

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\  
 Data File : BF088216.D  
 Acq On : 21 Jun 2016 16:51  
 Operator : UM/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jun 21 17:59:03 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 20 17:39:32 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.65  | 152  | 82613    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 7.94  | 136  | 332344   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.69  | 164  | 157836   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.16 | 188  | 278860   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.79 | 240  | 185574   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.17 | 264  | 150792   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.24  | 112  | 389565   | 80.61 | ng    | -0.01    |
| 7) Phenol-d6                | 6.31  | 99   | 420987   | 71.88 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.23  | 82   | 439376   | 77.20 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.48 | 330  | 101893   | 61.14 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.02  | 172  | 719015   | 70.63 | ng    | -0.02    |
| 78) Terphenyl-d14           | 12.75 | 244  | 724672   | 88.86 | ng    | -0.01    |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 2.10 | 88   | 99508    | 42.38 | ng    | # 44   |
| 3) Pyridine                    | 2.76 | 79   | 217304   | 39.19 | ng    | 91     |
| 4) n-Nitrosodimethylamine      | 2.72 | 42   | 85765    | 36.53 | ng    | 81     |
| 6) Aniline                     | 6.32 | 93   | 291468   | 34.97 | ng    | # 63   |
| 8) 2-Chlorophenol              | 6.44 | 128  | 223167   | 39.02 | ng    | 84     |
| 9) Benzaldehyde                | 6.20 | 77   | 136428   | 36.07 | ng    | 95     |
| 10) Phenol                     | 6.32 | 94   | 236186   | 38.71 | ng    | # 16   |
| 11) bis(2-Chloroethyl)ether    | 6.40 | 93   | 212284   | 41.34 | ng    | 88     |
| 12) 1,3-Dichlorobenzene        | 6.59 | 146  | 241427   | 39.34 | ng    | 96     |
| 13) 1,4-Dichlorobenzene        | 6.67 | 146  | 241823   | 39.12 | ng    | 97     |
| 14) 1,2-Dichlorobenzene        | 6.67 | 146  | 241823   | 43.01 | ng    | 98     |
| 15) Benzyl Alcohol             | 6.81 | 79   | 153509   | 33.50 | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.95 | 45   | 240925   | 34.73 | ng    | 83     |
| 17) 2-Methylphenol             | 6.94 | 107  | 180060   | 38.82 | ng    | 99     |
| 18) Hexachloroethane           | 7.16 | 117  | 87008    | 39.66 | ng    | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.08 | 70   | 146801   | 39.18 | ng    | # 83   |
| 20) 3+4-Methylphenols          | 7.10 | 107  | 228110   | 42.15 | ng    | # 72   |
| 22) Acetophenone               | 7.07 | 105  | 280593   | 37.78 | ng    | # 97   |
| 24) Nitrobenzene               | 7.24 | 77   | 210544   | 38.19 | ng    | 90     |
| 25) Isophorone                 | 7.48 | 82   | 380672   | 36.11 | ng    | 98     |
| 26) 2-Nitrophenol              | 7.56 | 139  | 128501   | 43.51 | ng    | # 80   |
| 27) 2,4-Dimethylphenol         | 7.61 | 122  | 186948   | 34.38 | ng    | 93     |
| 28) bis(2-Chloroethoxy)methane | 7.70 | 93   | 251707   | 38.50 | ng    | # 96   |
| 29) 2,4-Dichlorophenol         | 7.82 | 162  | 176357   | 38.85 | ng    | 90     |
| 30) 1,2,4-Trichlorobenzene     | 7.88 | 180  | 186983   | 37.82 | ng    | 100    |
| 31) Naphthalene                | 7.96 | 128  | 655617   | 39.86 | ng    | 99     |
| 32) Benzoic acid               | 7.76 | 122  | 103231   | 34.48 | ng    | 94     |
| 33) 4-Chloroaniline            | 8.02 | 127  | 280811   | 38.24 | ng    | 95     |
| 34) Hexachlorobutadiene        | 8.08 | 225  | 96058    | 36.85 | ng    | 99     |
| 35) Caprolactam                | 8.40 | 113  | 41630    | 27.68 | ng    | # 84   |
| 36) 4-Chloro-3-methylphenol    | 8.51 | 107  | 179458   | 36.96 | ng    | 96     |
| 37) 2-Methylnaphthalene        | 8.75 | 142  | 395912   | 36.52 | ng    | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.82 | 216  | 187106   | 45.83 | ng    | # 1    |
| 40) Hexachlorocyclopentadiene  | 8.81 | 237  | 81952    | 32.19 | ng    | 96     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\  
 Data File : BF088216.D  
 Acq On : 21 Jun 2016 16:51  
 Operator : UM/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

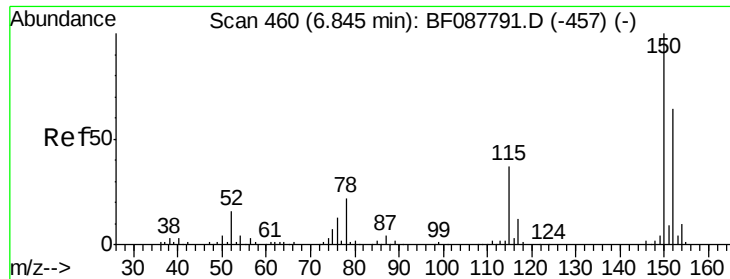
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jun 21 17:59:03 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 20 17:39:32 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.94  | 196  | 111332   | 35.27 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 8.98  | 196  | 122006   | 37.15 | nq    | # 89     |
| 45) 1,1'-Biphenyl              | 9.12  | 154  | 517006   | 43.42 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.14  | 162  | 400275   | 39.19 | nq    | 97       |
| 47) 2-Nitroaniline             | 9.24  | 65   | 110002   | 36.51 | nq    | 86       |
| 48) Acenaphthylene             | 9.55  | 152  | 599052   | 36.87 | nq    | 99       |
| 49) Dimethylphthalate          | 9.43  | 163  | 429823   | 37.59 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.50  | 165  | 100468   | 38.37 | nq    | # 83     |
| 51) Acenaphthene               | 9.72  | 154  | 364470   | 35.96 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.66  | 138  | 103627   | 34.30 | nq    | 98       |
| 53) 2,4-Dinitrophenol          | 9.77  | 184  | 63047    | 49.24 | nq    | 95       |
| 54) Dibenzofuran               | 9.90  | 168  | 473899   | 33.95 | nq    | # 89     |
| 55) 4-Nitrophenol              | 9.85  | 139  | 94374    | 40.24 | nq    | # 71     |
| 56) 2,4-Dinitrotoluene         | 9.90  | 165  | 124811   | 37.09 | nq    | # 67     |
| 57) Fluorene                   | 10.24 | 166  | 418603   | 44.31 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.02 | 232  | 95382    | 36.96 | nq    | # 58     |
| 59) Diethylphthalate           | 10.12 | 149  | 432908   | 37.41 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.23 | 204  | 164004   | 35.33 | nq    | 89       |
| 61) 4-Nitroaniline             | 10.27 | 138  | 107810   | 37.62 | nq    | 98       |
| 62) Azobenzene                 | 10.39 | 77   | 417304   | 36.46 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.31 | 198  | 63770    | 37.14 | nq    | # 64     |
| 65) n-Nitrosodiphenylamine     | 10.35 | 169  | 350182   | 37.84 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.72 | 248  | 119314   | 39.88 | nq    | 94       |
| 67) Hexachlorobenzene          | 10.79 | 284  | 118493   | 38.12 | nq    | # 70     |
| 68) Atrazine                   | 10.89 | 200  | 113166   | 40.39 | nq    | 97       |
| 69) Pentachlorophenol          | 10.98 | 266  | 73902    | 45.10 | nq    | 97       |
| 70) Phenanthrene               | 11.19 | 178  | 592669   | 40.50 | nq    | 99       |
| 71) Anthracene                 | 11.24 | 178  | 585892   | 39.69 | nq    | 99       |
| 72) Carbazole                  | 11.40 | 167  | 552250   | 39.98 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.74 | 149  | 642533   | 36.75 | nq    | 100      |
| 74) Fluoranthene               | 12.38 | 202  | 604796   | 39.16 | nq    | 97       |
| 76) Benzidine                  | 12.50 | 184  | 220454   | 42.90 | nq    | 98       |
| 77) Pyrene                     | 12.61 | 202  | 602581   | 43.76 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.22 | 149  | 264395   | 43.43 | nq    | # 85     |
| 80) Benzo(a)anthracene         | 13.78 | 228  | 415118   | 39.25 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.75 | 252  | 127838   | 44.95 | nq    | # 95     |
| 82) Chrysene                   | 13.83 | 228  | 430242   | 43.24 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 13.78 | 149  | 325236   | 43.88 | nq    | 97       |
| 84) Di-n-octyl phthalate       | 14.40 | 149  | 522123   | 43.36 | nq    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 16.46 | 276  | 389003   | 42.08 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 14.82 | 252  | 713032   | 67.84 | nq    | 100      |
| 88) Benzo(k)fluoranthene       | 14.82 | 252  | 713032   | 89.94 | nq    | # 94     |
| 89) Benzo(a)pyrene             | 15.12 | 252  | 348122   | 40.94 | nq    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 16.46 | 278  | 324103   | 41.04 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 16.83 | 276  | 347134   | 42.73 | nq    | 99       |

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



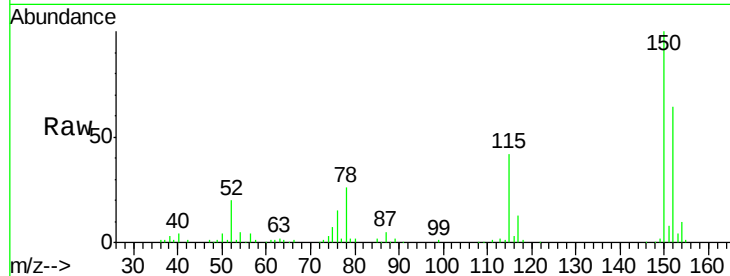


#1

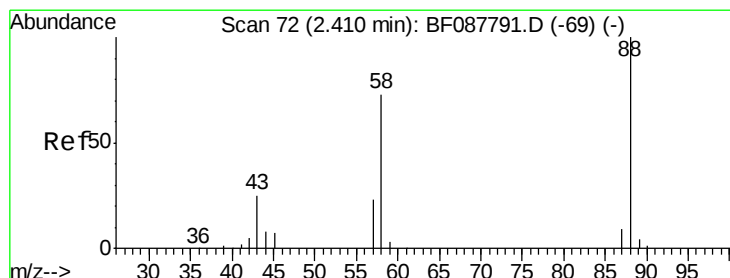
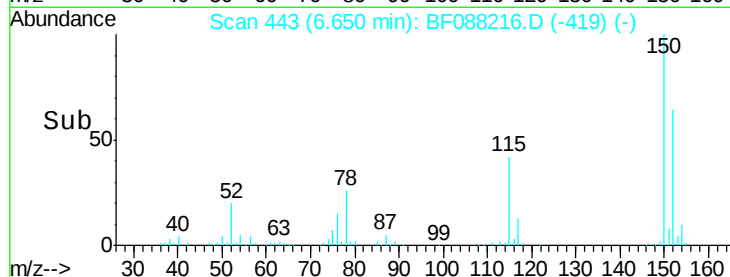
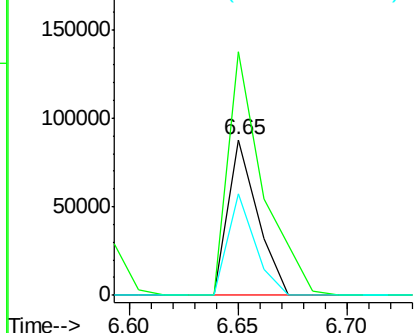
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.65 min Scan# 443  
Delta R.T. -0.02 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 82613  
Ion Ratio Lower Upper  
152 100  
150 156.4 123.8 185.6  
115 65.6 39.6 59.4#



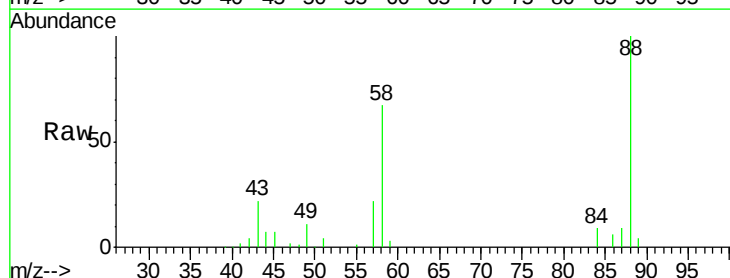
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



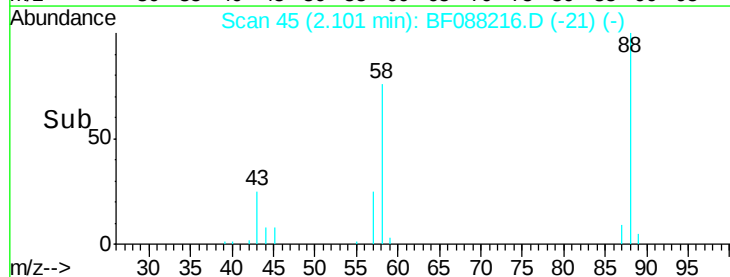
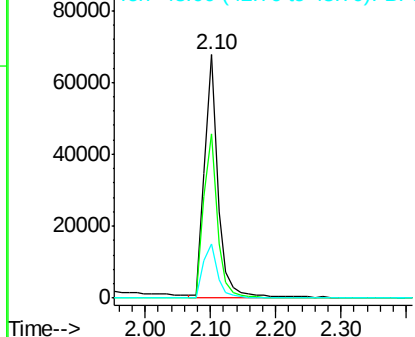
#2

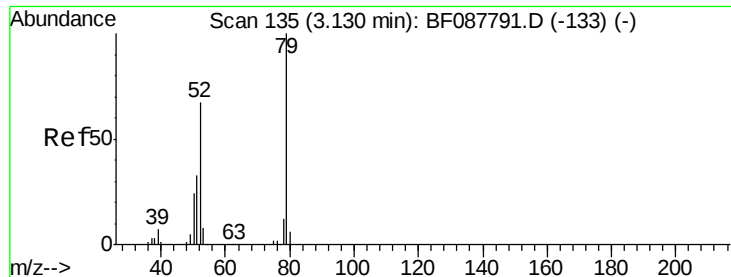
1,4-Dioxane  
Concen: 42.38 ng  
RT: 2.10 min Scan# 45  
Delta R.T. -0.02 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

Tgt Ion: 88 Resp: 99508  
Ion Ratio Lower Upper  
88 100  
58 66.8 0.0 0.0#  
43 22.9 3.4 5.2#



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





#3

Pvridine

Concen: 39.19 ng

RT: 2.76 min Scan# 103

Delta R.T. -0.03 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

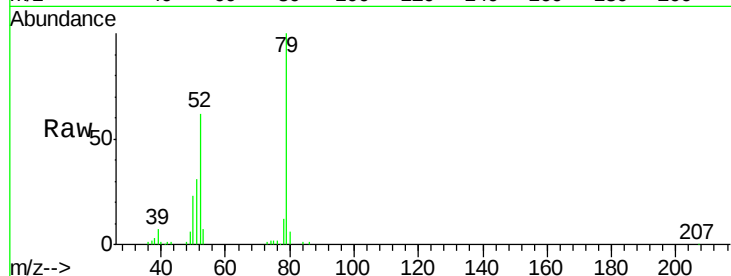
Tot Ion: 79 Resp: 217304

Ion Ratio Lower Upper

79 100

52 62.3 56.3 84.5

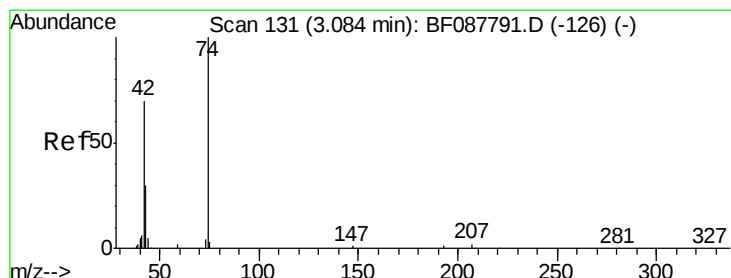
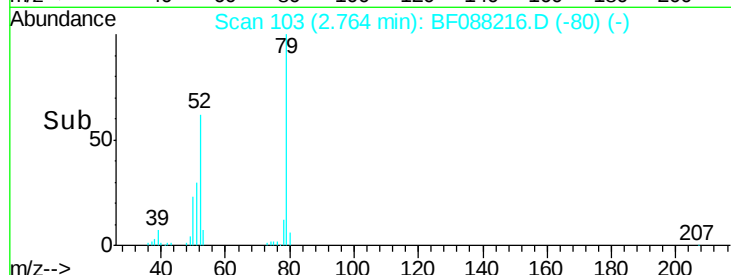
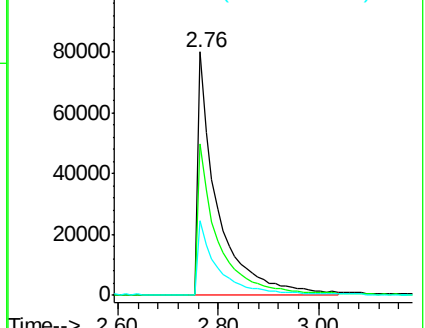
51 30.5 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.53 ng

RT: 2.72 min Scan# 99

Delta R.T. -0.03 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

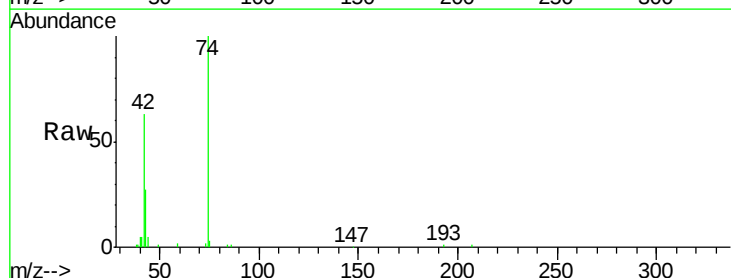
Tgt Ion: 42 Resp: 85765

Ion Ratio Lower Upper

42 100

74 159.8 108.6 163.0

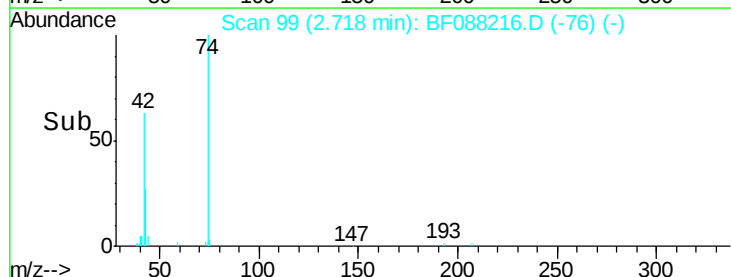
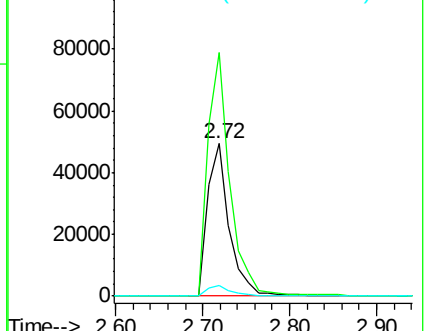
44 7.3 5.5 8.3

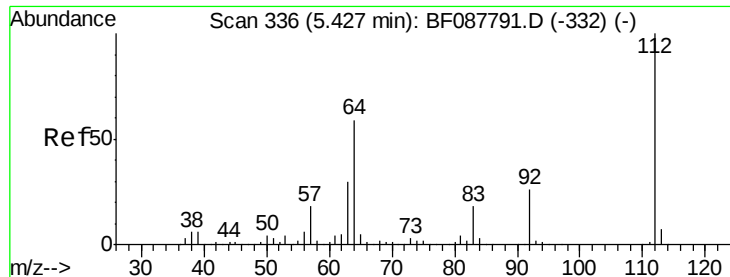


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.61 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF088216.D

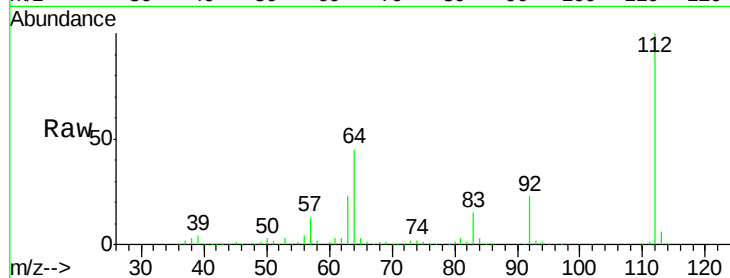
Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

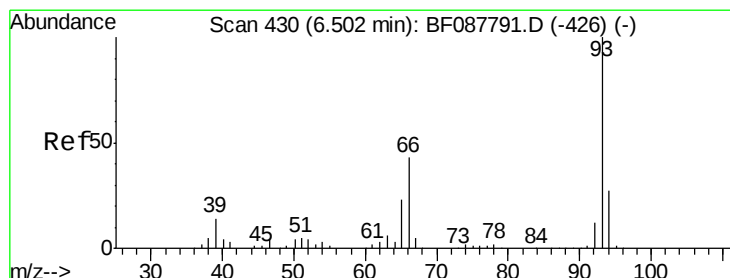
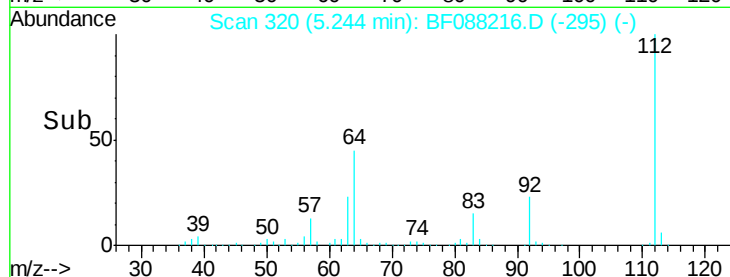
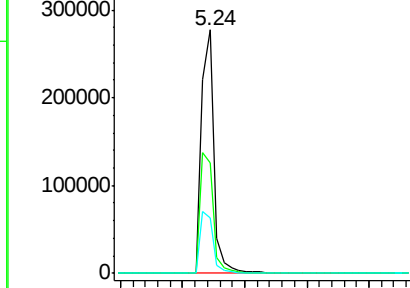
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 389565 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 45.2  | 42.2  | 63.2   |
| 63       | 22.8  | 21.8  | 32.8   |



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.97 ng

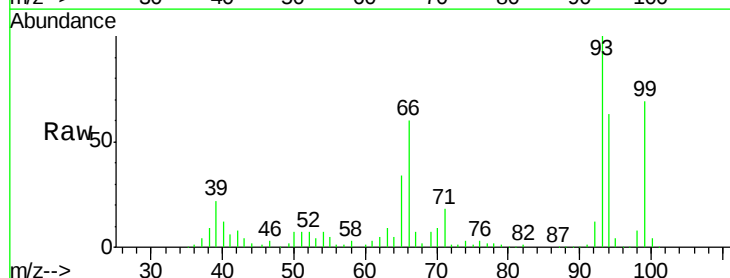
RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

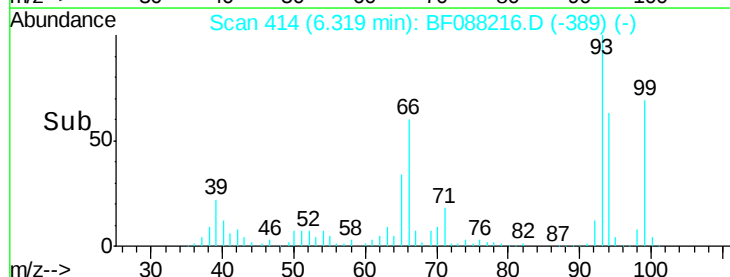
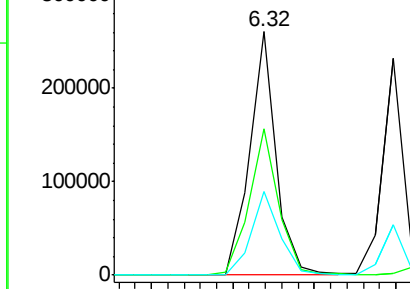
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 291468 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 60.0  | 29.8  | 44.8#  |
| 65       | 34.4  | 14.9  | 22.3#  |

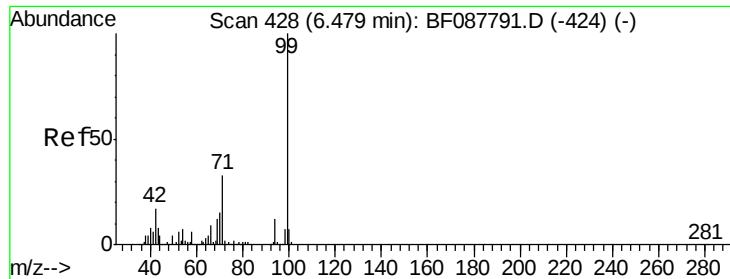


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 71.88 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

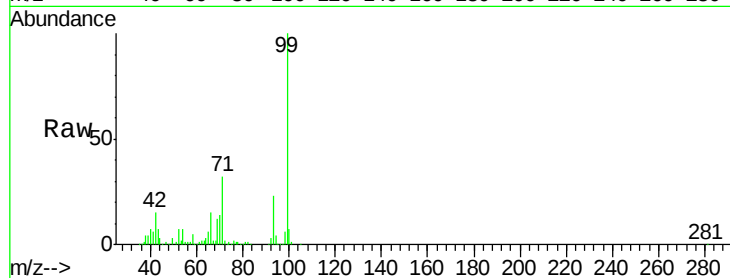
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 99 Resp: 420987

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.2  | 12.2  | 18.2  |
| 71  | 32.2  | 23.4  | 35.0  |

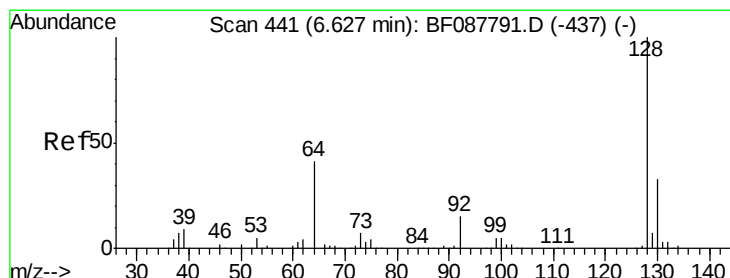
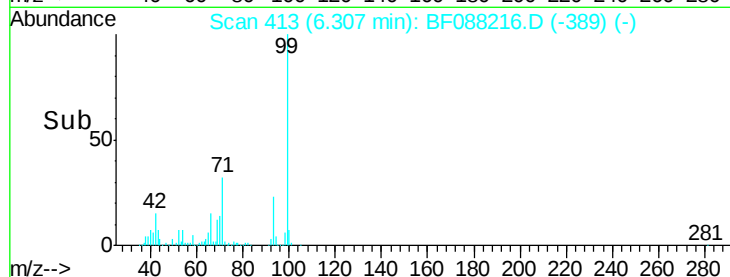
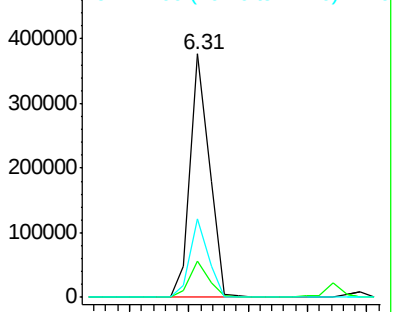


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.02 ng

RT: 6.44 min Scan# 425

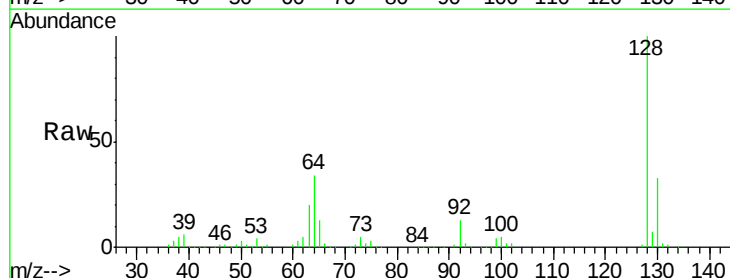
Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Tgt Ion: 128 Resp: 223167

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.3  | 12.0  | 52.0  |
| 64  | 33.9  | 30.8  | 70.8  |

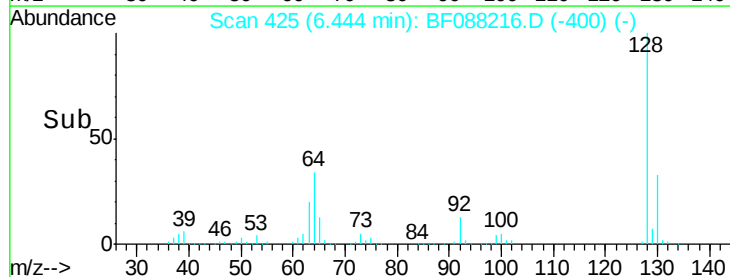
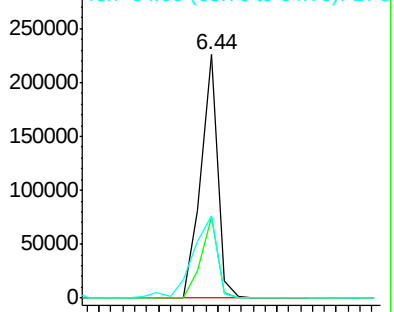


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.07 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

