

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021017\  
 Data File : BF092898.D  
 Acq On : 10 Feb 2017 22:12  
 Operator : SJ/MA  
 Sample : I1769-02MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 9717MS

Quant Time: Feb 10 23:09:48 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 30 14:50:05 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 158607   | 20.00 | ng    | -0.07    |
| 21) Naphthalene-d8        | 8.19  | 136  | 653090   | 20.00 | ng    | -0.07    |
| 38) Acenaphthene-d10      | 9.94  | 164  | 354743   | 20.00 | ng    | -0.07    |
| 63) Phenanthrene-d10      | 11.42 | 188  | 580112   | 20.00 | ng    | -0.07    |
| 75) Chrysene-d12          | 14.07 | 240  | 461109   | 20.00 | ng    | -0.08    |
| 86) Perylene-d12          | 15.51 | 264  | 352422   | 20.00 | ng    | -0.10    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 1120867 | 121.24 | ng | -0.06 |
| 7) Phenol-d6             | 6.54  | 99  | 1282452 | 107.81 | ng | -0.06 |
| 23) Nitrobenzene-d5      | 7.47  | 82  | 1016726 | 86.69  | ng | -0.07 |
| 41) 2,4,6-Tribromophenol | 10.74 | 330 | 377168  | 147.00 | ng | -0.07 |
| 44) 2-Fluorobiphenyl     | 9.26  | 172 | 1761064 | 89.94  | ng | -0.07 |
| 78) Terphenyl-d14        | 13.01 | 244 | 1590129 | 81.03  | ng | -0.07 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.66 | 88  | 149051  | 29.84 | ng | # 74   |
| 3) Pyridine                    | 3.39 | 79  | 330870  | 26.05 | ng | 89     |
| 4) n-Nitrosodimethylamine      | 3.31 | 42  | 212261  | 35.59 | ng | 90     |
| 6) Aniline                     | 6.57 | 93  | 164665  | 10.15 | ng | # 56   |
| 8) 2-Chlorophenol              | 6.68 | 128 | 419034  | 41.09 | ng | 91     |
| 9) Benzaldehyde                | 6.44 | 77  | 146185  | 17.15 | ng | 94     |
| 10) Phenol                     | 6.56 | 94  | 553076  | 39.74 | ng | # 73   |
| 11) bis(2-Chloroethyl)ether    | 6.64 | 93  | 430352  | 38.74 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 6.84 | 146 | 460468  | 38.55 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.91 | 146 | 446731  | 36.95 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 459645  | 39.76 | ng | 96     |
| 15) Benzyl Alcohol             | 7.05 | 79  | 389286  | 44.21 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.18 | 45  | 784213  | 40.64 | ng | 95     |
| 17) 2-Methylphenol             | 7.16 | 107 | 367258  | 41.97 | ng | 96     |
| 18) Hexachloroethane           | 7.41 | 117 | 162403  | 39.35 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70  | 335322  | 44.28 | ng | # 95   |
| 20) 3+4-Methylphenols          | 7.32 | 107 | 441722  | 42.22 | ng | # 87   |
| 22) Acetophenone               | 7.31 | 105 | 597287  | 40.06 | ng | # 96   |
| 24) Nitrobenzene               | 7.48 | 77  | 445161  | 36.97 | ng | 98     |
| 25) Isophorone                 | 7.72 | 82  | 941308  | 43.07 | ng | 96     |
| 26) 2-Nitrophenol              | 7.80 | 139 | 247067  | 43.16 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.85 | 122 | 450818  | 44.84 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.94 | 93  | 627445  | 43.35 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.05 | 162 | 411106  | 43.85 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 401054  | 39.69 | ng | 95     |
| 31) Naphthalene                | 8.20 | 128 | 1283760 | 38.78 | ng | 99     |
| 32) Benzoic acid               | 7.98 | 122 | 225721  | 40.88 | ng | 94     |
| 33) 4-Chloroaniline            | 8.26 | 127 | 106057  | 8.17  | ng | 98     |
| 34) Hexachlorobutadiene        | 8.33 | 225 | 223009  | 40.12 | ng | 98     |
| 35) Caprolactam                | 8.66 | 113 | 91565   | 31.05 | ng | # 46   |
| 36) 4-Chloro-3-methylphenol    | 8.75 | 107 | 425333  | 43.51 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.90 | 142 | 886563  | 41.71 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.07 | 216 | 410174  | 41.19 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.05 | 237 | 280868  | 62.52 | ng | 95     |

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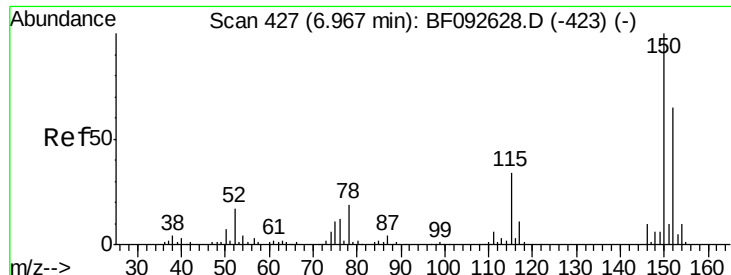
Instrument :  
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Quant Time: Feb 10 23:09:48 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.18  | 196  | 302799   | 46.28 | ng    | 93       |
| 43) 2,4,5-Trichlorophenol      | 9.23  | 196  | 290124   | 40.47 | ng #  | 88       |
| 45) 1,1'-Biphenyl              | 9.37  | 154  | 1163215  | 45.28 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 9.39  | 162  | 882436   | 43.91 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.49  | 65   | 299831   | 44.38 | ng #  | 76       |
| 48) Acenaphthylene             | 9.80  | 152  | 1316906  | 37.94 | ng    | 99       |
| 49) Dimethylphthalate          | 9.68  | 163  | 1114129  | 46.63 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.73  | 165  | 246236   | 47.72 | ng    | 95       |
| 51) Acenaphthene               | 9.97  | 154  | 871105   | 41.97 | ng    | 96       |
| 52) 3-Nitroaniline             | 9.89  | 138  | 69655    | 11.80 | ng    | 98       |
| 53) 2,4-Dinitrophenol          | 10.01 | 184  | 182723   | 70.22 | ng #  | 63       |
| 54) Dibenzofuran               | 10.14 | 168  | 1171393  | 42.20 | ng    | 98       |
| 55) 4-Nitrophenol              | 10.08 | 139  | 291467   | 68.53 | ng    | 89       |
| 56) 2,4-Dinitrotoluene         | 10.13 | 165  | 287056   | 41.78 | ng    | 93       |
| 57) Fluorene                   | 10.49 | 166  | 842422   | 39.45 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.27 | 232  | 249427   | 52.15 | ng    | 94       |
| 59) Diethylphthalate           | 10.37 | 149  | 1046124  | 46.46 | ng #  | 93       |
| 60) 4-Chlorophenyl-phenylether | 10.48 | 204  | 425142   | 41.44 | ng    | 95       |
| 61) 4-Nitroaniline             | 10.52 | 138  | 241983   | 40.01 | ng    | 83       |
| 62) Azobenzene                 | 10.64 | 77   | 1094504  | 47.05 | ng    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.54 | 198  | 146806   | 41.93 | ng #  | 68       |
| 65) n-Nitrosodiphenylamine     | 10.60 | 169  | 776064   | 41.88 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.97 | 248  | 257315   | 42.46 | ng    | 91       |
| 67) Hexachlorobenzene          | 11.04 | 284  | 249991   | 41.74 | ng #  | 87       |
| 68) Atrazine                   | 11.14 | 200  | 280036   | 47.09 | ng    | 93       |
| 69) Pentachlorophenol          | 11.24 | 266  | 292799   | 93.38 | ng    | 98       |
| 70) Phenanthrene               | 11.45 | 178  | 1338895  | 40.28 | ng    | 99       |
| 71) Anthracene                 | 11.50 | 178  | 1433745  | 42.96 | ng    | 99       |
| 72) Carbazole                  | 11.66 | 167  | 1338723  | 41.96 | ng    | 97       |
| 73) Di-n-butylphthalate        | 11.98 | 149  | 1473756  | 42.71 | ng #  | 98       |
| 74) Fluoranthene               | 12.64 | 202  | 1287777  | 37.56 | ng    | 98       |
| 76) Benzidine                  | 12.76 | 184  | 170802   | 8.69  | ng #  | 95       |
| 77) Pyrene                     | 12.86 | 202  | 1255786  | 36.39 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.48 | 149  | 641522   | 45.78 | ng    | 91       |
| 80) Benzo(a)anthracene         | 14.05 | 228  | 1117888  | 39.64 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.02 | 252  | 218795   | 21.76 | ng #  | 96       |
| 82) Chrysene                   | 14.09 | 228  | 938904   | 35.56 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 887068   | 46.29 | ng #  | 96       |
| 84) Di-n-octyl phthalate       | 14.65 | 149  | 1454933  | 46.62 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.95 | 276  | 890745   | 43.55 | ng    | 95       |
| 87) Benzo(b)fluoranthene       | 15.09 | 252  | 985635   | 42.49 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 15.09 | 252  | 985635   | 49.21 | ng    | 97       |
| 89) Benzo(a)pyrene             | 15.45 | 252  | 879259   | 43.82 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.97 | 278  | 743442   | 45.84 | ng    | 96       |
| 91) Benzo(g,h,i)perylene       | 17.38 | 276  | 756515   | 46.18 | ng #  | 90       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.07 min

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BNA\_F

ClientSampleId :

9717MS

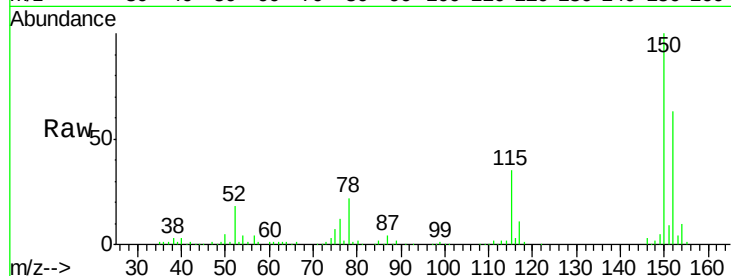
Tgt Ion:152 Resp: 158607

Ion Ratio Lower Upper

152 100

150 157.5 124.9 187.3

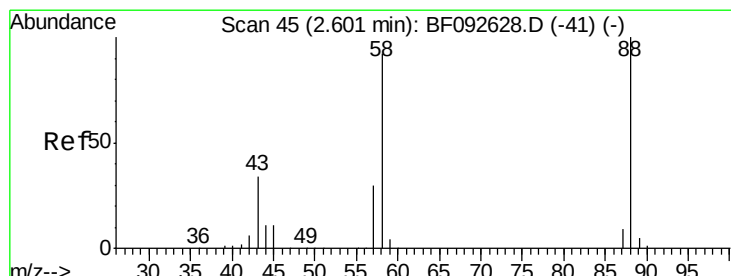
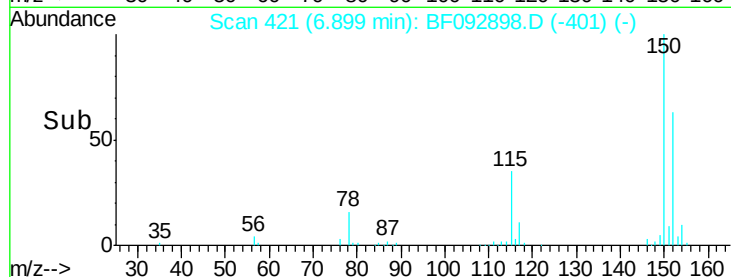
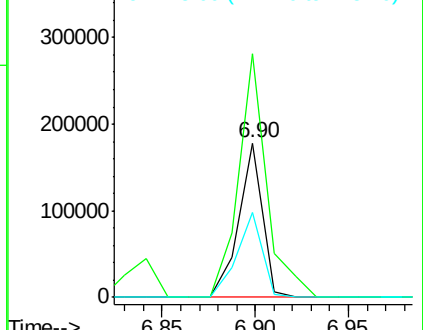
115 55.1 46.0 69.0



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: 29.84 ng

RT: 2.66 min Scan# 50

Delta R.T. 0.06 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

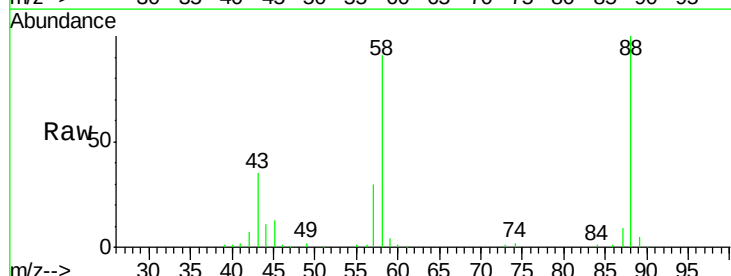
Tgt Ion: 88 Resp: 149051

Ion Ratio Lower Upper

88 100

58 84.8 57.8 86.8

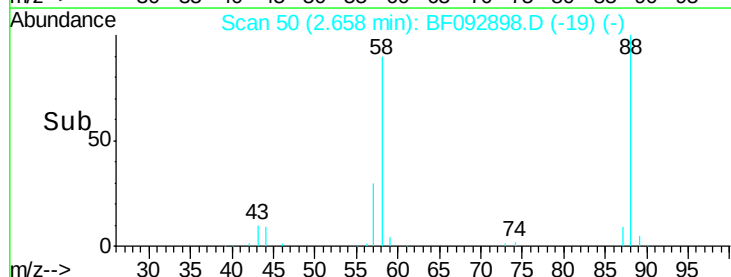
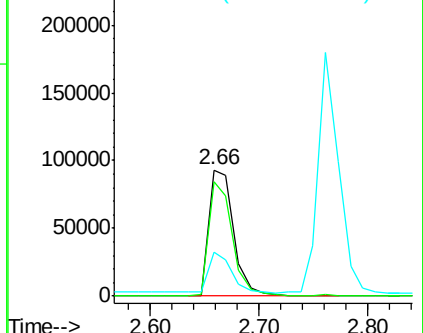
43 0.0 22.3 33.5#

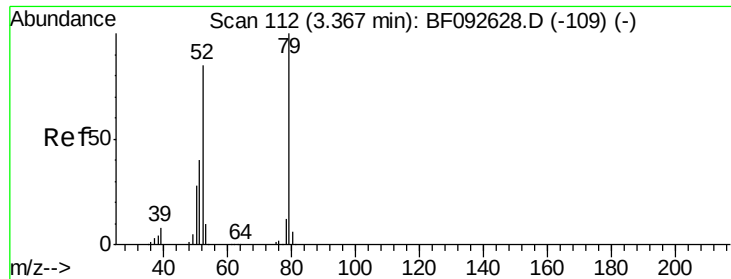


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.05 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.02 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

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ClientSampleId :

9717MS

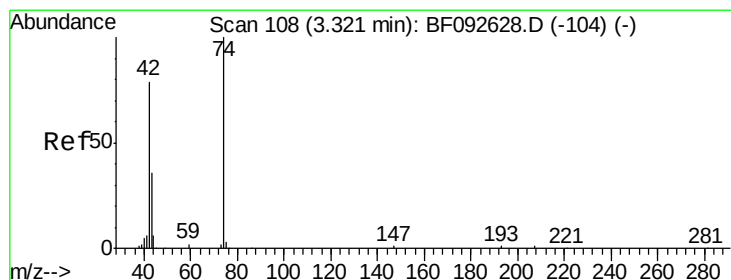
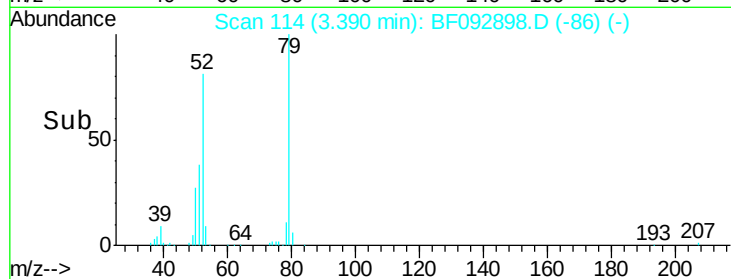
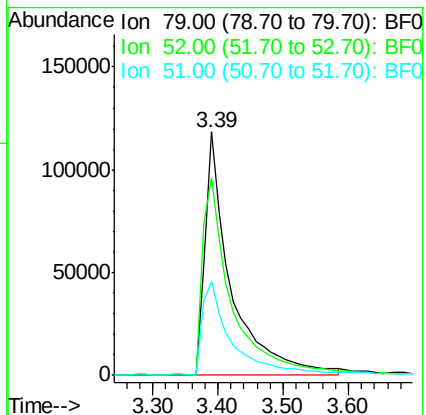
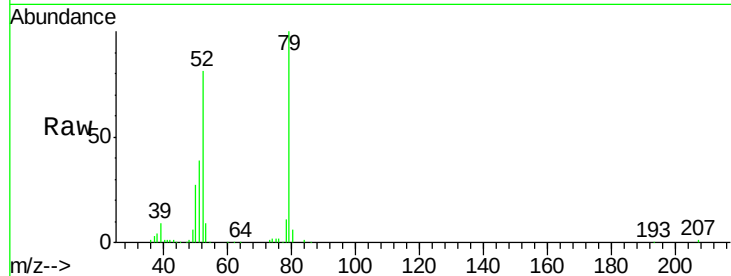
Tgt Ion: 79 Resp: 330870

Ion Ratio Lower Upper

79 100

52 81.4 57.1 85.7

51 38.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 35.59 ng

RT: 3.31 min Scan# 107

Delta R.T. -0.01 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

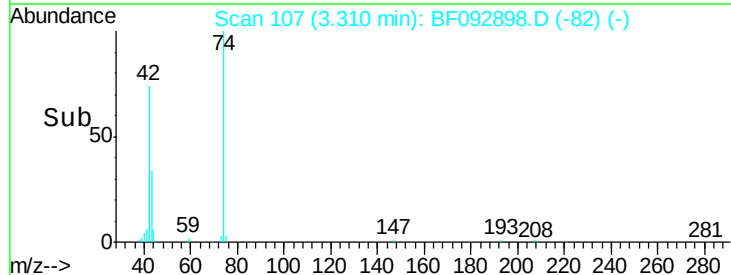
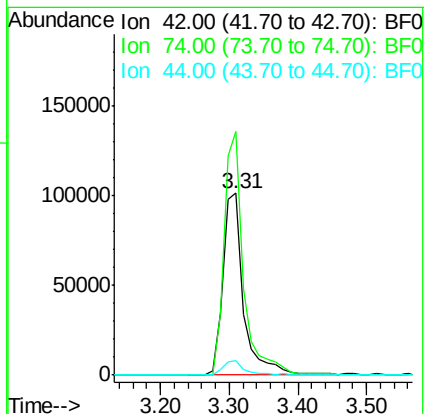
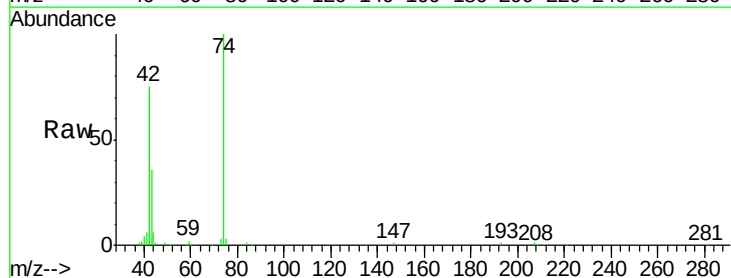
Tgt Ion: 42 Resp: 212261

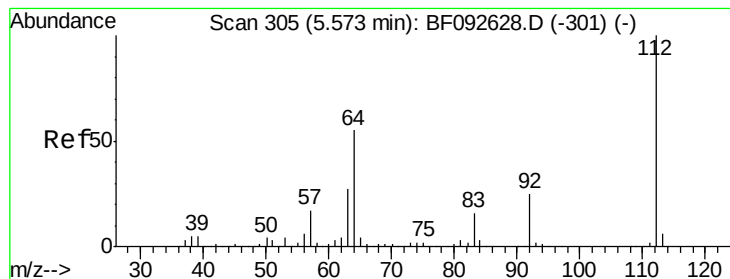
Ion Ratio Lower Upper

42 100

74 133.7 117.0 175.4

44 7.8 5.5 8.3





#5

2-Fluorophenol

Concen: 121.24 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.06 min

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Acq: 10 Feb 2017 22:12

Instrument :

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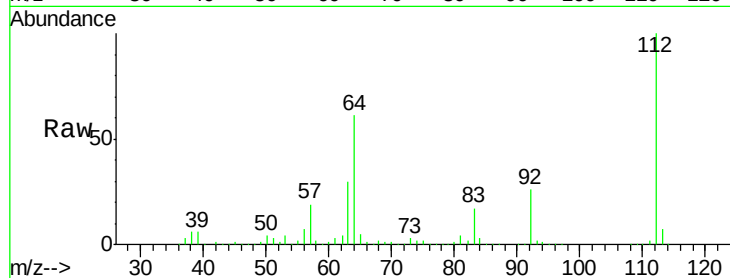
Tgt Ion: 112 Resp: 1120867

Ion Ratio Lower Upper

112 100

64 61.2 46.1 69.1

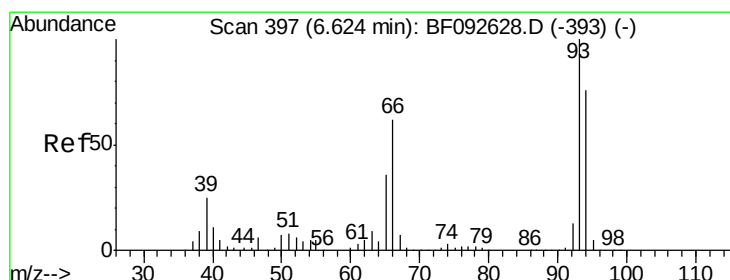
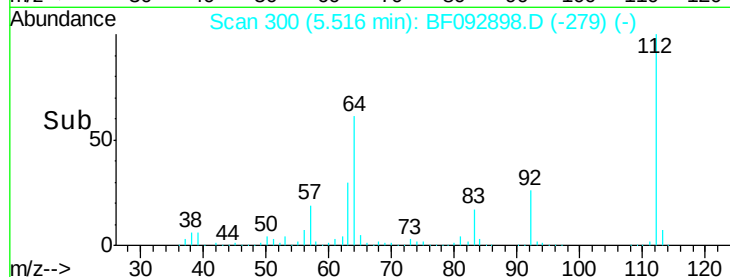
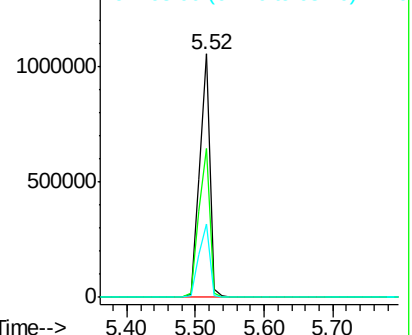
63 30.3 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.15 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

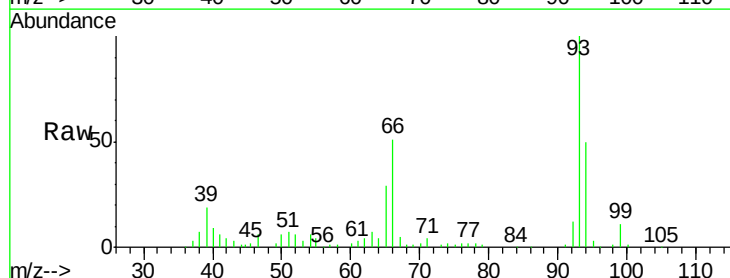
Tgt Ion: 93 Resp: 164665

Ion Ratio Lower Upper

93 100

66 51.4 76.2 114.2#

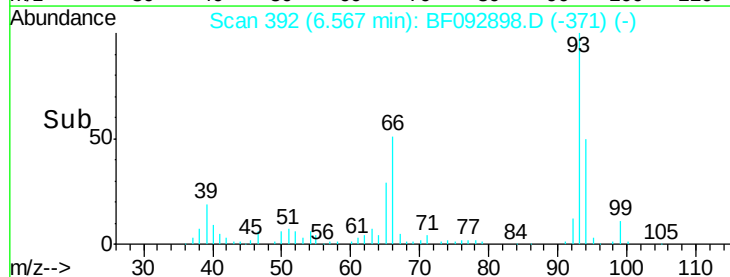
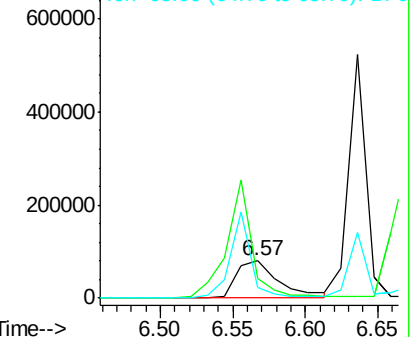
65 29.3 49.3 73.9#

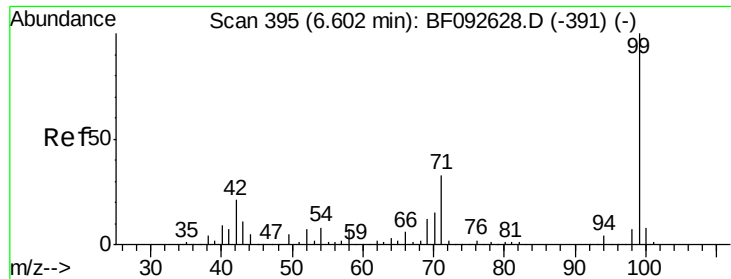


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.81 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.06 min

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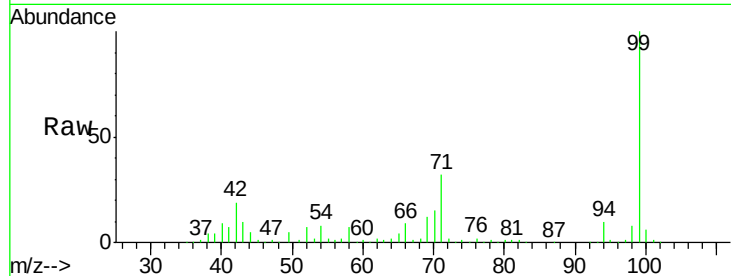
Tgt Ion: 99 Resp: 1282452

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

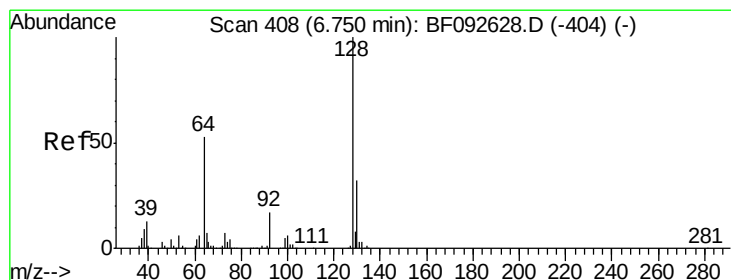
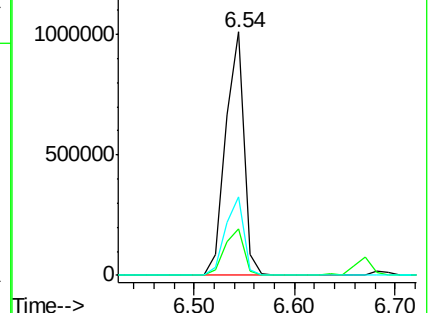
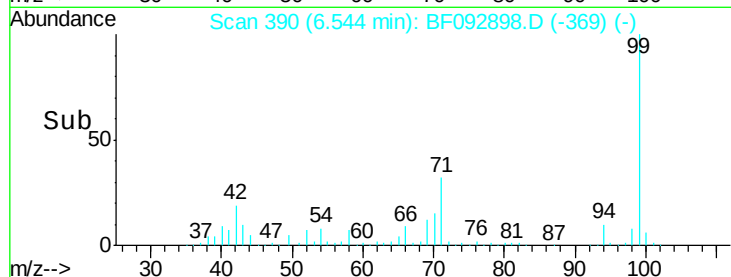
71 32.2 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.09 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

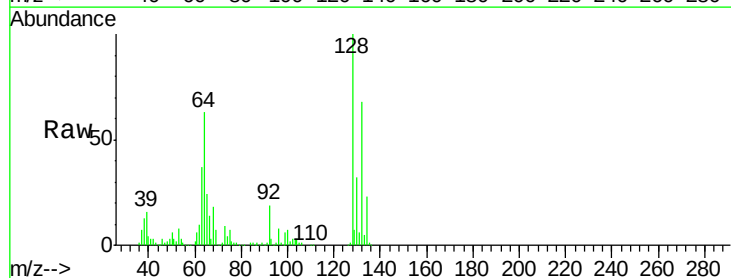
Tgt Ion: 128 Resp: 419034

Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

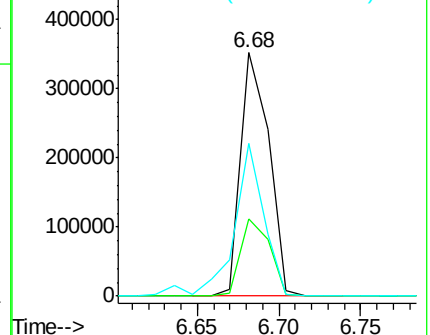
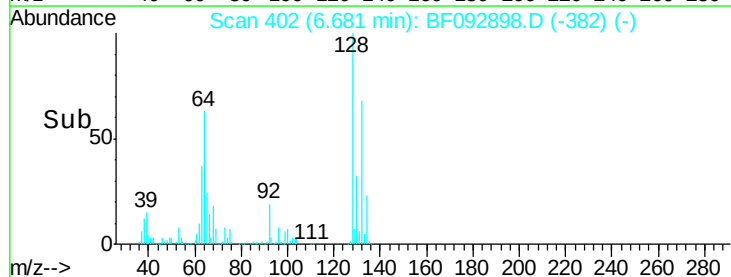
64 62.6 32.2 72.2

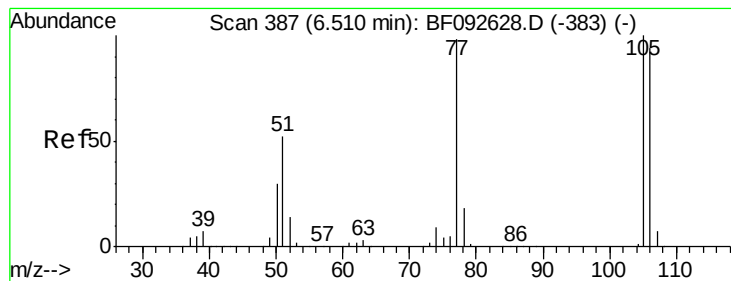


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.15 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

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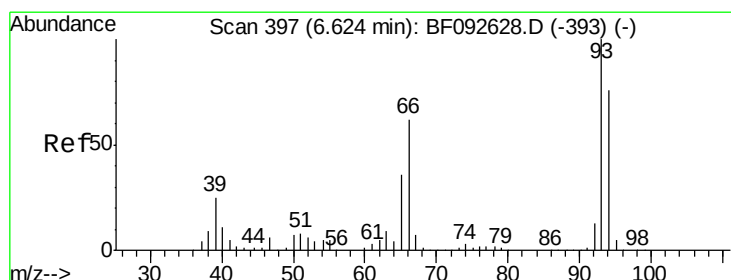
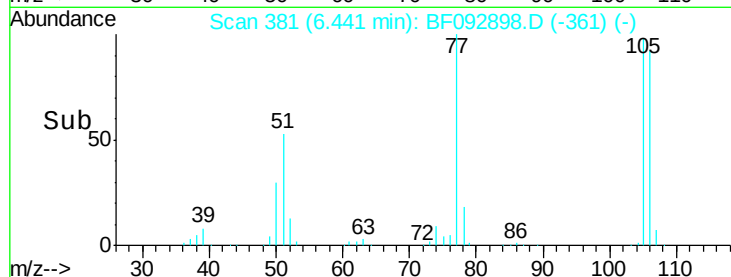
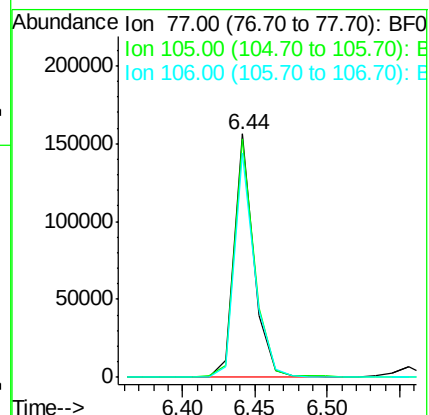
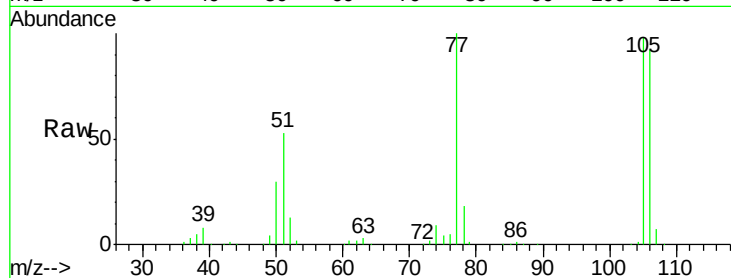
Tgt Ion: 77 Resp: 146185

