

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF091216\  
 Data File : BF090067.D  
 Acq On : 12 Sep 2016 17:00  
 Operator : UM/SJ  
 Sample : H4744-01MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1AMSD

Quant Time: Sep 13 02:41:24 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF083116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 08 16:07:52 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.58  | 152  | 180759   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 7.86  | 136  | 682732   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 9.61  | 164  | 314627   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 11.08 | 188  | 524361   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 13.69 | 240  | 400835   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 15.03 | 264  | 325650   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.15  | 112 | 1384998 | 122.64 | ng | -0.01 |
| 7) Phenol-d6             | 6.24  | 99  | 1577369 | 114.95 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.15  | 82  | 1034184 | 87.85  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.40 | 330 | 367307  | 118.33 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 8.95  | 172 | 1689700 | 88.16  | ng | -0.02 |
| 78) Terphenyl-d14        | 12.66 | 244 | 1285494 | 79.22  | ng | -0.02 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.04 | 88  | 176390  | 32.97 | ng | # 93   |
| 3) Pyridine                    | 2.65 | 79  | 517055  | 36.22 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.60 | 42  | 281215  | 39.95 | ng | 93     |
| 6) Aniline                     | 6.26 | 93  | 565226  | 30.19 | ng | # 76   |
| 8) 2-Chlorophenol              | 6.36 | 128 | 536189  | 43.76 | ng | 95     |
| 9) Benzaldehyde                | 6.11 | 77  | 67573   | 7.63  | ng | 92     |
| 10) Phenol                     | 6.25 | 94  | 640339  | 40.13 | ng | 81     |
| 11) bis(2-Chloroethyl)ether    | 6.33 | 93  | 556631  | 46.10 | ng | 86     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 519666  | 37.98 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.59 | 146 | 578412  | 41.31 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.75 | 146 | 535654  | 42.68 | ng | 96     |
| 15) Benzyl Alcohol             | 6.73 | 79  | 379308  | 44.13 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.88 | 45  | 942493  | 40.94 | ng | 93     |
| 17) 2-Methylphenol             | 6.86 | 107 | 400035  | 40.89 | ng | 98     |
| 18) Hexachloroethane           | 7.08 | 117 | 170417  | 35.54 | ng | # 87   |
| 19) n-Nitroso-di-n-propylamine | 7.02 | 70  | 377309  | 42.20 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.02 | 107 | 505126  | 42.59 | ng | # 72   |
| 22) Acetophenone               | 7.00 | 105 | 682878  | 44.59 | ng | # 90   |
| 24) Nitrobenzene               | 7.16 | 77  | 500907  | 40.02 | ng | 98     |
| 25) Isophorone                 | 7.42 | 82  | 983210  | 41.07 | ng | 98     |
| 26) 2-Nitrophenol              | 7.48 | 139 | 260189  | 43.49 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.54 | 122 | 450052  | 40.67 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.63 | 93  | 606177  | 41.98 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.74 | 162 | 466329  | 47.00 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 7.82 | 180 | 492833  | 45.44 | ng | 99     |
| 31) Naphthalene                | 7.88 | 128 | 1378629 | 40.53 | ng | 100    |
| 32) Benzoic acid               | 7.54 | 122 | 450052  | 60.37 | ng | # 13   |
| 33) 4-Chloroaniline            | 7.95 | 127 | 431477  | 31.44 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.01 | 225 | 261776  | 41.18 | ng | 99     |
| 35) Caprolactam                | 8.32 | 113 | 139797  | 44.64 | ng | # 84   |
| 36) 4-Chloro-3-methylphenol    | 8.44 | 107 | 466659  | 44.41 | ng | 92     |
| 37) 2-Methylnaphthalene        | 8.58 | 142 | 1012645 | 45.05 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.74 | 216 | 373786  | 40.55 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.73 | 237 | 119351  | 25.25 | ng | 94     |

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 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

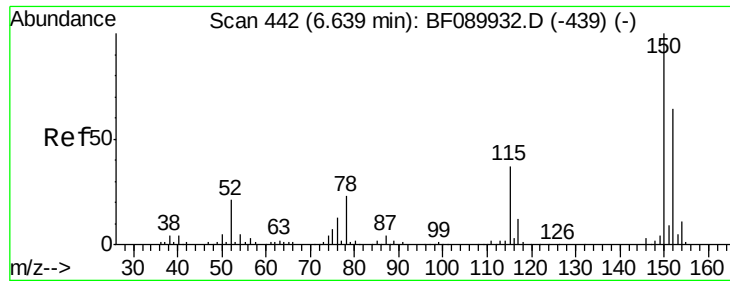
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1AMSD

Quant Time: Sep 13 02:41:24 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF083116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 08 16:07:52 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.87  | 196  | 281649   | 44.09  | ng    | 95       |
| 43) 2,4,5-Trichlorophenol      | 8.90  | 196  | 302345   | 49.22  | ng    | 95       |
| 45) 1,1'-Biphenyl              | 9.04  | 154  | 988189   | 39.01  | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.06  | 162  | 847316   | 47.28  | ng    | 98       |
| 47) 2-Nitroaniline             | 9.16  | 65   | 293220   | 50.05  | ng    | 88       |
| 48) Acenaphthylene             | 9.47  | 152  | 1317936  | 44.48  | ng    | 100      |
| 49) Dimethylphthalate          | 9.36  | 163  | 1497819  | 65.87  | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.42  | 165  | 221191   | 43.73  | ng    | # 62     |
| 51) Acenaphthene               | 9.64  | 154  | 816240   | 43.48  | ng    | 99       |
| 52) 3-Nitroaniline             | 9.58  | 138  | 244251   | 42.34  | ng    | 84       |
| 53) 2,4-Dinitrophenol          | 9.68  | 184  | 12913    | 8.81   | ng    | # 74     |
| 54) Dibenzofuran               | 9.82  | 168  | 1191717  | 47.37  | ng    | 99       |
| 55) 4-Nitrophenol              | 9.76  | 139  | 295795   | 67.98  | ng    | 94       |
| 56) 2,4-Dinitrotoluene         | 9.80  | 165  | 246457   | 38.43  | ng    | # 78     |
| 57) Fluorene                   | 10.16 | 166  | 867830   | 47.21  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.94  | 232  | 254670   | 48.43  | ng    | # 92     |
| 59) Diethylphthalate           | 10.04 | 149  | 950975   | 44.45  | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.16 | 204  | 400174   | 46.26  | ng    | 98       |
| 61) 4-Nitroaniline             | 10.18 | 138  | 237393   | 41.88  | ng    | 92       |
| 62) Azobenzene                 | 10.31 | 77   | 875692   | 40.98  | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 10.22 | 198  | 23181    | 6.91   | ng    | # 74     |
| 65) n-Nitrosodiphenylamine     | 10.27 | 169  | 734822   | 46.61  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.64 | 248  | 266823   | 50.55  | ng    | 99       |
| 67) Hexachlorobenzene          | 10.70 | 284  | 253950   | 42.12  | ng    | 96       |
| 68) Atrazine                   | 10.81 | 200  | 249606   | 47.43  | ng    | 93       |
| 69) Pentachlorophenol          | 10.89 | 266  | 258187   | 79.59  | ng    | 98       |
| 70) Phenanthrene               | 11.11 | 178  | 1260206  | 48.26  | ng    | 98       |
| 71) Anthracene                 | 11.15 | 178  | 1211350  | 45.74  | ng    | 99       |
| 72) Carbazole                  | 11.31 | 167  | 1071603  | 43.15  | ng    | 100      |
| 73) Di-n-butylphthalate        | 11.67 | 149  | 1295293  | 44.75  | ng    | # 97     |
| 74) Fluoranthene               | 12.29 | 202  | 1309623  | 47.86  | ng    | 97       |
| 76) Benzidine                  | 12.41 | 184  | 610672   | 40.22  | ng    | 96       |
| 77) Pyrene                     | 12.50 | 202  | 1229364  | 43.50  | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.14 | 149  | 527356   | 46.27  | ng    | 95       |
| 80) Benzo(a)anthracene         | 13.69 | 228  | 1124434  | 45.80  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.66 | 252  | 403794   | 45.57  | ng    | 98       |
| 82) Chrysene                   | 13.73 | 228  | 1137840  | 49.62  | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.71 | 149  | 730278   | 46.33  | ng    | 100      |
| 84) Di-n-octyl phthalate       | 14.32 | 149  | 1248882  | 49.08  | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.24 | 276  | 789651   | 46.58  | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 14.67 | 252  | 1782027  | 87.35  | ng    | # 97     |
| 88) Benzo(k)fluoranthene       | 14.67 | 252  | 1782027  | 102.94 | ng    | # 98     |
| 89) Benzo(a)pyrene             | 14.98 | 252  | 863727   | 49.42  | ng    | # 99     |
| 90) Dibenzo(a,h)anthracene     | 16.25 | 278  | 654240   | 51.09  | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 16.59 | 276  | 644460   | 49.99  | ng    | 98       |

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



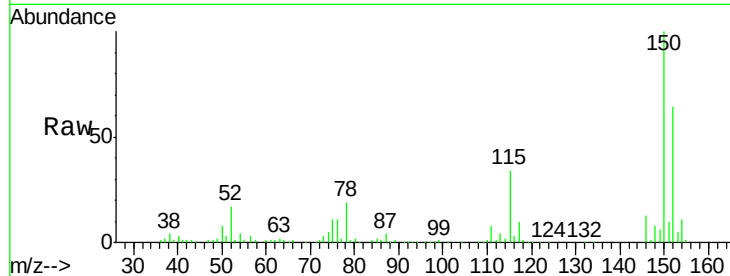


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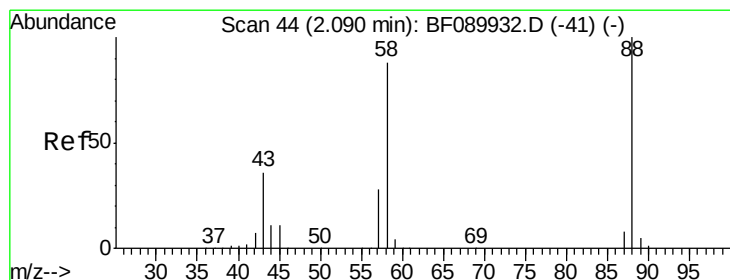
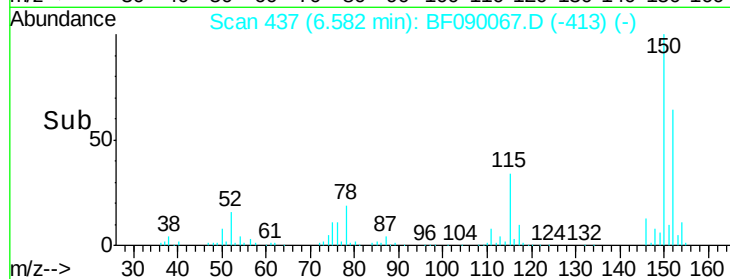
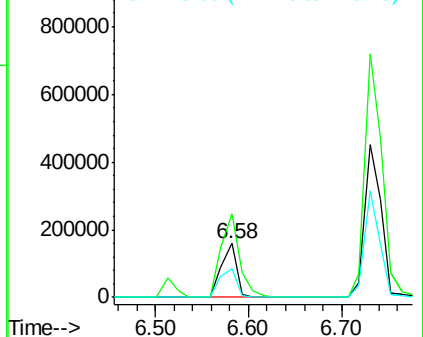
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.58 min Scan# 437  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1AMSD

Tgt Ion:152 Resp: 180759  
Ion Ratio Lower Upper  
152 100  
150 156.4 127.4 191.2  
115 53.2 46.3 69.5



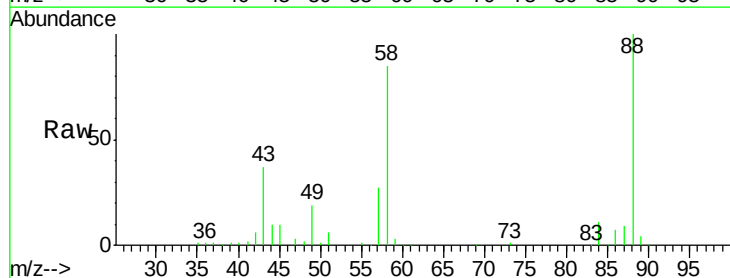
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



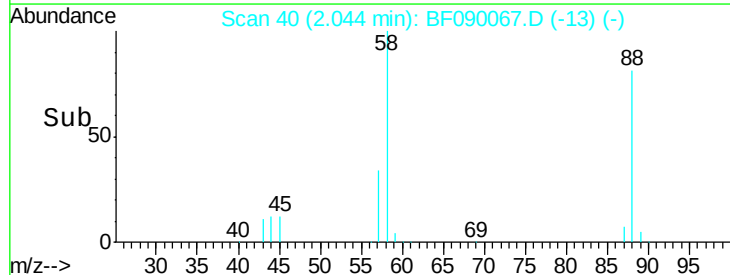
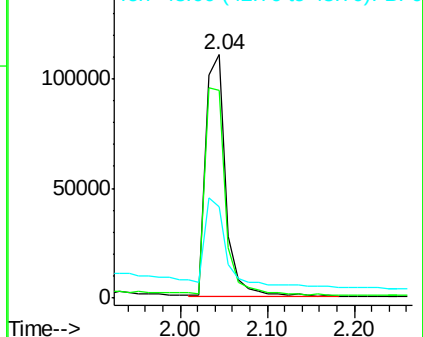
#2

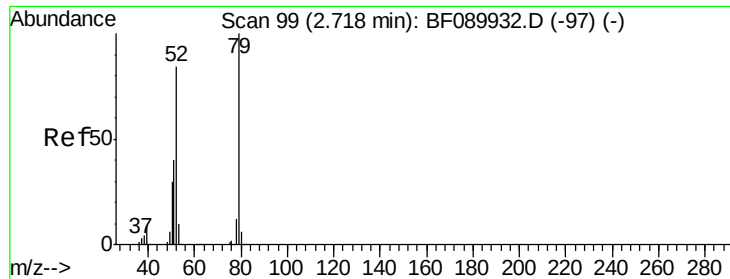
1,4-Dioxane  
Concen: 32.97 ng  
RT: 2.04 min Scan# 40  
Delta R.T. 0.01 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

Tgt Ion: 88 Resp: 176390  
Ion Ratio Lower Upper  
88 100  
58 87.2 68.8 103.2  
43 46.9 27.0 40.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.22 ng

RT: 2.65 min Scan# 93

Delta R.T. -0.01 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

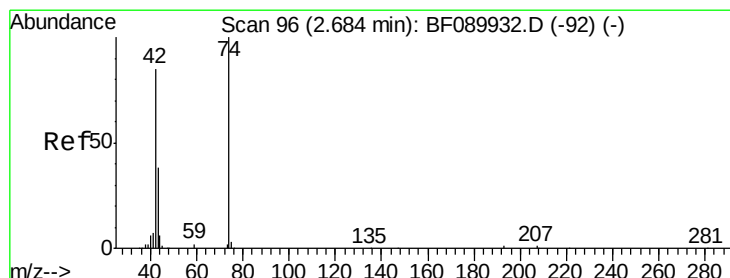
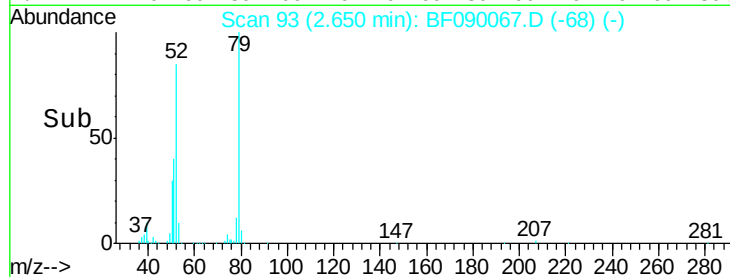
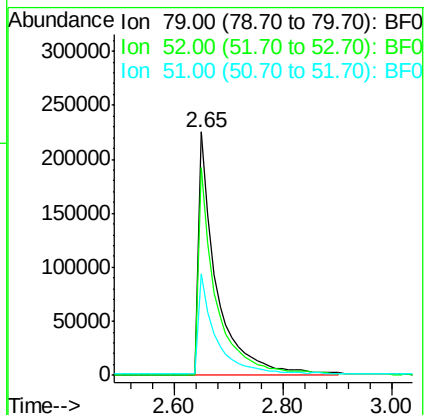
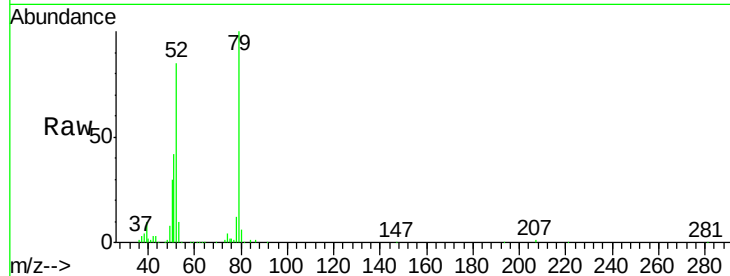
Tgt Ion: 79 Resp: 517055

Ion Ratio Lower Upper

79 100

52 85.1 67.8 101.6

51 41.5 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 39.95 ng

RT: 2.60 min Scan# 89

Delta R.T. -0.01 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

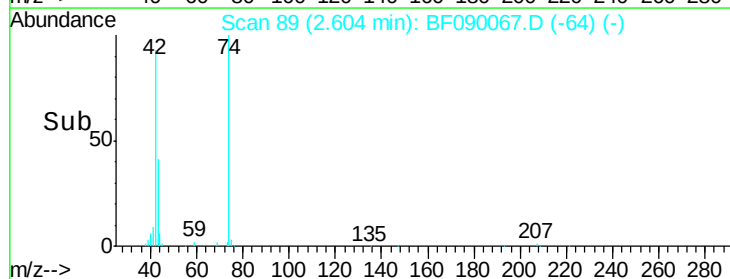
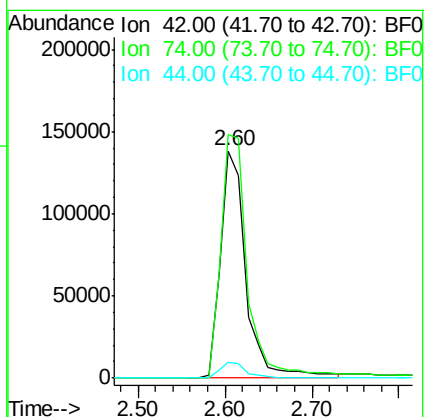
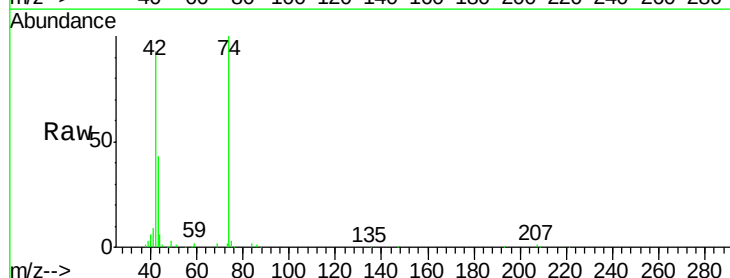
Tgt Ion: 42 Resp: 281215

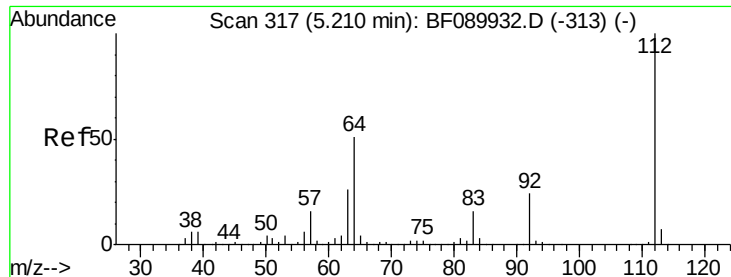
Ion Ratio Lower Upper

42 100

74 107.1 92.0 138.0

44 6.8 5.8 8.8





#5

2-Fluorophenol

Concen: 122.64 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.01 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

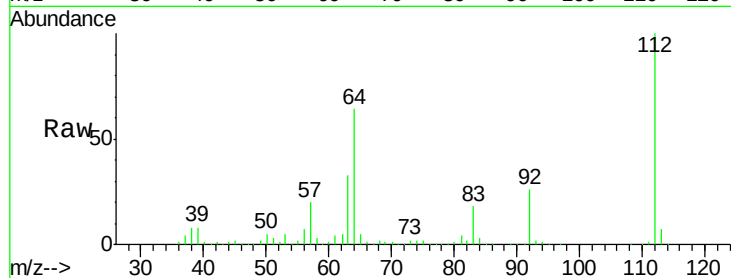
Tgt Ion: 112 Resp: 1384998

Ion Ratio Lower Upper

112 100

64 63.7 41.1 61.7#

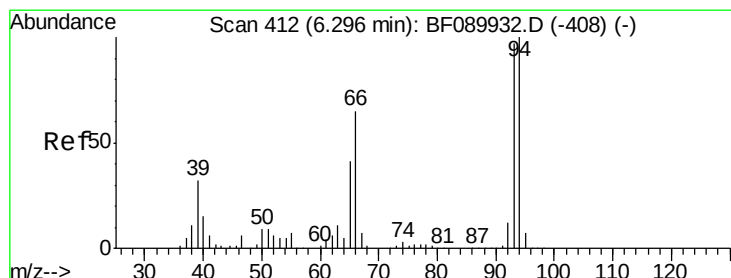
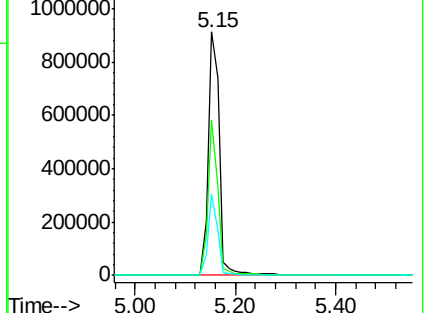
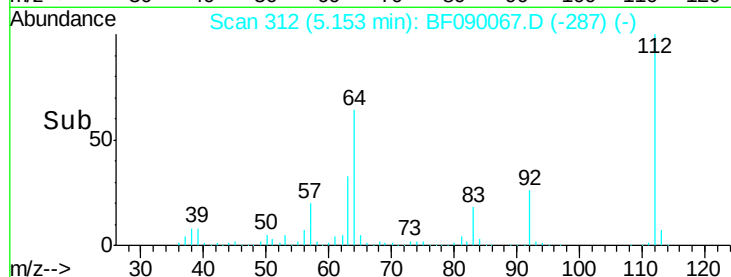
63 33.1 21.2 31.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.19 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

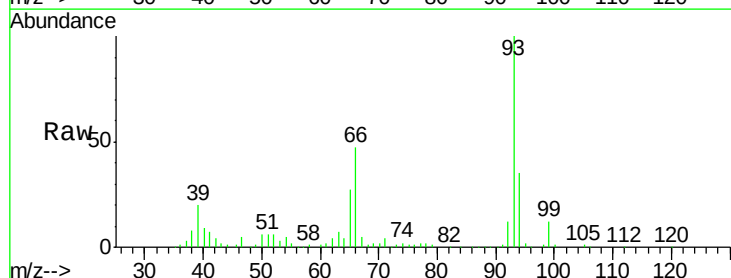
Tgt Ion: 93 Resp: 565226

Ion Ratio Lower Upper

93 100

66 46.7 52.9 79.3#

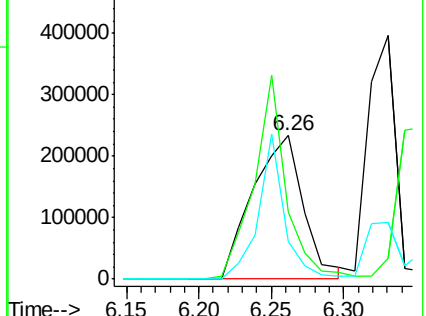
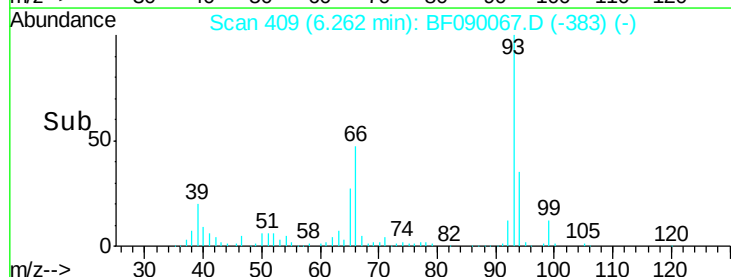
65 26.5 33.0 49.6#

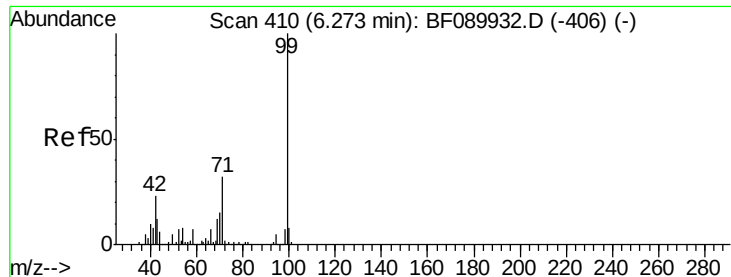


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.95 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

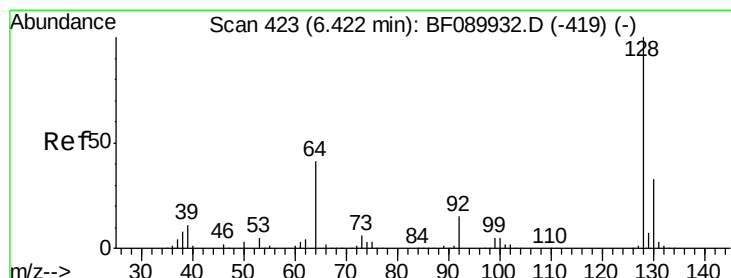
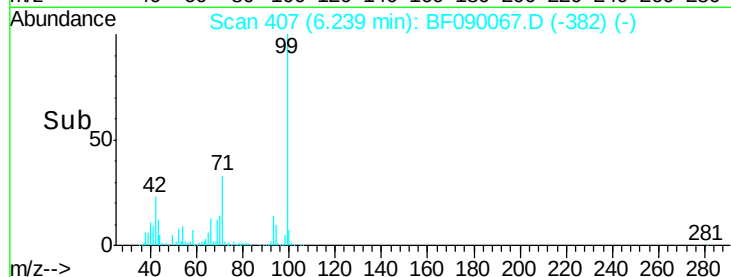
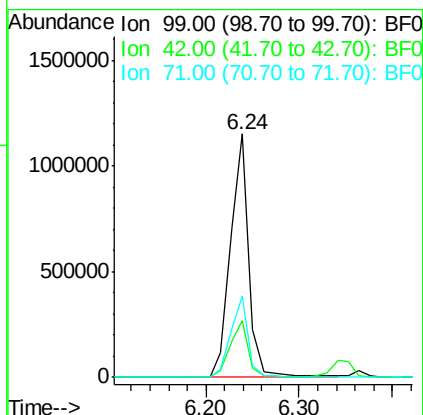
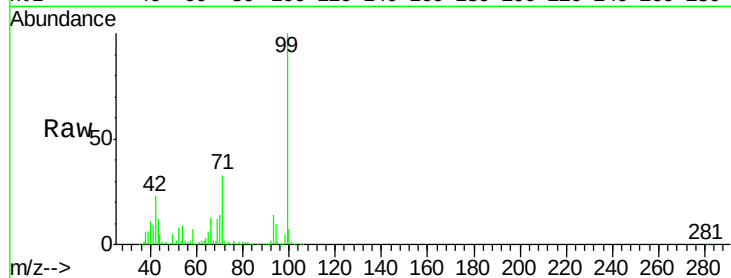
Tgt Ion: 99 Resp: 1577369

Ion Ratio Lower Upper

99 100

42 23.4 18.6 27.8

71 33.4 25.8 38.6



#8

2-Chlorophenol

Concen: 43.76 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

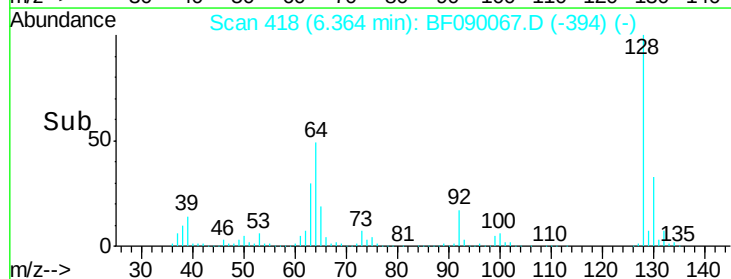
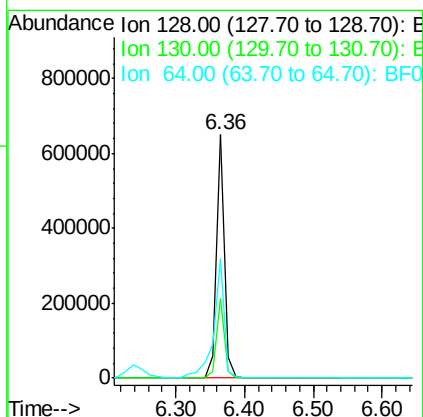
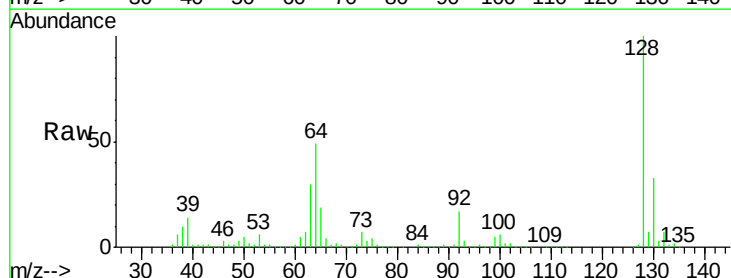
Tgt Ion: 128 Resp: 536189

Ion Ratio Lower Upper

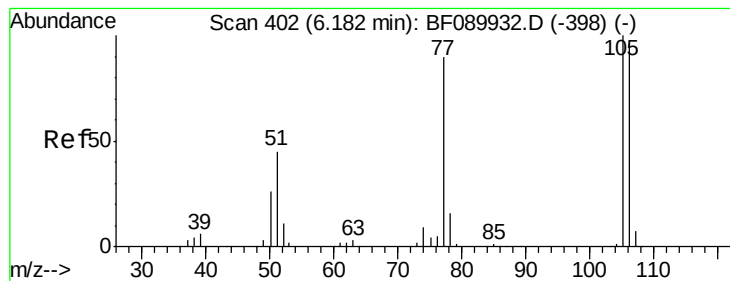
128 100

130 32.6 12.8 52.8

64 49.0 23.2 63.2







#9

Benzaldehyde

Concen: 7.63 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

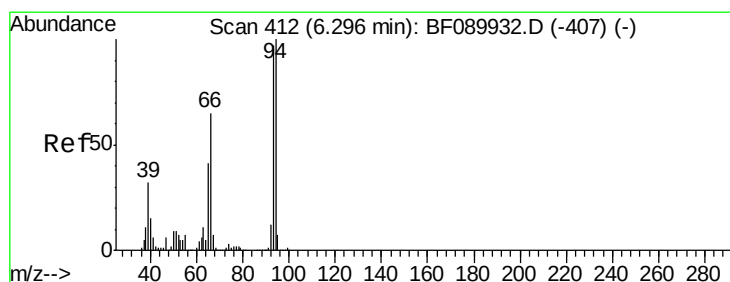
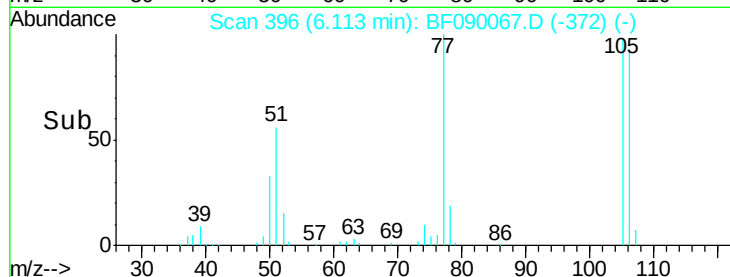
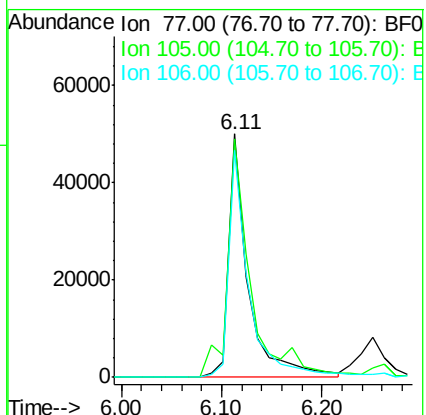
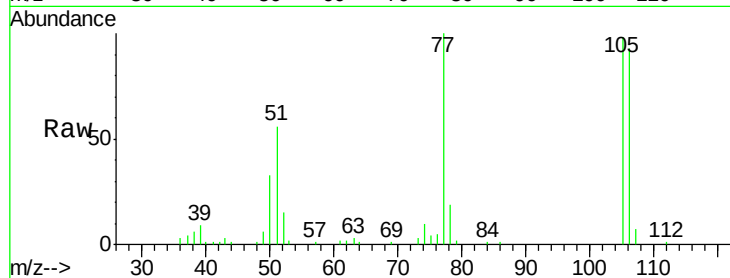
Tgt Ion: 77 Resp: 67573

