

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020117\  
 Data File : BF092709.D  
 Acq On : 1 Feb 2017 17:31  
 Operator : SJ/MA  
 Sample : I1615-02MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-2MSD

Quant Time: Feb 01 23:49:07 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 | 6.94  | 152  | 162825   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.24  | 136  | 630288   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 10.00 | 164  | 338165   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.49 | 188  | 564095   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.12 | 240  | 388723   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.60 | 264  | 344053   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 1224176 | 128.99 | ng | -0.01 |
| 7) Phenol-d6             | 6.59  | 99  | 1622776 | 132.89 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.52  | 82  | 989988  | 87.47  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 284087  | 116.15 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 9.32  | 172 | 1722130 | 92.26  | ng | -0.01 |
| 78) Terphenyl-d14        | 13.07 | 244 | 1306566 | 78.98  | ng | -0.01 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.64 | 88  | 195439  | 38.11 | ng | # 84   |
| 3) Pyridine                    | 3.39 | 79  | 570333  | 43.74 | ng | 88     |
| 4) n-Nitrosodimethylamine      | 3.36 | 42  | 304955  | 49.81 | ng | 85     |
| 6) Aniline                     | 6.61 | 93  | 577528  | 34.67 | ng | # 71   |
| 8) 2-Chlorophenol              | 6.74 | 128 | 494046  | 47.19 | ng | 97     |
| 9) Benzaldehyde                | 6.49 | 77  | 327367  | 37.42 | ng | 87     |
| 10) Phenol                     | 6.61 | 94  | 641206  | 44.88 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.68 | 93  | 481955  | 42.26 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 6.97 | 146 | 553841  | 45.16 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.97 | 146 | 553841  | 44.62 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 7.12 | 146 | 477327  | 40.22 | ng | 97     |
| 15) Benzyl Alcohol             | 7.09 | 79  | 414279  | 45.82 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23 | 45  | 891210  | 44.98 | ng | 94     |
| 17) 2-Methylphenol             | 7.21 | 107 | 408227  | 45.45 | ng | 97     |
| 18) Hexachloroethane           | 7.46 | 117 | 180351  | 42.56 | ng | 90     |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70  | 361255  | 46.47 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.37 | 107 | 487229  | 45.37 | ng | 91     |
| 22) Acetophenone               | 7.36 | 105 | 638798  | 44.39 | ng | # 93   |
| 24) Nitrobenzene               | 7.54 | 77  | 579462  | 49.86 | ng | # 88   |
| 25) Isophorone                 | 7.78 | 82  | 1023769 | 48.54 | ng | 99     |
| 26) 2-Nitrophenol              | 7.85 | 139 | 257894  | 46.68 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 7.89 | 122 | 421999  | 43.49 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.98 | 93  | 616008  | 44.10 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.10 | 162 | 427463  | 47.24 | ng | 91     |
| 30) 1,2,4-Trichlorobenzene     | 8.18 | 180 | 430107  | 44.11 | ng | 97     |
| 31) Naphthalene                | 8.26 | 128 | 1327066 | 41.53 | ng | 99     |
| 32) Benzoic acid               | 7.97 | 122 | 31534   | 12.05 | ng | 91     |
| 33) 4-Chloroaniline            | 8.30 | 127 | 283858  | 22.65 | ng | # 93   |
| 34) Hexachlorobutadiene        | 8.37 | 225 | 217382  | 40.52 | ng | 99     |
| 35) Caprolactam                | 8.68 | 113 | 106877  | 37.55 | ng | # 42   |
| 36) 4-Chloro-3-methylphenol    | 8.81 | 107 | 471249  | 49.95 | ng | 95     |
| 37) 2-Methylnaphthalene        | 8.96 | 142 | 946023  | 46.11 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 380690  | 40.10 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.10 | 237 | 343393  | 80.18 | ng | 97     |

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 ALS Vial : 9 Sample Multiplier: 1

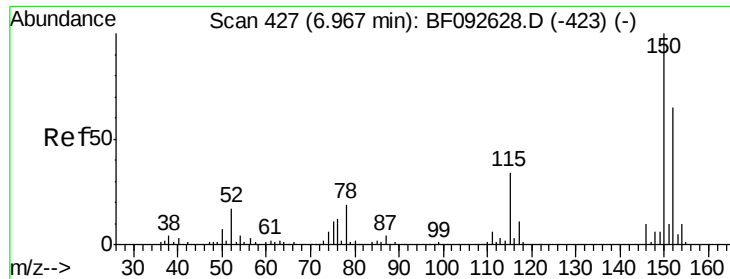
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-2MSD

Quant Time: Feb 01 23:49:07 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) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.24  | 196  | 301143   | 48.28 | ng    | 94       |
| 43) 2,4,5-Trichlorophenol      | 9.28  | 196  | 287708   | 42.10 | ng    | 98       |
| 45) 1,1'-Biphenyl              | 9.42  | 154  | 1106333  | 45.18 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 9.45  | 162  | 881645   | 46.03 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.54  | 65   | 298373   | 46.33 | ng    | 89       |
| 48) Acenaphthylene             | 9.86  | 152  | 1358016  | 41.04 | ng    | 99       |
| 49) Dimethylphthalate          | 9.72  | 163  | 1479393  | 64.95 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.79  | 165  | 246003   | 50.01 | ng    | 96       |
| 51) Acenaphthene               | 10.03 | 154  | 862856   | 43.61 | ng    | 98       |
| 52) 3-Nitroaniline             | 9.96  | 138  | 180290   | 32.03 | ng    | # 76     |
| 53) 2,4-Dinitrophenol          | 10.06 | 184  | 125052   | 51.75 | ng    | # 89     |
| 54) Dibenzofuran               | 10.21 | 168  | 1219813  | 46.10 | ng    | 90       |
| 55) 4-Nitrophenol              | 10.13 | 139  | 316014   | 77.94 | ng    | 94       |
| 56) 2,4-Dinitrotoluene         | 10.19 | 165  | 283674   | 43.32 | ng    | 99       |
| 57) Fluorene                   | 10.56 | 166  | 885976   | 43.52 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.28 | 232  | 204485   | 44.85 | ng    | 90       |
| 59) Diethylphthalate           | 10.43 | 149  | 934886   | 43.55 | ng    | # 94     |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204  | 427723   | 43.73 | ng    | # 83     |
| 61) 4-Nitroaniline             | 10.58 | 138  | 251870   | 43.68 | ng    | 95       |
| 62) Azobenzene                 | 10.70 | 77   | 1135990  | 51.22 | ng    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.60 | 198  | 147261   | 43.17 | ng    | # 72     |
| 65) n-Nitrosodiphenylamine     | 10.66 | 169  | 805906   | 44.72 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.04 | 248  | 262531   | 44.55 | ng    | # 90     |
| 67) Hexachlorobenzene          | 11.10 | 284  | 248907   | 42.74 | ng    | # 92     |
| 68) Atrazine                   | 11.20 | 200  | 270591   | 46.79 | ng    | 95       |
| 69) Pentachlorophenol          | 11.30 | 266  | 239660   | 79.74 | ng    | 97       |
| 70) Phenanthrene               | 11.52 | 178  | 1270400  | 39.31 | ng    | 100      |
| 71) Anthracene                 | 11.57 | 178  | 1454174  | 44.81 | ng    | 98       |
| 72) Carbazole                  | 11.72 | 167  | 1156676  | 37.28 | ng    | 99       |
| 73) Di-n-butylphthalate        | 12.05 | 149  | 1572238  | 46.86 | ng    | # 96     |
| 74) Fluoranthene               | 12.70 | 202  | 1375060  | 41.25 | ng    | 96       |
| 76) Benzidine                  | 12.83 | 184  | 674364   | 40.71 | ng    | 96       |
| 77) Pyrene                     | 12.93 | 202  | 1340960  | 46.10 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.54 | 149  | 608353   | 51.50 | ng    | 98       |
| 80) Benzo(a)anthracene         | 14.11 | 228  | 1041339  | 43.80 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 14.08 | 252  | 251924   | 29.73 | ng    | 97       |
| 82) Chrysene                   | 14.16 | 228  | 1032864  | 46.40 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.10 | 149  | 807010   | 49.95 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 14.71 | 149  | 1303306  | 49.54 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.07 | 276  | 964851   | 55.96 | ng    | 94       |
| 87) Benzo(b)fluoranthene       | 15.20 | 252  | 1810276  | 79.94 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 15.20 | 252  | 1810624  | 92.60 | ng    | 99       |
| 89) Benzo(a)pyrene             | 15.53 | 252  | 887301   | 45.30 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 17.08 | 278  | 796205   | 50.29 | ng    | # 96     |
| 91) Benzo(g,h,i)perylene       | 17.52 | 276  | 798102   | 49.90 | ng    | # 91     |

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



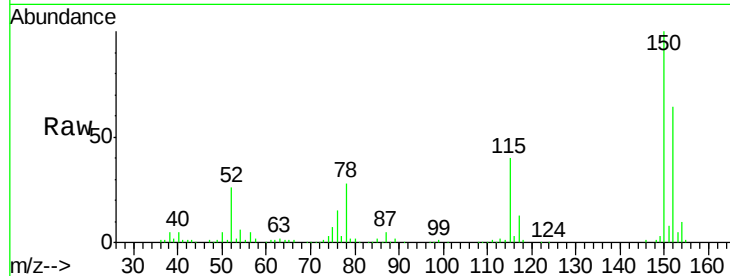


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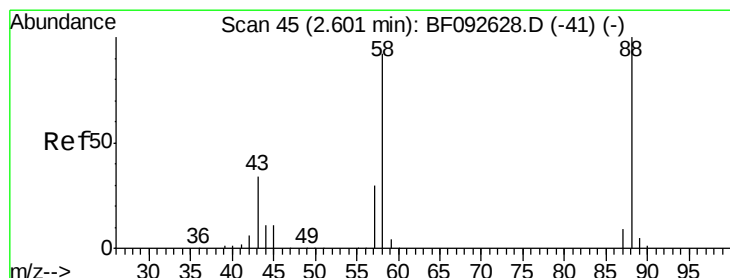
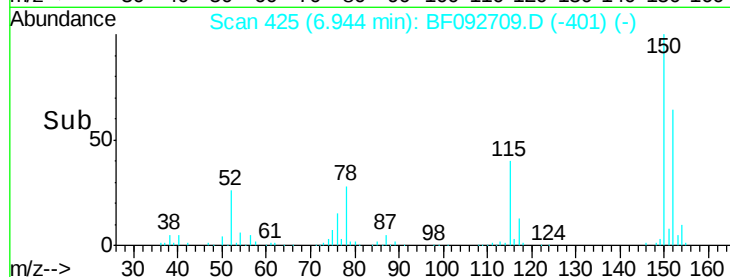
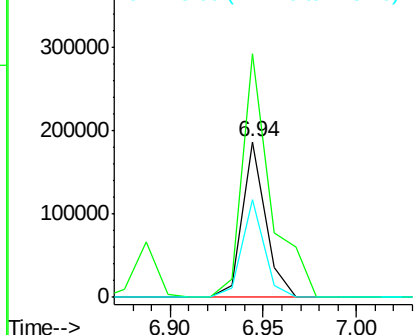
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.94 min Scan# 425  
Delta R.T. -0.02 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

Instrument :  
BNA\_F  
ClientSampleId :  
SS-2MSD

Tgt Ion:152 Resp: 162825  
Ion Ratio Lower Upper  
152 100  
150 156.2 124.9 187.3  
115 62.6 46.0 69.0



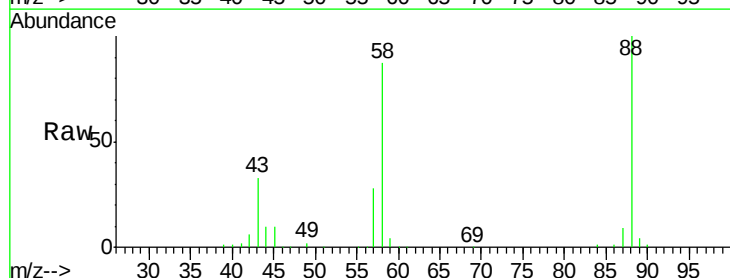
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



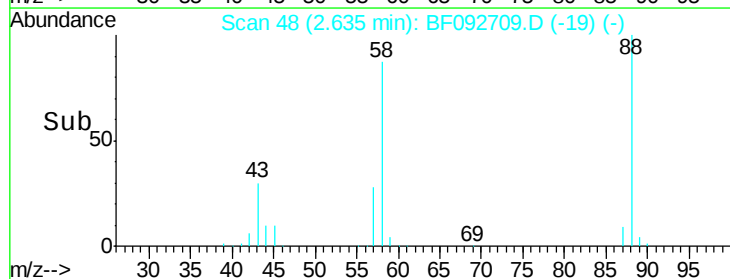
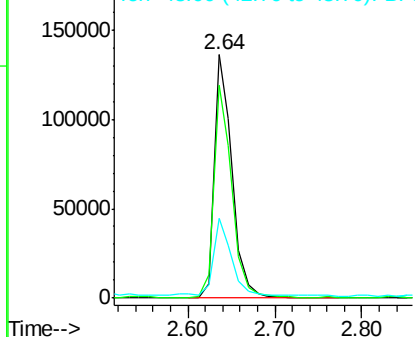
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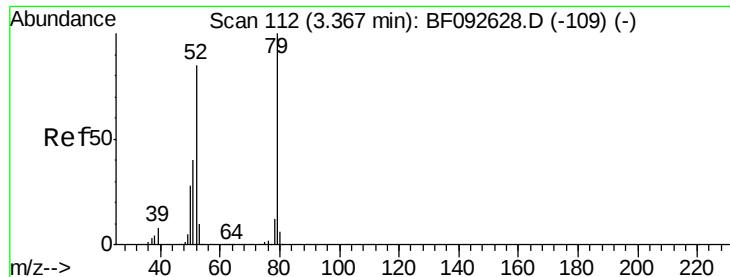
1,4-Dioxane  
Concen: 38.11 ng  
RT: 2.64 min Scan# 48  
Delta R.T. 0.03 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

Tgt Ion: 88 Resp: 195439  
Ion Ratio Lower Upper  
88 100  
58 87.2 57.8 86.8#  
43 33.1 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: 43.74 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.02 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

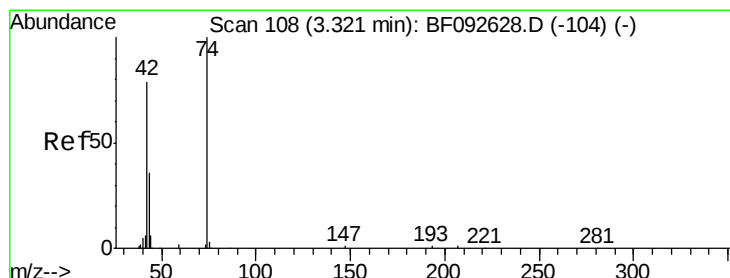
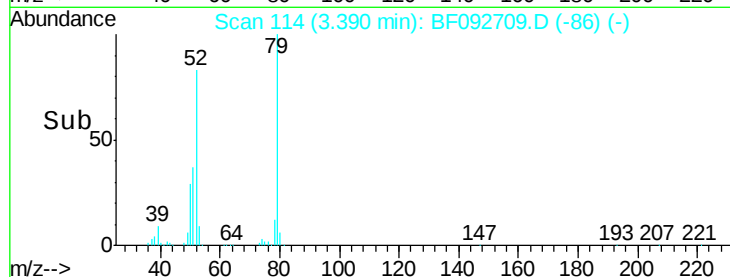
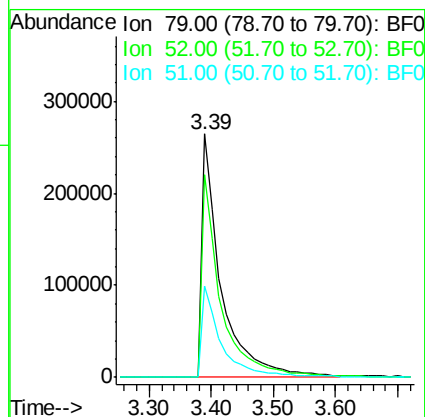
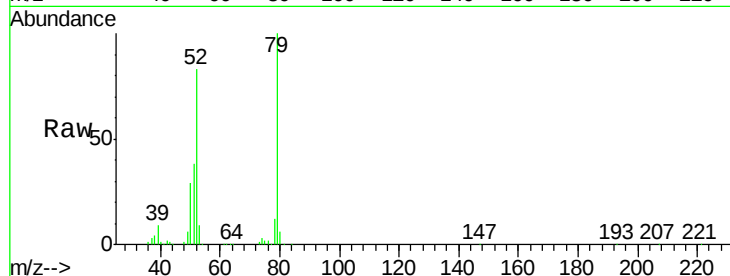
Tgt Ion: 79 Resp: 570333

Ion Ratio Lower Upper

79 100

52 83.2 57.1 85.7

51 37.6 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 49.81 ng

RT: 3.36 min Scan# 111

Delta R.T. 0.03 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

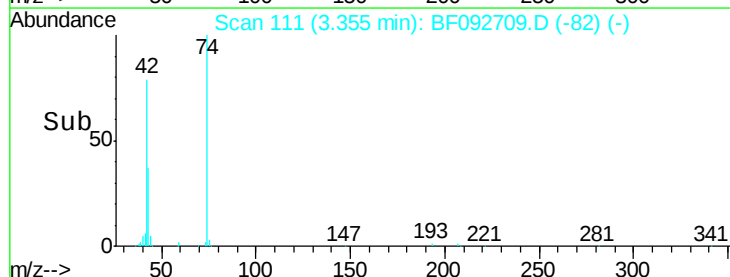
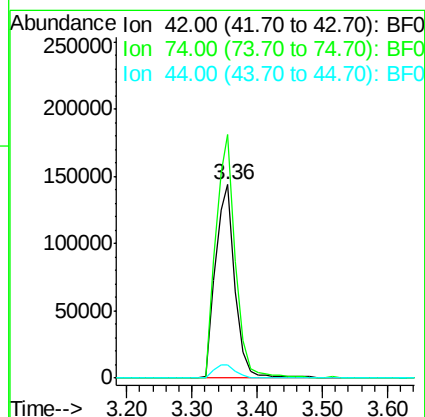
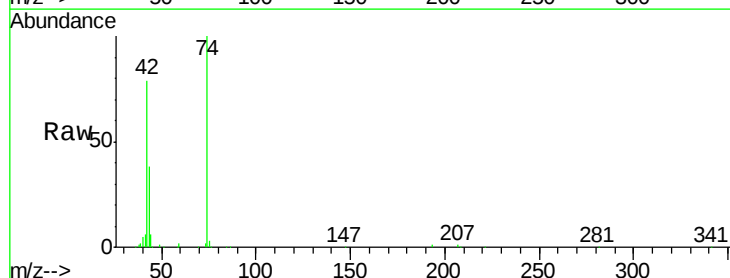
Tgt Ion: 42 Resp: 304955

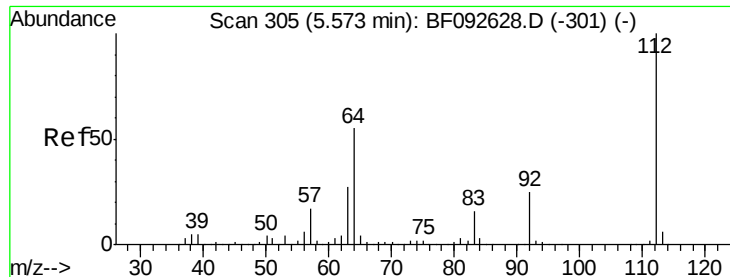
Ion Ratio Lower Upper

42 100

74 126.1 117.0 175.4

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 128.99 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

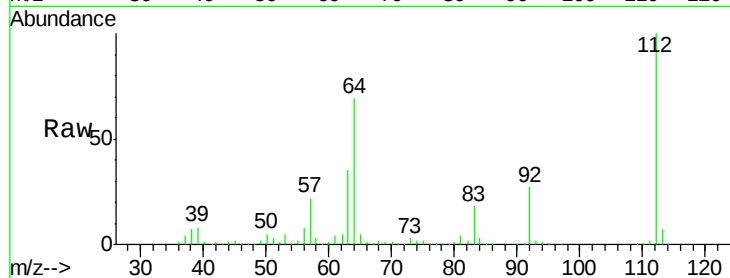
Tgt Ion: 112 Resp: 1224176

Ion Ratio Lower Upper

112 100

64 69.0 46.1 69.1

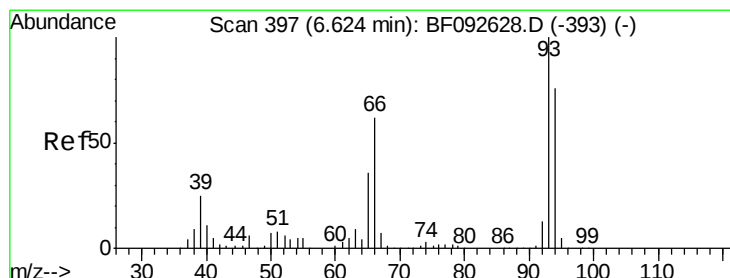
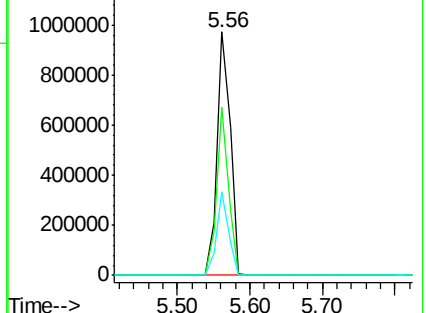
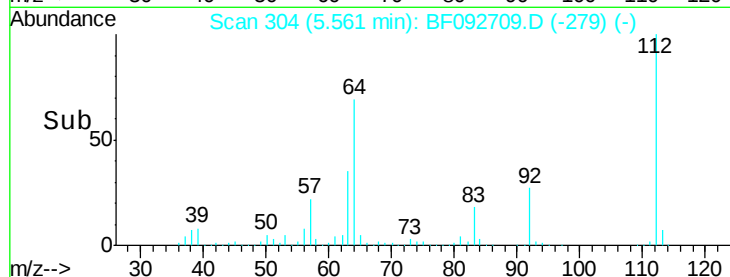
63 34.5 23.8 35.6



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: 34.67 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

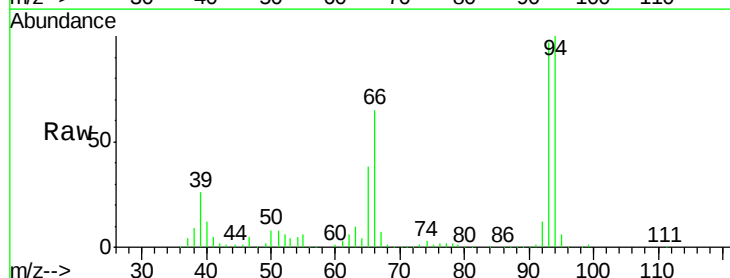
Tgt Ion: 93 Resp: 577528

Ion Ratio Lower Upper

93 100

66 67.3 76.2 114.2#

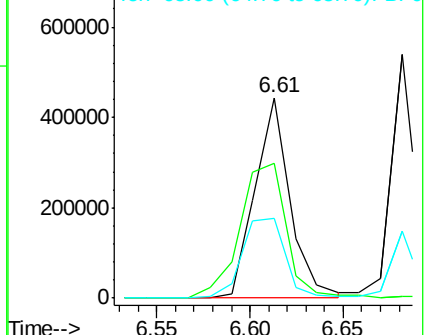
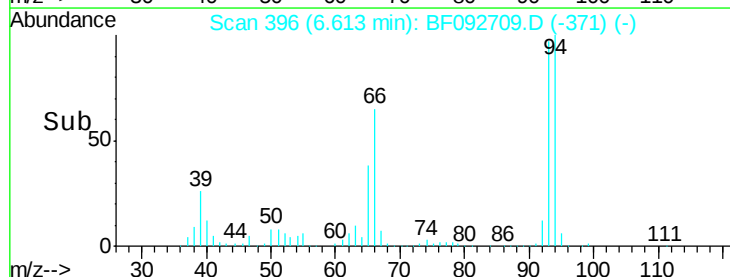
65 39.6 49.3 73.9#

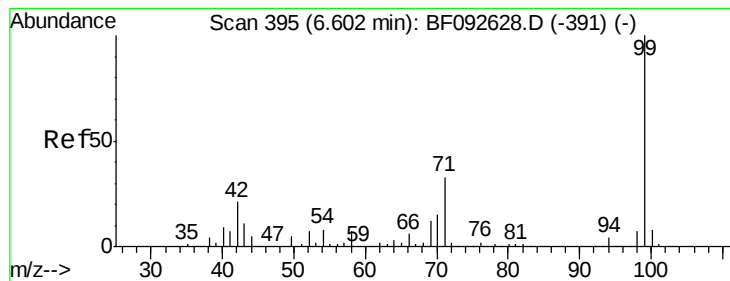


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.89 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092709.D

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Instrument :

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ClientSampleId :

SS-2MSD

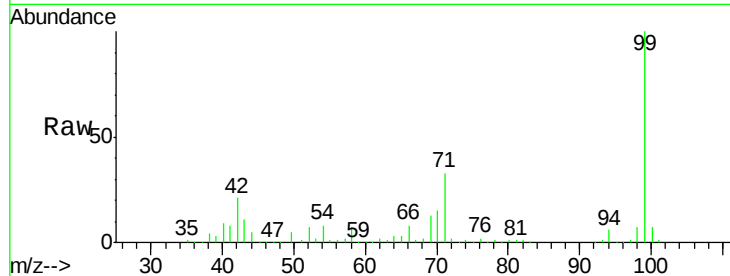
Tgt Ion: 99 Resp: 1622776

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

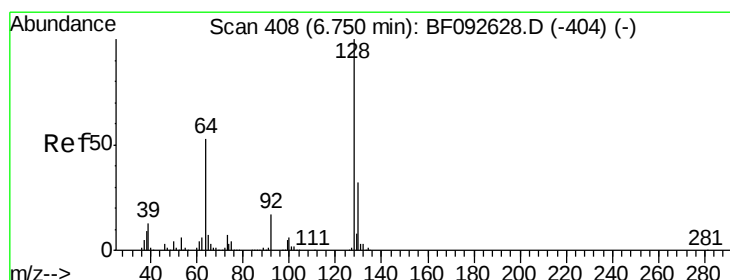
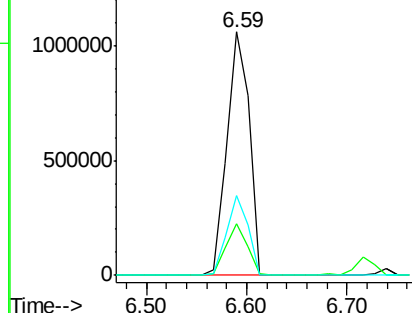
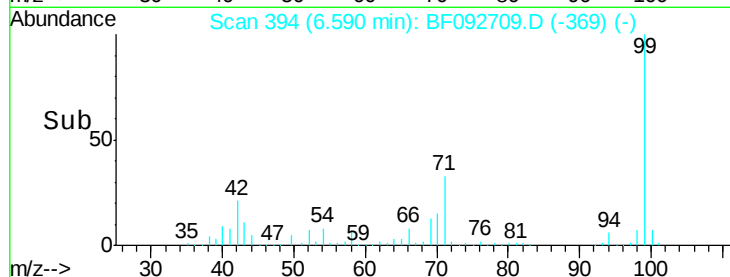
71 33.0 27.5 41.3



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: 47.19 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

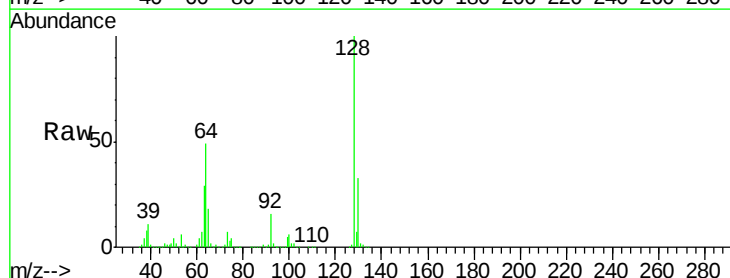
Tgt Ion: 128 Resp: 494046

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

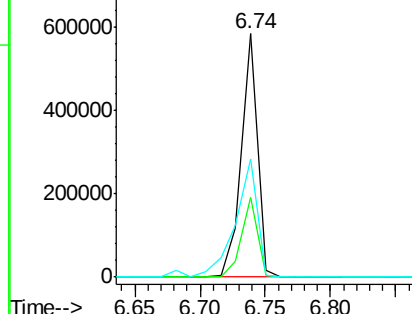
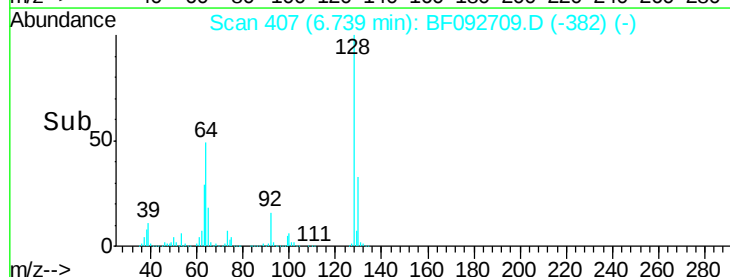
64 48.7 32.2 72.2



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

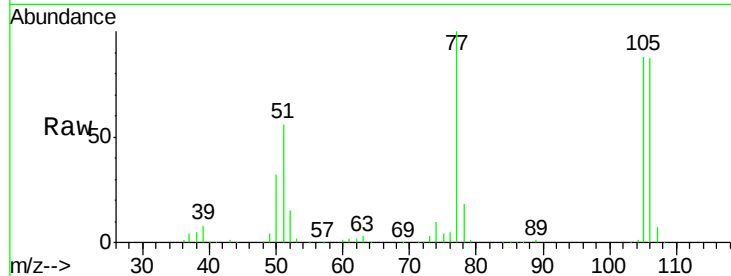




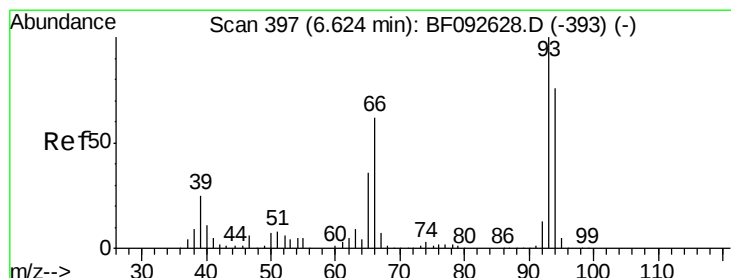
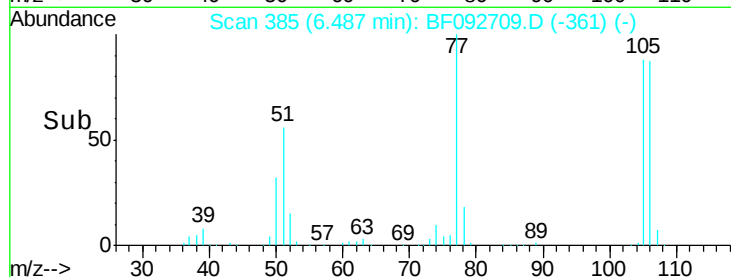
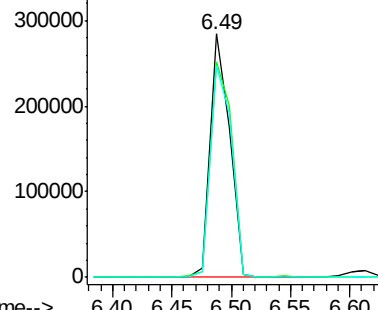
#9  
Benzaldehyde  
Concen: 37.42 ng  
RT: 6.49 min Scan# 385  
Delta R.T. -0.02 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