Ion Ratio Lower Upper

77 100

105 97.9 83.9 123.9

106 92.4 77.6 117.6



#10

Phenol

Concen: 39.74 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

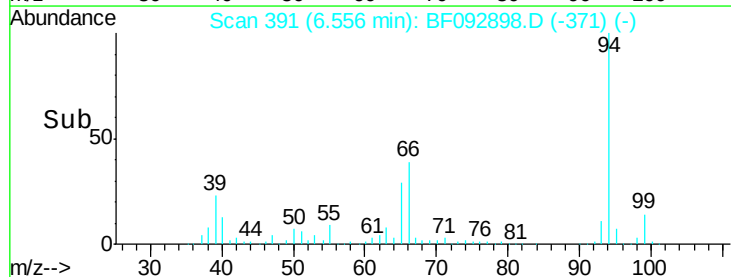
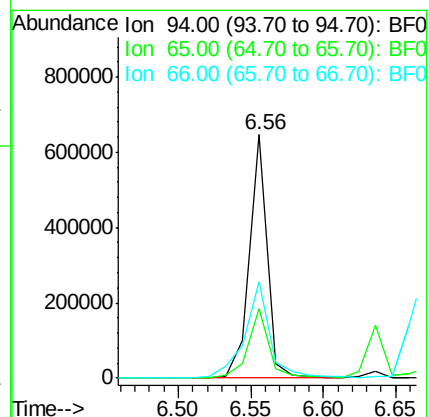
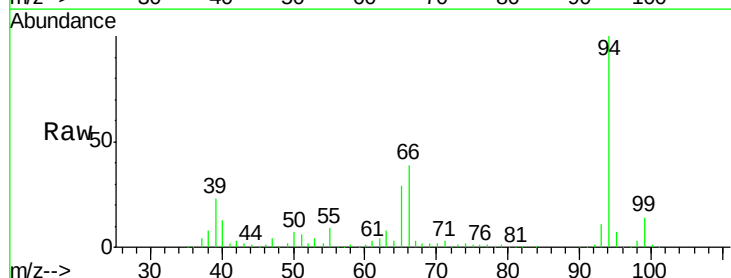
Tgt Ion: 94 Resp: 553076

Ion Ratio Lower Upper

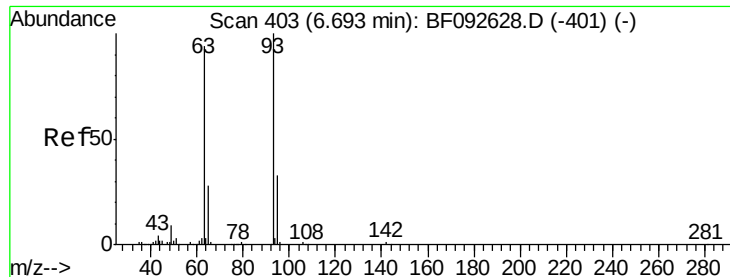
94 100

65 28.7 21.4 61.4

66 39.4 44.0 84.0#



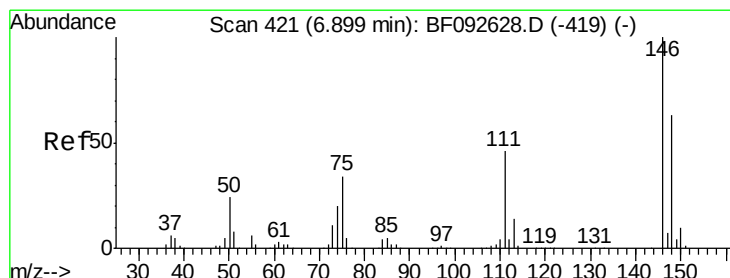
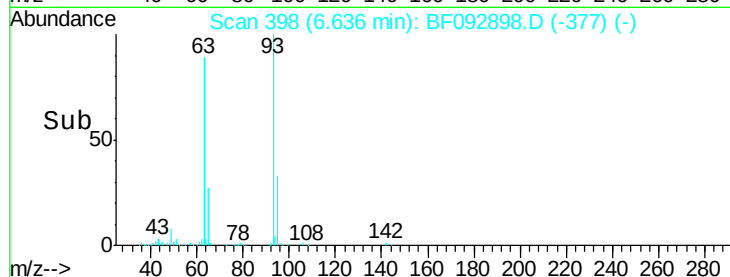
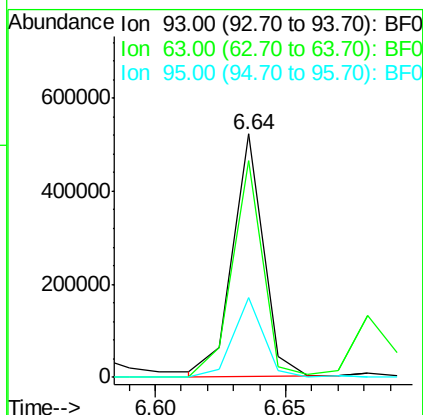
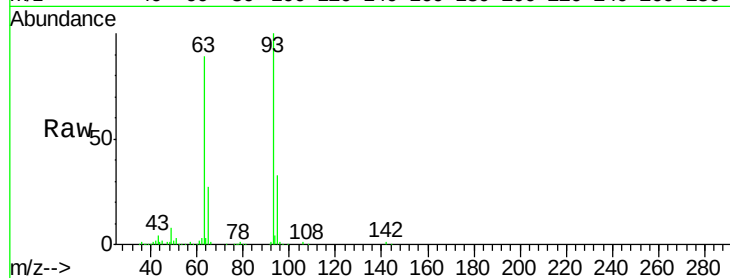




#11  
bis(2-Chloroethyl)ether  
Concen: 38.74 ng  
RT: 6.64 min Scan# 398  
Delta R.T. -0.06 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

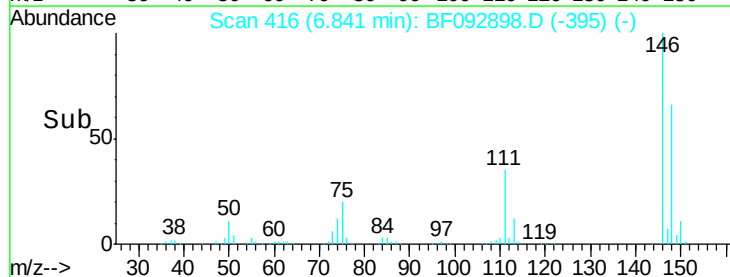
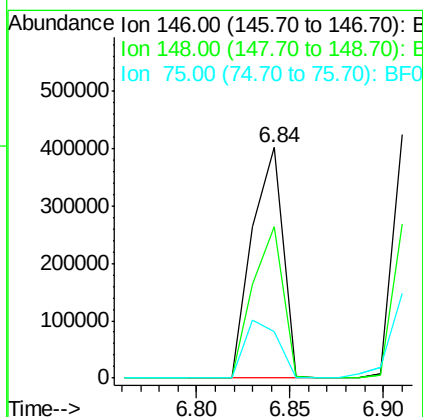
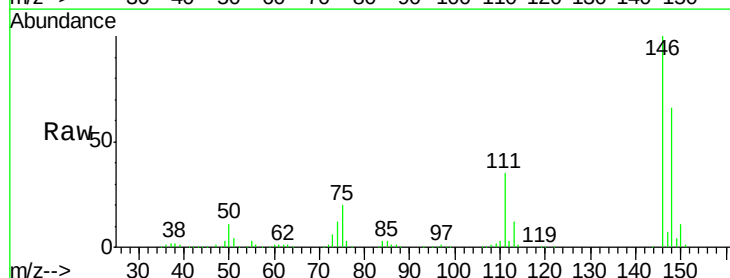
Instrument :  
BNA\_F  
ClientSampleId :  
9717MS

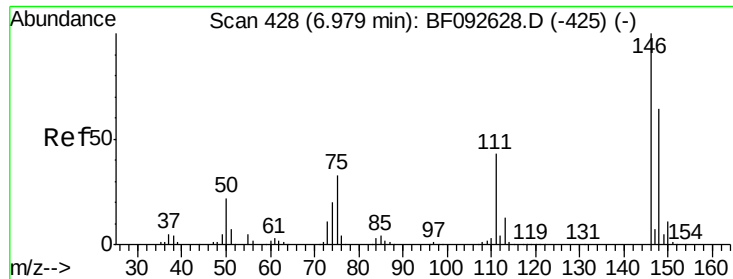
Tgt Ion: 93 Resp: 430352  
Ion Ratio Lower Upper  
93 100  
63 88.9 60.4 100.4  
95 32.5 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 38.55 ng  
RT: 6.84 min Scan# 416  
Delta R.T. -0.06 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

Tgt Ion: 146 Resp: 460468  
Ion Ratio Lower Upper  
146 100  
148 65.7 53.4 80.0  
75 20.4 18.5 27.7

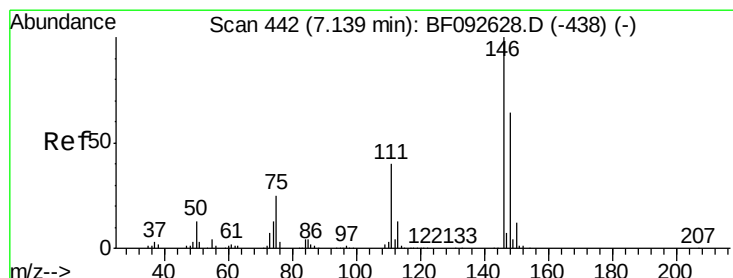
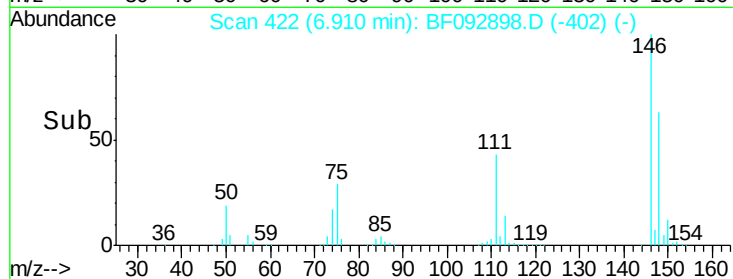
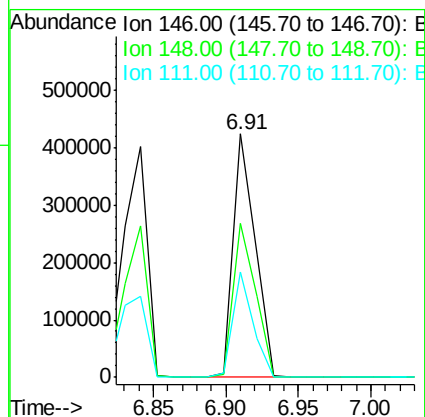
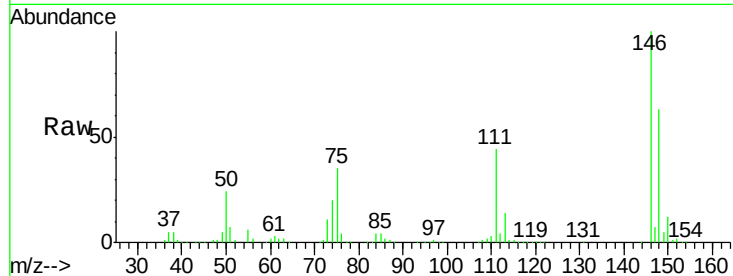




#13  
 1,4-Dichlorobenzene  
 Concen: 36.95 ng  
 RT: 6.91 min Scan# 422  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

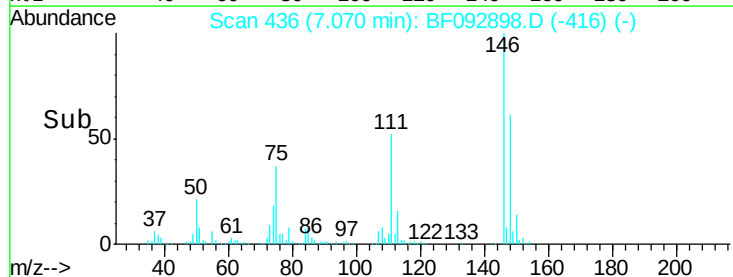
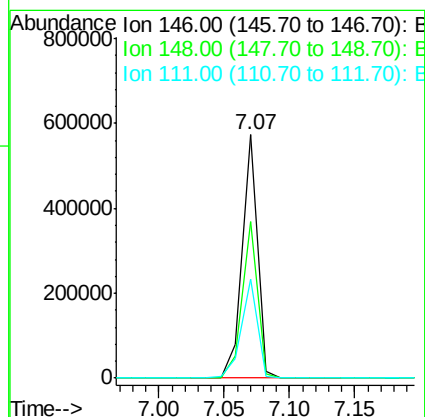
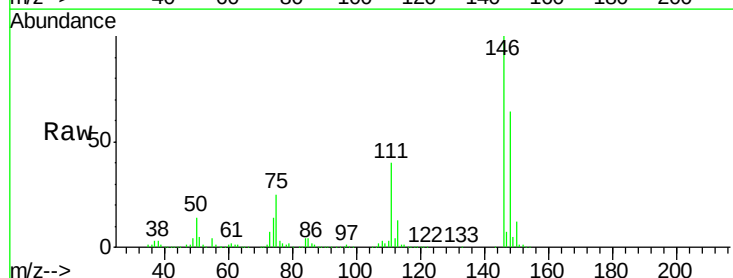
Instrument :  
 BNA\_F  
 ClientSampleId :  
 9717MS

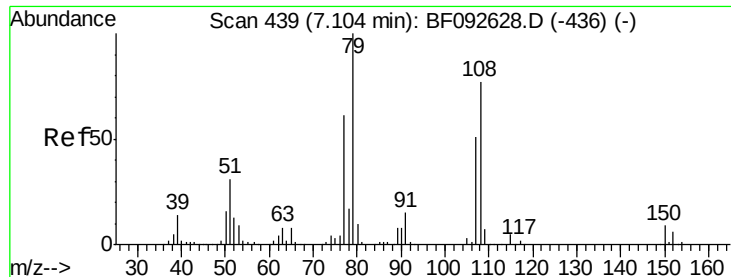
Tgt Ion:146 Resp: 446731  
 Ion Ratio Lower Upper  
 146 100  
 148 63.0 50.6 76.0  
 111 43.5 36.2 54.4



#14  
 1,2-Dichlorobenzene  
 Concen: 39.76 ng  
 RT: 7.07 min Scan# 436  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

Tgt Ion:146 Resp: 459645  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 52.2 78.2  
 111 40.4 36.2 54.2





#15

Benzyl Alcohol

Concen: 44.21 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.06 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Instrument :

BNA\_F

ClientSampled :

9717MS

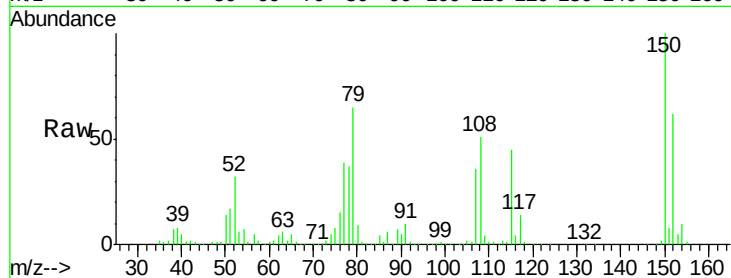
Tgt Ion: 79 Resp: 389286

Ion Ratio Lower Upper

79 100

108 79.0 61.4 92.0

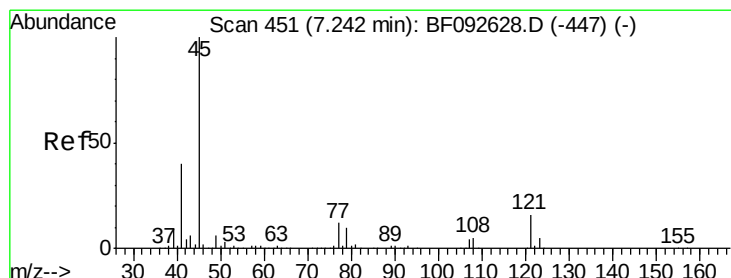
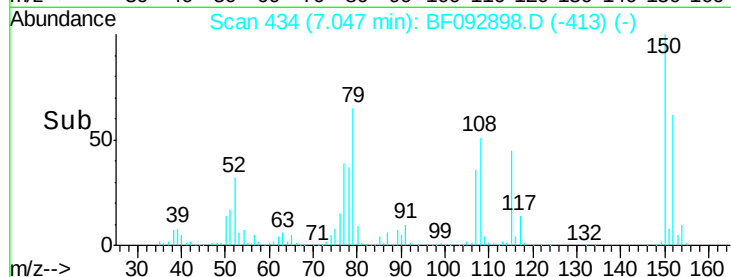
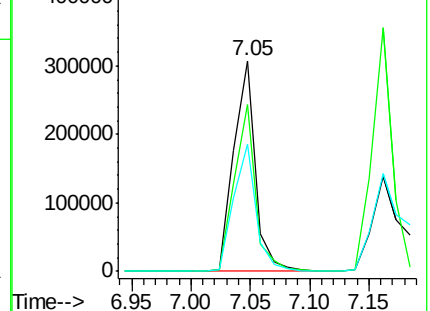
77 60.6 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.64 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.06 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

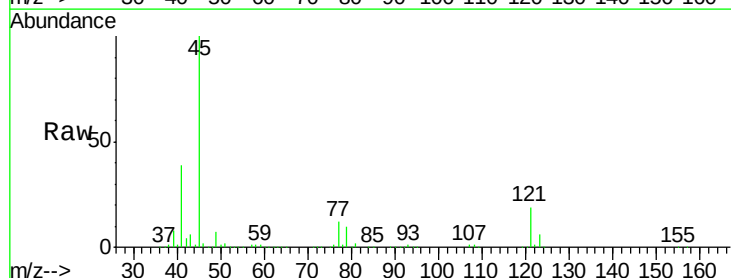
Tgt Ion: 45 Resp: 784213

Ion Ratio Lower Upper

45 100

77 12.3 0.0 34.6

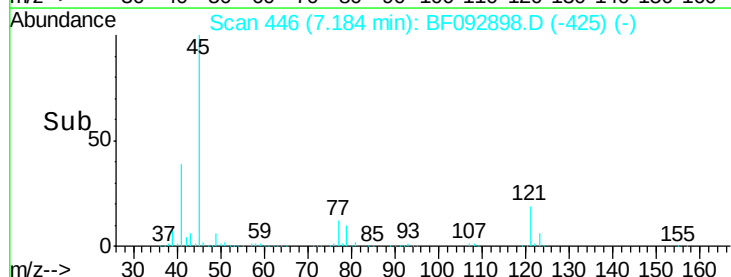
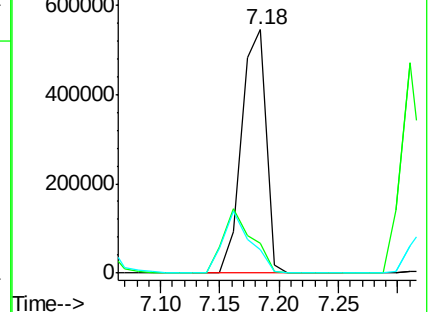
79 9.7 0.0 31.2

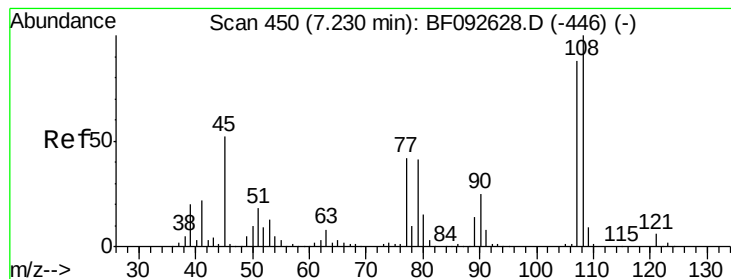


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

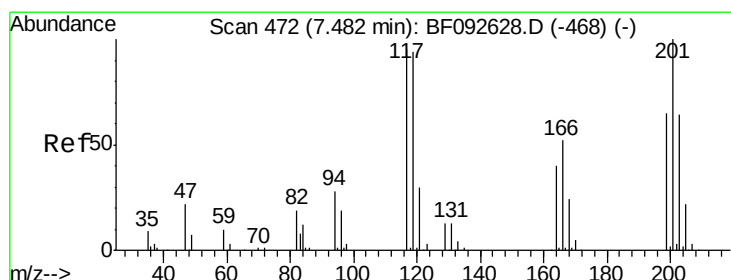
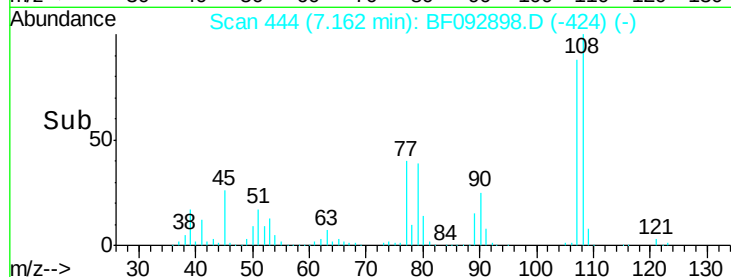
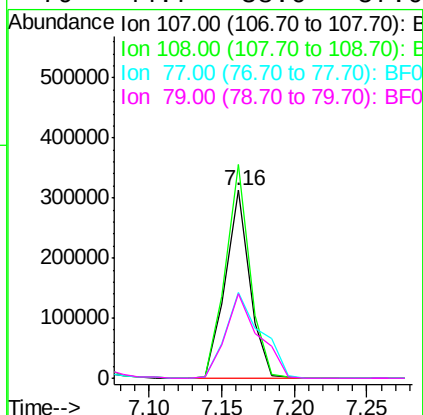
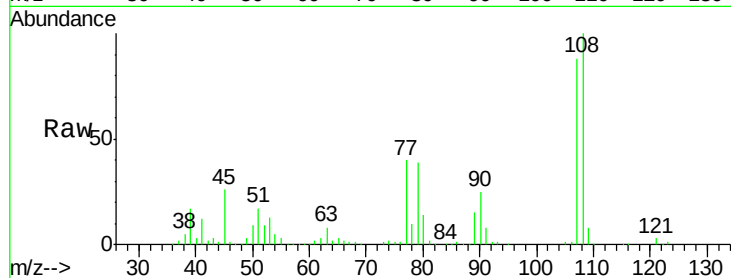




#17  
 2-Methylphenol  
 Concen: 41.97 ng  
 RT: 7.16 min Scan# 444  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

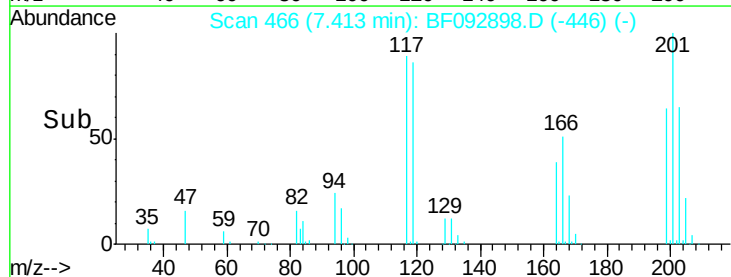
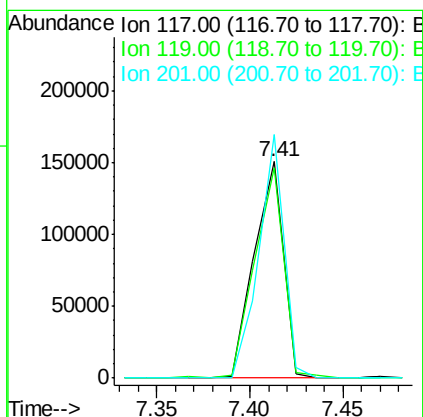
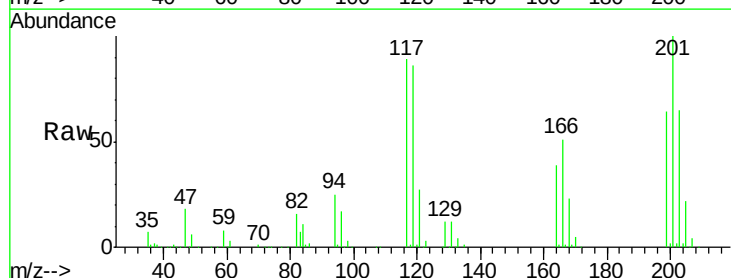
Instrument :  
 BNA\_F  
 ClientSampleId :  
 9717MS

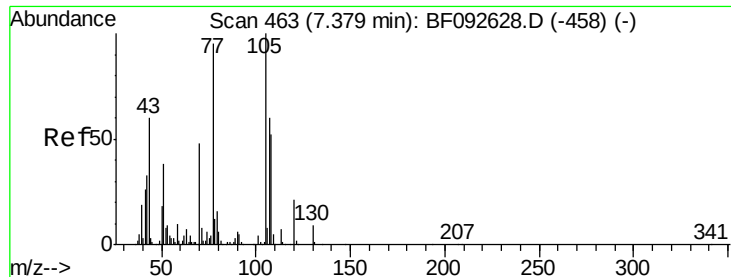
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 367258 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.7 | 93.0  | 139.6  |
| 77       | 45.9  | 39.8  | 59.8   |
| 79       | 44.7  | 38.0  | 57.0   |



#18  
 Hexachloroethane  
 Concen: 39.35 ng  
 RT: 7.41 min Scan# 466  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 162403 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.9  | 78.1  | 117.1  |
| 201      | 112.4 | 78.6  | 117.8  |

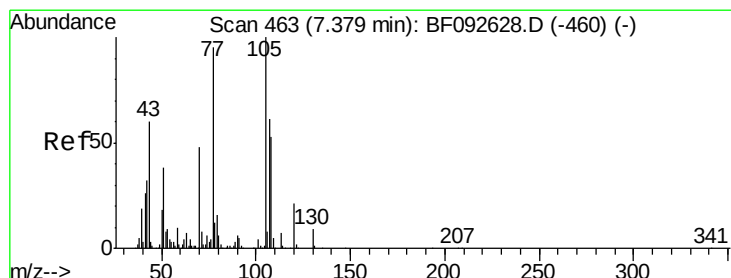
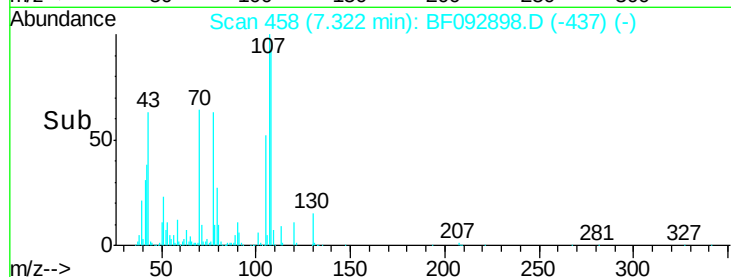
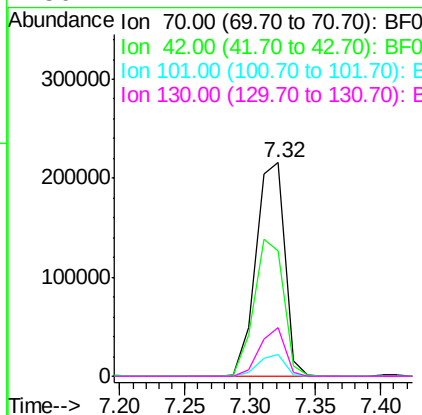
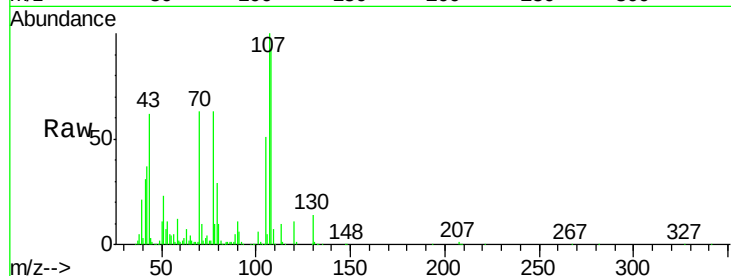




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.28 ng  
RT: 7.32 min Scan# 458  
Delta R.T. -0.06 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

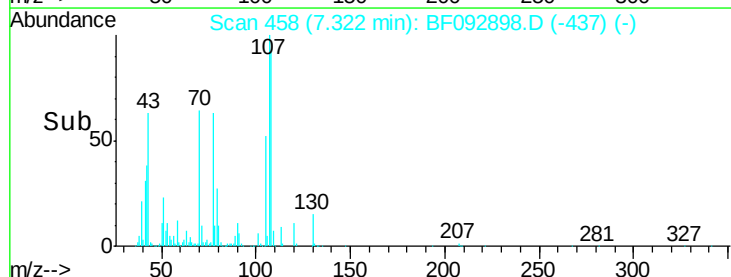
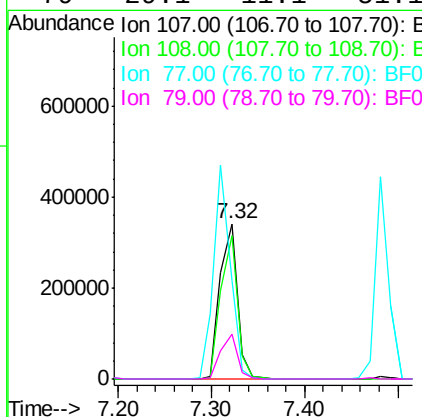
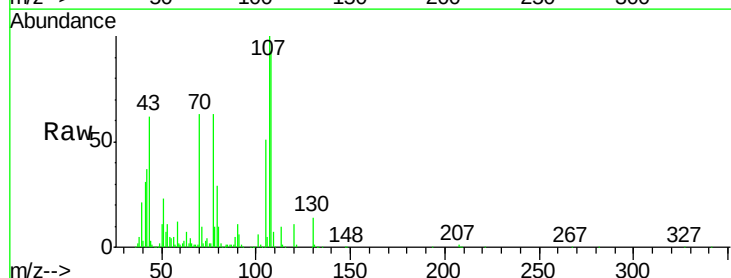
Instrument :  
BNA\_F  
ClientSampleId :  
9717MS

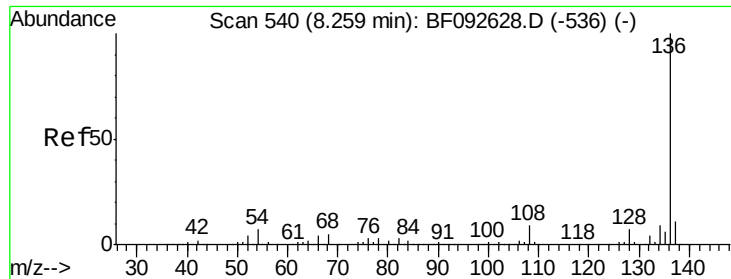
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 70      | 100  |       |       |
| 42      | 58.9 | 49.4  | 74.0  |
| 101     | 10.0 | 7.4   | 11.2  |
| 130     | 22.7 | 14.2  | 21.4  |



