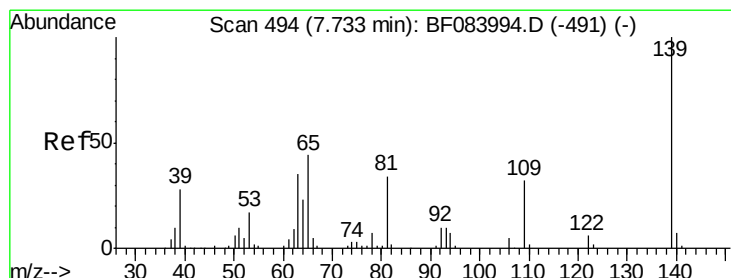
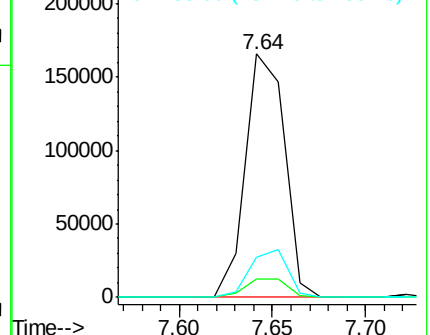
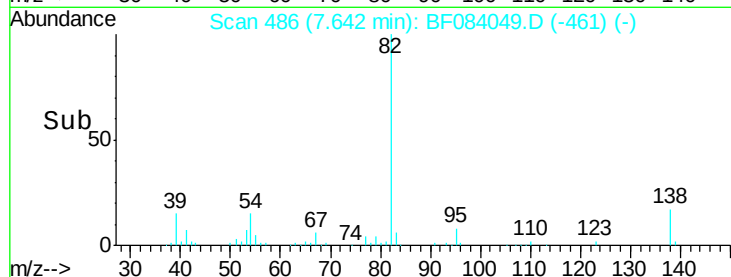
82 100

95 7.8 6.6 10.0

138 16.7 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: 36.51 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

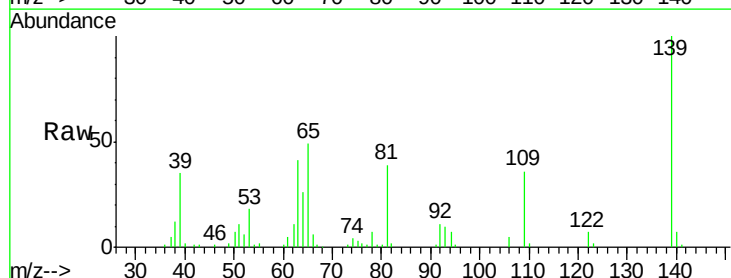
Tgt Ion: 139 Resp: 64467

Ion Ratio Lower Upper

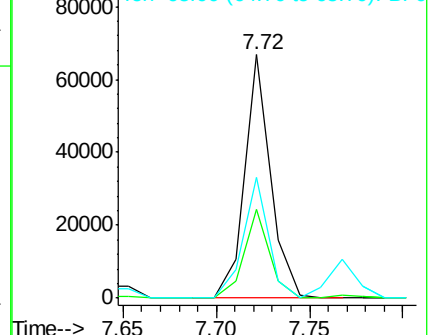
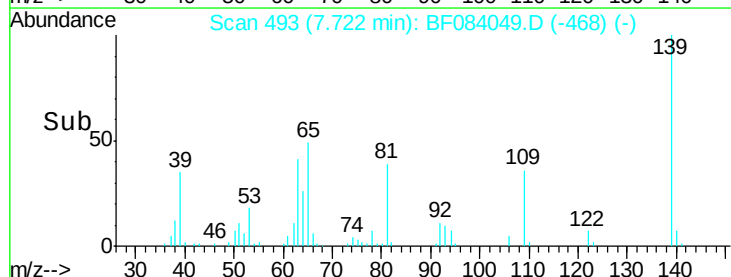
139 100

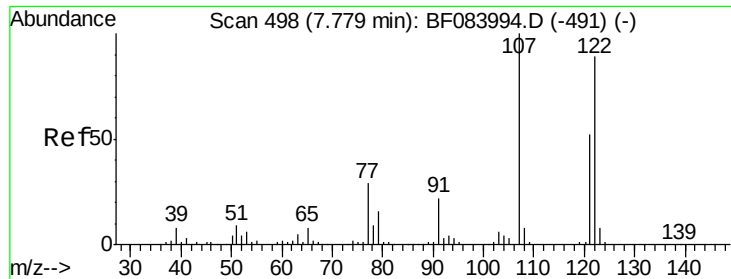
109 36.3 25.4 38.2

65 49.3 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: 39.69 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

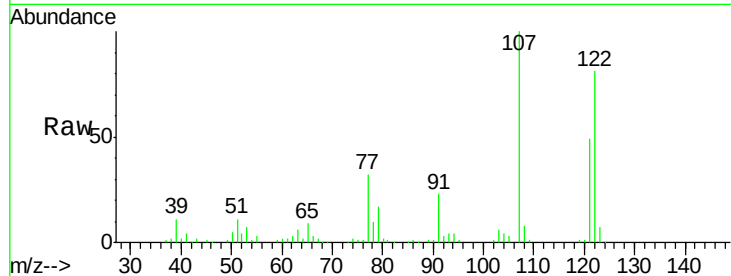
Tgt Ion:122 Resp: 122136

Ion Ratio Lower Upper

122 100

107 124.1 99.1 148.7

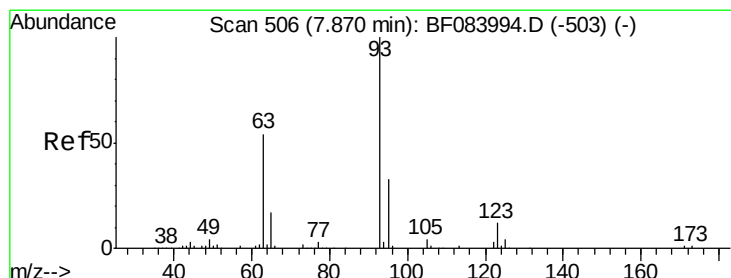
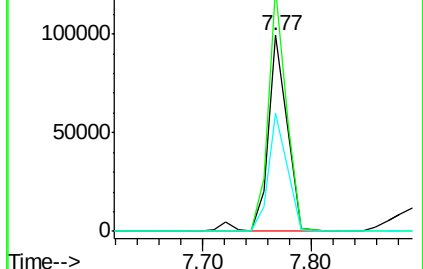
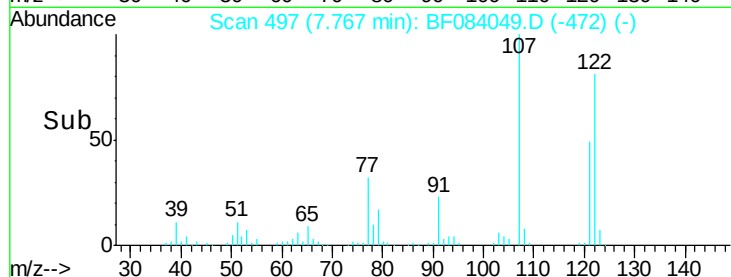
121 60.5 47.9 71.9



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: 42.72 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

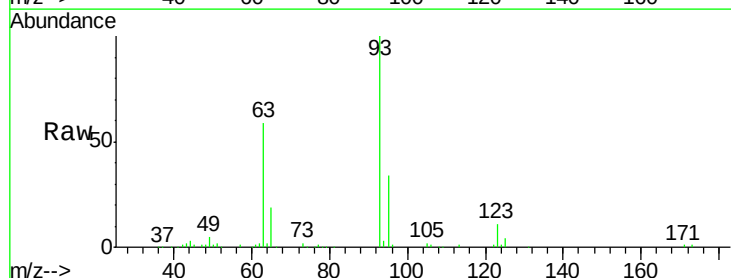
Tgt Ion: 93 Resp: 159615

Ion Ratio Lower Upper

93 100

95 33.6 25.8 38.6

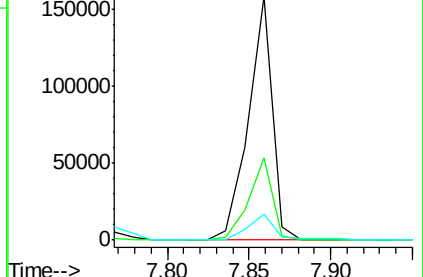
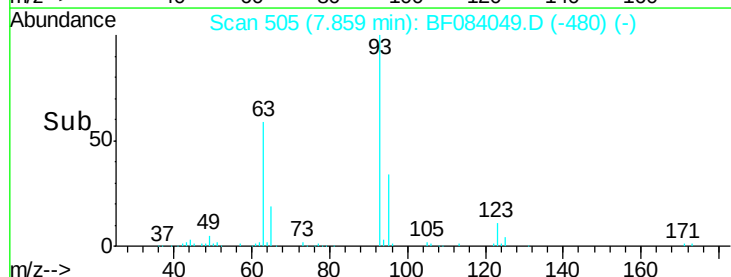
123 10.9 8.6 12.8

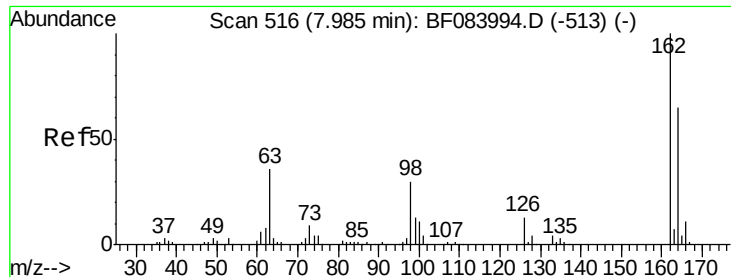


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

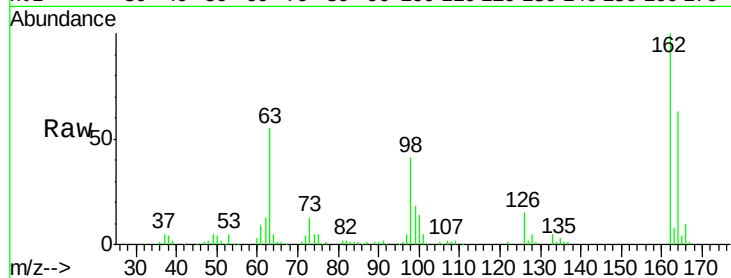




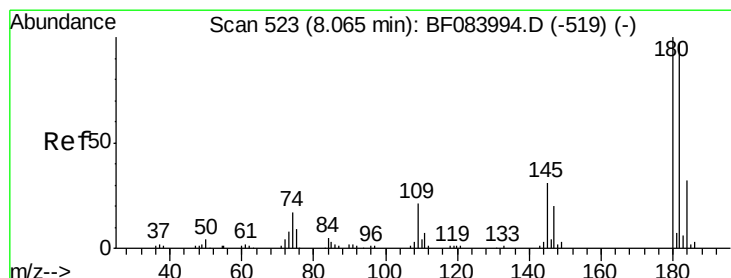
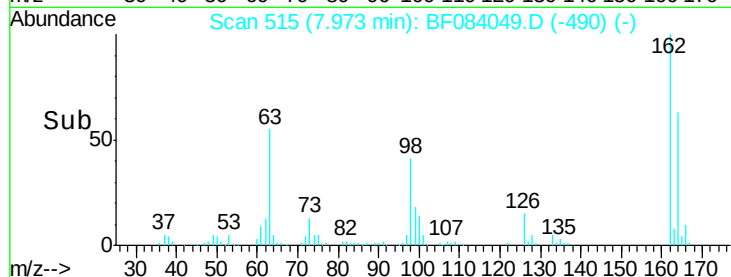
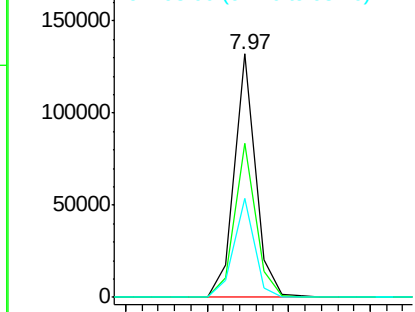
#29  
 2,4-Dichlorophenol  
 Concen: 43.01 ng  
 RT: 7.97 min Scan# 515  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87486BS

Tgt Ion:162 Resp: 118229  
 Ion Ratio Lower Upper  
 162 100  
 164 63.3 44.1 84.1  
 98 40.6 20.2 60.2

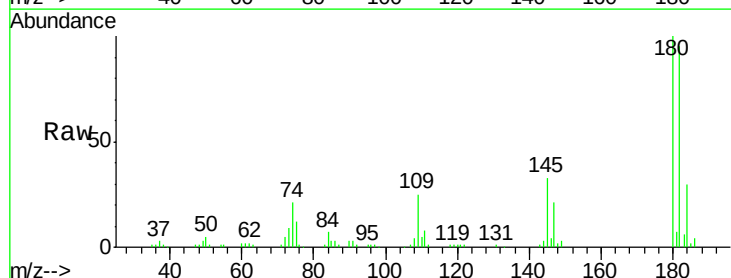


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

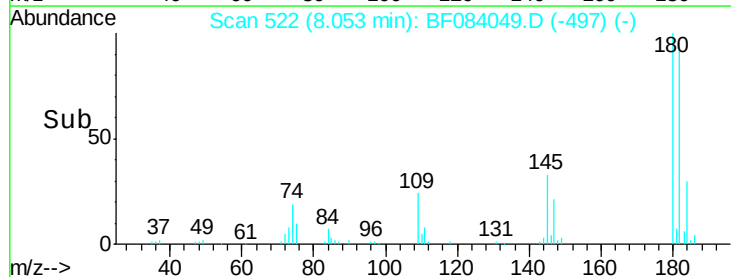
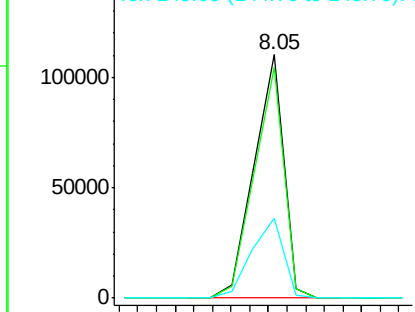


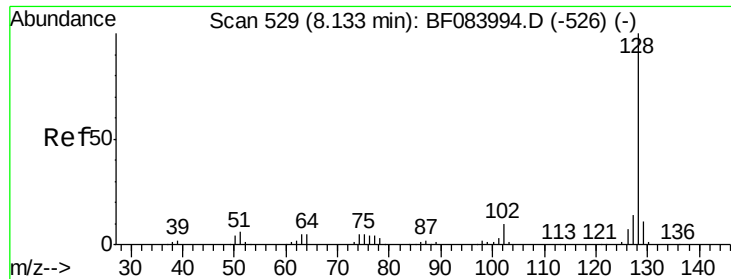
#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.44 ng  
 RT: 8.05 min Scan# 522  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Tgt Ion:180 Resp: 121698  
 Ion Ratio Lower Upper  
 180 100  
 182 94.7 76.4 114.6  
 145 32.7 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

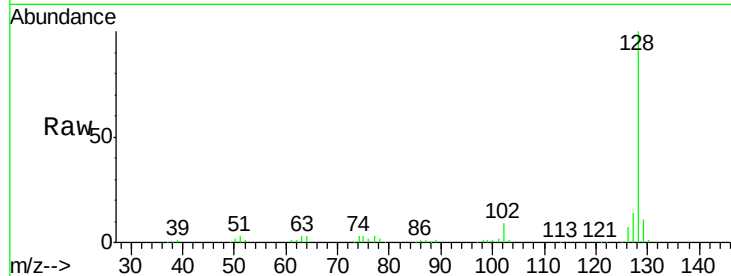




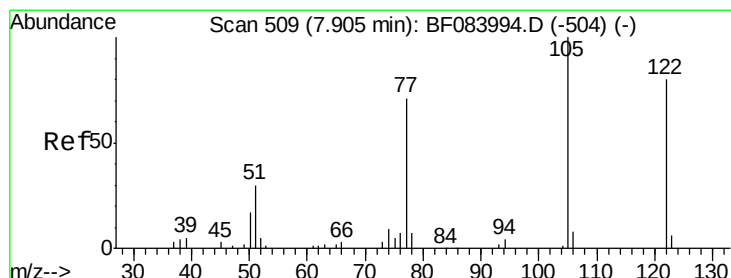
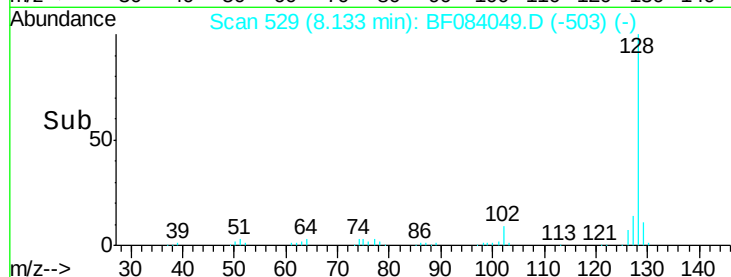
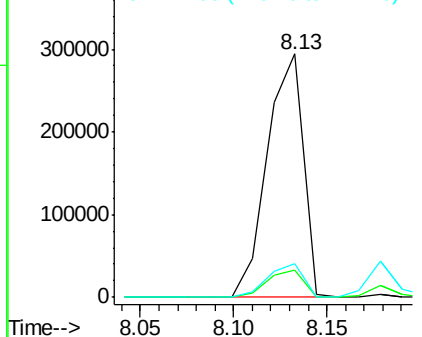
#31  
Naphthalene  
Concen: 39.95 ng  
RT: 8.13 min Scan# 529  
Delta R.T. -0.00 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

Instrument :  
BNA\_F  
ClientSampleId :  
PB87486BS

Tgt Ion:128 Resp: 399039  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.1 13.7  
127 13.7 11.1 16.7

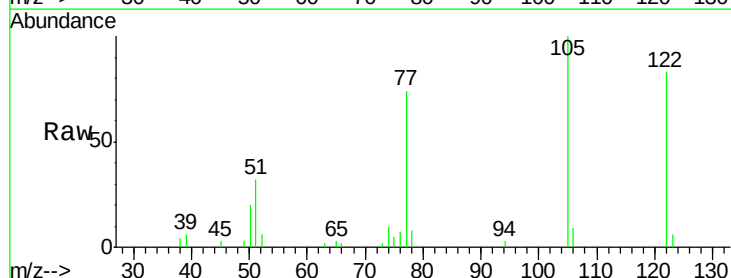


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

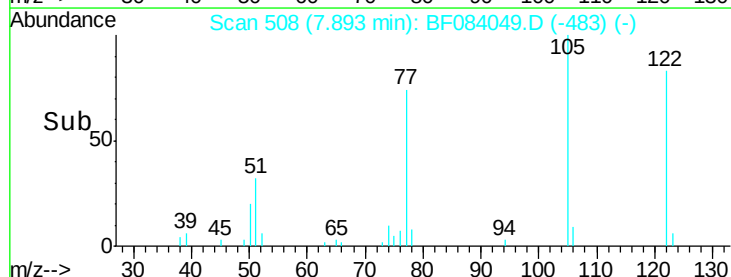
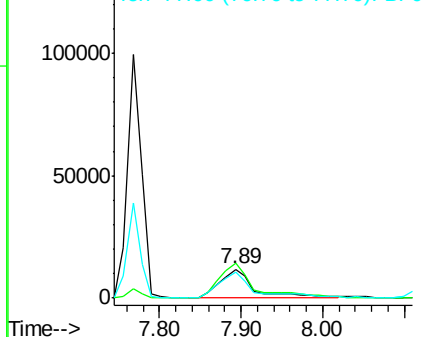


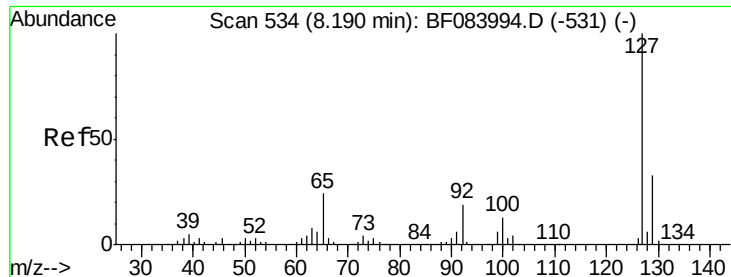
#32  
Benzoic acid  
Concen: 27.73 ng  
RT: 7.89 min Scan# 508  
Delta R.T. -0.01 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

Tgt Ion:122 Resp: 35803  
Ion Ratio Lower Upper  
122 100  
105 121.1 100.3 140.3  
77 89.9 63.5 103.5



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

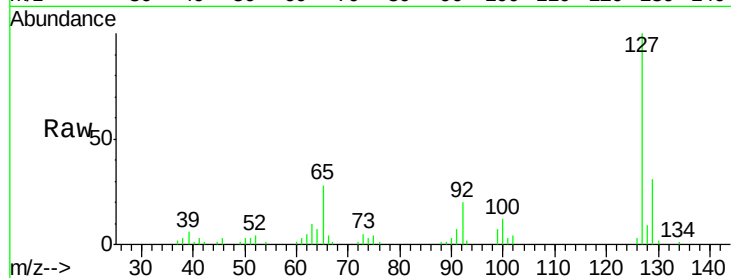




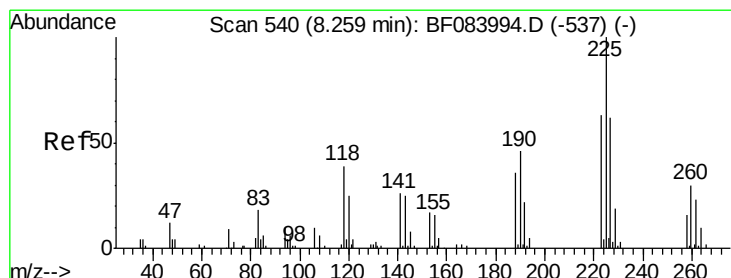
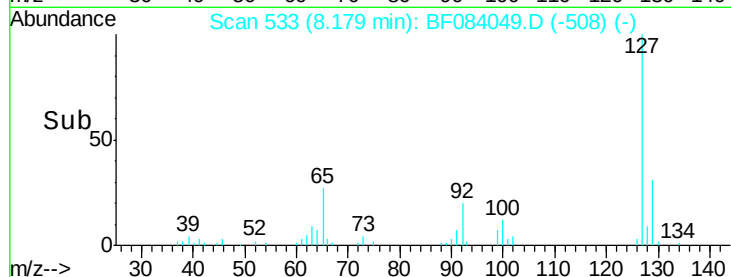
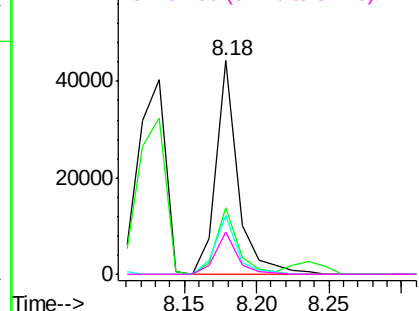
#33  
4-Chloroaniline  
Concen: 11.38 ng  
RT: 8.18 min Scan# 533  
Delta R.T. -0.01 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