Instrument :  
BNA\_F  
ClientSampleId :  
SS-2MSD

Tgt Ion: 77 Resp: 327367  
Ion Ratio Lower Upper  
77 100  
105 88.4 83.9 123.9  
106 86.8 77.6 117.6

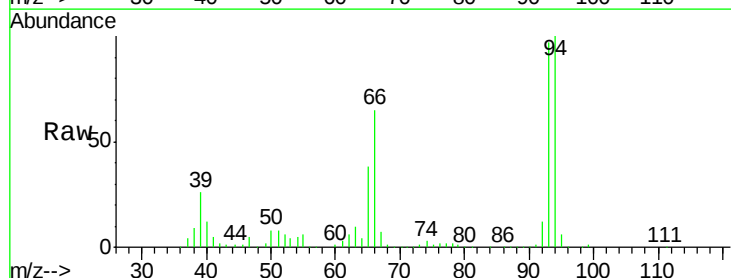


Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 105.00 (104.70 to 105.70): BF0  
Ion 106.00 (105.70 to 106.70): BF0

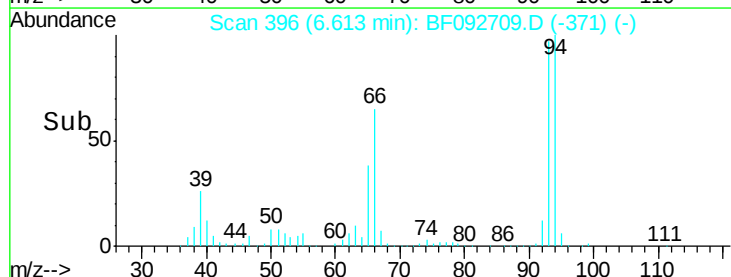
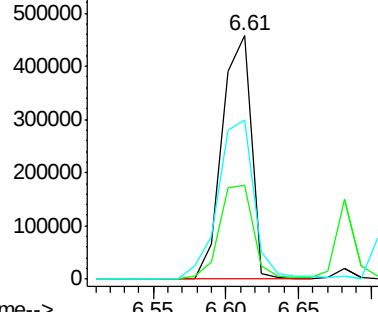


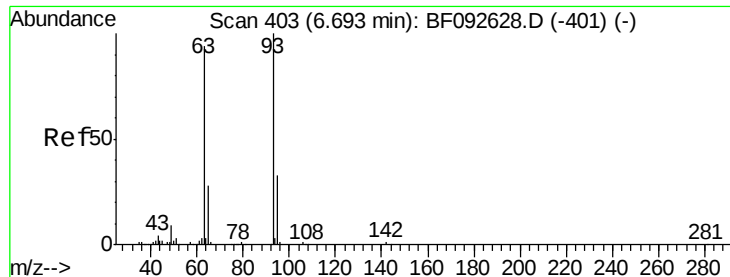
#10  
Phenol  
Concen: 44.88 ng  
RT: 6.61 min Scan# 396  
Delta R.T. -0.01 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

Tgt Ion: 94 Resp: 641206  
Ion Ratio Lower Upper  
94 100  
65 38.3 21.4 61.4  
66 65.2 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0

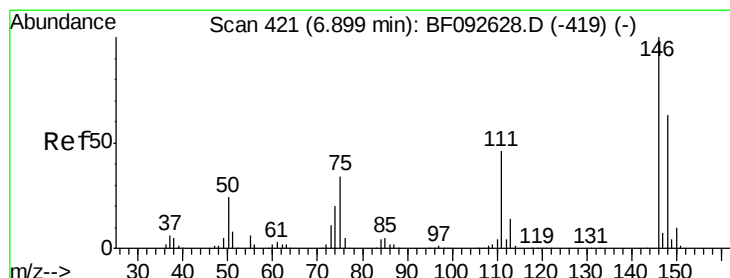
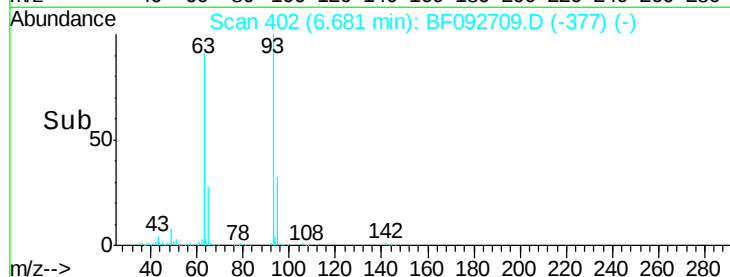
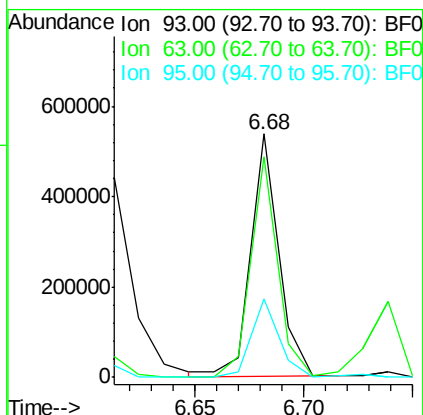
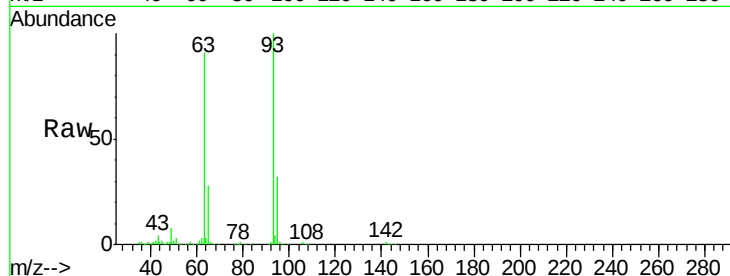




#11  
bis(2-Chloroethyl)ether  
Concen: 42.26 ng  
RT: 6.68 min Scan# 402  
Delta R.T. -0.01 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

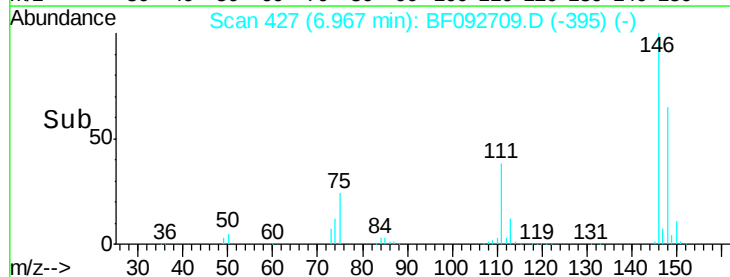
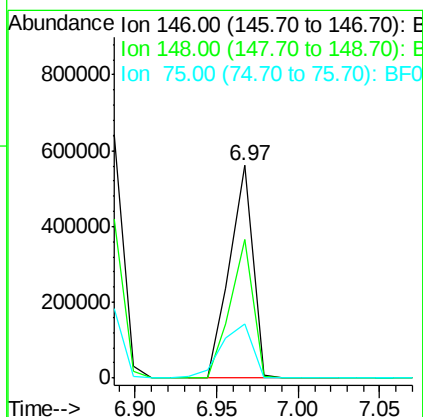
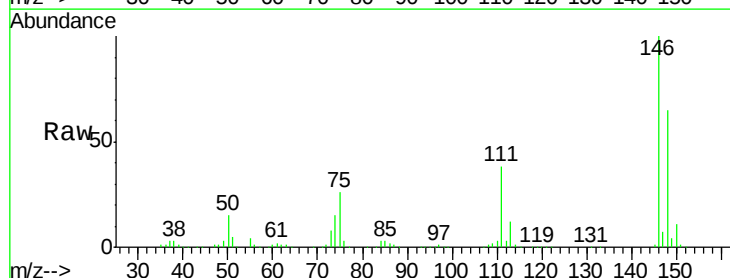
Instrument :  
BNA\_F  
ClientSampleId :  
SS-2MSD

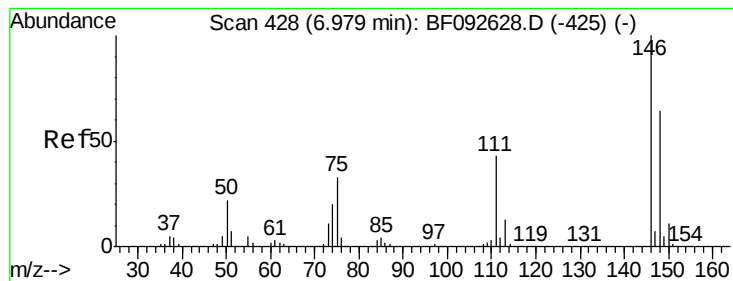
Tgt Ion: 93 Resp: 481955  
Ion Ratio Lower Upper  
93 100  
63 90.5 60.4 100.4  
95 32.5 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 45.16 ng  
RT: 6.97 min Scan# 427  
Delta R.T. 0.07 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

Tgt Ion: 146 Resp: 553841  
Ion Ratio Lower Upper  
146 100  
148 65.0 53.4 80.0  
75 25.5 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 44.62 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

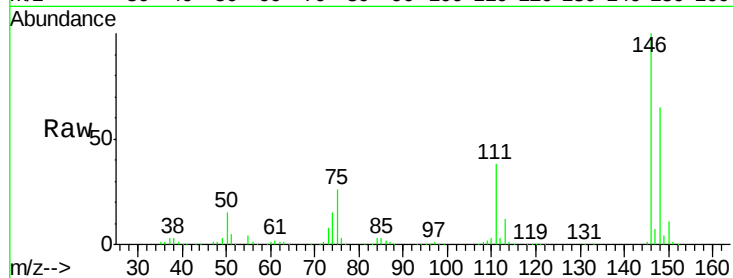
Tgt Ion:146 Resp: 553841

Ion Ratio Lower Upper

146 100

148 65.0 50.6 76.0

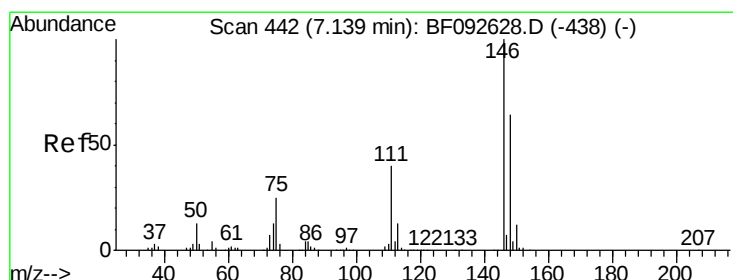
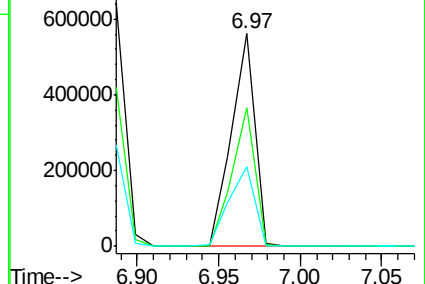
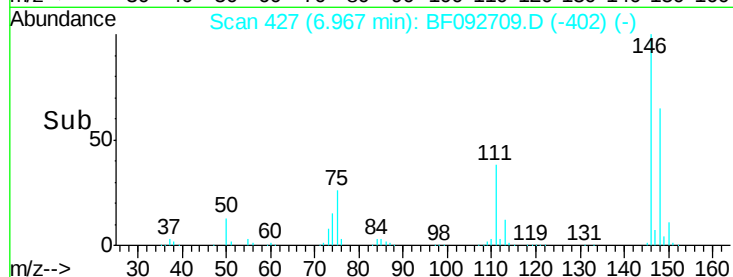
111 37.6 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.22 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

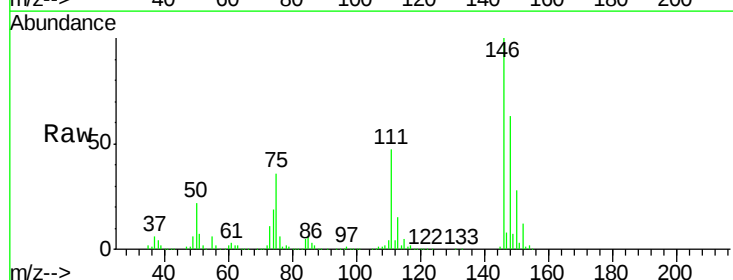
Tgt Ion:146 Resp: 477327

Ion Ratio Lower Upper

146 100

148 62.8 52.2 78.2

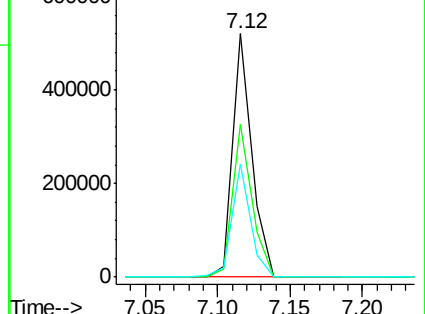
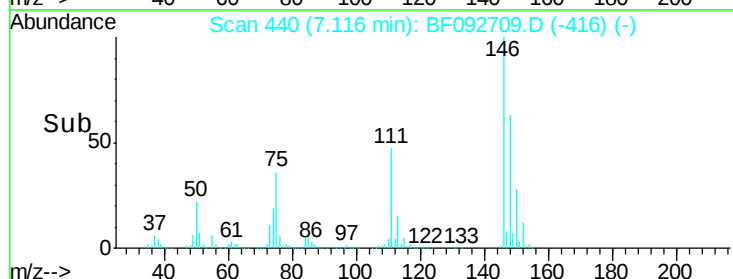
111 46.6 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.82 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

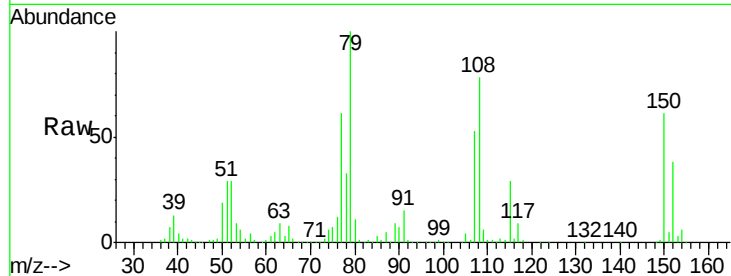
Tgt Ion: 79 Resp: 414279

Ion Ratio Lower Upper

79 100

108 77.7 61.4 92.0

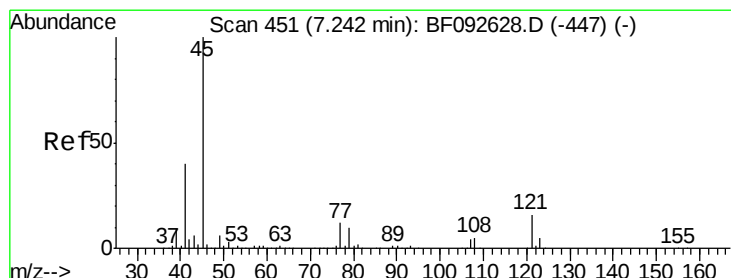
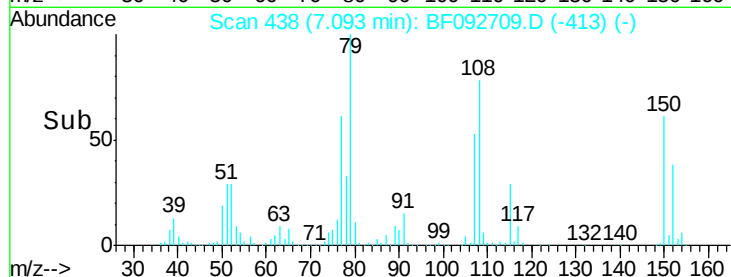
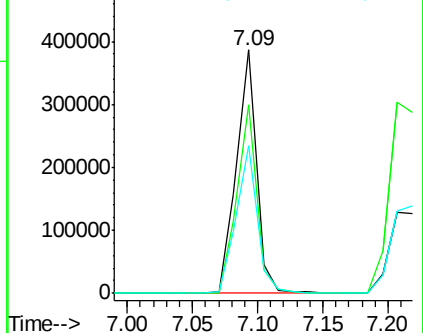
77 60.9 50.9 76.3



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: 44.98 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

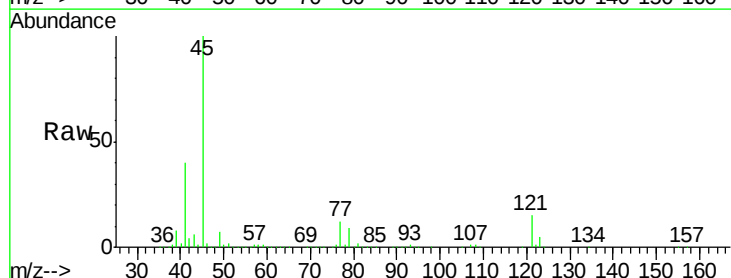
Tgt Ion: 45 Resp: 891210

Ion Ratio Lower Upper

45 100

77 11.6 0.0 34.6

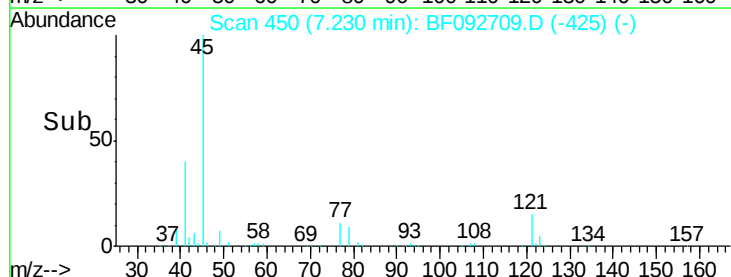
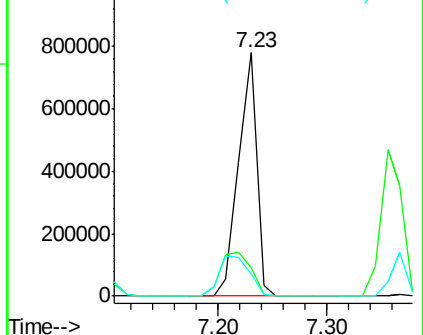
79 9.2 0.0 31.2



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

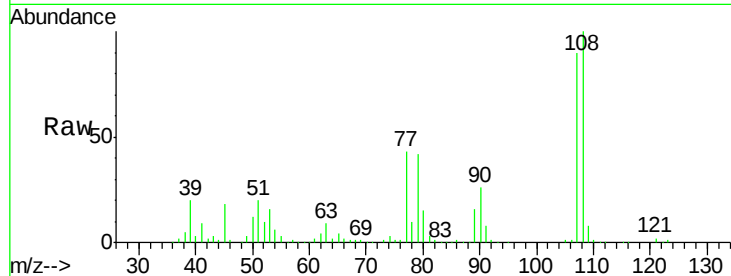




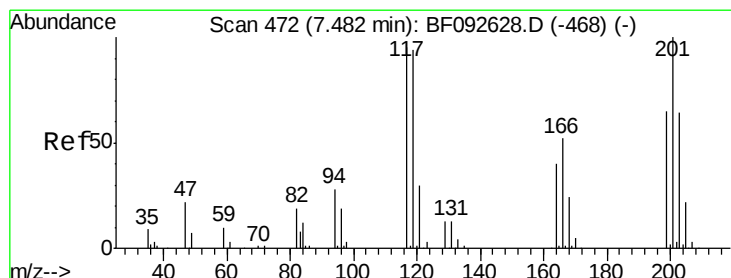
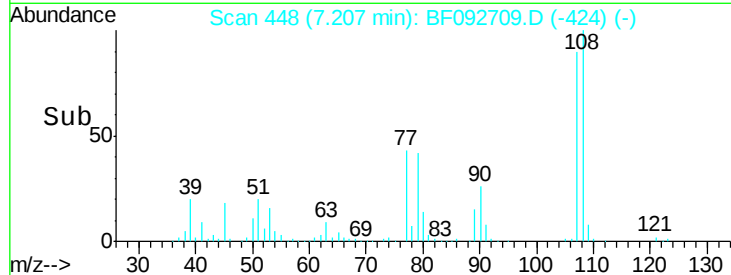
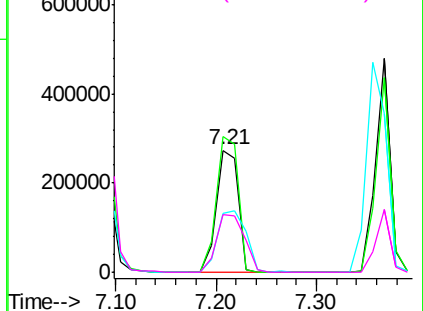
#17  
2-Methylphenol  
Concen: 45.45 ng  
RT: 7.21 min Scan# 448  
Delta R.T. -0.02 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

Instrument :  
BNA\_F  
ClientSampleId :  
SS-2MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 408227 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.6 | 93.0  | 139.6  |
| 77       | 48.1  | 39.8  | 59.8   |
| 79       | 46.9  | 38.0  | 57.0   |

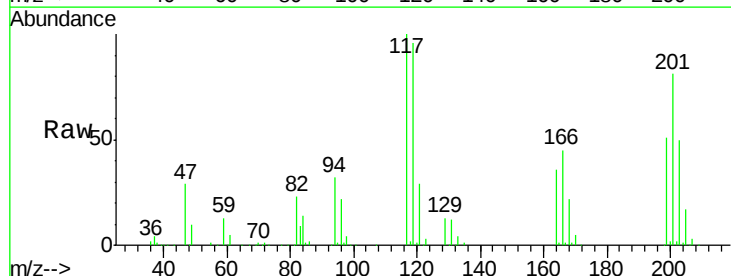


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

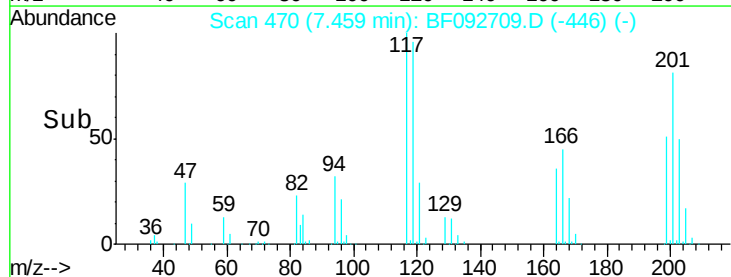
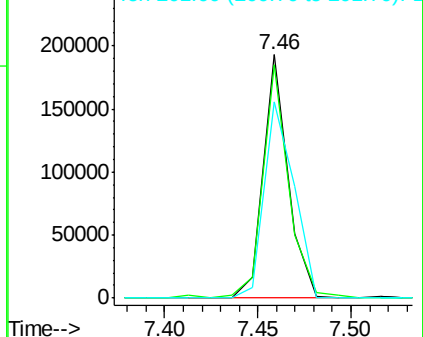


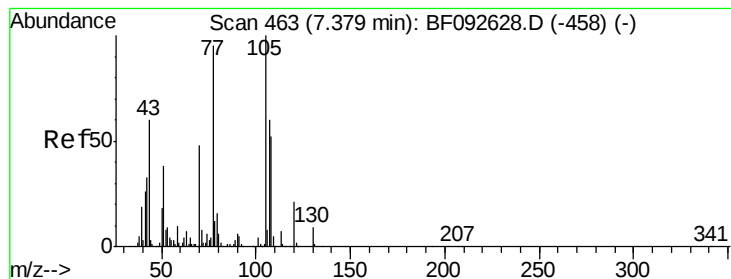
#18  
Hexachloroethane  
Concen: 42.56 ng  
RT: 7.46 min Scan# 470  
Delta R.T. -0.02 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 180351 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.0  | 78.1  | 117.1  |
| 201      | 80.8  | 78.6  | 117.8  |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 46.47 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

Tgt Ion: 70 Resp: 361255

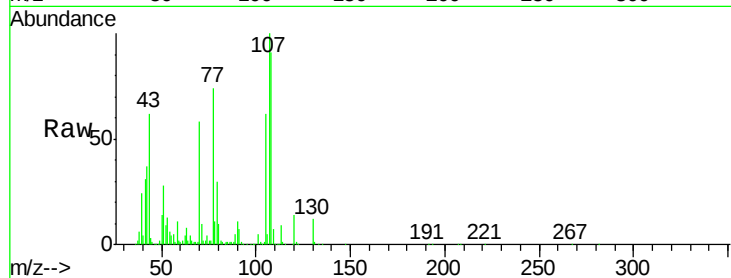
Ion Ratio Lower Upper

70 100

42 63.2 49.4 74.0

101 9.0 7.4 11.2

130 19.7 14.2 21.4

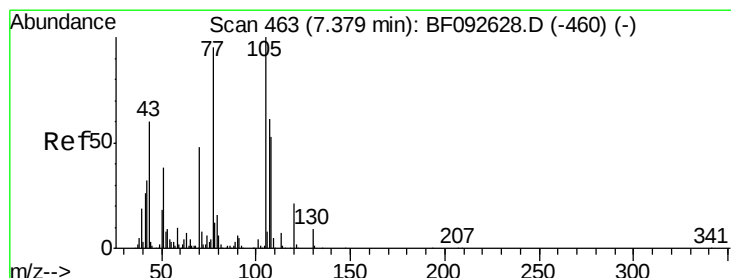
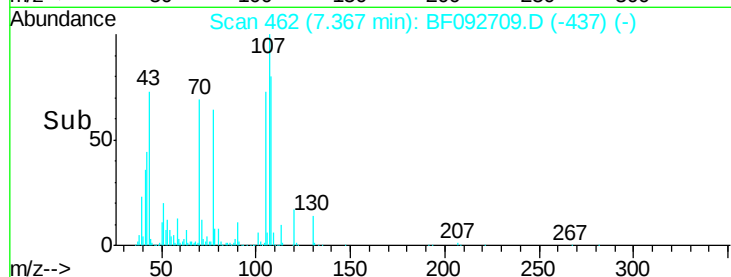
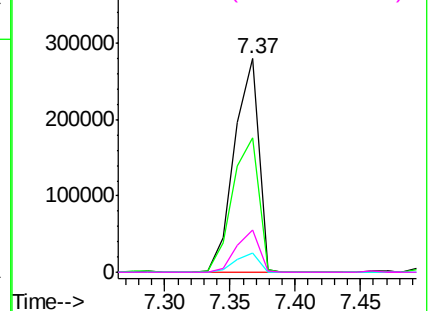


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 45.37 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Tgt Ion: 107 Resp: 487229

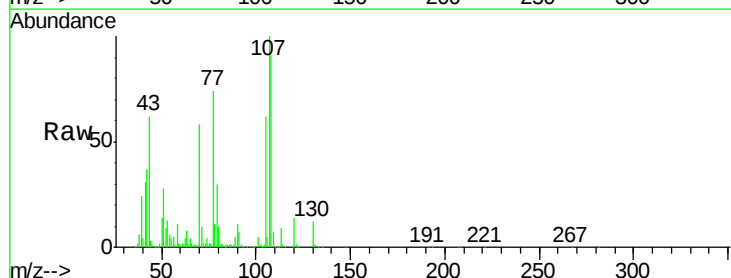
Ion Ratio Lower Upper

107 100

108 90.9 73.0 113.0

77 74.3 71.3 111.3

79 29.6 11.1 51.1

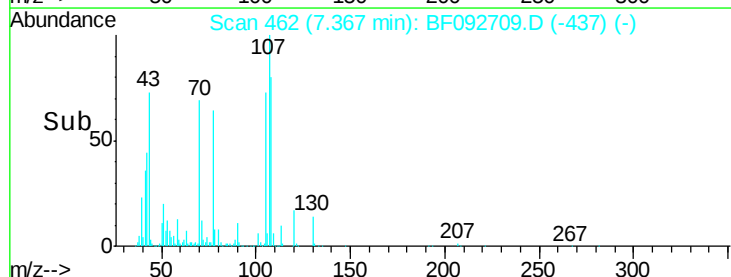
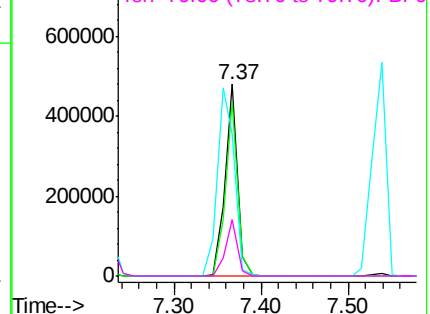


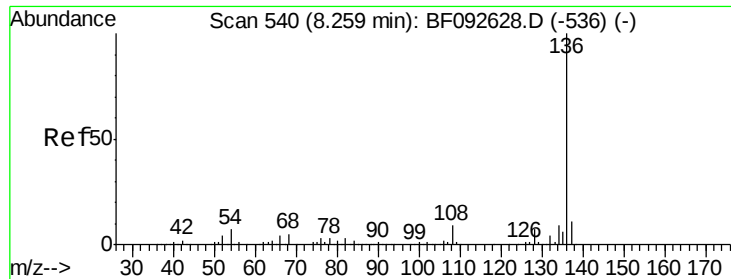
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

Tgt Ion:136 Resp: 630288

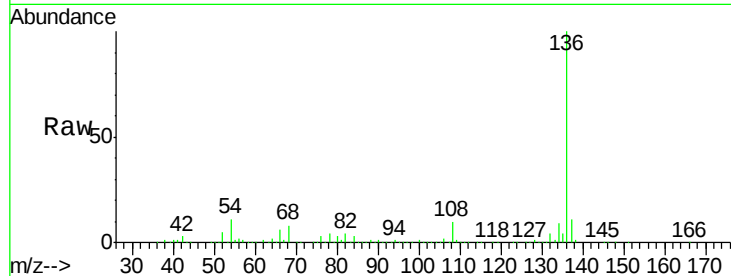
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 11.3 4.5 6.7#

