

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF100716\  
 Data File : BF090457.D  
 Acq On : 7 Oct 2016 21:29  
 Operator : UM/SJ  
 Sample : PB93841BSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93841BSD

Quant Time: Oct 08 00:01:41 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF100516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 05 14:57:00 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.99  | 152  | 241529   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.28  | 136  | 1058266  | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 10.04 | 164  | 524340   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.53 | 188  | 787576   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 14.18 | 240  | 513935   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.68 | 264  | 379921   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 1084313 | 67.00 | ng | 0.00  |
| 7) Phenol-d6             | 6.62  | 99  | 1467935 | 69.26 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.55  | 82  | 1505543 | 69.20 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.83 | 330 | 322563  | 75.66 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 9.35  | 172 | 2413733 | 76.70 | ng | -0.02 |
| 78) Terphenyl-d14        | 13.11 | 244 | 1933050 | 84.56 | ng | -0.02 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.77 | 88  | 228515  | 28.64 | ng | # 87   |
| 3) Pyridine                    | 3.53 | 79  | 677315  | 30.45 | ng | # 79   |
| 4) n-Nitrosodimethylamine      | 3.48 | 42  | 276451  | 30.12 | ng | # 46   |
| 6) Aniline                     | 6.65 | 93  | 467677  | 15.97 | ng | # 87   |
| 8) 2-Chlorophenol              | 6.77 | 128 | 634212  | 35.61 | ng | 91     |
| 9) Benzaldehyde                | 6.53 | 77  | 274250  | 25.60 | ng | 99     |
| 10) Phenol                     | 6.63 | 94  | 740341  | 30.04 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.71 | 93  | 629984  | 33.39 | ng | 90     |
| 12) 1,3-Dichlorobenzene        | 6.93 | 146 | 667161  | 37.58 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.00 | 146 | 633248  | 35.12 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.16 | 146 | 632448  | 36.40 | ng | 98     |
| 15) Benzyl Alcohol             | 7.13 | 79  | 598780  | 37.16 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.26 | 45  | 910164  | 28.44 | ng | 89     |
| 17) 2-Methylphenol             | 7.25 | 107 | 571085  | 38.99 | ng | 99     |
| 18) Hexachloroethane           | 7.50 | 117 | 232229  | 32.67 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.40 | 70  | 485339  | 31.23 | ng | # 81   |
| 20) 3+4-Methylphenols          | 7.40 | 107 | 690510  | 36.42 | ng | # 80   |
| 22) Acetophenone               | 7.40 | 105 | 905875  | 36.14 | ng | # 94   |
| 24) Nitrobenzene               | 7.57 | 77  | 737536  | 34.15 | ng | 98     |
| 25) Isophorone                 | 7.81 | 82  | 1330216 | 33.44 | ng | 99     |
| 26) 2-Nitrophenol              | 7.89 | 139 | 359347  | 38.66 | ng | # 89   |
| 27) 2,4-Dimethylphenol         | 7.93 | 122 | 603453  | 33.38 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 8.02 | 93  | 833882  | 35.45 | ng | # 96   |
| 29) 2,4-Dichlorophenol         | 8.14 | 162 | 490538  | 35.69 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.22 | 180 | 540217  | 38.13 | ng | 95     |
| 31) Naphthalene                | 8.30 | 128 | 1933607 | 37.87 | ng | 98     |
| 32) Benzoic acid               | 8.05 | 122 | 434349  | 34.56 | ng | 97     |
| 33) 4-Chloroaniline            | 8.35 | 127 | 189748  | 8.99  | ng | # 89   |
| 34) Hexachlorobutadiene        | 8.42 | 225 | 274493  | 34.68 | ng | 99     |
| 35) Caprolactam                | 8.73 | 113 | 190576  | 41.24 | ng | # 67   |
| 36) 4-Chloro-3-methylphenol    | 8.84 | 107 | 640906  | 37.24 | ng | 94     |
| 37) 2-Methylnaphthalene        | 8.99 | 142 | 1166239 | 37.74 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.16 | 216 | 522502  | 37.80 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.15 | 237 | 361886  | 47.76 | ng | 100    |

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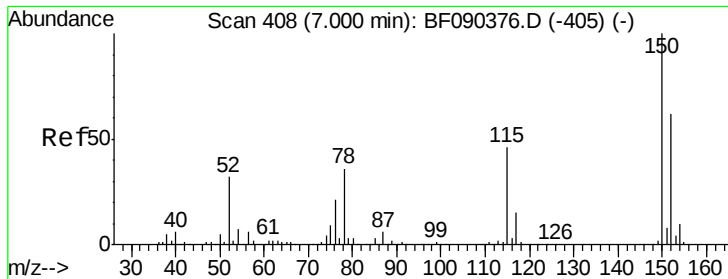
Instrument :  
 BNA\_F  
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Quant Time: Oct 08 00:01:41 2016  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.27  | 196  | 376402   | 39.46 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.32  | 196  | 394214   | 43.70 | ng    | # 90     |
| 45) 1,1'-Biphenyl              | 9.46  | 154  | 1307517  | 33.65 | ng    | 95       |
| 46) 2-Chloronaphthalene        | 9.48  | 162  | 1095965  | 38.18 | ng    | 97       |
| 47) 2-Nitroaniline             | 9.58  | 65   | 434873   | 38.39 | ng    | # 77     |
| 48) Acenaphthylene             | 9.90  | 152  | 1735677  | 36.64 | ng    | 99       |
| 49) Dimethylphthalate          | 9.77  | 163  | 1406208  | 41.88 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.82  | 165  | 324435   | 43.52 | ng    | # 74     |
| 51) Acenaphthene               | 10.07 | 154  | 1074562  | 36.38 | ng    | 97       |
| 52) 3-Nitroaniline             | 9.98  | 138  | 174901   | 20.08 | ng    | 86       |
| 53) 2,4-Dinitrophenol          | 10.10 | 184  | 135386   | 40.73 | ng    | # 76     |
| 54) Dibenzofuran               | 10.25 | 168  | 1483560  | 38.81 | ng    | 94       |
| 55) 4-Nitrophenol              | 10.15 | 139  | 450746   | 59.15 | ng    | 97       |
| 56) 2,4-Dinitrotoluene         | 10.22 | 165  | 374971   | 37.79 | ng    | # 42     |
| 57) Fluorene                   | 10.59 | 166  | 1171198  | 36.46 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.37 | 232  | 283529   | 42.09 | ng    | # 87     |
| 59) Diethylphthalate           | 10.46 | 149  | 1381071  | 39.75 | ng    | 95       |
| 60) 4-Chlorophenyl-phenylether | 10.58 | 204  | 560780   | 38.39 | ng    | # 88     |
| 61) 4-Nitroaniline             | 10.60 | 138  | 273196   | 31.13 | ng    | 93       |
| 62) Azobenzene                 | 10.74 | 77   | 1494167  | 37.23 | ng    | 88       |
| 64) 4,6-Dinitro-2-methylphenol | 10.63 | 198  | 118633   | 25.22 | ng    | # 52     |
| 65) n-Nitrosodiphenylamine     | 10.70 | 169  | 1147398  | 43.48 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 11.07 | 248  | 318505   | 41.26 | ng    | # 79     |
| 67) Hexachlorobenzene          | 11.14 | 284  | 341087   | 39.67 | ng    | # 78     |
| 68) Atrazine                   | 11.23 | 200  | 318740   | 48.98 | ng    | 97       |
| 69) Pentachlorophenol          | 11.33 | 266  | 369737   | 72.25 | ng    | 99       |
| 70) Phenanthrene               | 11.56 | 178  | 1751395  | 43.43 | ng    | 97       |
| 71) Anthracene                 | 11.61 | 178  | 1598590  | 38.82 | ng    | 99       |
| 72) Carbazole                  | 11.77 | 167  | 1465594  | 38.30 | ng    | # 95     |
| 73) Di-n-butylphthalate        | 12.09 | 149  | 1941647  | 41.70 | ng    | 99       |
| 74) Fluoranthene               | 12.75 | 202  | 1540598  | 38.95 | ng    | 93       |
| 76) Benzidine                  | 12.86 | 184  | 569048   | 42.11 | ng    | 99       |
| 77) Pyrene                     | 12.98 | 202  | 1447829  | 42.25 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.59 | 149  | 742776   | 42.24 | ng    | # 88     |
| 80) Benzo(a)anthracene         | 14.17 | 228  | 1108071  | 38.43 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 14.13 | 252  | 325727   | 31.16 | ng    | # 98     |
| 82) Chrysene                   | 14.20 | 228  | 934399   | 35.21 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.15 | 149  | 922788   | 36.92 | ng    | # 98     |
| 84) Di-n-octyl phthalate       | 14.77 | 149  | 1341382  | 36.20 | ng    | # 90     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.18 | 276  | 841867   | 44.49 | ng    | 94       |
| 87) Benzo(b)fluoranthene       | 15.24 | 252  | 1010549  | 41.76 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 15.24 | 252  | 1010549  | 44.45 | ng    | # 94     |
| 89) Benzo(a)pyrene             | 15.62 | 252  | 872003   | 41.81 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 17.21 | 278  | 730789   | 41.18 | ng    | # 96     |
| 91) Benzo(g,h,i)perylene       | 17.64 | 276  | 661869   | 38.87 | ng    | 97       |

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



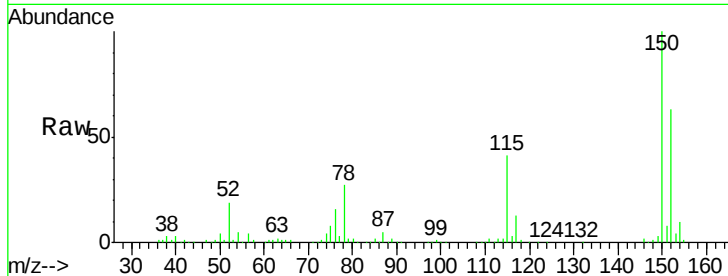


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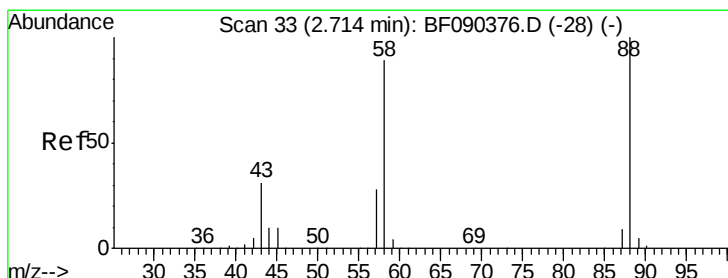
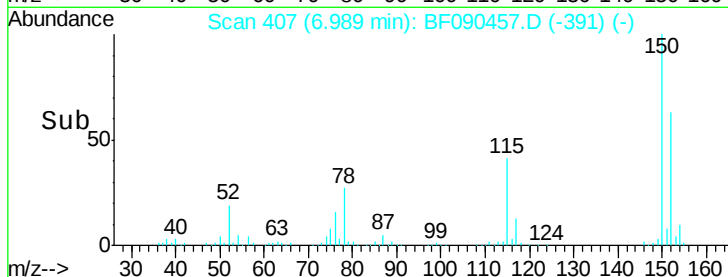
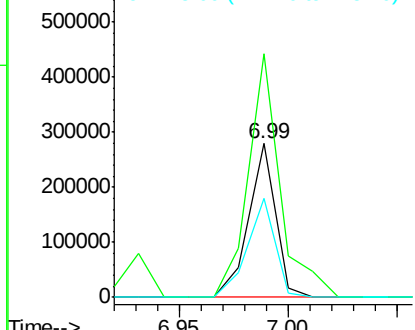
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.99 min Scan# 407  
Delta R.T. -0.01 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Instrument :  
BNA\_F  
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Tgt Ion: 152 Resp: 241529  
Ion Ratio Lower Upper  
152 100  
150 158.1 124.6 186.8  
115 64.2 46.2 69.4



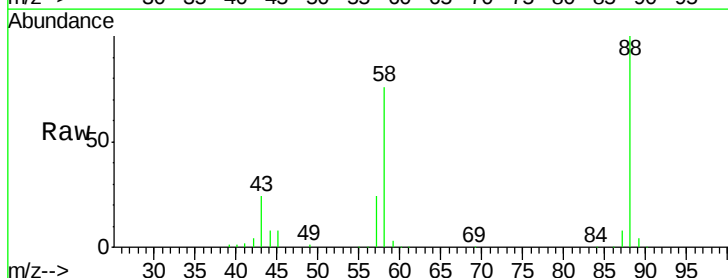
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



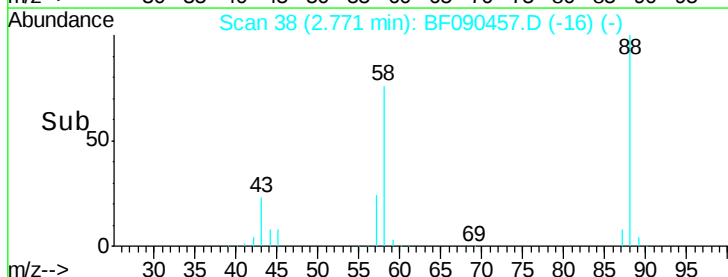
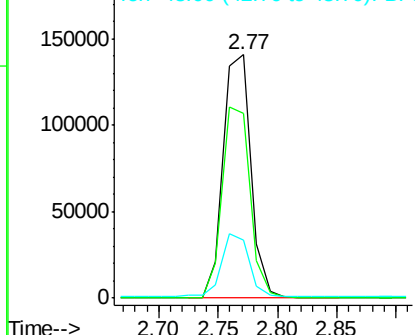
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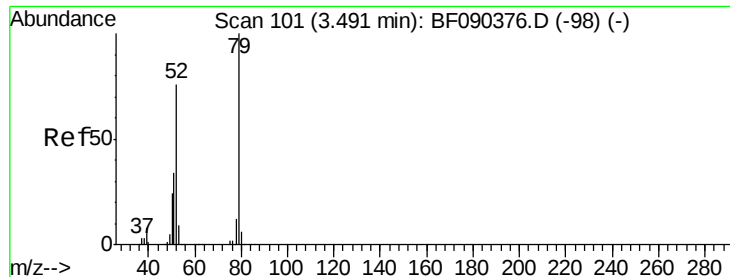
1,4-Dioxane  
Concen: 28.64 ng  
RT: 2.77 min Scan# 38  
Delta R.T. 0.06 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Tgt Ion: 88 Resp: 228515  
Ion Ratio Lower Upper  
88 100  
58 79.4 71.2 106.8  
43 25.7 29.8 44.6#



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





#3

Pyridine

Concen: 30.45 ng

RT: 3.53 min Scan# 104

Delta R.T. 0.03 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

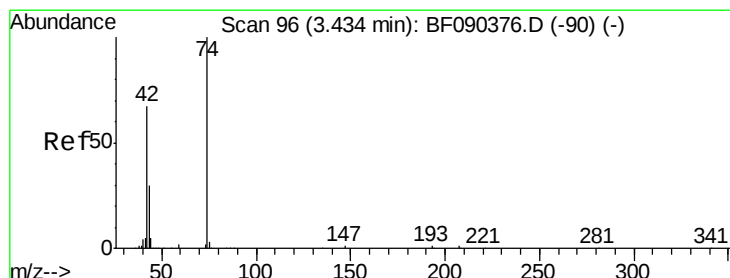
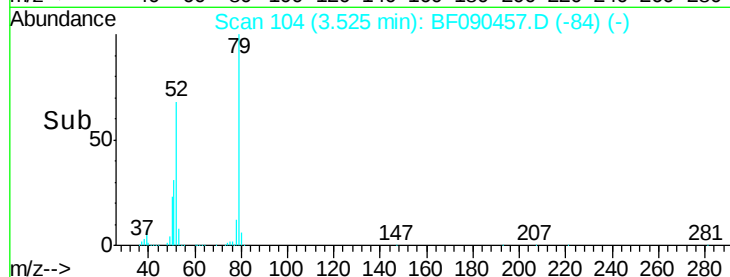
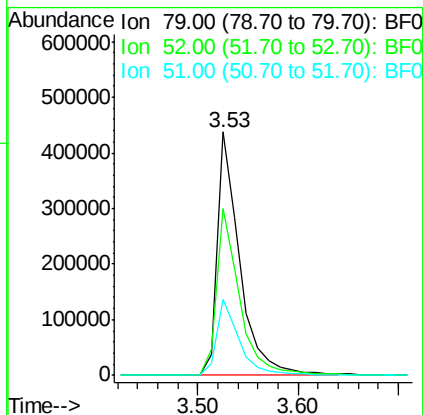
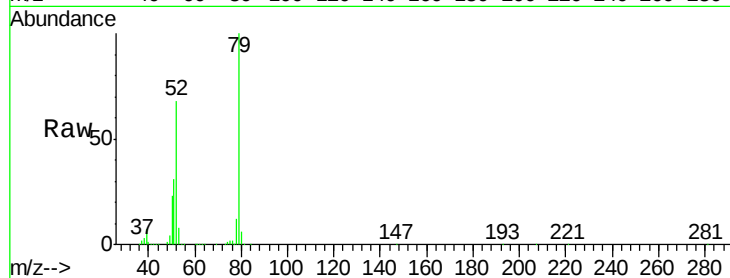
Tgt Ion: 79 Resp: 677315

Ion Ratio Lower Upper

79 100

52 68.4 71.3 106.9#

51 31.1 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 30.12 ng

RT: 3.48 min Scan# 100

Delta R.T. 0.05 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

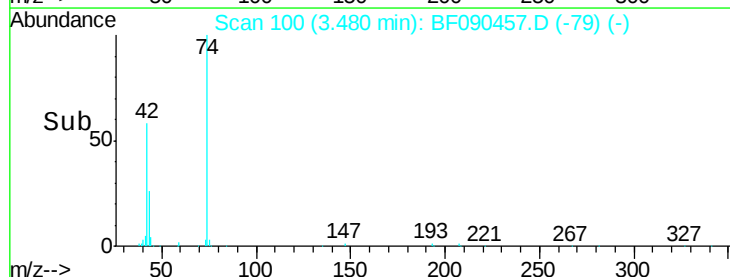
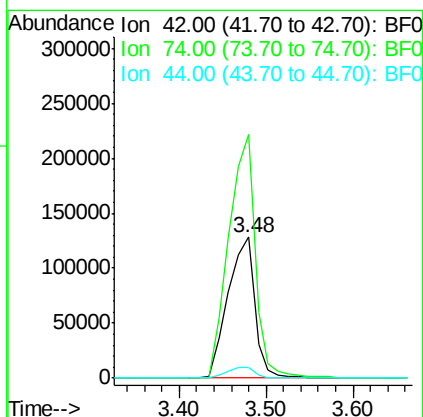
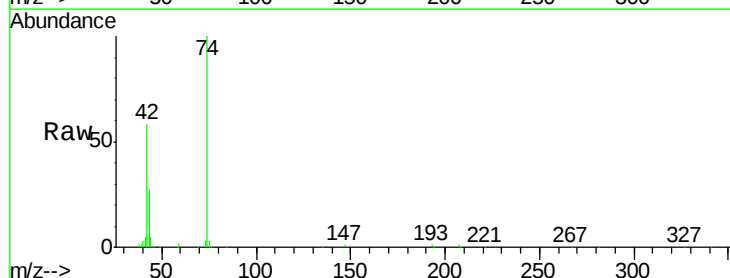
Tgt Ion: 42 Resp: 276451

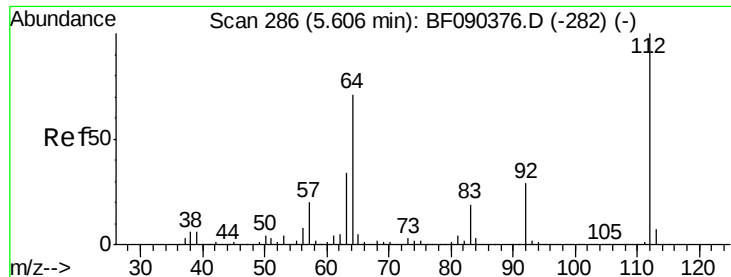
Ion Ratio Lower Upper

42 100

74 172.5 88.9 133.3#

44 7.9 6.5 9.7





#5

2-Fluorophenol

Concen: 67.00 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

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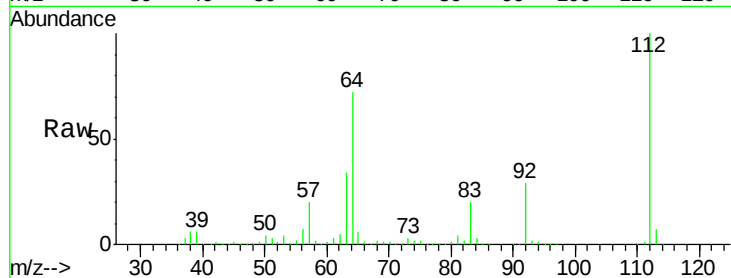
Tgt Ion: 112 Resp: 1084313

Ion Ratio Lower Upper

112 100

64 71.6 57.9 86.9

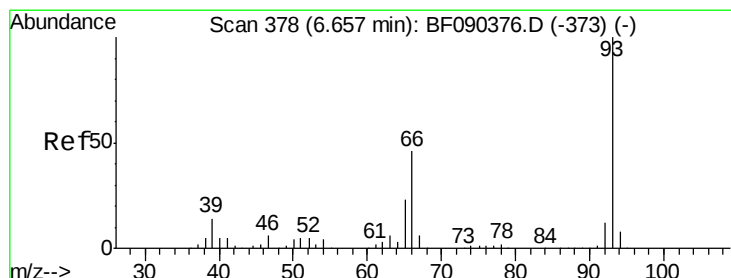
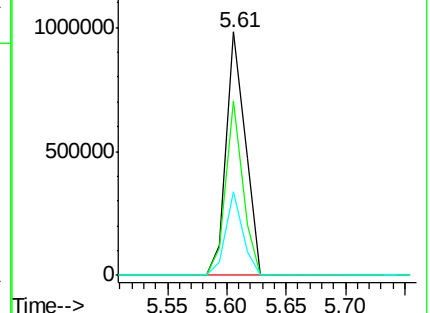
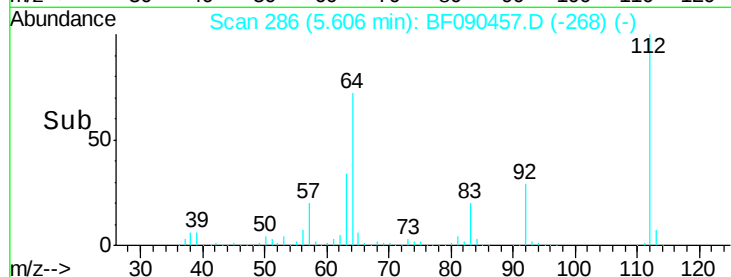
63 34.3 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.97 ng

RT: 6.65 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

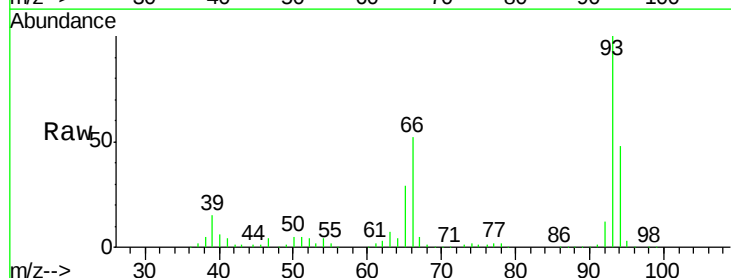
Tgt Ion: 93 Resp: 467677

Ion Ratio Lower Upper

93 100

66 51.6 34.5 51.7

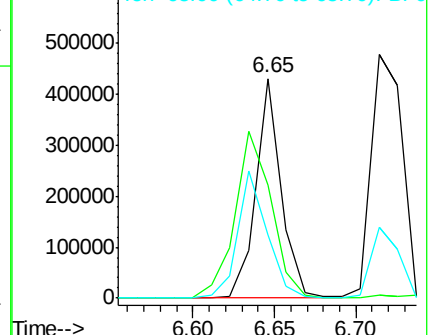
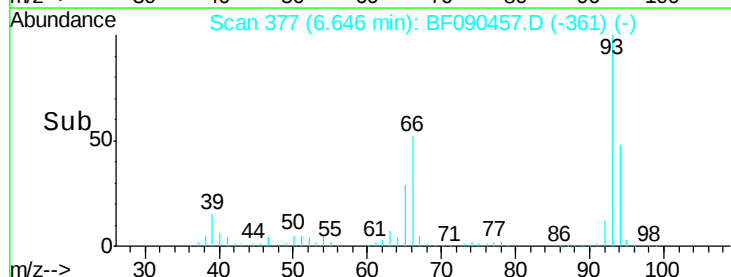
65 29.0 18.2 27.2#

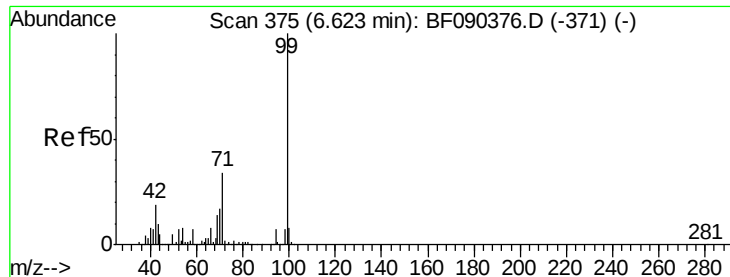


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 69.26 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

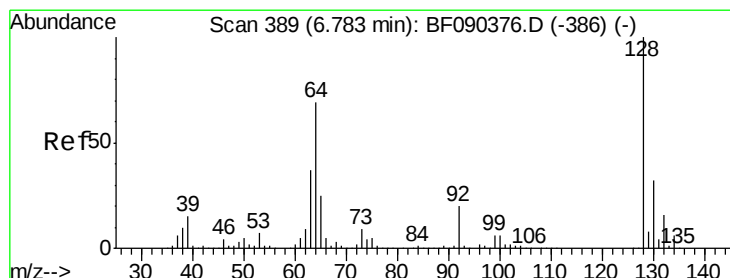
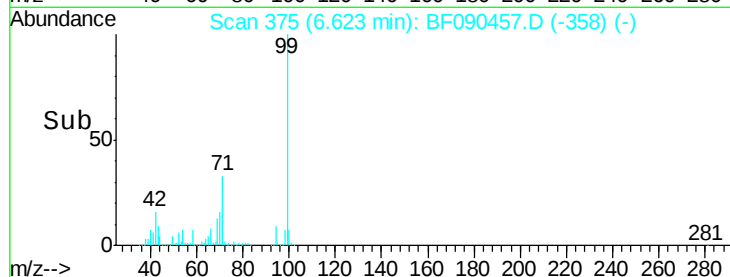
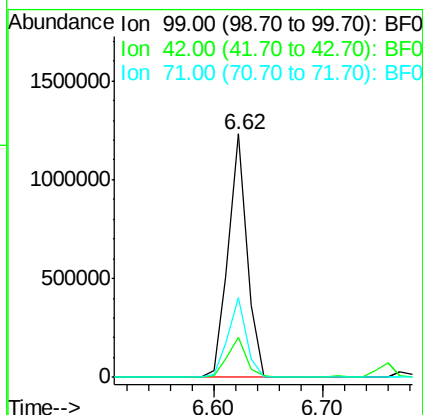
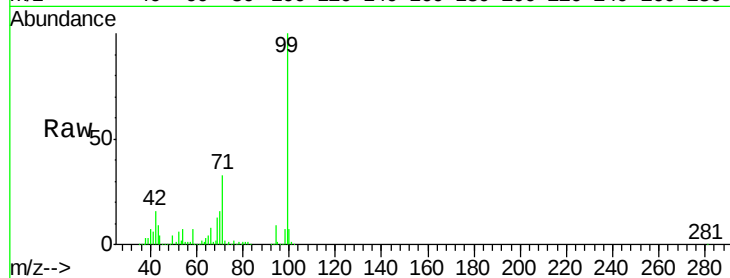
BNA\_F

ClientSampleId :

PB93841BSD

Tgt Ion: 99 Resp: 1467935

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.3  | 20.0  | 30.0# |
| 71  | 32.5  | 27.9  | 41.9  |



#8

2-Chlorophenol

Concen: 35.61 ng

RT: 6.77 min Scan# 388

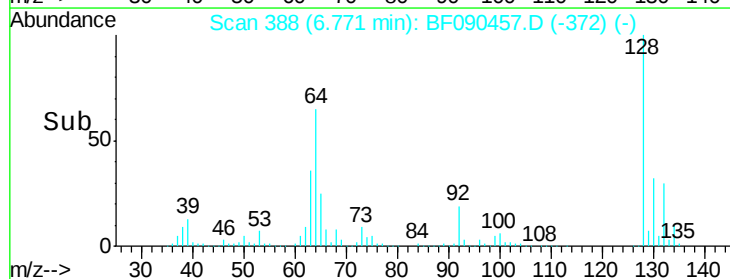
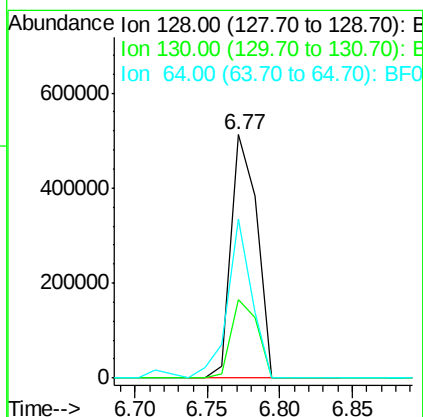
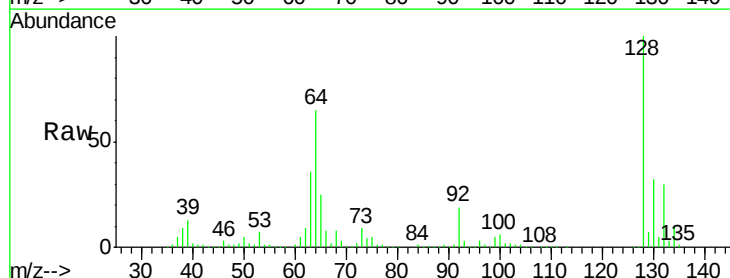
Delta R.T. -0.01 min

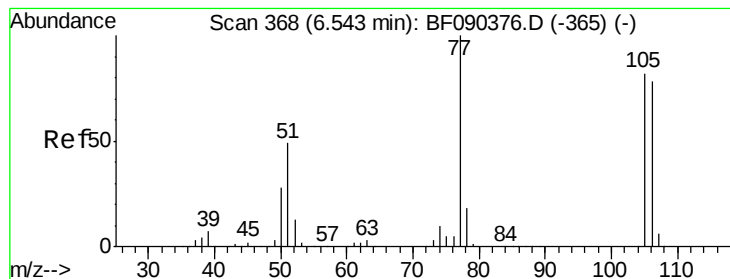
Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Tgt Ion: 128 Resp: 634212

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.1  | 13.3  | 53.3  |
| 64  | 65.1  | 36.0  | 76.0  |





#9

Benzaldehyde

Concen: 25.60 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090457.D

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Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

