

Data Path : Z:\HPCHEM1\BNA F\Data\BF012517\  
 Data File : BF092464.D  
 Acq On : 25 Jan 2017 9:29  
 Operator : UM/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 25 10:28:32 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 24 13:48:07 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.97  | 152  | 176654   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.26  | 136  | 728862   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 10.03 | 164  | 404756   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.52 | 188  | 634982   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.16 | 240  | 530796   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.63 | 264  | 473026   | 20.00 | ng    | -0.01    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.56  | 112 | 921150  | 81.13 | ng | 0.01  |
| 7) Phenol-d6                | 6.59  | 99  | 1117142 | 77.24 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.54  | 82  | 1053341 | 78.94 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol    | 10.82 | 330 | 217360  | 78.80 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 9.36  | 172 | 1773490 | 81.02 | ng | 0.00  |
| 78) Terphenyl-d14           | 13.10 | 244 | 1419468 | 71.21 | ng | -0.01 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.62 | 88  | 237914  | 39.40  | ng | 85   |
| 3) Pyridine                    | 3.38 | 79  | 660540  | 38.42  | ng | # 84 |
| 4) n-Nitrosodimethylamine      | 3.33 | 42  | 321285  | 38.10  | ng | 82   |
| 6) Aniline                     | 6.62 | 93  | 873082  | 40.47  | ng | # 47 |
| 8) 2-Chlorophenol              | 6.75 | 128 | 489459  | 41.04  | ng | 97   |
| 9) Benzaldehyde                | 6.51 | 77  | 381335  | 37.15  | ng | 91   |
| 10) Phenol                     | 6.60 | 94  | 653369  | 37.43  | ng | # 74 |
| 11) bis(2-Chloroethyl)ether    | 6.70 | 93  | 550010  | 42.11  | ng | 95   |
| 12) 1,3-Dichlorobenzene        | 6.99 | 146 | 588262  | 41.71  | ng | 97   |
| 13) 1,4-Dichlorobenzene        | 6.99 | 146 | 588262  | 41.44  | ng | 94   |
| 14) 1,2-Dichlorobenzene        | 7.14 | 146 | 508634  | 37.77  | ng | 97   |
| 15) Benzyl Alcohol             | 7.10 | 79  | 424907  | 38.98  | ng | 97   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.25 | 45  | 1004559 | 38.88  | ng | 93   |
| 17) 2-Methylphenol             | 7.22 | 107 | 403849  | 39.63  | ng | 95   |
| 18) Hexachloroethane           | 7.49 | 117 | 200090  | 40.92  | ng | 90   |
| 19) n-Nitroso-di-n-propylamine | 7.39 | 70  | 369423  | 37.51  | ng | 93   |
| 20) 3+4-Methylphenols          | 7.38 | 107 | 526977  | 42.63  | ng | 98   |
| 22) Acetophenone               | 7.39 | 105 | 674831  | 38.87  | ng | # 86 |
| 24) Nitrobenzene               | 7.56 | 77  | 584161  | 41.79  | ng | # 87 |
| 25) Isophorone                 | 7.80 | 82  | 1002725 | 38.14  | ng | 97   |
| 26) 2-Nitrophenol              | 7.87 | 139 | 248254  | 42.38  | ng | # 88 |
| 27) 2,4-Dimethylphenol         | 7.92 | 122 | 479644  | 39.37  | ng | 93   |
| 28) bis(2-Chloroethoxy)methane | 8.01 | 93  | 624053  | 36.16  | ng | 98   |
| 29) 2,4-Dichlorophenol         | 8.11 | 162 | 408803  | 38.71  | ng | 87   |
| 30) 1,2,4-Trichlorobenzene     | 8.20 | 180 | 440791  | 38.61  | ng | 94   |
| 31) Naphthalene                | 8.28 | 128 | 1387680 | 37.20  | ng | 99   |
| 32) Benzoic acid               | 8.03 | 122 | 324952  | 36.89  | ng | 99   |
| 33) 4-Chloroaniline            | 8.33 | 127 | 601924  | 38.14  | ng | # 92 |
| 34) Hexachlorobutadiene        | 8.41 | 225 | 251842  | 40.33  | ng | 98   |
| 35) Caprolactam                | 8.72 | 113 | 136120  | 38.60  | ng | # 32 |
| 36) 4-Chloro-3-methylphenol    | 8.82 | 107 | 489637  | 42.99  | ng | 89   |
| 37) 2-Methylnaphthalene        | 8.98 | 142 | 875857  | 37.09  | ng | 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.15 | 216 | 413706  | 40.52  | ng | 99   |
| 40) Hexachlorocyclopentadiene  | 9.14 | 237 | 217691  | 42.58  | ng | 96   |

Data Path : Z:\HPCHEM1\BNA F\Data\BF012517\  
 Data File : BF092464.D  
 Acq On : 25 Jan 2017 9:29  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 25 10:28:32 2017  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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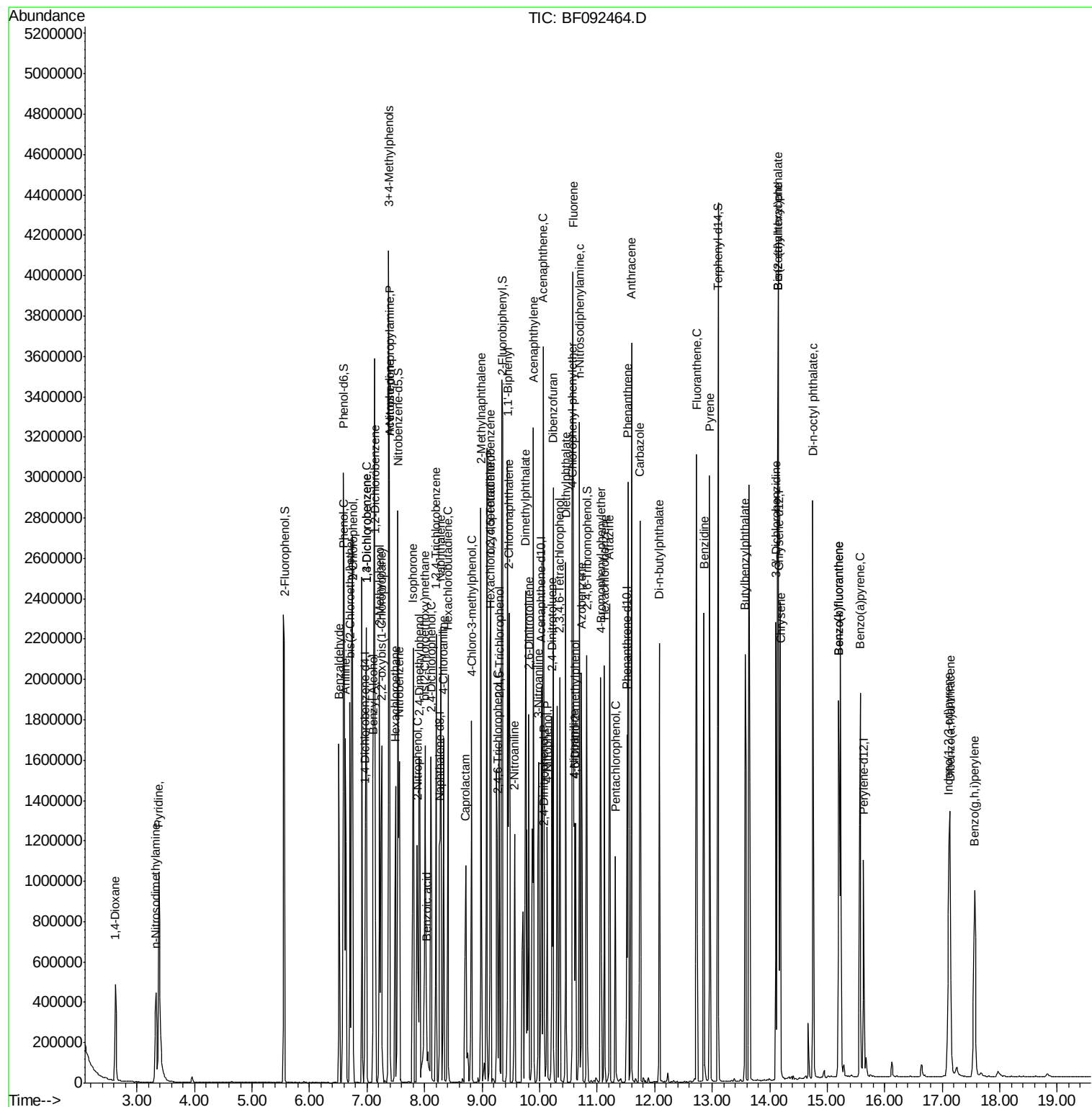
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.26  | 196  | 307419   | 39.30 | nq    | 96       |
| 43) 2,4,5-Trichlorophenol      | 9.30  | 196  | 297775   | 41.60 | nq    | # 88     |
| 45) 1,1'-Biphenyl              | 9.45  | 154  | 1036844  | 35.44 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 9.47  | 162  | 886112   | 37.08 | nq    | 95       |
| 47) 2-Nitroaniline             | 9.56  | 65   | 318527   | 39.58 | nq    | 91       |
| 48) Acenaphthylene             | 9.89  | 152  | 1407204  | 40.15 | nq    | 99       |
| 49) Dimethylphthalate          | 9.76  | 163  | 1080165  | 41.97 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.81  | 165  | 236719   | 44.99 | nq    | 93       |
| 51) Acenaphthene               | 10.06 | 154  | 830238   | 38.12 | nq    | 96       |
| 52) 3-Nitroaniline             | 9.98  | 138  | 315215   | 47.84 | nq    | 86       |
| 53) 2,4-Dinitrophenol          | 10.08 | 184  | 102446   | 42.31 | nq    | # 1      |
| 54) Dibenzofuran               | 10.24 | 168  | 1127170  | 38.11 | nq    | 96       |
| 55) 4-Nitrophenol              | 10.13 | 139  | 242092   | 46.27 | nq    | # 80     |
| 56) 2,4-Dinitrotoluene         | 10.21 | 165  | 285248   | 40.85 | nq    | 98       |
| 57) Fluorene                   | 10.58 | 166  | 834874   | 38.07 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.35 | 232  | 225104   | 41.98 | nq    | 99       |
| 59) Diethylphthalate           | 10.45 | 149  | 947707   | 38.40 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.57 | 204  | 397378   | 37.36 | nq    | 97       |
| 61) 4-Nitroaniline             | 10.60 | 138  | 302504   | 45.90 | nq    | 89       |
| 62) Azobenzene                 | 10.73 | 77   | 1065308  | 37.93 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.62 | 198  | 178468   | 51.73 | nq    | 81       |
| 65) n-Nitrosodiphenylamine     | 10.69 | 169  | 858690   | 43.30 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 11.06 | 248  | 248581   | 38.77 | nq    | # 88     |
| 67) Hexachlorobenzene          | 11.13 | 284  | 259487   | 40.04 | nq    | # 90     |
| 68) Atrazine                   | 11.22 | 200  | 248858   | 36.66 | nq    | 99       |
| 69) Pentachlorophenol          | 11.32 | 266  | 182787   | 44.12 | nq    | 99       |
| 70) Phenanthrene               | 11.54 | 178  | 1299008  | 37.15 | nq    | 99       |
| 71) Anthracene                 | 11.60 | 178  | 1455536  | 42.59 | nq    | 98       |
| 72) Carbazole                  | 11.74 | 167  | 1163142  | 35.65 | nq    | 99       |
| 73) Di-n-butylphthalate        | 12.08 | 149  | 1522679  | 40.81 | nq    | 98       |
| 74) Fluoranthene               | 12.73 | 202  | 1307628  | 38.23 | nq    | 98       |
| 76) Benzidine                  | 12.85 | 184  | 863766   | 43.84 | nq    | 98       |
| 77) Pyrene                     | 12.96 | 202  | 1392870  | 36.22 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.57 | 149  | 662013   | 42.49 | nq    | 94       |
| 80) Benzo(a)anthracene         | 14.15 | 228  | 1104544  | 38.72 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.11 | 252  | 448138   | 41.37 | nq    | # 97     |
| 82) Chrysene                   | 14.19 | 228  | 1166341  | 38.28 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.15 | 149  | 801655   | 40.85 | nq    | # 95     |
| 84) Di-n-octyl phthalate       | 14.75 | 149  | 1557208  | 43.71 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.12 | 276  | 930065   | 41.26 | nq    | # 94     |
| 87) Benzo(b)fluoranthene       | 15.20 | 252  | 1282429  | 42.23 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 15.20 | 252  | 1282429  | 50.79 | nq    | # 96     |
| 89) Benzo(a)pyrene             | 15.57 | 252  | 1026859  | 39.97 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 17.14 | 278  | 818441   | 39.40 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.56 | 276  | 799840   | 38.07 | nq    | # 91     |

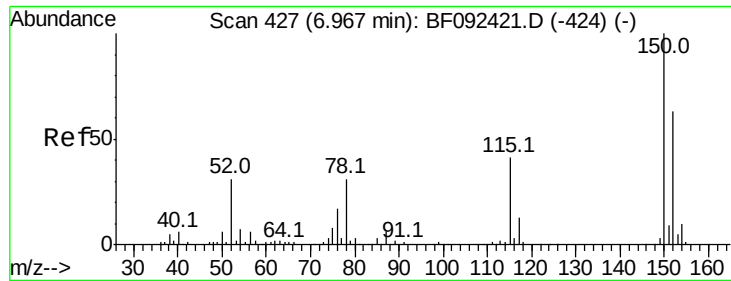
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
 BNA\_F  
 ClientSampled :

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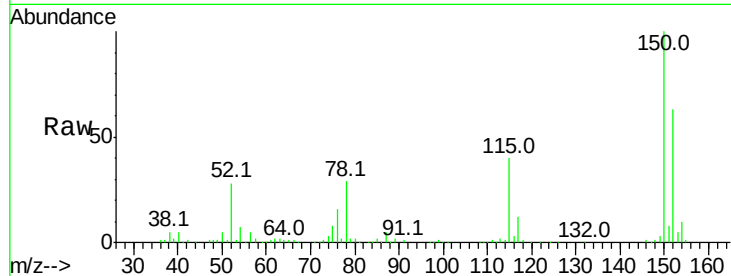


#1

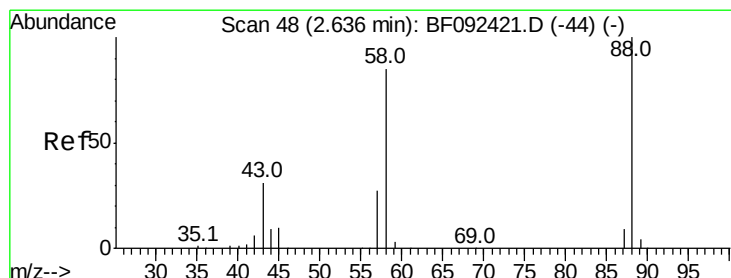
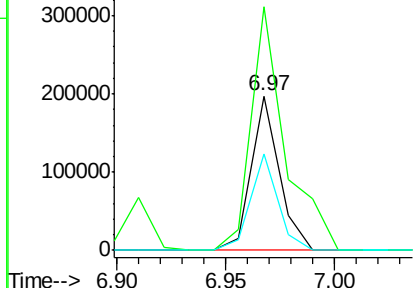
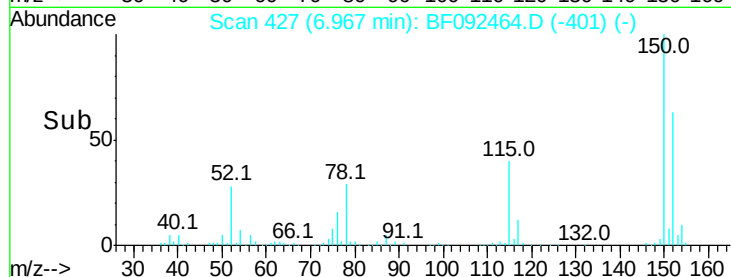
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.97 min Scan# 427  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 176654  
Ion Ratio Lower Upper  
152 100  
150 157.7 124.9 187.3  
115 62.8 46.0 69.0



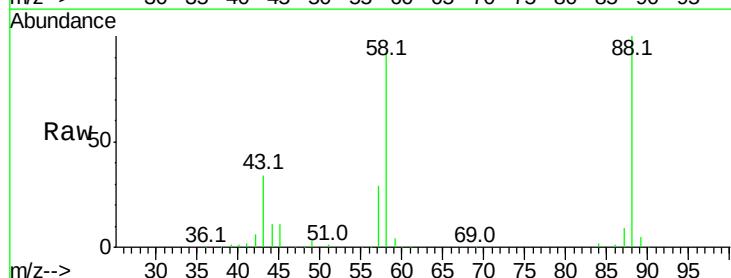
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



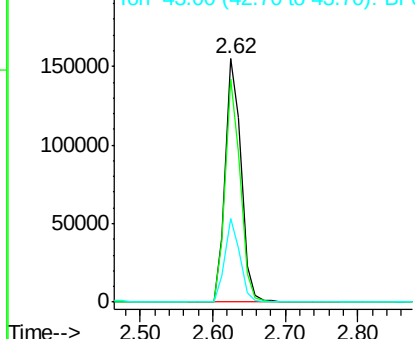
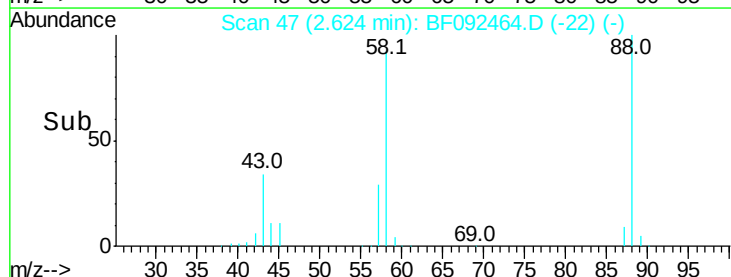
#2

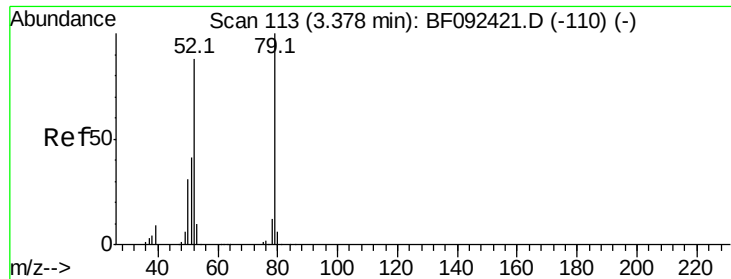
1,4-Dioxane  
Concen: 39.40 ng  
RT: 2.62 min Scan# 47  
Delta R.T. -0.01 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Tgt Ion: 88 Resp: 237914  
Ion Ratio Lower Upper  
88 100  
58 86.7 57.8 86.8  
43 32.4 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

Pvridine

Concen: 38.42 ng

RT: 3.38 min Scan# 113

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA\_F

ClientSampled :

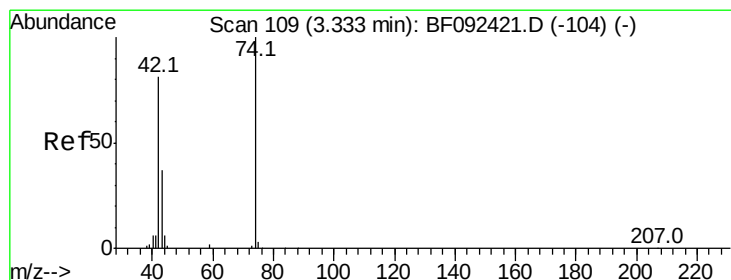
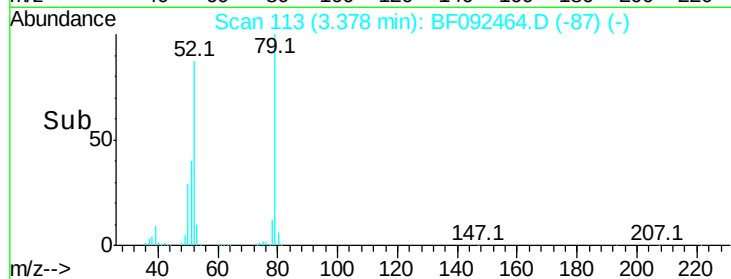
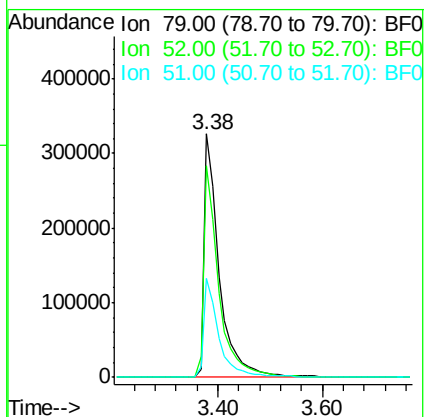
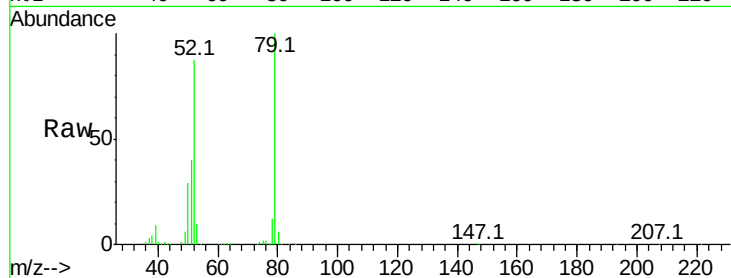
Tot Ion: 79 Resp: 660540

Ion Ratio Lower Upper

79 100

52 86.7 57.1 85.7#

51 40.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 38.10 ng

RT: 3.33 min Scan# 109

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

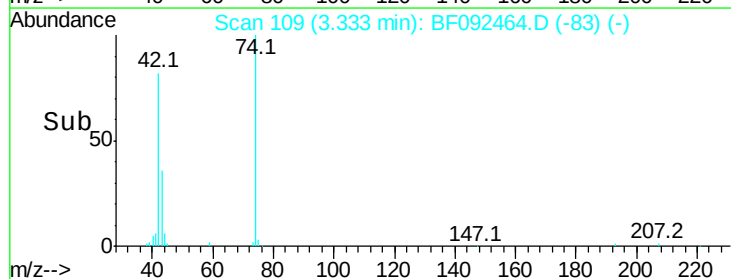
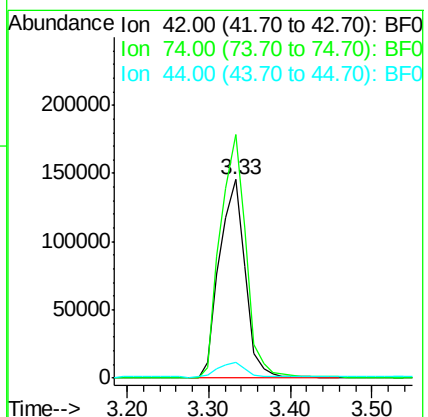
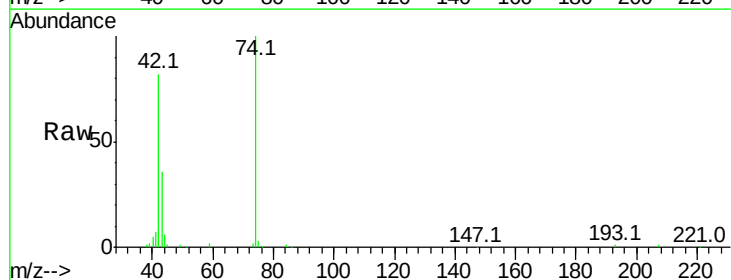
Tgt Ion: 42 Resp: 321285

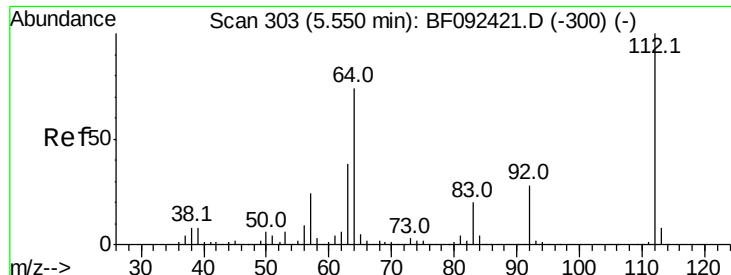
Ion Ratio Lower Upper

42 100

74 122.6 117.0 175.4

44 7.9 5.5 8.3





#5

2-Fluorophenol

Concen: 81.13 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA\_F

ClientSampleId :

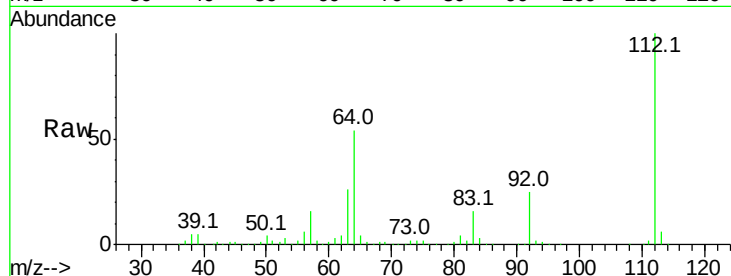
Tot Ion:112 Resp: 921150

Ion Ratio Lower Upper

112 100

64 53.7 46.1 69.1

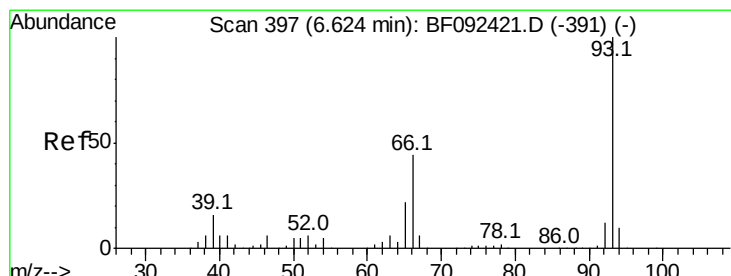
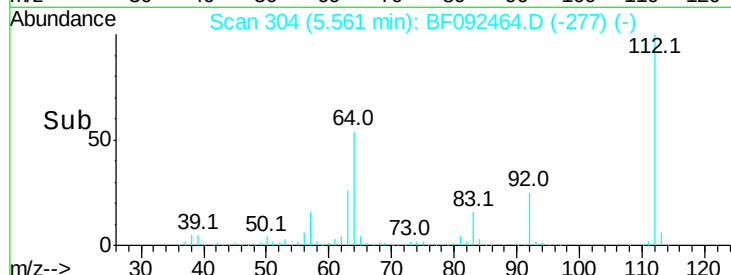
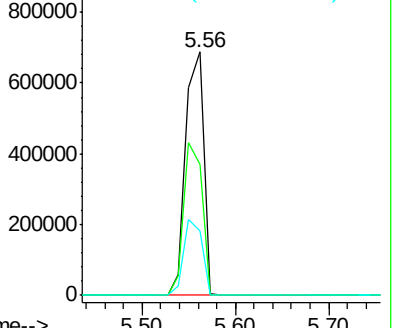
63 26.5 23.8 35.6



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: 40.47 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

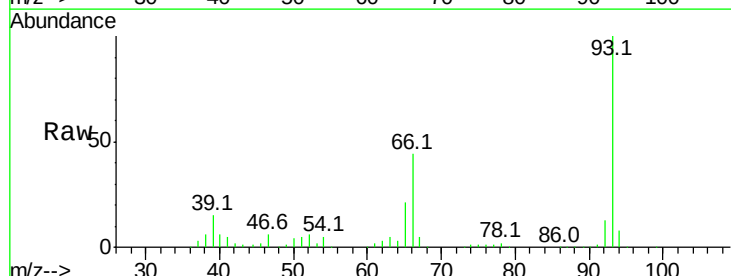
Tgt Ion: 93 Resp: 873082

Ion Ratio Lower Upper

93 100

66 43.7 76.2 114.2#

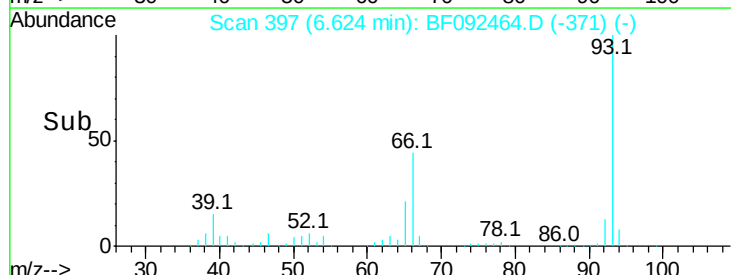
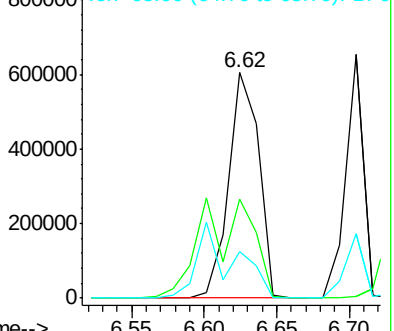
65 20.8 49.3 73.9#

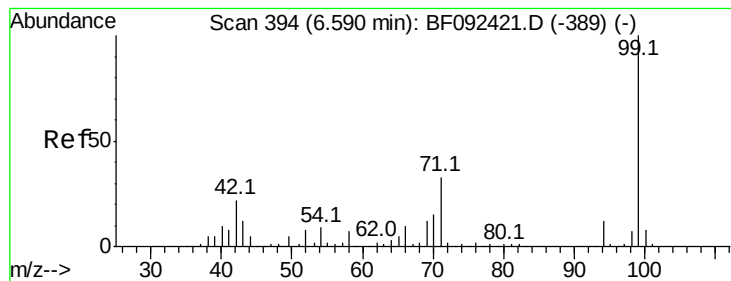


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.24 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

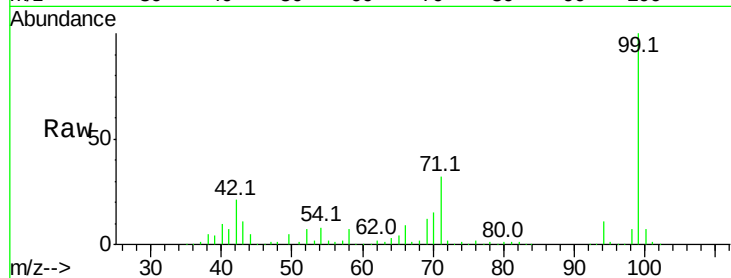
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 99 Resp: 1117142

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.0  | 15.6  | 23.4  |
| 71  | 31.5  | 27.5  | 41.3  |

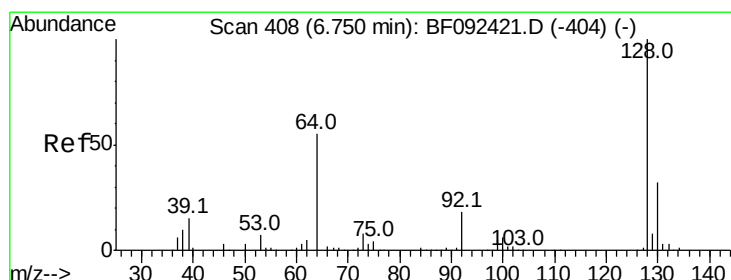
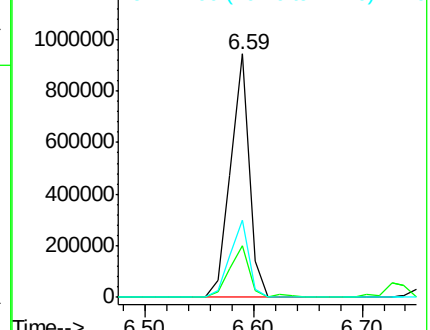
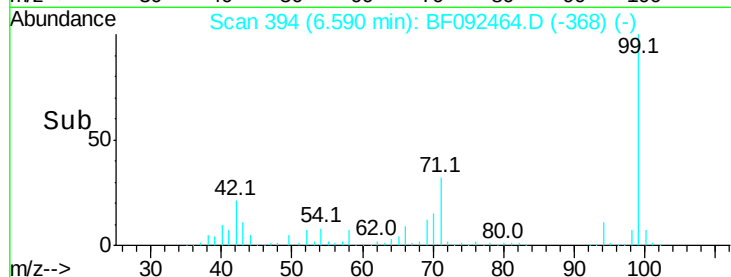