68 7.7 3.6 5.4#

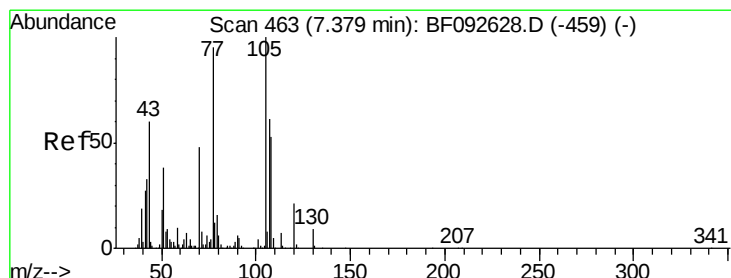
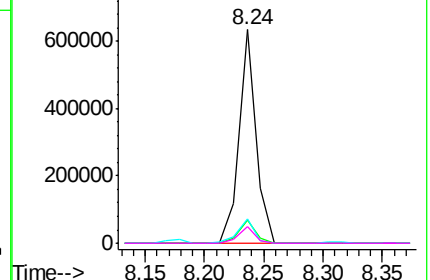
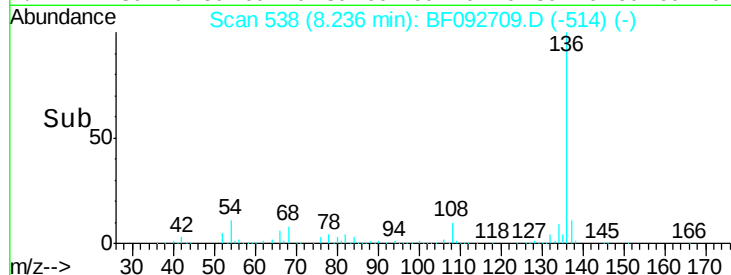


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.39 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Tgt Ion:105 Resp: 638798

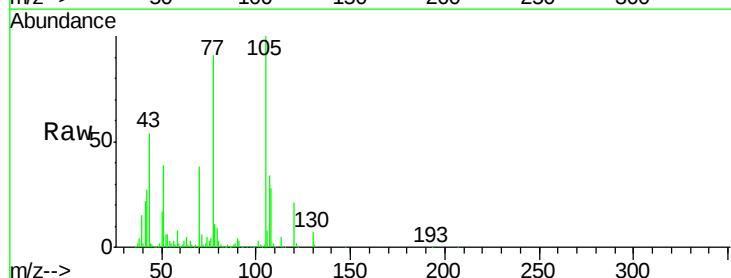
Ion Ratio Lower Upper

105 100

71 6.4 3.2 4.8#

51 38.7 26.2 39.4

120 20.5 16.6 24.8

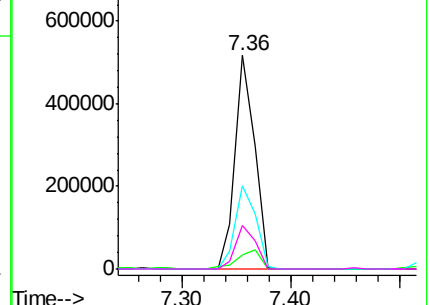
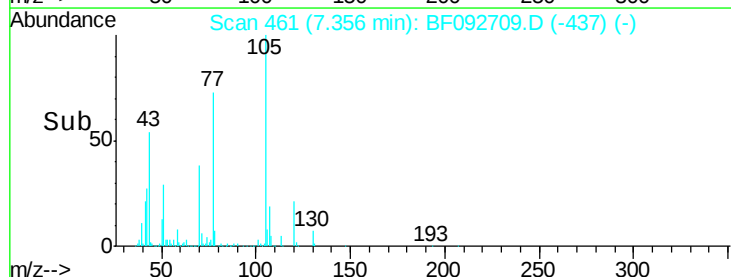


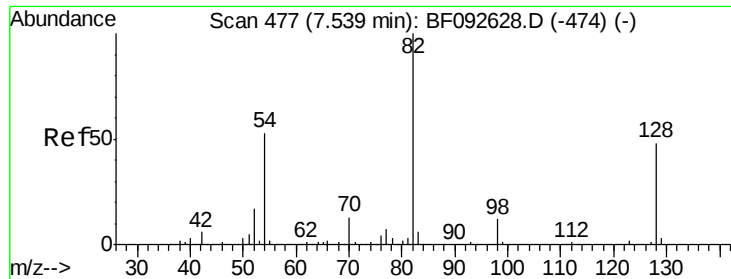
Abundance Ion 105.00 (104.70 to 105.70): E

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

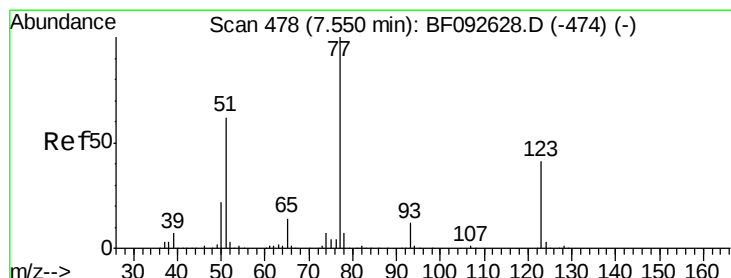
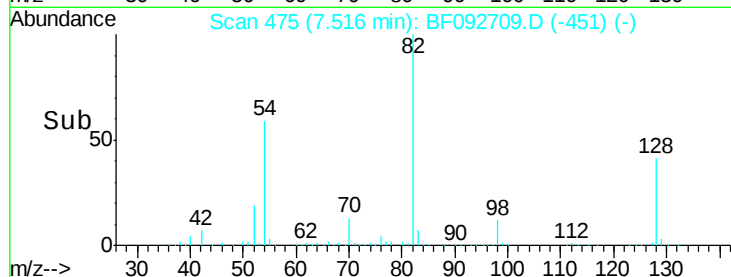
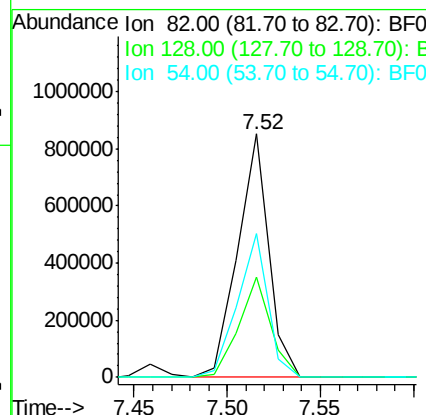
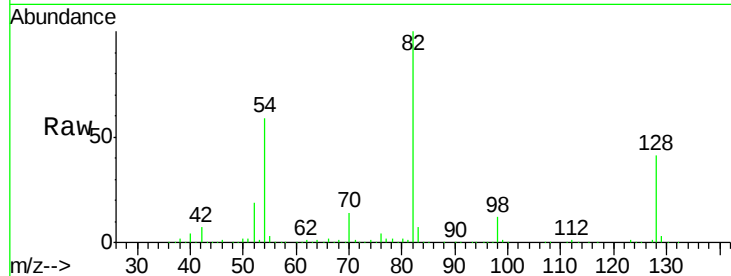




#23  
 Nitrobenzene-d5  
 Concen: 87.47 ng  
 RT: 7.52 min Scan# 475  
 Delta R.T. -0.02 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

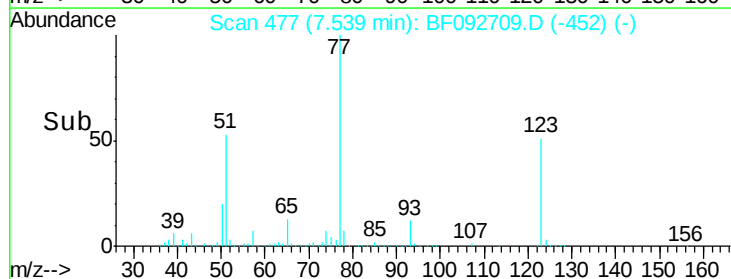
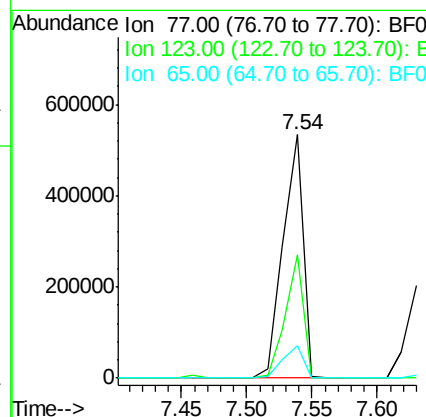
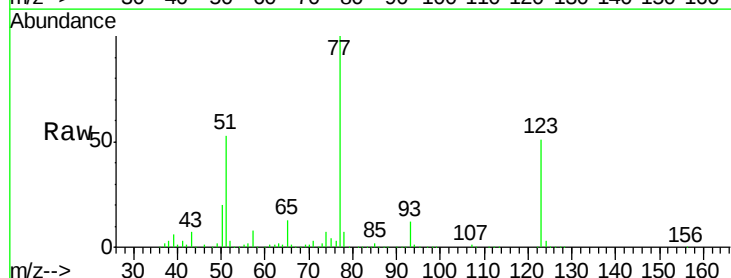
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-2MSD

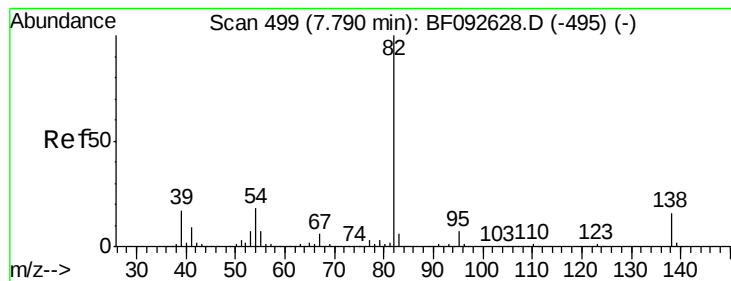
Tgt Ion: 82 Resp: 989988  
 Ion Ratio Lower Upper  
 82 100  
 128 41.4 34.6 52.0  
 54 58.9 39.5 59.3



#24  
 Nitrobenzene  
 Concen: 49.86 ng  
 RT: 7.54 min Scan# 477  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Tgt Ion: 77 Resp: 579462  
 Ion Ratio Lower Upper  
 77 100  
 123 50.5 33.0 49.4#  
 65 13.2 11.2 16.8





#25

Isophorone

Concen: 48.54 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

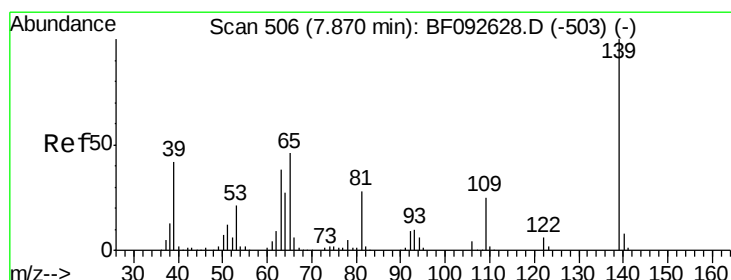
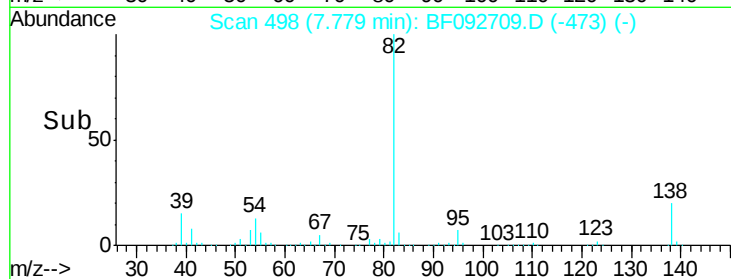
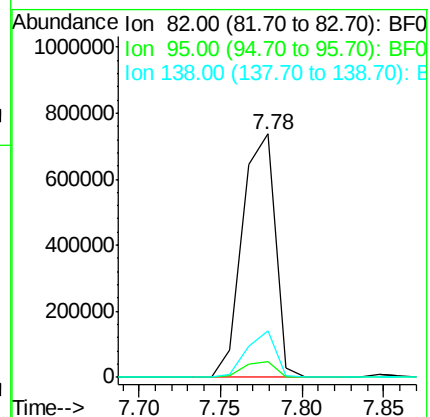
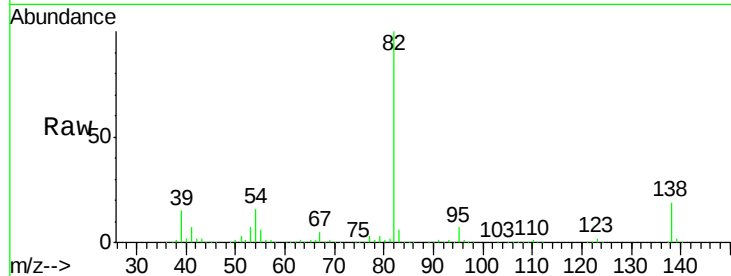
Tgt Ion: 82 Resp: 1023769

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 19.0 14.6 22.0



#26

2-Nitrophenol

Concen: 46.68 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

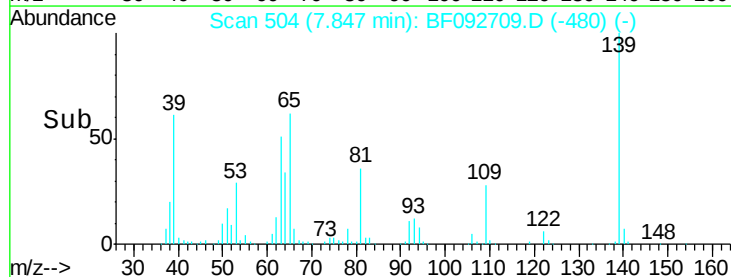
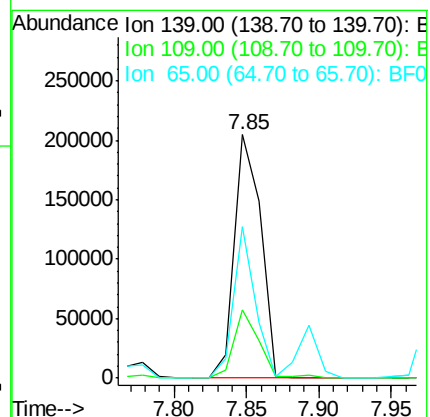
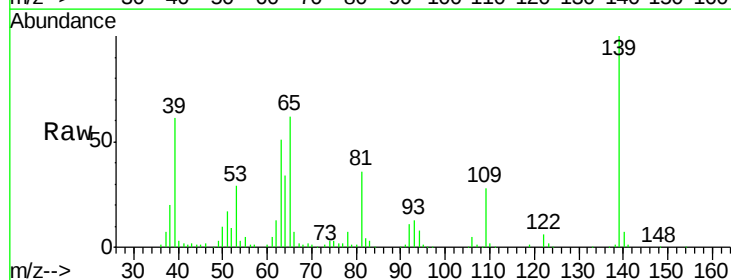
Tgt Ion: 139 Resp: 257894

Ion Ratio Lower Upper

139 100

109 28.1 23.3 34.9

65 62.3 42.7 64.1

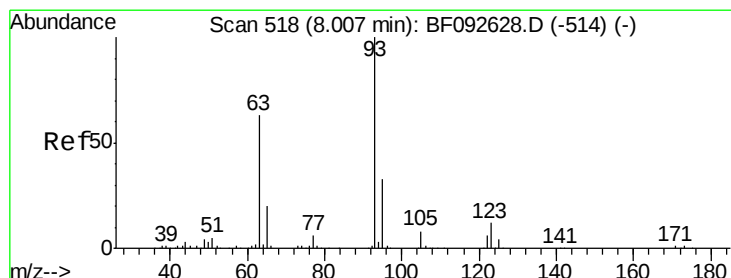
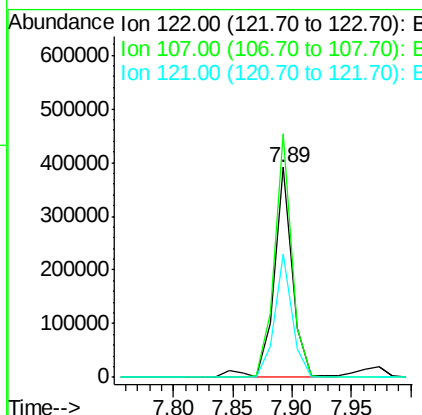
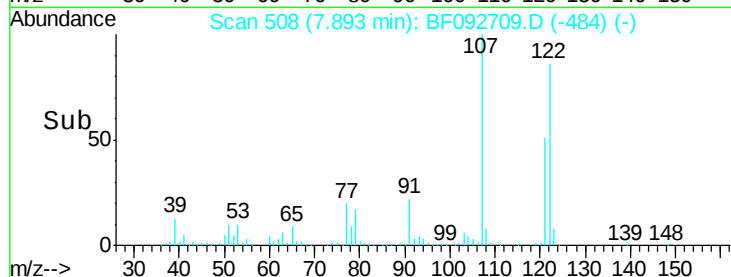
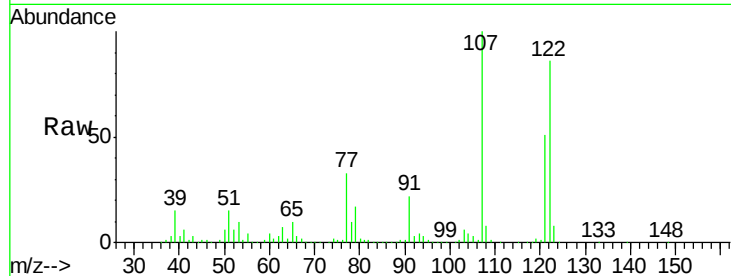




#27  
2,4-Dimethylphenol  
Concen: 43.49 ng  
RT: 7.89 min Scan# 508  
Delta R.T. -0.02 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

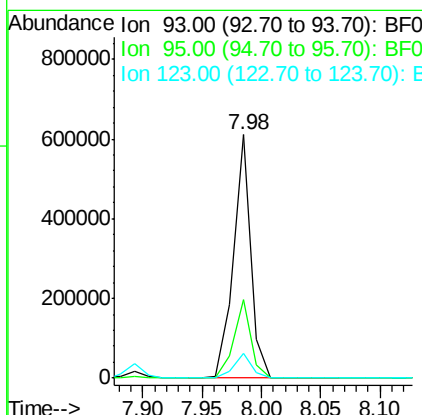
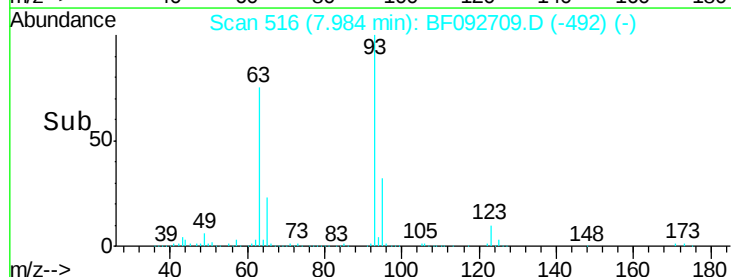
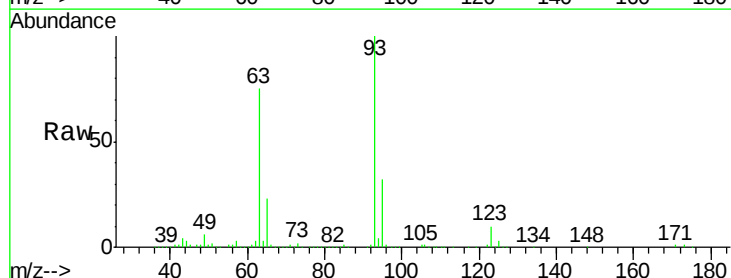
Instrument :  
BNA\_F  
ClientSampleId :  
SS-2MSD

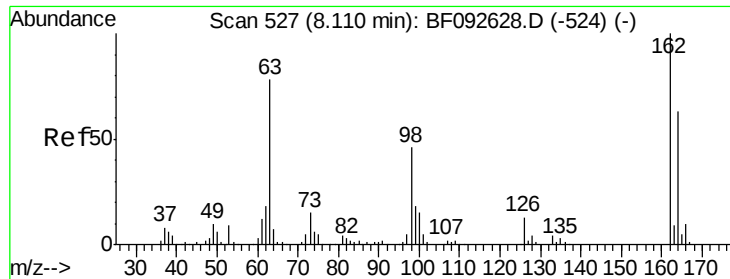
Tgt Ion:122 Resp: 421999  
Ion Ratio Lower Upper  
122 100  
107 116.0 94.1 141.1  
121 58.7 46.0 69.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.10 ng  
RT: 7.98 min Scan# 516  
Delta R.T. -0.02 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

Tgt Ion: 93 Resp: 616008  
Ion Ratio Lower Upper  
93 100  
95 32.2 26.5 39.7  
123 10.0 8.6 13.0

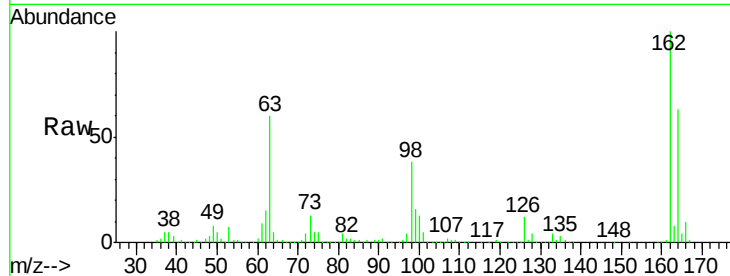




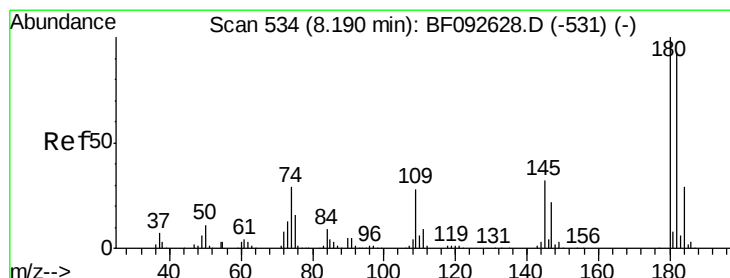
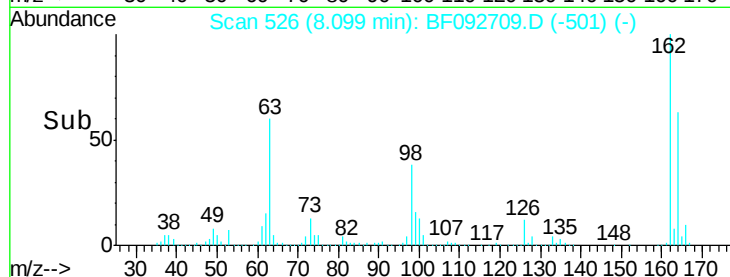
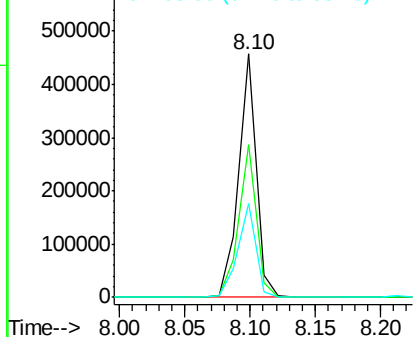
#29  
 2,4-Dichlorophenol  
 Concen: 47.24 ng  
 RT: 8.10 min Scan# 526  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-2MSD

Tgt Ion:162 Resp: 427463  
 Ion Ratio Lower Upper  
 162 100  
 164 62.6 46.8 86.8  
 98 38.5 9.1 49.1

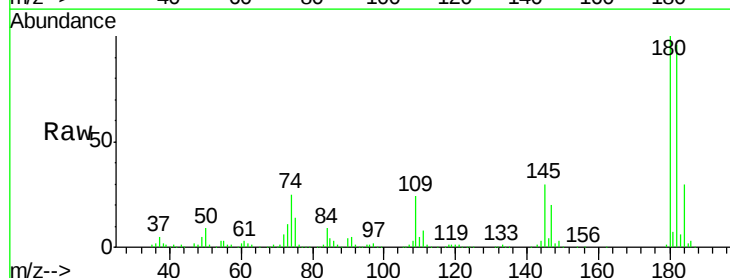


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

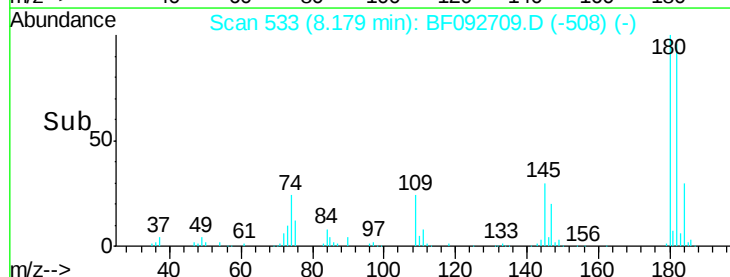
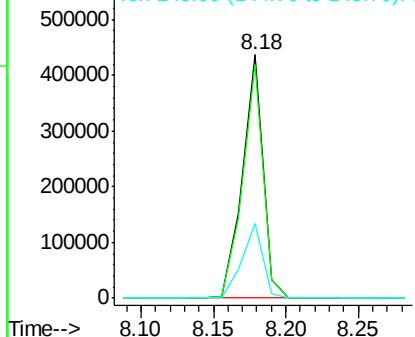


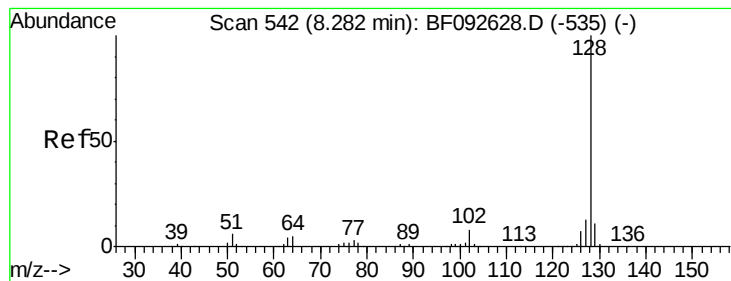
#30  
 1,2,4-Trichlorobenzene  
 Concen: 44.11 ng  
 RT: 8.18 min Scan# 533  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Tgt Ion:180 Resp: 430107  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 78.2 117.4  
 145 30.5 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: 41.53 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

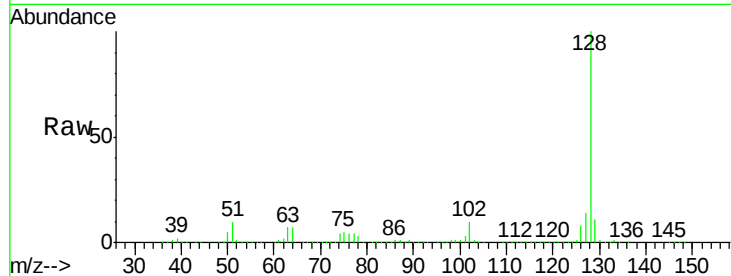
Tgt Ion:128 Resp: 1327066

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

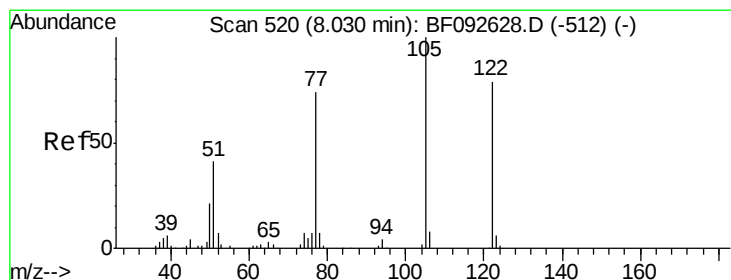
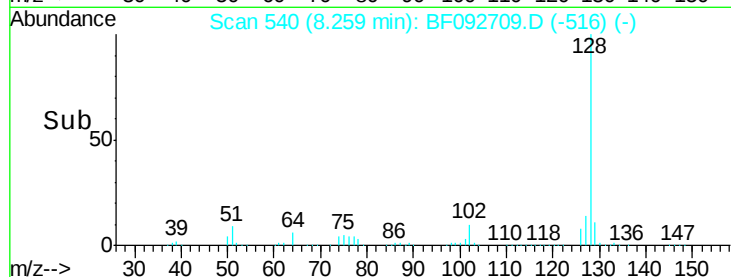
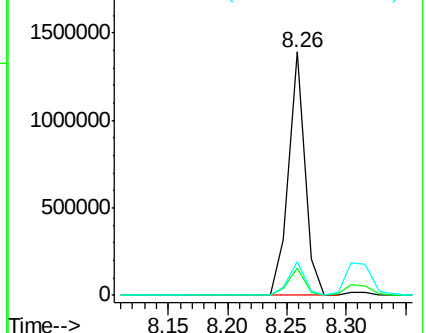
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.05 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.06 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

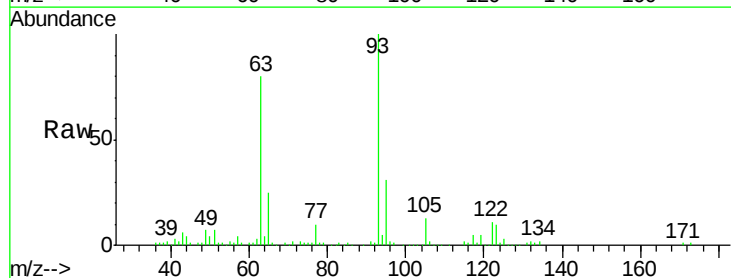
Tgt Ion:122 Resp: 31534

Ion Ratio Lower Upper

122 100

105 115.4 107.2 147.2

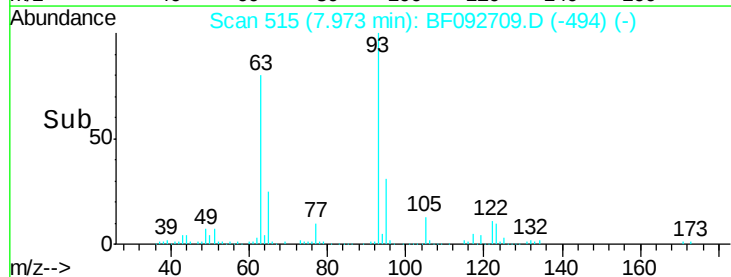
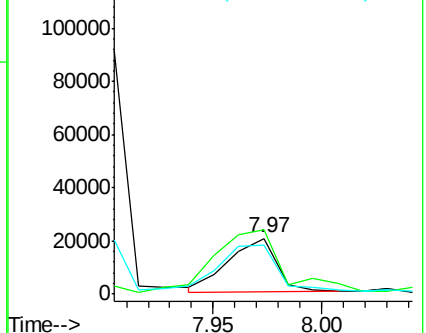
77 87.8 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