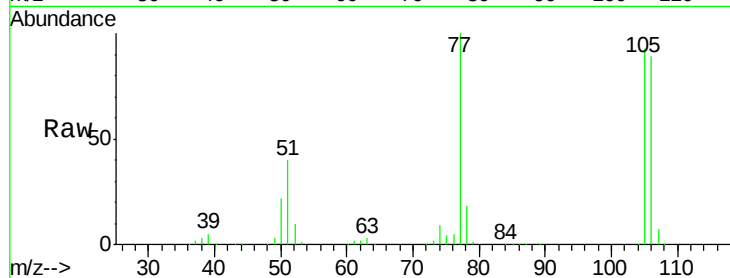
Tgt Ion: 77 Resp: 274250

Ion Ratio Lower Upper

77 100

105 93.1 73.1 113.1

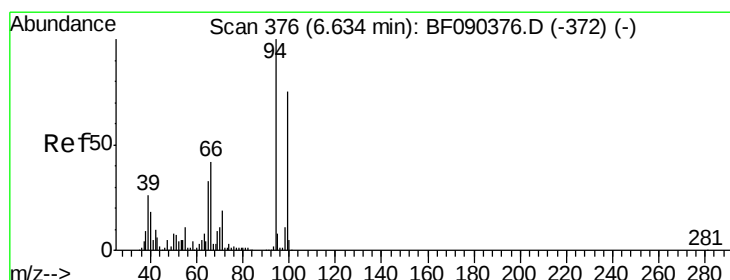
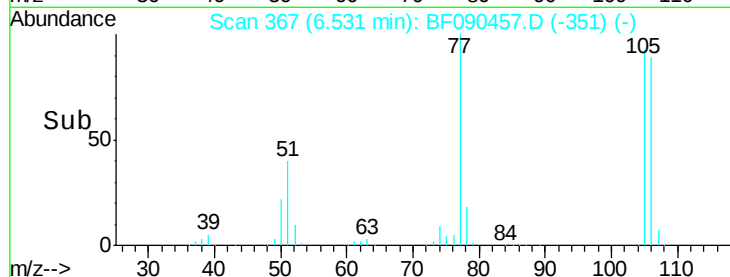
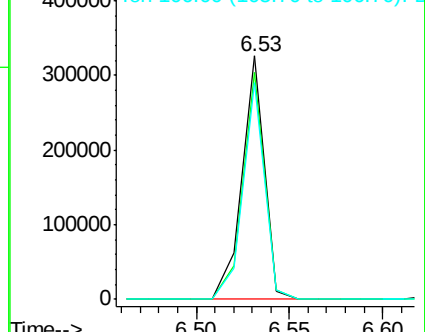
106 88.8 70.2 110.2



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: 30.04 ng

RT: 6.63 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

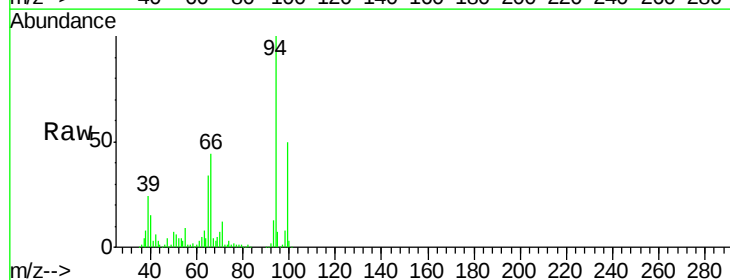
Tgt Ion: 94 Resp: 740341

Ion Ratio Lower Upper

94 100

65 33.6 13.3 53.3

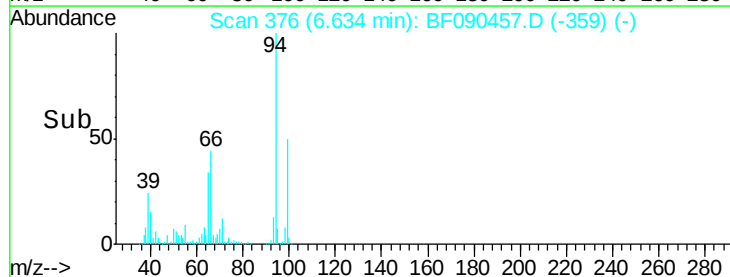
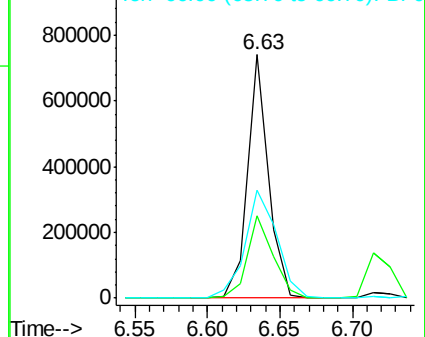
66 44.3 20.4 60.4

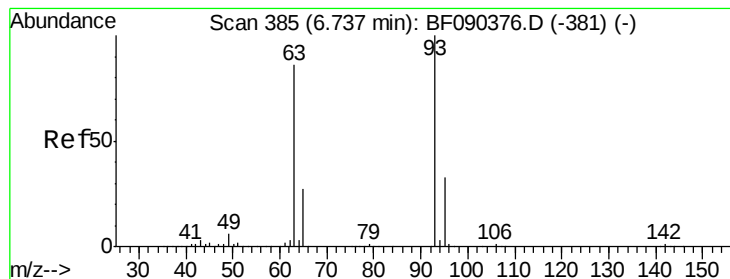


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.39 ng

RT: 6.71 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

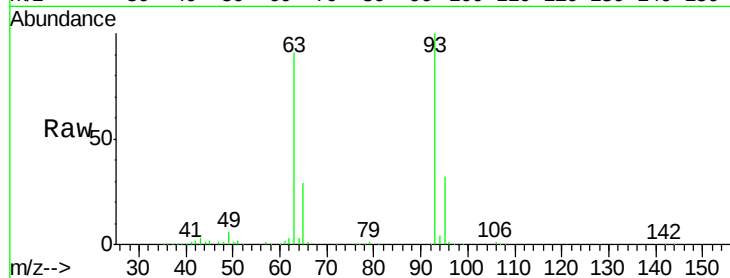
Tgt Ion: 93 Resp: 629984

Ion Ratio Lower Upper

93 100

63 90.6 59.7 99.7

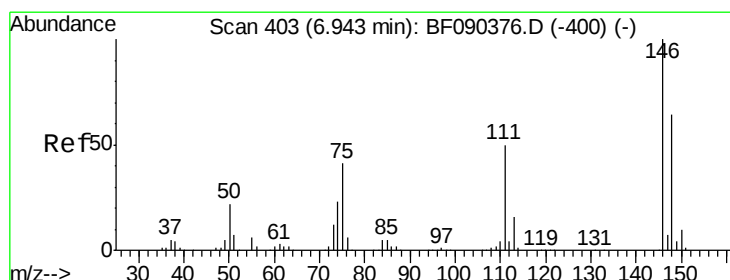
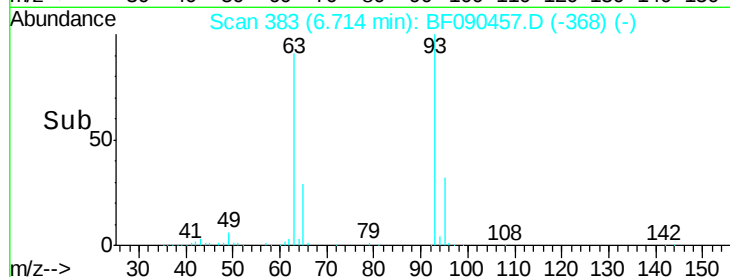
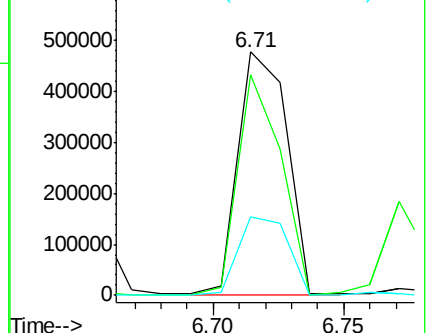
95 32.2 14.0 54.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.58 ng

RT: 6.93 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

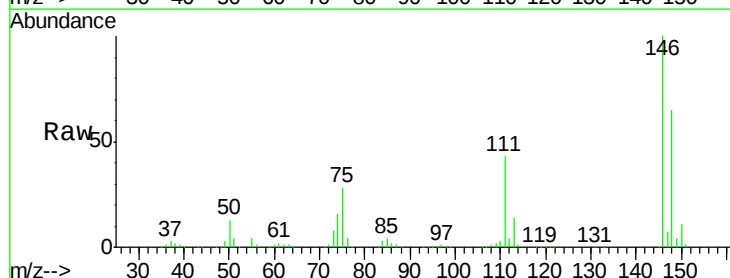
Tgt Ion: 146 Resp: 667161

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.4

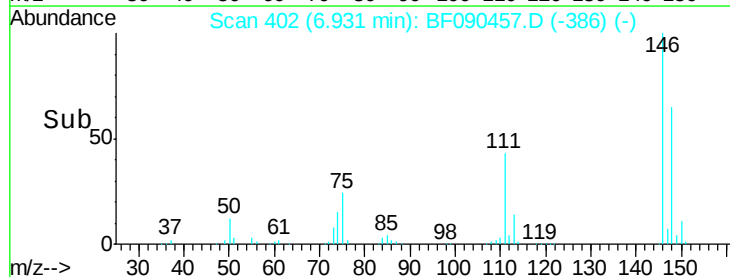
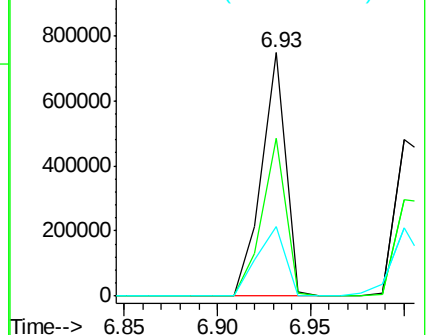
75 28.5 21.4 32.2

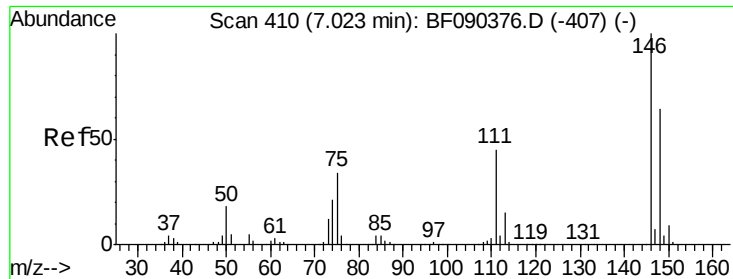


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

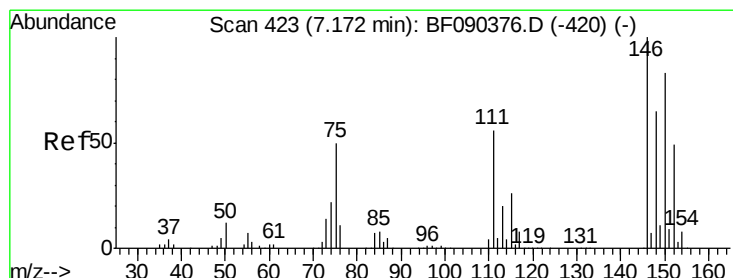
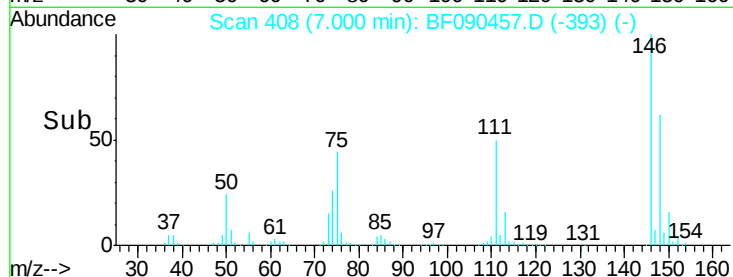
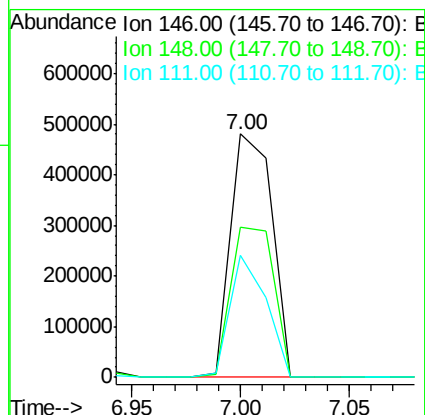
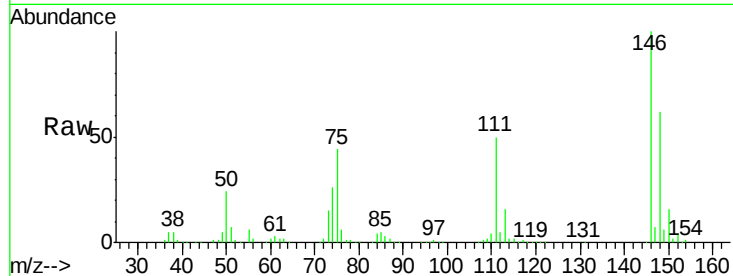




#13  
 1,4-Dichlorobenzene  
 Concen: 35.12 ng  
 RT: 7.00 min Scan# 408  
 Delta R.T. -0.02 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

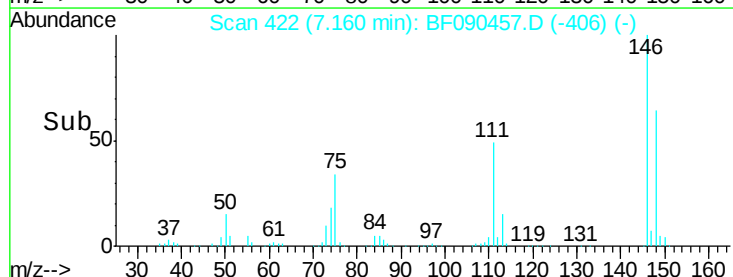
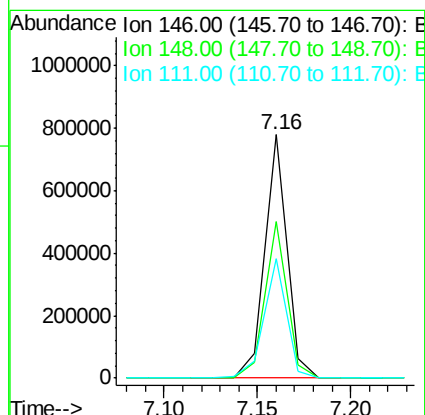
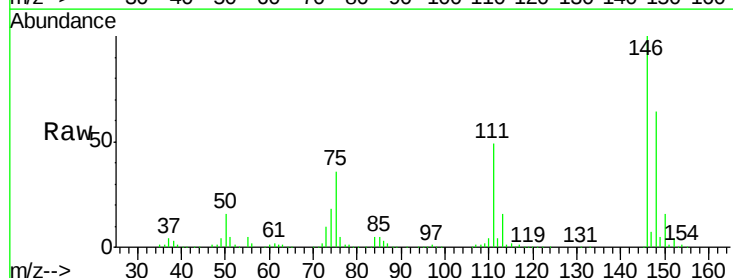
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93841BSD

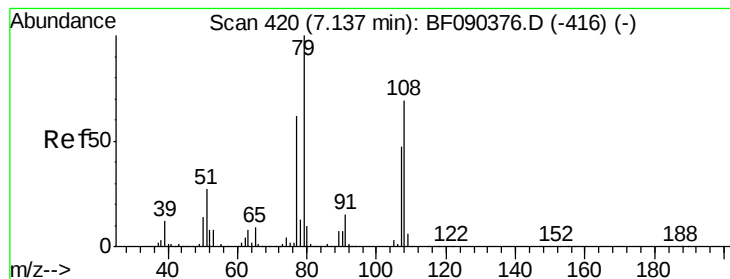
Tgt Ion:146 Resp: 633248  
 Ion Ratio Lower Upper  
 146 100  
 148 61.7 51.1 76.7  
 111 50.2 37.8 56.6



#14  
 1,2-Dichlorobenzene  
 Concen: 36.40 ng  
 RT: 7.16 min Scan# 422  
 Delta R.T. -0.01 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Tgt Ion:146 Resp: 632448  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 52.3 78.5  
 111 49.1 38.2 57.4





#15

Benzyl Alcohol

Concen: 37.16 ng

RT: 7.13 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

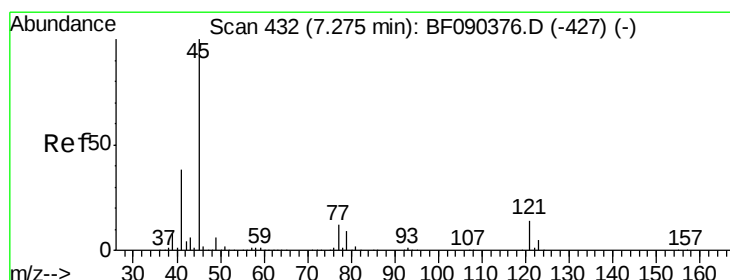
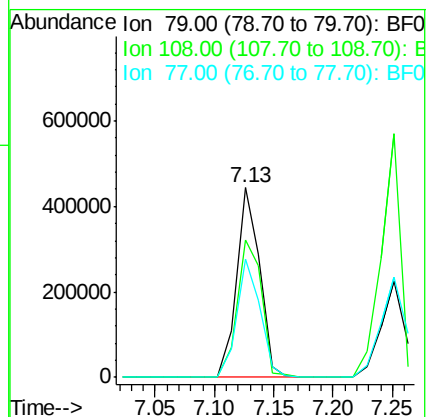
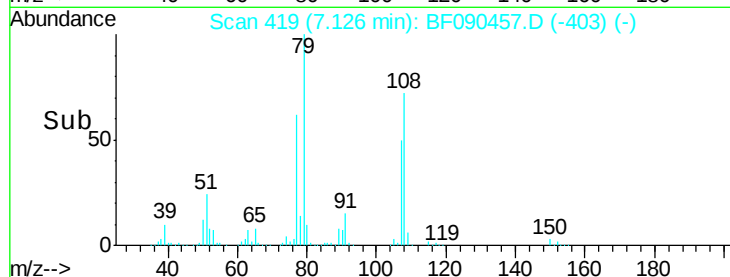
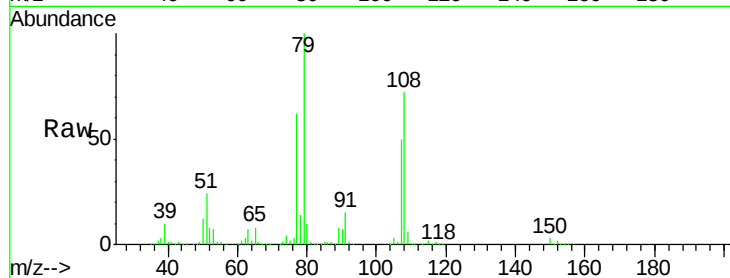
Tgt Ion: 79 Resp: 598780

Ion Ratio Lower Upper

79 100

108 72.3 60.9 91.3

77 62.3 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.44 ng

RT: 7.26 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

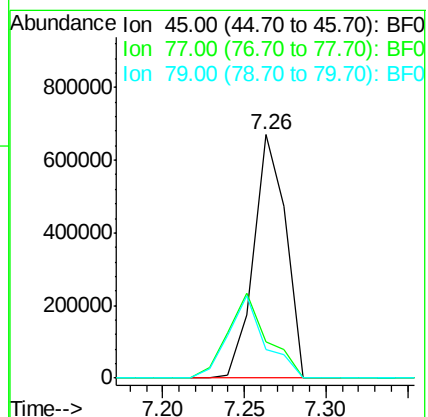
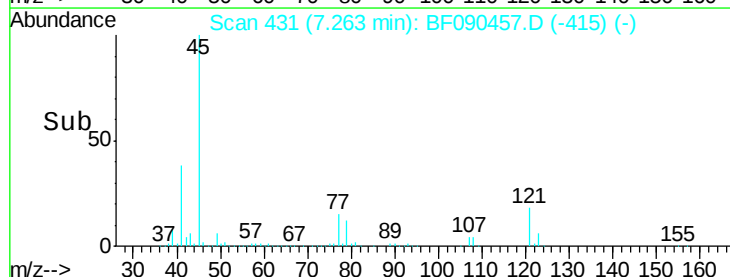
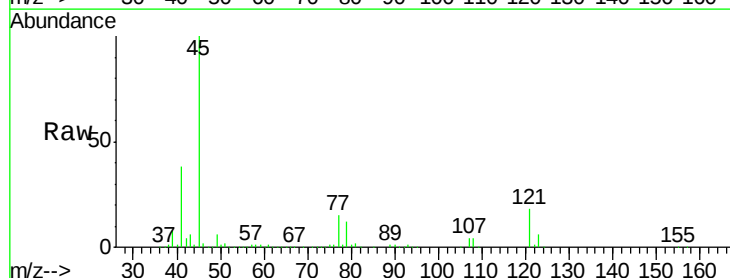
Tgt Ion: 45 Resp: 910164

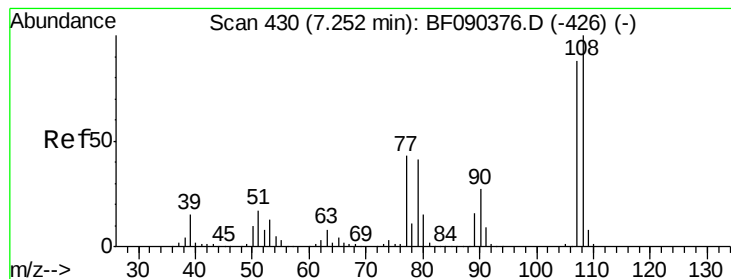
Ion Ratio Lower Upper

45 100

77 15.1 0.0 30.8

79 11.9 0.0 28.2





#17

2-Methylphenol

Concen: 38.99 ng

RT: 7.25 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

Tgt Ion:107 Resp: 571085

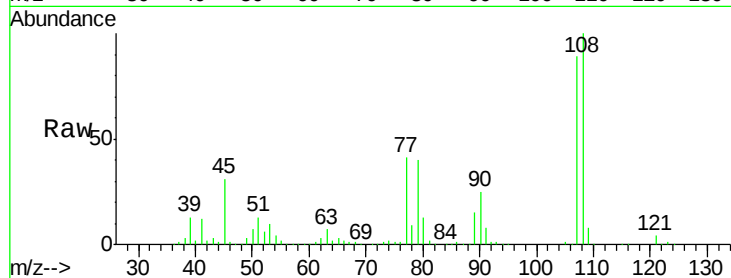
Ion Ratio Lower Upper

107 100

108 112.8 90.9 136.3

77 46.4 38.2 57.4

79 44.8 37.0 55.4

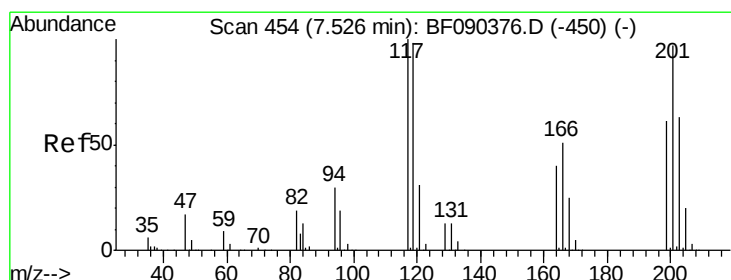
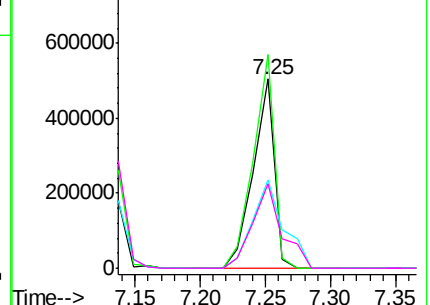
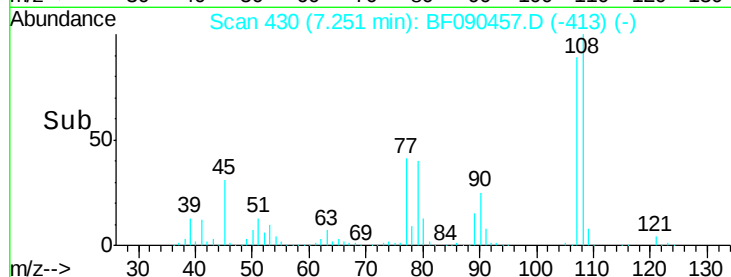


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.67 ng

RT: 7.50 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

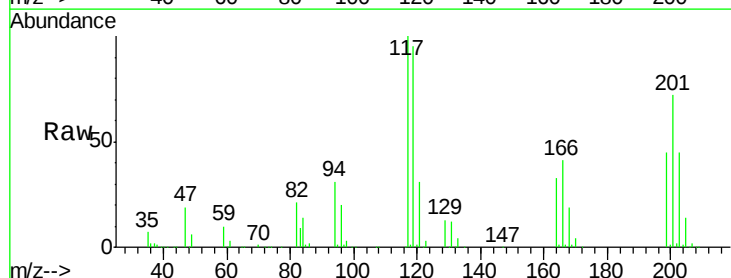
Tgt Ion:117 Resp: 232229

Ion Ratio Lower Upper

117 100

119 94.6 75.9 113.9

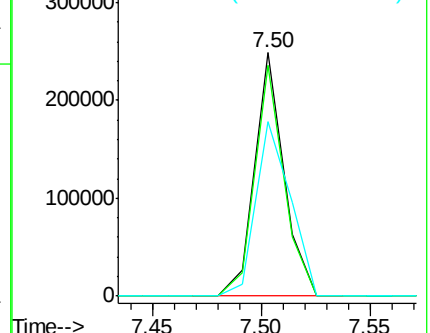
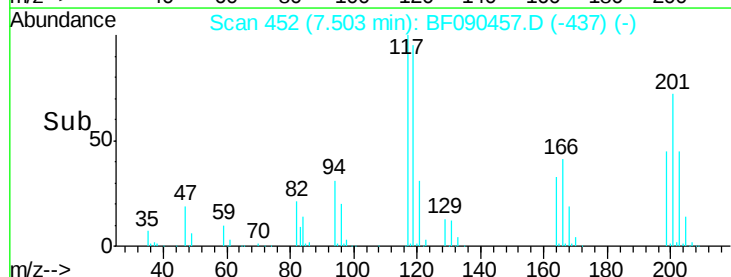
201 71.5 66.5 99.7

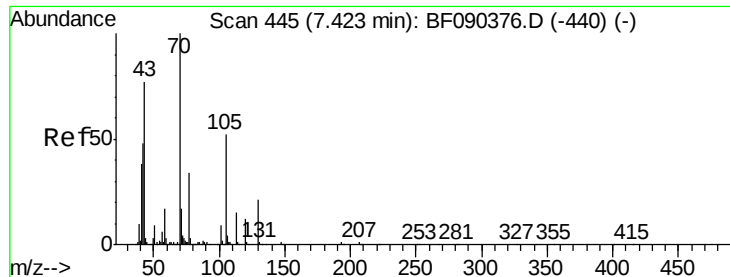


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

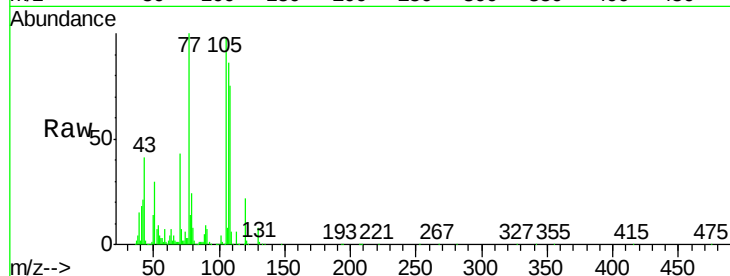




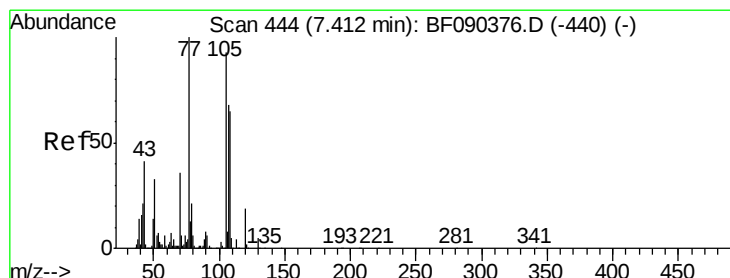
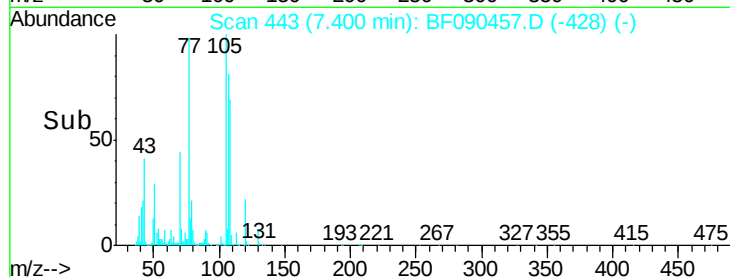
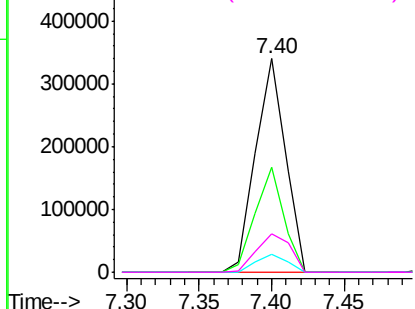
#19  
n-Nitroso-di-n-propylamine  
Concen: 31.23 ng  
RT: 7.40 min Scan# 443  
Delta R.T. -0.02 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB93841BSD

Tgt Ion: 70 Resp: 485339  
Ion Ratio Lower Upper  
70 100  
42 49.2 55.4 83.2#  
101 8.4 7.6 11.4  
130 17.8 16.5 24.7

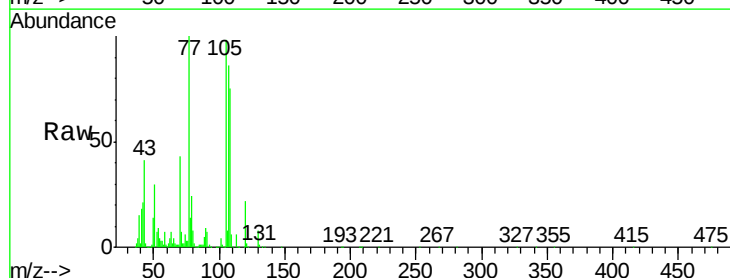


Abundance Ion 70.00 (69.70 to 70.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

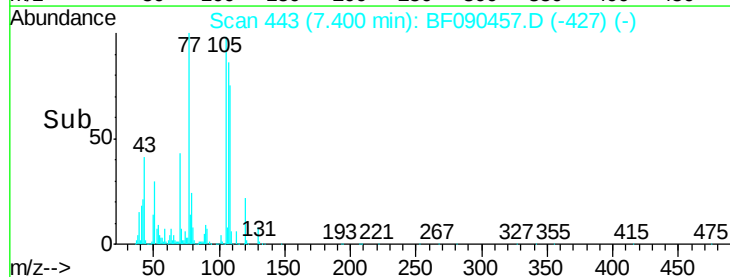
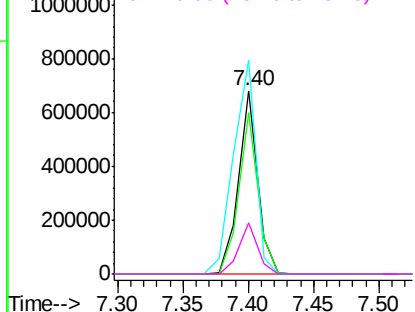


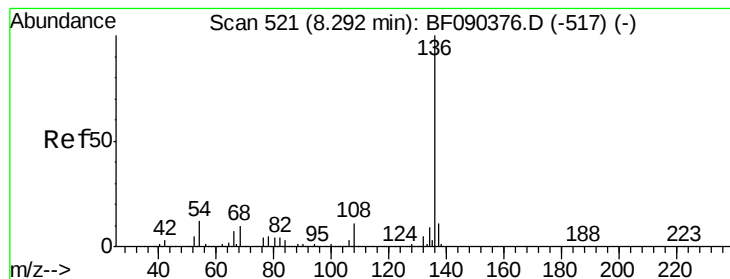
#20  
3+4-Methylphenols  
Concen: 36.42 ng  
RT: 7.40 min Scan# 443  
Delta R.T. -0.01 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Tgt Ion: 107 Resp: 690510  
Ion Ratio Lower Upper  
107 100  
108 87.7 66.7 106.7  
77 116.5 53.7 93.7#  
79 28.3 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

Tgt Ion:136 Resp: 1058266

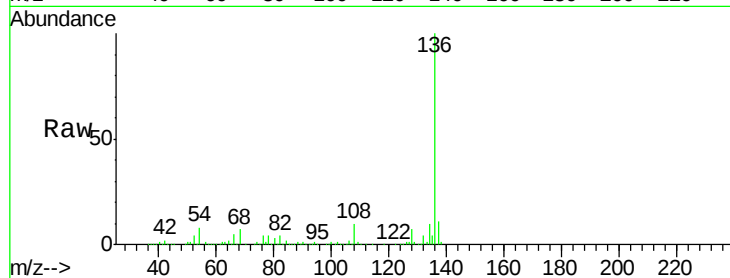
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 8.2 6.6 10.0