Ion Ratio Lower Upper

77 100

105 98.1 85.4 125.4

106 93.3 83.4 123.4



#10

Phenol

Concen: 40.13 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

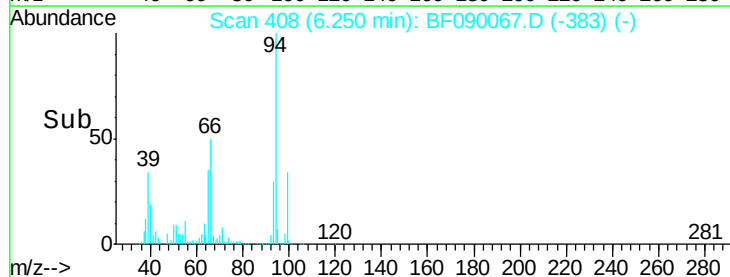
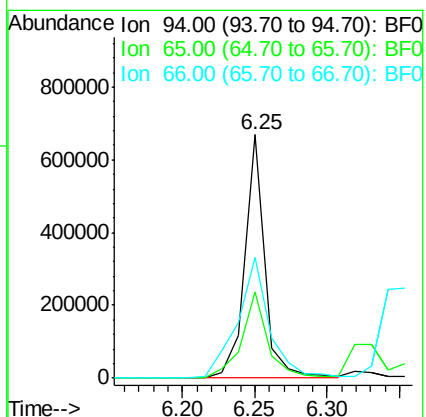
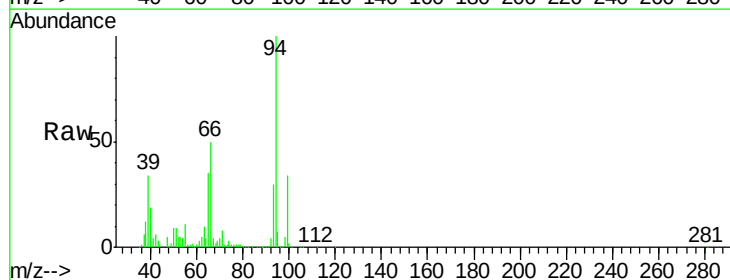
Tgt Ion: 94 Resp: 640339

Ion Ratio Lower Upper

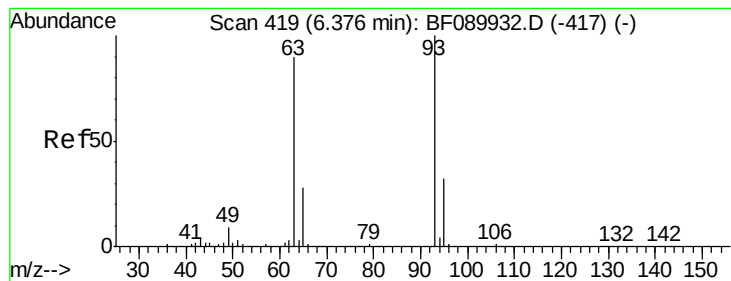
94 100

65 35.4 23.2 63.2

66 49.7 49.2 89.2



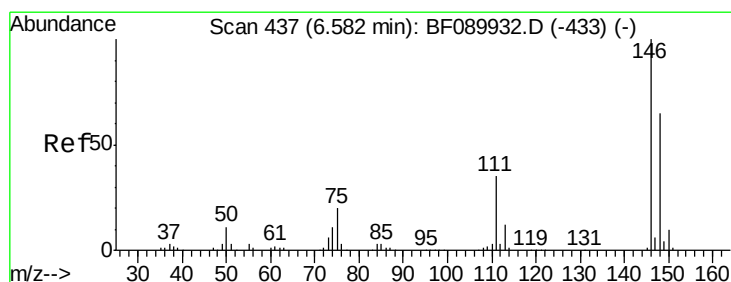
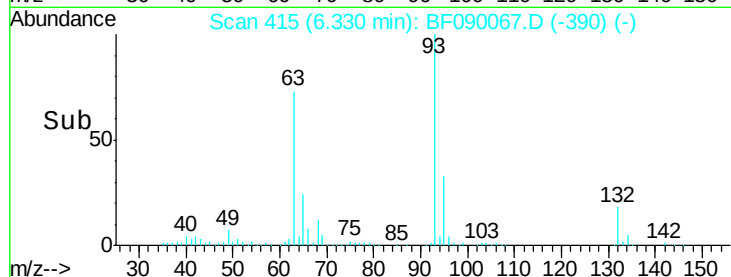
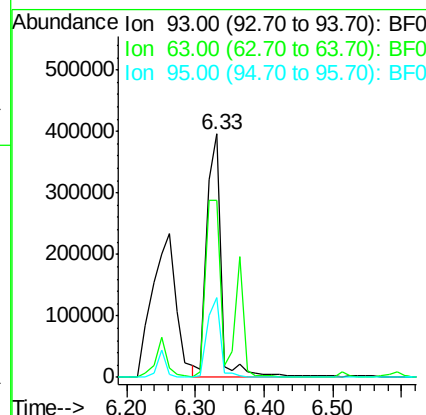
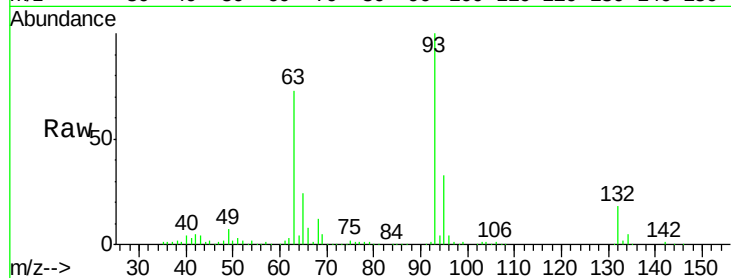




#11  
bis(2-Chloroethyl)ether  
Concen: 46.10 ng  
RT: 6.33 min Scan# 415  
Delta R.T. -0.01 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

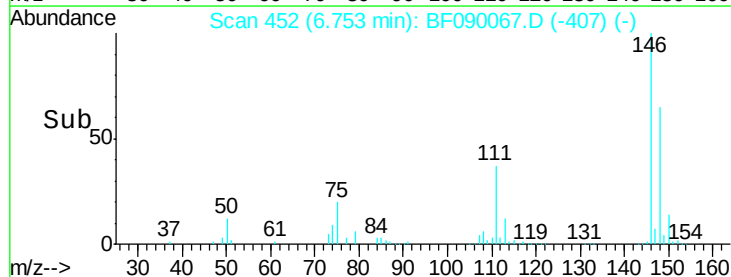
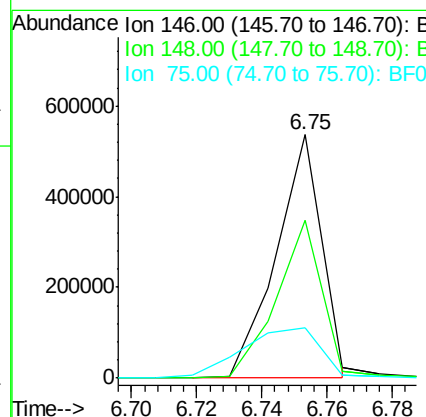
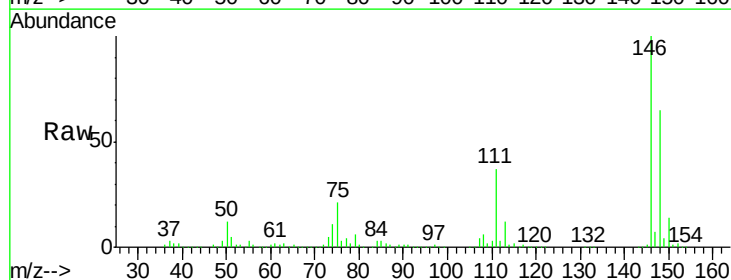
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1AMSD

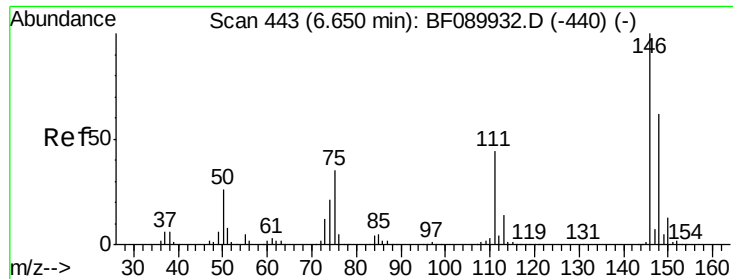
Tgt Ion: 93 Resp: 556631  
Ion Ratio Lower Upper  
93 100  
63 72.9 71.1 111.1  
95 32.6 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 37.98 ng  
RT: 6.75 min Scan# 452  
Delta R.T. 0.22 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

Tgt Ion: 146 Resp: 519666  
Ion Ratio Lower Upper  
146 100  
148 64.6 52.5 78.7  
75 20.9 16.6 24.8

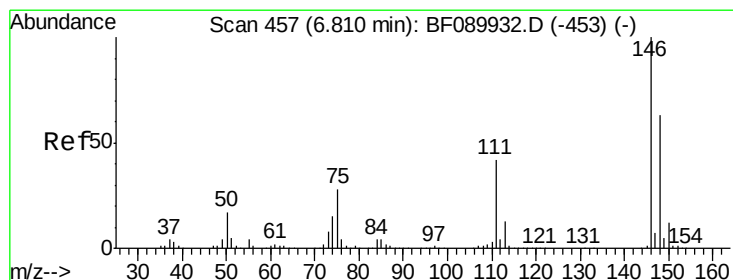
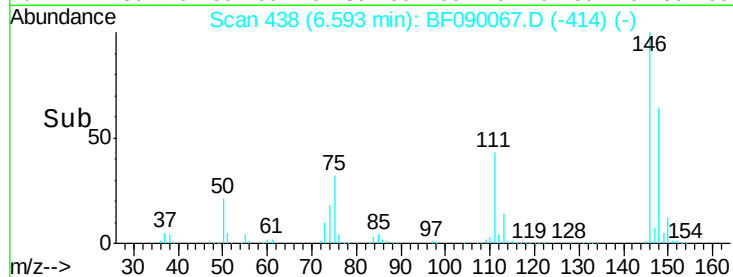
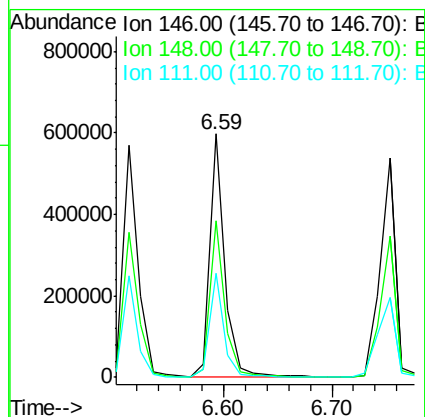
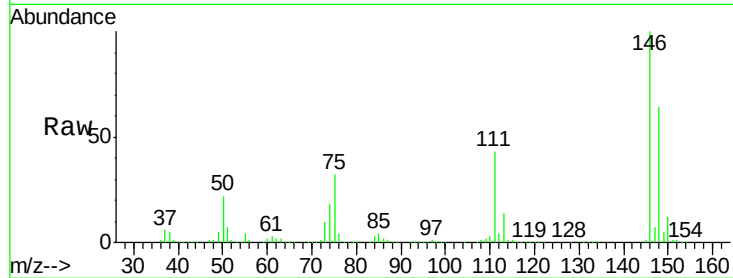




#13  
 1,4-Dichlorobenzene  
 Concen: 41.31 ng  
 RT: 6.59 min Scan# 438  
 Delta R.T. -0.02 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

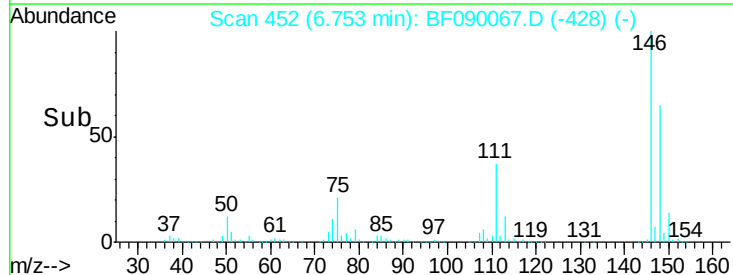
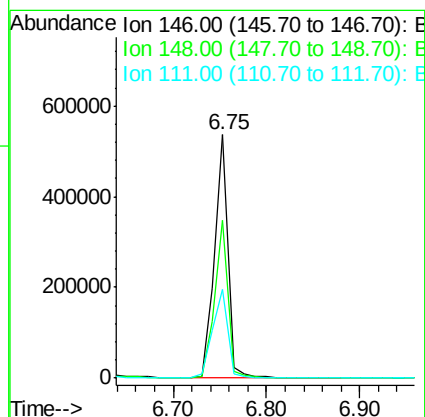
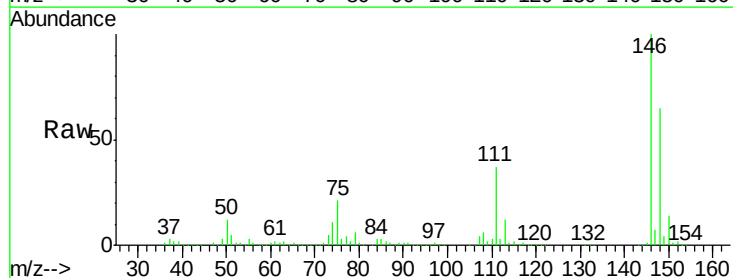
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1AMSD

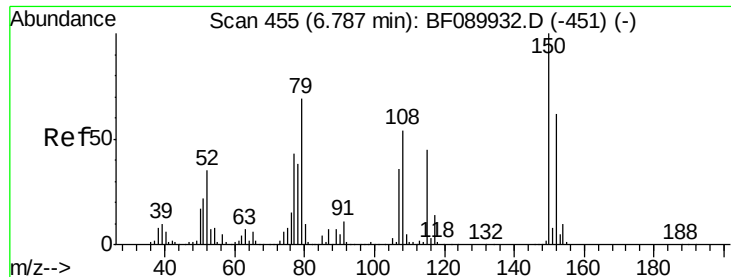
Tgt Ion:146 Resp: 578412  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 50.1 75.1  
 111 42.8 35.8 53.6



#14  
 1,2-Dichlorobenzene  
 Concen: 42.68 ng  
 RT: 6.75 min Scan# 452  
 Delta R.T. -0.02 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

Tgt Ion:146 Resp: 535654  
 Ion Ratio Lower Upper  
 146 100  
 148 64.6 51.4 77.2  
 111 36.6 34.6 51.8





#15

Benzyl Alcohol

Concen: 44.13 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampled :

SP-1AMSD

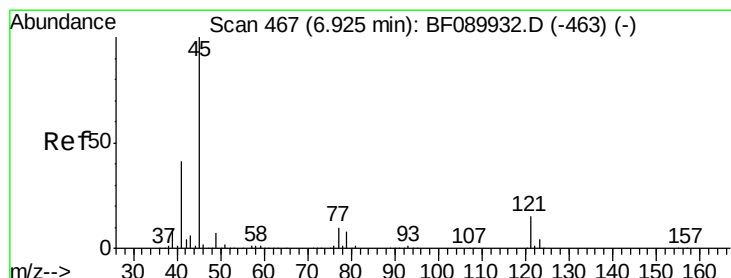
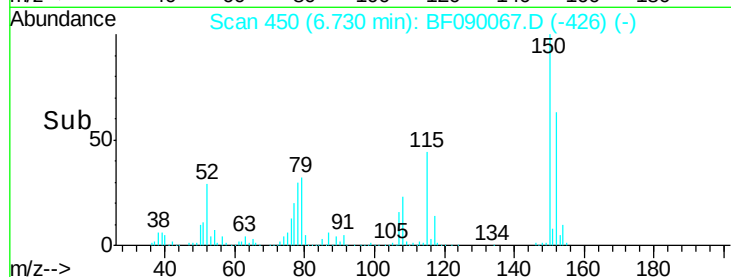
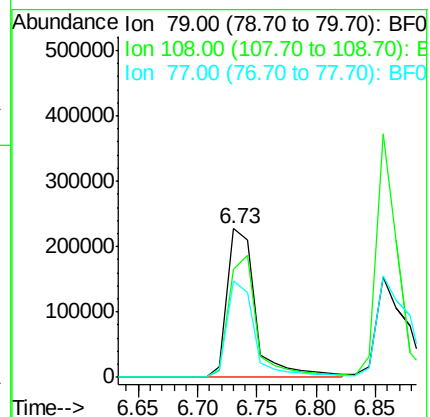
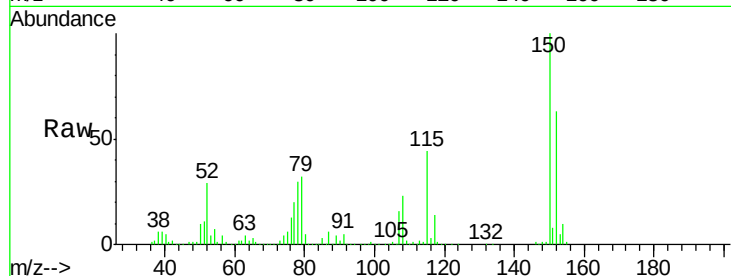
Tgt Ion: 79 Resp: 379308

Ion Ratio Lower Upper

79 100

108 72.4 62.1 93.1

77 64.4 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.94 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

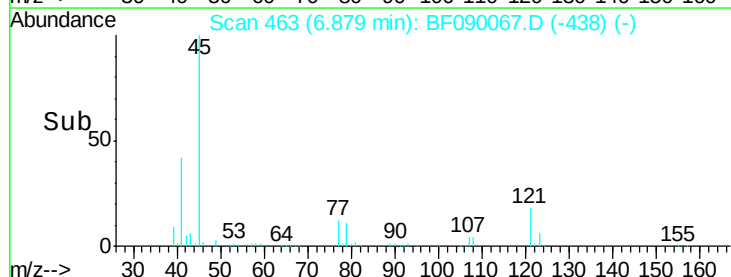
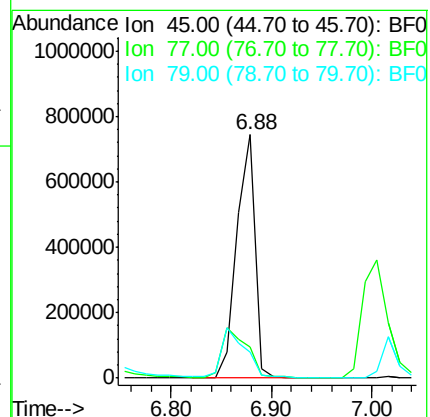
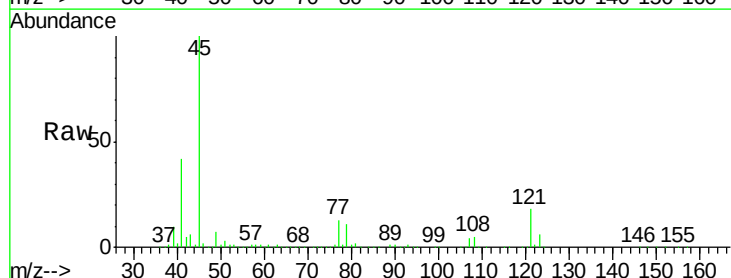
Tgt Ion: 45 Resp: 942493

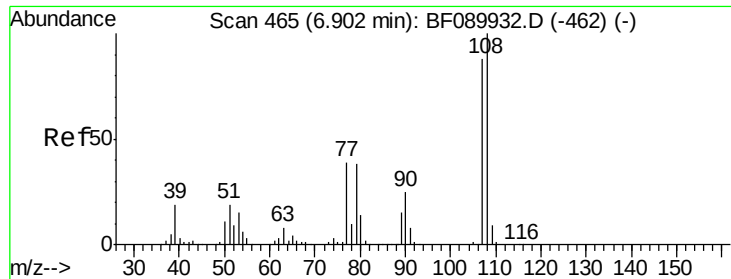
Ion Ratio Lower Upper

45 100

77 12.7 0.0 30.3

79 10.5 0.0 27.5

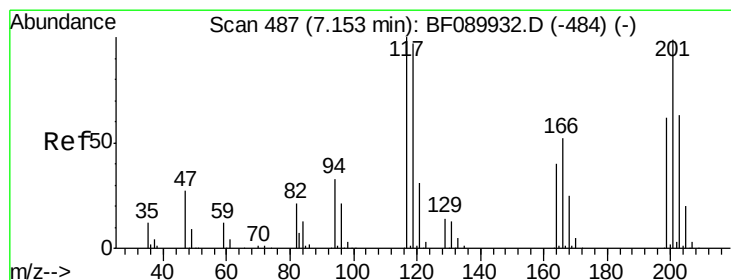
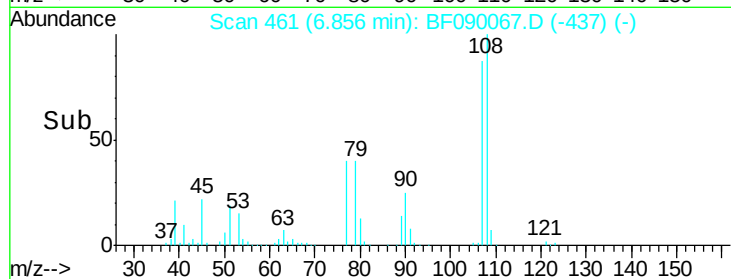
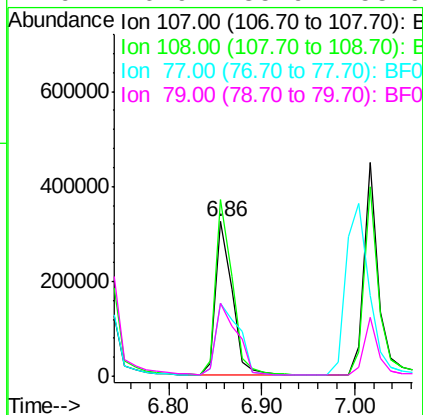
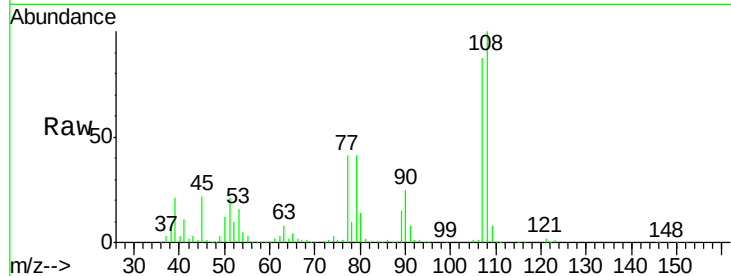




#17  
2-Methylphenol  
Concen: 40.89 ng  
RT: 6.86 min Scan# 461  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

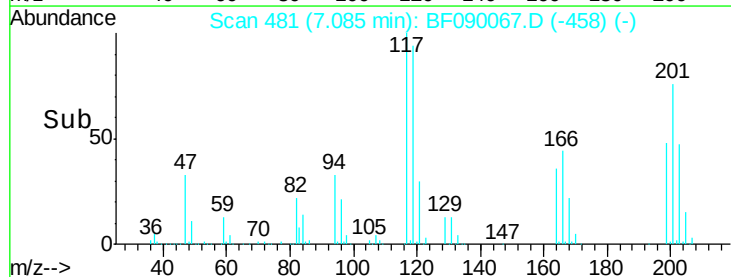
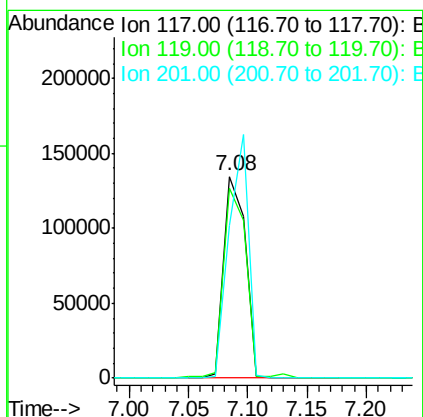
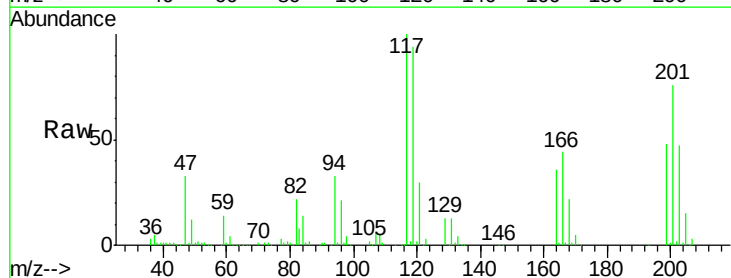
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1AMSD

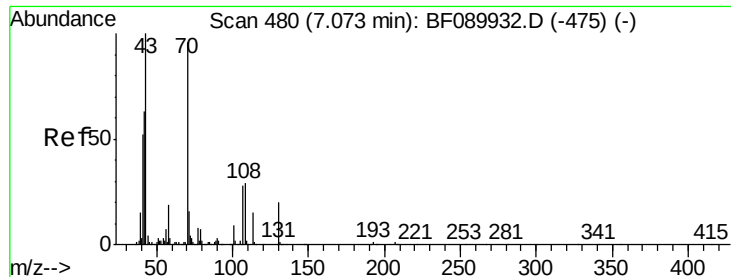
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 400035 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.5 | 91.8  | 137.6  |
| 77       | 47.5  | 36.0  | 54.0   |
| 79       | 46.9  | 35.9  | 53.9   |



#18  
Hexachloroethane  
Concen: 35.54 ng  
RT: 7.08 min Scan# 481  
Delta R.T. -0.03 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 170417 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.0  | 76.2  | 114.2  |
| 201      | 75.6  | 80.2  | 120.2# |

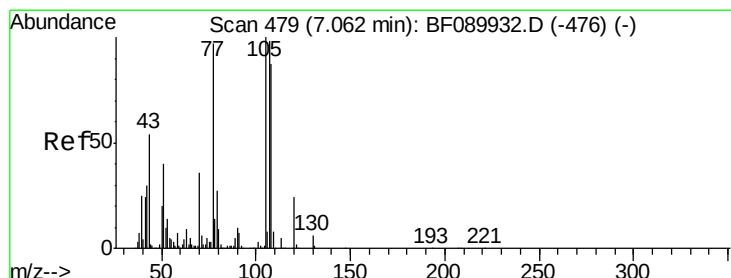
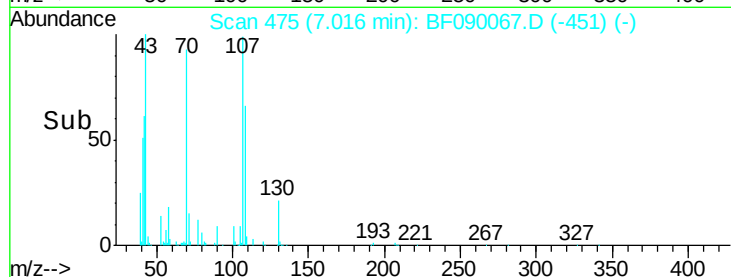
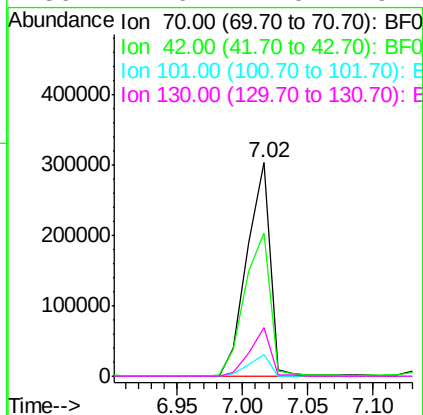
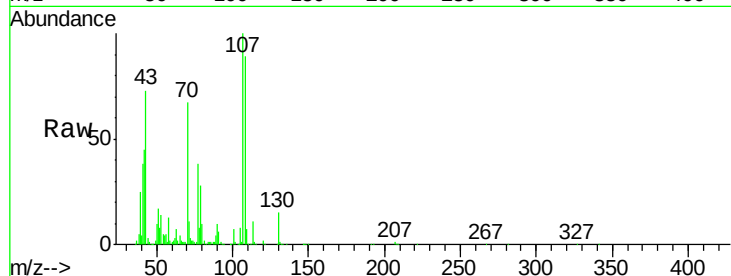




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.20 ng  
RT: 7.02 min Scan# 475  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

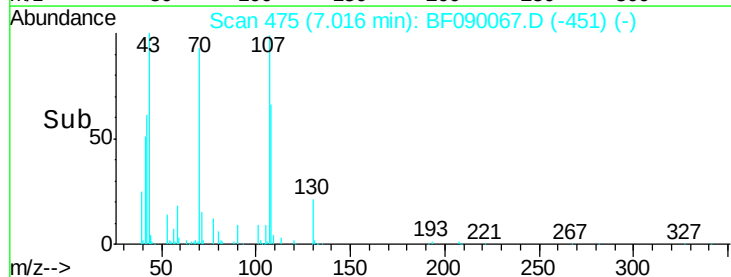
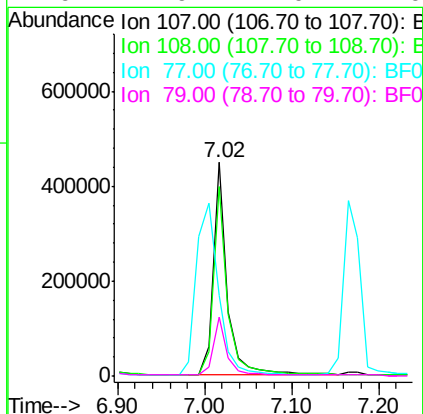
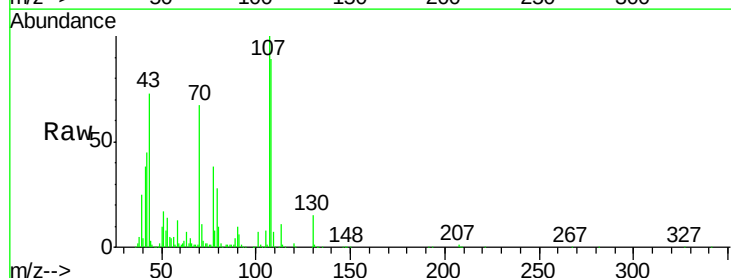
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1AMSD