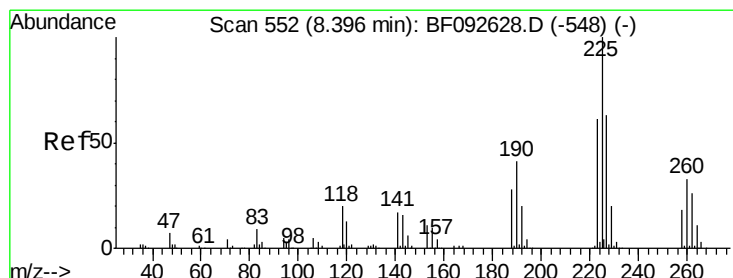
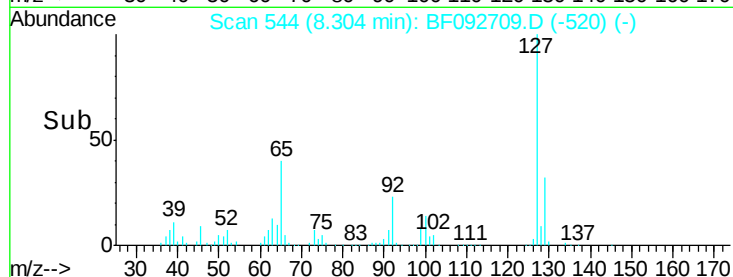
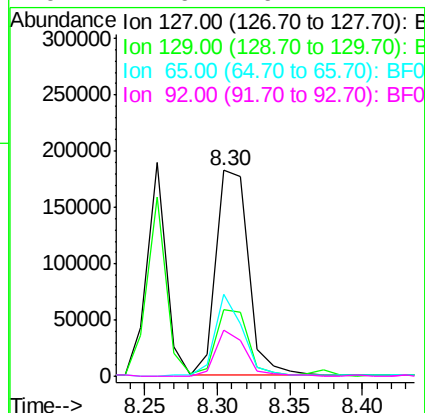
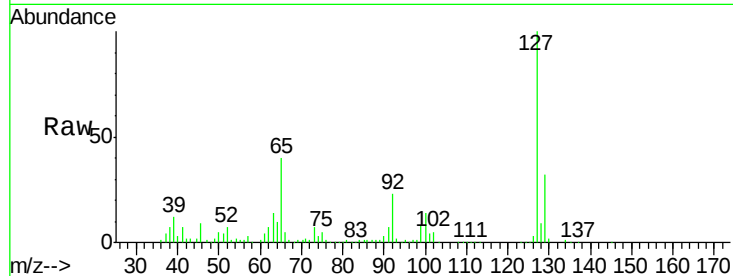




#33  
 4-Chloroaniline  
 Concen: 22.65 ng  
 RT: 8.30 min Scan# 544  
 Delta R.T. -0.02 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

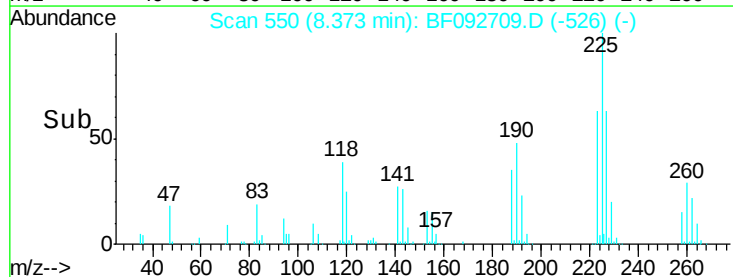
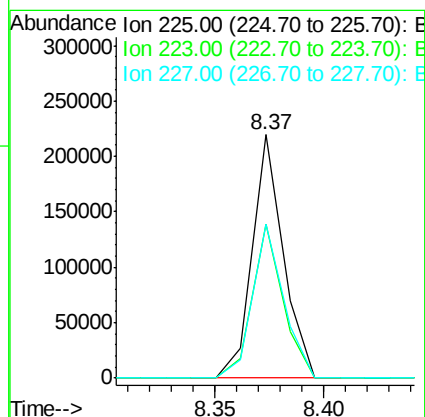
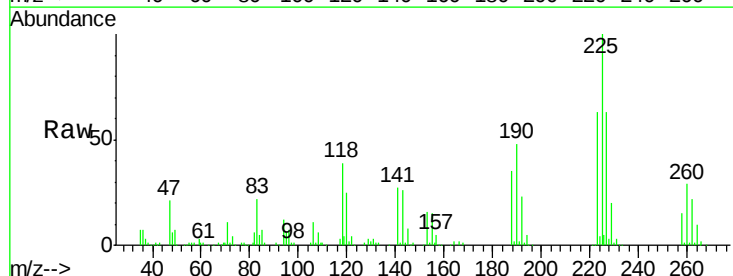
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-2MSD

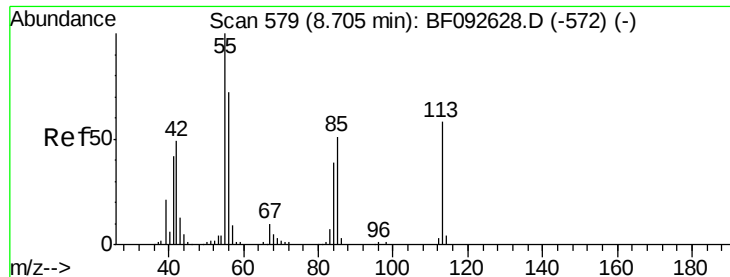
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 283858 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 26.3  | 39.5   |
| 65       | 39.7  | 25.8  | 38.8   |
| 92       | 22.6  | 16.1  | 24.1   |



#34  
 Hexachlorobutadiene  
 Concen: 40.52 ng  
 RT: 8.37 min Scan# 550  
 Delta R.T. -0.02 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 217382 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 51.0  | 76.6   |
| 227      | 63.4  | 50.6  | 76.0   |

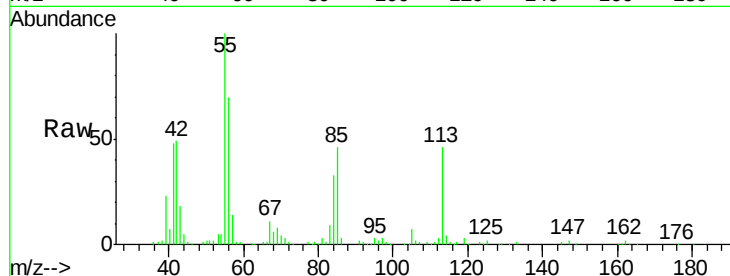




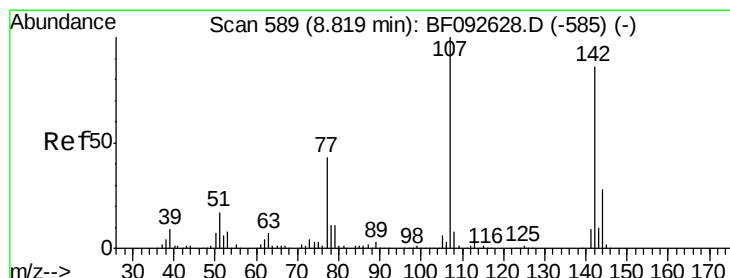
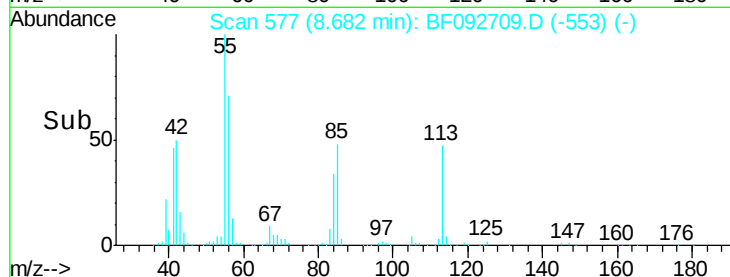
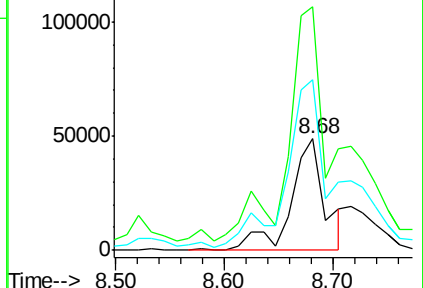
#35  
 Caprolactam  
 Concen: 37.55 ng  
 RT: 8.68 min Scan# 577  
 Delta R.T. -0.02 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-2MSD

Tgt Ion:113 Resp: 106877  
 Ion Ratio Lower Upper  
 113 100  
 55 218.9 119.2 159.2#  
 56 153.0 83.8 123.8#

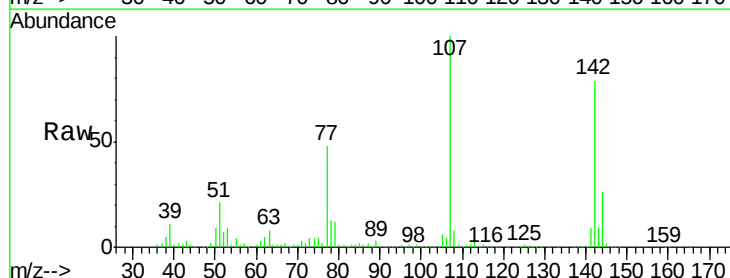


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

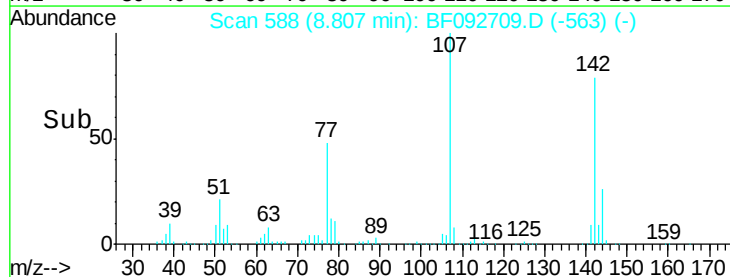
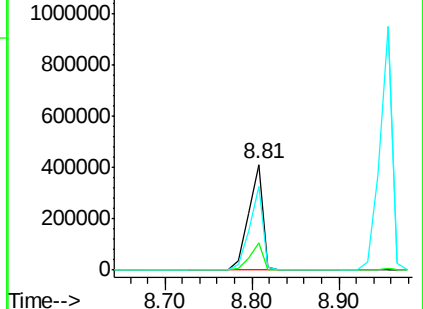


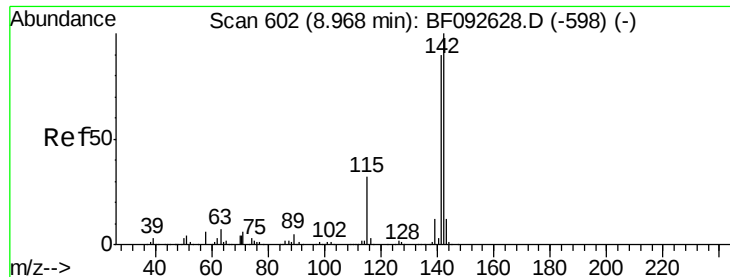
#36  
 4-Chloro-3-methylphenol  
 Concen: 49.95 ng  
 RT: 8.81 min Scan# 588  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Tgt Ion:107 Resp: 471249  
 Ion Ratio Lower Upper  
 107 100  
 144 25.6 19.3 28.9  
 142 79.0 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

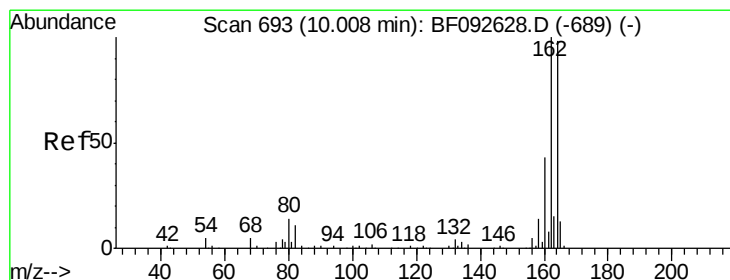
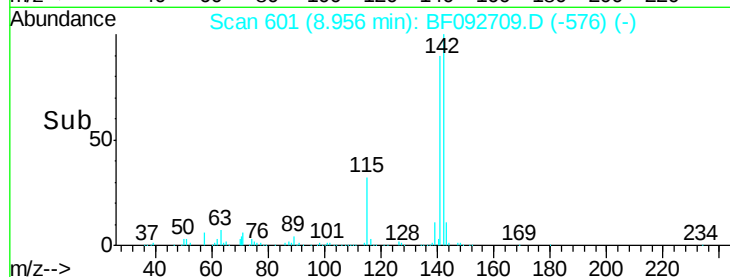
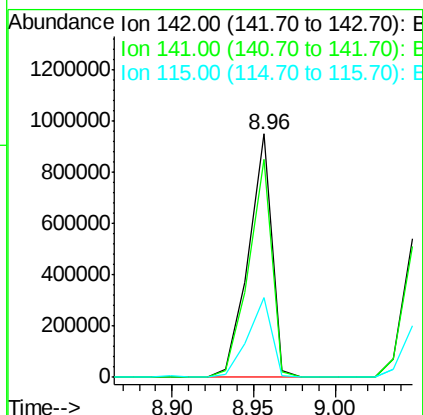
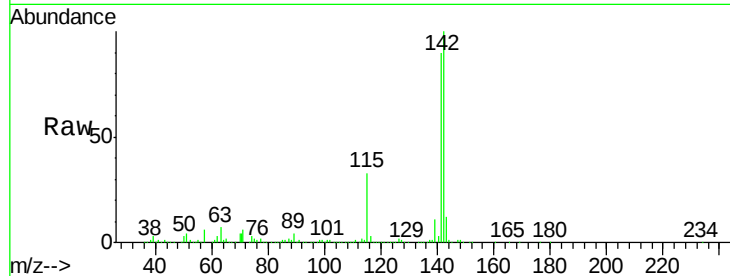




#37  
2-Methylnaphthalene  
Concen: 46.11 ng  
RT: 8.96 min Scan# 601  
Delta R.T. -0.01 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

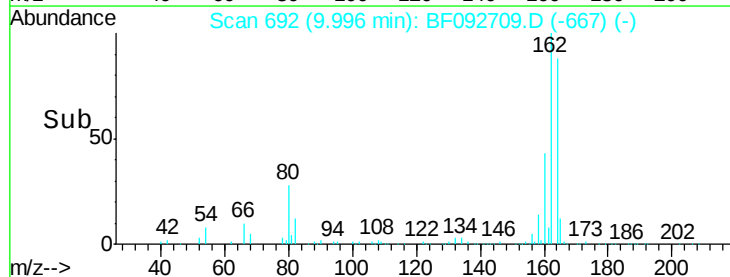
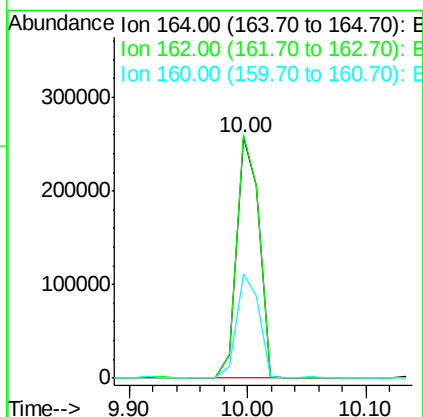
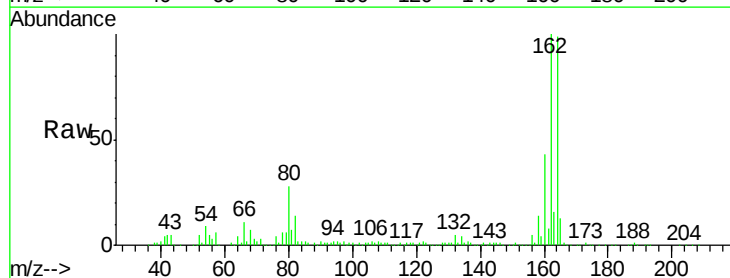
Instrument :  
BNA\_F  
ClientSampleId :  
SS-2MSD

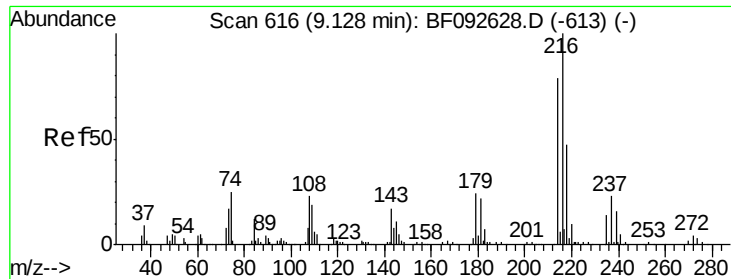
Tgt Ion:142 Resp: 946023  
Ion Ratio Lower Upper  
142 100  
141 89.7 71.0 106.6  
115 32.6 28.3 42.5



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.00 min Scan# 692  
Delta R.T. -0.01 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

Tgt Ion:164 Resp: 338165  
Ion Ratio Lower Upper  
164 100  
162 101.1 80.2 120.2  
160 43.3 36.9 55.3

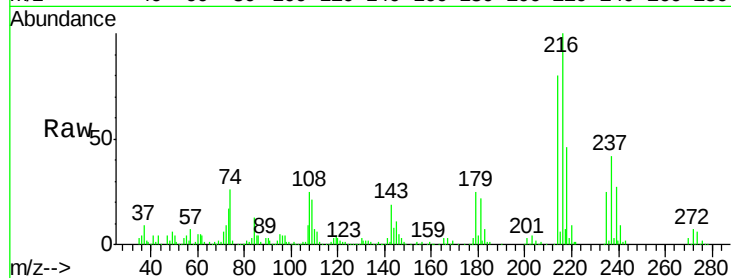




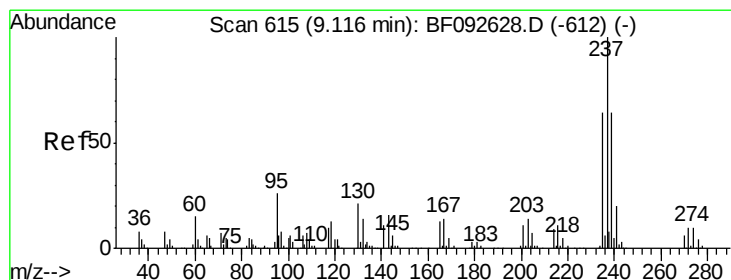
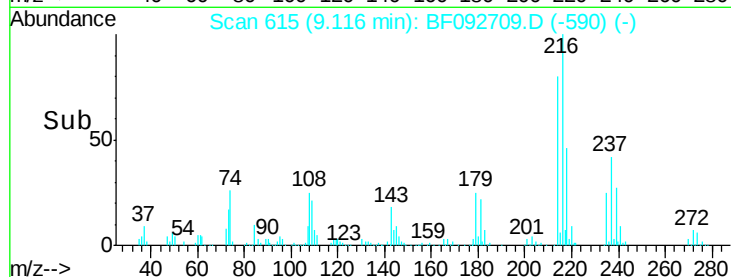
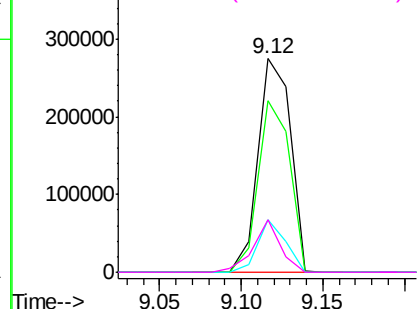
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.10 ng  
 RT: 9.12 min Scan# 615  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-2MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 380690 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.3  | 63.4  | 95.0   |
| 179      | 21.4  | 17.4  | 26.2   |
| 108      | 20.7  | 15.6  | 23.4   |

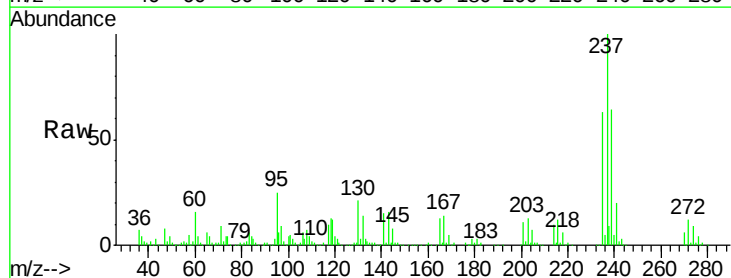


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

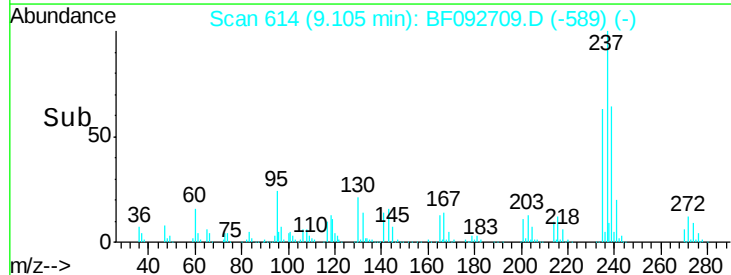
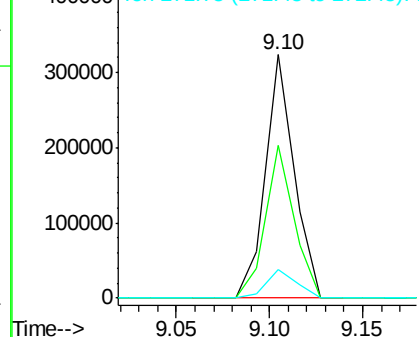


#40  
 Hexachlorocyclopentadiene  
 Concen: 80.18 ng  
 RT: 9.10 min Scan# 614  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 343393 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 62.8  | 41.2  | 81.2   |
| 272      | 11.9  | 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

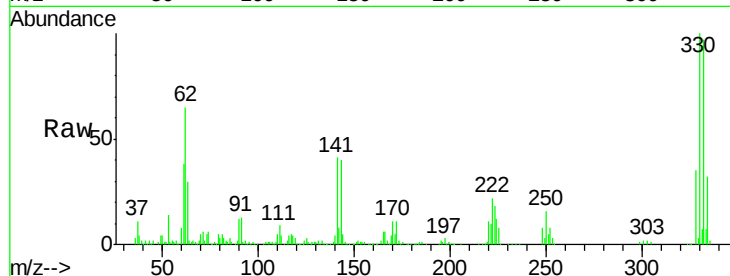




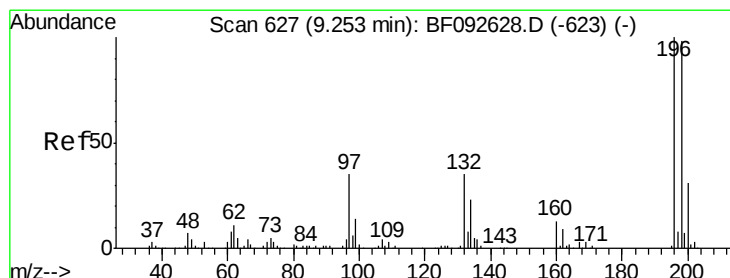
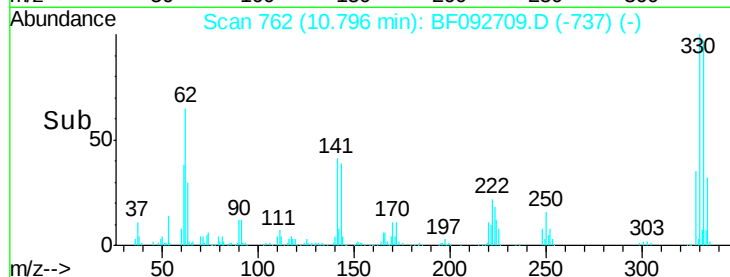
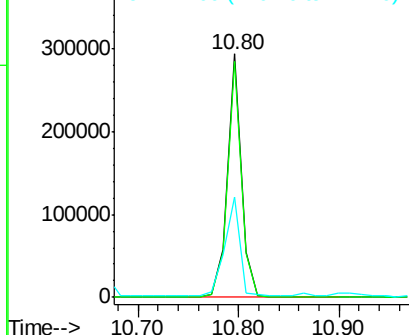
#41  
 2,4,6-Tribromophenol  
 Concen: 116.15 ng  
 RT: 10.80 min Scan# 762  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-2MSD

Tgt Ion:330 Resp: 284087  
 Ion Ratio Lower Upper  
 330 100  
 332 96.6 77.4 116.2  
 141 44.0 34.1 51.1

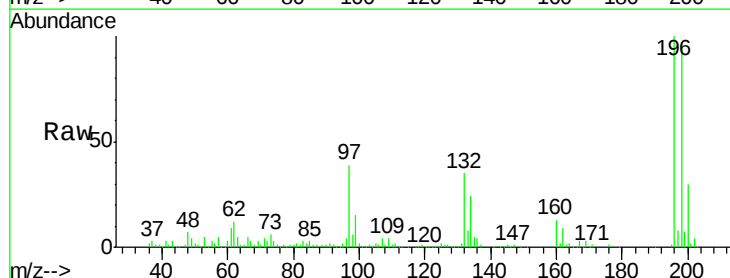


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

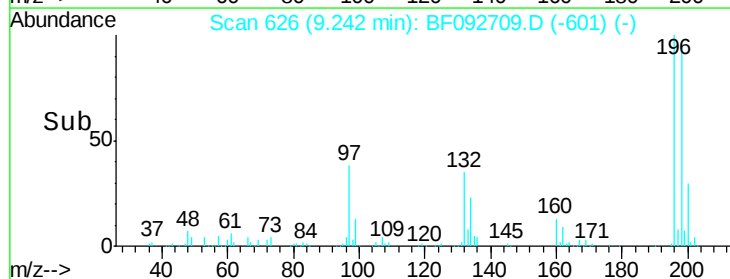
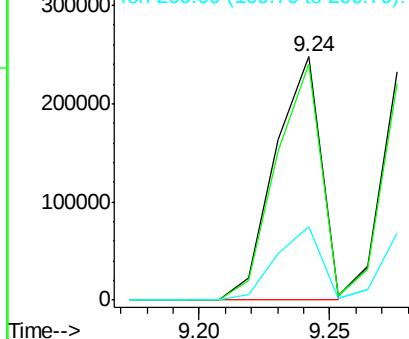


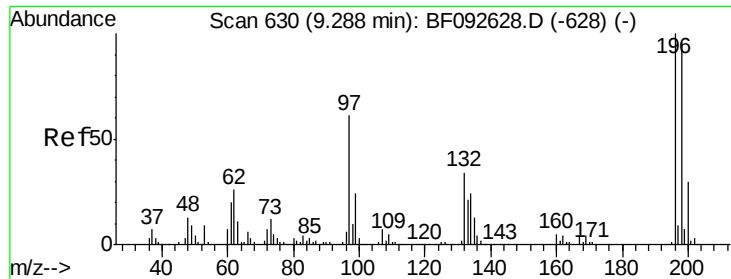
#42  
 2,4,6-Trichlorophenol  
 Concen: 48.28 ng  
 RT: 9.24 min Scan# 626  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Tgt Ion:196 Resp: 301143  
 Ion Ratio Lower Upper  
 196 100  
 198 96.7 82.1 123.1  
 200 30.2 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

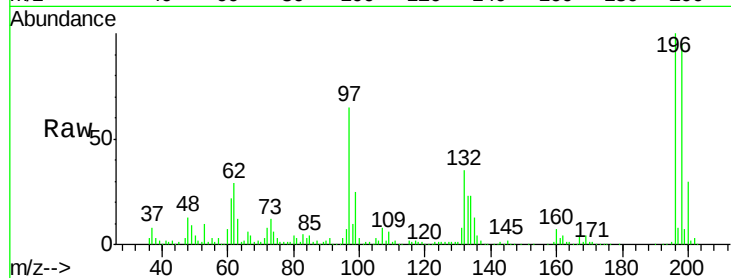




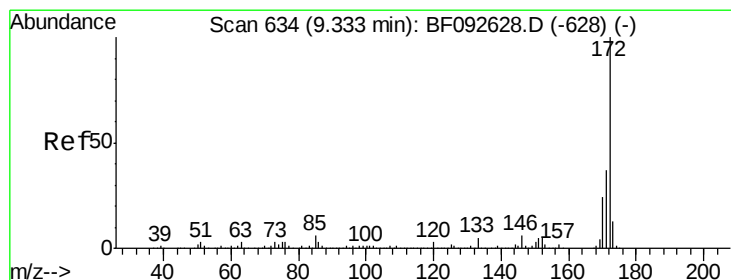
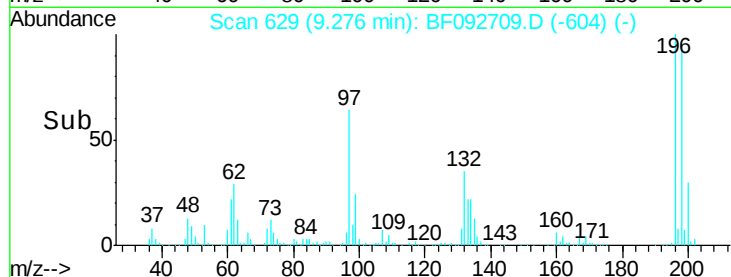
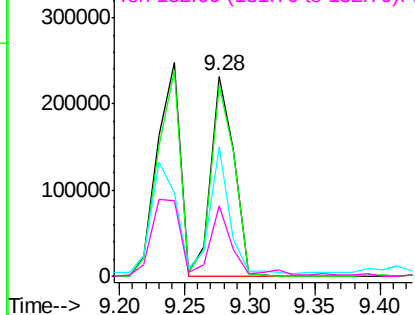
#43  
 2,4,5-Trichlorophenol  
 Concen: 42.10 ng  
 RT: 9.28 min Scan# 629  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-2MSD

Tgt Ion:196 Resp: 287708  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 79.4 119.2  
 97 64.9 51.5 77.3  
 132 35.1 27.4 41.2

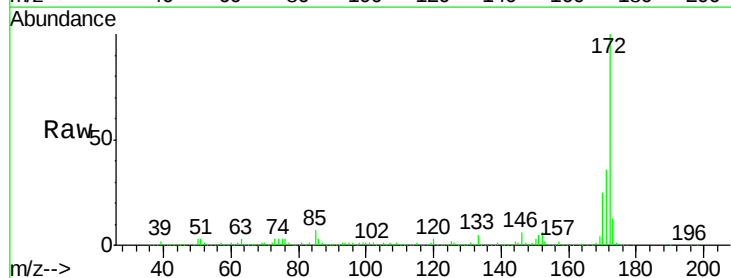


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

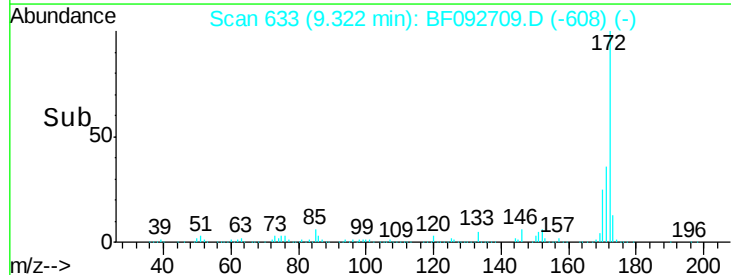
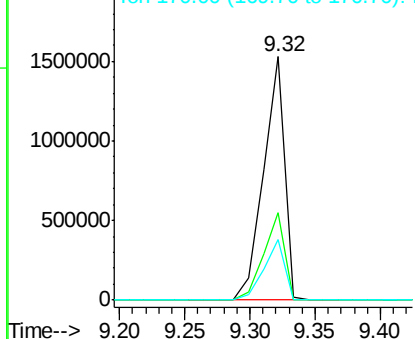