68 7.4 5.0 7.6

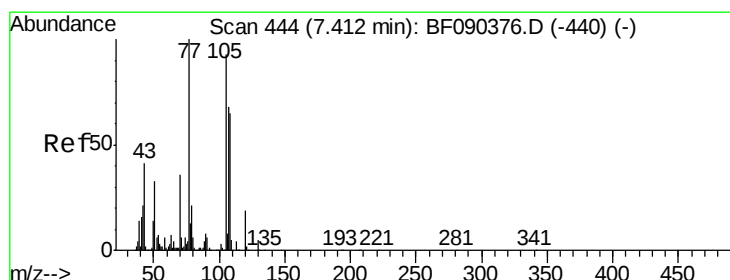
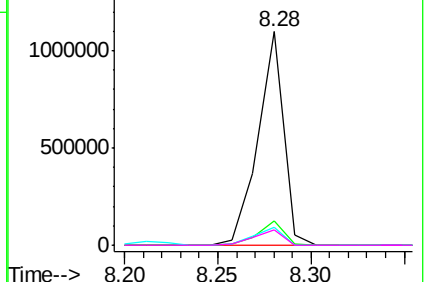
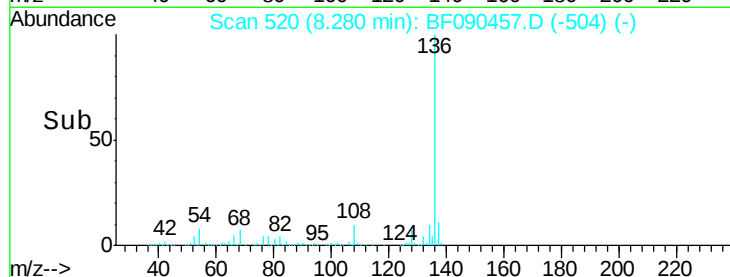


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.14 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Tgt Ion:105 Resp: 905875

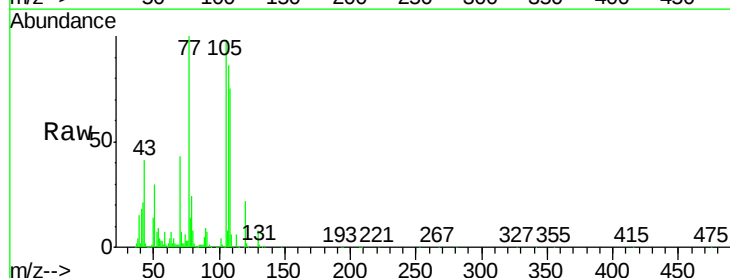
Ion Ratio Lower Upper

105 100

71 7.5 3.8 5.6#

51 30.4 28.2 42.4

120 21.9 17.4 26.2

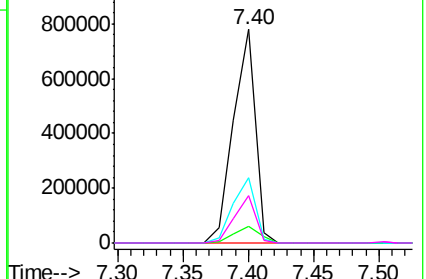
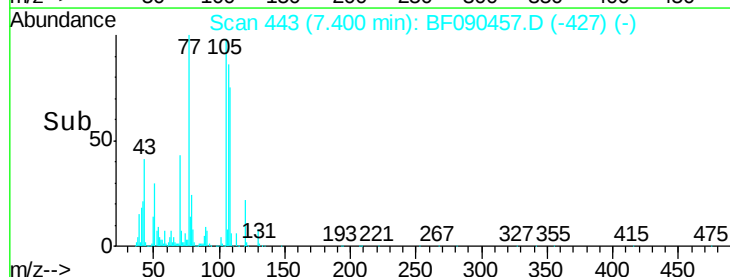


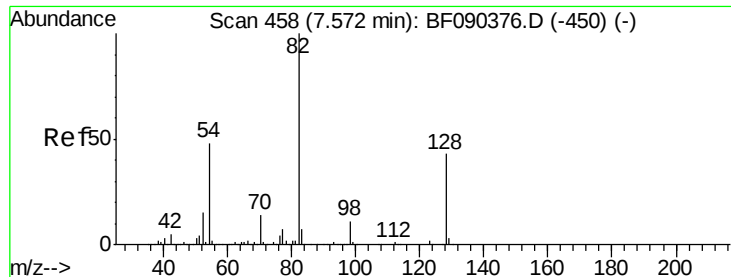
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

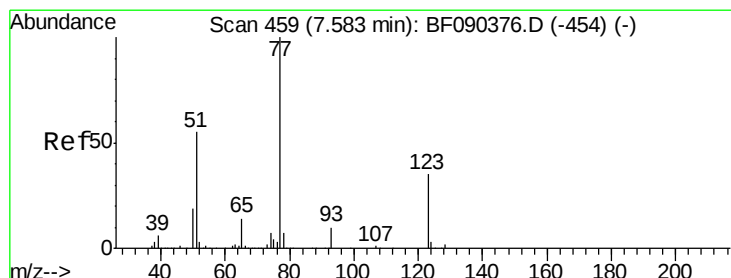
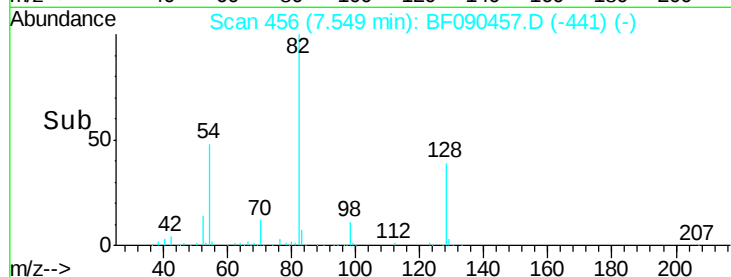
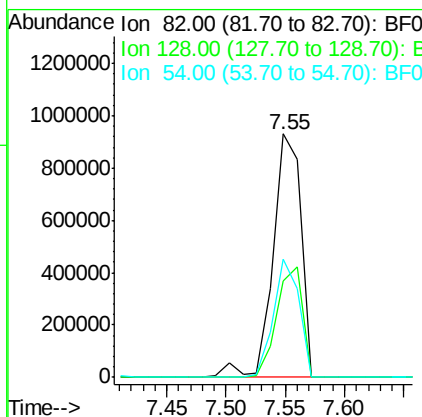
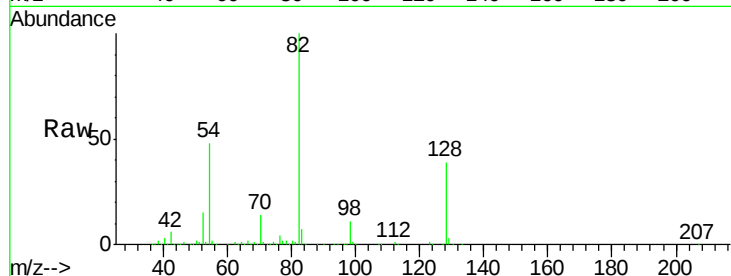




#23  
 Nitrobenzene-d5  
 Concen: 69.20 ng  
 RT: 7.55 min Scan# 456  
 Delta R.T. -0.02 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

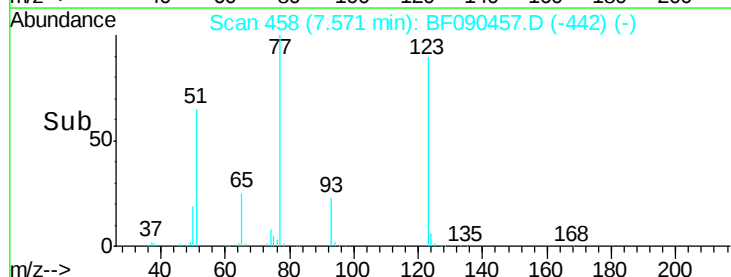
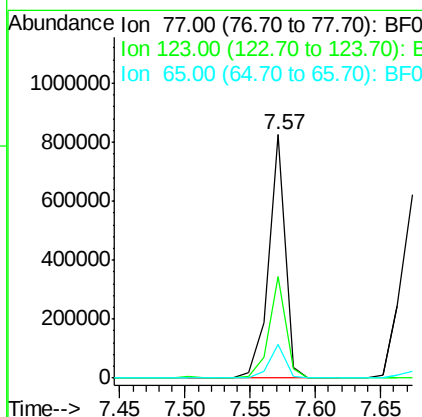
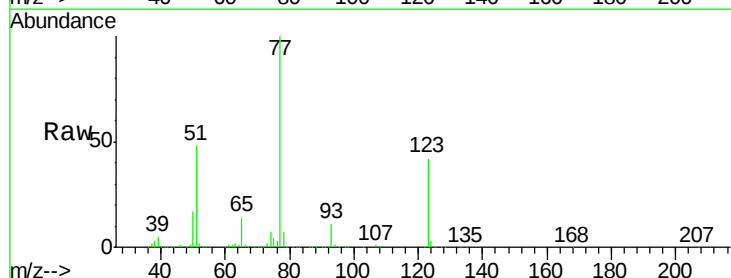
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93841BSD

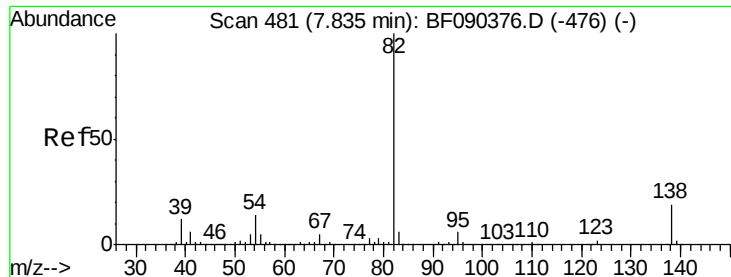
Tgt Ion: 82 Resp: 1505543  
 Ion Ratio Lower Upper  
 82 100  
 128 39.4 40.0 60.0#  
 54 48.4 42.6 64.0



#24  
 Nitrobenzene  
 Concen: 34.15 ng  
 RT: 7.57 min Scan# 458  
 Delta R.T. -0.01 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Tgt Ion: 77 Resp: 737536  
 Ion Ratio Lower Upper  
 77 100  
 123 42.0 33.0 49.4  
 65 13.6 12.0 18.0





#25

Isophorone

Concen: 33.44 ng

RT: 7.81 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

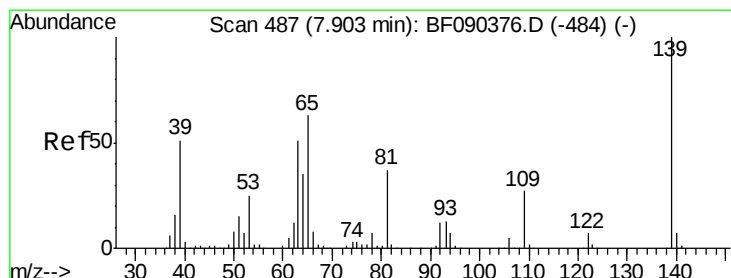
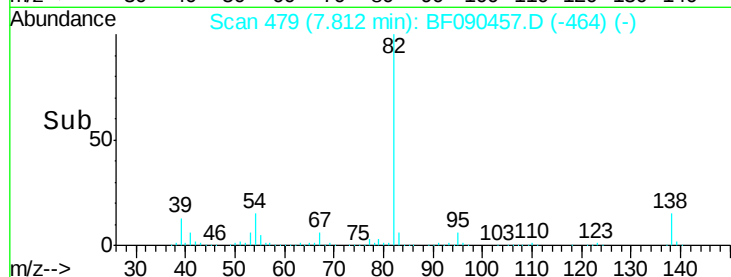
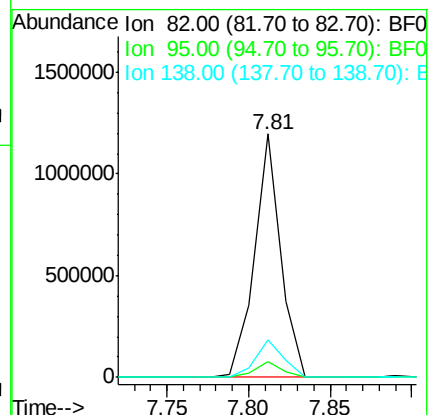
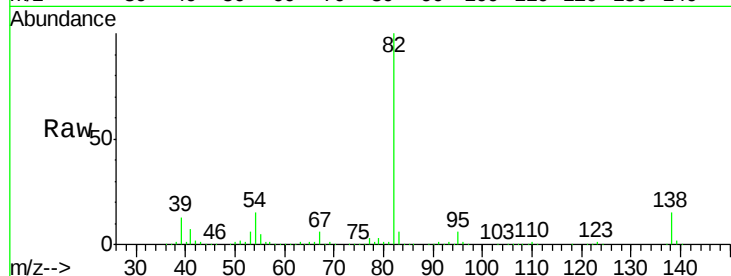
Tgt Ion: 82 Resp: 1330216

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 15.4 13.0 19.4



#26

2-Nitrophenol

Concen: 38.66 ng

RT: 7.89 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

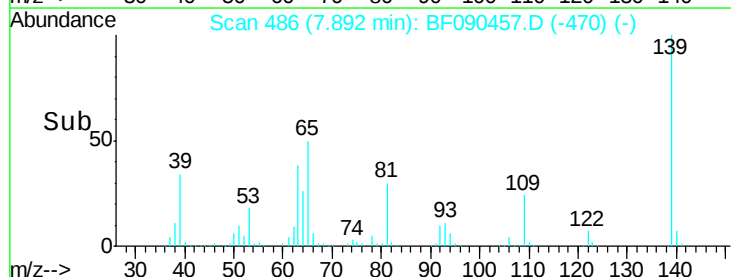
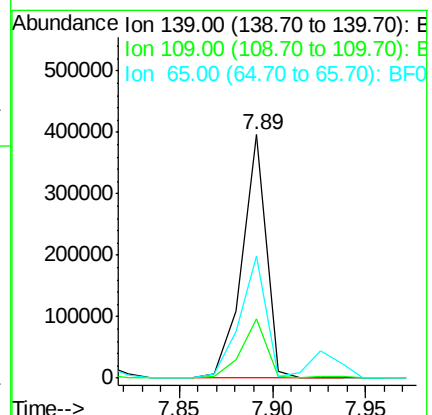
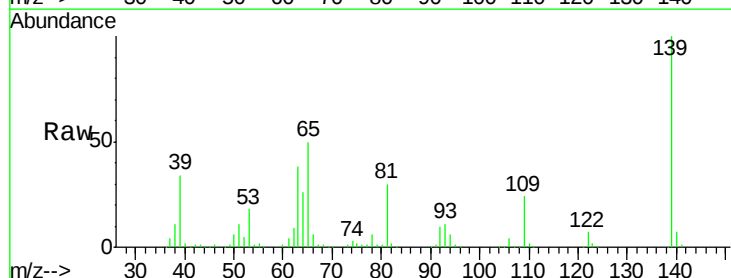
Tgt Ion: 139 Resp: 359347

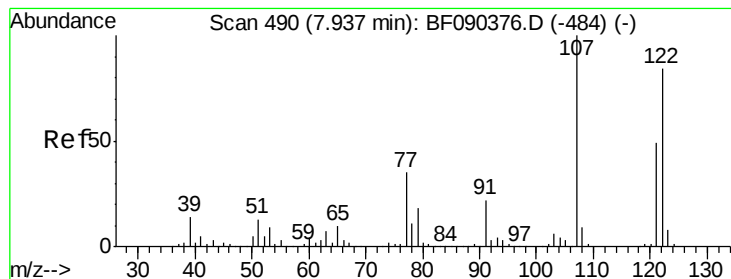
Ion Ratio Lower Upper

139 100

109 24.1 18.9 28.3

65 49.9 31.6 47.4#





#27

2,4-Dimethylphenol

Concen: 33.38 ng

RT: 7.93 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

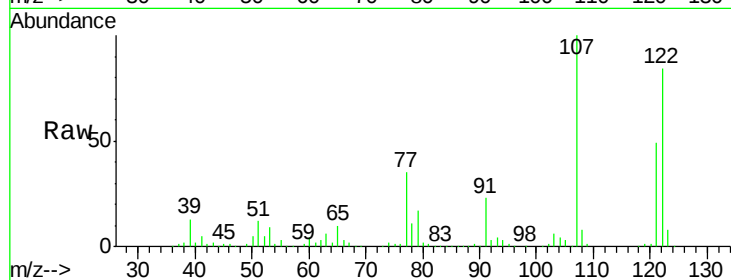
Tgt Ion: 122 Resp: 603453

Ion Ratio Lower Upper

122 100

107 119.6 88.6 132.8

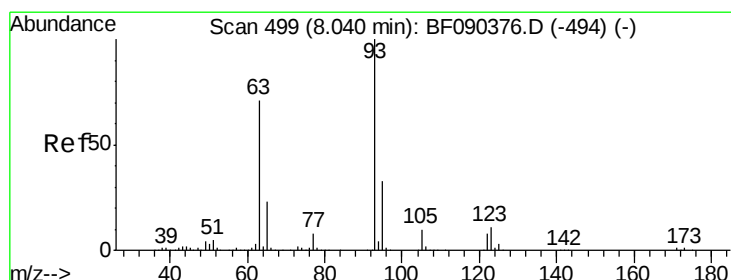
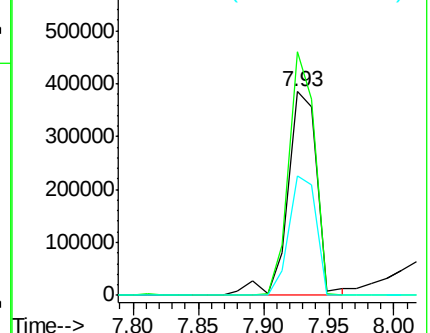
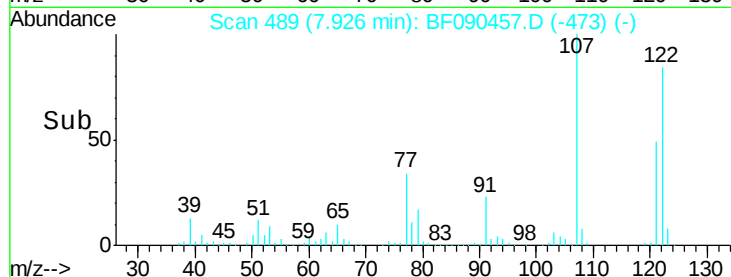
121 58.8 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.45 ng

RT: 8.02 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

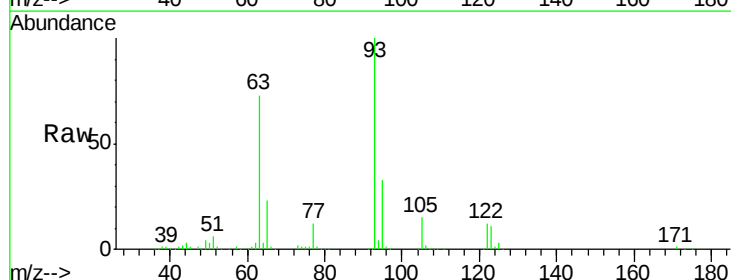
Tgt Ion: 93 Resp: 833882

Ion Ratio Lower Upper

93 100

95 32.7 27.0 40.4

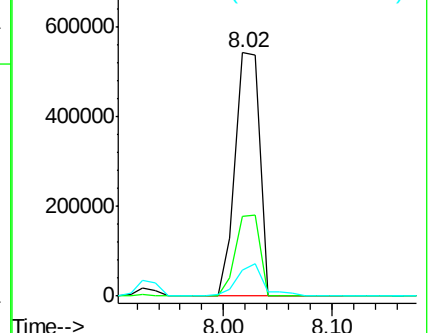
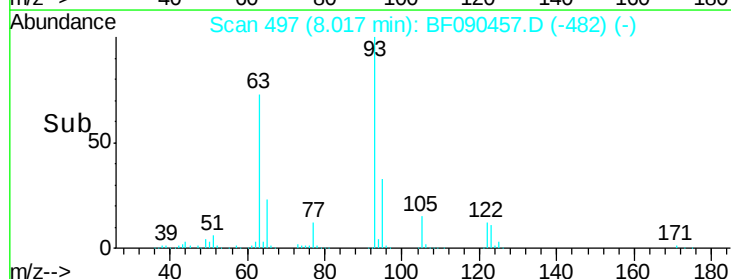
123 10.6 11.1 16.7#

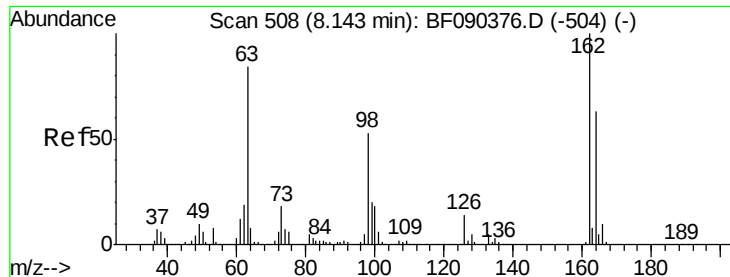


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

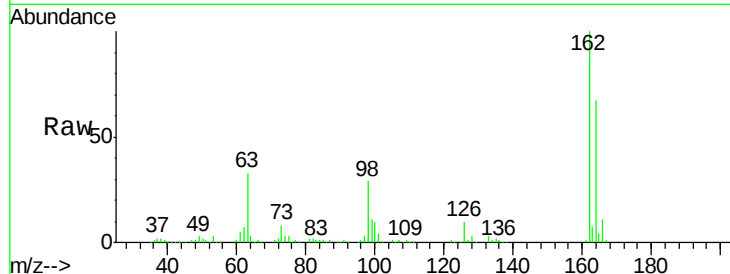




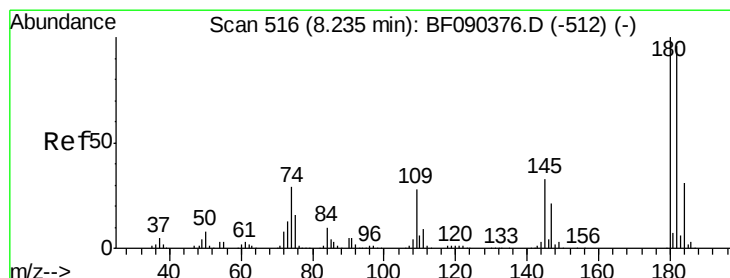
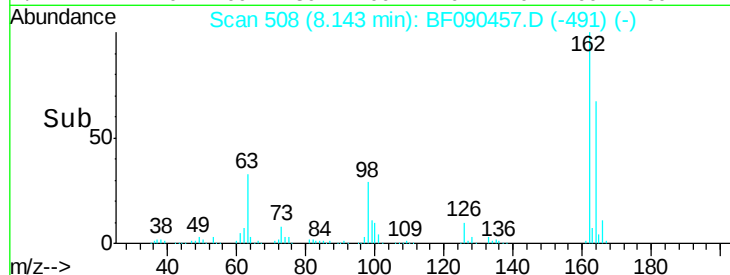
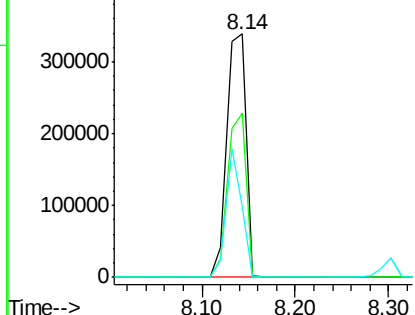
#29  
2,4-Dichlorophenol  
Concen: 35.69 ng  
RT: 8.14 min Scan# 508  
Delta R.T. -0.00 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB93841BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 67.3  | 45.7  | 85.7  |
| 98      | 29.3  | 13.3  | 53.3  |

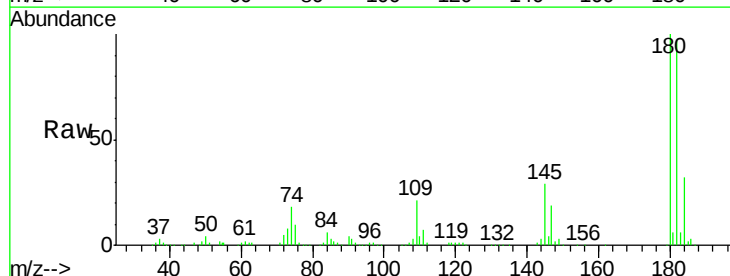


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0

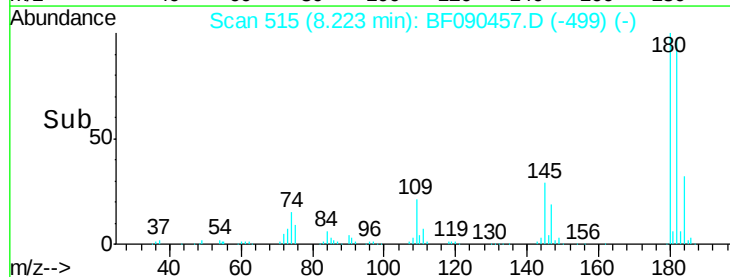
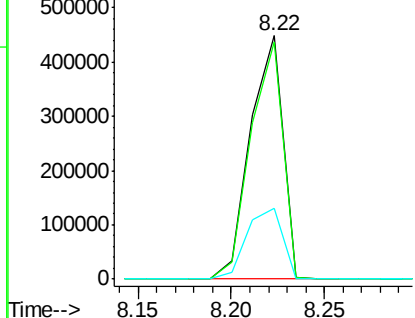


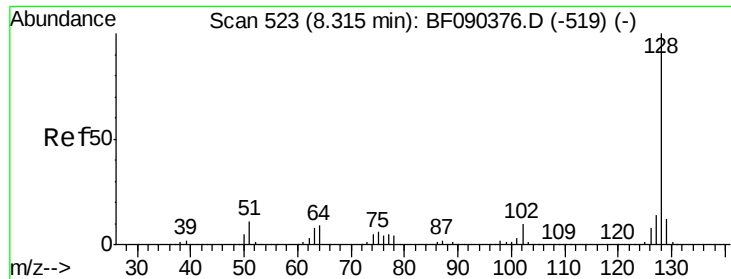
#30  
1,2,4-Trichlorobenzene  
Concen: 38.13 ng  
RT: 8.22 min Scan# 515  
Delta R.T. -0.01 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.2  | 75.3  | 112.9 |
| 145     | 29.2  | 27.7  | 41.5  |



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

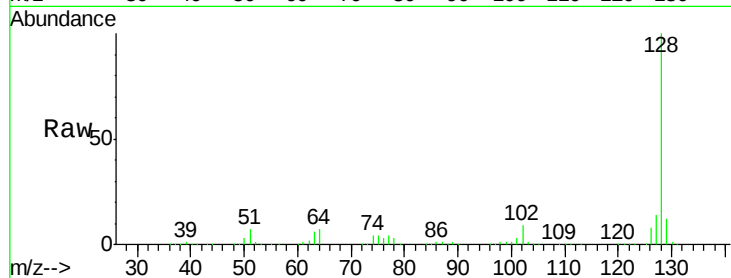




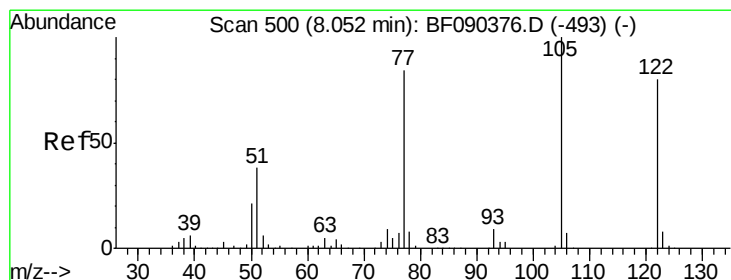
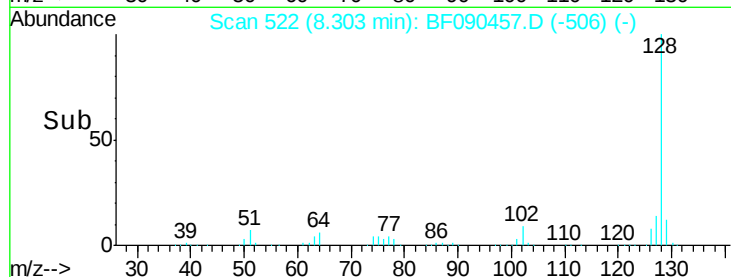
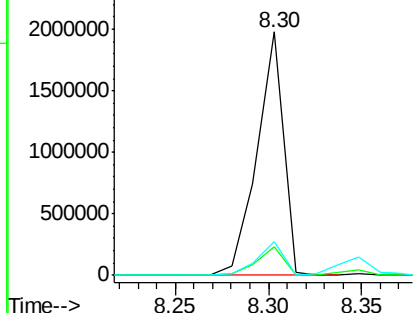
#31  
Naphthalene  
Concen: 37.87 ng  
RT: 8.30 min Scan# 522  
Delta R.T. -0.01 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB93841BSD

Tgt Ion:128 Resp: 1933607  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.7 14.5  
127 13.8 11.7 17.5

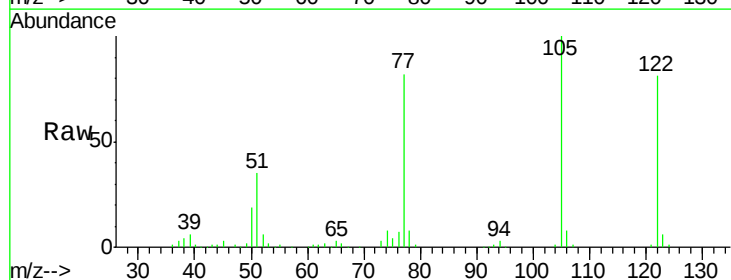


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

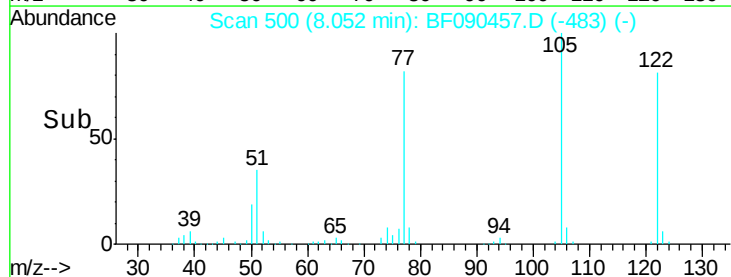
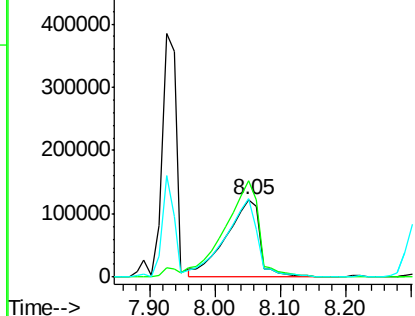


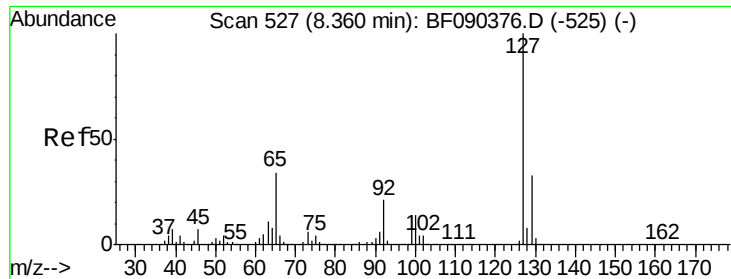
#32  
Benzoic acid  
Concen: 34.56 ng  
RT: 8.05 min Scan# 500  
Delta R.T. -0.00 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Tgt Ion:122 Resp: 434349  
Ion Ratio Lower Upper  
122 100  
105 123.6 103.9 143.9  
77 101.4 74.6 114.6