Instrument :  
BNA\_F  
ClientSampleId :  
PB87486BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 46490 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.4  | 26.5  | 39.7  |
| 65       | 27.6  | 27.2  | 40.8  |
| 92       | 19.8  | 17.7  | 26.5  |

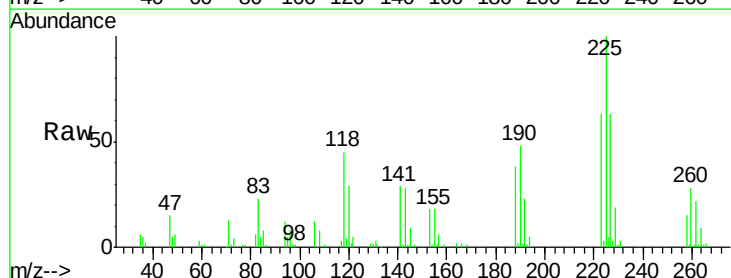


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

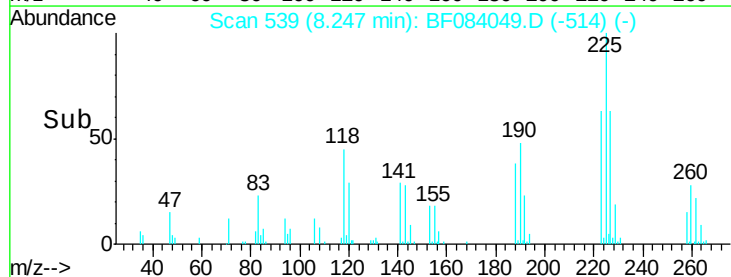
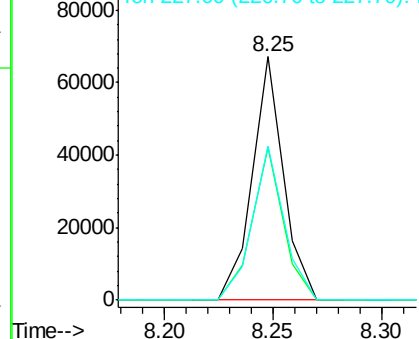


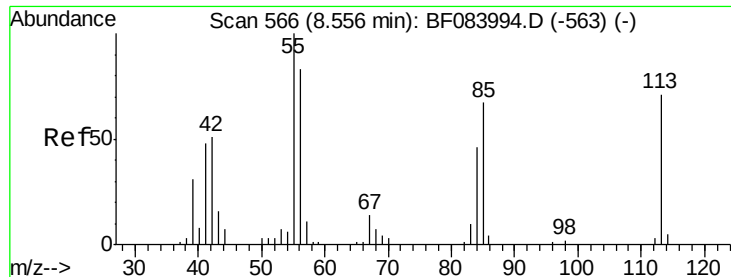
#34  
Hexachlorobutadiene  
Concen: 39.13 ng  
RT: 8.25 min Scan# 539  
Delta R.T. -0.01 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 67066 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.9  | 49.4  | 74.0  |
| 227      | 63.2  | 50.8  | 76.2  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

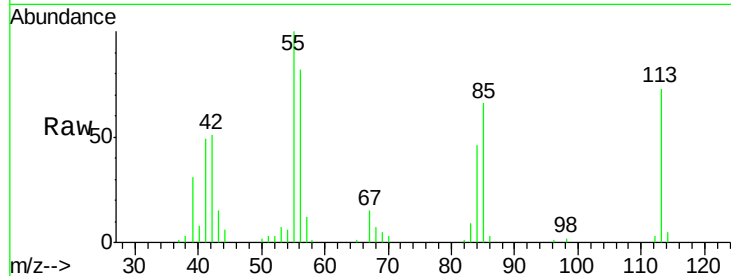




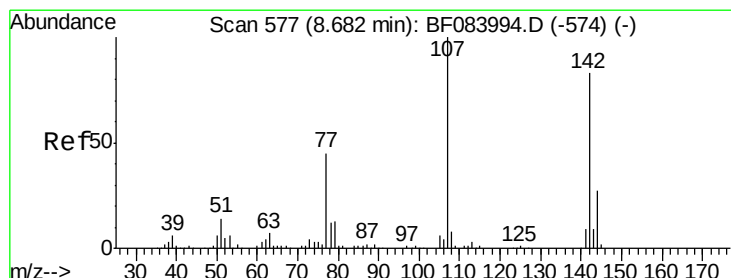
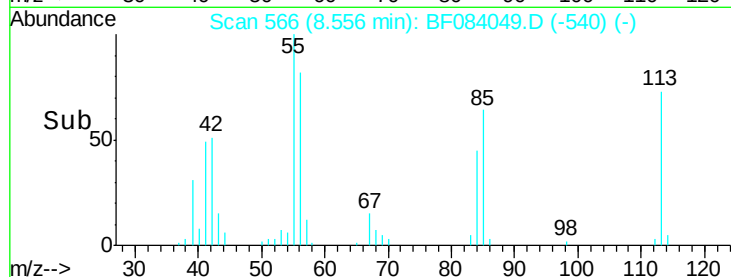
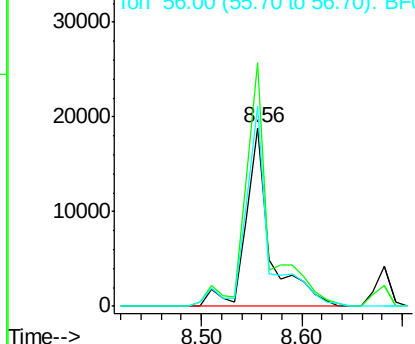
#35  
 Caprolactam  
 Concen: 38.67 ng  
 RT: 8.56 min Scan# 566  
 Delta R.T. -0.00 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87486BS

Tgt Ion:113 Resp: 31949  
 Ion Ratio Lower Upper  
 113 100  
 55 136.4 116.9 156.9  
 56 112.0 93.8 133.8

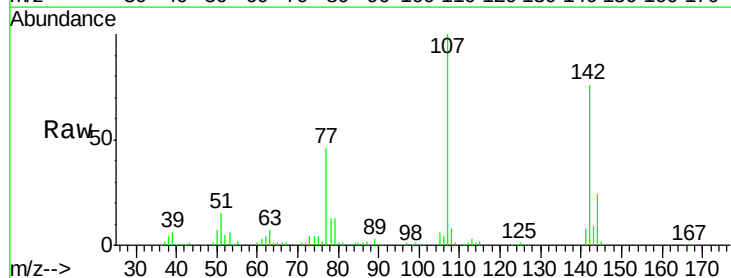


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

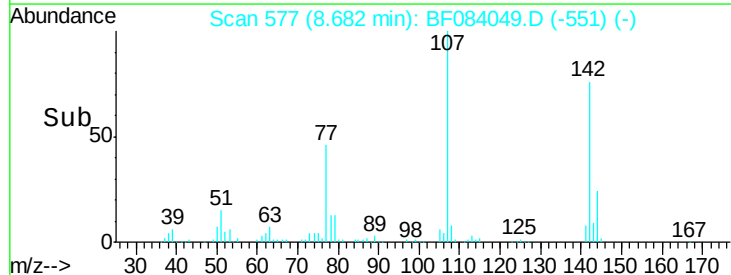
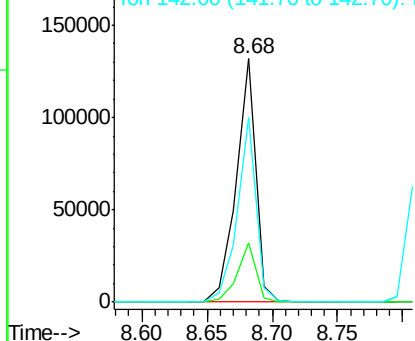


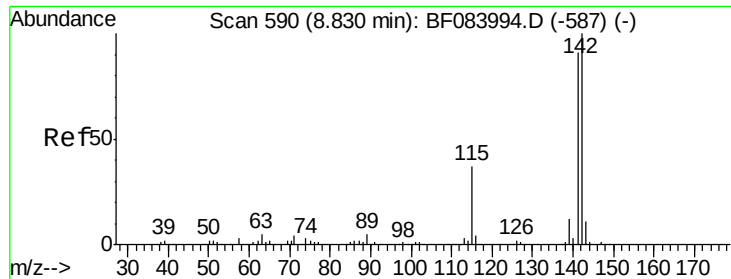
#36  
 4-Chloro-3-methylphenol  
 Concen: 46.55 ng  
 RT: 8.68 min Scan# 577  
 Delta R.T. -0.00 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Tgt Ion:107 Resp: 136897  
 Ion Ratio Lower Upper  
 107 100  
 144 24.2 19.7 29.5  
 142 75.8 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

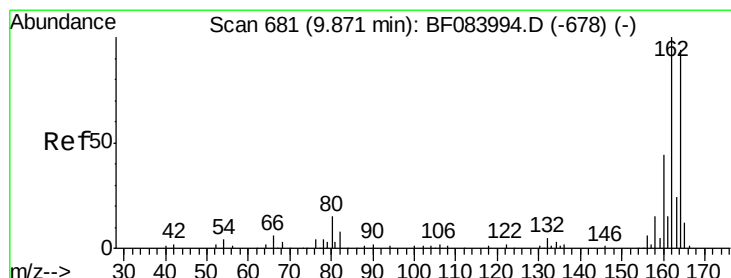
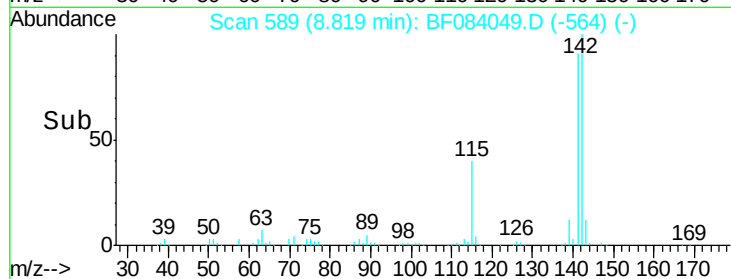
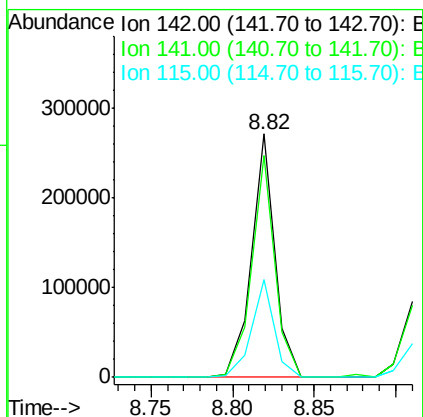
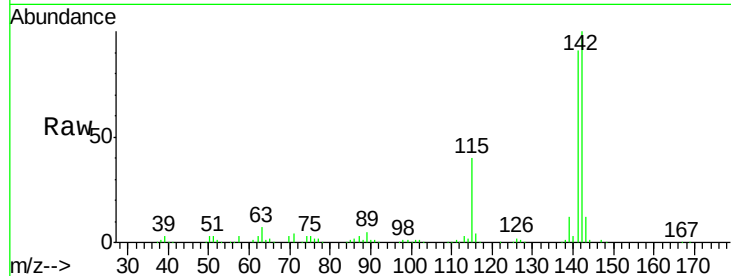




#37  
 2-Methylnaphthalene  
 Concen: 41.74 ng  
 RT: 8.82 min Scan# 589  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

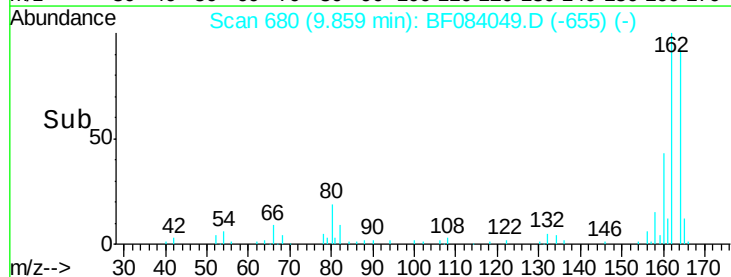
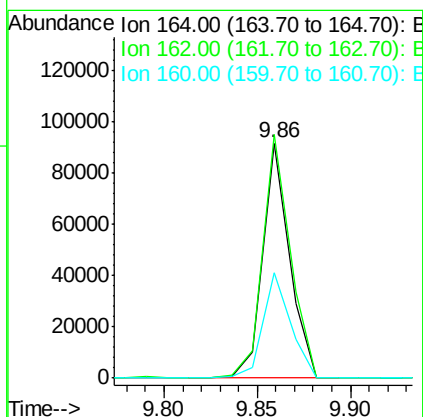
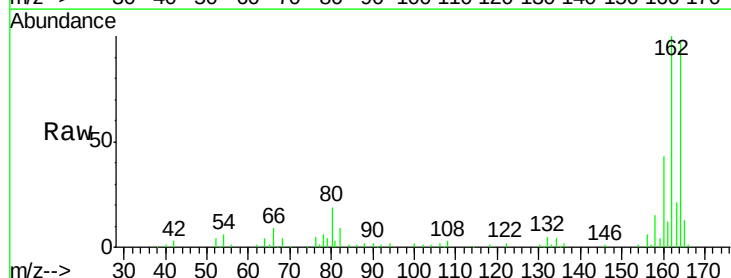
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87486BS

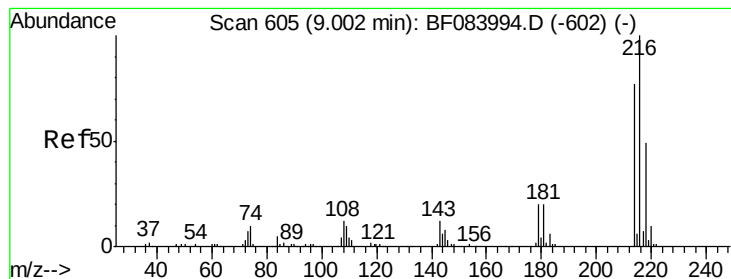
Tgt Ion:142 Resp: 269991  
 Ion Ratio Lower Upper  
 142 100  
 141 91.0 72.4 108.6  
 115 40.1 27.9 41.9



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.86 min Scan# 680  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Tgt Ion:164 Resp: 90524  
 Ion Ratio Lower Upper  
 164 100  
 162 103.5 85.1 127.7  
 160 44.9 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.88 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

Tgt Ion:216 Resp: 116683

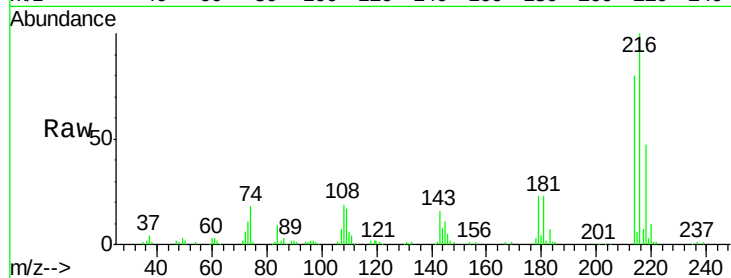
Ion Ratio Lower Upper

216 100

214 80.2 64.2 96.2

179 23.5 18.7 28.1

108 21.3 16.8 25.2

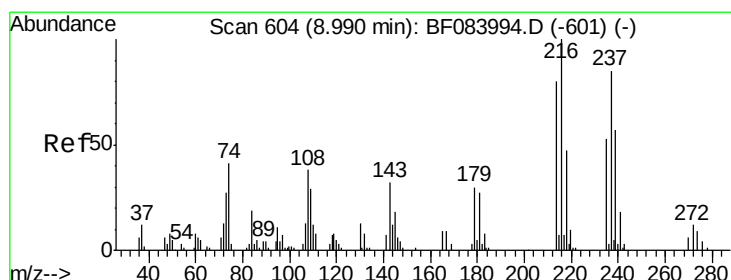
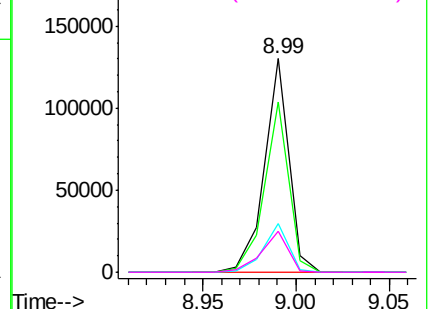
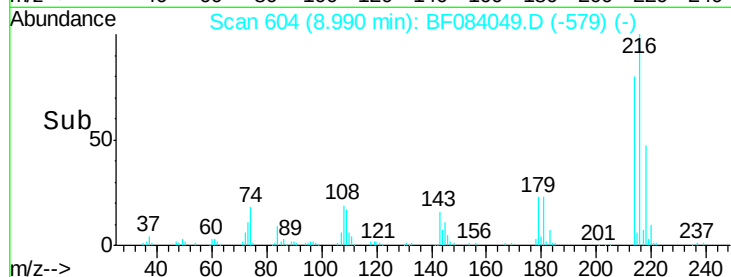


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.64 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

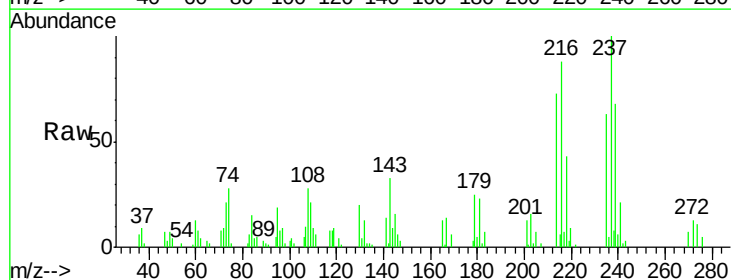
Tgt Ion:237 Resp: 27493

Ion Ratio Lower Upper

237 100

235 63.3 43.1 83.1

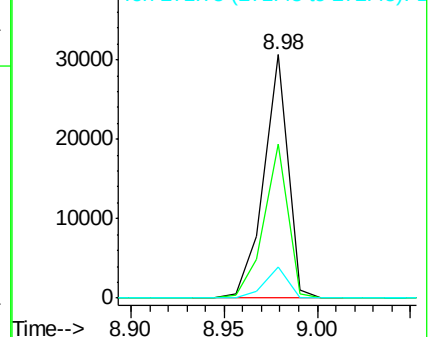
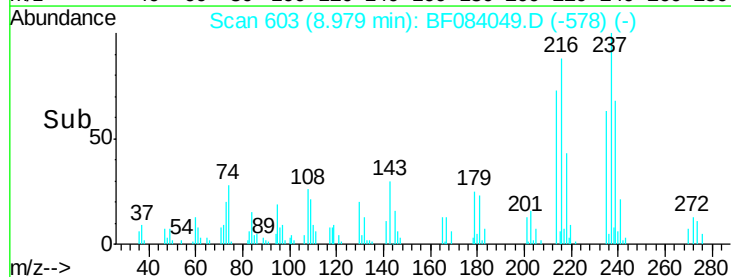
272 12.8 0.0 35.1



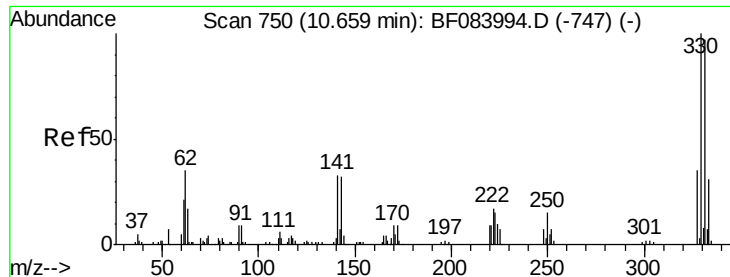
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



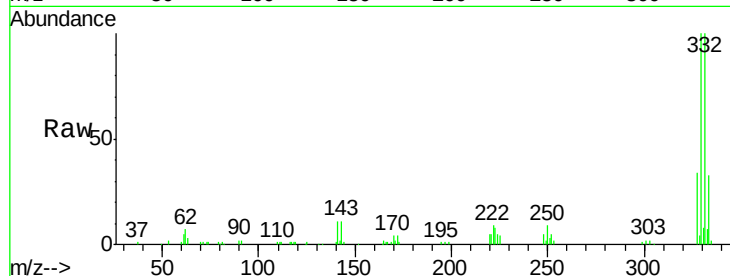




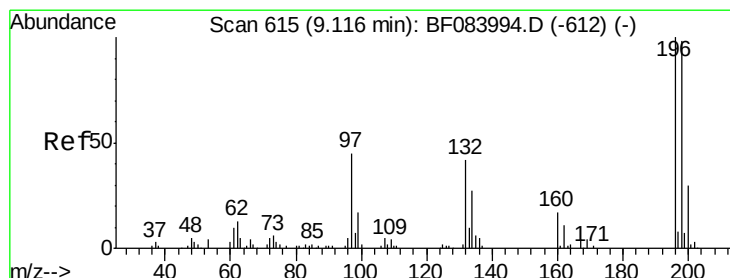
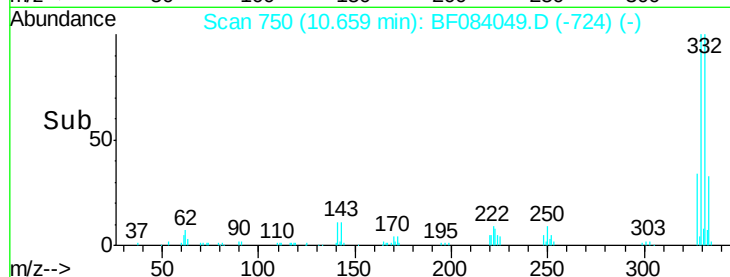
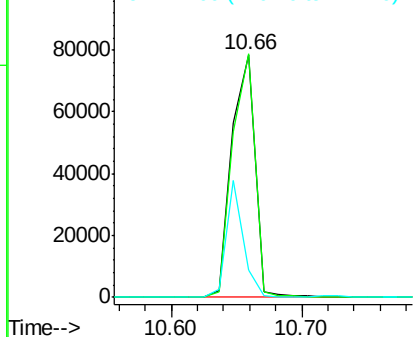
#41  
 2,4,6-Tribromophenol  
 Concen: 110.83 ng  
 RT: 10.66 min Scan# 750  
 Delta R.T. -0.00 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87486BS

Tgt Ion:330 Resp: 96502  
 Ion Ratio Lower Upper  
 330 100  
 332 97.8 76.6 114.8  
 141 35.4 27.8 41.6