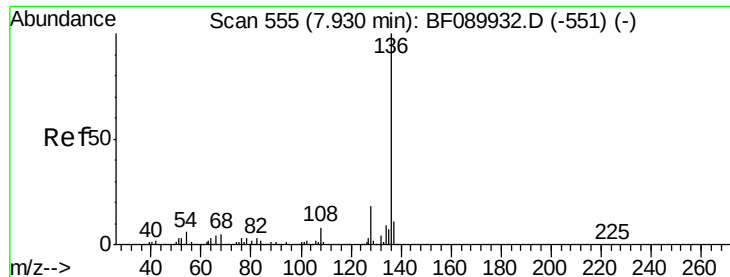
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 377309 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 67.4  | 52.1  | 78.1   |
| 101      | 10.0  | 7.4   | 11.2   |
| 130      | 22.6  | 17.0  | 25.4   |



#20  
3+4-Methylphenols  
Concen: 42.59 ng  
RT: 7.02 min Scan# 475  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 505126 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.9  | 70.2  | 110.2  |
| 77       | 37.7  | 75.7  | 115.7# |
| 79       | 27.9  | 7.0   | 47.0   |

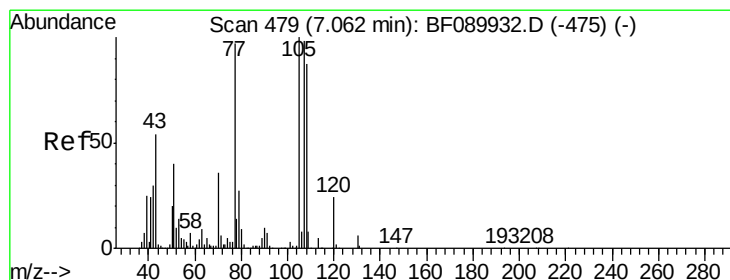
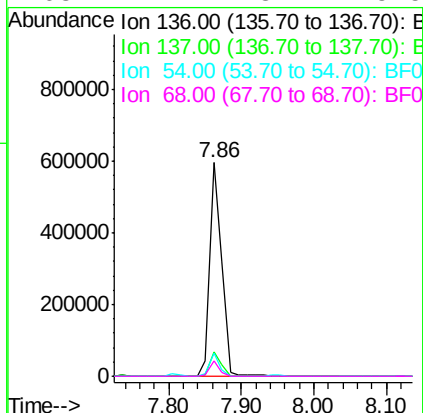
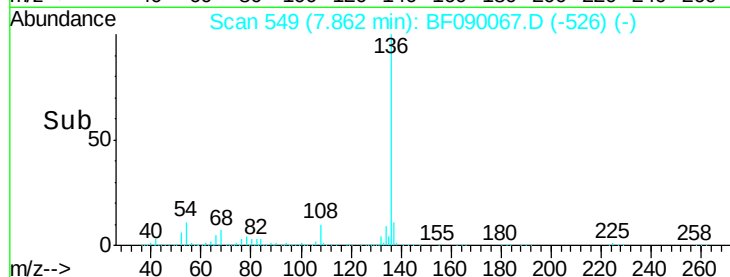
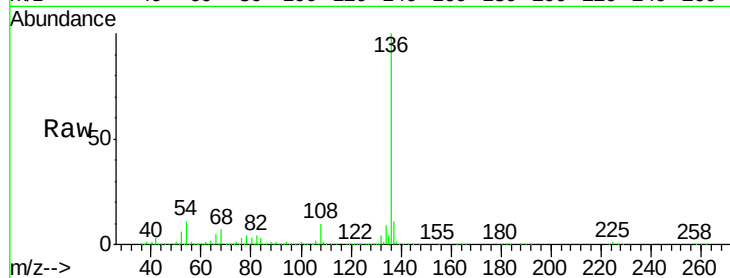




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.86 min Scan# 549  
Delta R.T. -0.03 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

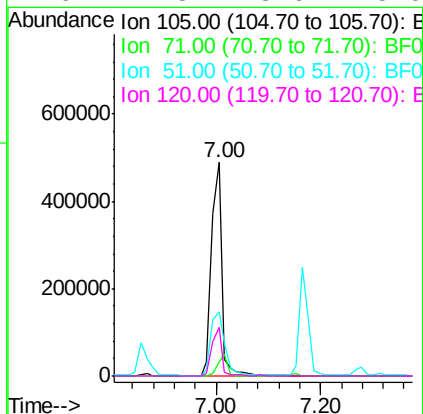
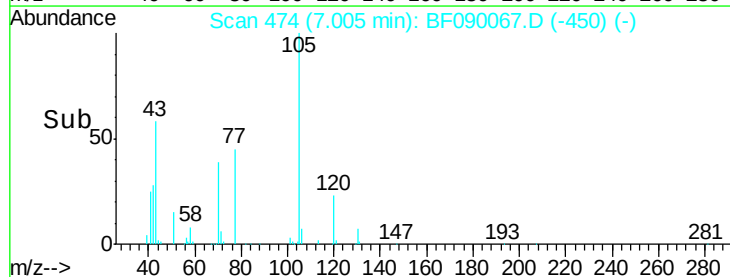
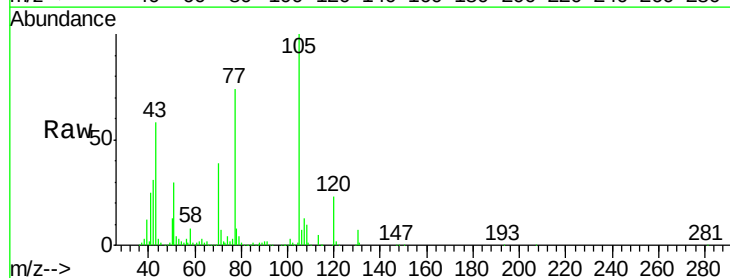
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1AMSD

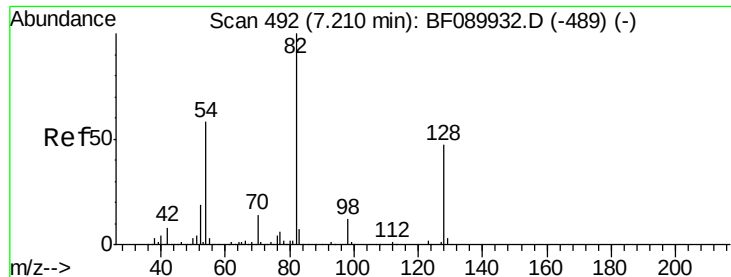
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 682732 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 8.3   | 12.5   |
| 54       | 10.6  | 4.8   | 7.2#   |
| 68       | 7.1   | 3.7   | 5.5#   |



#22  
Acetophenone  
Concen: 44.59 ng  
RT: 7.00 min Scan# 474  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 682878 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 6.6   | 5.3   | 7.9    |
| 51       | 30.3  | 32.6  | 48.8#  |
| 120      | 22.8  | 18.6  | 28.0   |

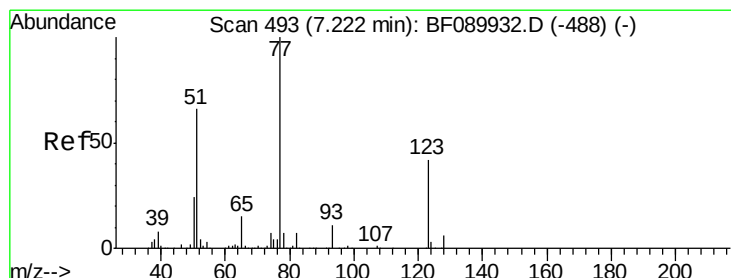
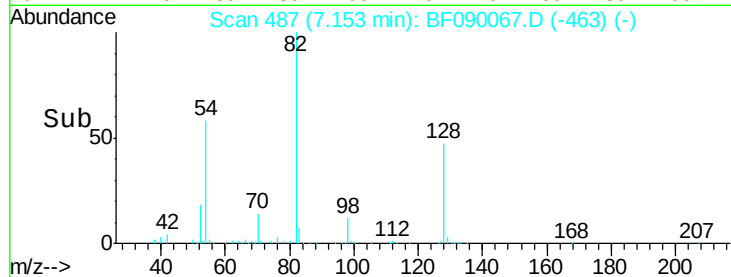
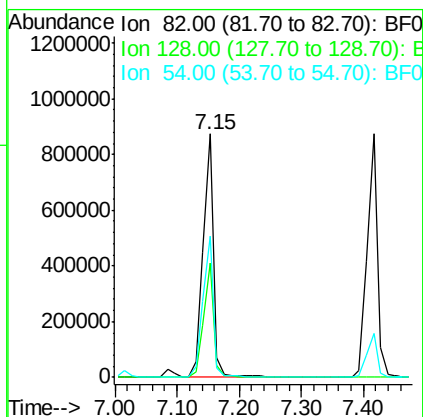
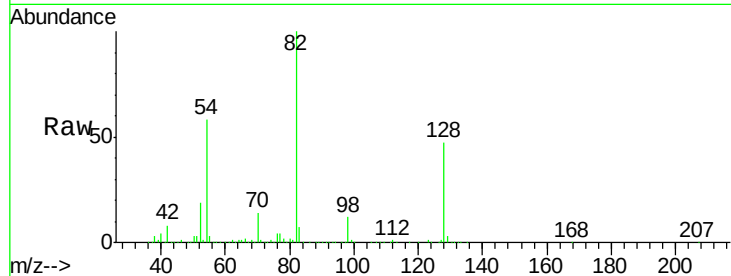




#23  
 Nitrobenzene-d5  
 Concen: 87.85 ng  
 RT: 7.15 min Scan# 487  
 Delta R.T. -0.02 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

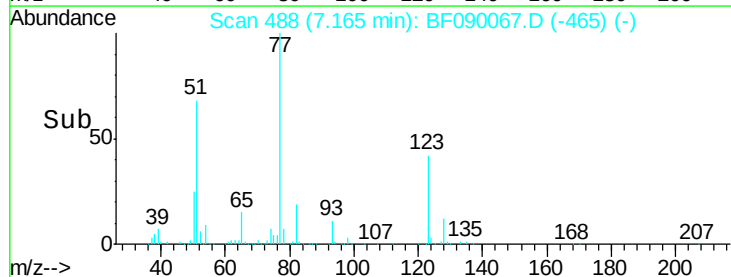
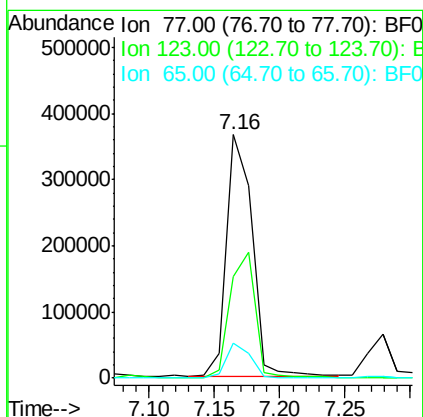
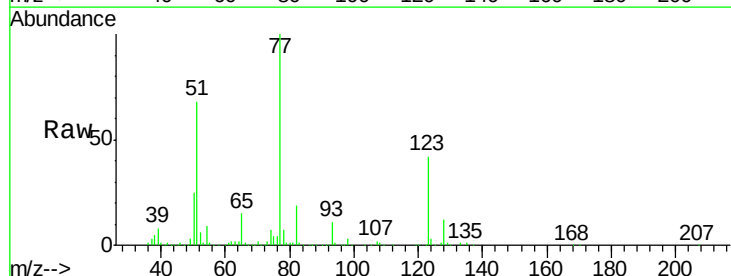
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1AMSD

Tgt Ion: 82 Resp: 1034184  
 Ion Ratio Lower Upper  
 82 100  
 128 47.2 37.8 56.8  
 54 57.9 46.9 70.3

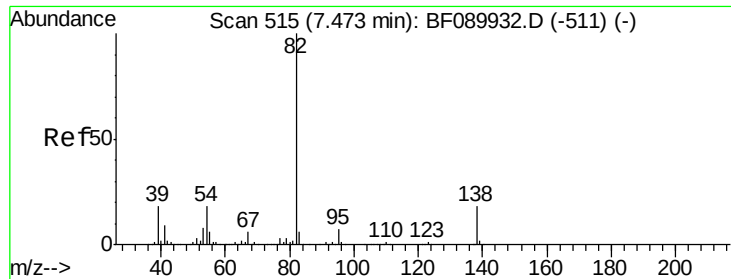


#24  
 Nitrobenzene  
 Concen: 40.02 ng  
 RT: 7.16 min Scan# 488  
 Delta R.T. -0.03 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

Tgt Ion: 77 Resp: 500907  
 Ion Ratio Lower Upper  
 77 100  
 123 41.7 32.0 48.0  
 65 14.6 11.2 16.8







#25

Isophorone

Concen: 41.07 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

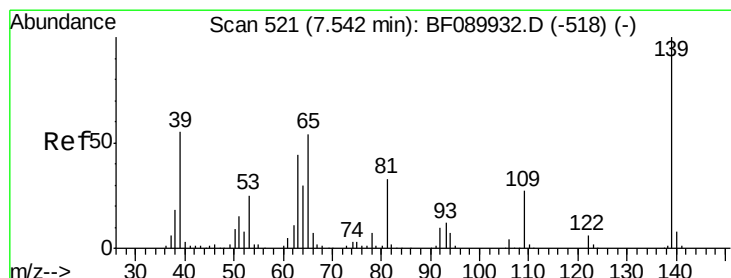
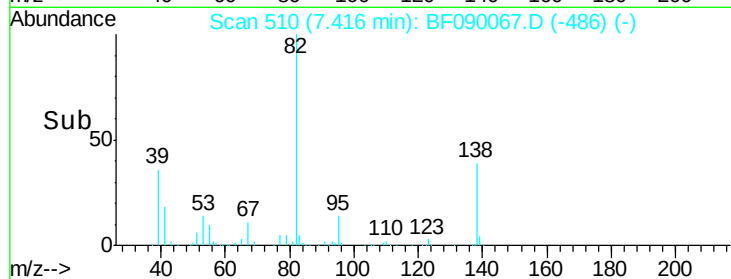
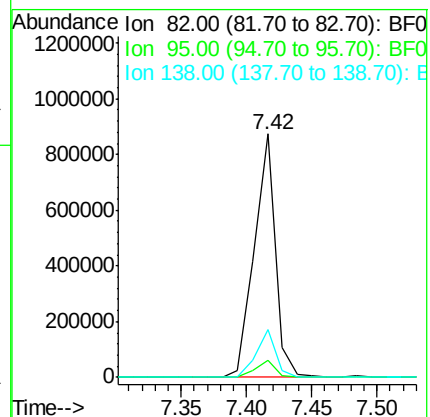
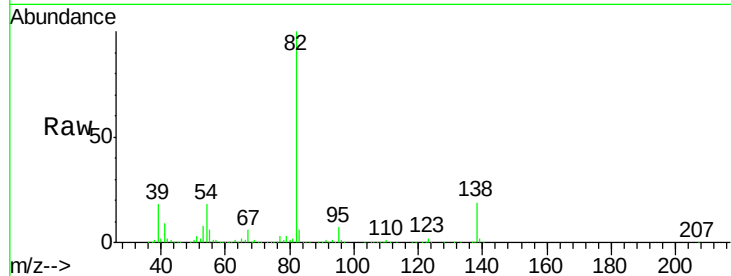
Tgt Ion: 82 Resp: 983210

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 19.4 14.4 21.6



#26

2-Nitrophenol

Concen: 43.49 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

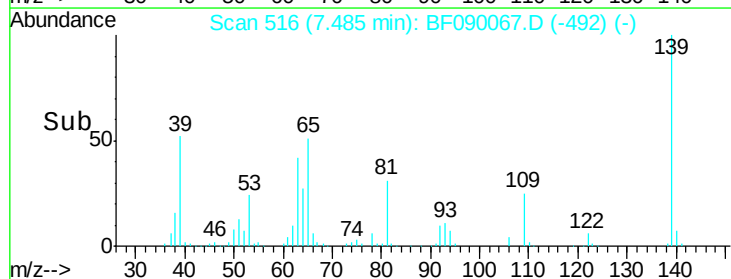
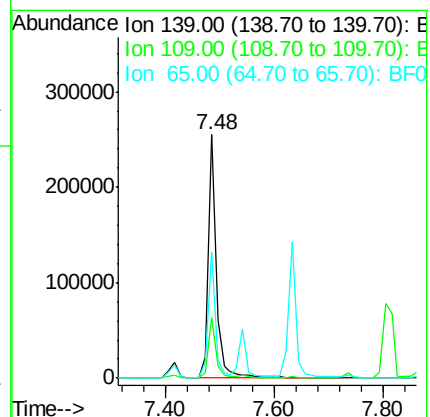
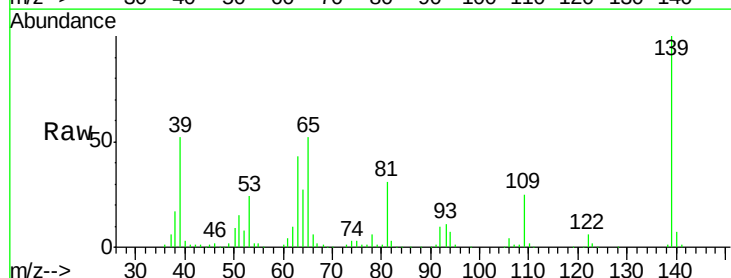
Tgt Ion: 139 Resp: 260189

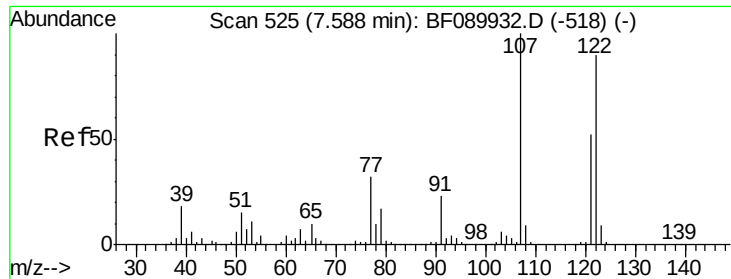
Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.4

65 51.7 43.4 65.0

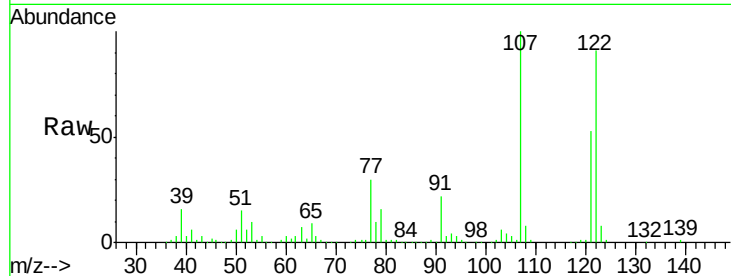




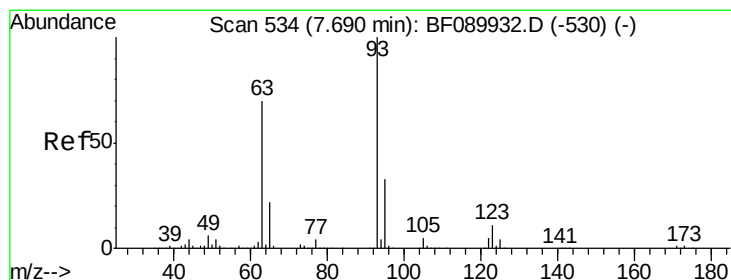
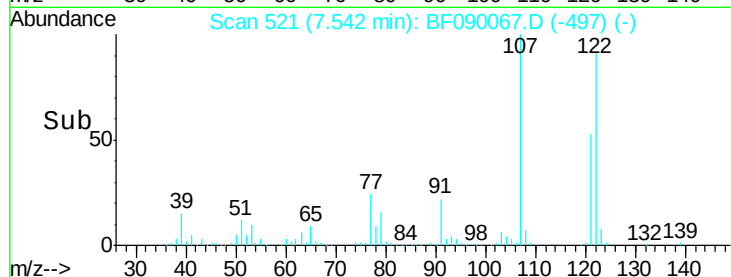
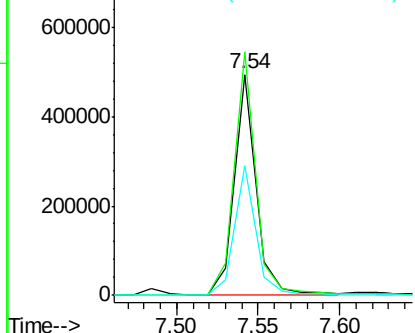
#27  
2,4-Dimethylphenol  
Concen: 40.67 ng  
RT: 7.54 min Scan# 521  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1AMSD

Tgt Ion:122 Resp: 450052  
Ion Ratio Lower Upper  
122 100  
107 110.3 88.5 132.7  
121 58.6 46.0 69.0

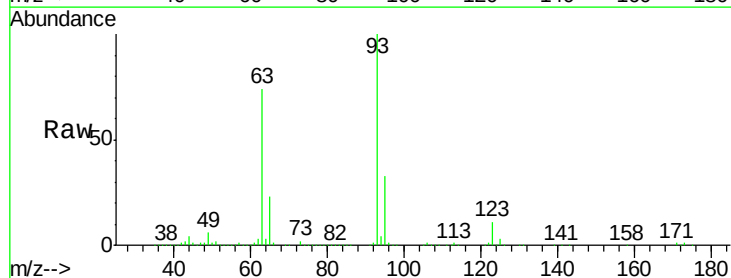


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

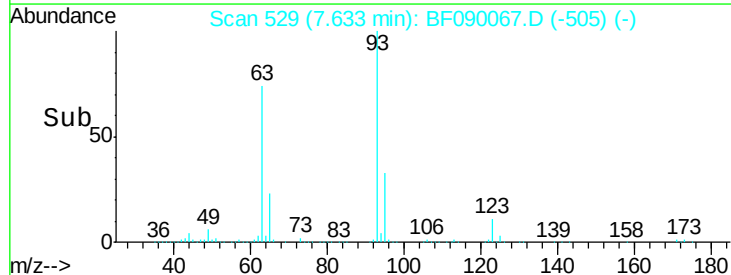
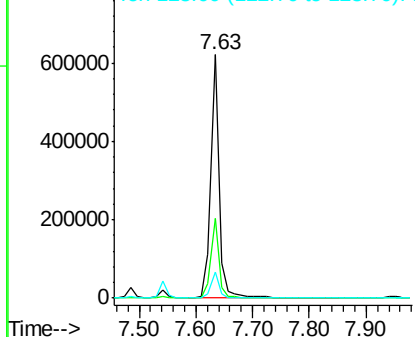


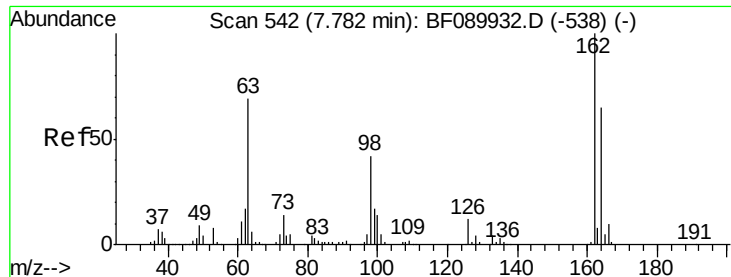
#28  
bis(2-Chloroethoxy)methane  
Concen: 41.98 ng  
RT: 7.63 min Scan# 529  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

Tgt Ion: 93 Resp: 606177  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.6 40.0  
123 10.6 9.1 13.7



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

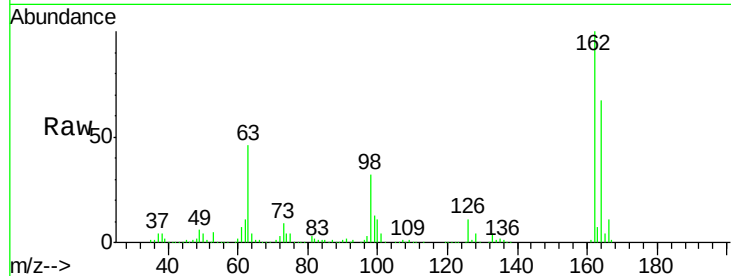




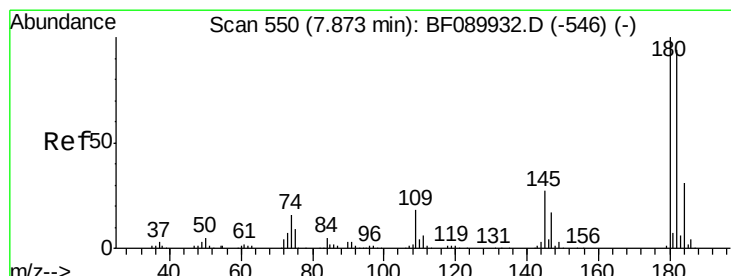
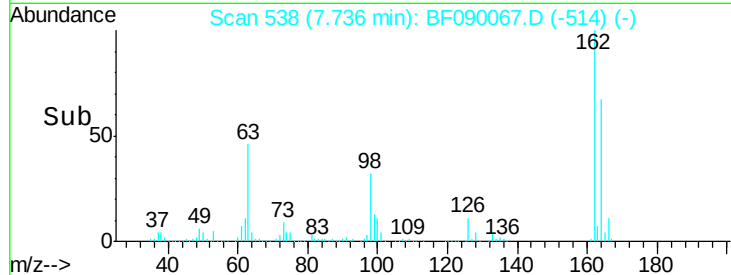
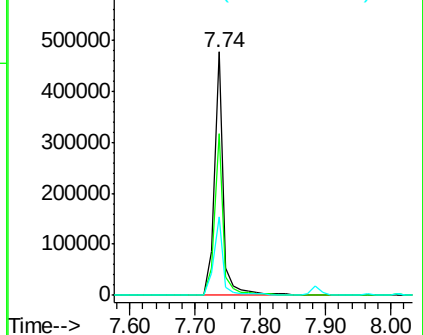
#29  
 2,4-Dichlorophenol  
 Concen: 47.00 ng  
 RT: 7.74 min Scan# 538  
 Delta R.T. -0.02 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1AMSD

Tgt Ion:162 Resp: 466329  
 Ion Ratio Lower Upper  
 162 100  
 164 66.5 46.6 86.6  
 98 32.4 22.0 62.0

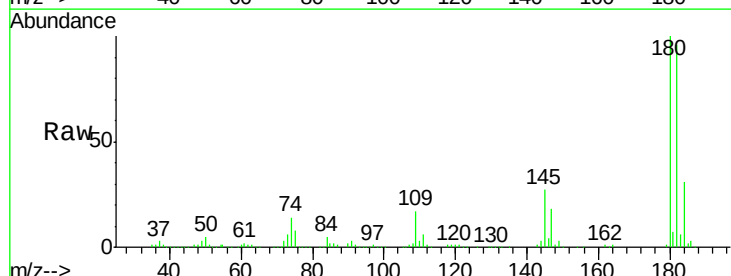


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

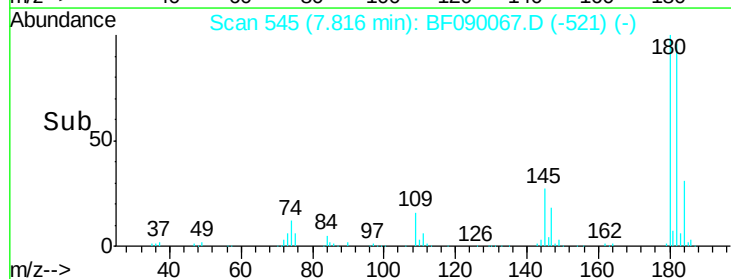
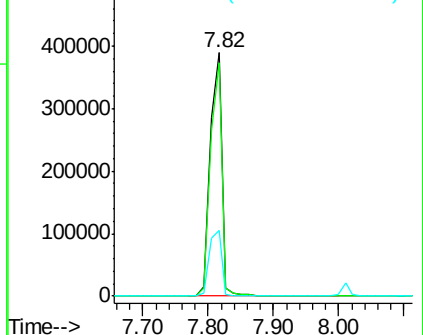


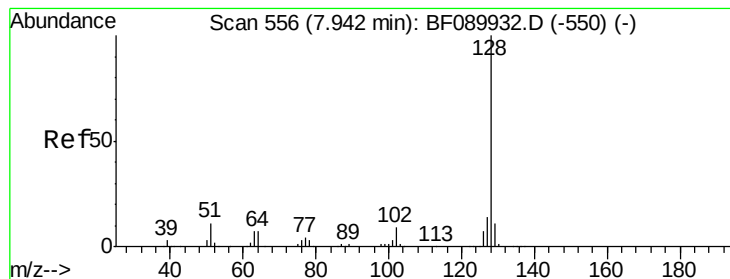
#30  
 1,2,4-Trichlorobenzene  
 Concen: 45.44 ng  
 RT: 7.82 min Scan# 545  
 Delta R.T. -0.02 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

Tgt Ion:180 Resp: 492833  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 76.2 114.2  
 145 26.8 22.2 33.4



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: 40.53 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

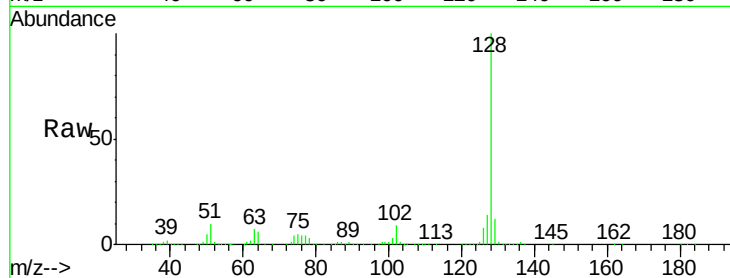
Tgt Ion:128 Resp: 1378629

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.0

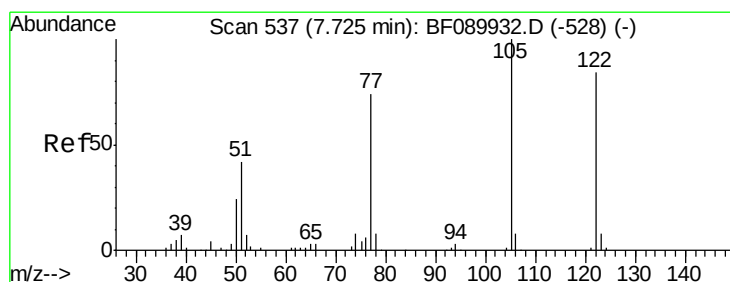
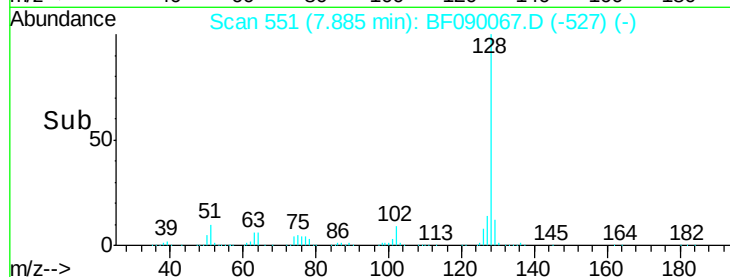
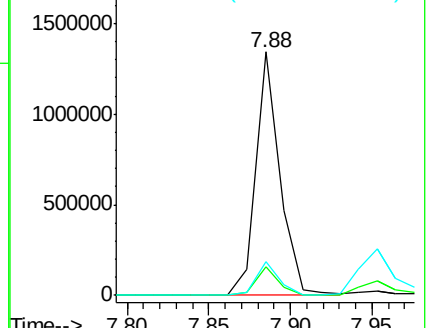
127 13.6 10.7 16.1



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: 60.37 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.17 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