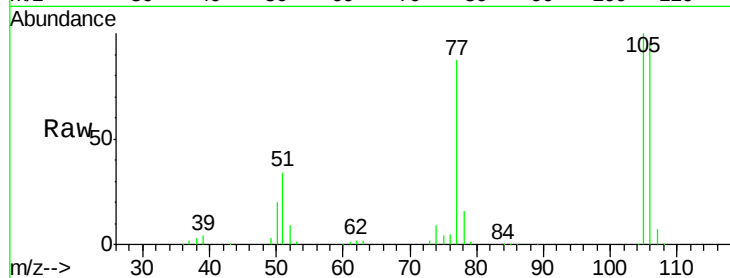
Tot Ion: 77 Resp: 136428

Ion Ratio Lower Upper

77 100

105 115.5 90.6 130.6

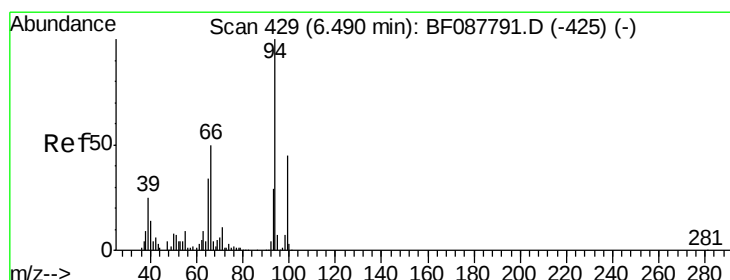
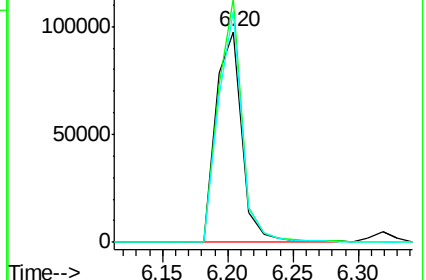
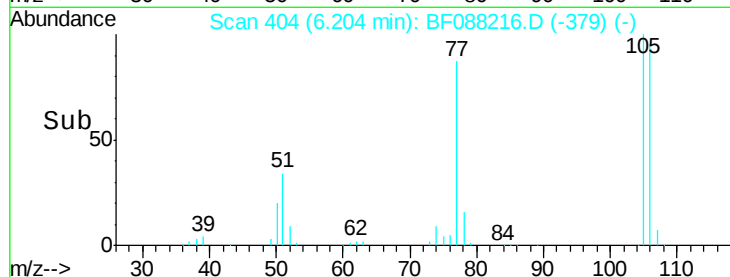
106 109.8 85.3 125.3



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: 38.71 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

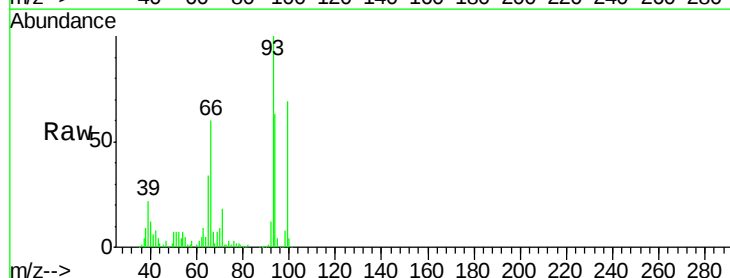
Tgt Ion: 94 Resp: 236186

Ion Ratio Lower Upper

94 100

65 54.3 5.9 45.9#

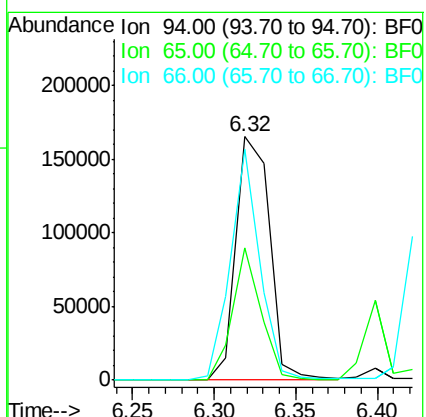
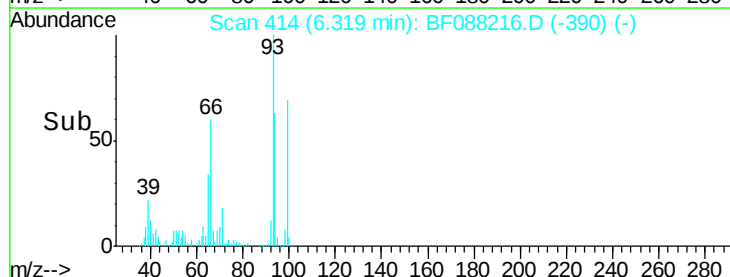
66 94.7 14.0 54.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.34 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

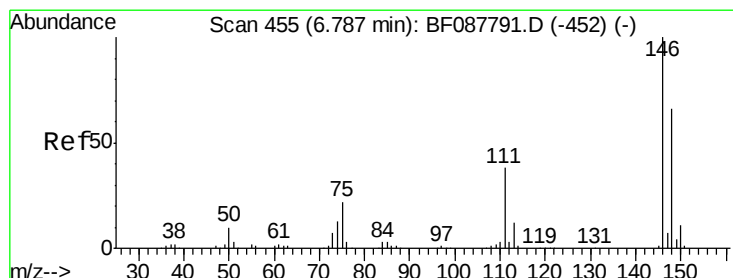
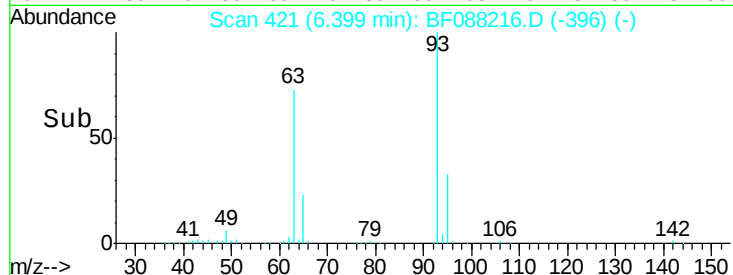
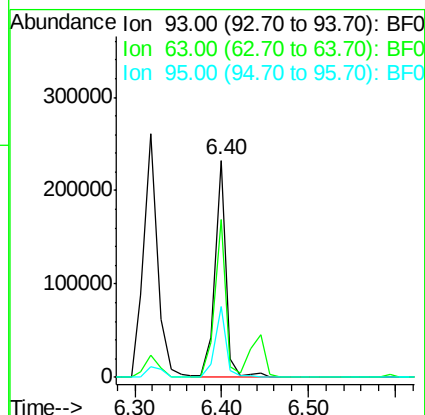
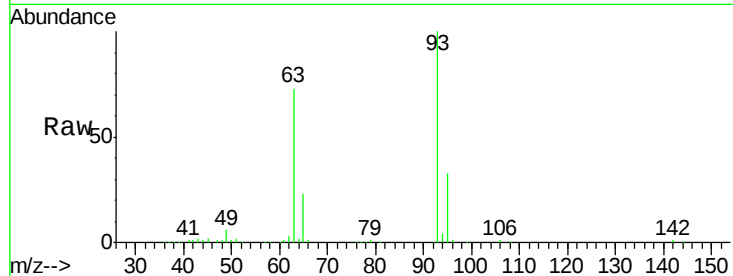
Tot Ion: 93 Resp: 212284

Ion Ratio Lower Upper

93 100

63 73.0 67.6 107.6

95 32.6 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 39.34 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

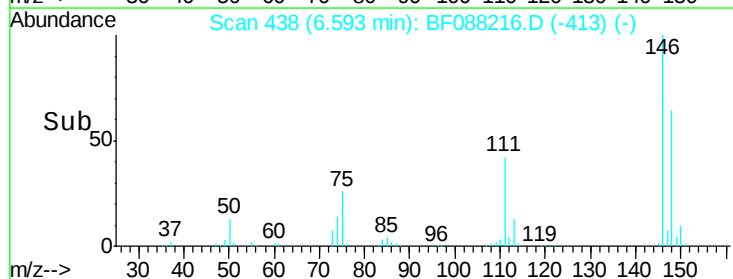
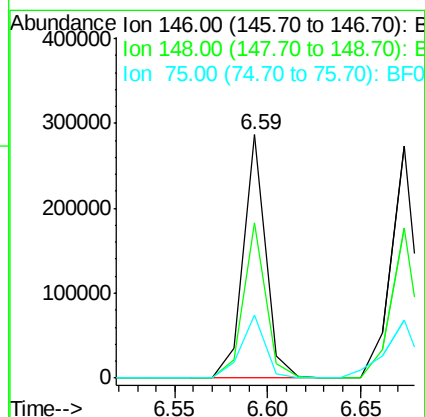
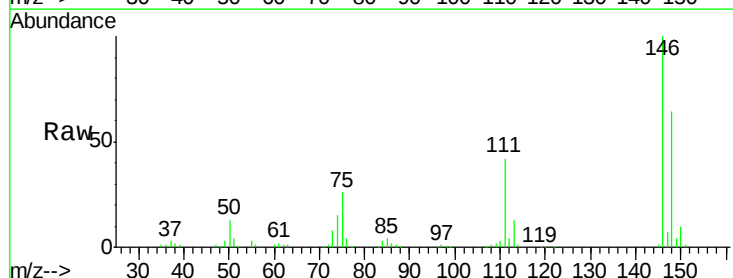
Tgt Ion: 146 Resp: 241427

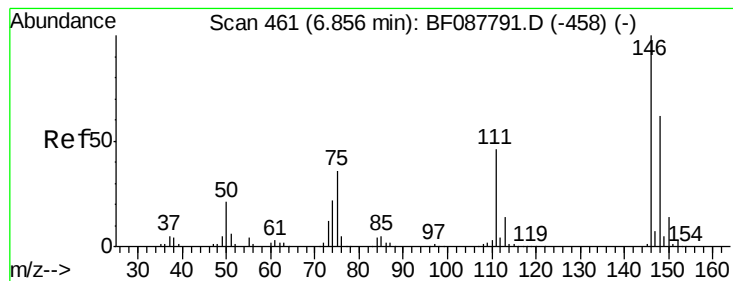
Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

75 25.9 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 39.12 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampled :

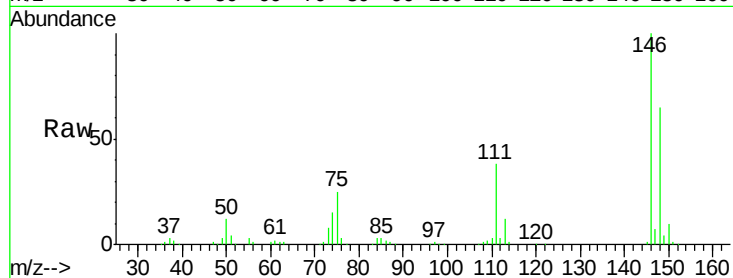
Tot Ion:146 Resp: 241823

Ion Ratio Lower Upper

146 100

148 64.6 52.0 78.0

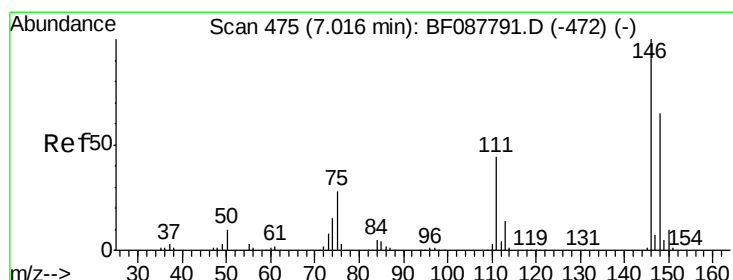
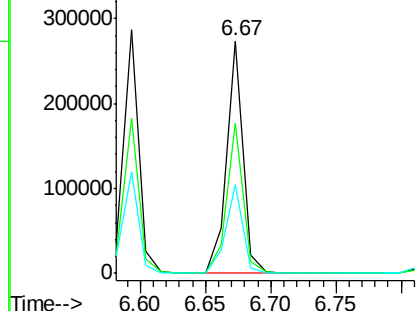
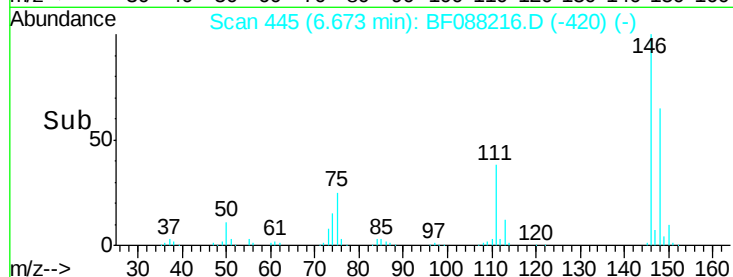
111 38.5 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.01 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.17 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

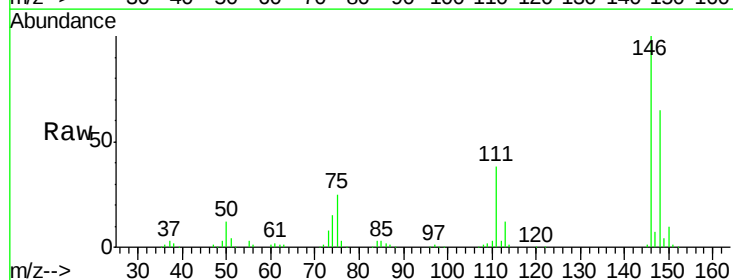
Tgt Ion:146 Resp: 241823

Ion Ratio Lower Upper

146 100

148 64.6 52.3 78.5

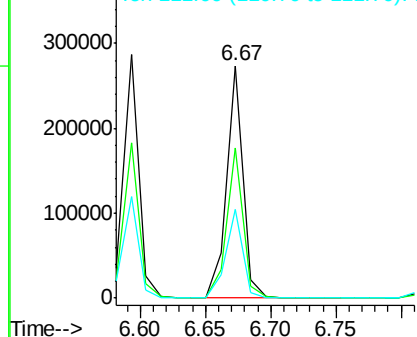
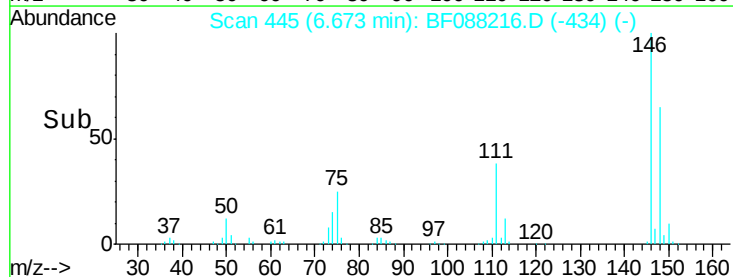
111 38.5 28.7 43.1

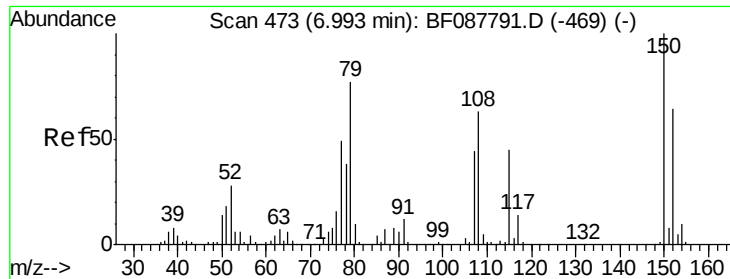


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

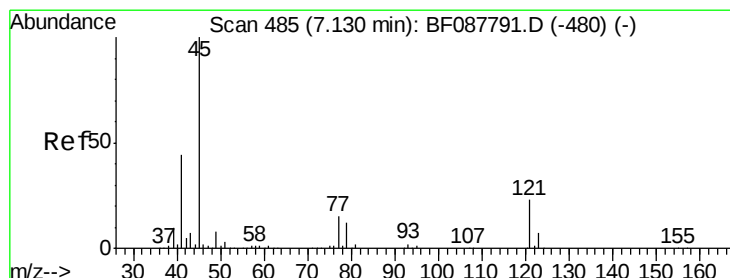
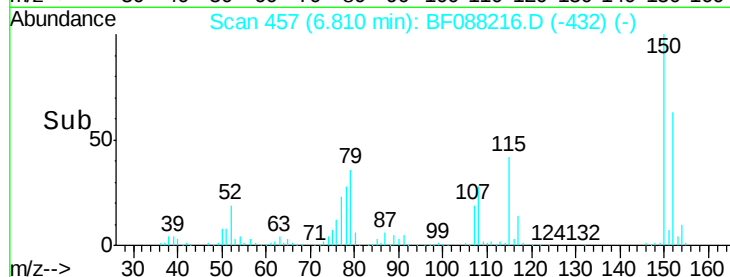
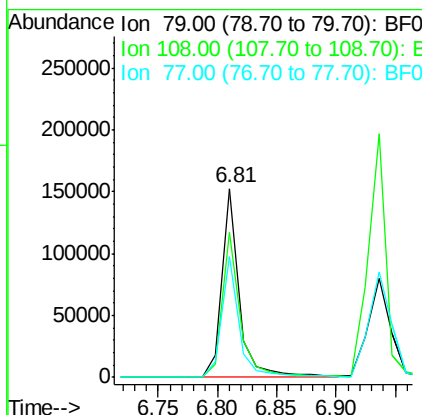
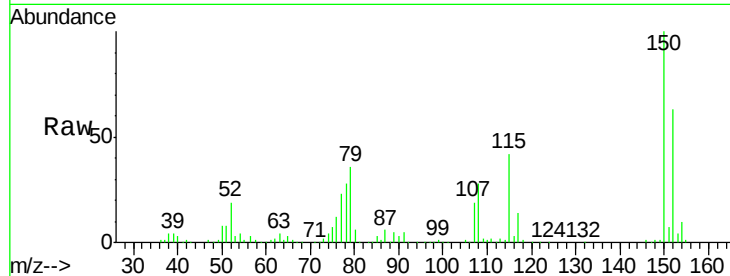




#15  
Benzyl Alcohol  
Concen: 33.50 ng  
RT: 6.81 min Scan# 457  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

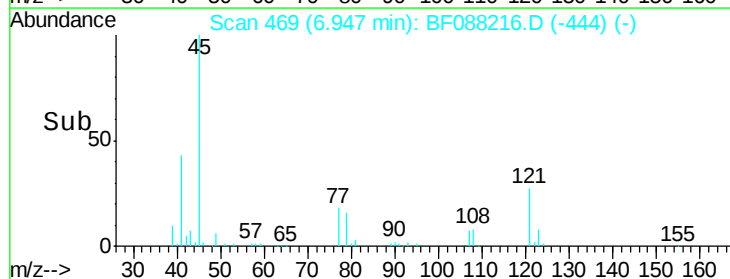
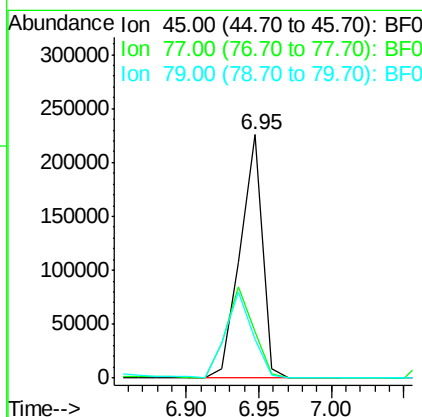
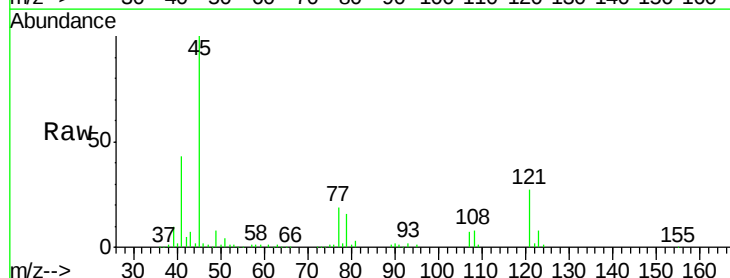
Instrument :  
BNA\_F  
ClientSampled :

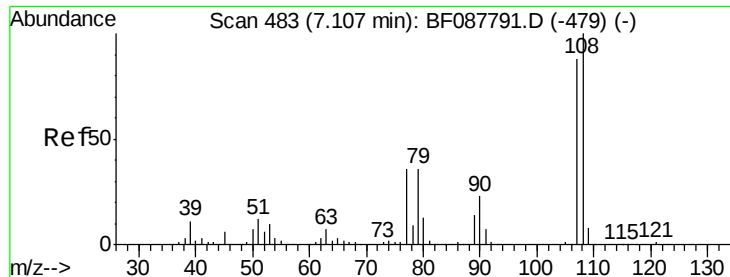
Tot Ion: 79 Resp: 153509  
Ion Ratio Lower Upper  
79 100  
108 76.9 65.0 97.6  
77 63.8 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 34.73 ng  
RT: 6.95 min Scan# 469  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

Tgt Ion: 45 Resp: 240925  
Ion Ratio Lower Upper  
45 100  
77 19.1 0.0 32.5  
79 15.9 0.0 29.5





#17

2-Methylphenol

Concen: 38.82 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:107 Resp: 180060

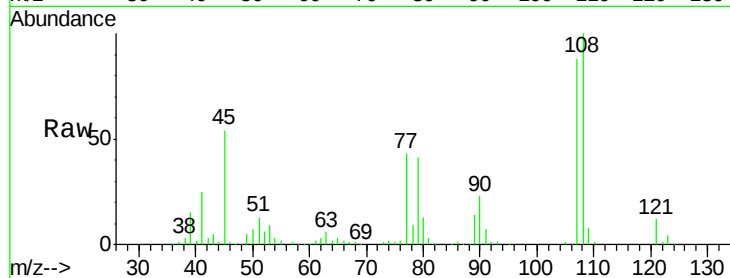
Ion Ratio Lower Upper

107 100

108 113.6 90.9 136.3

77 49.0 36.6 55.0

79 46.4 36.5 54.7

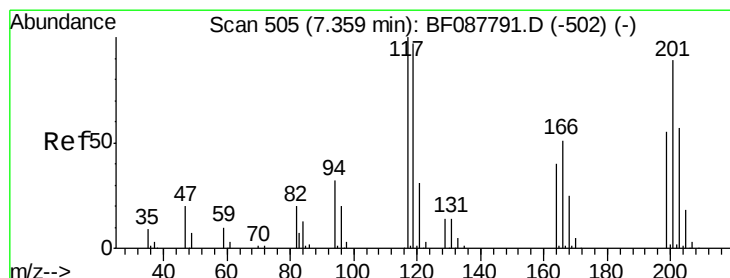
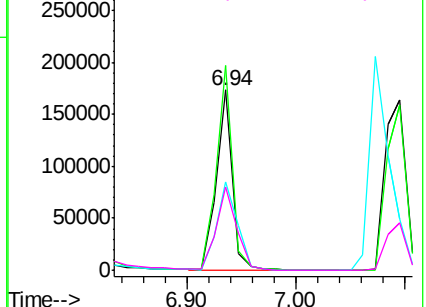
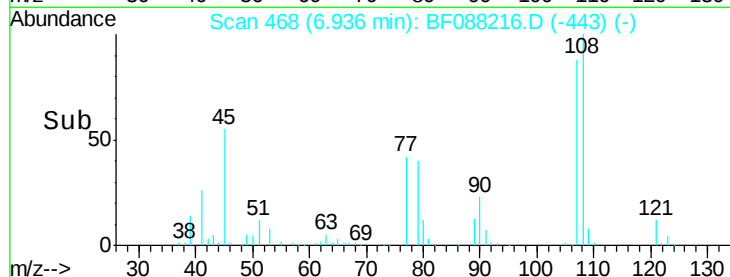


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.66 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

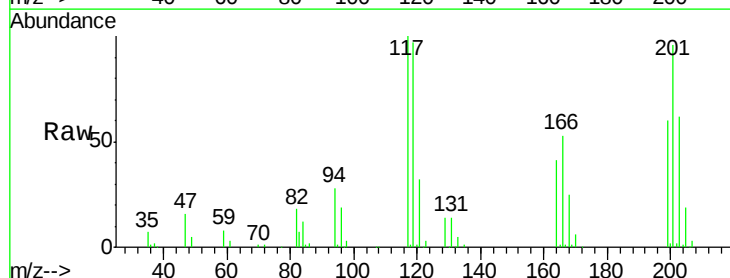
Tgt Ion:117 Resp: 87008

Ion Ratio Lower Upper

117 100

119 96.6 77.4 116.2

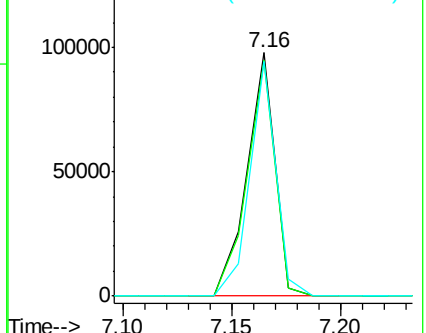
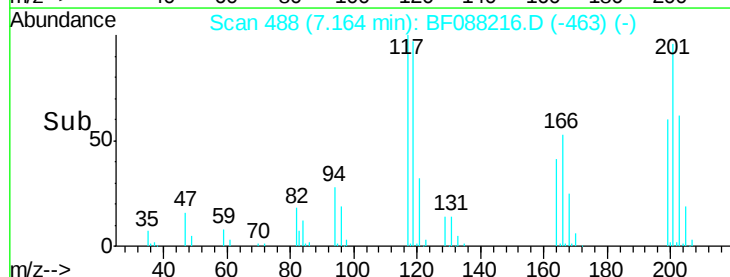
201 96.4 80.4 120.6



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: 39.18 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 70 Resp: 146801

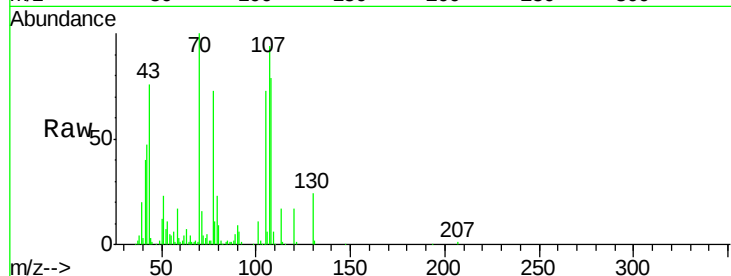
Ion Ratio Lower Upper

70 100

42 46.6 49.6 74.4#

101 10.5 7.1 10.7

130 24.1 15.4 23.2#

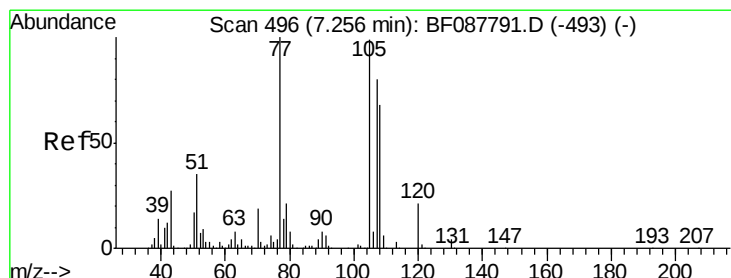
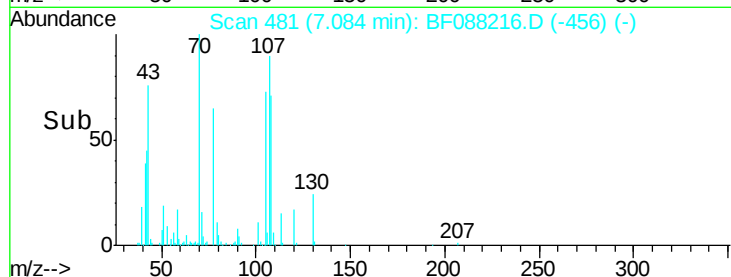
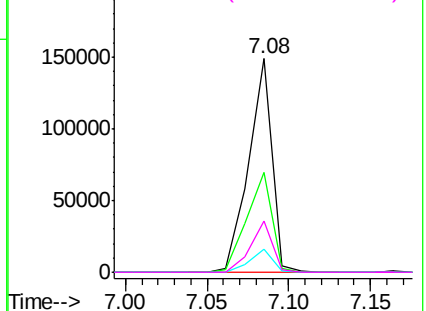


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 42.15 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Tgt Ion: 107 Resp: 228110

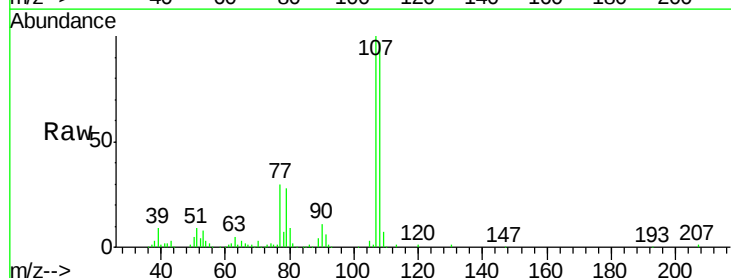
Ion Ratio Lower Upper

107 100

108 96.9 67.8 107.8

77 30.0 59.3 99.3#

79 28.0 7.0 47.0

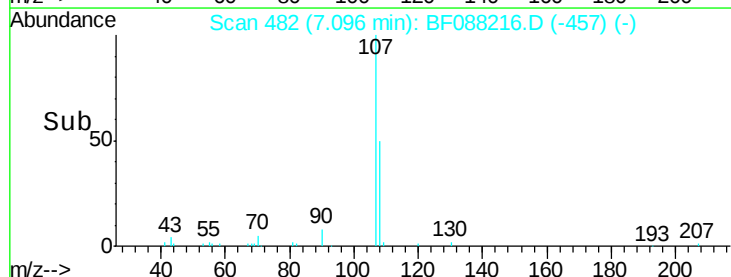
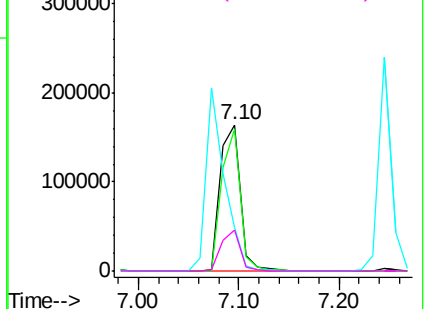


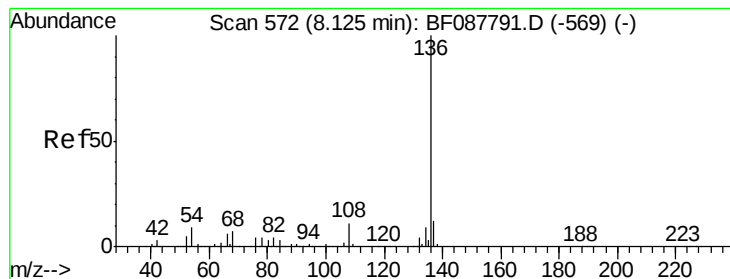
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

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: 7.94 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF088216.D