#20  
3+4-Methylphenols  
Concen: 42.22 ng  
RT: 7.32 min Scan# 458  
Delta R.T. -0.06 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 107     | 100  |       |       |
| 108     | 92.8 | 73.0  | 113.0 |
| 77      | 63.3 | 71.3  | 111.3 |
| 79      | 29.1 | 11.1  | 51.1  |

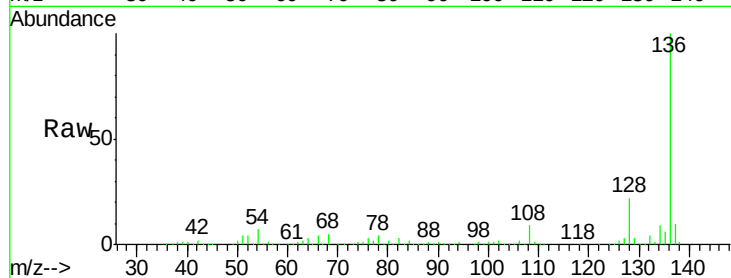




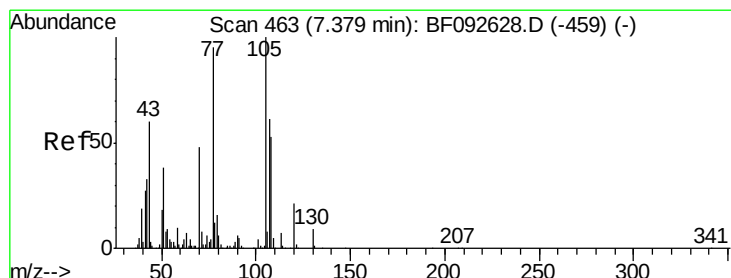
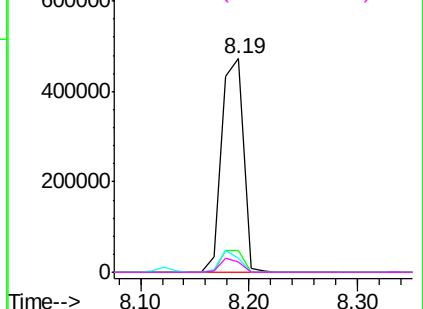
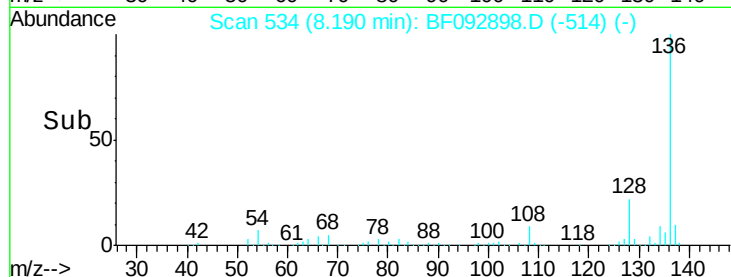
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.19 min Scan# 534  
Delta R.T. -0.07 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

Instrument :  
BNA\_F  
ClientSampleId :  
9717MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 653090 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.5  | 8.4   | 12.6   |
| 54       | 6.8   | 4.5   | 6.7#   |
| 68       | 5.1   | 3.6   | 5.4    |

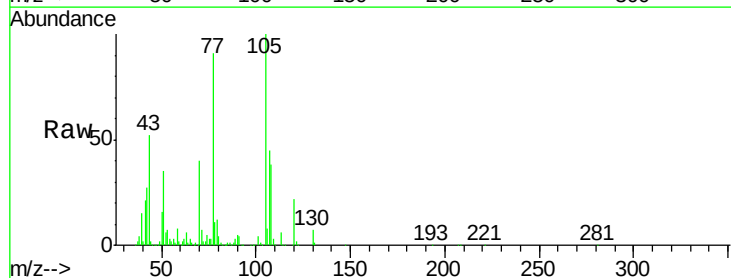


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

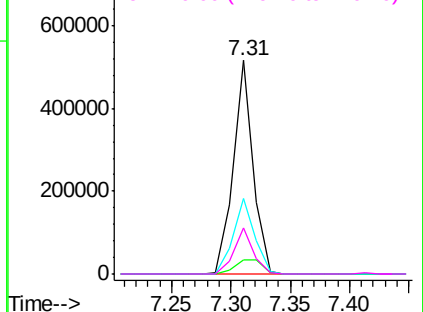
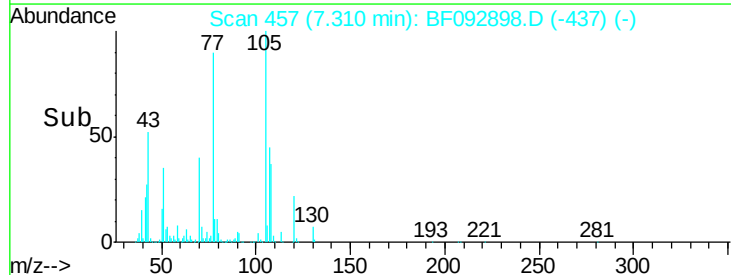


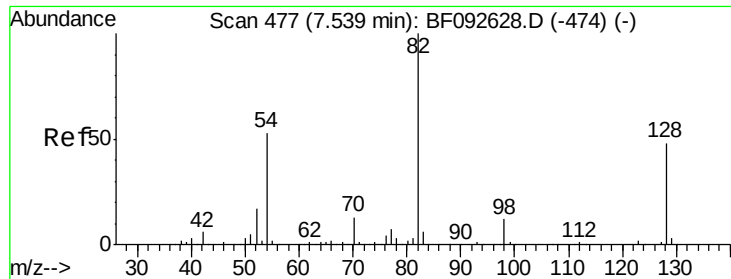
#22  
Acetophenone  
Concen: 40.06 ng  
RT: 7.31 min Scan# 457  
Delta R.T. -0.07 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 597287 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 6.6   | 3.2   | 4.8#   |
| 51       | 35.4  | 26.2  | 39.4   |
| 120      | 21.6  | 16.6  | 24.8   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF0  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 120.00 (119.70 to 120.70): E

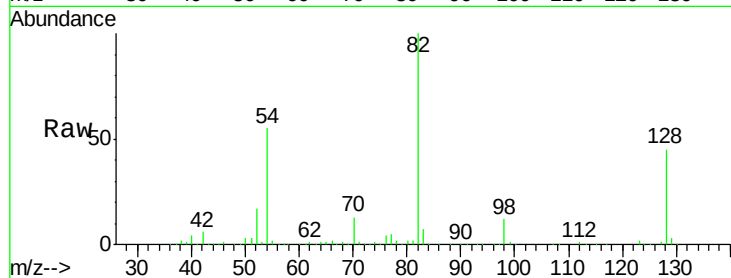




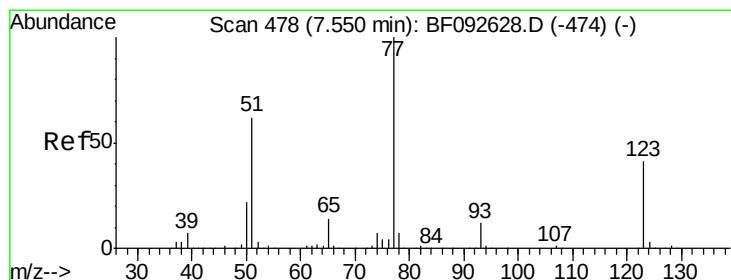
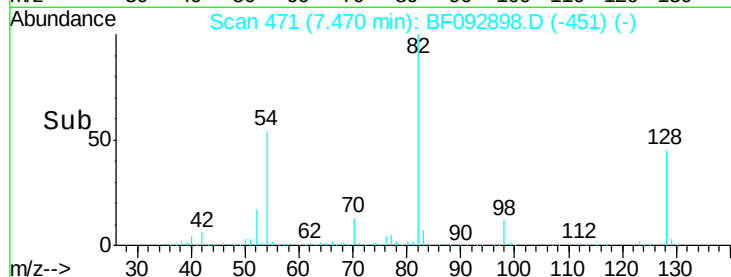
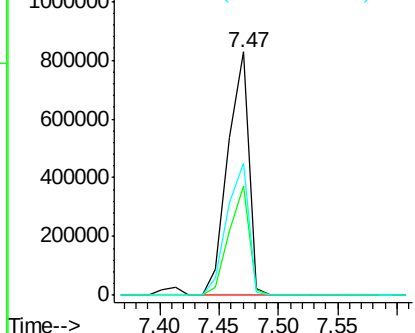
#23  
 Nitrobenzene-d5  
 Concen: 86.69 ng  
 RT: 7.47 min Scan# 471  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 9717MS

Tgt Ion: 82 Resp: 1016726  
 Ion Ratio Lower Upper  
 82 100  
 128 44.8 34.6 52.0  
 54 54.5 39.5 59.3

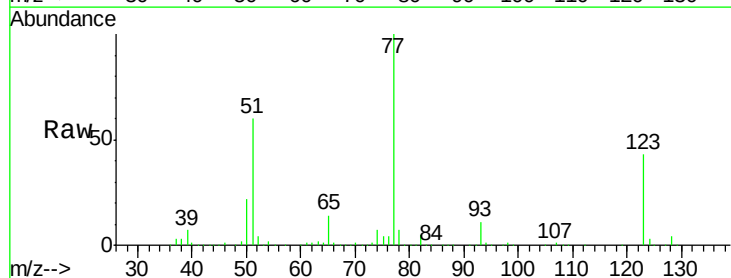


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): BF0  
 Ion 54.00 (53.70 to 54.70): BF0

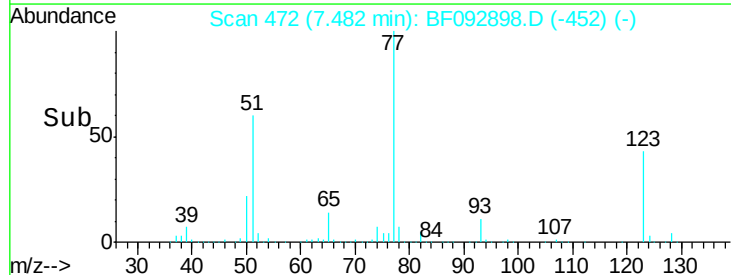
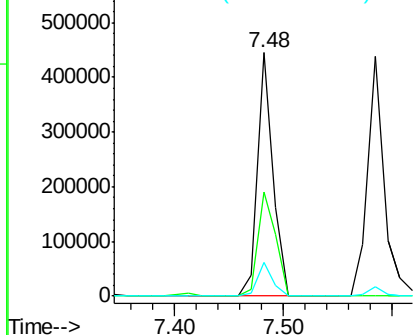


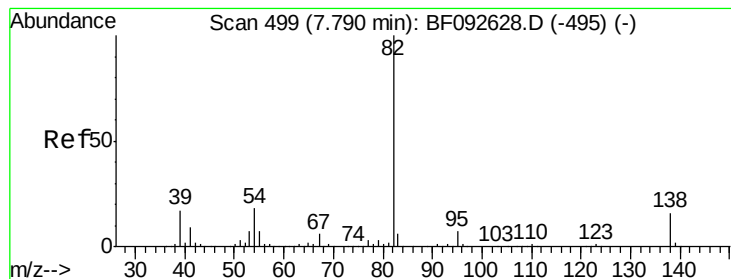
#24  
 Nitrobenzene  
 Concen: 36.97 ng  
 RT: 7.48 min Scan# 472  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

Tgt Ion: 77 Resp: 445161  
 Ion Ratio Lower Upper  
 77 100  
 123 42.7 33.0 49.4  
 65 13.9 11.2 16.8



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





#25

Isophorone

Concen: 43.07 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Instrument :

BNA\_F

ClientSampleId :

9717MS

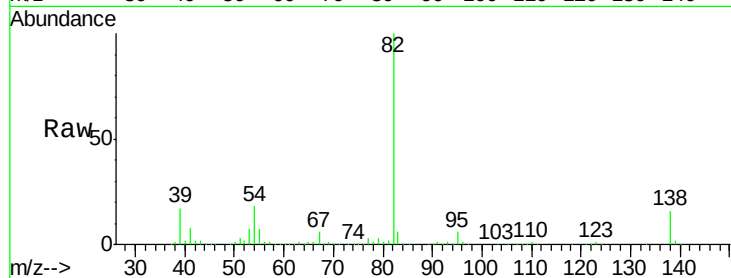
Tgt Ion: 82 Resp: 941308

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

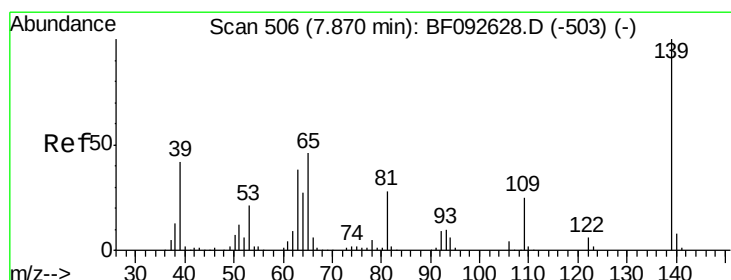
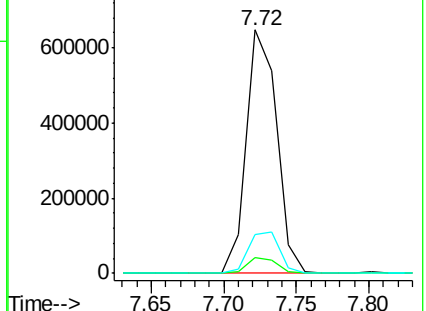
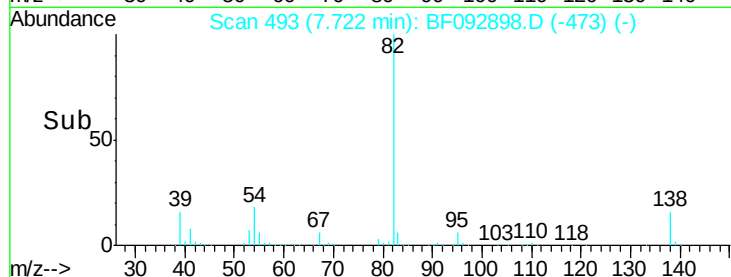
138 16.0 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.16 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

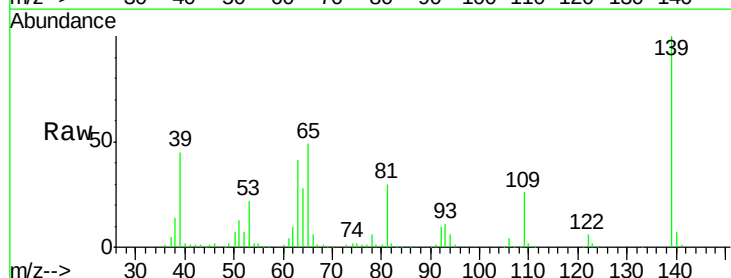
Tgt Ion: 139 Resp: 247067

Ion Ratio Lower Upper

139 100

109 25.6 23.3 34.9

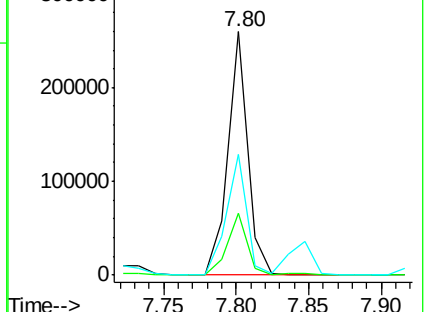
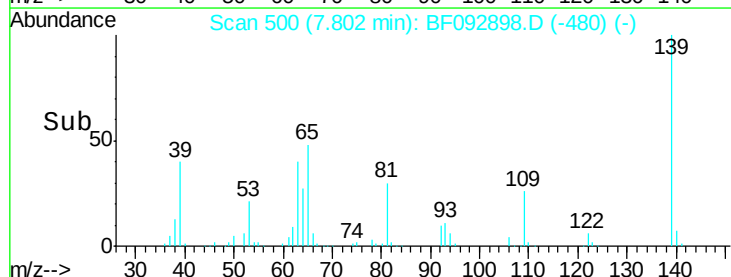
65 49.4 42.7 64.1



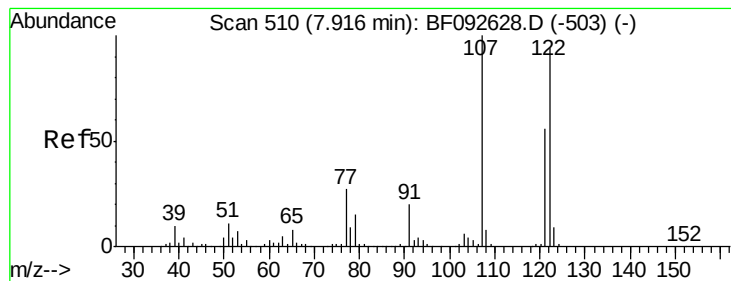
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0







#27

2,4-Dimethylphenol

Concen: 44.84 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Instrument :

BNA\_F

ClientSampleId :

9717MS

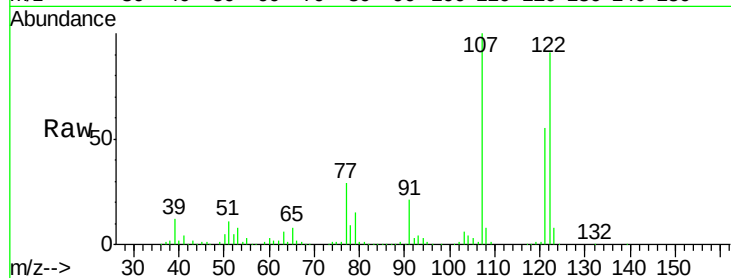
Tgt Ion:122 Resp: 450818

Ion Ratio Lower Upper

122 100

107 110.1 94.1 141.1

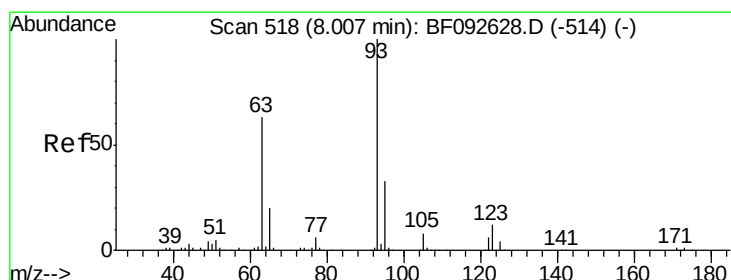
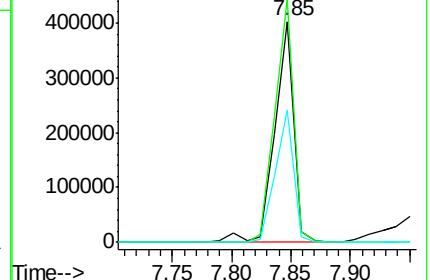
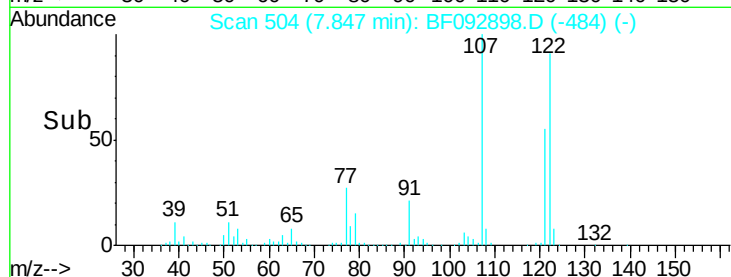
121 60.0 46.0 69.0



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: 43.35 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

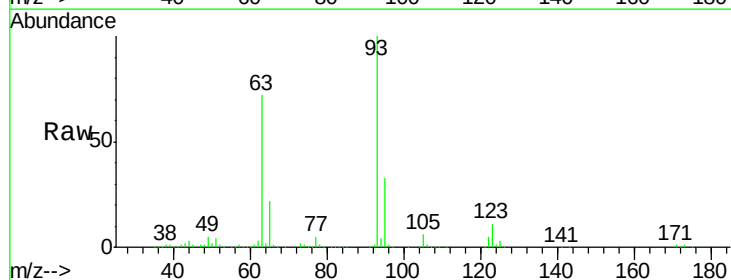
Tgt Ion: 93 Resp: 627445

Ion Ratio Lower Upper

93 100

95 33.4 26.5 39.7

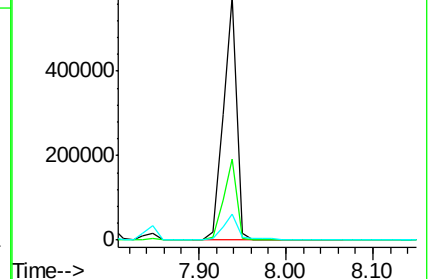
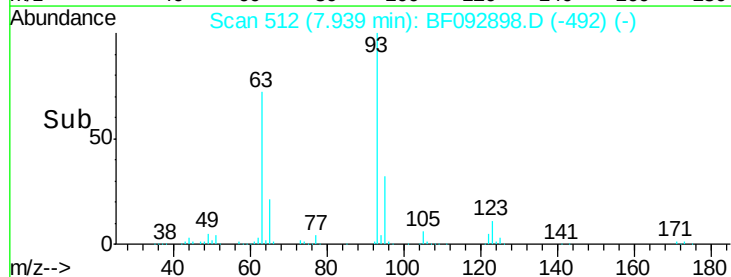
123 10.9 8.6 13.0

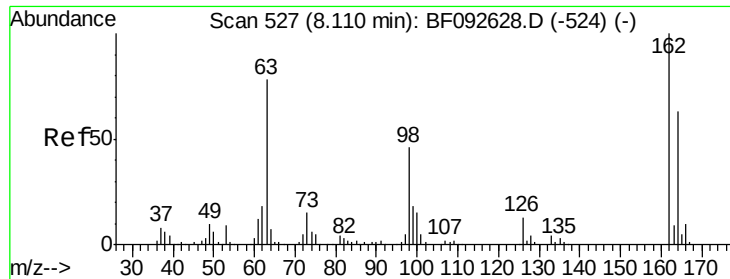


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

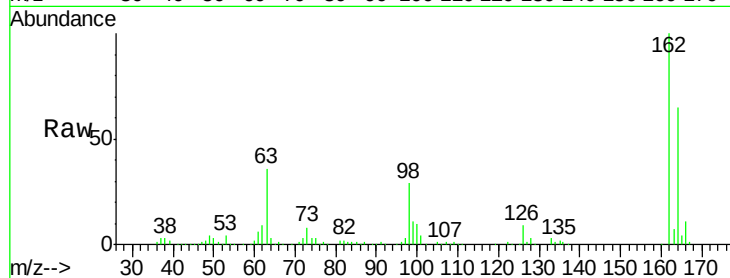




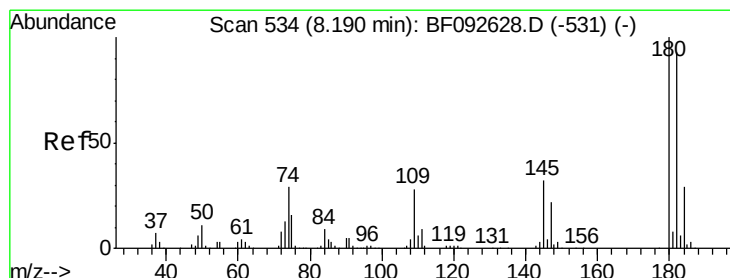
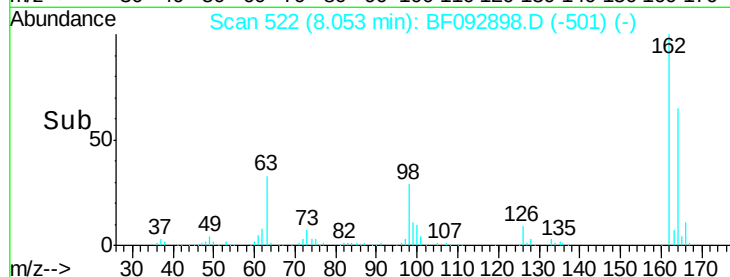
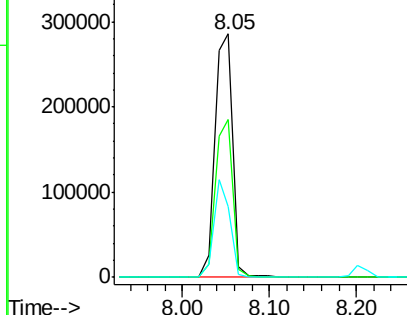
#29  
 2,4-Dichlorophenol  
 Concen: 43.85 ng  
 RT: 8.05 min Scan# 522  
 Delta R.T. -0.06 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 9717MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.8  | 46.8  | 86.8  |
| 98      | 28.9  | 9.1   | 49.1  |

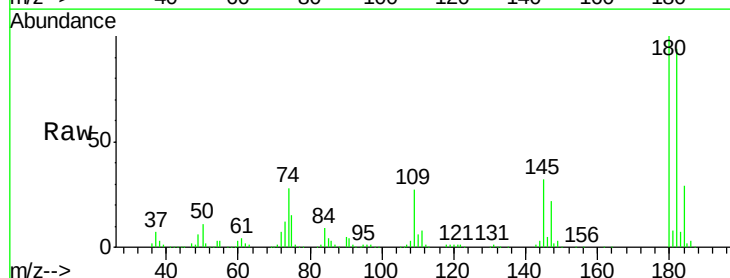


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

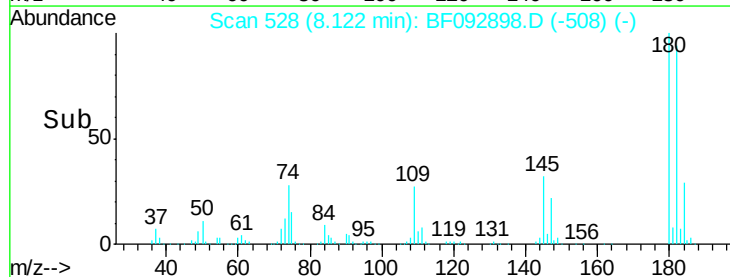
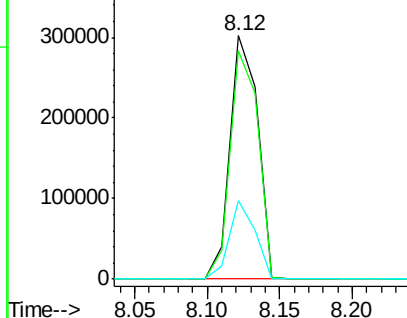


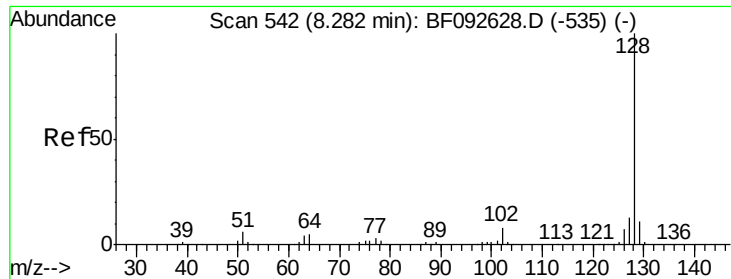
#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.69 ng  
 RT: 8.12 min Scan# 528  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.7  | 78.2  | 117.4 |
| 145     | 32.3  | 21.6  | 32.4  |



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

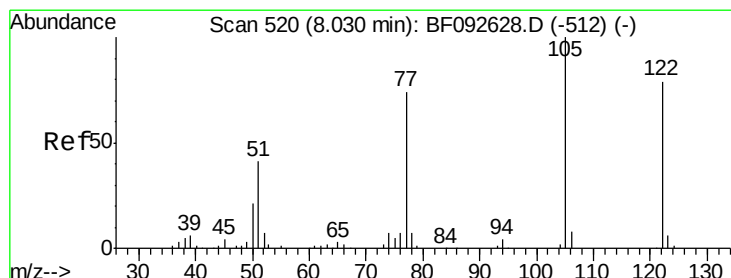
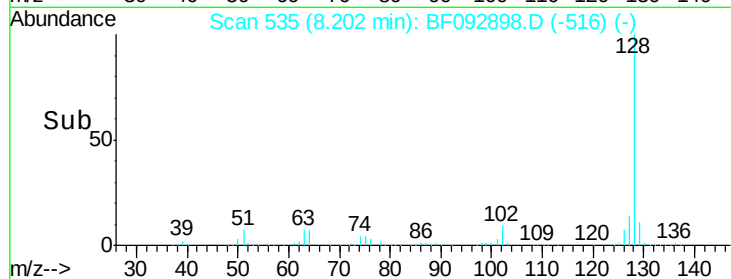
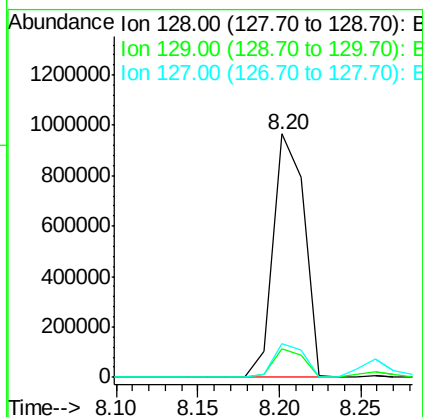
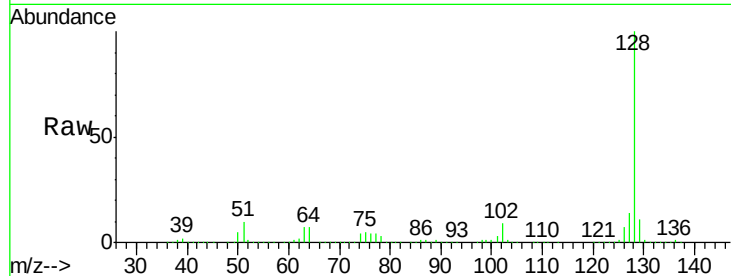




#31  
Naphthalene  
Concen: 38.78 ng  
RT: 8.20 min Scan# 535  
Delta R.T. -0.08 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

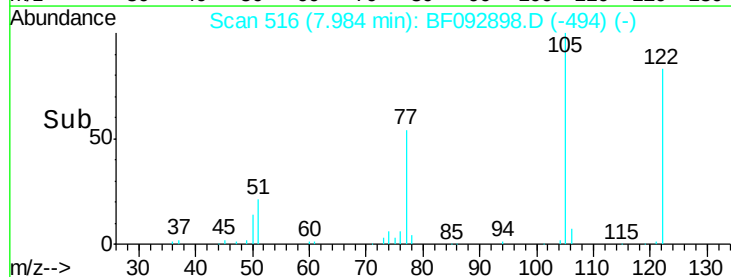
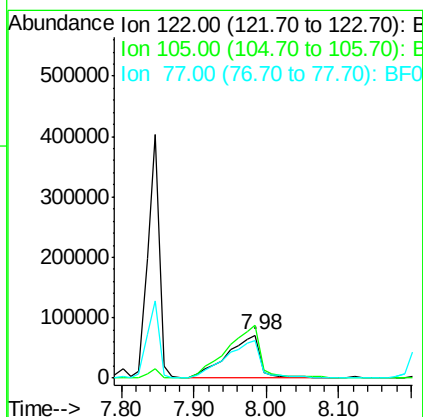
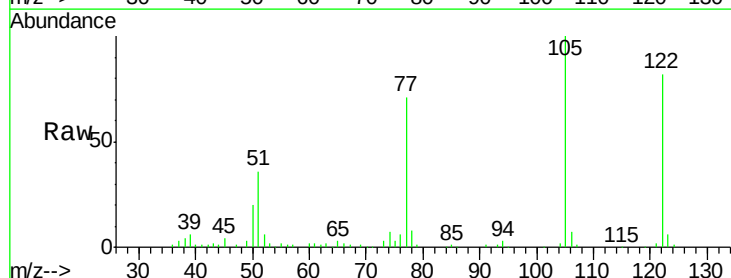
Instrument :  
BNA\_F  
ClientSampleId :  
9717MS