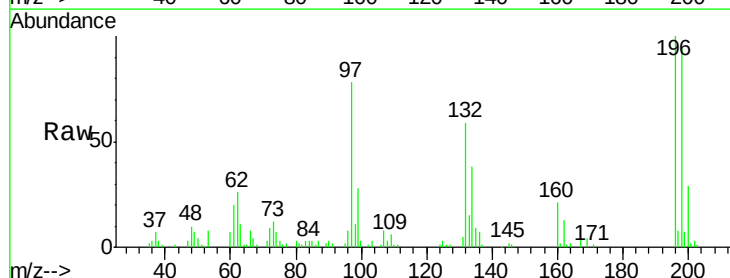


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

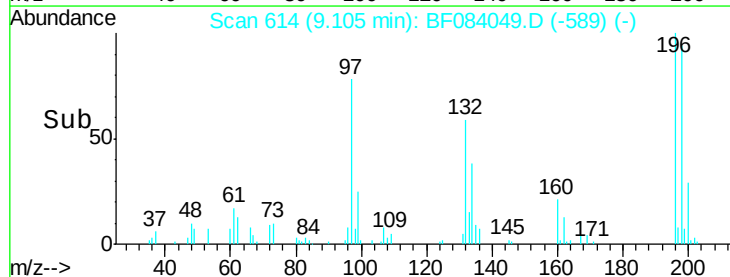
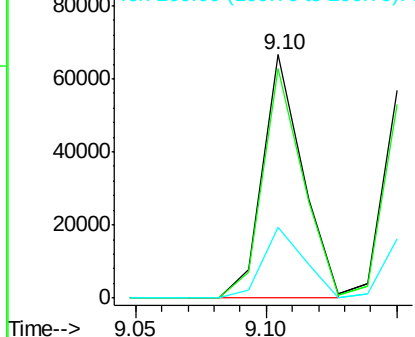


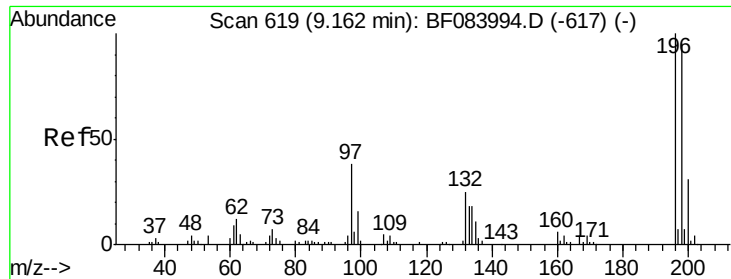
#42  
 2,4,6-Trichlorophenol  
 Concen: 42.98 ng  
 RT: 9.10 min Scan# 614  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Tgt Ion:196 Resp: 70430  
 Ion Ratio Lower Upper  
 196 100  
 198 94.5 77.7 116.5  
 200 28.9 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

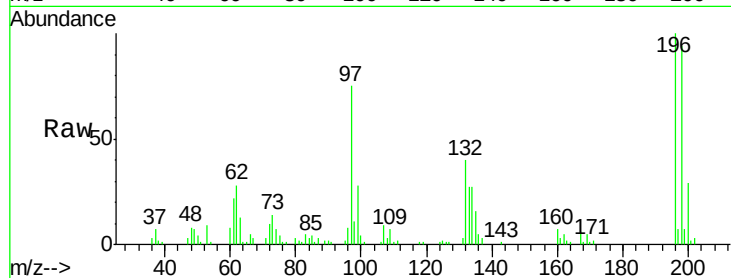




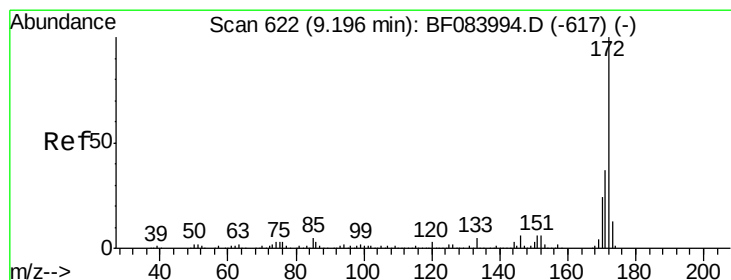
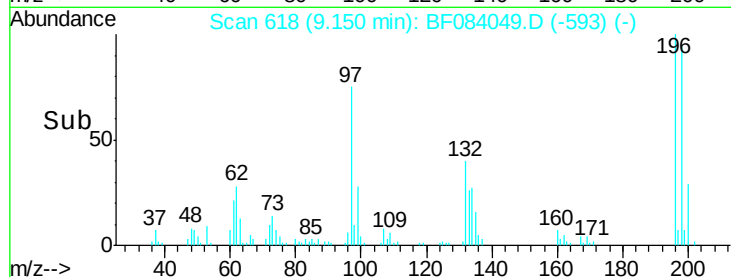
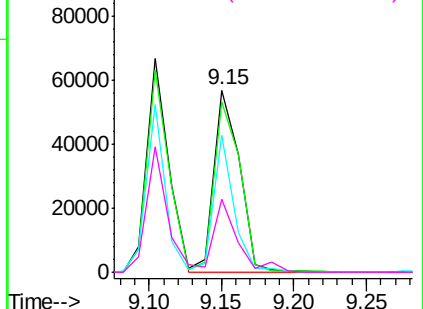
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.90 ng  
 RT: 9.15 min Scan# 618  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87486BS

Tgt Ion:196 Resp: 69752  
 Ion Ratio Lower Upper  
 196 100  
 198 93.5 79.0 118.6  
 97 75.3 33.0 49.6#  
 132 40.4 21.1 31.7#

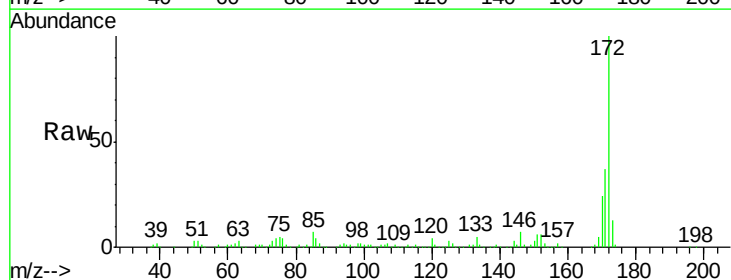


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

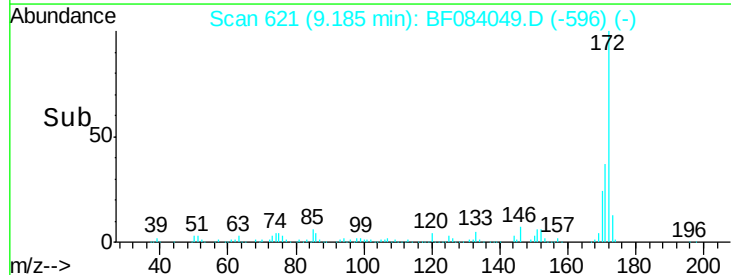
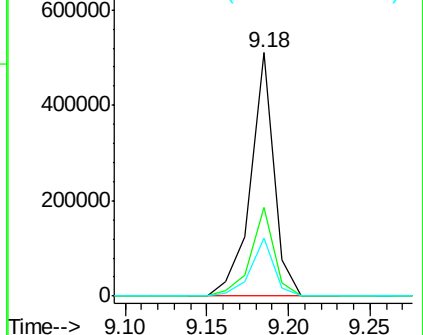


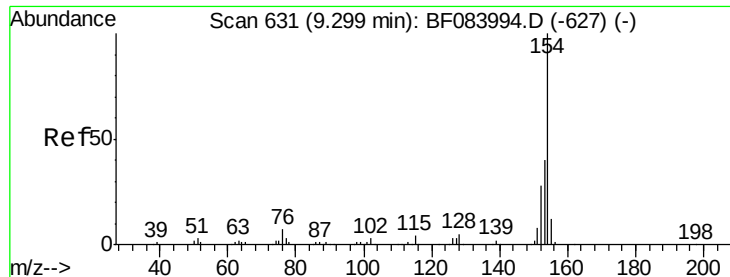
#44  
 2-Fluorobiphenyl  
 Concen: 75.55 ng  
 RT: 9.18 min Scan# 621  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Tgt Ion:172 Resp: 508154  
 Ion Ratio Lower Upper  
 172 100  
 171 36.5 28.9 43.3  
 170 24.0 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

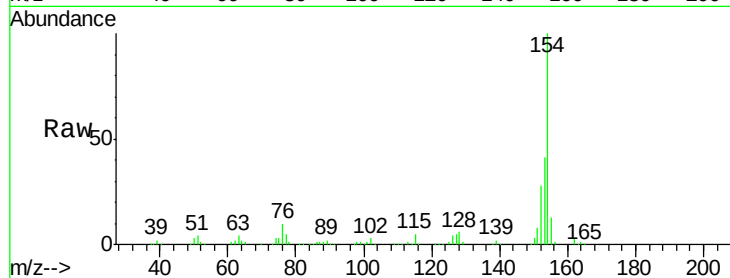




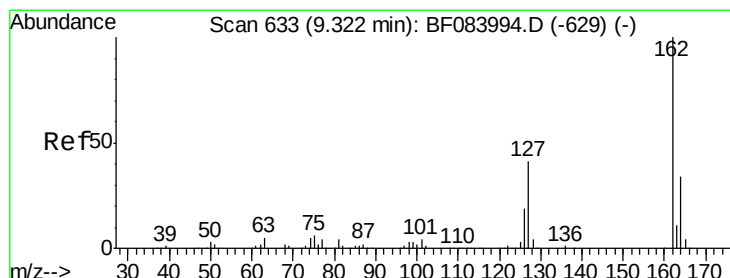
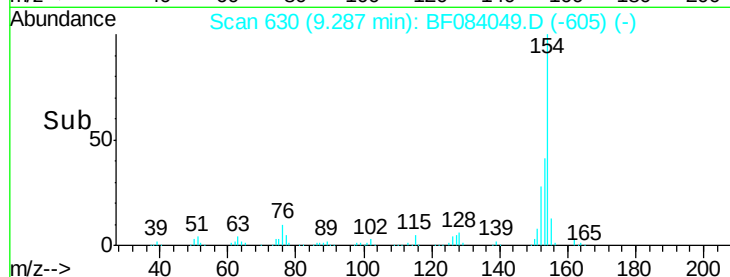
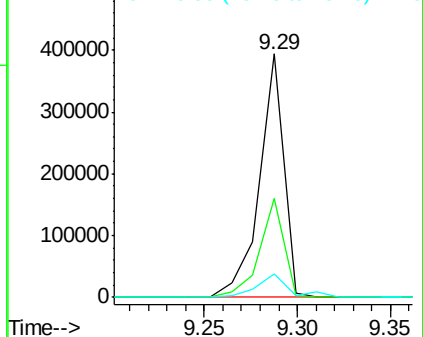
#45  
 1,1'-Biphenyl  
 Concen: 43.97 ng  
 RT: 9.29 min Scan# 630  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87486BS

Tgt Ion:154 Resp: 351845  
 Ion Ratio Lower Upper  
 154 100  
 153 40.7 21.6 61.6  
 76 9.7 0.0 32.7

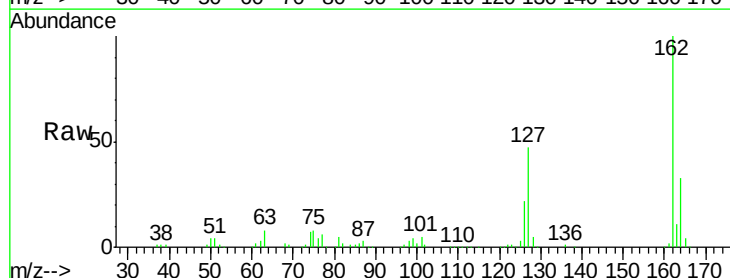


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

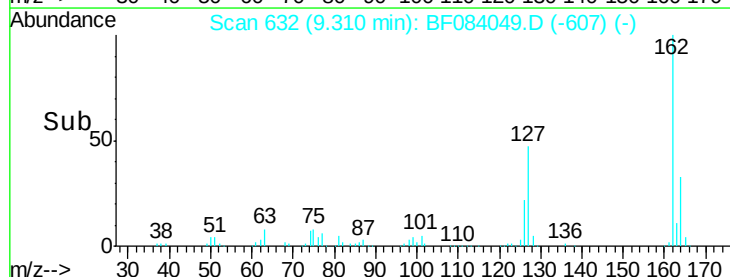
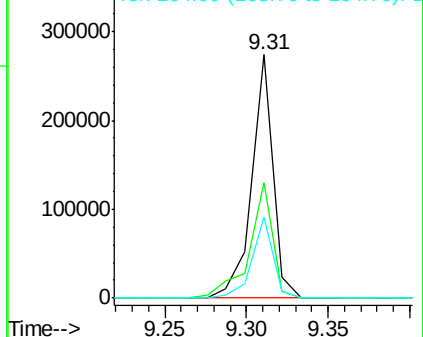


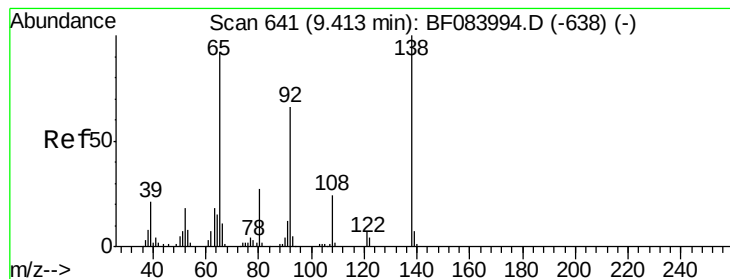
#46  
 2-Chloronaphthalene  
 Concen: 42.97 ng  
 RT: 9.31 min Scan# 632  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Tgt Ion:162 Resp: 247564  
 Ion Ratio Lower Upper  
 162 100  
 127 47.4 40.2 60.4  
 164 33.1 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: 44.97 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

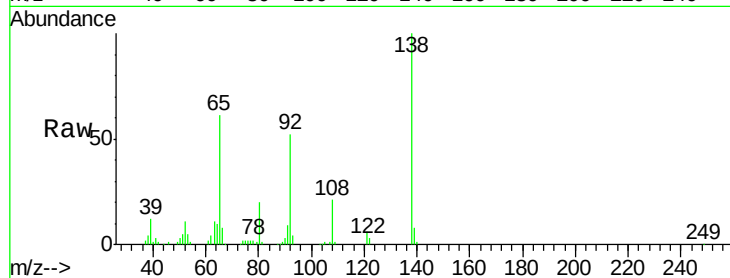
Tgt Ion: 65 Resp: 70626

Ion Ratio Lower Upper

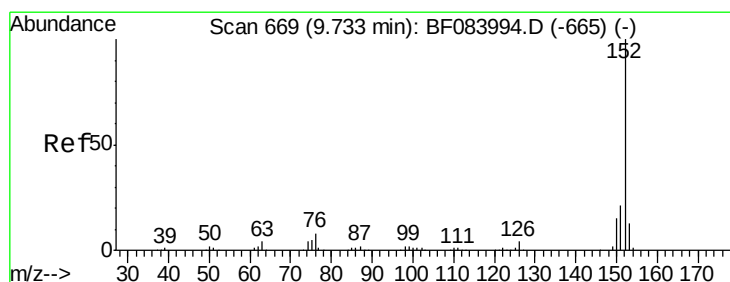
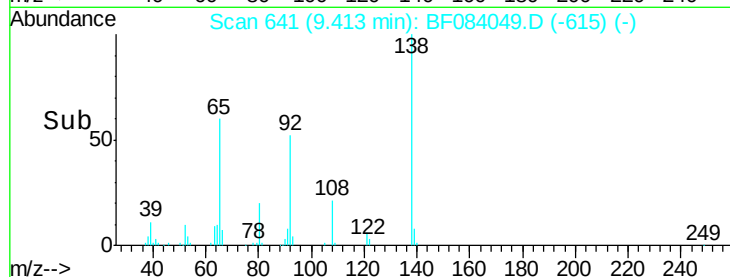
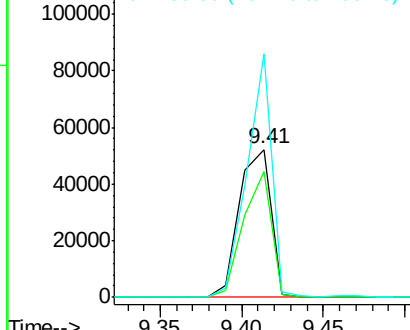
65 100

92 85.4 53.4 80.2#

138 164.5 71.1 106.7#



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



#48

Acenaphthylene

Concen: 41.47 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

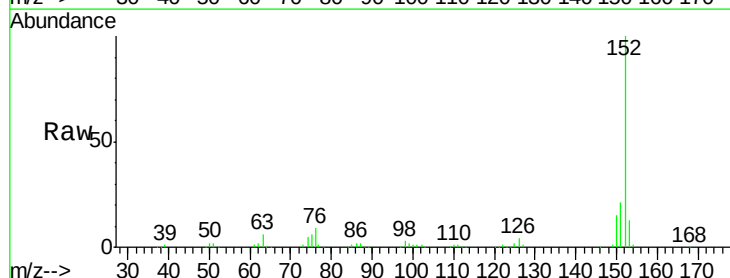
Tgt Ion: 152 Resp: 378346

Ion Ratio Lower Upper

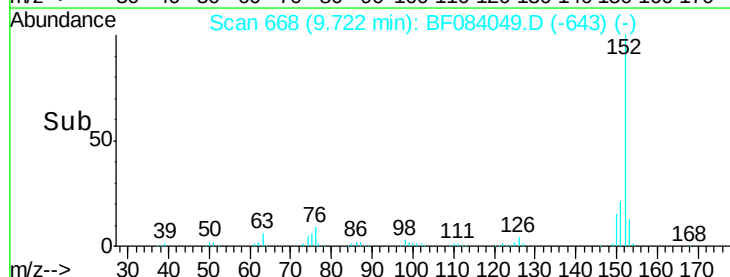
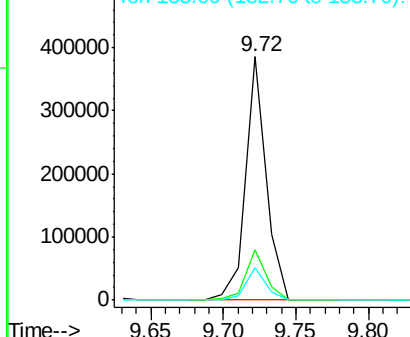
152 100

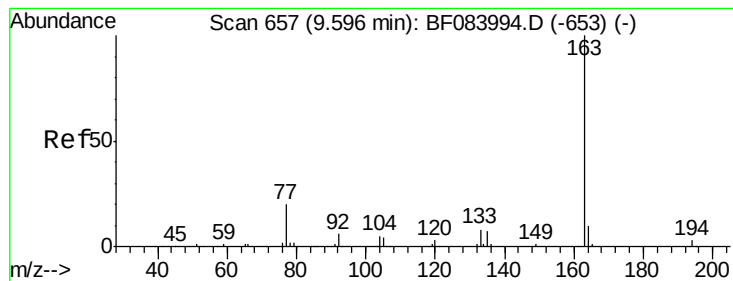
151 20.6 16.3 24.5

153 13.1 10.4 15.6



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





#49

Dimethylphthalate

Concen: 43.88 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

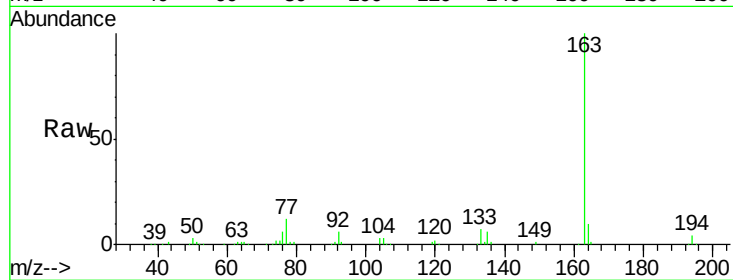
Tgt Ion:163 Resp: 310824

Ion Ratio Lower Upper

163 100

194 3.9 8.0 12.0#

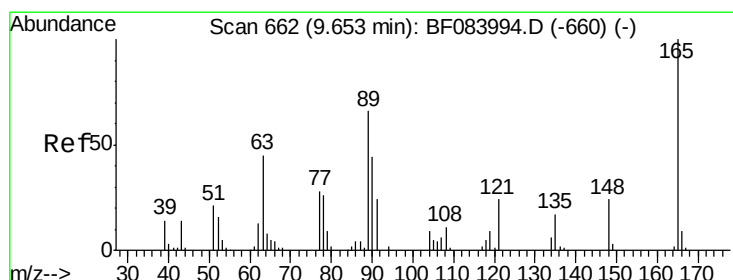
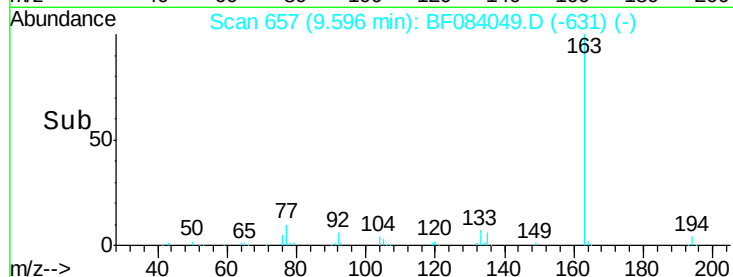
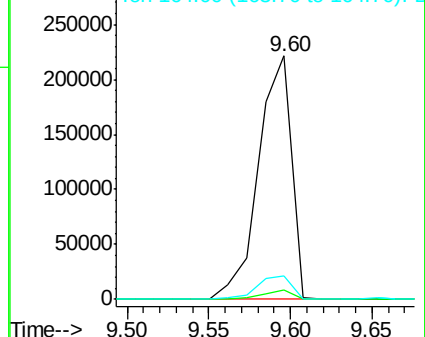
164 9.5 8.0 12.0



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: 45.54 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