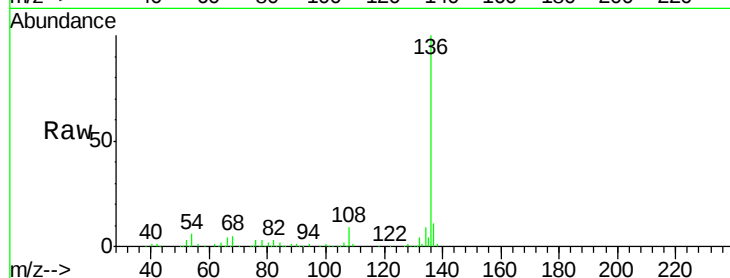
Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:136 | Resp: | 332344    |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 11.0  | 9.1 13.7  |
| 54          | 5.9   | 6.6 10.0# |
| 68          | 5.3   | 5.1 7.7   |

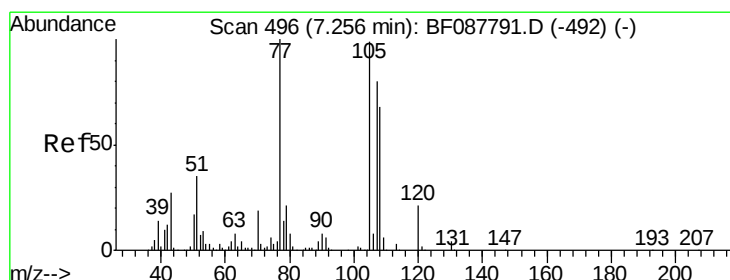
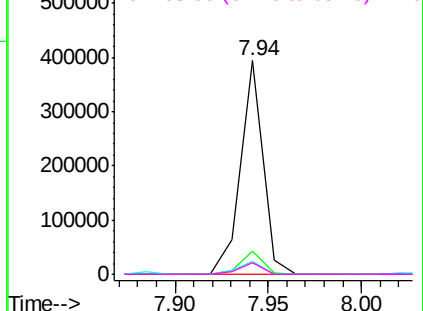
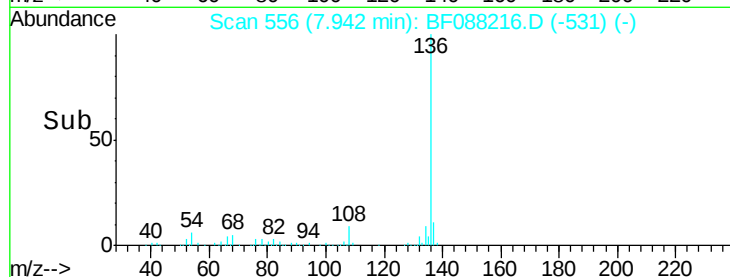


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.78 ng

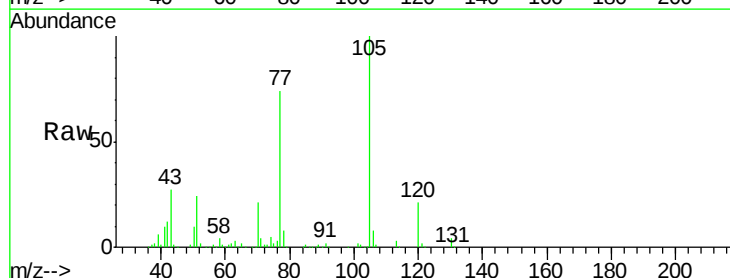
RT: 7.07 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 280593    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 3.6   | 5.3 7.9#  |
| 51          | 23.8  | 18.2 27.4 |
| 120         | 21.2  | 18.0 27.0 |

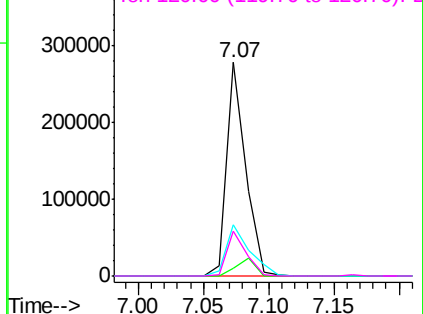
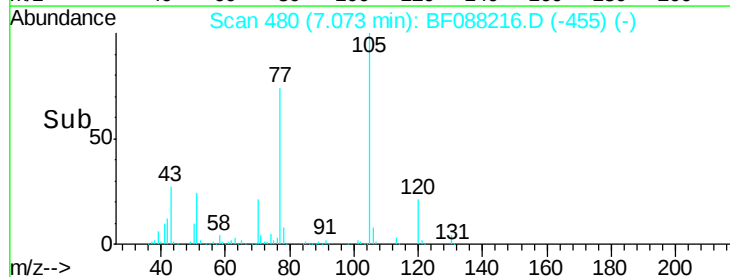


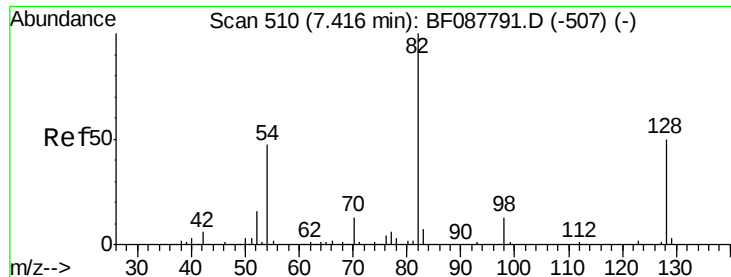
Abundance Ion 105.00 (104.70 to 105.70): E

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

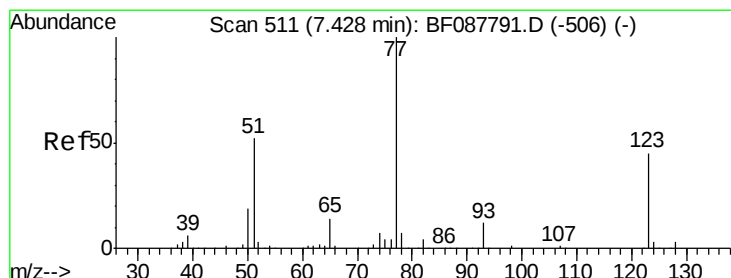
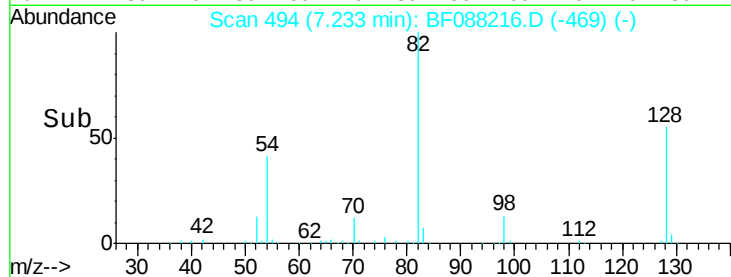
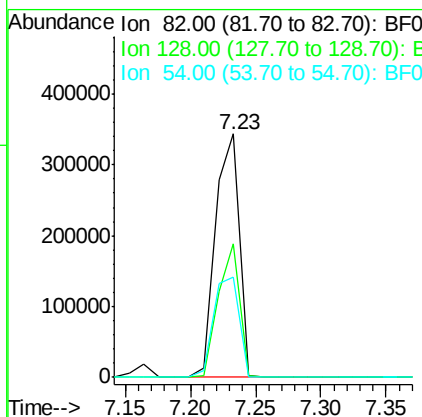
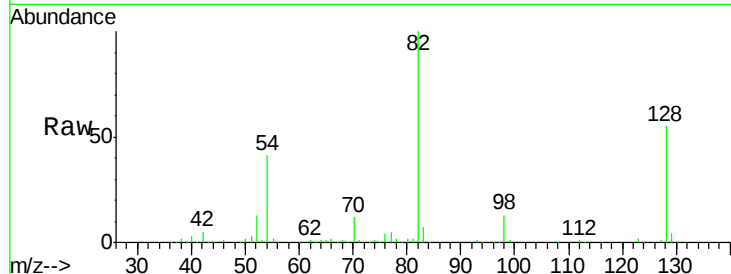




#23  
 Nitrobenzene-d5  
 Concen: 77.20 ng  
 RT: 7.23 min Scan# 494  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

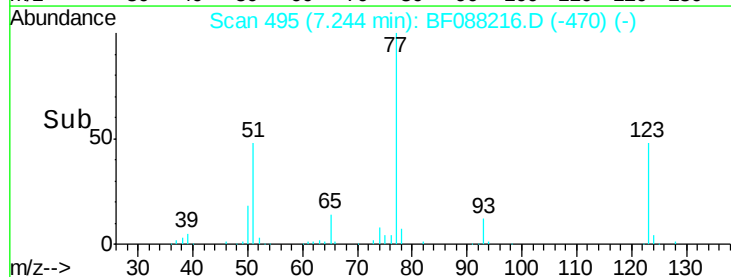
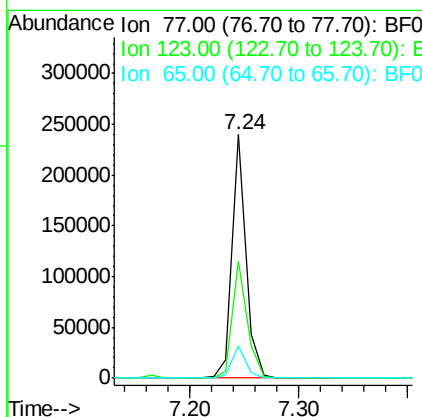
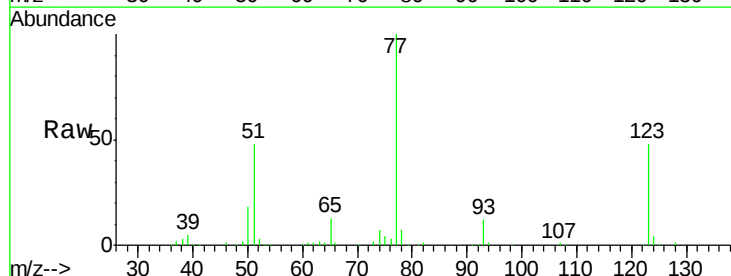
Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion: 82 Resp: 439376  
 Ion Ratio Lower Upper  
 82 100  
 128 54.9 35.9 53.9#  
 54 41.2 40.9 61.3



#24  
 Nitrobenzene  
 Concen: 38.19 ng  
 RT: 7.24 min Scan# 495  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

Tgt Ion: 77 Resp: 210544  
 Ion Ratio Lower Upper  
 77 100  
 123 47.8 45.0 67.4  
 65 13.4 10.2 15.2





#25

Isophorone

Concen: 36.11 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

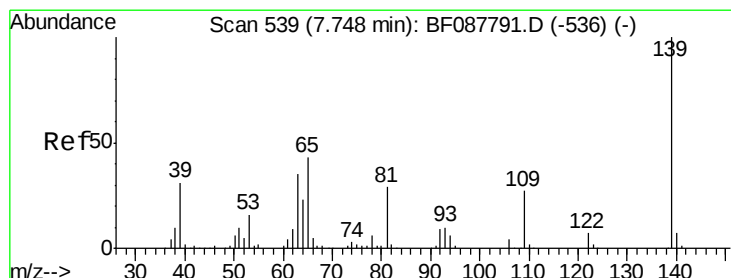
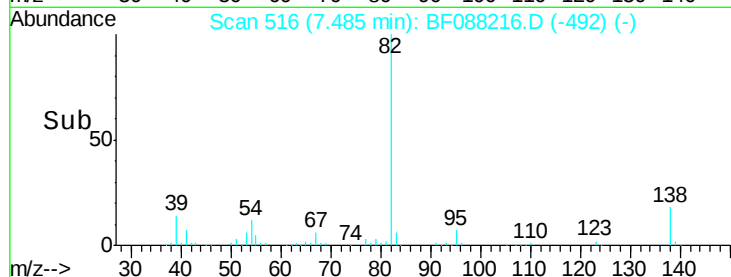
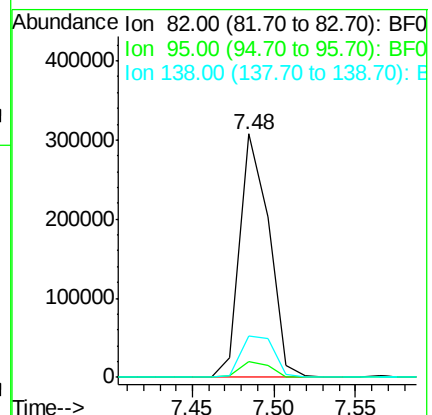
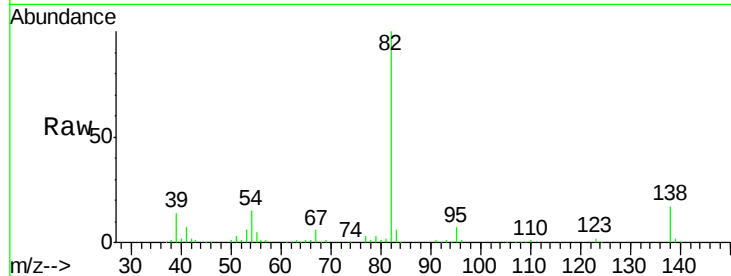
Tot Ion: 82 Resp: 380672

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 16.8 14.6 21.8



#26

2-Nitrophenol

Concen: 43.51 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

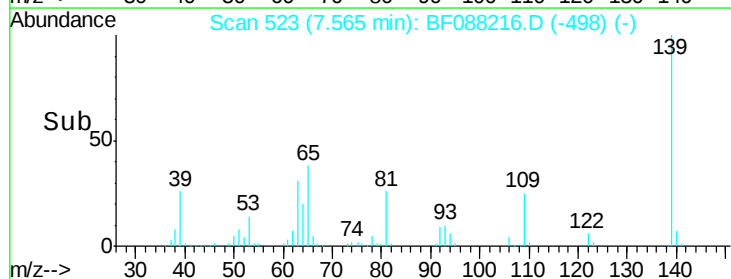
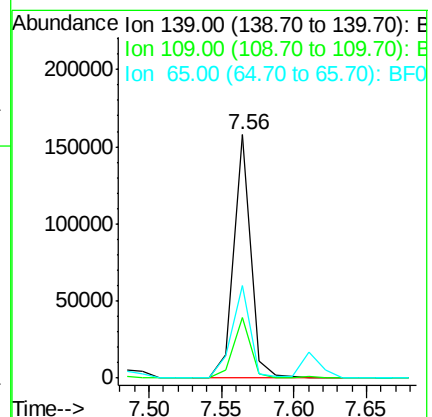
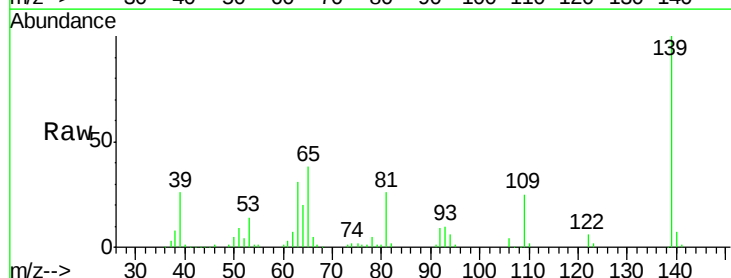
Tgt Ion: 139 Resp: 128501

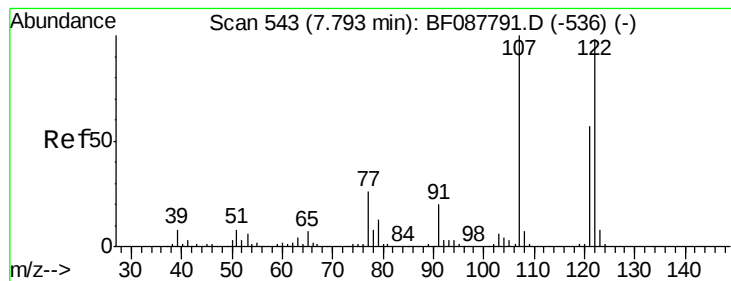
Ion Ratio Lower Upper

139 100

109 24.9 23.0 34.4

65 37.9 45.8 68.8#

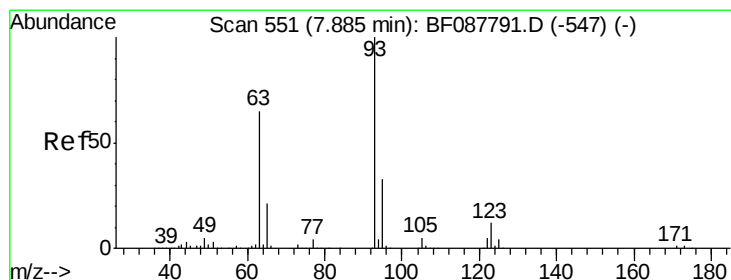
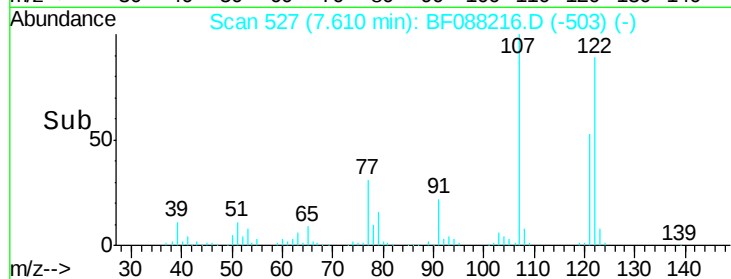
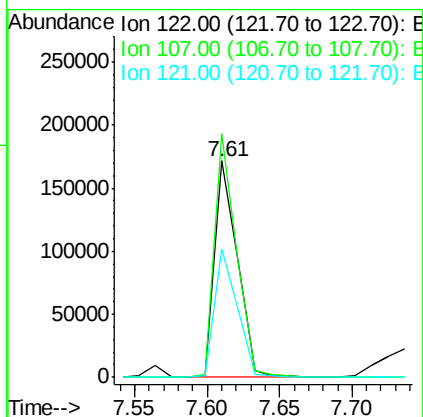
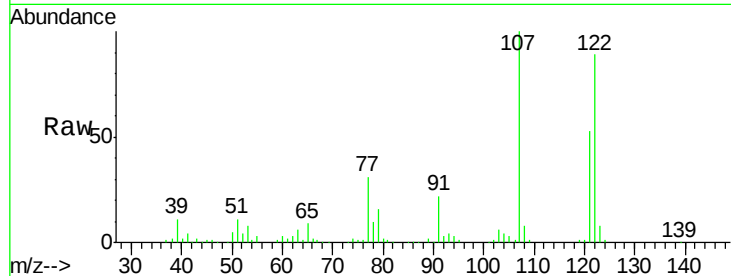




#27  
2,4-Dimethylphenol  
Concen: 34.38 ng  
RT: 7.61 min Scan# 527  
Delta R.T. -0.02 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

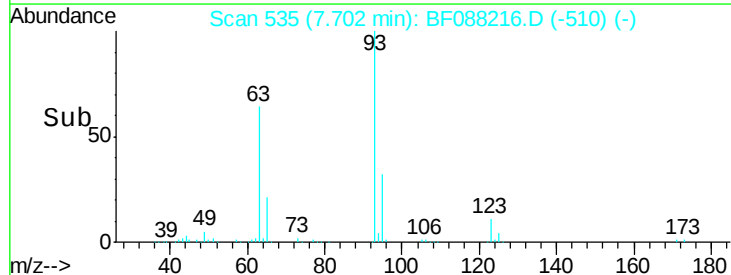
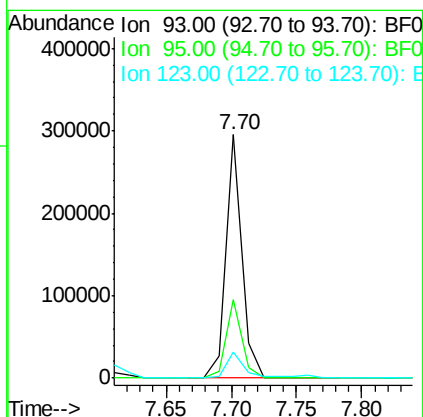
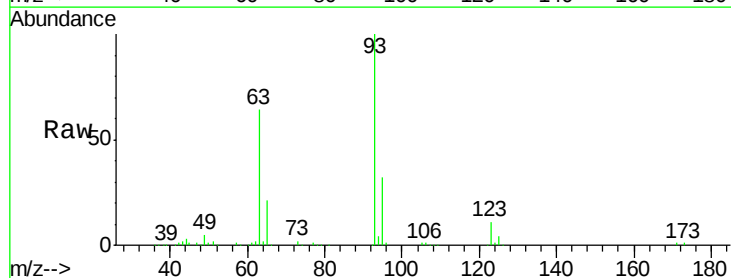
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:122 Resp: 186948  
Ion Ratio Lower Upper  
122 100  
107 112.4 82.4 123.6  
121 59.2 46.3 69.5



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.50 ng  
RT: 7.70 min Scan# 535  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

Tgt Ion: 93 Resp: 251707  
Ion Ratio Lower Upper  
93 100  
95 32.4 26.5 39.7  
123 10.7 11.6 17.4#

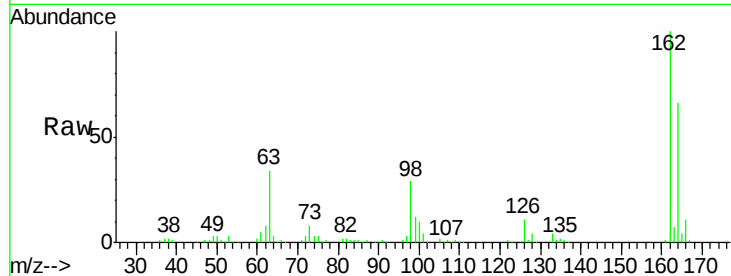




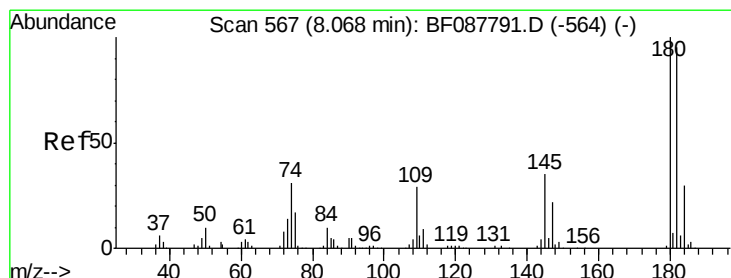
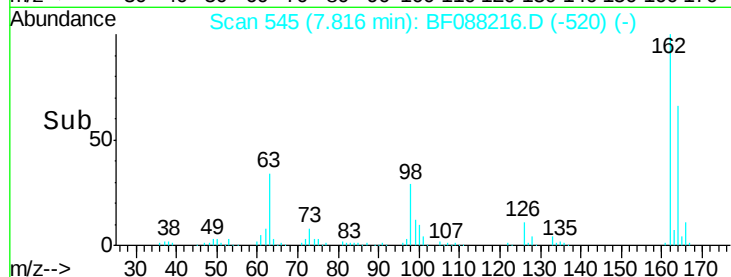
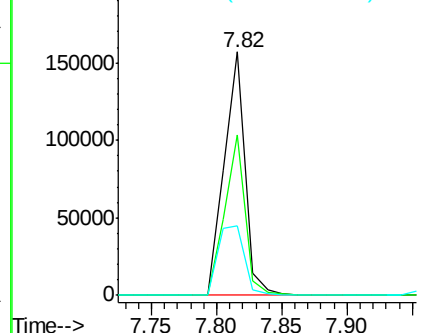
#29  
 2,4-Dichlorophenol  
 Concen: 38.85 ng  
 RT: 7.82 min Scan# 545  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.0  | 43.8  | 83.8  |
| 98      | 28.7  | 21.3  | 61.3  |

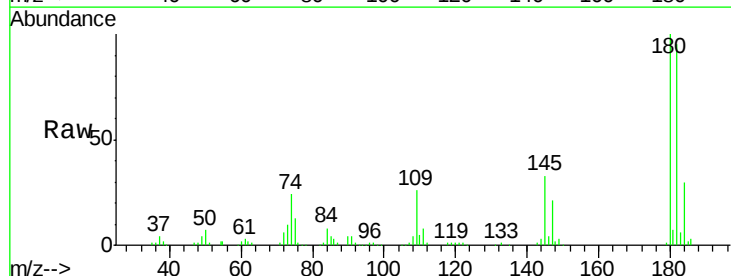


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

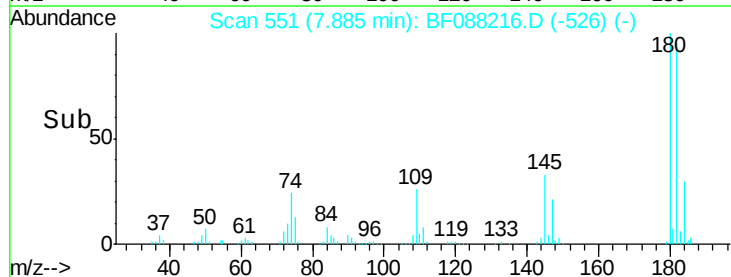
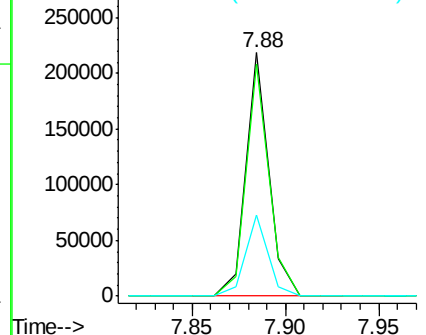


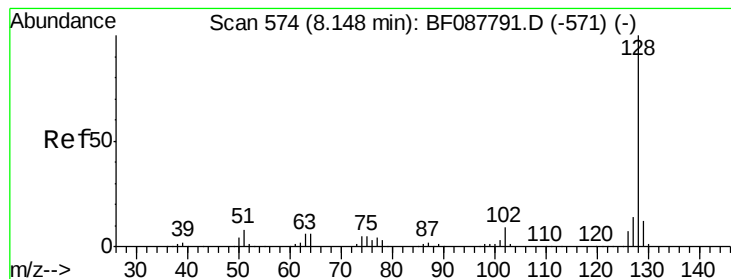
#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.82 ng  
 RT: 7.88 min Scan# 551  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.1  | 76.0  | 114.0 |
| 145     | 33.3  | 26.5  | 39.7  |



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: 39.86 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampled :

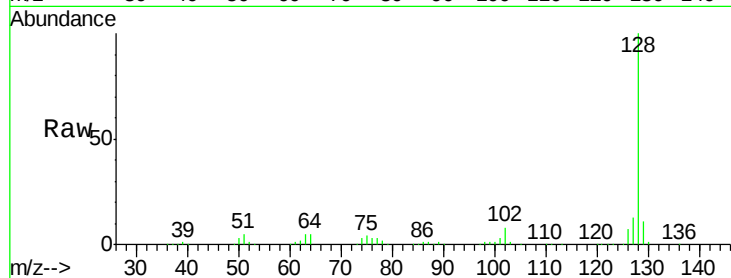
Tot Ion:128 Resp: 655617

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.2

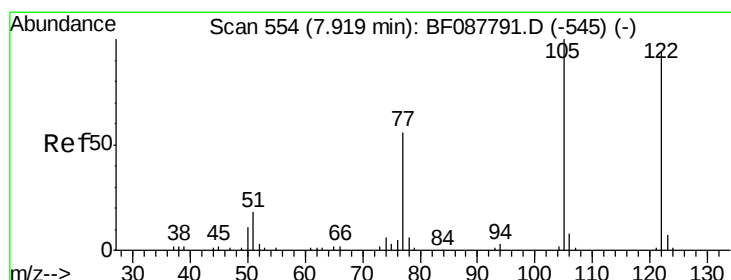
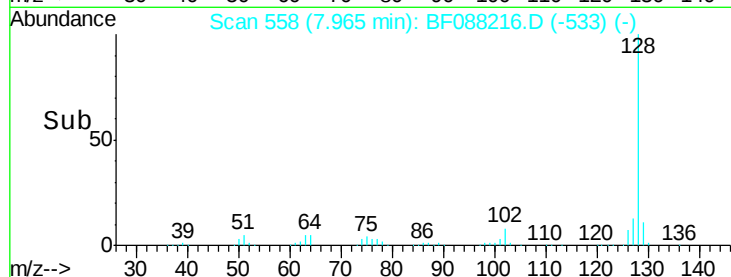
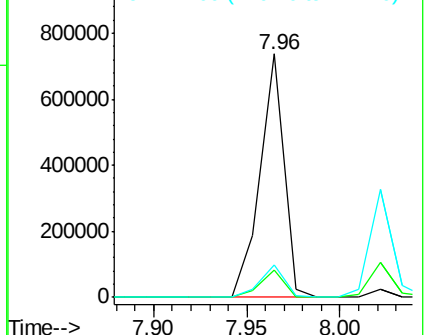
127 13.4 10.9 16.3



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: 34.48 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

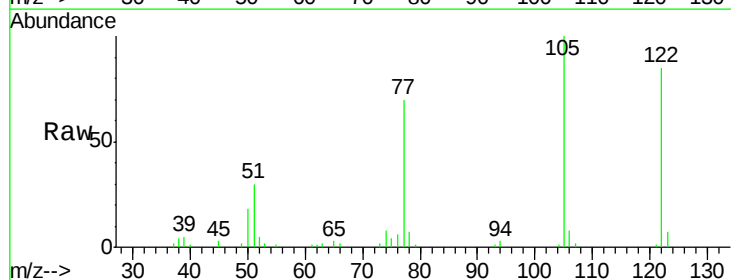
Tgt Ion:122 Resp: 103231

Ion Ratio Lower Upper

122 100

105 117.6 101.6 141.6

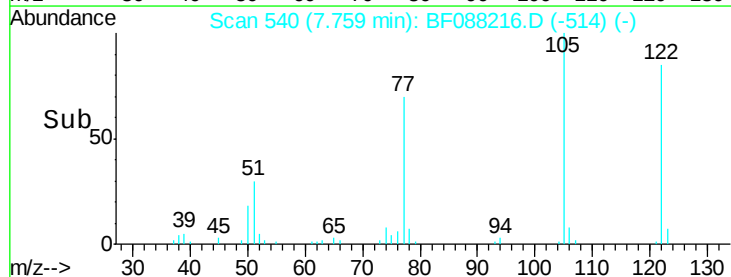
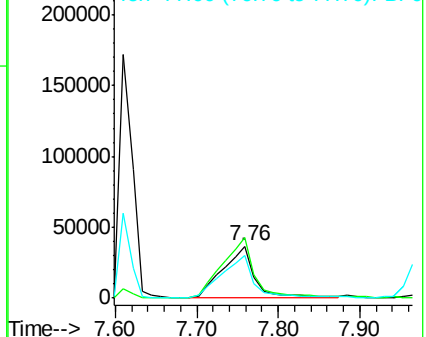
77 82.8 70.6 110.6