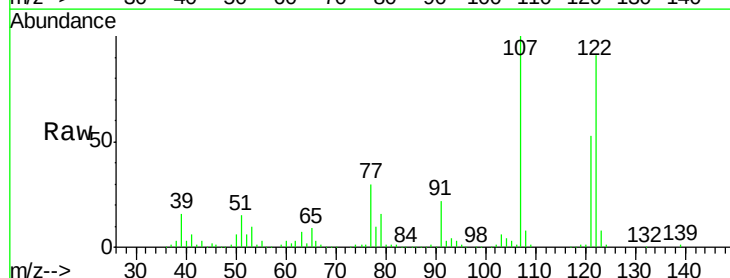
Tgt Ion:122 Resp: 450052

Ion Ratio Lower Upper

122 100

105 3.6 102.2 142.2#

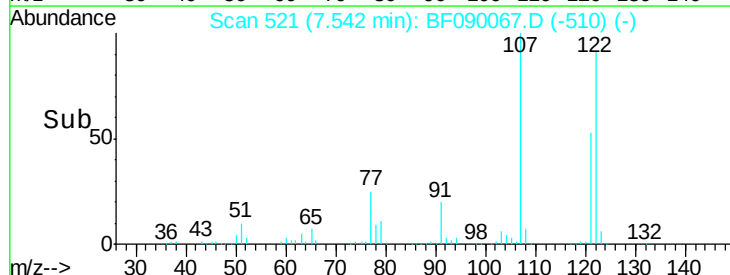
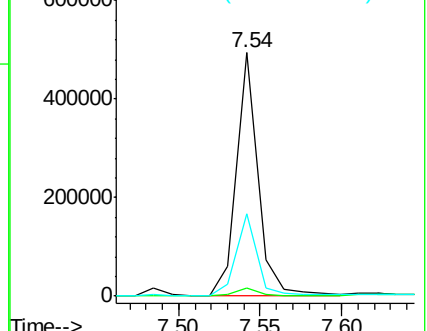
77 33.6 74.1 114.1#

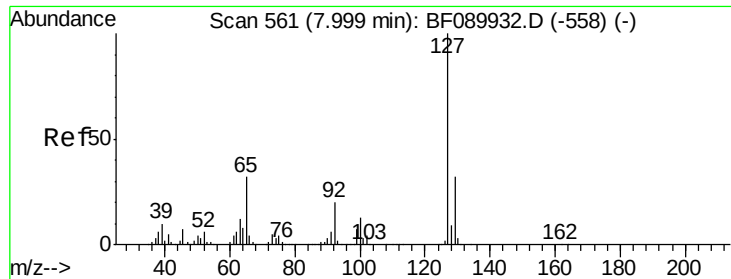


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

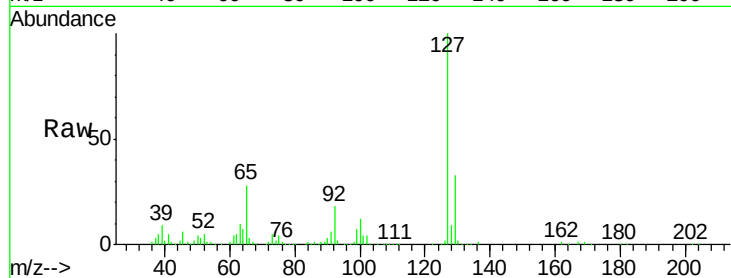




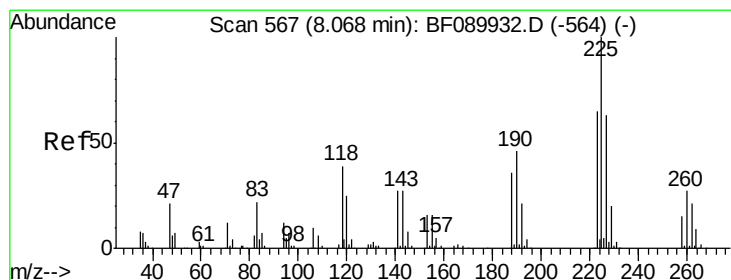
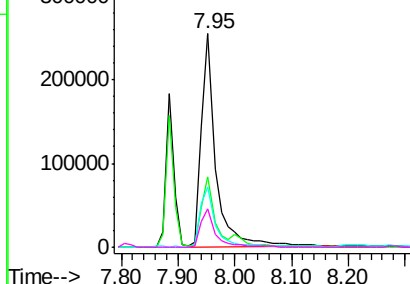
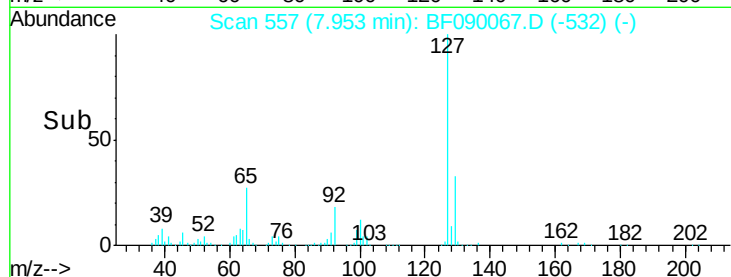
#33  
 4-Chloroaniline  
 Concen: 31.44 ng  
 RT: 7.95 min Scan# 557  
 Delta R.T. -0.01 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1AMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 431477 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 25.9  | 38.9   |
| 65       | 28.2  | 26.0  | 39.0   |
| 92       | 17.9  | 15.9  | 23.9   |

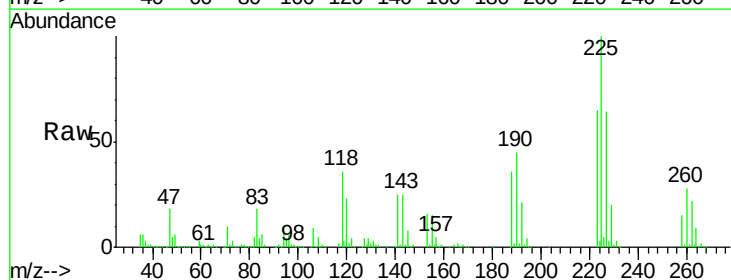


Abundance Ion 127.00 (126.70 to 127.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 65.00 (64.70 to 65.70): BF0  
 Ion 92.00 (91.70 to 92.70): BF0

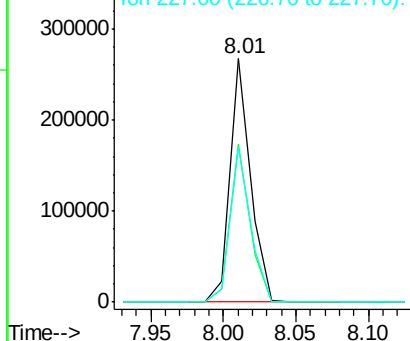
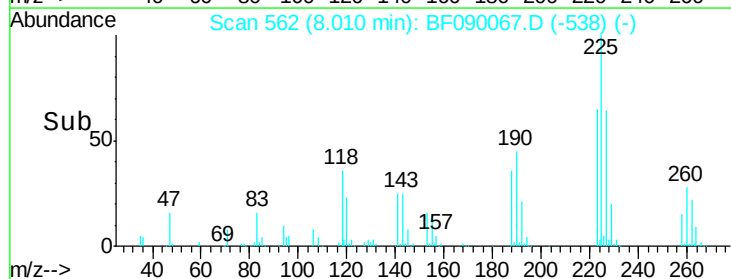


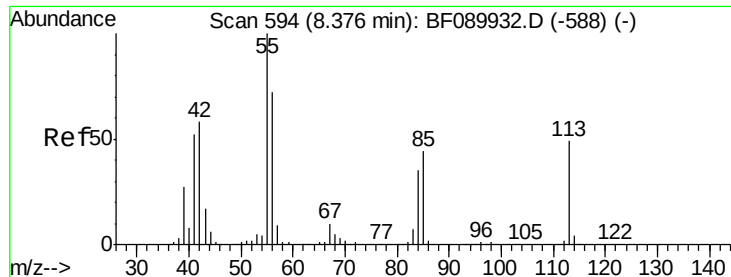
#34  
 Hexachlorobutadiene  
 Concen: 41.18 ng  
 RT: 8.01 min Scan# 562  
 Delta R.T. -0.02 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 261776 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.6  | 52.6  | 78.8   |
| 227      | 63.7  | 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

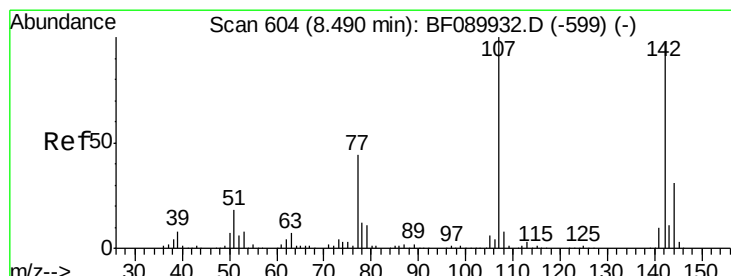
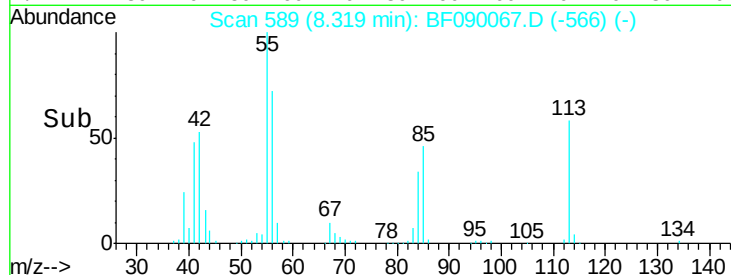
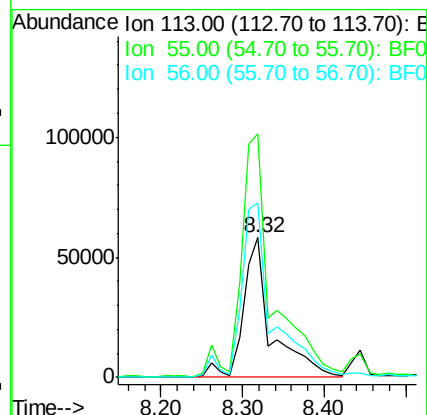
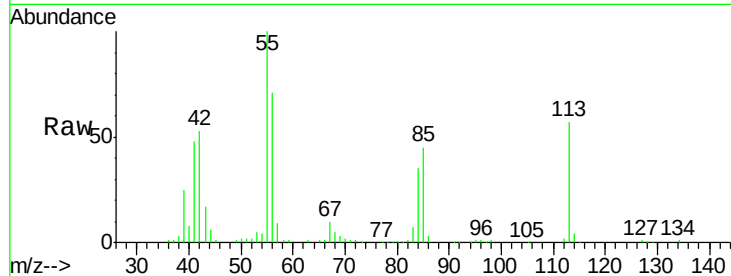




#35  
 Caprolactam  
 Concen: 44.64 ng  
 RT: 8.32 min Scan# 589  
 Delta R.T. -0.03 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

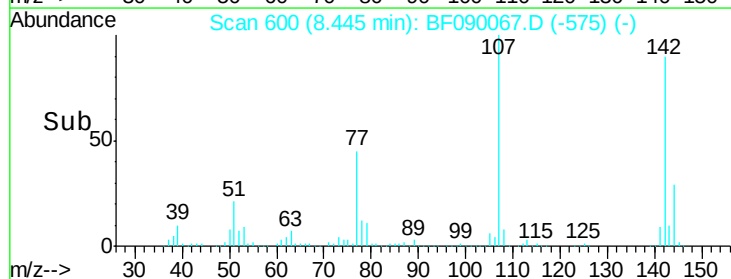
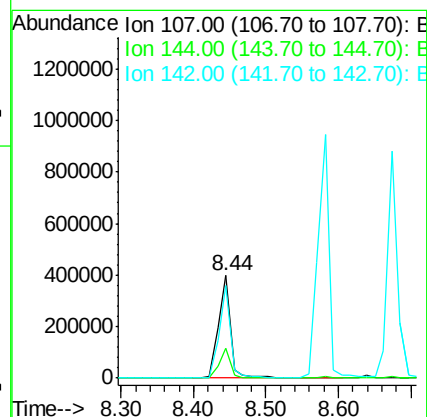
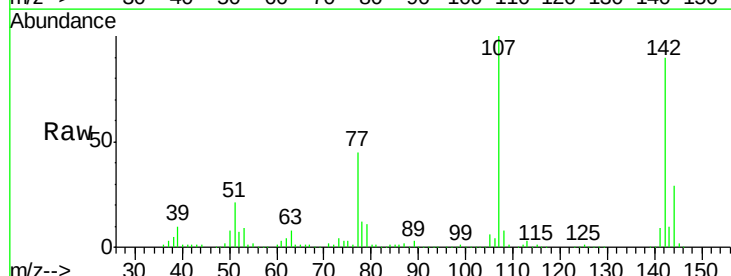
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1AMSD

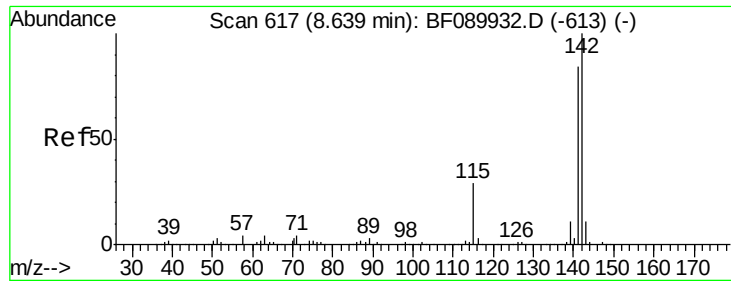
Tgt Ion:113 Resp: 139797  
 Ion Ratio Lower Upper  
 113 100  
 55 174.3 178.5 218.5#  
 56 124.5 122.7 162.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.41 ng  
 RT: 8.44 min Scan# 600  
 Delta R.T. -0.01 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

Tgt Ion:107 Resp: 466659  
 Ion Ratio Lower Upper  
 107 100  
 144 29.3 25.8 38.8  
 142 89.7 79.2 118.8

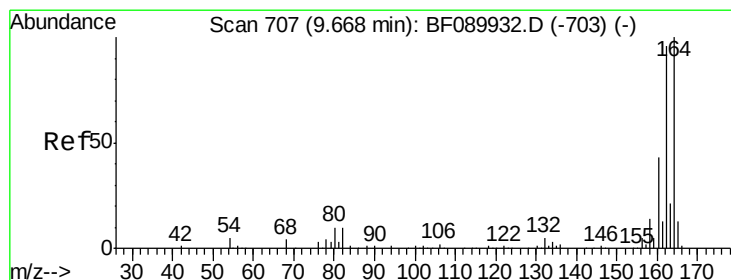
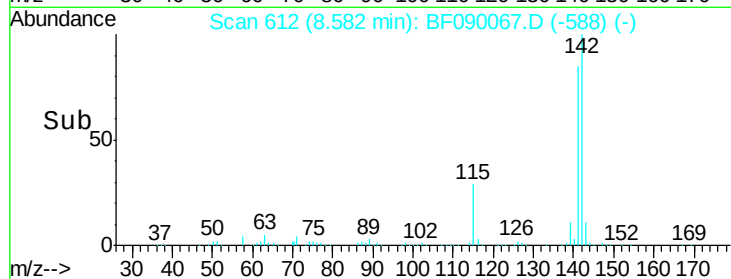
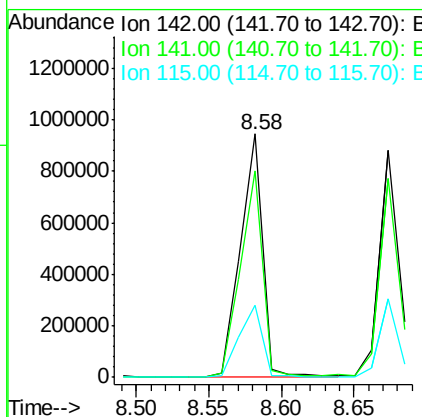
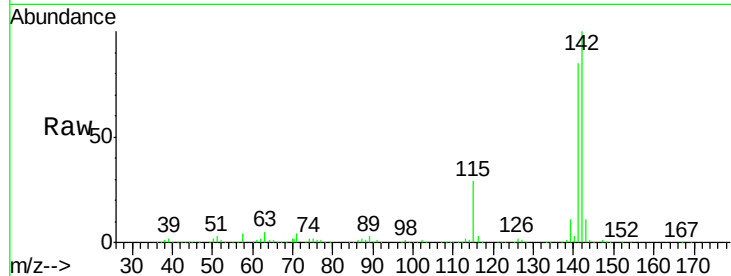




#37  
 2-Methylnaphthalene  
 Concen: 45.05 ng  
 RT: 8.58 min Scan# 612  
 Delta R.T. -0.02 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

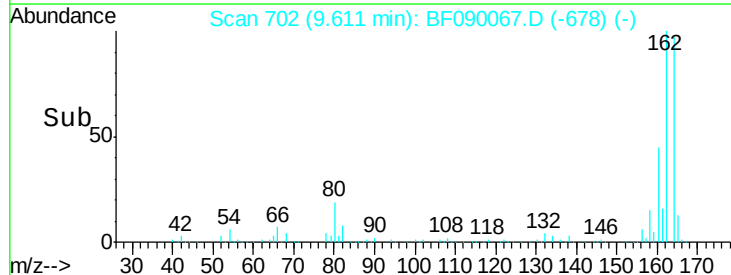
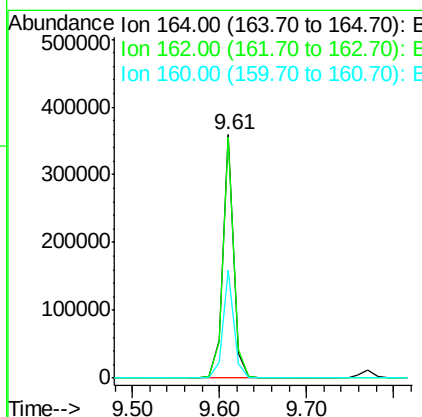
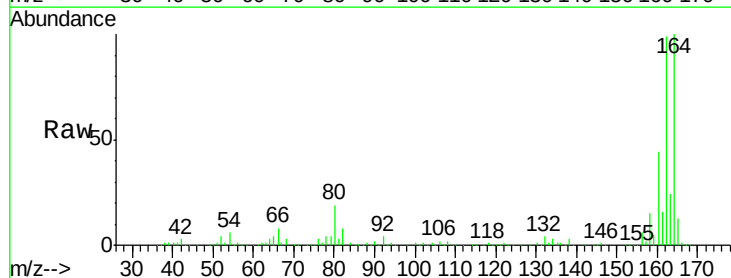
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1AMSD

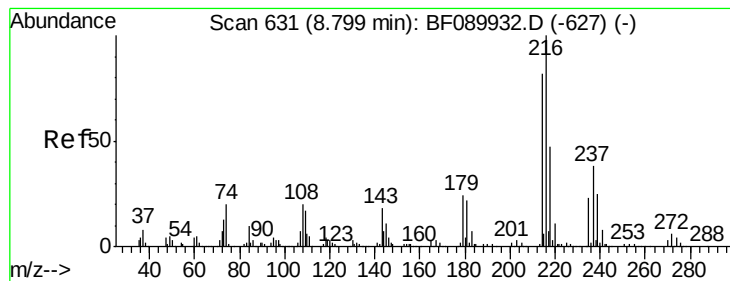
Tgt Ion:142 Resp: 1012645  
 Ion Ratio Lower Upper  
 142 100  
 141 84.6 68.3 102.5  
 115 29.5 23.8 35.8



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.61 min Scan# 702  
 Delta R.T. -0.02 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

Tgt Ion:164 Resp: 314627  
 Ion Ratio Lower Upper  
 164 100  
 162 98.9 77.1 115.7  
 160 44.5 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.55 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

Tgt Ion:216 Resp: 373786

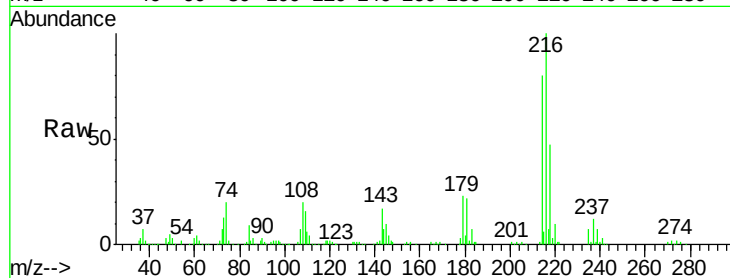
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 21.4 17.3 25.9

108 17.8 15.5 23.3

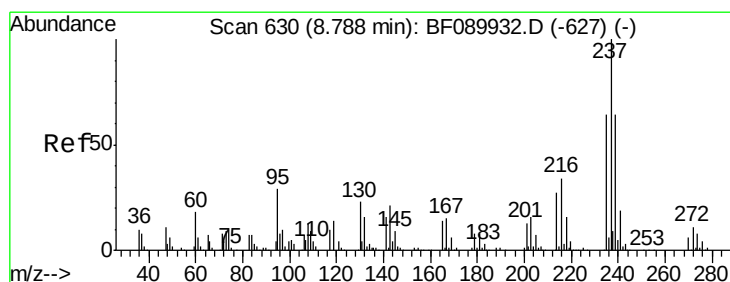
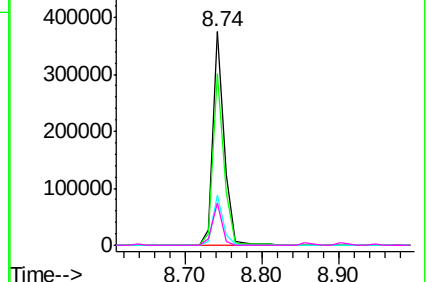
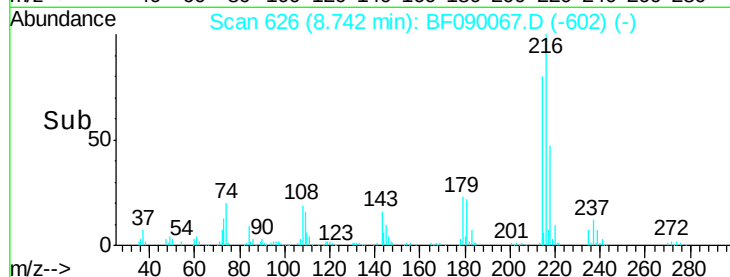


Abundance Ion 216.00 (215.70 to 216.70): E

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: 25.25 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

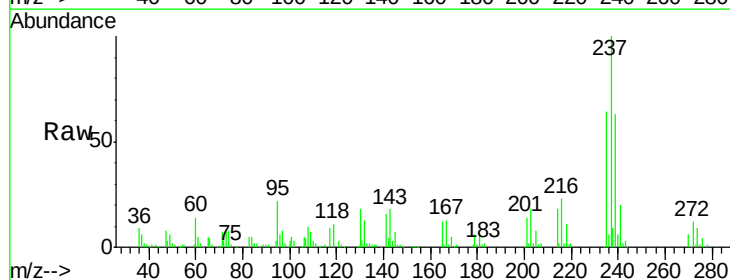
Tgt Ion:237 Resp: 119351

Ion Ratio Lower Upper

237 100

235 64.4 39.6 79.6

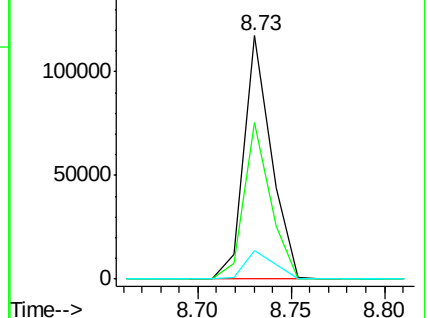
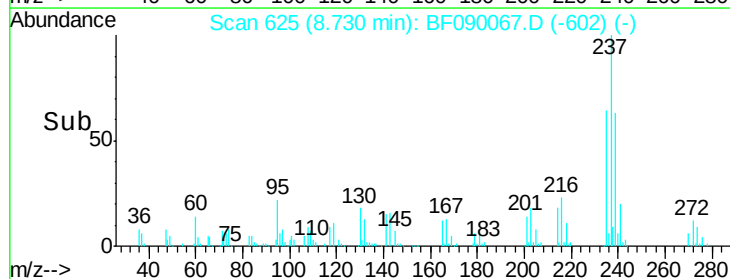
272 11.6 0.0 34.6



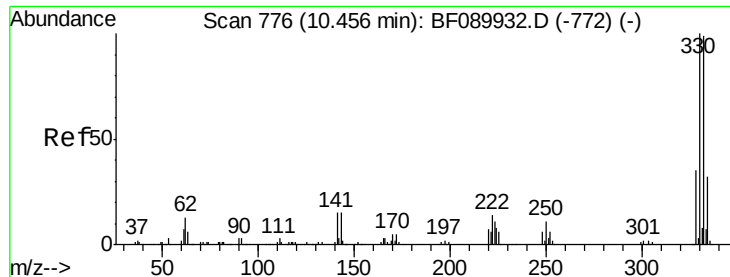
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



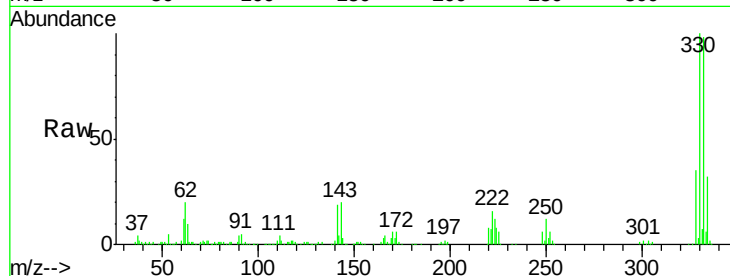




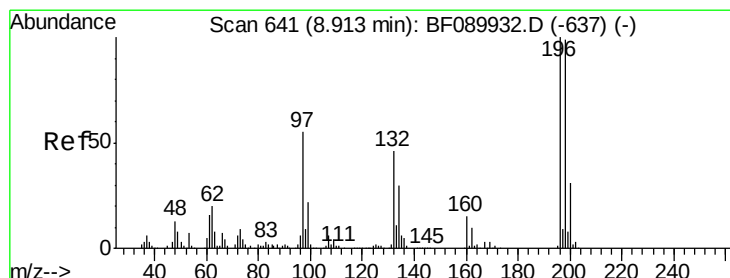
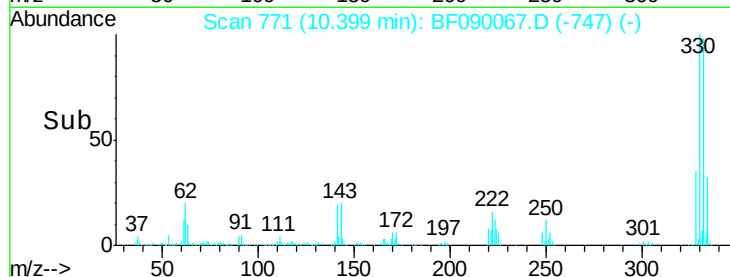
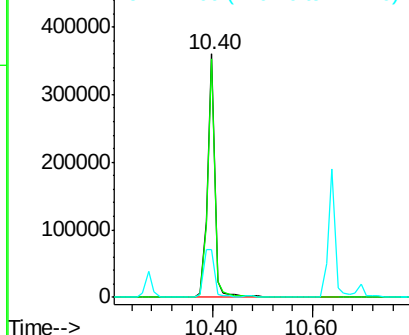
#41  
 2,4,6-Tribromophenol  
 Concen: 118.33 ng  
 RT: 10.40 min Scan# 771  
 Delta R.T. -0.02 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1AMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.3  | 78.6  | 117.8 |
| 141     | 28.6  | 23.3  | 34.9  |

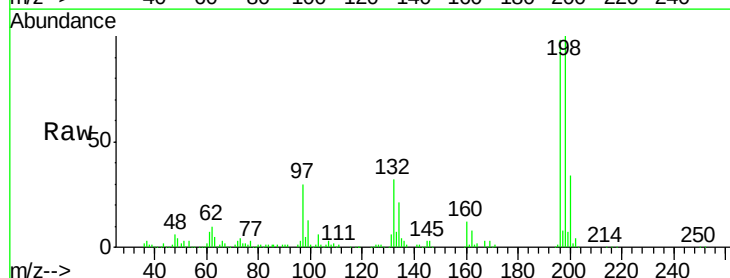


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

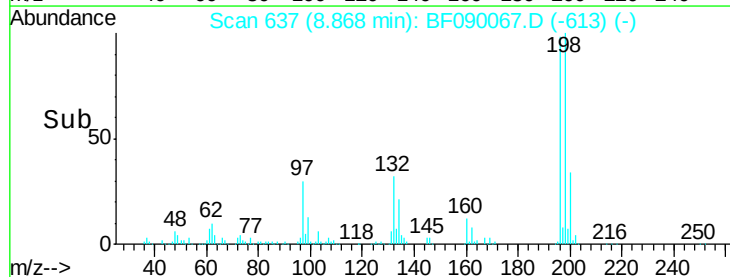
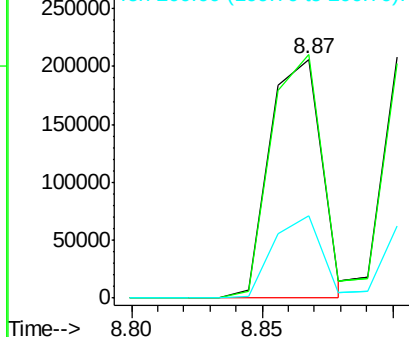


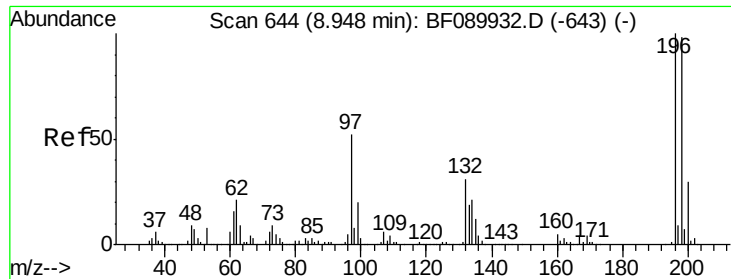
#42  
 2,4,6-Trichlorophenol  
 Concen: 44.09 ng  
 RT: 8.87 min Scan# 637  
 Delta R.T. -0.02 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 102.0 | 78.3  | 117.5 |
| 200     | 34.5  | 24.8  | 37.2  |



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

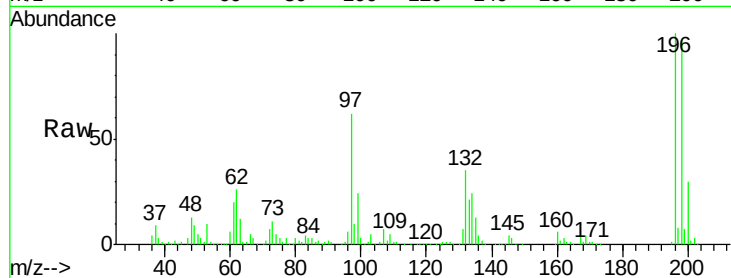




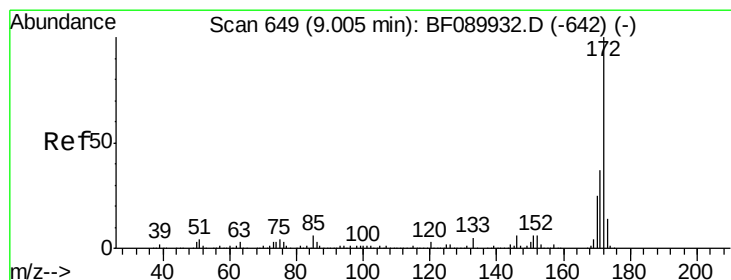
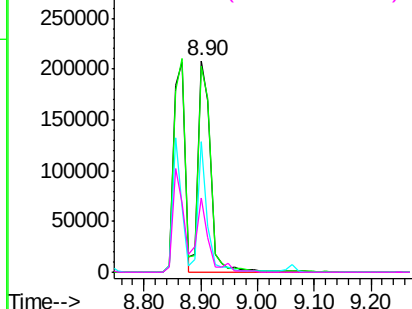
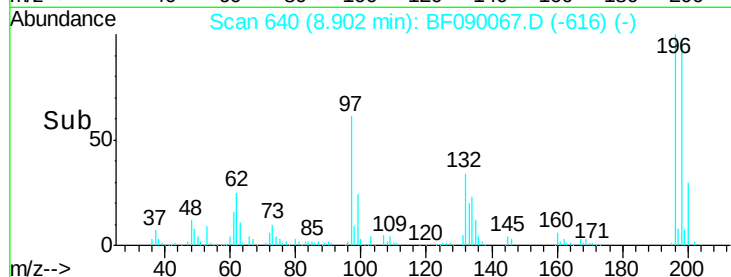
#43  
 2,4,5-Trichlorophenol  
 Concen: 49.22 ng  
 RT: 8.90 min Scan# 640  
 Delta R.T. -0.02 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1AMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.4  | 80.8  | 121.2 |
| 97      | 62.1  | 44.2  | 66.4  |
| 132     | 34.9  | 25.8  | 38.6  |