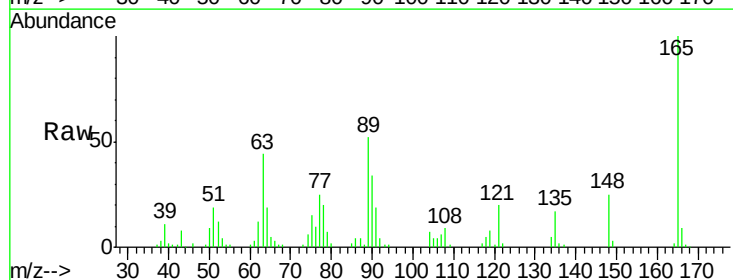
Tgt Ion:165 Resp: 68080

Ion Ratio Lower Upper

165 100

63 43.6 28.8 43.2#

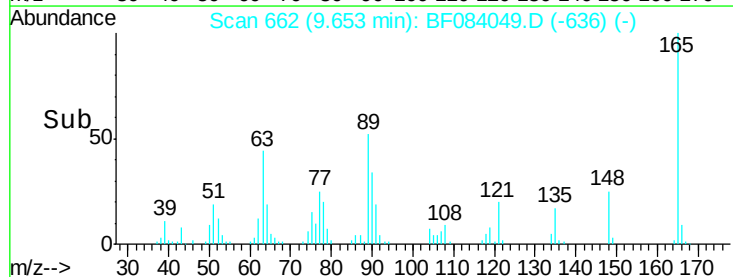
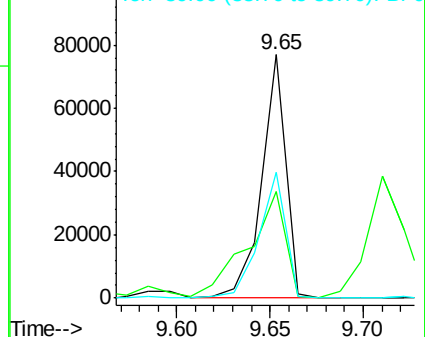
89 51.7 35.1 52.7

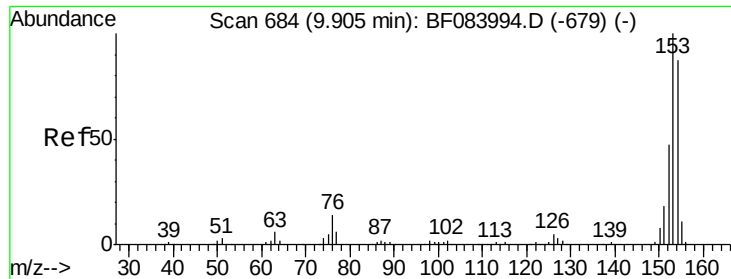


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

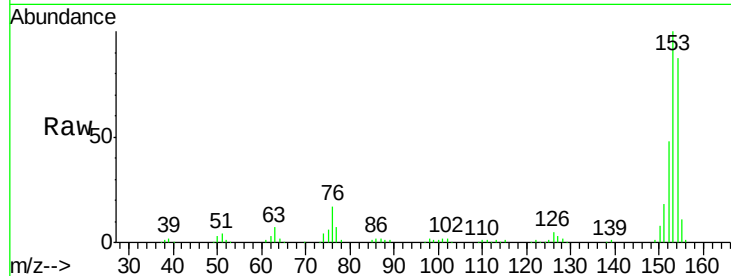




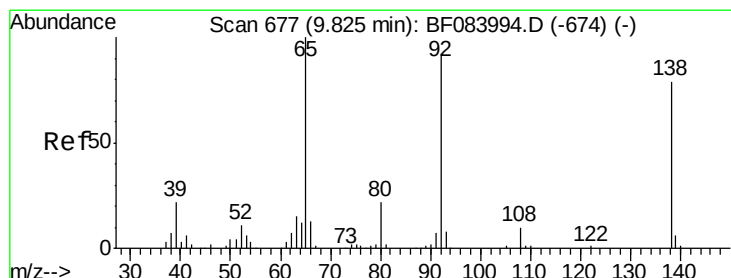
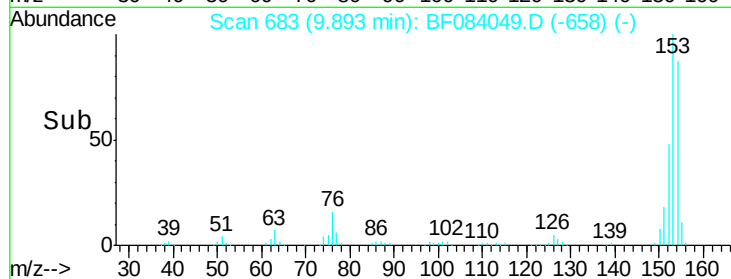
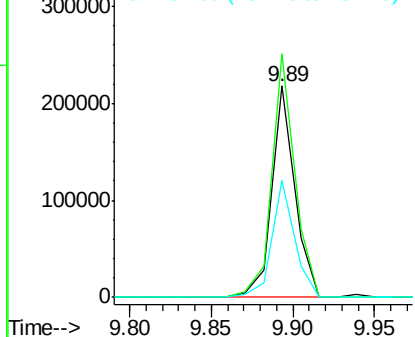
#51  
Acenaphthene  
Concen: 39.45 ng  
RT: 9.89 min Scan# 683  
Delta R.T. -0.01 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

Instrument :  
BNA\_F  
ClientSampleId :  
PB87486BS

Tgt Ion:154 Resp: 213983  
Ion Ratio Lower Upper  
154 100  
153 115.3 91.5 137.3  
152 55.3 43.0 64.6

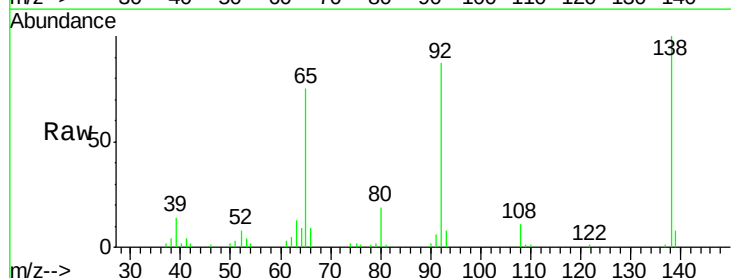


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

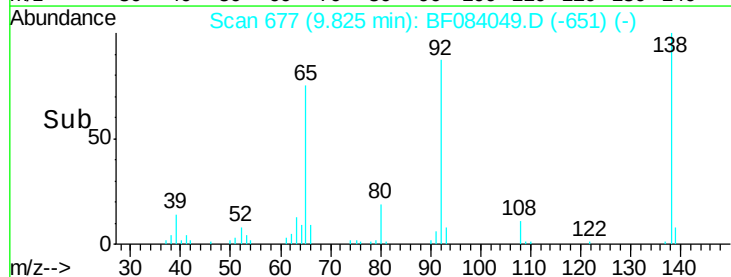
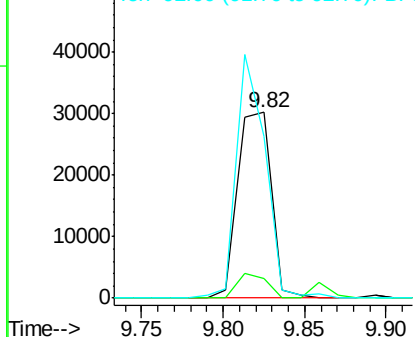


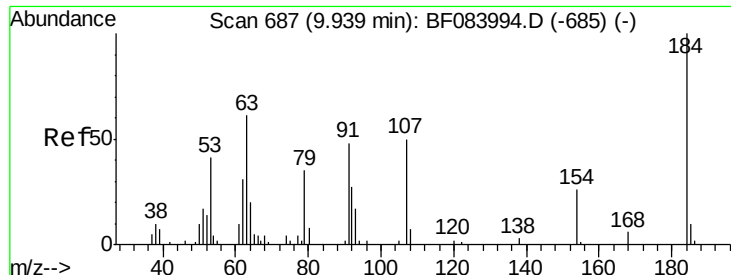
#52  
3-Nitroaniline  
Concen: 27.04 ng  
RT: 9.82 min Scan# 677  
Delta R.T. -0.00 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

Tgt Ion:138 Resp: 42942  
Ion Ratio Lower Upper  
138 100  
108 10.8 10.5 15.7  
92 87.0 103.9 155.9#



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

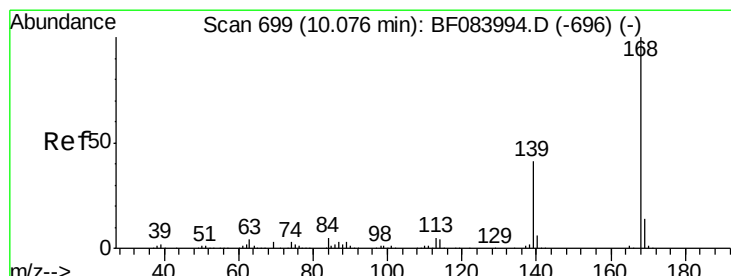
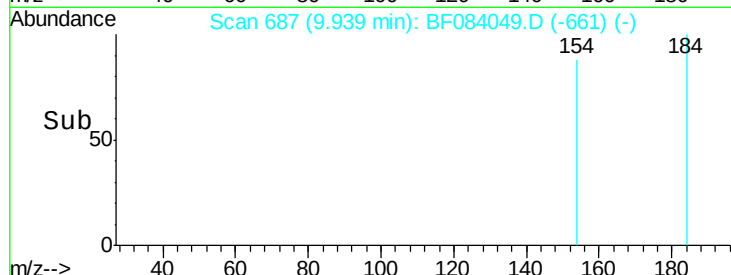
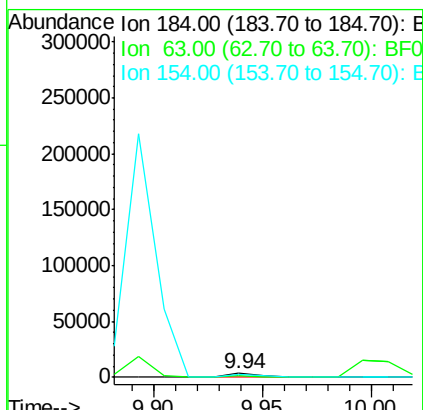
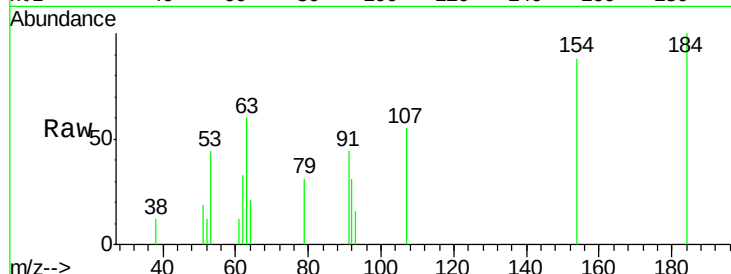




#53  
2,4-Dinitrophenol  
Concen: 13.57 ng  
RT: 9.94 min Scan# 687  
Delta R.T. -0.00 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

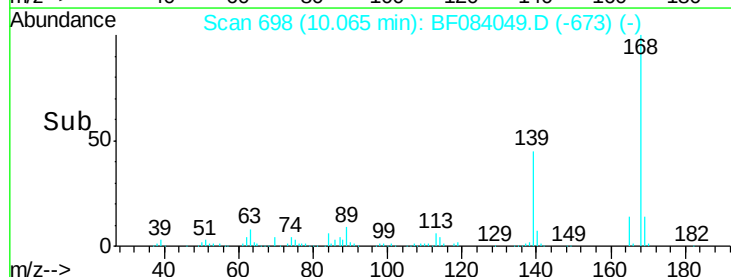
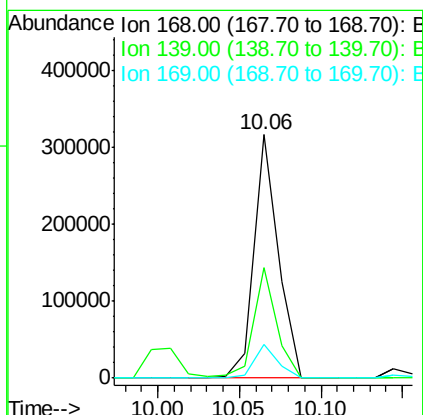
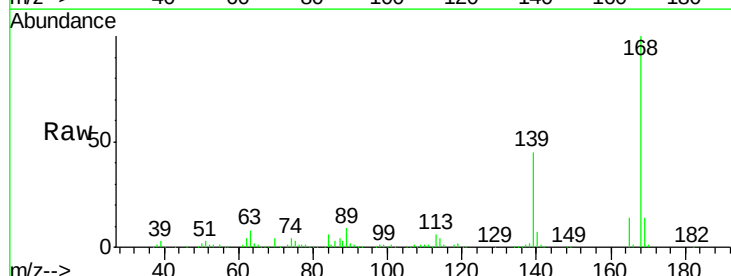
Instrument :  
BNA\_F  
ClientSampleId :  
PB87486BS

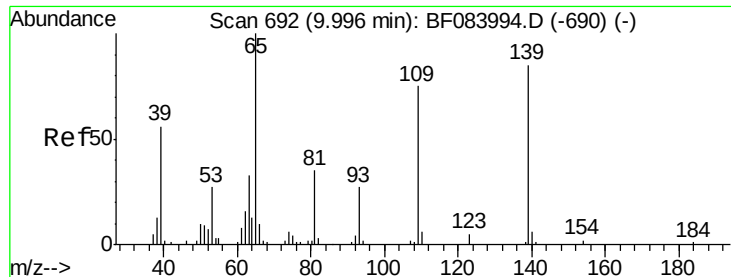
Tgt Ion:184 Resp: 3954  
Ion Ratio Lower Upper  
184 100  
63 60.0 43.1 64.7  
154 87.6 60.5 90.7



#54  
Dibenzofuran  
Concen: 40.51 ng  
RT: 10.06 min Scan# 698  
Delta R.T. -0.01 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

Tgt Ion:168 Resp: 328878  
Ion Ratio Lower Upper  
168 100  
139 45.4 30.5 45.7  
169 13.7 10.4 15.6

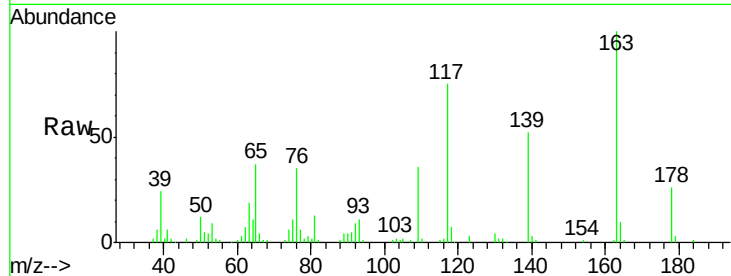




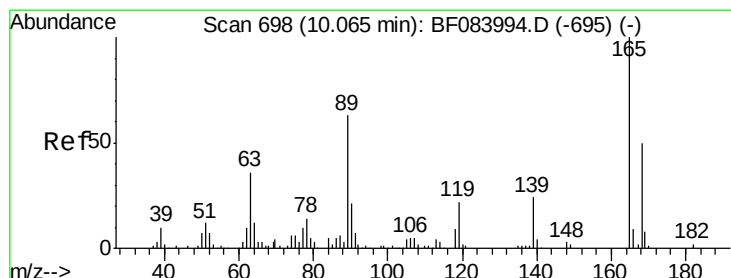
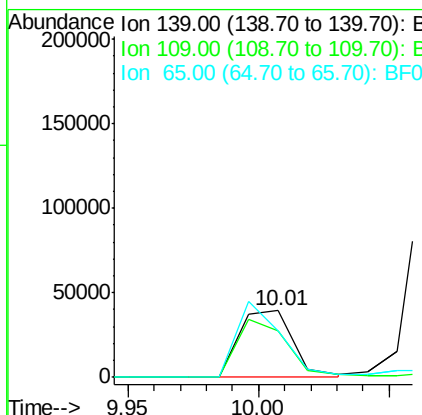
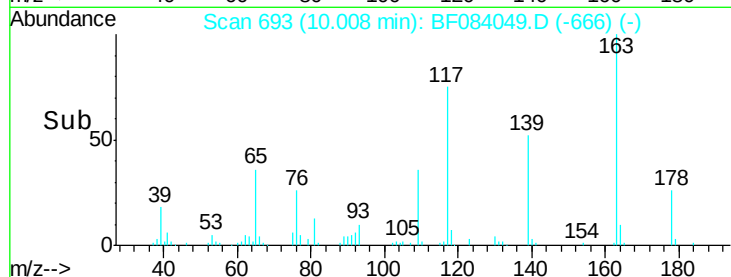
#55  
4-Nitrophenol  
Concen: 61.34 ng  
RT: 10.01 min Scan# 693  
Delta R.T. 0.01 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

Instrument :  
BNA\_F  
ClientSampleId :  
PB87486BS

Tgt Ion:139 Resp: 57238  
Ion Ratio Lower Upper  
139 100  
109 69.2 58.5 98.5  
65 70.5 57.6 97.6

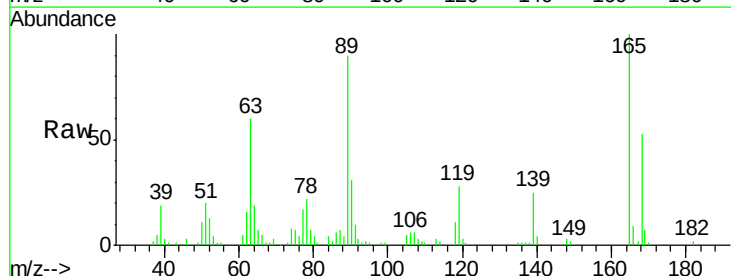


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

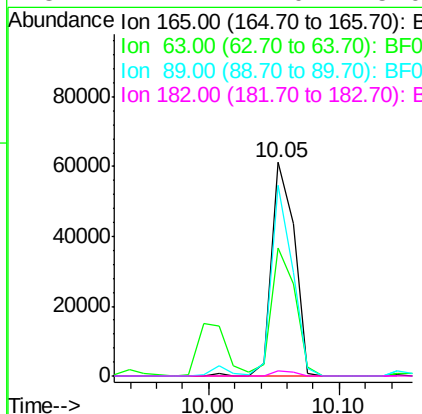
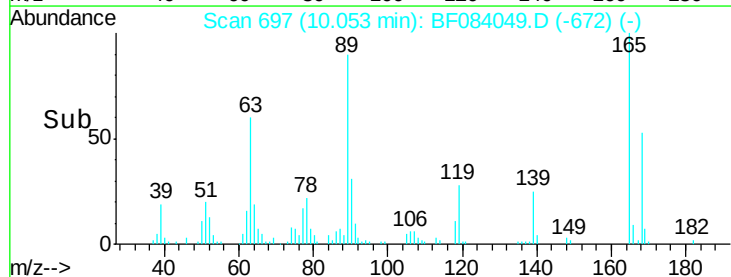


#56  
2,4-Dinitrotoluene  
Concen: 40.09 ng  
RT: 10.05 min Scan# 697  
Delta R.T. -0.01 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

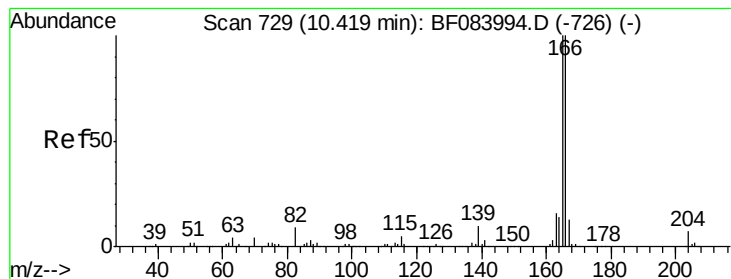
Tgt Ion:165 Resp: 75343  
Ion Ratio Lower Upper  
165 100  
63 59.9 36.7 55.1#  
89 89.6 61.9 92.9  
182 2.2 2.0 3.0



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: 39.26 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

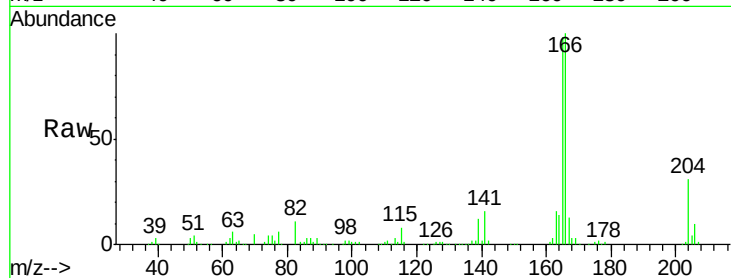
Tgt Ion:166 Resp: 252552

Ion Ratio Lower Upper

166 100

165 98.1 79.1 118.7

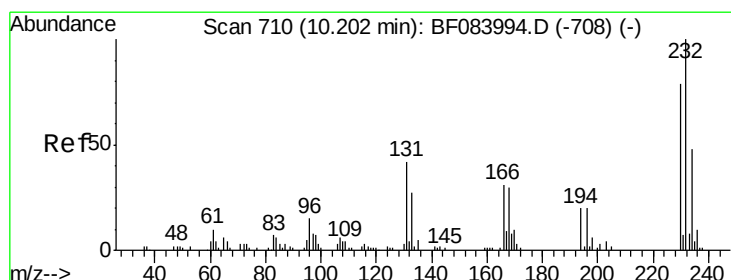
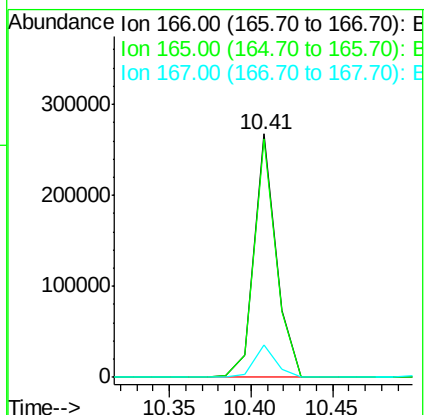
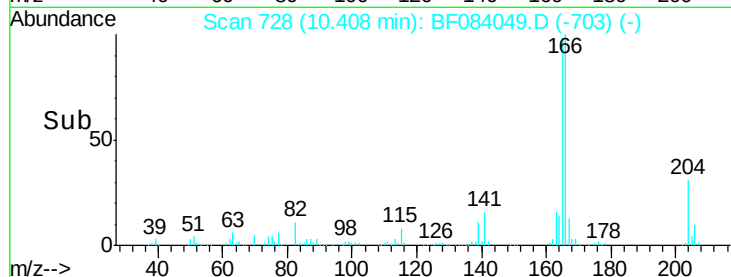
167 13.3 10.4 15.6



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: 37.10 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Tgt Ion:232 Resp: 49900