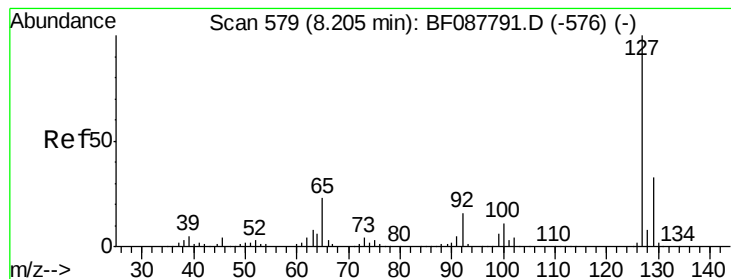


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.24 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampled :

Tot Ion:127 Resp: 280811

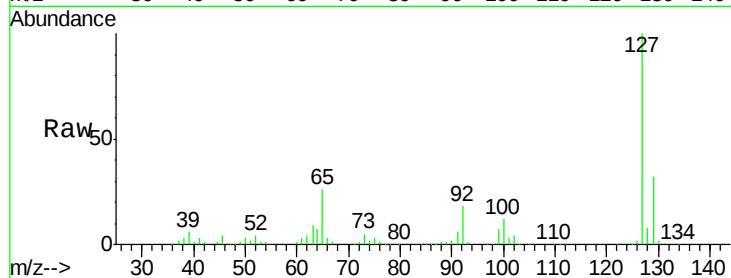
Ion Ratio Lower Upper

127 100

129 32.1 26.3 39.5

65 26.1 24.7 37.1

92 17.6 15.4 23.0

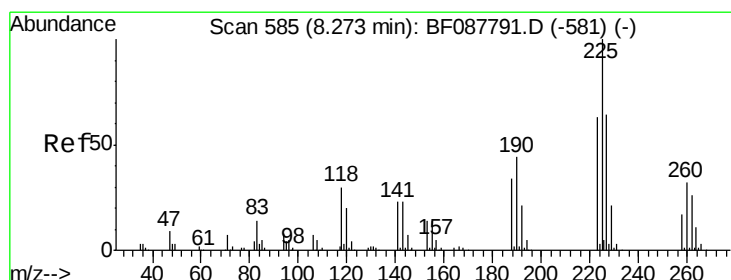
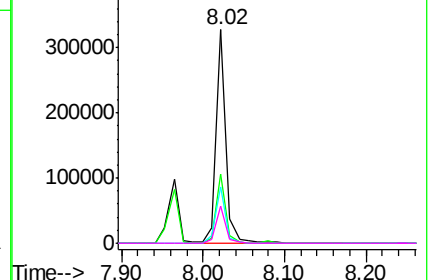
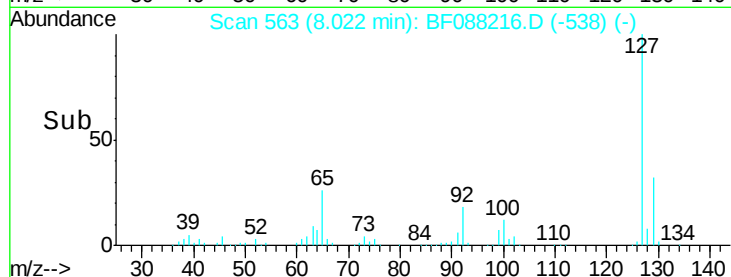


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 36.85 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

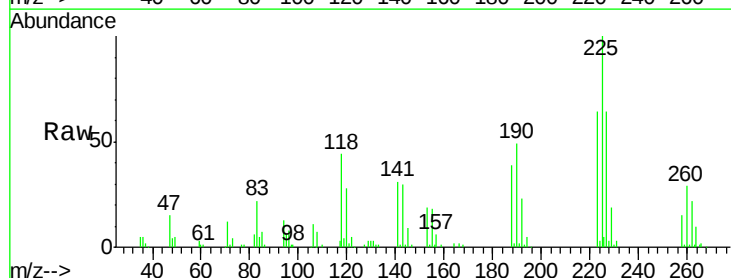
Tgt Ion:225 Resp: 96058

Ion Ratio Lower Upper

225 100

223 64.2 50.9 76.3

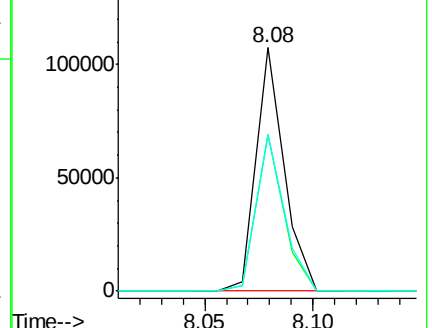
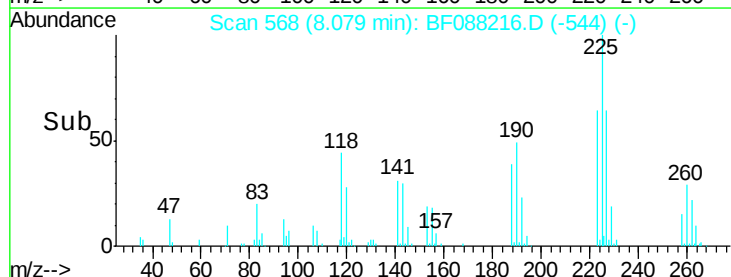
227 64.1 51.9 77.9

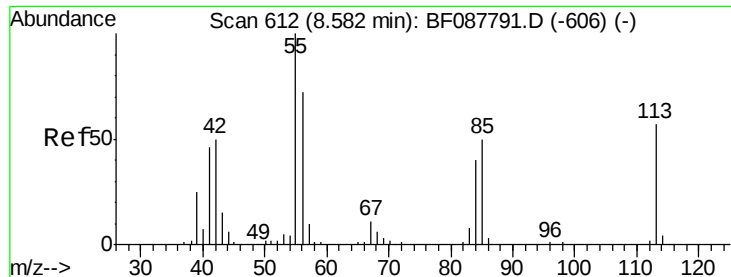


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

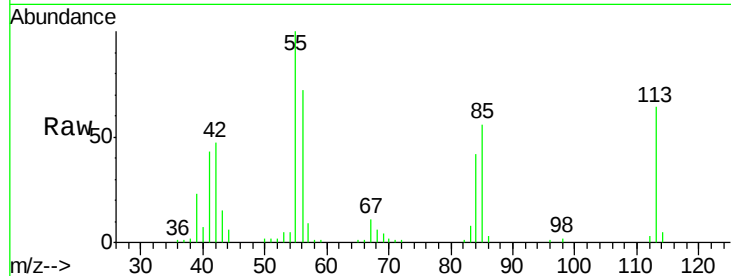




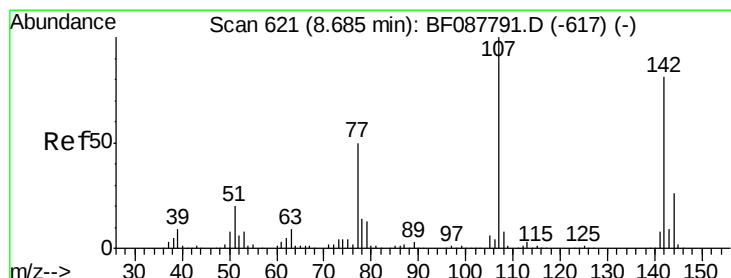
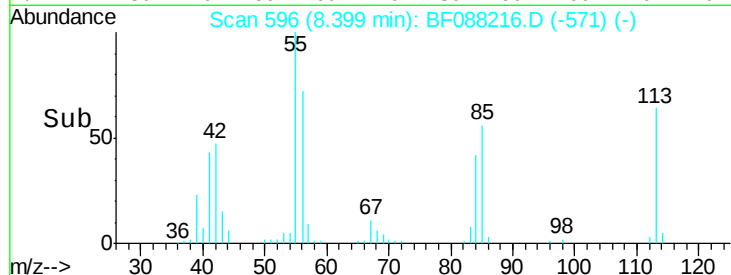
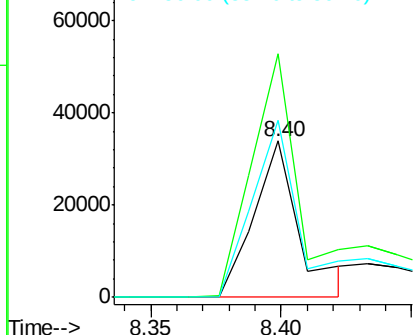
#35  
 Caprolactam  
 Concen: 27.68 ng  
 RT: 8.40 min Scan# 596  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:113 Resp: 41630  
 Ion Ratio Lower Upper  
 113 100  
 55 155.5 158.6 198.6#  
 56 112.7 110.6 150.6

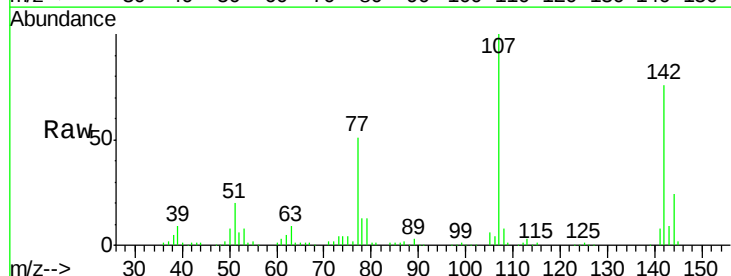


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

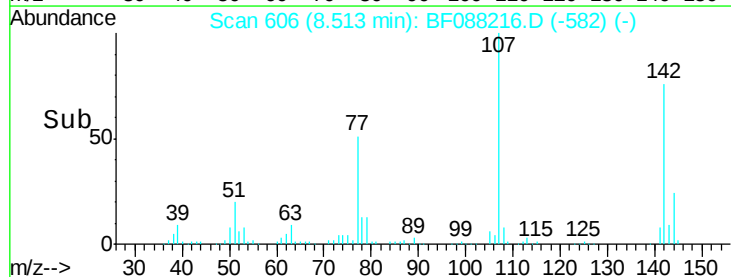
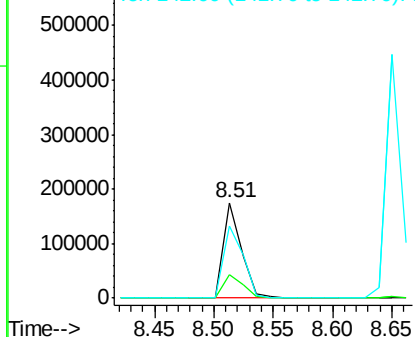


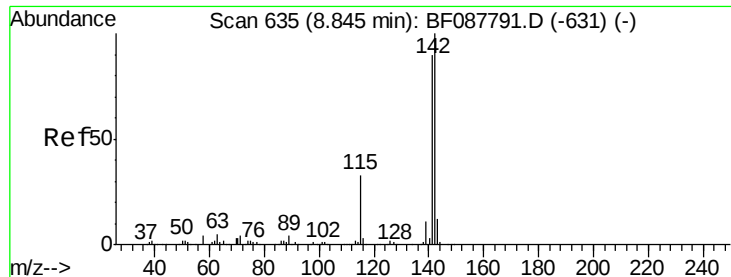
#36  
 4-Chloro-3-methylphenol  
 Concen: 36.96 ng  
 RT: 8.51 min Scan# 606  
 Delta R.T. -0.02 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

Tgt Ion:107 Resp: 179458  
 Ion Ratio Lower Upper  
 107 100  
 144 24.2 20.8 31.2  
 142 76.2 63.4 95.2



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

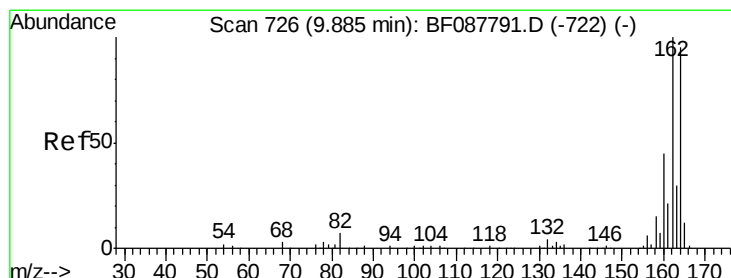
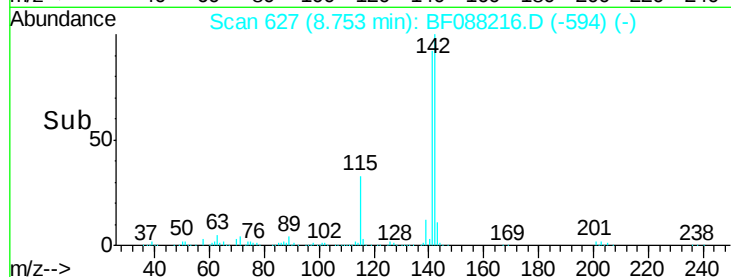
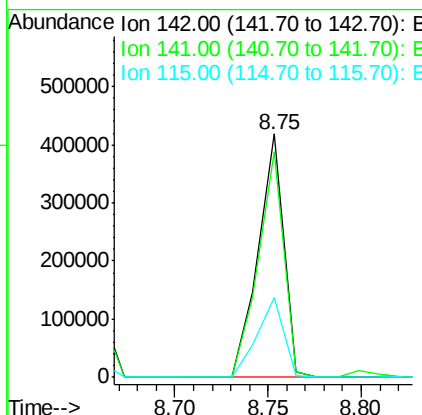
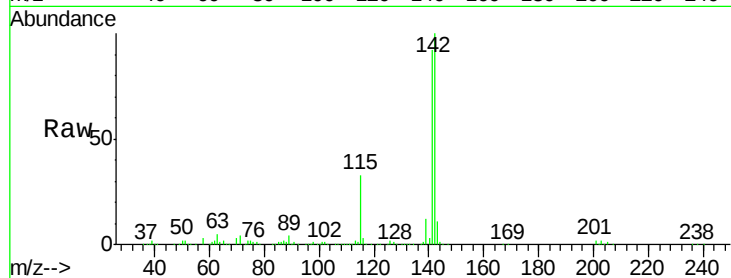




#37  
 2-Methylnaphthalene  
 Concen: 36.52 ng  
 RT: 8.75 min Scan# 627  
 Delta R.T. 0.08 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

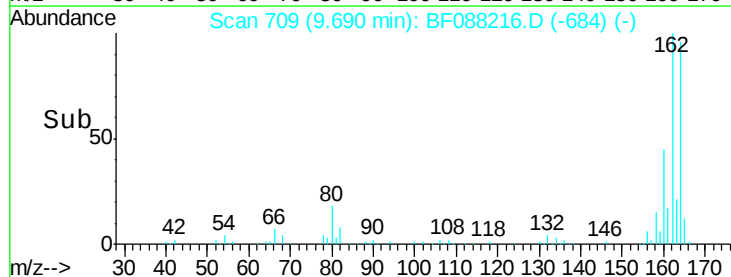
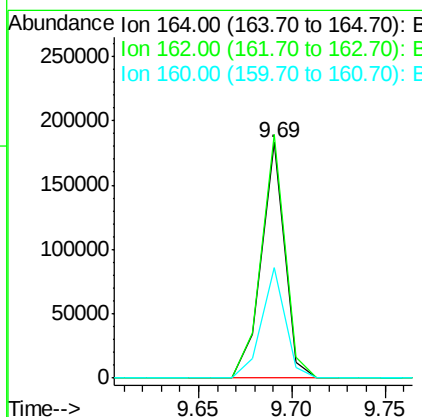
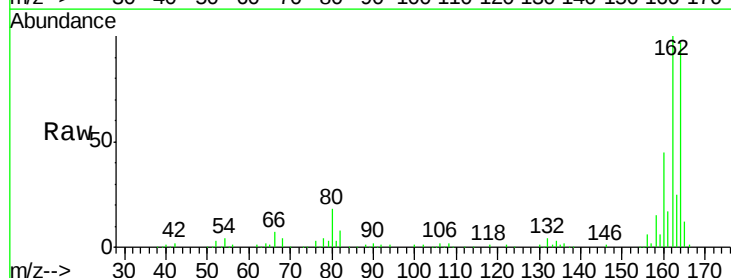
Instrument :  
 BNA\_F  
 ClientSampleId :

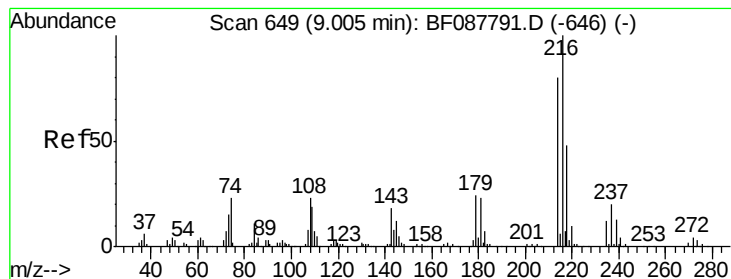
Tot Ion:142 Resp: 395912  
 Ion Ratio Lower Upper  
 142 100  
 141 92.5 71.0 106.6  
 115 32.6 22.6 33.8



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.69 min Scan# 709  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

Tgt Ion:164 Resp: 157836  
 Ion Ratio Lower Upper  
 164 100  
 162 103.2 85.4 128.2  
 160 46.9 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.83 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:216 Resp: 187106

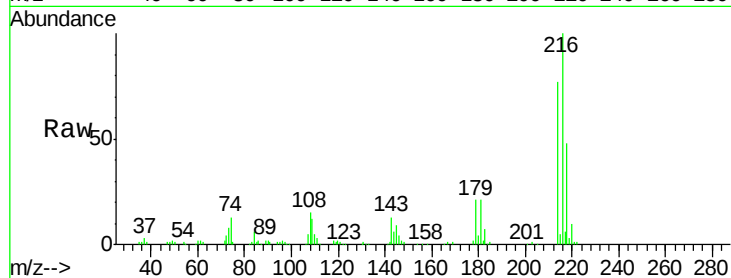
Ion Ratio Lower Upper

216 100

214 77.8 2.9 4.3#

179 22.1 0.0 0.0#

108 19.6 0.5 0.7#

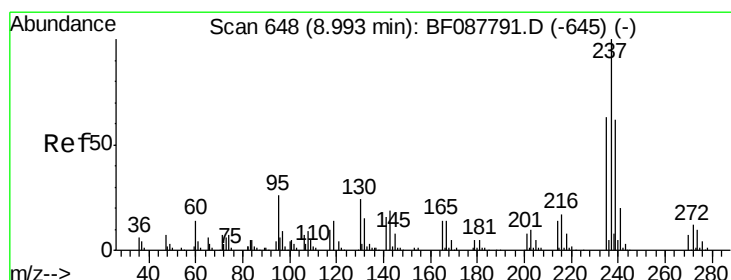
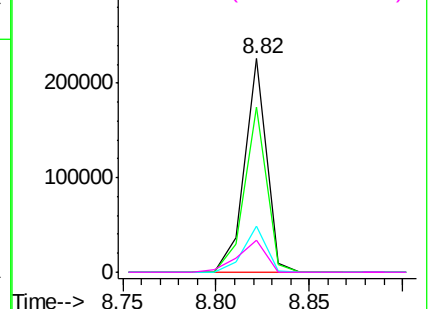
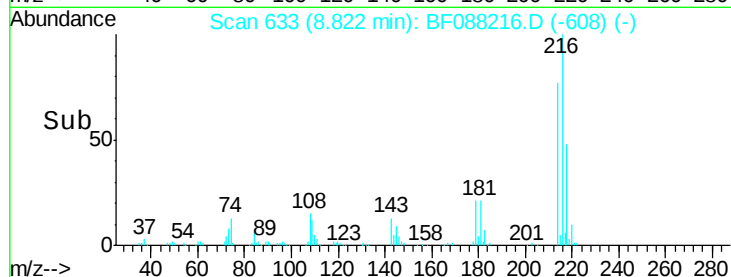


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.19 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

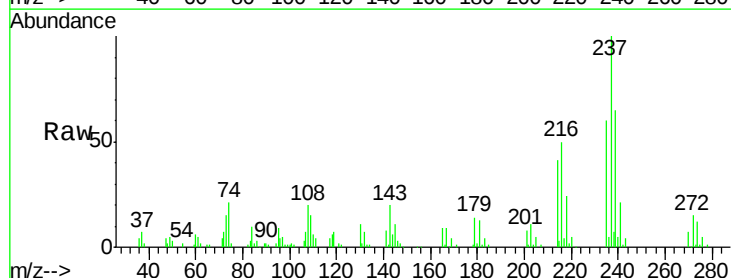
Tgt Ion:237 Resp: 81952

Ion Ratio Lower Upper

237 100

235 60.1 43.4 83.4

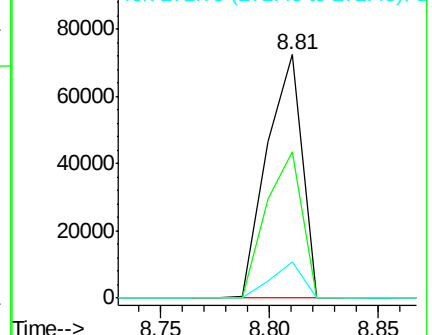
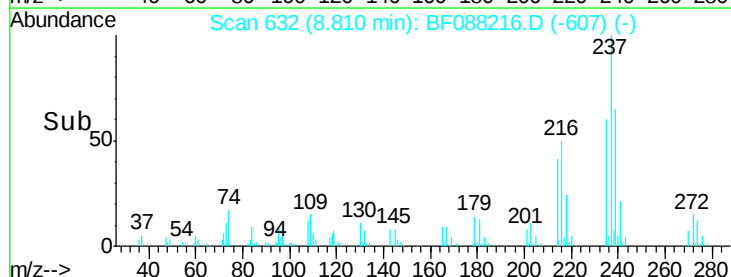
272 14.6 0.0 32.3



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

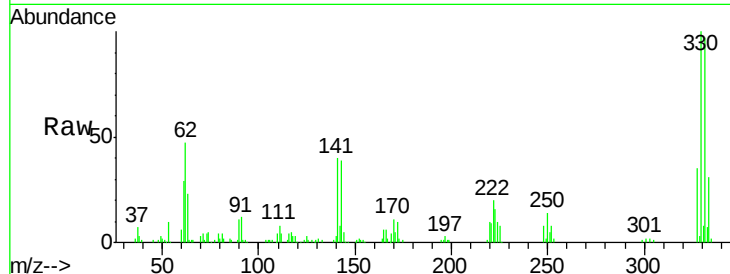




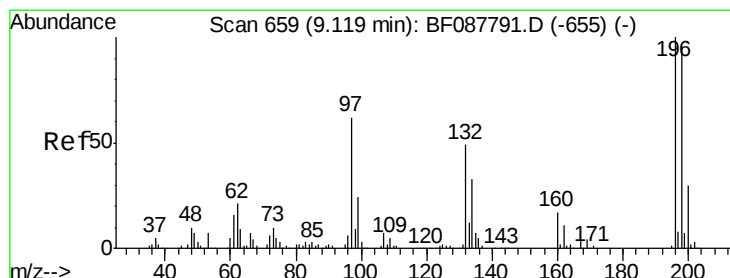
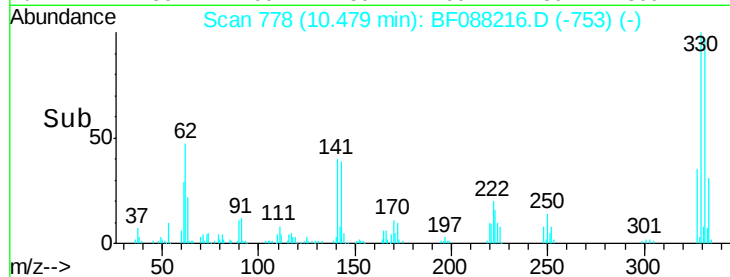
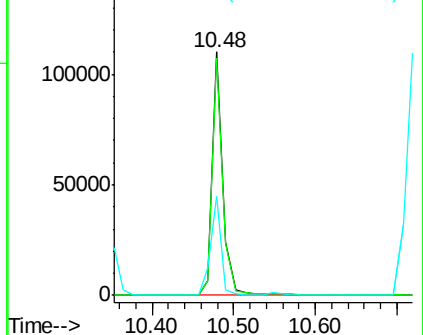
#41  
 2,4,6-Tribromophenol  
 Concen: 61.14 ng  
 RT: 10.48 min Scan# 778  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.7  | 0.0   | 0.0#  |
| 141     | 41.6  | 0.0   | 0.0#  |

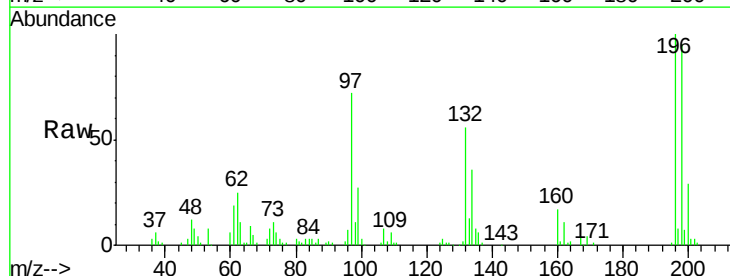


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

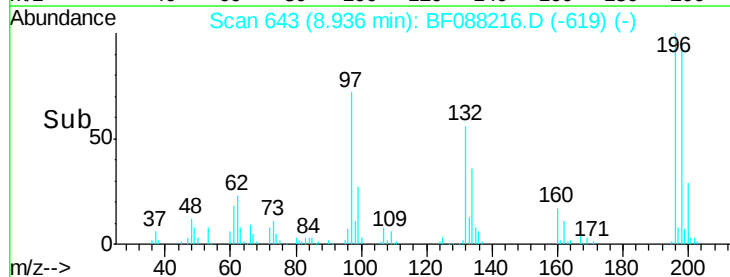
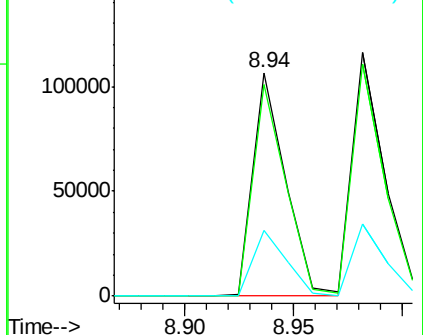


#42  
 2,4,6-Trichlorophenol  
 Concen: 35.27 ng  
 RT: 8.94 min Scan# 643  
 Delta R.T. -0.02 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.8  | 78.0  | 117.0 |
| 200     | 29.4  | 25.4  | 38.2  |



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

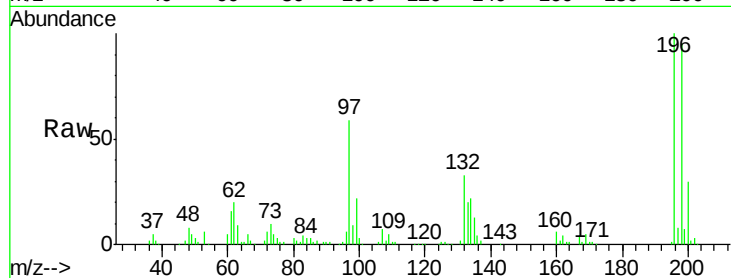




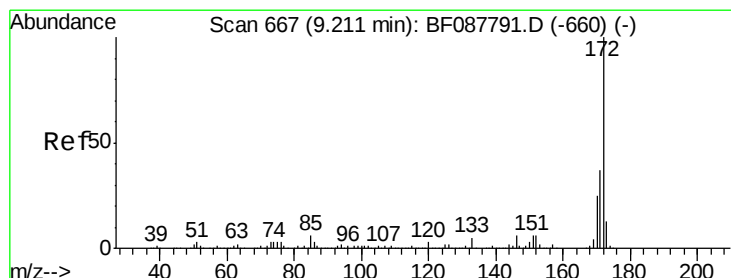
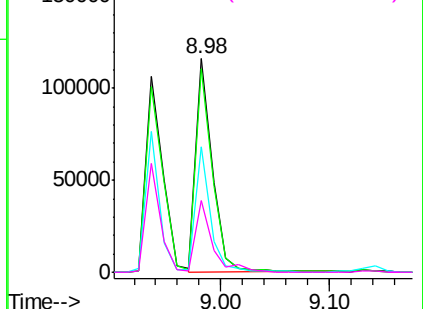
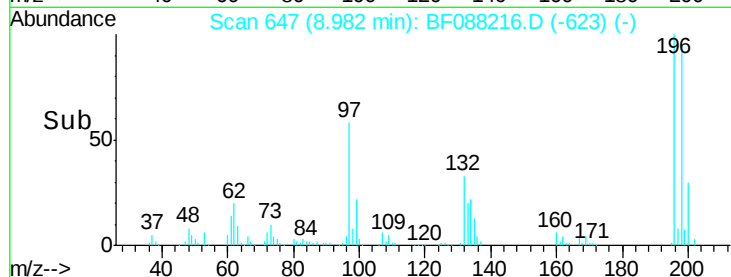
#43  
 2,4,5-Trichlorophenol  
 Concen: 37.15 ng  
 RT: 8.98 min Scan# 647  
 Delta R.T. -0.02 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.2  | 77.5  | 116.3 |
| 97      | 58.6  | 32.0  | 48.0  |
| 132     | 33.4  | 20.9  | 31.3  |

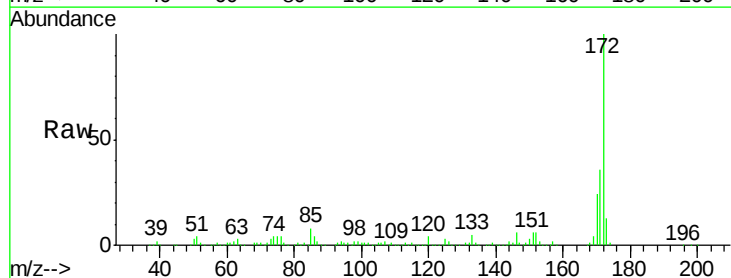


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

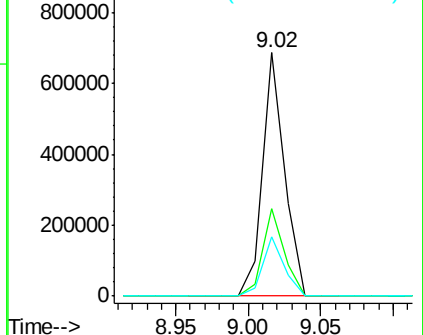
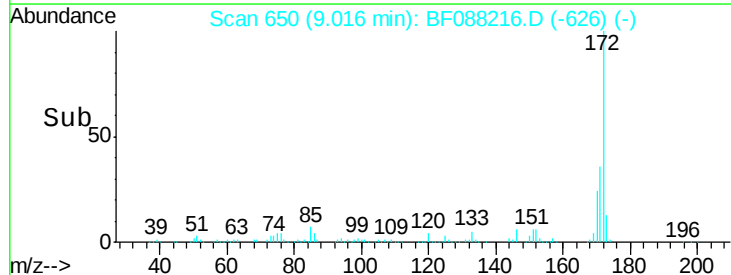