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.04 ng

RT: 6.75 min Scan# 408

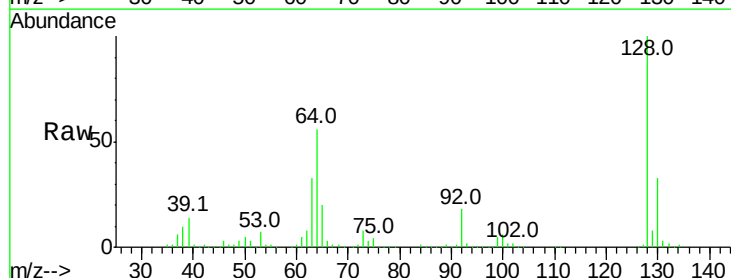
Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Tgt Ion: 128 Resp: 489459

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.5  | 12.3  | 52.3  |
| 64  | 55.6  | 32.2  | 72.2  |

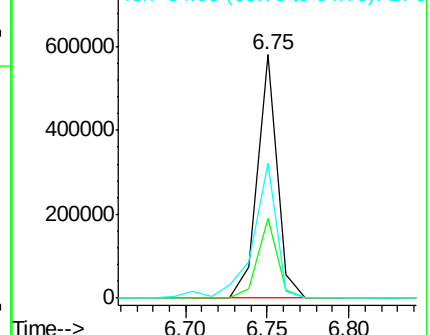
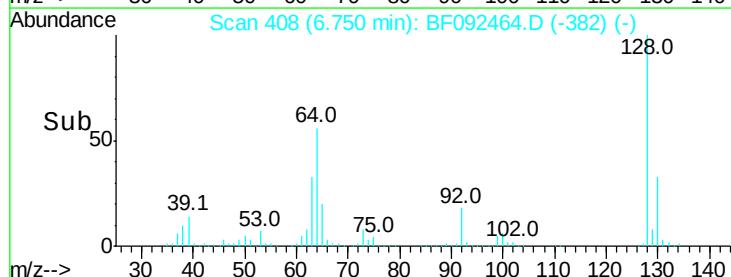


Abundance

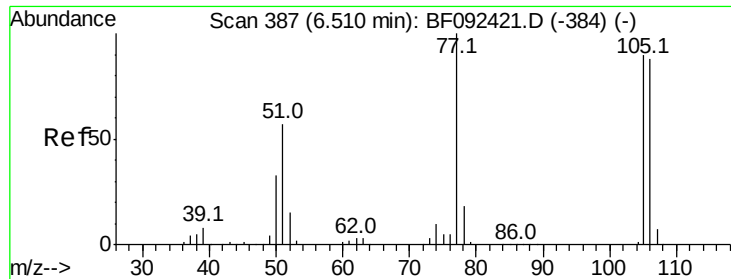
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 37.15 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA\_F

ClientSampleId :

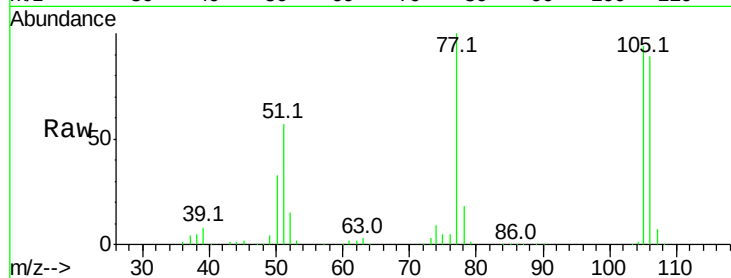
Tot Ion: 77 Resp: 381335

Ion Ratio Lower Upper

77 100

105 93.7 83.9 123.9

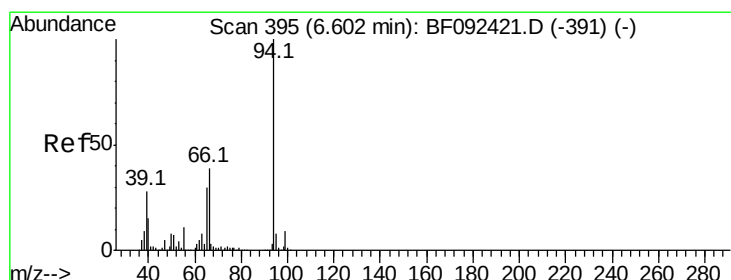
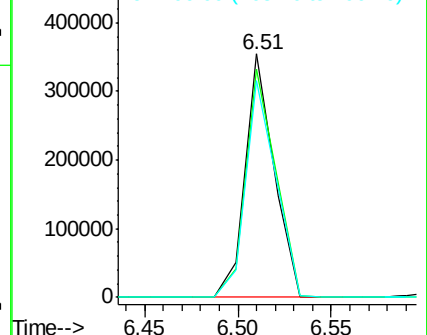
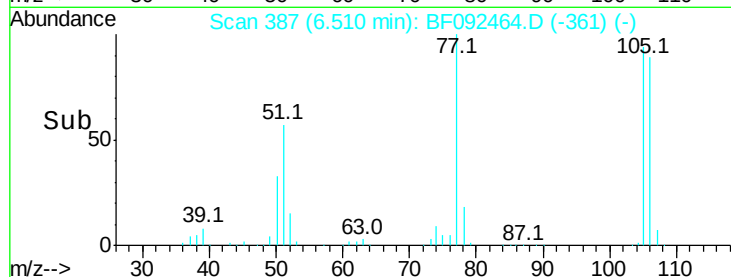
106 89.1 77.6 117.6



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: 37.43 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

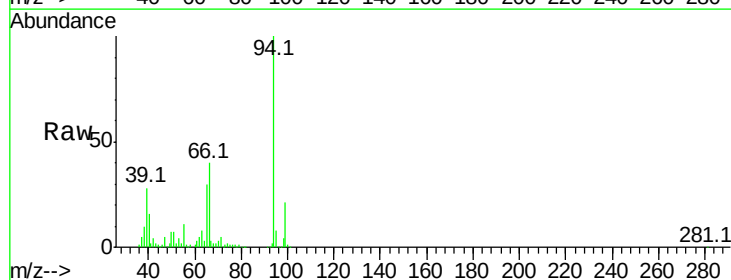
Tgt Ion: 94 Resp: 653369

Ion Ratio Lower Upper

94 100

65 30.2 21.4 61.4

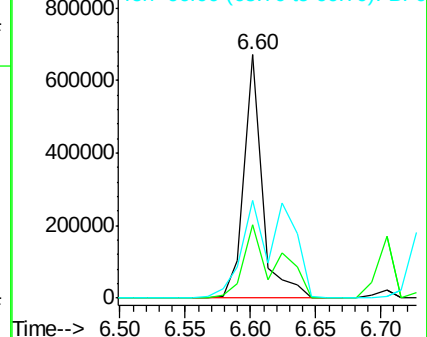
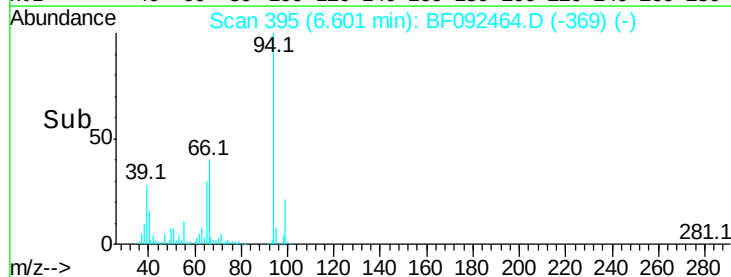
66 39.9 44.0 84.0#



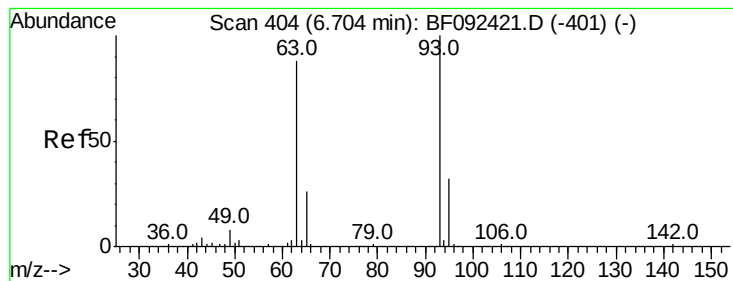
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



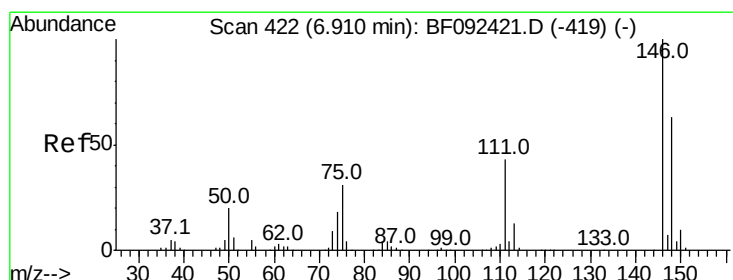
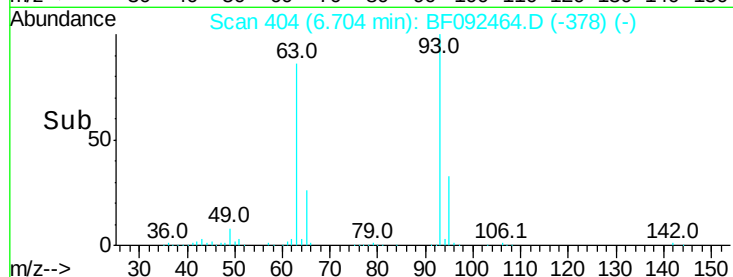
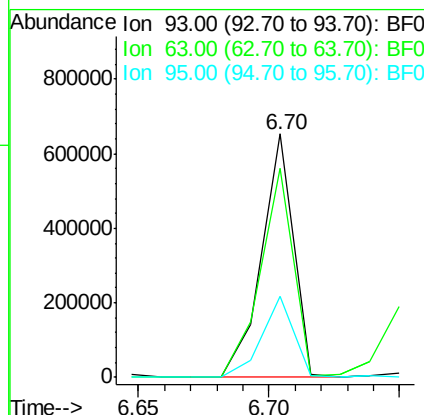
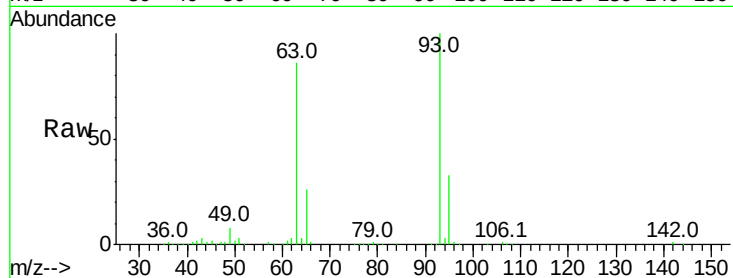




#11  
bis(2-Chloroethyl)ether  
Concen: 42.11 ng  
RT: 6.70 min Scan# 404  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

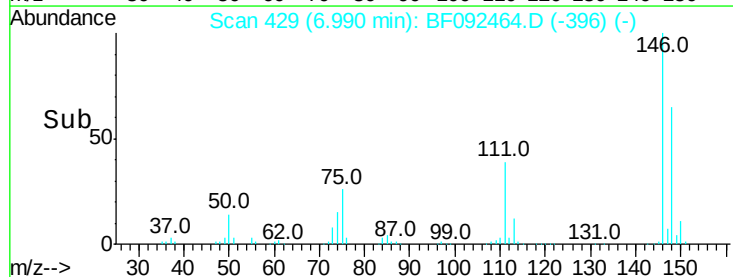
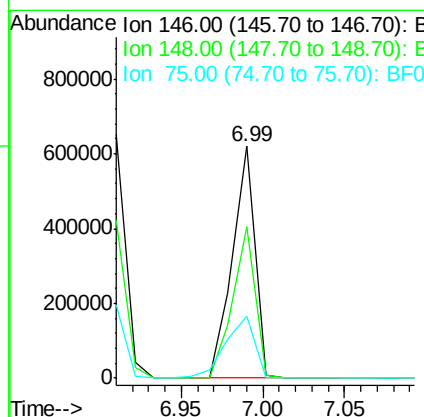
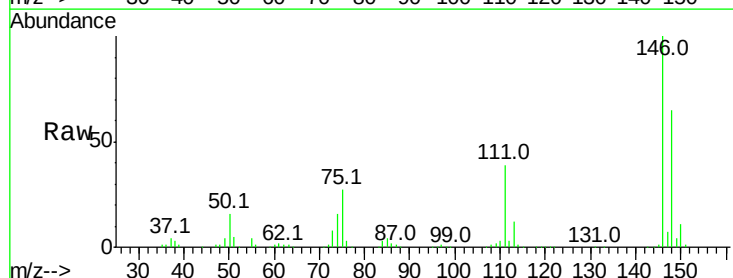
Instrument :  
BNA\_F  
ClientSampleId :

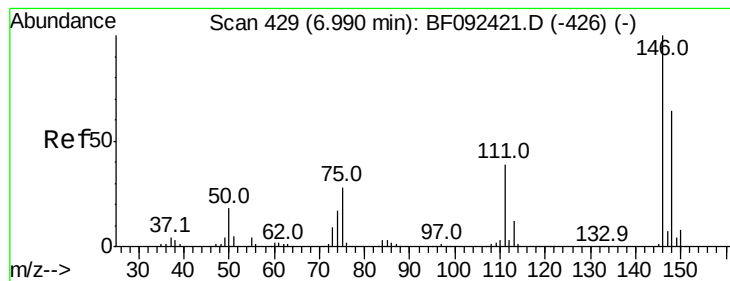
Tot Ion: 93 Resp: 550010  
Ion Ratio Lower Upper  
93 100  
63 86.1 60.4 100.4  
95 33.2 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 41.71 ng  
RT: 6.99 min Scan# 429  
Delta R.T. 0.08 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Tgt Ion: 146 Resp: 588262  
Ion Ratio Lower Upper  
146 100  
148 65.5 53.4 80.0  
75 26.8 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 41.44 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA\_F

ClientSampleId :

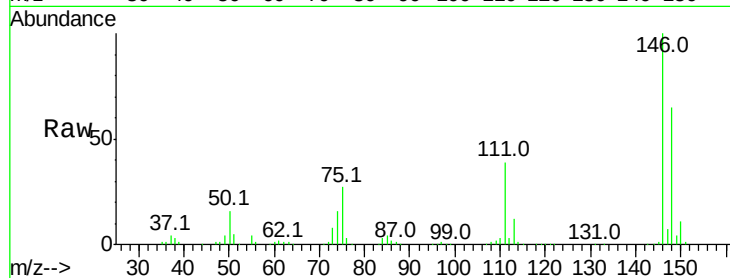
Tot Ion:146 Resp: 588262

Ion Ratio Lower Upper

146 100

148 65.5 50.6 76.0

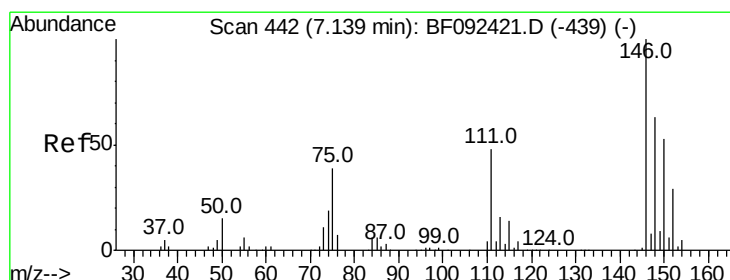
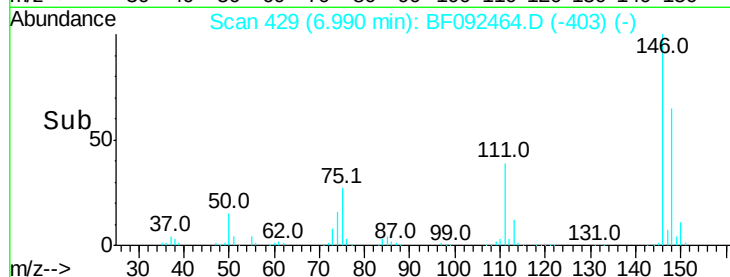
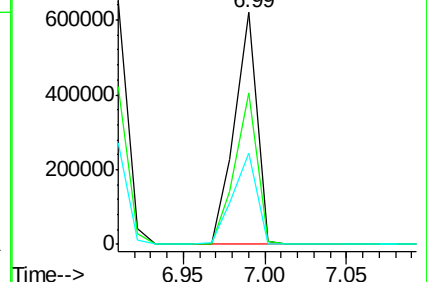
111 39.2 36.2 54.4



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: 37.77 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

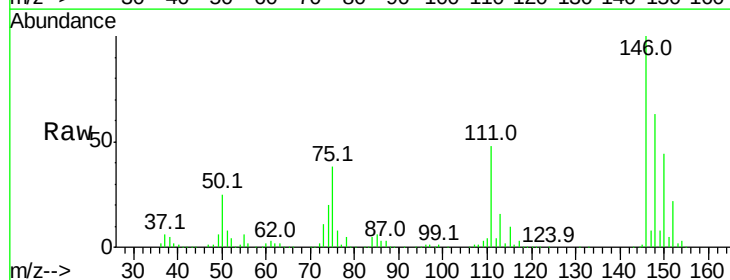
Tgt Ion:146 Resp: 508634

Ion Ratio Lower Upper

146 100

148 63.1 52.2 78.2

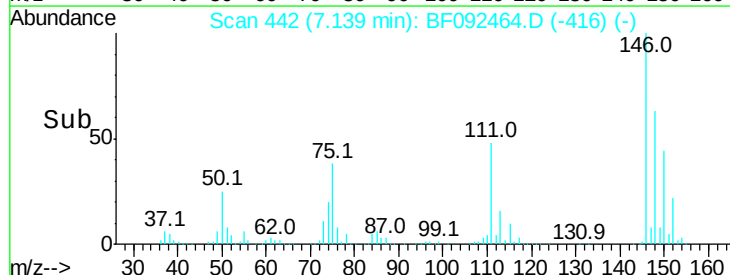
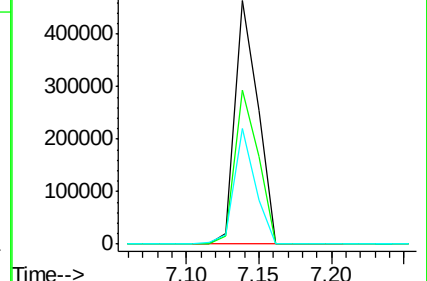
111 47.7 36.2 54.2

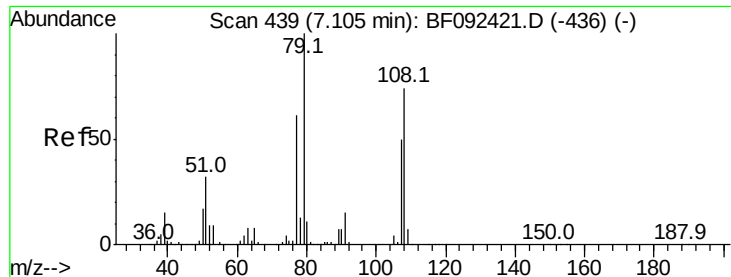


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

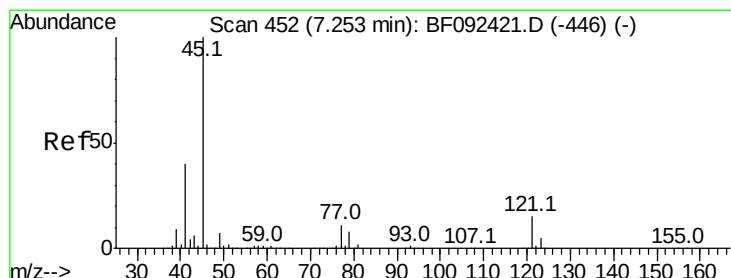
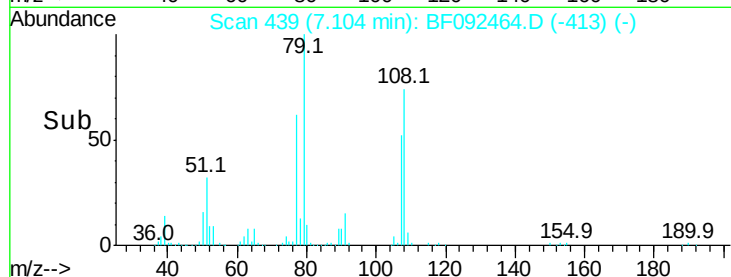
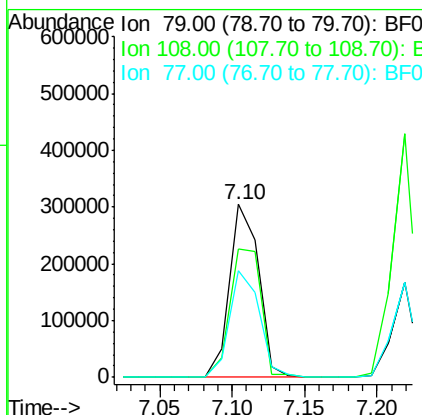
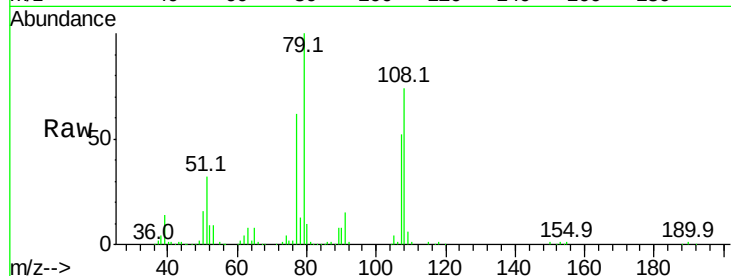




#15  
Benzyl Alcohol  
Concen: 38.98 ng  
RT: 7.10 min Scan# 439  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

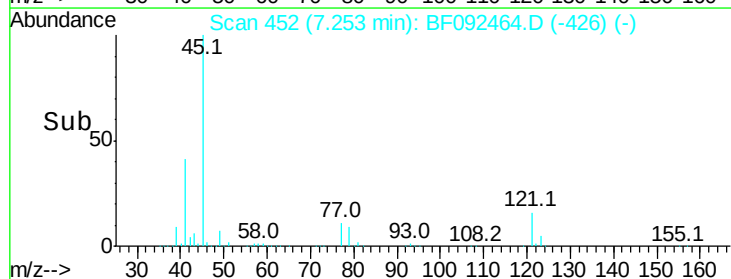
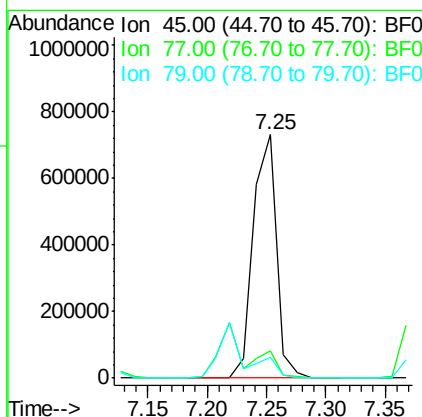
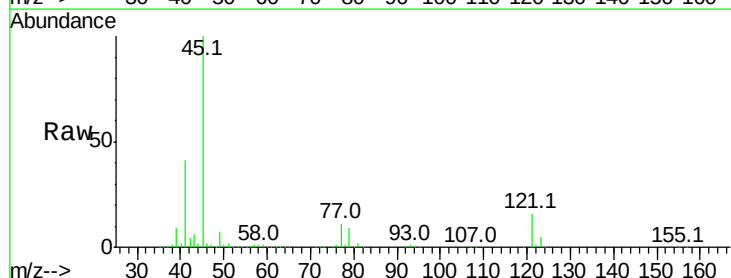
Instrument :  
BNA\_F  
ClientSampled :

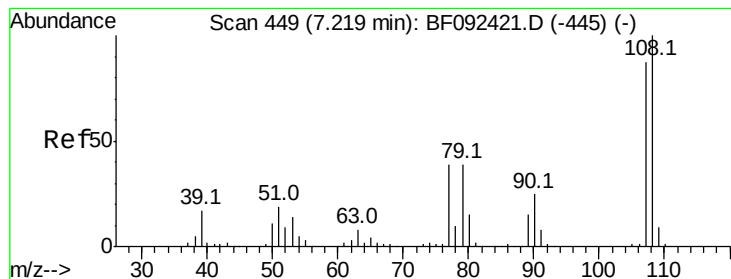
Tot Ion: 79 Resp: 424907  
Ion Ratio Lower Upper  
79 100  
108 74.2 61.4 92.0  
77 62.0 50.9 76.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.88 ng  
RT: 7.25 min Scan# 452  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Tgt Ion: 45 Resp: 1004559  
Ion Ratio Lower Upper  
45 100  
77 11.2 0.0 34.6  
79 8.8 0.0 31.2





#17

2-Methylphenol

Concen: 39.63 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:107 Resp: 403849

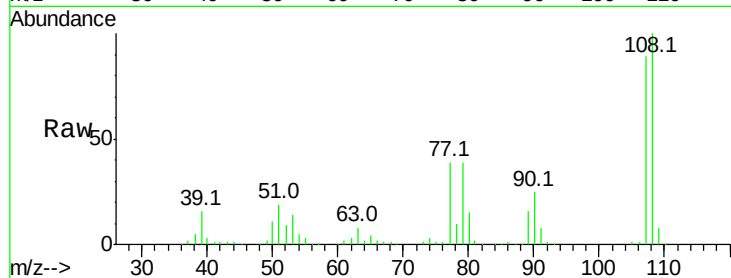
Ion Ratio Lower Upper

107 100

108 112.8 93.0 139.6

77 44.1 39.8 59.8

79 44.0 38.0 57.0

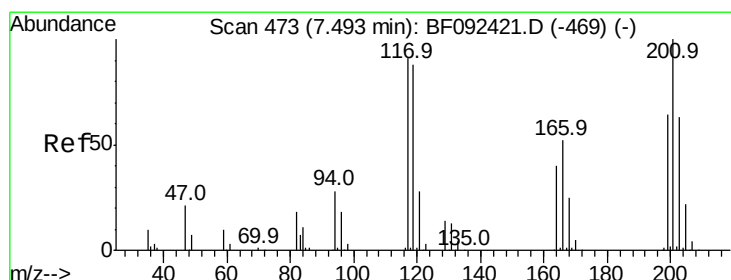
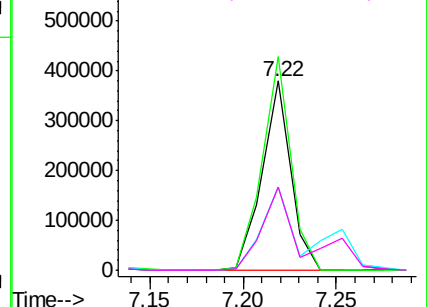
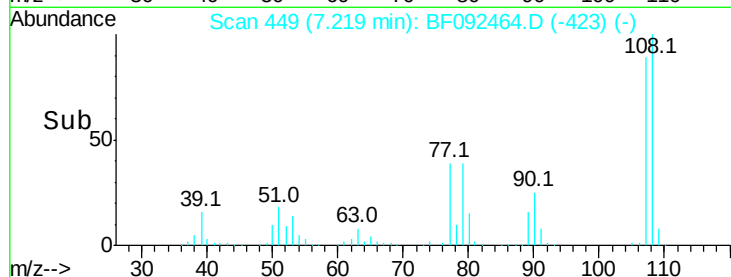


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.92 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

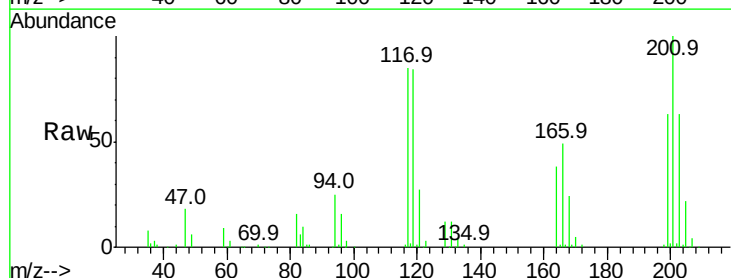
Tgt Ion:117 Resp: 200090

Ion Ratio Lower Upper

117 100

119 98.4 78.1 117.1

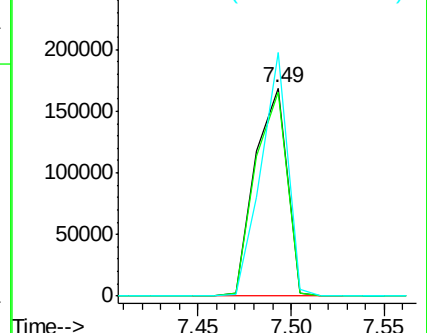
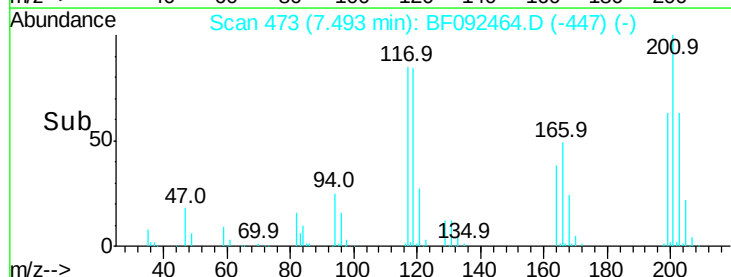
201 117.2 78.6 117.8

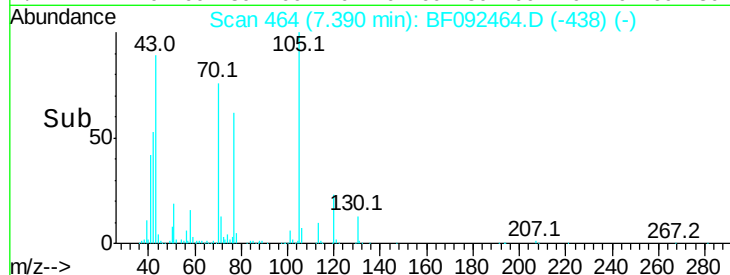
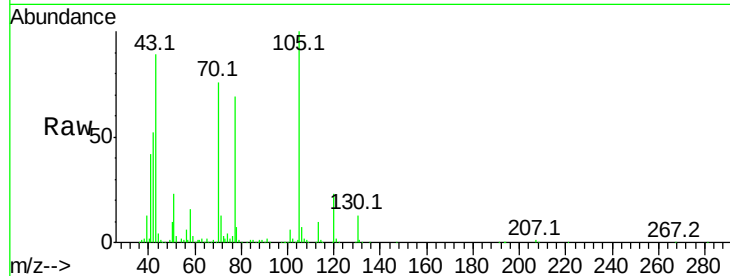
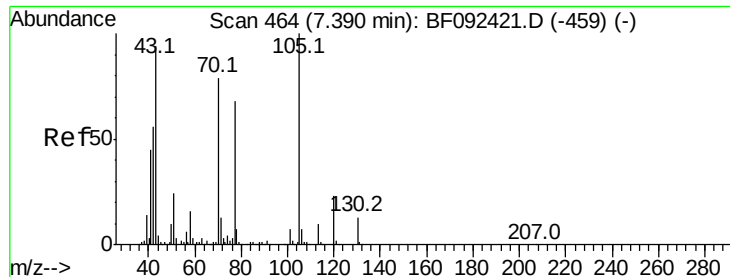


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

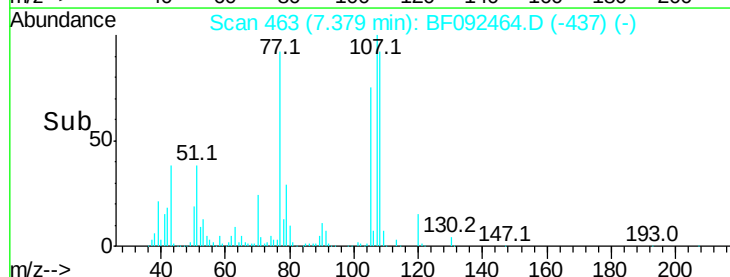
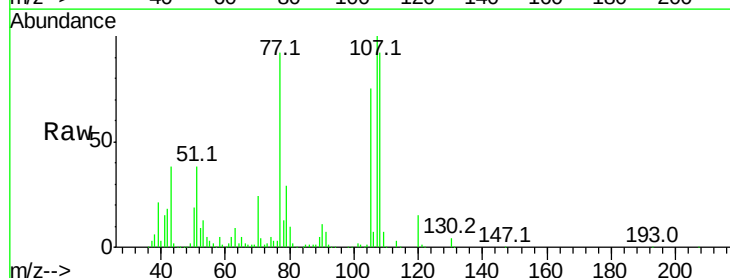
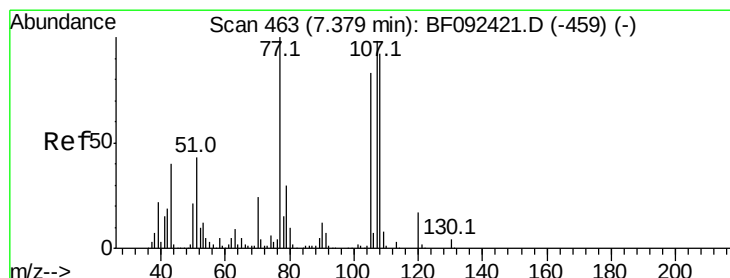
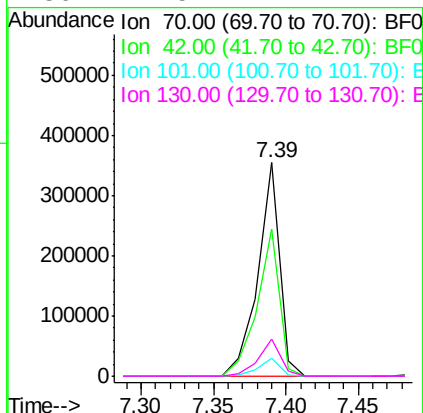