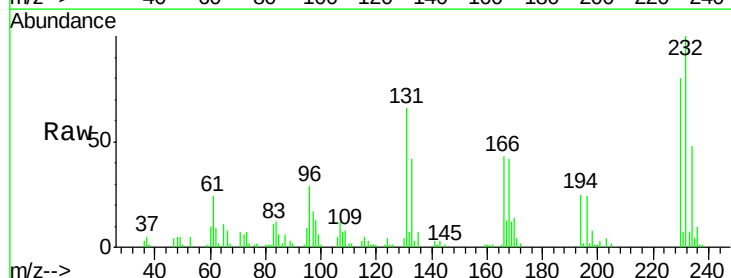
Ion Ratio Lower Upper

232 100

131 57.3 47.0 70.6

130 2.6 2.0 3.0

166 36.7 30.5 45.7

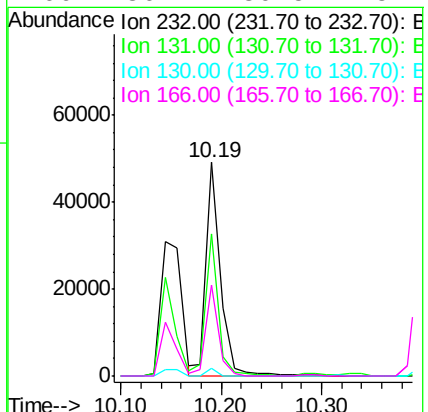
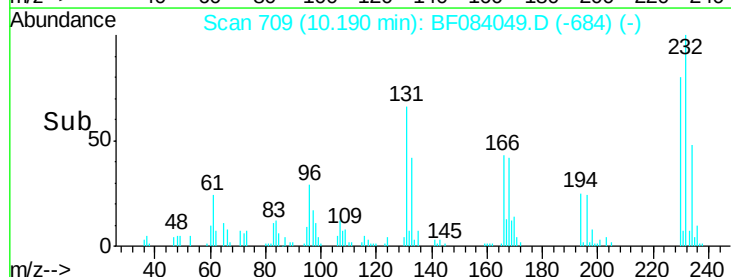


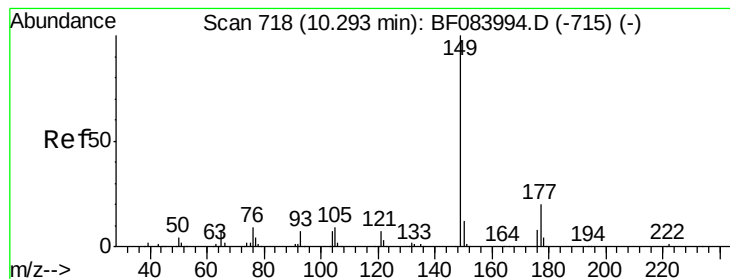
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.60 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

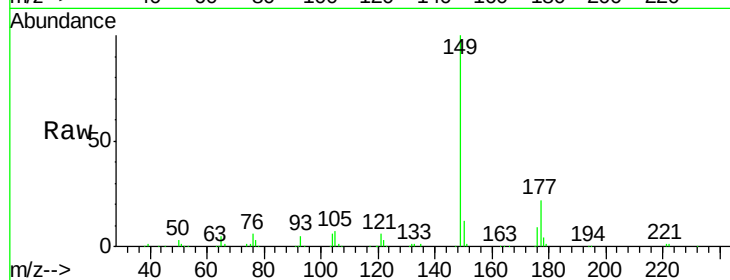
Tgt Ion:149 Resp: 310520

Ion Ratio Lower Upper

149 100

177 22.2 17.3 25.9

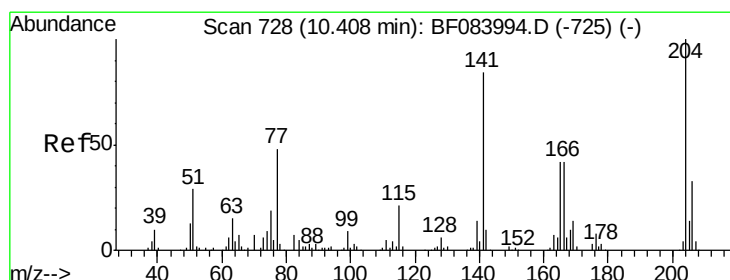
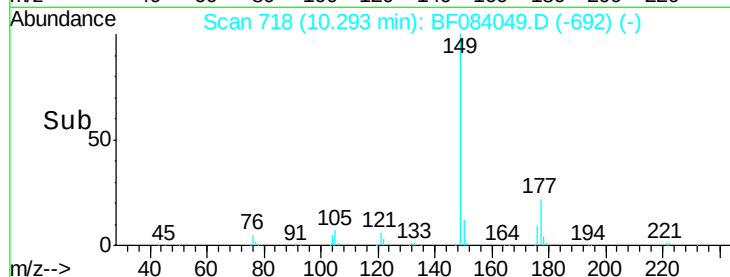
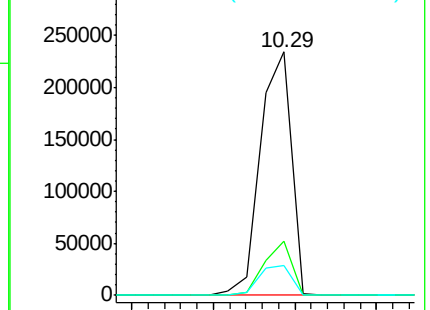
150 12.3 9.8 14.8



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: 40.30 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

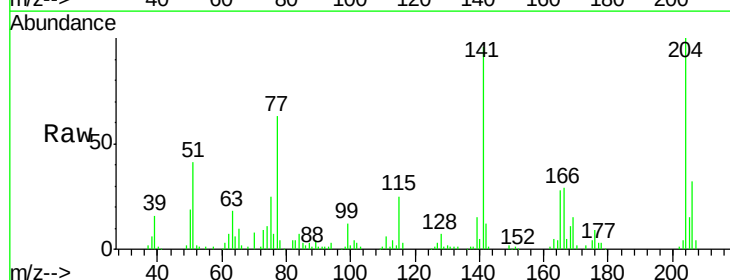
Tgt Ion:204 Resp: 118792

Ion Ratio Lower Upper

204 100

206 32.1 25.7 38.5

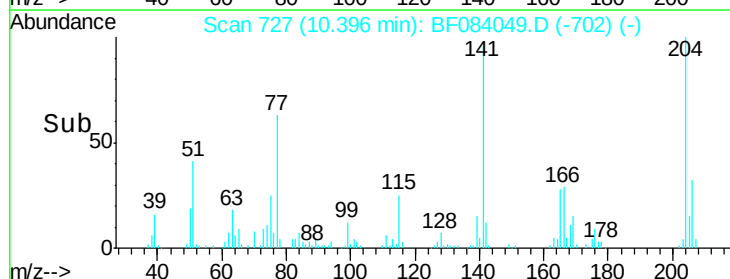
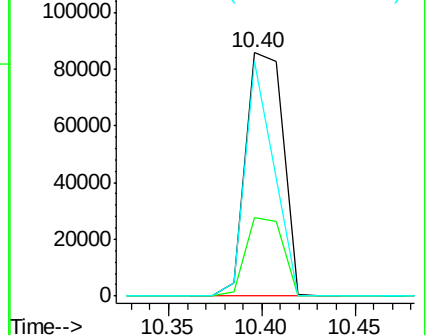
141 96.2 55.1 82.7#

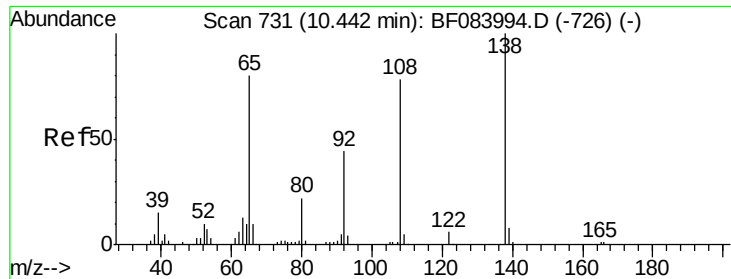


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

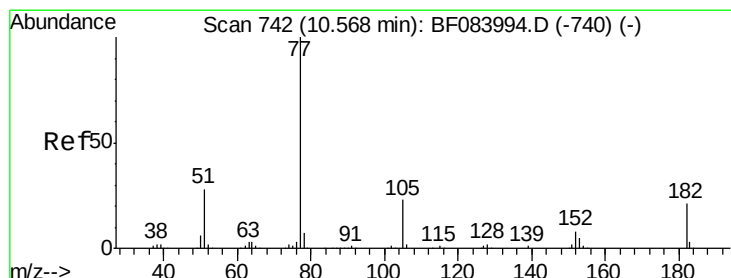
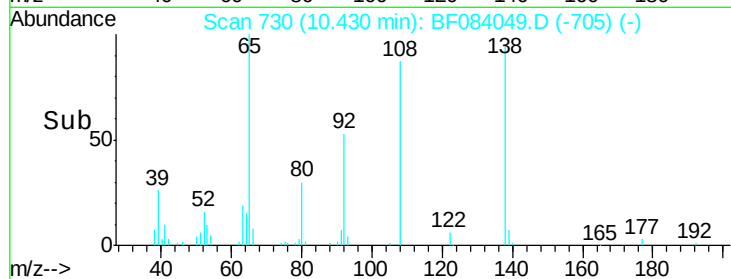
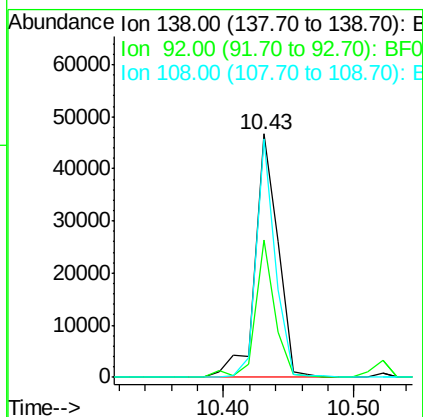
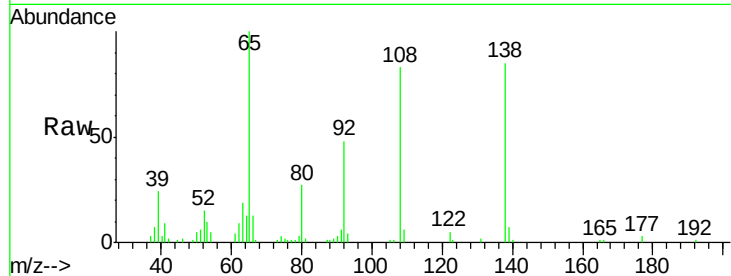




#61  
 4-Nitroaniline  
 Concen: 35.34 ng  
 RT: 10.43 min Scan# 730  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

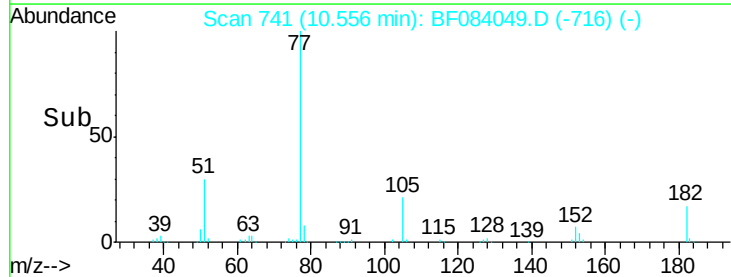
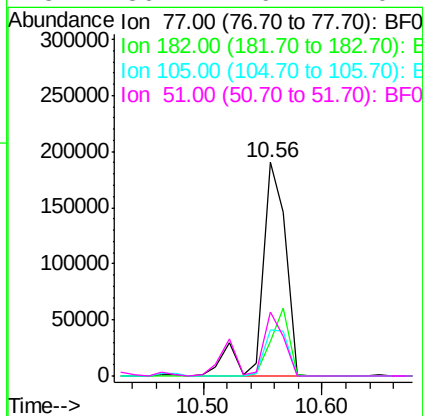
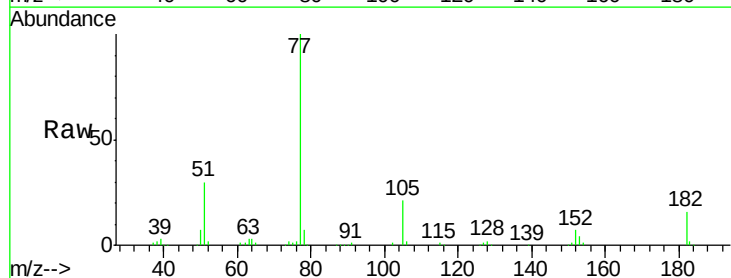
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87486BS

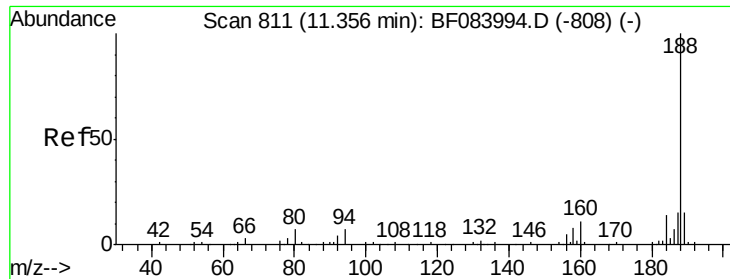
Tgt Ion: 138 Resp: 57404  
 Ion Ratio Lower Upper  
 138 100  
 92 56.4 32.6 72.6  
 108 97.9 68.6 108.6



#62  
 Azobenzene  
 Concen: 43.51 ng  
 RT: 10.56 min Scan# 741  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Tgt Ion: 77 Resp: 267416  
 Ion Ratio Lower Upper  
 77 100  
 182 16.5 8.3 48.3  
 105 21.4 4.6 44.6  
 51 30.1 6.2 46.2

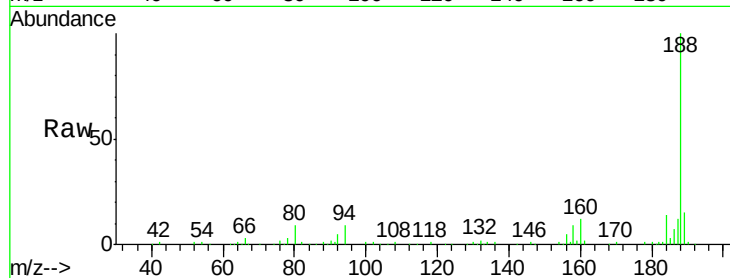




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.34 min Scan# 810  
Delta R.T. -0.01 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

Instrument :  
BNA\_F  
ClientSampleId :  
PB87486BS

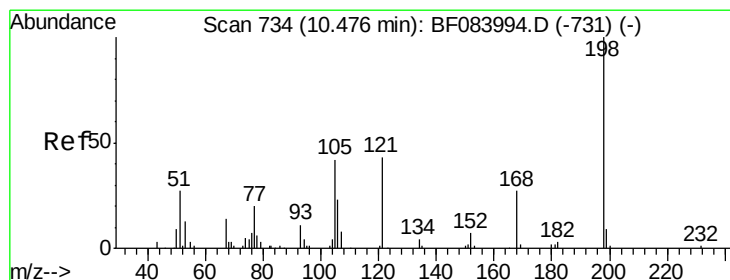
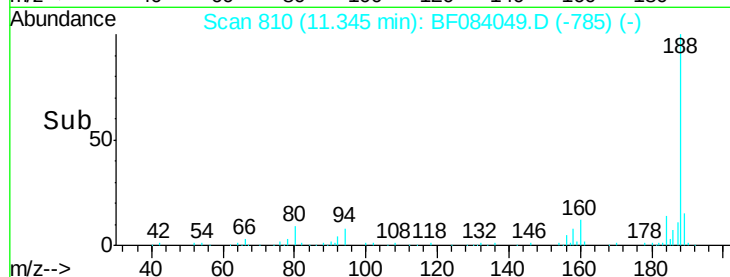
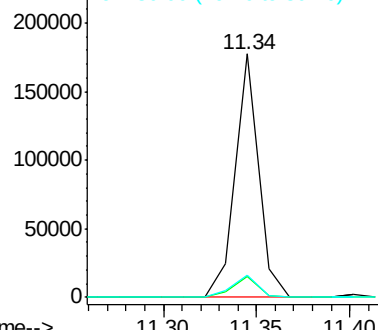
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.7   | 9.0   | 13.4# |
| 80      | 8.9   | 9.6   | 14.4# |



Abundance Ion 188.00 (187.70 to 188.70): E

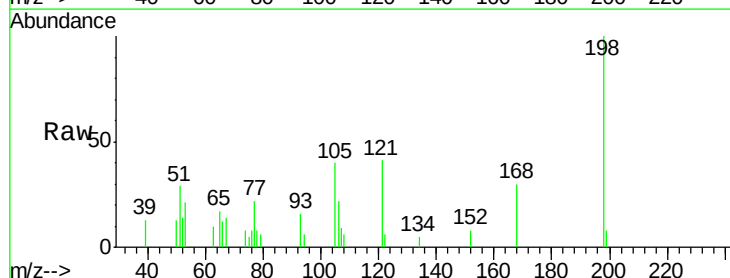
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64  
4,6-Dinitro-2-methylphenol  
Concen: 6.82 ng  
RT: 10.48 min Scan# 734  
Delta R.T. 0.00 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

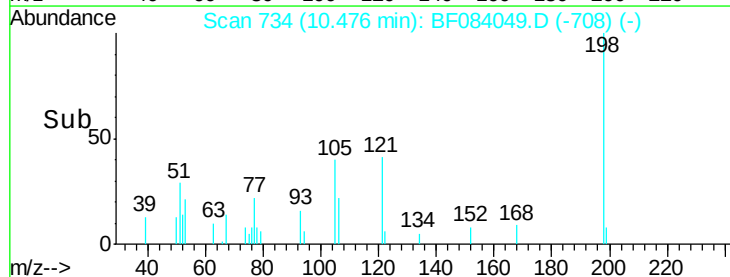
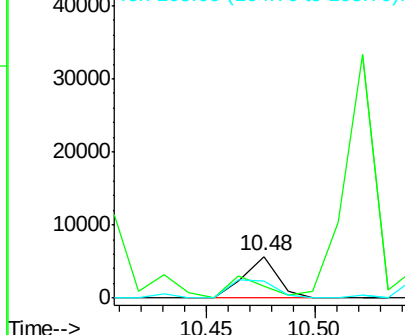
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 28.5  | 18.9  | 58.9  |
| 105     | 40.1  | 26.4  | 66.4  |

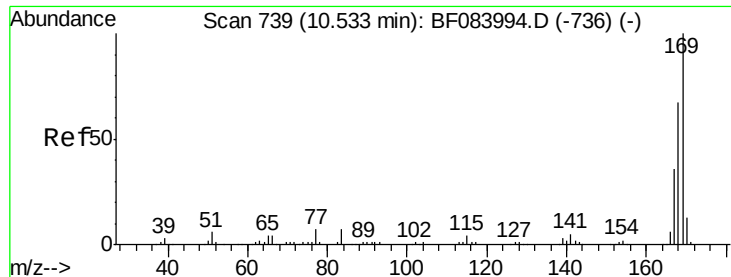


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

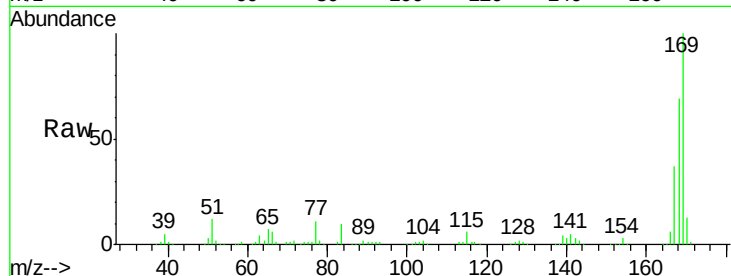




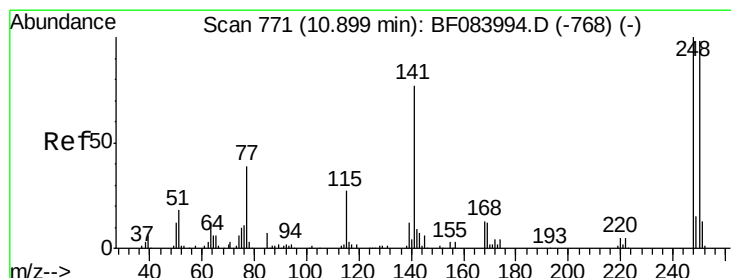
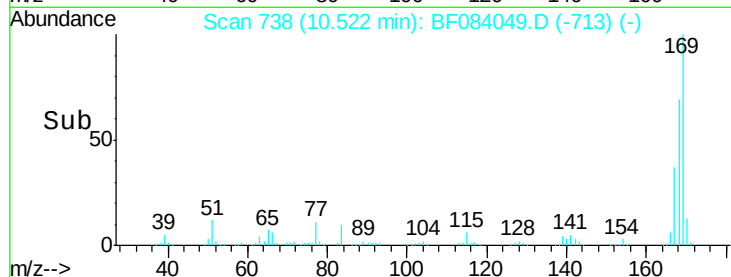
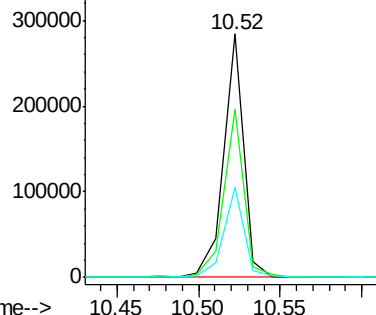
#65  
 n-Nitrosodiphenylamine  
 Concen: 42.66 ng  
 RT: 10.52 min Scan# 738  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87486BS

Tgt Ion:169 Resp: 241683  
 Ion Ratio Lower Upper  
 169 100  
 168 69.2 55.1 82.7  
 167 37.2 30.0 45.0

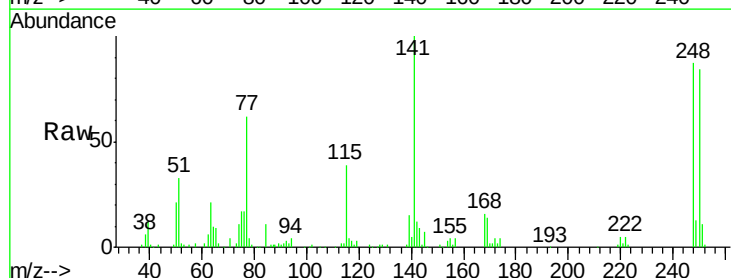


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

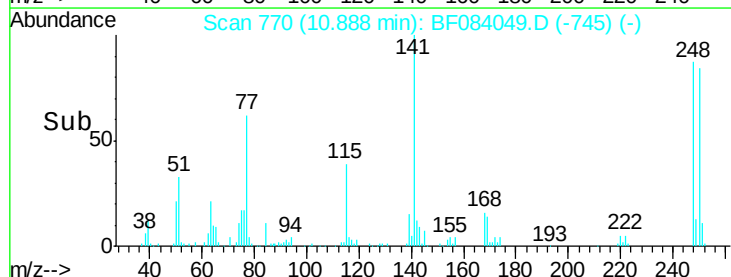
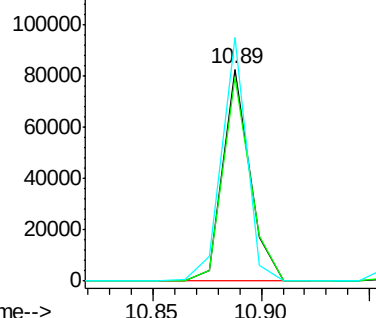