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

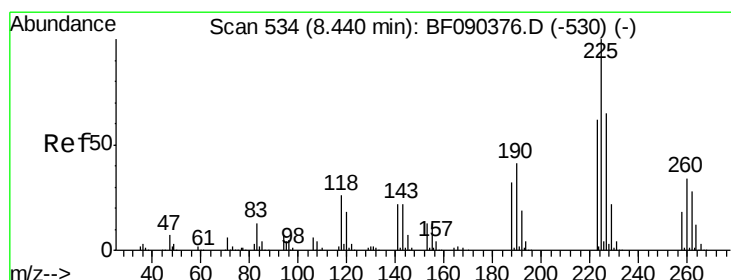
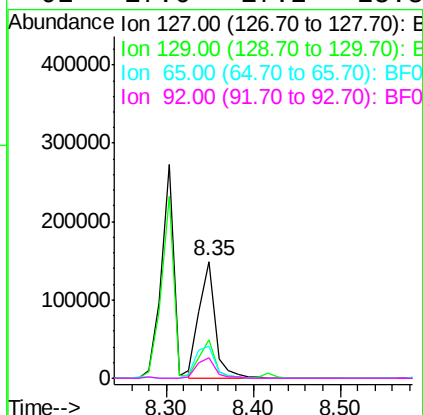
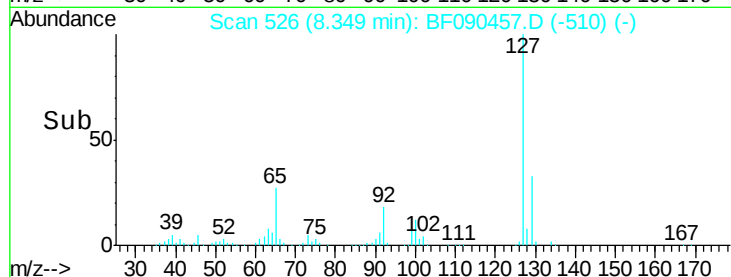
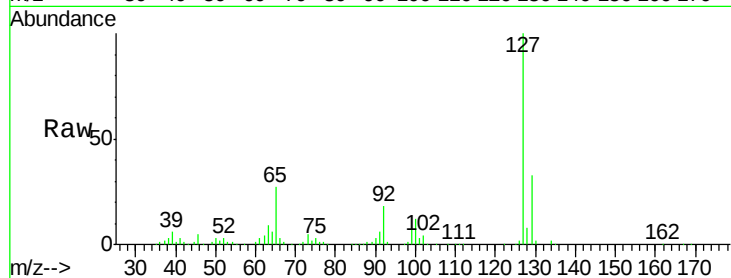




#33  
4-Chloroaniline  
Concen: 8.99 ng  
RT: 8.35 min Scan# 526  
Delta R.T. -0.01 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

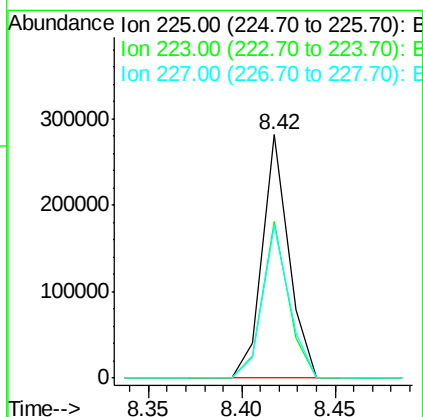
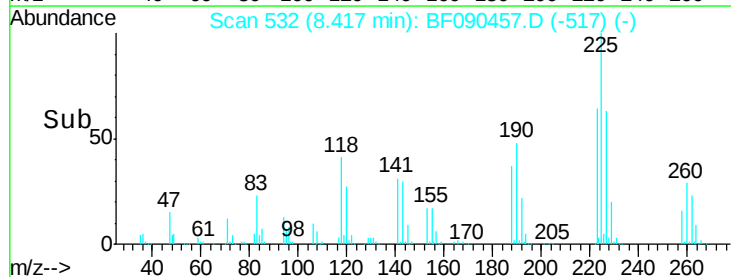
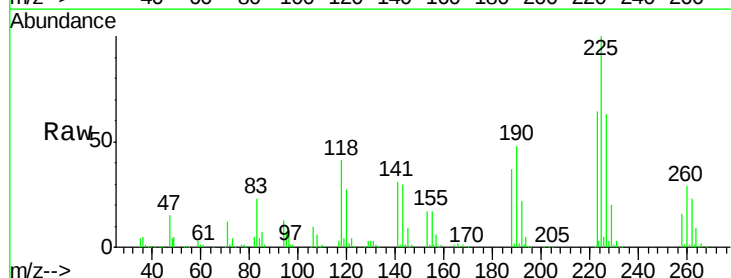
Instrument :  
BNA\_F  
ClientSampleId :  
PB93841BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 189748 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 26.2  | 39.4   |
| 65       | 27.3  | 32.5  | 48.7#  |
| 92       | 17.6  | 17.2  | 25.8   |



#34  
Hexachlorobutadiene  
Concen: 34.68 ng  
RT: 8.42 min Scan# 532  
Delta R.T. -0.02 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 274493 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.1  | 51.0  | 76.4   |
| 227      | 62.9  | 50.8  | 76.2   |





#35

Caprolactam

Concen: 41.24 ng

RT: 8.73 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

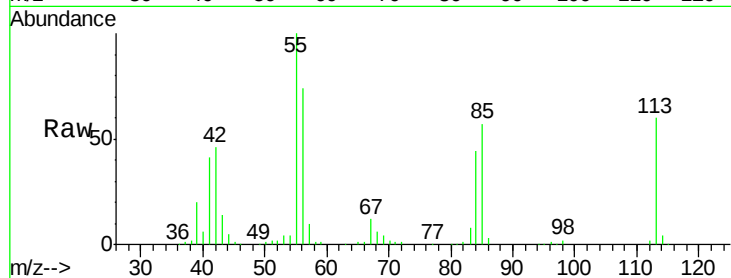
Tgt Ion:113 Resp: 190576

Ion Ratio Lower Upper

113 100

55 166.0 203.3 243.3#

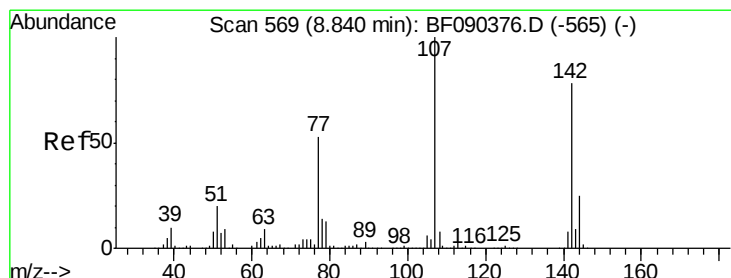
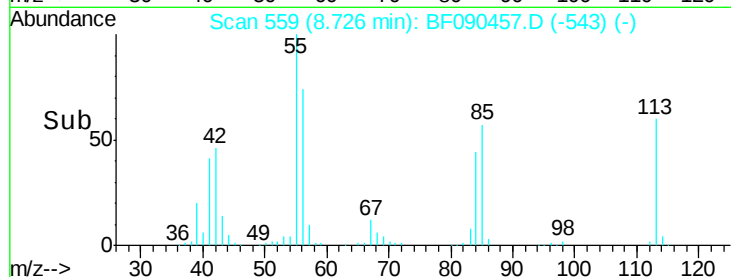
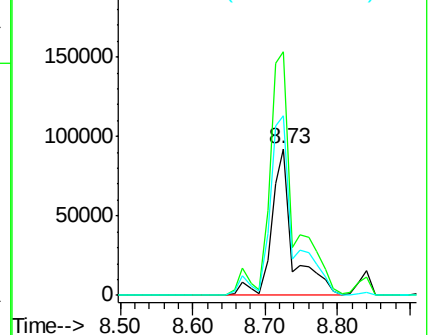
56 122.4 140.5 180.5#



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: 37.24 ng

RT: 8.84 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

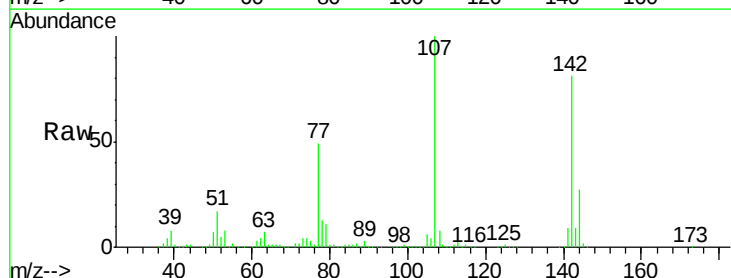
Tgt Ion:107 Resp: 640906

Ion Ratio Lower Upper

107 100

144 26.8 19.8 29.8

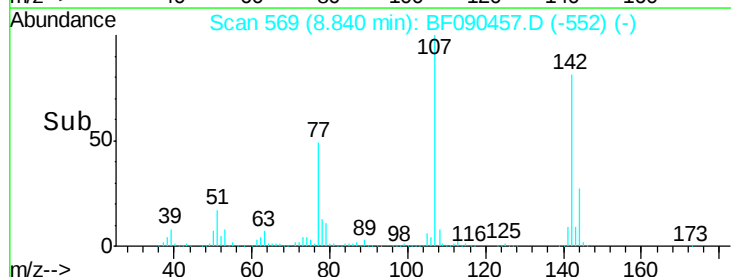
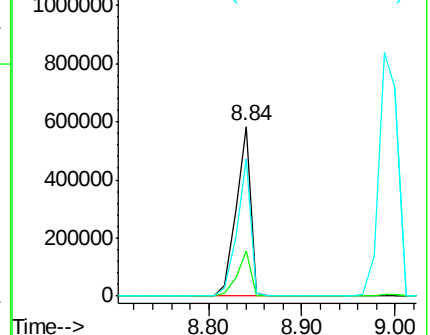
142 81.3 60.7 91.1

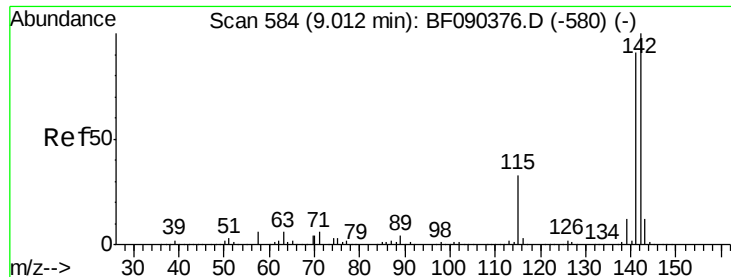


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

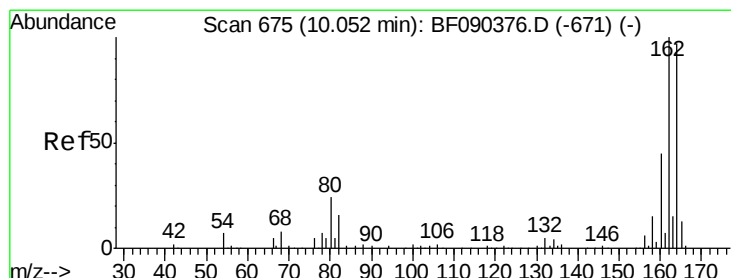
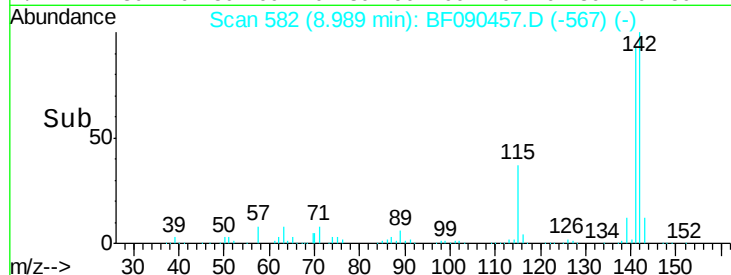
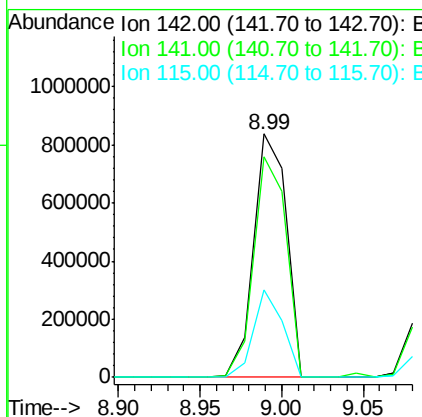
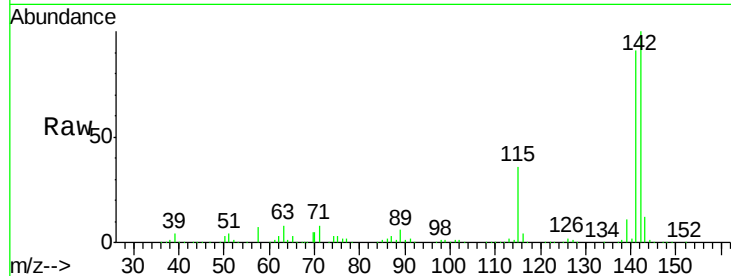




#37  
 2-Methylnaphthalene  
 Concen: 37.74 ng  
 RT: 8.99 min Scan# 582  
 Delta R.T. -0.02 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

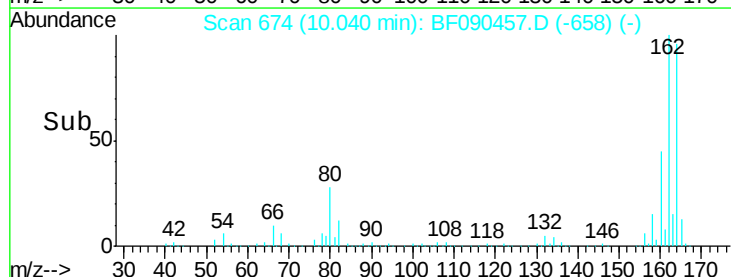
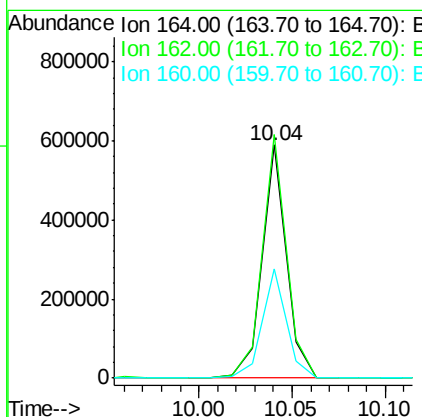
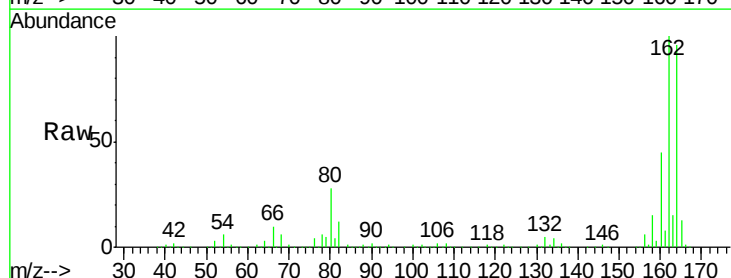
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93841BSD

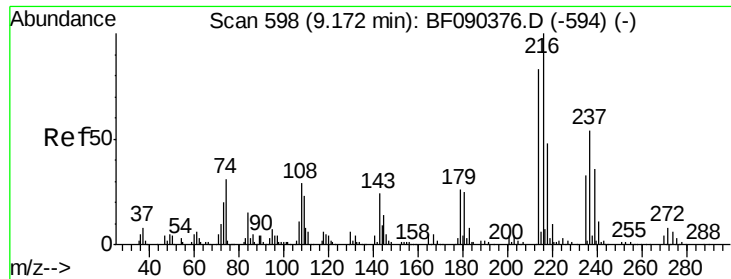
Tgt Ion:142 Resp: 1166239  
 Ion Ratio Lower Upper  
 142 100  
 141 90.5 71.8 107.8  
 115 35.9 28.8 43.2



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.04 min Scan# 674  
 Delta R.T. -0.01 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Tgt Ion:164 Resp: 524340  
 Ion Ratio Lower Upper  
 164 100  
 162 104.4 80.1 120.1  
 160 46.7 36.3 54.5

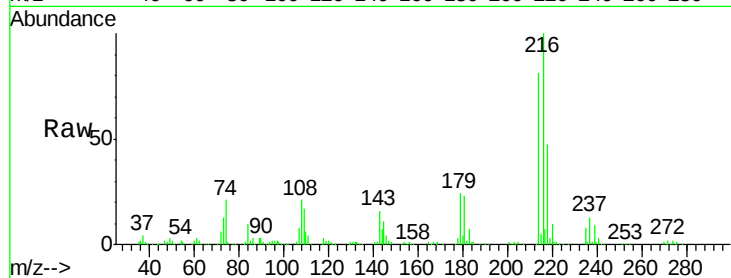




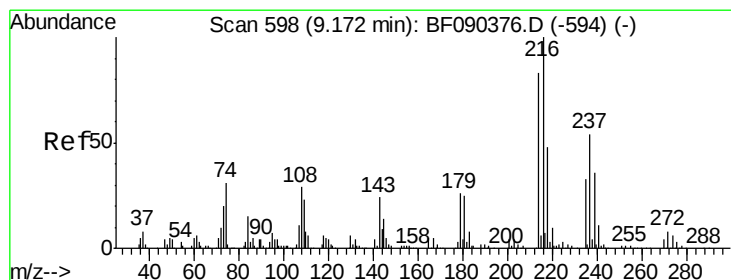
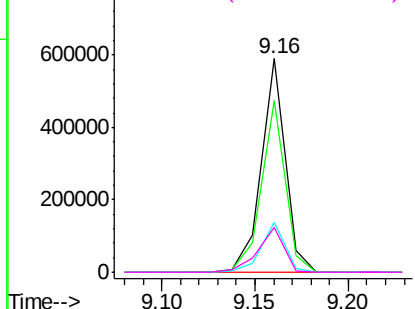
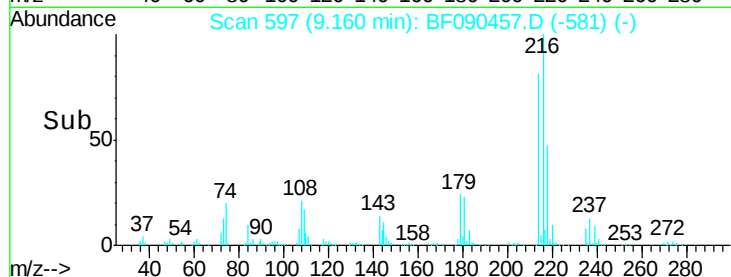
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 37.80 ng  
 RT: 9.16 min Scan# 597  
 Delta R.T. -0.01 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93841BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 522502 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.9  | 64.2  | 96.2   |
| 179      | 23.1  | 18.0  | 27.0   |
| 108      | 22.5  | 15.2  | 22.8   |

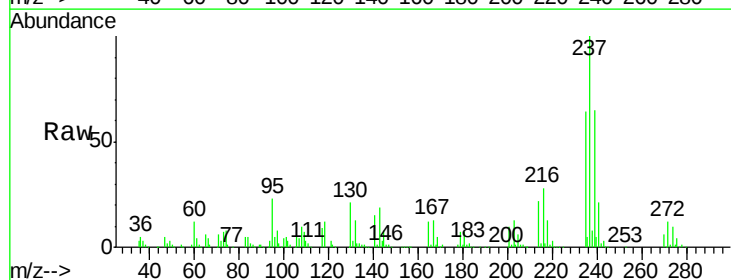


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

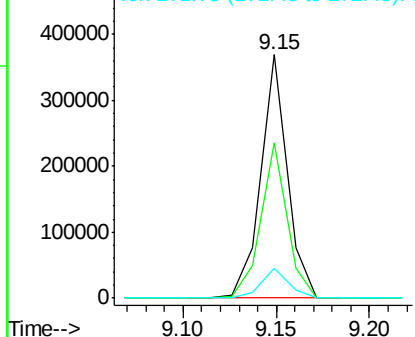
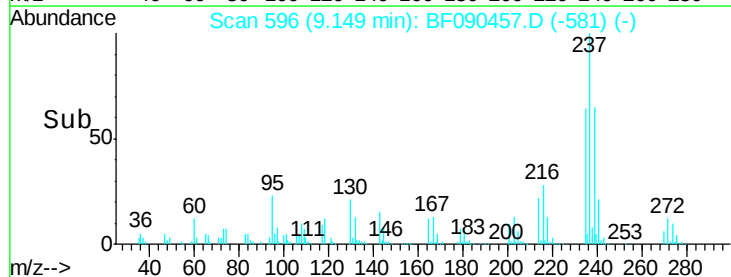


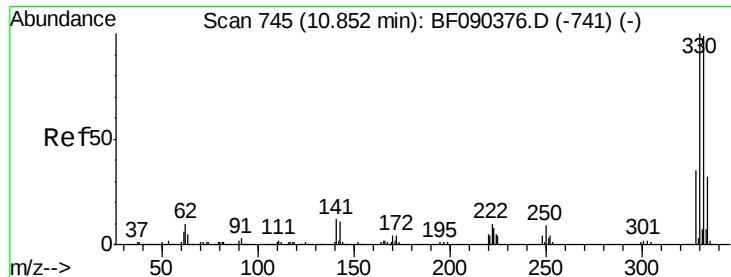
#40  
 Hexachlorocyclopentadiene  
 Concen: 47.76 ng  
 RT: 9.15 min Scan# 596  
 Delta R.T. -0.02 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 361886 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.8  | 43.6  | 83.6   |
| 272      | 12.1  | 0.0   | 32.7   |



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

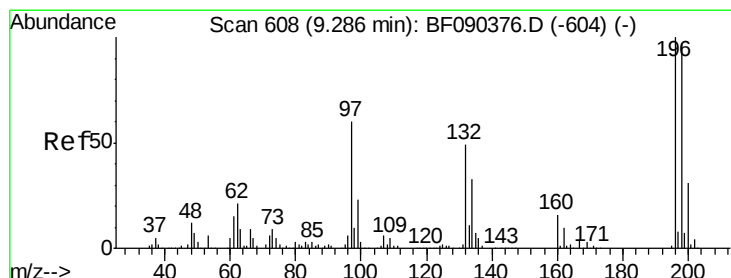
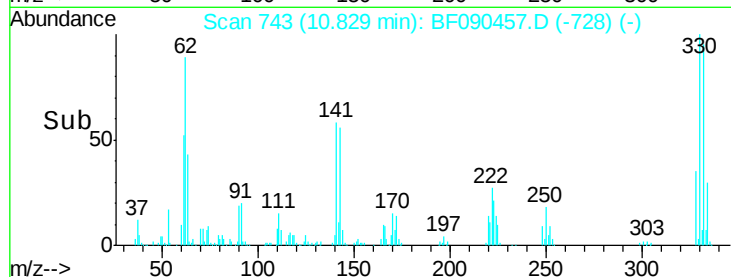
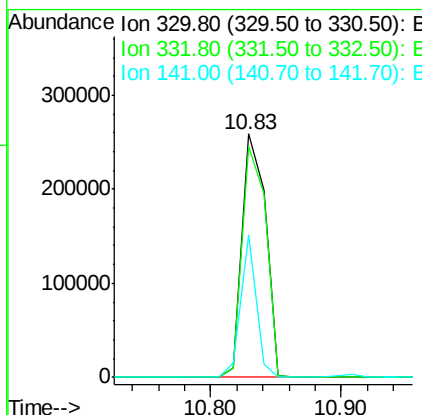
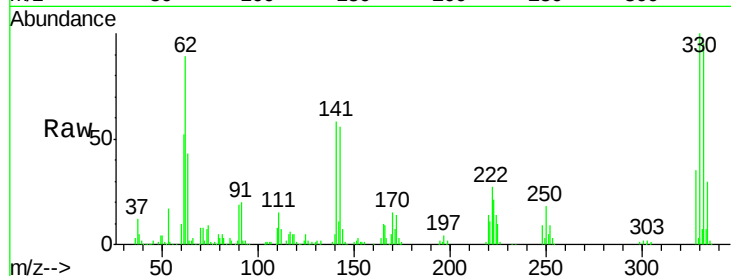




#41  
 2,4,6-Tribromophenol  
 Concen: 75.66 ng  
 RT: 10.83 min Scan# 743  
 Delta R.T. -0.02 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

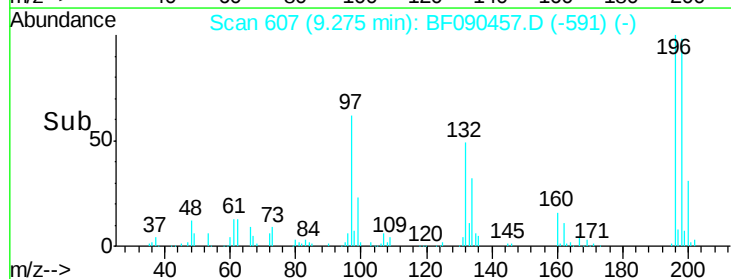
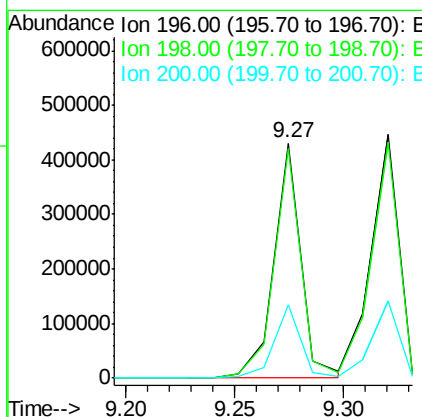
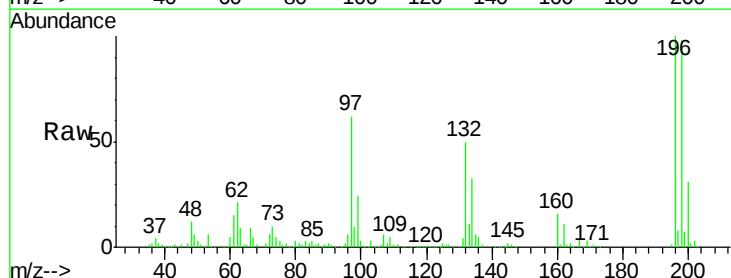
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93841BSD

Tgt Ion:330 Resp: 322563  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 75.4 113.0  
 141 38.6 26.9 40.3



#42  
 2,4,6-Trichlorophenol  
 Concen: 39.46 ng  
 RT: 9.27 min Scan# 607  
 Delta R.T. -0.01 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Tgt Ion:196 Resp: 376402  
 Ion Ratio Lower Upper  
 196 100  
 198 97.8 78.9 118.3  
 200 31.3 25.4 38.2

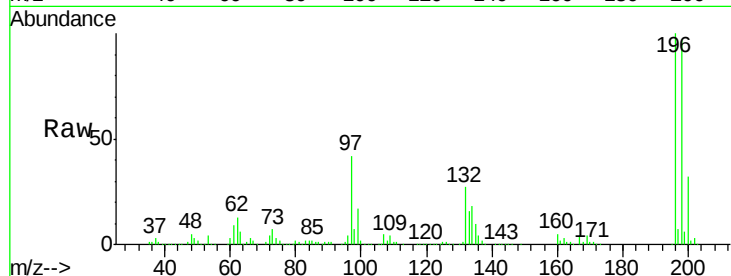




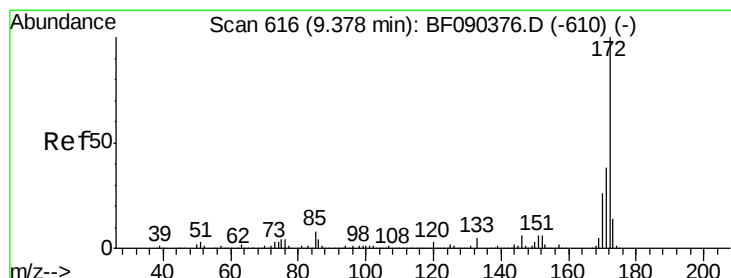
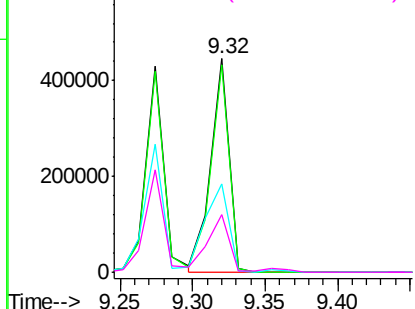
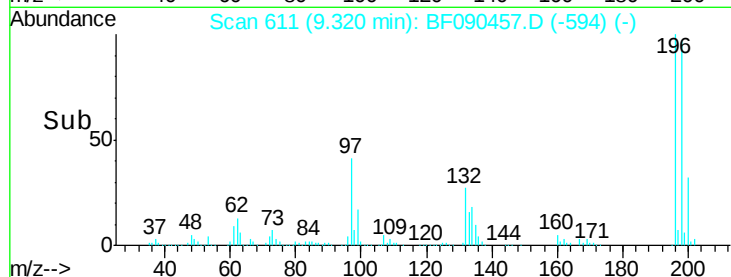
#43  
 2,4,5-Trichlorophenol  
 Concen: 43.70 ng  
 RT: 9.32 min Scan# 611  
 Delta R.T. -0.00 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93841BSD

Tgt Ion:196 Resp: 394214  
 Ion Ratio Lower Upper  
 196 100  
 198 97.1 78.1 117.1  
 97 41.5 48.1 72.1#  
 132 27.1 27.4 41.2#

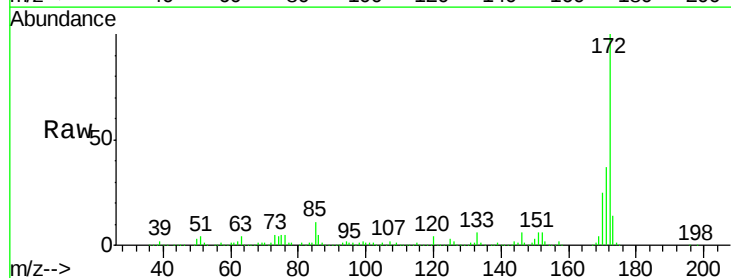


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

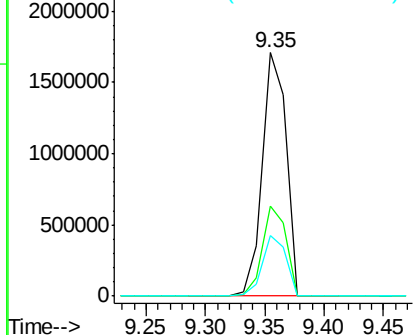
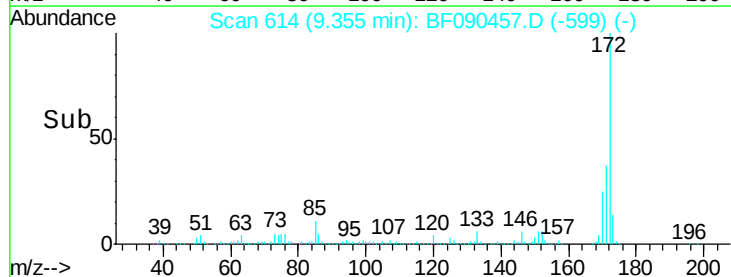


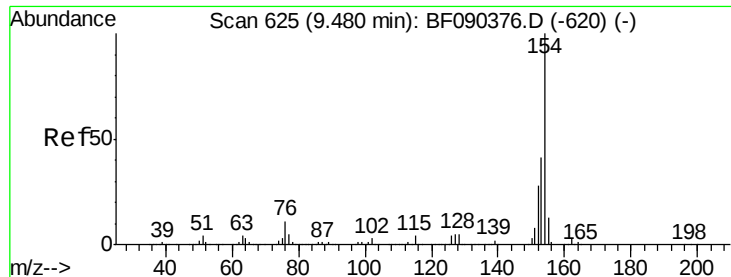
#44  
 2-Fluorobiphenyl  
 Concen: 76.70 ng  
 RT: 9.35 min Scan# 614  
 Delta R.T. -0.02 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Tgt Ion:172 Resp: 2413733  
 Ion Ratio Lower Upper  
 172 100  
 171 37.2 31.8 47.8  
 170 25.0 21.7 32.5