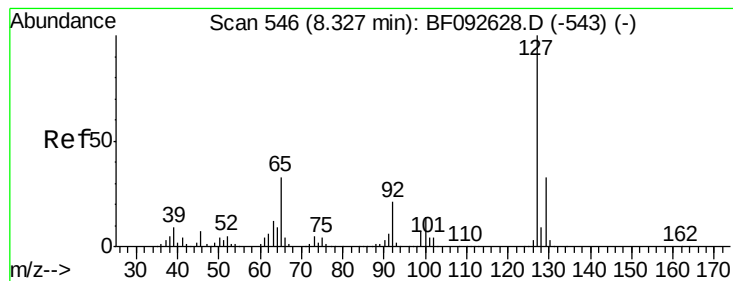
Tgt Ion:128 Resp: 1283760  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.5 14.3  
127 13.6 10.8 16.2



#32  
Benzoic acid  
Concen: 40.88 ng  
RT: 7.98 min Scan# 516  
Delta R.T. -0.05 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

Tgt Ion:122 Resp: 225721  
Ion Ratio Lower Upper  
122 100  
105 121.9 107.2 147.2  
77 87.1 74.5 114.5





#33

4-Chloroaniline

Concen: 8.17 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

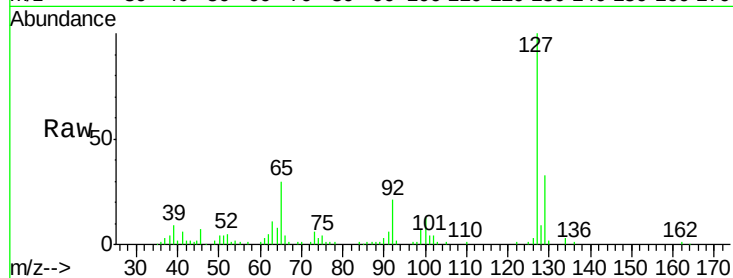
Instrument :

BNA\_F

ClientSampleId :

9717MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 106057 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.3  | 26.3  | 39.5   |
| 65       | 30.4  | 25.8  | 38.8   |
| 92       | 20.5  | 16.1  | 24.1   |



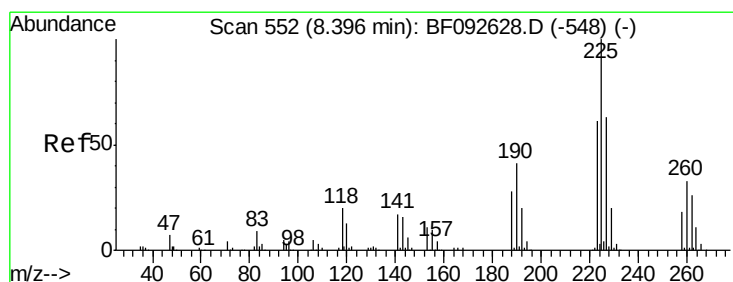
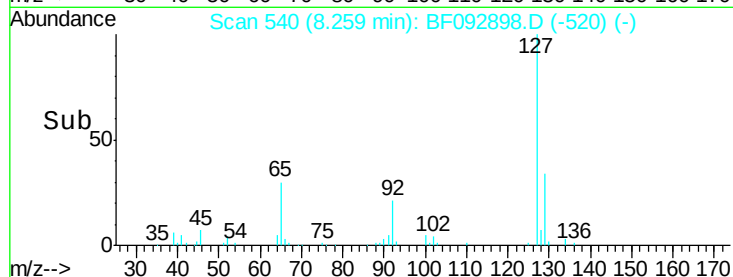
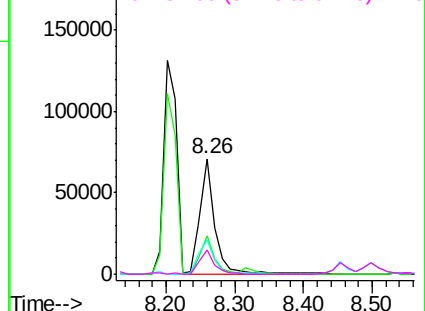
Abundance

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: 40.12 ng

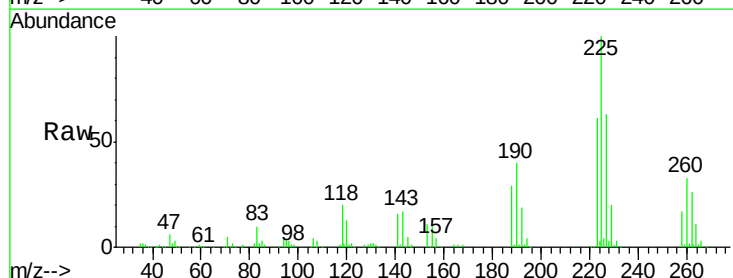
RT: 8.33 min Scan# 546

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 223009 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 60.7  | 51.0  | 76.6   |
| 227      | 63.1  | 50.6  | 76.0   |

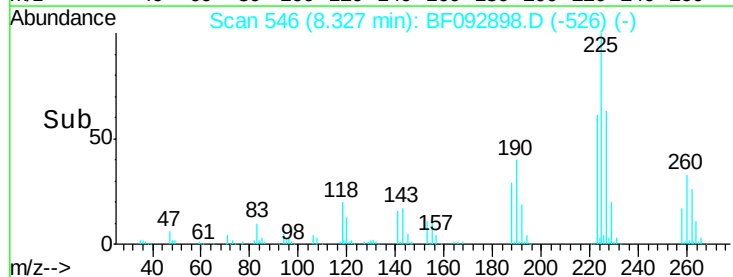
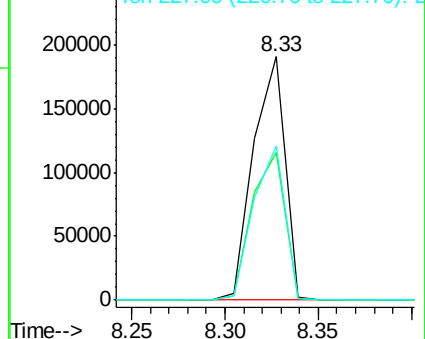


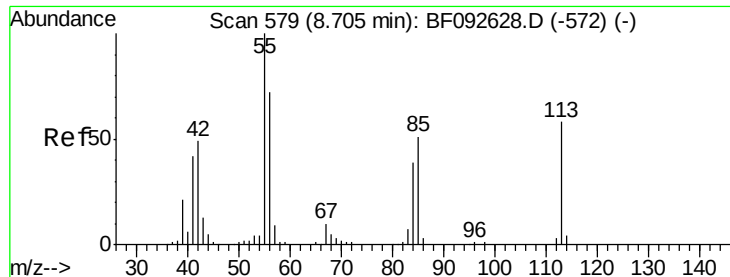
Abundance

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

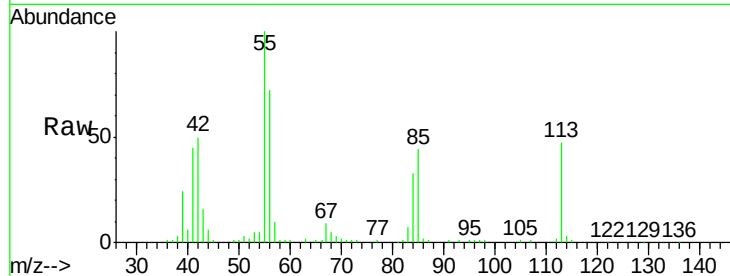




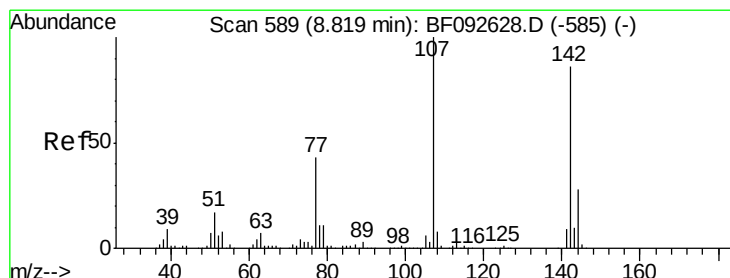
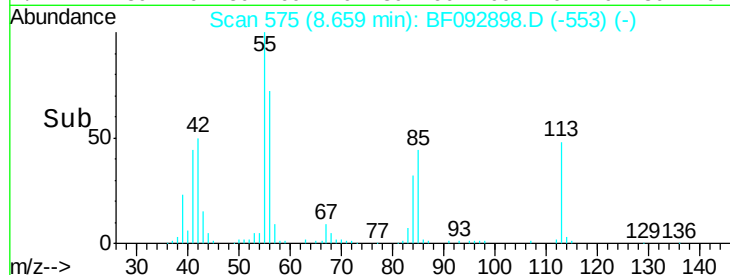
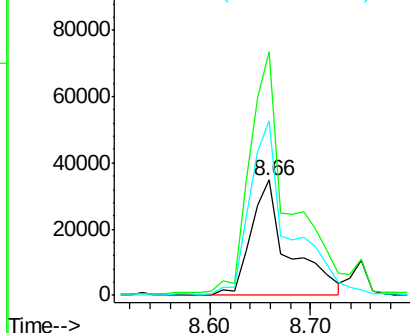
#35  
 Caprolactam  
 Concen: 31.05 ng  
 RT: 8.66 min Scan# 575  
 Delta R.T. -0.05 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 9717MS

Tgt Ion:113 Resp: 91565  
 Ion Ratio Lower Upper  
 113 100  
 55 210.8 119.2 159.2#  
 56 151.6 83.8 123.8#

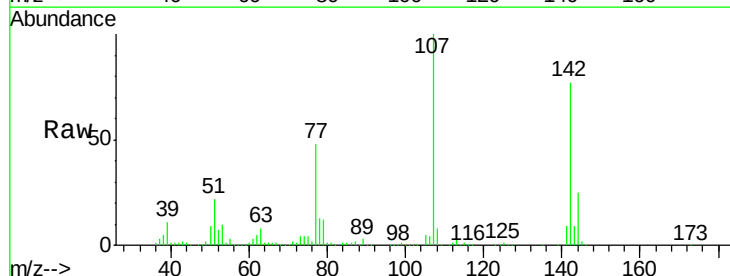


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

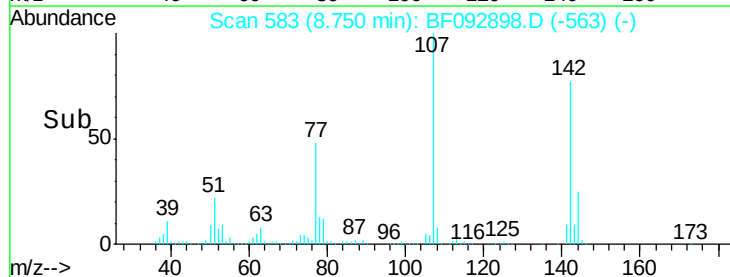
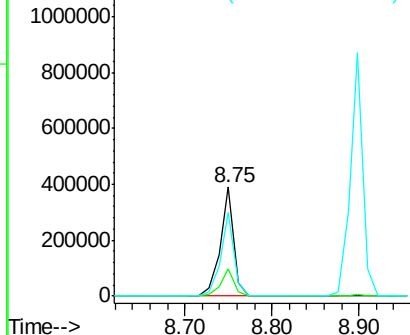


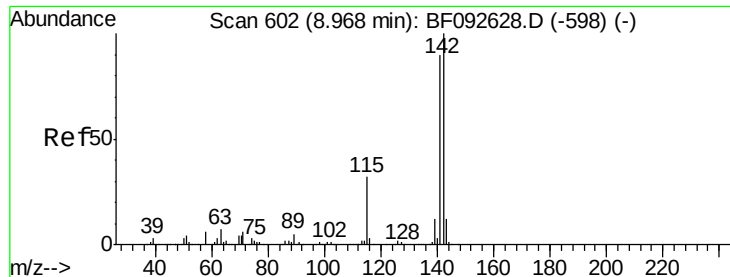
#36  
 4-Chloro-3-methylphenol  
 Concen: 43.51 ng  
 RT: 8.75 min Scan# 583  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

Tgt Ion:107 Resp: 425333  
 Ion Ratio Lower Upper  
 107 100  
 144 24.6 19.3 28.9  
 142 77.0 59.0 88.6



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

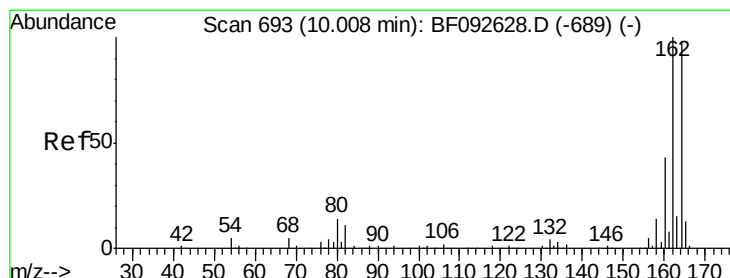
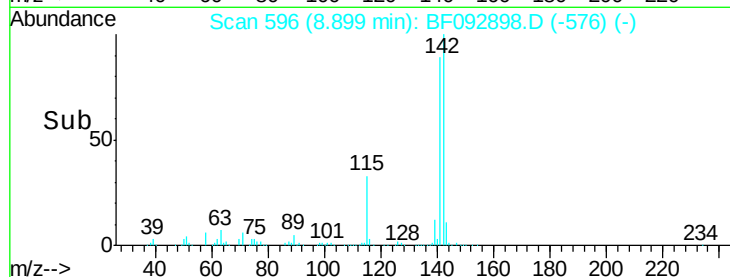
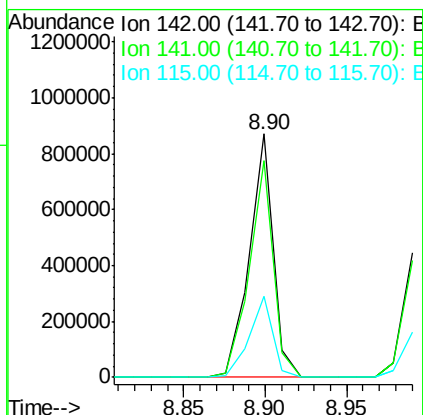
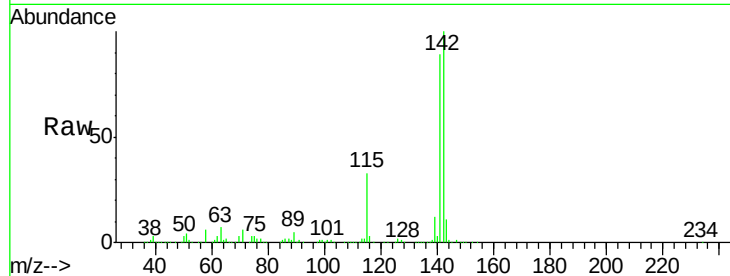




#37  
 2-Methylnaphthalene  
 Concen: 41.71 ng  
 RT: 8.90 min Scan# 596  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

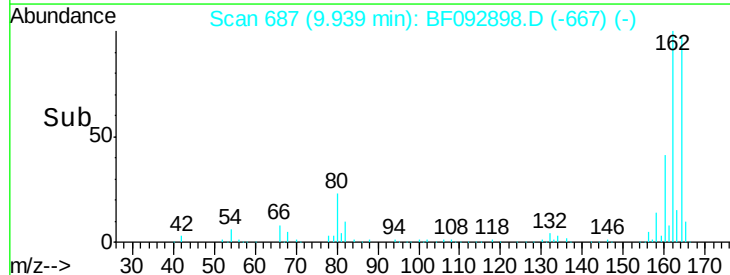
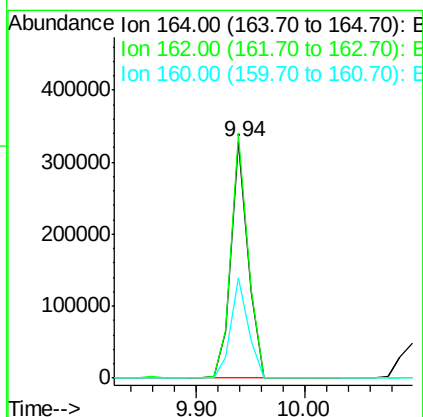
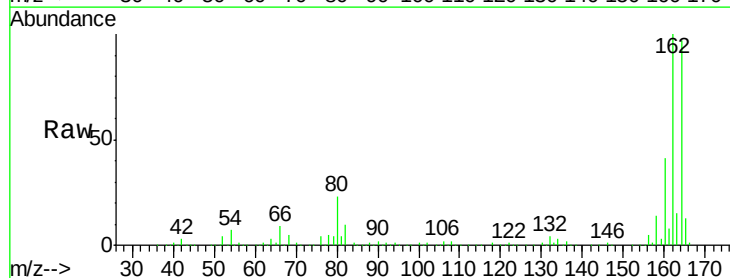
Instrument :  
 BNA\_F  
 ClientSampleId :  
 9717MS

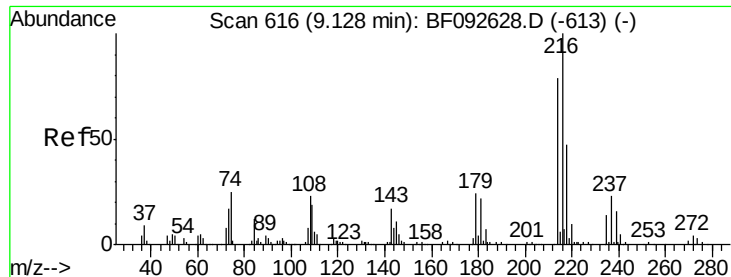
Tgt Ion:142 Resp: 886563  
 Ion Ratio Lower Upper  
 142 100  
 141 89.0 71.0 106.6  
 115 33.3 28.3 42.5



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.94 min Scan# 687  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

Tgt Ion:164 Resp: 354743  
 Ion Ratio Lower Upper  
 164 100  
 162 103.1 80.2 120.2  
 160 42.7 36.9 55.3

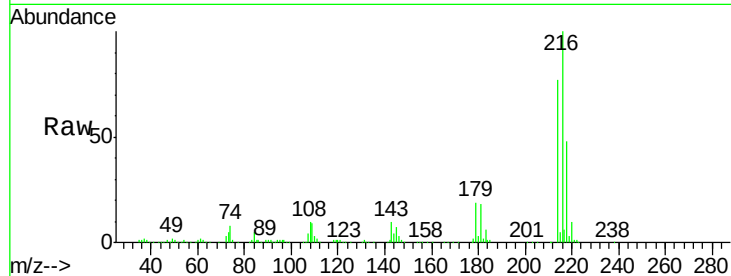




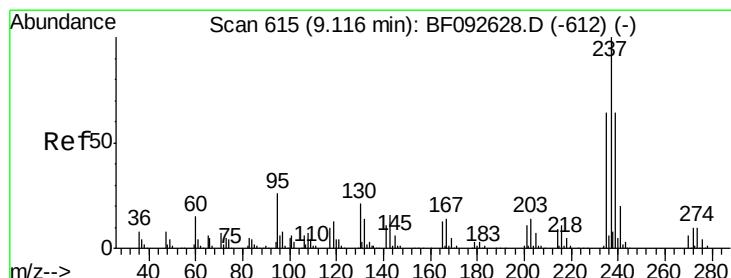
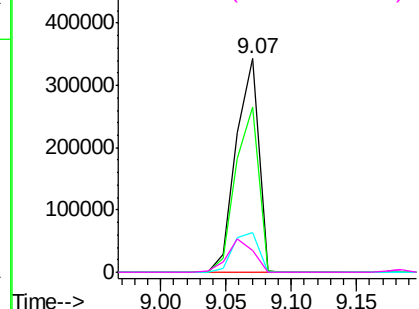
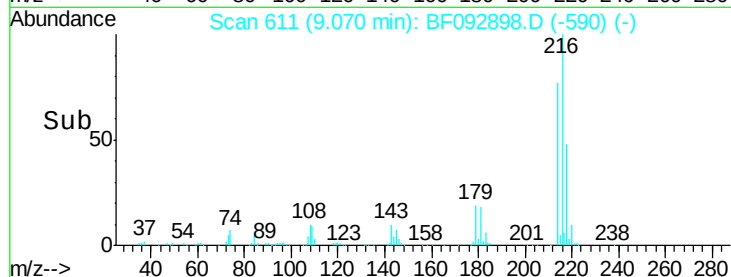
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.19 ng  
 RT: 9.07 min Scan# 611  
 Delta R.T. -0.06 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 9717MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 410174 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.1  | 63.4  | 95.0   |
| 179      | 21.2  | 17.4  | 26.2   |
| 108      | 18.3  | 15.6  | 23.4   |

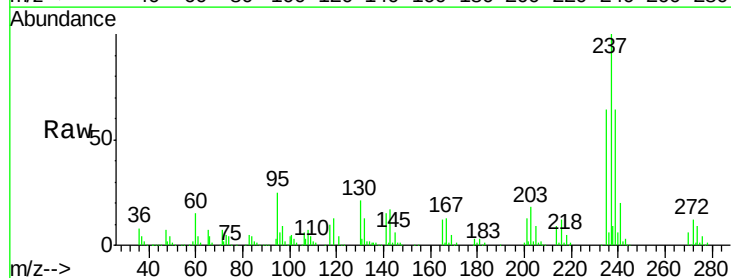


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

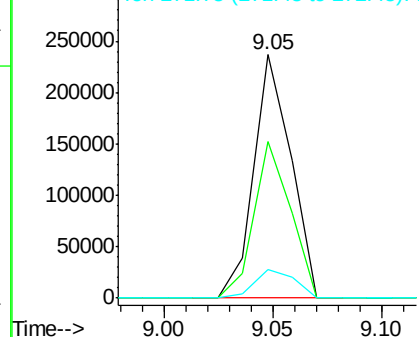
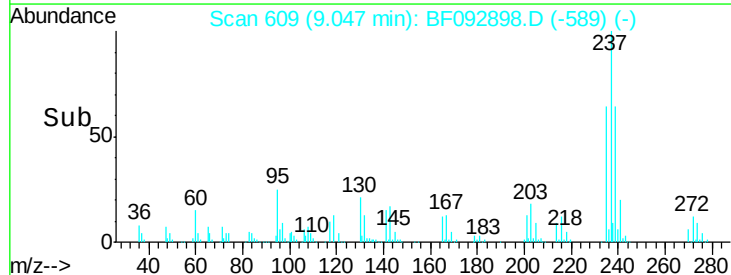


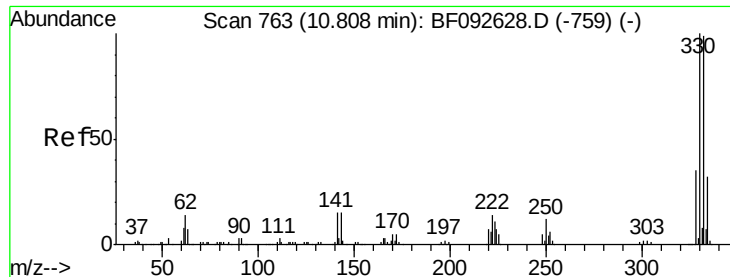
#40  
 Hexachlorocyclopentadiene  
 Concen: 62.52 ng  
 RT: 9.05 min Scan# 609  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 280868 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 64.4  | 41.2  | 81.2   |
| 272      | 11.5  | 0.0   | 35.4   |



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

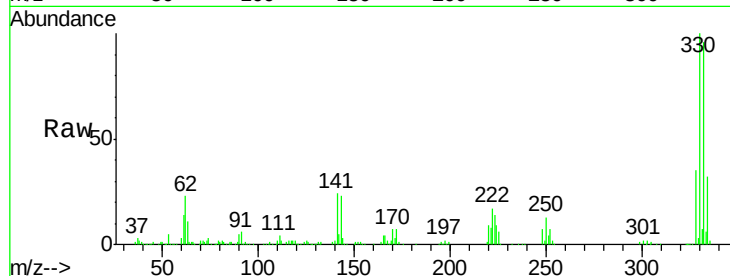




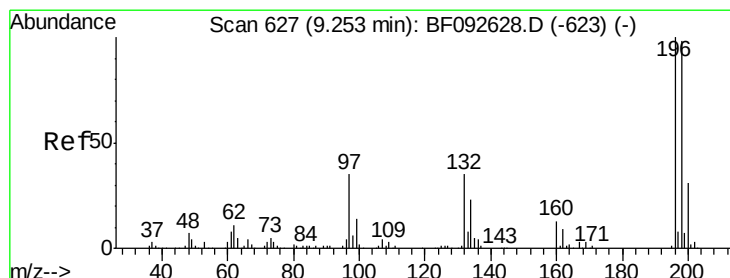
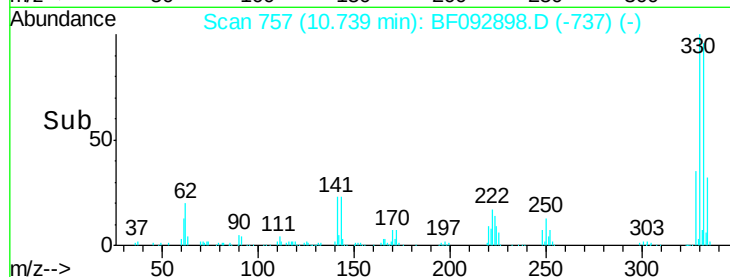
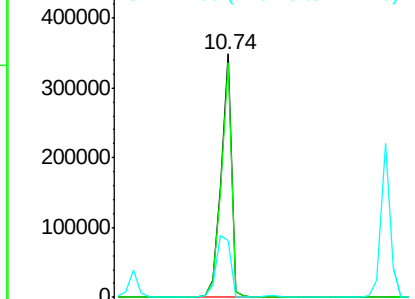
#41  
 2,4,6-Tribromophenol  
 Concen: 147.00 ng  
 RT: 10.74 min Scan# 757  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 9717MS

Tgt Ion:330 Resp: 377168  
 Ion Ratio Lower Upper  
 330 100  
 332 96.0 77.4 116.2  
 141 35.0 34.1 51.1

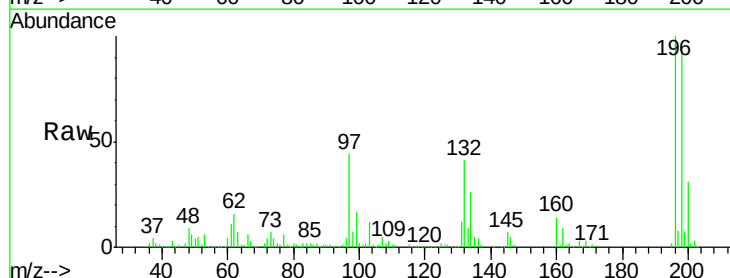


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

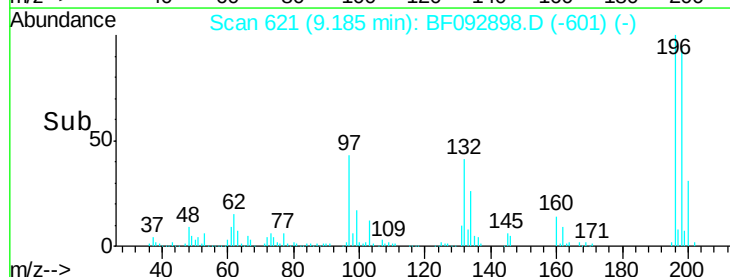
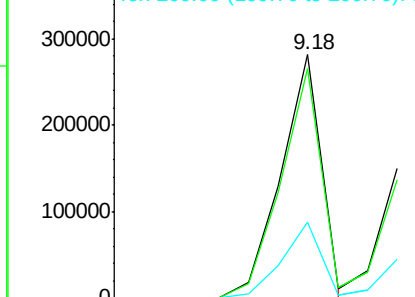


#42  
 2,4,6-Trichlorophenol  
 Concen: 46.28 ng  
 RT: 9.18 min Scan# 621  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

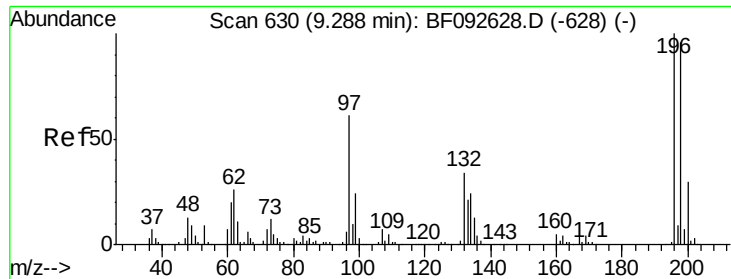
Tgt Ion:196 Resp: 302799  
 Ion Ratio Lower Upper  
 196 100  
 198 94.5 82.1 123.1  
 200 31.1 27.0 40.4



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



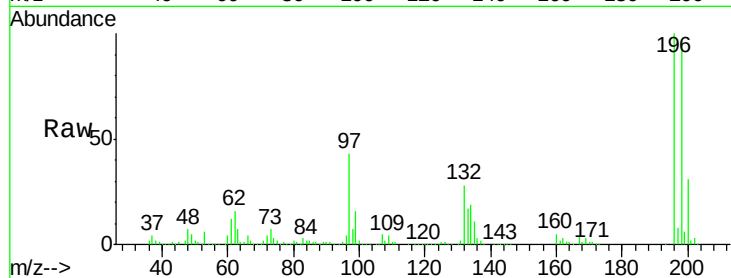




#43  
 2,4,5-Trichlorophenol  
 Concen: 40.47 ng  
 RT: 9.23 min Scan# 625  
 Delta R.T. -0.06 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 9717MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.5  | 79.4  | 119.2 |
| 97      | 42.7  | 51.5  | 77.3  |
| 132     | 27.7  | 27.4  | 41.2  |



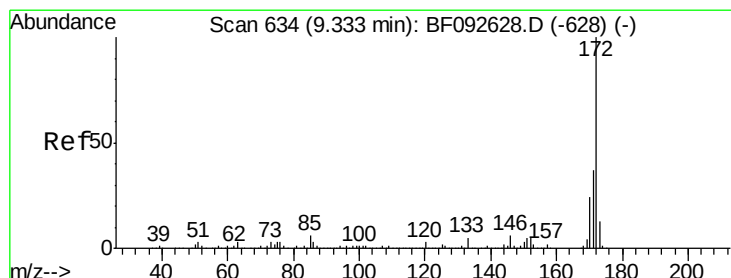
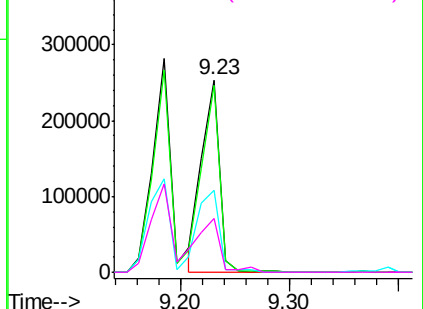
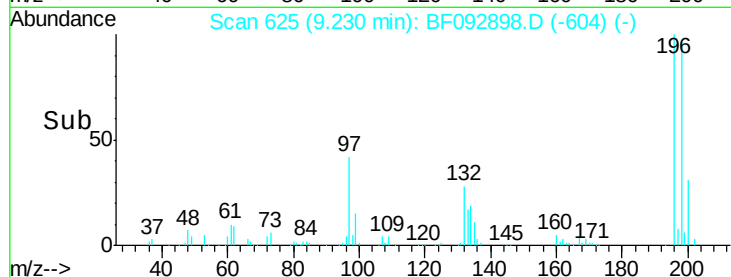
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

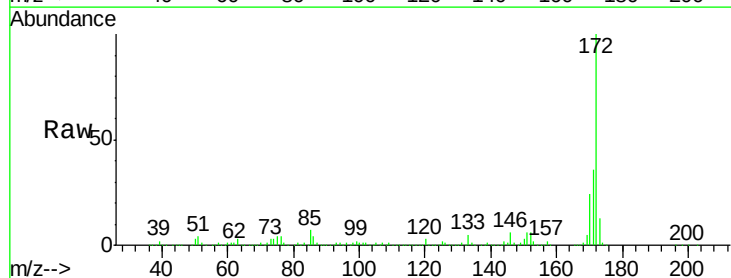
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 89.94 ng  
 RT: 9.26 min Scan# 628  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.5  | 29.4  | 44.0  |
| 170     | 24.5  | 20.2  | 30.4  |