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.51 ng  
RT: 7.39 min Scan# 464  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

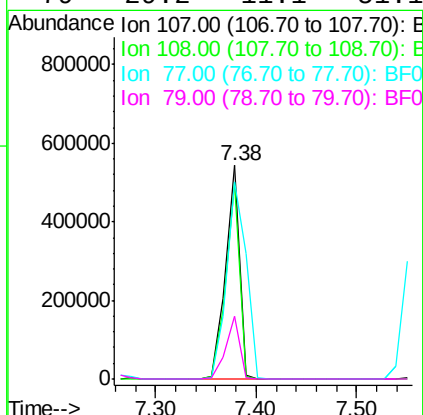
Instrument :  
BNA\_F  
ClientSampleId :

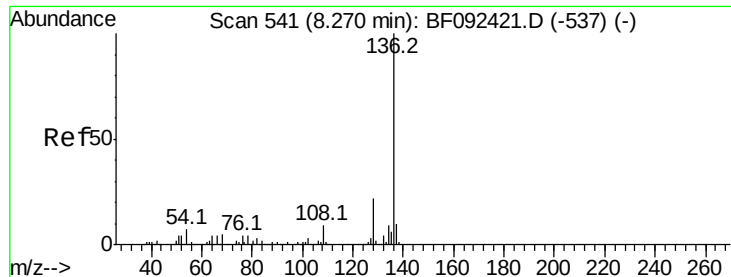
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 369423 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 68.9  | 49.4  | 74.0   |
| 101      | 8.5   | 7.4   | 11.2   |
| 130      | 17.5  | 14.2  | 21.4   |



#20  
3+4-Methylphenols  
Concen: 42.63 ng  
RT: 7.38 min Scan# 463  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 526977 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.5  | 73.0  | 113.0  |
| 77       | 92.1  | 71.3  | 111.3  |
| 79       | 29.2  | 11.1  | 51.1   |

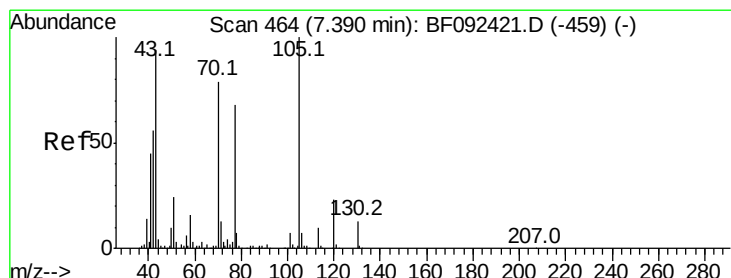
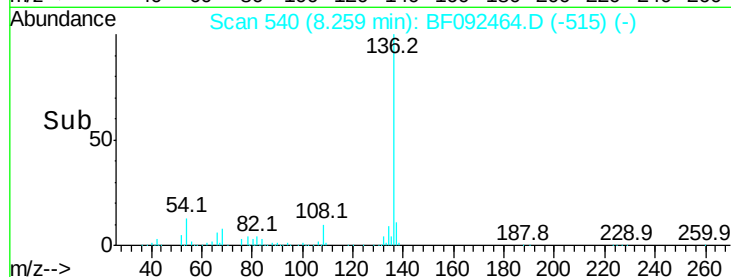
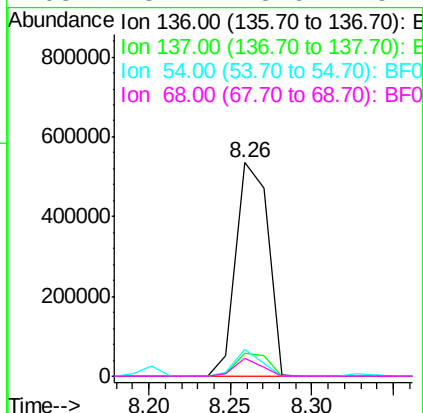
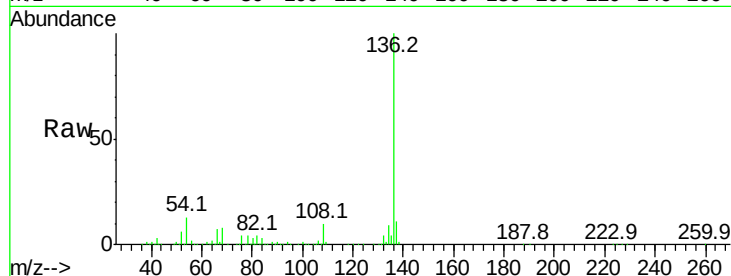




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.26 min Scan# 540  
Delta R.T. -0.01 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

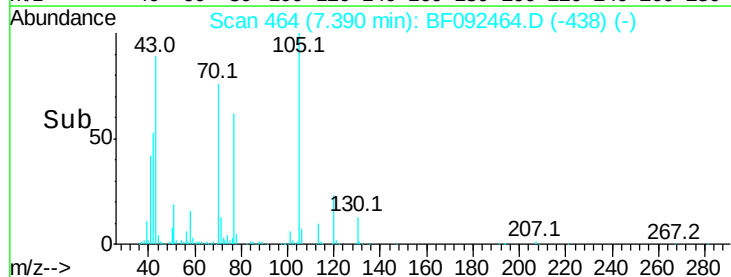
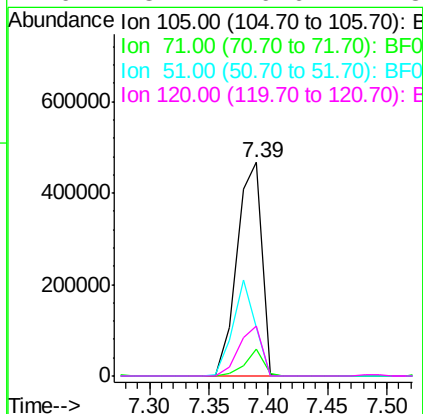
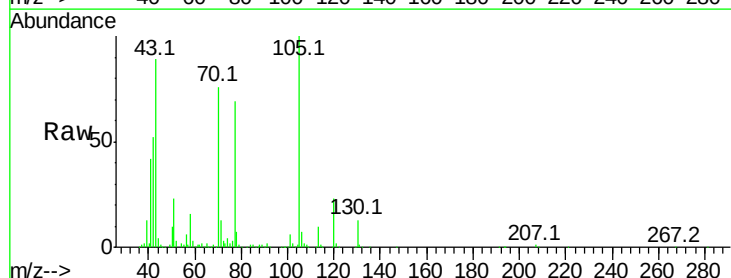
Instrument :  
BNA\_F  
ClientSampleId :

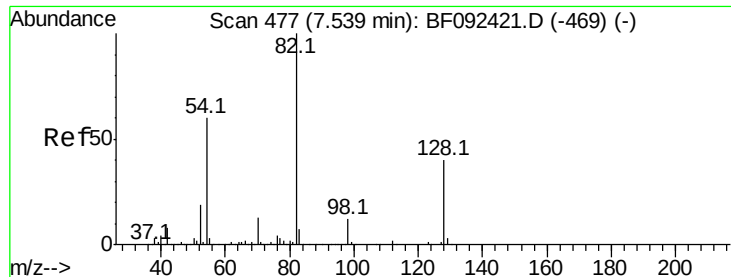
|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 728862 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.1    | 8.4 12.6     |
| 54 12.6     | 4.5 6.7#     |
| 68 8.4      | 3.6 5.4#     |



#22  
Acetophenone  
Concen: 38.87 ng  
RT: 7.39 min Scan# 464  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 674831 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 12.7    | 3.2   | 4.8#   |
| 51  | 23.0    | 26.2  | 39.4#  |
| 120 | 23.2    | 16.6  | 24.8   |



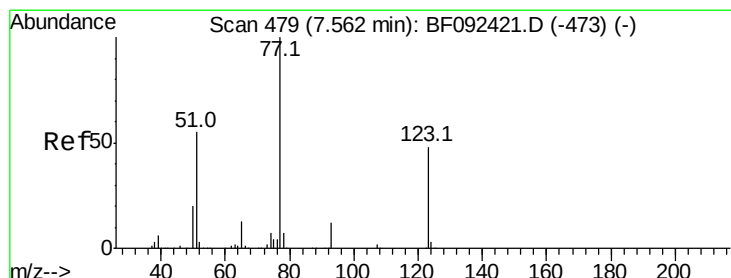
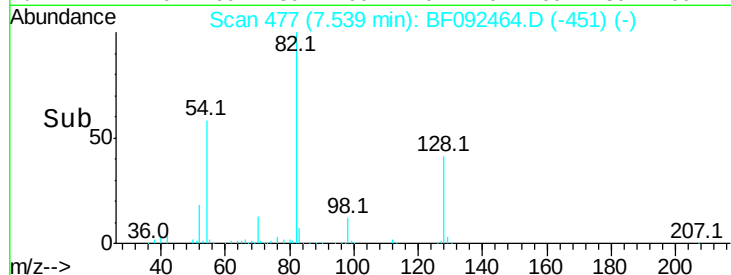
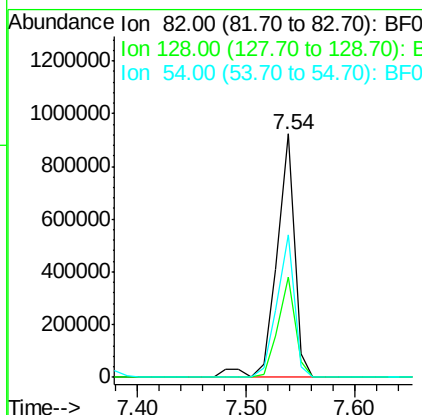
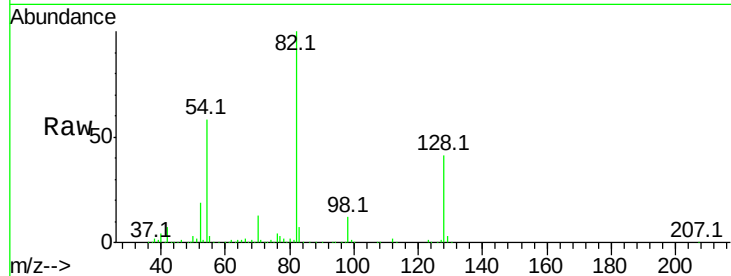


#23  
 Nitrobenzene-d5  
 Concen: 78.94 ng  
 RT: 7.54 min Scan# 477  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion: 82 Resp: 1053341  

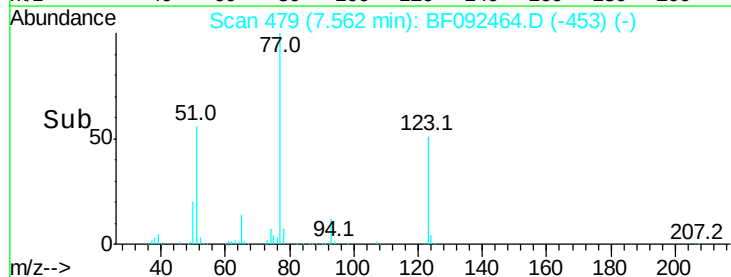
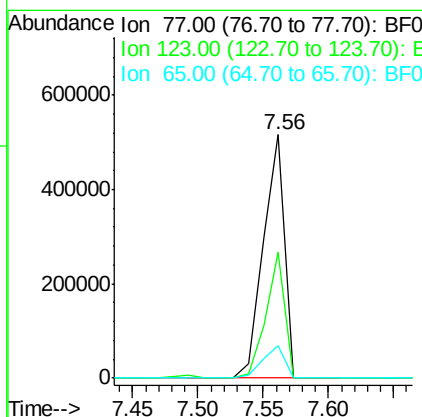
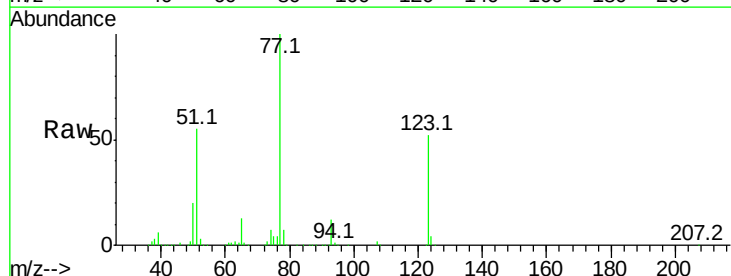
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.1  | 34.6  | 52.0  |
| 54  | 58.4  | 39.5  | 59.3  |



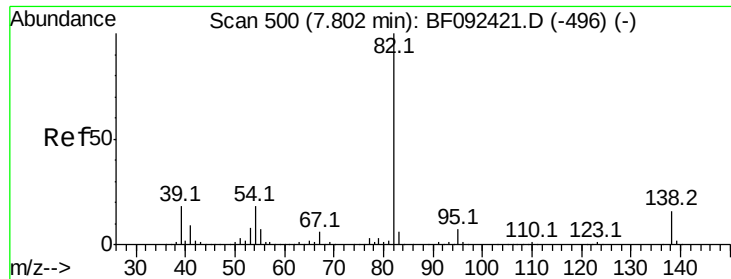
#24  
 Nitrobenzene  
 Concen: 41.79 ng  
 RT: 7.56 min Scan# 479  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

Tgt Ion: 77 Resp: 584161  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 51.7  | 33.0  | 49.4# |
| 65  | 13.5  | 11.2  | 16.8  |







#25

Isophorone

Concen: 38.14 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA\_F

ClientSampleId :

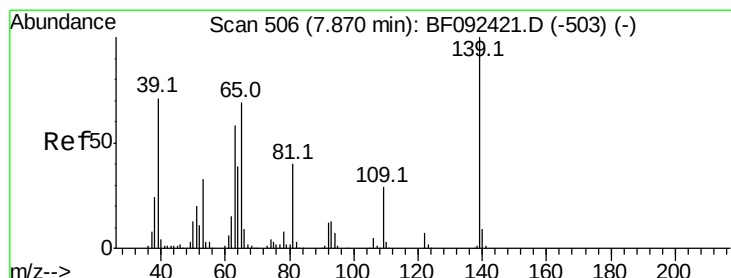
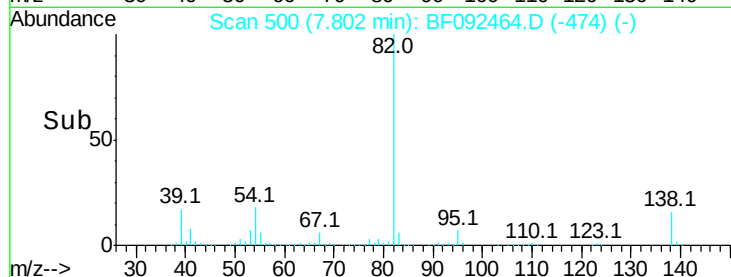
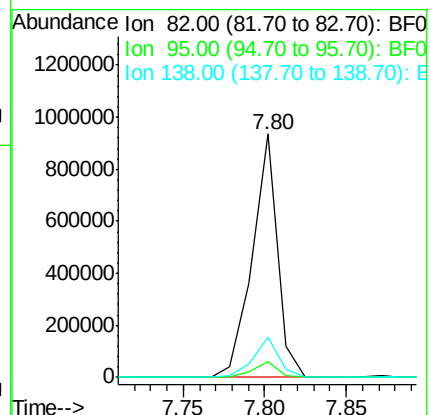
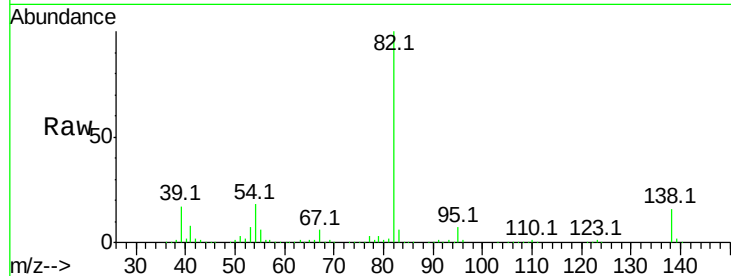
Tot Ion: 82 Resp: 1002725

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 16.4 14.6 22.0



#26

2-Nitrophenol

Concen: 42.38 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

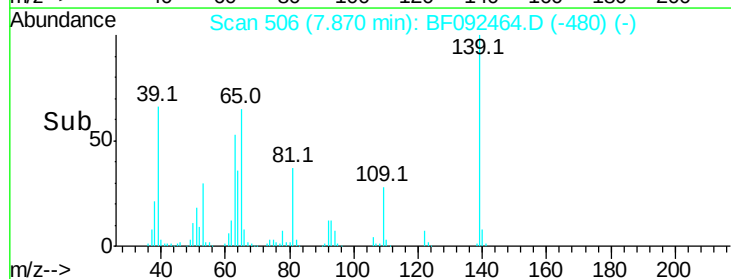
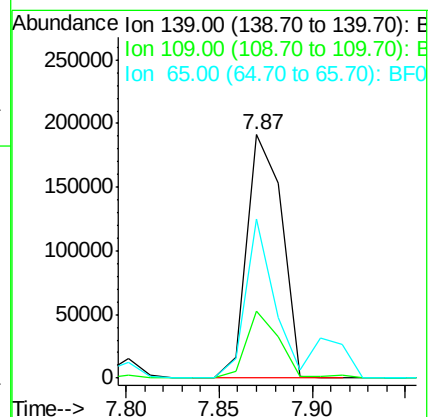
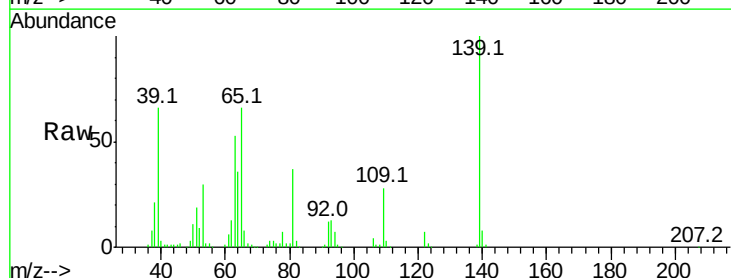
Tgt Ion: 139 Resp: 248254

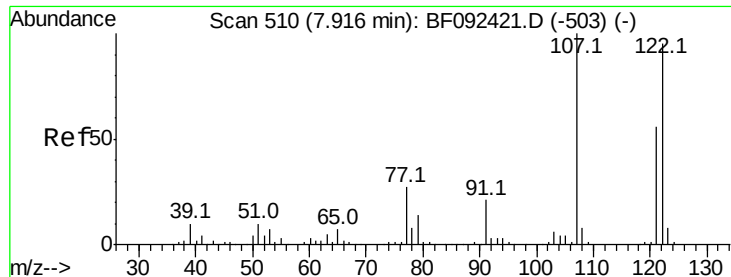
Ion Ratio Lower Upper

139 100

109 27.5 23.3 34.9

65 65.5 42.7 64.1#

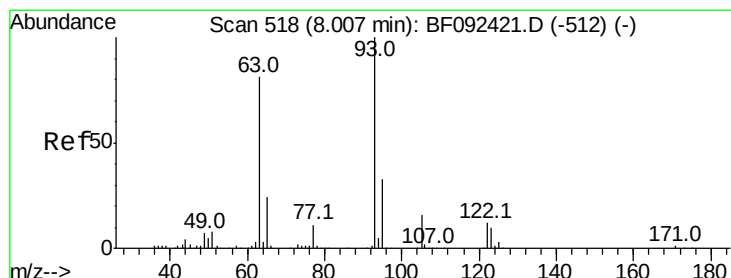
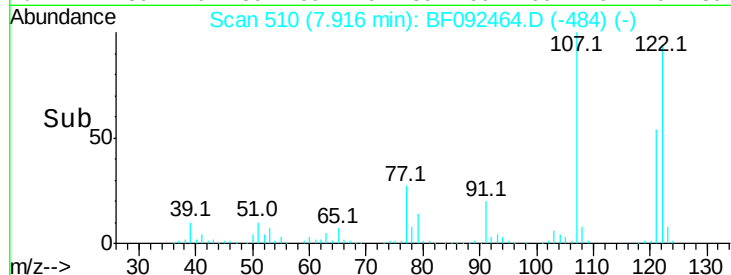
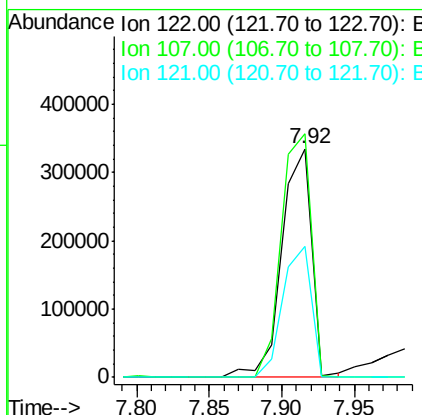
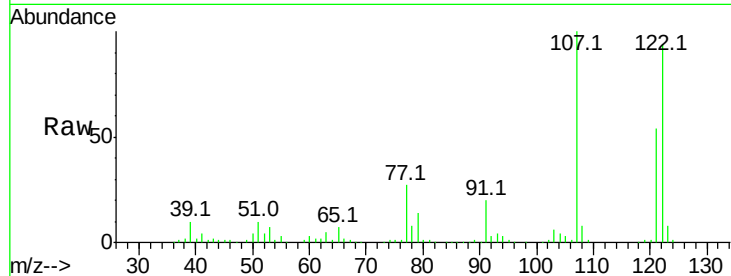




#27  
 2,4-Dimethylphenol  
 Concen: 39.37 ng  
 RT: 7.92 min Scan# 510  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

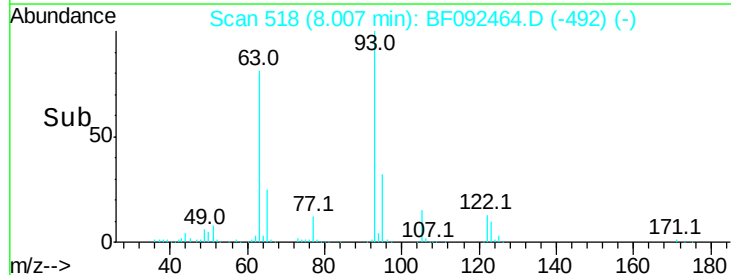
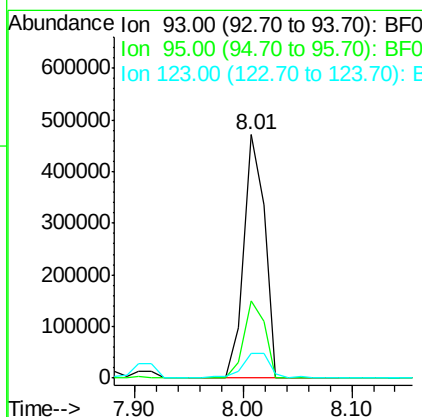
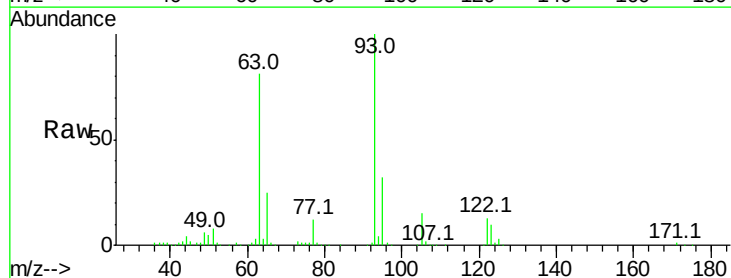
Instrument :  
 BNA\_F  
 ClientSampled :

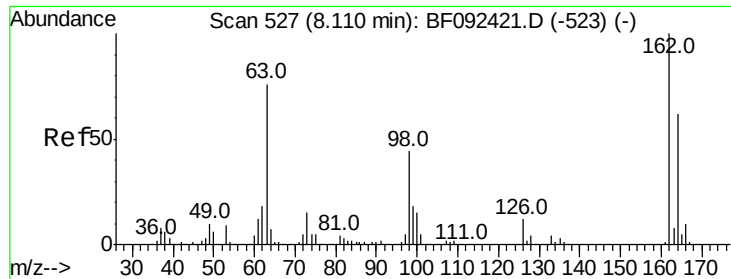
Tot Ion:122 Resp: 479644  
 Ion Ratio Lower Upper  
 122 100  
 107 106.6 94.1 141.1  
 121 57.5 46.0 69.0



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.16 ng  
 RT: 8.01 min Scan# 518  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

Tgt Ion: 93 Resp: 624053  
 Ion Ratio Lower Upper  
 93 100  
 95 31.7 26.5 39.7  
 123 10.1 8.6 13.0

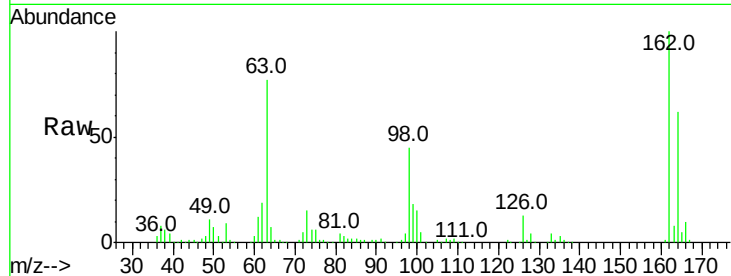




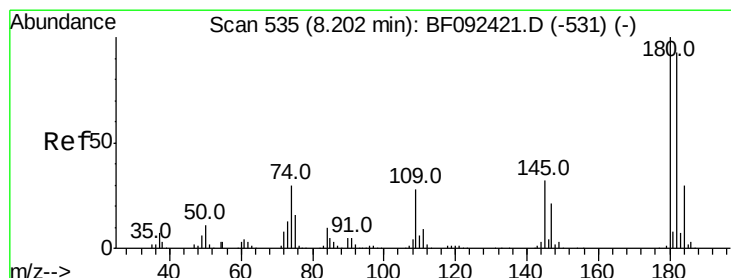
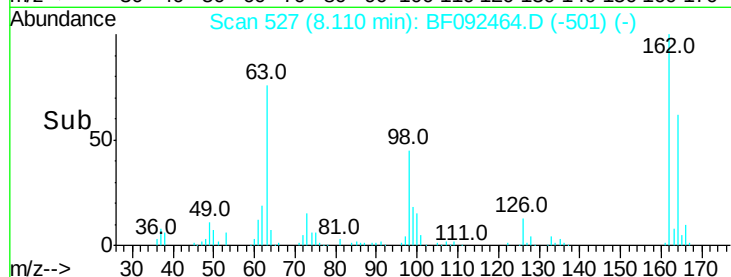
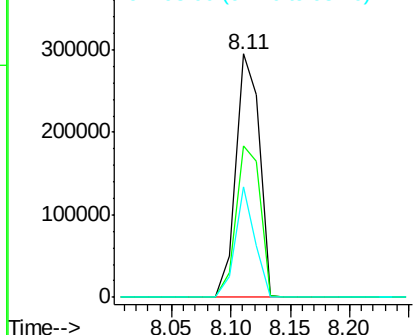
#29  
 2,4-Dichlorophenol  
 Concen: 38.71 ng  
 RT: 8.11 min Scan# 527  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.0  | 46.8  | 86.8  |
| 98      | 45.5  | 9.1   | 49.1  |

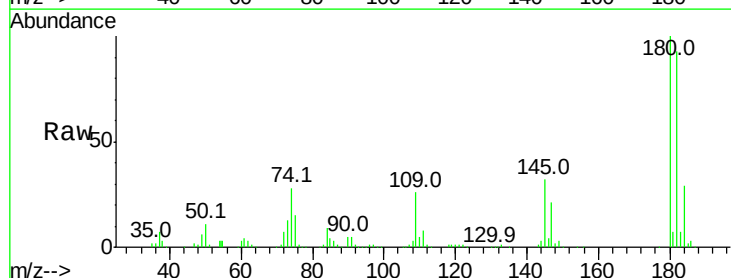


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

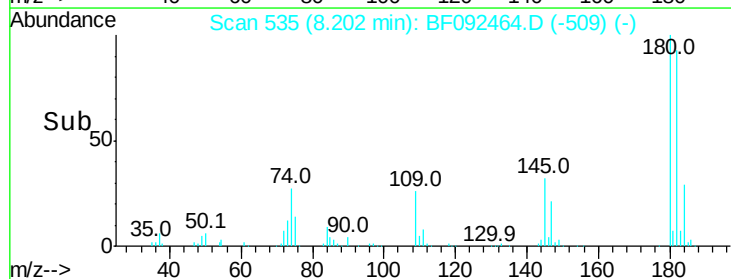
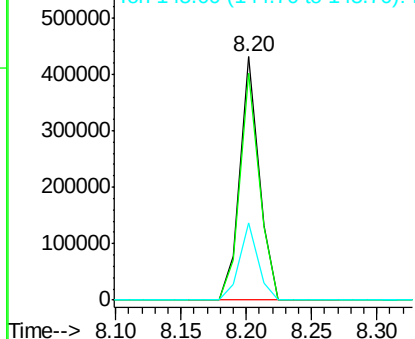


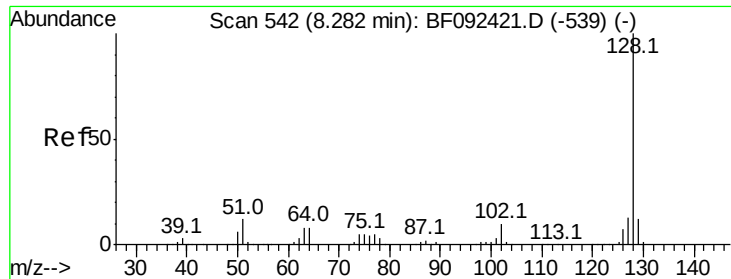
#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.61 ng  
 RT: 8.20 min Scan# 535  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.2  | 78.2  | 117.4 |
| 145     | 31.7  | 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

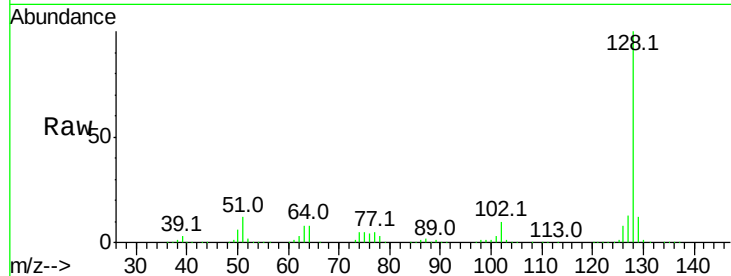




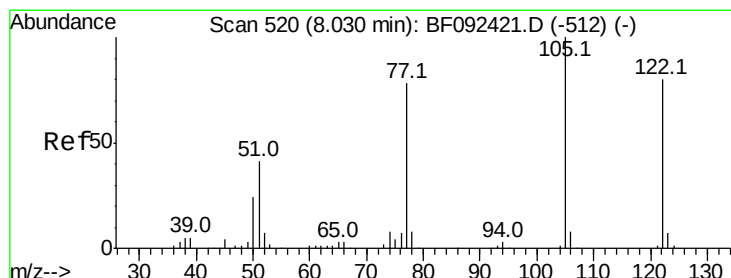
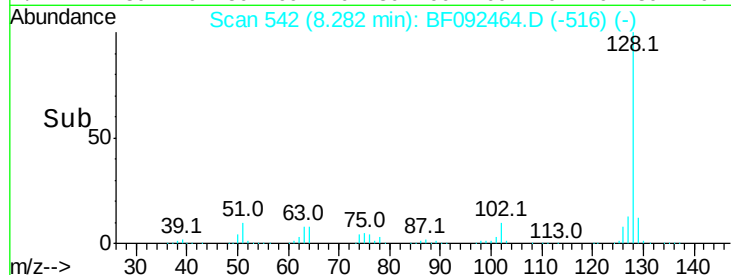
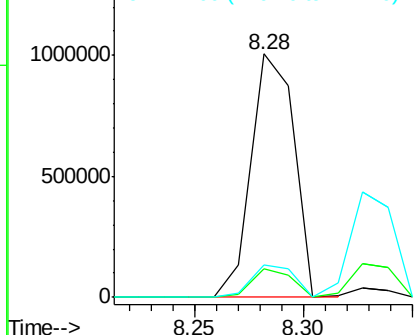
#31  
Naphthalene  
Concen: 37.20 ng  
RT: 8.28 min Scan# 542  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:128 Resp: 1387680  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.5 14.3  
127 13.4 10.8 16.2