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

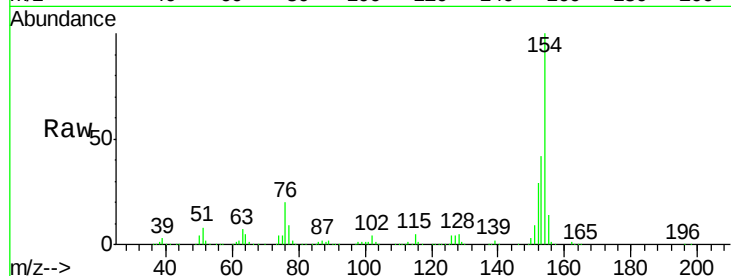




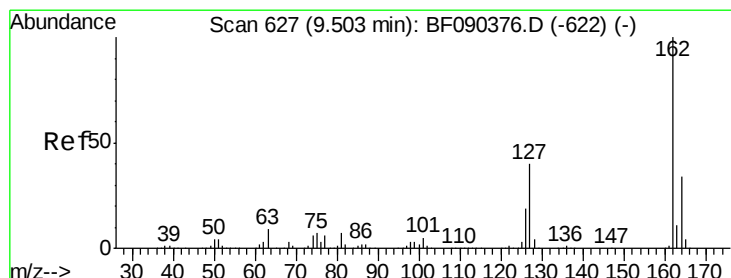
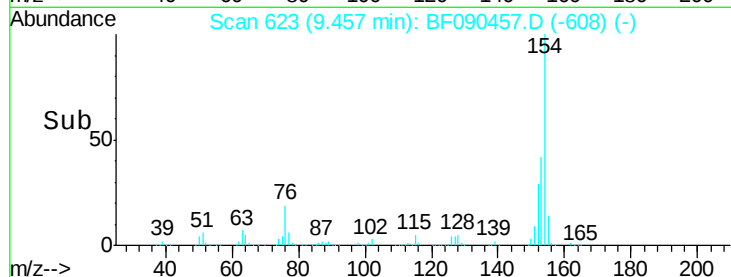
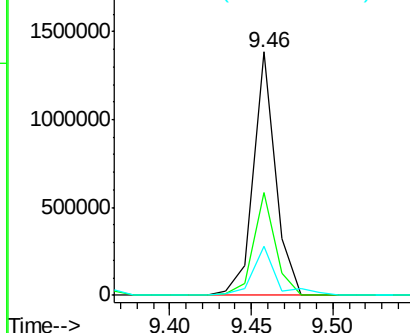
#45  
 1,1'-Biphenyl  
 Concen: 33.65 ng  
 RT: 9.46 min Scan# 623  
 Delta R.T. -0.02 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93841BSD

Tgt Ion:154 Resp: 1307517  
 Ion Ratio Lower Upper  
 154 100  
 153 42.0 23.8 63.8  
 76 19.9 0.0 35.8

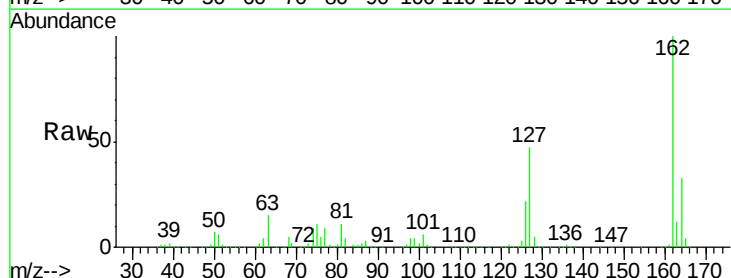


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

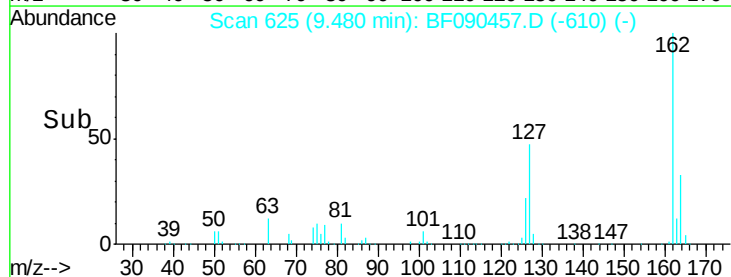
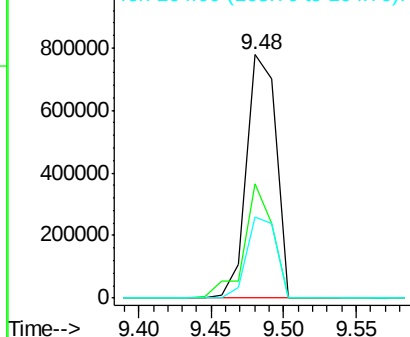


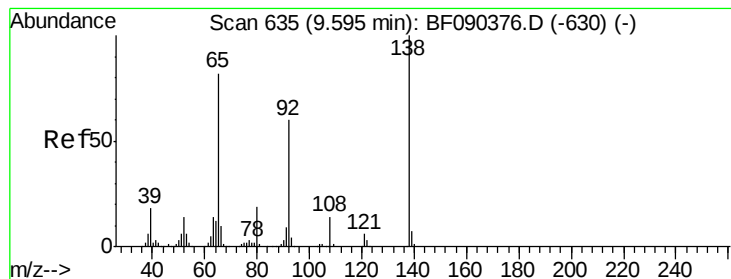
#46  
 2-Chloronaphthalene  
 Concen: 38.18 ng  
 RT: 9.48 min Scan# 625  
 Delta R.T. -0.02 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Tgt Ion:162 Resp: 1095965  
 Ion Ratio Lower Upper  
 162 100  
 127 47.0 35.6 53.4  
 164 33.2 27.5 41.3



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: 38.39 ng

RT: 9.58 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

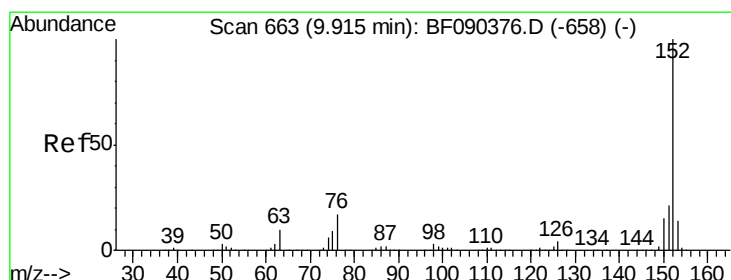
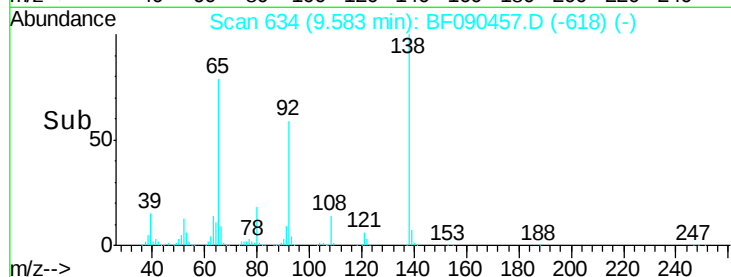
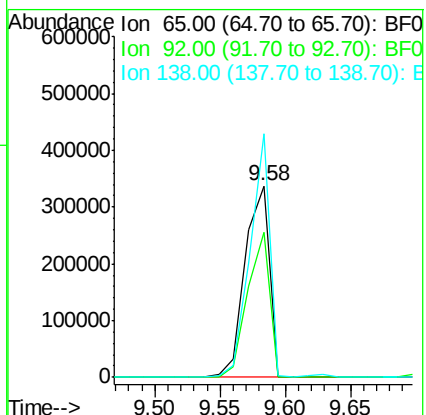
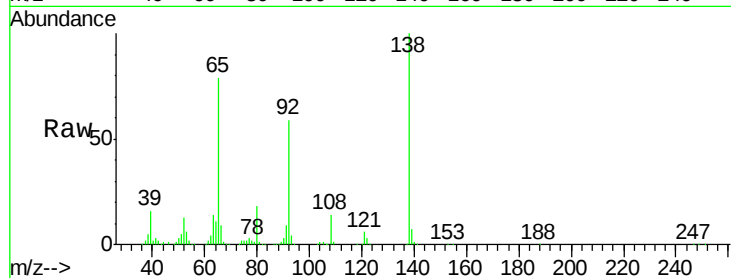
Tgt Ion: 65 Resp: 434873

Ion Ratio Lower Upper

65 100

92 75.5 51.7 77.5

138 127.2 79.0 118.4#



#48

Acenaphthylene

Concen: 36.64 ng

RT: 9.90 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

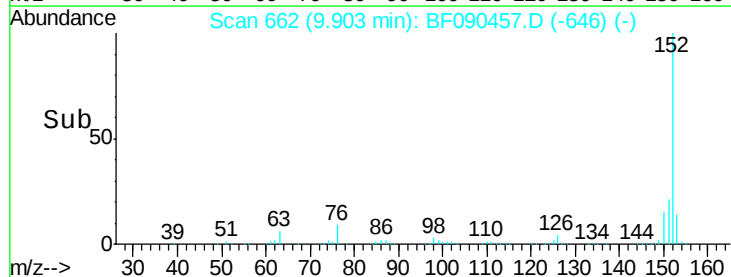
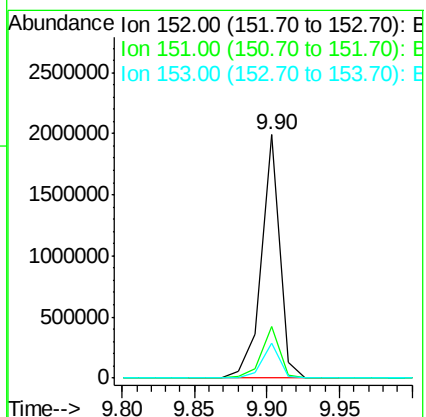
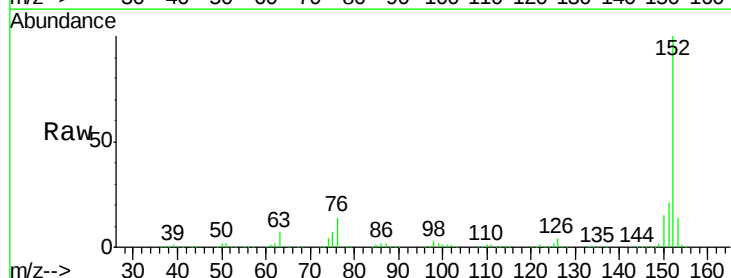
Tgt Ion: 152 Resp: 1735677

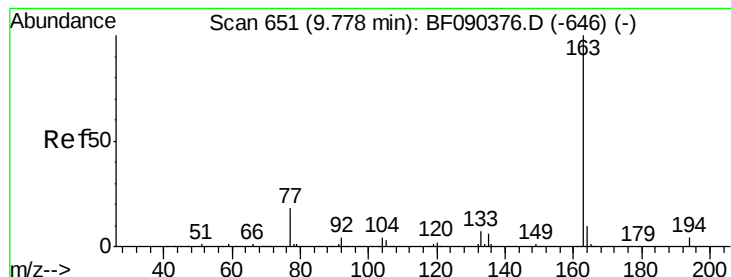
Ion Ratio Lower Upper

152 100

151 21.4 17.4 26.0

153 14.2 11.6 17.4





#49

Dimethylphthalate

Concen: 41.88 ng

RT: 9.77 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

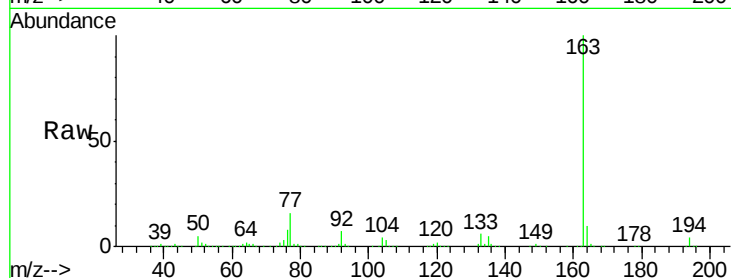
Tgt Ion:163 Resp: 1406208

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

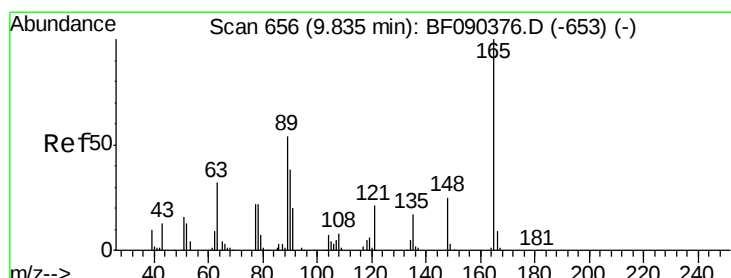
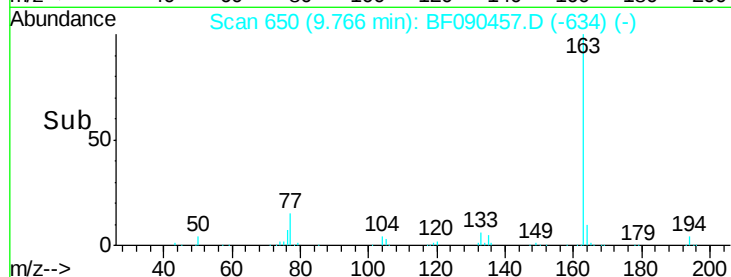
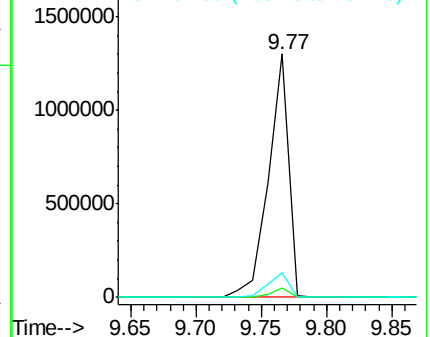
164 10.2 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.52 ng

RT: 9.82 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

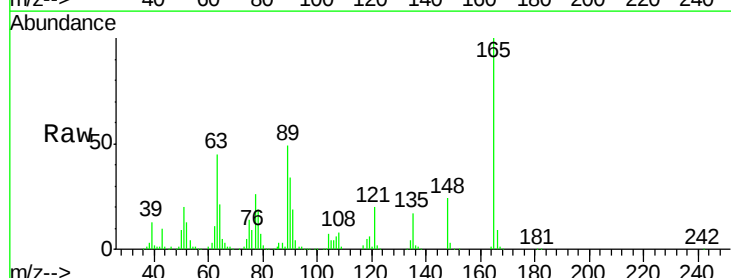
Tgt Ion:165 Resp: 324435

Ion Ratio Lower Upper

165 100

63 45.3 58.0 87.0#

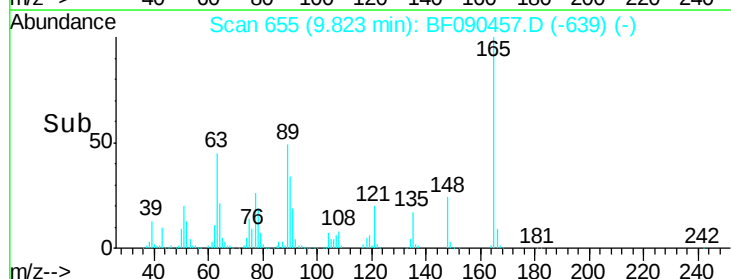
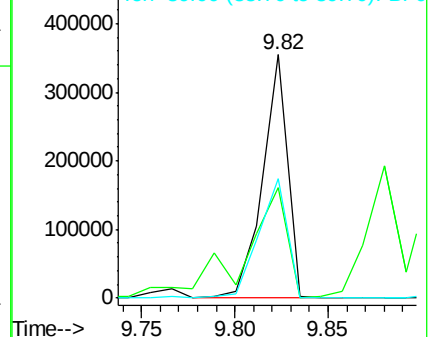
89 48.9 51.2 76.8#

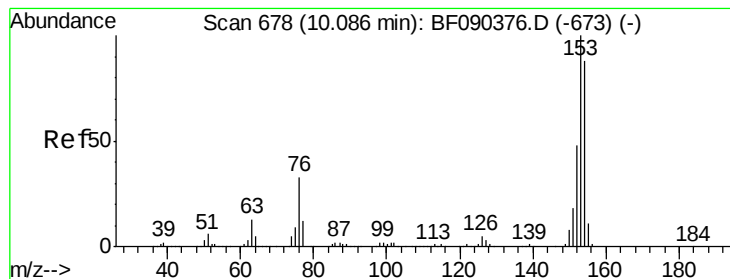


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.38 ng

RT: 10.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

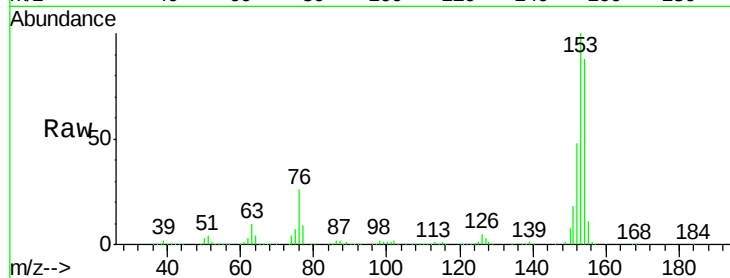
Tgt Ion:154 Resp: 1074562

Ion Ratio Lower Upper

154 100

153 114.0 88.6 133.0

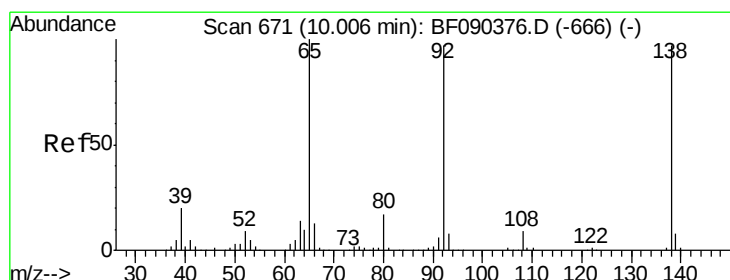
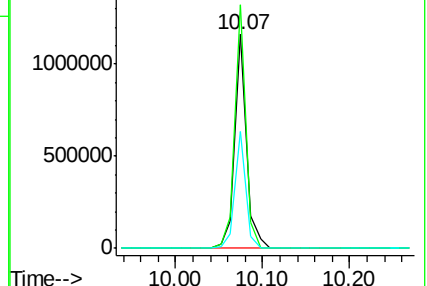
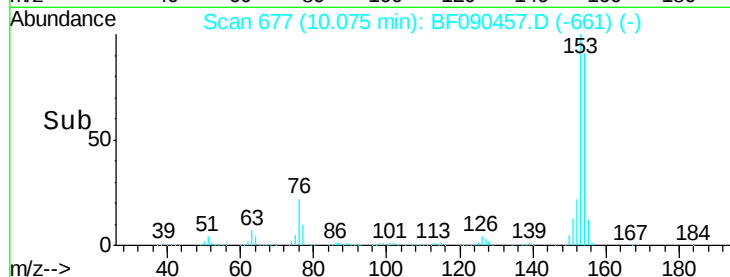
152 55.0 42.6 64.0



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: 20.08 ng

RT: 9.98 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

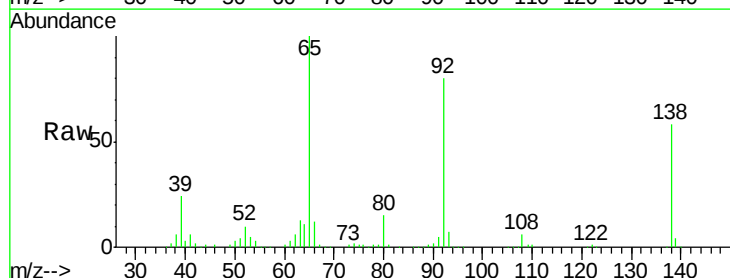
Tgt Ion:138 Resp: 174901

Ion Ratio Lower Upper

138 100

108 11.0 9.7 14.5

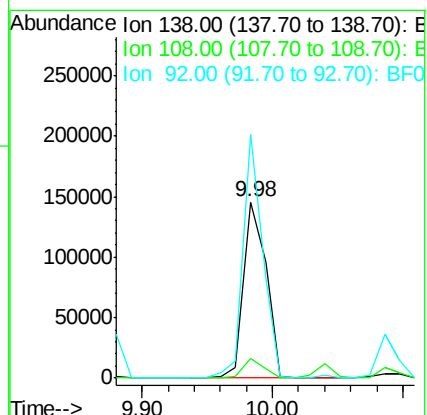
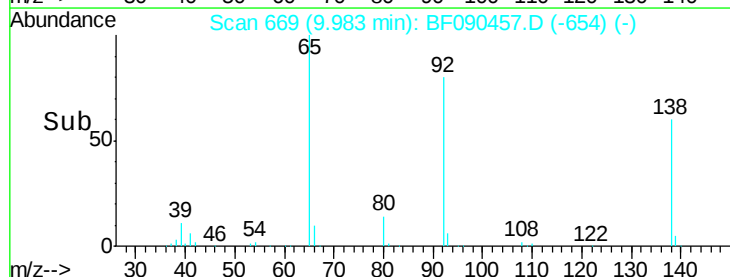
92 138.1 97.1 145.7

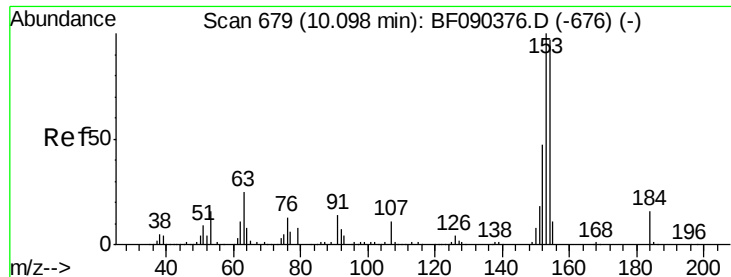


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

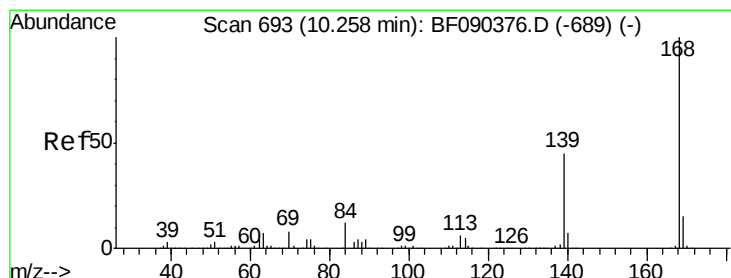
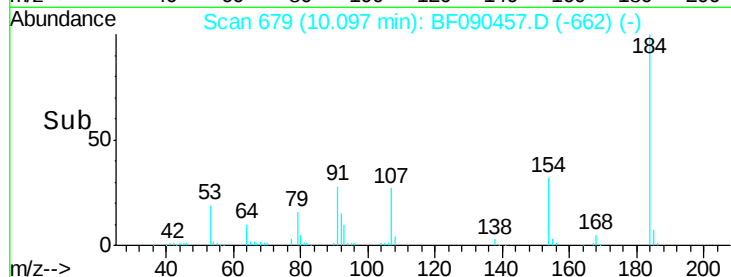
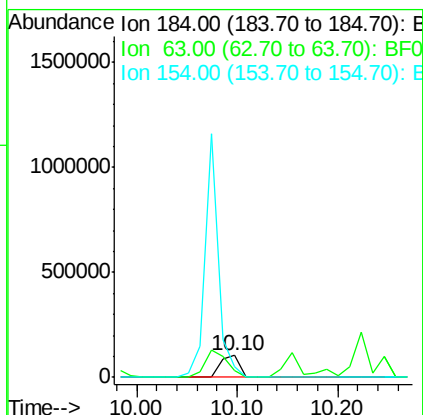
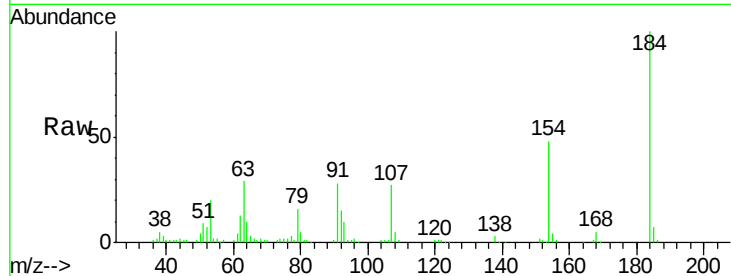




#53  
 2,4-Dinitrophenol  
 Concen: 40.73 ng  
 RT: 10.10 min Scan# 679  
 Delta R.T. -0.00 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

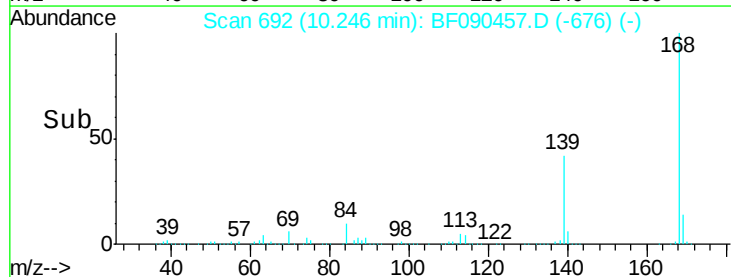
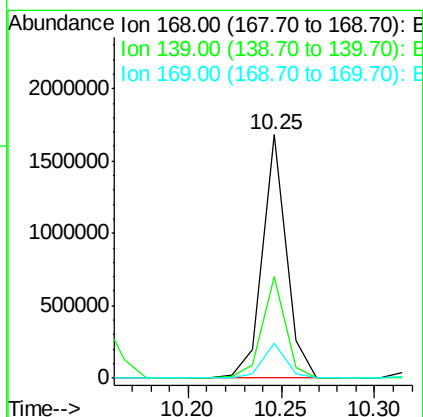
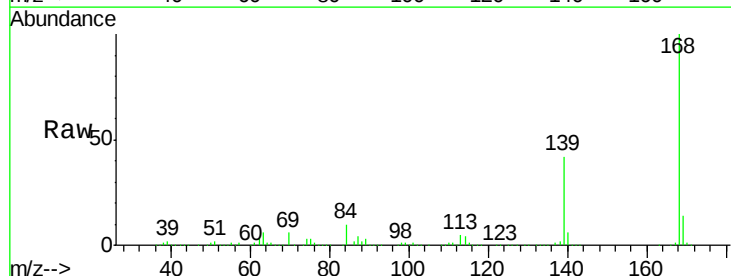
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93841BSD

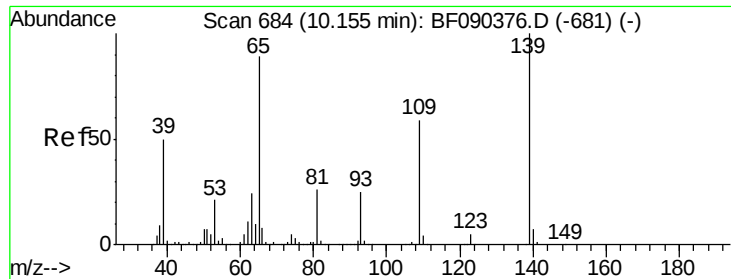
Tgt Ion:184 Resp: 135386  
 Ion Ratio Lower Upper  
 184 100  
 63 29.0 41.9 62.9#  
 154 48.4 48.9 73.3#



#54  
 Dibenzofuran  
 Concen: 38.81 ng  
 RT: 10.25 min Scan# 692  
 Delta R.T. -0.01 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Tgt Ion:168 Resp: 1483560  
 Ion Ratio Lower Upper  
 168 100  
 139 41.8 29.6 44.4  
 169 14.3 11.3 16.9

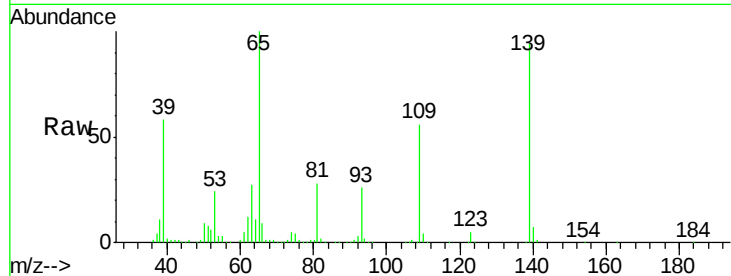




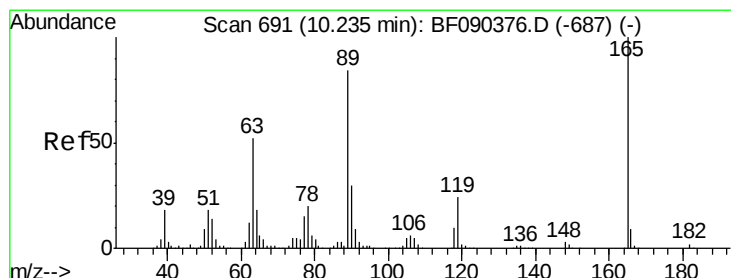
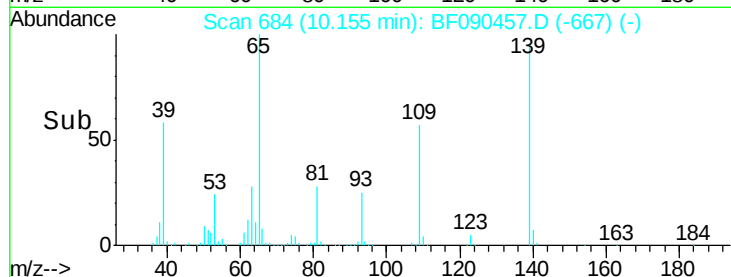
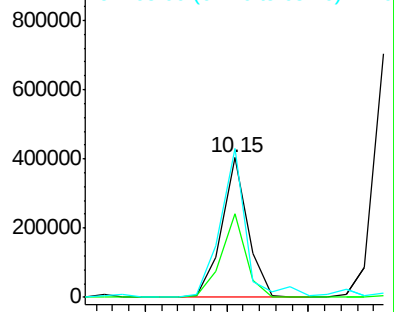
#55  
4-Nitrophenol  
Concen: 59.15 ng  
RT: 10.15 min Scan# 684  
Delta R.T. -0.00 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB93841BSD

Tgt Ion:139 Resp: 450746  
Ion Ratio Lower Upper  
139 100  
109 59.6 43.6 83.6  
65 106.1 87.5 127.5

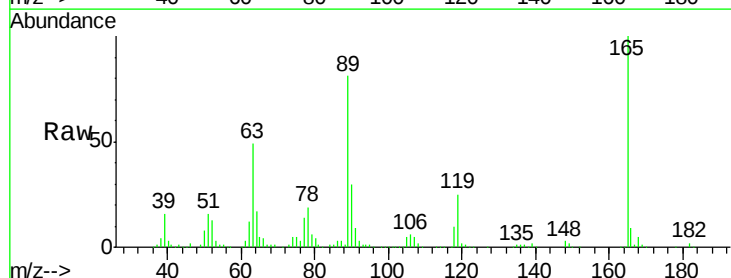


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

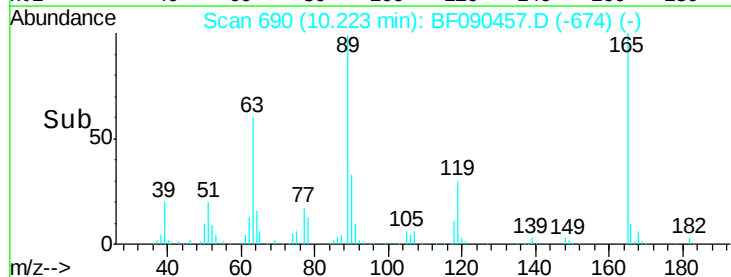
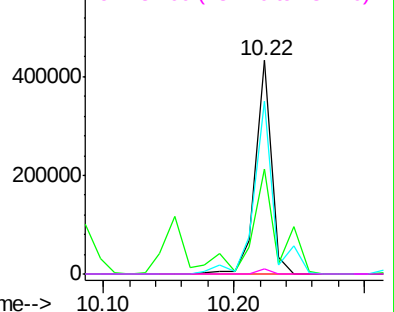