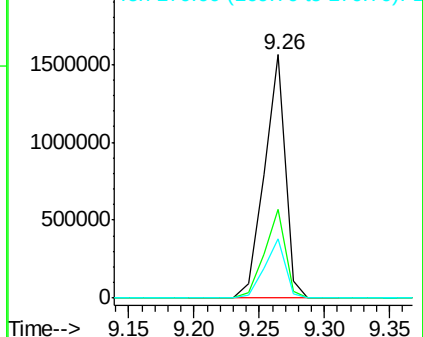
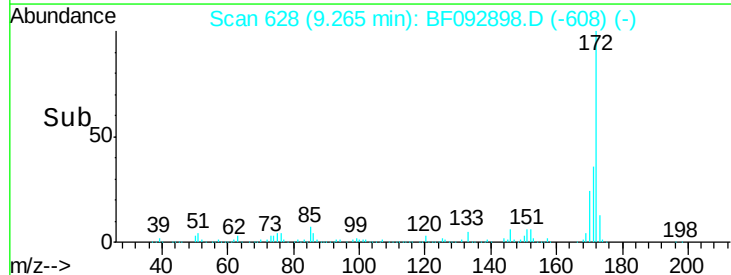


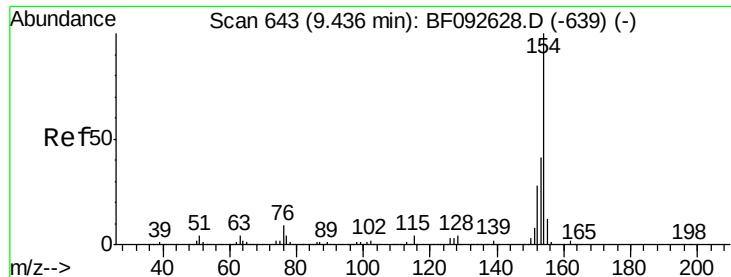
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

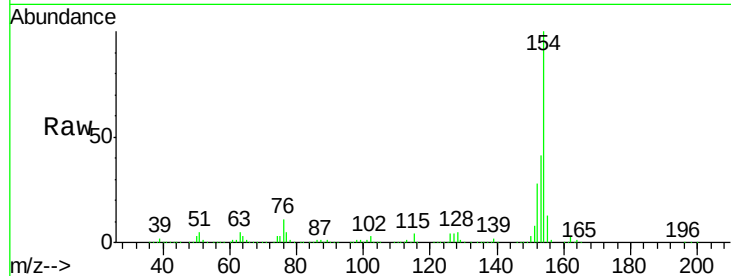




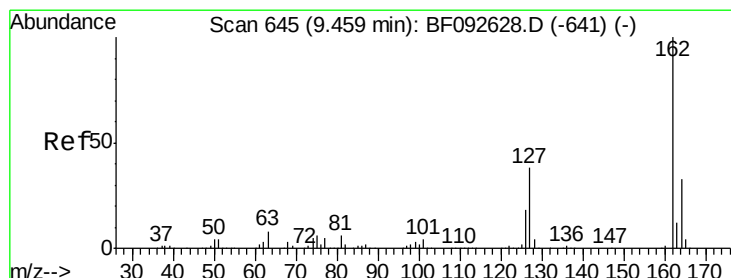
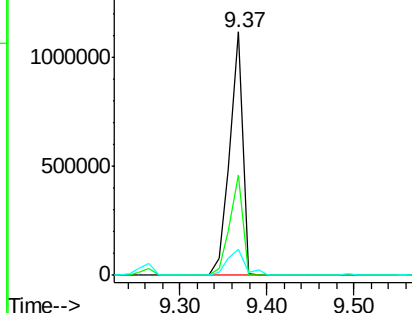
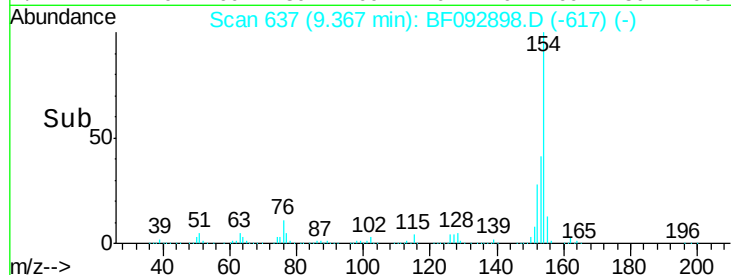
#45  
 1,1'-Biphenyl  
 Concen: 45.28 ng  
 RT: 9.37 min Scan# 637  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 9717MS

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 154   | Resp: | 1163215 |
| Ion      | Ratio | Lower | Upper   |
| 154      | 100   |       |         |
| 153      | 41.1  | 20.9  | 60.9    |
| 76       | 10.9  | 0.0   | 30.5    |

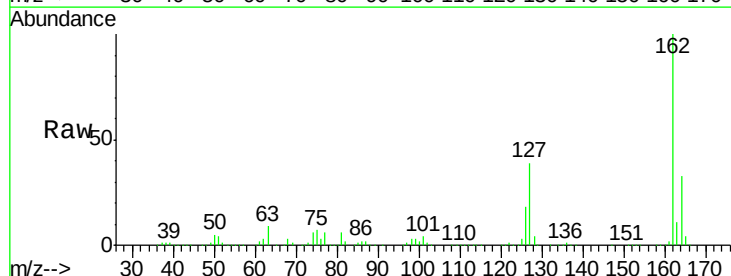


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

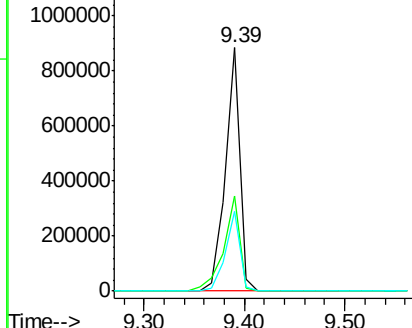
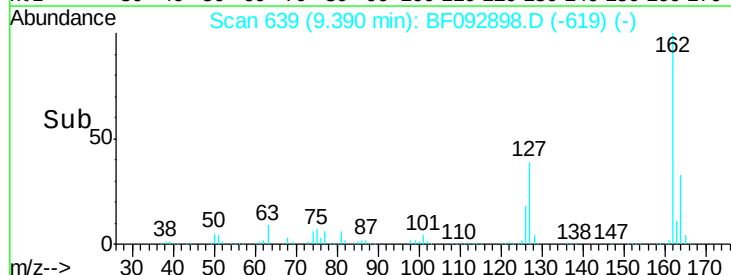


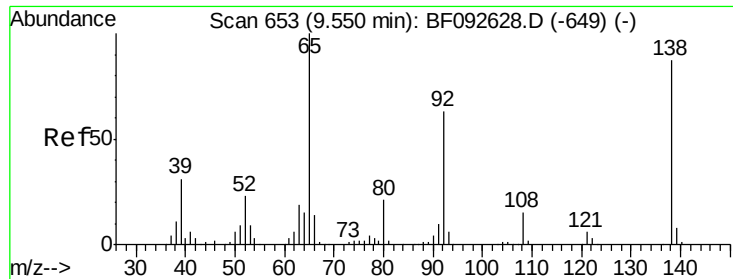
#46  
 2-Chloronaphthalene  
 Concen: 43.91 ng  
 RT: 9.39 min Scan# 639  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 882436 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 39.1  | 30.7  | 46.1   |
| 164      | 32.9  | 27.6  | 41.4   |



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

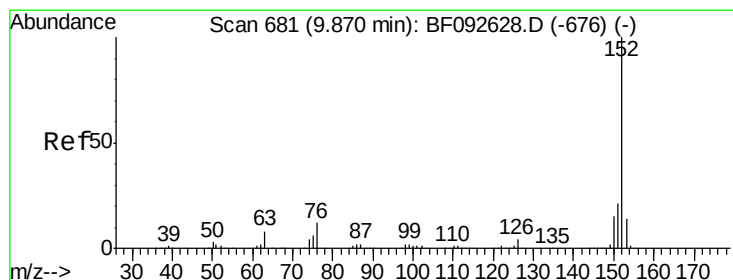
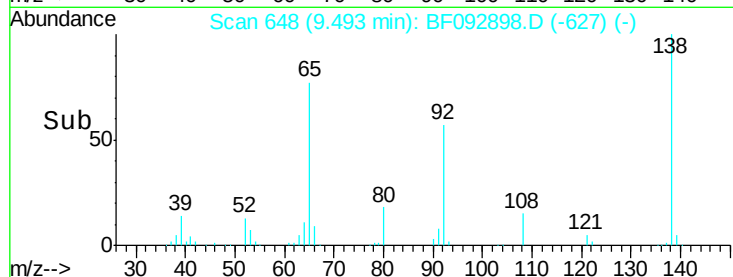
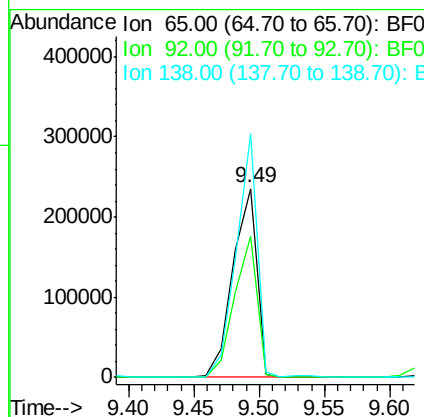
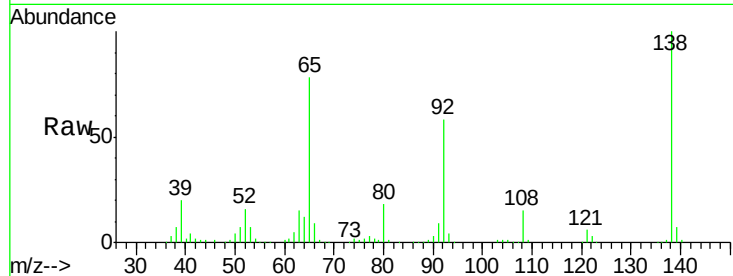




#47  
 2-Nitroaniline  
 Concen: 44.38 ng  
 RT: 9.49 min Scan# 648  
 Delta R.T. -0.06 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

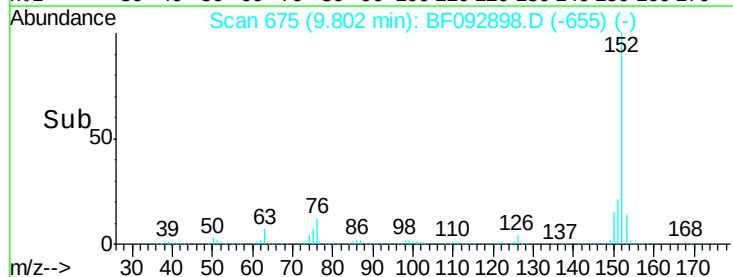
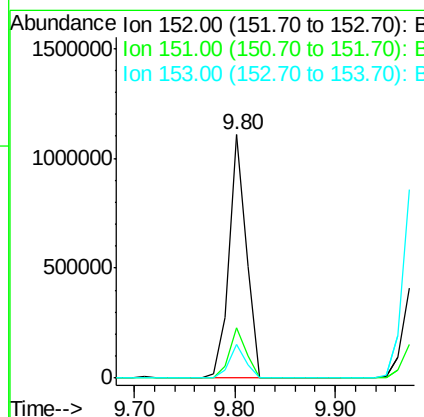
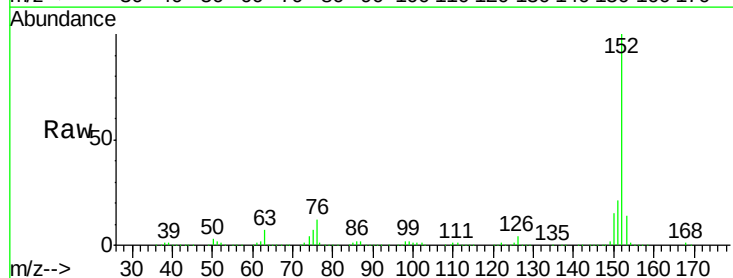
Instrument :  
 BNA\_F  
 ClientSampleId :  
 9717MS

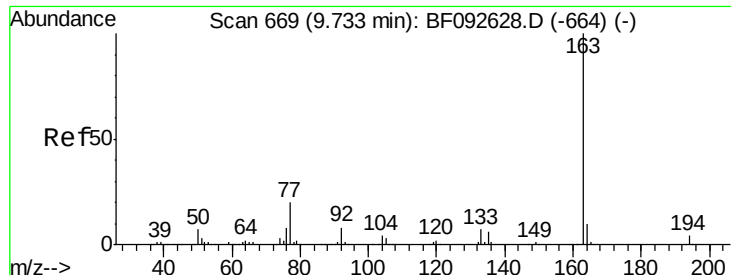
Tgt Ion: 65 Resp: 299831  
 Ion Ratio Lower Upper  
 65 100  
 92 74.7 53.9 80.9  
 138 128.9 76.8 115.2#



#48  
 Acenaphthylene  
 Concen: 37.94 ng  
 RT: 9.80 min Scan# 675  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

Tgt Ion: 152 Resp: 1316906  
 Ion Ratio Lower Upper  
 152 100  
 151 20.6 16.9 25.3  
 153 13.8 11.4 17.2

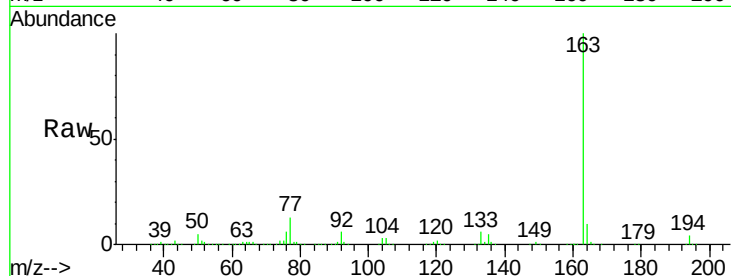




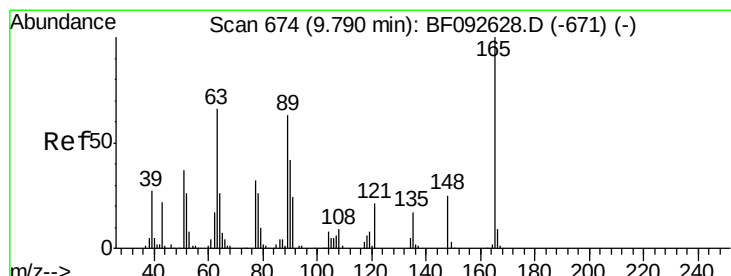
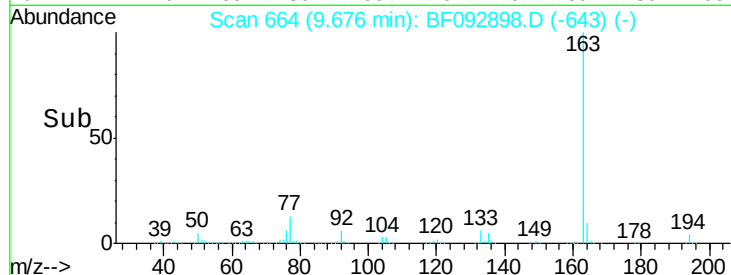
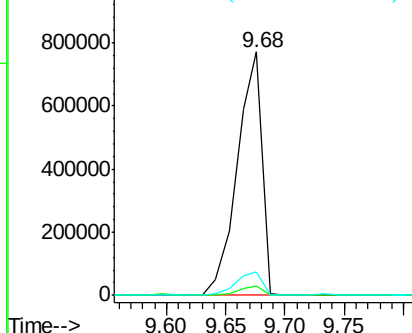
#49  
Dimethylphthalate  
Concen: 46.63 ng  
RT: 9.68 min Scan# 664  
Delta R.T. -0.06 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

Instrument :  
BNA\_F  
ClientSampleId :  
9717MS

Tgt Ion:163 Resp: 1114129  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.0 4.4  
164 9.6 8.0 12.0

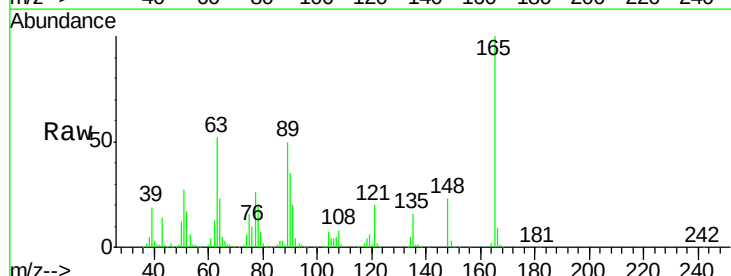


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

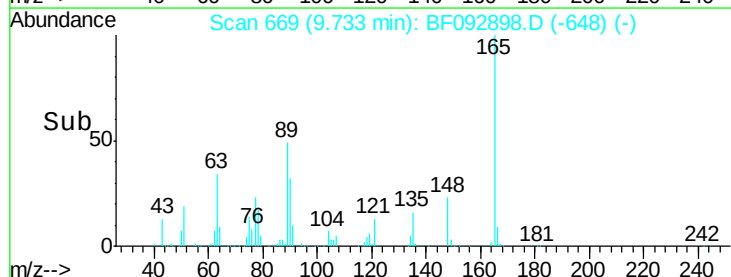
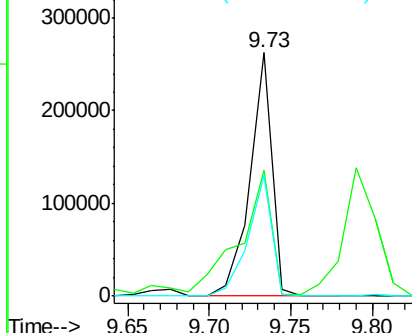


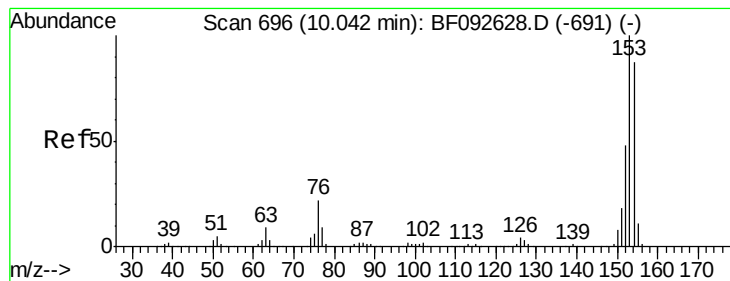
#50  
2,6-Dinitrotoluene  
Concen: 47.72 ng  
RT: 9.73 min Scan# 669  
Delta R.T. -0.06 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

Tgt Ion:165 Resp: 246236  
Ion Ratio Lower Upper  
165 100  
63 51.8 36.2 54.4  
89 49.7 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.97 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Instrument :

BNA\_F

ClientSampleId :

9717MS

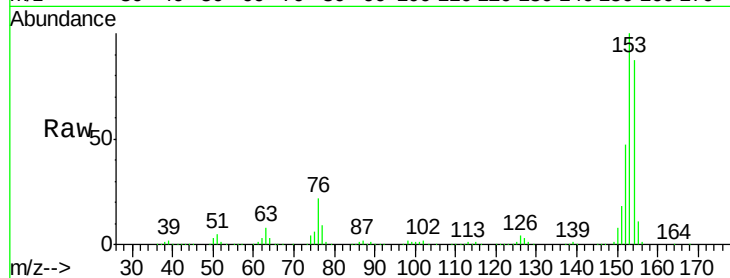
Tgt Ion:154 Resp: 871105

Ion Ratio Lower Upper

154 100

153 115.3 88.6 133.0

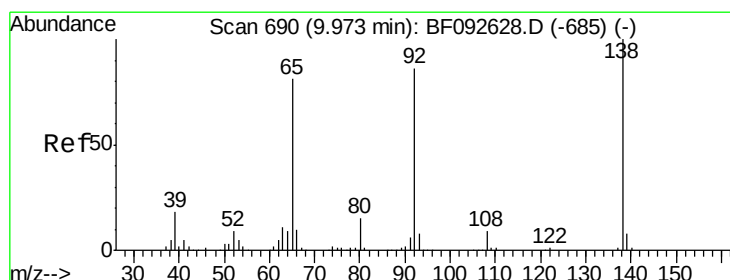
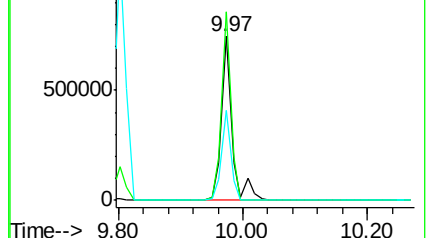
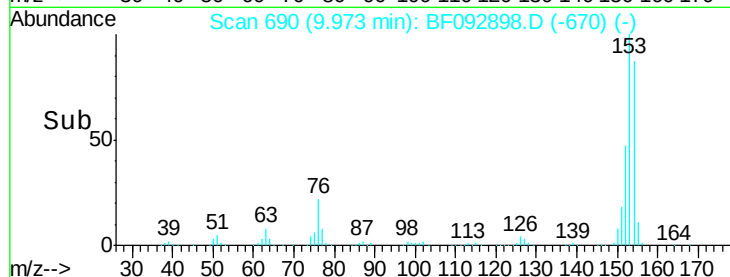
152 54.6 41.6 62.4



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: 11.80 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

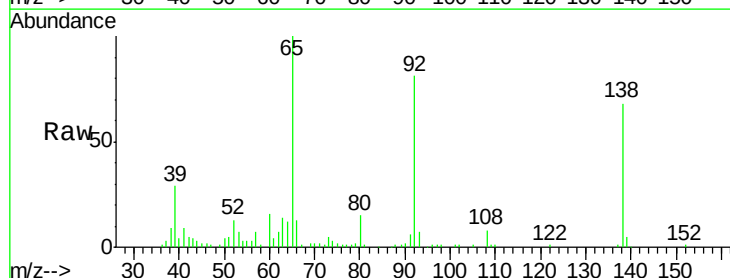
Tgt Ion:138 Resp: 69655

Ion Ratio Lower Upper

138 100

108 11.6 8.5 12.7

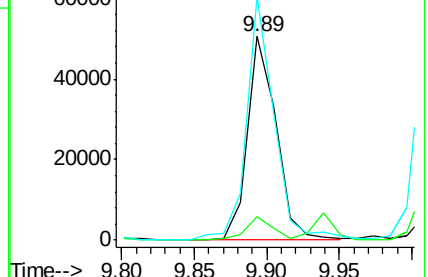
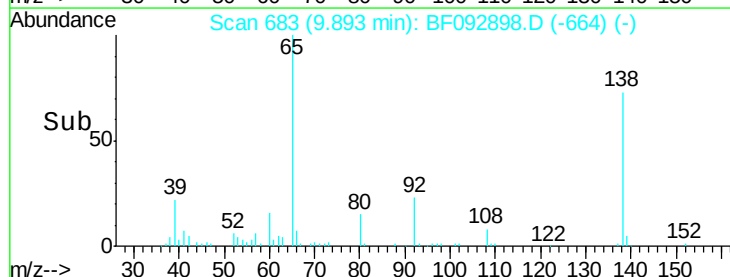
92 119.7 97.8 146.8

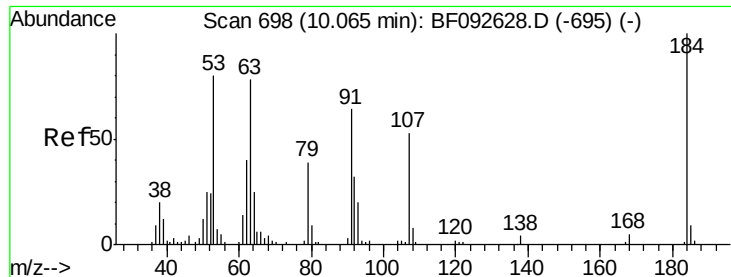


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

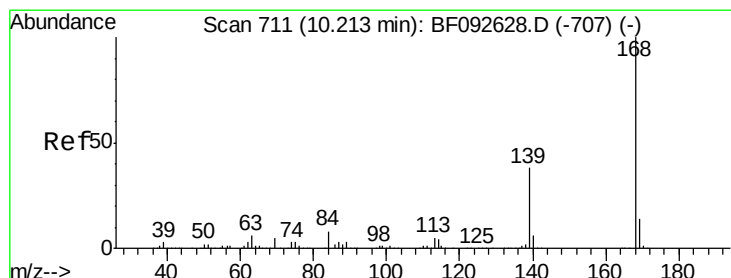
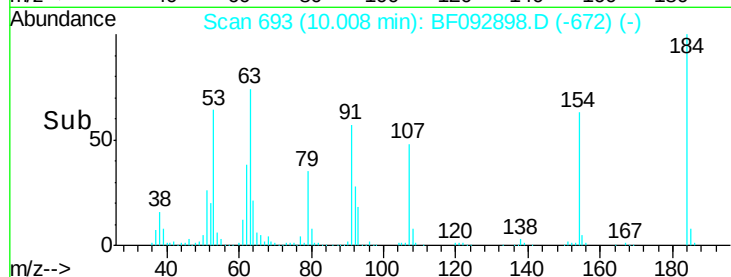
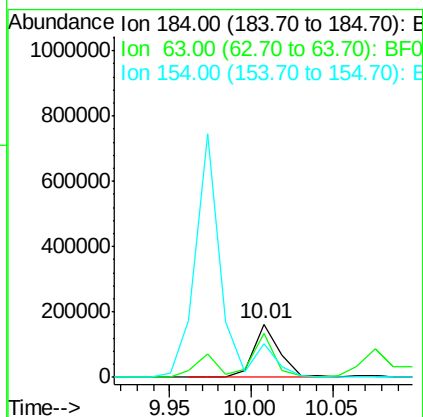
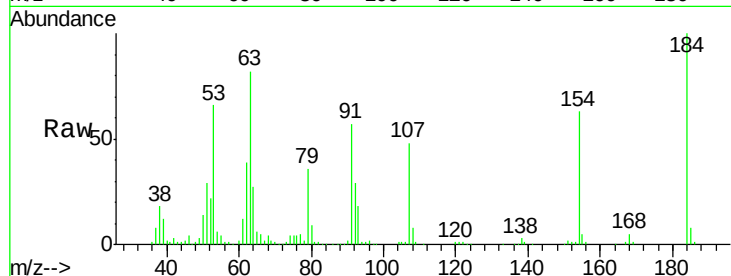




#53  
2,4-Dinitrophenol  
Concen: 70.22 ng  
RT: 10.01 min Scan# 693  
Delta R.T. -0.06 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

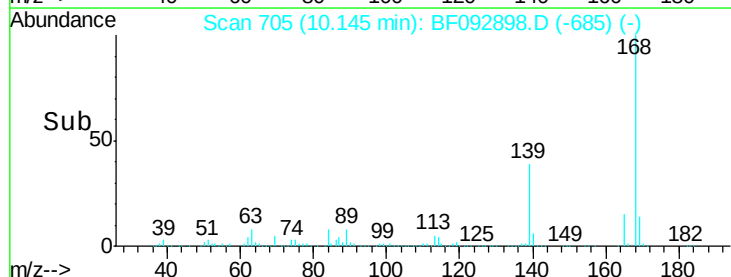
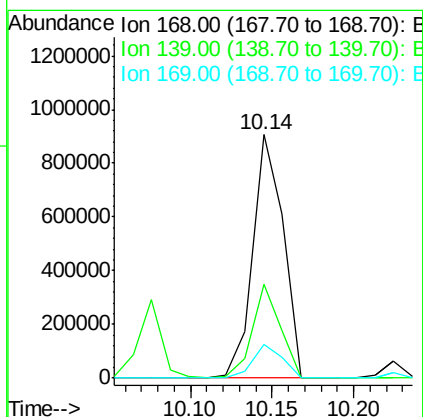
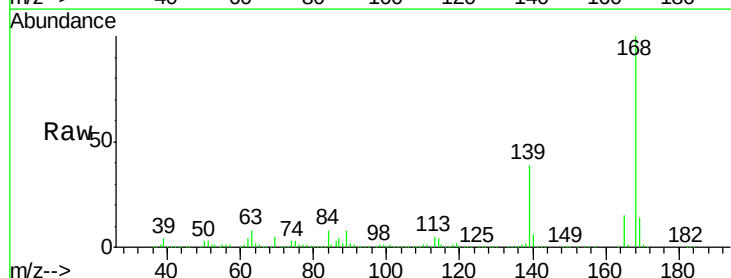
Instrument :  
BNA\_F  
ClientSampled :  
9717MS

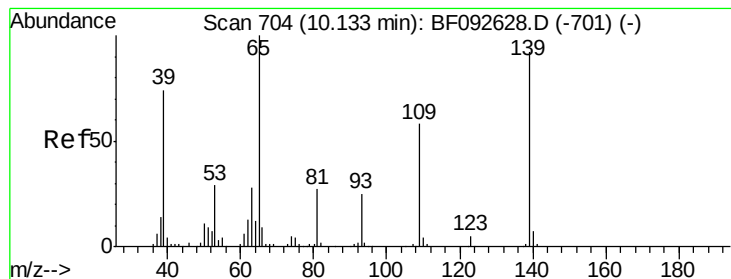
Tgt Ion:184 Resp: 182723  
Ion Ratio Lower Upper  
184 100  
63 81.7 28.4 42.6#  
154 63.1 44.3 66.5



#54  
Dibenzofuran  
Concen: 42.20 ng  
RT: 10.14 min Scan# 705  
Delta R.T. -0.07 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

Tgt Ion:168 Resp: 1171393  
Ion Ratio Lower Upper  
168 100  
139 38.8 32.6 49.0  
169 14.1 11.3 16.9





#55

4-Nitrophenol

Concen: 68.53 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Instrument :

BNA\_F

ClientSampleId :

9717MS

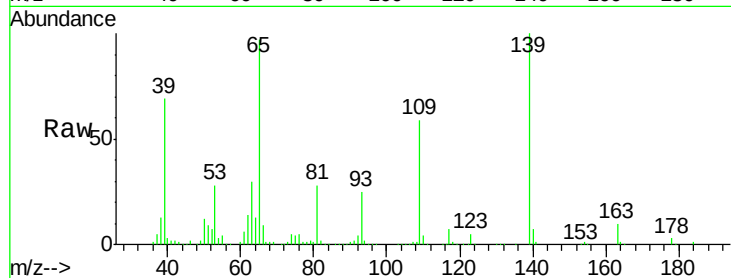
Tgt Ion:139 Resp: 291467

Ion Ratio Lower Upper

139 100

109 59.5 52.2 92.2

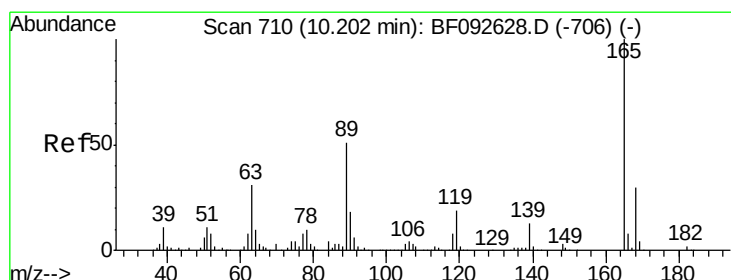
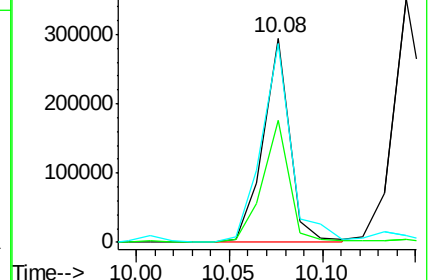
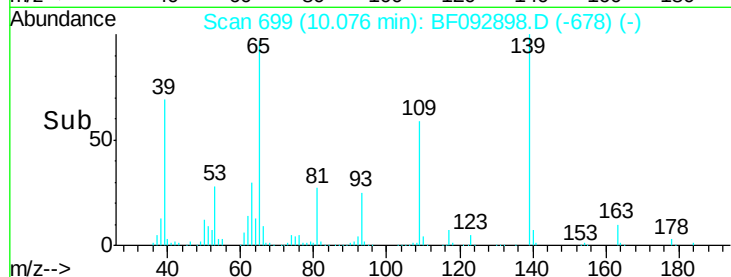
65 97.2 85.8 125.8



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: 41.78 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Tgt Ion:165 Resp: 287056