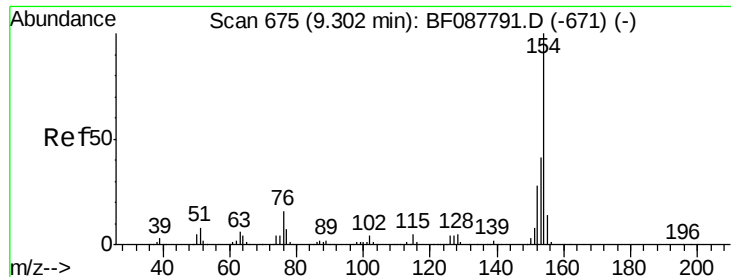
#44  
 2-Fluorobiphenyl  
 Concen: 70.63 ng  
 RT: 9.02 min Scan# 650  
 Delta R.T. -0.02 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 28.6  | 43.0  |
| 170     | 24.2  | 19.2  | 28.8  |



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: 43.42 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

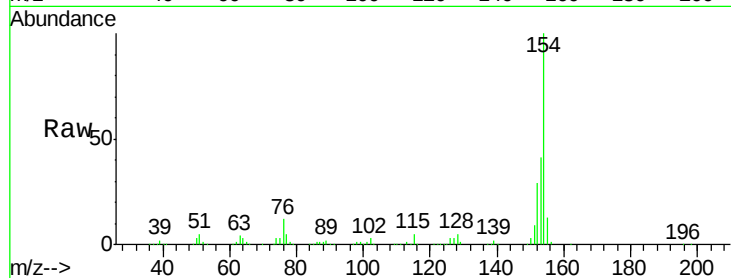
Tot Ion:154 Resp: 517006

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

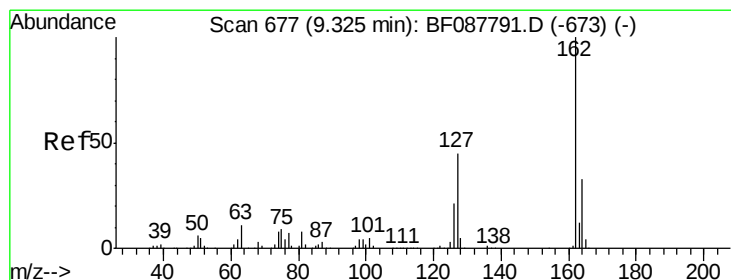
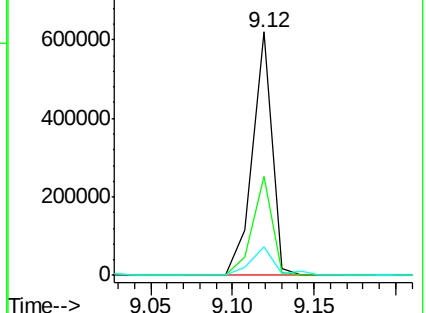
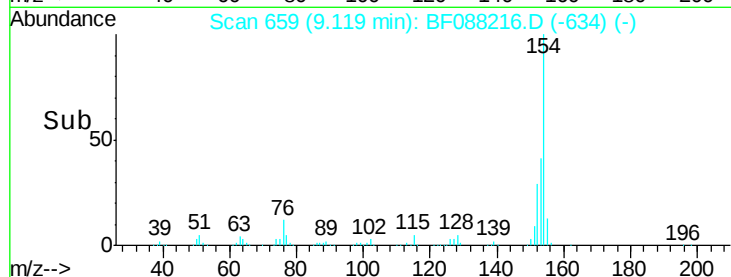
76 11.6 0.0 35.1



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: 39.19 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

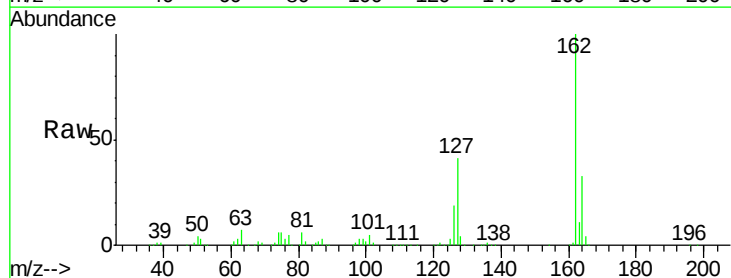
Tgt Ion:162 Resp: 400275

Ion Ratio Lower Upper

162 100

127 40.6 35.2 52.8

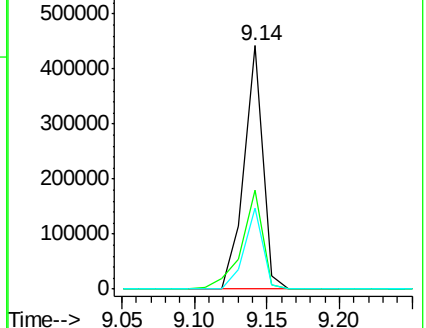
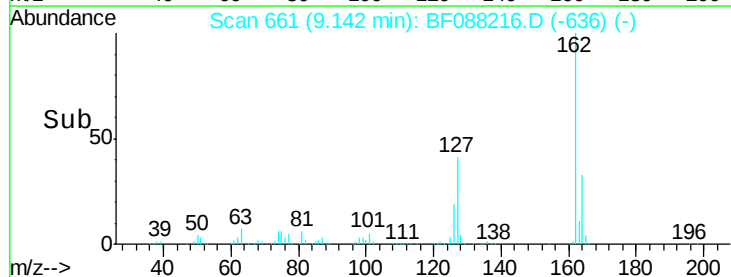
164 33.2 26.6 39.8

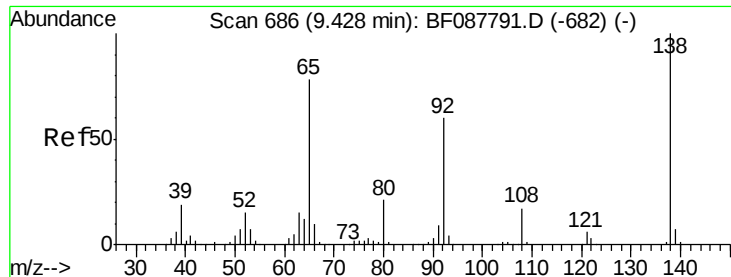


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

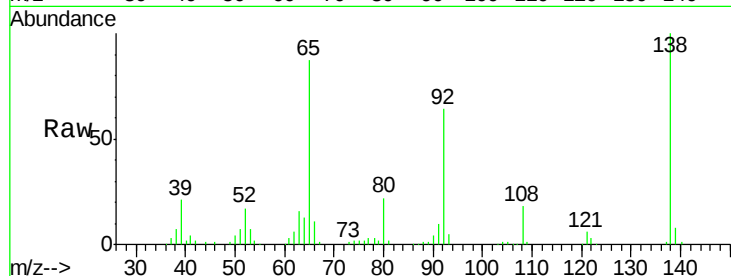




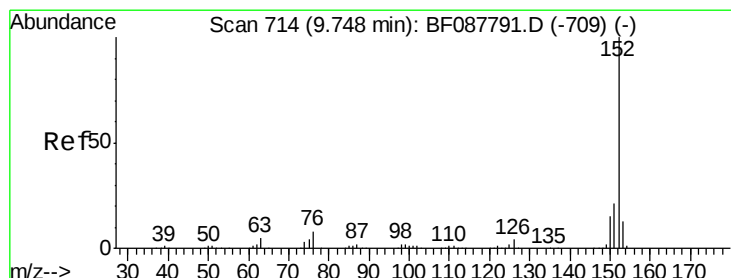
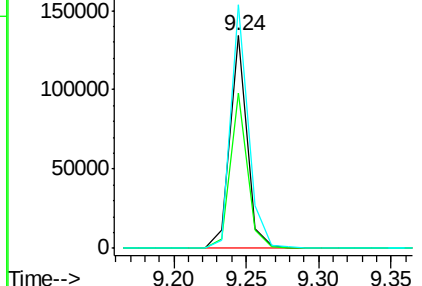
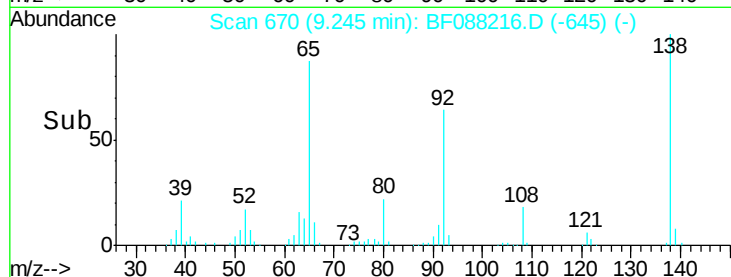
#47  
2-Nitroaniline  
Concen: 36.51 ng  
RT: 9.24 min Scan# 670  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 65 Resp: 110002  
Ion Ratio Lower Upper  
65 100  
92 73.3 54.6 82.0  
138 114.7 77.0 115.4

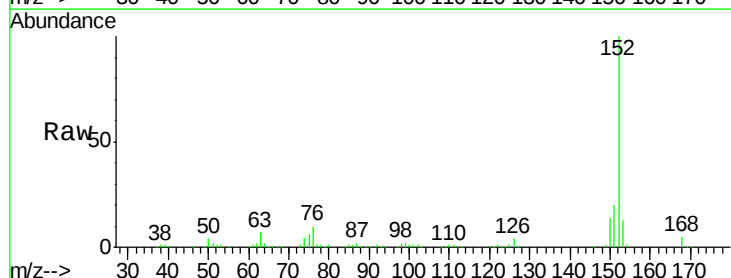


Abundance Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0

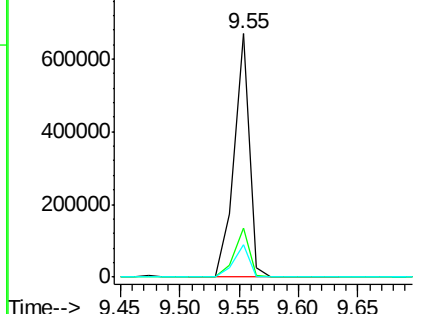
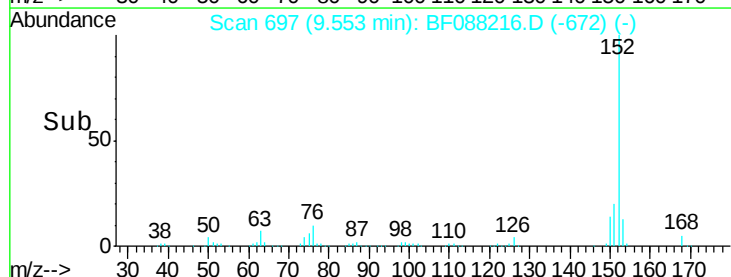


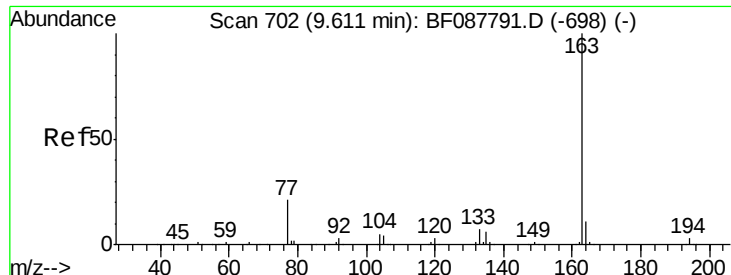
#48  
Acenaphthylene  
Concen: 36.87 ng  
RT: 9.55 min Scan# 697  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

Tgt Ion: 152 Resp: 599052  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.4  
153 13.2 11.0 16.6



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

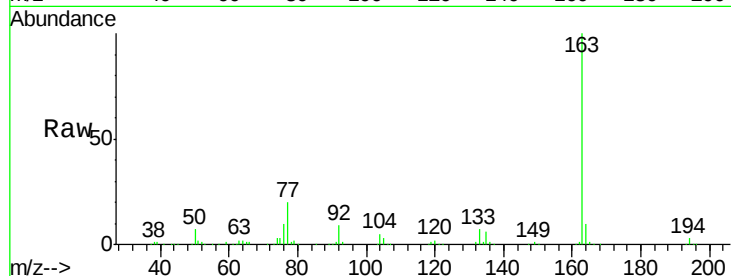




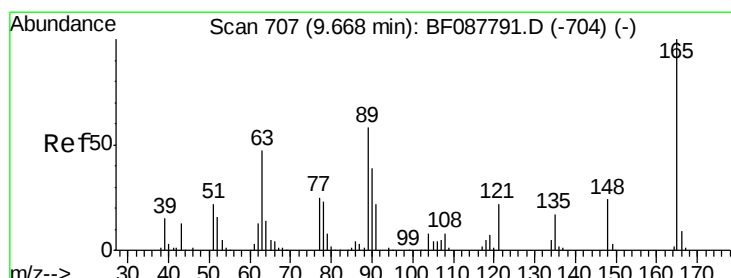
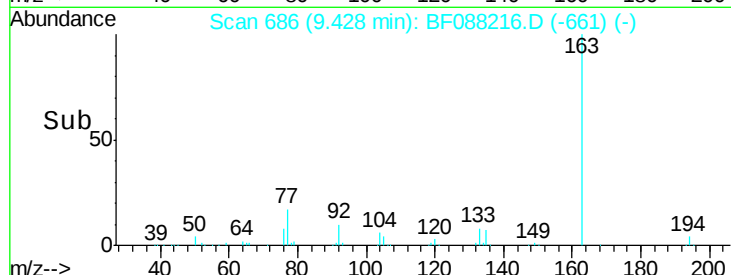
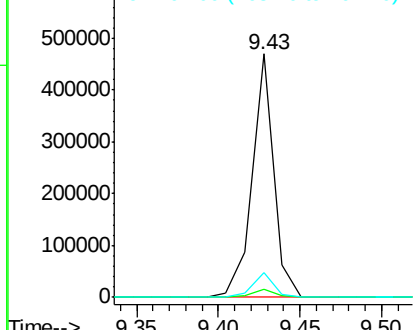
#49  
Dimethylphthalate  
Concen: 37.59 ng  
RT: 9.43 min Scan# 686  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:163 Resp: 429823  
Ion Ratio Lower Upper  
163 100  
194 3.3 2.8 4.2  
164 10.4 8.3 12.5

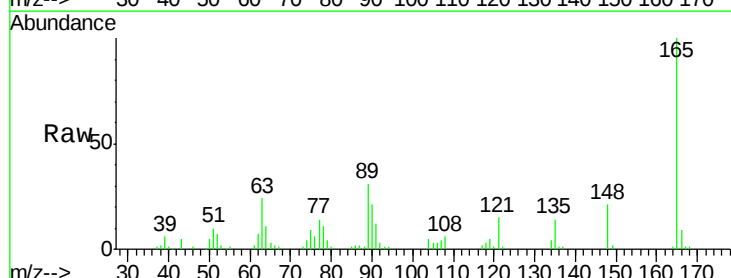


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

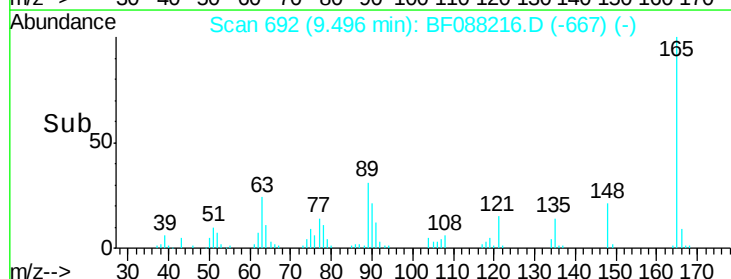
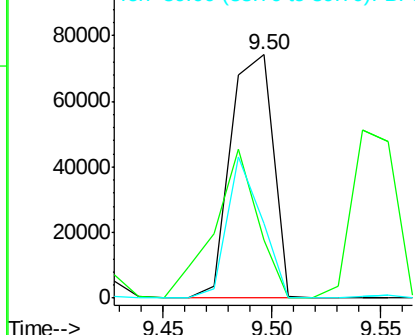


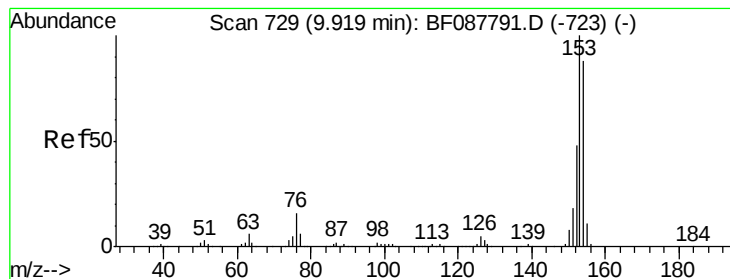
#50  
2,6-Dinitrotoluene  
Concen: 38.37 ng  
RT: 9.50 min Scan# 692  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

Tgt Ion:165 Resp: 100468  
Ion Ratio Lower Upper  
165 100  
63 23.8 28.1 42.1#  
89 30.6 32.2 48.2#



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: 35.96 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

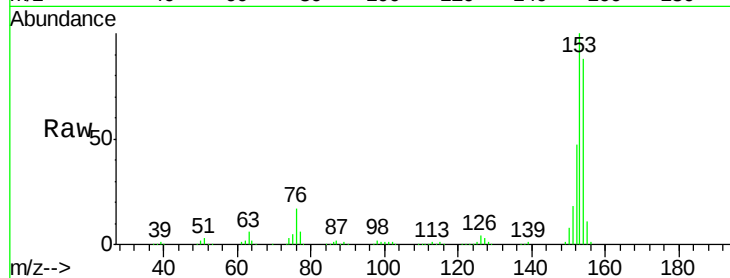
Tot Ion:154 Resp: 364470

Ion Ratio Lower Upper

154 100

153 113.6 89.5 134.3

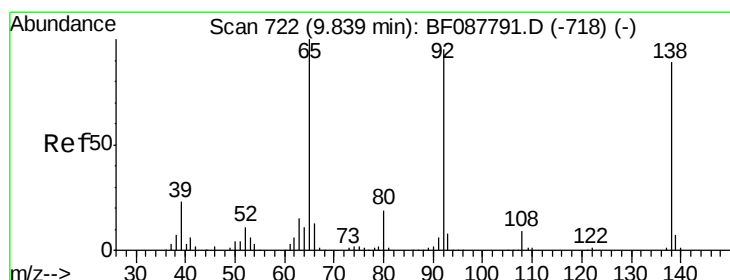
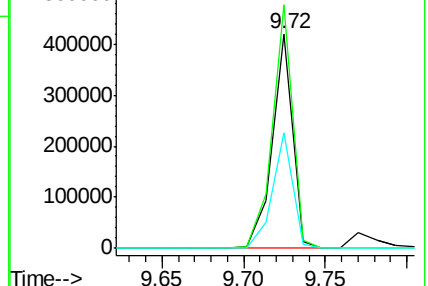
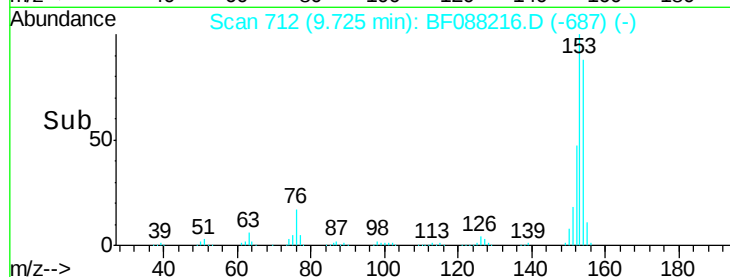
152 53.7 42.7 64.1



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: 34.30 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

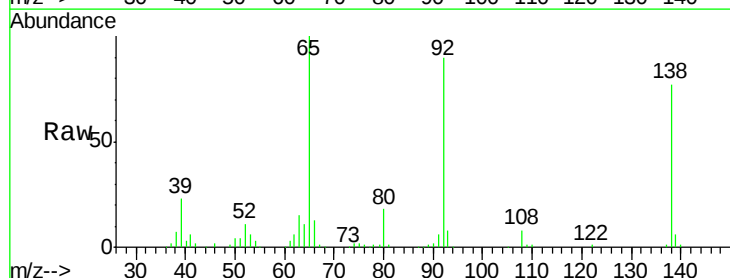
Tgt Ion:138 Resp: 103627

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

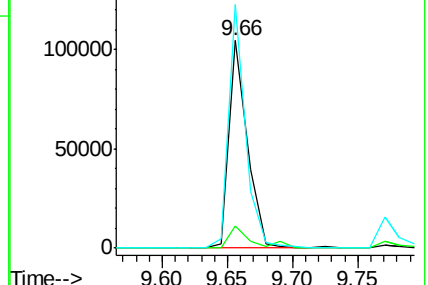
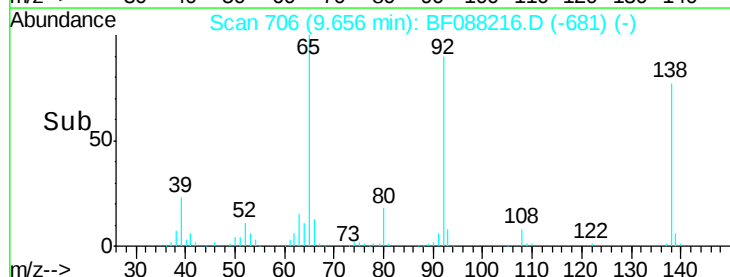
92 117.2 95.7 143.5



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

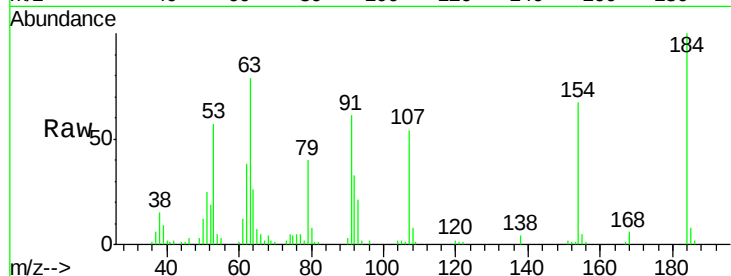




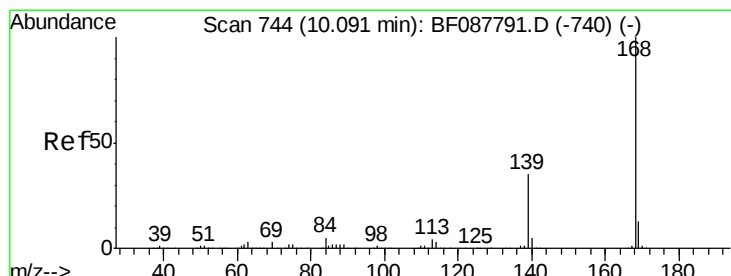
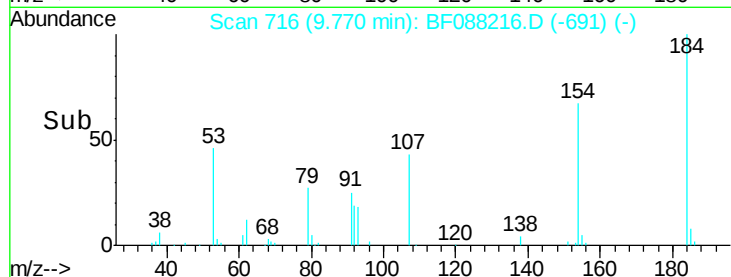
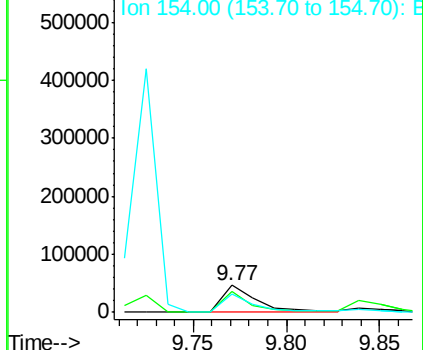
#53  
2,4-Dinitrophenol  
Concen: 49.24 ng  
RT: 9.77 min Scan# 716  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:184 Resp: 63047  
Ion Ratio Lower Upper  
184 100  
63 79.0 57.6 86.4  
154 66.6 53.5 80.3

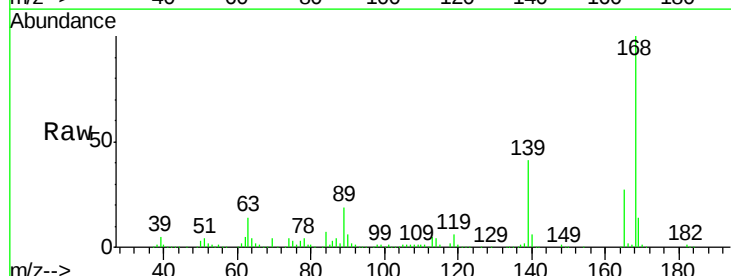


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

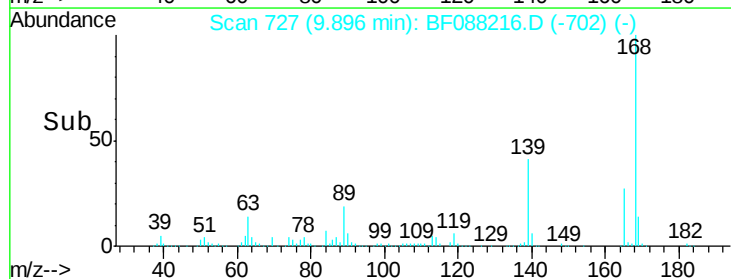
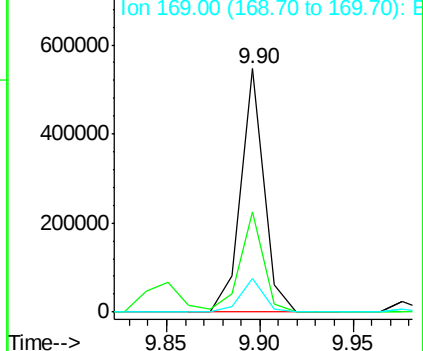


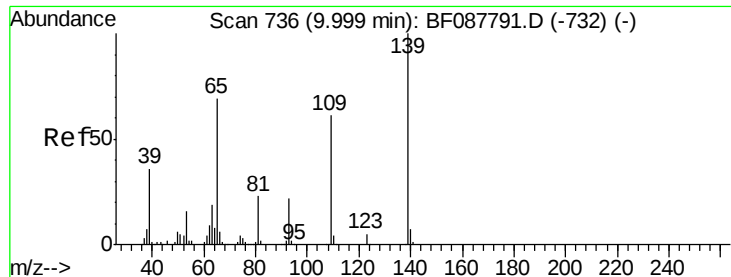
#54  
Dibenzofuran  
Concen: 33.95 ng  
RT: 9.90 min Scan# 727  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

Tgt Ion:168 Resp: 473899  
Ion Ratio Lower Upper  
168 100  
139 41.1 26.4 39.6#  
169 13.6 10.4 15.6



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

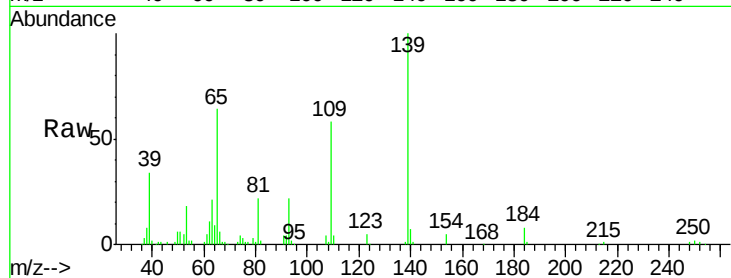




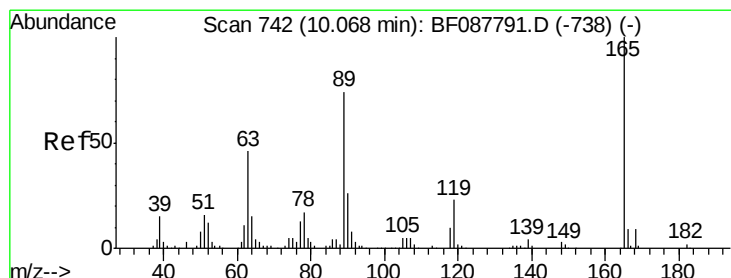
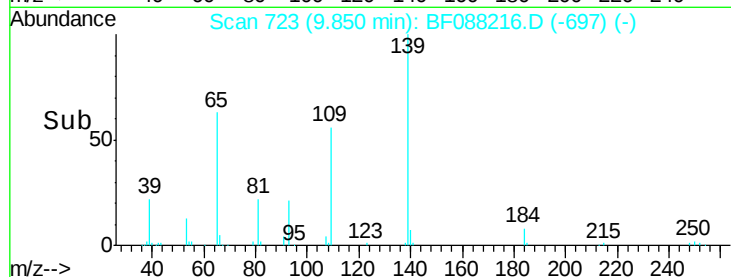
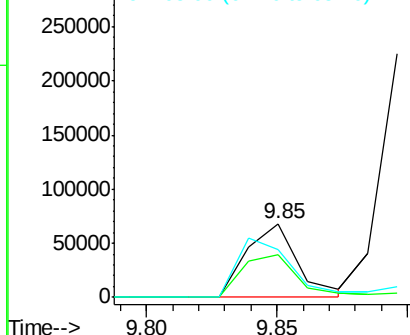
#55  
4-Nitrophenol  
Concen: 40.24 ng  
RT: 9.85 min Scan# 723  
Delta R.T. -0.00 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:139 Resp: 94374  
Ion Ratio Lower Upper  
139 100  
109 58.2 48.9 88.9  
65 64.3 84.9 124.9#