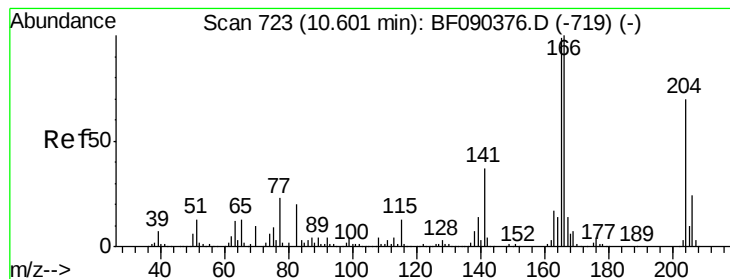
#56  
2,4-Dinitrotoluene  
Concen: 37.79 ng  
RT: 10.22 min Scan# 690  
Delta R.T. -0.01 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Tgt Ion:165 Resp: 374971  
Ion Ratio Lower Upper  
165 100  
63 49.1 17.8 26.6#  
89 81.2 33.2 49.8#  
182 2.2 2.1 3.1



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: 36.46 ng

RT: 10.59 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

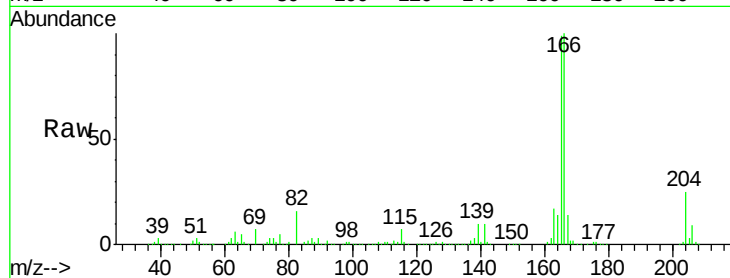
Tgt Ion:166 Resp: 1171198

Ion Ratio Lower Upper

166 100

165 99.0 79.2 118.8

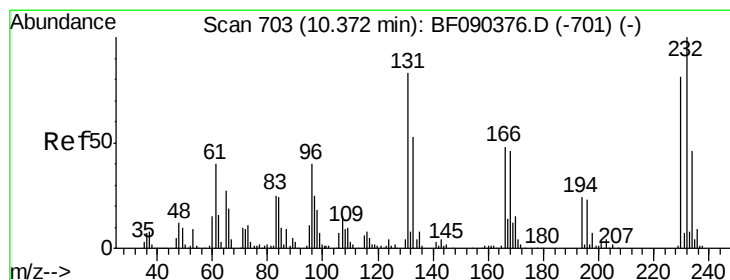
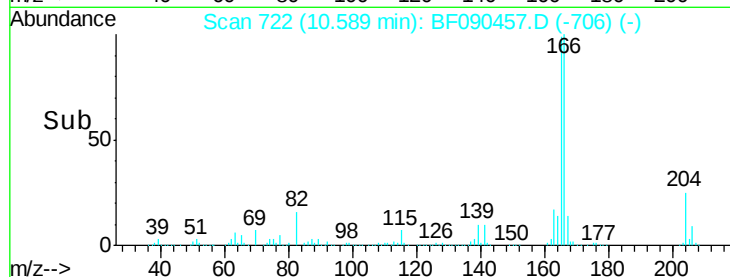
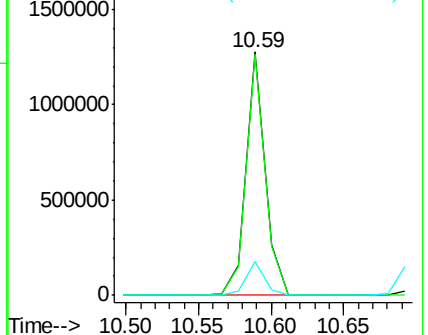
167 14.0 11.1 16.7



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: 42.09 ng

RT: 10.37 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Tgt Ion:232 Resp: 283529

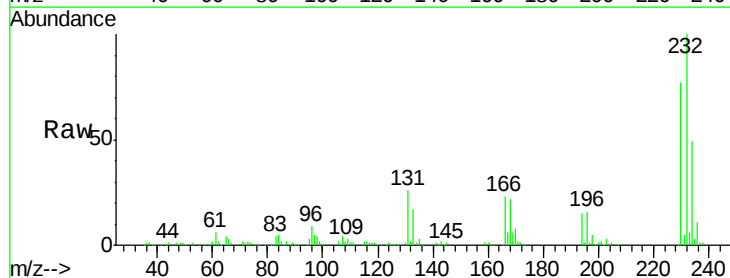
Ion Ratio Lower Upper

232 100

131 53.0 34.5 51.7#

130 2.3 1.6 2.4

166 35.1 23.8 35.8

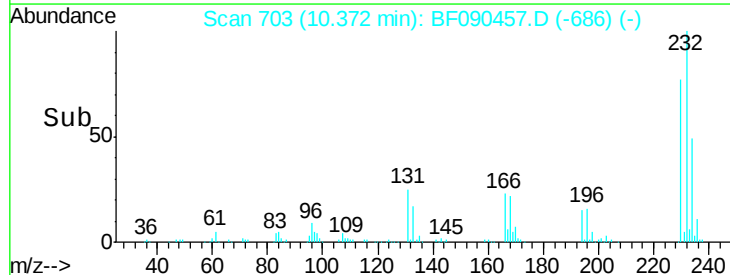
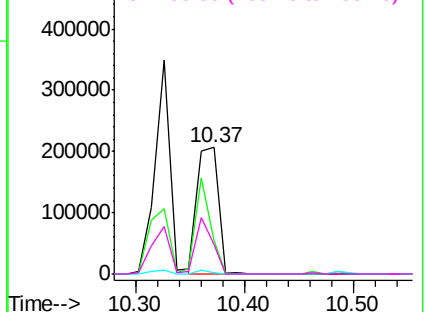


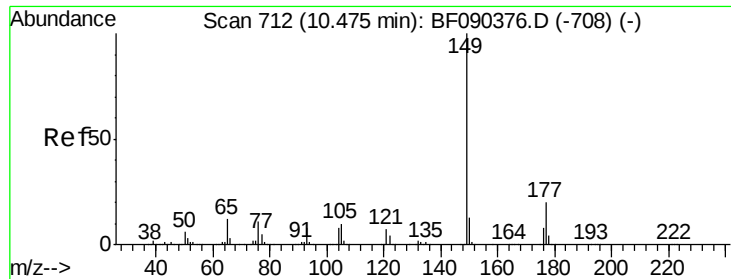
Abundance Ion 232.00 (231.70 to 232.70): E

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

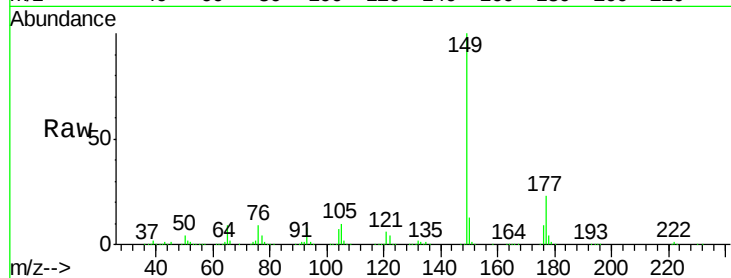




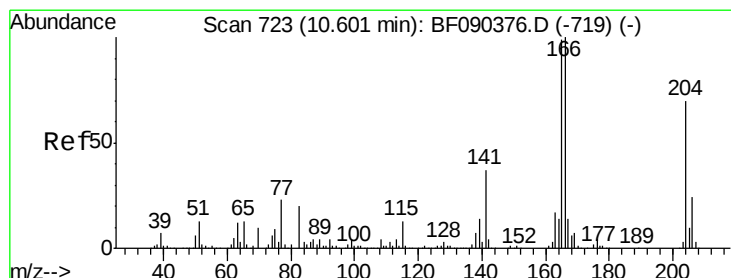
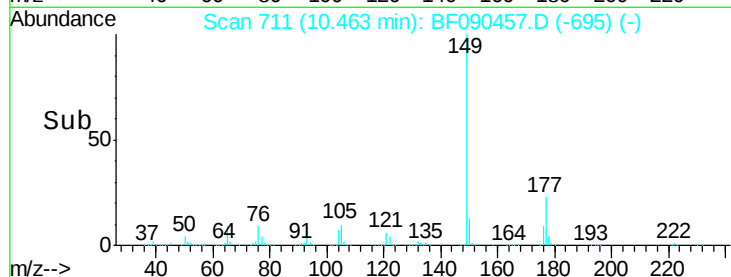
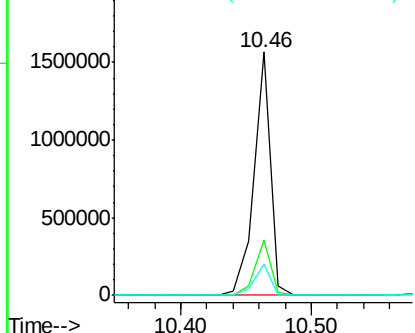
#59  
Diethylphthalate  
Concen: 39.75 ng  
RT: 10.46 min Scan# 711  
Delta R.T. -0.01 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB93841BSD

Tgt Ion:149 Resp: 1381071  
Ion Ratio Lower Upper  
149 100  
177 22.7 21.1 31.7  
150 13.0 10.2 15.2

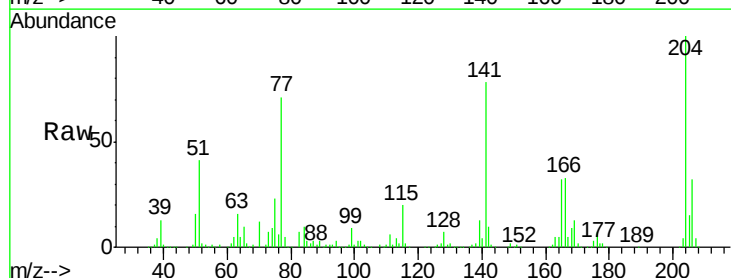


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

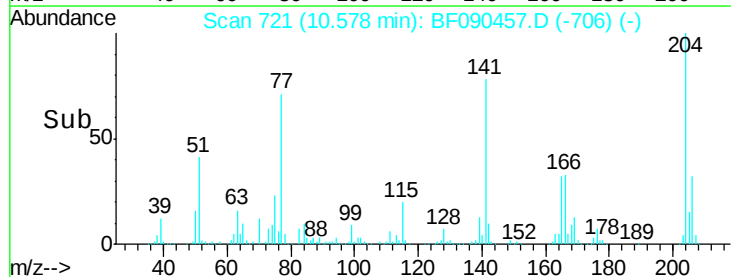
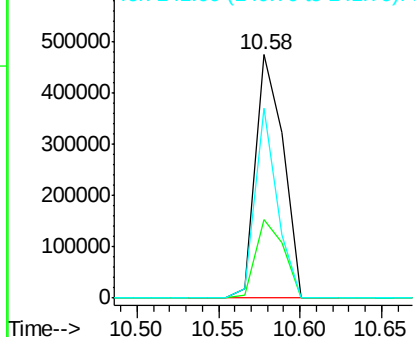


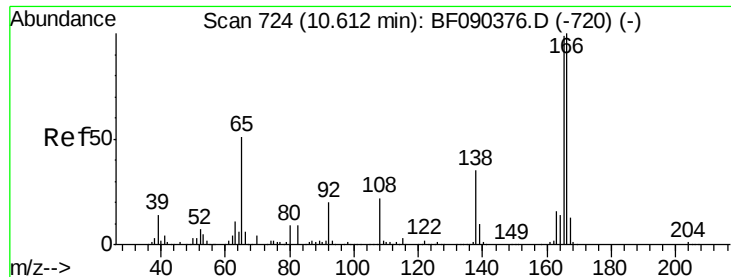
#60  
4-Chlorophenyl-phenylether  
Concen: 38.39 ng  
RT: 10.58 min Scan# 721  
Delta R.T. -0.02 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Tgt Ion:204 Resp: 560780  
Ion Ratio Lower Upper  
204 100  
206 32.1 26.7 40.1  
141 77.9 51.7 77.5#



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

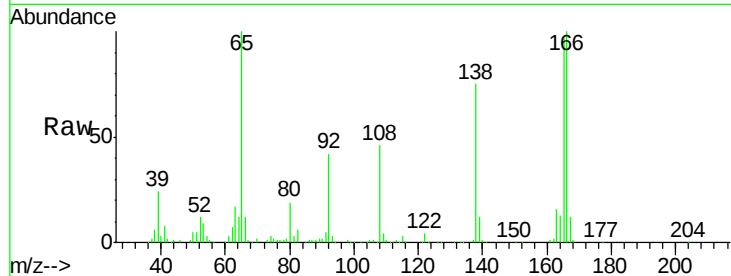




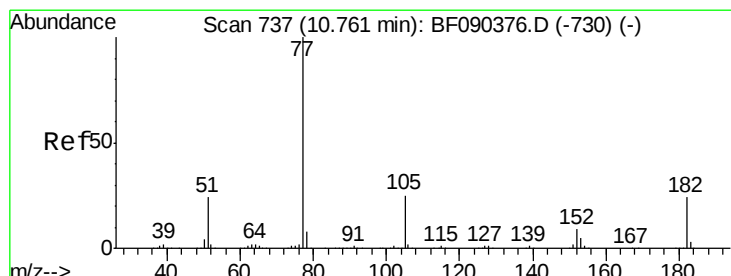
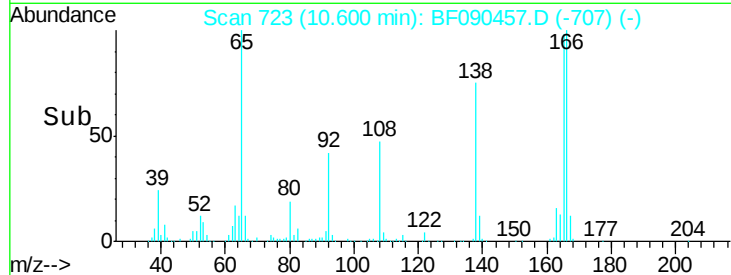
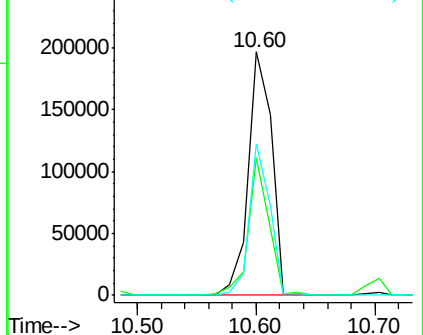
#61  
4-Nitroaniline  
Concen: 31.13 ng  
RT: 10.60 min Scan# 723  
Delta R.T. -0.01 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB93841BSD

Tgt Ion:138 Resp: 273196  
Ion Ratio Lower Upper  
138 100  
92 56.5 33.2 73.2  
108 62.0 48.5 88.5



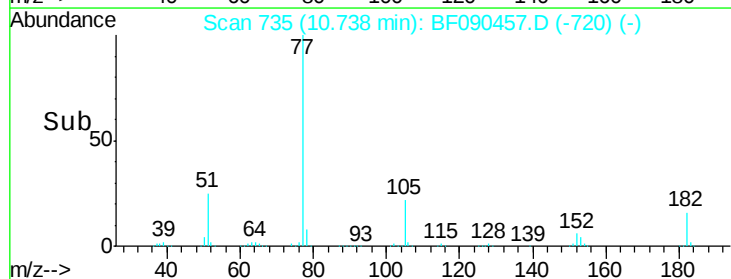
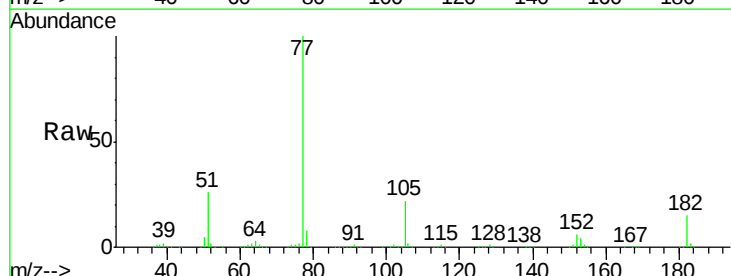
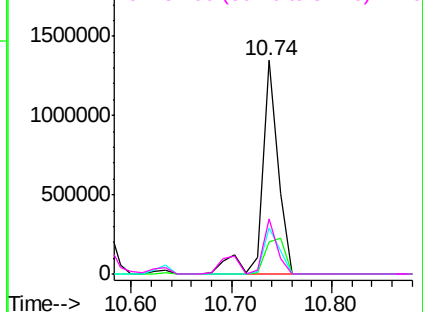
Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

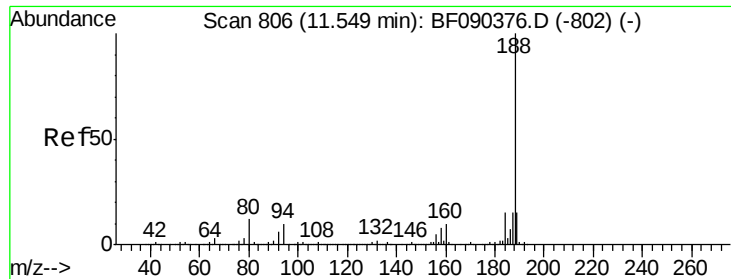


#62  
Azobenzene  
Concen: 37.23 ng  
RT: 10.74 min Scan# 735  
Delta R.T. -0.02 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Tgt Ion: 77 Resp: 1494167  
Ion Ratio Lower Upper  
77 100  
182 15.3 3.2 43.2  
105 21.6 2.9 42.9  
51 25.8 14.2 54.2

Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0

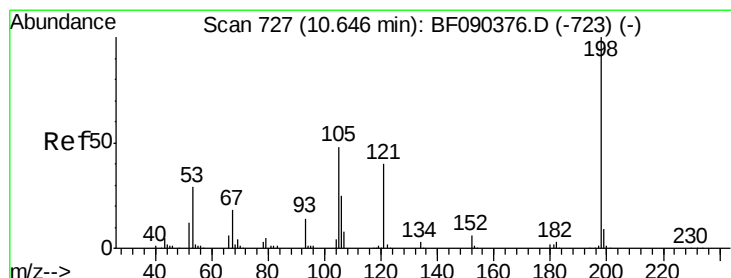
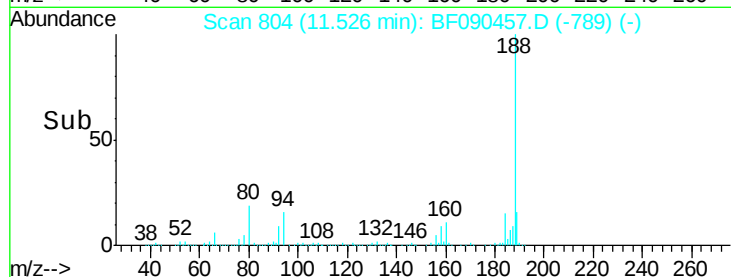
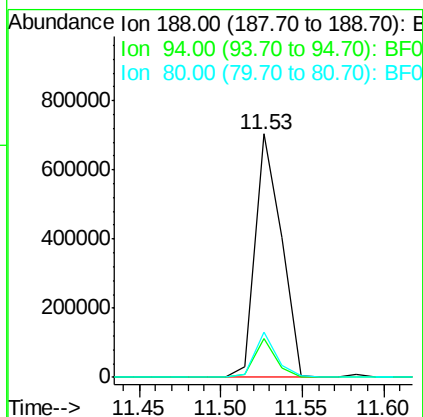
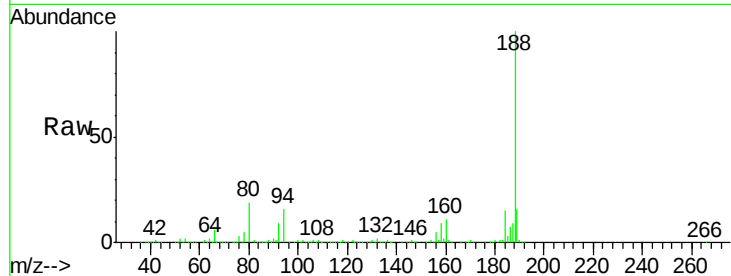




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.53 min Scan# 804  
 Delta R.T. -0.02 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

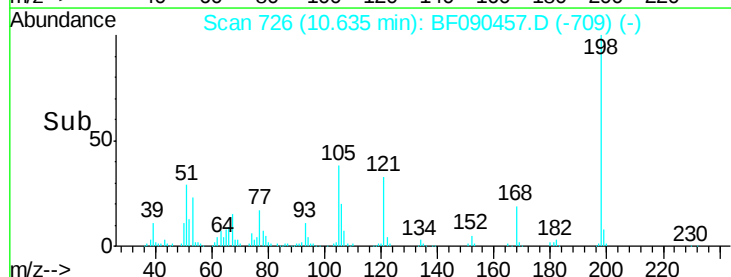
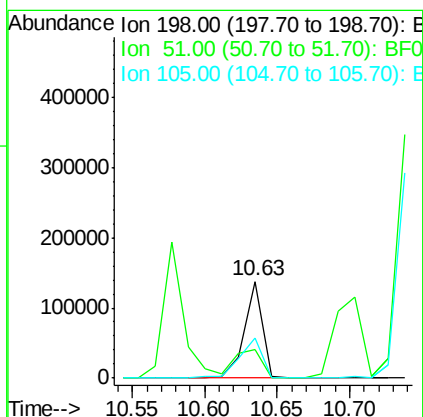
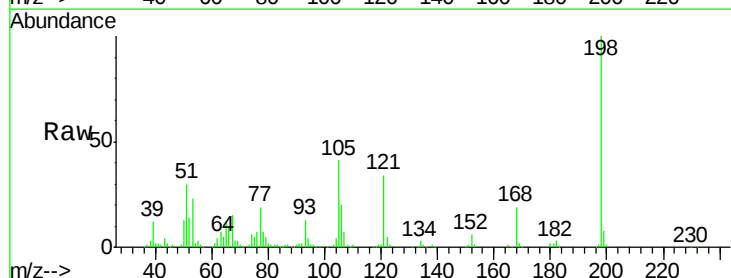
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93841BSD

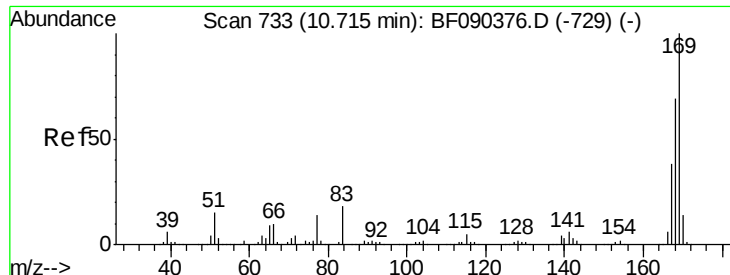
Tgt Ion:188 Resp: 787576  
 Ion Ratio Lower Upper  
 188 100  
 94 15.7 8.2 12.2#  
 80 18.6 8.8 13.2#



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 25.22 ng  
 RT: 10.63 min Scan# 726  
 Delta R.T. -0.01 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Tgt Ion:198 Resp: 118633  
 Ion Ratio Lower Upper  
 198 100  
 51 29.6 67.3 107.3#  
 105 40.9 42.6 82.6#

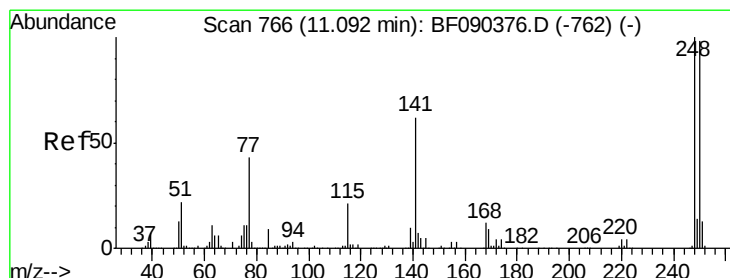
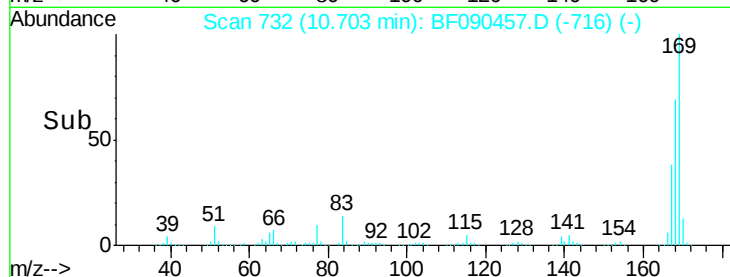
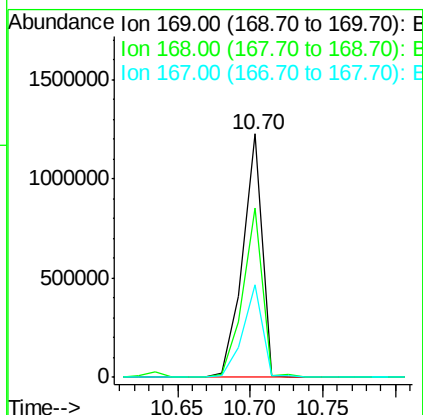
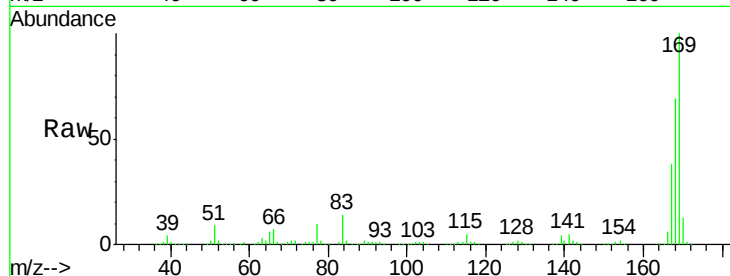




#65  
 n-Nitrosodiphenylamine  
 Concen: 43.48 ng  
 RT: 10.70 min Scan# 732  
 Delta R.T. -0.01 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

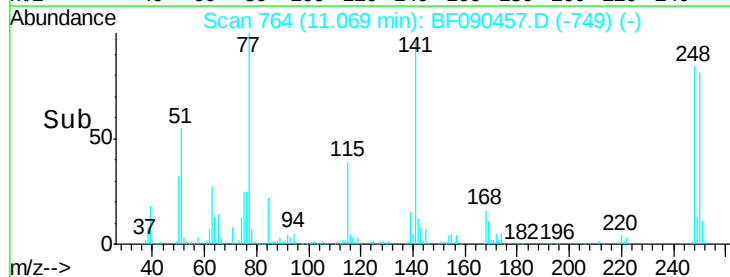
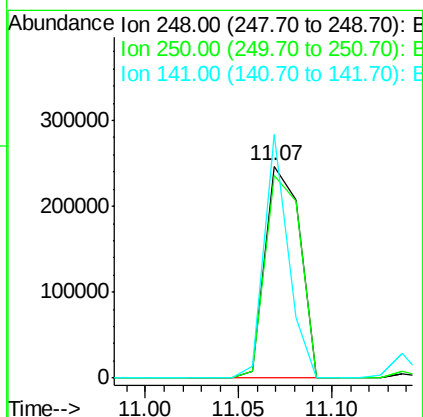
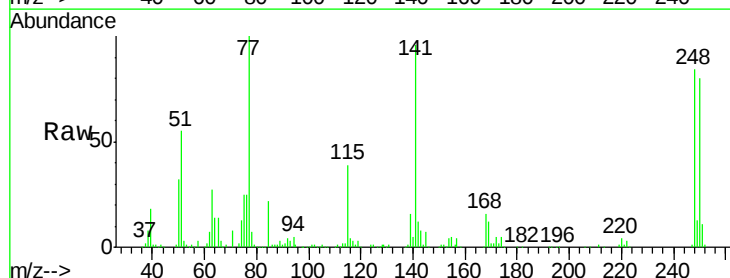
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93841BSD

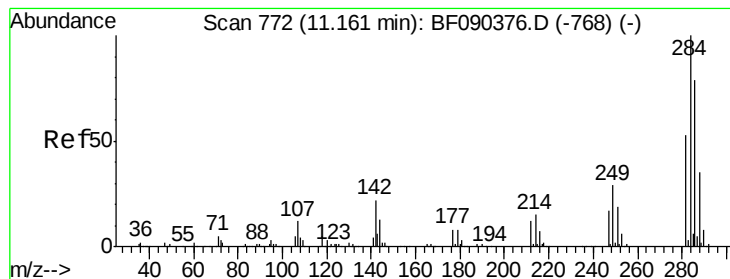
Tgt Ion:169 Resp: 1147398  
 Ion Ratio Lower Upper  
 169 100  
 168 69.5 53.8 80.6  
 167 38.2 29.8 44.8



#66  
 4-Bromophenyl-phenylether  
 Concen: 41.26 ng  
 RT: 11.07 min Scan# 764  
 Delta R.T. -0.02 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Tgt Ion:248 Resp: 318505  
 Ion Ratio Lower Upper  
 248 100  
 250 95.8 76.5 114.7  
 141 114.8 59.8 89.6#





#67

Hexachlorobenzene

Concen: 39.67 ng

RT: 11.14 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

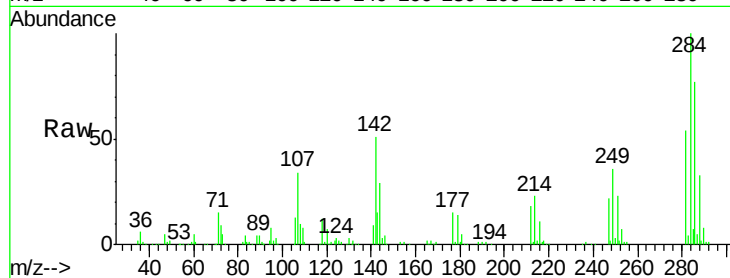
Tgt Ion:284 Resp: 341087

Ion Ratio Lower Upper

284 100

142 51.4 23.1 34.7#

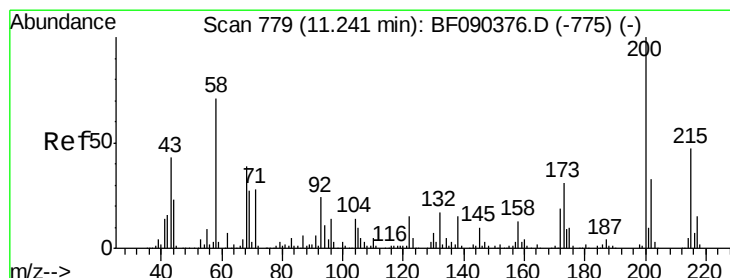
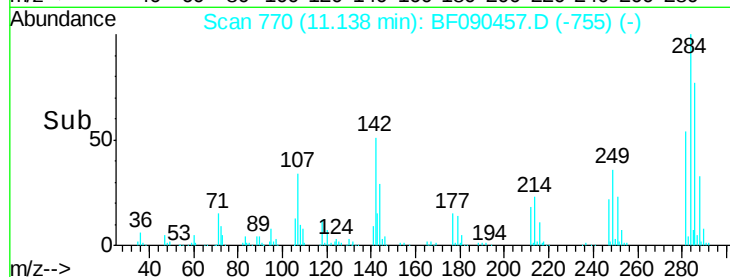
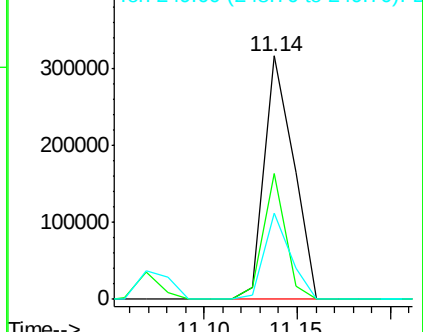
249 35.6 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.98 ng