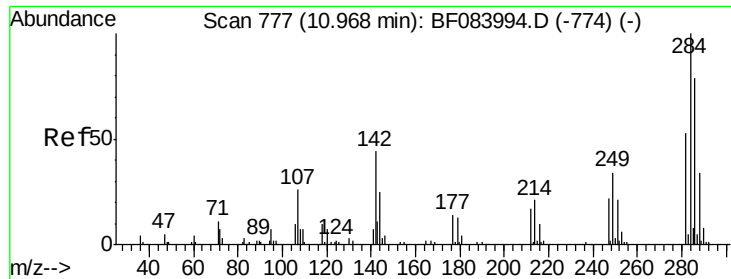
#66  
 4-Bromophenyl-phenylether  
 Concen: 40.63 ng  
 RT: 10.89 min Scan# 770  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Tgt Ion:248 Resp: 71464  
 Ion Ratio Lower Upper  
 248 100  
 250 95.9 78.4 117.6  
 141 114.9 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

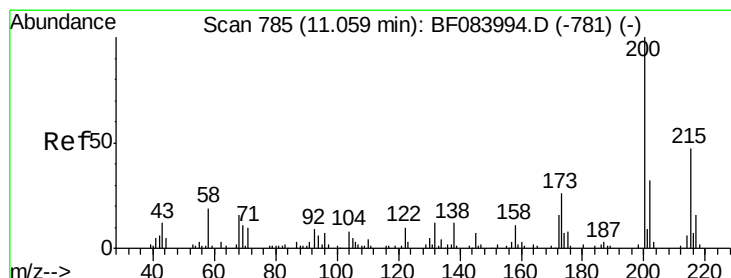
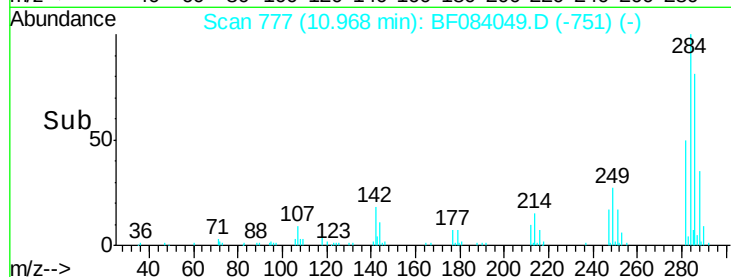
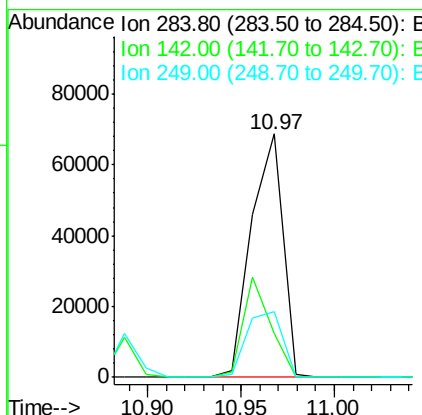
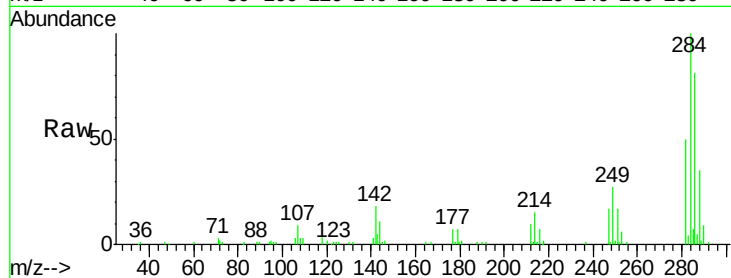




#67  
Hexachlorobenzene  
Concen: 41.91 ng  
RT: 10.97 min Scan# 777  
Delta R.T. -0.00 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

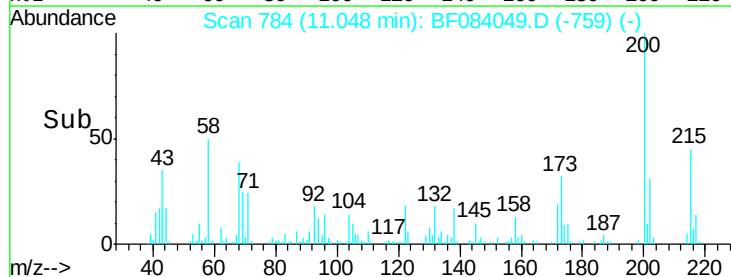
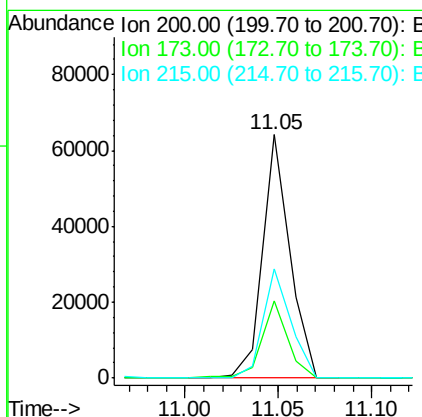
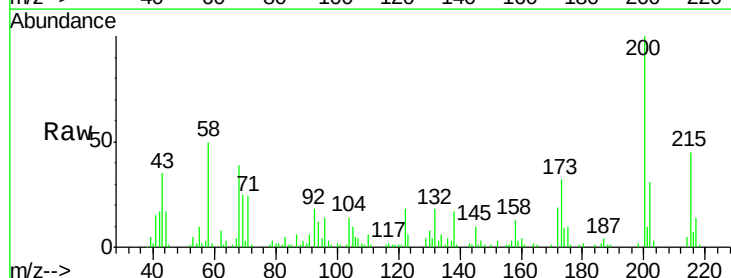
Instrument :  
BNA\_F  
ClientSampleId :  
PB87486BS

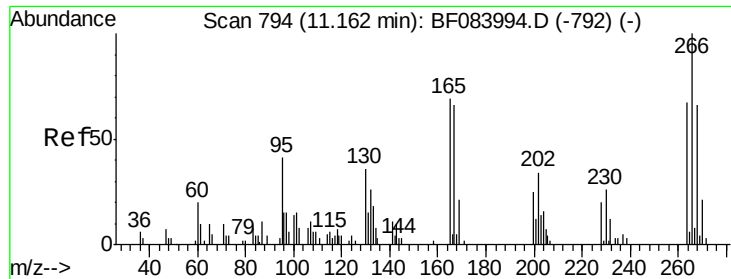
Tgt Ion:284 Resp: 80461  
Ion Ratio Lower Upper  
284 100  
142 18.2 22.2 33.4#  
249 27.2 24.6 37.0



#68  
Atrazine  
Concen: 37.59 ng  
RT: 11.05 min Scan# 784  
Delta R.T. -0.01 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

Tgt Ion:200 Resp: 64376  
Ion Ratio Lower Upper  
200 100  
173 31.7 9.5 49.5  
215 44.7 23.8 63.8

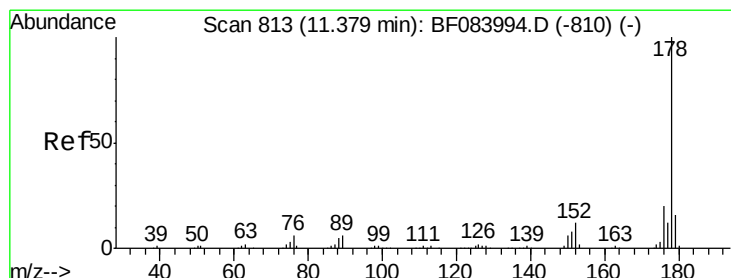
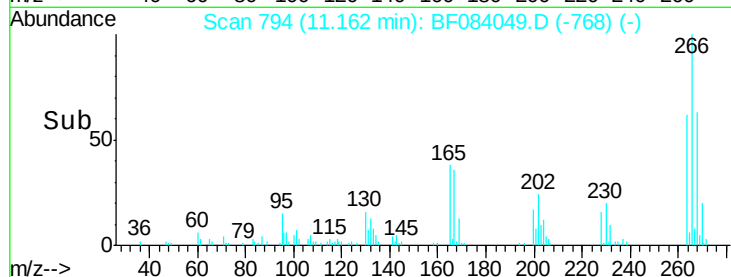
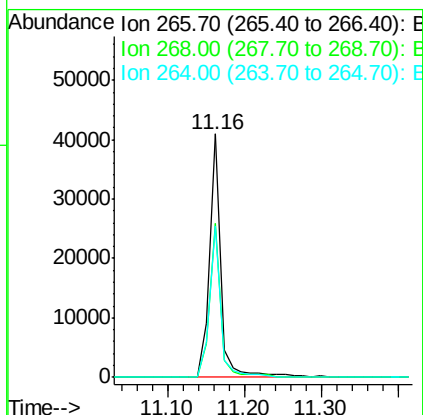
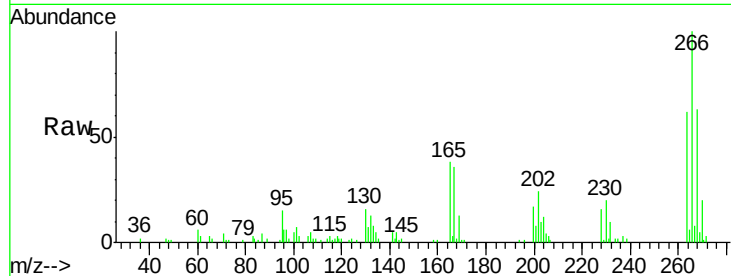




#69  
 Pentachlorophenol  
 Concen: 61.19 ng  
 RT: 11.16 min Scan# 794  
 Delta R.T. -0.00 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

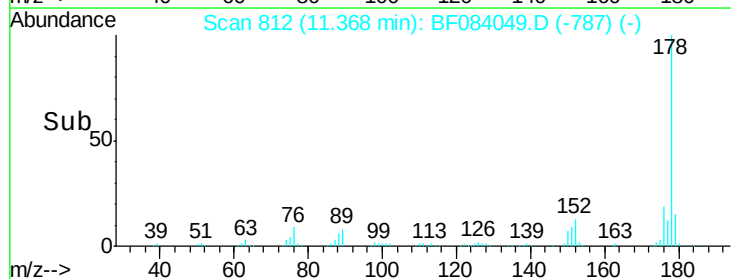
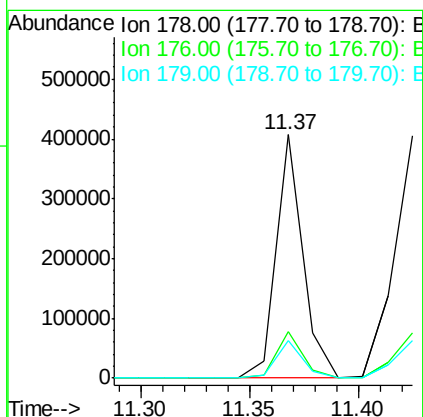
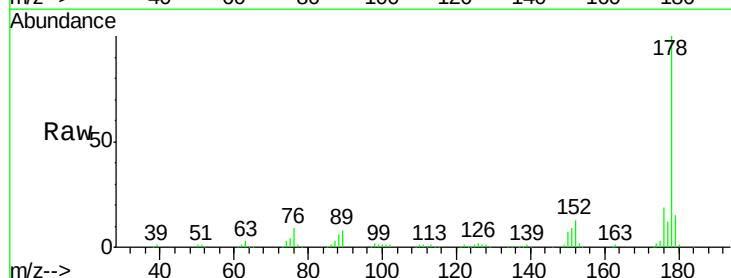
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87486BS

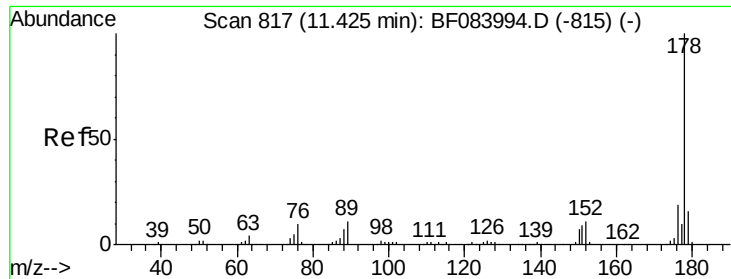
Tgt Ion:266 Resp: 41766  
 Ion Ratio Lower Upper  
 266 100  
 268 63.3 52.4 78.6  
 264 62.1 50.2 75.2



#70  
 Phenanthrene  
 Concen: 40.57 ng  
 RT: 11.37 min Scan# 812  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Tgt Ion:178 Resp: 351686  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 15.3 22.9  
 179 15.5 12.0 18.0

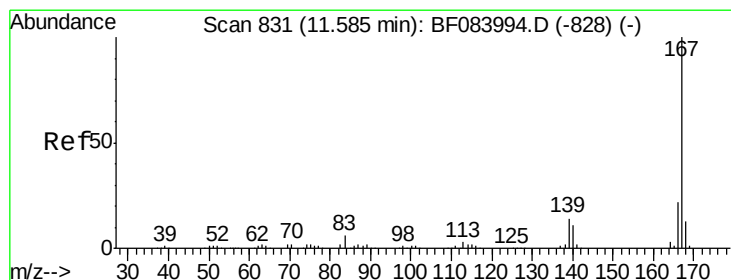
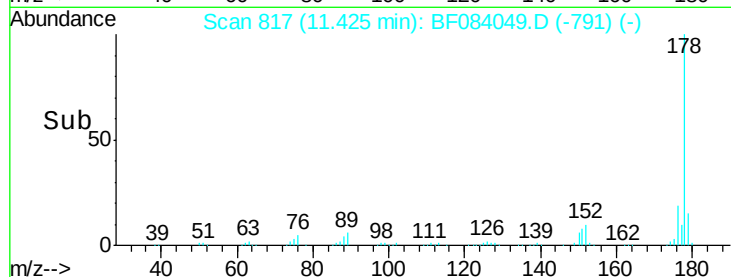
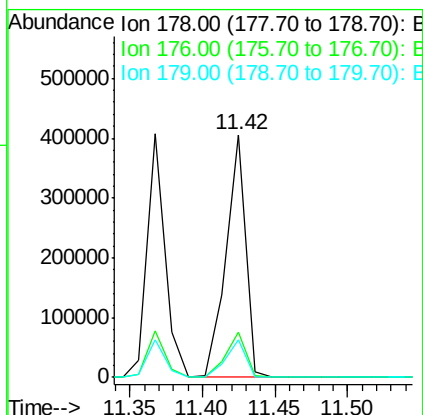
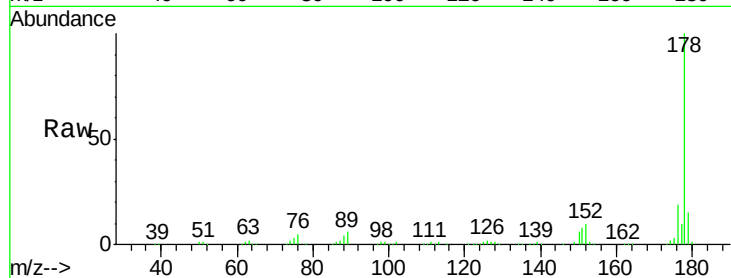




#71  
 Anthracene  
 Concen: 43.44 ng  
 RT: 11.42 min Scan# 817  
 Delta R.T. -0.00 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

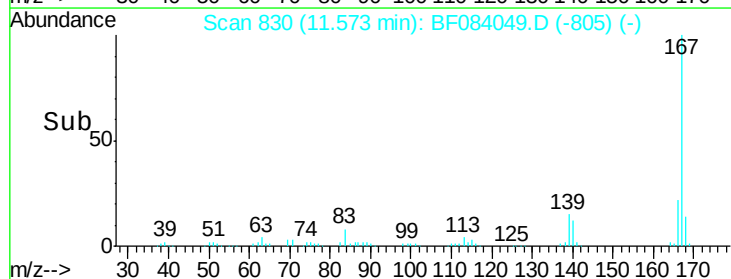
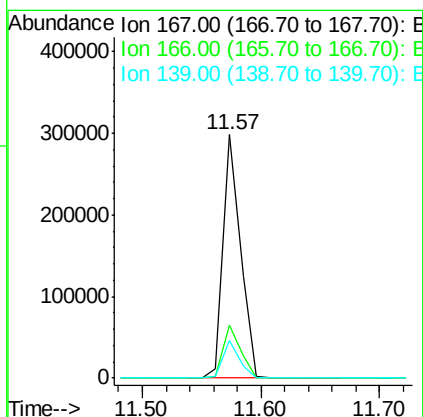
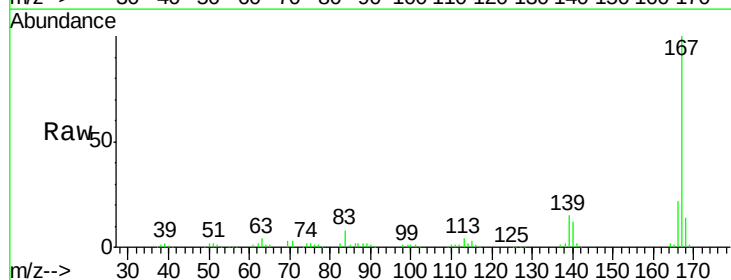
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87486BS

Tgt Ion:178 Resp: 382438  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 15.4 23.0  
 179 15.4 12.5 18.7

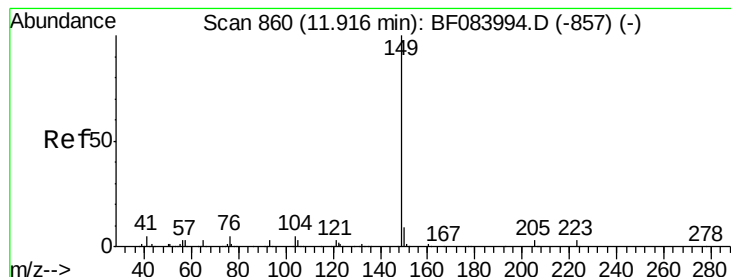


#72  
 Carbazole  
 Concen: 36.57 ng  
 RT: 11.57 min Scan# 830  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Tgt Ion:167 Resp: 301067  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.6 26.4  
 139 15.3 11.8 17.8







#73

Di-n-butylphthalate

Concen: 41.62 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

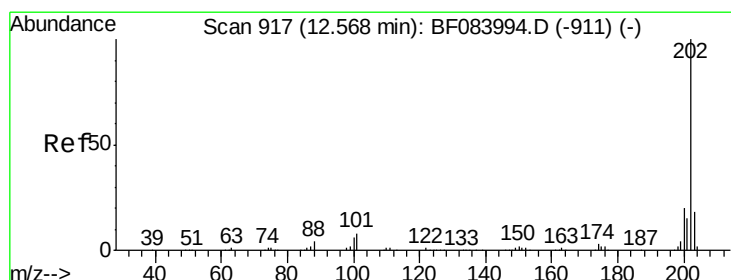
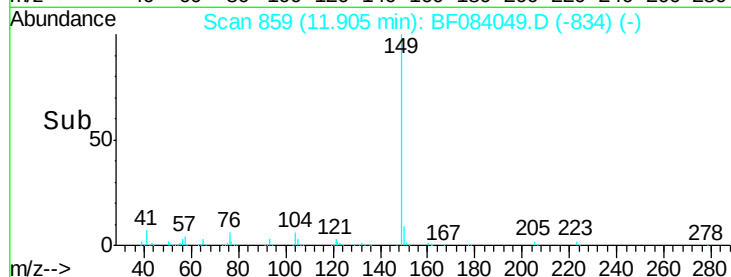
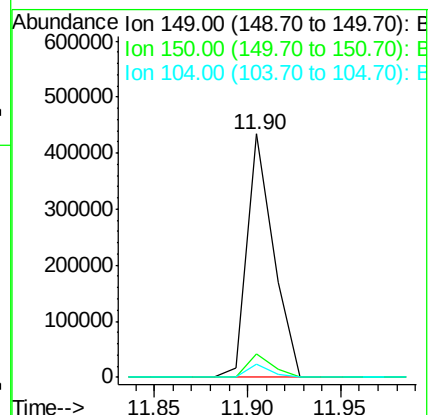
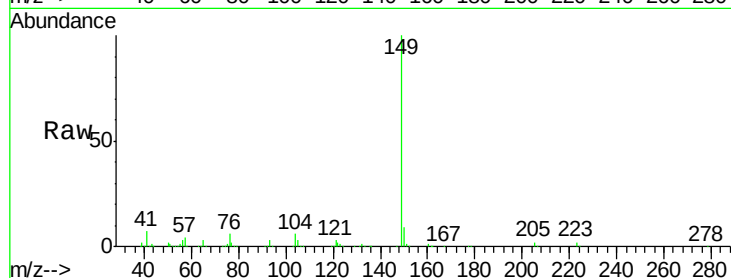
Tgt Ion:149 Resp: 425466

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

104 5.6 3.2 4.8#



#74

Fluoranthene

Concen: 37.34 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

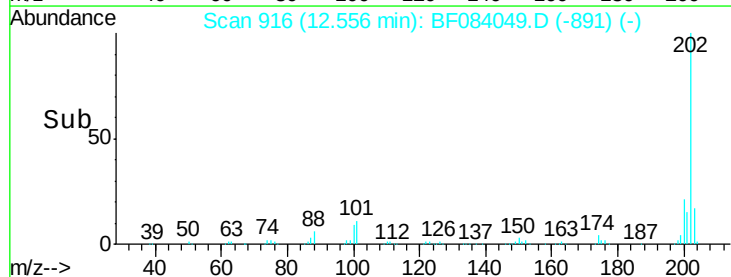
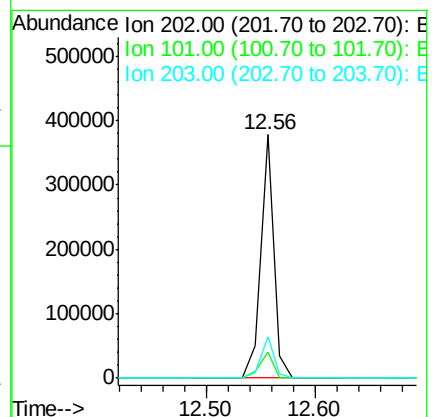
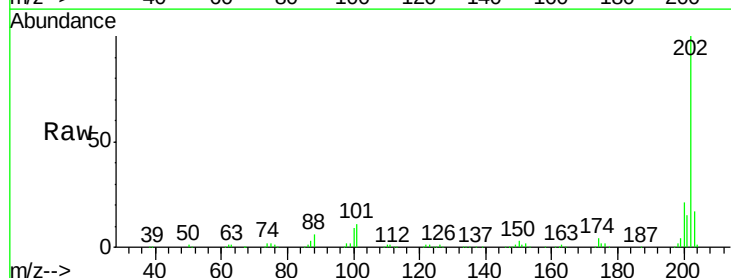
Tgt Ion:202 Resp: 321043