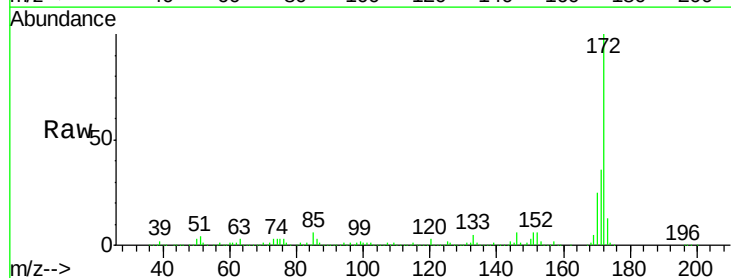


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

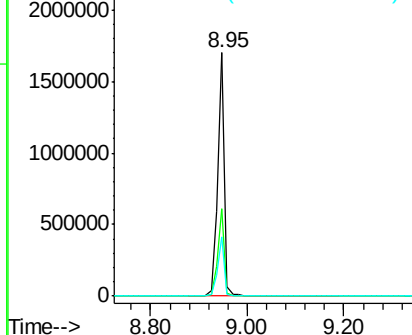
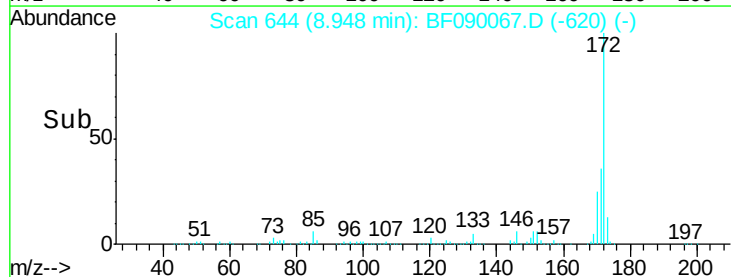


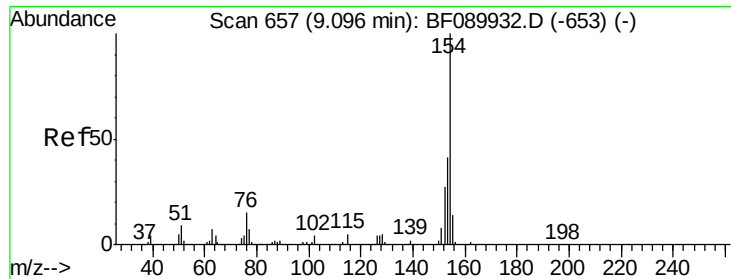
#44  
 2-Fluorobiphenyl  
 Concen: 88.16 ng  
 RT: 8.95 min Scan# 644  
 Delta R.T. -0.02 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.0  | 29.4  | 44.2  |
| 170     | 24.6  | 20.1  | 30.1  |



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: 39.01 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.03 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

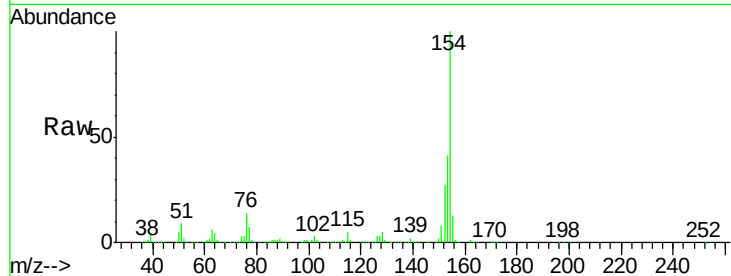
Tgt Ion:154 Resp: 988189

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

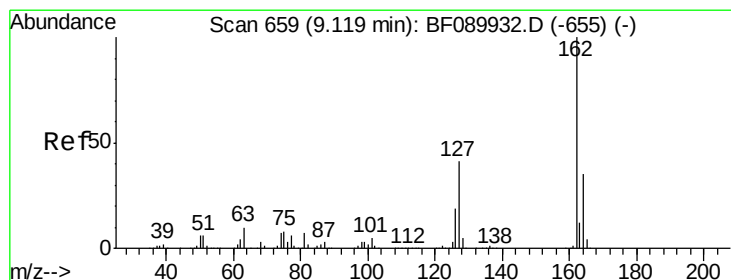
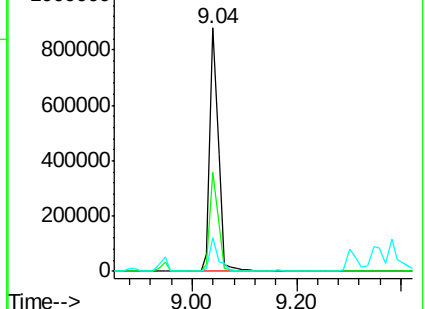
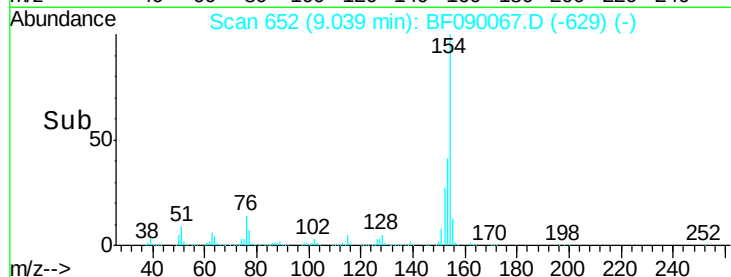
76 13.7 0.0 34.9



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: 47.28 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

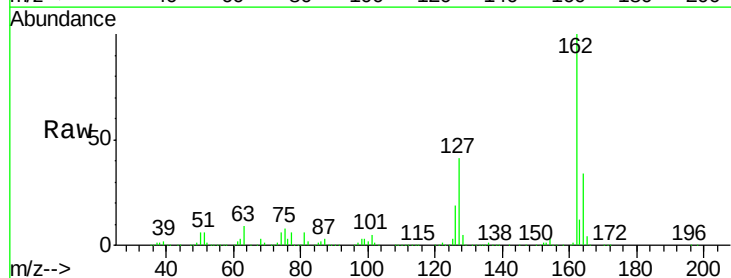
Tgt Ion:162 Resp: 847316

Ion Ratio Lower Upper

162 100

127 40.7 33.5 50.3

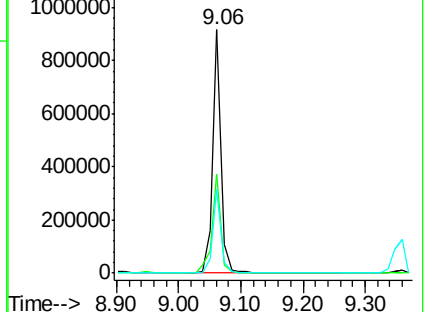
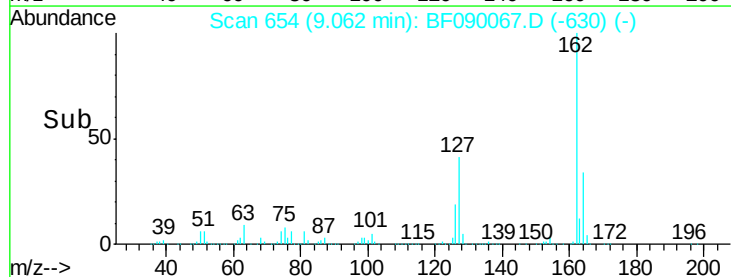
164 34.4 28.2 42.4

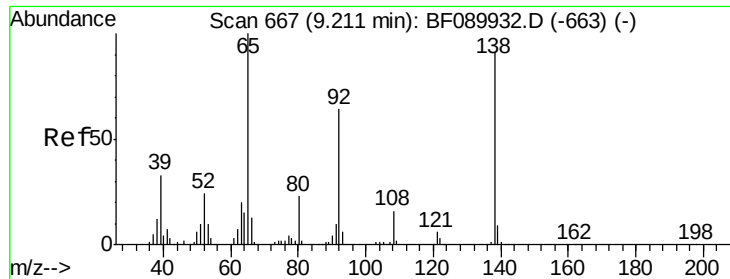


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

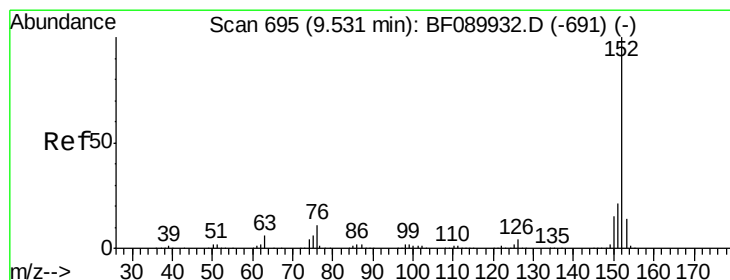
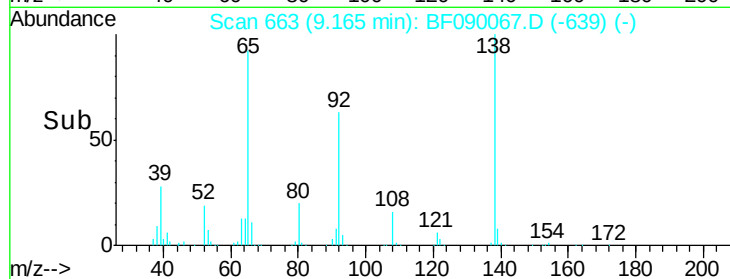
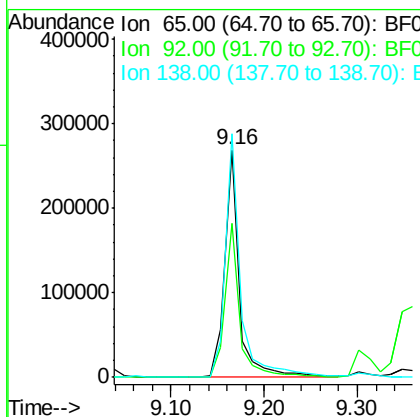
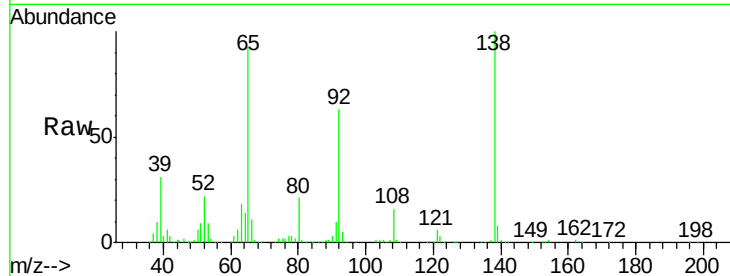




#47  
2-Nitroaniline  
Concen: 50.05 ng  
RT: 9.16 min Scan# 663  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

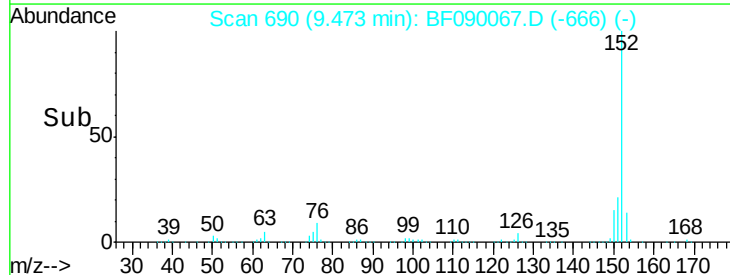
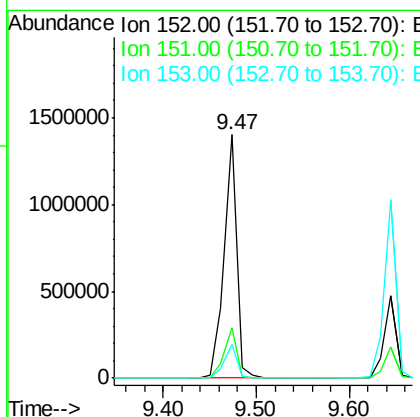
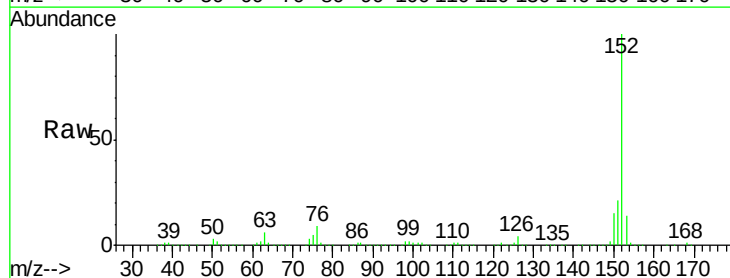
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1AMSD

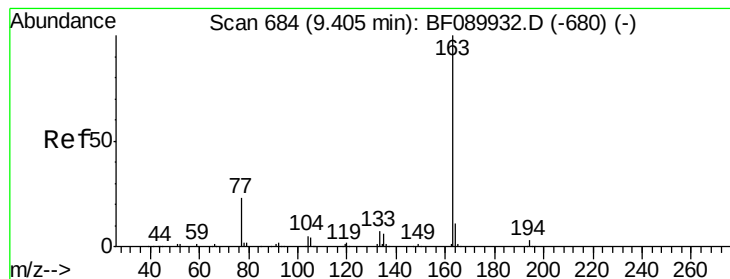
Tgt Ion: 65 Resp: 293220  
Ion Ratio Lower Upper  
65 100  
92 67.8 52.0 78.0  
138 107.2 72.1 108.1



#48  
Acenaphthylene  
Concen: 44.48 ng  
RT: 9.47 min Scan# 690  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

Tgt Ion: 152 Resp: 1317936  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.7 25.1  
153 14.1 11.6 17.4





#49

Dimethylphthalate

Concen: 65.87 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

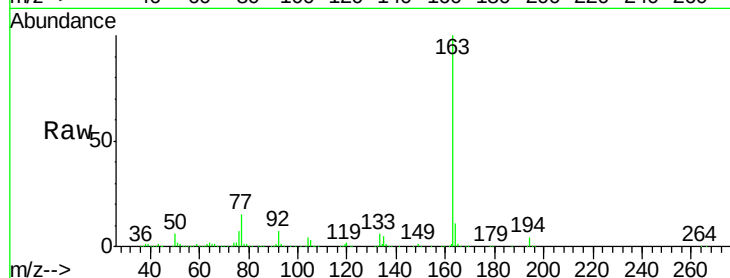
Tgt Ion:163 Resp: 1497819

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

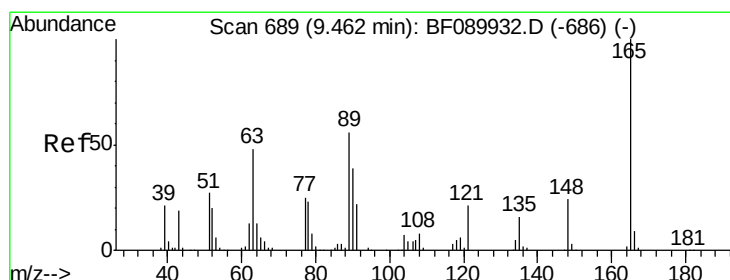
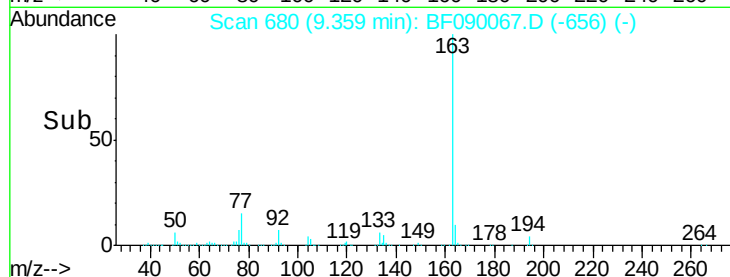
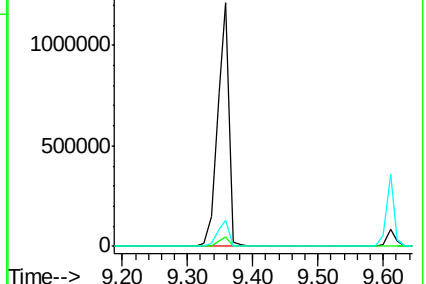
164 10.5 9.0 13.4



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: 43.73 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

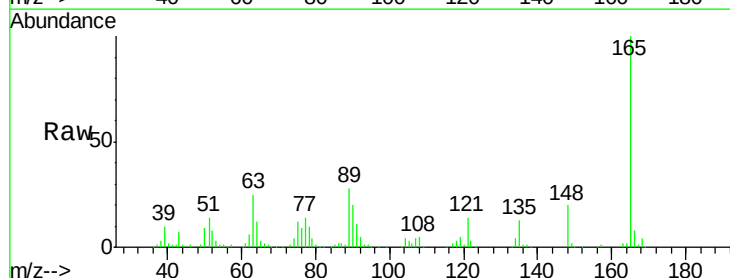
Tgt Ion:165 Resp: 221191

Ion Ratio Lower Upper

165 100

63 24.8 45.0 67.4#

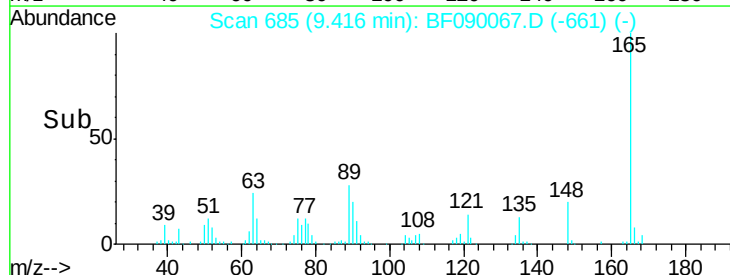
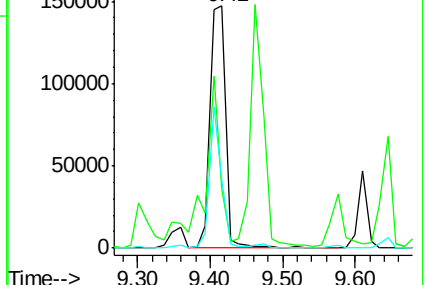
89 28.4 41.5 62.3#

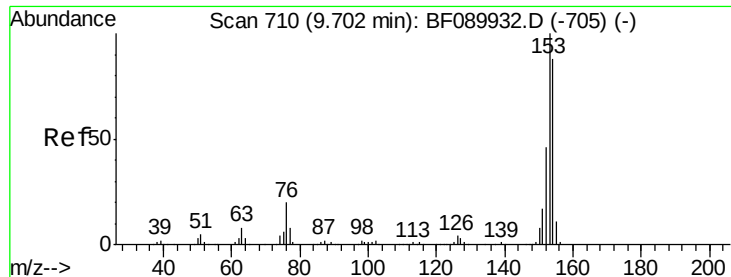


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.48 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

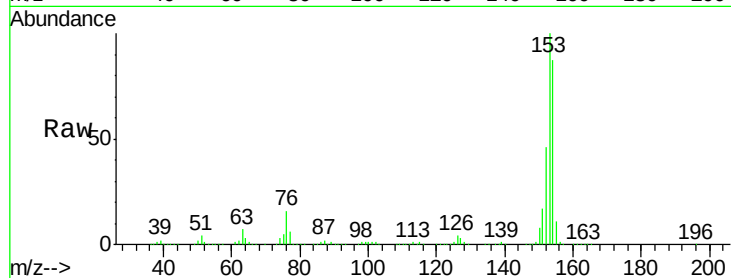
Tgt Ion:154 Resp: 816240

Ion Ratio Lower Upper

154 100

153 114.6 90.6 135.8

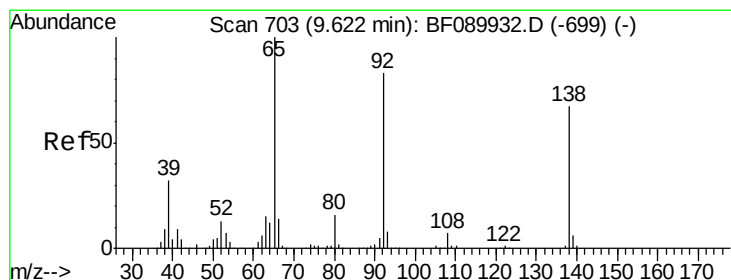
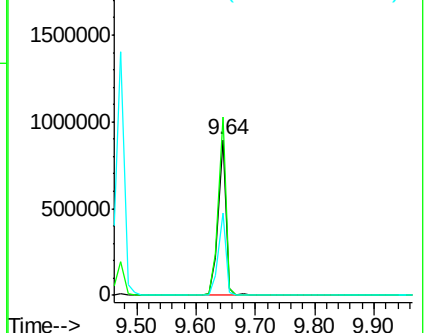
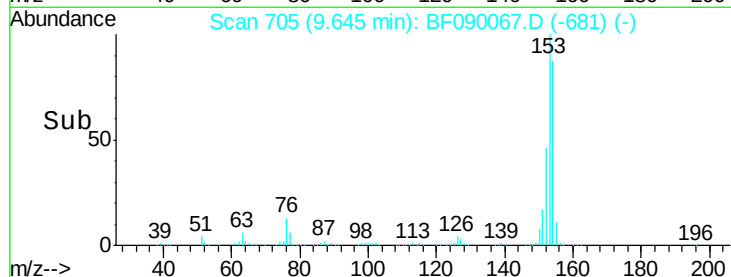
152 52.9 42.4 63.6



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: 42.34 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

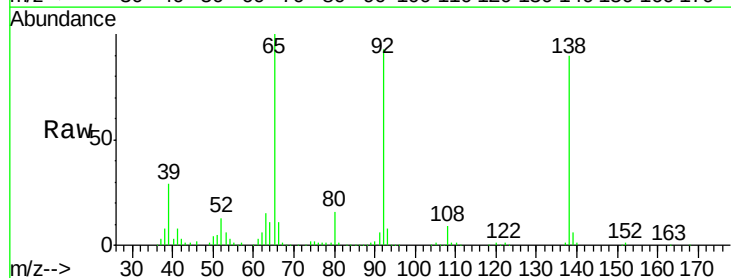
Tgt Ion:138 Resp: 244251

Ion Ratio Lower Upper

138 100

108 9.5 8.3 12.5

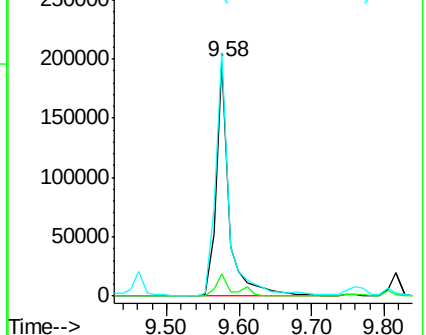
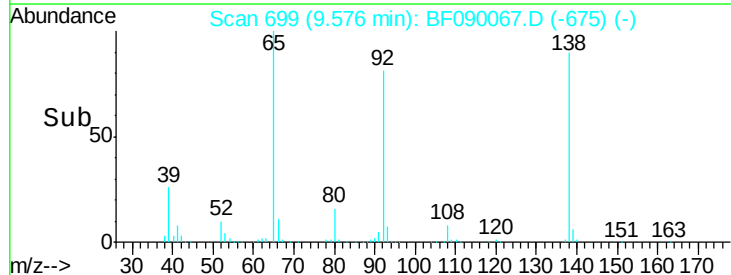
92 104.1 99.1 148.7

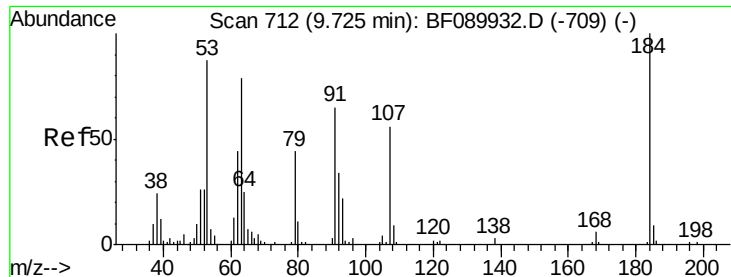


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

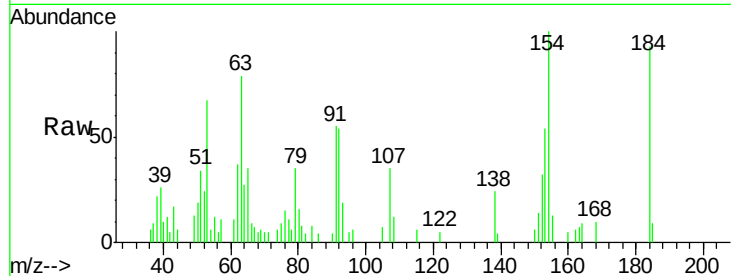




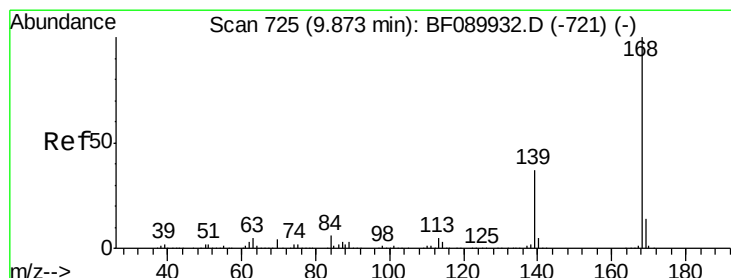
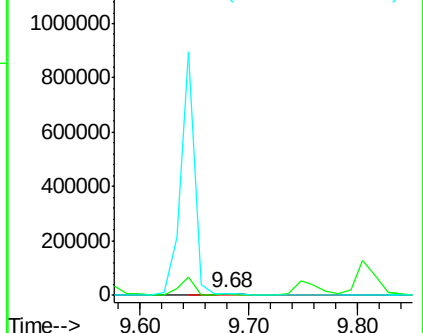
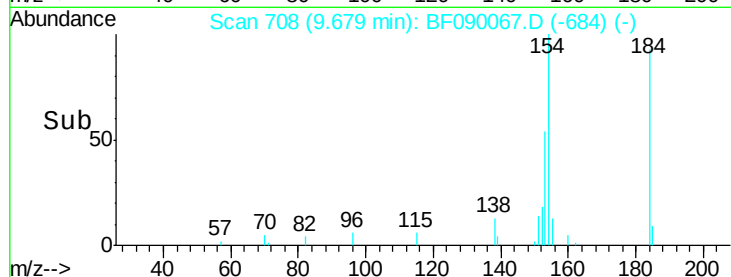
#53  
2,4-Dinitrophenol  
Concen: 8.81 ng  
RT: 9.68 min Scan# 708  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1AMSD

Tgt Ion:184 Resp: 12913  
Ion Ratio Lower Upper  
184 100  
63 85.2 73.9 110.9  
154 107.3 53.5 80.3#

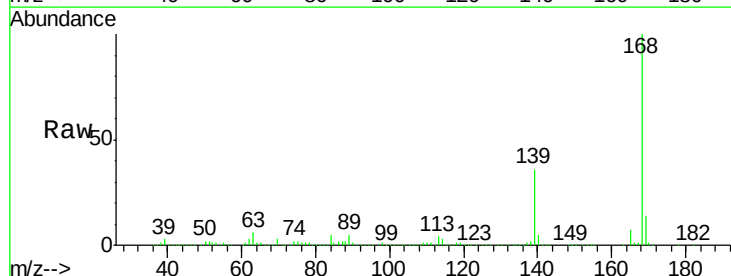


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

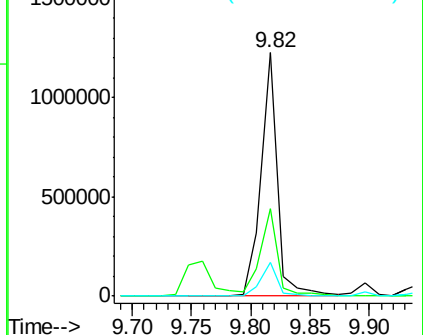
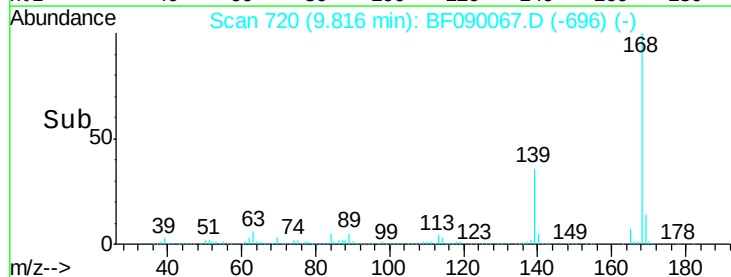


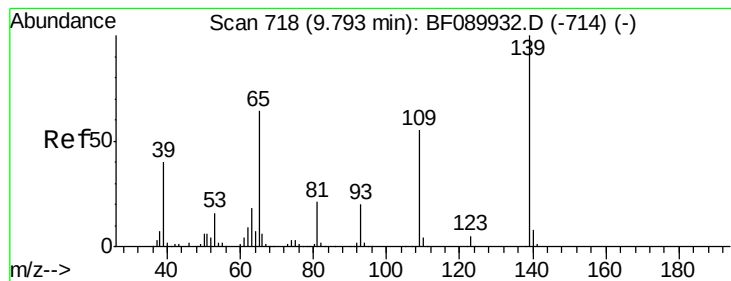
#54  
Dibenzofuran  
Concen: 47.37 ng  
RT: 9.82 min Scan# 720  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

Tgt Ion:168 Resp: 1191717  
Ion Ratio Lower Upper  
168 100  
139 35.8 29.5 44.3  
169 13.6 10.8 16.2



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





#55

4-Nitrophenol

Concen: 67.98 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

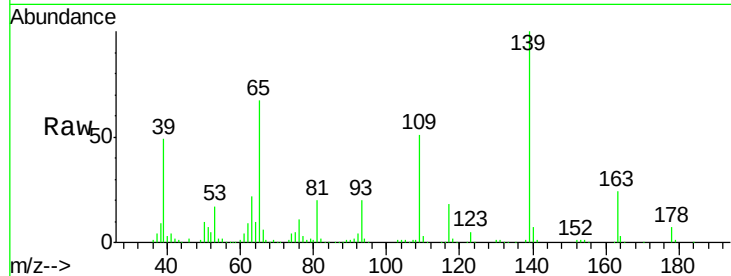
Tgt Ion:139 Resp: 295795

Ion Ratio Lower Upper

139 100

109 51.0 31.3 71.3

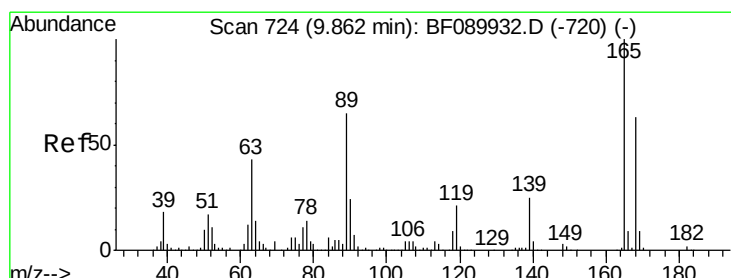
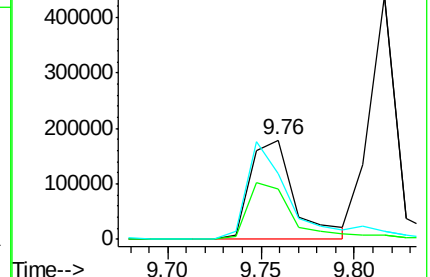
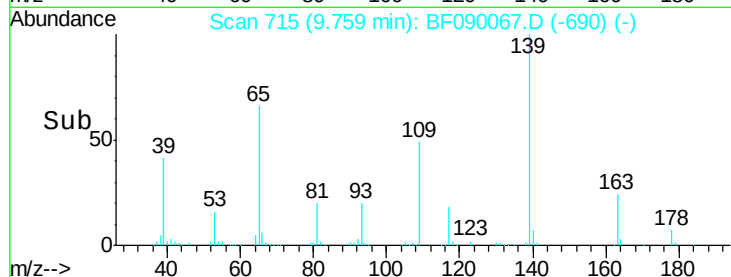
65 66.7 38.5 78.5