RT: 11.23 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

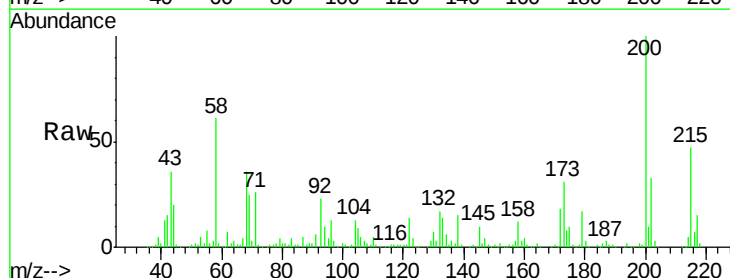
Tgt Ion:200 Resp: 318740

Ion Ratio Lower Upper

200 100

173 31.0 9.0 49.0

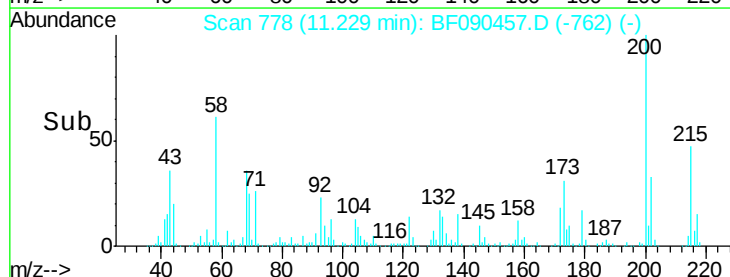
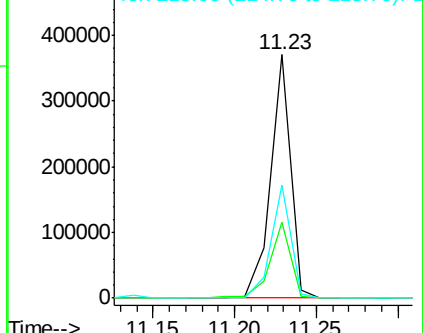
215 46.7 24.8 64.8

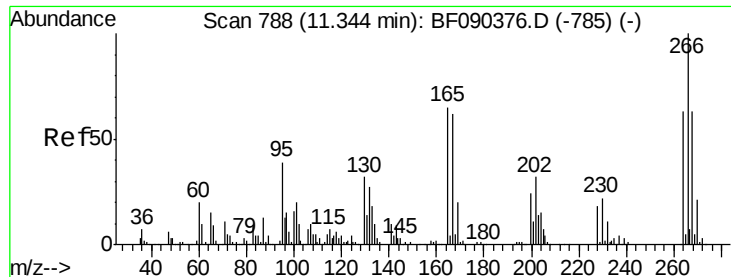


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

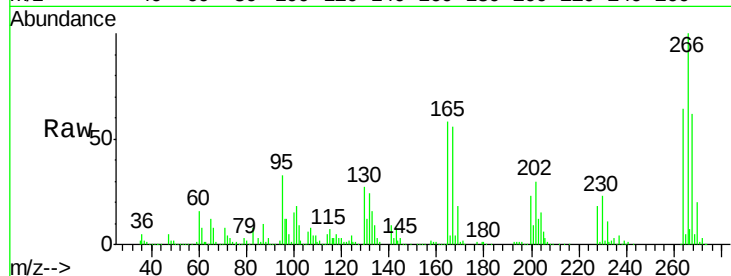




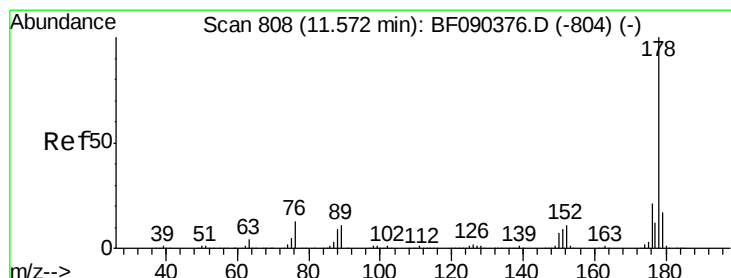
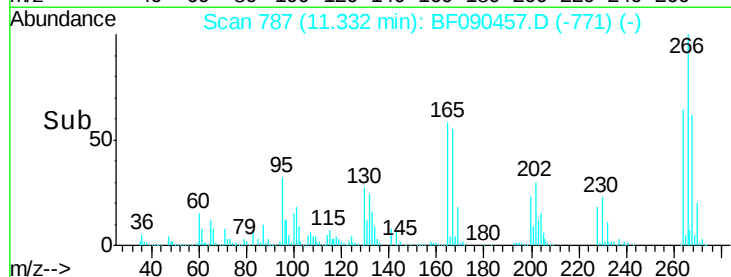
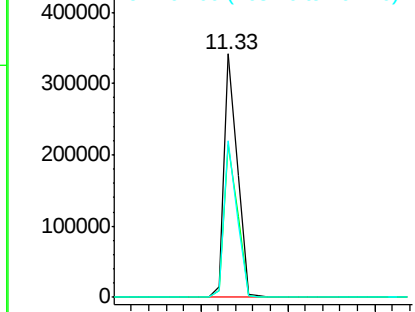
#69  
 Pentachlorophenol  
 Concen: 72.25 ng  
 RT: 11.33 min Scan# 787  
 Delta R.T. -0.01 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93841BSD

Tgt Ion:266 Resp: 369737  
 Ion Ratio Lower Upper  
 266 100  
 268 62.5 50.9 76.3  
 264 64.2 51.5 77.3

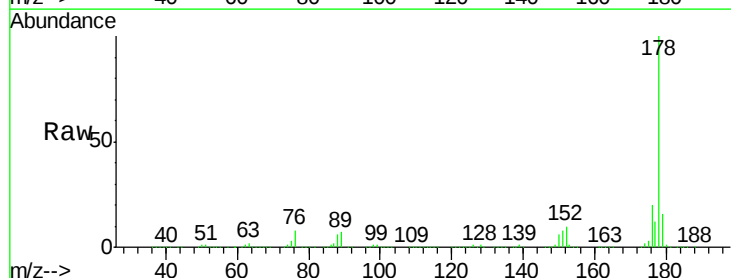


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

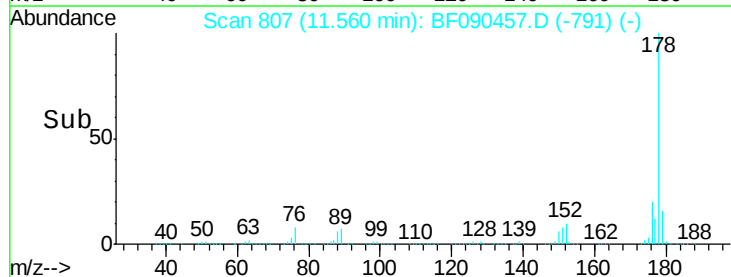
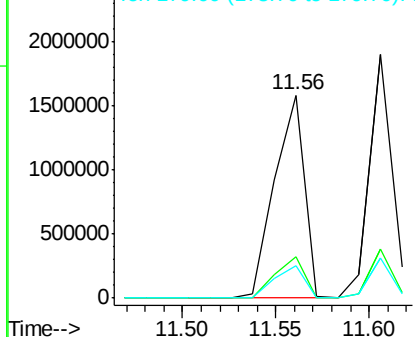


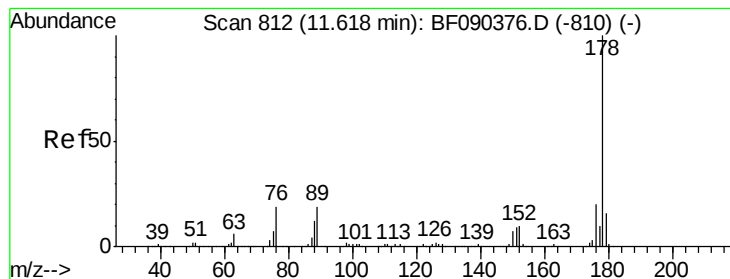
#70  
 Phenanthrene  
 Concen: 43.43 ng  
 RT: 11.56 min Scan# 807  
 Delta R.T. -0.01 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Tgt Ion:178 Resp: 1751395  
 Ion Ratio Lower Upper  
 178 100  
 176 20.2 17.3 25.9  
 179 16.0 13.8 20.6



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: 38.82 ng

RT: 11.61 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

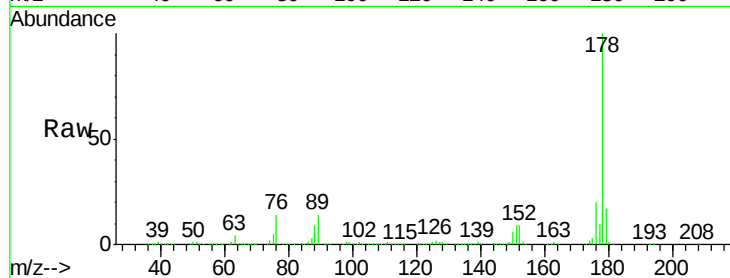
Tgt Ion:178 Resp: 1598590

Ion Ratio Lower Upper

178 100

176 20.2 16.8 25.2

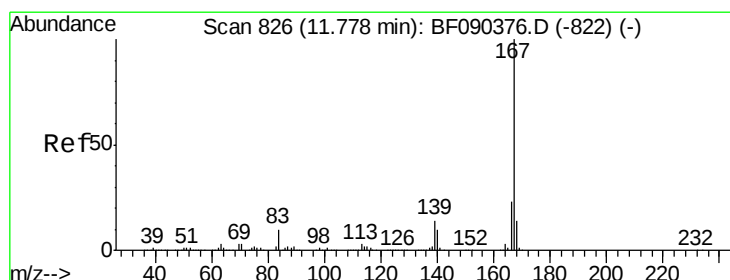
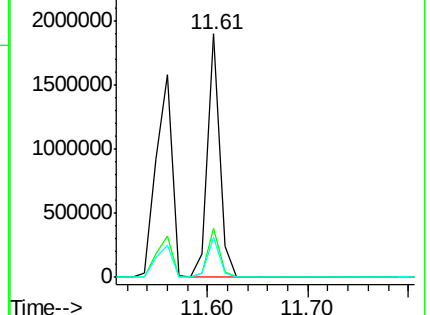
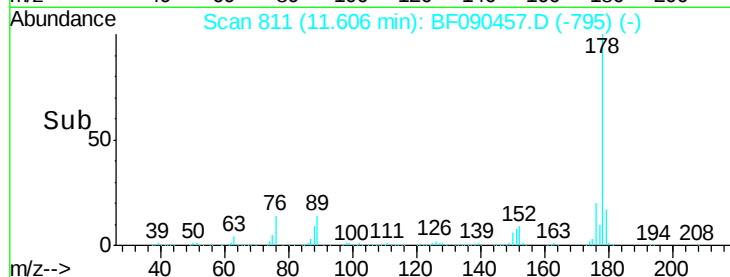
179 16.6 13.4 20.2



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



#72

Carbazole

Concen: 38.30 ng

RT: 11.77 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

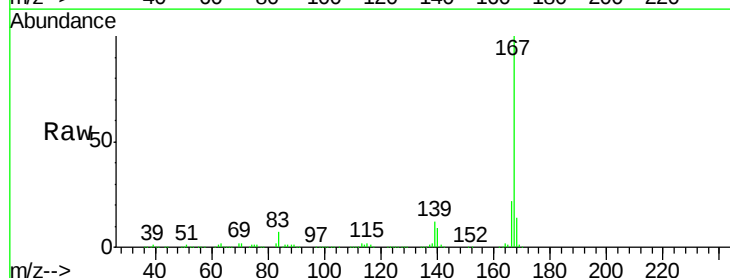
Tgt Ion:167 Resp: 1465594

Ion Ratio Lower Upper

167 100

166 22.4 19.1 28.7

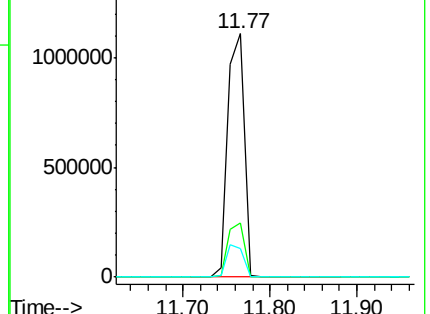
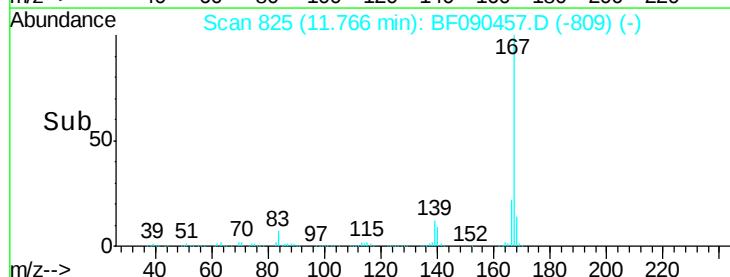
139 11.9 12.1 18.1#

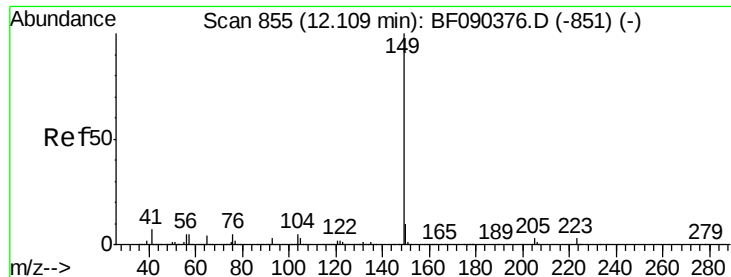


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.70 ng

RT: 12.09 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

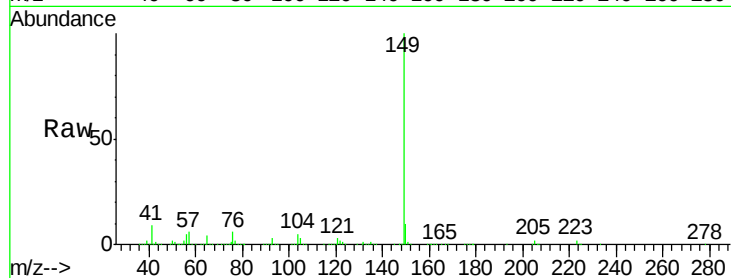
Tgt Ion:149 Resp: 1941647

Ion Ratio Lower Upper

149 100

150 10.1 8.6 12.8

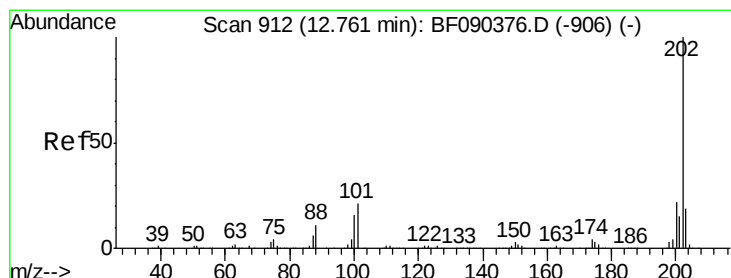
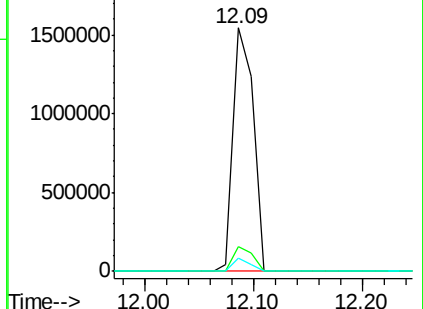
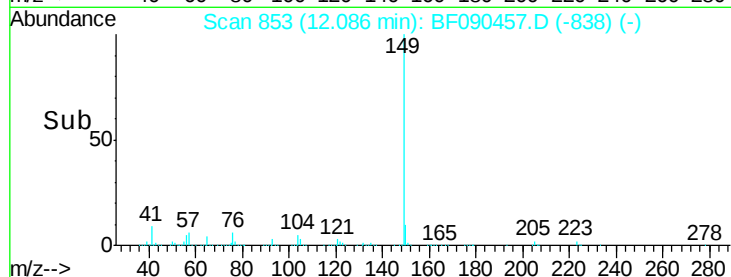
104 5.5 4.7 7.1



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: 38.95 ng

RT: 12.75 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

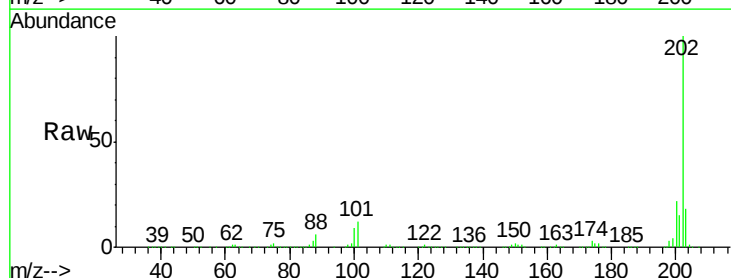
Tgt Ion:202 Resp: 1540598

Ion Ratio Lower Upper

202 100

101 12.2 0.0 37.2

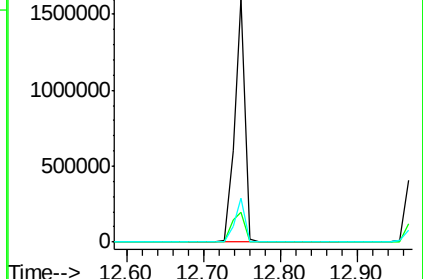
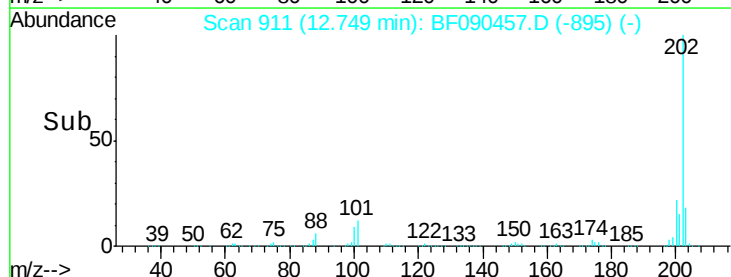
203 18.1 0.0 39.3

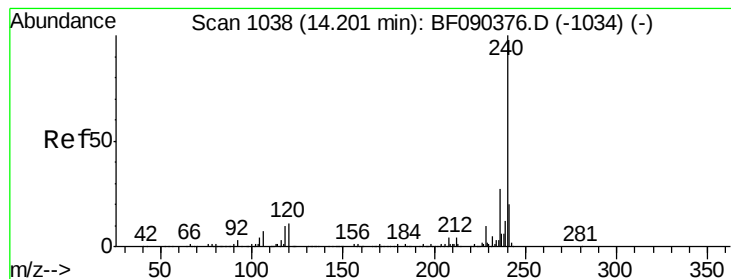


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD

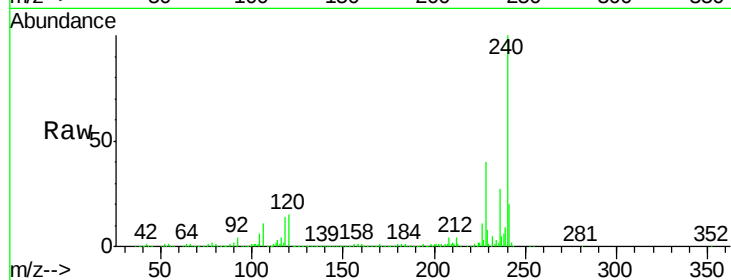
Tgt Ion:240 Resp: 513935

Ion Ratio Lower Upper

240 100

120 15.0 8.6 13.0#

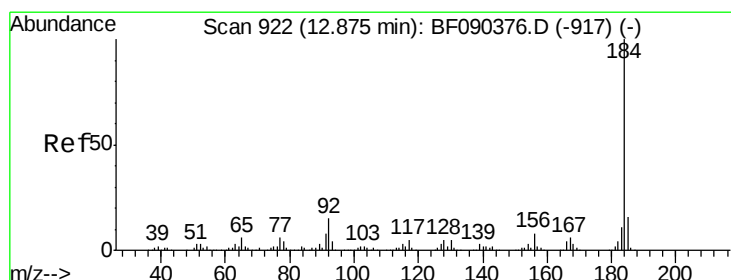
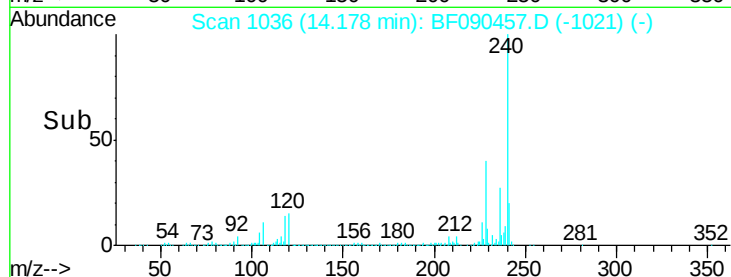
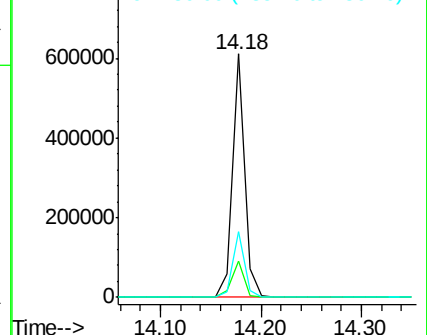
236 27.1 21.6 32.4



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: 42.11 ng

RT: 12.86 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF090457.D

Acq: 7 Oct 2016 21:29

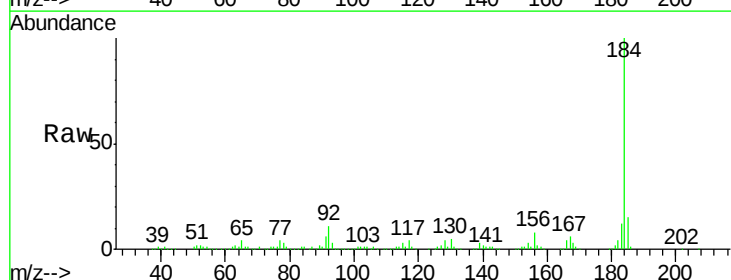
Tgt Ion:184 Resp: 569048

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.8

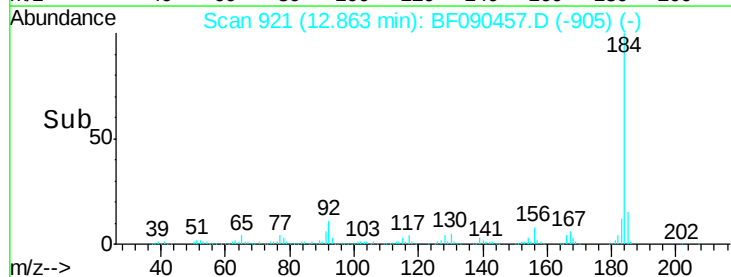
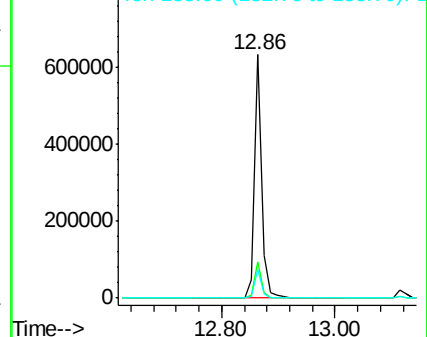
183 11.7 9.6 14.4

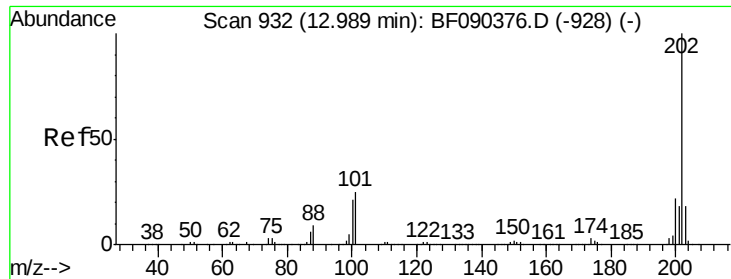


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

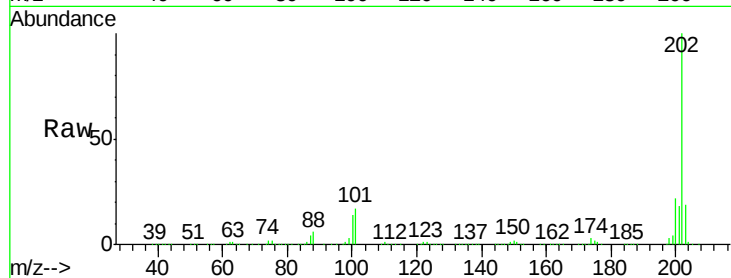




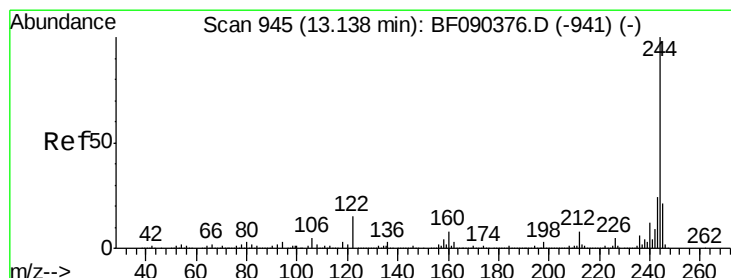
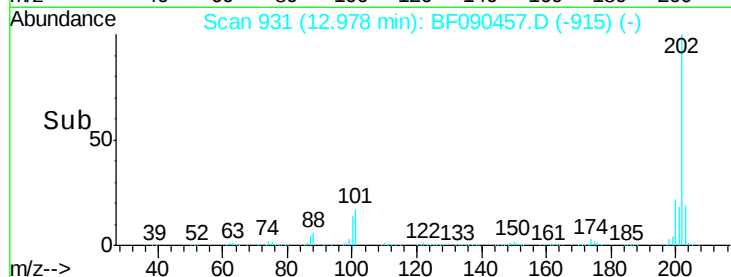
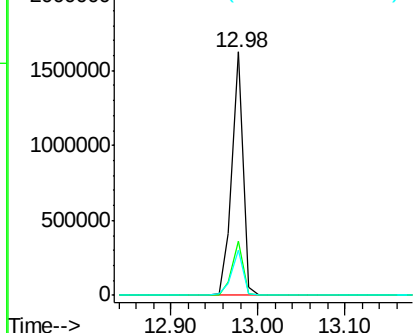
#77  
 Pyrene  
 Concen: 42.25 ng  
 RT: 12.98 min Scan# 931  
 Delta R.T. -0.01 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93841BSD

Tgt Ion:202 Resp: 1447829  
 Ion Ratio Lower Upper  
 202 100  
 200 22.5 18.5 27.7  
 203 18.7 15.0 22.6

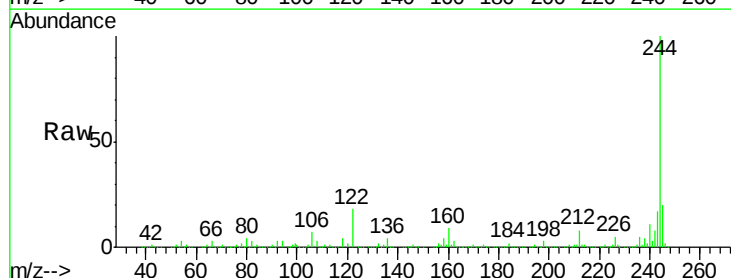


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

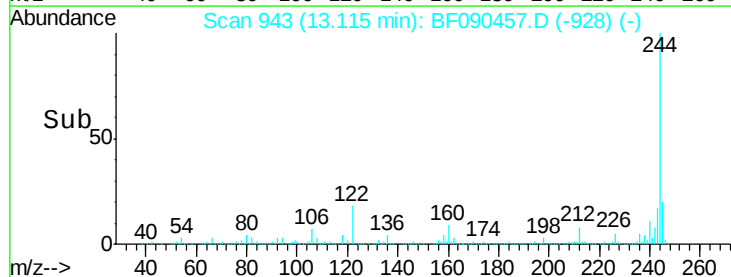
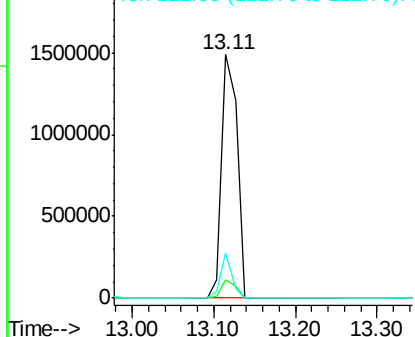


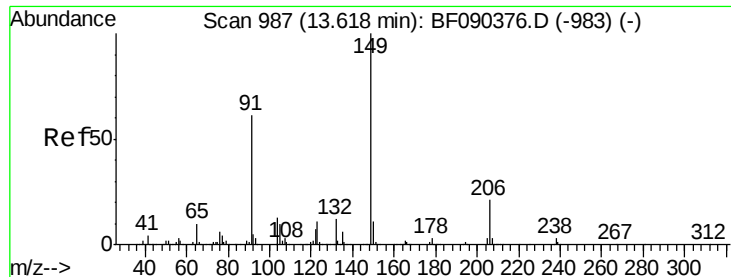
#78  
 Terphenyl-d14  
 Concen: 84.56 ng  
 RT: 13.11 min Scan# 943  
 Delta R.T. -0.02 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Tgt Ion:244 Resp: 1933050  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.8 10.2  
 122 18.3 13.3 19.9



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

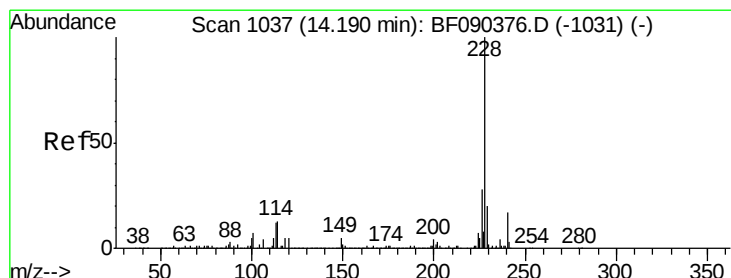
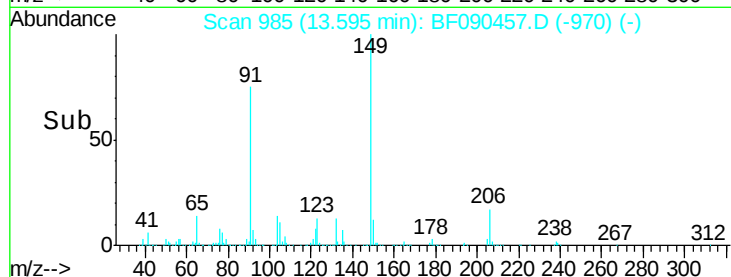
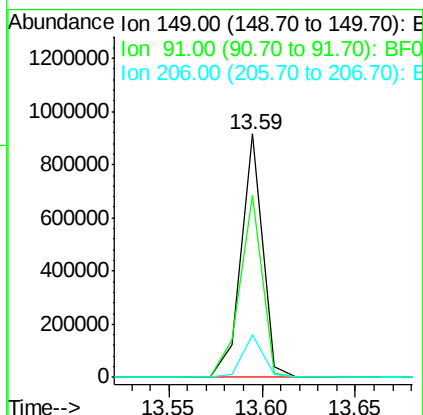
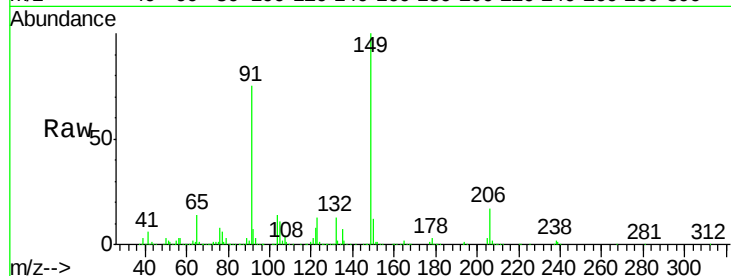




#79  
Butylbenzylphthalate  
Concen: 42.24 ng  
RT: 13.59 min Scan# 985  
Delta R.T. -0.02 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