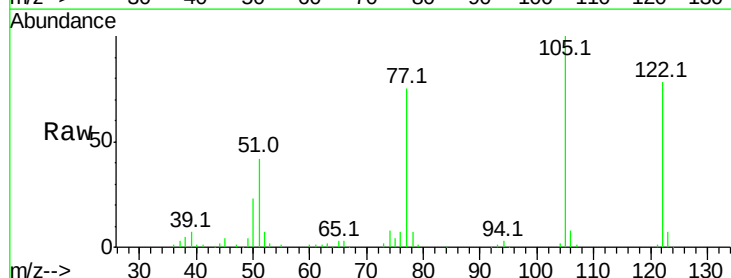


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

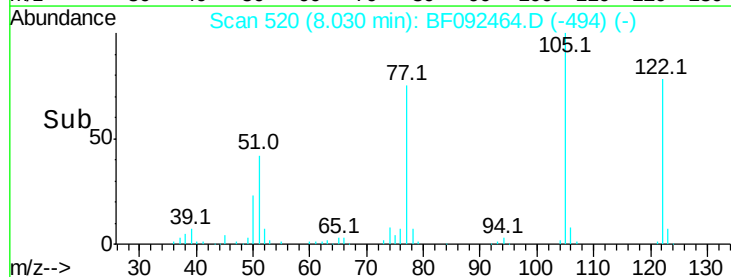
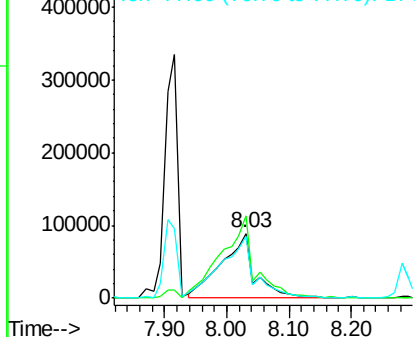


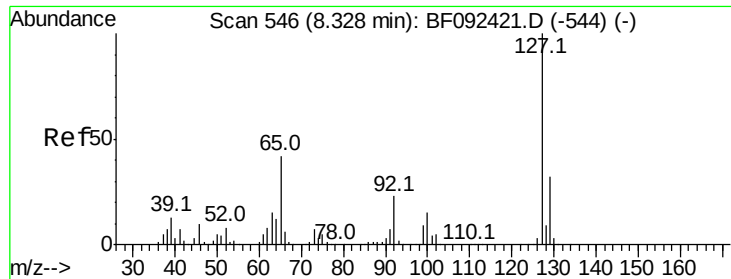
#32  
Benzoic acid  
Concen: 36.89 ng  
RT: 8.03 min Scan# 520  
Delta R.T. 0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Tgt Ion:122 Resp: 324952  
Ion Ratio Lower Upper  
122 100  
105 127.5 107.2 147.2  
77 96.0 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

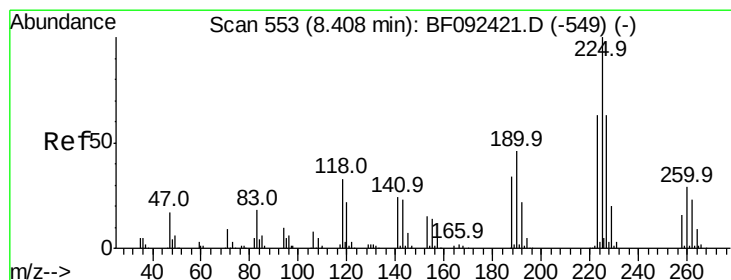
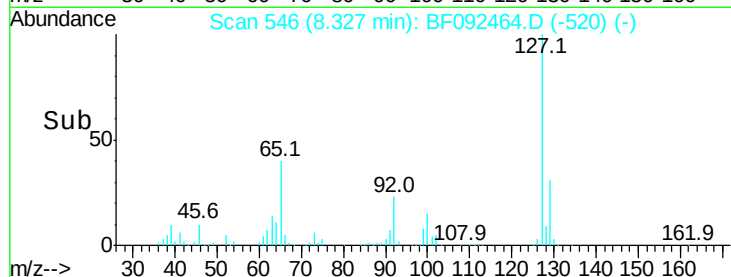
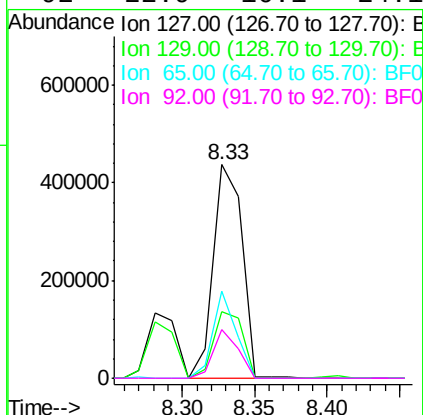
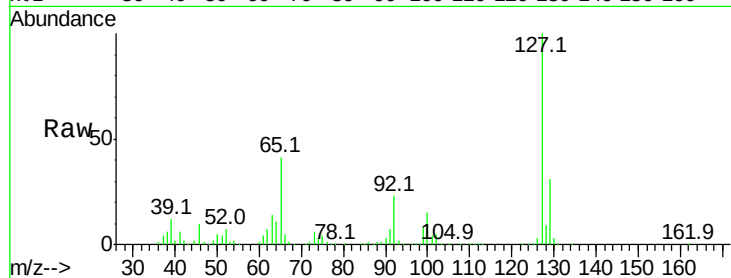




#33  
4-Chloroaniline  
Concen: 38.14 ng  
RT: 8.33 min Scan# 546  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

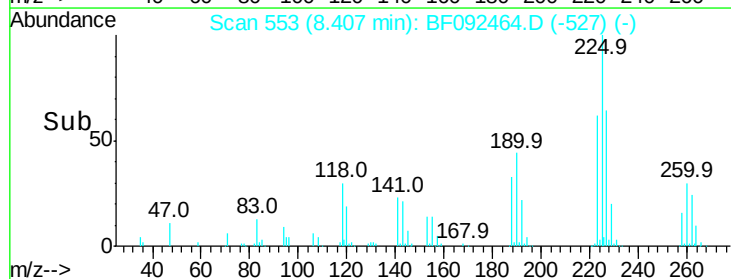
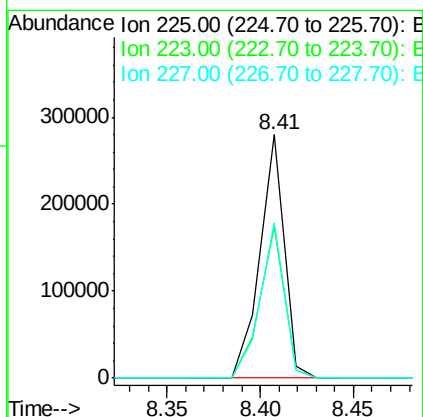
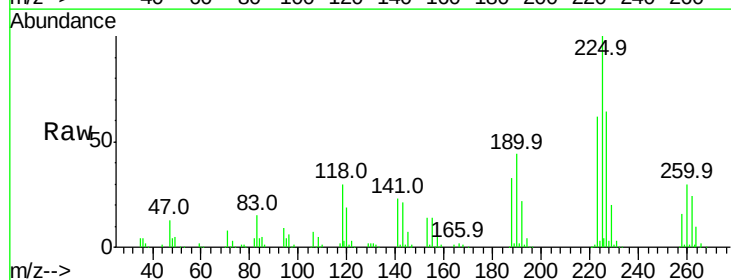
Instrument :  
BNA\_F  
ClientSampleId :

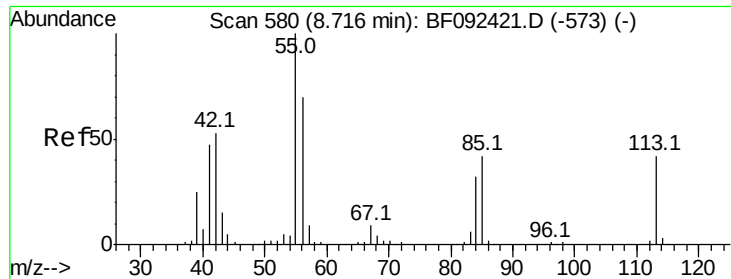
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 601924 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.5  | 26.3  | 39.5   |
| 65       | 40.8  | 25.8  | 38.8   |
| 92       | 22.9  | 16.1  | 24.1   |



#34  
Hexachlorobutadiene  
Concen: 40.33 ng  
RT: 8.41 min Scan# 553  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 251842 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.1  | 51.0  | 76.6   |
| 227      | 64.0  | 50.6  | 76.0   |

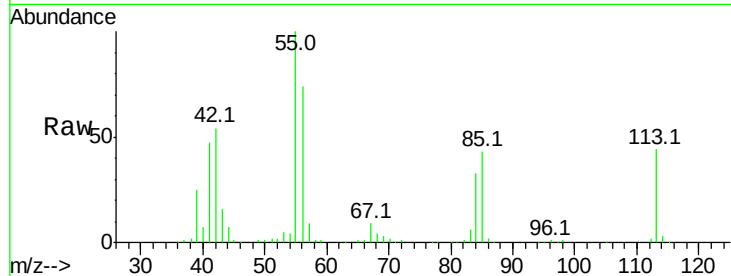




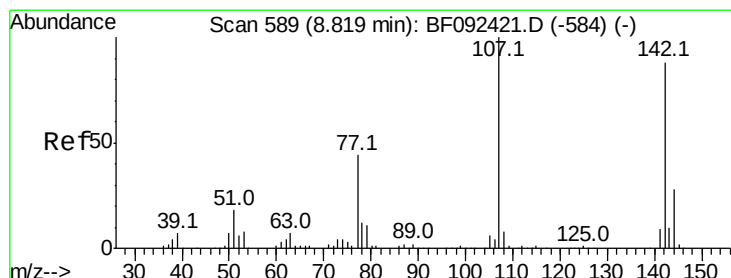
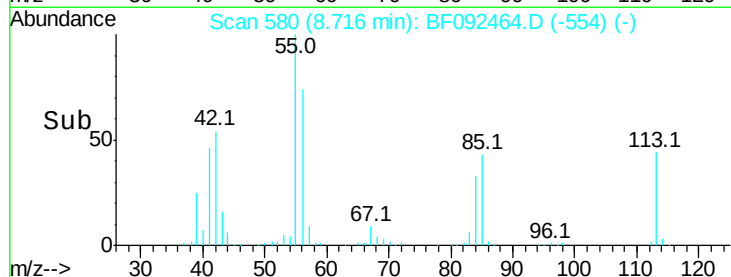
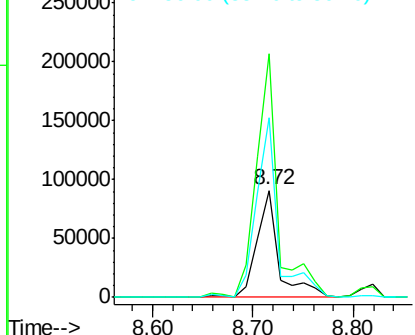
#35  
 Caprolactam  
 Concen: 38.60 ng  
 RT: 8.72 min Scan# 580  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:113 Resp: 136120  
 Ion Ratio Lower Upper  
 113 100  
 55 227.0 119.2 159.2#  
 56 167.9 83.8 123.8#

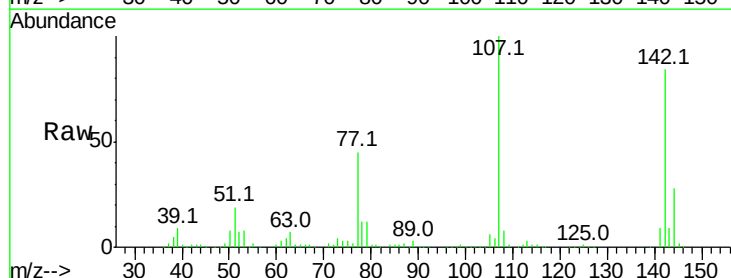


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

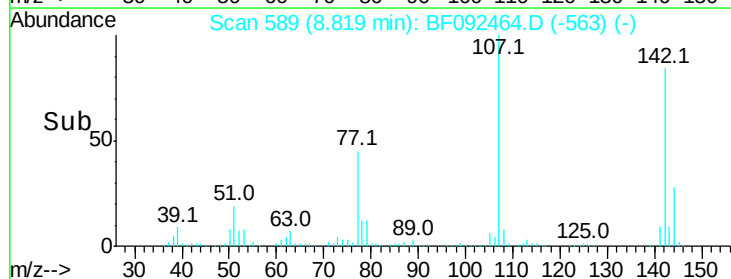
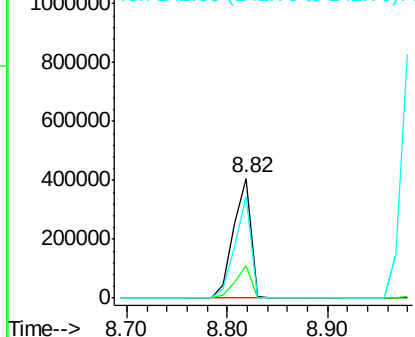


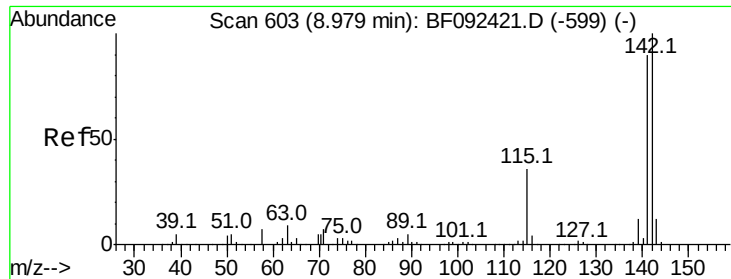
#36  
 4-Chloro-3-methylphenol  
 Concen: 42.99 ng  
 RT: 8.82 min Scan# 589  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

Tgt Ion:107 Resp: 489637  
 Ion Ratio Lower Upper  
 107 100  
 144 27.6 19.3 28.9  
 142 84.5 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

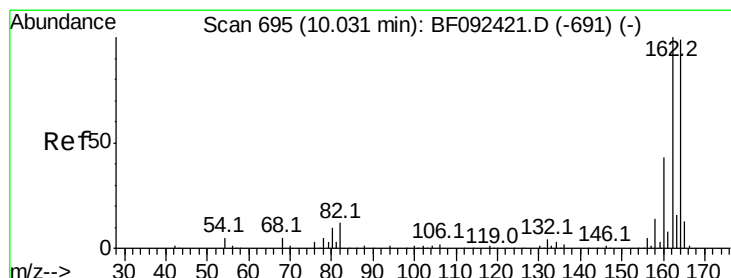
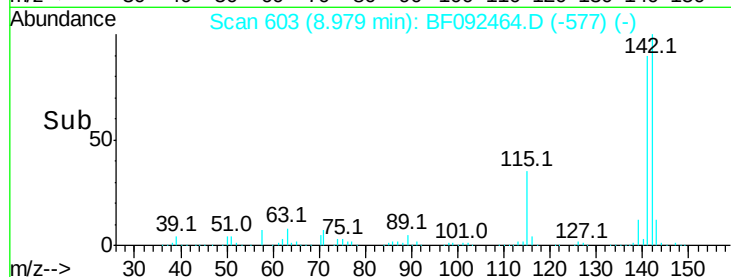
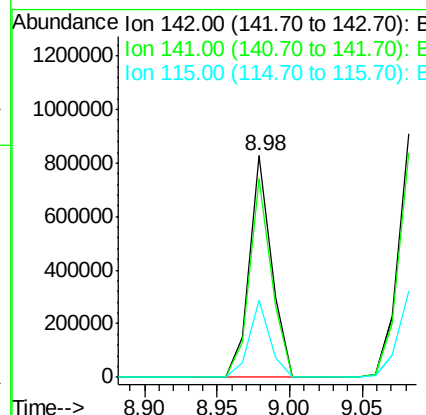
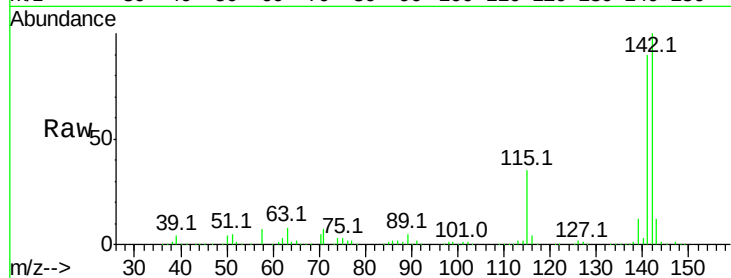




#37  
 2-Methylnaphthalene  
 Concen: 37.09 ng  
 RT: 8.98 min Scan# 603  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

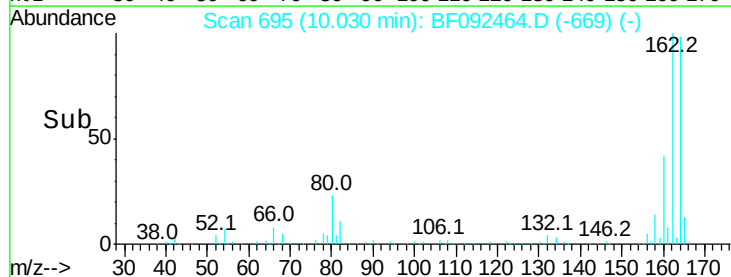
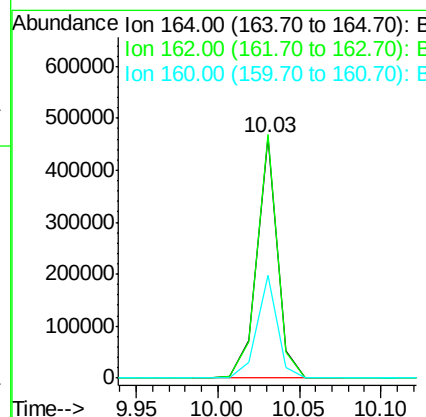
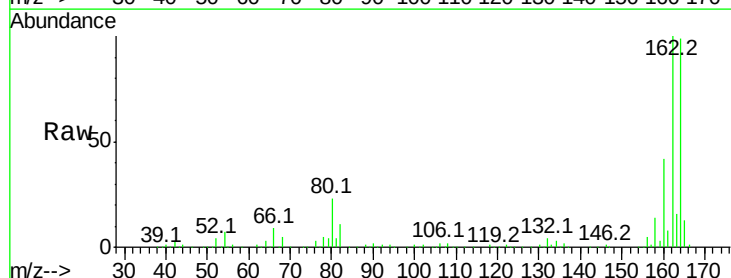
Instrument :  
 BNA\_F  
 ClientSampleId :

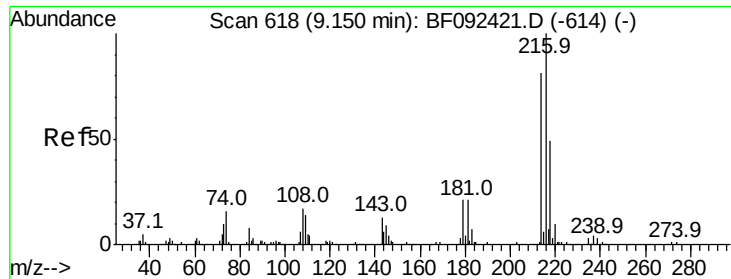
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.8  | 71.0  | 106.6 |
| 115     | 34.7  | 28.3  | 42.5  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.03 min Scan# 695  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.0 | 80.2  | 120.2 |
| 160     | 42.8  | 36.9  | 55.3  |

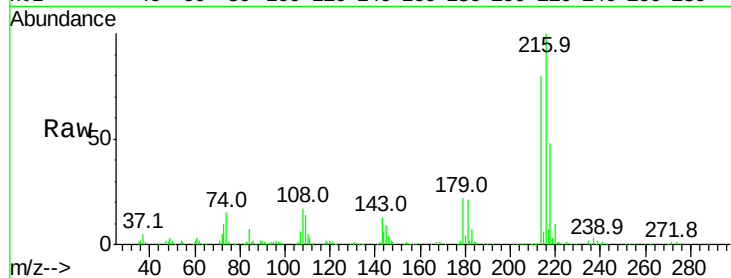




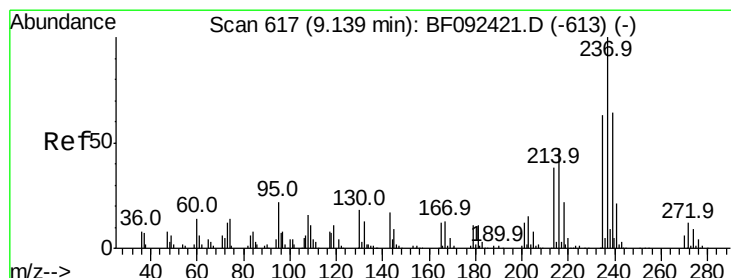
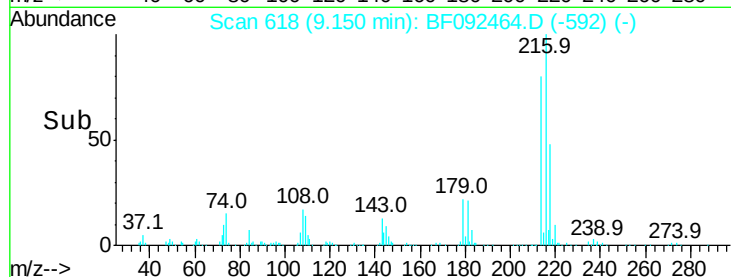
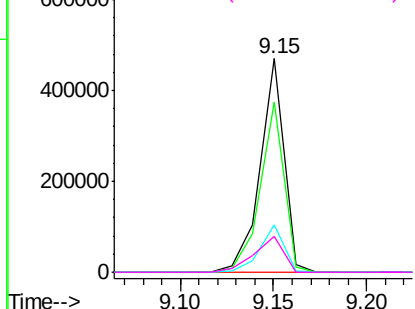
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.52 ng  
 RT: 9.15 min Scan# 618  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 413706 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.9  | 63.4  | 95.0   |
| 179      | 22.5  | 17.4  | 26.2   |
| 108      | 20.7  | 15.6  | 23.4   |

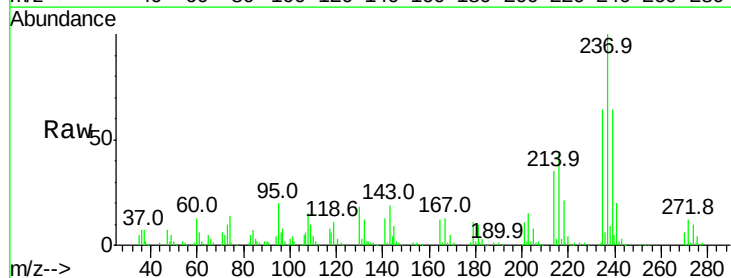


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

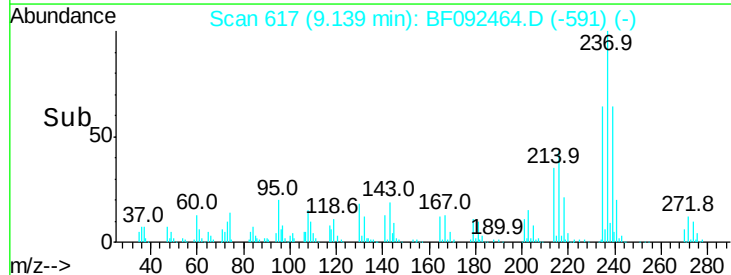
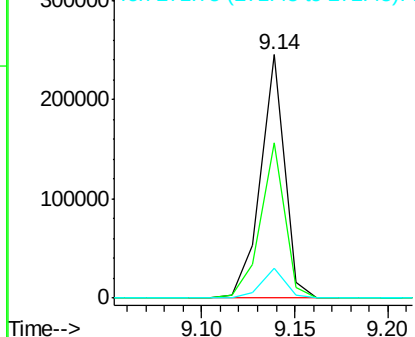


#40  
 Hexachlorocyclopentadiene  
 Concen: 42.58 ng  
 RT: 9.14 min Scan# 617  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

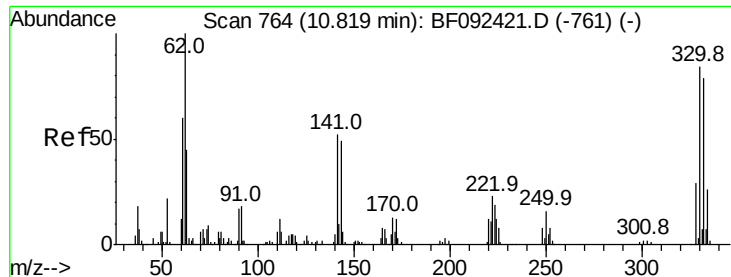
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 217691 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.8  | 41.2  | 81.2   |
| 272      | 12.5  | 0.0   | 35.4   |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E







#41

2,4,6-Tribromophenol

Concen: 78.80 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA\_F

ClientSampleId :

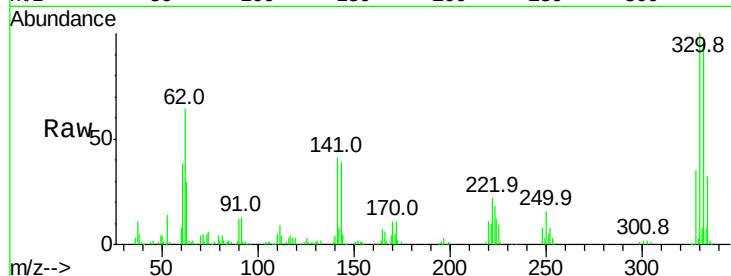
Tot Ion:330 Resp: 217360

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

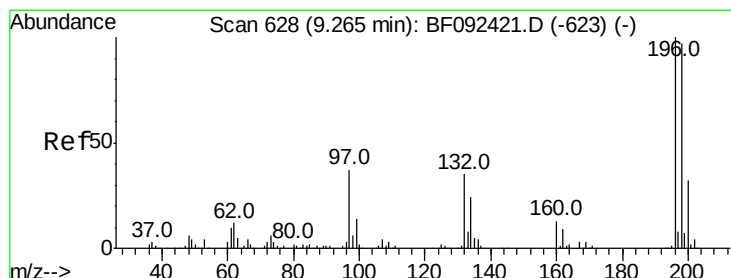
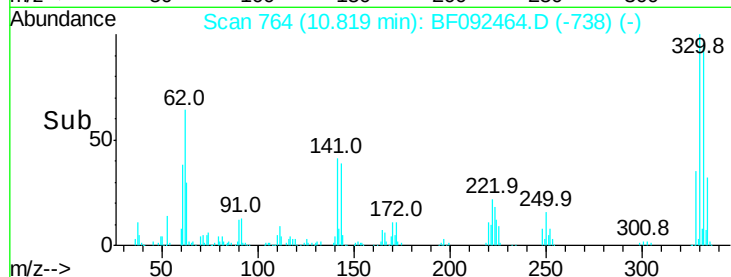
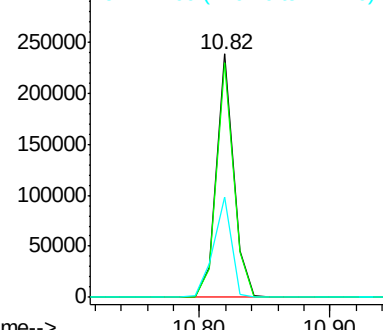
141 43.1 34.1 51.1



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: 39.30 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

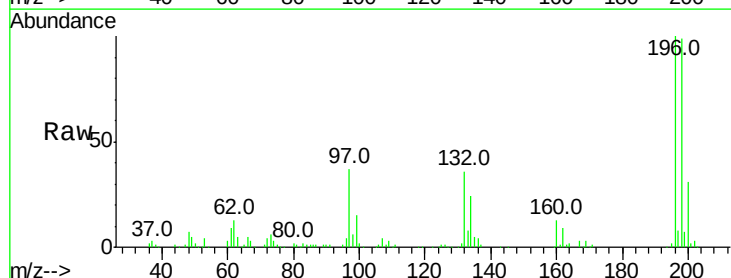
Tgt Ion:196 Resp: 307419

Ion Ratio Lower Upper

196 100

198 98.7 82.1 123.1

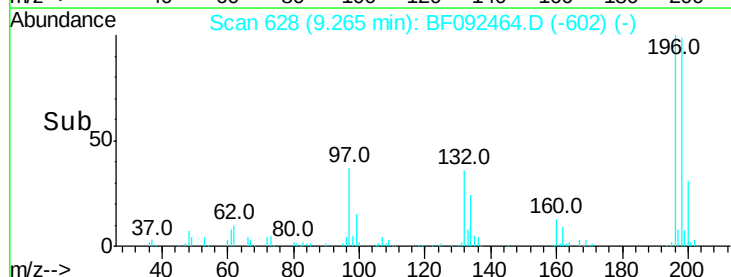
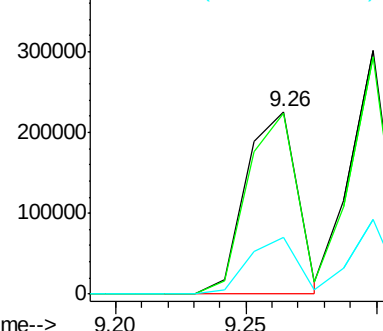
200 31.3 27.0 40.4

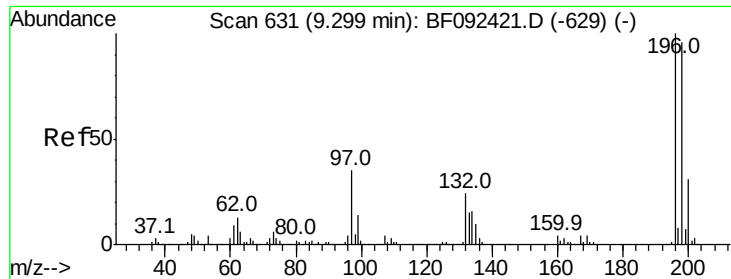


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

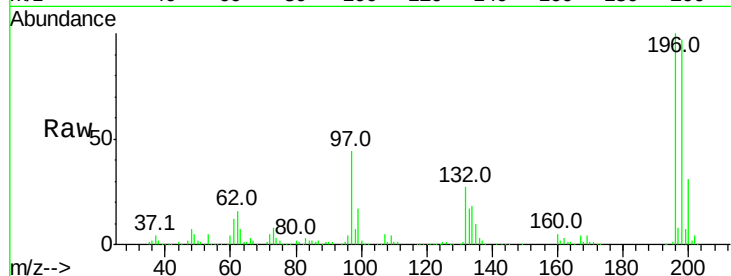




#43  
 2,4,5-Trichlorophenol  
 Concen: 41.60 ng  
 RT: 9.30 min Scan# 631  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.4  | 79.4  | 119.2 |
| 97      | 44.1  | 51.5  | 77.3# |
| 132     | 26.8  | 27.4  | 41.2# |