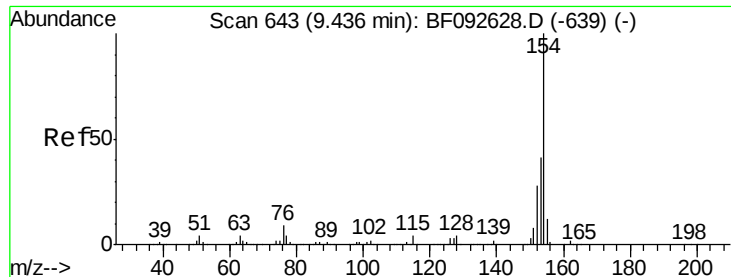
#44  
 2-Fluorobiphenyl  
 Concen: 92.26 ng  
 RT: 9.32 min Scan# 633  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Tgt Ion:172 Resp: 1722130  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 29.4 44.0  
 170 24.8 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

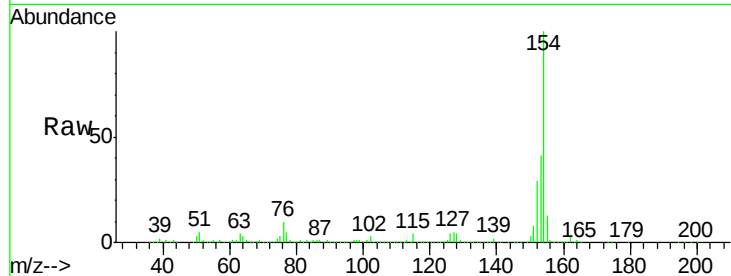




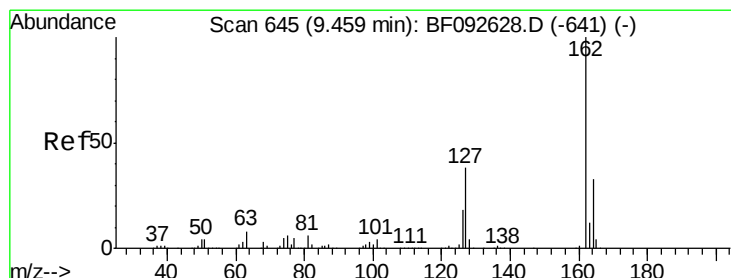
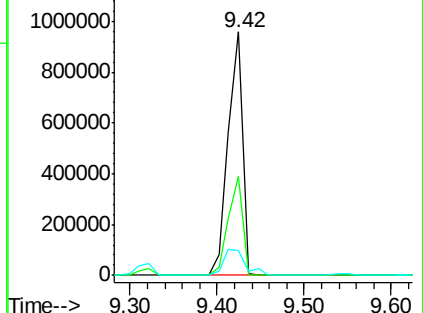
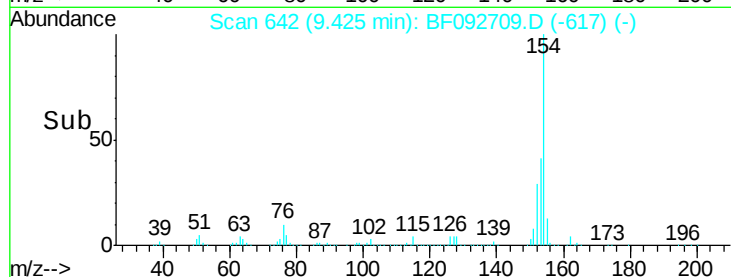
#45  
 1,1'-Biphenyl  
 Concen: 45.18 ng  
 RT: 9.42 min Scan# 642  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-2MSD

Tgt Ion:154 Resp: 1106333  
 Ion Ratio Lower Upper  
 154 100  
 153 40.8 20.9 60.9  
 76 10.4 0.0 30.5

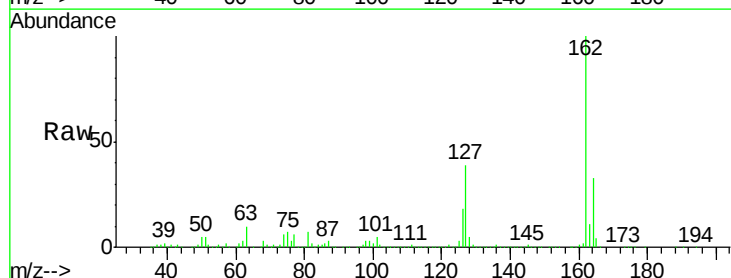


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

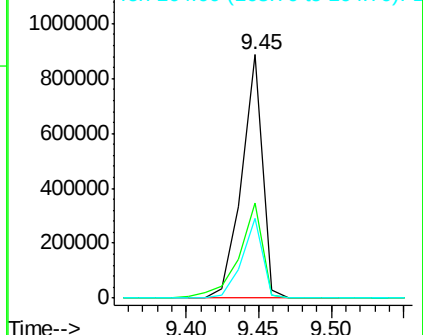
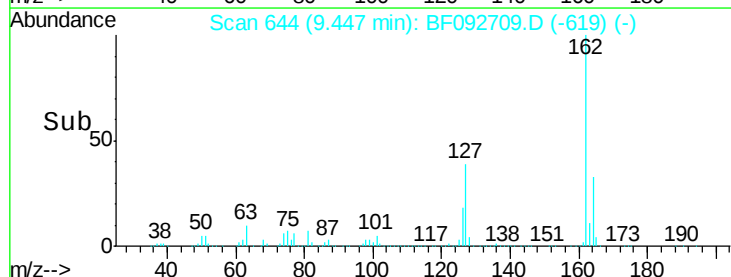


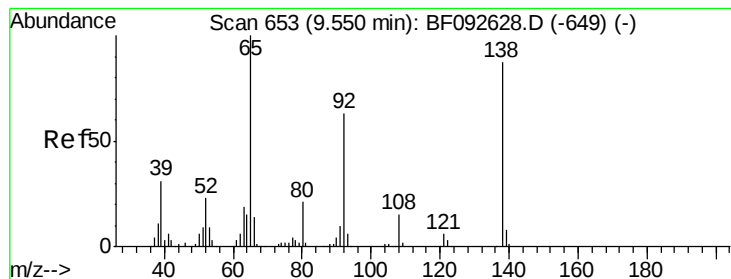
#46  
 2-Chloronaphthalene  
 Concen: 46.03 ng  
 RT: 9.45 min Scan# 644  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Tgt Ion:162 Resp: 881645  
 Ion Ratio Lower Upper  
 162 100  
 127 39.0 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: 46.33 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

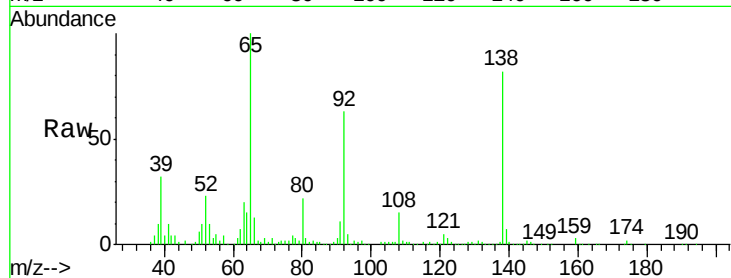
Tgt Ion: 65 Resp: 298373

Ion Ratio Lower Upper

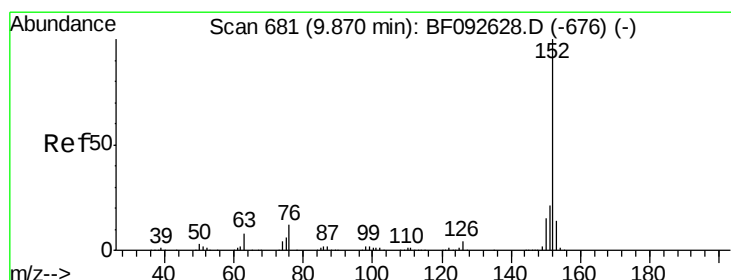
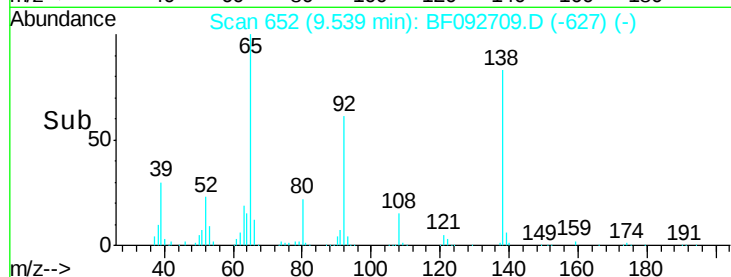
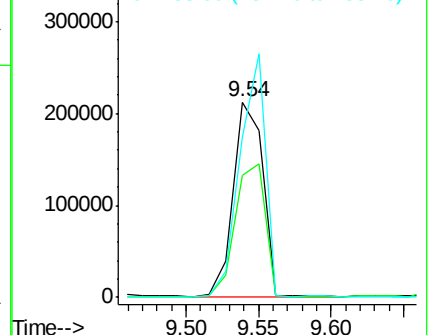
65 100

92 62.5 53.9 80.9

138 82.2 76.8 115.2



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



#48

Acenaphthylene

Concen: 41.04 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

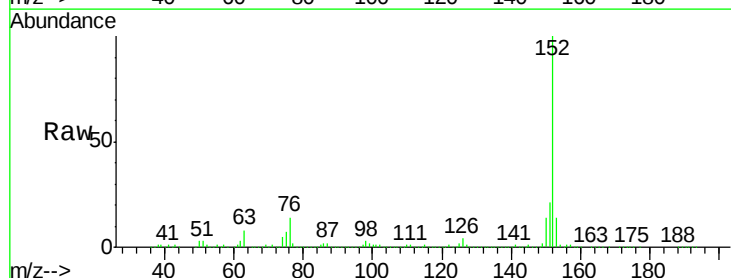
Tgt Ion: 152 Resp: 1358016

Ion Ratio Lower Upper

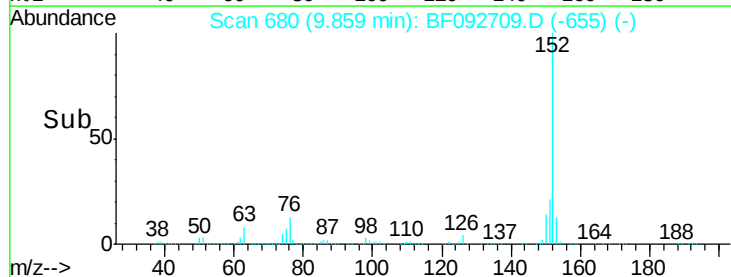
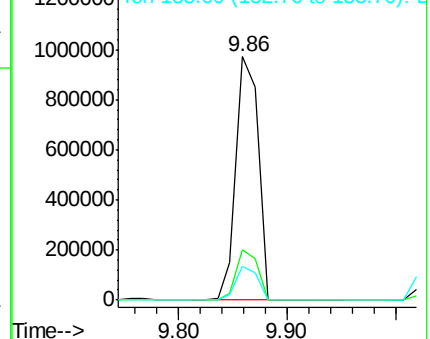
152 100

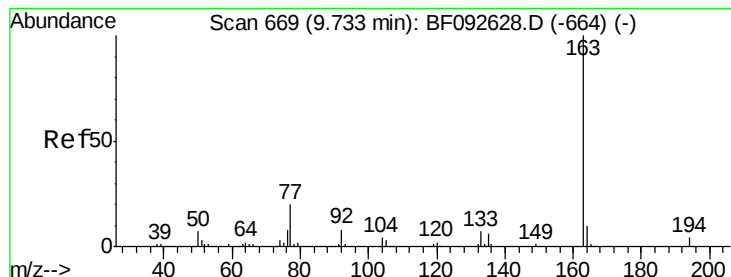
151 20.7 16.9 25.3

153 13.8 11.4 17.2



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





#49

Dimethylphthalate

Concen: 64.95 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

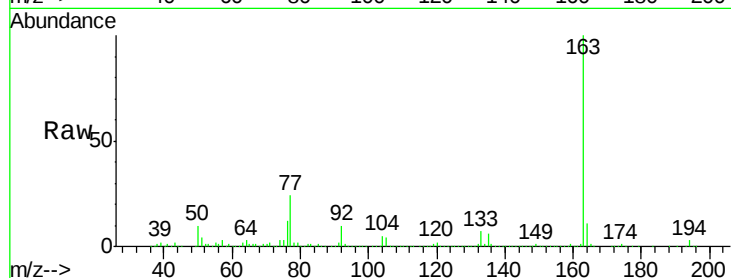
Tgt Ion:163 Resp: 1479393

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

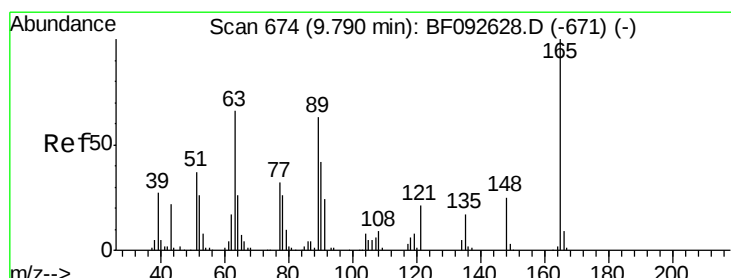
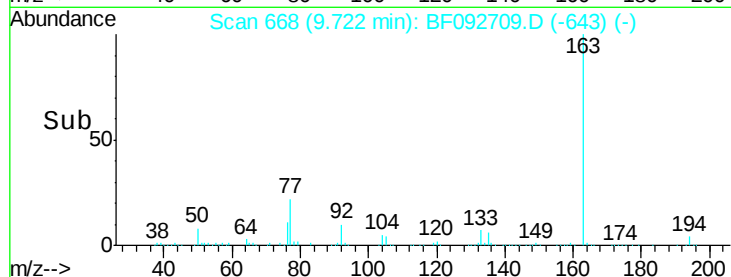
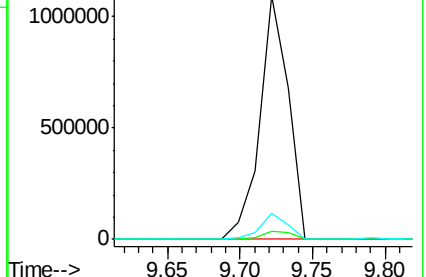
164 10.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.01 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

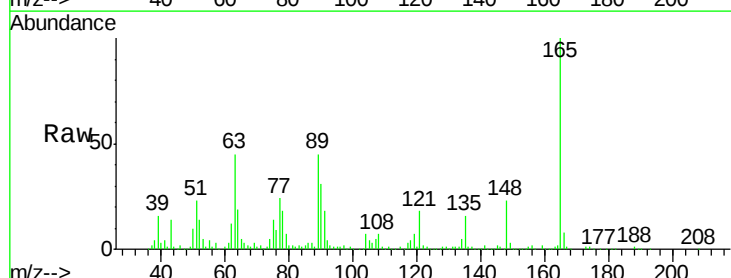
Tgt Ion:165 Resp: 246003

Ion Ratio Lower Upper

165 100

63 44.9 36.2 54.4

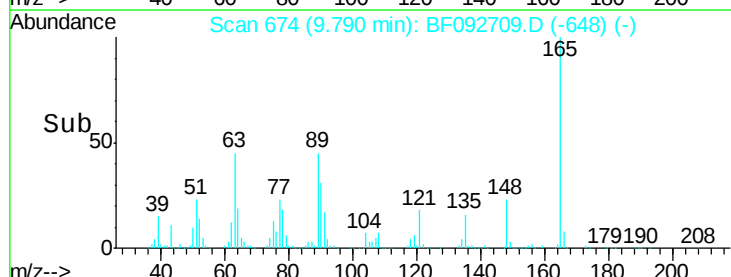
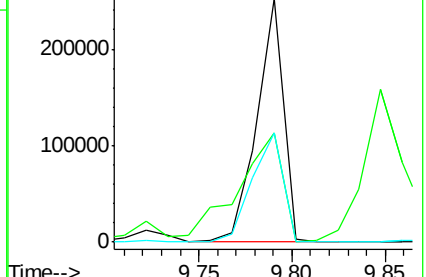
89 44.8 40.2 60.4

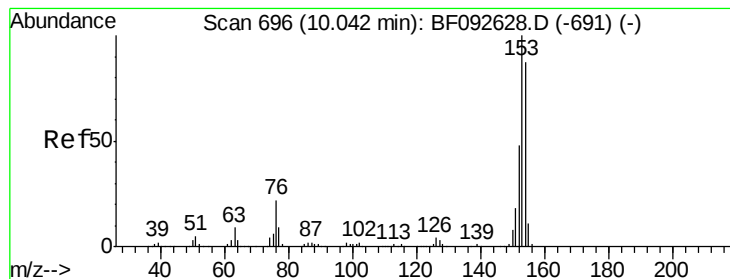


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.61 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

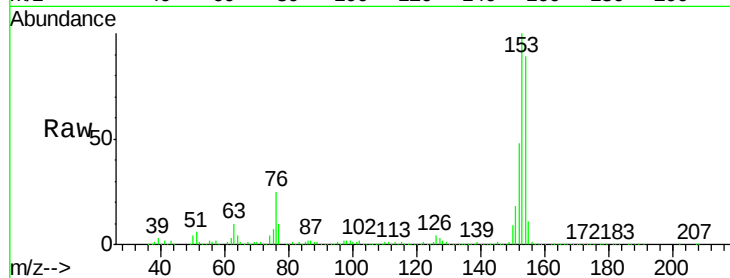
Tgt Ion:154 Resp: 862856

Ion Ratio Lower Upper

154 100

153 112.4 88.6 133.0

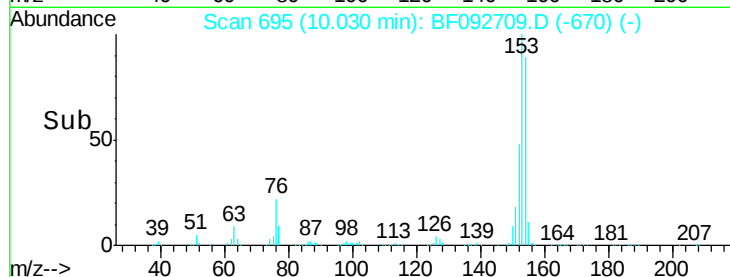
152 54.0 41.6 62.4



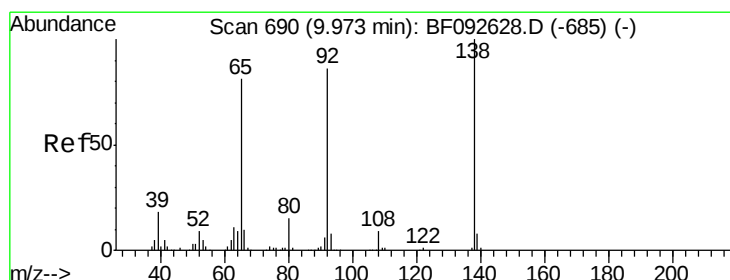
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 32.03 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

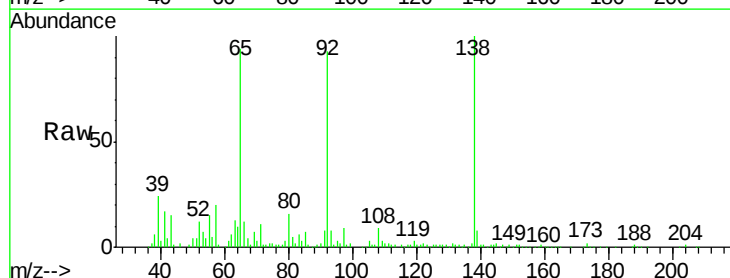
Tgt Ion:138 Resp: 180290

Ion Ratio Lower Upper

138 100

108 8.8 8.5 12.7

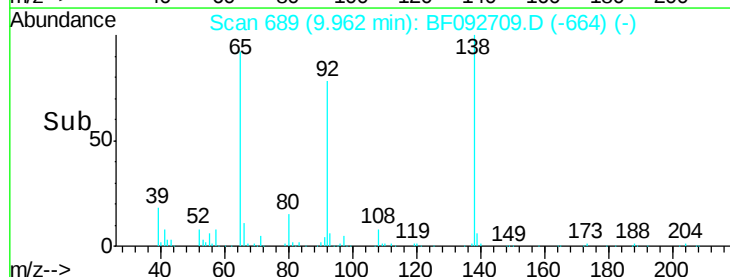
92 93.4 97.8 146.8#



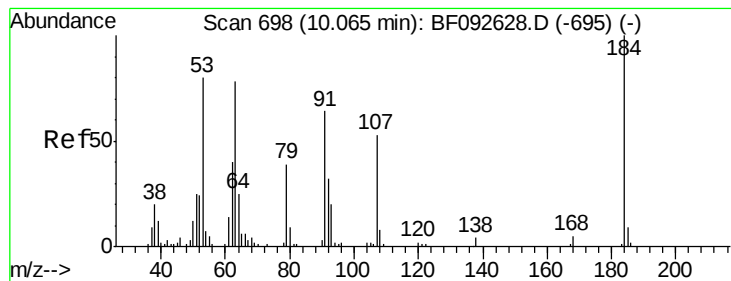
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#53

2,4-Dinitrophenol

Concen: 51.75 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

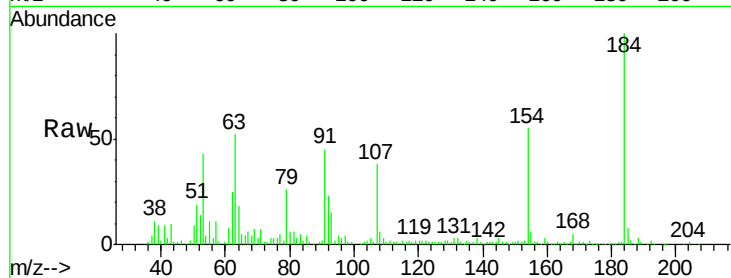
Tgt Ion:184 Resp: 125052

Ion Ratio Lower Upper

184 100

63 51.7 28.4 42.6#

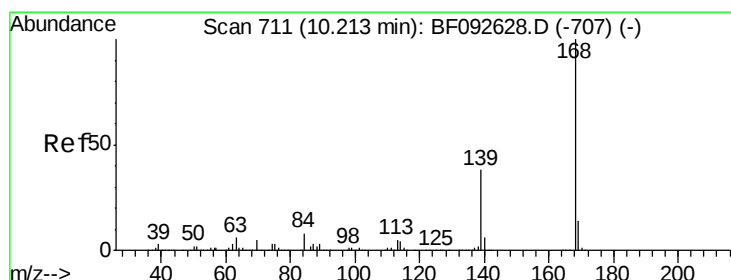
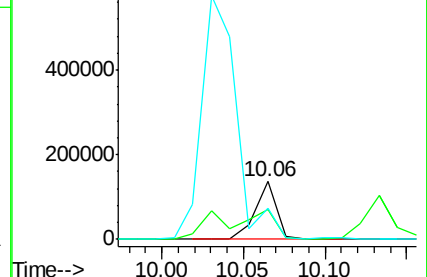
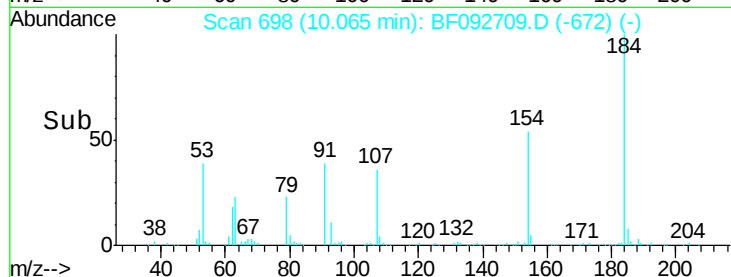
154 54.8 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 46.10 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

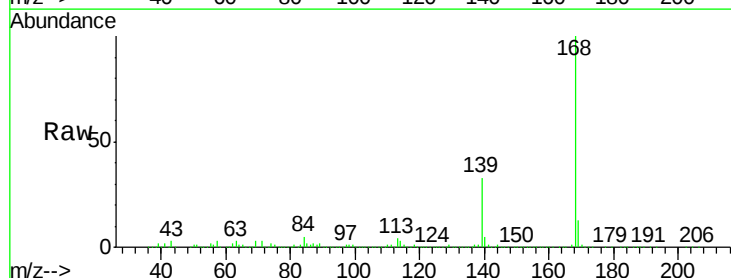
Tgt Ion:168 Resp: 1219813

Ion Ratio Lower Upper

168 100

139 33.2 32.6 49.0

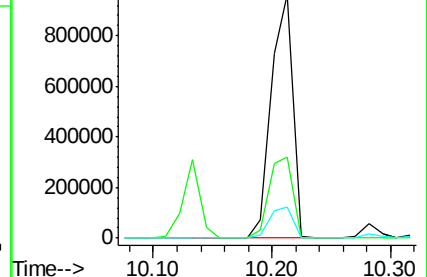
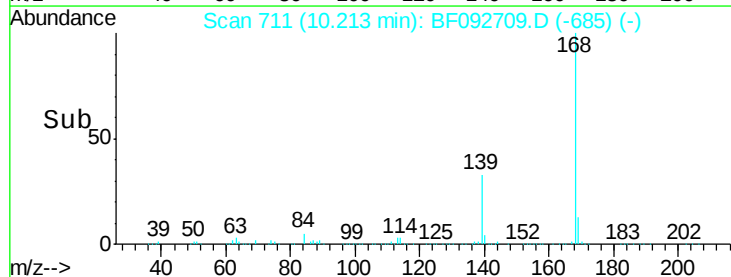
169 13.0 11.3 16.9

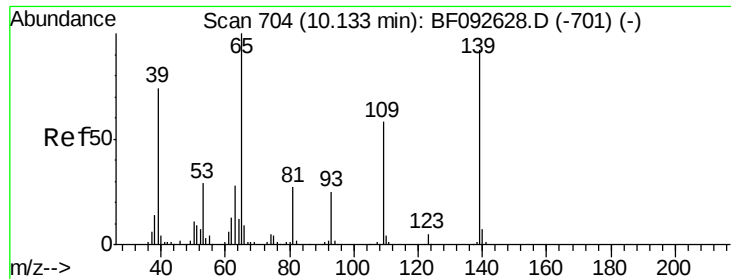


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

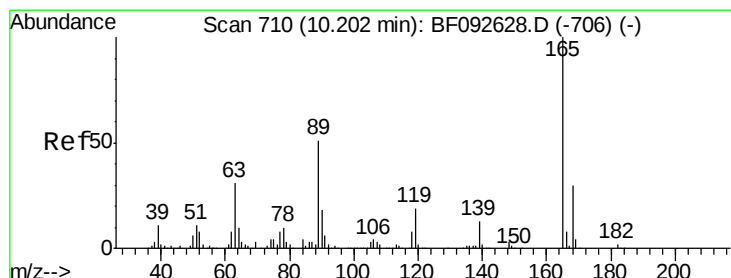
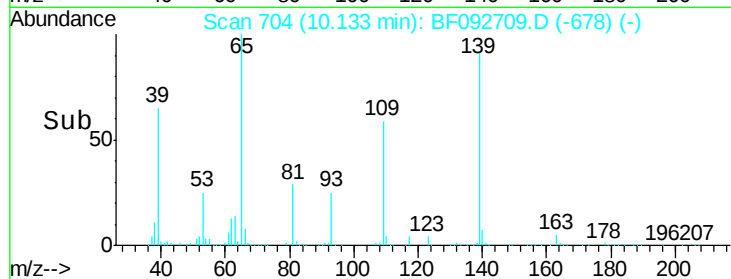
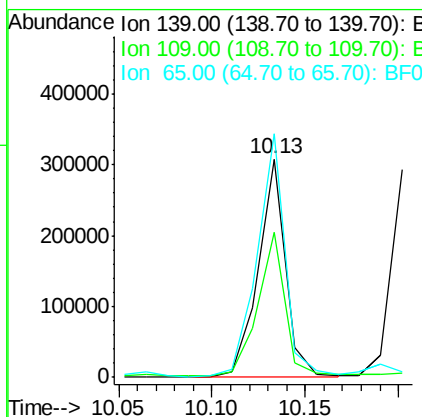
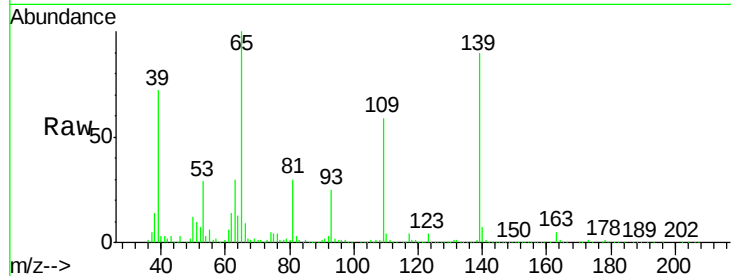




#55  
4-Nitrophenol  
Concen: 77.94 ng  
RT: 10.13 min Scan# 704  
Delta R.T. -0.00 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

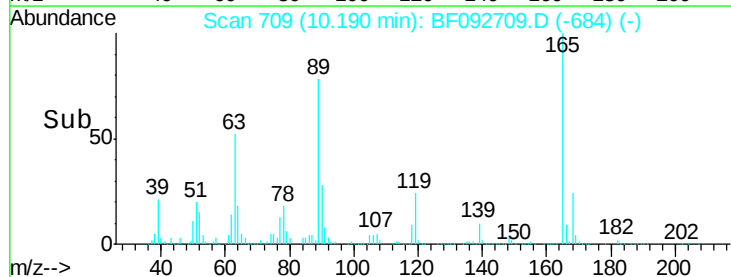
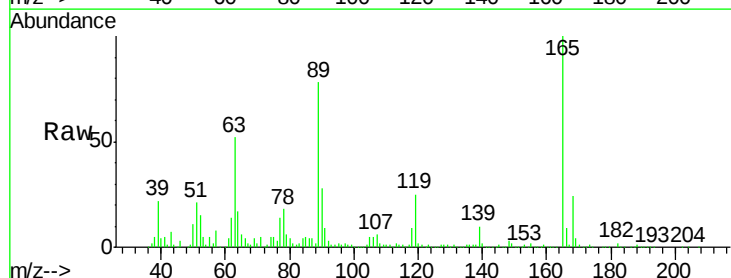
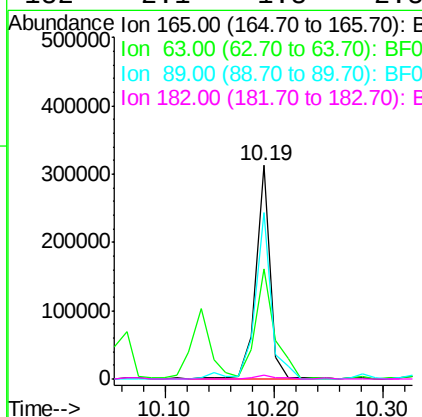
Instrument :  
BNA\_F  
ClientSampleId :  
SS-2MSD