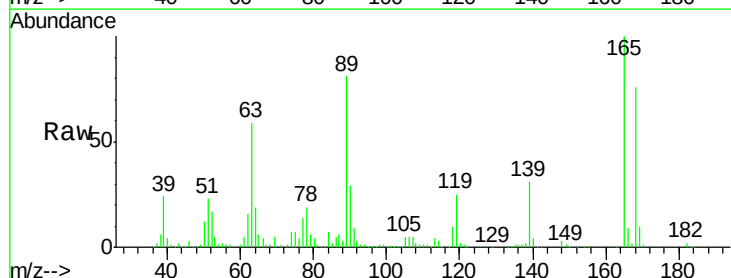
Ion Ratio Lower Upper

165 100

63 59.3 40.2 60.4

89 81.0 62.5 93.7

182 2.1 1.8 2.8

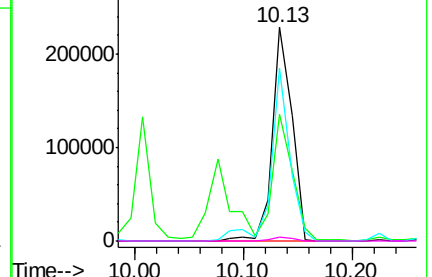
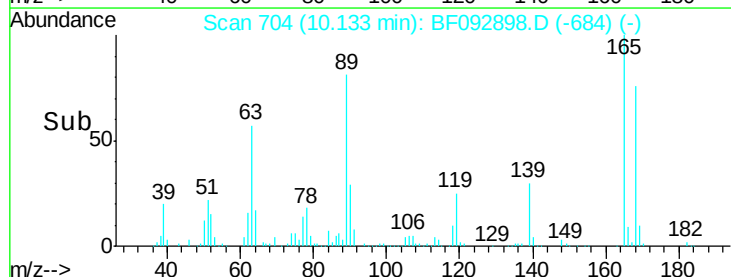


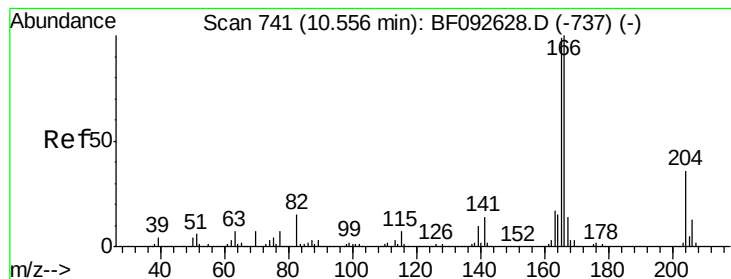
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.45 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Instrument :

BNA\_F

ClientSampled :

9717MS

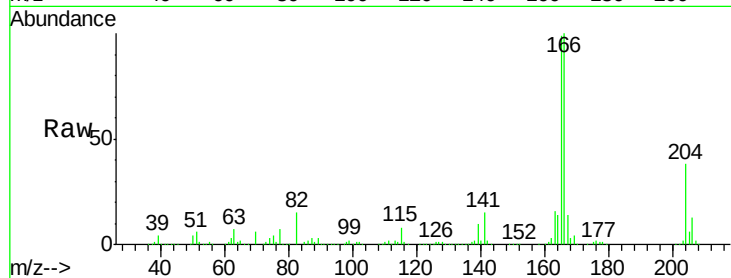
Tgt Ion:166 Resp: 842422

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

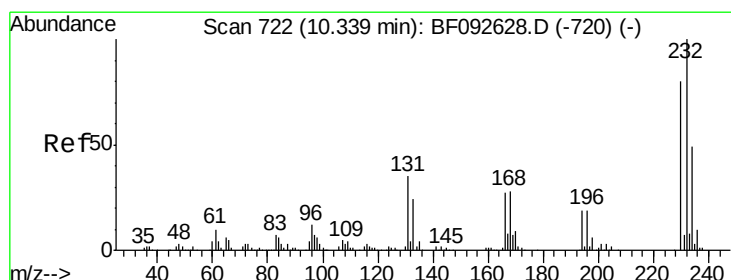
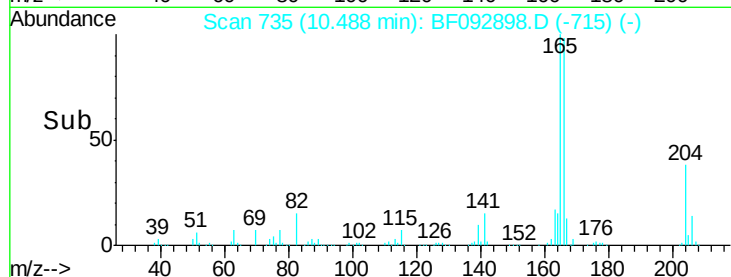
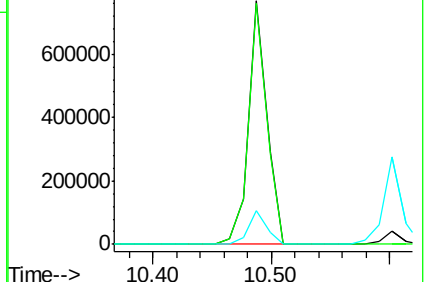
167 13.8 10.8 16.2



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: 52.15 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Tgt Ion:232 Resp: 249427

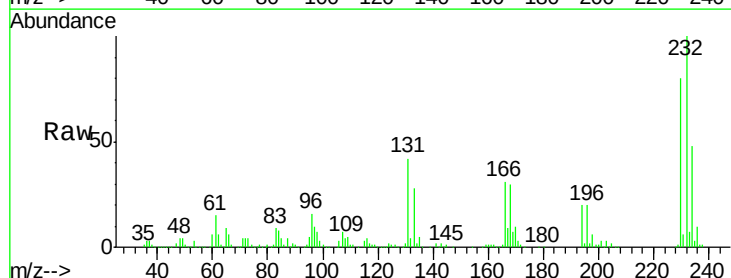
Ion Ratio Lower Upper

232 100

131 45.1 40.1 60.1

130 2.2 1.8 2.8

166 30.9 26.6 39.8

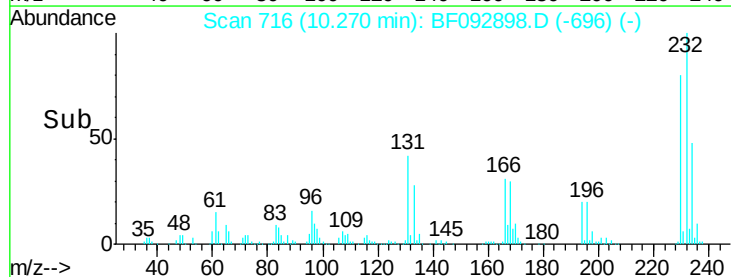
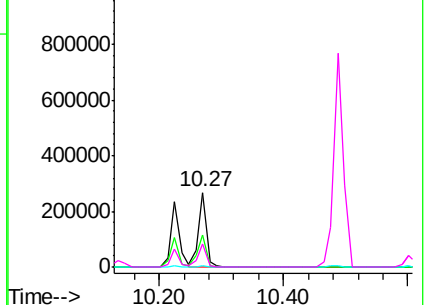


Abundance Ion 232.00 (231.70 to 232.70): E

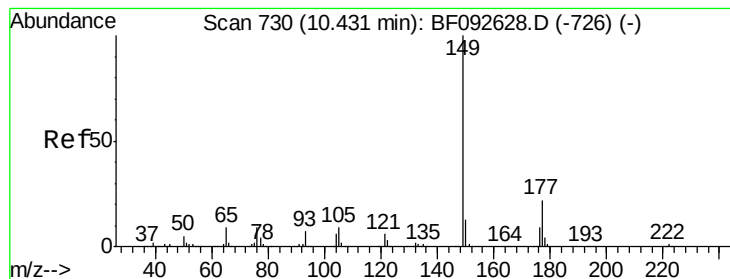
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E







#59

Diethylphthalate

Concen: 46.46 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.06 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Instrument :

BNA\_F

ClientSampleId :

9717MS

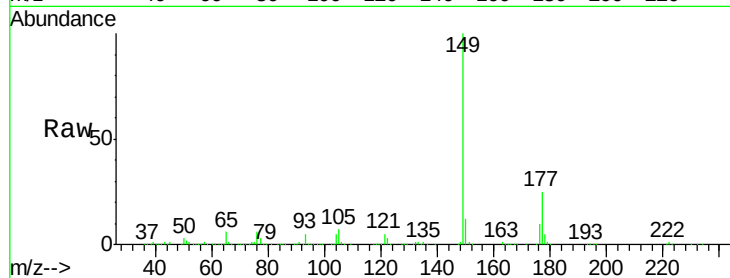
Tgt Ion:149 Resp: 1046124

Ion Ratio Lower Upper

149 100

177 25.2 16.6 25.0#

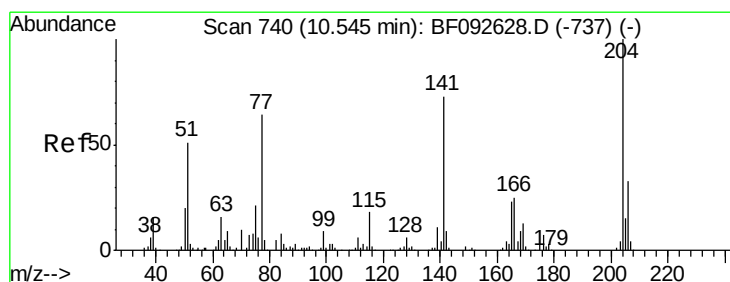
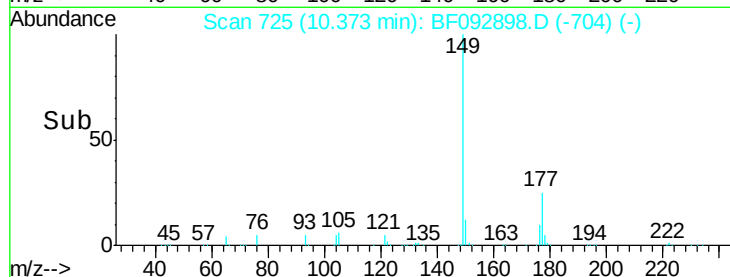
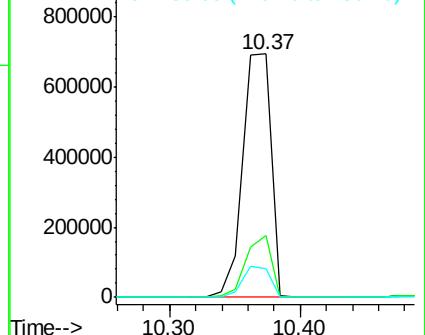
150 11.9 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.44 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

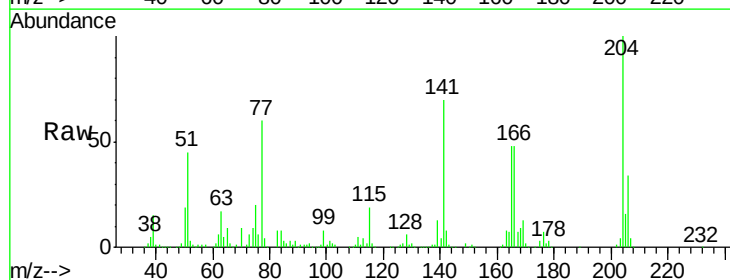
Tgt Ion:204 Resp: 425142

Ion Ratio Lower Upper

204 100

206 34.1 25.8 38.6

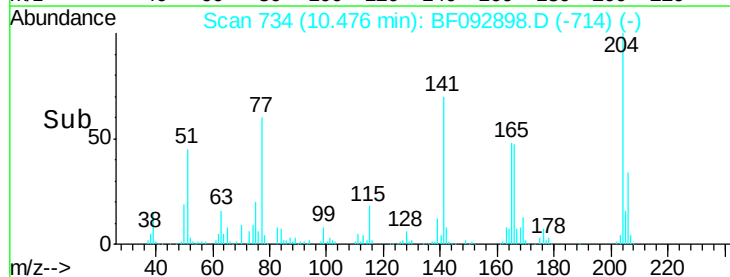
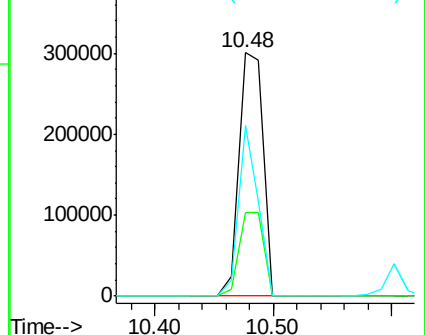
141 70.0 59.4 89.0

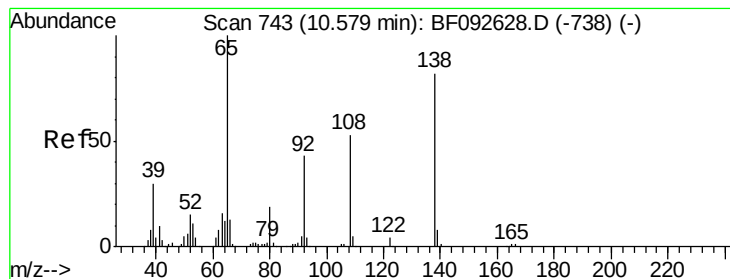


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.01 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.06 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Instrument :

BNA\_F

ClientSampleId :

9717MS

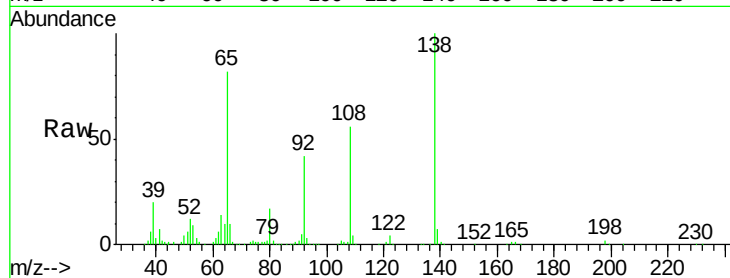
Tgt Ion:138 Resp: 241983

Ion Ratio Lower Upper

138 100

92 42.3 31.7 71.7

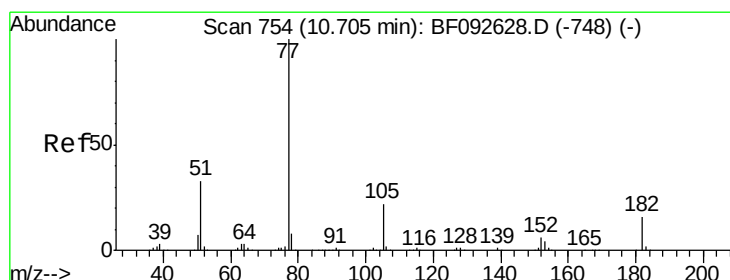
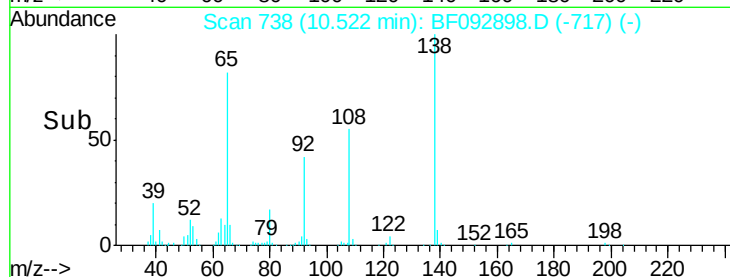
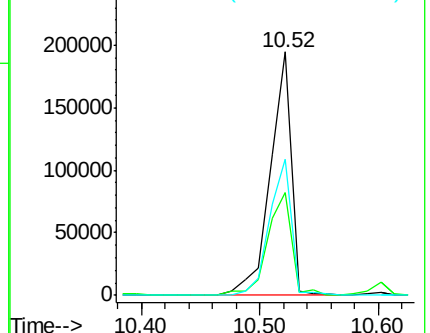
108 55.7 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.05 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Tgt Ion: 77 Resp: 1094504

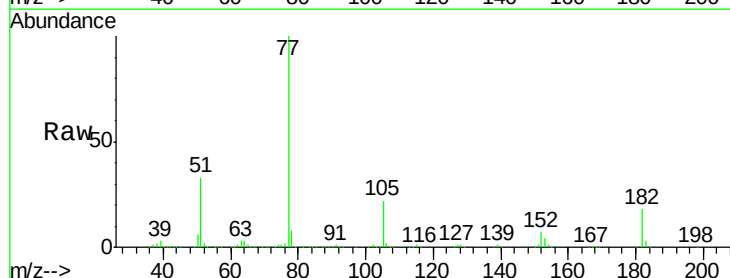
Ion Ratio Lower Upper

77 100

182 18.3 0.0 39.3

105 22.5 2.3 42.3

51 32.7 8.9 48.9

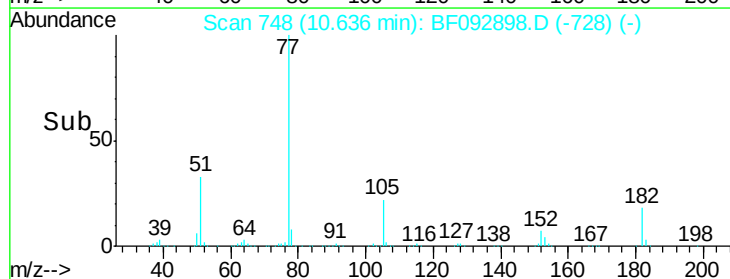
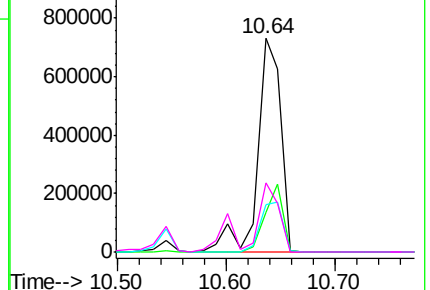


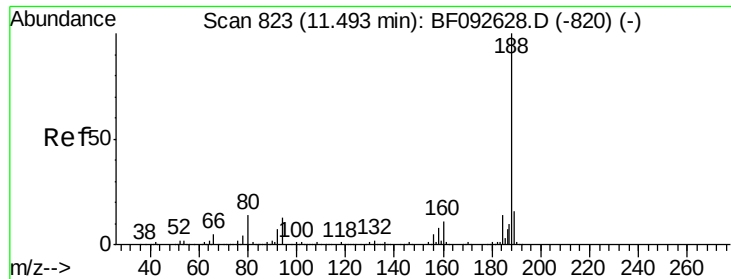
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

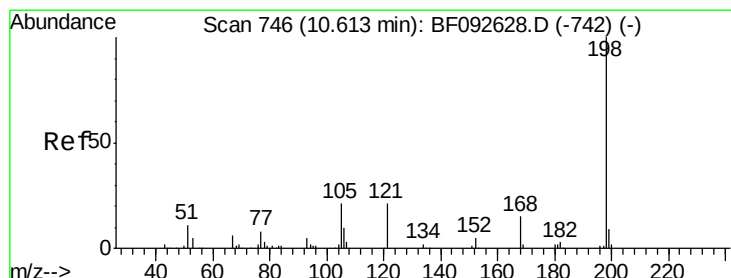
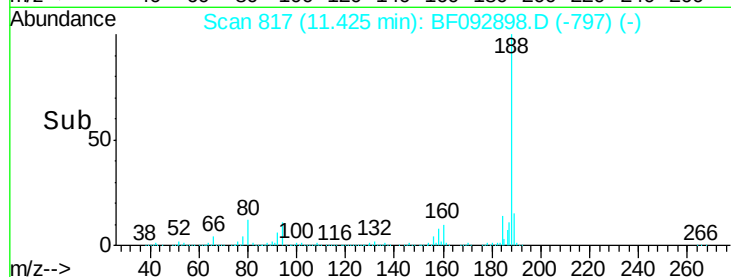
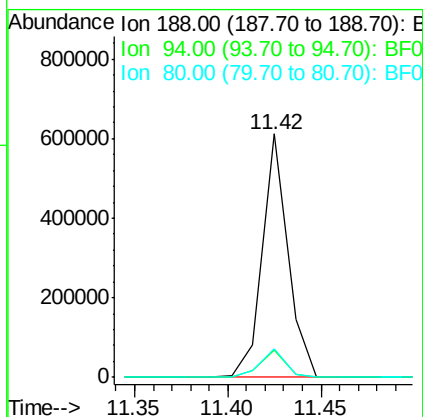
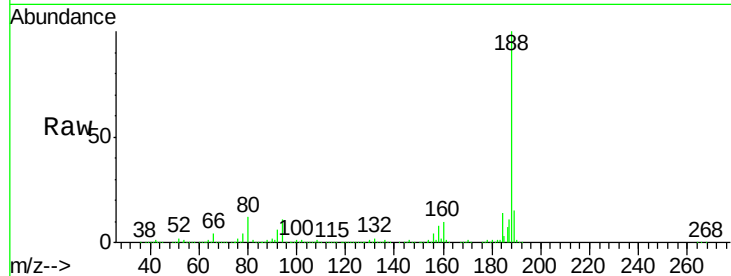




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.42 min Scan# 817  
Delta R.T. -0.07 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

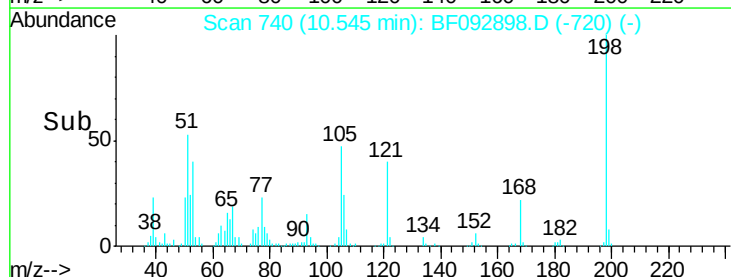
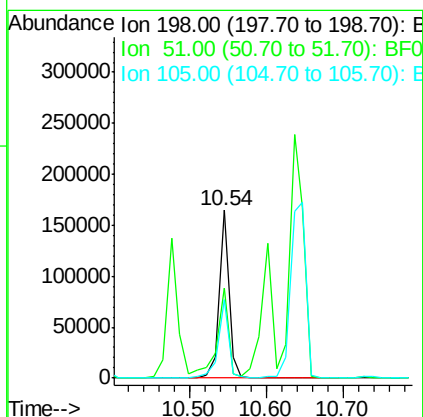
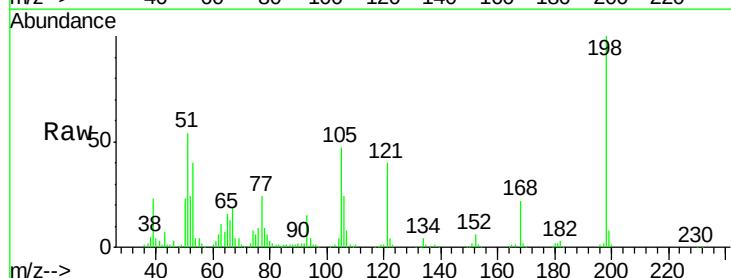
Instrument :  
BNA\_F  
ClientSampleId :  
9717MS

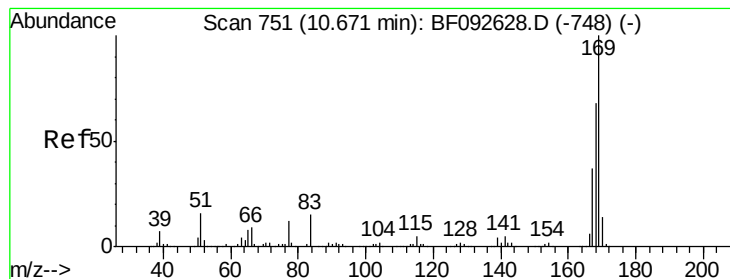
Tgt Ion:188 Resp: 580112  
Ion Ratio Lower Upper  
188 100  
94 11.0 10.0 15.0  
80 11.9 11.2 16.8



#64  
4,6-Dinitro-2-methylphenol  
Concen: 41.93 ng  
RT: 10.54 min Scan# 740  
Delta R.T. -0.07 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

Tgt Ion:198 Resp: 146806  
Ion Ratio Lower Upper  
198 100  
51 53.6 6.7 46.7#  
105 47.1 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 41.88 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Instrument :

BNA\_F

ClientSampleId :

9717MS

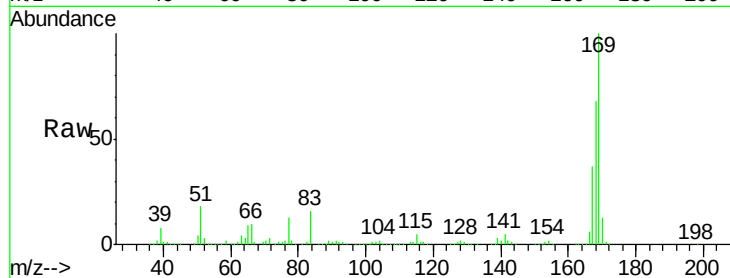
Tgt Ion:169 Resp: 776064

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.2

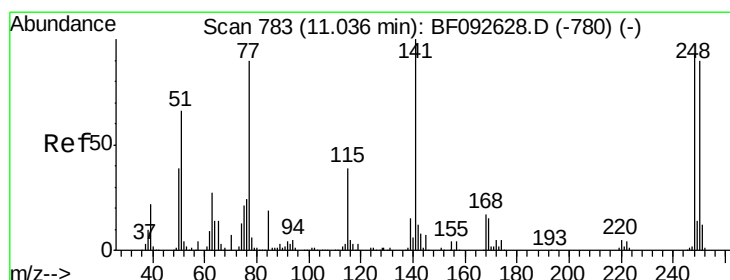
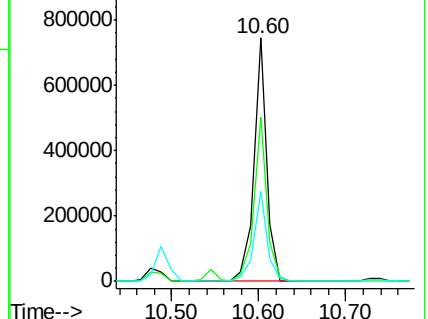
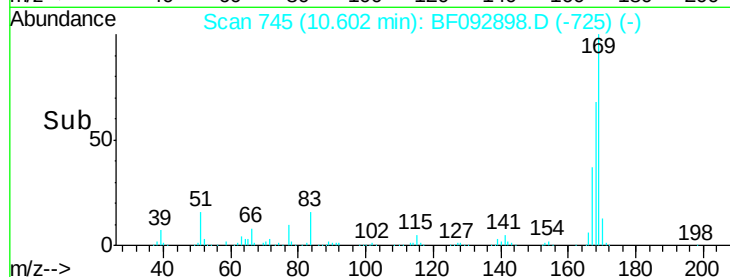
167 37.2 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.46 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

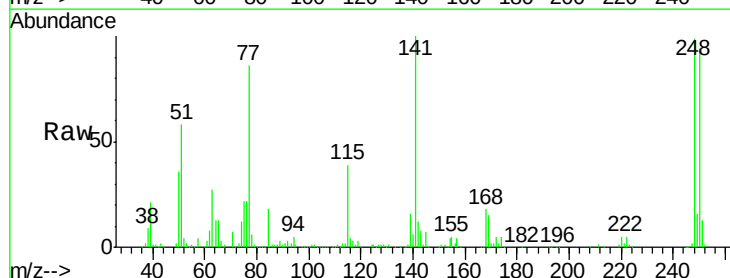
Tgt Ion:248 Resp: 257315

Ion Ratio Lower Upper

248 100

250 94.8 76.9 115.3

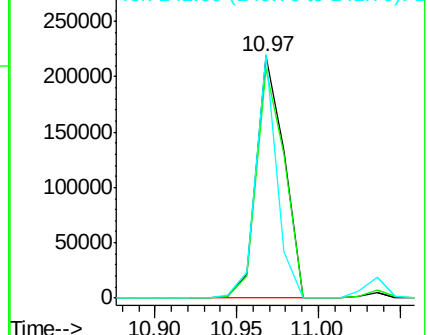
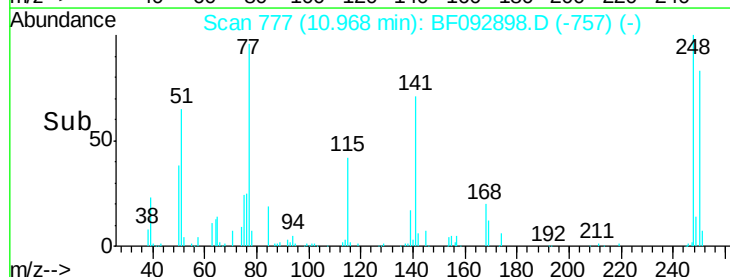
141 100.6 68.2 102.4

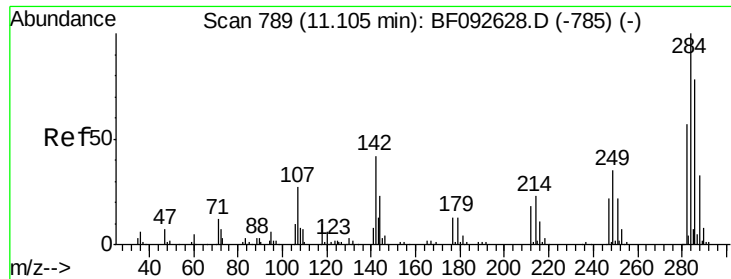


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.74 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Instrument :

BNA\_F

ClientSampleId :

9717MS

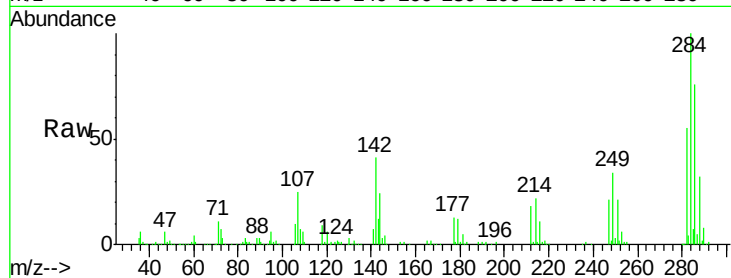
Tgt Ion:284 Resp: 249991

Ion Ratio Lower Upper

284 100

142 41.0 22.6 33.8#

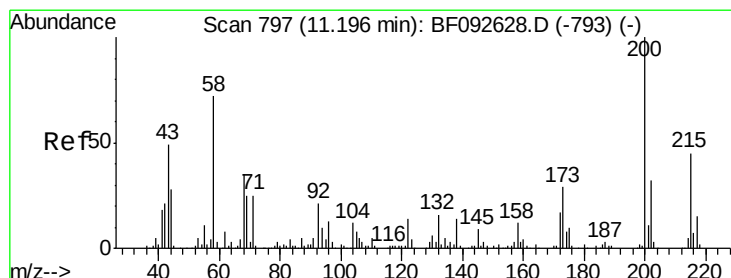
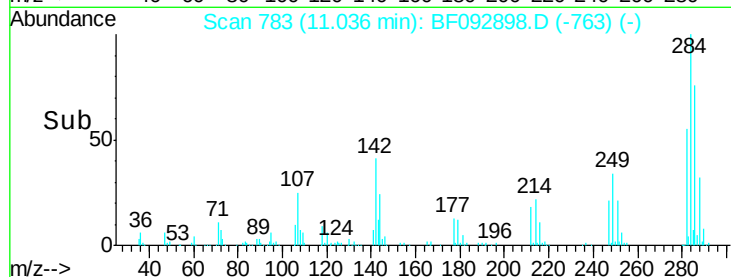
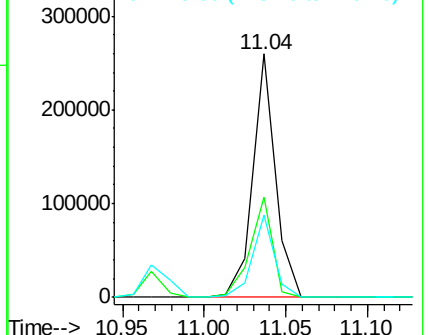
249 33.7 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.09 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.06 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