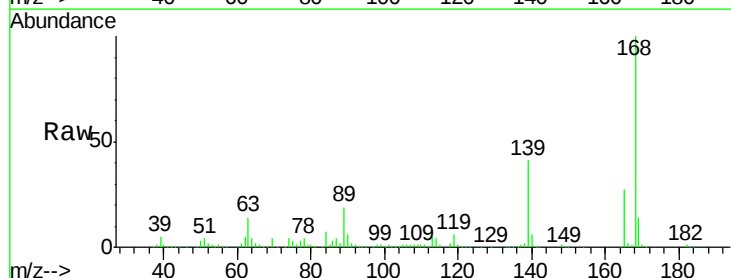


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

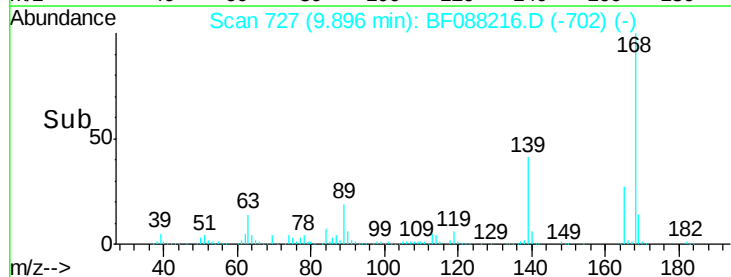
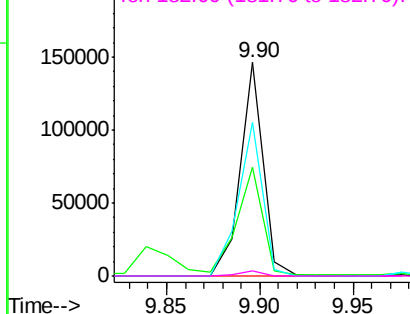


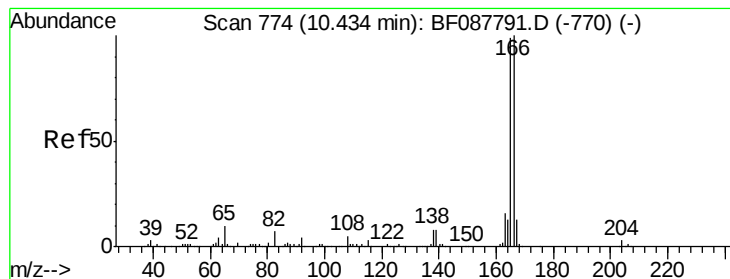
#56  
2,4-Dinitrotoluene  
Concen: 37.09 ng  
RT: 9.90 min Scan# 727  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

Tgt Ion:165 Resp: 124811  
Ion Ratio Lower Upper  
165 100  
63 50.7 22.0 33.0#  
89 71.7 41.1 61.7#  
182 2.3 2.0 3.0



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: 44.31 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

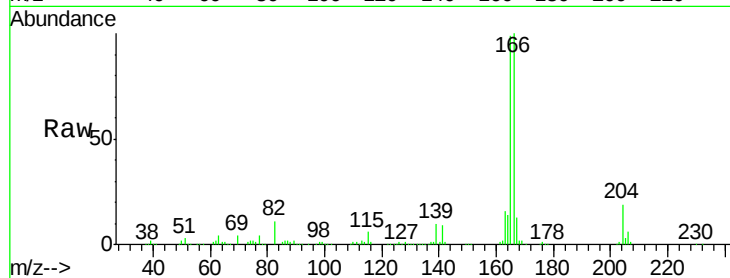
Tot Ion:166 Resp: 418603

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.8

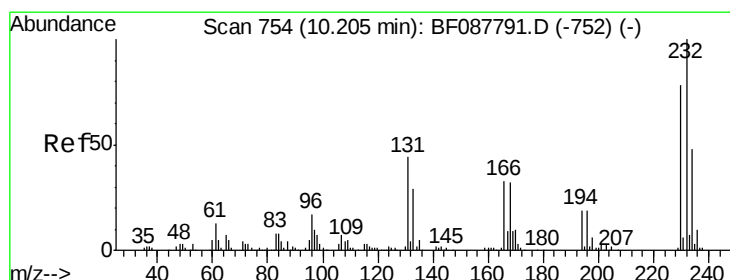
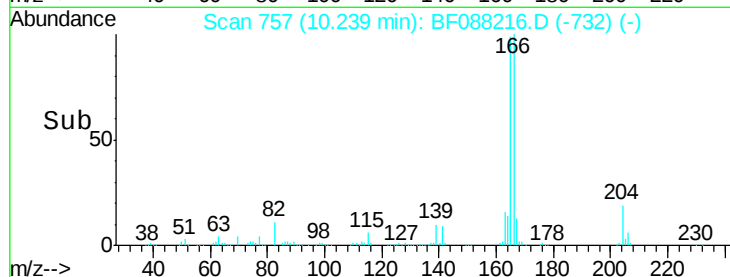
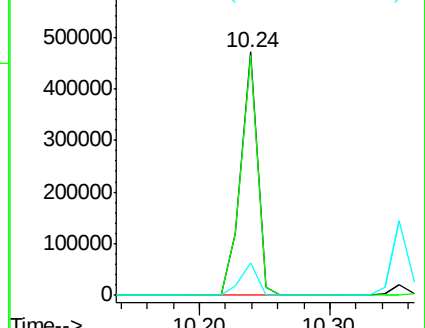
167 13.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.96 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Tgt Ion:232 Resp: 95382

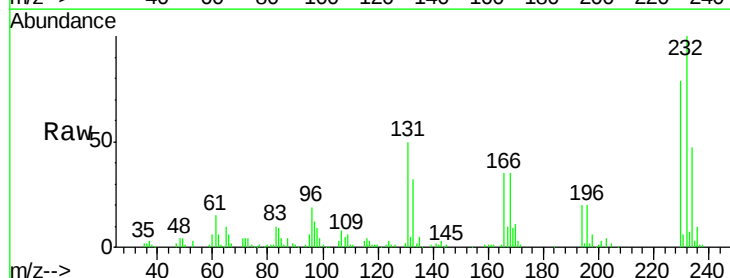
Ion Ratio Lower Upper

232 100

131 47.0 0.9 1.3#

130 2.2 1.5 2.3

166 31.8 0.5 0.7#

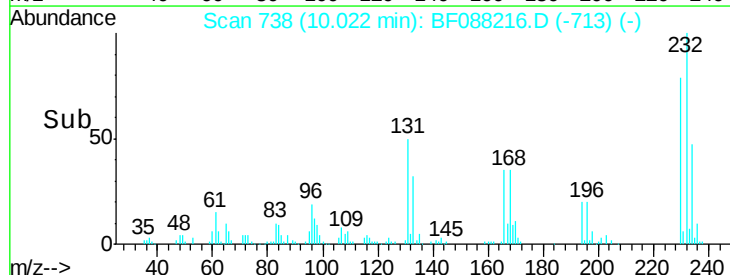
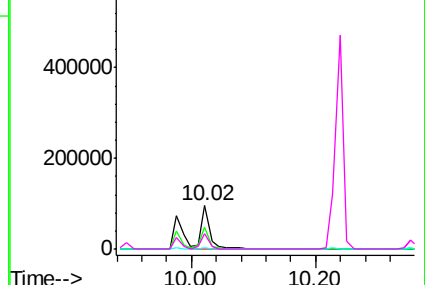


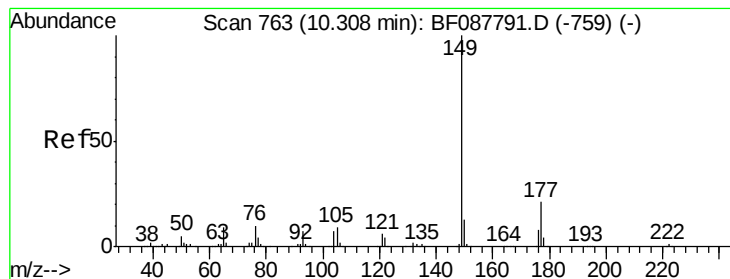
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.41 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

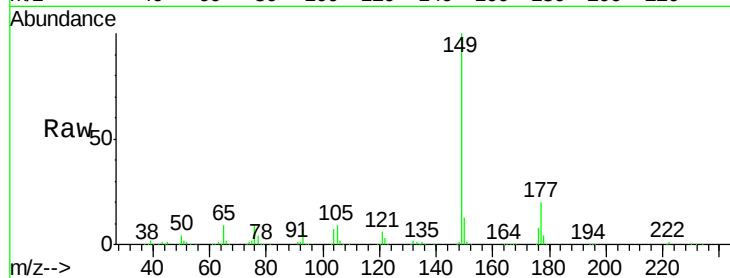
Tot Ion:149 Resp: 432908

Ion Ratio Lower Upper

149 100

177 20.4 16.9 25.3

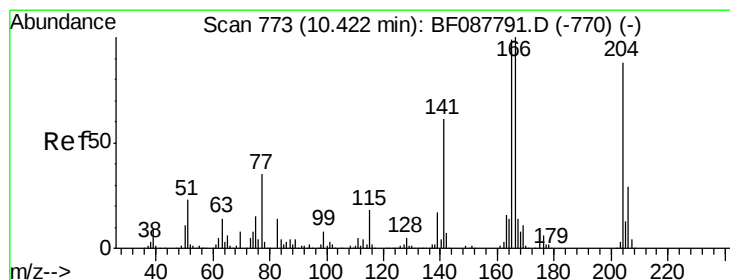
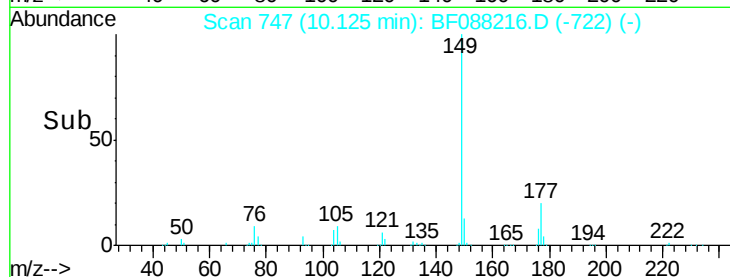
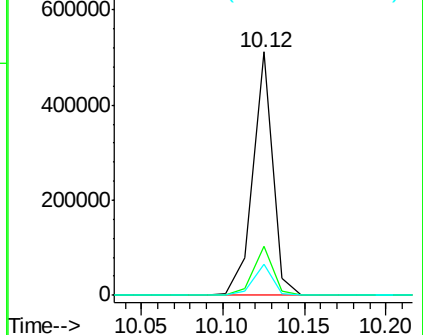
150 12.7 10.1 15.1



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: 35.33 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

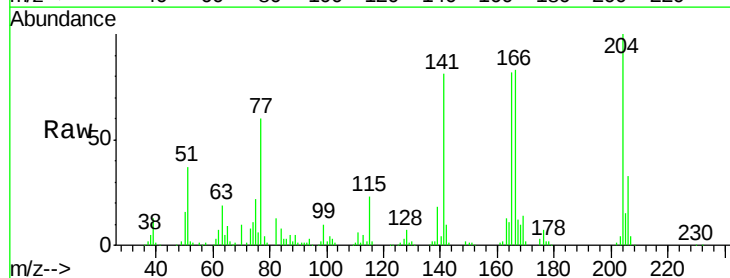
Tgt Ion:204 Resp: 164004

Ion Ratio Lower Upper

204 100

206 32.7 26.3 39.5

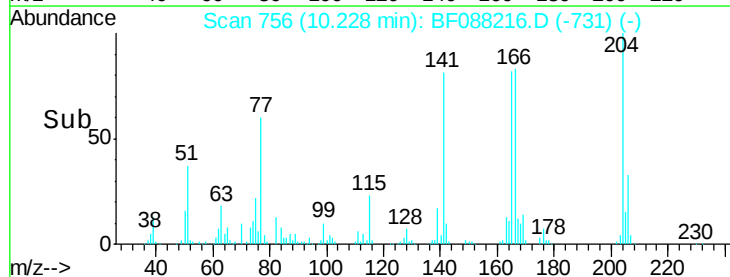
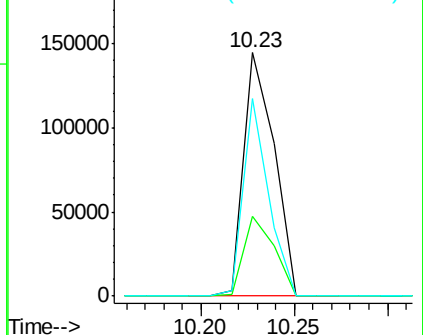
141 81.3 55.0 82.6

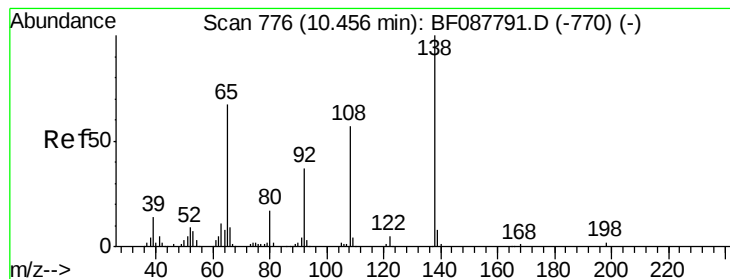


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.62 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

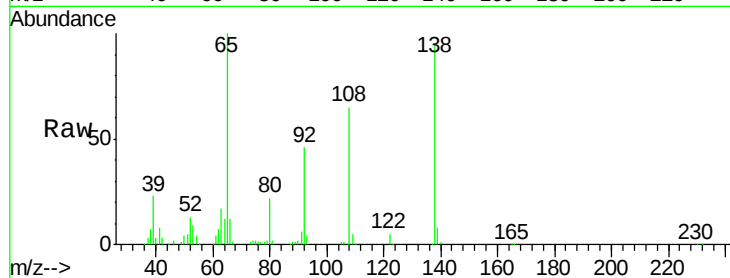
Tot Ion:138 Resp: 107810

Ion Ratio Lower Upper

138 100

92 48.8 27.3 67.3

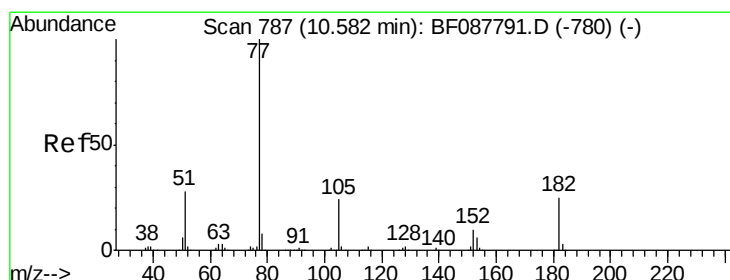
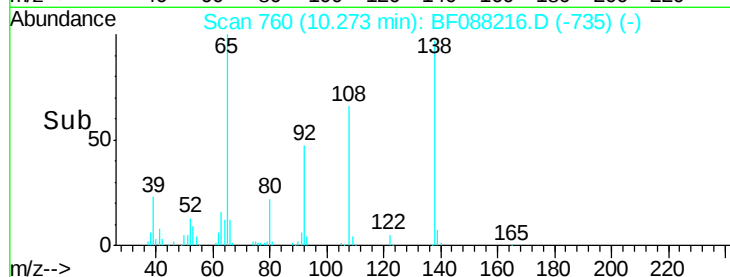
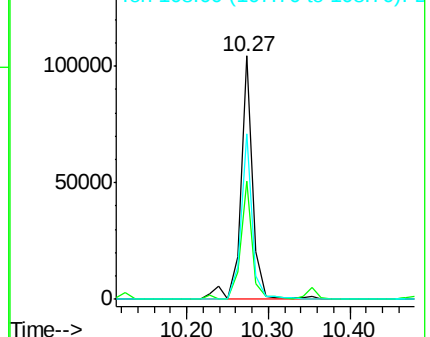
108 68.2 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.46 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Tgt Ion: 77 Resp: 417304

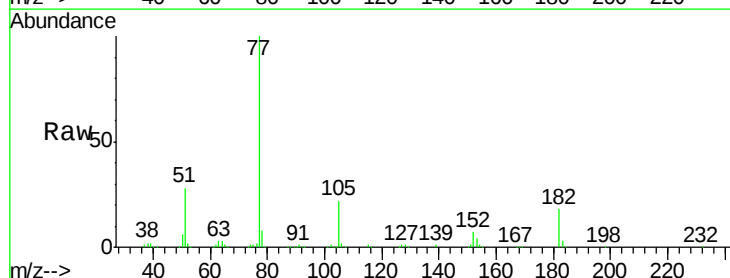
Ion Ratio Lower Upper

77 100

182 17.9 4.4 44.4

105 22.1 3.8 43.8

51 27.6 9.3 49.3

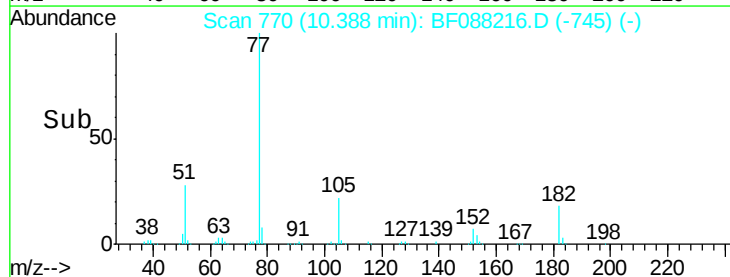
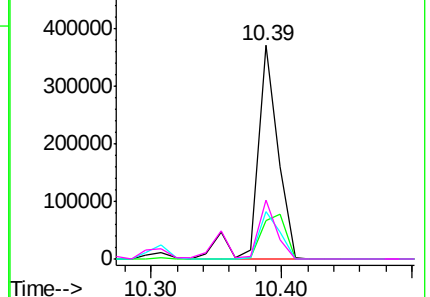


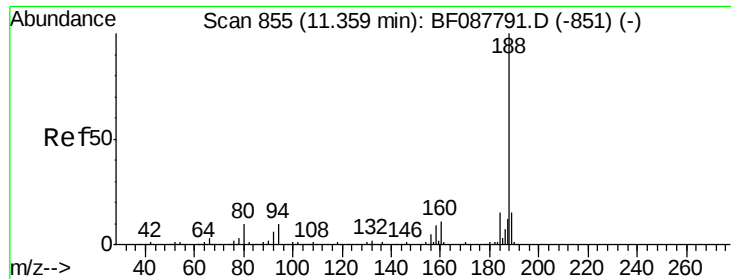
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.16 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

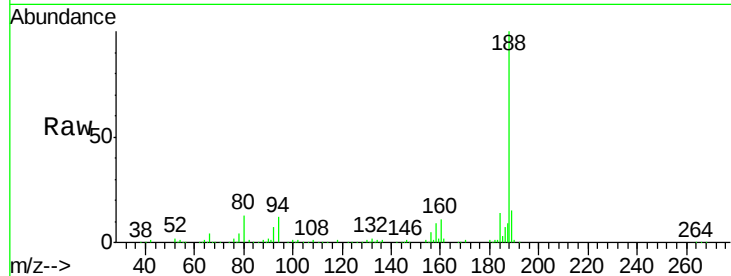
Tot Ion:188 Resp: 278860

Ion Ratio Lower Upper

188 100

94 11.9 9.0 13.6

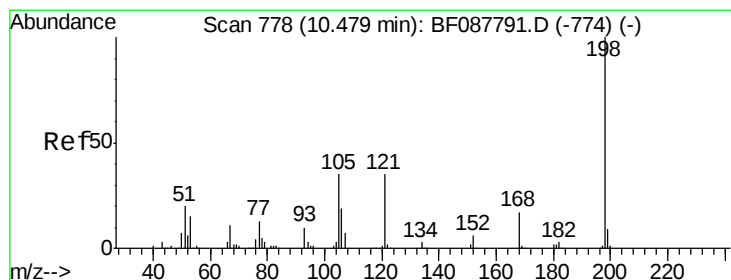
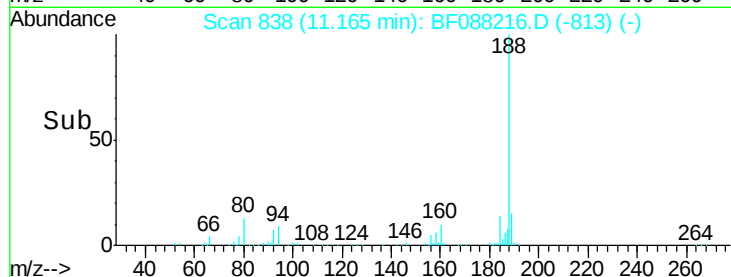
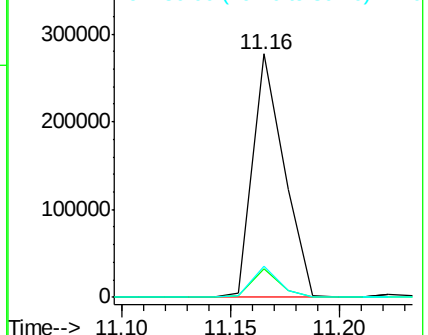
80 12.9 10.0 15.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.14 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

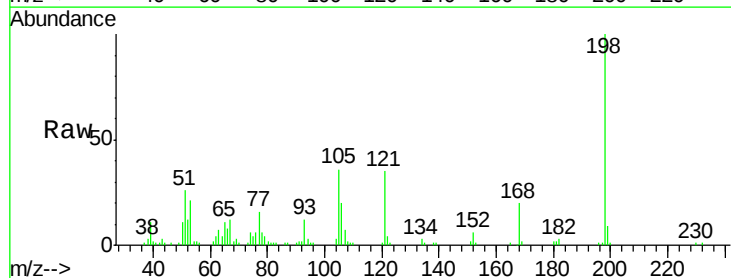
Tgt Ion:198 Resp: 63770

Ion Ratio Lower Upper

198 100

51 26.2 39.6 79.6#

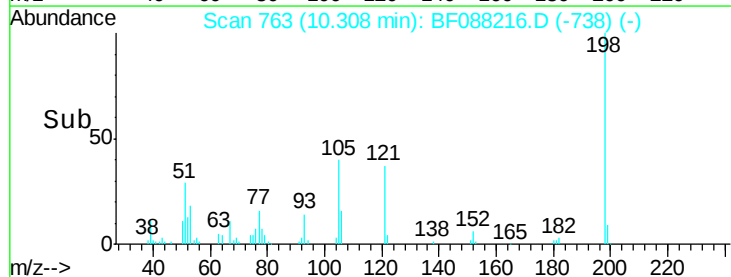
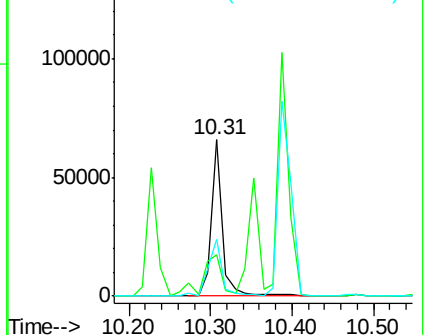
105 36.4 36.6 76.6#

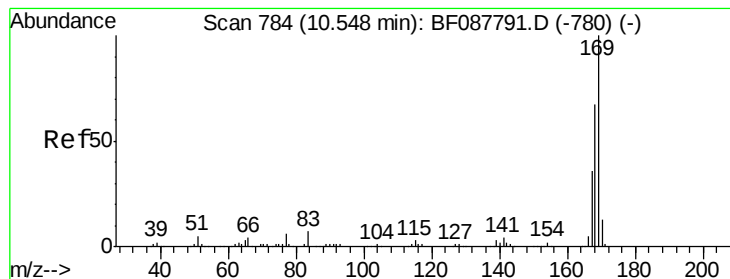


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.84 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampled :

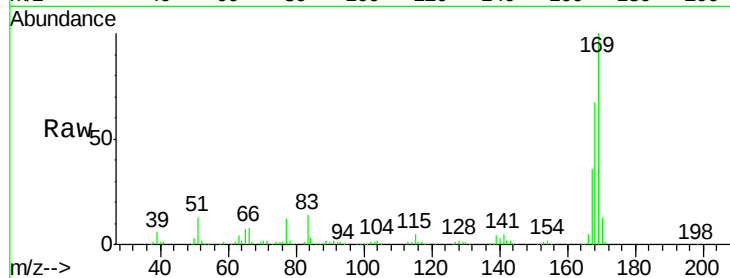
Tot Ion:169 Resp: 350182

Ion Ratio Lower Upper

169 100

168 66.9 53.4 80.0

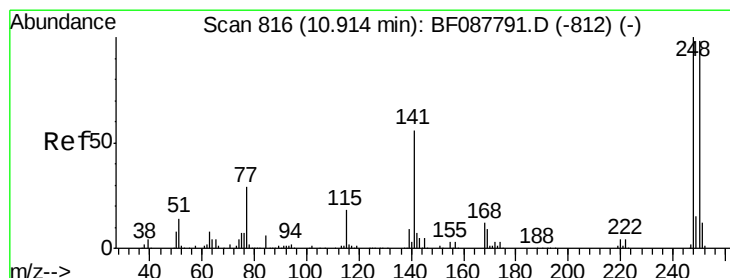
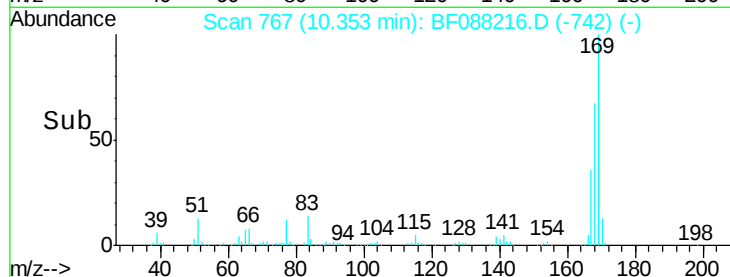
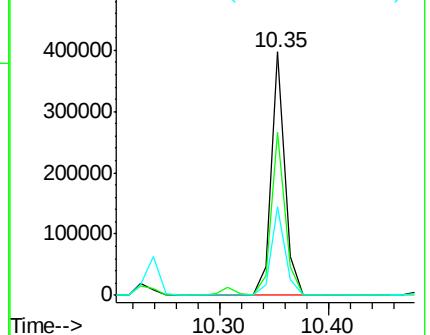
167 36.5 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.88 ng

RT: 10.72 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

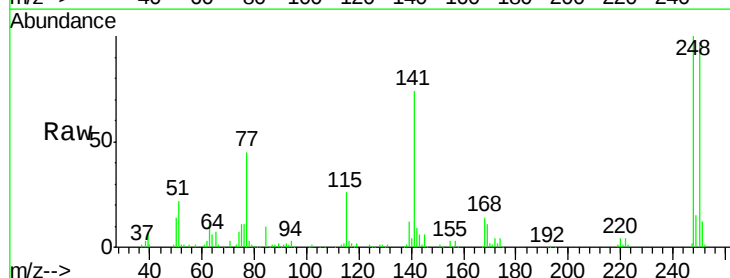
Tgt Ion:248 Resp: 119314

Ion Ratio Lower Upper

248 100

250 97.5 77.1 115.7

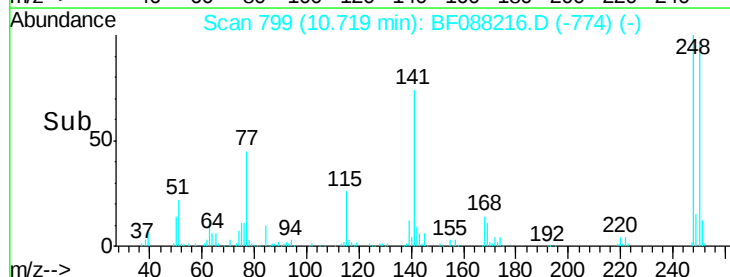
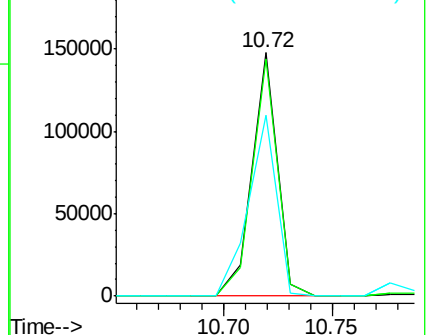
141 74.2 50.6 76.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

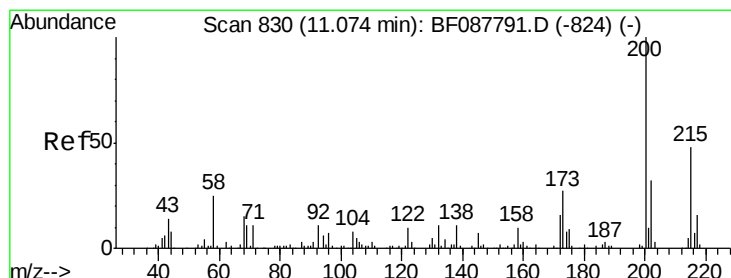
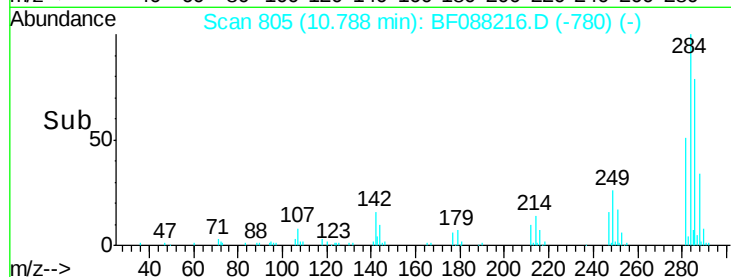
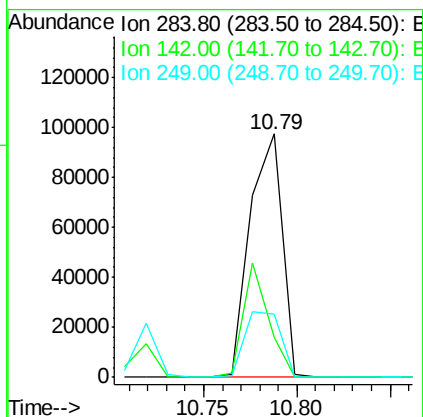
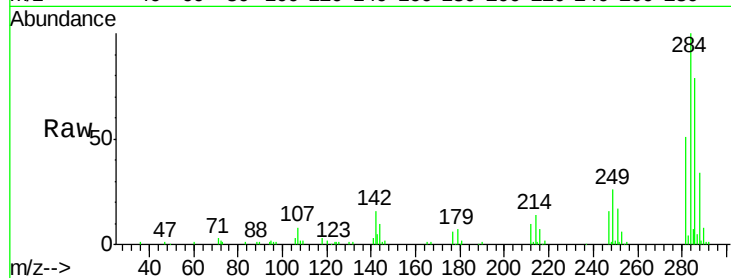