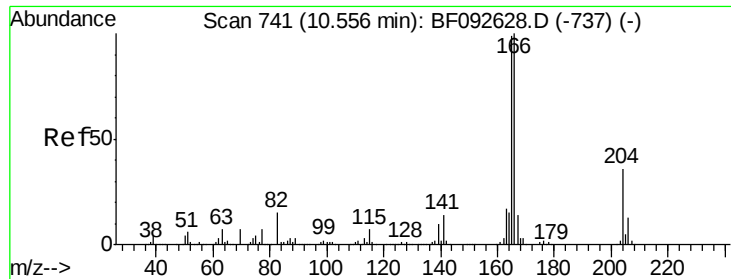
Tgt Ion:139 Resp: 316014  
Ion Ratio Lower Upper  
139 100  
109 66.2 52.2 92.2  
65 111.4 85.8 125.8



#56  
2,4-Dinitrotoluene  
Concen: 43.32 ng  
RT: 10.19 min Scan# 709  
Delta R.T. -0.01 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

Tgt Ion:165 Resp: 283674  
Ion Ratio Lower Upper  
165 100  
63 51.8 40.2 60.4  
89 78.0 62.5 93.7  
182 2.1 1.8 2.8





#57

Fluorene

Concen: 43.52 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

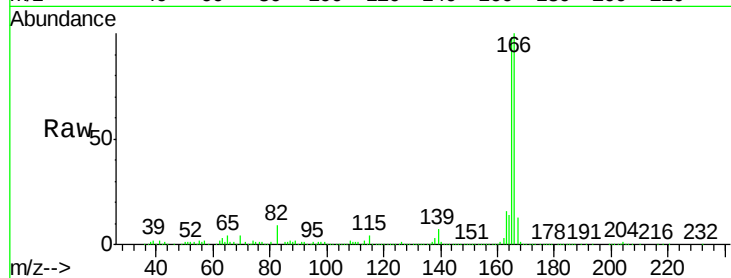
Tgt Ion:166 Resp: 885976

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.8

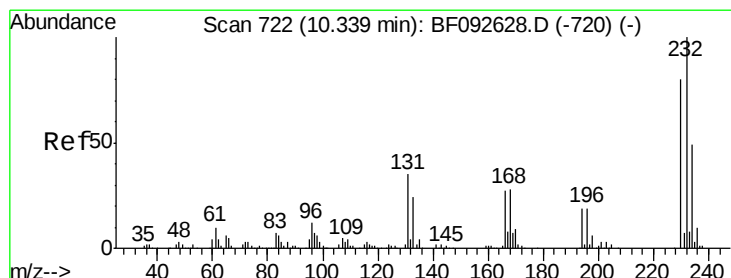
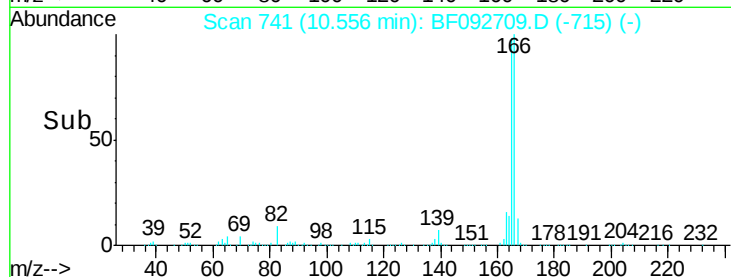
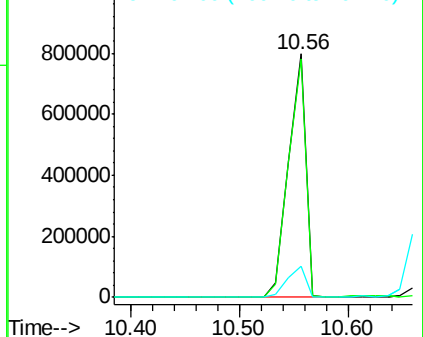
167 13.0 10.8 16.2



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: 44.85 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.06 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Tgt Ion:232 Resp: 204485

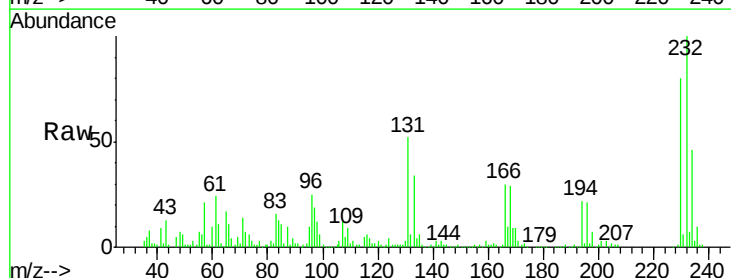
Ion Ratio Lower Upper

232 100

131 43.7 40.1 60.1

130 2.4 1.8 2.8

166 27.1 26.6 39.8

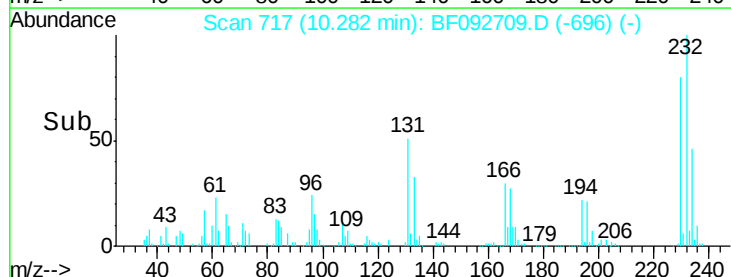
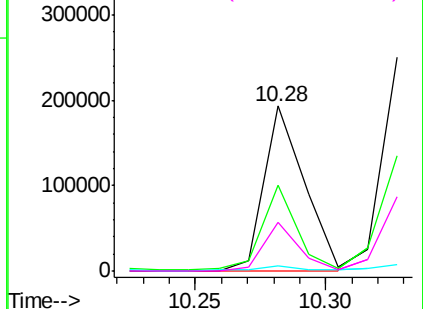


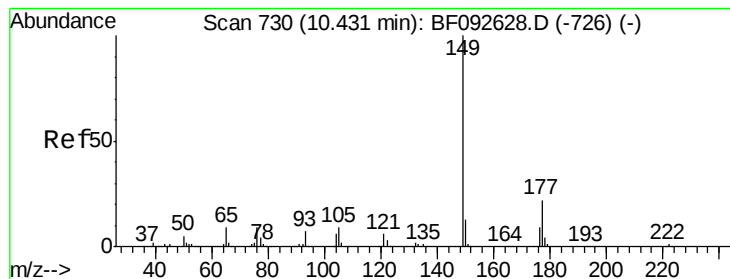
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.55 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

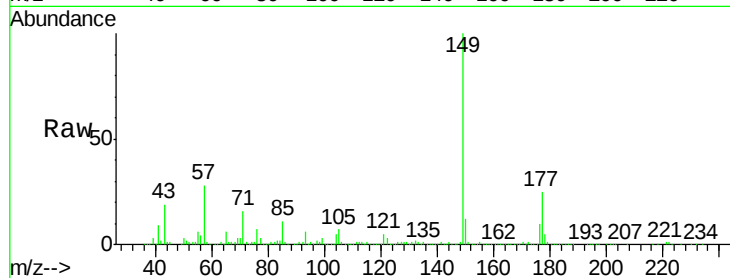
Tgt Ion:149 Resp: 934886

Ion Ratio Lower Upper

149 100

177 25.1 16.6 25.0#

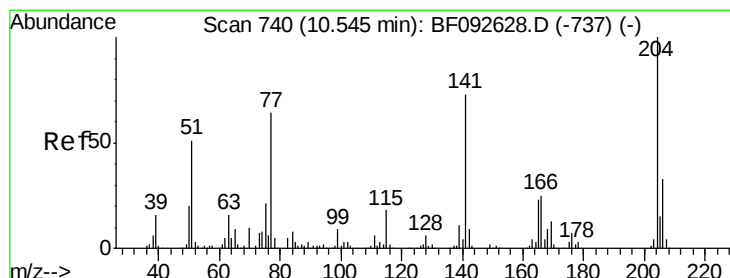
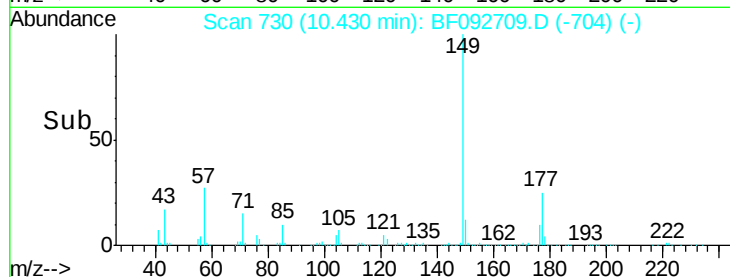
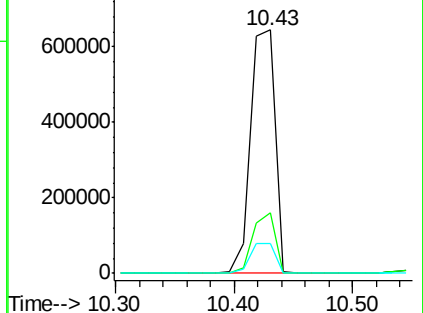
150 12.4 10.4 15.6



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: 43.73 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

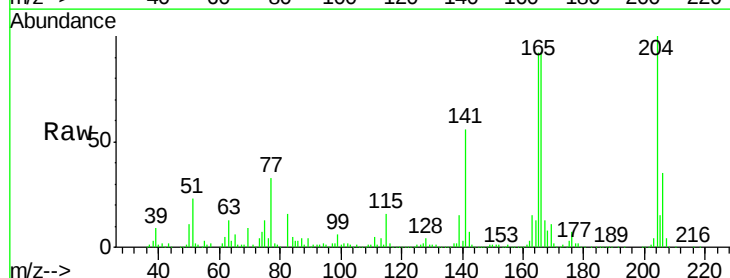
Tgt Ion:204 Resp: 427723

Ion Ratio Lower Upper

204 100

206 34.8 25.8 38.6

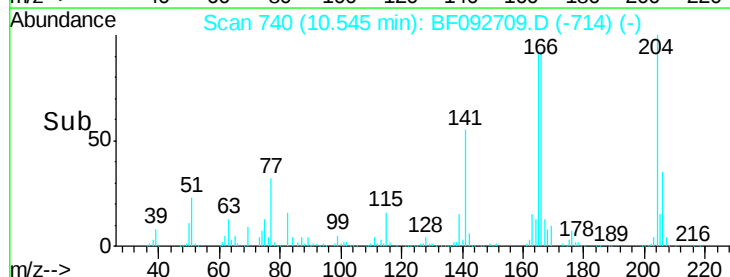
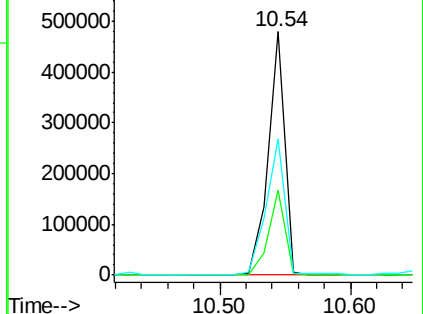
141 55.7 59.4 89.0#

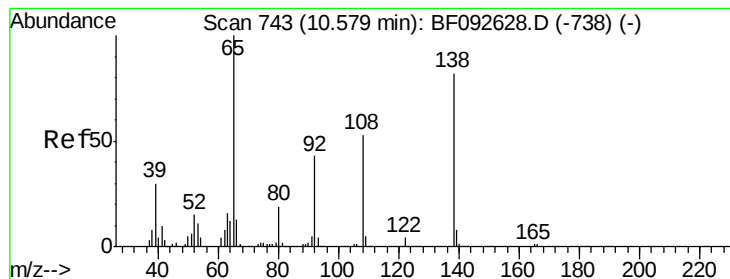


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.68 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

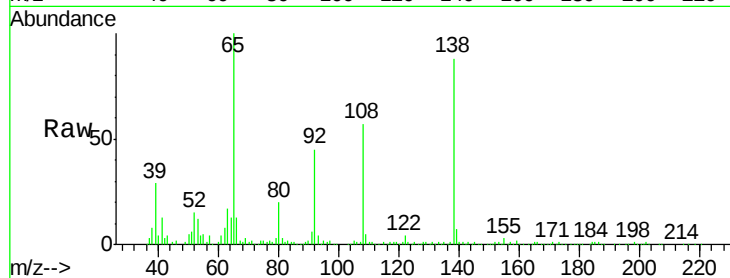
Tgt Ion:138 Resp: 251870

Ion Ratio Lower Upper

138 100

92 51.6 31.7 71.7

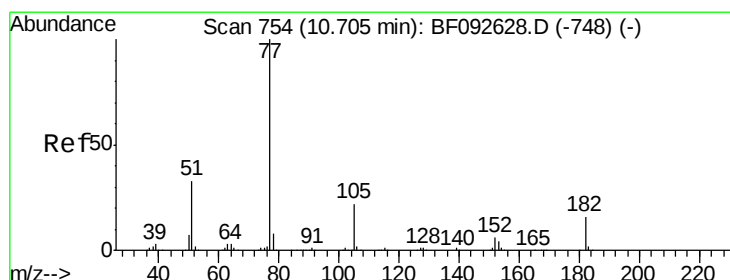
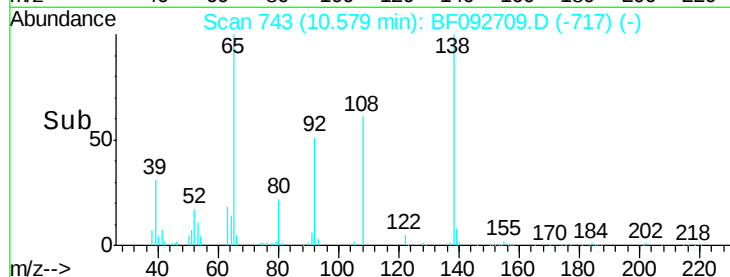
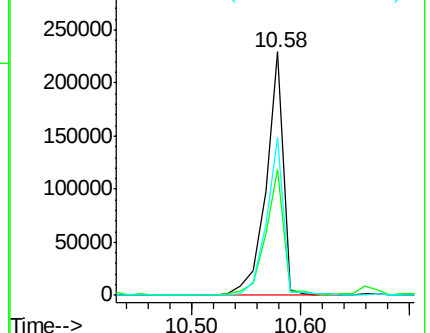
108 65.1 52.6 92.6



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: 51.22 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Tgt Ion: 77 Resp: 1135990

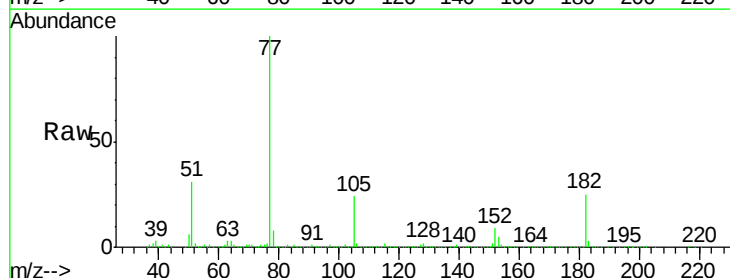
Ion Ratio Lower Upper

77 100

182 24.7 0.0 39.3

105 24.5 2.3 42.3

51 31.4 8.9 48.9

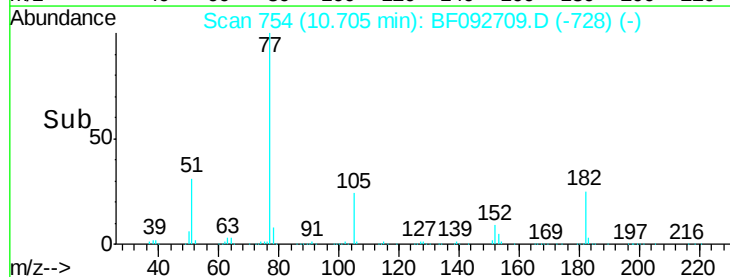
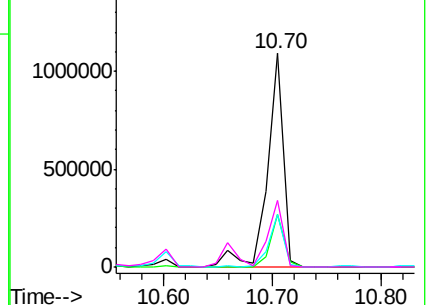


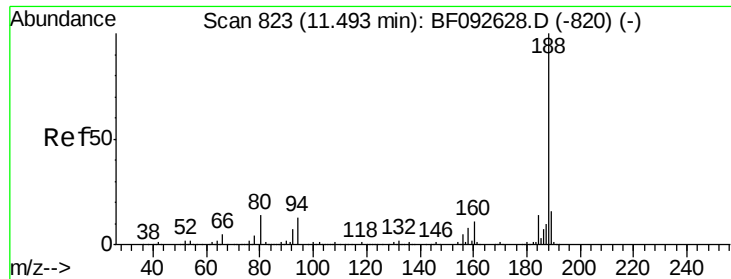
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

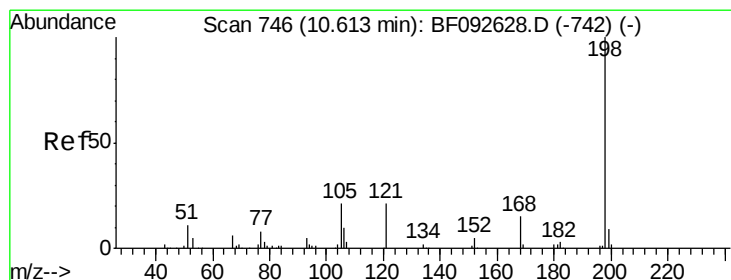
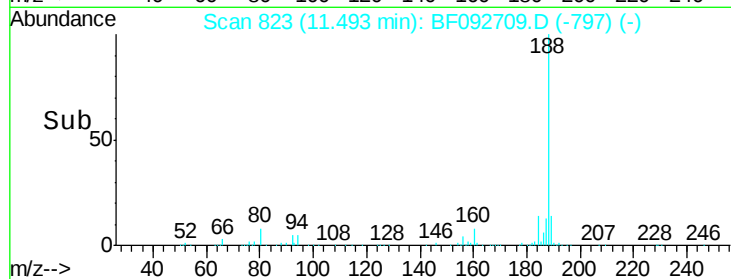
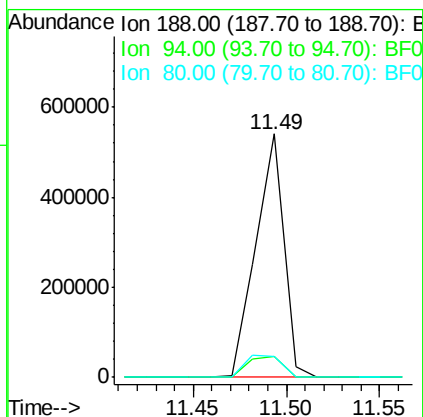
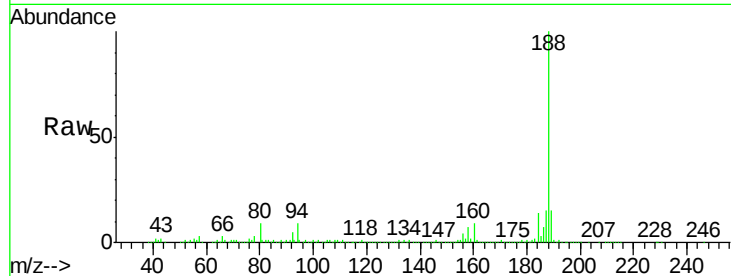




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.49 min Scan# 823  
Delta R.T. -0.00 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

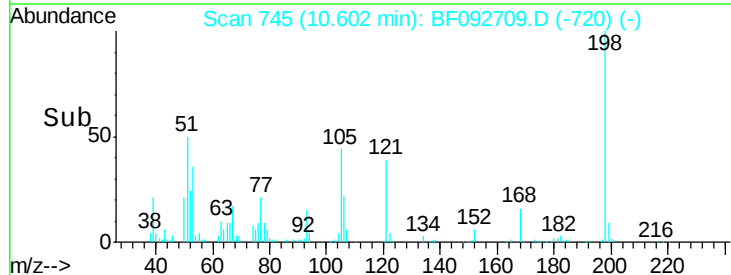
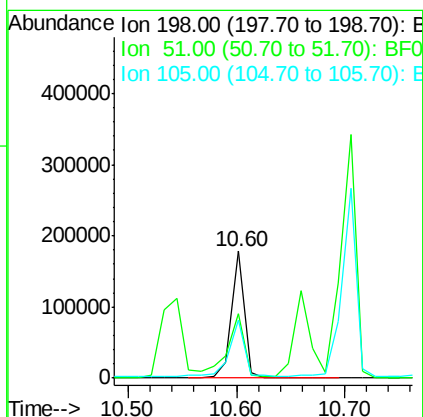
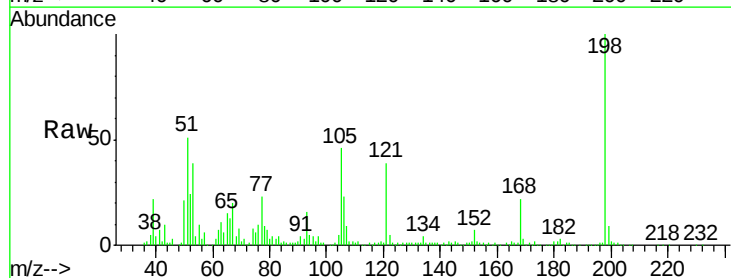
Instrument :  
BNA\_F  
ClientSampleId :  
SS-2MSD

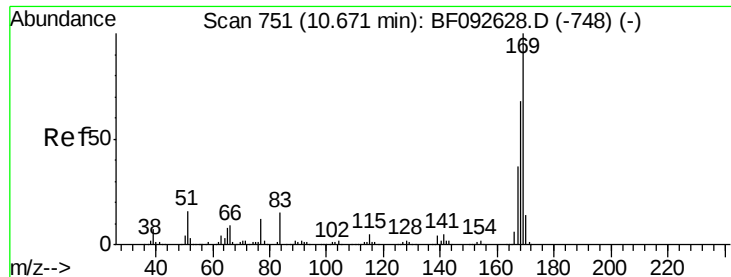
Tgt Ion:188 Resp: 564095  
Ion Ratio Lower Upper  
188 100  
94 8.6 10.0 15.0#  
80 8.8 11.2 16.8#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 43.17 ng  
RT: 10.60 min Scan# 745  
Delta R.T. -0.01 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

Tgt Ion:198 Resp: 147261  
Ion Ratio Lower Upper  
198 100  
51 50.8 6.7 46.7#  
105 45.5 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 44.72 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

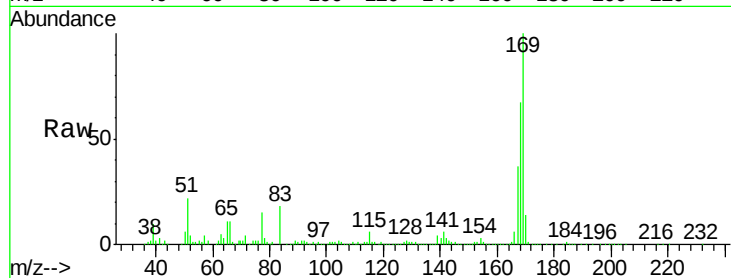
Tgt Ion:169 Resp: 805906

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.2

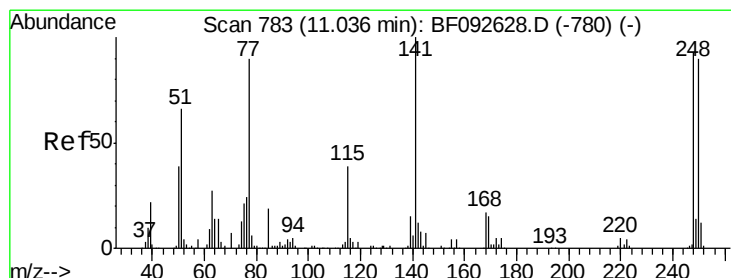
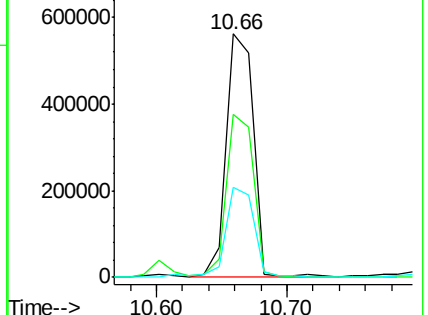
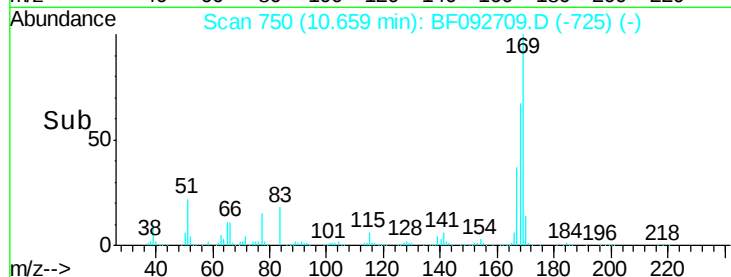
167 37.1 30.2 45.4



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: 44.55 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

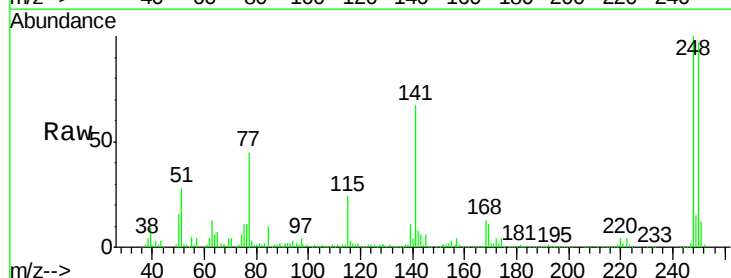
Tgt Ion:248 Resp: 262531

Ion Ratio Lower Upper

248 100

250 96.7 76.9 115.3

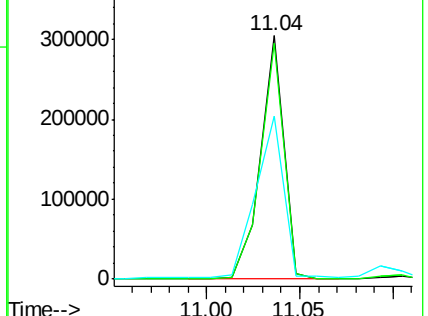
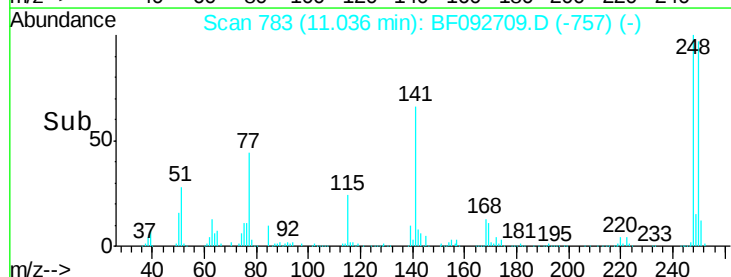
141 66.7 68.2 102.4#

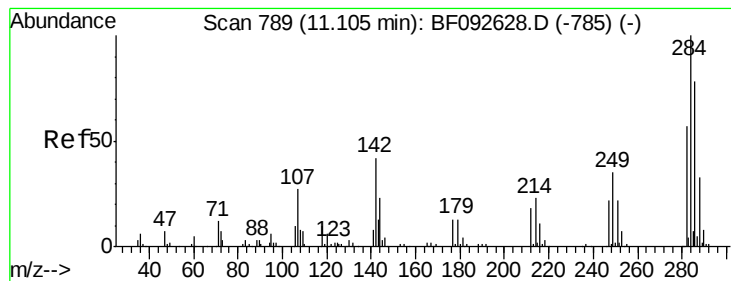


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.74 ng

RT: 11.10 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

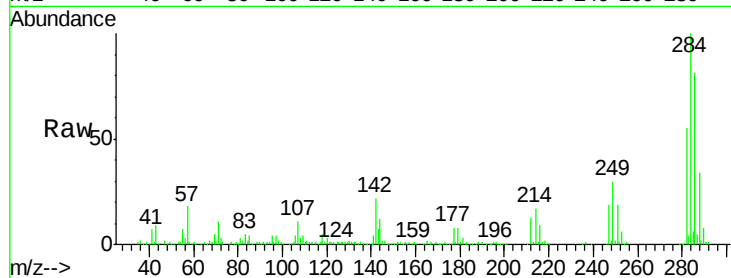
Tgt Ion:284 Resp: 248907

Ion Ratio Lower Upper

284 100

142 21.6 22.6 33.8#

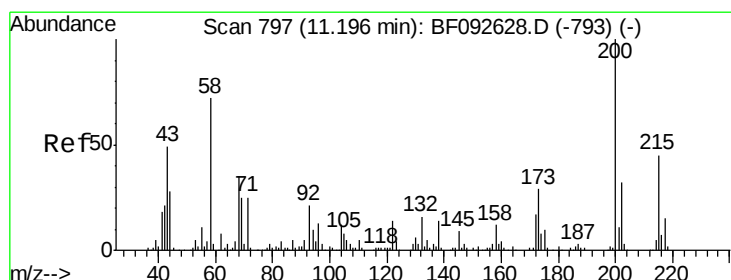
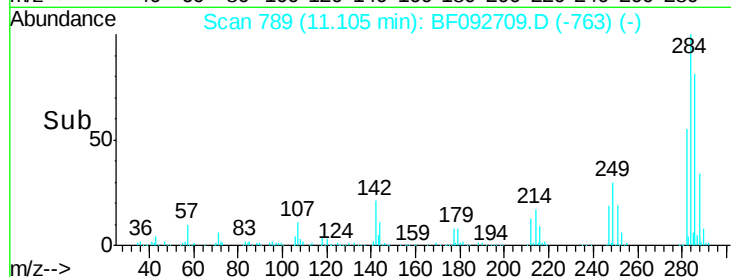
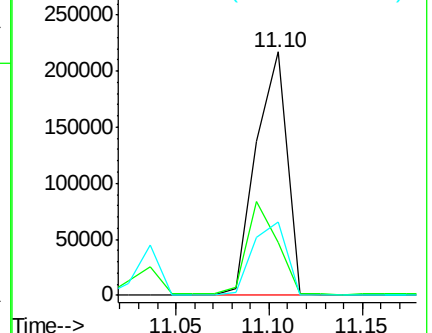
249 29.9 25.4 38.0



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: 46.79 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