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



#56

2,4-Dinitrotoluene

Concen: 38.43 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Tgt Ion:165 Resp: 246457

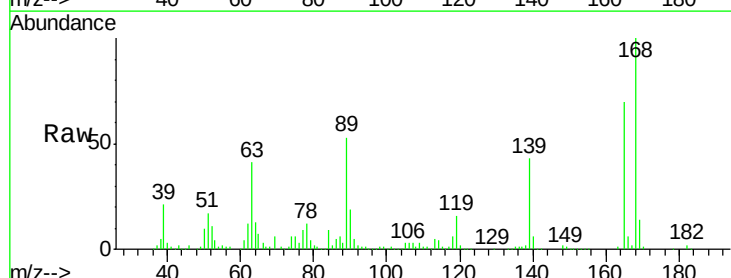
Ion Ratio Lower Upper

165 100

63 57.9 32.5 48.7#

89 74.9 48.3 72.5#

182 2.2 1.7 2.5

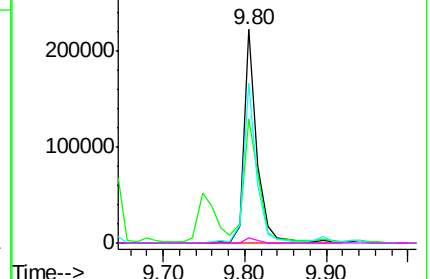
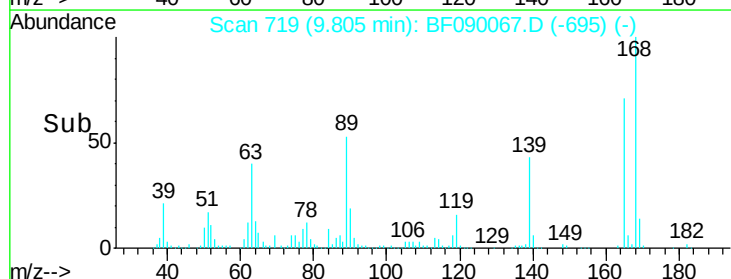


Abundance Ion 165.00 (164.70 to 165.70): E

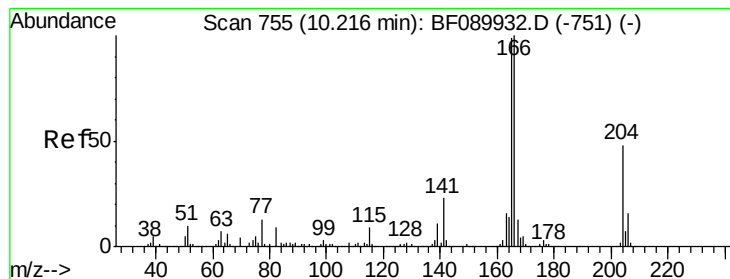
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E







#57

Fluorene

Concen: 47.21 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

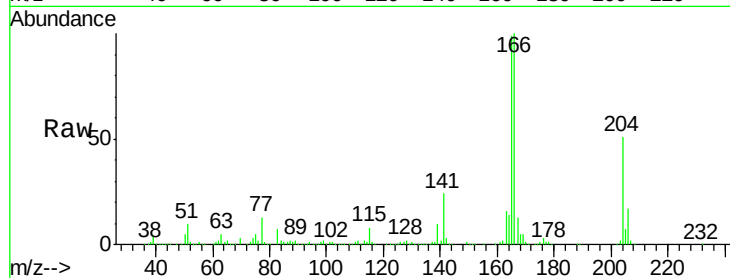
Tgt Ion:166 Resp: 867830

Ion Ratio Lower Upper

166 100

165 99.0 78.6 118.0

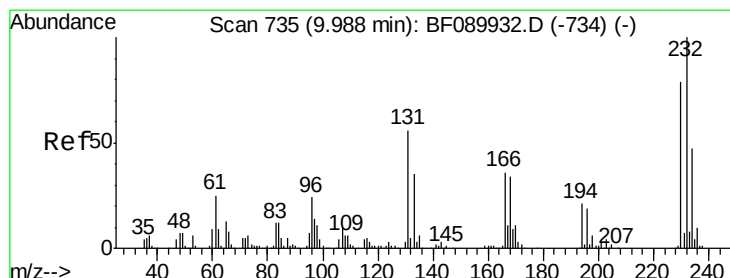
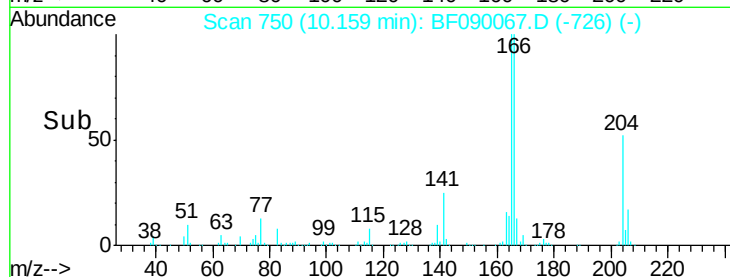
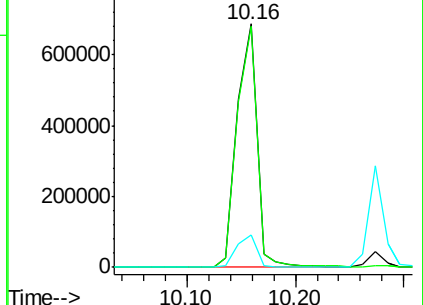
167 13.5 10.6 15.8



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: 48.43 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Tgt Ion:232 Resp: 254670

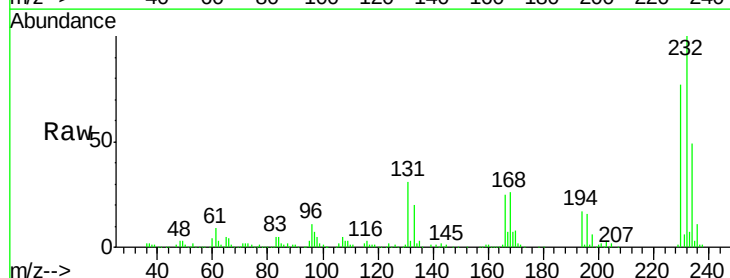
Ion Ratio Lower Upper

232 100

131 39.4 36.3 54.5

130 1.6 1.7 2.5#

166 27.2 24.4 36.6

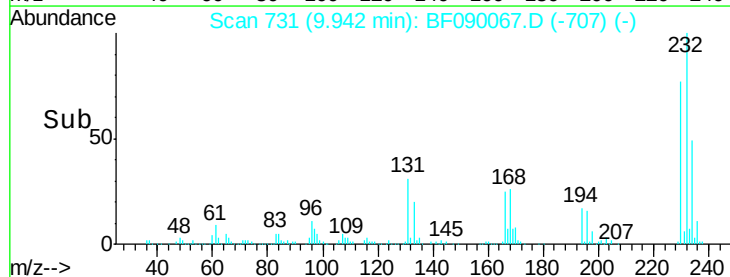
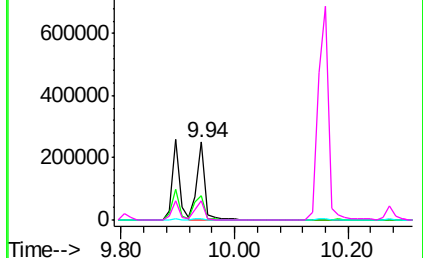


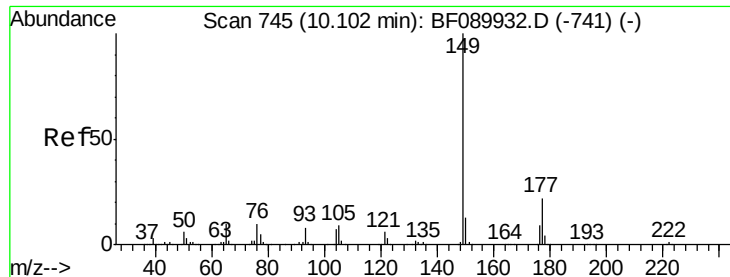
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

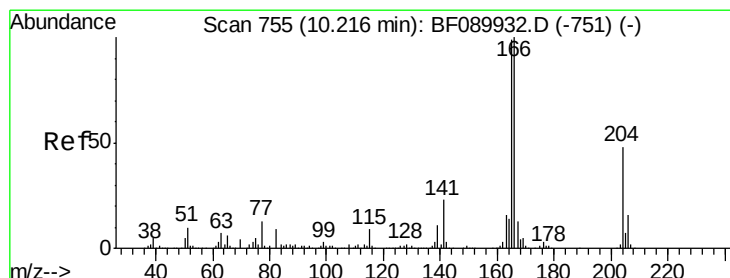
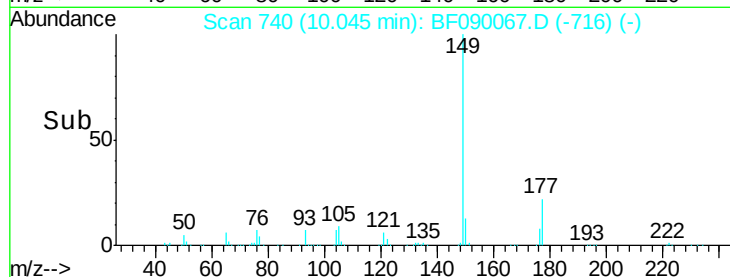
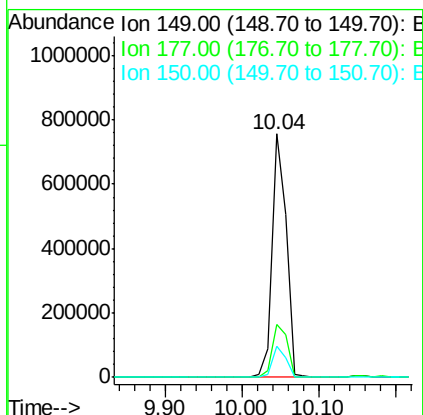
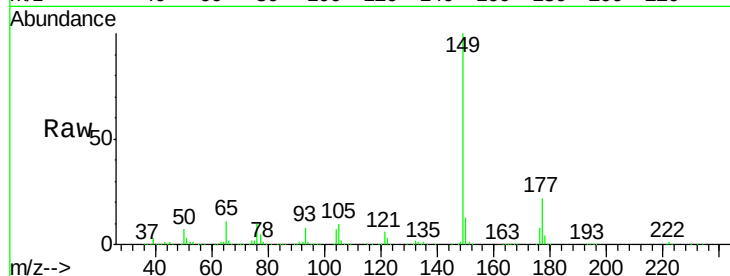




#59  
Diethylphthalate  
Concen: 44.45 ng  
RT: 10.04 min Scan# 740  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

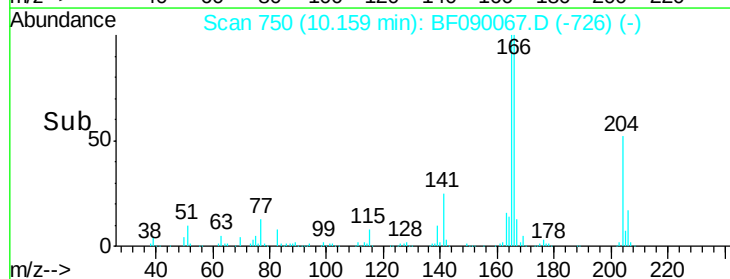
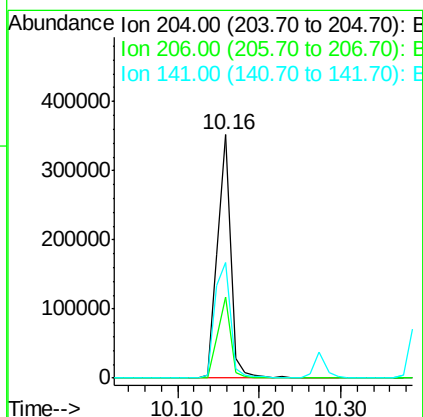
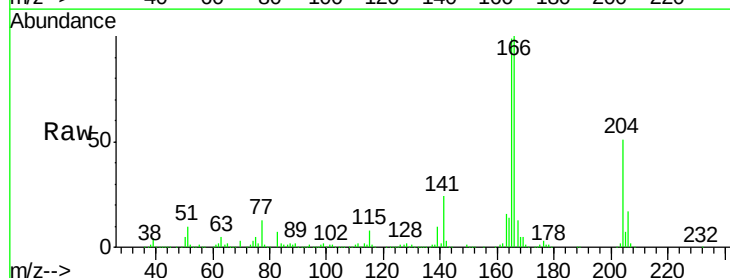
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1AMSD

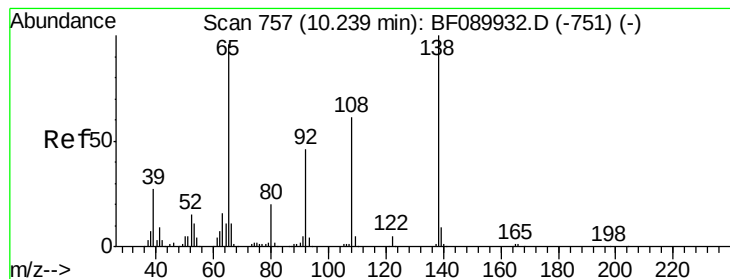
Tgt Ion:149 Resp: 950975  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.7 26.5  
150 12.8 10.2 15.2



#60  
4-Chlorophenyl-phenylether  
Concen: 46.26 ng  
RT: 10.16 min Scan# 750  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

Tgt Ion:204 Resp: 400174  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.6 40.0  
141 47.7 36.5 54.7





#61

4-Nitroaniline

Concen: 41.88 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.03 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

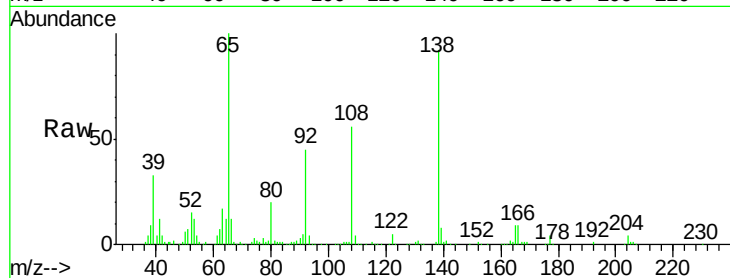
Tgt Ion: 138 Resp: 237393

Ion Ratio Lower Upper

138 100

92 49.0 21.2 61.2

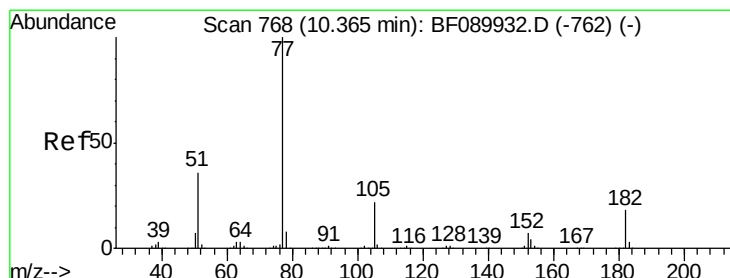
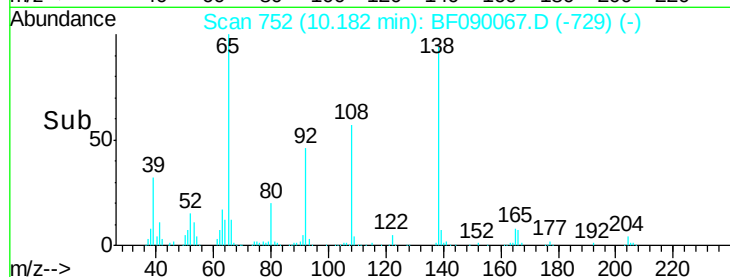
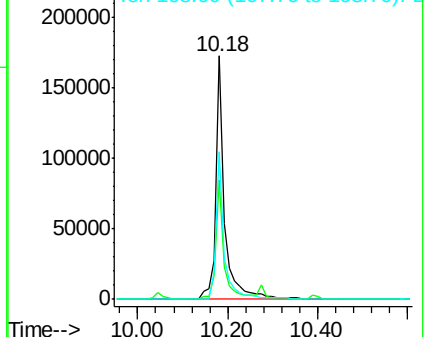
108 60.7 37.7 77.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.98 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Tgt Ion: 77 Resp: 875692

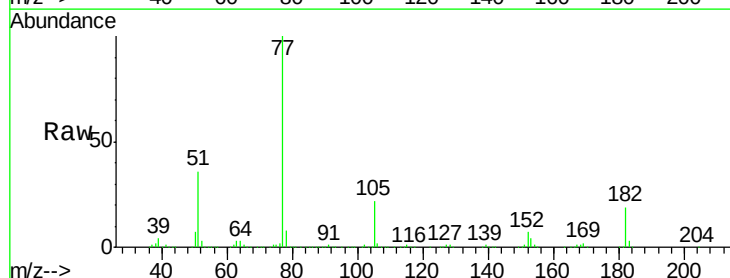
Ion Ratio Lower Upper

77 100

182 19.1 0.0 38.6

105 22.0 2.3 42.3

51 36.1 15.1 55.1

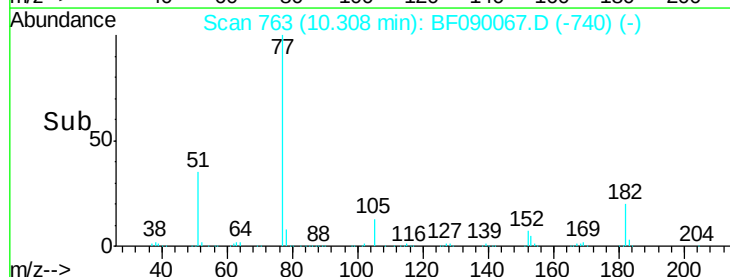
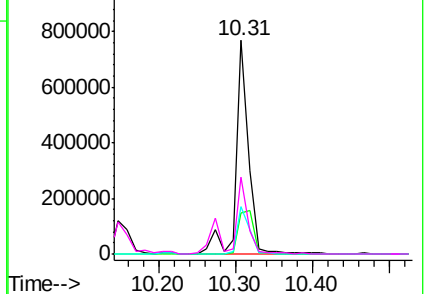


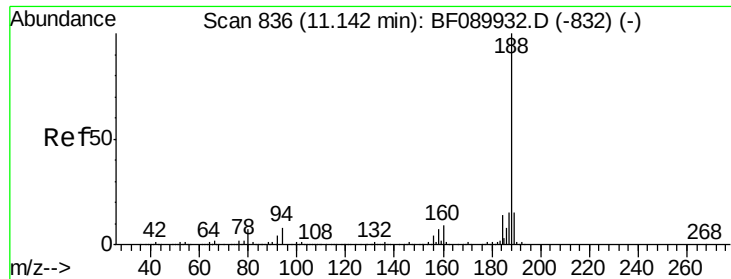
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

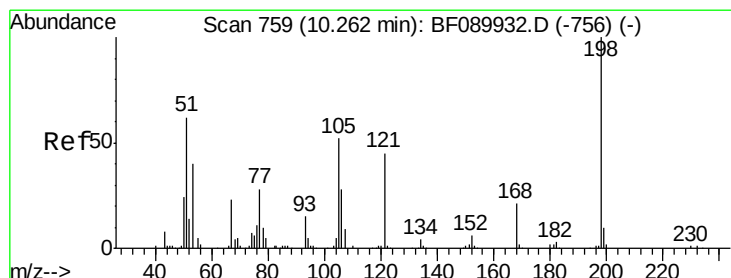
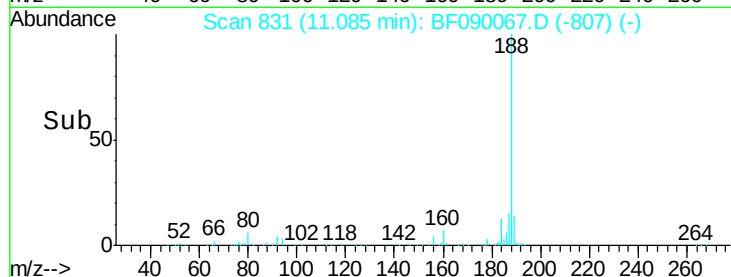
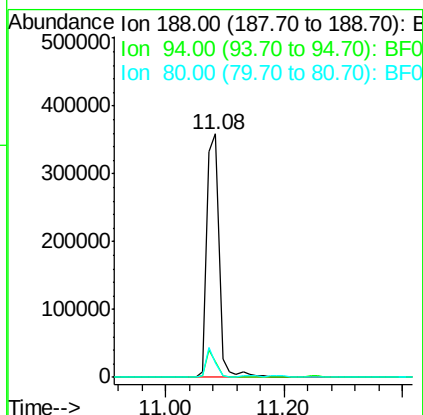
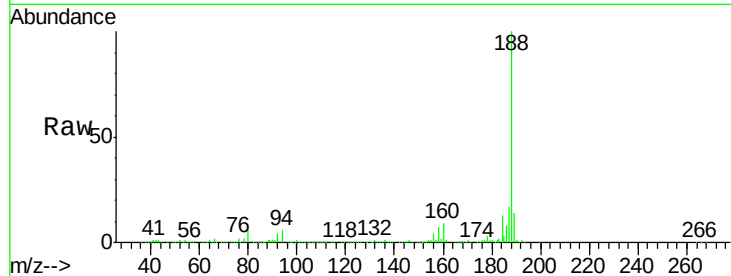




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.08 min Scan# 831  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

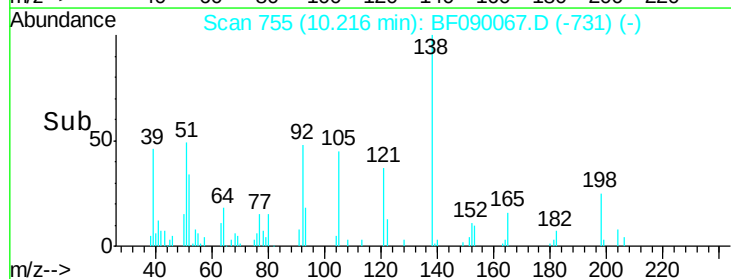
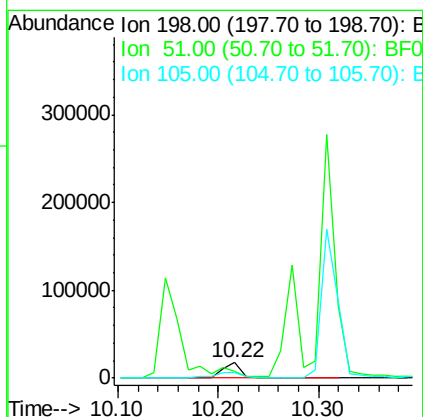
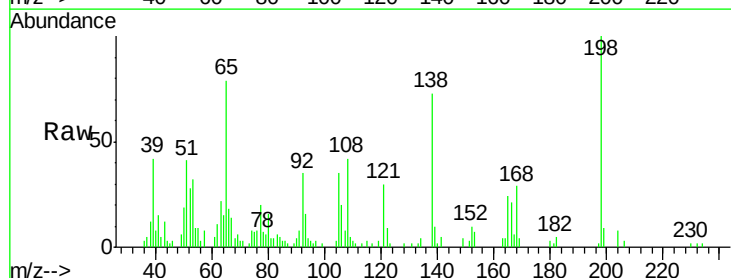
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1AMSD

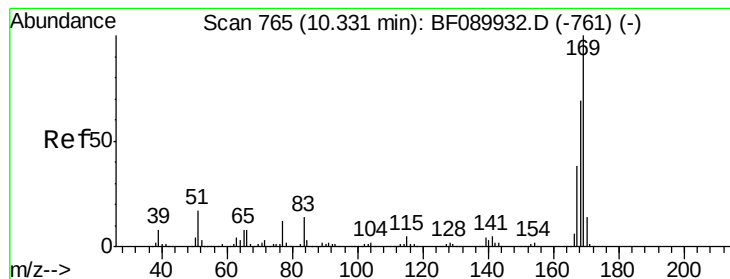
Tgt Ion:188 Resp: 524361  
Ion Ratio Lower Upper  
188 100  
94 6.5 5.9 8.9  
80 6.0 5.8 8.8



#64  
4,6-Dinitro-2-methylphenol  
Concen: 6.91 ng  
RT: 10.22 min Scan# 755  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

Tgt Ion:198 Resp: 23181  
Ion Ratio Lower Upper  
198 100  
51 41.0 43.0 83.0#  
105 34.8 30.3 70.3





#65

n-Nitrosodiphenylamine

Concen: 46.61 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

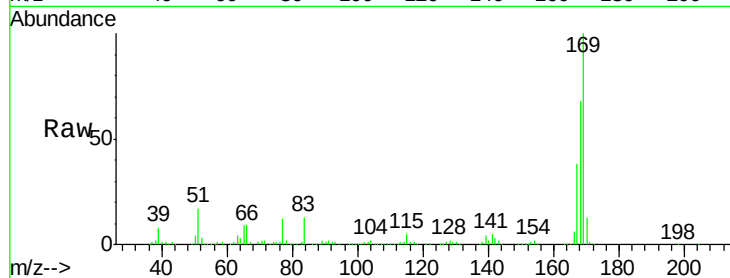
Tgt Ion:169 Resp: 734822

Ion Ratio Lower Upper

169 100

168 67.8 55.0 82.4

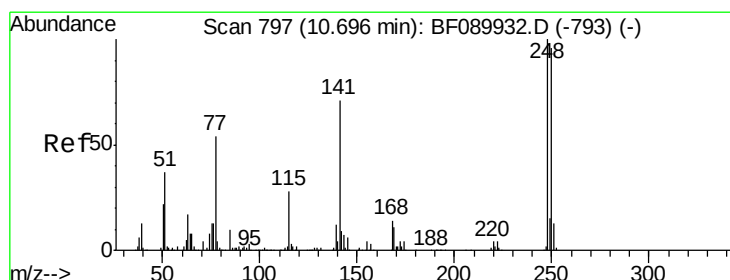
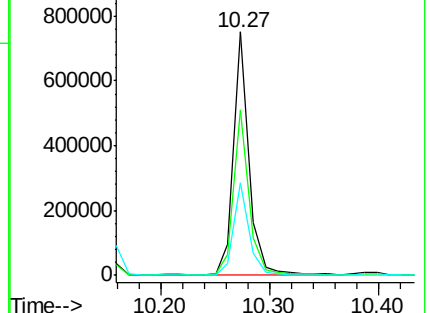
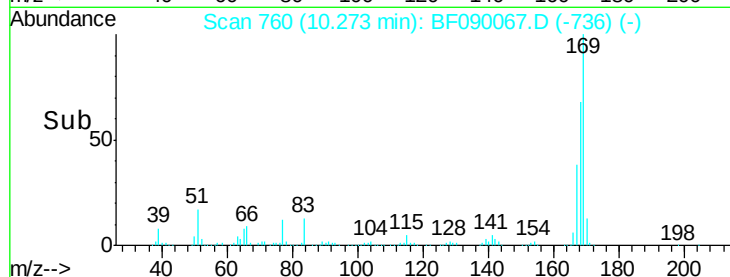
167 38.1 30.5 45.7



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: 50.55 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

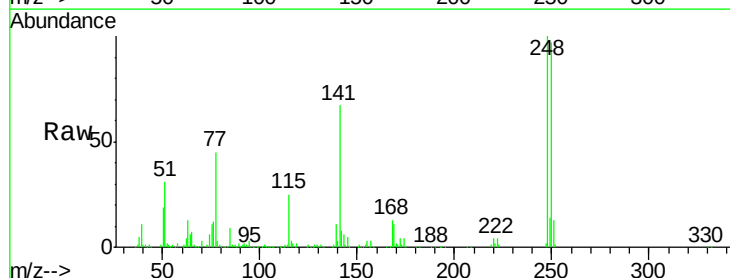
Tgt Ion:248 Resp: 266823

Ion Ratio Lower Upper

248 100

250 97.0 77.3 115.9

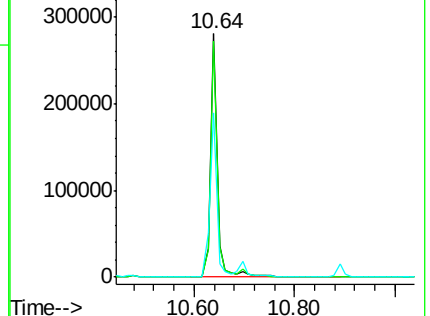
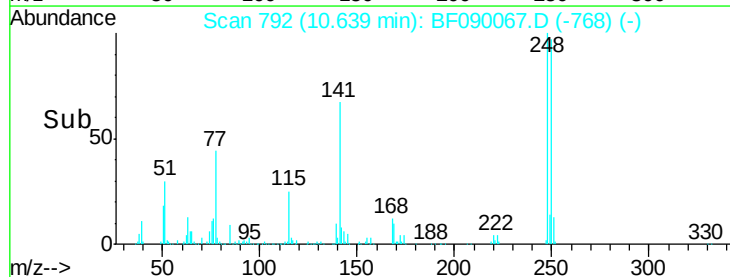
141 67.4 55.8 83.8

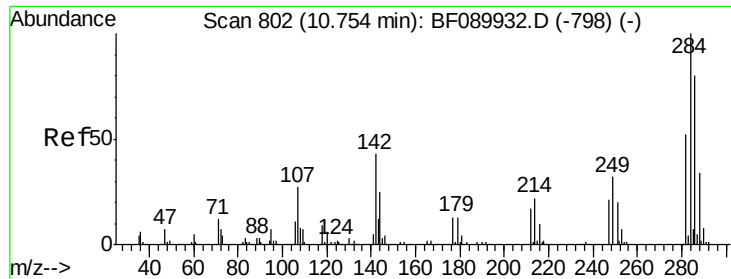


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

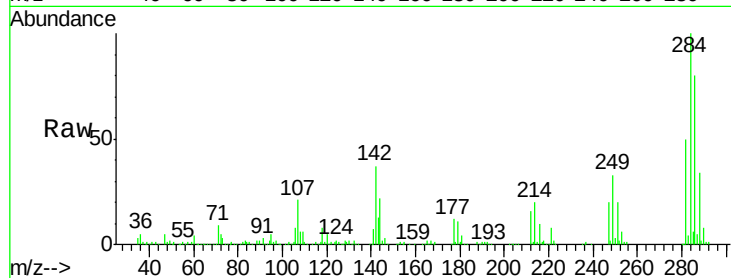




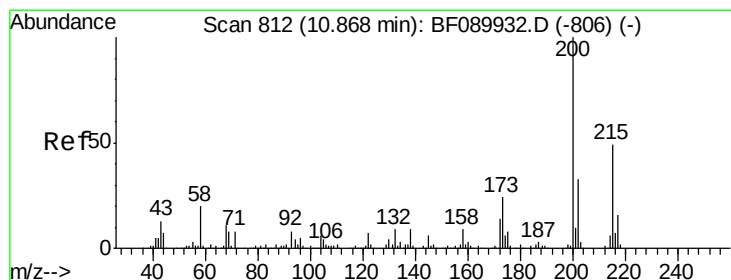
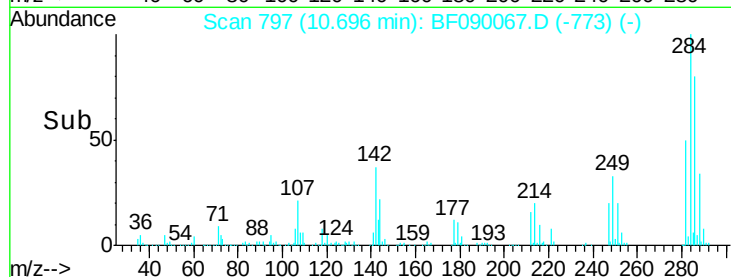
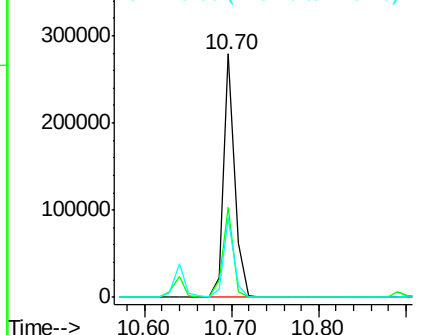
#67  
Hexachlorobenzene  
Concen: 42.12 ng  
RT: 10.70 min Scan# 797  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