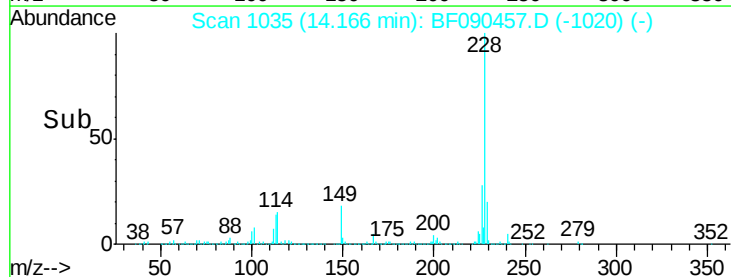
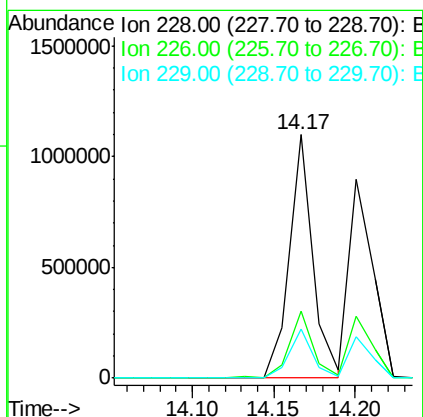
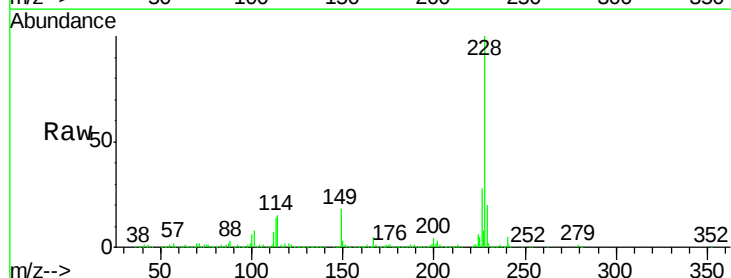
Instrument :  
BNA\_F  
ClientSampleId :  
PB93841BSD

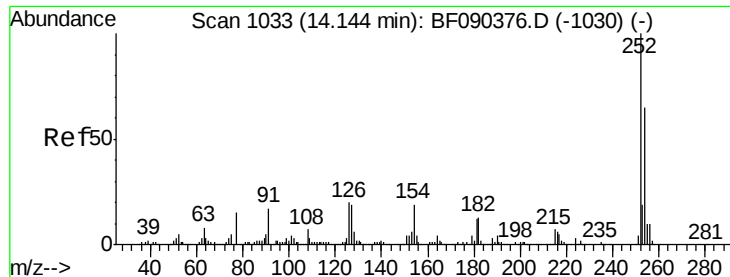
Tgt Ion:149 Resp: 742776  
Ion Ratio Lower Upper  
149 100  
91 74.9 51.8 77.8  
206 17.3 18.0 27.0#



#80  
Benzo(a)anthracene  
Concen: 38.43 ng  
RT: 14.17 min Scan# 1035  
Delta R.T. -0.02 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Tgt Ion:228 Resp: 1108071  
Ion Ratio Lower Upper  
228 100  
226 27.8 23.6 35.4  
229 20.2 16.6 25.0

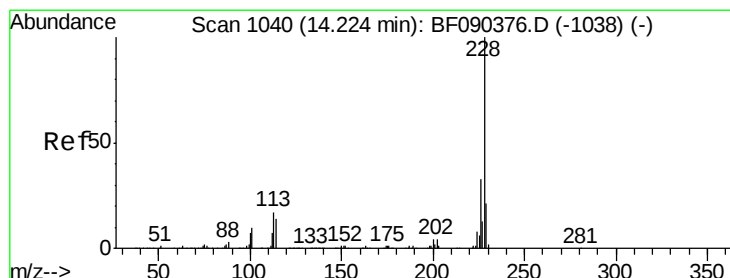
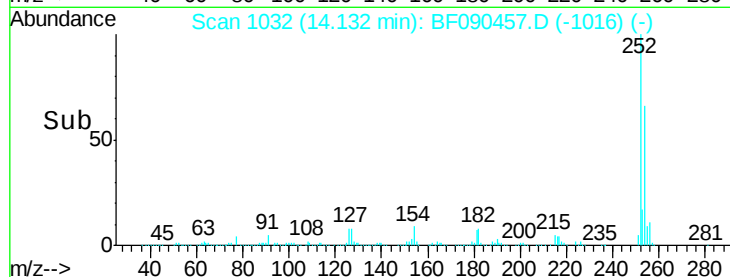
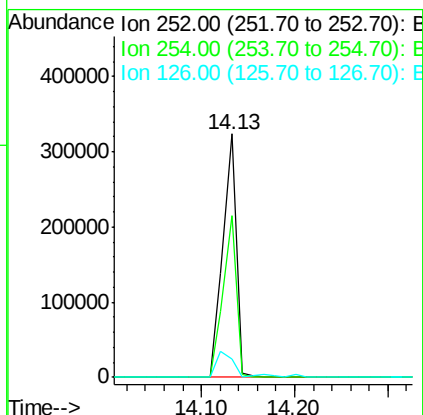
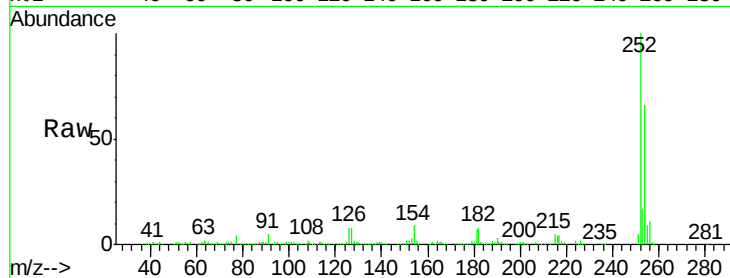




#81  
 3,3'-Dichlorobenzidine  
 Concen: 31.16 ng  
 RT: 14.13 min Scan# 1032  
 Delta R.T. -0.01 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

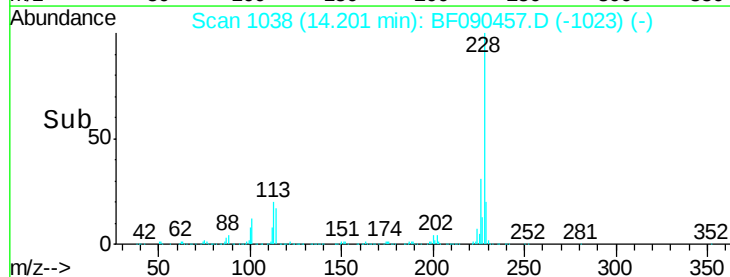
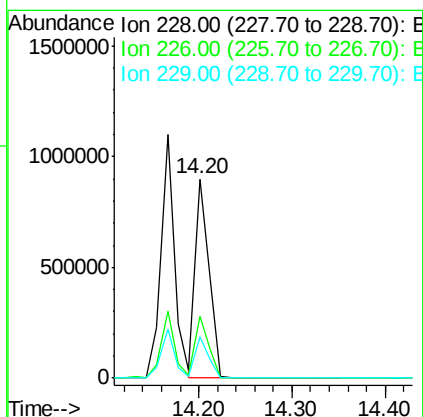
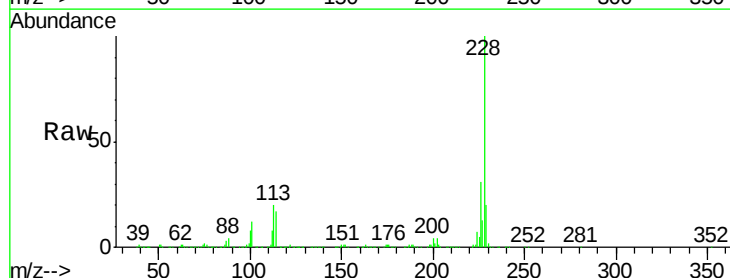
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93841BSD

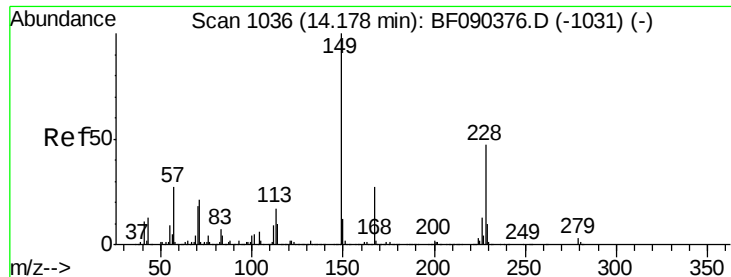
Tgt Ion:252 Resp: 325727  
 Ion Ratio Lower Upper  
 252 100  
 254 66.2 52.1 78.1  
 126 7.8 4.2 6.4#



#82  
 Chrysene  
 Concen: 35.21 ng  
 RT: 14.20 min Scan# 1038  
 Delta R.T. -0.02 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Tgt Ion:228 Resp: 934399  
 Ion Ratio Lower Upper  
 228 100  
 226 30.8 25.8 38.6  
 229 20.5 16.9 25.3

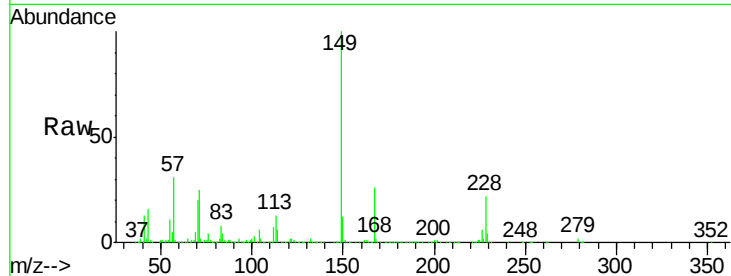




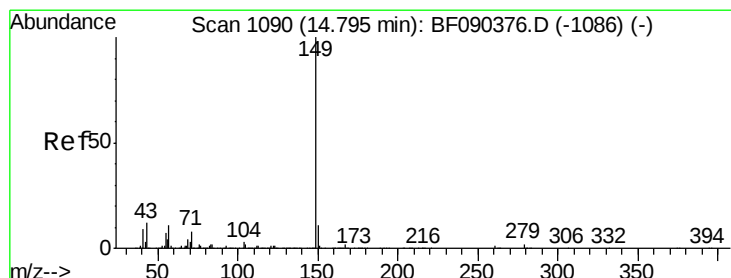
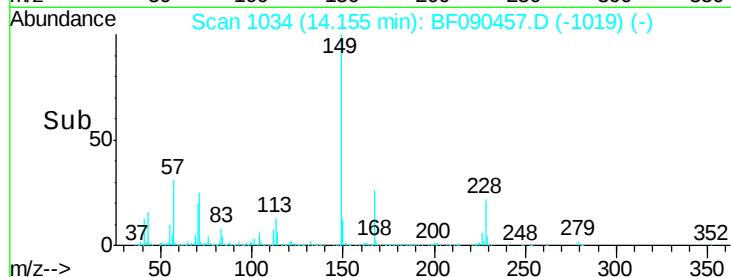
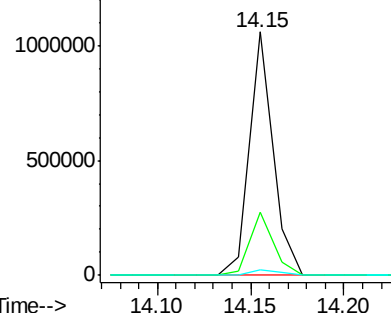
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 36.92 ng  
 RT: 14.15 min Scan# 1034  
 Delta R.T. -0.02 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93841BSD

Tgt Ion:149 Resp: 922788  
 Ion Ratio Lower Upper  
 149 100  
 167 25.8 21.5 32.3  
 279 2.2 2.6 3.8#

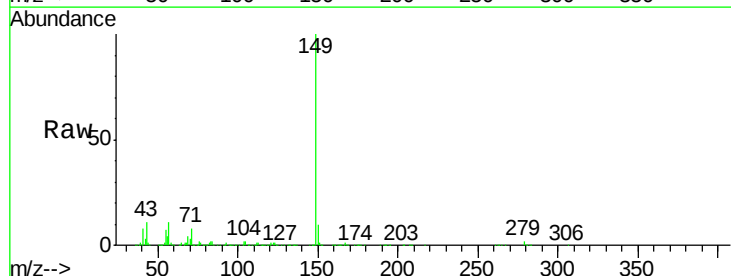


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

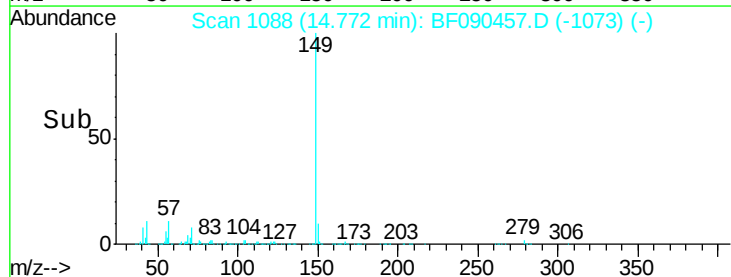
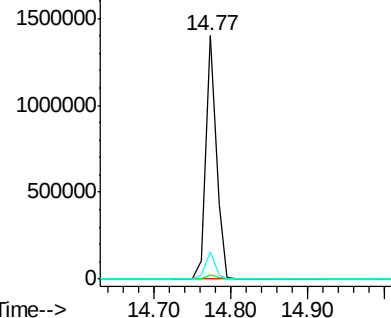


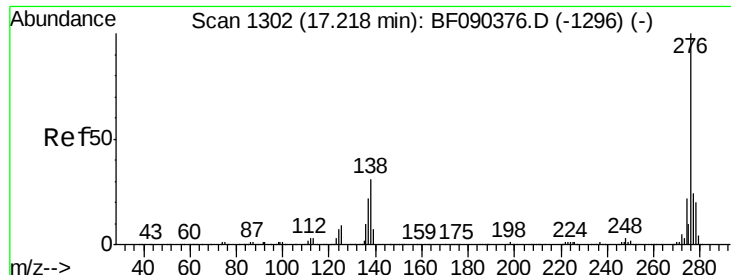
#84  
 Di-n-octyl phthalate  
 Concen: 36.20 ng  
 RT: 14.77 min Scan# 1088  
 Delta R.T. -0.02 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

Tgt Ion:149 Resp: 1341382  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 10.1 11.8 17.8#



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BF0

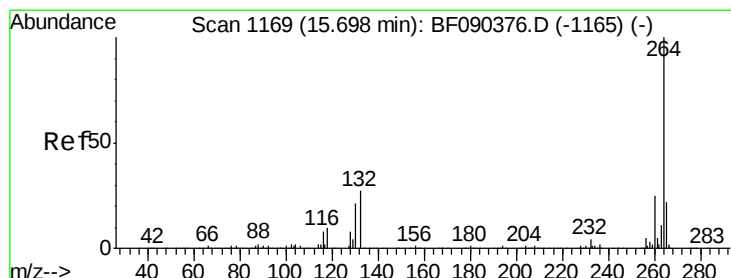
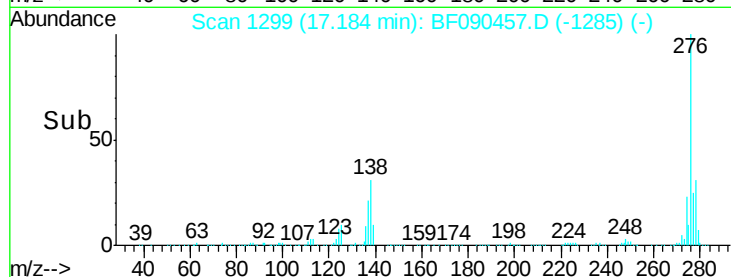
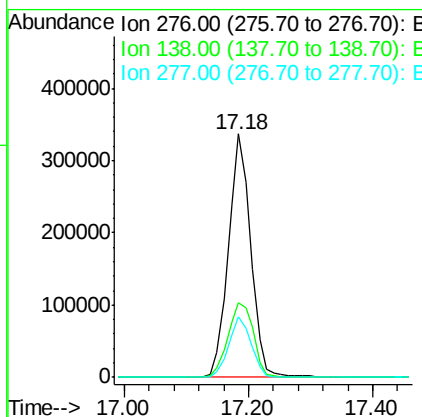
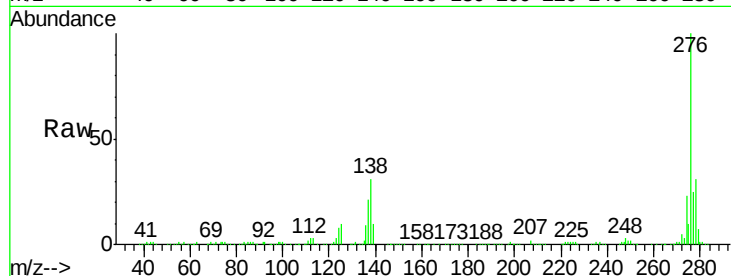




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 44.49 ng  
 RT: 17.18 min Scan# 1299  
 Delta R.T. -0.03 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

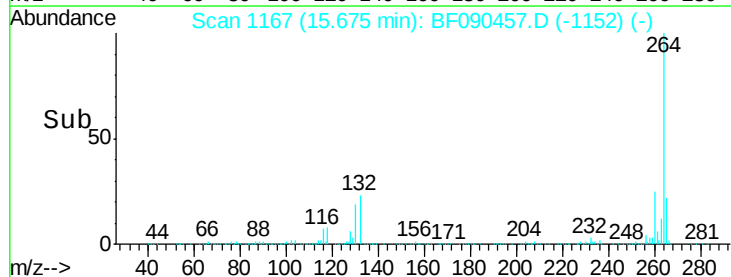
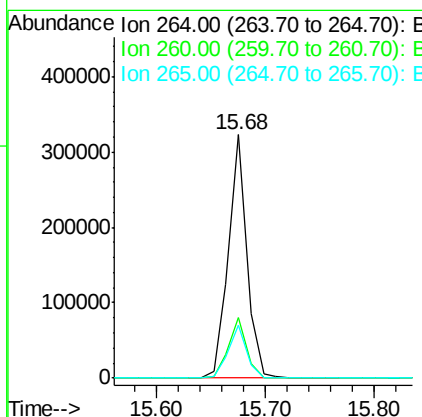
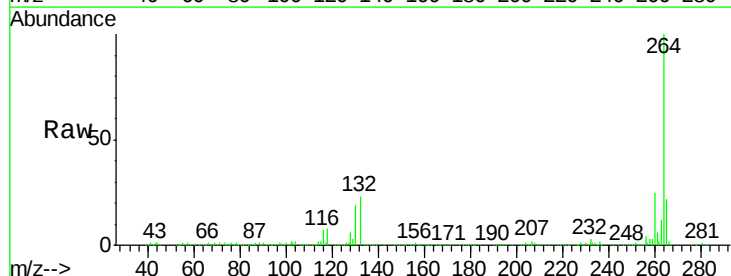
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93841BSD

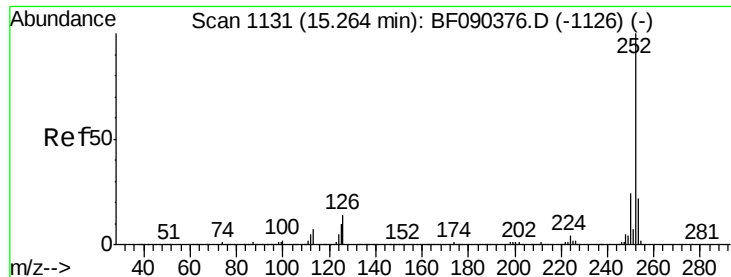
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 35.1  | 23.8  | 35.8  |
| 277     | 25.3  | 20.4  | 30.6  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.68 min Scan# 1167  
 Delta R.T. -0.02 min  
 Lab File: BF090457.D  
 Acq: 7 Oct 2016 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.0  | 19.3  | 28.9  |
| 265     | 21.7  | 17.4  | 26.0  |

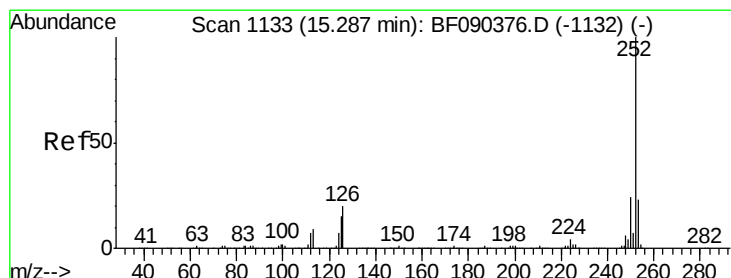
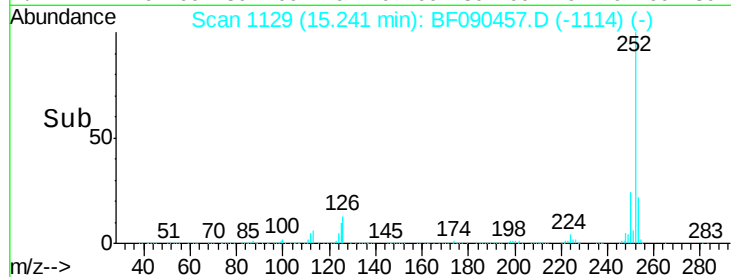
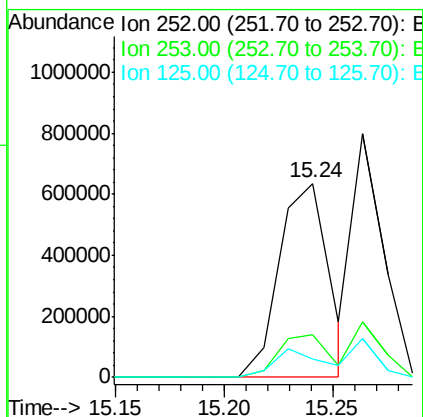
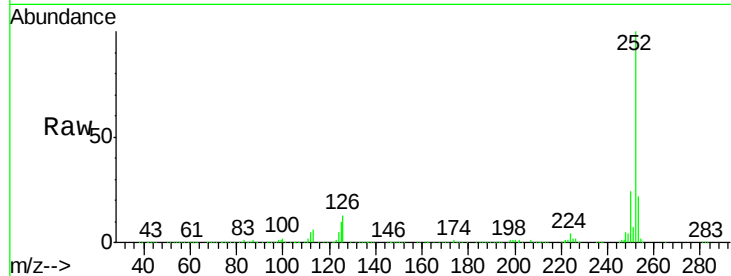




#87  
Benzo(b)fluoranthene  
Concen: 41.76 ng  
RT: 15.24 min Scan# 1129  
Delta R.T. -0.02 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

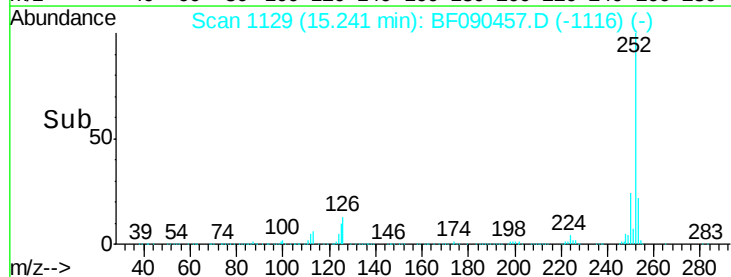
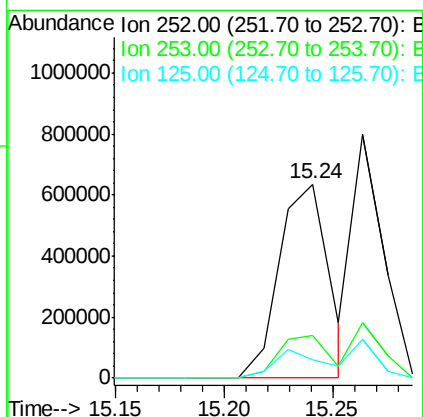
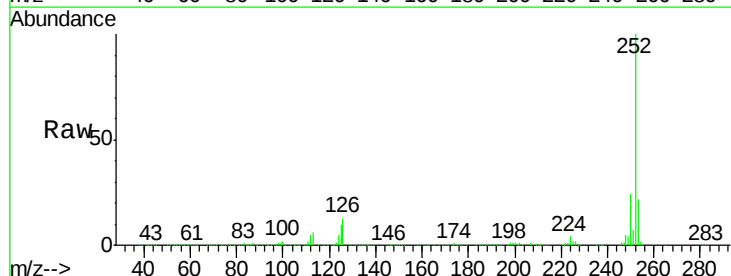
Instrument :  
BNA\_F  
ClientSampleId :  
PB93841BSD

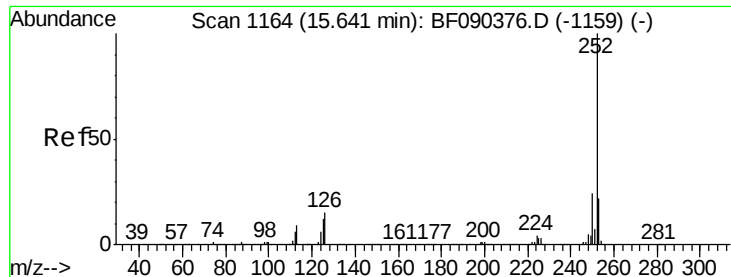
Tgt Ion:252 Resp: 1010549  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.2 27.2  
125 9.7 7.0 10.4



#88  
Benzo(k)fluoranthene  
Concen: 44.45 ng  
RT: 15.24 min Scan# 1129  
Delta R.T. -0.05 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Tgt Ion:252 Resp: 1010549  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.6 27.8  
125 9.7 11.7 17.5#

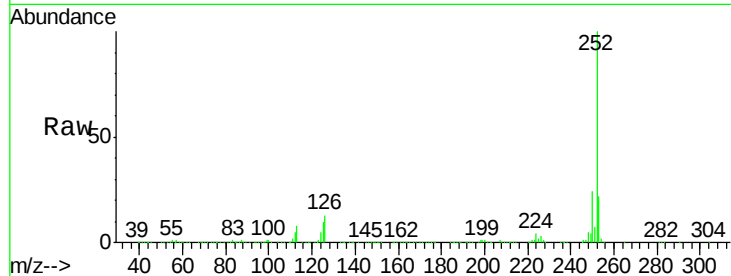




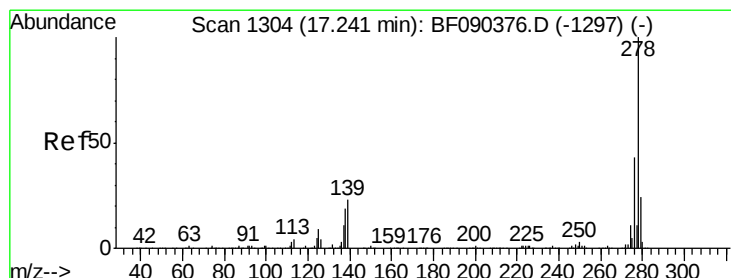
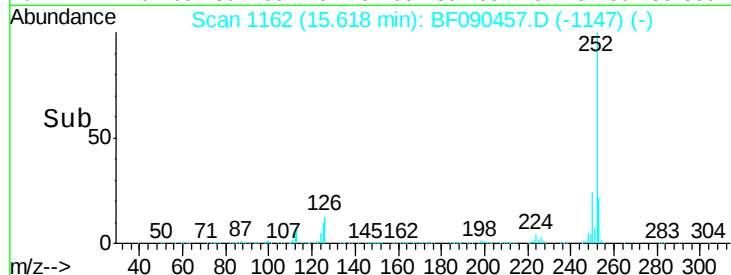
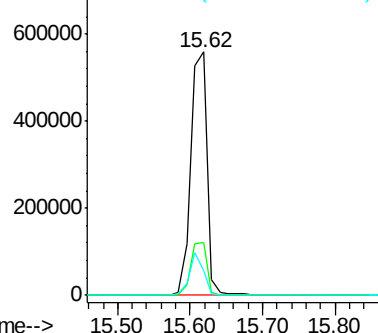
#89  
Benzo(a)pyrene  
Concen: 41.81 ng  
RT: 15.62 min Scan# 1162  
Delta R.T. -0.02 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB93841BSD

Tgt Ion:252 Resp: 872003  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.2 27.4  
125 10.2 9.8 14.8

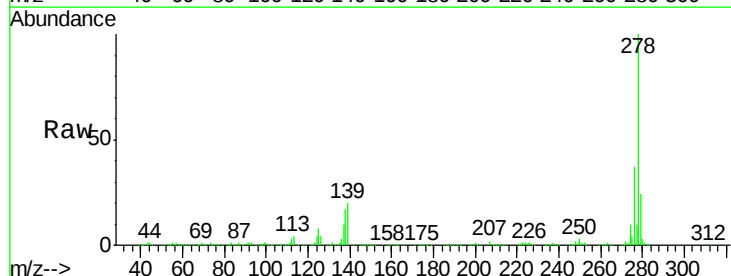


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

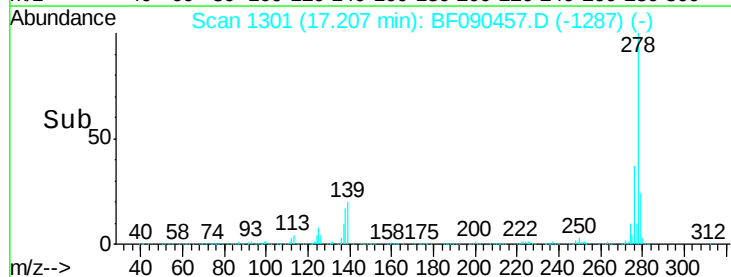
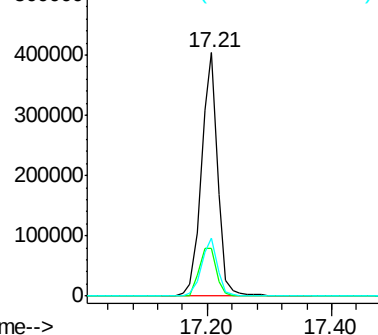


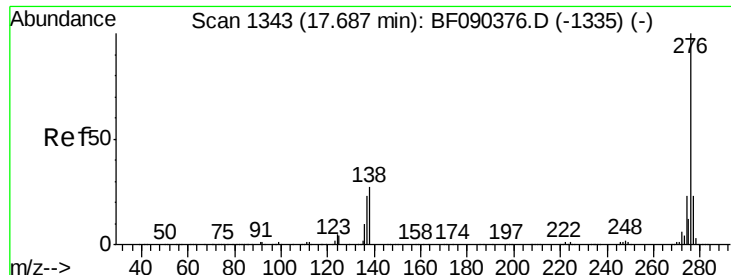
#90  
Dibenzo(a,h)anthracene  
Concen: 41.18 ng  
RT: 17.21 min Scan# 1301  
Delta R.T. -0.03 min  
Lab File: BF090457.D  
Acq: 7 Oct 2016 21:29

Tgt Ion:278 Resp: 730789  
Ion Ratio Lower Upper  
278 100  
139 19.6 12.8 19.2#  
279 23.7 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.87 ng

RT: 17.64 min Scan# 1339

Delta R.T. -0.05 min

Lab File: BF090457.D

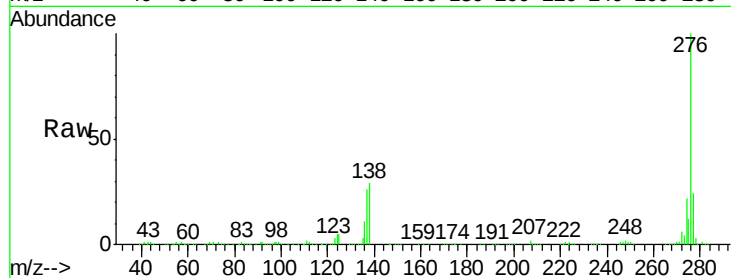
Acq: 7 Oct 2016 21:29

Instrument :

BNA\_F

ClientSampleId :

PB93841BSD



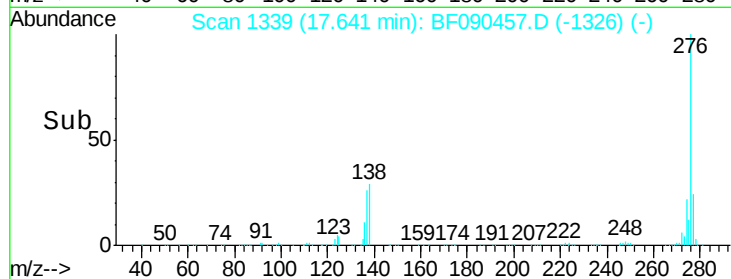
Tgt Ion: 276 Resp: 661869

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 28.9 20.8 31.2



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