#67  
Hexachlorobenzene  
Concen: 38.12 ng  
RT: 10.79 min Scan# 805  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

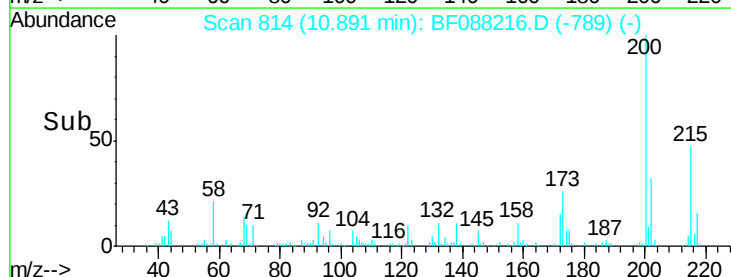
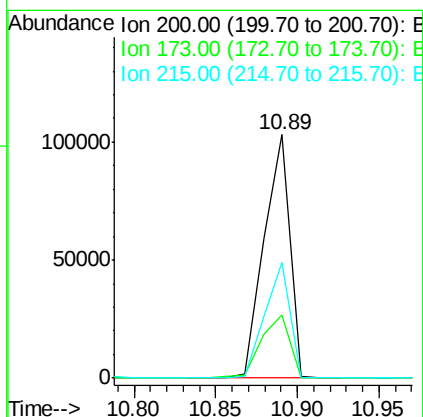
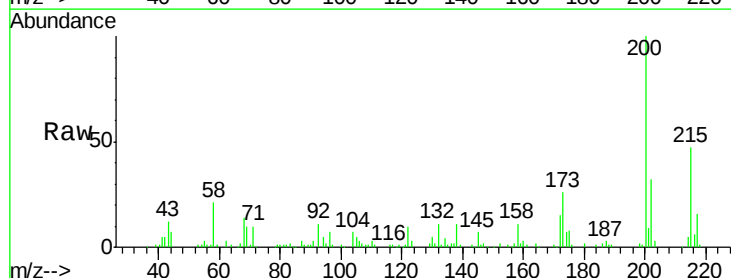
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:284 Resp: 118493  
Ion Ratio Lower Upper  
284 100  
142 16.5 35.8 53.8#  
249 25.8 25.8 38.6



#68  
Atrazine  
Concen: 40.39 ng  
RT: 10.89 min Scan# 814  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

Tgt Ion:200 Resp: 113166  
Ion Ratio Lower Upper  
200 100  
173 25.9 4.0 44.0  
215 47.4 29.3 69.3

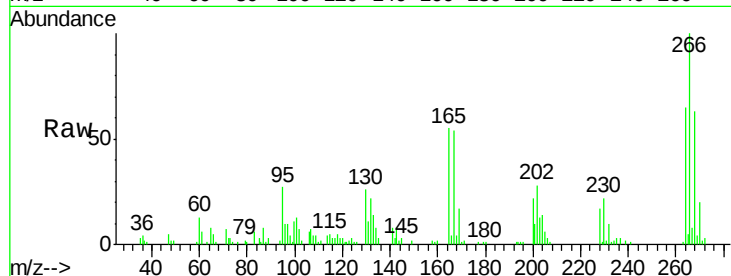




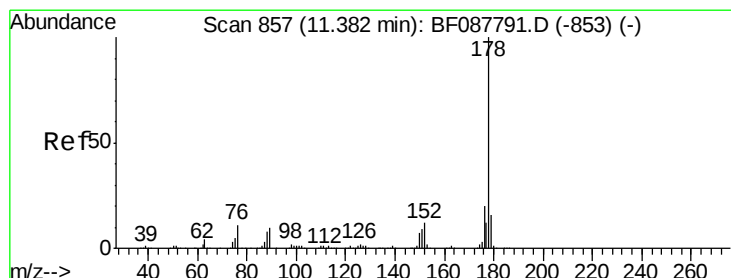
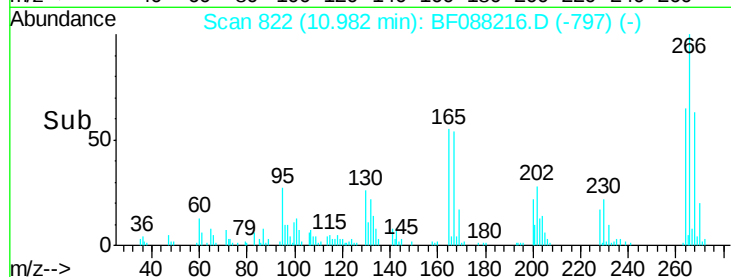
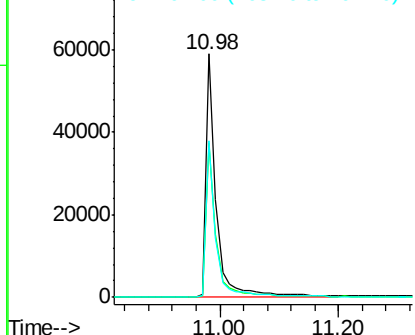
#69  
 Pentachlorophenol  
 Concen: 45.10 ng  
 RT: 10.98 min Scan# 822  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:266 Resp: 73902  
 Ion Ratio Lower Upper  
 266 100  
 268 63.4 52.8 79.2  
 264 64.5 49.6 74.4

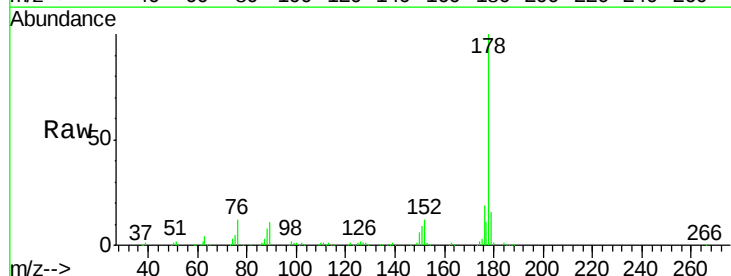


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

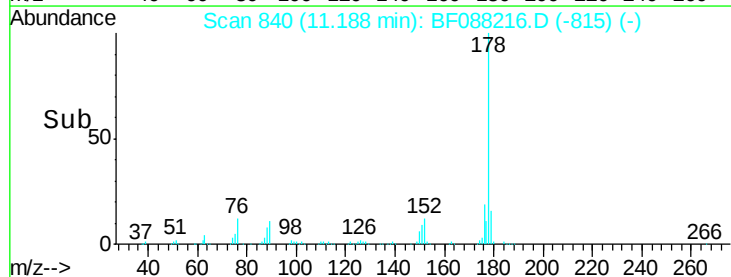
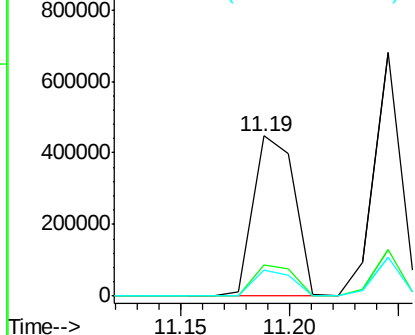


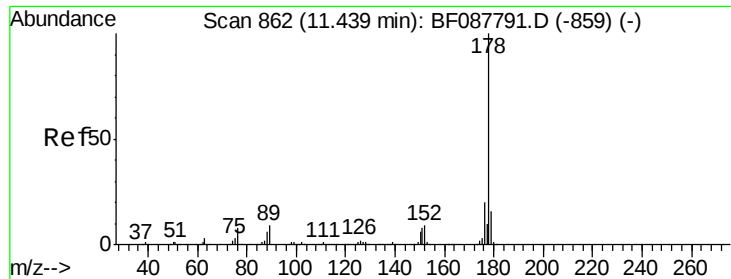
#70  
 Phenanthrene  
 Concen: 40.50 ng  
 RT: 11.19 min Scan# 840  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

Tgt Ion:178 Resp: 592669  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 15.8 23.6  
 179 16.1 13.0 19.4



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

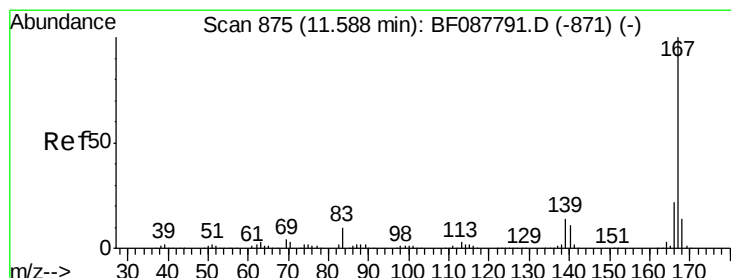
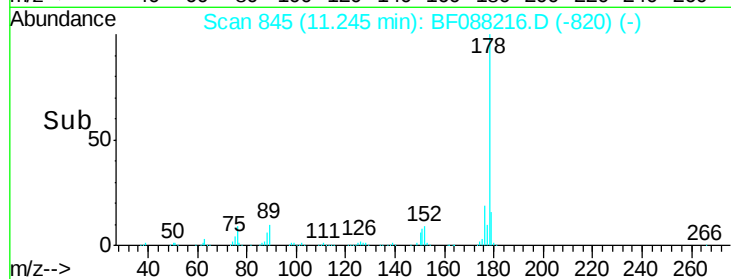
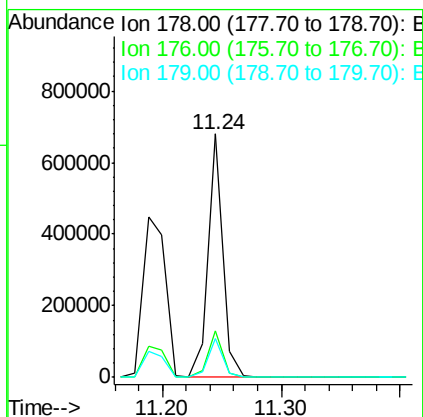
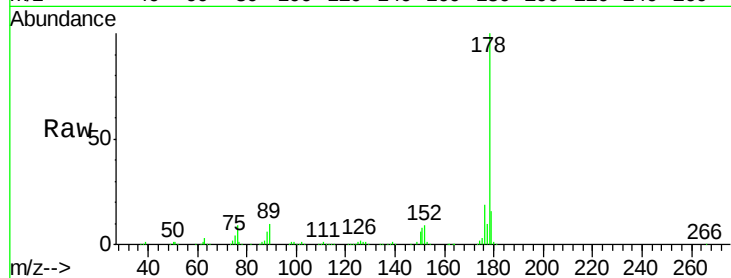




#71  
 Anthracene  
 Concen: 39.69 ng  
 RT: 11.24 min Scan# 845  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

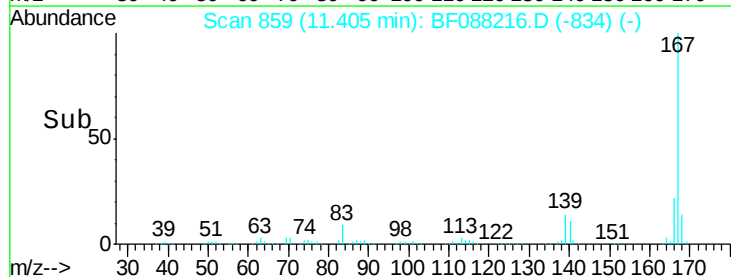
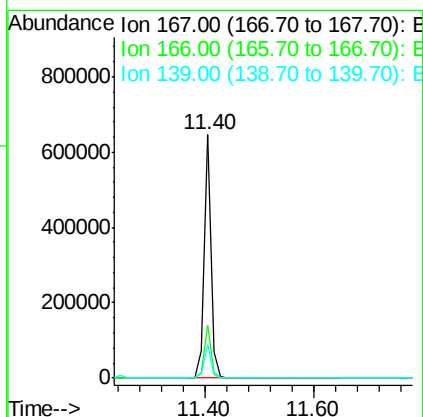
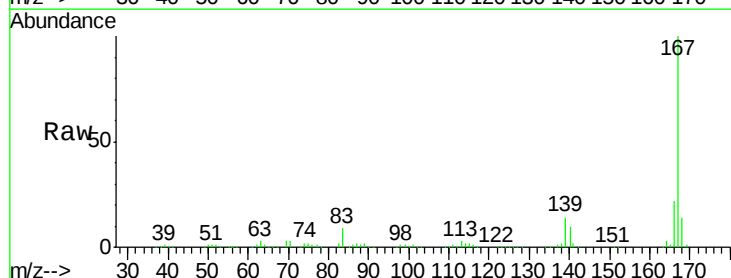
Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:178 Resp: 585892  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 15.6 23.4  
 179 15.7 12.8 19.2



#72  
 Carbazole  
 Concen: 39.98 ng  
 RT: 11.40 min Scan# 859  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

Tgt Ion:167 Resp: 552250  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.8 26.6  
 139 13.8 11.2 16.8





#73

Di-n-butylphthalate

Concen: 36.75 ng

RT: 11.74 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

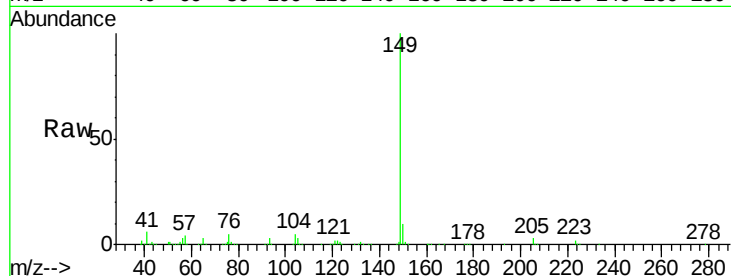
Tot Ion:149 Resp: 642533

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

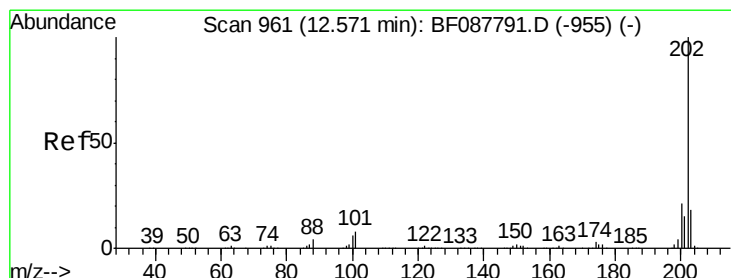
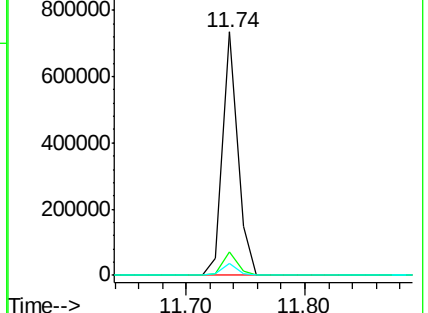
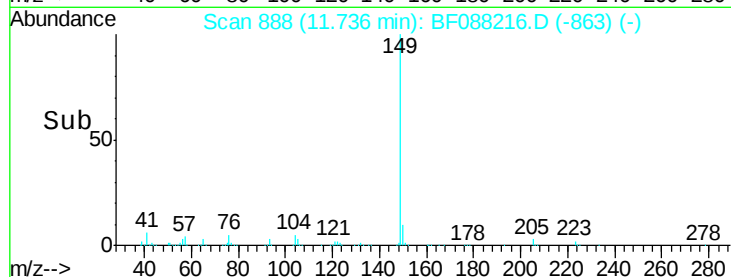
104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.16 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

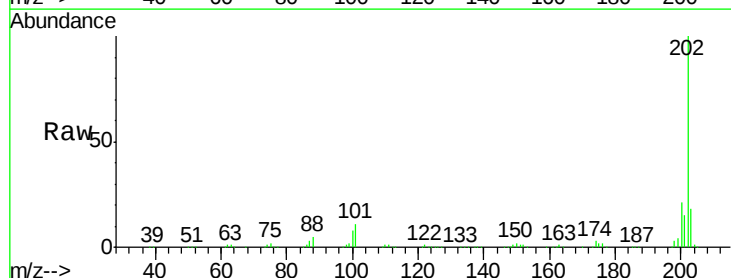
Tgt Ion:202 Resp: 604796

Ion Ratio Lower Upper

202 100

101 11.1 0.0 33.1

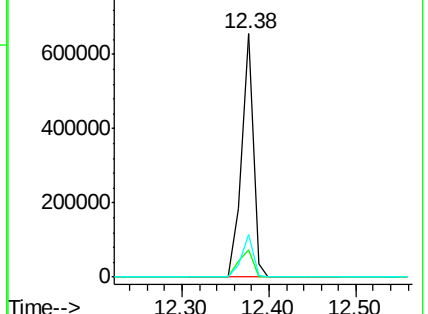
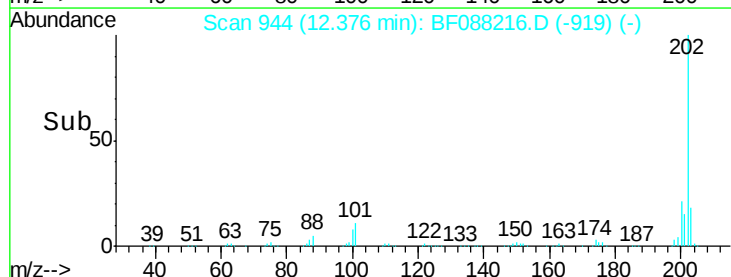
203 17.8 0.0 38.1

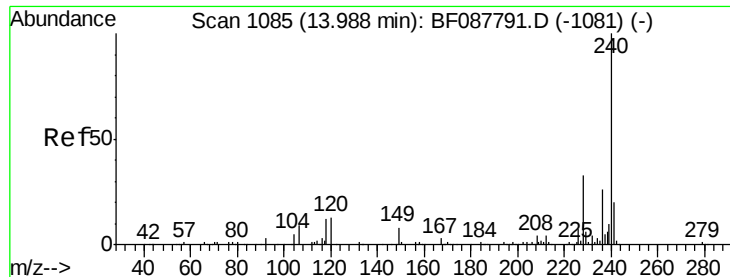


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampled :

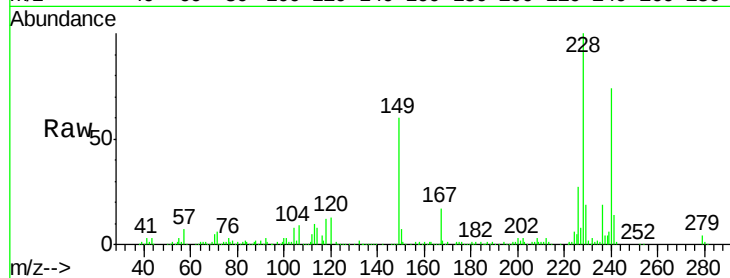
Tot Ion:240 Resp: 185574

Ion Ratio Lower Upper

240 100

120 18.0 6.8 10.2#

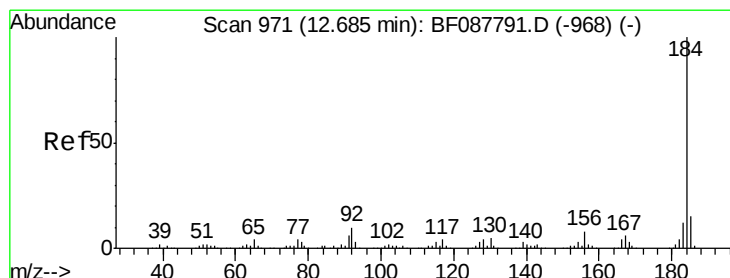
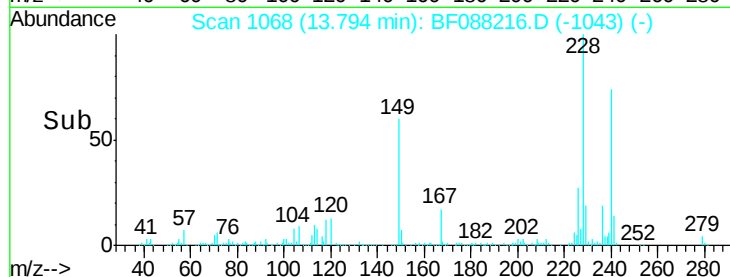
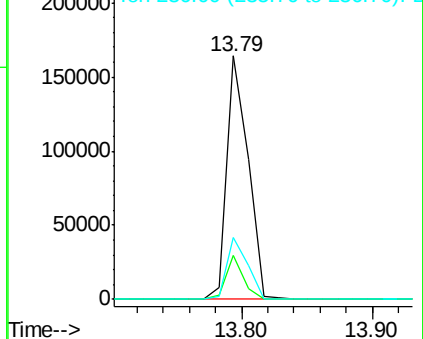
236 25.6 20.2 30.2



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: 42.90 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

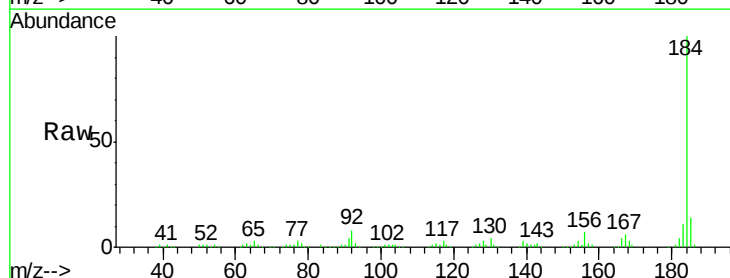
Tgt Ion:184 Resp: 220454

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

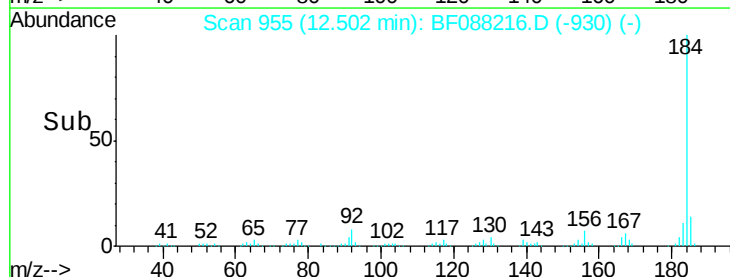
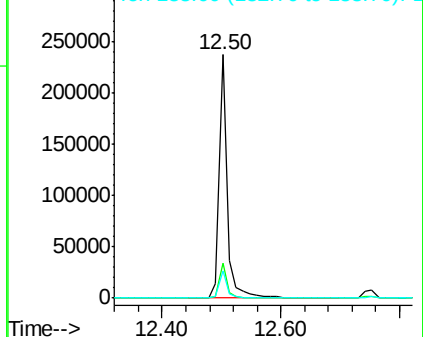
183 11.3 9.3 13.9

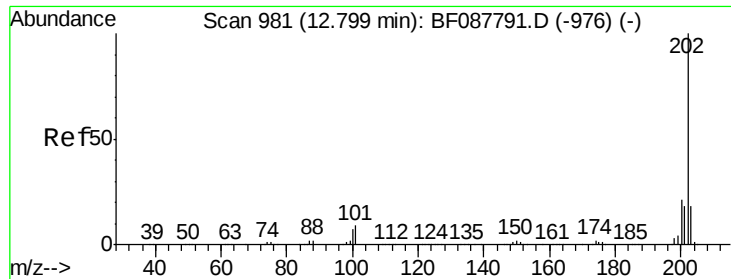


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

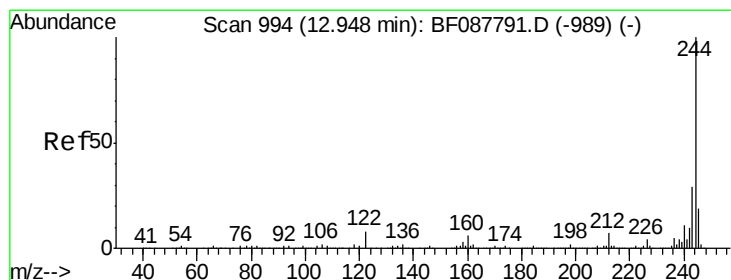
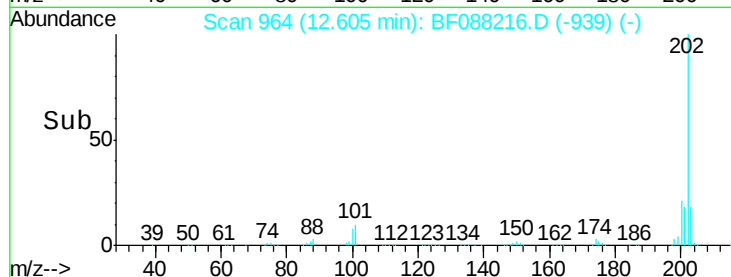
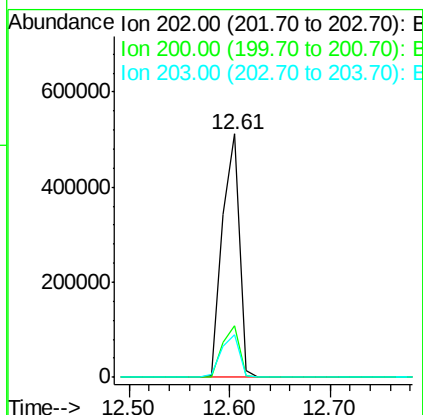
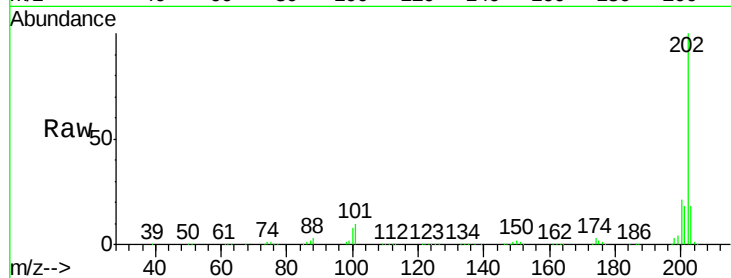




#77  
Pvrene  
Concen: 43.76 ng  
RT: 12.61 min Scan# 964  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

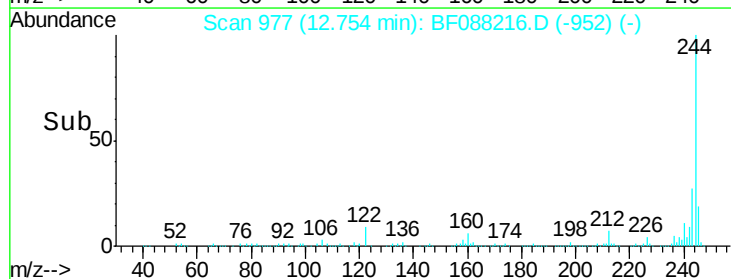
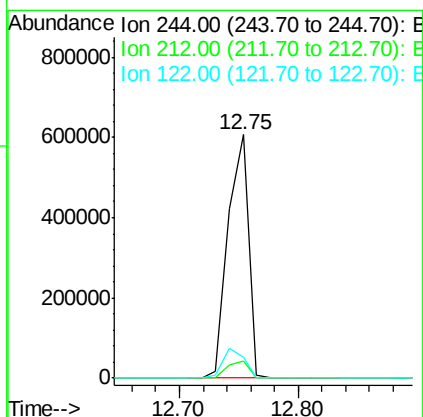
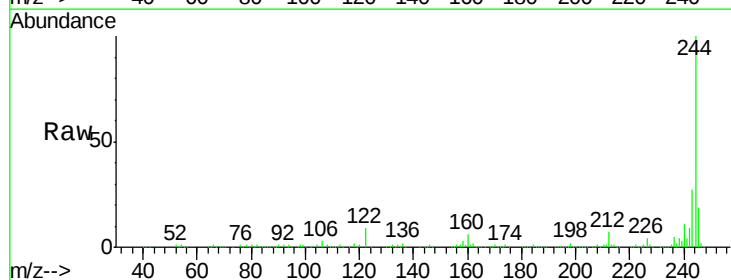
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:202 Resp: 602581  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.4 26.2  
203 17.5 14.5 21.7



#78  
Terphenyl-d14  
Concen: 88.86 ng  
RT: 12.75 min Scan# 977  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

Tgt Ion:244 Resp: 724672  
Ion Ratio Lower Upper  
244 100  
212 6.9 6.0 9.0  
122 8.5 11.2 16.8#

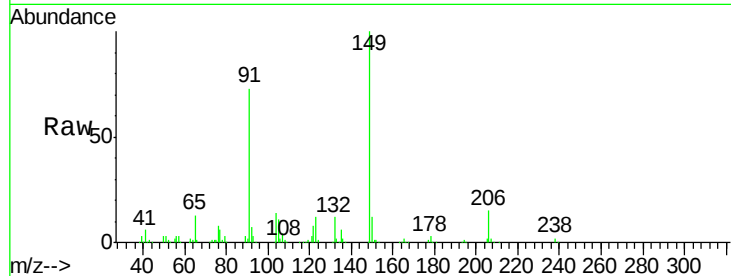




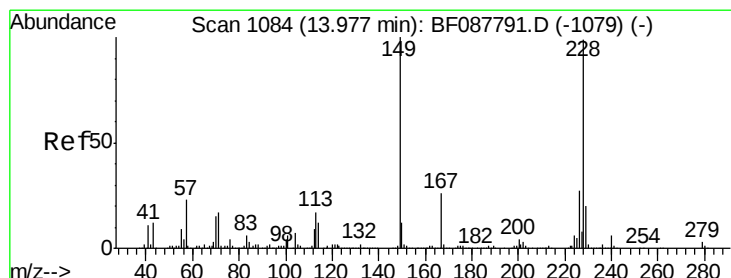
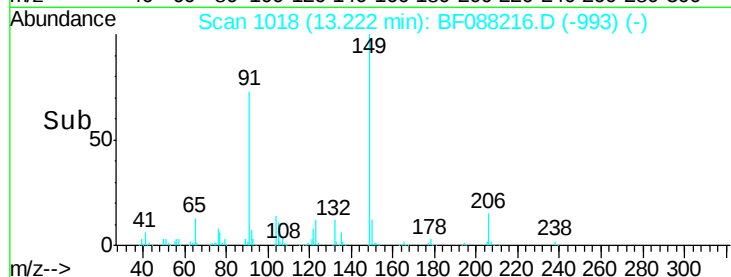
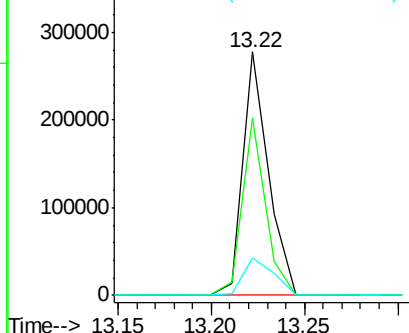
#79  
Butylbenzylphthalate  
Concen: 43.43 ng  
RT: 13.22 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 72.9  | 48.0  | 72.0# |
| 206     | 15.5  | 16.0  | 24.0# |