Instrument :  
BNA\_F  
ClientSampleId :  
SP-1AMSD

Tgt Ion: 284 Resp: 253950  
Ion Ratio Lower Upper  
284 100  
142 36.8 32.7 49.1  
249 32.5 26.9 40.3

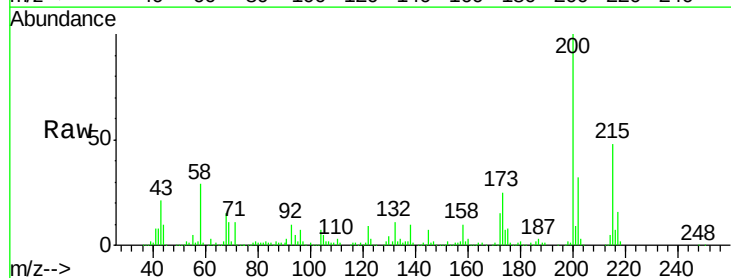


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

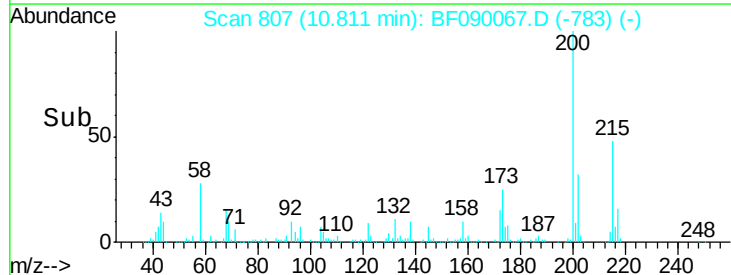
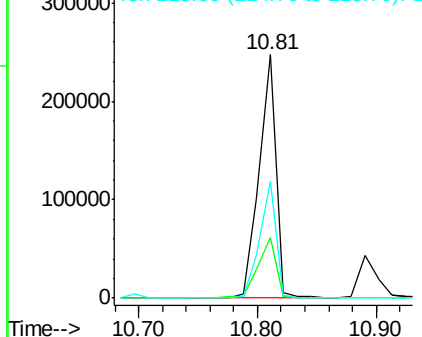


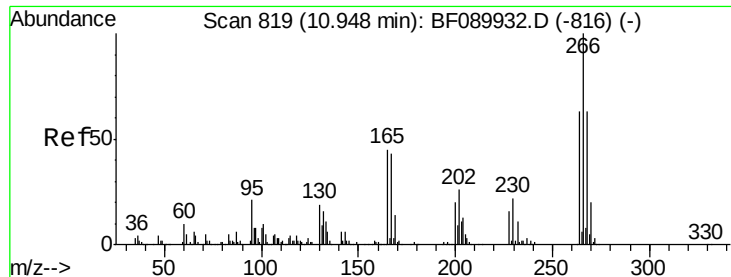
#68  
Atrazine  
Concen: 47.43 ng  
RT: 10.81 min Scan# 807  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

Tgt Ion: 200 Resp: 249606  
Ion Ratio Lower Upper  
200 100  
173 25.0 9.4 49.4  
215 48.0 24.5 64.5



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

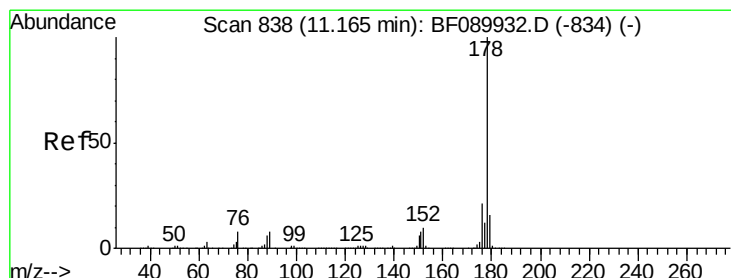
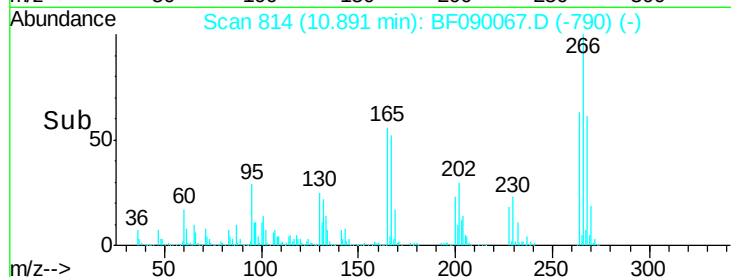
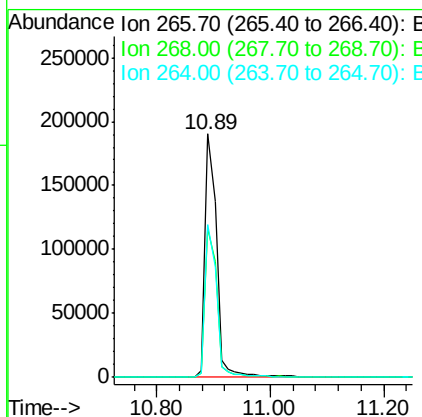
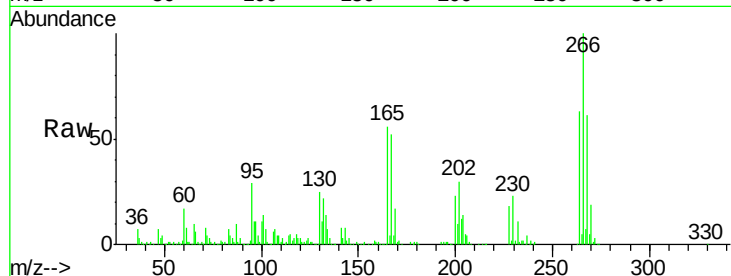




#69  
 Pentachlorophenol  
 Concen: 79.59 ng  
 RT: 10.89 min Scan# 814  
 Delta R.T. -0.02 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

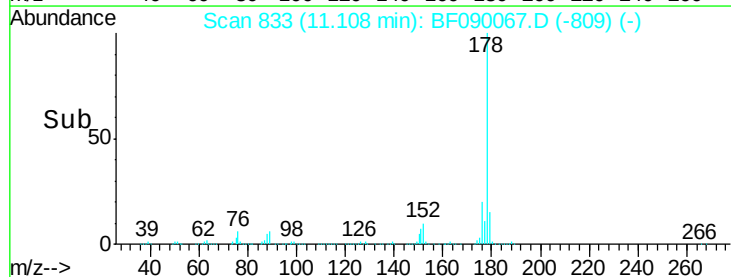
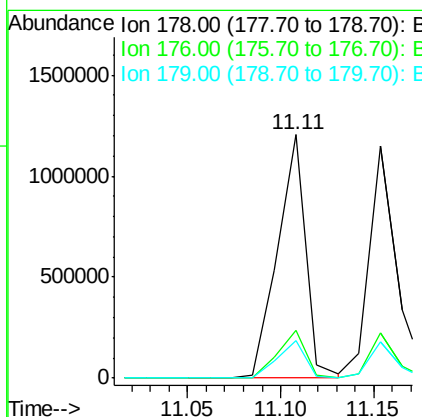
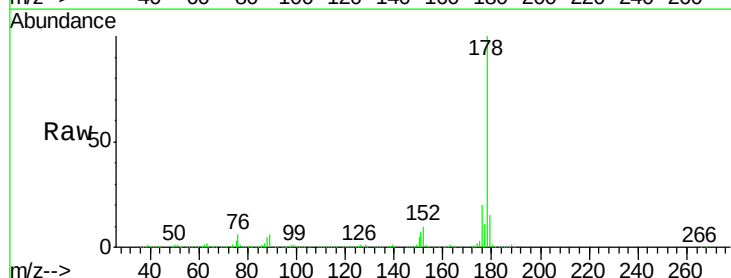
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1AMSD

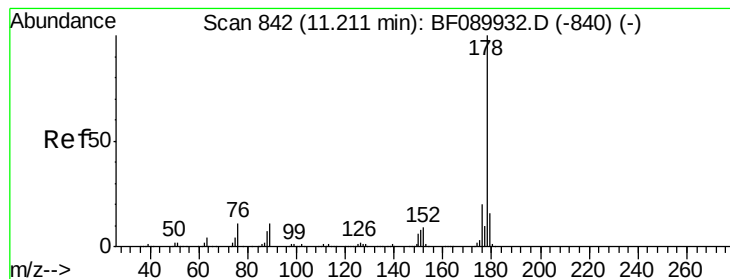
Tgt Ion:266 Resp: 258187  
 Ion Ratio Lower Upper  
 266 100  
 268 61.2 51.0 76.6  
 264 62.7 50.6 75.8



#70  
 Phenanthrene  
 Concen: 48.26 ng  
 RT: 11.11 min Scan# 833  
 Delta R.T. -0.02 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

Tgt Ion:178 Resp: 1260206  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 16.5 24.7  
 179 15.2 12.8 19.2





#71

Anthracene

Concen: 45.74 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

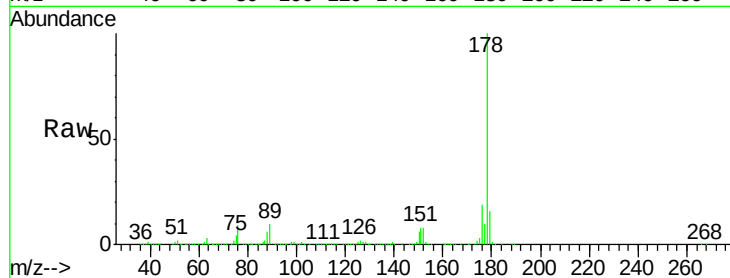
Tgt Ion:178 Resp: 1211350

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

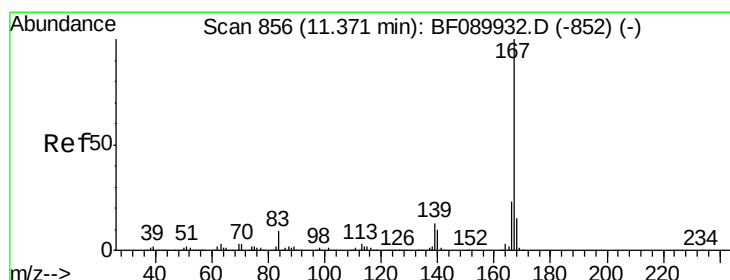
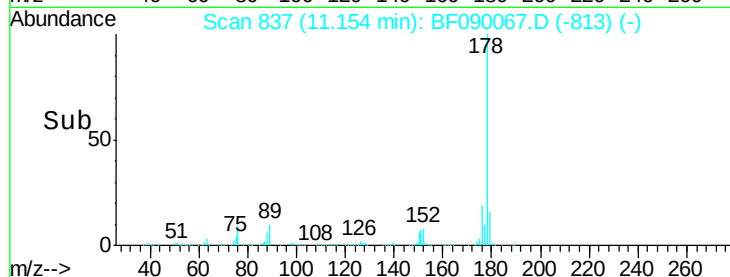
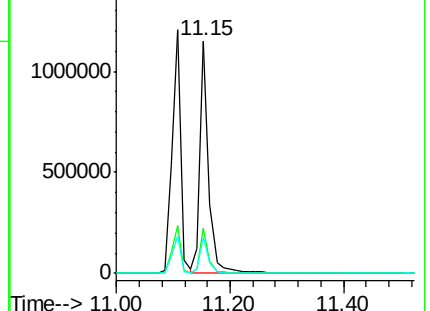
179 15.6 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.15 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

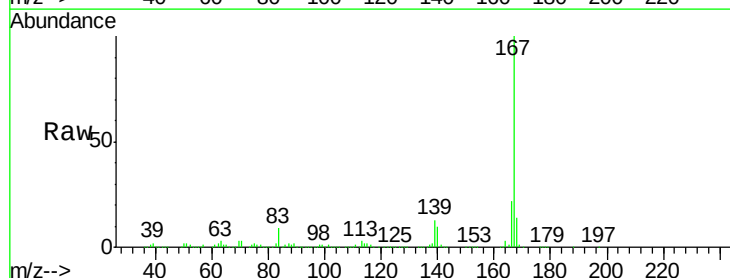
Tgt Ion:167 Resp: 1071603

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

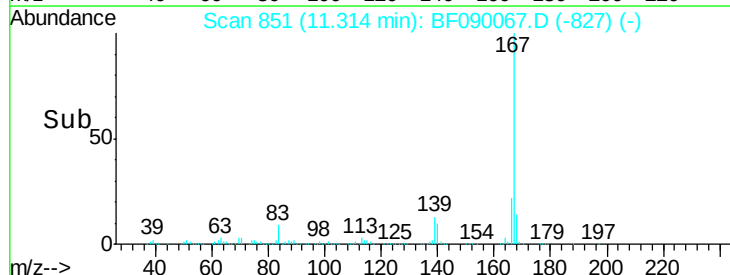
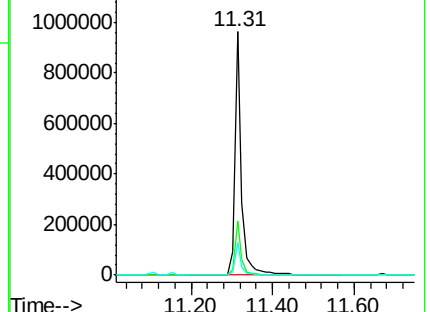
139 13.3 10.4 15.6



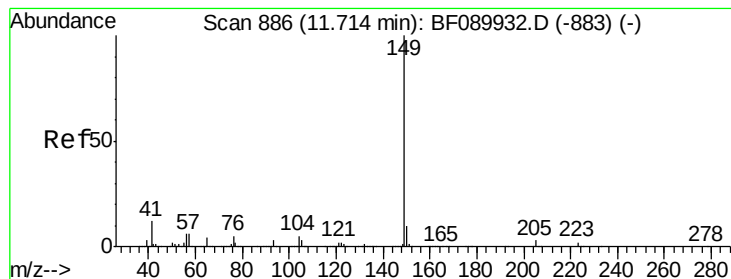
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 44.75 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

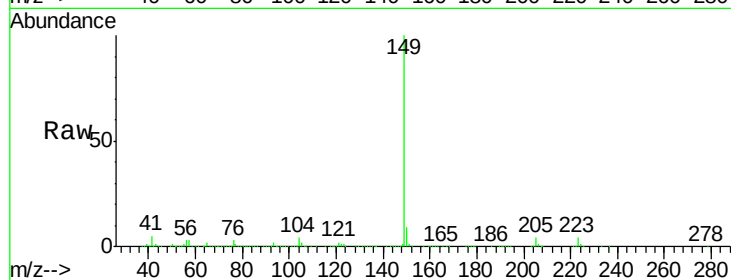
Tgt Ion:149 Resp: 1295293

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.8

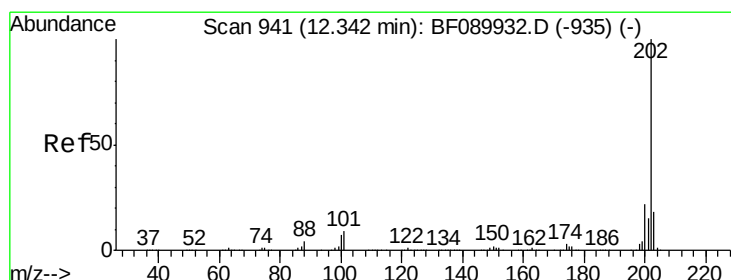
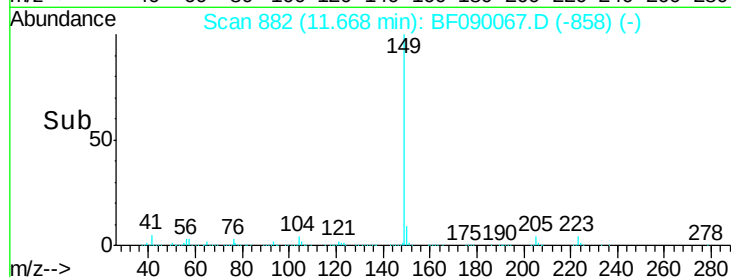
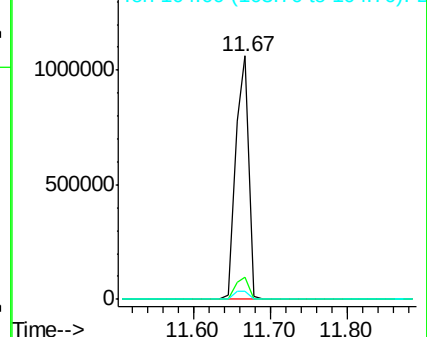
104 3.5 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.86 ng

RT: 12.29 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

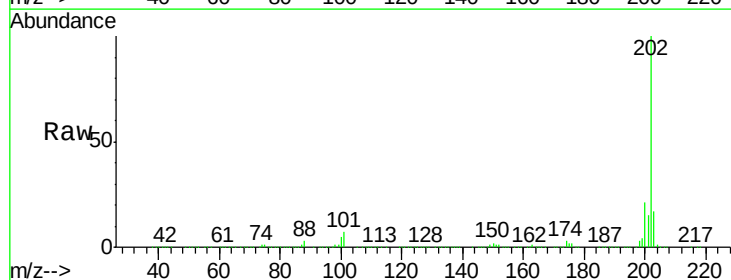
Tgt Ion:202 Resp: 1309623

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.5

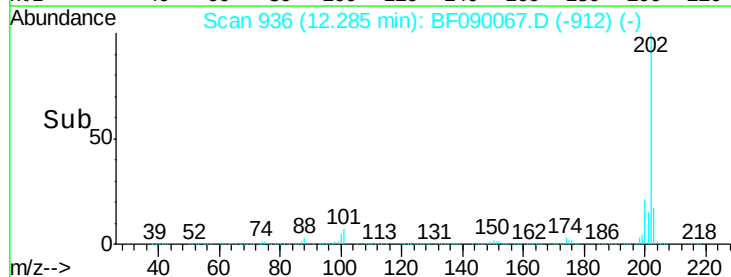
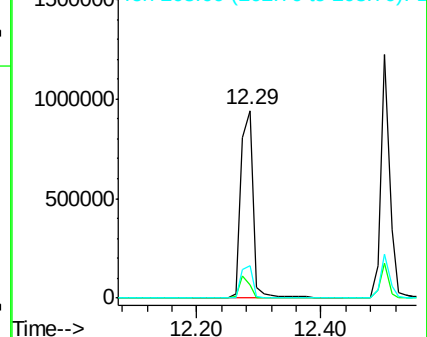
203 17.2 0.0 38.0

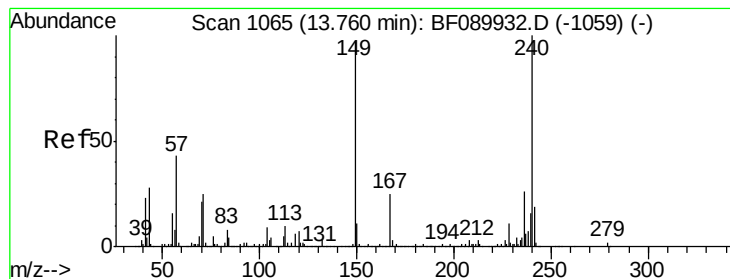


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

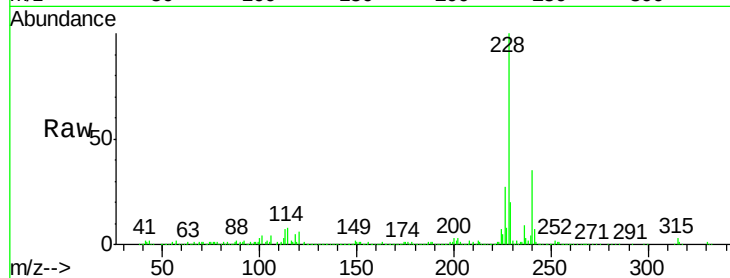
Tgt Ion:240 Resp: 400835

Ion Ratio Lower Upper

240 100

120 16.9 5.7 8.5#

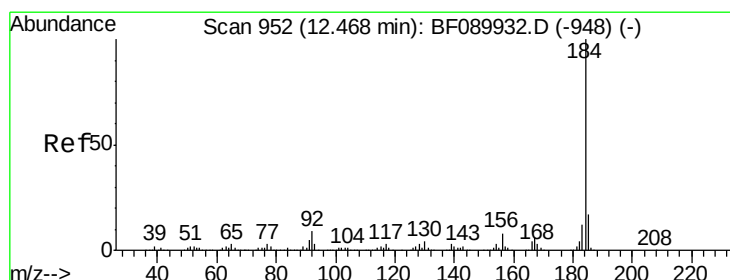
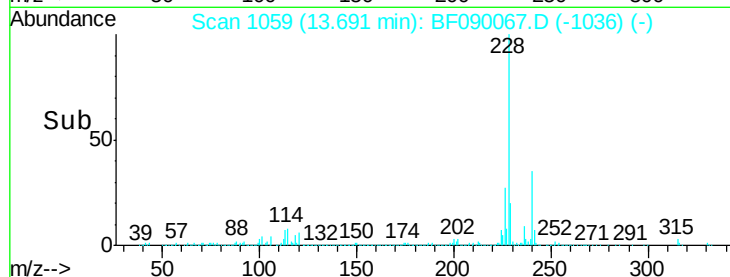
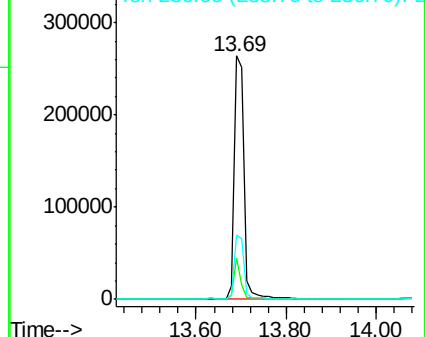
236 26.3 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.22 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

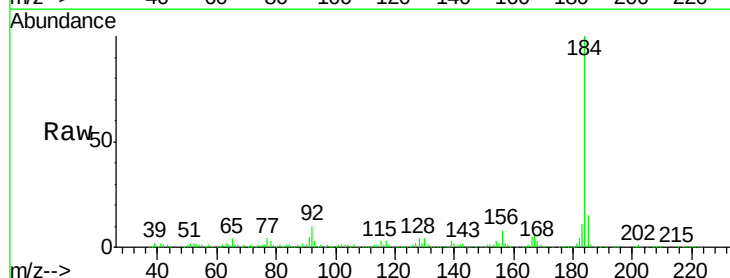
Tgt Ion:184 Resp: 610672

Ion Ratio Lower Upper

184 100

185 14.6 13.8 20.8

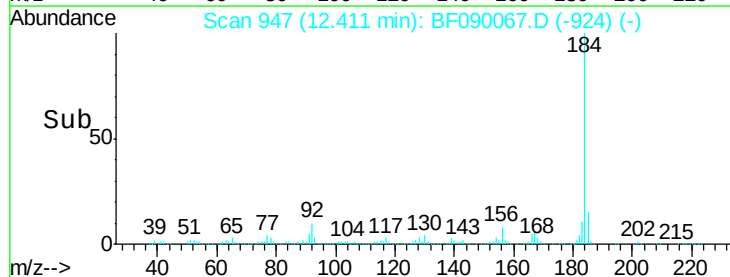
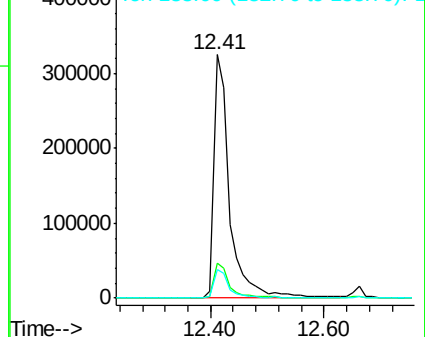
183 11.5 9.6 14.4

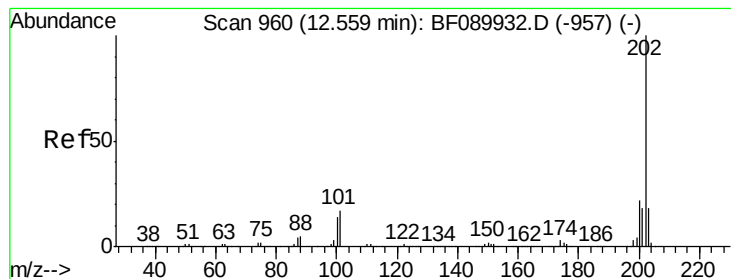


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.50 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

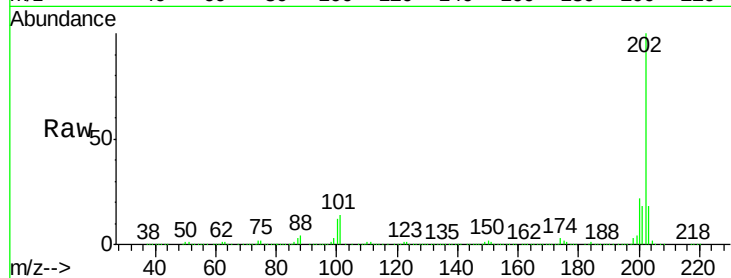
Tgt Ion:202 Resp: 1229364

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

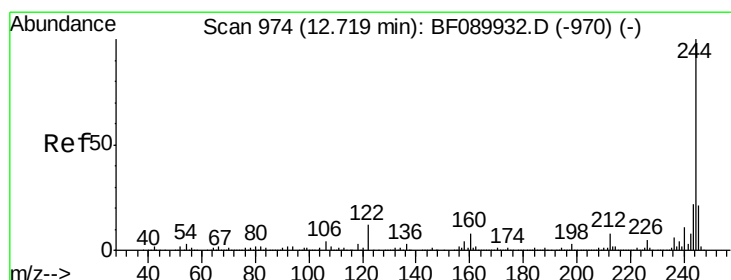
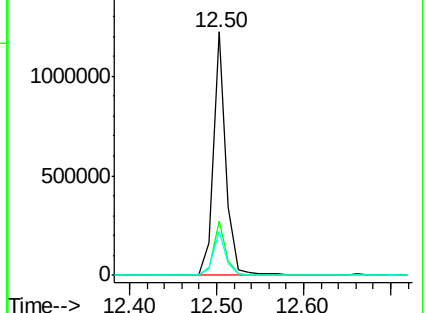
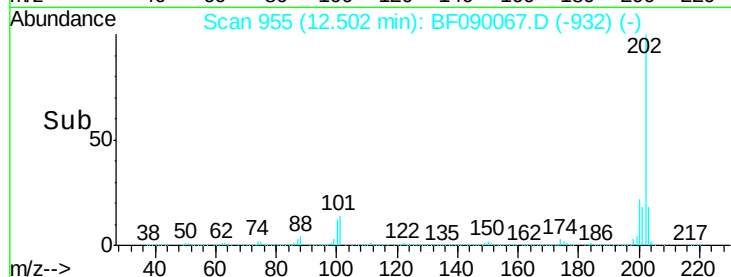
203 18.2 14.6 21.8



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: 79.22 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

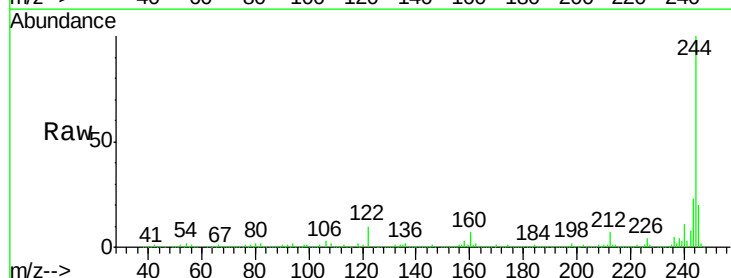
Tgt Ion:244 Resp: 1285494

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

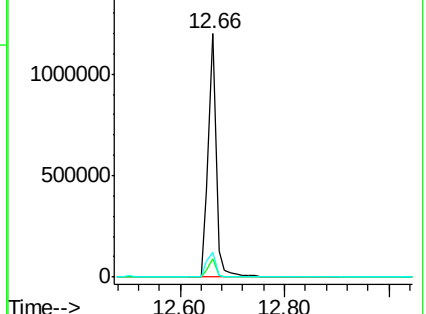
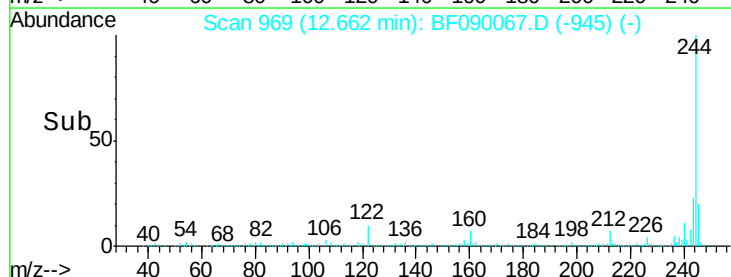
122 10.1 9.6 14.4

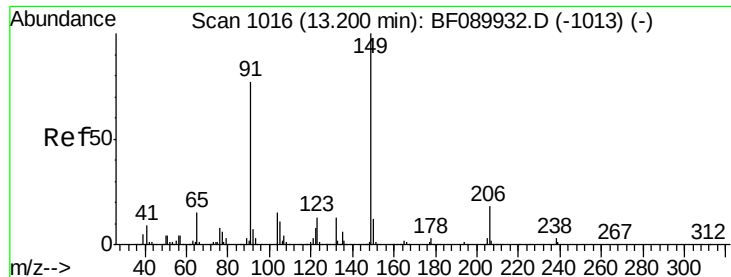


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

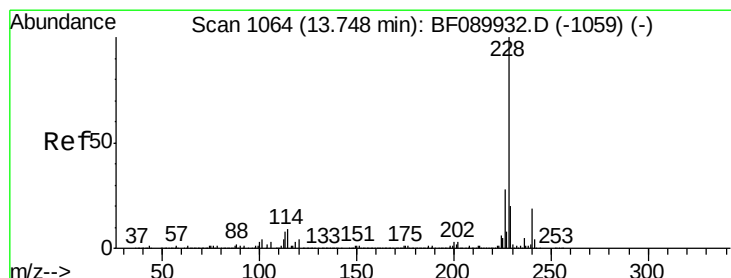
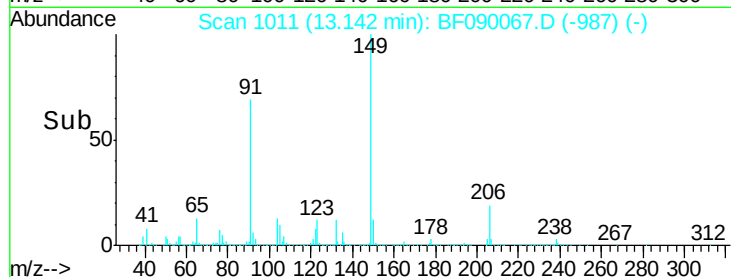
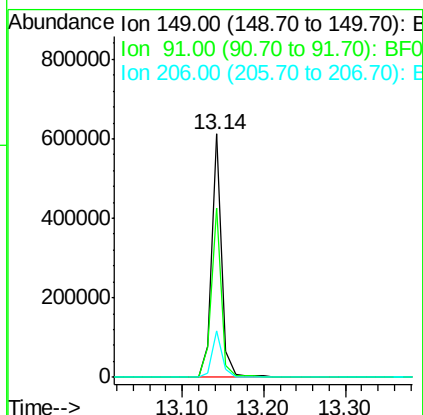
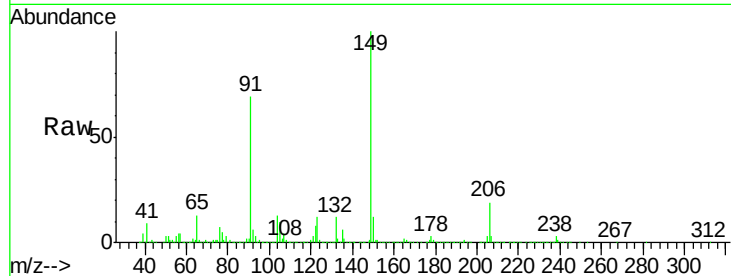