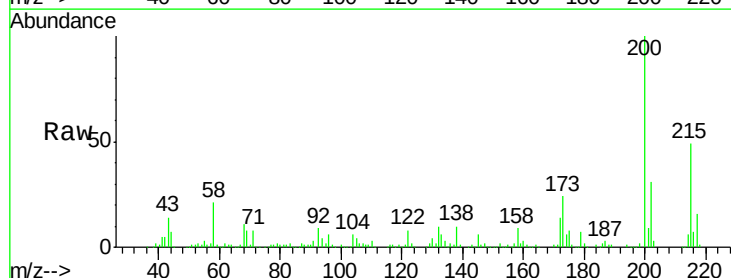
Tgt Ion:200 Resp: 280036

Ion Ratio Lower Upper

200 100

173 23.7 9.6 49.6

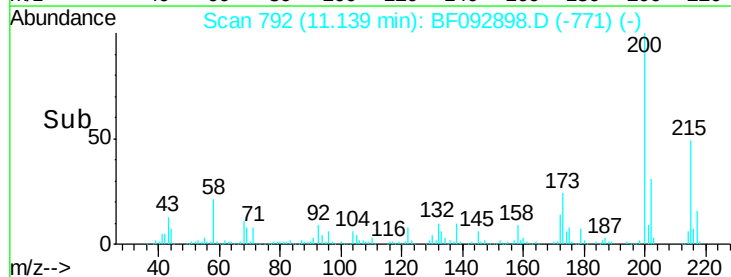
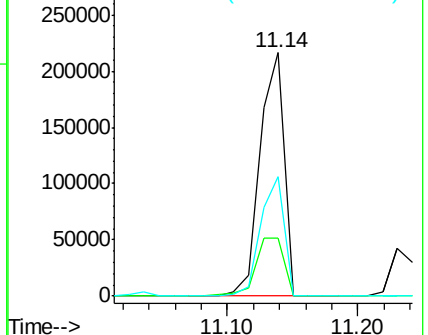
215 49.1 25.7 65.7

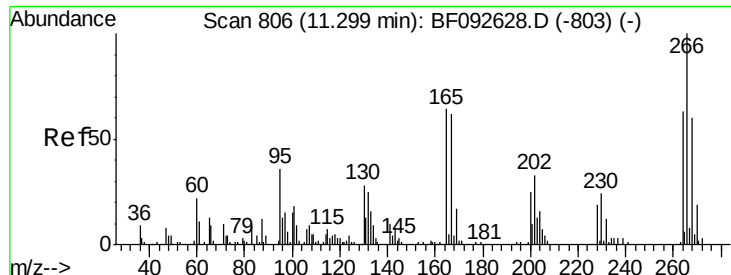


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

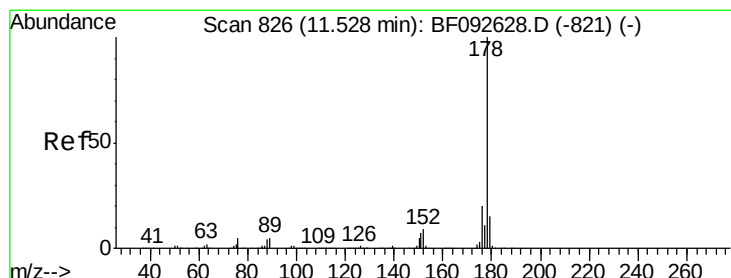
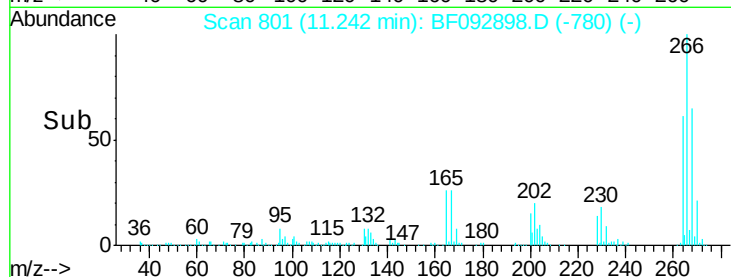
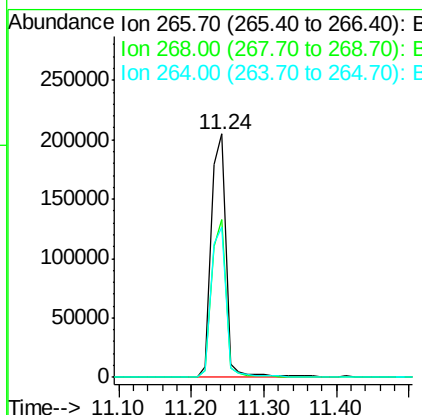
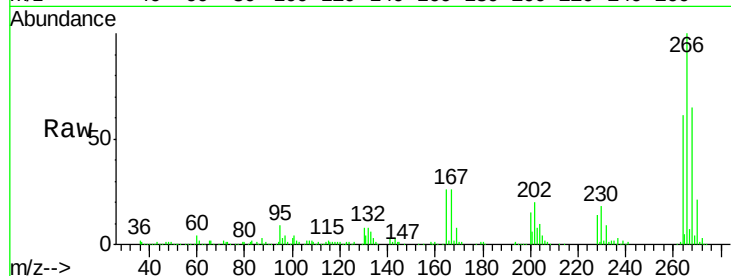




#69  
**Pentachlorophenol**  
 Concen: 93.38 ng  
 RT: 11.24 min Scan# 801  
 Delta R.T. -0.06 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

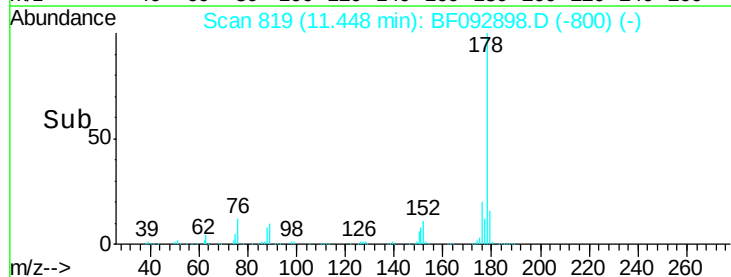
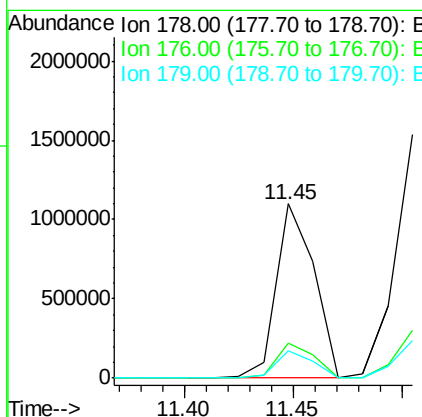
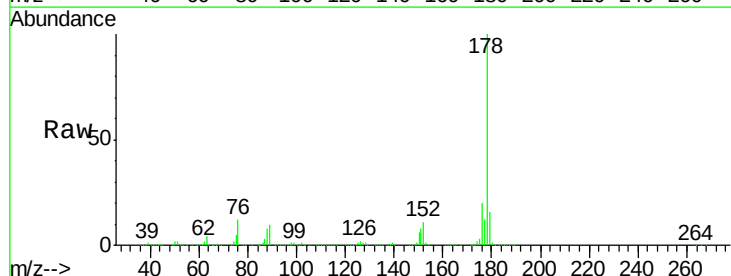
Instrument :  
 BNA\_F  
 ClientSampleId :  
 9717MS

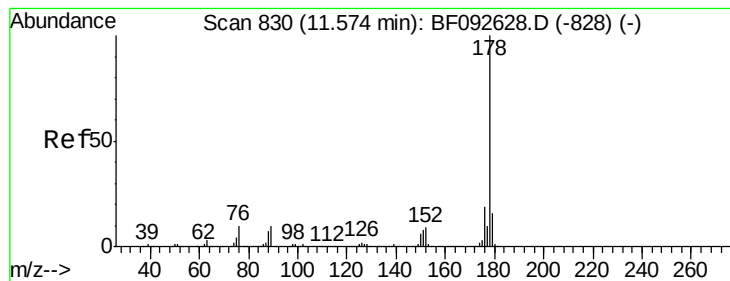
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.0  | 53.3  | 79.9  |
| 264     | 61.5  | 50.3  | 75.5  |



#70  
**Phenanthrene**  
 Concen: 40.28 ng  
 RT: 11.45 min Scan# 819  
 Delta R.T. -0.08 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.1  | 16.6  | 25.0  |
| 179     | 16.0  | 12.8  | 19.2  |





#71

Anthracene

Concen: 42.96 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Instrument :

BNA\_F

ClientSampleId :

9717MS

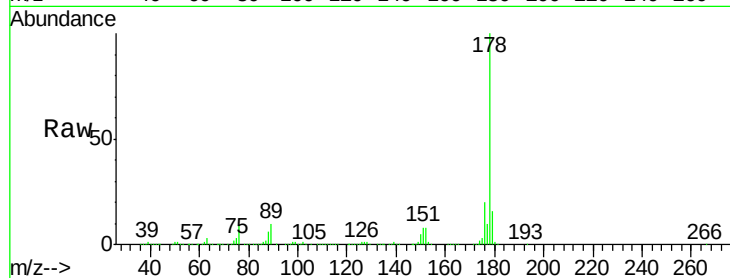
Tgt Ion:178 Resp: 1433745

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

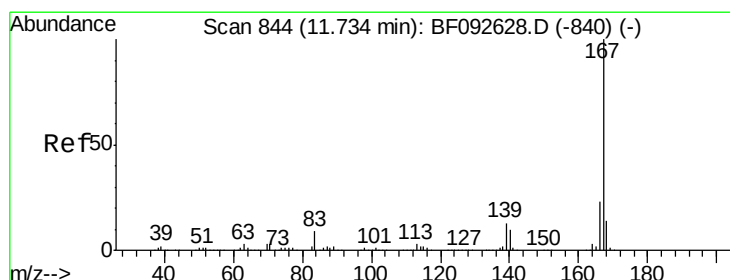
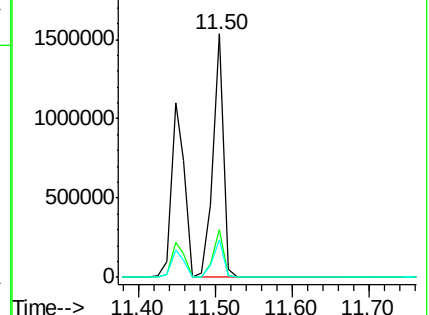
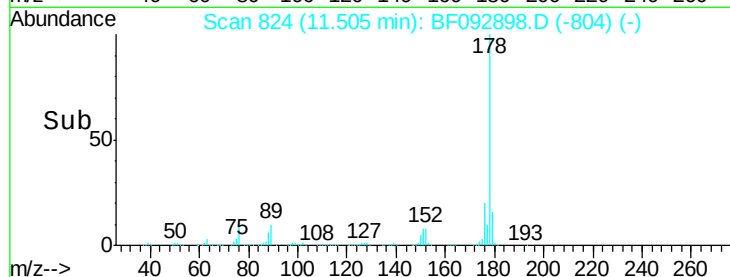
179 15.6 13.2 19.8



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: 41.96 ng

RT: 11.66 min Scan# 838

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

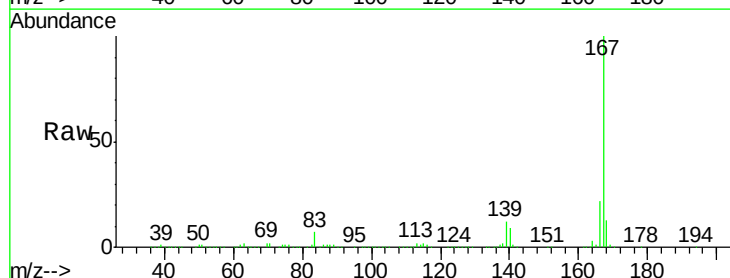
Tgt Ion:167 Resp: 1338723

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

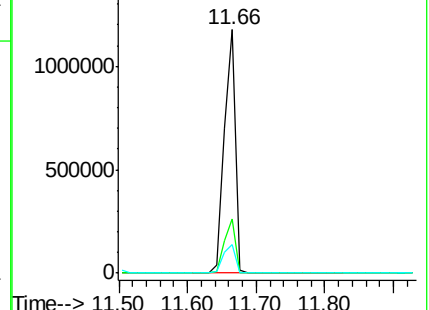
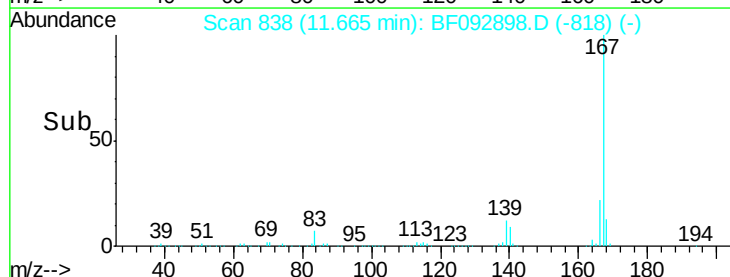
139 11.8 11.4 17.2

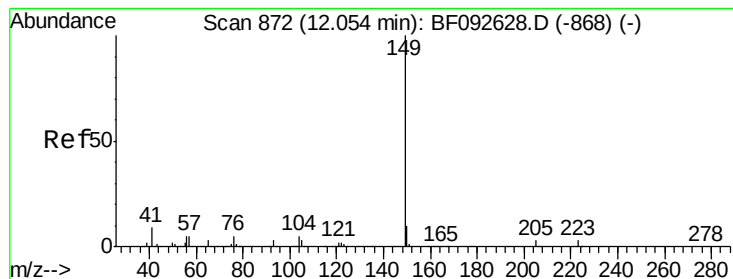


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.71 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Instrument :

BNA\_F

ClientSampleId :

9717MS

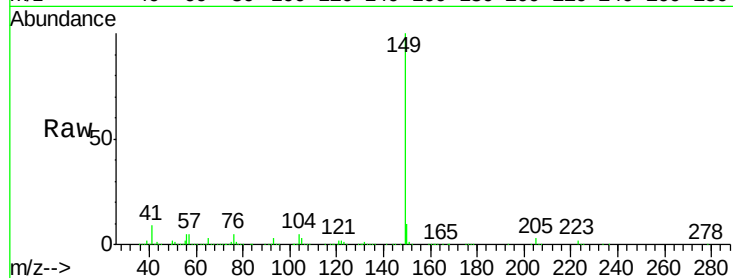
Tgt Ion:149 Resp: 1473756

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

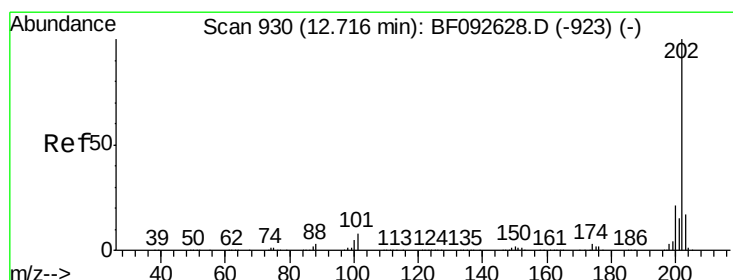
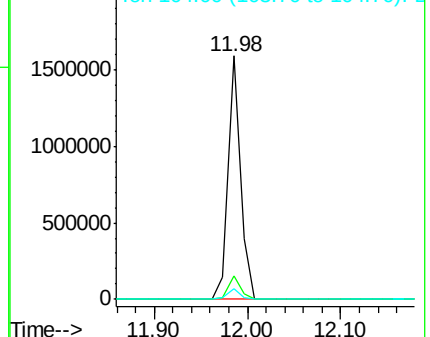
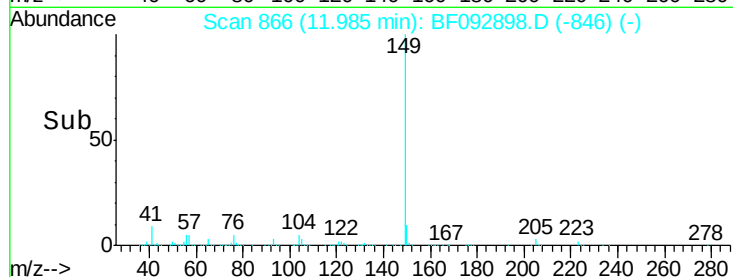
104 4.5 4.6 7.0#



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: 37.56 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.08 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

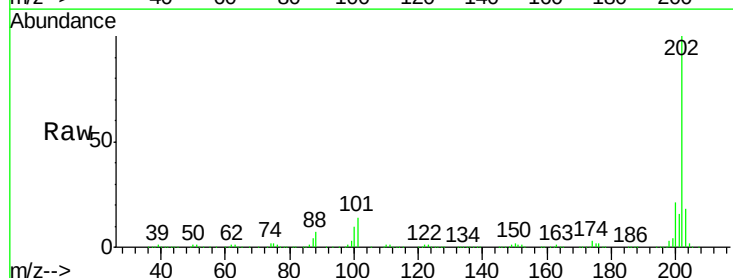
Tgt Ion:202 Resp: 1287777

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.6

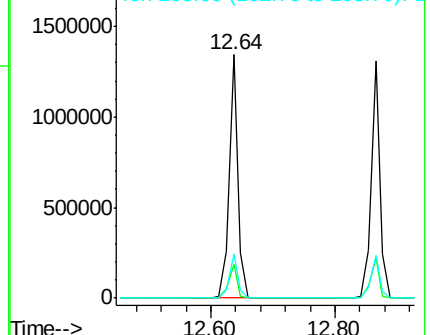
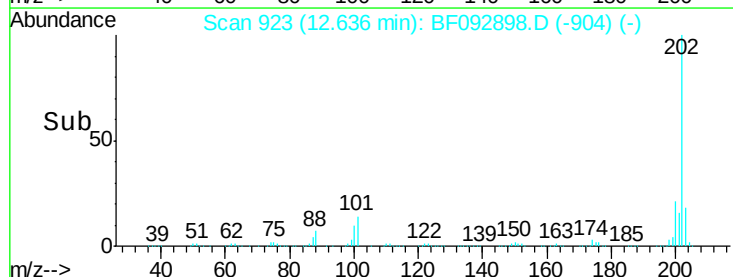
203 17.8 0.0 38.7



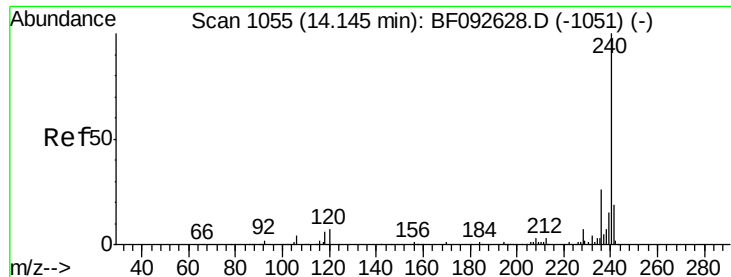
Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.08 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Instrument :

BNA\_F

ClientSampleId :

9717MS

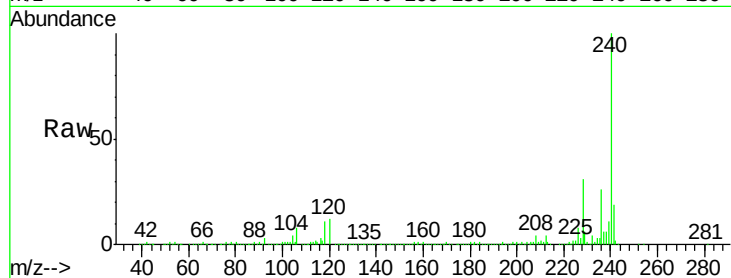
Tgt Ion:240 Resp: 461109

Ion Ratio Lower Upper

240 100

120 11.8 12.9 19.3#

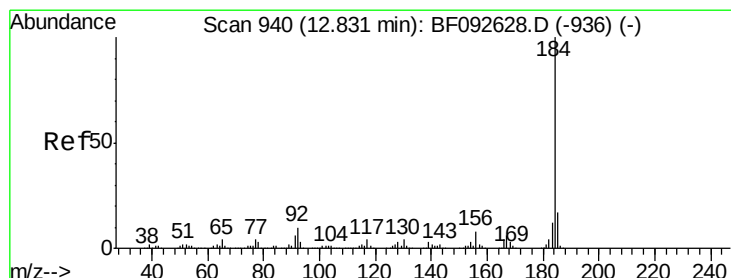
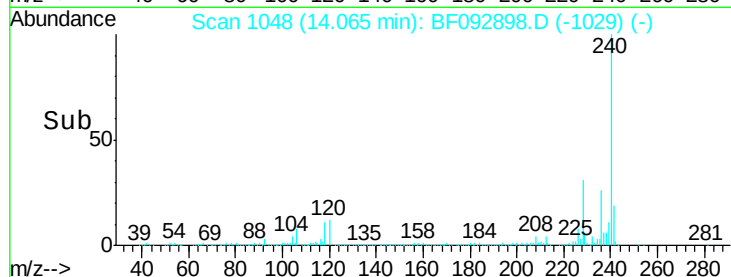
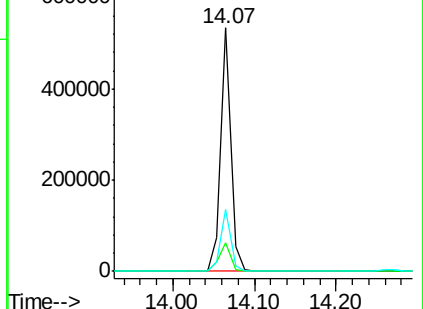
236 25.6 20.9 31.3



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: 8.69 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

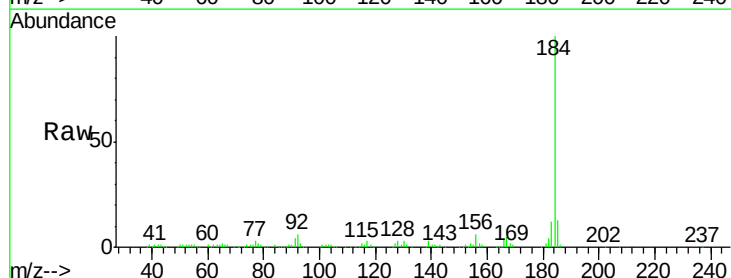
Tgt Ion:184 Resp: 170802

Ion Ratio Lower Upper

184 100

185 13.3 13.4 20.0#

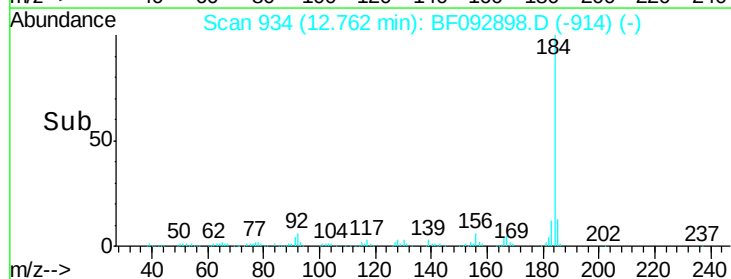
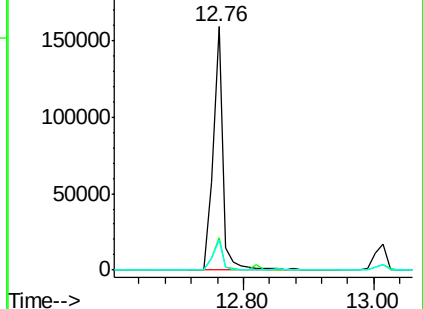
183 12.2 9.2 13.8

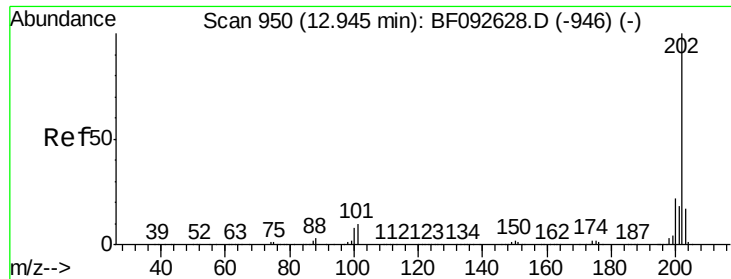


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

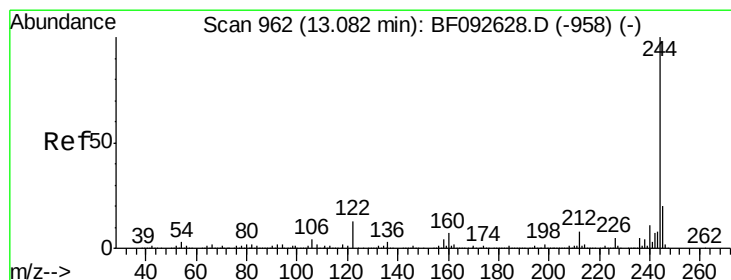
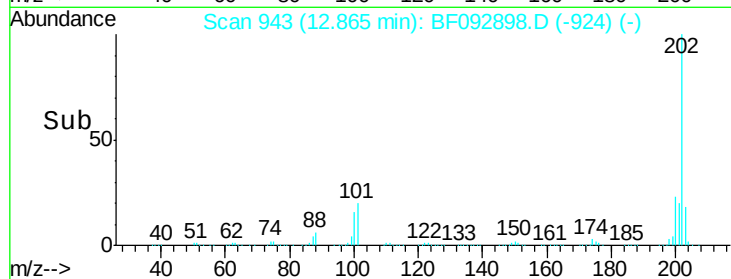
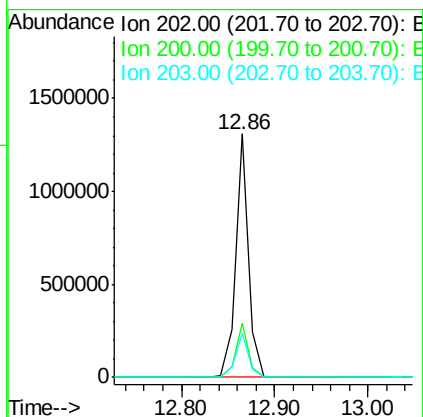
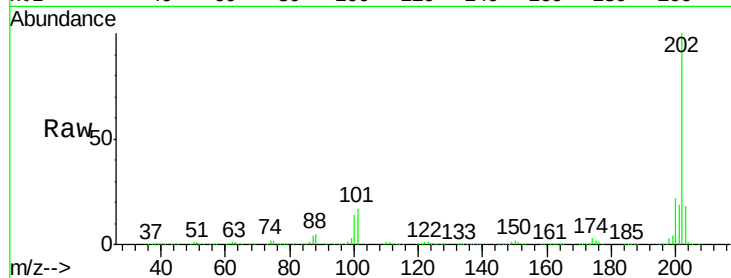




#77  
 Pyrene  
 Concen: 36.39 ng  
 RT: 12.86 min Scan# 943  
 Delta R.T. -0.08 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

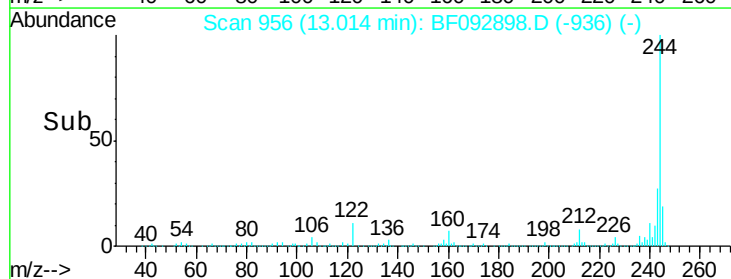
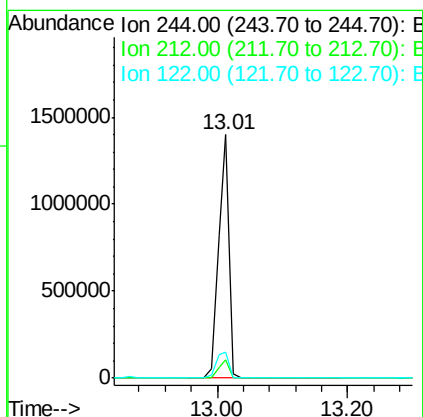
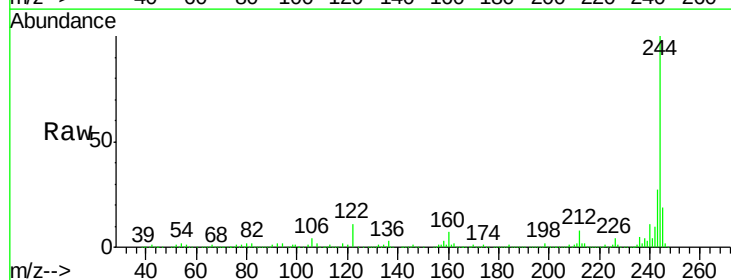
Instrument :  
 BNA\_F  
 ClientSampleId :  
 9717MS

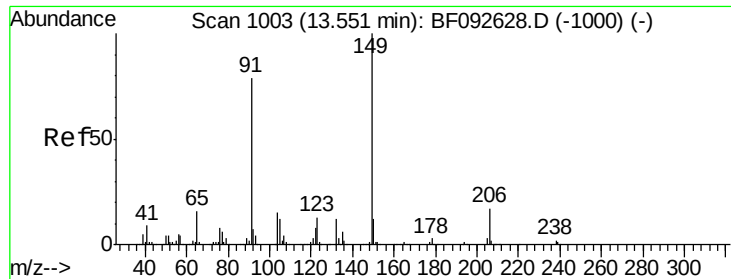
Tgt Ion: 202 Resp: 1255786  
 Ion Ratio Lower Upper  
 202 100  
 200 22.3 17.7 26.5  
 203 18.0 14.7 22.1



#78  
 Terphenyl-d14  
 Concen: 81.03 ng  
 RT: 13.01 min Scan# 956  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

Tgt Ion: 244 Resp: 1590129  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.2 9.2  
 122 10.8 11.4 17.2#

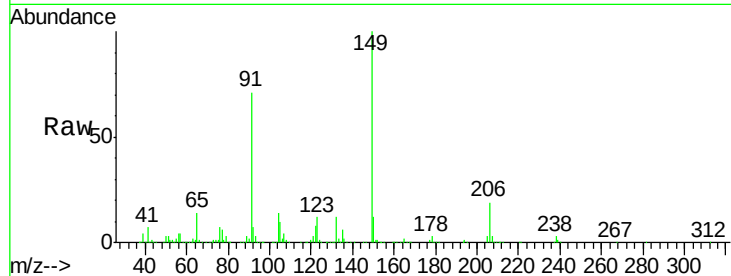




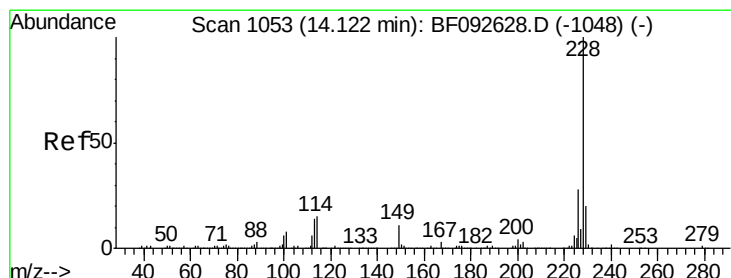
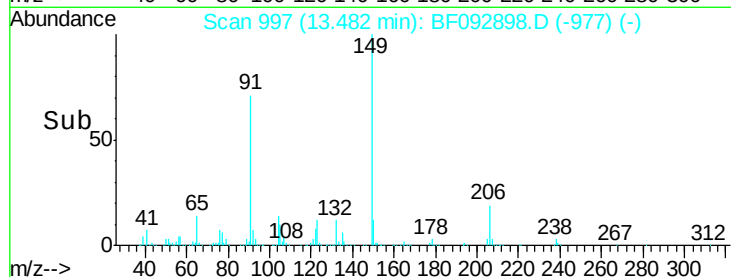
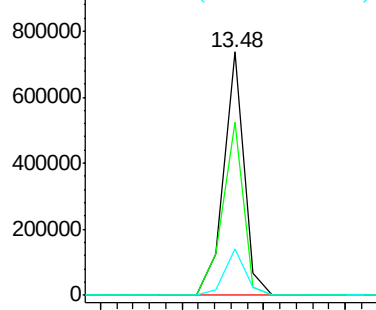
#79  
Butylbenzylphthalate  
Concen: 45.78 ng  
RT: 13.48 min Scan# 997  
Delta R.T. -0.07 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