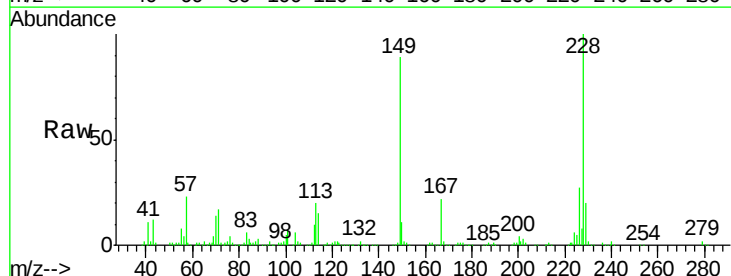


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E

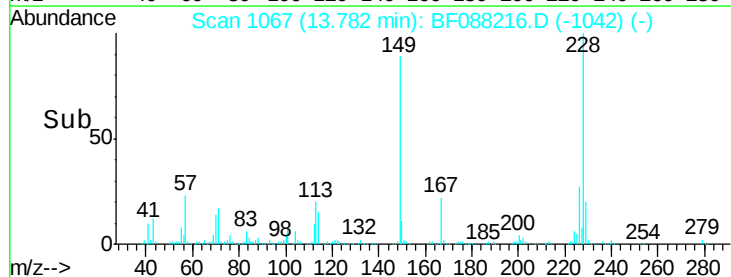
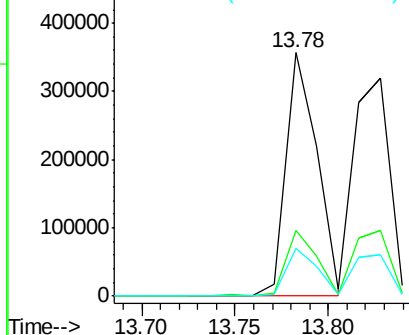


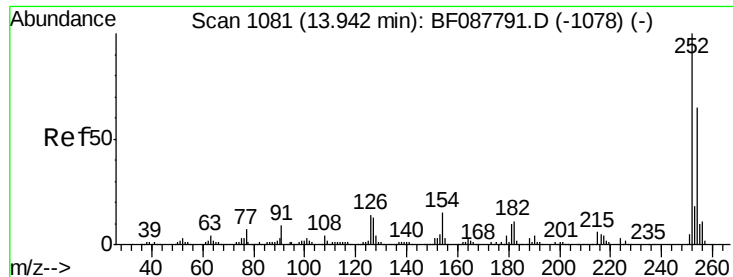
#80  
Benzo(a)anthracene  
Concen: 39.25 ng  
RT: 13.78 min Scan# 1067  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.0  | 22.3  | 33.5  |
| 229     | 19.6  | 16.0  | 24.0  |



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

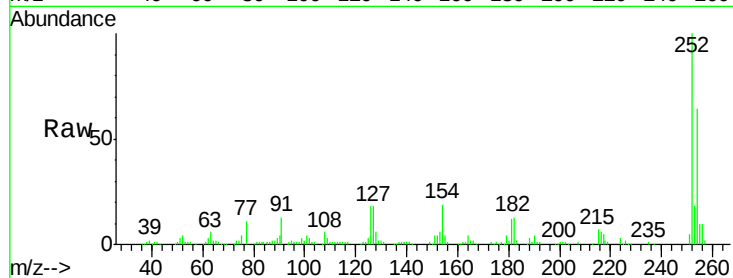




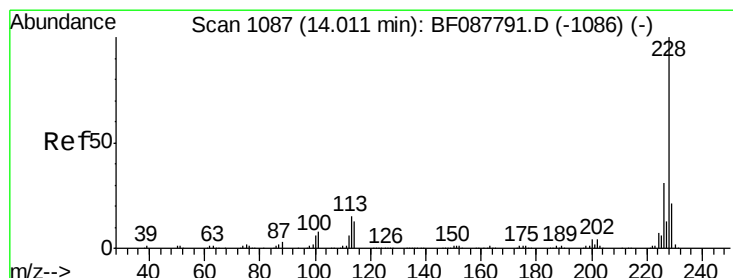
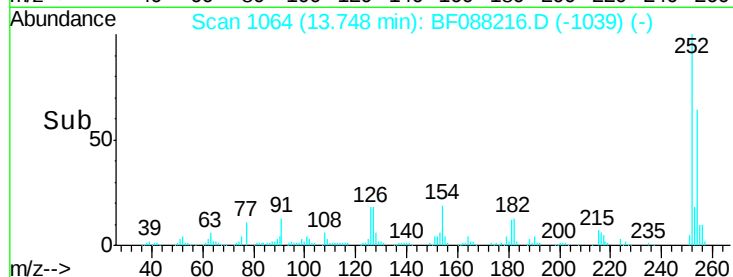
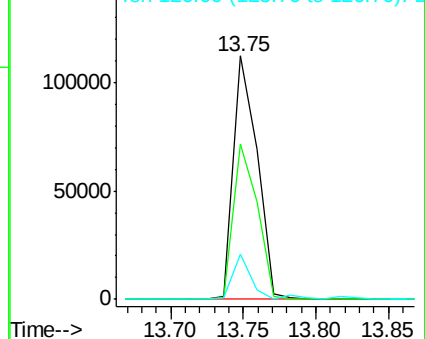
#81  
 3,3'-Dichlorobenzidine  
 Concen: 44.95 ng  
 RT: 13.75 min Scan# 1064  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

Instrument :  
 BNA\_F  
 ClientSampleID :

Tot Ion:252 Resp: 127838  
 Ion Ratio Lower Upper  
 252 100  
 254 63.8 52.6 78.8  
 126 18.4 6.2 9.2#

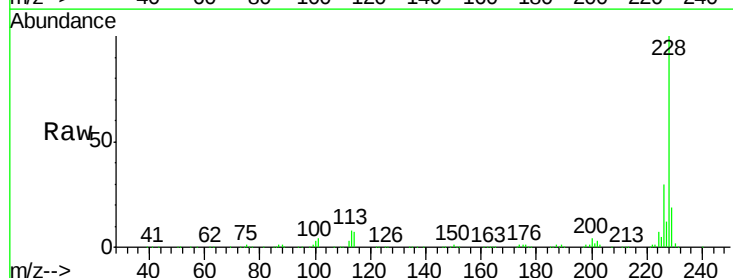


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

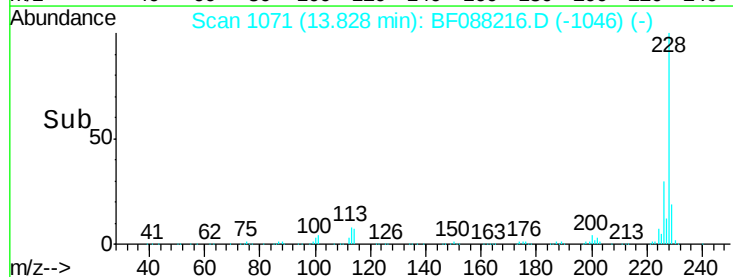
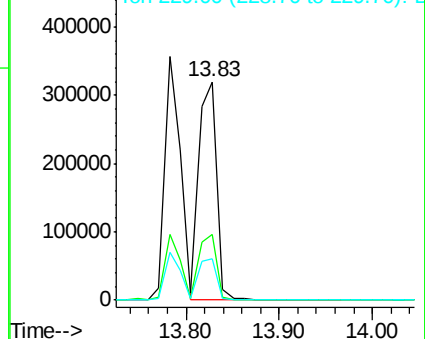


#82  
 Chrysene  
 Concen: 43.24 ng  
 RT: 13.83 min Scan# 1071  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

Tgt Ion:228 Resp: 430242  
 Ion Ratio Lower Upper  
 228 100  
 226 30.3 25.4 38.2  
 229 19.0 16.3 24.5



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

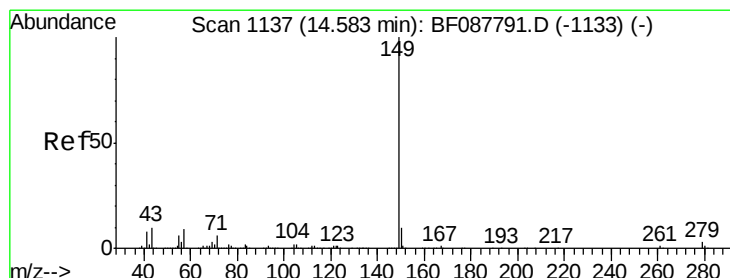
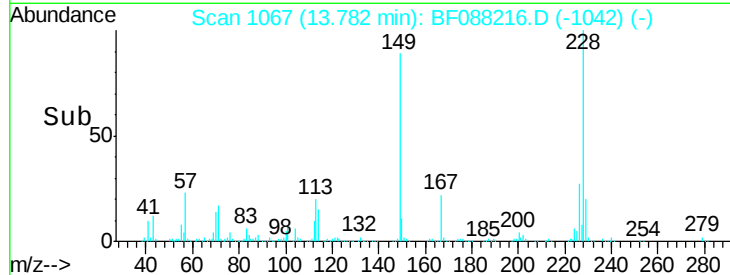
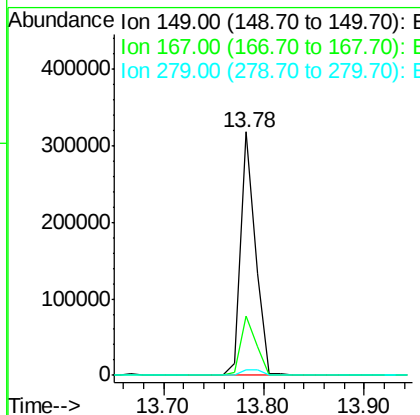
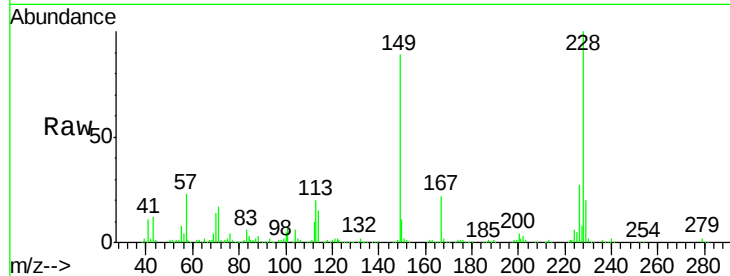




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.88 ng  
 RT: 13.78 min Scan# 1067  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

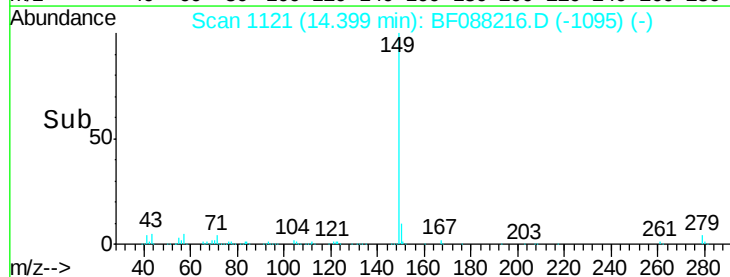
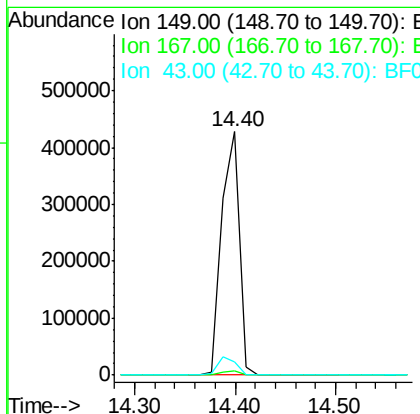
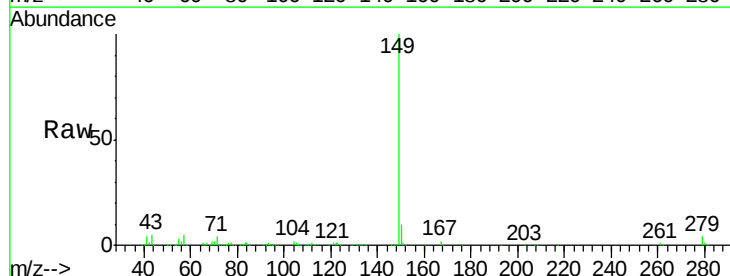
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:149 Resp: 325236  
 Ion Ratio Lower Upper  
 149 100  
 167 24.2 20.5 30.7  
 279 2.1 2.0 3.0



#84  
 Di-n-octyl phthalate  
 Concen: 43.36 ng  
 RT: 14.40 min Scan# 1121  
 Delta R.T. -0.00 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

Tgt Ion:149 Resp: 522123  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 0.0 0.0#  
 43 7.5 0.0 0.0#

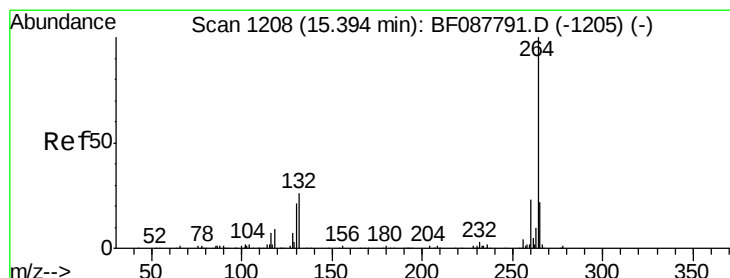
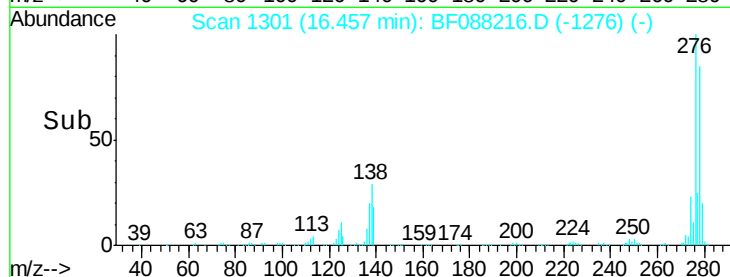
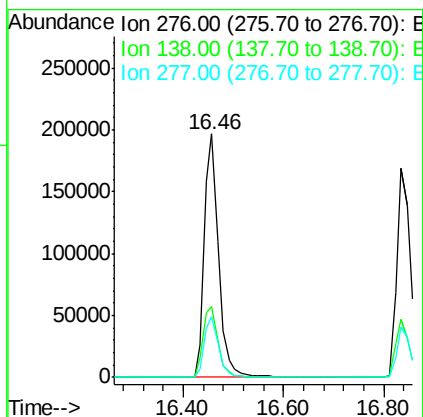
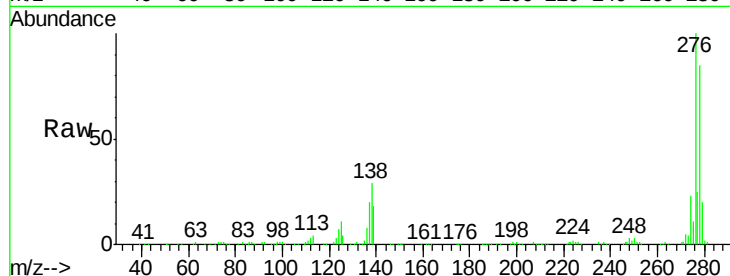




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 42.08 ng  
 RT: 16.46 min Scan# 1301  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

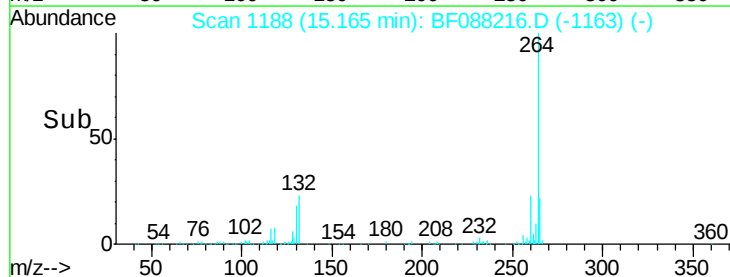
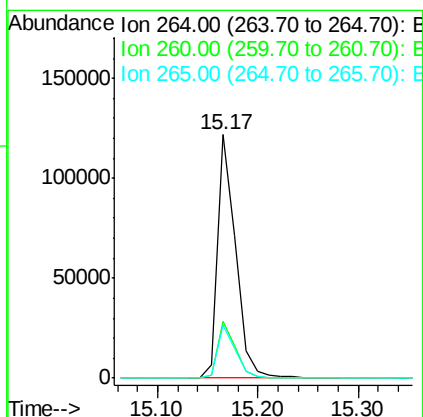
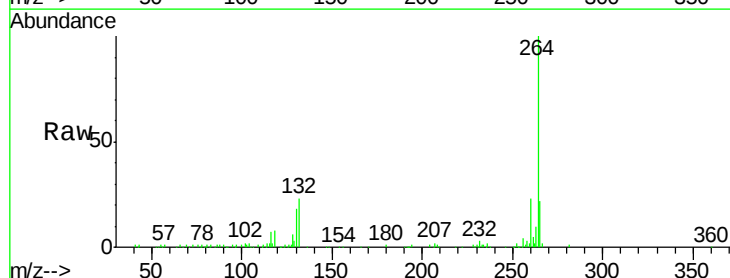
Instrument :  
 BNA\_F  
 ClientSampleId :

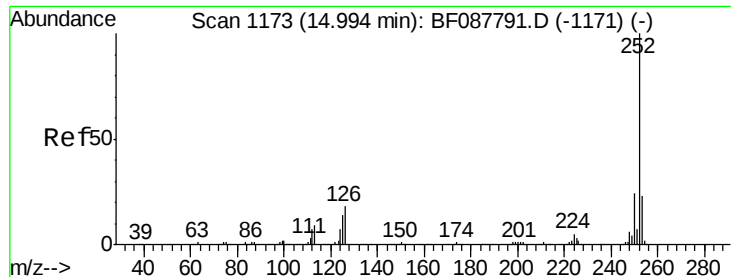
Tot Ion:276 Resp: 389003  
 Ion Ratio Lower Upper  
 276 100  
 138 31.0 0.0 0.0#  
 277 24.9 0.0 0.0#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.17 min Scan# 1188  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

Tgt Ion:264 Resp: 150792  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.2 28.8  
 265 21.9 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 67.84 ng

RT: 14.82 min Scan# 1158

Delta R.T. 0.02 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

Instrument :

BNA\_F

ClientSampleId :

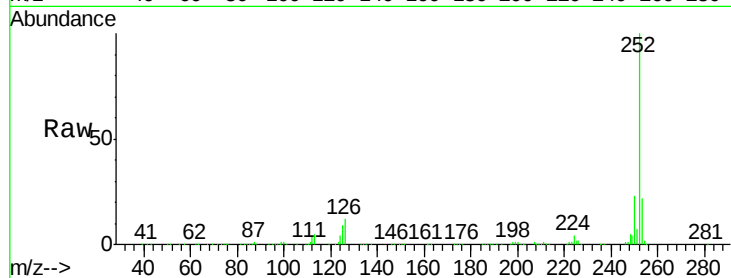
Tot Ion:252 Resp: 713032

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

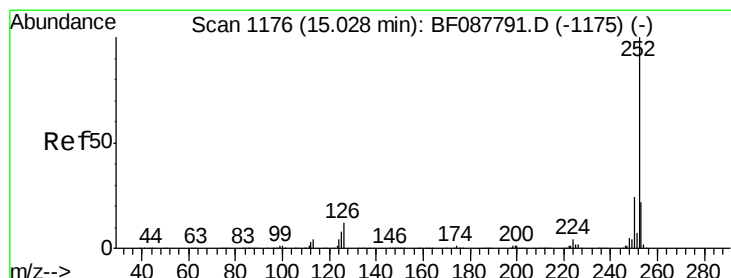
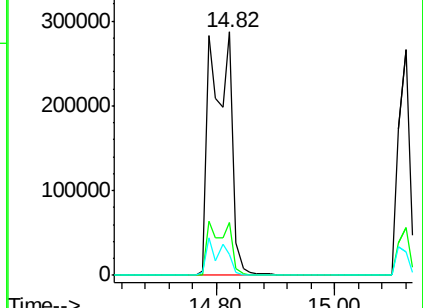
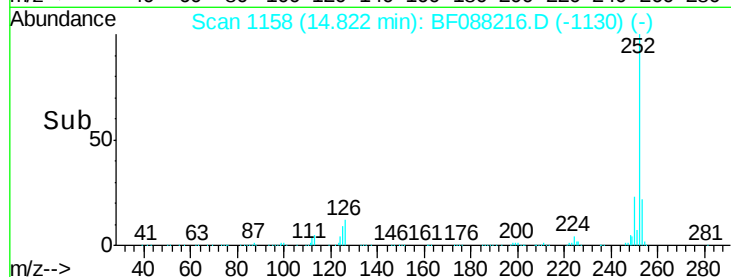
125 8.8 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 89.94 ng

RT: 14.82 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF088216.D

Acq: 21 Jun 2016 16:51

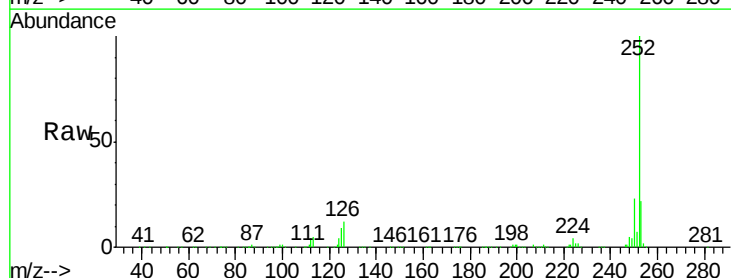
Tgt Ion:252 Resp: 713032

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

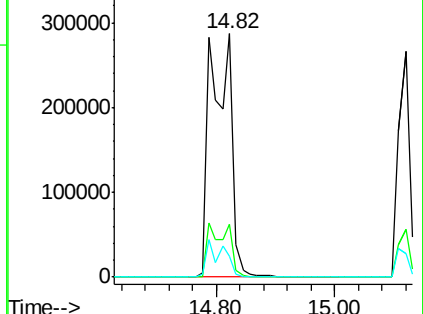
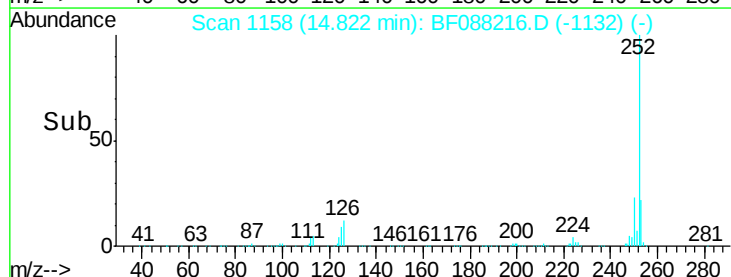
125 8.8 11.2 16.8#

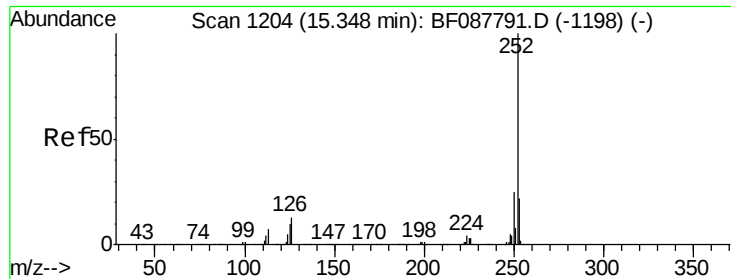


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

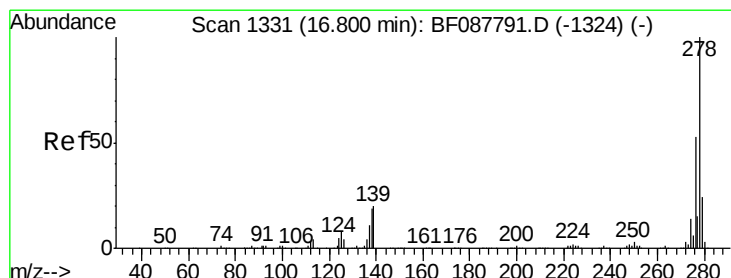
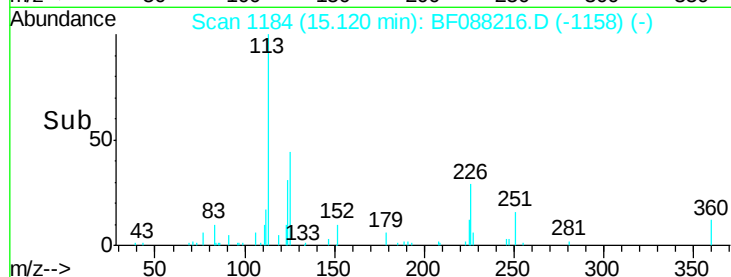
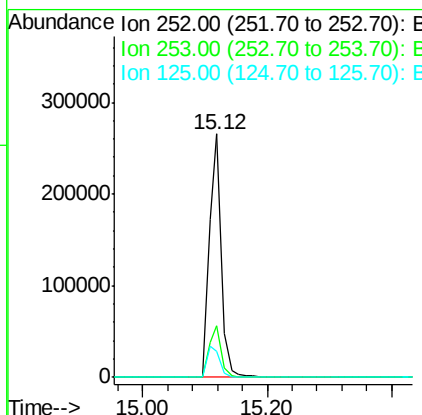
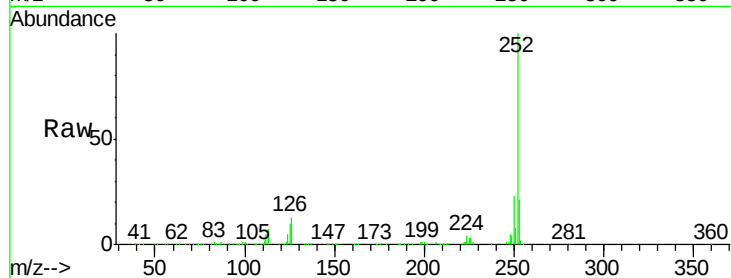




#89  
Benzo(a)pyrene  
Concen: 40.94 ng  
RT: 15.12 min Scan# 1184  
Delta R.T. -0.00 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

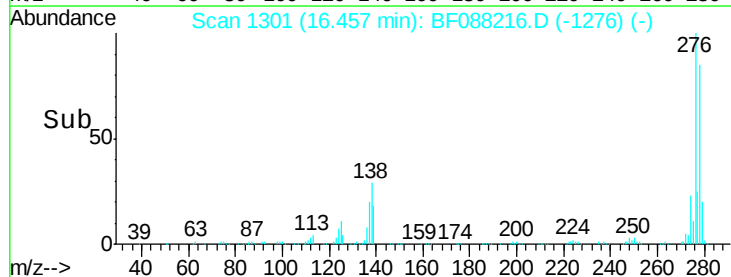
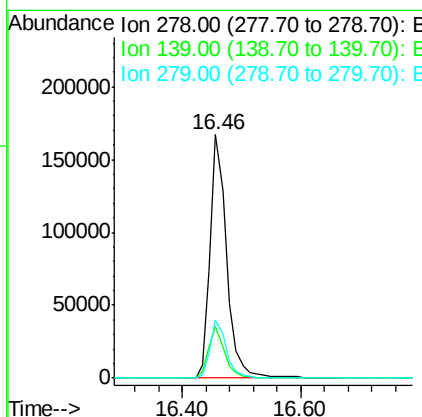
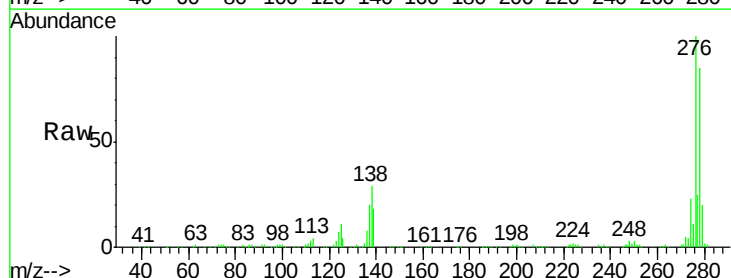
Instrument :  
BNA\_F  
ClientSampleId :

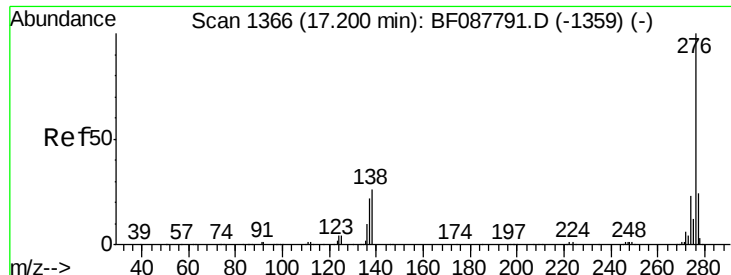
Tot Ion:252 Resp: 348122  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.9 26.9  
125 10.5 12.5 18.7#



#90  
Dibenzo(a,h)anthracene  
Concen: 41.04 ng  
RT: 16.46 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: BF088216.D  
Acq: 21 Jun 2016 16:51

Tgt Ion:278 Resp: 324103  
Ion Ratio Lower Upper  
278 100  
139 21.3 15.7 23.5  
279 23.7 19.4 29.2

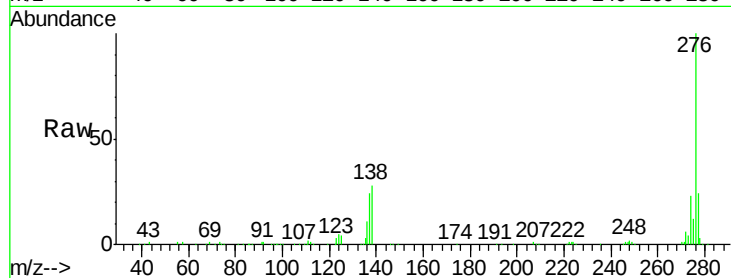




#91  
 Benzo(a,h,i)perylene  
 Concen: 42.73 ng  
 RT: 16.83 min Scan# 1334  
 Delta R.T. -0.01 min  
 Lab File: BF088216.D  
 Acq: 21 Jun 2016 16:51

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.1  | 18.9  | 28.3  |
| 138     | 27.7  | 21.4  | 32.2  |



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