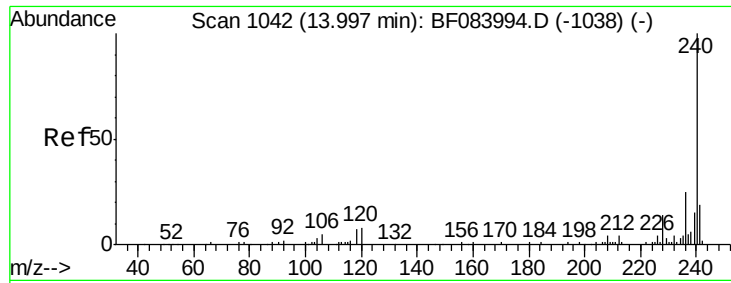
Ion Ratio Lower Upper

202 100

101 10.6 0.0 32.8

203 17.2 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

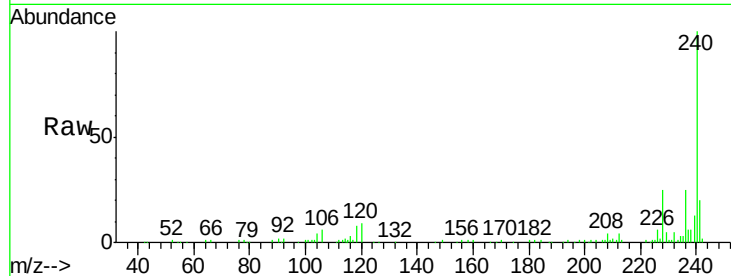
Tgt Ion:240 Resp: 97267

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

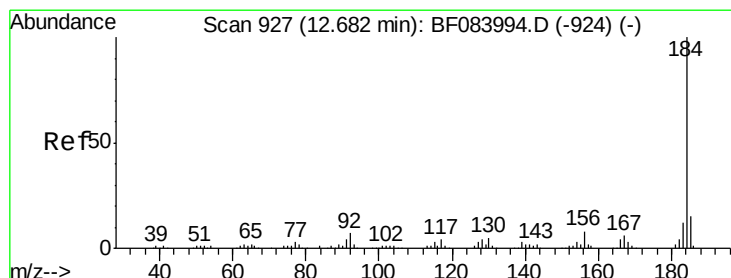
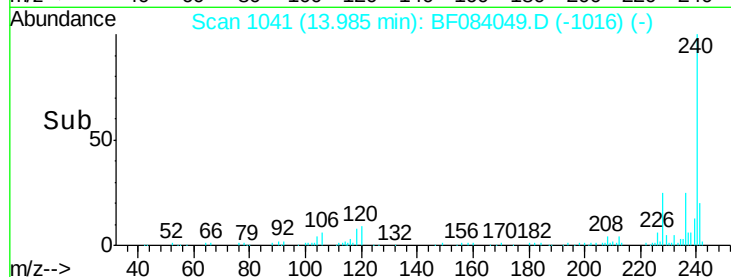
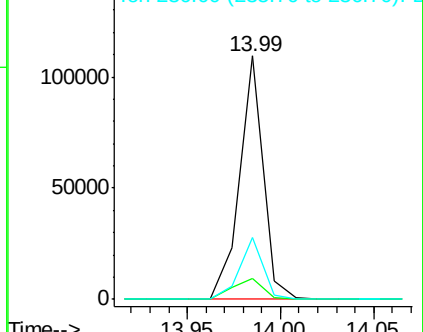
236 25.2 20.6 31.0



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: 19.80 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

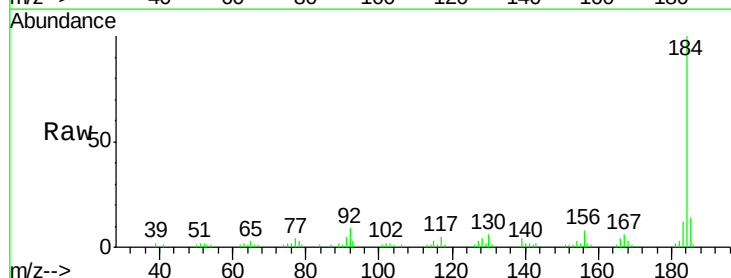
Tgt Ion:184 Resp: 68692

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

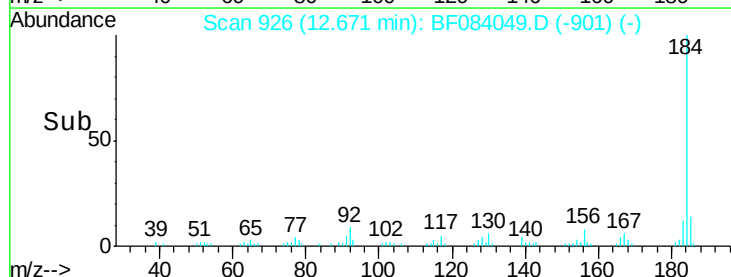
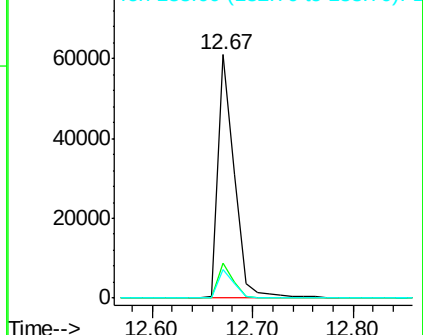
183 11.8 9.8 14.8

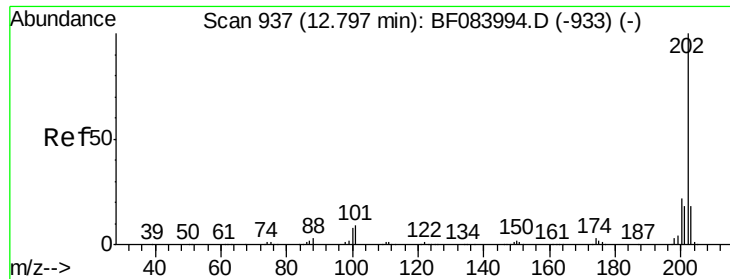


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

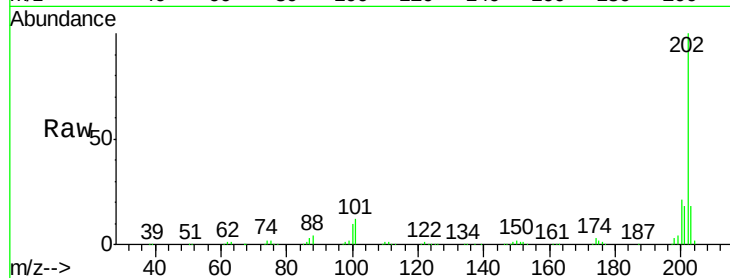




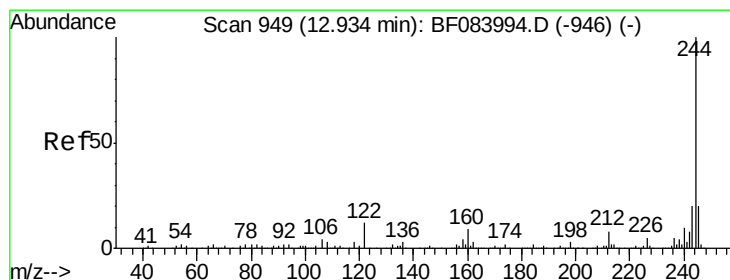
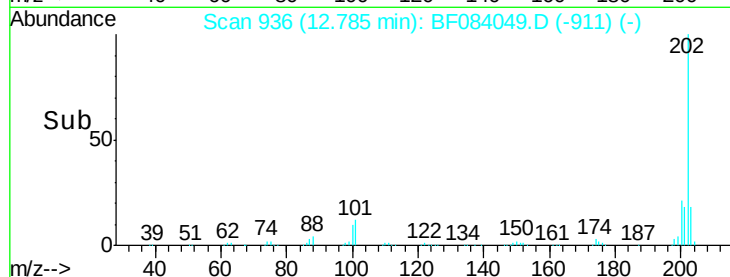
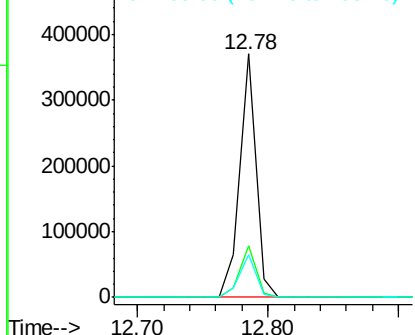
#77  
**Pyrene**  
 Concen: 48.44 ng  
 RT: 12.78 min Scan# 936  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87486BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.3  | 17.2  | 25.8  |
| 203     | 17.6  | 14.3  | 21.5  |

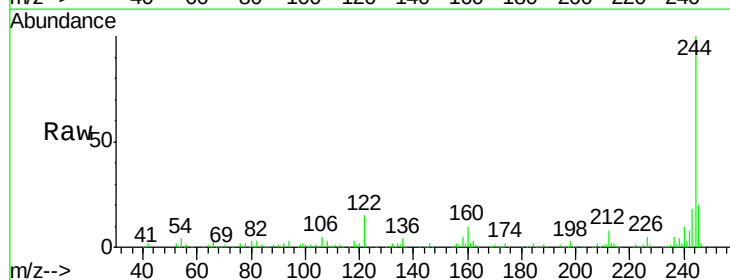


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

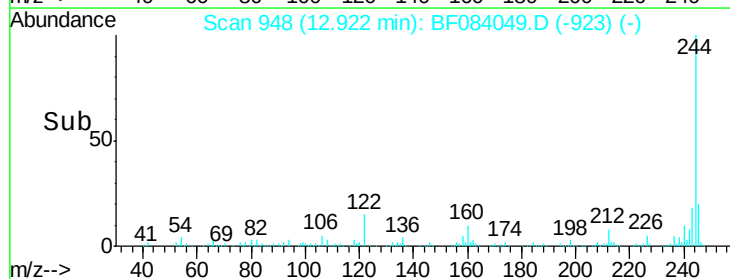
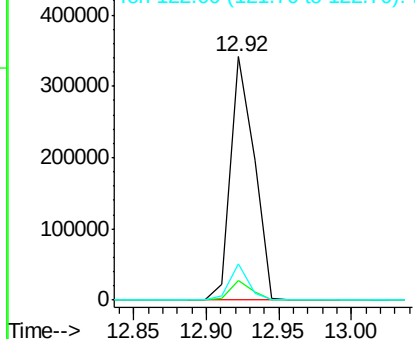


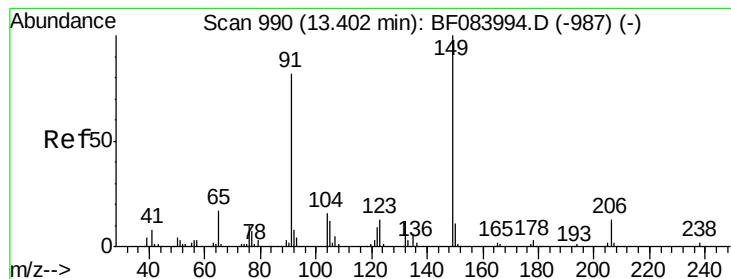
#78  
**Terphenyl-d14**  
 Concen: 94.44 ng  
 RT: 12.92 min Scan# 948  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.9   | 5.7   | 8.5   |
| 122     | 14.8  | 7.4   | 11.0  |



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





#79

Butylbenzylphthalate

Concen: 55.98 ng

RT: 13.40 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

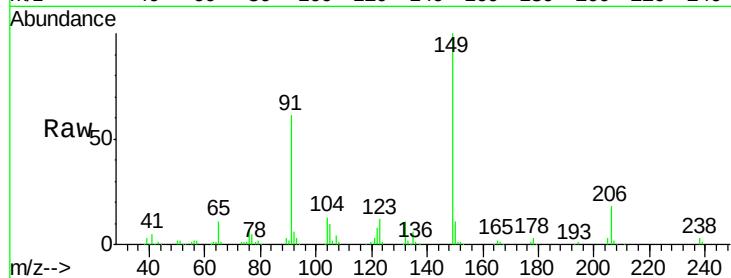
Tgt Ion:149 Resp: 169923

Ion Ratio Lower Upper

149 100

91 61.0 57.6 86.4

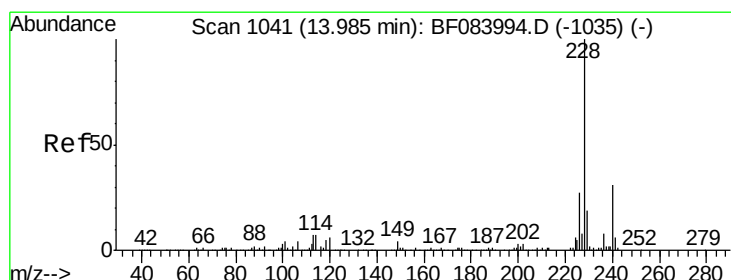
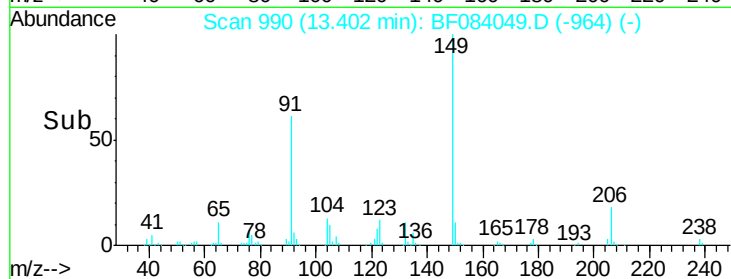
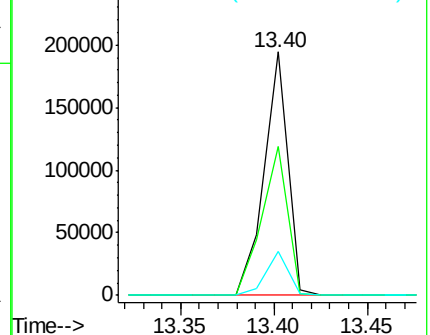
206 18.0 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.06 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

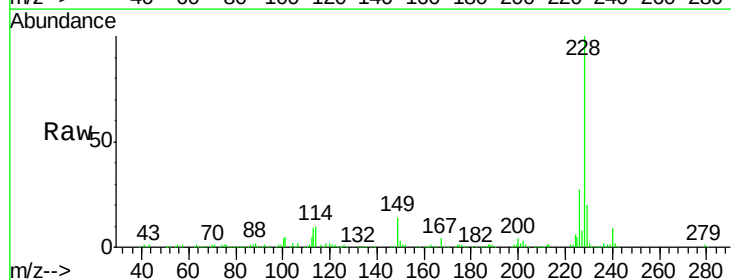
Tgt Ion:228 Resp: 247124

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

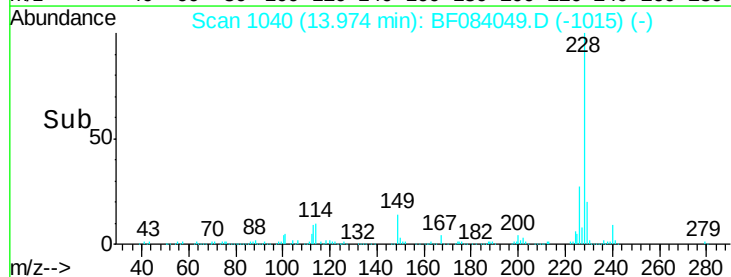
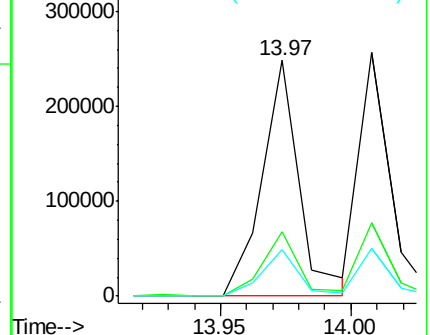
229 19.5 15.8 23.8

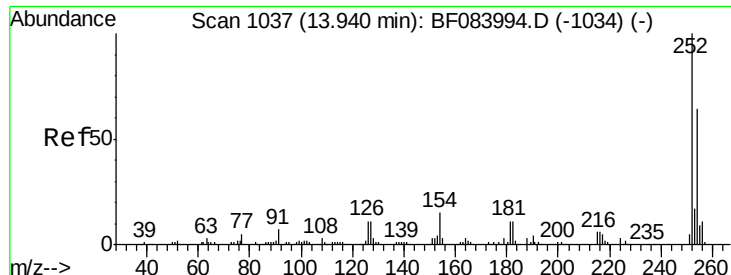


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

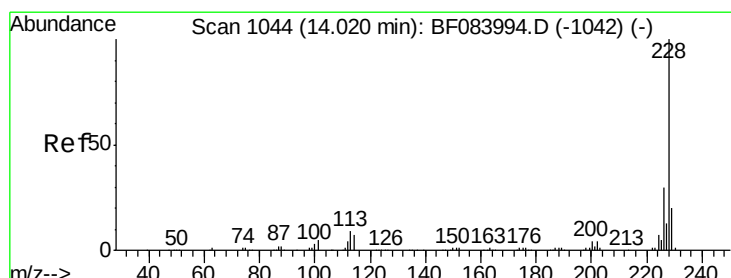
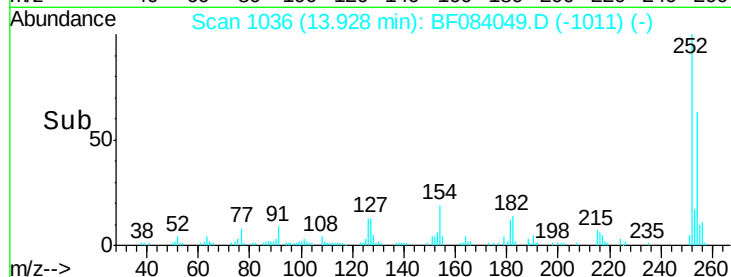
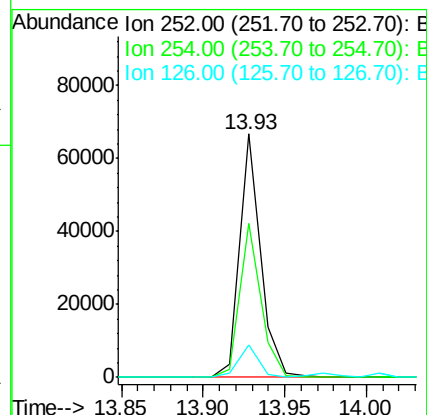
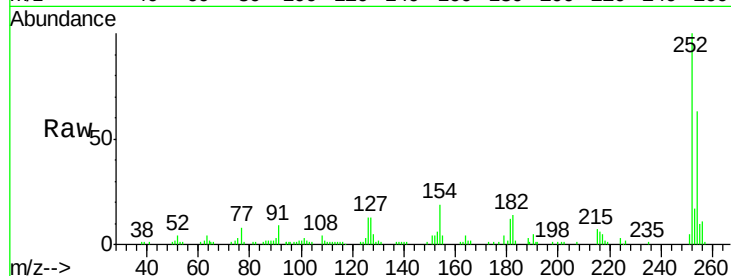




#81  
 3,3'-Dichlorobenzidine  
 Concen: 27.83 ng  
 RT: 13.93 min Scan# 1036  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

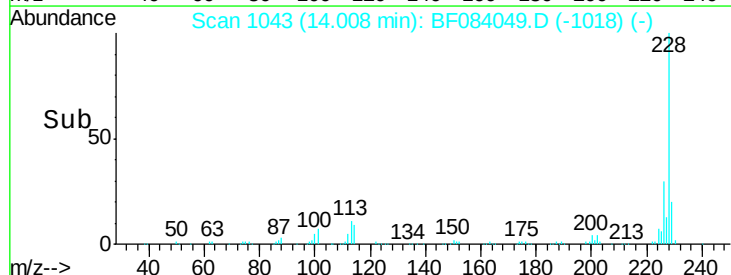
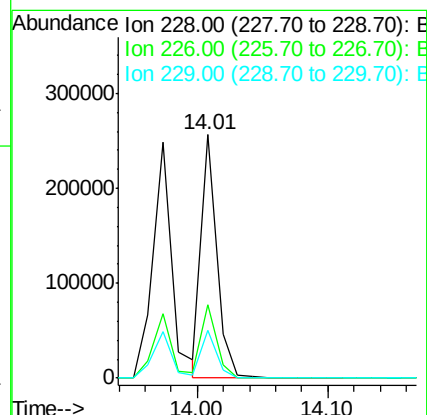
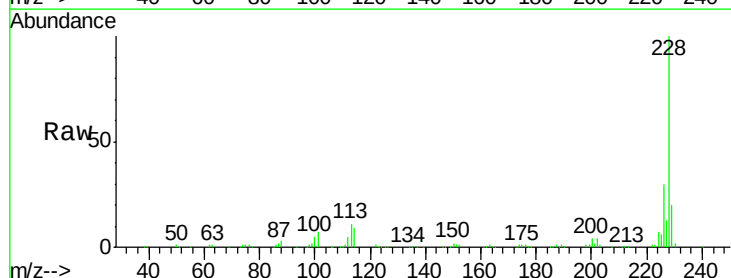
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87486BS

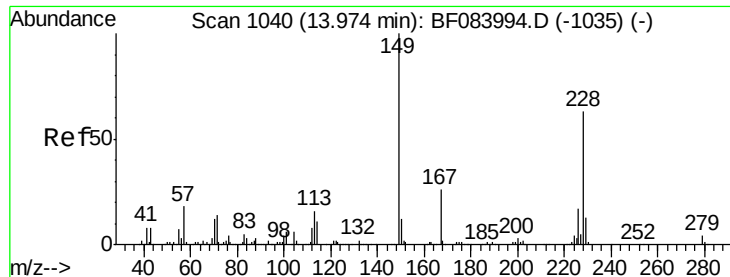
Tgt Ion: 252 Resp: 58710  
 Ion Ratio Lower Upper  
 252 100  
 254 63.3 53.5 80.3  
 126 13.4 4.9 7.3#



#82  
 Chrysene  
 Concen: 40.66 ng  
 RT: 14.01 min Scan# 1043  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Tgt Ion: 228 Resp: 211705  
 Ion Ratio Lower Upper  
 228 100  
 226 30.0 24.3 36.5  
 229 19.6 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.59 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