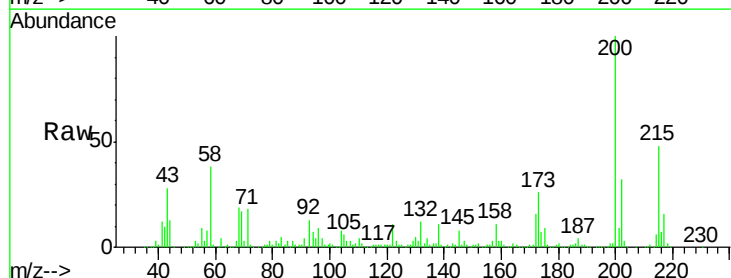
Tgt Ion:200 Resp: 270591

Ion Ratio Lower Upper

200 100

173 26.4 9.6 49.6

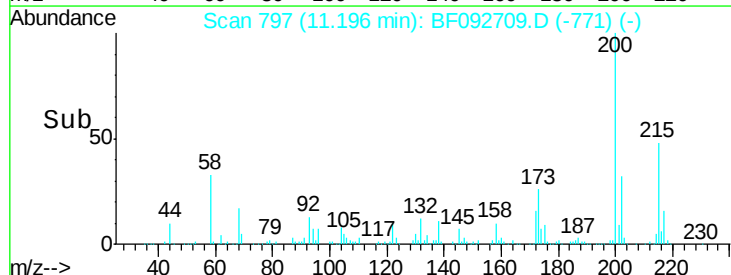
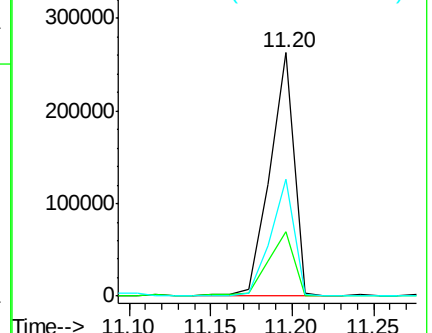
215 48.2 25.7 65.7

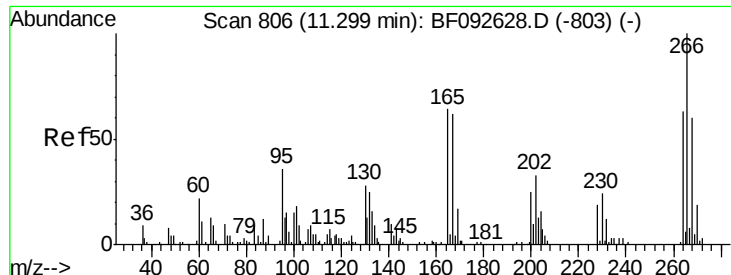


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

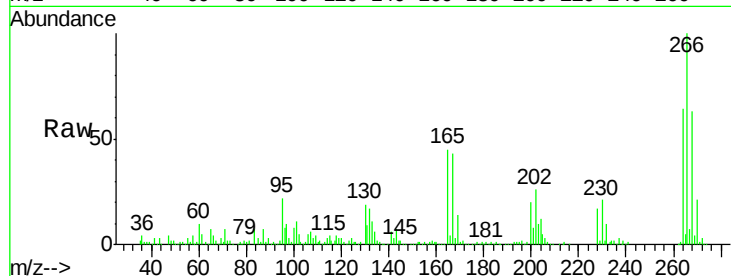




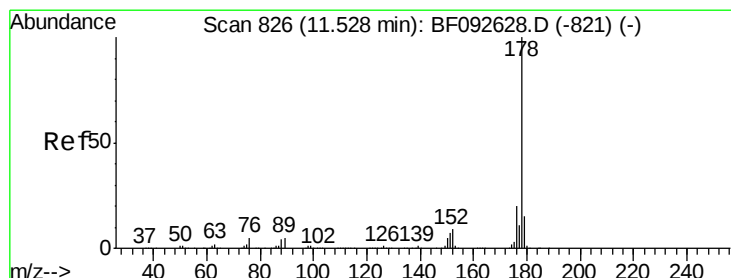
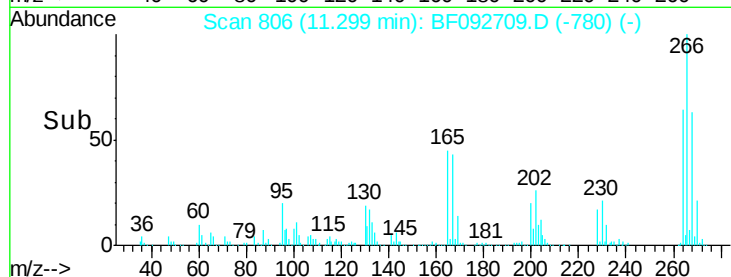
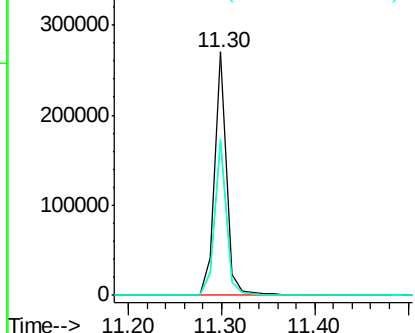
#69  
 Pentachlorophenol  
 Concen: 79.74 ng  
 RT: 11.30 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-2MSD

Tgt Ion:266 Resp: 239660  
 Ion Ratio Lower Upper  
 266 100  
 268 63.4 53.3 79.9  
 264 64.3 50.3 75.5

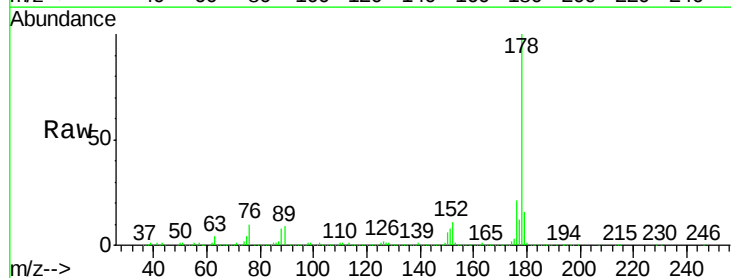


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

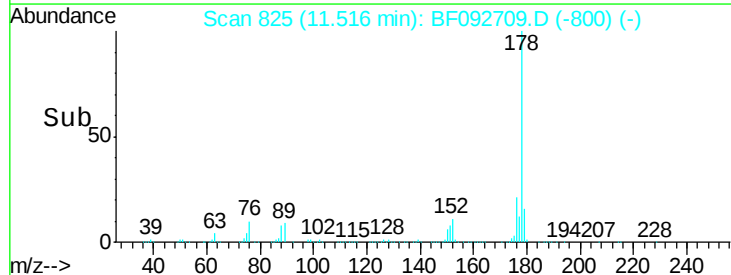
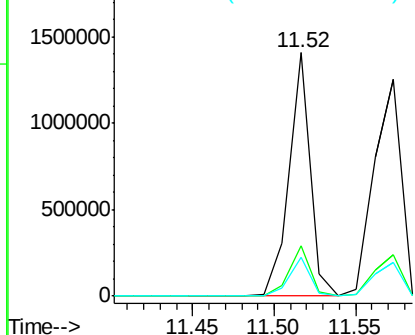


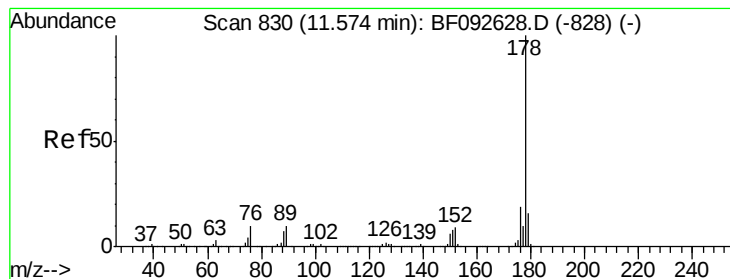
#70  
 Phenanthrene  
 Concen: 39.31 ng  
 RT: 11.52 min Scan# 825  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Tgt Ion:178 Resp: 1270400  
 Ion Ratio Lower Upper  
 178 100  
 176 20.5 16.6 25.0  
 179 15.9 12.8 19.2



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





#71

Anthracene

Concen: 44.81 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

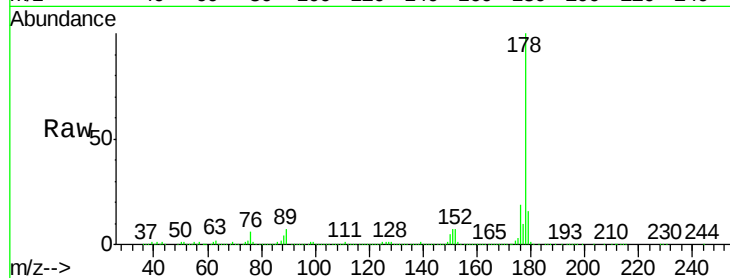
Tgt Ion:178 Resp: 1454174

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

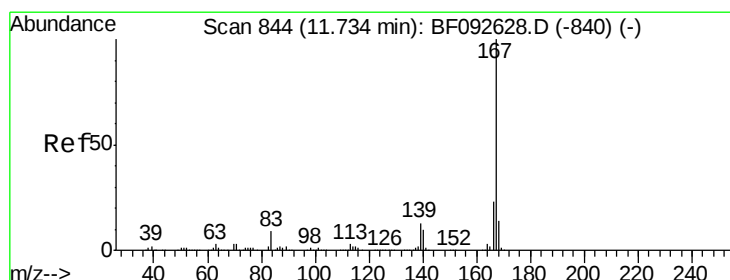
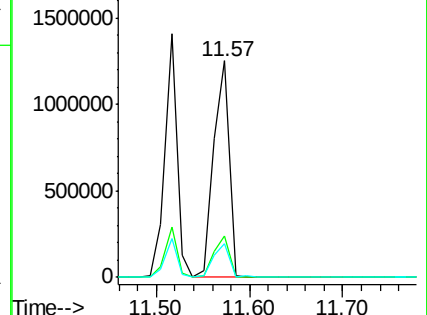
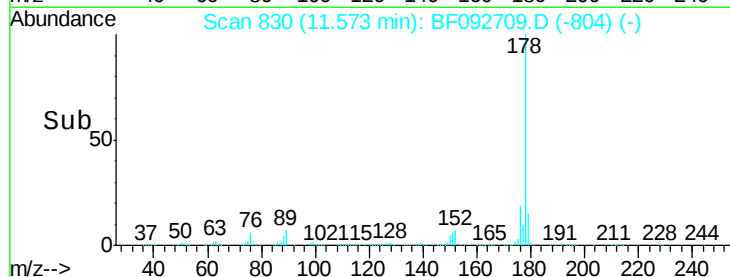
179 15.5 13.2 19.8



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: 37.28 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

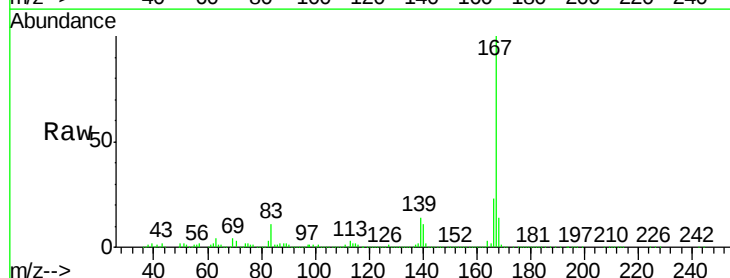
Tgt Ion:167 Resp: 1156676

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

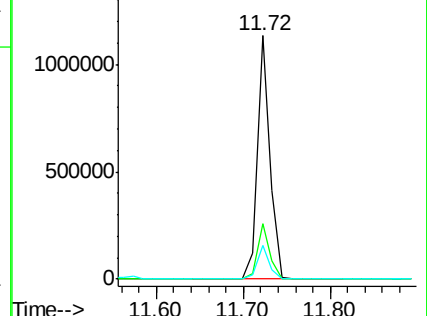
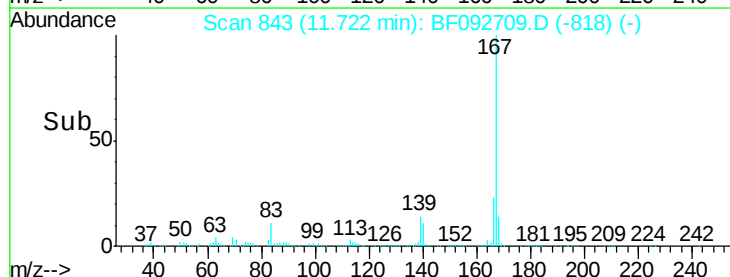
139 13.8 11.4 17.2

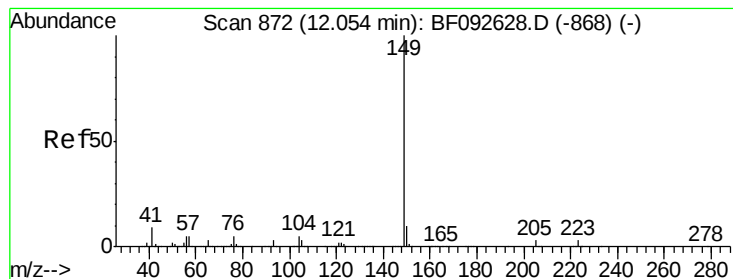


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.86 ng

RT: 12.05 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

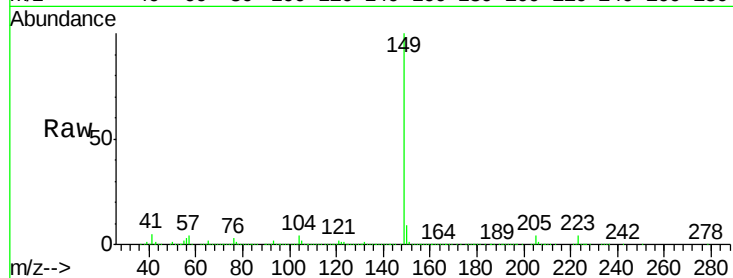
Tgt Ion:149 Resp: 1572238

Ion Ratio Lower Upper

149 100

150 8.9 8.1 12.1

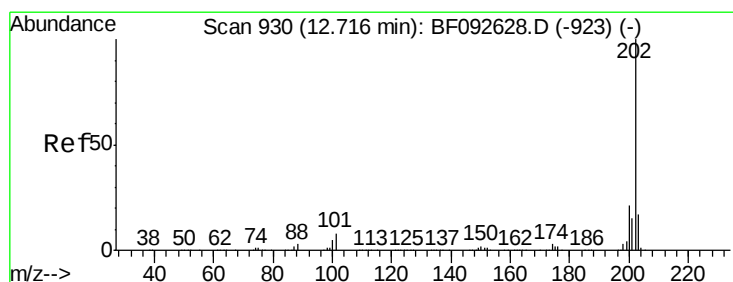
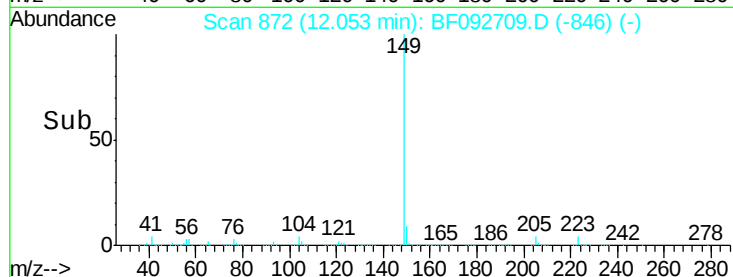
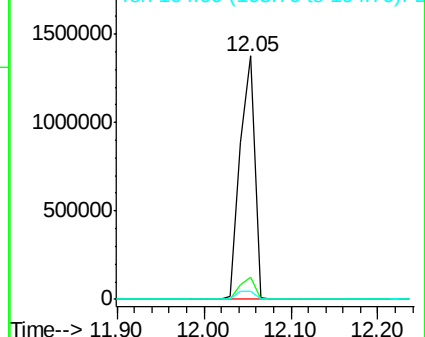
104 3.5 4.6 7.0#



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: 41.25 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

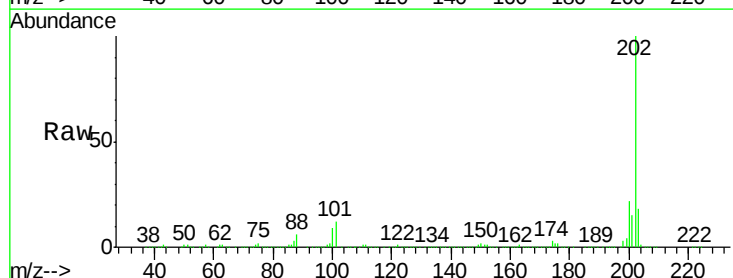
Tgt Ion:202 Resp: 1375060

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.6

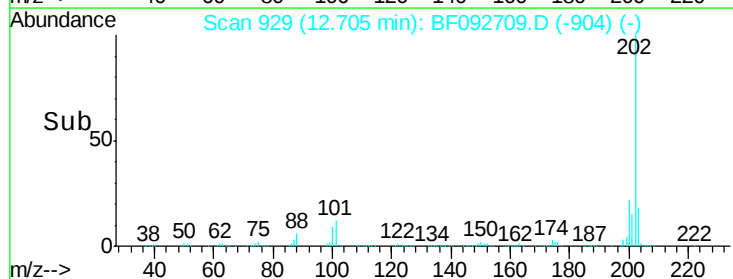
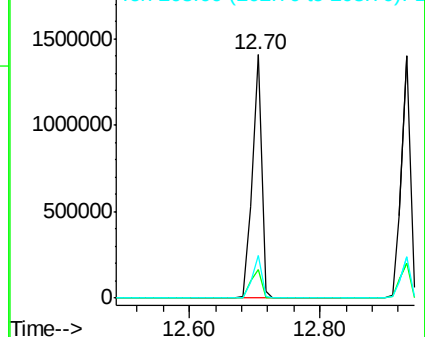
203 17.7 0.0 38.7

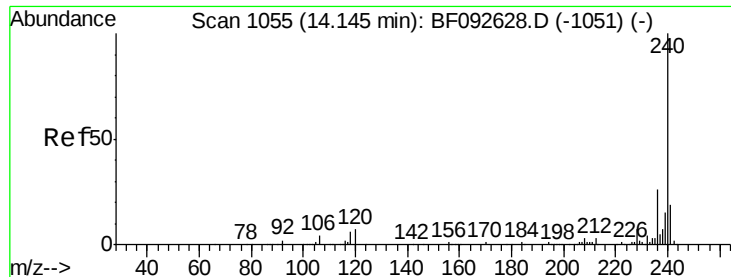


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

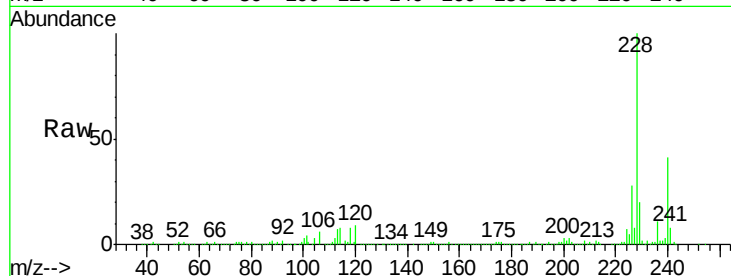




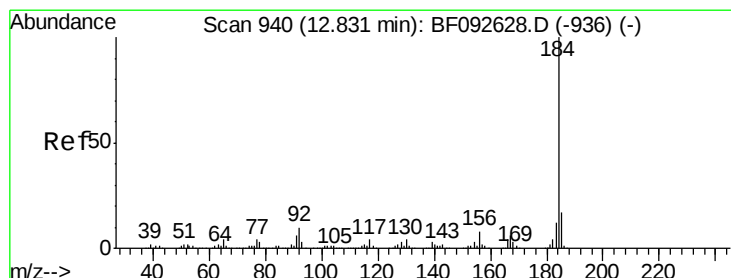
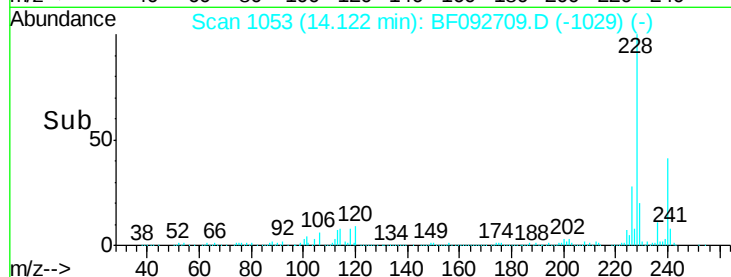
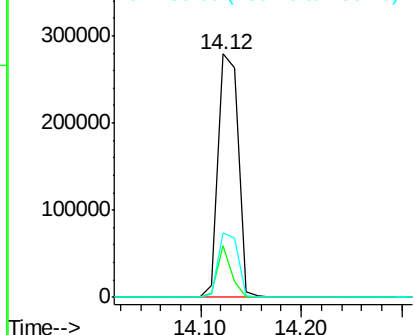
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.12 min Scan# 1053  
Delta R.T. -0.02 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

Instrument :  
BNA\_F  
ClientSampleId :  
SS-2MSD

Tgt Ion:240 Resp: 388723  
Ion Ratio Lower Upper  
240 100  
120 21.2 12.9 19.3#  
236 26.4 20.9 31.3

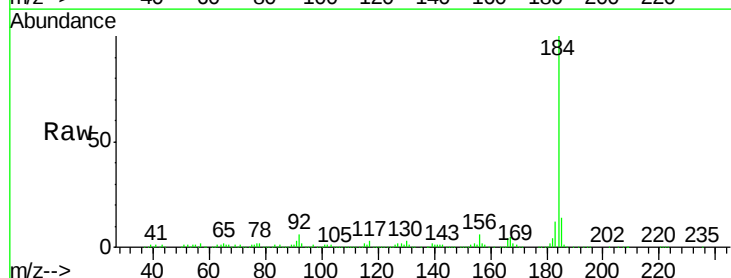


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

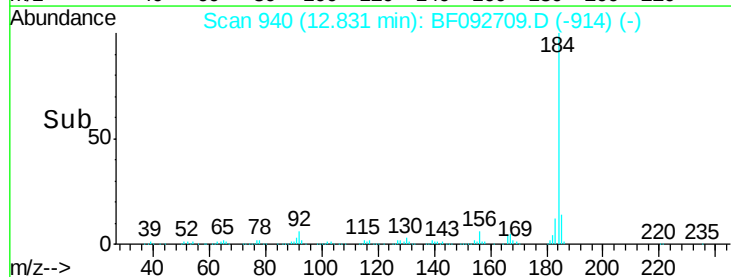
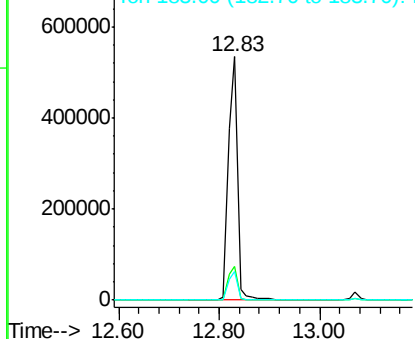


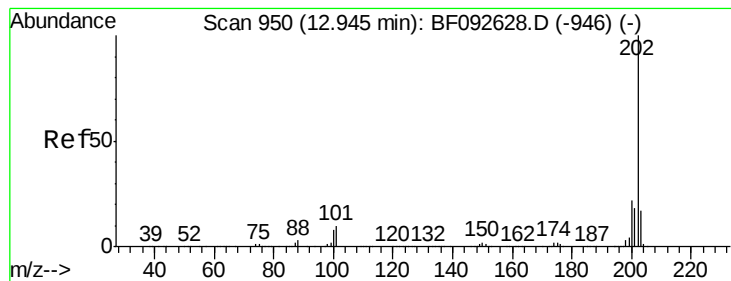
#76  
Benzidine  
Concen: 40.71 ng  
RT: 12.83 min Scan# 940  
Delta R.T. -0.00 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

Tgt Ion:184 Resp: 674364  
Ion Ratio Lower Upper  
184 100  
185 13.9 13.4 20.0  
183 12.0 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: 46.10 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

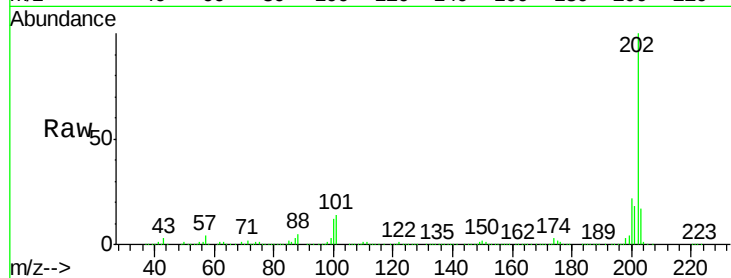
Tgt Ion:202 Resp: 1340960

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

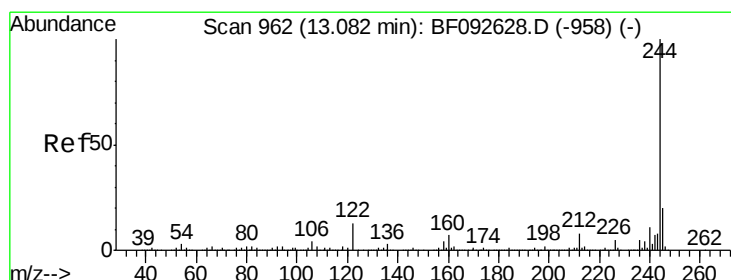
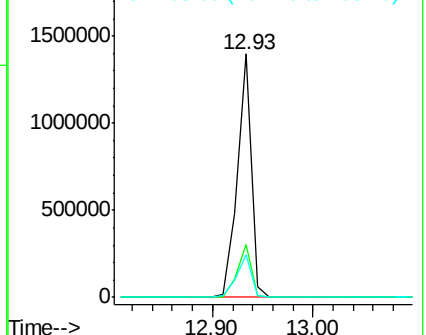
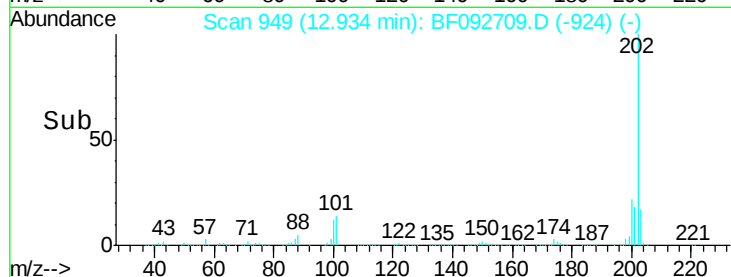
203 17.4 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.98 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

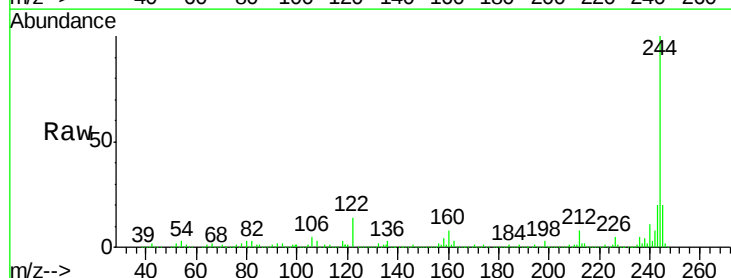
Tgt Ion:244 Resp: 1306566

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

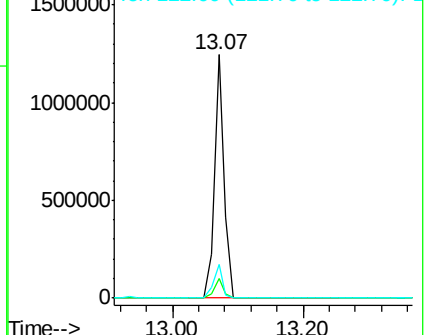
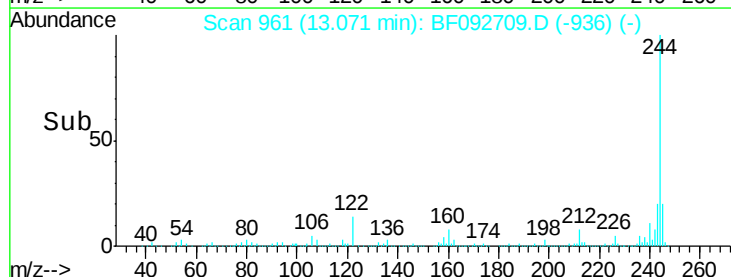
122 13.8 11.4 17.2

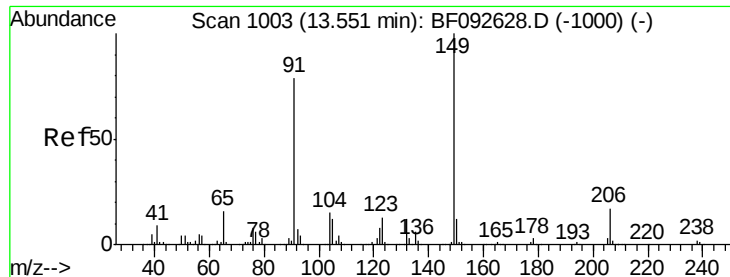


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

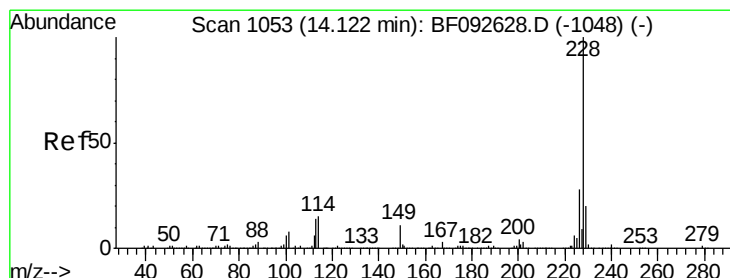
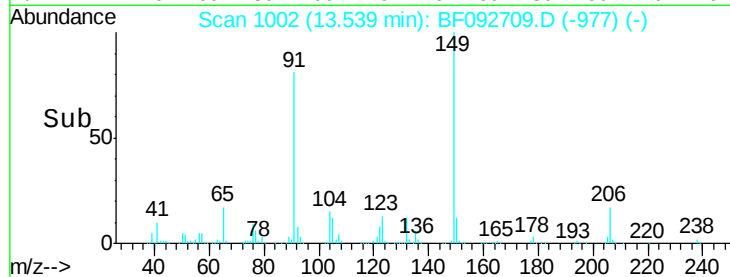
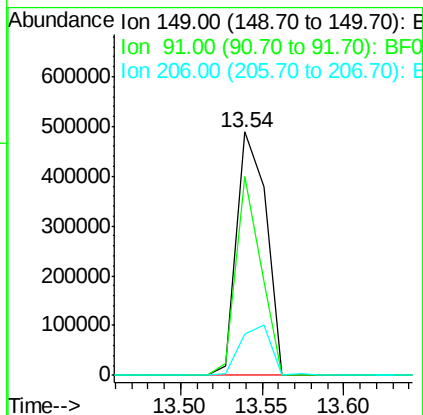
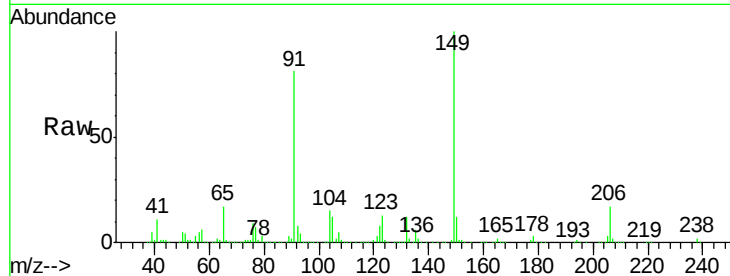