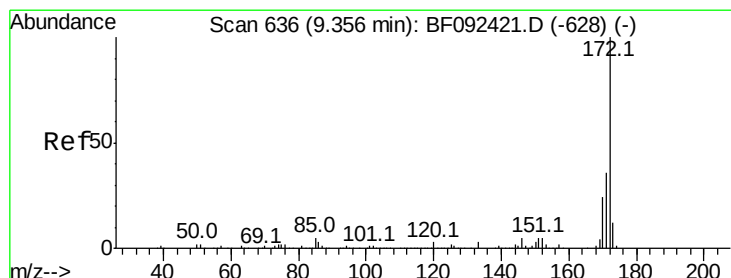
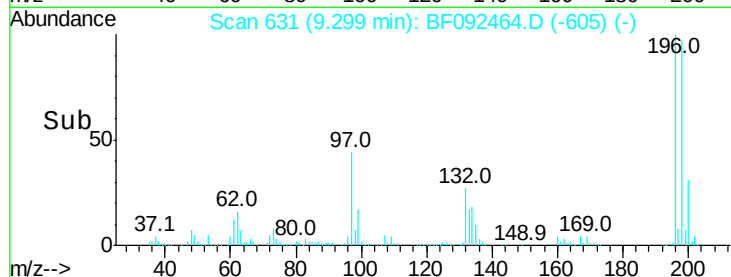
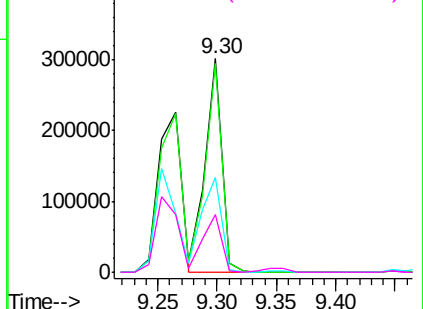
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

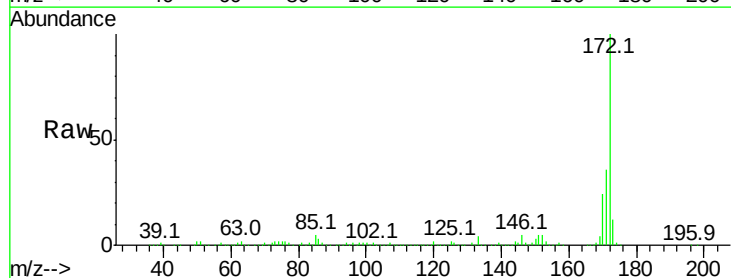
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 81.02 ng  
 RT: 9.36 min Scan# 636  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.8  | 29.4  | 44.0  |
| 170     | 24.2  | 20.2  | 30.4  |

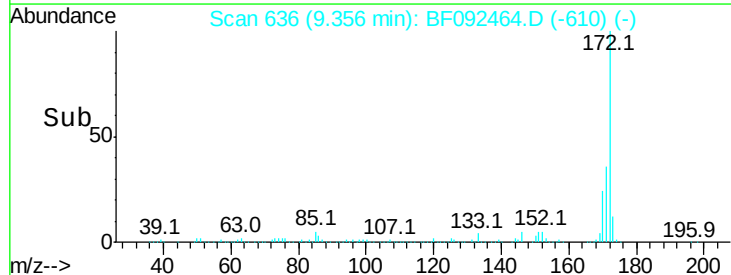
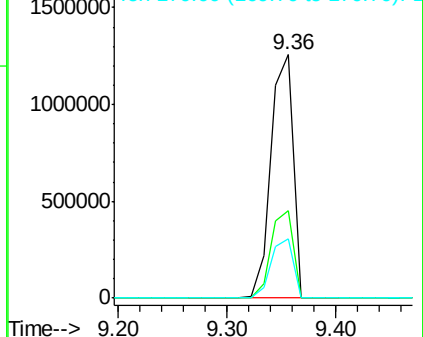


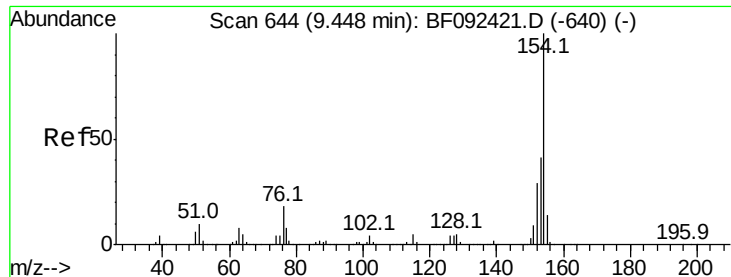
Abundance

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: 35.44 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA\_F

ClientSampled :

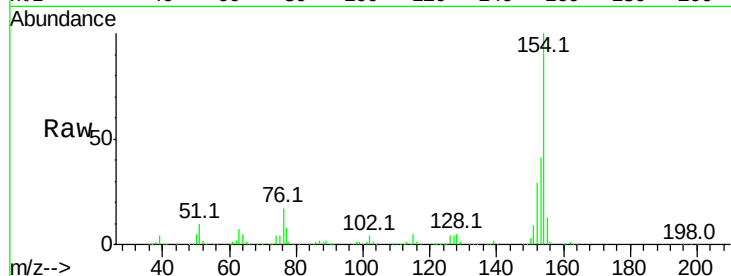
Tot Ion:154 Resp: 1036844

Ion Ratio Lower Upper

154 100

153 41.5 20.9 60.9

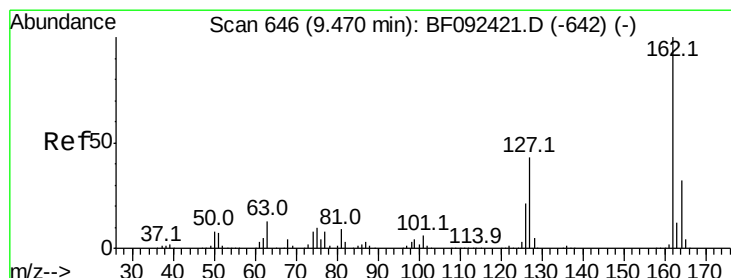
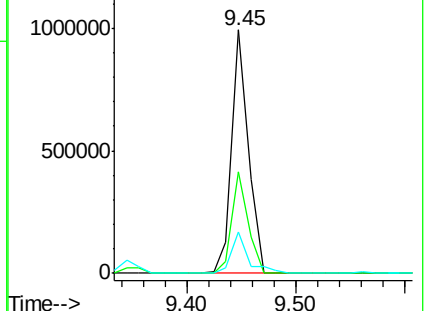
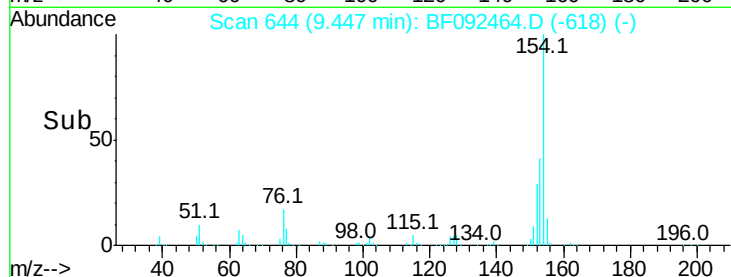
76 17.0 0.0 30.5



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: 37.08 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

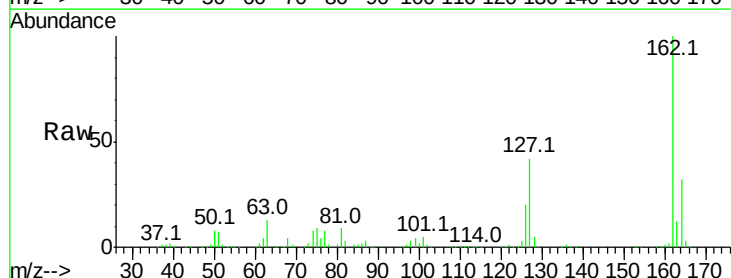
Tgt Ion:162 Resp: 886112

Ion Ratio Lower Upper

162 100

127 42.2 30.7 46.1

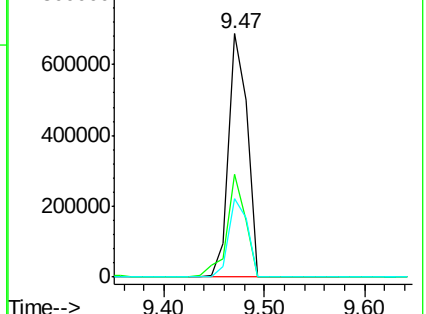
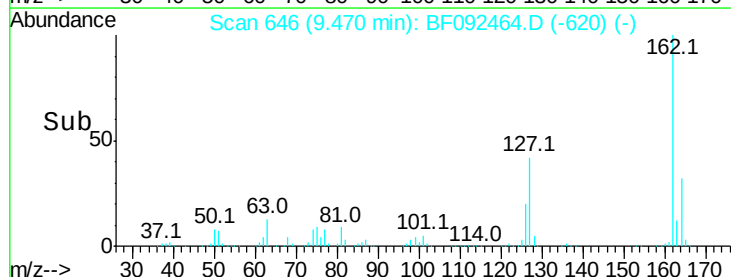
164 32.4 27.6 41.4

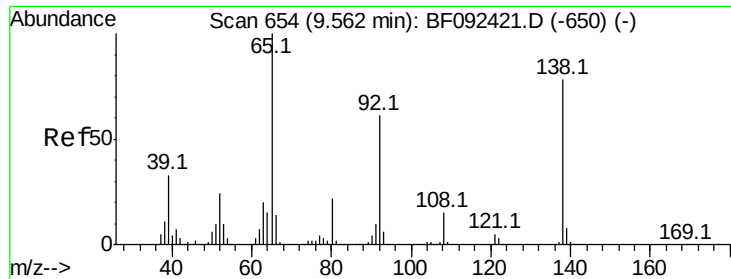


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

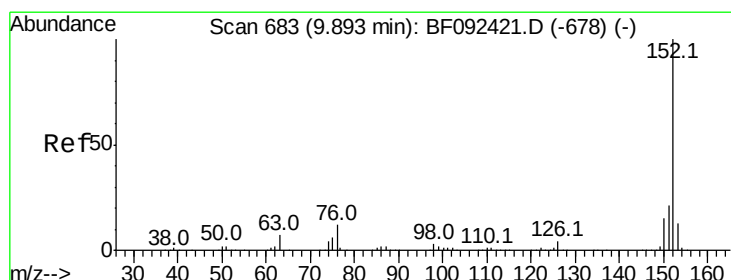
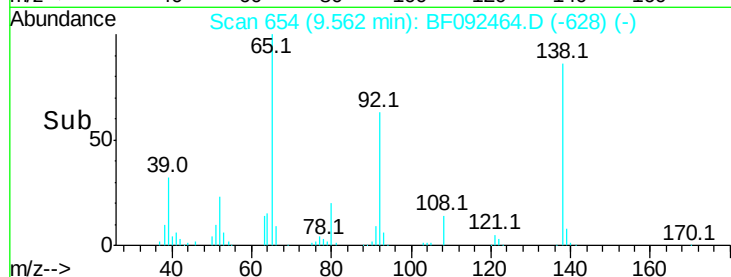
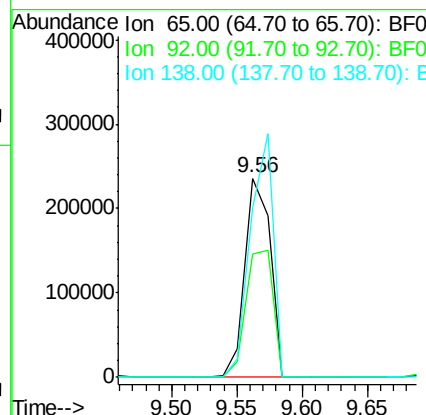
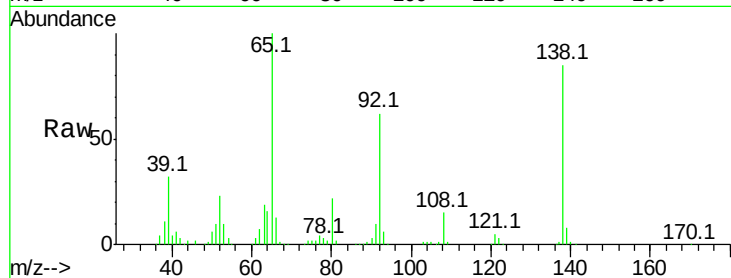




#47  
2-Nitroaniline  
Concen: 39.58 ng  
RT: 9.56 min Scan# 654  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

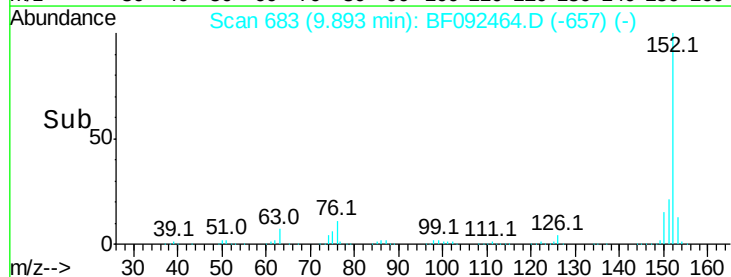
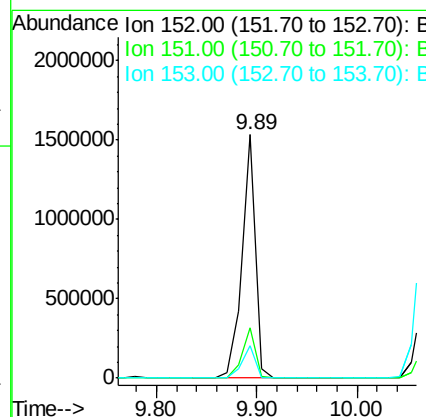
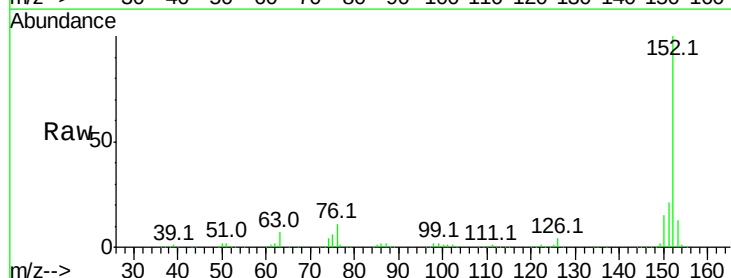
Instrument :  
BNA\_F  
ClientSampled :

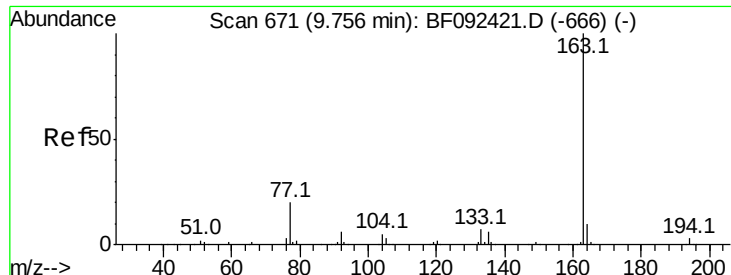
Tot Ion: 65 Resp: 318527  
Ion Ratio Lower Upper  
65 100  
92 62.2 53.9 80.9  
138 85.3 76.8 115.2



#48  
Acenaphthylene  
Concen: 40.15 ng  
RT: 9.89 min Scan# 683  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Tgt Ion: 152 Resp: 1407204  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.9 25.3  
153 13.5 11.4 17.2

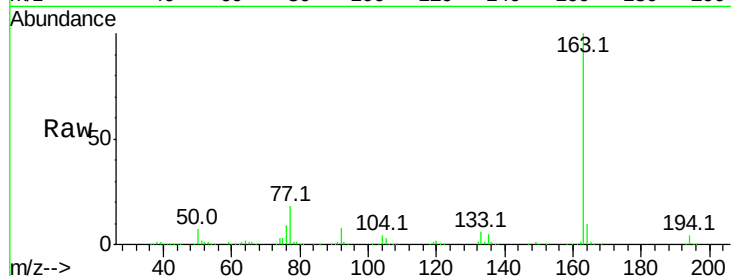




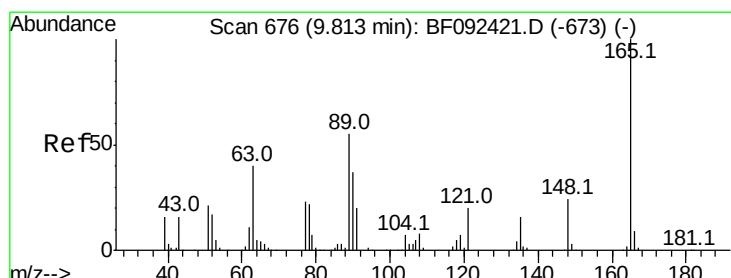
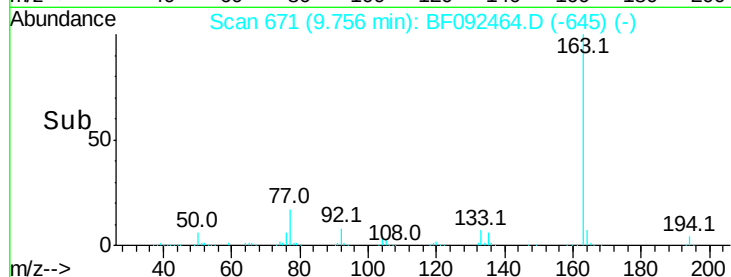
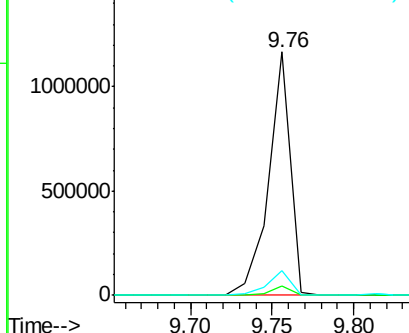
#49  
Dimethylphthalate  
Concen: 41.97 ng  
RT: 9.76 min Scan# 671  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:163 Resp: 1080165  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.0 4.4  
164 10.0 8.0 12.0

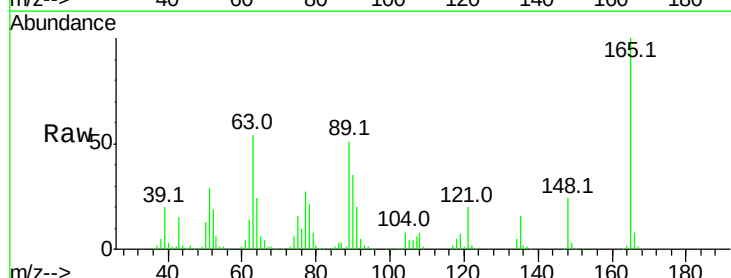


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

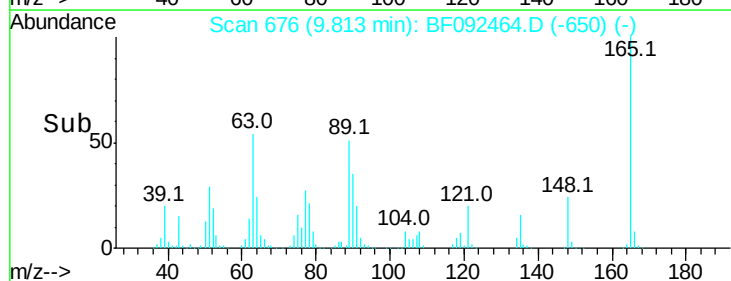
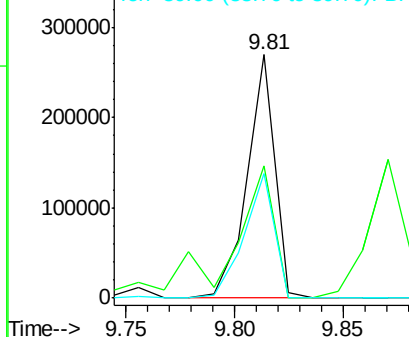


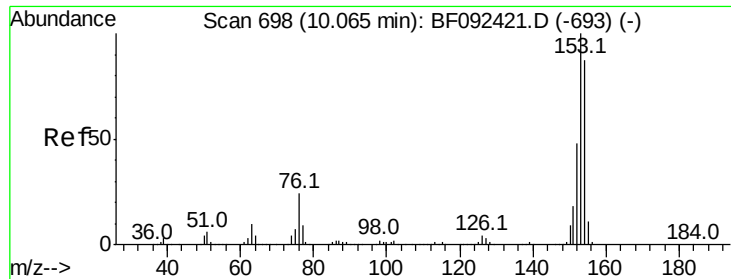
#50  
2,6-Dinitrotoluene  
Concen: 44.99 ng  
RT: 9.81 min Scan# 676  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Tgt Ion:165 Resp: 236719  
Ion Ratio Lower Upper  
165 100  
63 54.2 36.2 54.4  
89 51.1 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: 38.12 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA\_F

ClientSampleId :

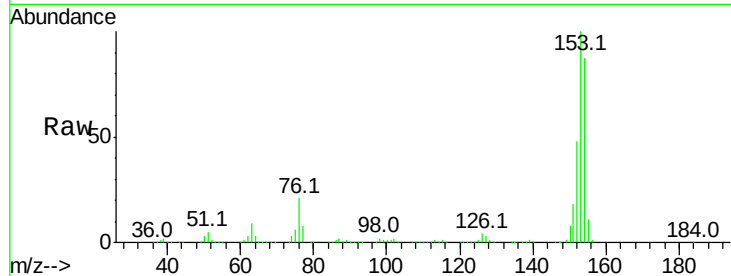
Tot Ion:154 Resp: 830238

Ion Ratio Lower Upper

154 100

153 114.9 88.6 133.0

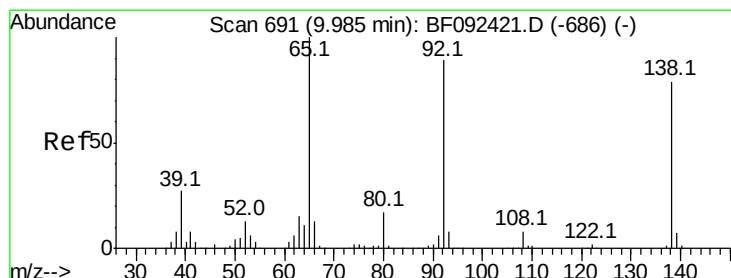
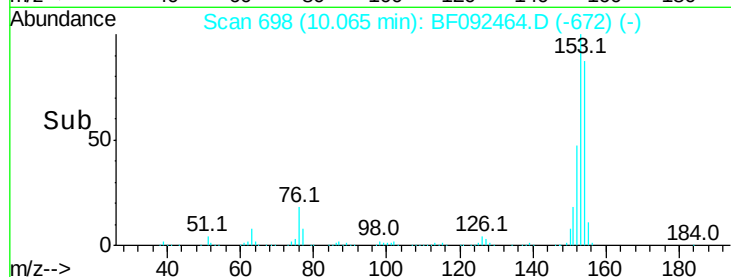
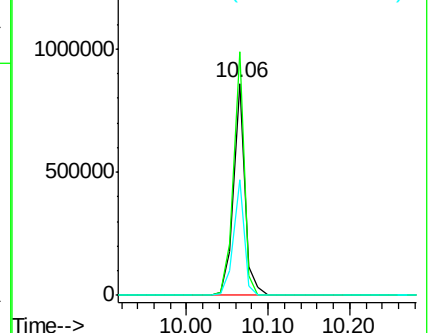
152 54.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 47.84 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

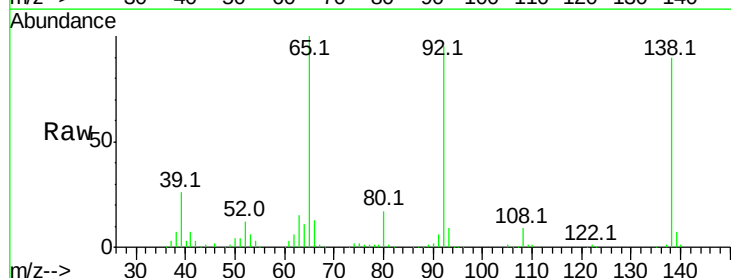
Tgt Ion:138 Resp: 315215

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

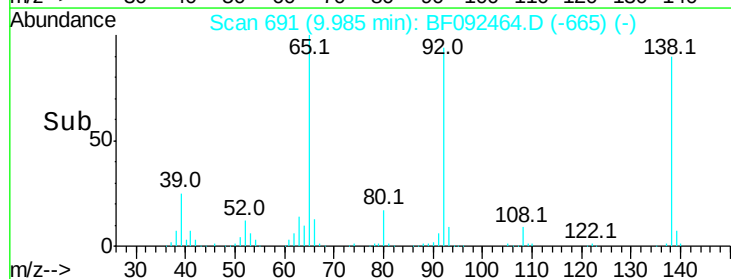
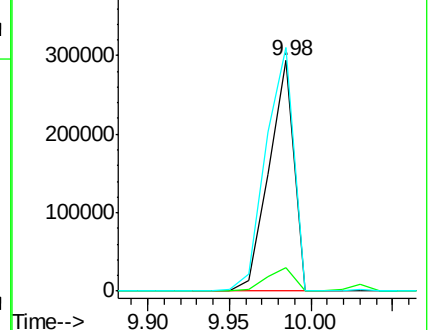
92 105.6 97.8 146.8

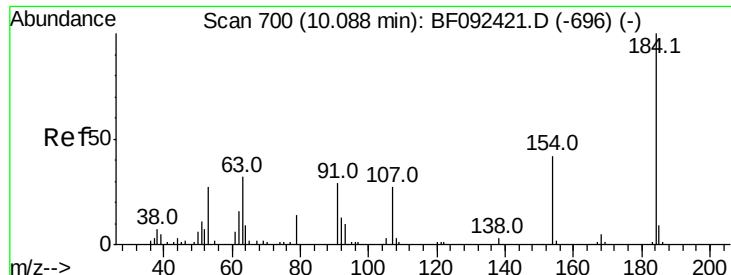


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

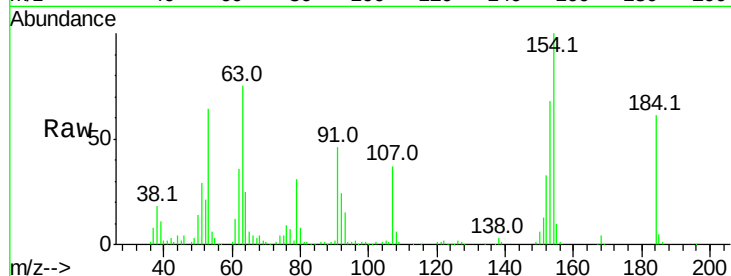




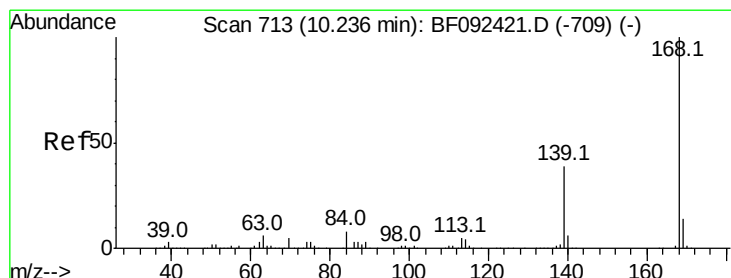
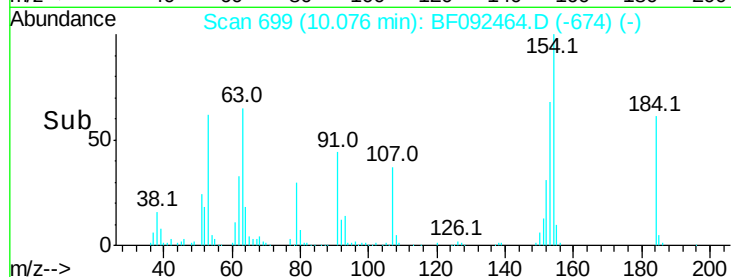
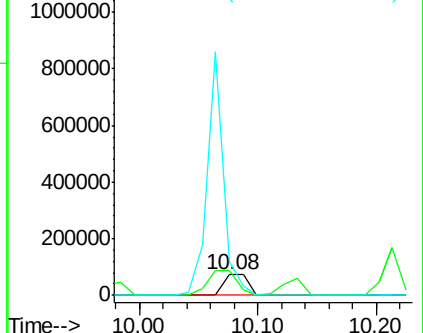
#53  
2,4-Dinitrophenol  
Concen: 42.31 ng  
RT: 10.08 min Scan# 699  
Delta R.T. -0.01 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:184 Resp: 102446  
Ion Ratio Lower Upper  
184 100  
63 121.7 28.4 42.6#  
154 163.1 44.3 66.5#

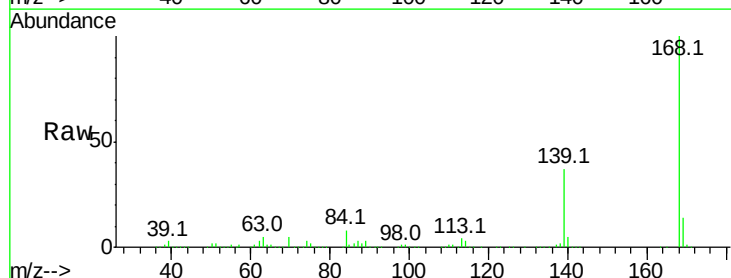


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

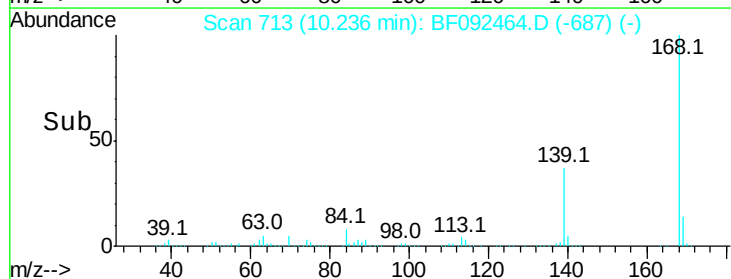
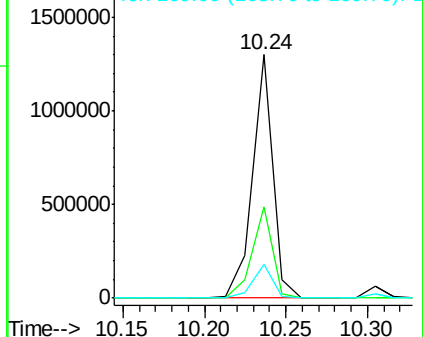


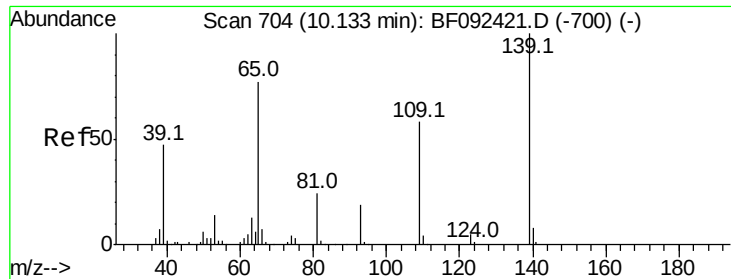
#54  
Dibenzofuran  
Concen: 38.11 ng  
RT: 10.24 min Scan# 713  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Tgt Ion:168 Resp: 1127170  
Ion Ratio Lower Upper  
168 100  
139 37.3 32.6 49.0  
169 13.6 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

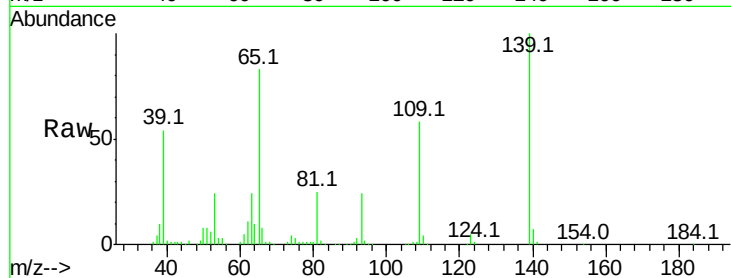




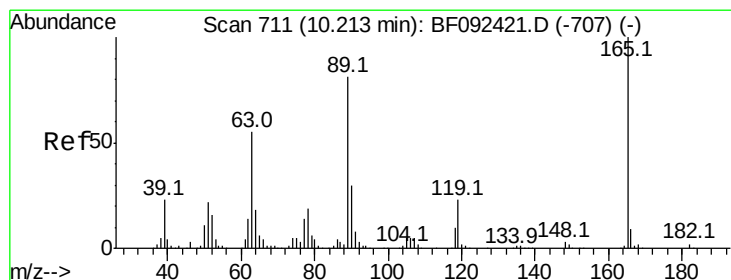
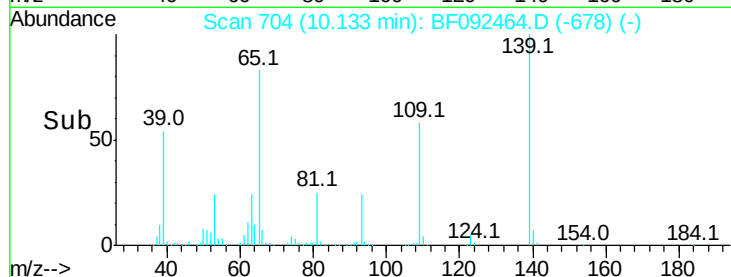
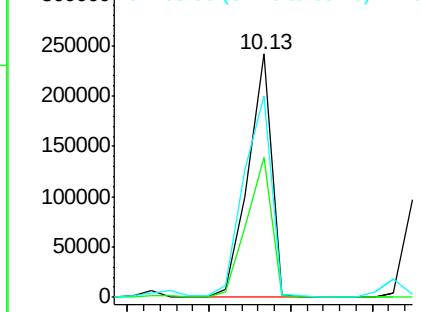
#55  
4-Nitrophenol  
Concen: 46.27 ng  
RT: 10.13 min Scan# 704  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:139 Resp: 242092  
Ion Ratio Lower Upper  
139 100  
109 57.7 52.2 92.2  
65 82.7 85.8 125.8#