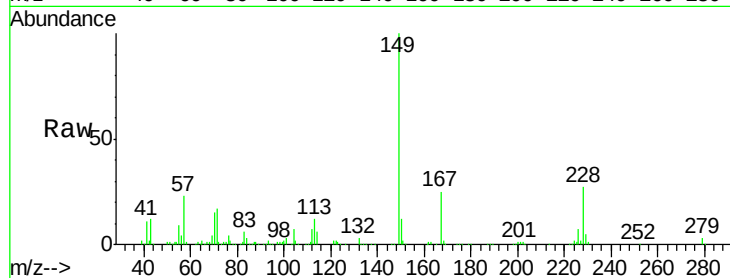
Tgt Ion:149 Resp: 212937

Ion Ratio Lower Upper

149 100

167 25.5 19.7 29.5

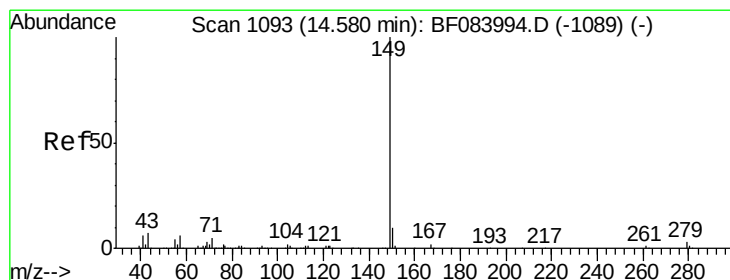
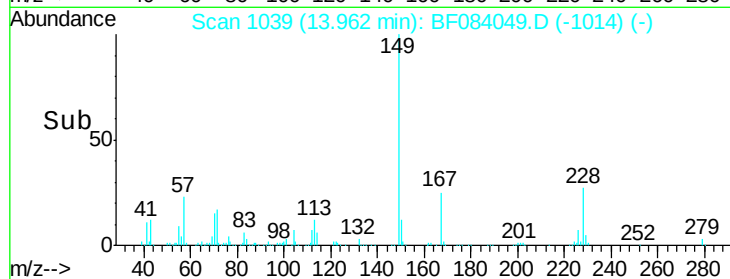
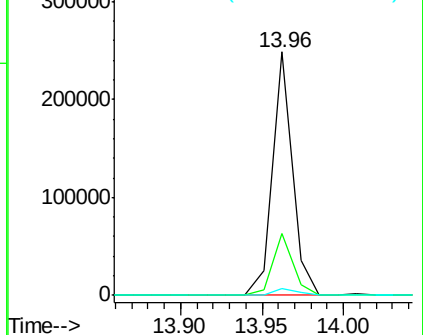
279 2.7 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.45 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

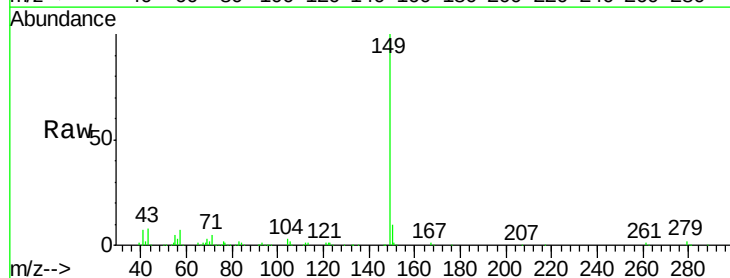
Tgt Ion:149 Resp: 333005

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

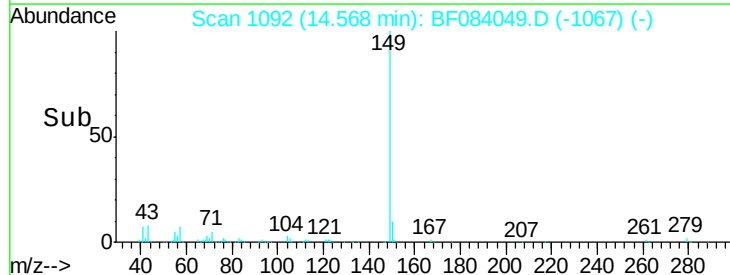
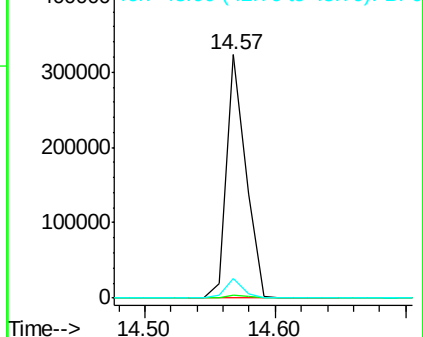
43 8.2 5.6 8.4

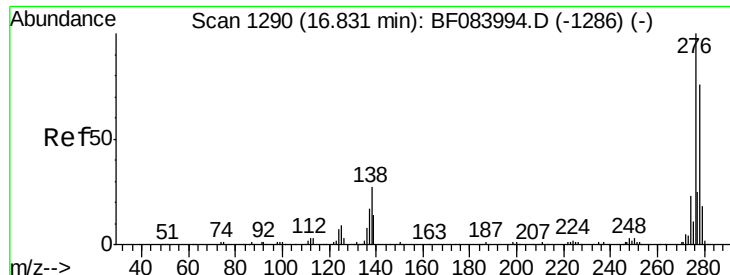


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

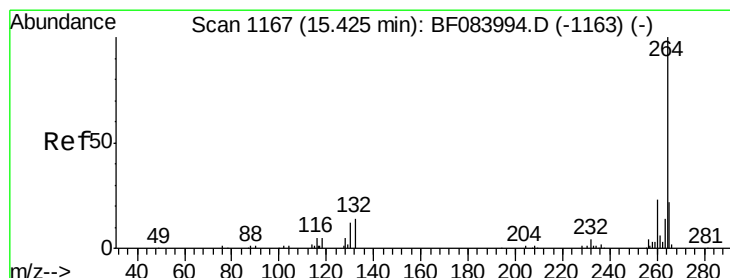
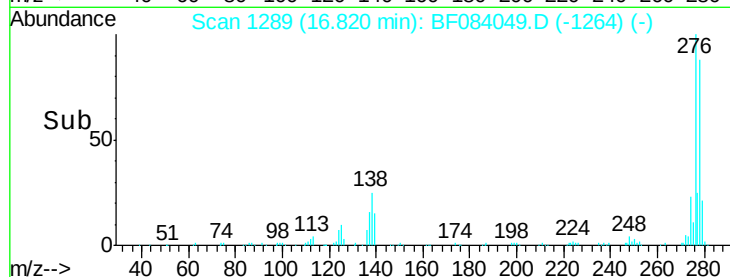
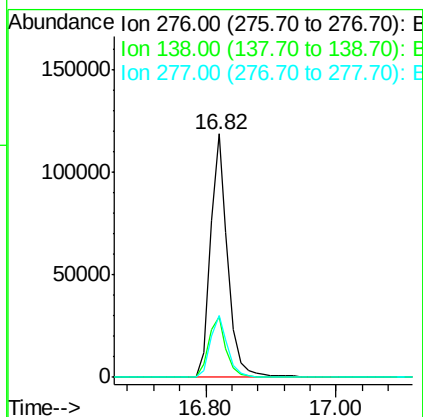
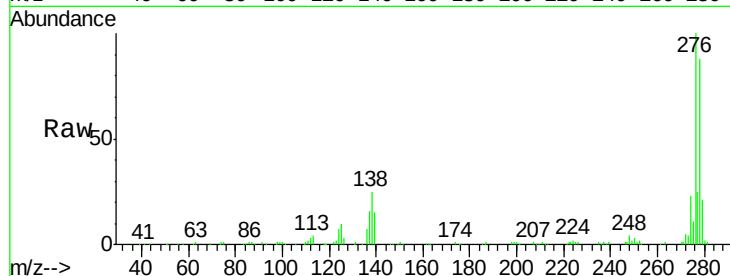




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 50.89 ng  
 RT: 16.82 min Scan# 1289  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

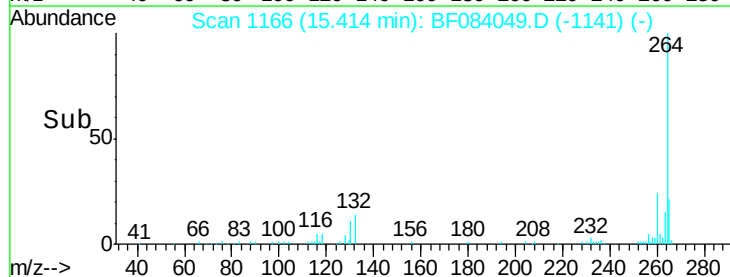
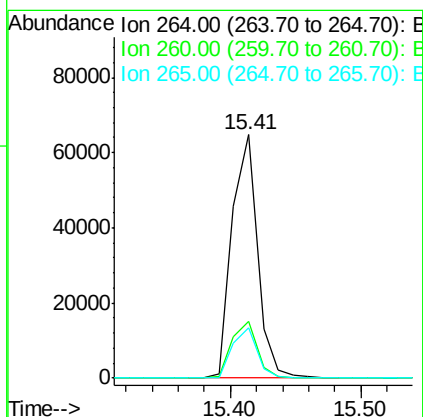
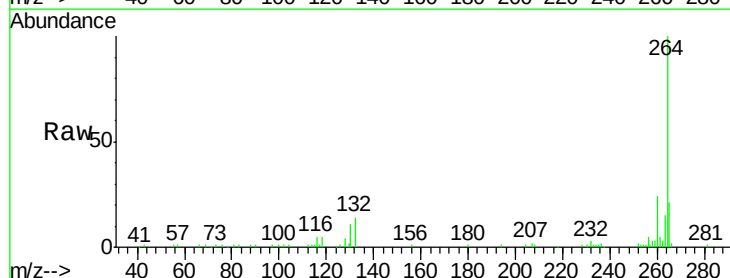
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87486BS

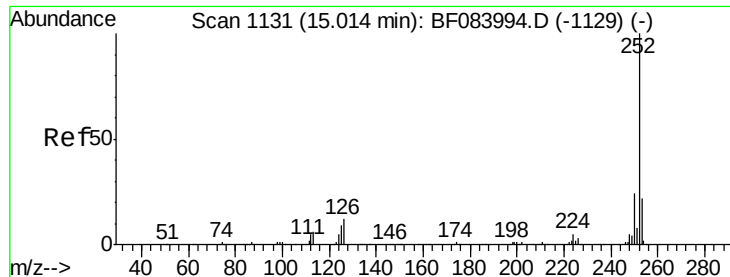
Tgt Ion: 276 Resp: 219203  
 Ion Ratio Lower Upper  
 276 100  
 138 25.5 20.6 30.8  
 277 25.4 20.1 30.1



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.41 min Scan# 1166  
 Delta R.T. -0.01 min  
 Lab File: BF084049.D  
 Acq: 23 Dec 2015 22:36

Tgt Ion: 264 Resp: 87731  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.4 29.2  
 265 20.6 17.8 26.6

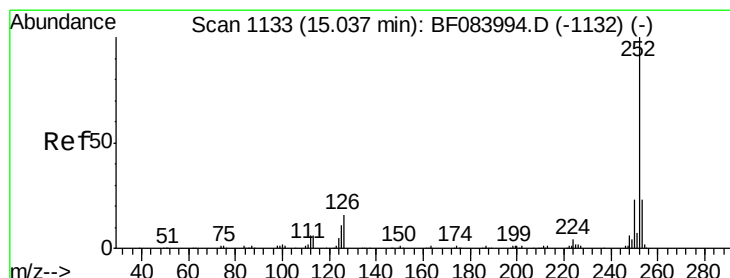
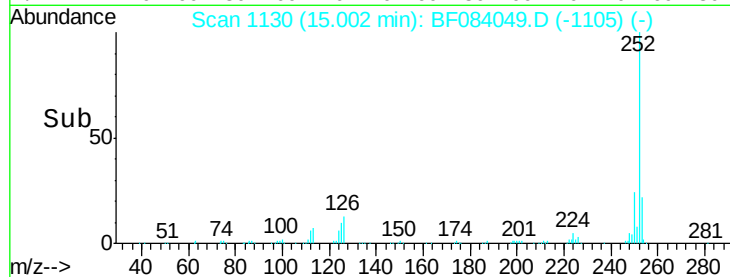
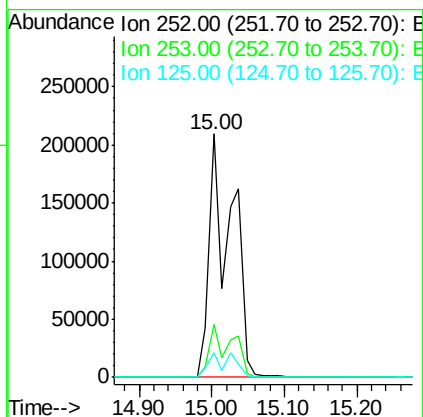
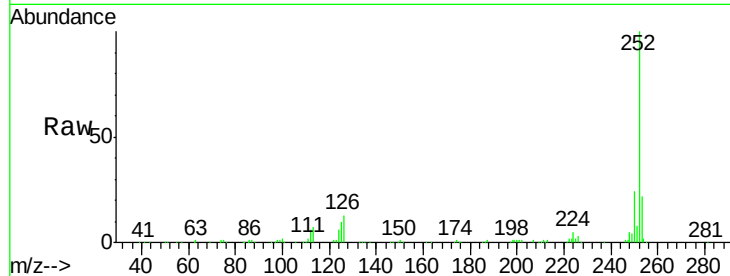




#87  
Benzo(b)fluoranthene  
Concen: 81.96 ng  
RT: 15.00 min Scan# 1130  
Delta R.T. -0.01 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

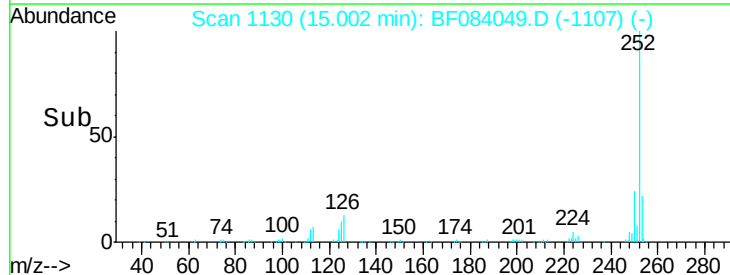
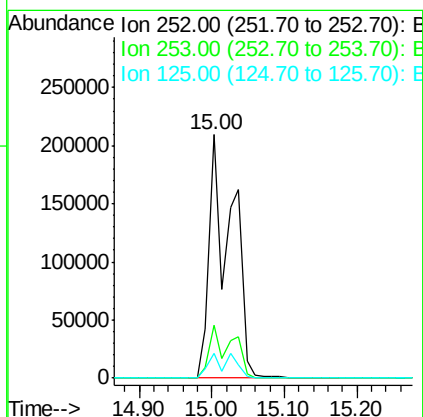
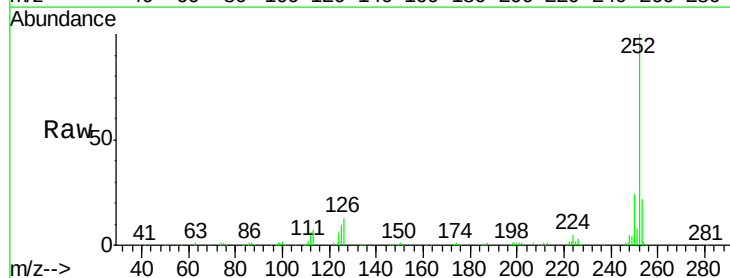
Instrument :  
BNA\_F  
ClientSampleId :  
PB87486BS

Tgt Ion:252 Resp: 453297  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.3 25.9  
125 10.4 6.5 9.7#

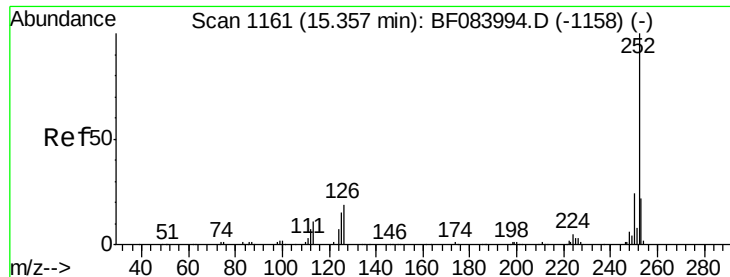


#88  
Benzo(k)fluoranthene  
Concen: 86.18 ng  
RT: 15.00 min Scan# 1130  
Delta R.T. -0.03 min  
Lab File: BF084049.D  
Acq: 23 Dec 2015 22:36

Tgt Ion:252 Resp: 453297  
Ion Ratio Lower Upper  
252 100  
253 21.6 18.1 27.1  
125 10.4 9.0 13.6







#89

Benzo(a)pyrene

Concen: 43.68 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

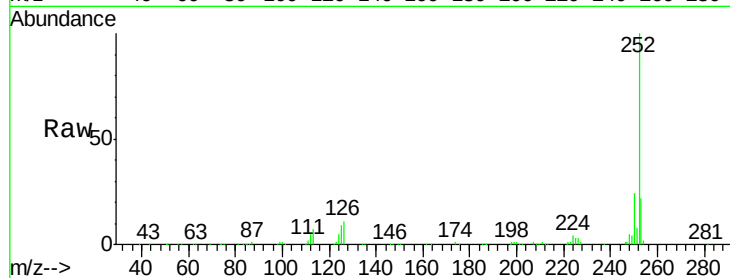
Tgt Ion:252 Resp: 223765

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

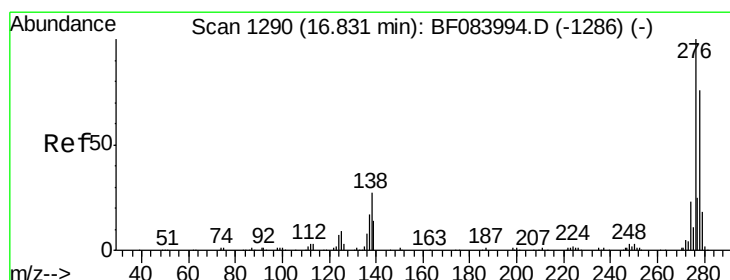
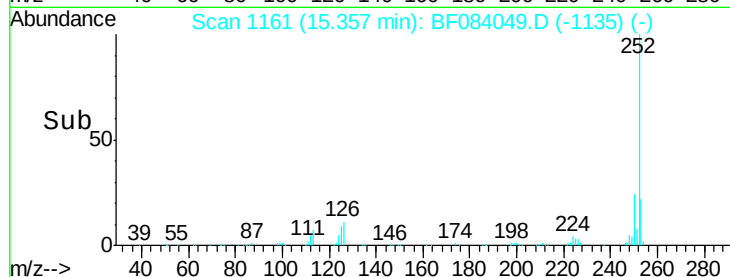
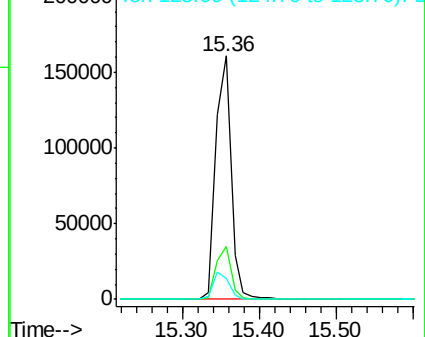
125 8.8 7.0 10.4



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: 44.10 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

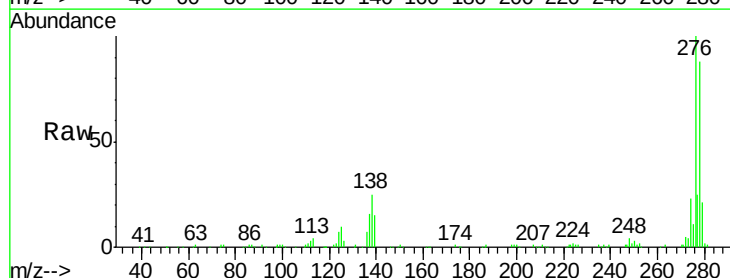
Tgt Ion:278 Resp: 187189

Ion Ratio Lower Upper

278 100

139 16.6 15.0 22.4

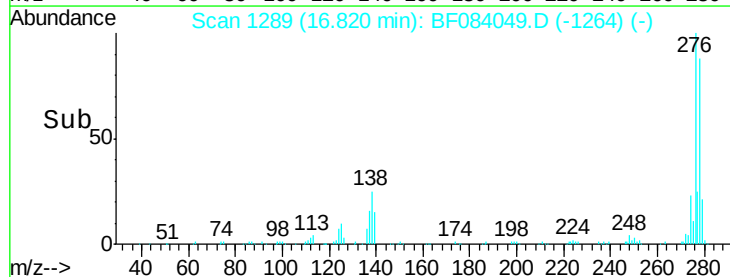
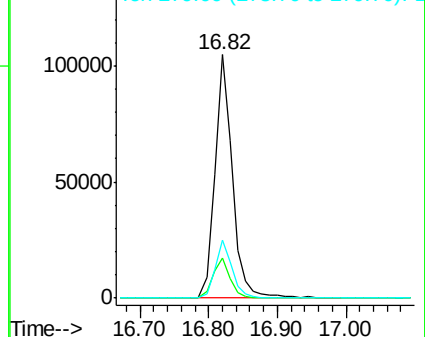
279 23.9 18.9 28.3

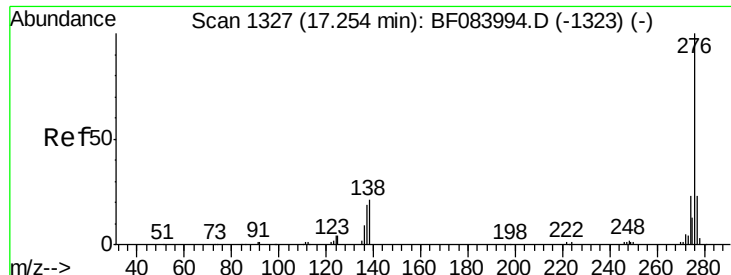


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.99 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF084049.D

Acq: 23 Dec 2015 22:36

Instrument :

BNA\_F

ClientSampleId :

PB87486BS

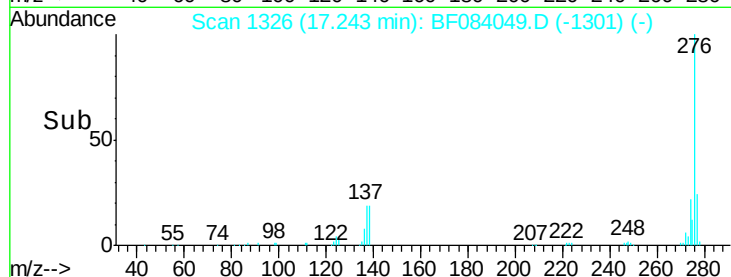
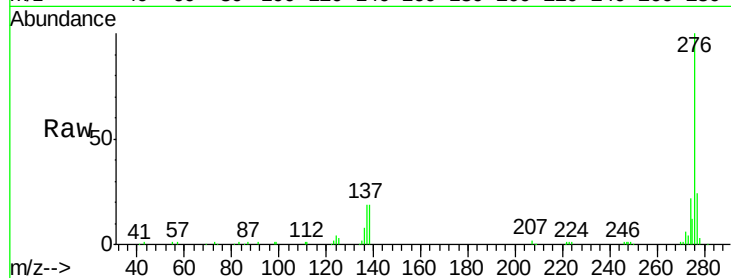
Tgt Ion: 276 Resp: 171703

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 19.1 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