Instrument :  
BNA\_F  
ClientSampleId :  
9717MS

Tgt Ion:149 Resp: 641522  
Ion Ratio Lower Upper  
149 100  
91 71.0 63.9 95.9  
206 19.3 14.6 21.8

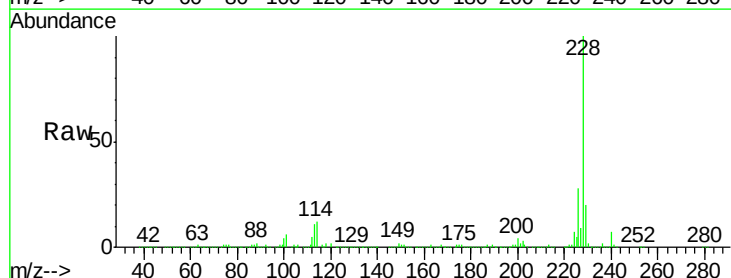


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E

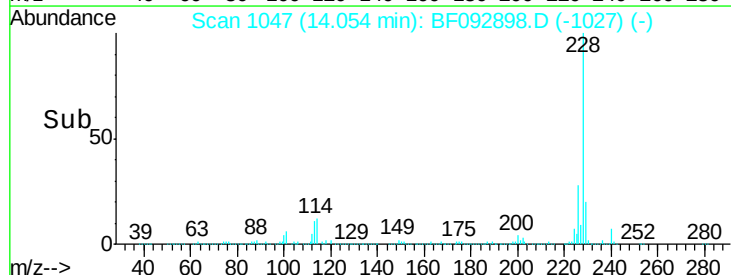
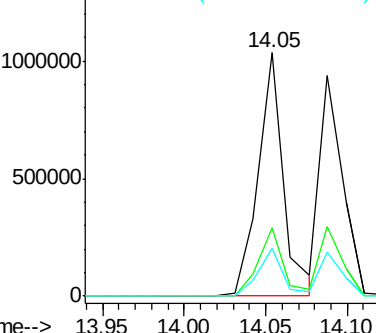


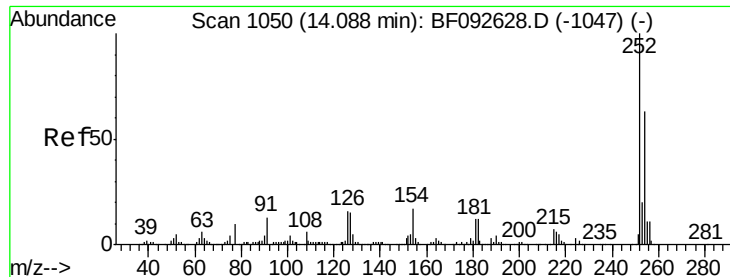
#80  
Benzo(a)anthracene  
Concen: 39.64 ng  
RT: 14.05 min Scan# 1047  
Delta R.T. -0.07 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

Tgt Ion:228 Resp: 1117888  
Ion Ratio Lower Upper  
228 100  
226 28.1 22.4 33.6  
229 19.8 16.2 24.4



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

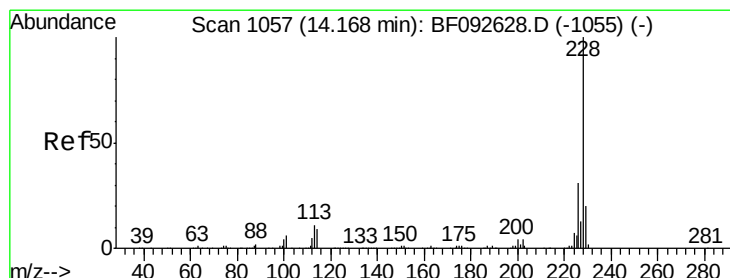
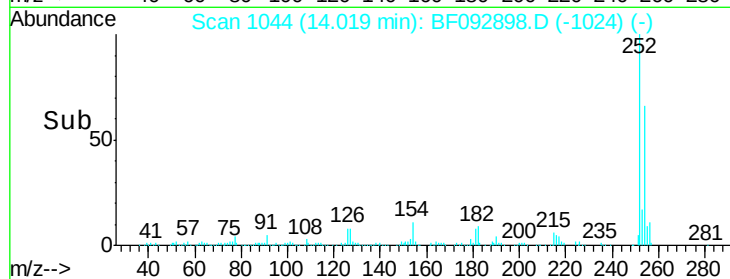
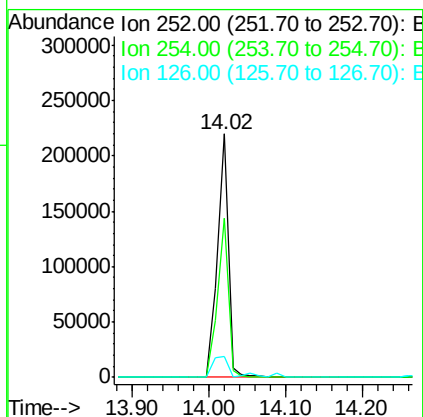
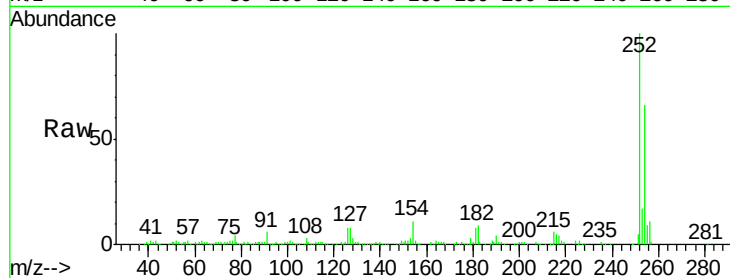




#81  
 3,3'-Dichlorobenzidine  
 Concen: 21.76 ng  
 RT: 14.02 min Scan# 1044  
 Delta R.T. -0.07 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

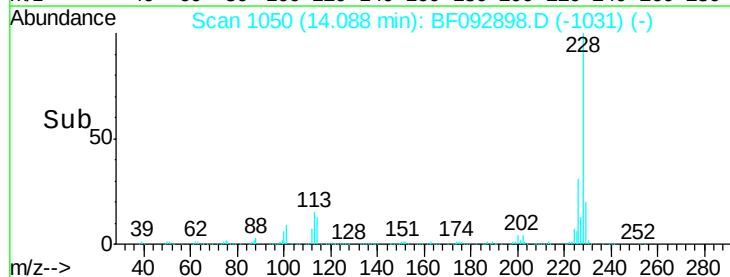
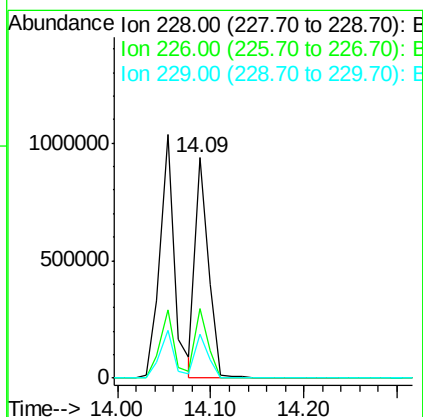
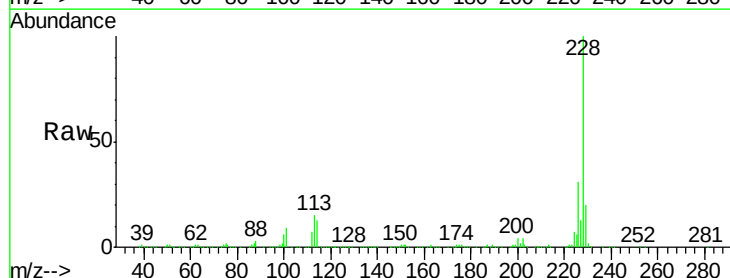
Instrument :  
 BNA\_F  
 ClientSampleId :  
 9717MS

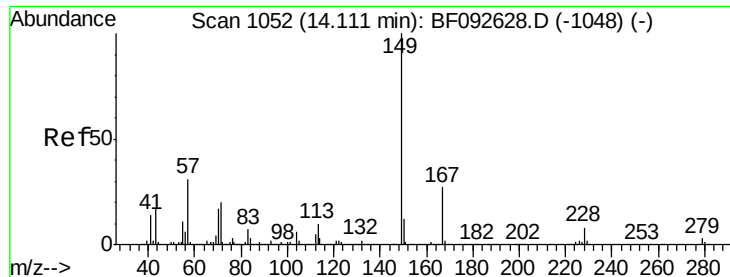
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.6  | 52.3  | 78.5  |
| 126     | 8.4   | 13.6  | 20.4  |



#82  
 Chrysene  
 Concen: 35.56 ng  
 RT: 14.09 min Scan# 1050  
 Delta R.T. -0.08 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.3  | 25.4  | 38.0  |
| 229     | 20.0  | 16.2  | 24.2  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.29 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.07 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Instrument :

BNA\_F

ClientSampleId :

9717MS

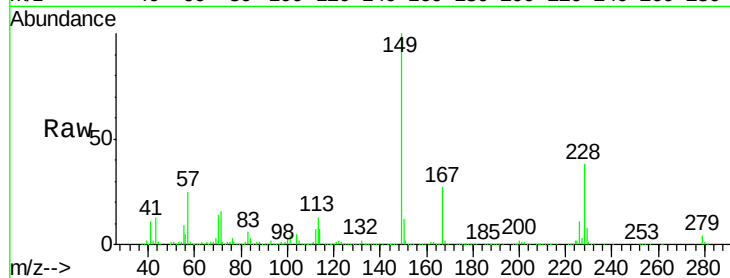
Tgt Ion:149 Resp: 887068

Ion Ratio Lower Upper

149 100

167 27.2 20.2 30.4

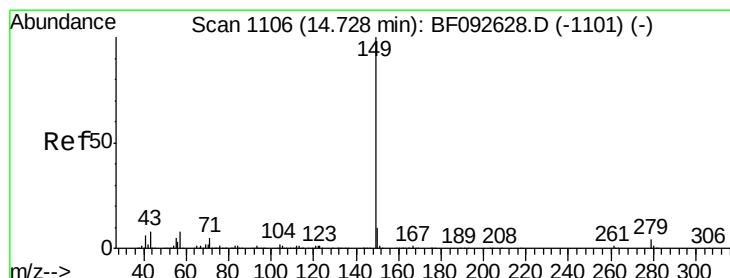
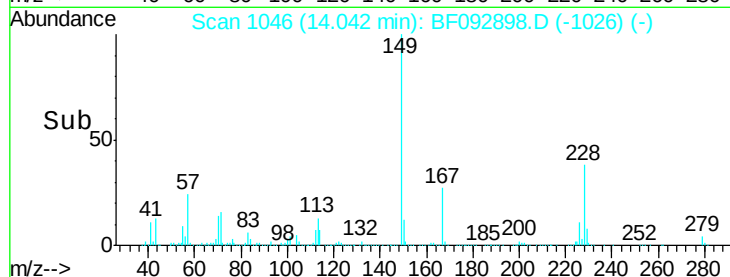
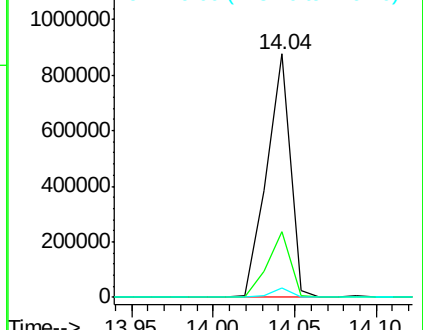
279 3.7 1.8 2.8#



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: 46.62 ng

RT: 14.65 min Scan# 1099

Delta R.T. -0.08 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

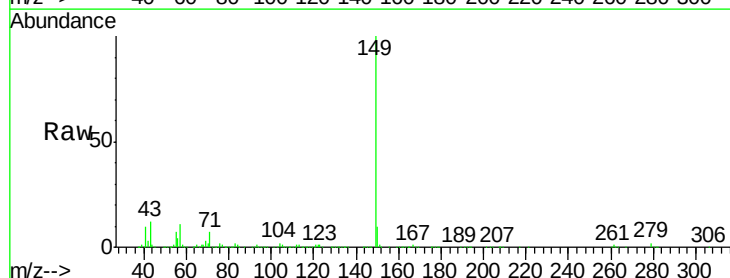
Tgt Ion:149 Resp: 1454933

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

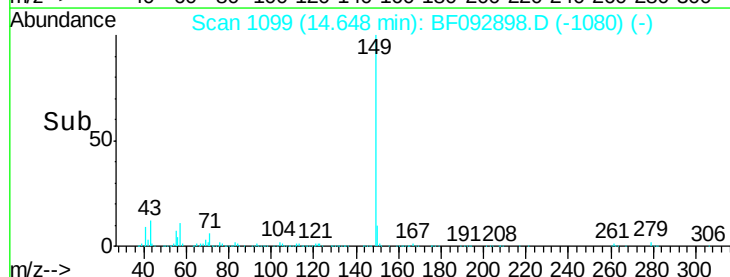
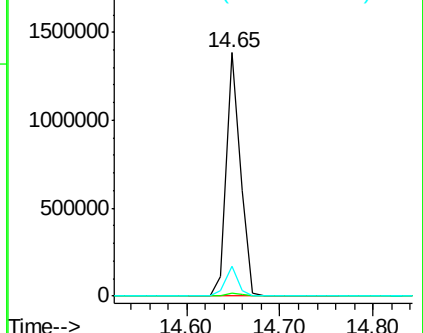
43 10.8 8.9 13.3

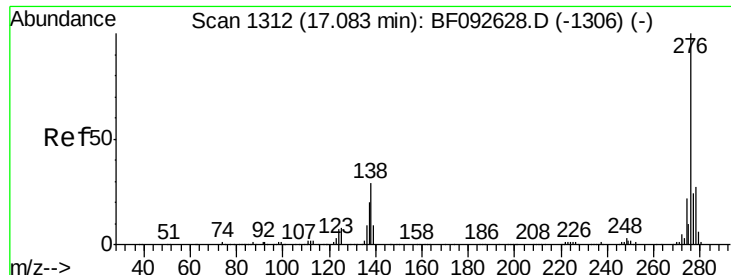


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

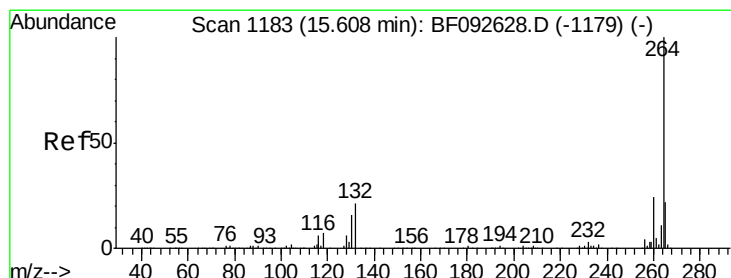
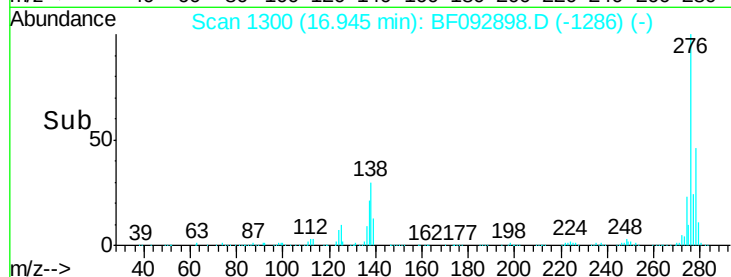
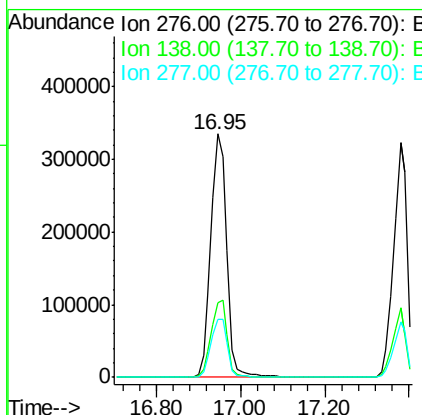
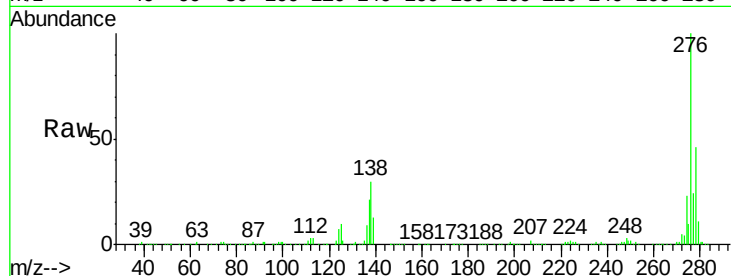




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.55 ng  
 RT: 16.95 min Scan# 1300  
 Delta R.T. -0.14 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

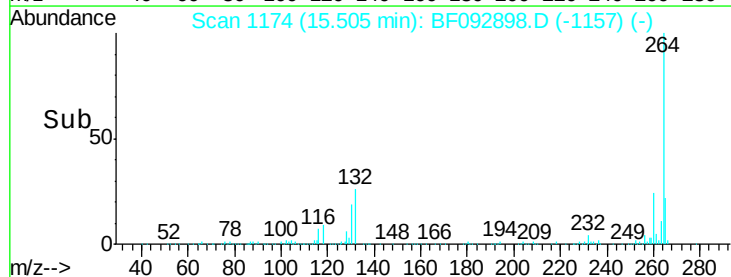
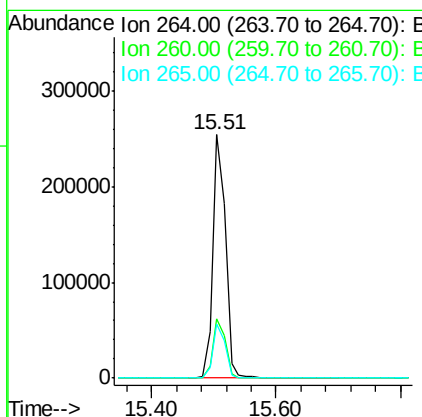
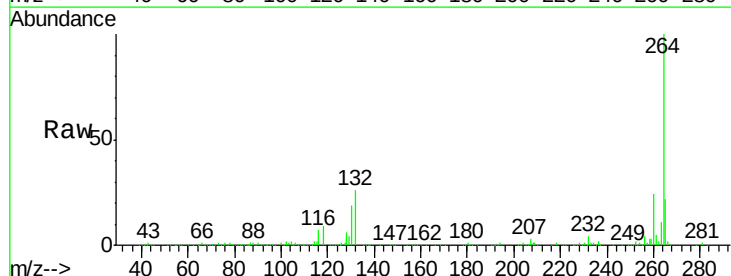
Instrument :  
 BNA\_F  
 ClientSampleId :  
 9717MS

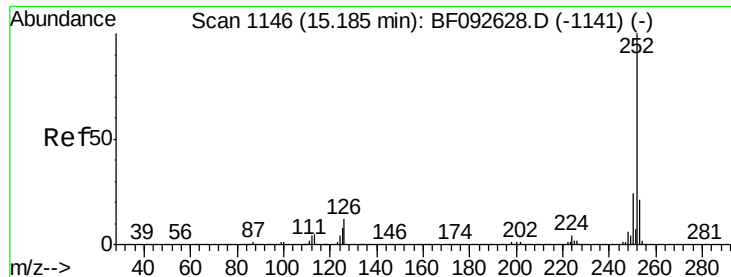
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 32.2  | 21.8  | 32.6  |
| 277     | 24.8  | 20.2  | 30.4  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.51 min Scan# 1174  
 Delta R.T. -0.10 min  
 Lab File: BF092898.D  
 Acq: 10 Feb 2017 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 19.2  | 28.8  |
| 265     | 22.3  | 17.4  | 26.0  |

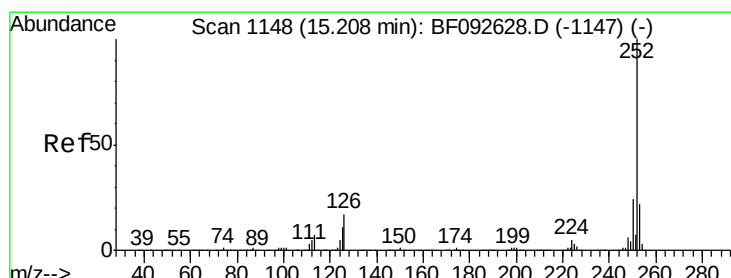
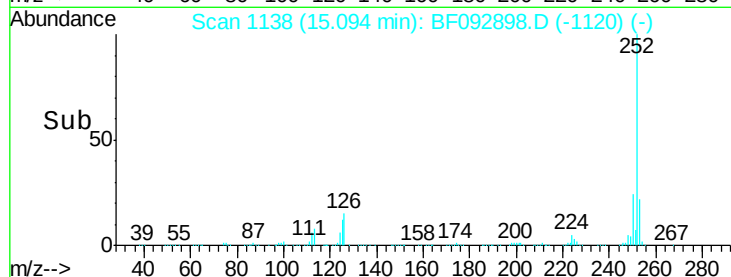
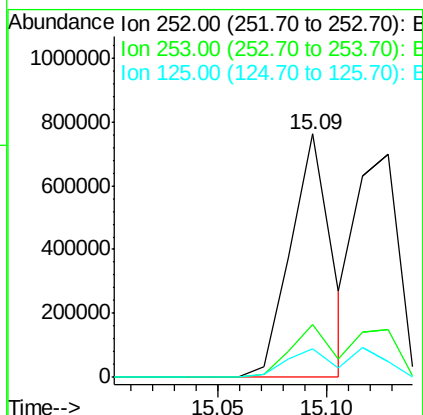
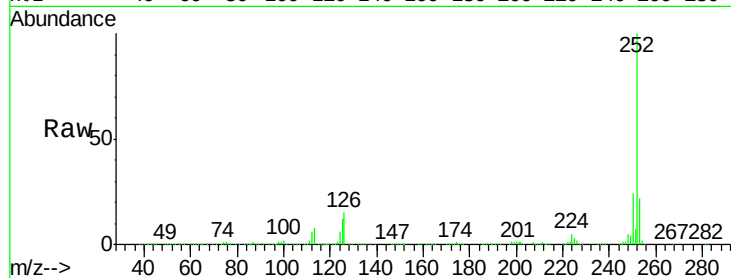




#87  
Benzo(b)fluoranthene  
Concen: 42.49 ng  
RT: 15.09 min Scan# 1138  
Delta R.T. -0.09 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

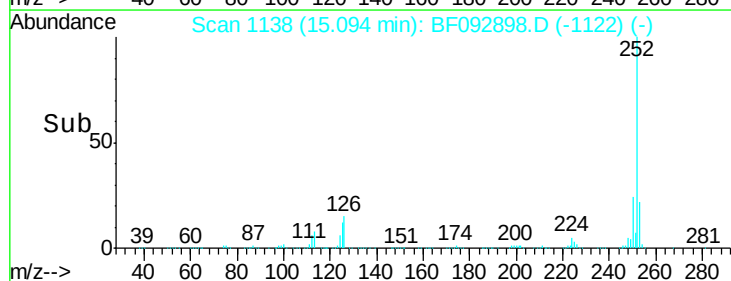
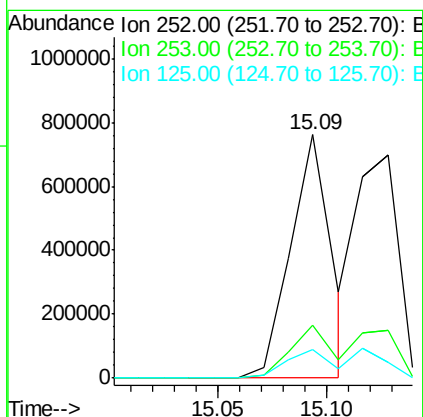
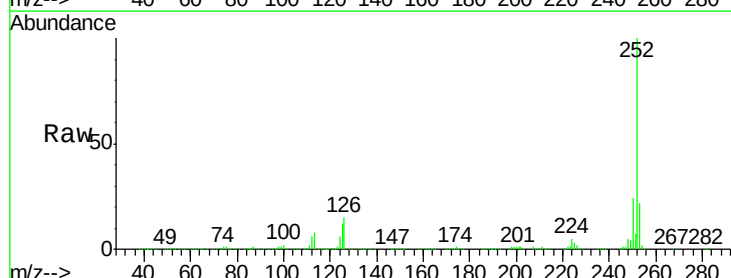
Instrument :  
BNA\_F  
ClientSampleId :  
9717MS

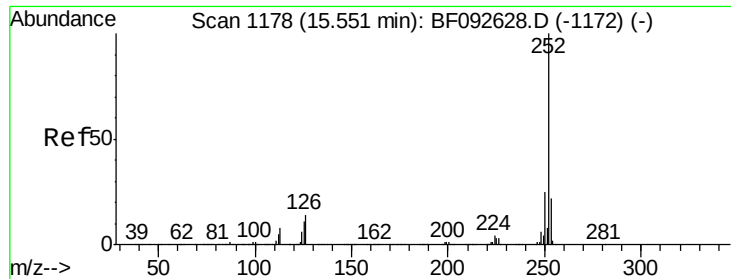
Tgt Ion:252 Resp: 985635  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.2 27.4  
125 11.9 9.8 14.6



#88  
Benzo(k)fluoranthene  
Concen: 49.21 ng  
RT: 15.09 min Scan# 1138  
Delta R.T. -0.11 min  
Lab File: BF092898.D  
Acq: 10 Feb 2017 22:12

Tgt Ion:252 Resp: 985635  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.5 27.7  
125 11.9 8.9 13.3





#89

Benzo(a)pyrene

Concen: 43.82 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.10 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

Instrument :

BNA\_F

ClientSampleId :

9717MS

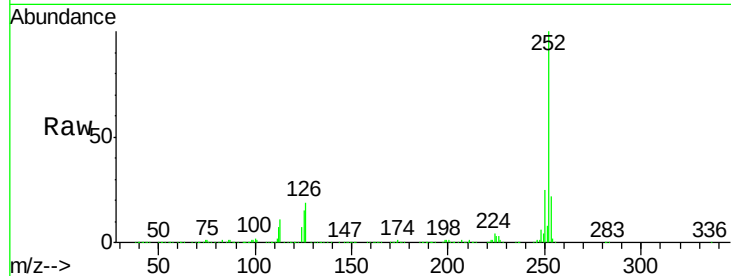
Tgt Ion:252 Resp: 879259

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

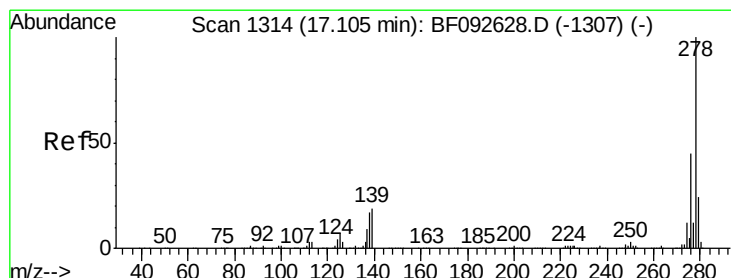
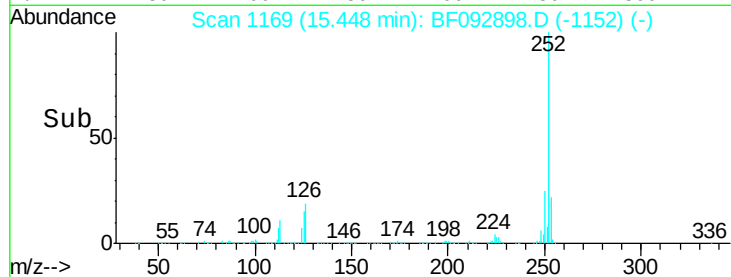
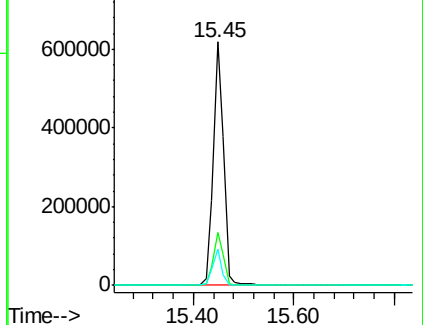
125 15.0 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.84 ng

RT: 16.97 min Scan# 1302

Delta R.T. -0.14 min

Lab File: BF092898.D

Acq: 10 Feb 2017 22:12

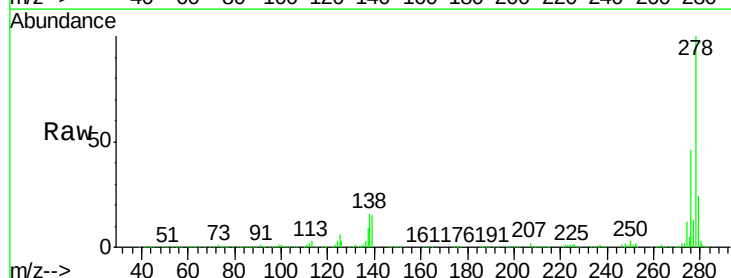
Tgt Ion:278 Resp: 743442

Ion Ratio Lower Upper

278 100

139 15.4 14.8 22.2

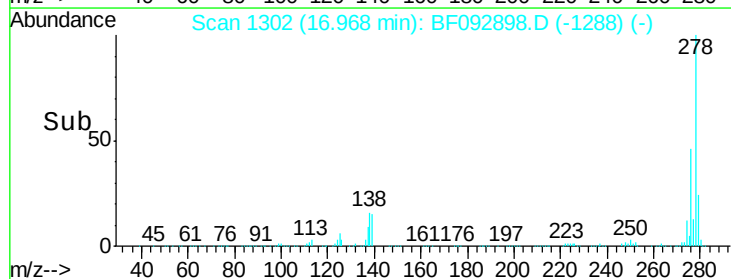
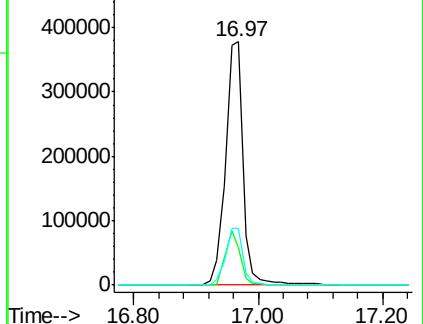
279 23.6 19.8 29.6



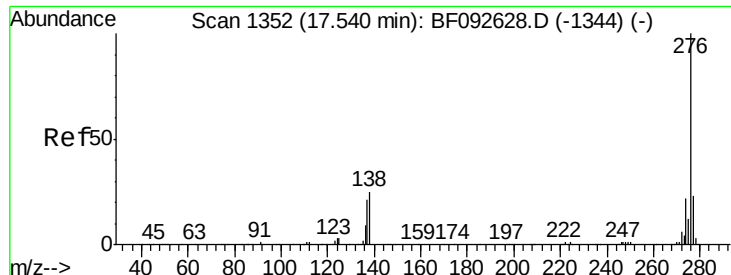
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E







#91

Benzo(g,h,i)perylene

Concen: 46.18 ng

RT: 17.38 min Scan# 1338

Delta R.T. -0.16 min

Lab File: BF092898.D

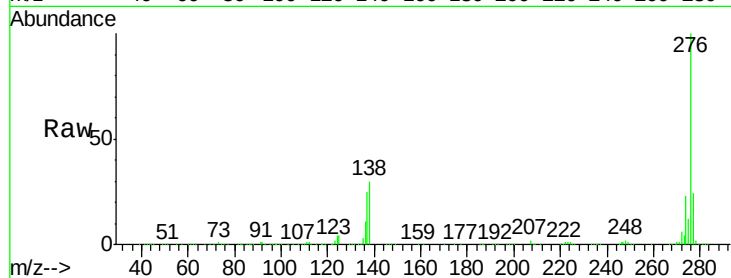
Acq: 10 Feb 2017 22:12

Instrument :

BNA\_F

ClientSampleId :

9717MS



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 756515 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 23.7  | 19.2  | 28.8   |
| 138      | 29.8  | 16.0  | 24.0   |