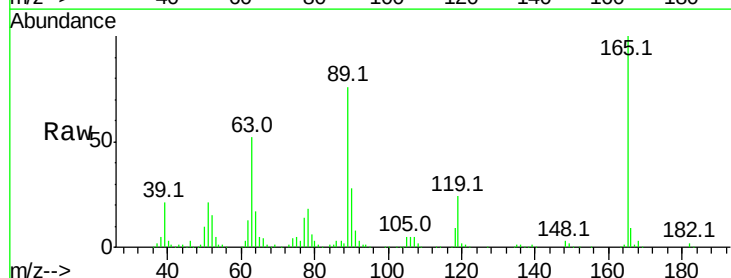


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

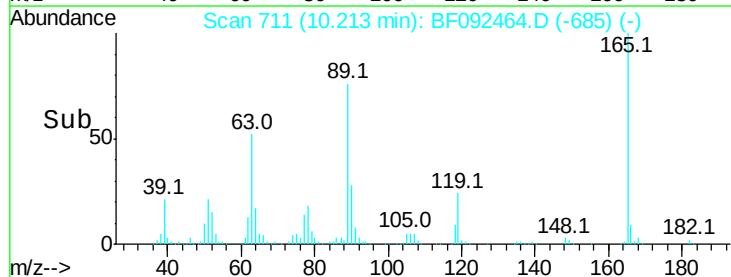
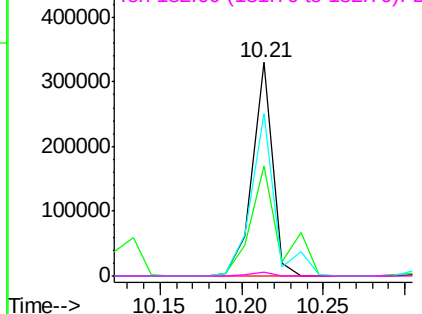


#56  
2,4-Dinitrotoluene  
Concen: 40.85 ng  
RT: 10.21 min Scan# 711  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

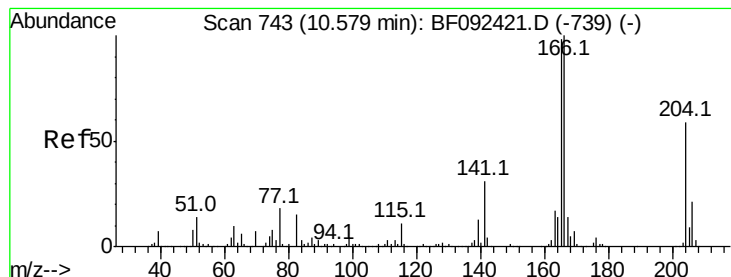
Tgt Ion:165 Resp: 285248  
Ion Ratio Lower Upper  
165 100  
63 51.8 40.2 60.4  
89 76.1 62.5 93.7  
182 2.1 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0  
Ion 182.00 (181.70 to 182.70): E







#57

Fluorene

Concen: 38.07 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA\_F

ClientSampleId :

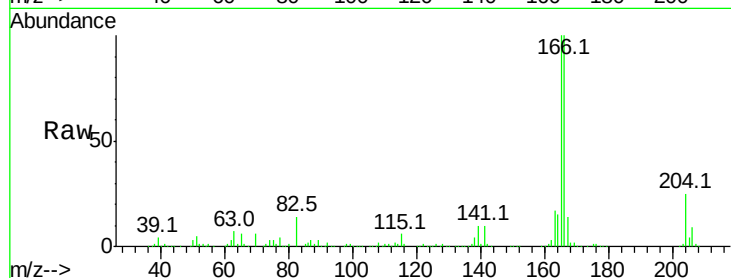
Tot Ion:166 Resp: 834874

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.8

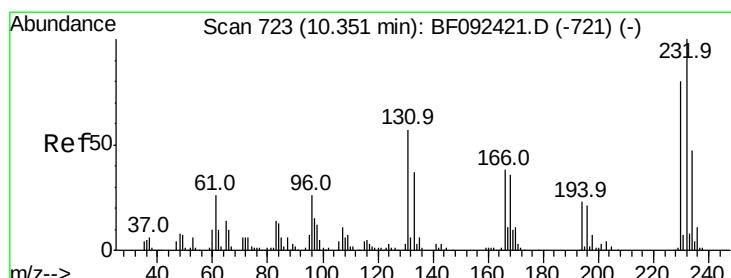
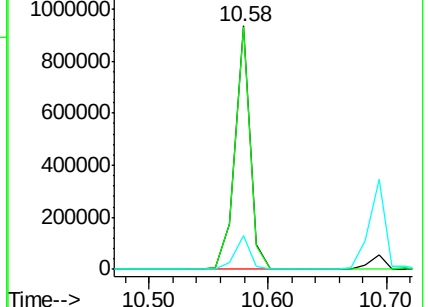
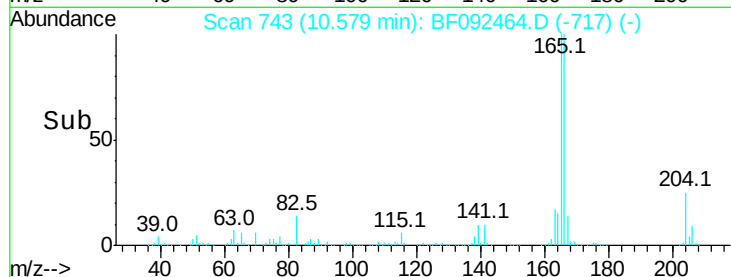
167 13.6 10.8 16.2



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: 41.98 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Tgt Ion:232 Resp: 225104

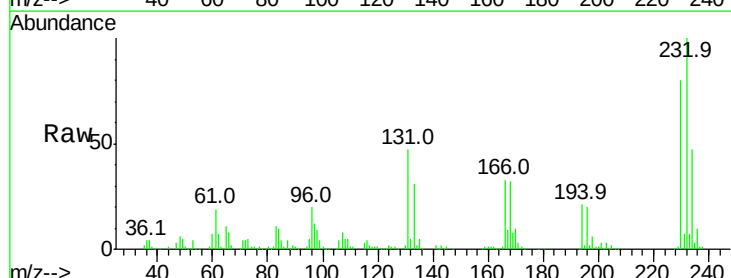
Ion Ratio Lower Upper

232 100

131 49.6 40.1 60.1

130 2.4 1.8 2.8

166 33.4 26.6 39.8

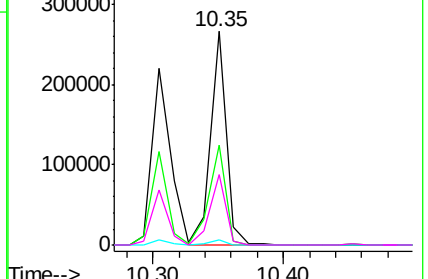
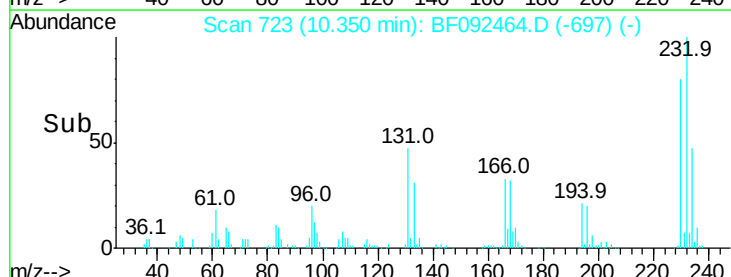


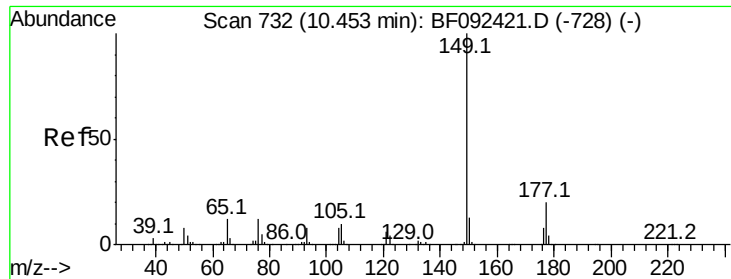
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.40 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA\_F

ClientSampled :

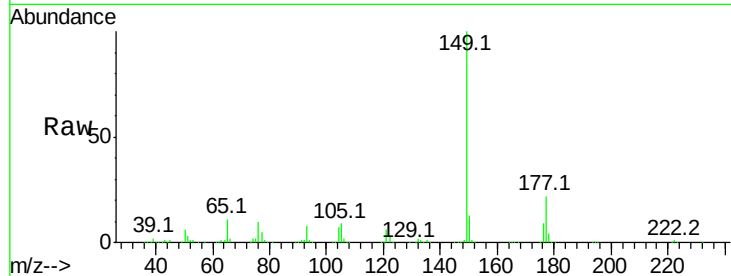
Tot Ion:149 Resp: 947707

Ion Ratio Lower Upper

149 100

177 22.2 16.6 25.0

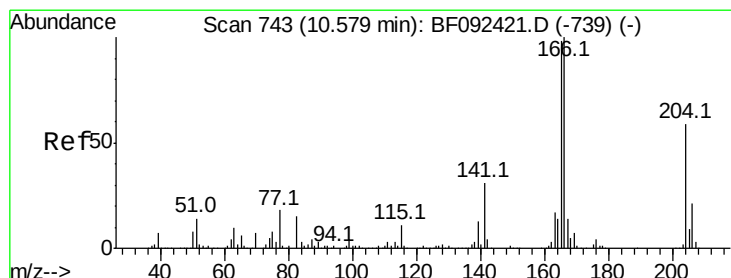
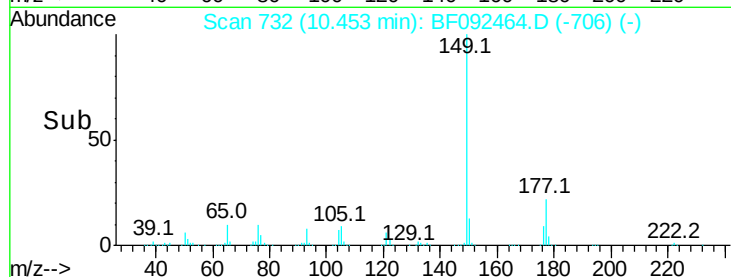
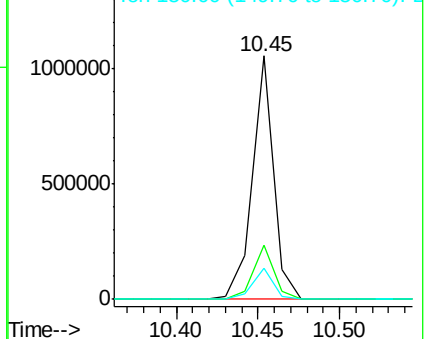
150 13.0 10.4 15.6



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: 37.36 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

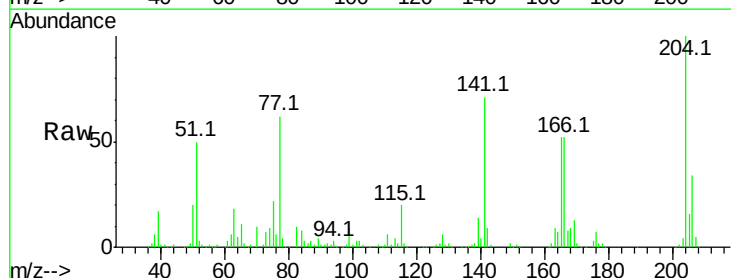
Tgt Ion:204 Resp: 397378

Ion Ratio Lower Upper

204 100

206 33.5 25.8 38.6

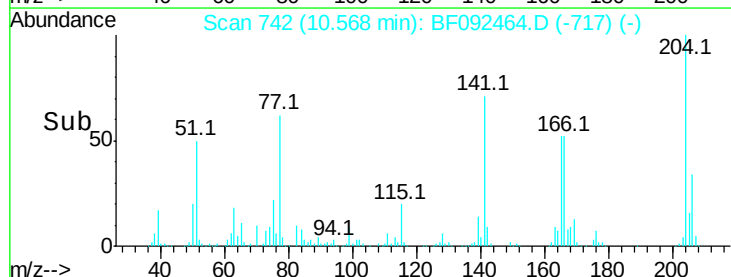
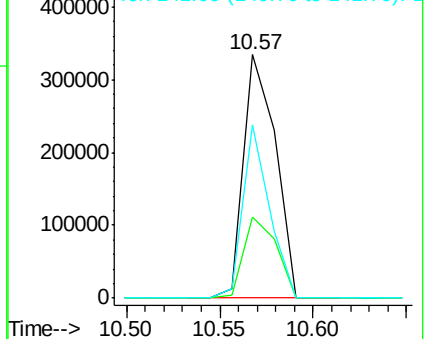
141 71.4 59.4 89.0

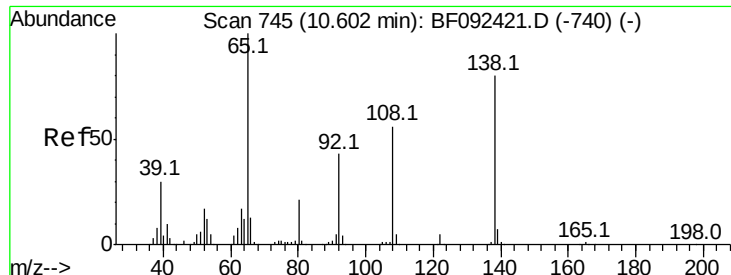


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

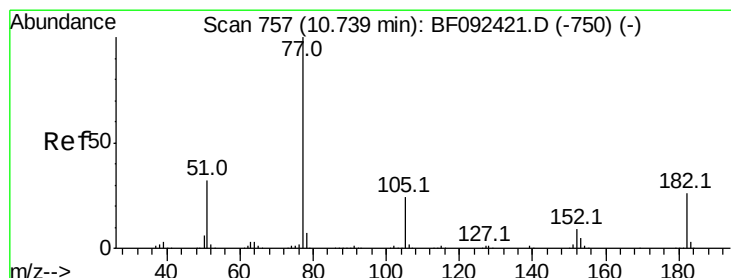
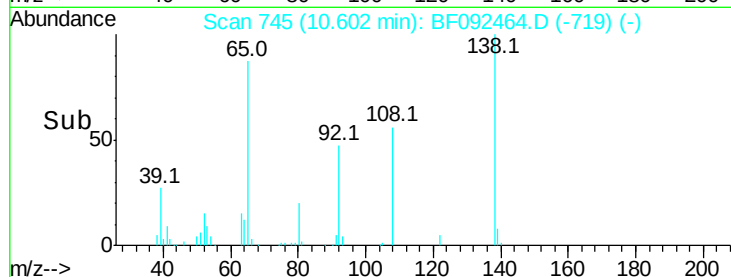
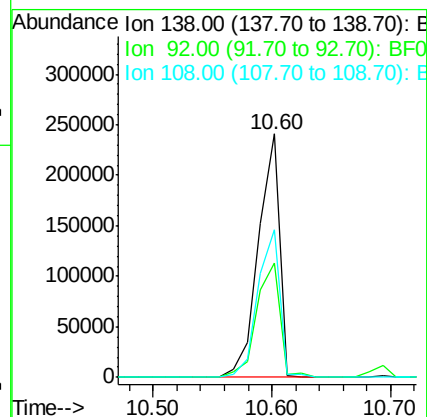
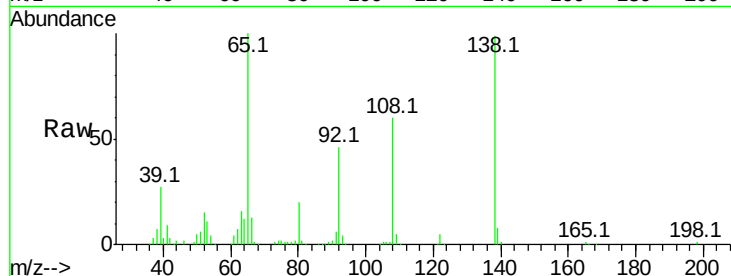




#61  
4-Nitroaniline  
Concen: 45.90 ng  
RT: 10.60 min Scan# 745  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

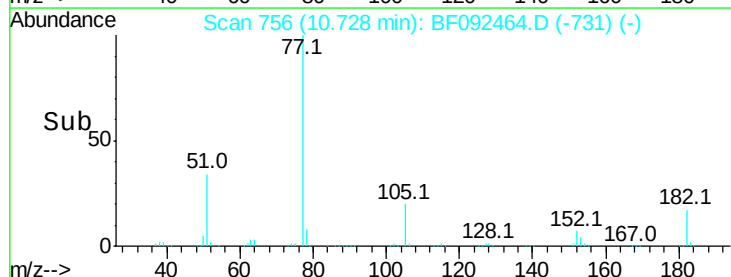
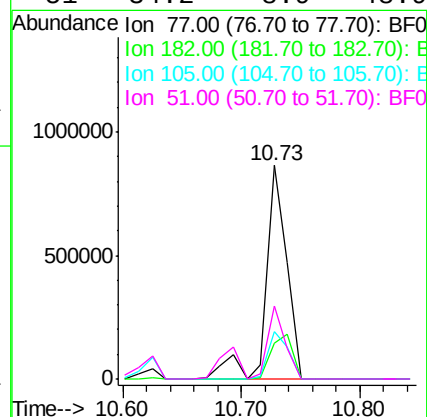
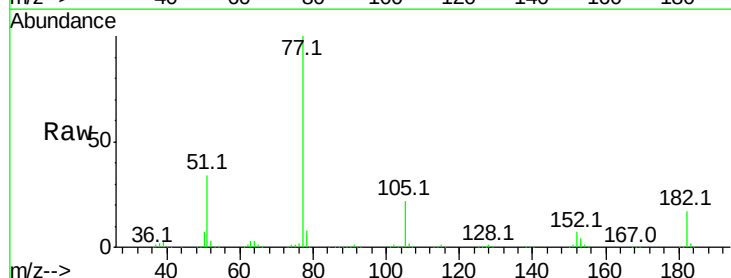
Instrument :  
BNA\_F  
ClientSampleId :

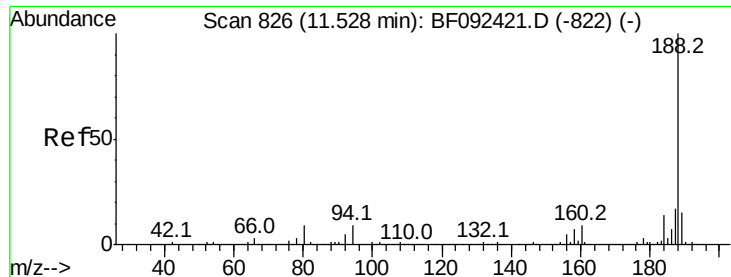
Tot Ion:138 Resp: 302504  
Ion Ratio Lower Upper  
138 100  
92 47.1 31.7 71.7  
108 60.7 52.6 92.6



#62  
Azobenzene  
Concen: 37.93 ng  
RT: 10.73 min Scan# 756  
Delta R.T. -0.01 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Tgt Ion: 77 Resp: 1065308  
Ion Ratio Lower Upper  
77 100  
182 17.0 0.0 39.3  
105 22.1 2.3 42.3  
51 34.2 8.9 48.9

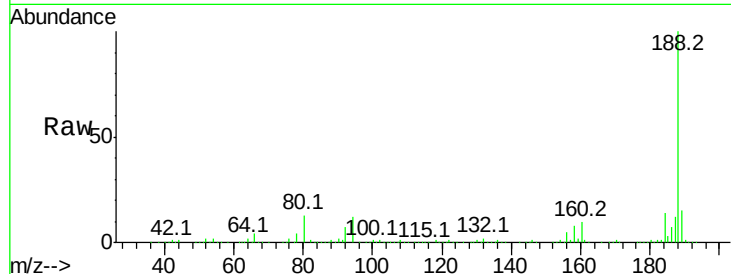




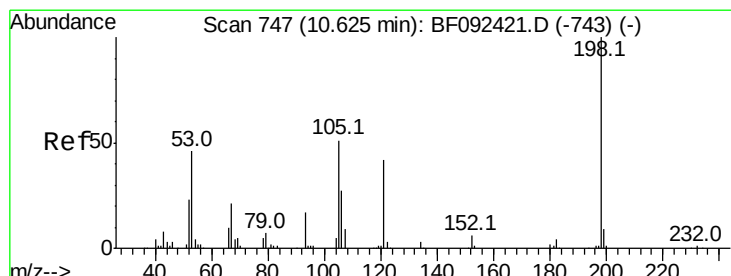
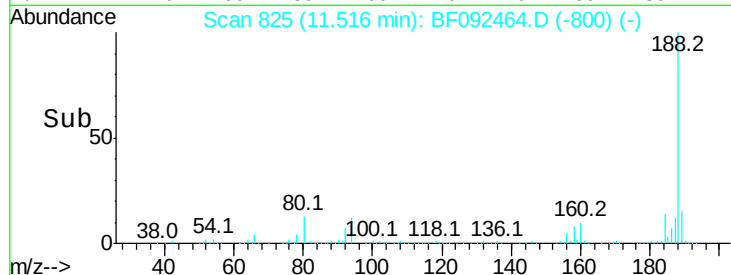
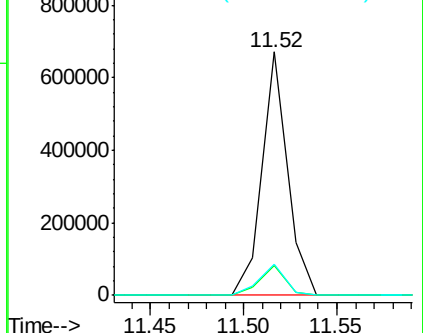
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.52 min Scan# 825  
Delta R.T. -0.01 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:188 Resp: 634982  
Ion Ratio Lower Upper  
188 100  
94 12.2 10.0 15.0  
80 12.8 11.2 16.8

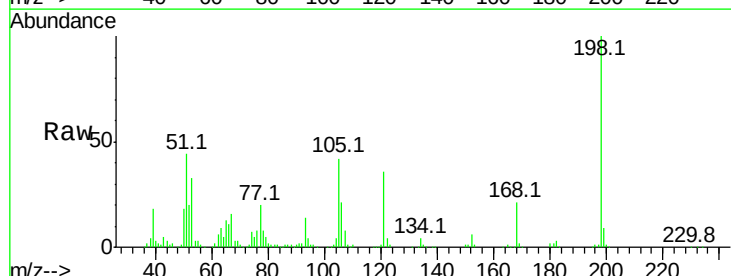


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

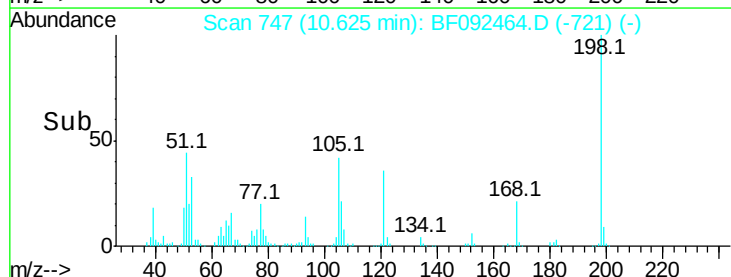
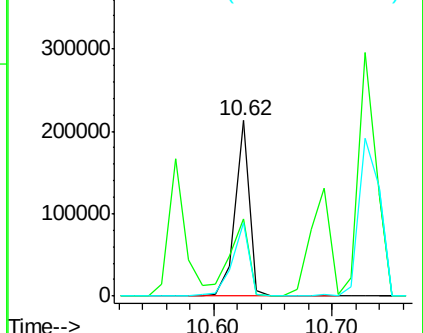


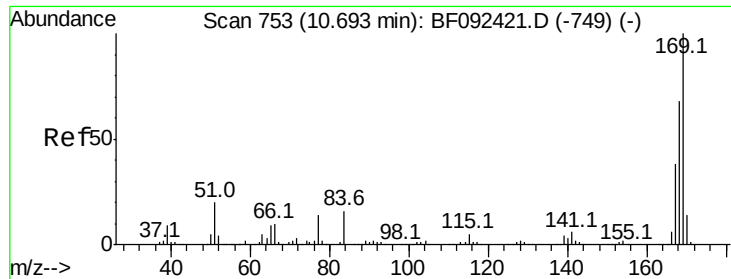
#64  
4,6-Dinitro-2-methylphenol  
Concen: 51.73 ng  
RT: 10.62 min Scan# 747  
Delta R.T. 0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Tgt Ion:198 Resp: 178468  
Ion Ratio Lower Upper  
198 100  
51 43.6 6.7 46.7  
105 41.9 16.6 56.6



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

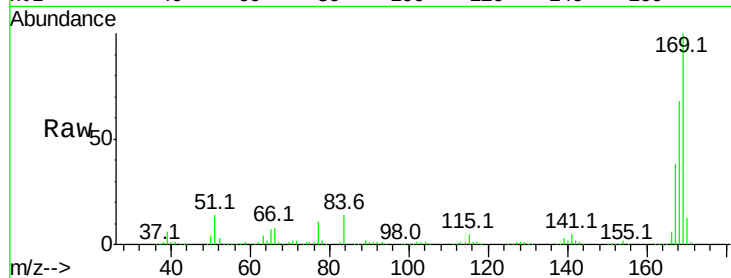




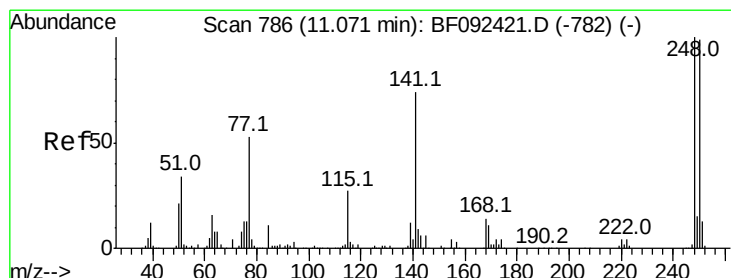
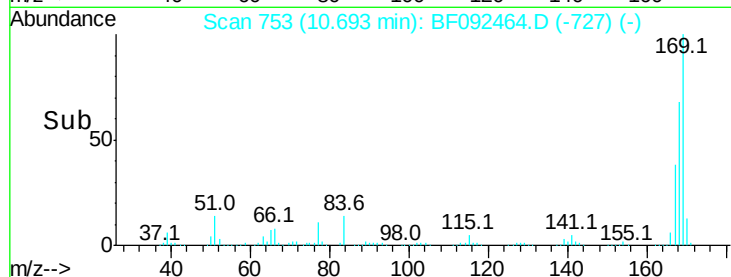
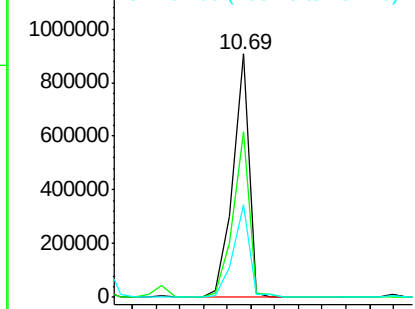
#65  
 n-Nitrosodiphenylamine  
 Concen: 43.30 ng  
 RT: 10.69 min Scan# 753  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:169 Resp: 858690  
 Ion Ratio Lower Upper  
 169 100  
 168 67.9 54.2 81.2  
 167 38.1 30.2 45.4

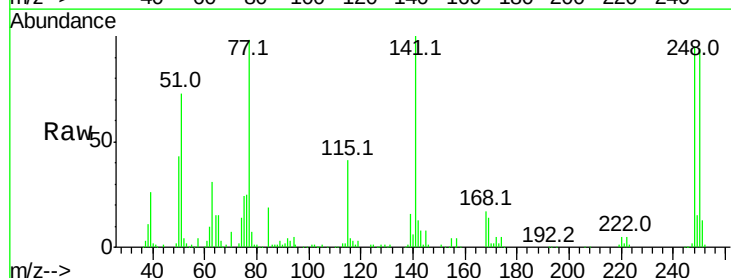


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

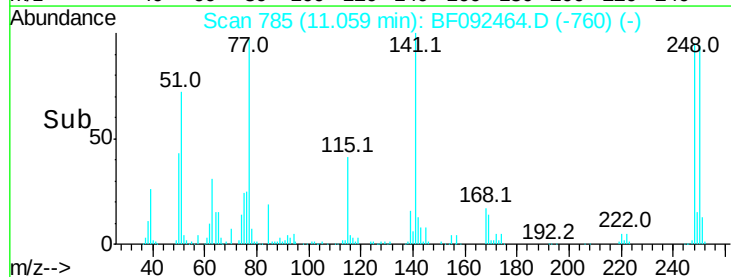
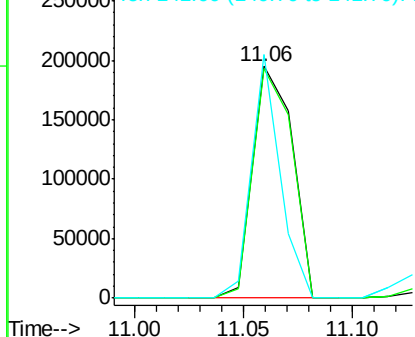


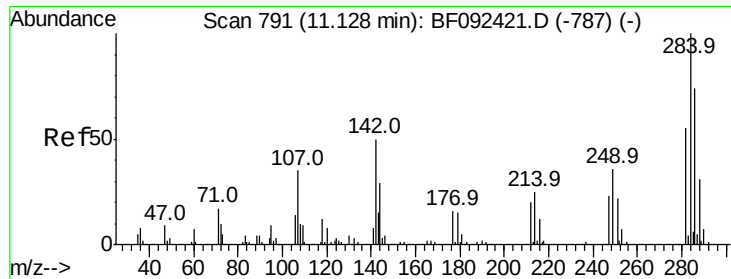
#66  
 4-Bromophenyl-phenylether  
 Concen: 38.77 ng  
 RT: 11.06 min Scan# 785  
 Delta R.T. -0.01 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

Tgt Ion:248 Resp: 248581  
 Ion Ratio Lower Upper  
 248 100  
 250 99.1 76.9 115.3  
 141 105.2 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