#79  
Butylbenzylphthalate  
Concen: 51.50 ng  
RT: 13.54 min Scan# 1002  
Delta R.T. -0.01 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

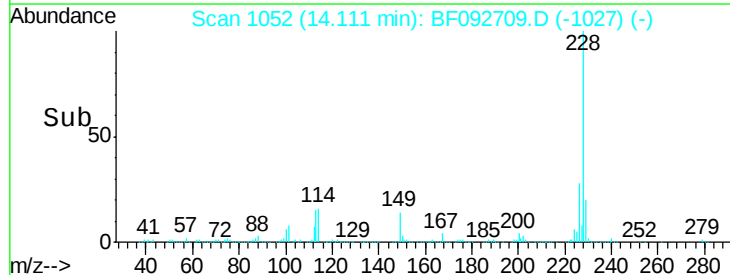
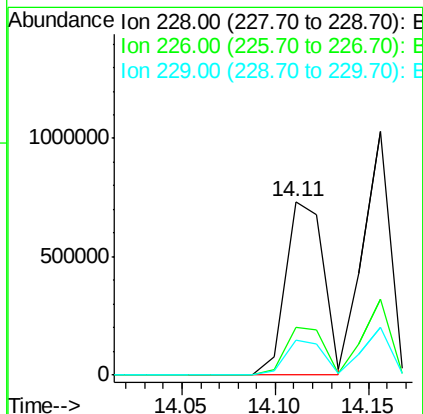
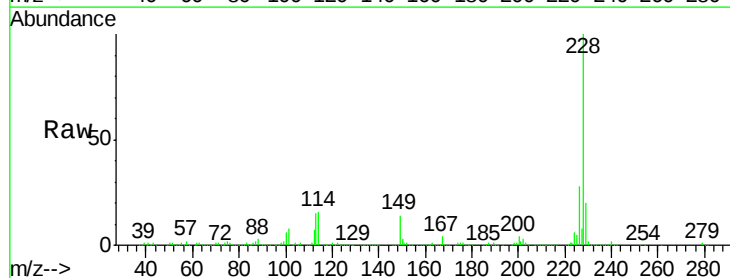
Instrument :  
BNA\_F  
ClientSampleId :  
SS-2MSD

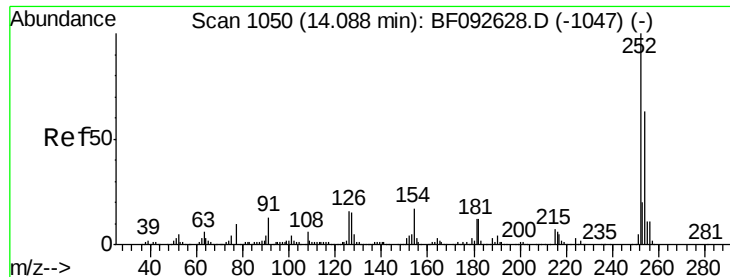
Tgt Ion:149 Resp: 608353  
Ion Ratio Lower Upper  
149 100  
91 81.4 63.9 95.9  
206 16.8 14.6 21.8



#80  
Benzo(a)anthracene  
Concen: 43.80 ng  
RT: 14.11 min Scan# 1052  
Delta R.T. -0.01 min  
Lab File: BF092709.D  
Acq: 1 Feb 2017 17:31

Tgt Ion:228 Resp: 1041339  
Ion Ratio Lower Upper  
228 100  
226 27.8 22.4 33.6  
229 20.1 16.2 24.4

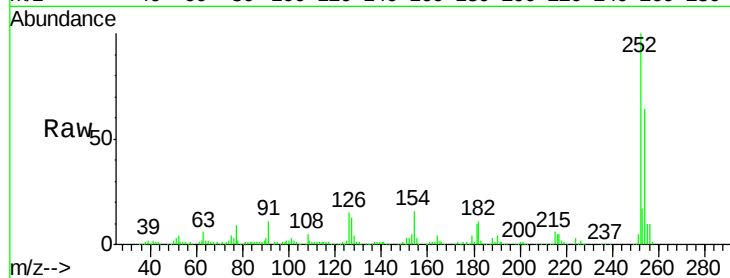




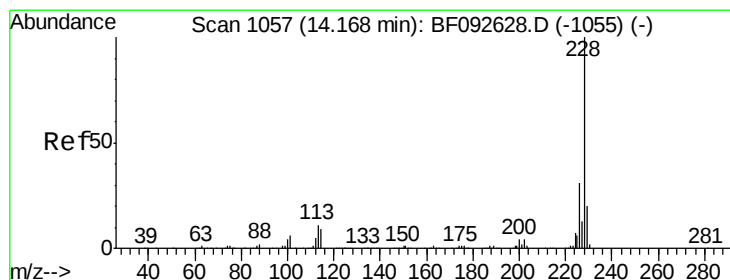
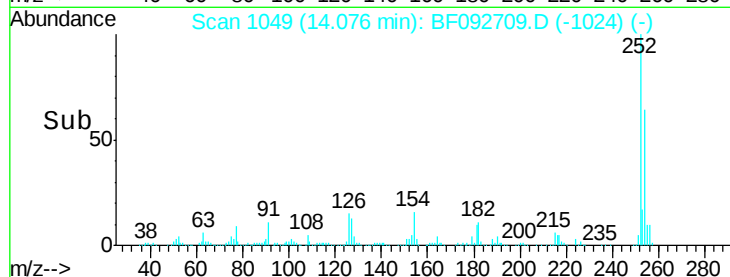
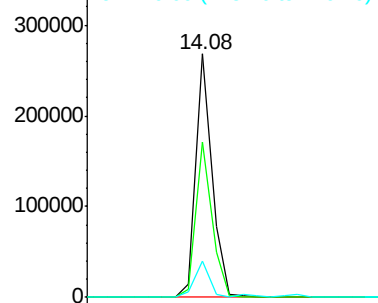
#81  
 3,3'-Dichlorobenzidine  
 Concen: 29.73 ng  
 RT: 14.08 min Scan# 1049  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-2MSD

Tgt Ion:252 Resp: 251924  
 Ion Ratio Lower Upper  
 252 100  
 254 63.9 52.3 78.5  
 126 14.8 13.6 20.4

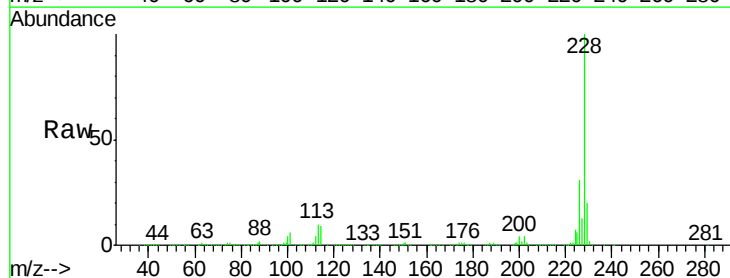


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

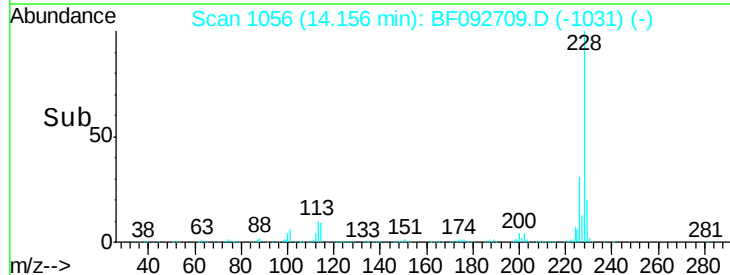
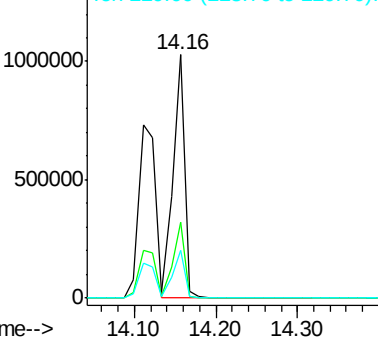


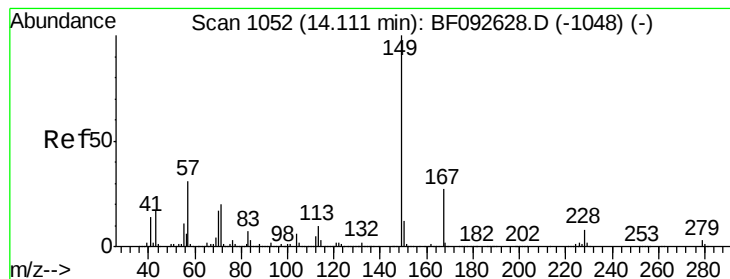
#82  
 Chrysene  
 Concen: 46.40 ng  
 RT: 14.16 min Scan# 1056  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Tgt Ion:228 Resp: 1032864  
 Ion Ratio Lower Upper  
 228 100  
 226 31.0 25.4 38.0  
 229 19.8 16.2 24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.95 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

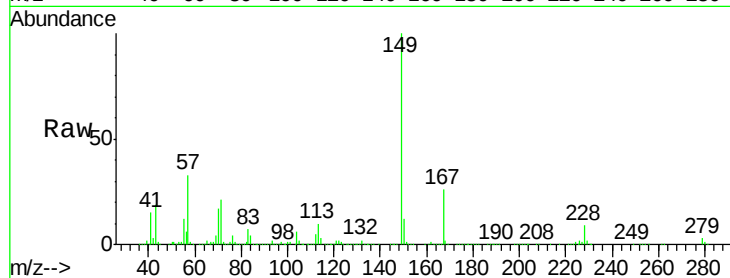
Tgt Ion:149 Resp: 807010

Ion Ratio Lower Upper

149 100

167 26.3 20.2 30.4

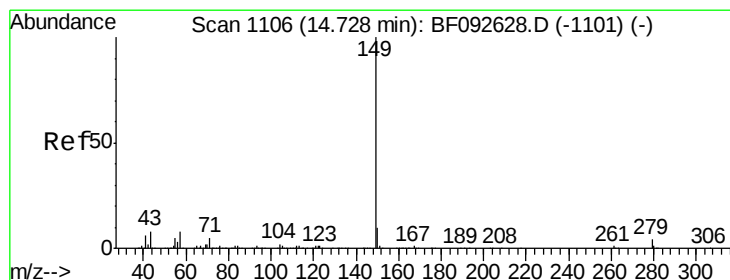
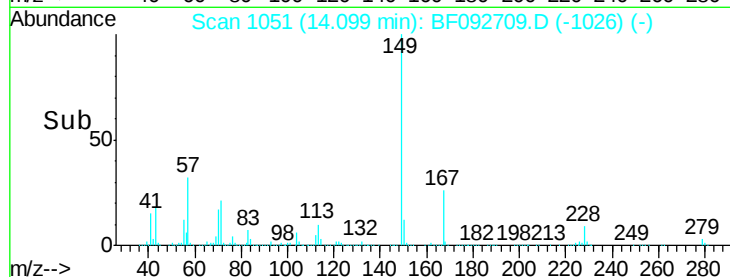
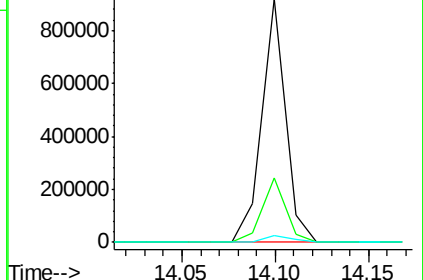
279 2.7 1.8 2.8



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: 49.54 ng

RT: 14.71 min Scan# 1104

Delta R.T. -0.02 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

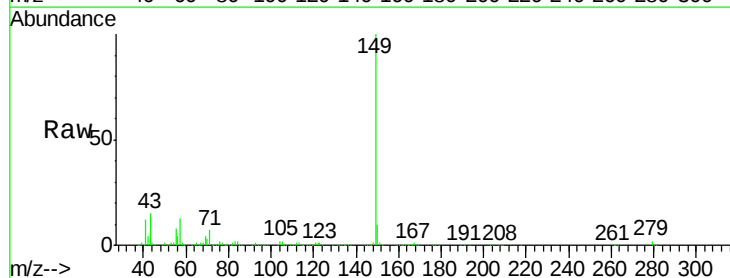
Tgt Ion:149 Resp: 1303306

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

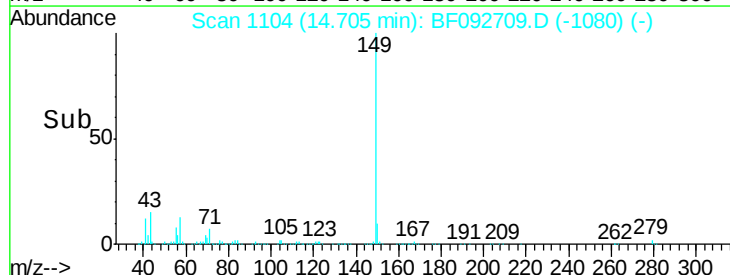
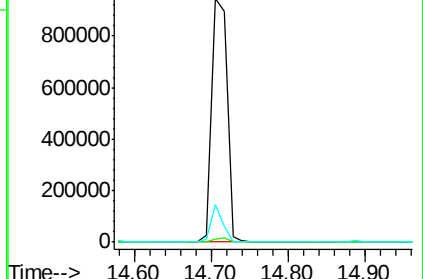
43 11.8 8.9 13.3

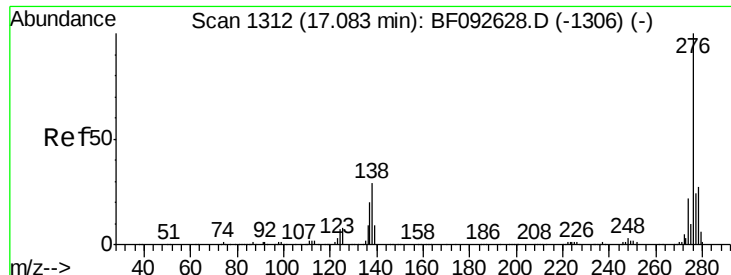


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

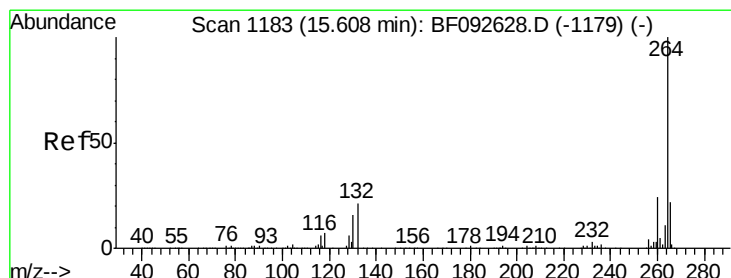
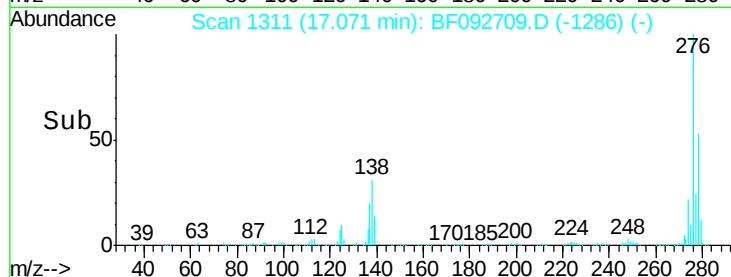
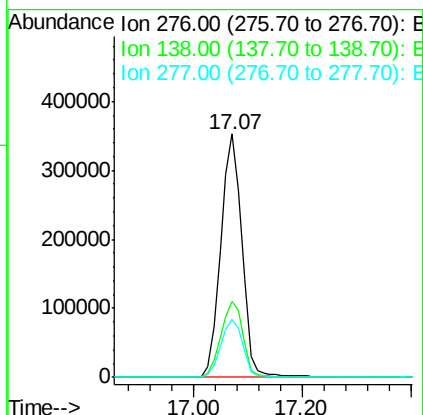
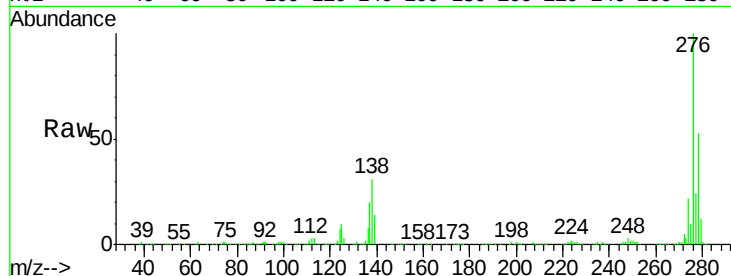




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 55.96 ng  
 RT: 17.07 min Scan# 1311  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

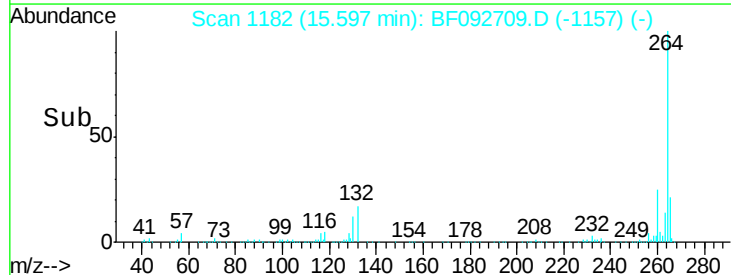
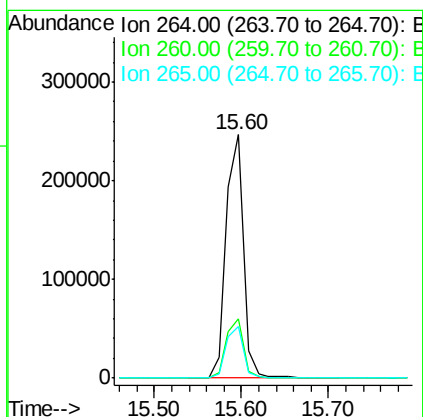
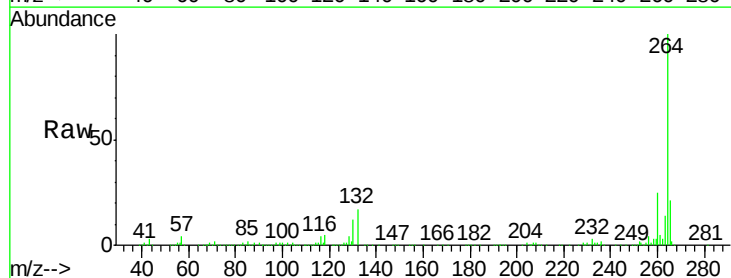
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-2MSD

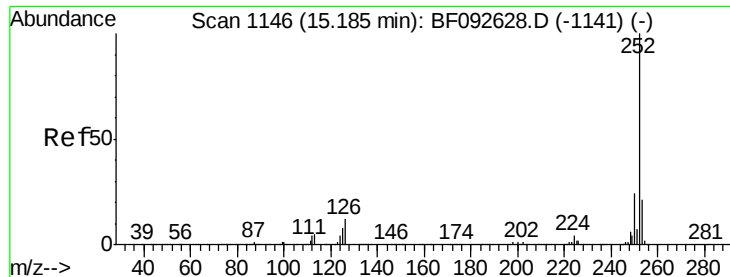
Tgt Ion: 276 Resp: 964851  
 Ion Ratio Lower Upper  
 276 100  
 138 32.4 21.8 32.6  
 277 24.8 20.2 30.4



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.60 min Scan# 1182  
 Delta R.T. -0.01 min  
 Lab File: BF092709.D  
 Acq: 1 Feb 2017 17:31

Tgt Ion: 264 Resp: 344053  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.2 28.8  
 265 21.1 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 79.94 ng

RT: 15.20 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampled :

SS-2MSD

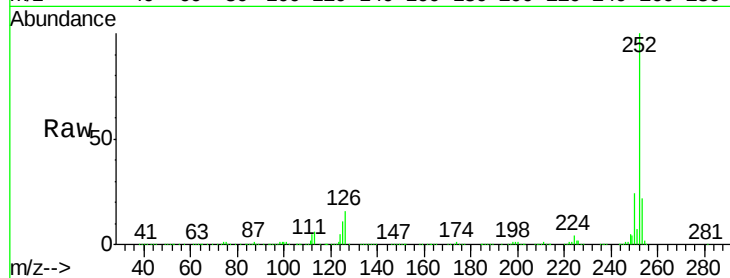
Tgt Ion:252 Resp: 1810276

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

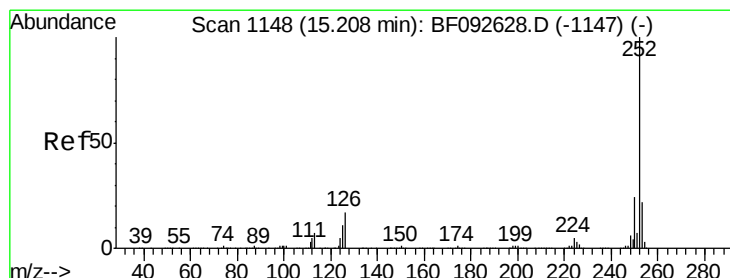
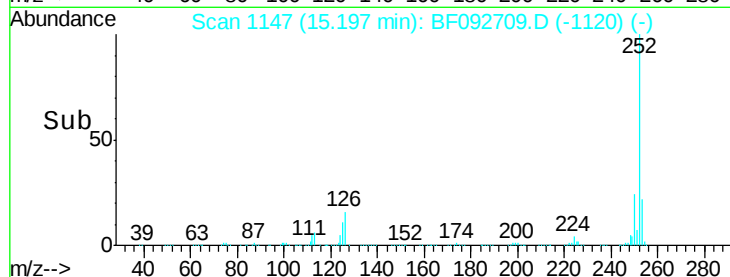
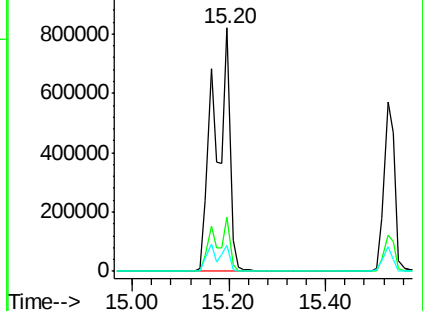
125 10.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 92.60 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

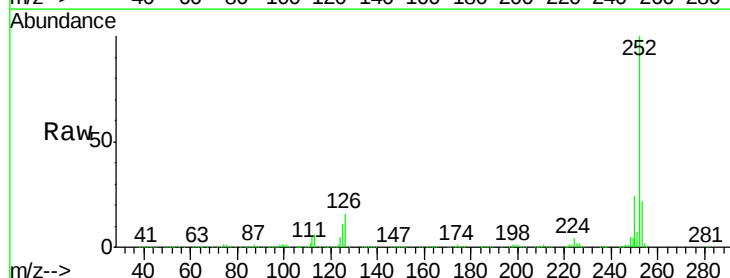
Tgt Ion:252 Resp: 1810624

Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

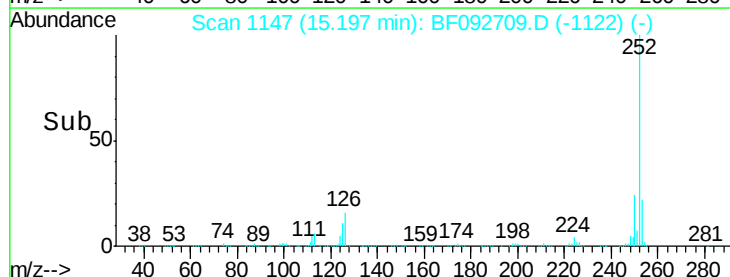
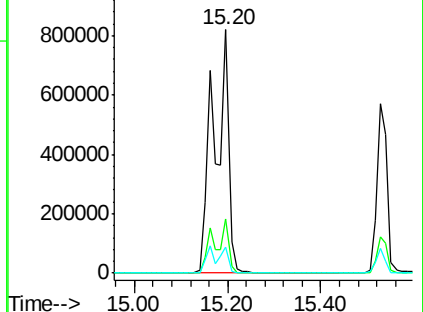
125 10.9 8.9 13.3

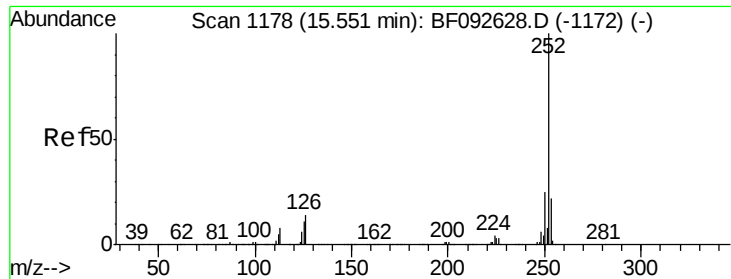


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.30 ng

RT: 15.53 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

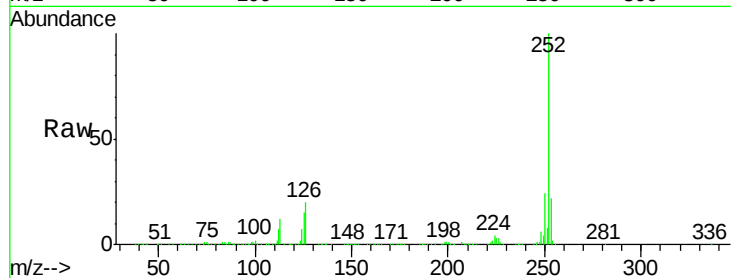
Tgt Ion:252 Resp: 887301

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

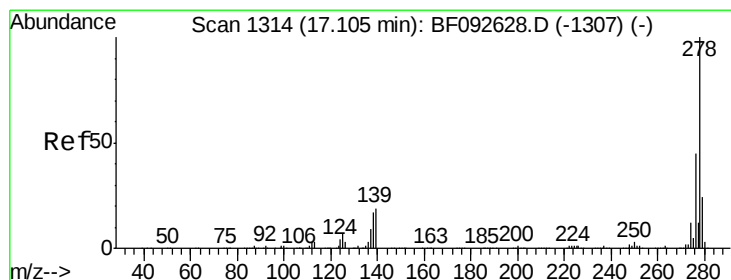
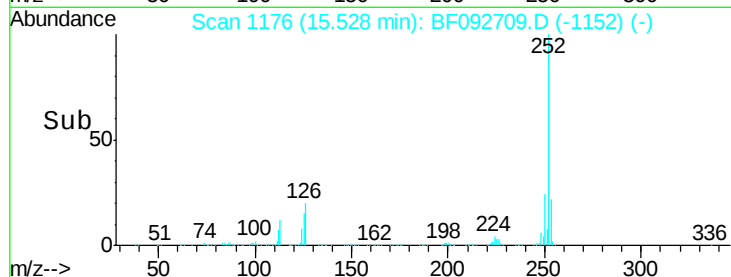
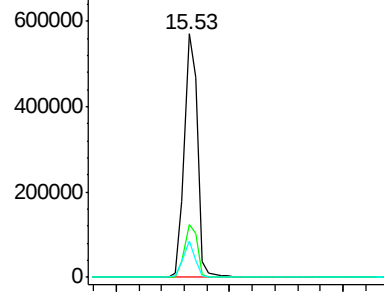
125 14.6 10.0 15.0



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: 50.29 ng

RT: 17.08 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

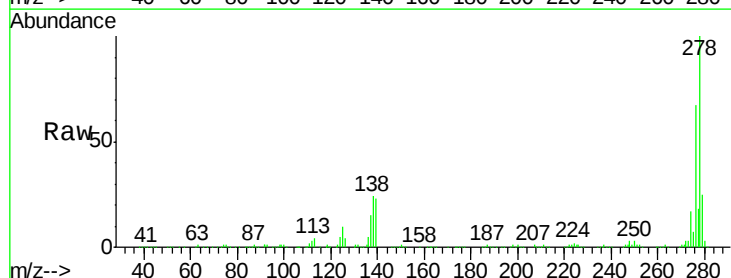
Tgt Ion:278 Resp: 796205

Ion Ratio Lower Upper

278 100

139 22.9 14.8 22.2#

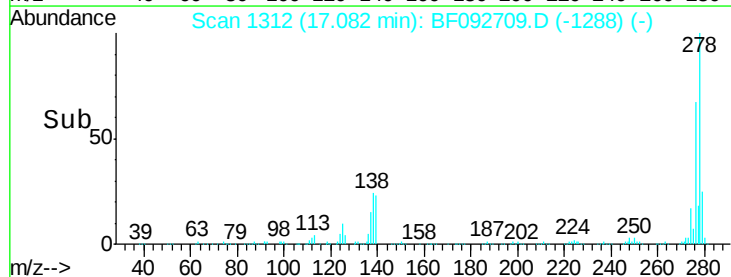
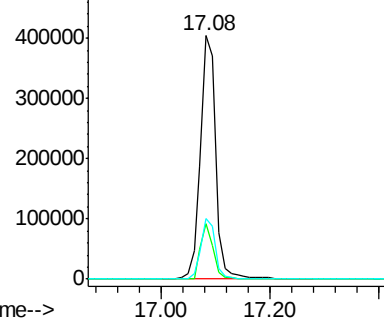
279 24.7 19.8 29.6

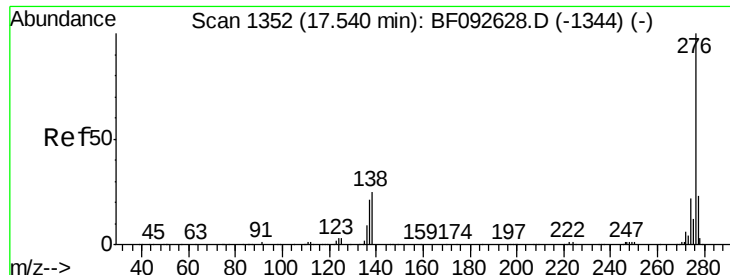


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.90 ng

RT: 17.52 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF092709.D

Acq: 1 Feb 2017 17:31

Instrument :

BNA\_F

ClientSampleId :

SS-2MSD

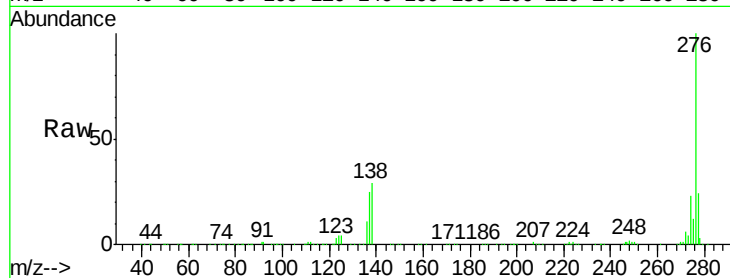
Tgt Ion:276 Resp: 798102

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 29.2 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