#79  
Butylbenzylphthalate  
Concen: 46.27 ng  
RT: 13.14 min Scan# 1011  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

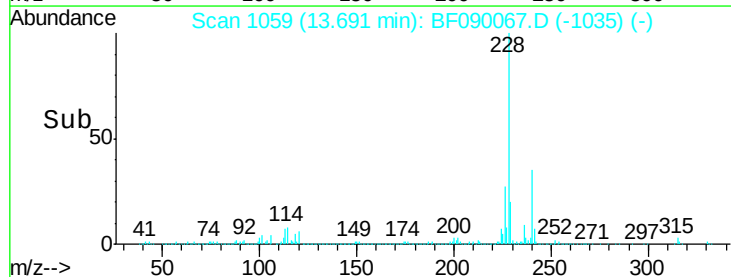
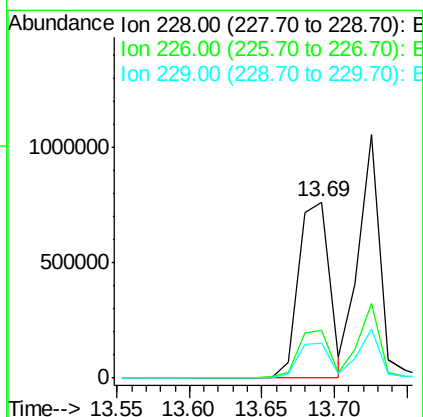
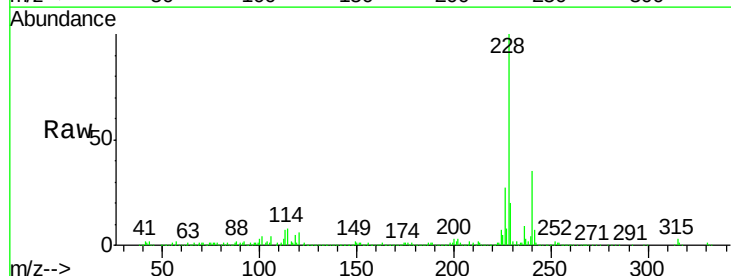
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1AMSD

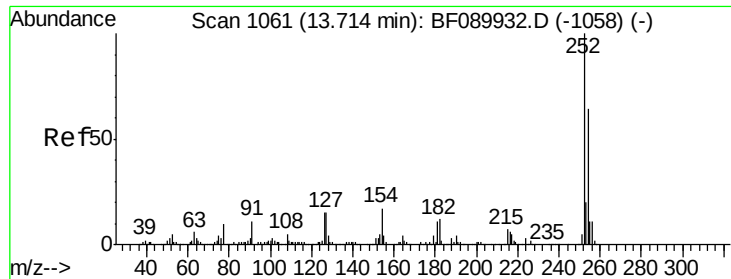
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.5  | 60.0  | 90.0  |
| 206     | 18.9  | 15.1  | 22.7  |



#80  
Benzo(a)anthracene  
Concen: 45.80 ng  
RT: 13.69 min Scan# 1059  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.5  | 22.2  | 33.2  |
| 229     | 20.1  | 15.8  | 23.6  |

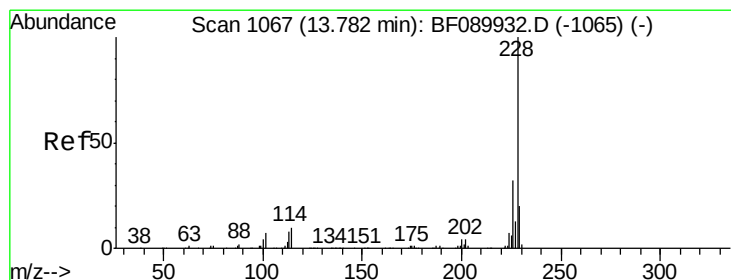
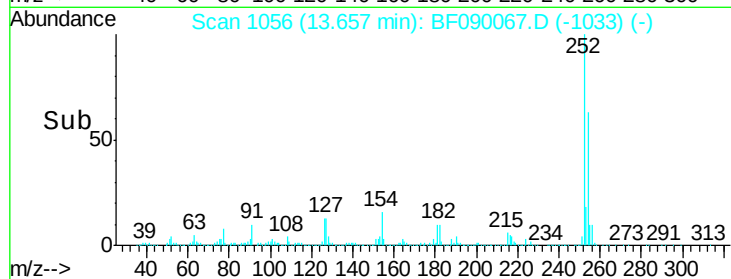
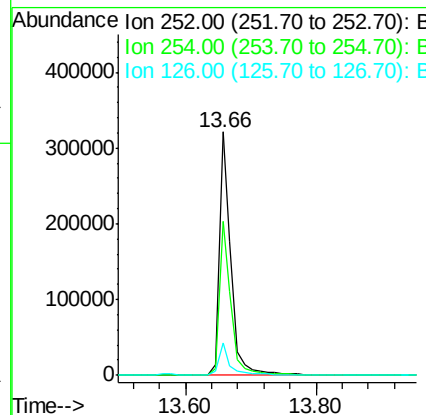
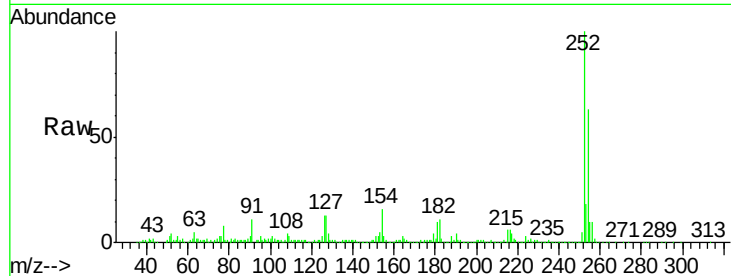




#81  
 3,3'-Dichlorobenzidine  
 Concen: 45.57 ng  
 RT: 13.66 min Scan# 1056  
 Delta R.T. -0.03 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

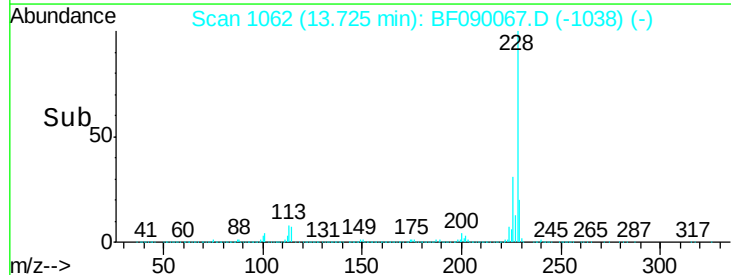
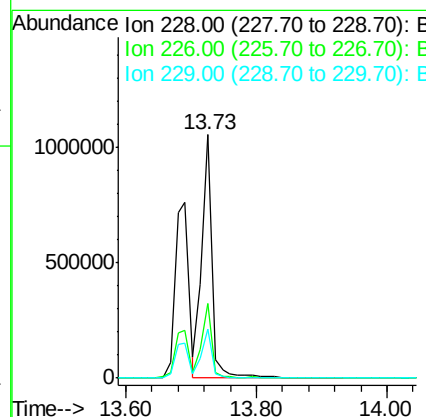
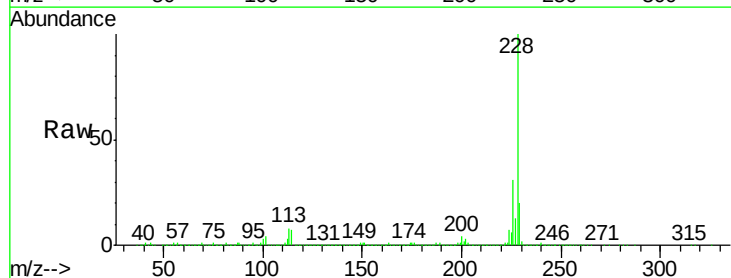
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1AMSD

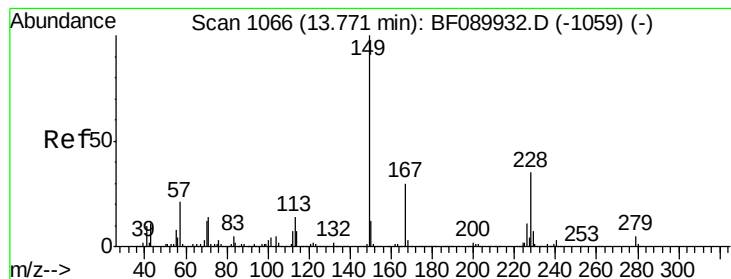
Tgt Ion:252 Resp: 403794  
 Ion Ratio Lower Upper  
 252 100  
 254 63.4 51.3 76.9  
 126 13.1 12.3 18.5



#82  
 Chrysene  
 Concen: 49.62 ng  
 RT: 13.73 min Scan# 1062  
 Delta R.T. -0.02 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

Tgt Ion:228 Resp: 1137840  
 Ion Ratio Lower Upper  
 228 100  
 226 30.8 25.2 37.8  
 229 19.9 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.33 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

Instrument :

BNA\_F

ClientSampleId :

SP-1AMSD

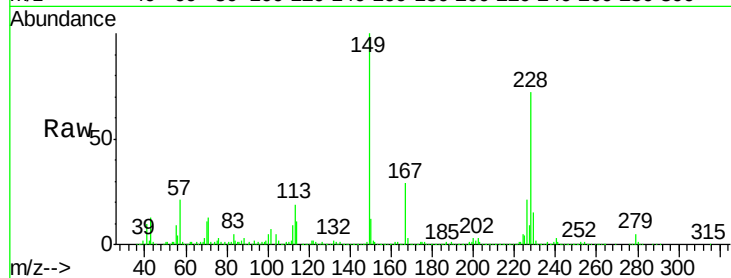
Tgt Ion:149 Resp: 730278

Ion Ratio Lower Upper

149 100

167 29.5 23.6 35.4

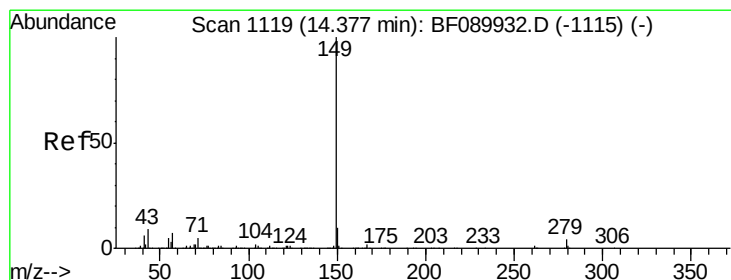
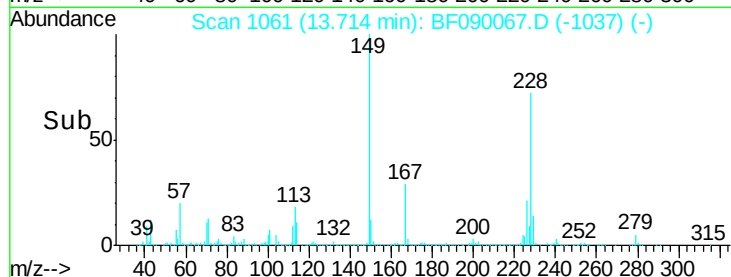
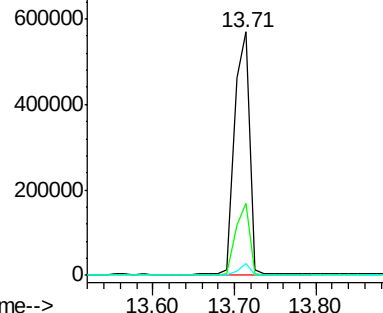
279 4.7 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.08 ng

RT: 14.32 min Scan# 1114

Delta R.T. -0.02 min

Lab File: BF090067.D

Acq: 12 Sep 2016 17:00

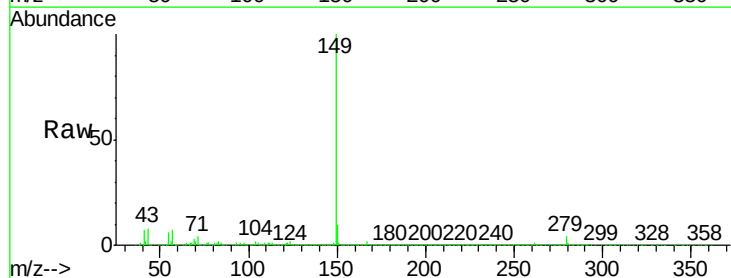
Tgt Ion:149 Resp: 1248882

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

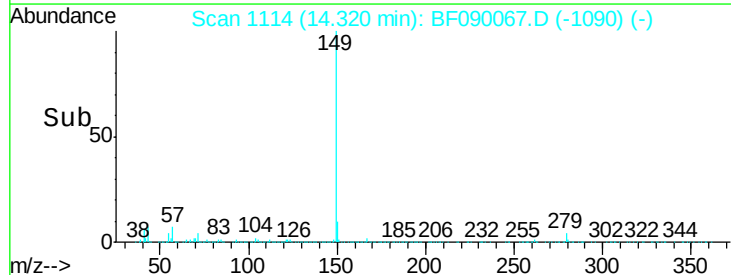
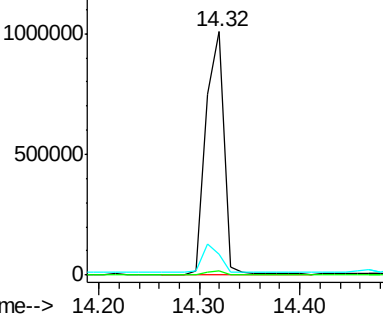
43 12.0 9.3 13.9

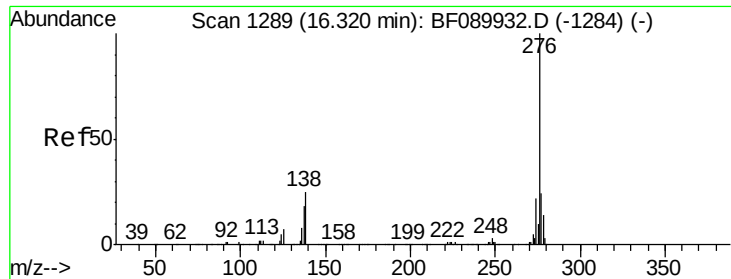


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

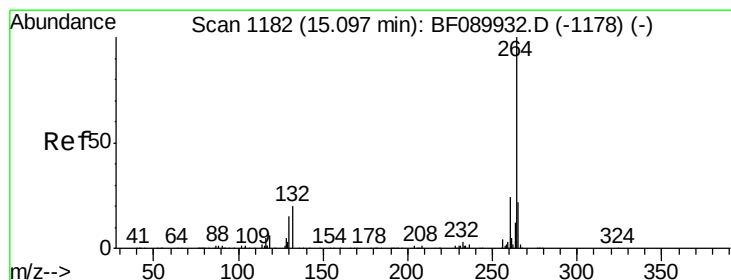
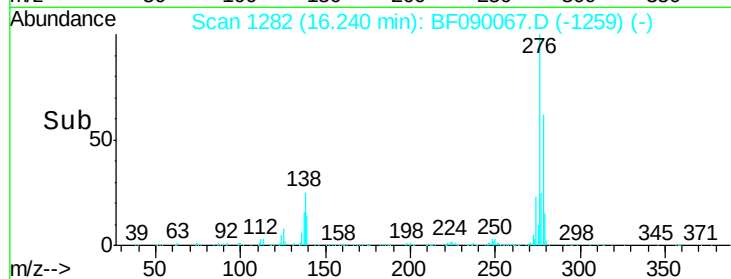
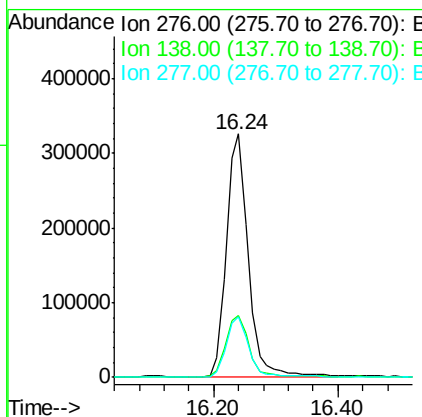
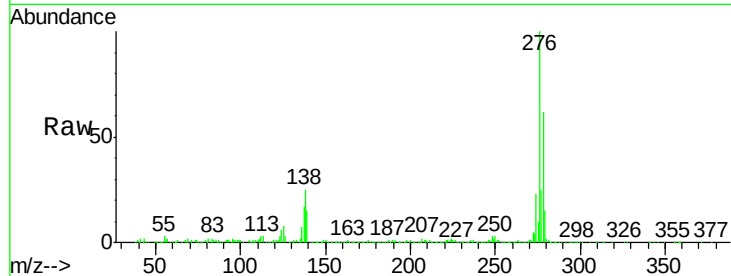




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.58 ng  
 RT: 16.24 min Scan# 1282  
 Delta R.T. -0.03 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

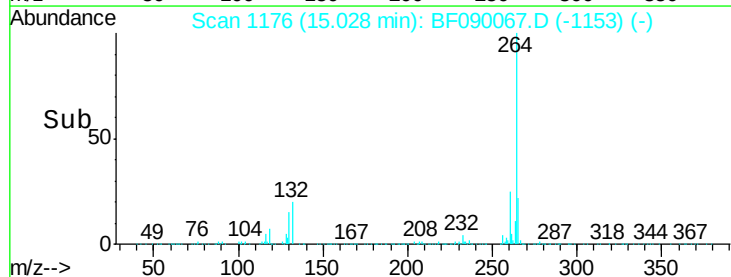
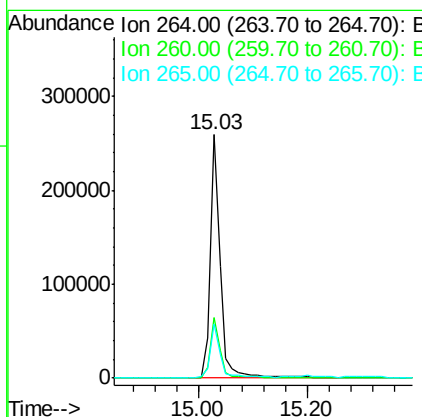
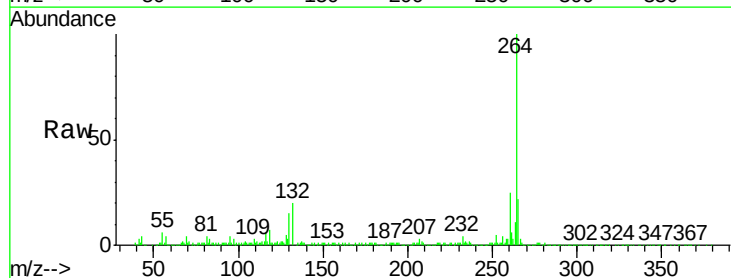
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1AMSD

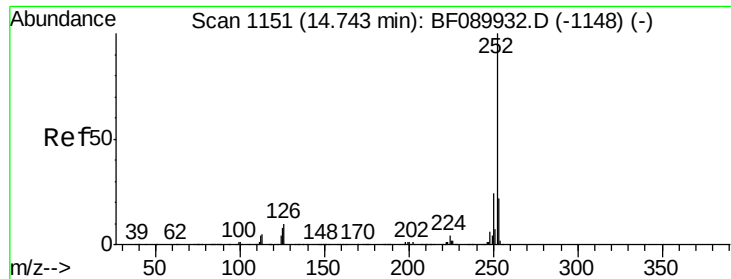
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 27.0  | 22.6  | 34.0  |
| 277     | 25.3  | 20.1  | 30.1  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.03 min Scan# 1176  
 Delta R.T. -0.03 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.0  | 19.4  | 29.0  |
| 265     | 22.5  | 17.4  | 26.2  |

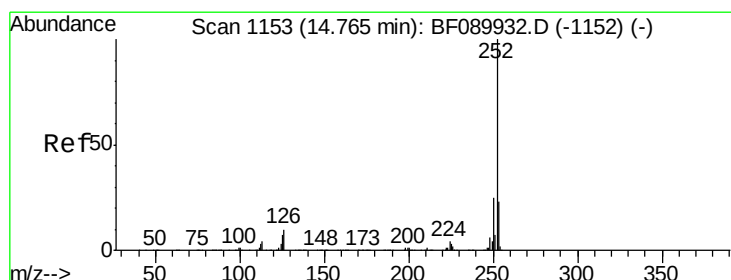
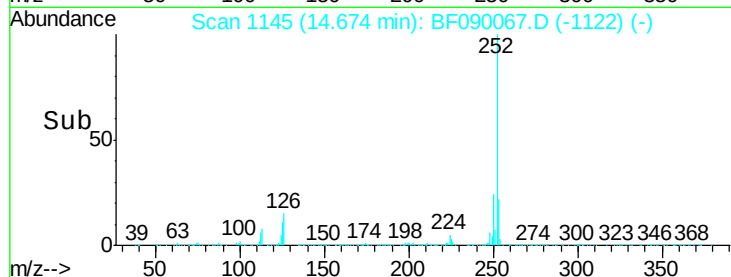
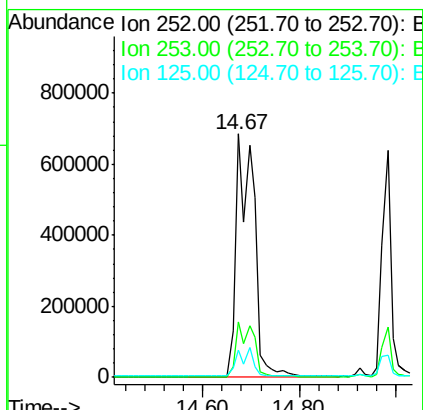
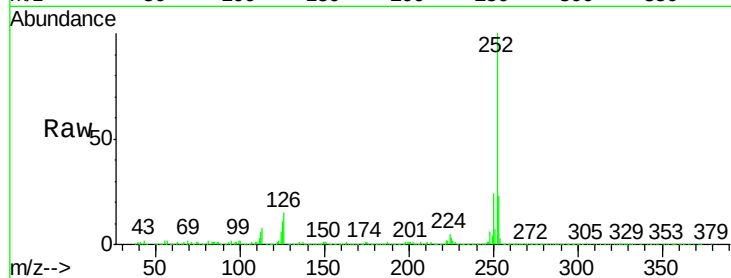




#87  
Benzo(b)fluoranthene  
Concen: 87.35 ng  
RT: 14.67 min Scan# 1145  
Delta R.T. -0.03 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

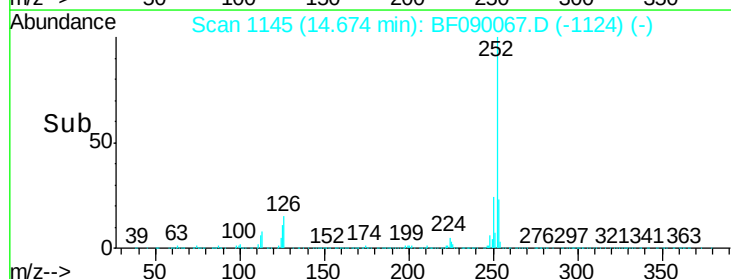
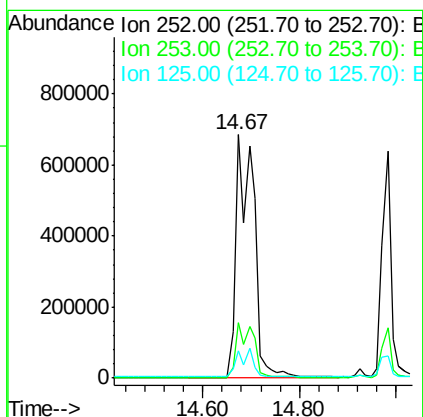
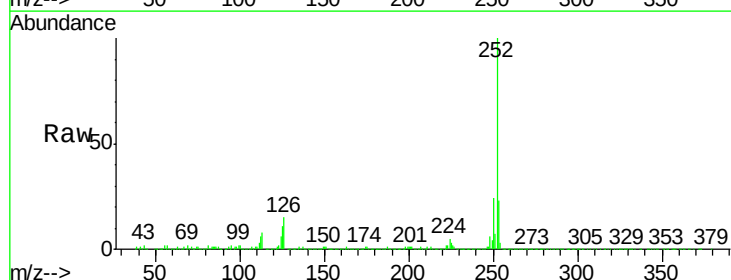
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1AMSD

Tgt Ion:252 Resp: 1782027  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.0 27.0  
125 11.5 5.7 8.5#

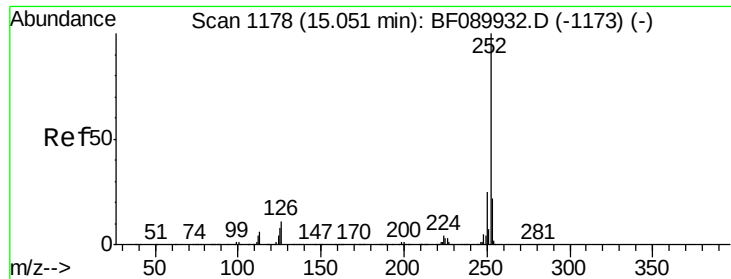


#88  
Benzo(k)fluoranthene  
Concen: 102.94 ng  
RT: 14.67 min Scan# 1145  
Delta R.T. -0.06 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

Tgt Ion:252 Resp: 1782027  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.8  
125 11.5 7.3 10.9#



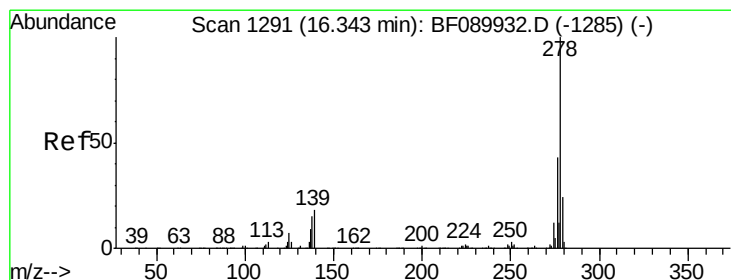
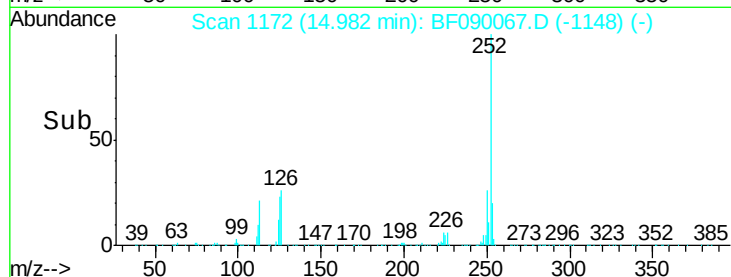
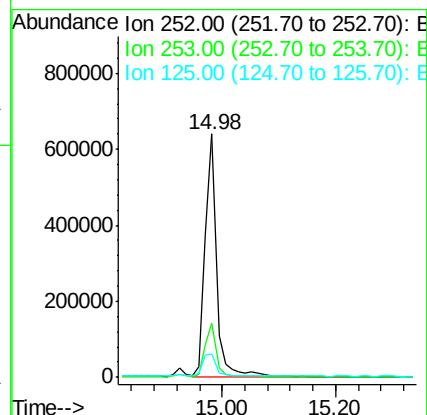
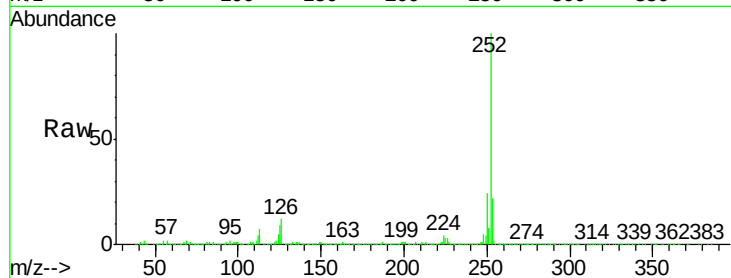




#89  
Benzo(a)pyrene  
Concen: 49.42 ng  
RT: 14.98 min Scan# 1172  
Delta R.T. -0.02 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

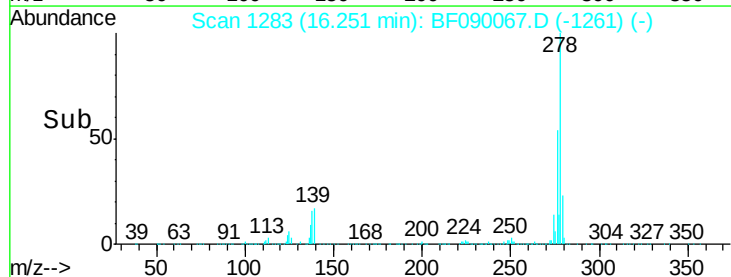
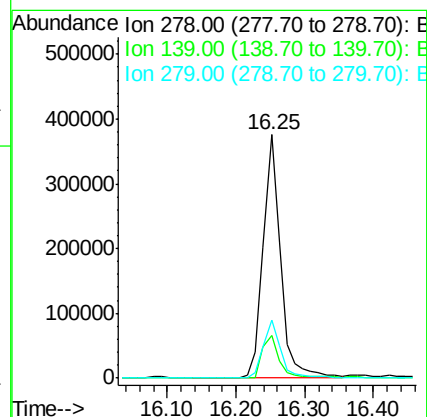
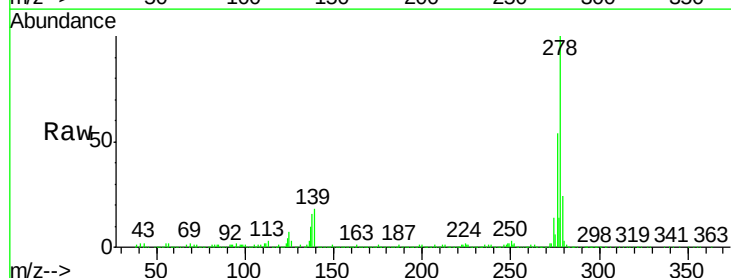
Instrument :  
BNA\_F  
ClientSampleId :  
SP-1AMSD

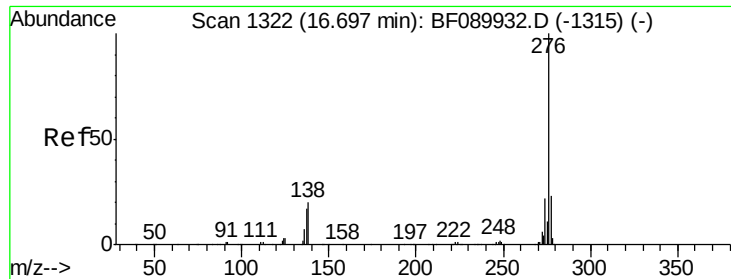
Tgt Ion: 252 Resp: 863727  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 9.5 6.3 9.5#



#90  
Dibenzo(a,h)anthracene  
Concen: 51.09 ng  
RT: 16.25 min Scan# 1283  
Delta R.T. -0.05 min  
Lab File: BF090067.D  
Acq: 12 Sep 2016 17:00

Tgt Ion: 278 Resp: 654240  
Ion Ratio Lower Upper  
278 100  
139 17.7 13.4 20.2  
279 23.6 19.4 29.2





#91  
 Benzo(g,h,i)perylene  
 Concen: 49.99 ng  
 RT: 16.59 min Scan# 1313  
 Delta R.T. -0.05 min  
 Lab File: BF090067.D  
 Acq: 12 Sep 2016 17:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1AMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 19.0  | 28.4  |
| 138     | 22.5  | 16.4  | 24.6  |