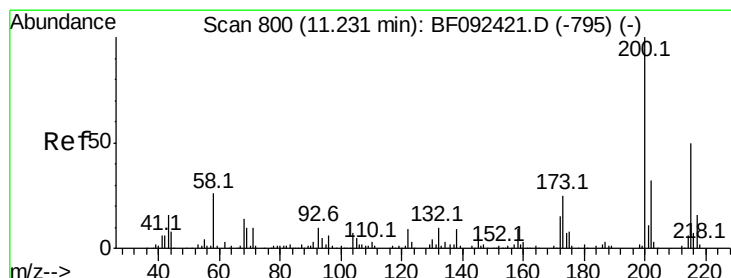
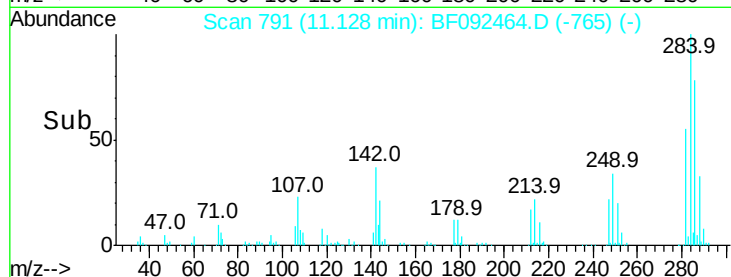
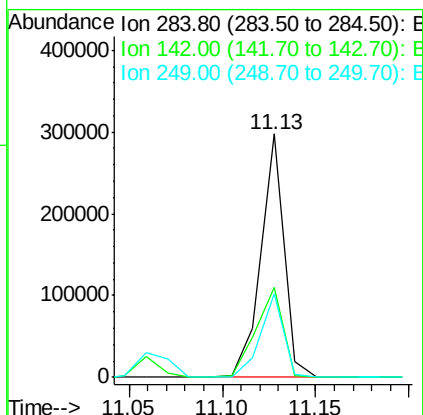
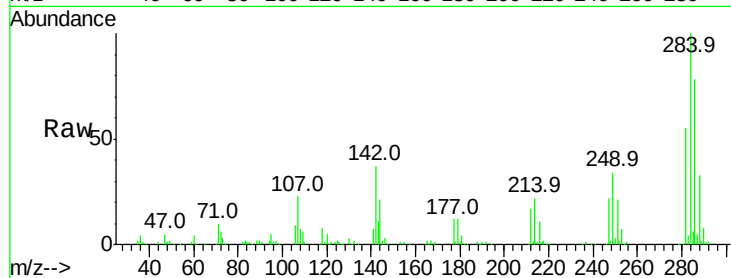




#67  
Hexachlorobenzene  
Concen: 40.04 ng  
RT: 11.13 min Scan# 791  
Delta R.T. -0.00 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

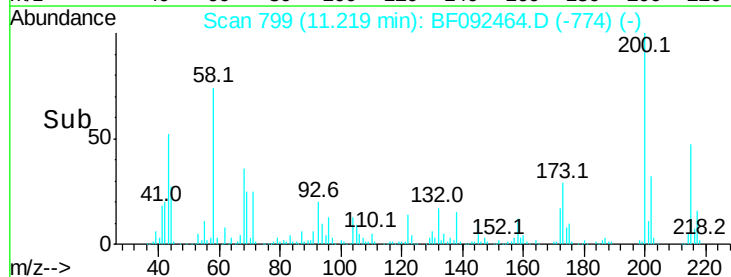
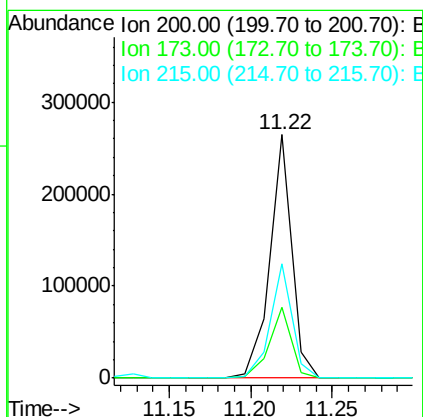
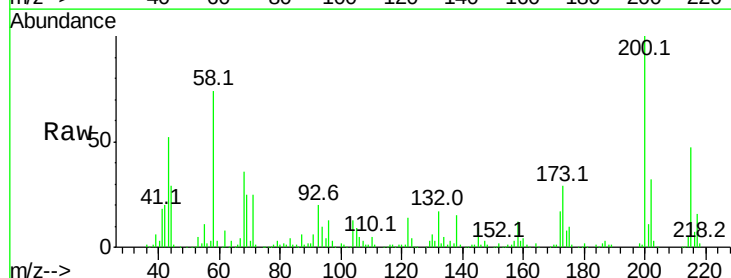
Instrument :  
BNA\_F  
ClientSampleId :

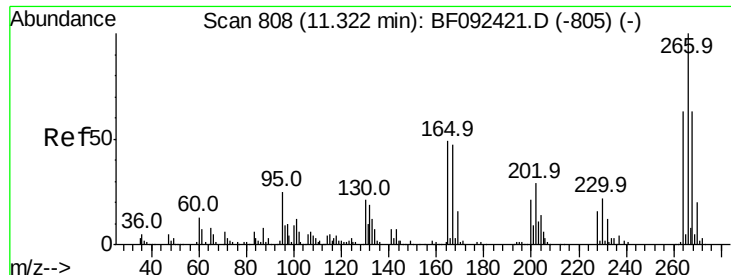
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 37.0  | 22.6  | 33.8# |
| 249     | 34.2  | 25.4  | 38.0  |



#68  
Atrazine  
Concen: 36.66 ng  
RT: 11.22 min Scan# 799  
Delta R.T. -0.01 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.2  | 9.6   | 49.6  |
| 215     | 46.8  | 25.7  | 65.7  |

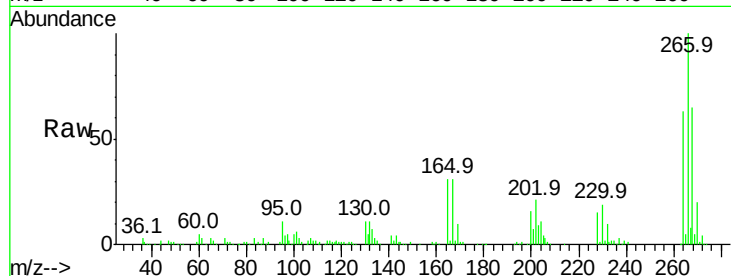




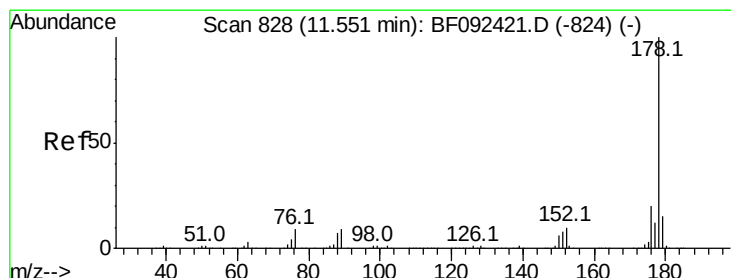
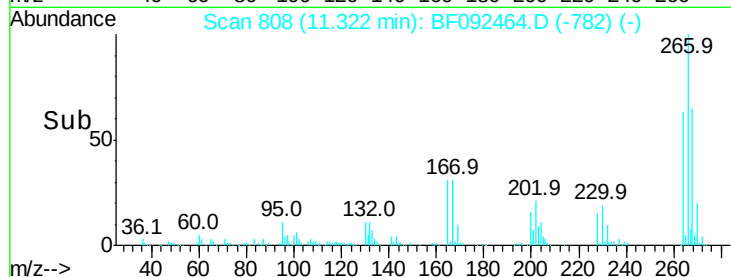
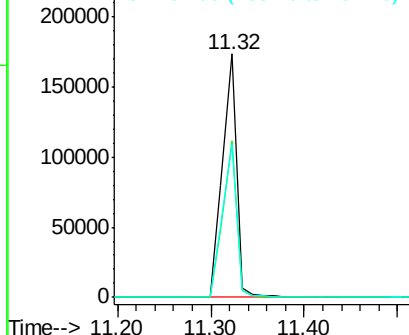
#69  
 Pentachlorophenol  
 Concen: 44.12 ng  
 RT: 11.32 min Scan# 808  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.5  | 53.3  | 79.9  |
| 264     | 62.8  | 50.3  | 75.5  |

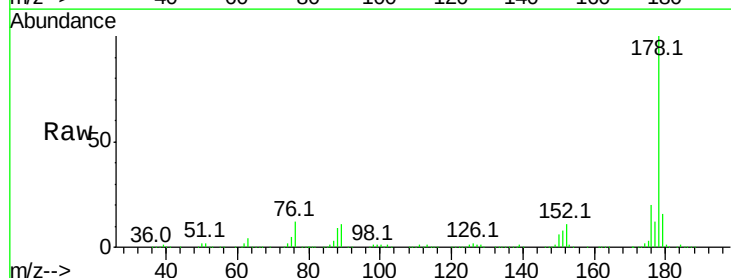


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

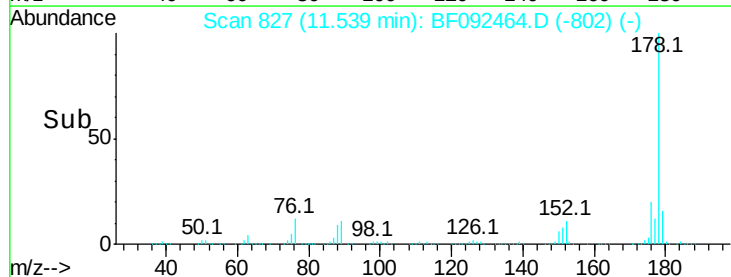
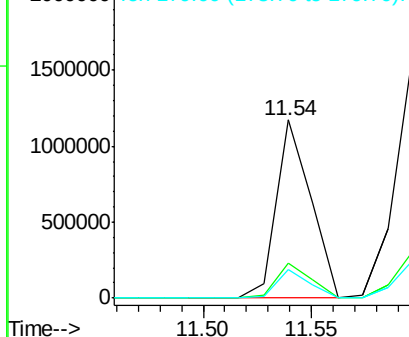


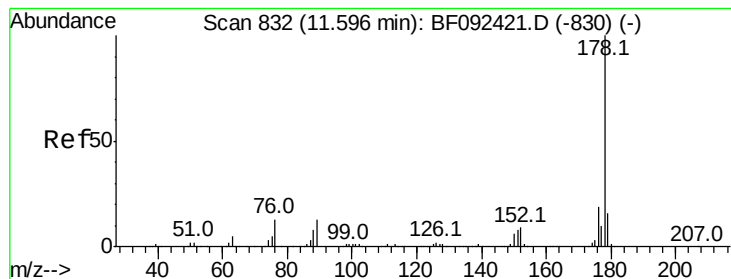
#70  
 Phenanthrene  
 Concen: 37.15 ng  
 RT: 11.54 min Scan# 827  
 Delta R.T. -0.01 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 16.6  | 25.0  |
| 179     | 16.0  | 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: 42.59 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA\_F

ClientSampleId :

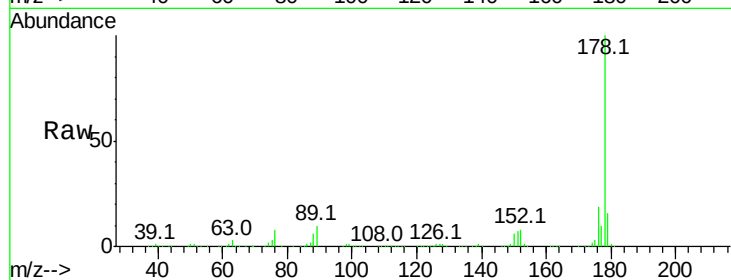
Tot Ion:178 Resp: 145536

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

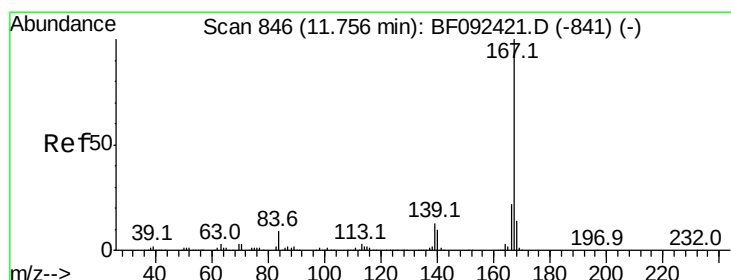
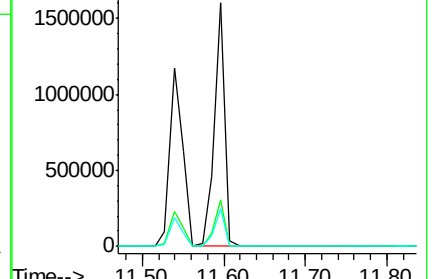
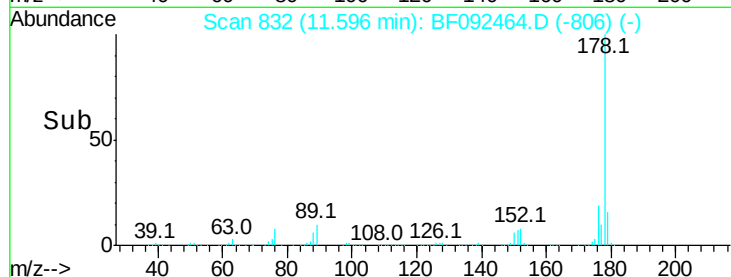
179 15.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.65 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

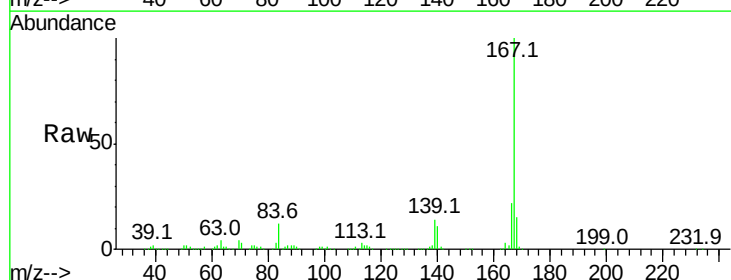
Tgt Ion:167 Resp: 1163142

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

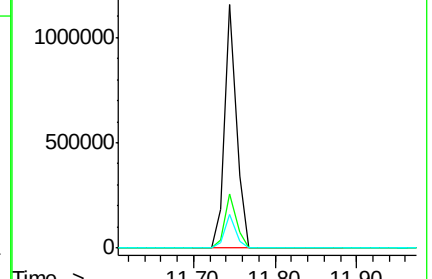
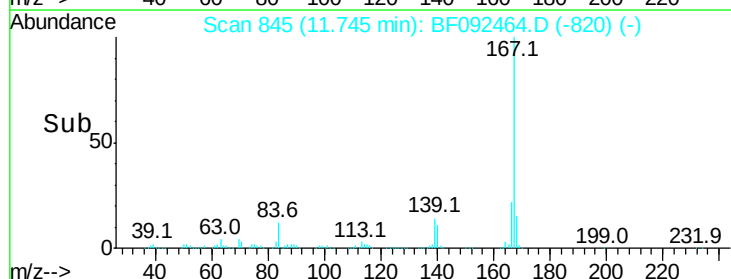
139 14.1 11.4 17.2



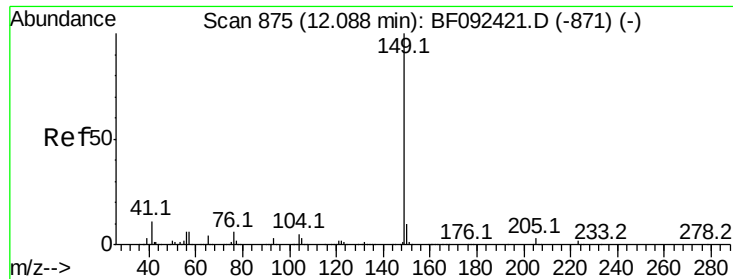
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 40.81 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA\_F

ClientSampleId :

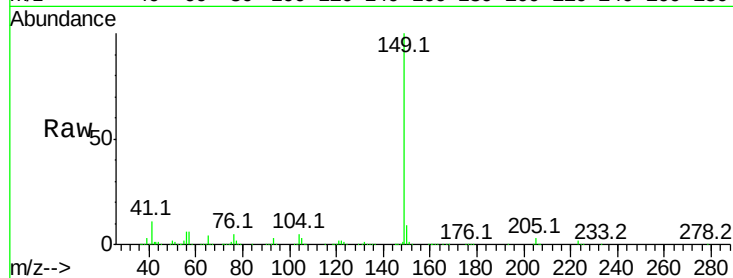
Tot Ion:149 Resp: 1522679

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

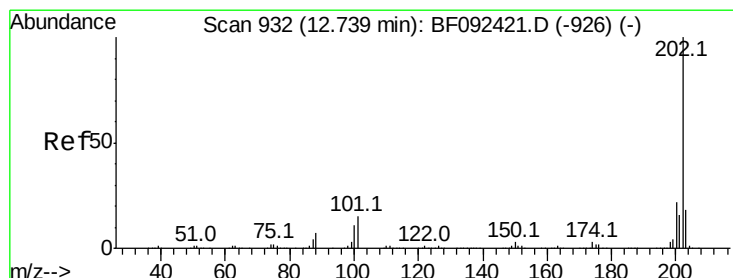
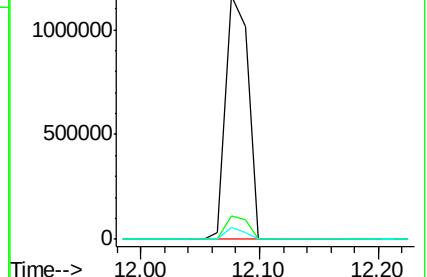
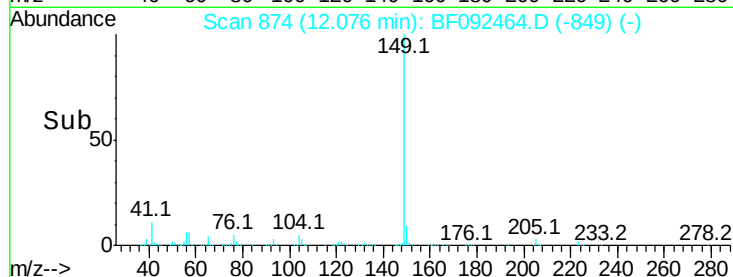
104 5.0 4.6 7.0



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: 38.23 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

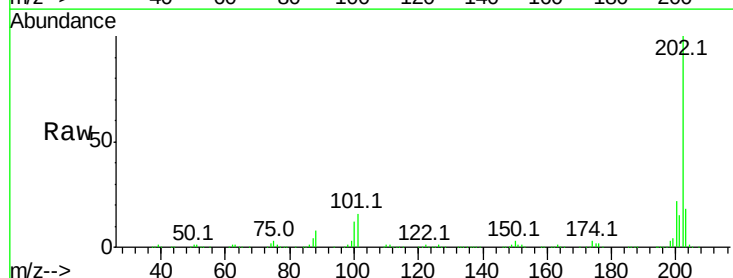
Tgt Ion:202 Resp: 1307628

Ion Ratio Lower Upper

202 100

101 15.5 0.0 34.6

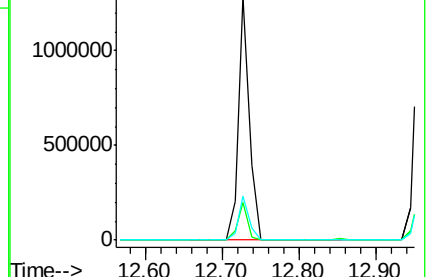
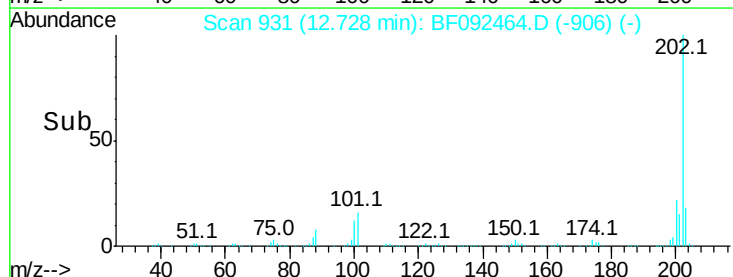
203 17.9 0.0 38.7

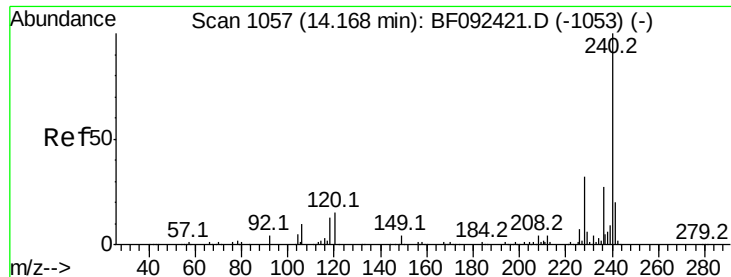


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA\_F

ClientSampleId :

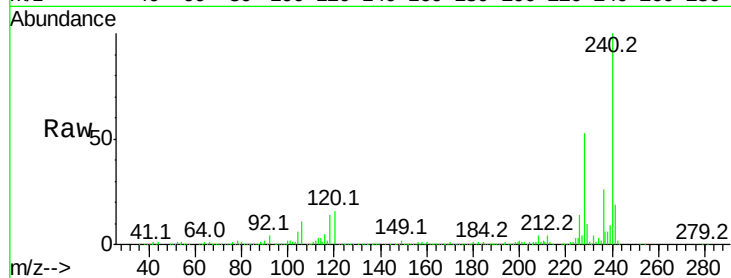
Tot Ion:240 Resp: 530796

Ion Ratio Lower Upper

240 100

120 16.1 12.9 19.3

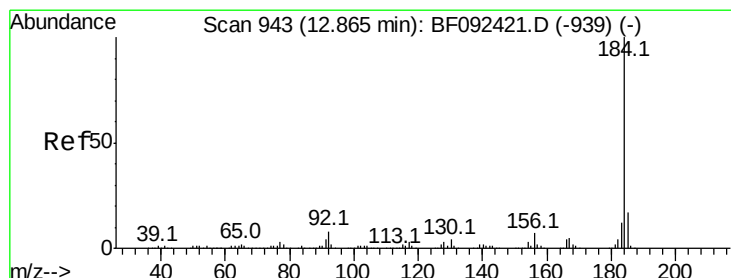
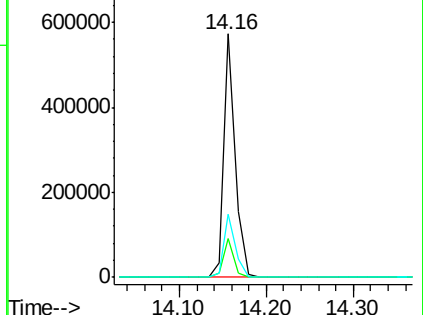
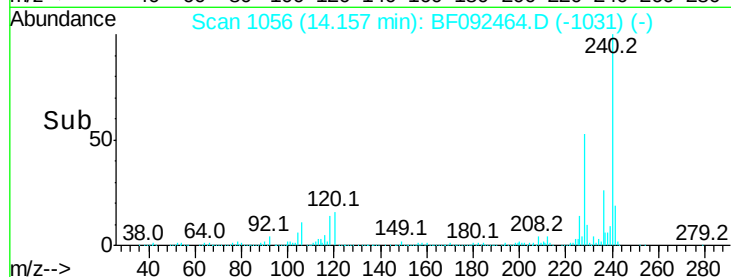
236 25.8 20.9 31.3



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: 43.84 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

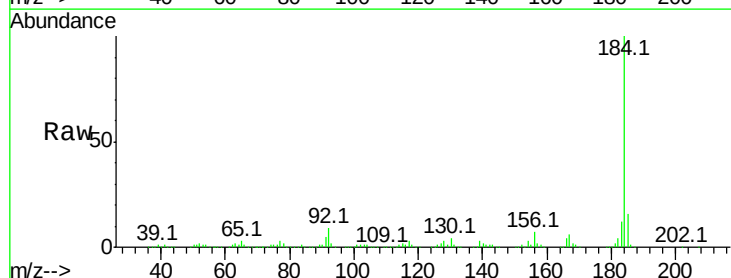
Tgt Ion:184 Resp: 863766

Ion Ratio Lower Upper

184 100

185 16.2 13.4 20.0

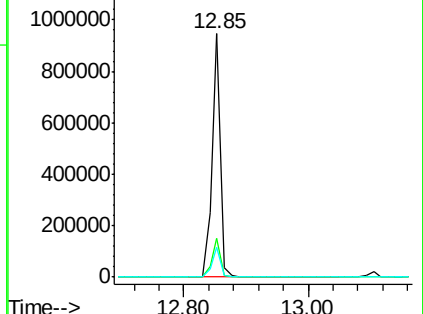
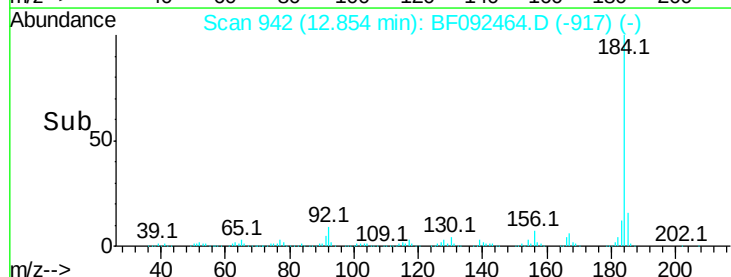
183 12.3 9.2 13.8

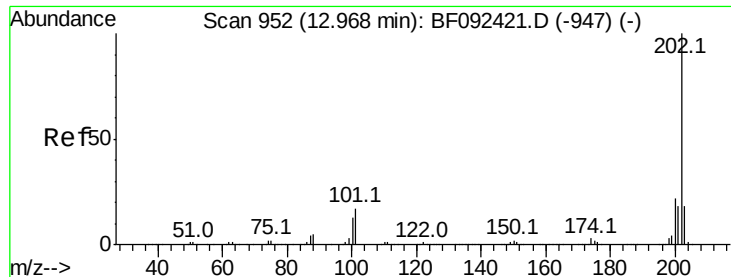


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

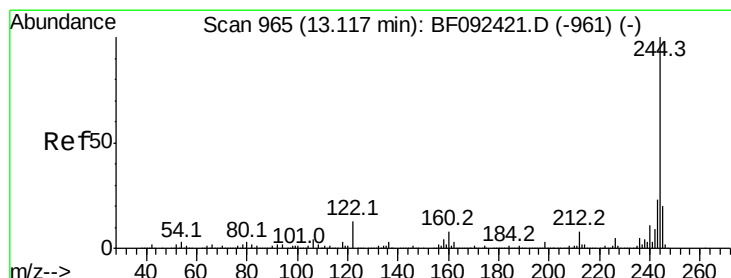
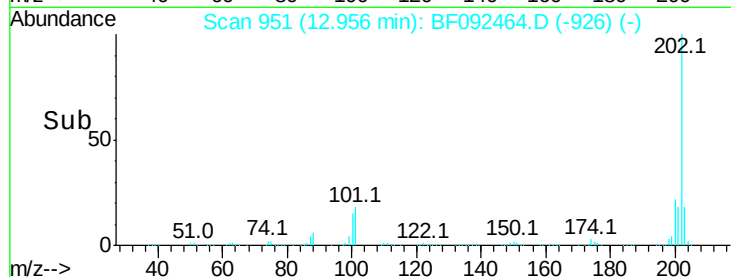
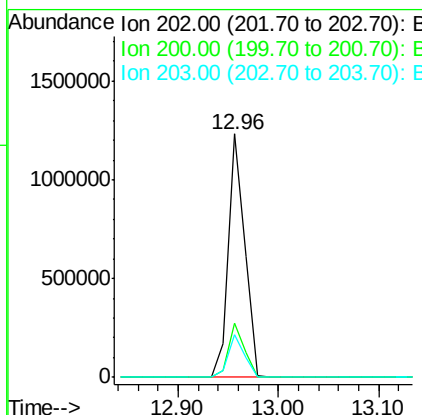
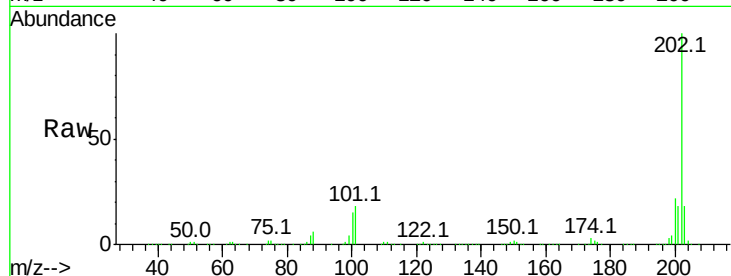




#77  
Pvrene  
Concen: 36.22 ng  
RT: 12.96 min Scan# 951  
Delta R.T. -0.01 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

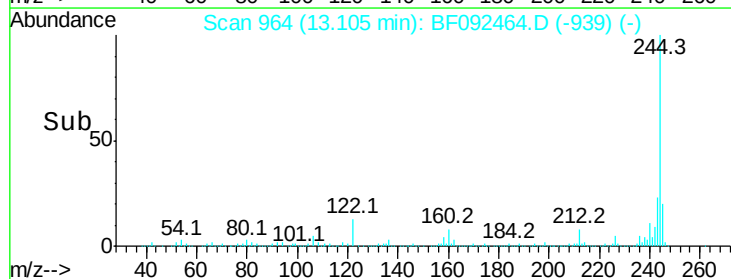
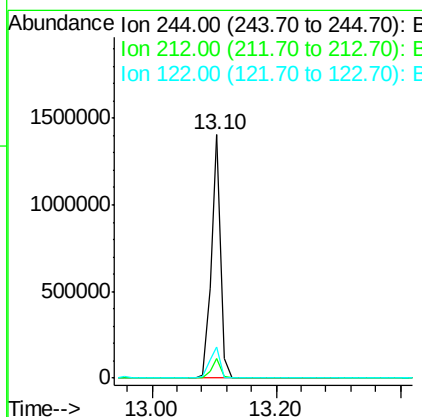
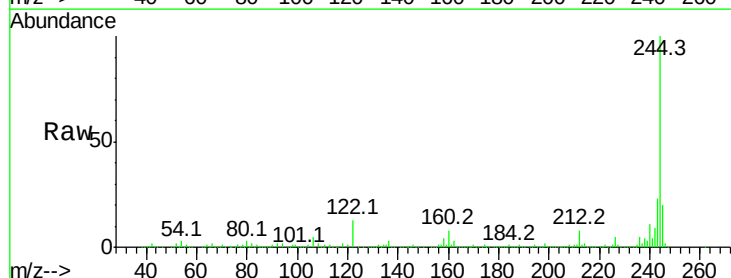
Instrument :  
BNA\_F  
ClientSampleId :

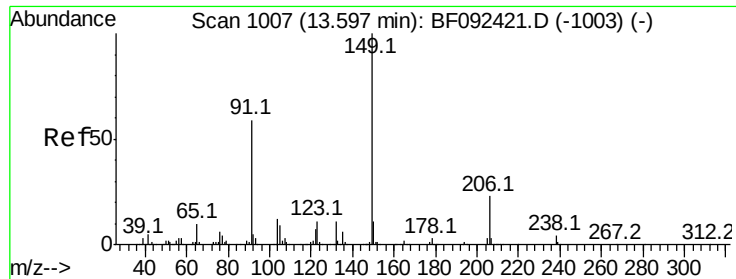
Tot Ion:202 Resp: 1392870  
Ion Ratio Lower Upper  
202 100  
200 22.1 17.7 26.5  
203 17.8 14.7 22.1



#78  
Terphenyl-d14  
Concen: 71.21 ng  
RT: 13.10 min Scan# 964  
Delta R.T. -0.01 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Tgt Ion:244 Resp: 1419468  
Ion Ratio Lower Upper  
244 100  
212 7.9 6.2 9.2  
122 12.9 11.4 17.2

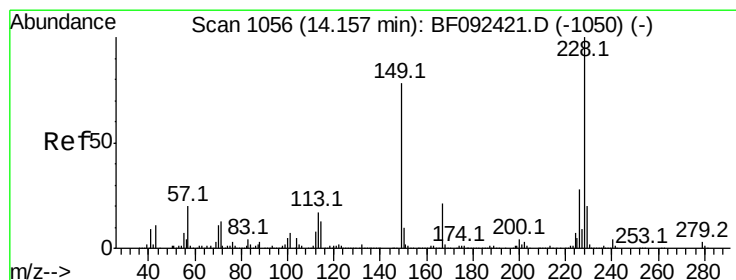
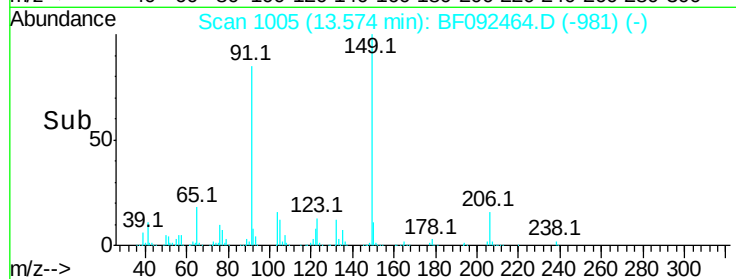
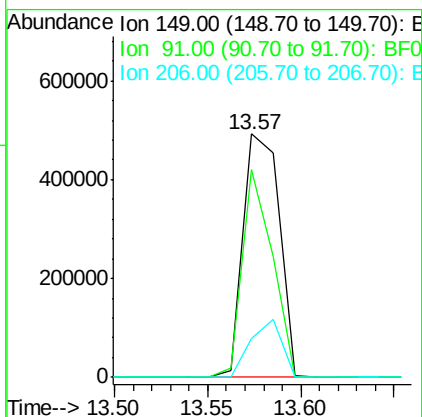
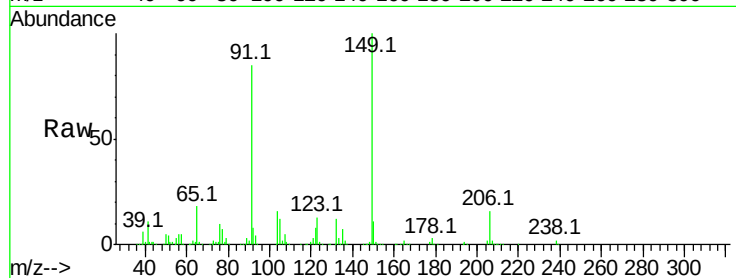




#79  
Butylbenzylphthalate  
Concen: 42.49 ng  
RT: 13.57 min Scan# 1005  
Delta R.T. -0.02 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

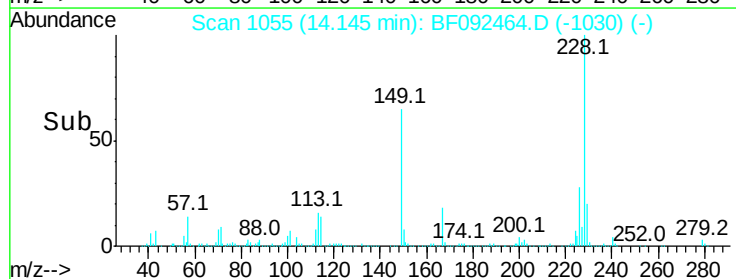
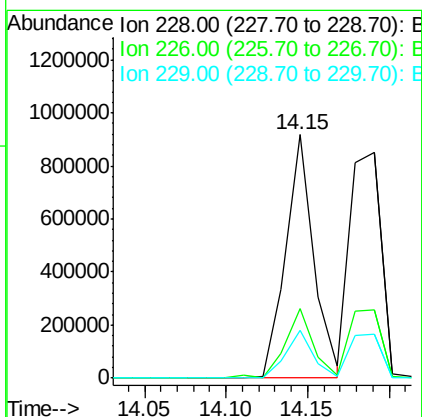
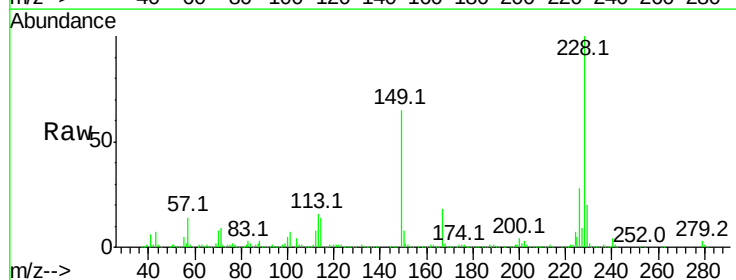
Instrument :  
BNA\_F  
ClientSampleId :

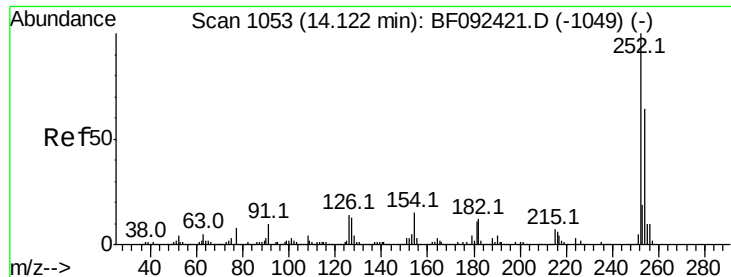
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 85.2  | 63.9  | 95.9  |
| 206     | 16.1  | 14.6  | 21.8  |



#80  
Benzo(a)anthracene  
Concen: 38.72 ng  
RT: 14.15 min Scan# 1055  
Delta R.T. -0.01 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.4  | 22.4  | 33.6  |
| 229     | 19.6  | 16.2  | 24.4  |

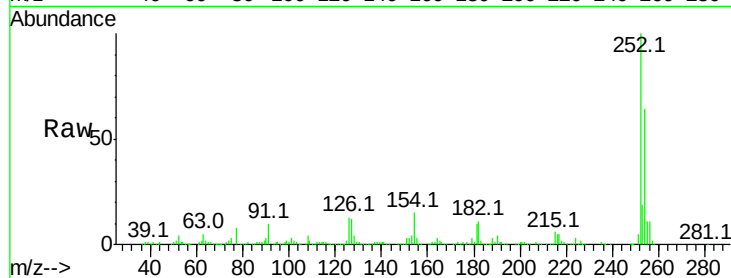




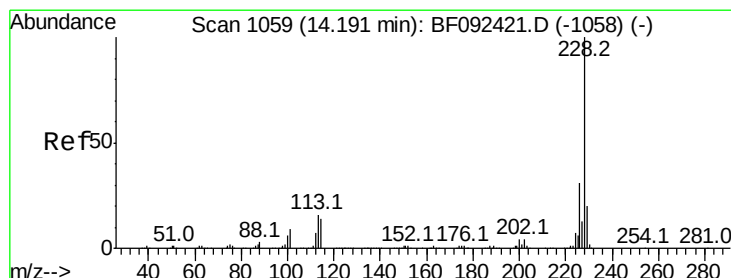
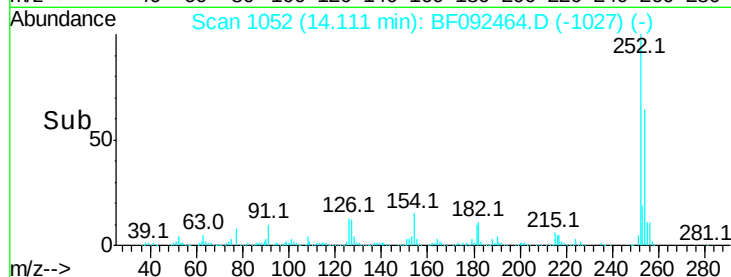
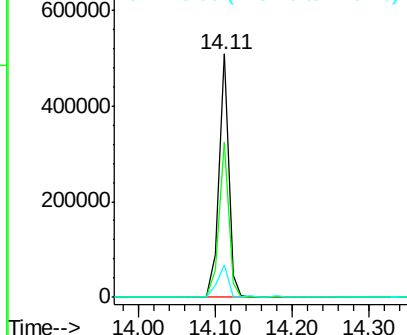
#81  
 3,3'-Dichlorobenzidine  
 Concen: 41.37 ng  
 RT: 14.11 min Scan# 1052  
 Delta R.T. -0.01 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:252 Resp: 448138  
 Ion Ratio Lower Upper  
 252 100  
 254 63.8 52.3 78.5  
 126 13.3 13.6 20.4#

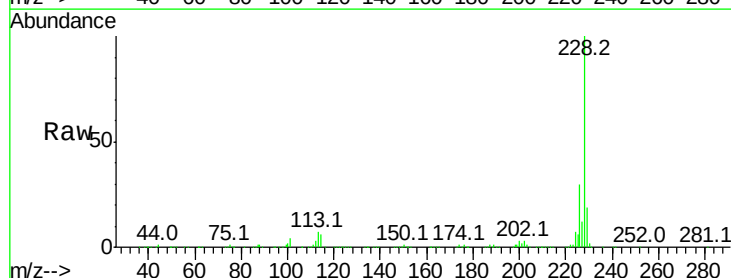


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

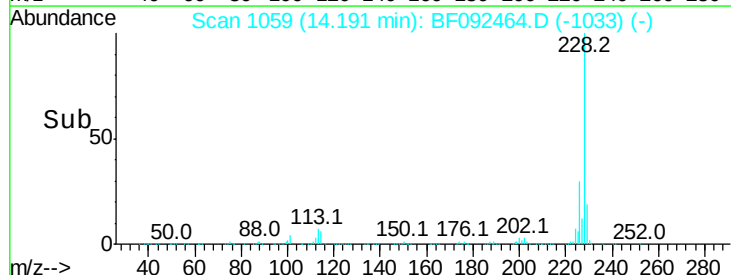
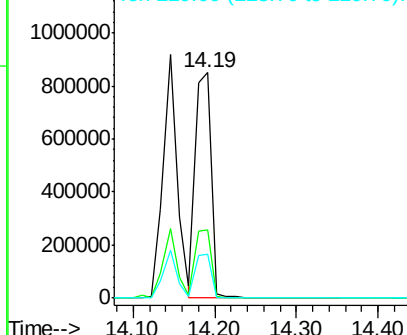


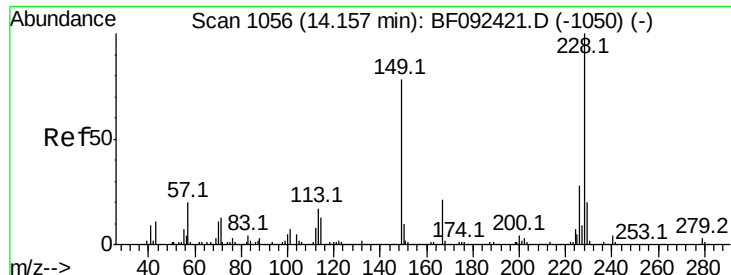
#82  
 Chrysene  
 Concen: 38.28 ng  
 RT: 14.19 min Scan# 1059  
 Delta R.T. -0.00 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

Tgt Ion:228 Resp: 1166341  
 Ion Ratio Lower Upper  
 228 100  
 226 30.4 25.4 38.0  
 229 19.4 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

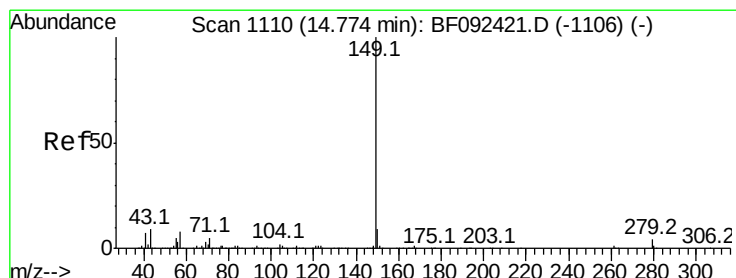
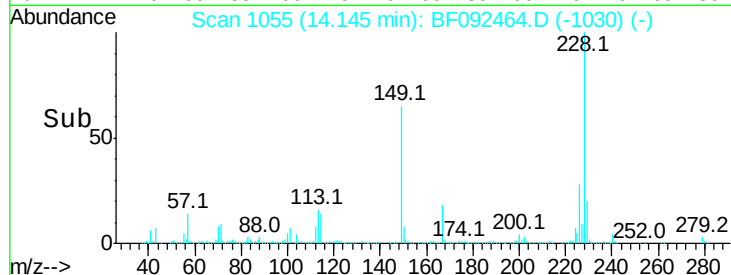
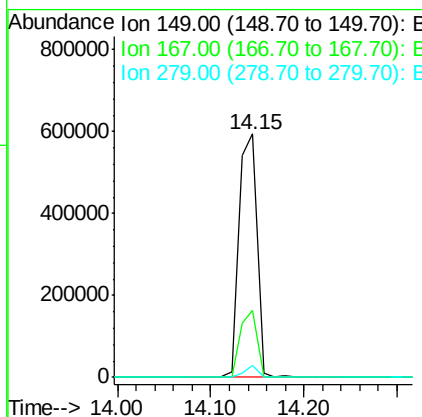
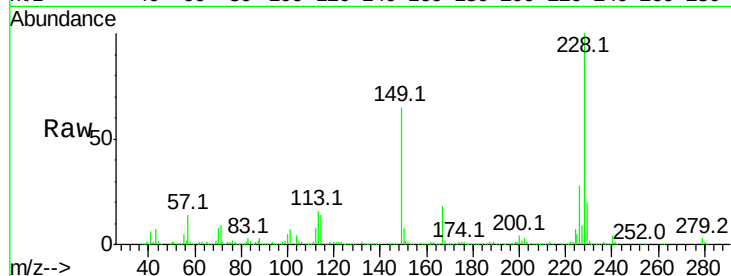




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.85 ng  
 RT: 14.15 min Scan# 1055  
 Delta R.T. -0.01 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

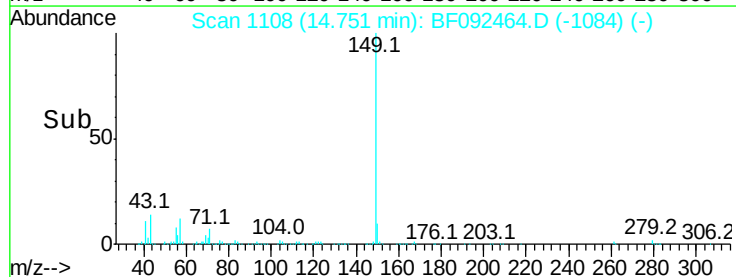
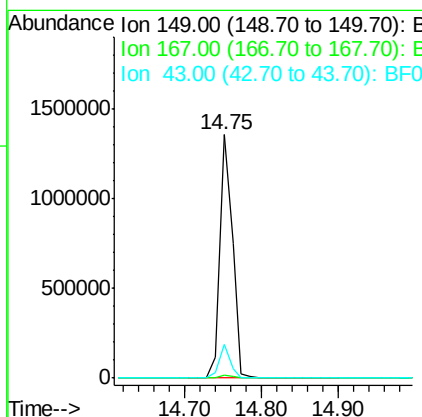
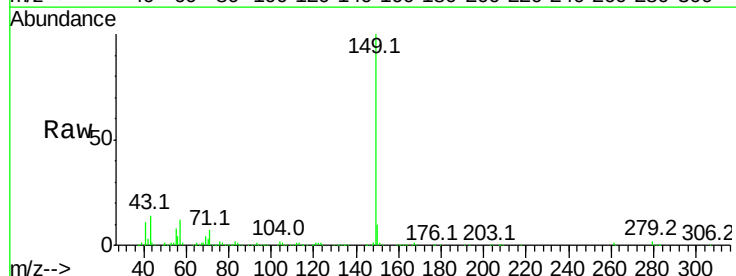
Instrument :  
 BNA\_F  
 ClientSampleId :

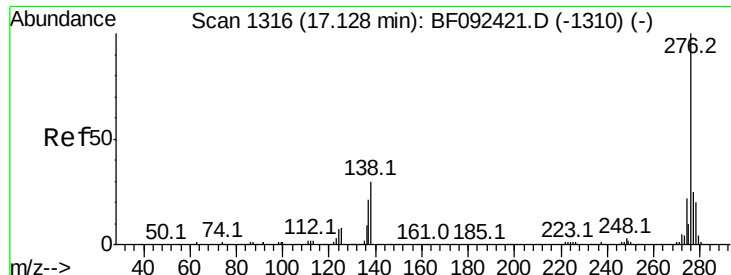
Tot Ion:149 Resp: 801655  
 Ion Ratio Lower Upper  
 149 100  
 167 27.8 20.2 30.4  
 279 4.7 1.8 2.8#



#84  
 Di-n-octyl phthalate  
 Concen: 43.71 ng  
 RT: 14.75 min Scan# 1108  
 Delta R.T. -0.02 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

Tgt Ion:149 Resp: 1557208  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.3 1.9  
 43 12.0 8.9 13.3

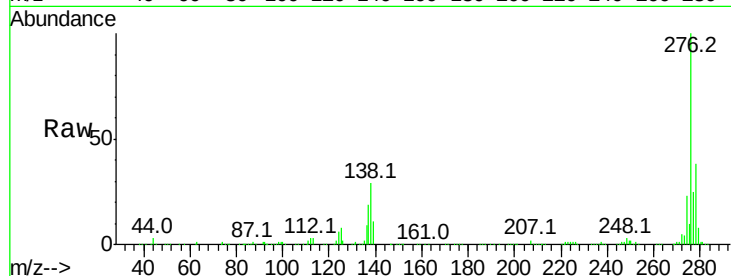




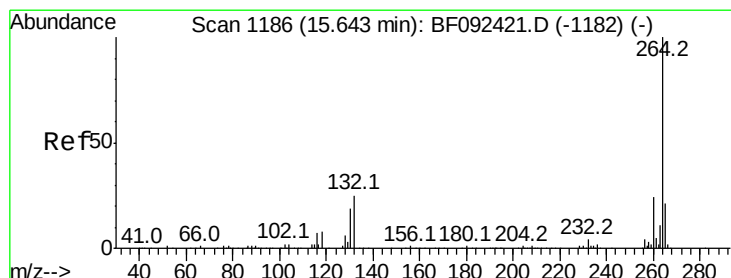
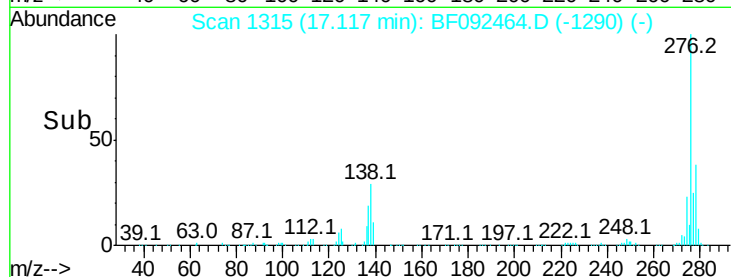
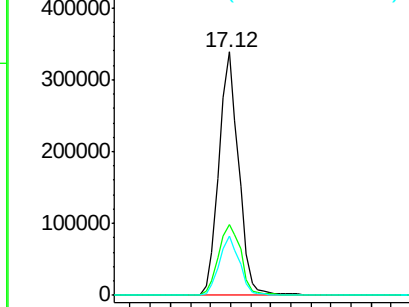
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.26 ng  
 RT: 17.12 min Scan# 1315  
 Delta R.T. -0.01 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 33.1  | 21.8  | 32.6# |
| 277     | 25.1  | 20.2  | 30.4  |

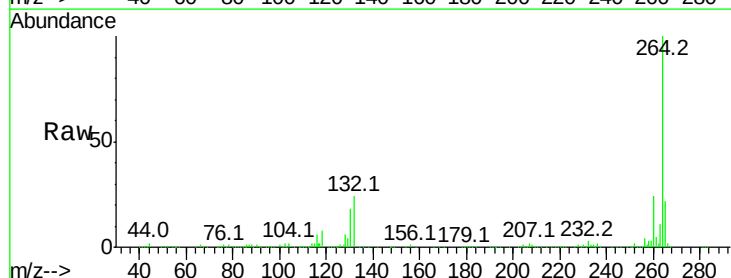


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

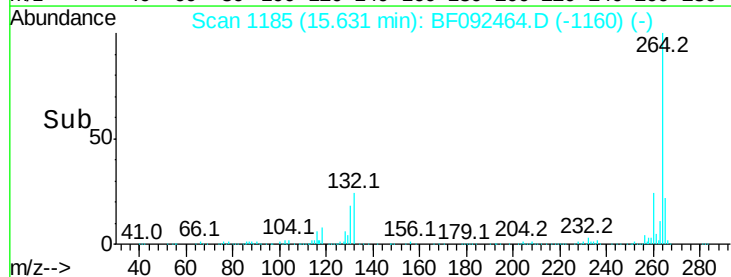
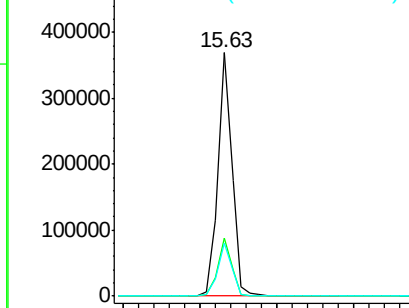


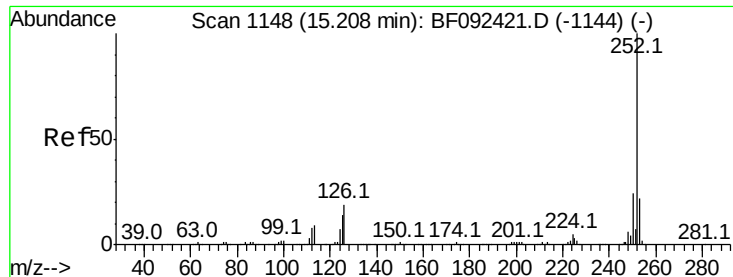
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.63 min Scan# 1185  
 Delta R.T. -0.01 min  
 Lab File: BF092464.D  
 Acq: 25 Jan 2017 9:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.2  | 28.8  |
| 265     | 21.8  | 17.4  | 26.0  |



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

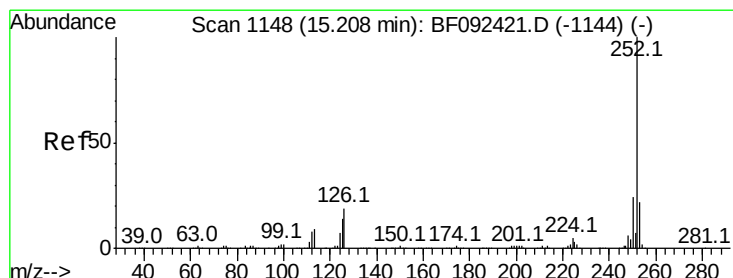
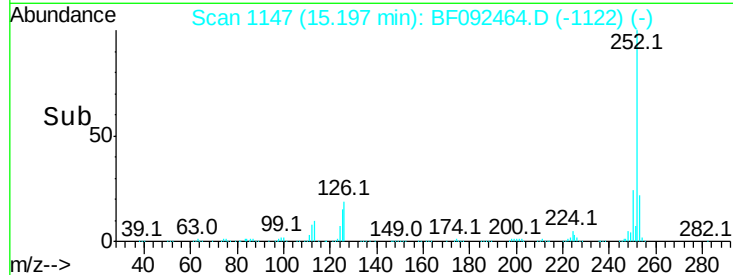
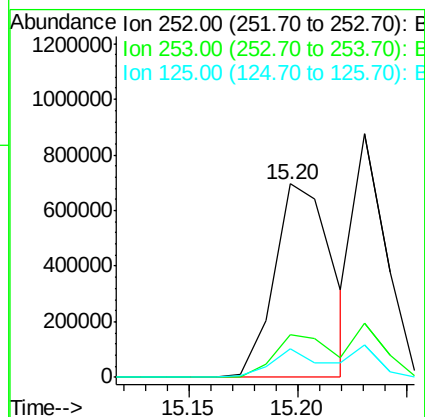
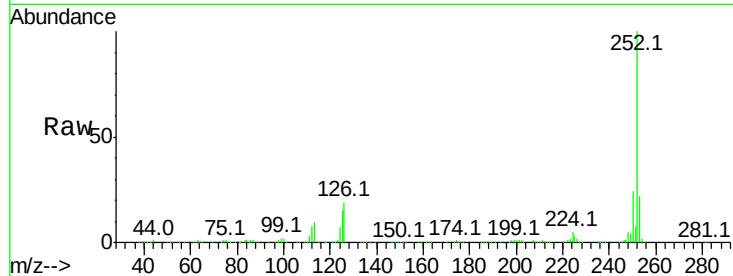




#87  
Benzo(b)fluoranthene  
Concen: 42.23 ng  
RT: 15.20 min Scan# 1147  
Delta R.T. -0.01 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

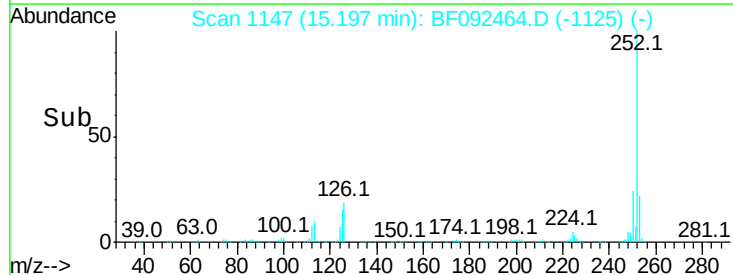
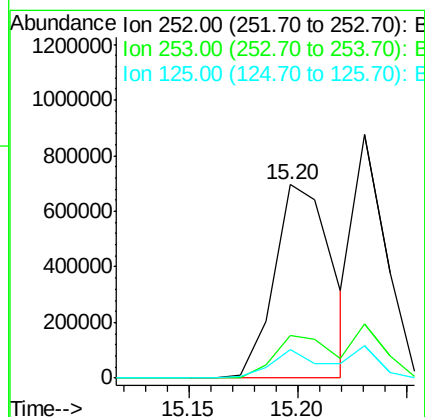
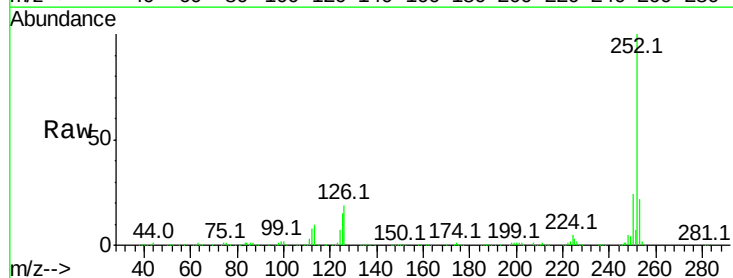
Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:252 Resp: 1282429  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.2 27.4  
125 14.5 9.8 14.6

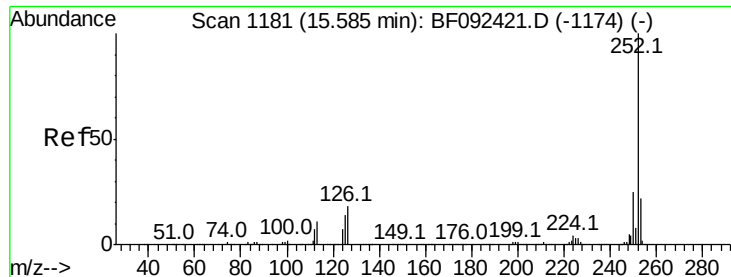


#88  
Benzo(k)fluoranthene  
Concen: 50.79 ng  
RT: 15.20 min Scan# 1147  
Delta R.T. -0.05 min  
Lab File: BF092464.D  
Acq: 25 Jan 2017 9:29

Tgt Ion:252 Resp: 1282429  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.5 27.7  
125 14.5 8.9 13.3#







#89

Benzo(a)pyrene

Concen: 39.97 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA\_F

ClientSampleId :

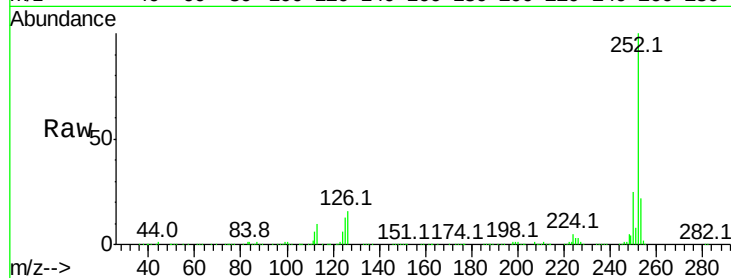
Tot Ion:252 Resp: 1026859

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

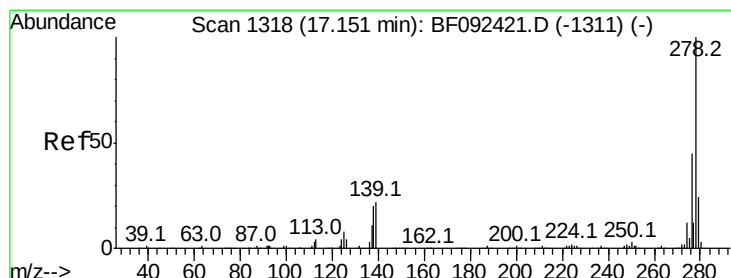
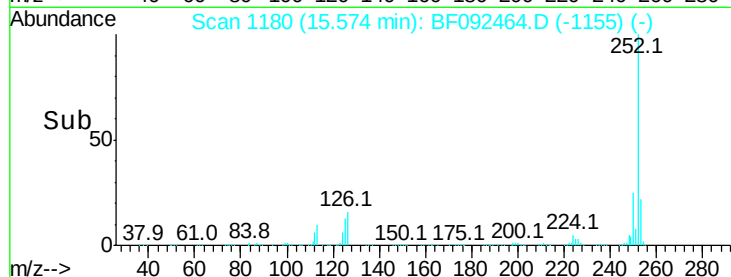
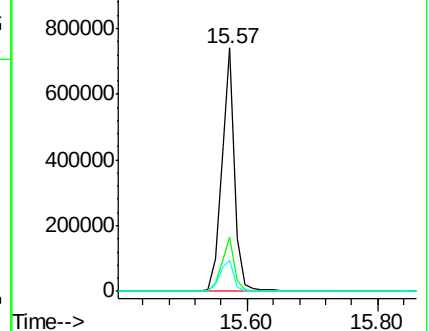
125 12.7 10.0 15.0



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: 39.40 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

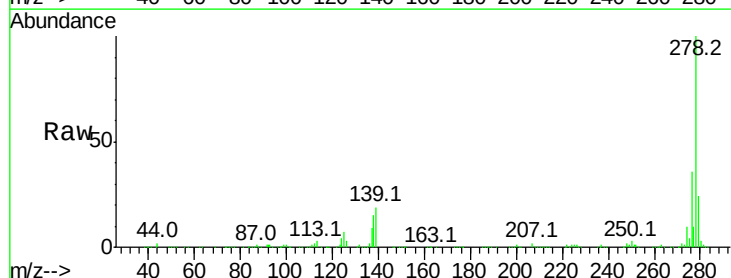
Tgt Ion:278 Resp: 818441

Ion Ratio Lower Upper

278 100

139 18.7 14.8 22.2

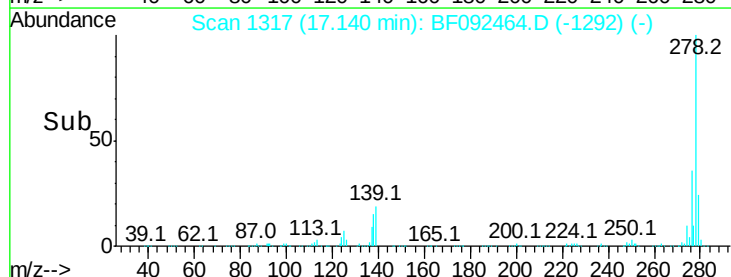
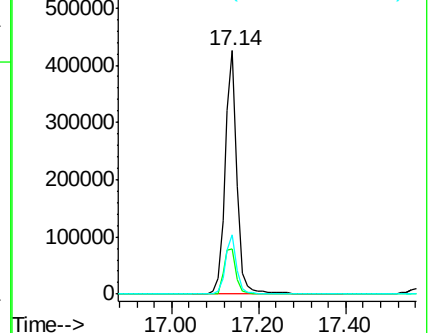
279 24.2 19.8 29.6

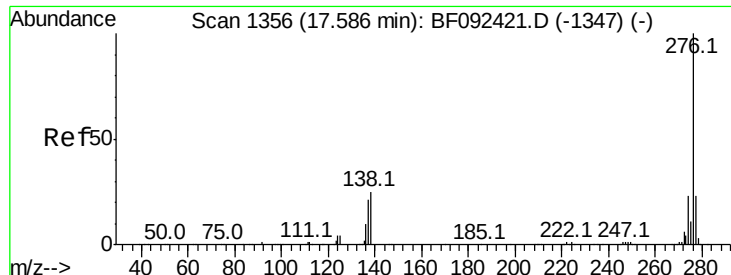


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.07 ng

RT: 17.56 min Scan# 1354

Delta R.T. -0.02 min

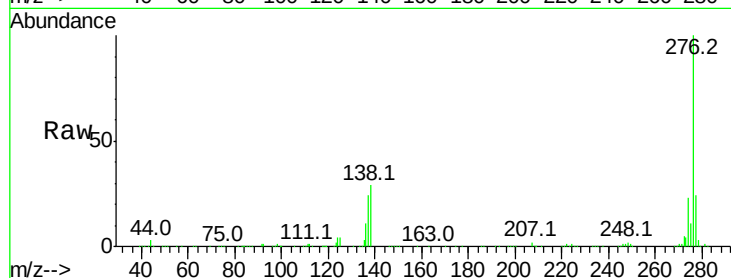
Lab File: BF092464.D

Acq: 25 Jan 2017 9:29

Instrument :

BNA\_F

ClientSampleId :



Tot Ion: 276 Resp: 799840

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 29.1 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

