

Data Path : Z:\HPCHEM1\BNA F\Data\bf060516\  
 Data File : BF087742.D  
 Acq On : 6 Jun 2016 8:19  
 Operator : UM/SJ  
 Sample : H3356-01MSD  
 Misc :  
 ALS Vial : 78 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jun 06 12:44:49 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 04 11:07:28 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.87  | 152  | 133901   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.15  | 136  | 498182   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.91  | 164  | 226829   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.38 | 188  | 326392   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.02 | 240  | 263658   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.45 | 264  | 219260   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.47  | 112 | 760800  | 91.84 | ng | 0.02 |
| 7) Phenol-d6             | 6.50  | 99  | 930899  | 89.60 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.43  | 82  | 571705  | 66.40 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.70 | 330 | 217717  | 95.62 | ng | 0.01 |
| 44) 2-Fluorobiphenyl     | 9.23  | 172 | 1011917 | 63.24 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.97 | 244 | 754960  | 69.87 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.55 | 88  | 99633  | 24.88 | ng | # 30   |
| 3) Pyridine                    | 3.28 | 79  | 250330 | 23.66 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.21 | 42  | 136761 | 30.60 | ng | 97     |
| 6) Aniline                     | 6.52 | 93  | 203300 | 13.80 | ng | 96     |
| 8) 2-Chlorophenol              | 6.65 | 128 | 319121 | 33.48 | ng | 90     |
| 9) Benzaldehyde                | 6.40 | 77  | 22623  | 3.22  | ng | # 81   |
| 10) Phenol                     | 6.51 | 94  | 371601 | 31.41 | ng | 87     |
| 11) bis(2-Chloroethyl)ether    | 6.60 | 93  | 305048 | 35.49 | ng | 87     |
| 12) 1,3-Dichlorobenzene        | 6.80 | 146 | 296031 | 29.00 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.88 | 146 | 307304 | 30.01 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.04 | 146 | 298881 | 31.13 | ng | 99     |
| 15) Benzyl Alcohol             | 7.00 | 79  | 219075 | 28.54 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45  | 390412 | 31.14 | ng | 97     |
| 17) 2-Methylphenol             | 7.12 | 107 | 240807 | 31.46 | ng | 99     |
| 18) Hexachloroethane           | 7.38 | 117 | 98571  | 27.52 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70  | 196182 | 30.23 | ng | # 81   |
| 20) 3+4-Methylphenols          | 7.28 | 107 | 300852 | 32.08 | ng | # 83   |
| 22) Acetophenone               | 7.28 | 105 | 393592 | 34.88 | ng | # 91   |
| 24) Nitrobenzene               | 7.45 | 77  | 335893 | 38.98 | ng | 95     |
| 25) Isophorone                 | 7.69 | 82  | 518305 | 33.06 | ng | 99     |
| 26) 2-Nitrophenol              | 7.76 | 139 | 85899  | 21.45 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 253671 | 30.57 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.91 | 93  | 339090 | 34.10 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.01 | 162 | 246665 | 36.19 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 8.09 | 180 | 251295 | 35.21 | ng | 99     |
| 31) Naphthalene                | 8.17 | 128 | 816085 | 33.69 | ng | 100    |
| 32) Benzoic acid               | 7.80 | 122 | 253671 | 50.67 | ng | # 15   |
| 33) 4-Chloroaniline            | 8.22 | 127 | 111475 | 10.59 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.30 | 225 | 136495 | 36.78 | ng | 99     |
| 35) Caprolactam                | 8.59 | 113 | 79546  | 35.53 | ng | # 73   |
| 36) 4-Chloro-3-methylphenol    | 8.71 | 107 | 232420 | 32.97 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.87 | 142 | 547627 | 34.24 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 217528 | 34.80 | ng | # 1    |
| 40) Hexachlorocyclopentadiene  | 9.02 | 237 | 56550  | 15.38 | ng | 99     |

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 Misc :  
 ALS Vial : 78 Sample Multiplier: 1

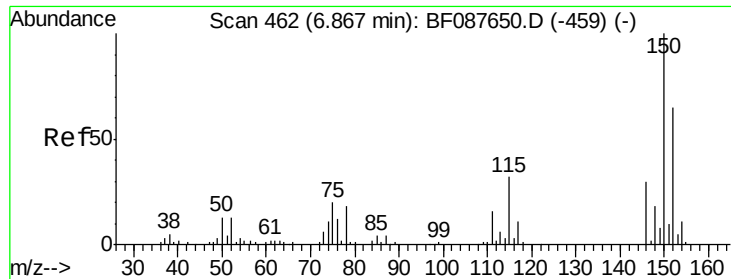
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jun 06 12:44:49 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 04 11:07:28 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.14  | 196  | 148759   | 31.51 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.19  | 196  | 144476   | 32.88 | nq    | 98       |
| 45) 1,1'-Biphenyl              | 9.32  | 154  | 549669   | 29.86 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.35  | 162  | 451572   | 30.82 | nq    | 100      |
| 47) 2-Nitroaniline             | 9.45  | 65   | 172884   | 41.90 | nq    | # 71     |
| 48) Acenaphthylene             | 9.77  | 152  | 744967   | 32.60 | nq    | 99       |
| 49) Dimethylphthalate          | 9.63  | 163  | 860092   | 52.16 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.69  | 165  | 118629   | 31.62 | nq    | # 84     |
| 51) Acenaphthene               | 9.94  | 154  | 455178   | 30.96 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.86  | 138  | 142192   | 33.13 | nq    | # 69     |
| 53) 2,4-Dinitrophenol          | 9.95  | 184  | 4705     | 6.51  | nq    | # 64     |
| 54) Dibenzofuran               | 10.11 | 168  | 705273   | 35.23 | nq    | 97       |
| 55) 4-Nitrophenol              | 10.02 | 139  | 220921   | 60.23 | nq    | # 78     |
| 56) 2,4-Dinitrotoluene         | 10.09 | 165  | 155731   | 32.60 | nq    | # 86     |
| 57) Fluorene                   | 10.46 | 166  | 513146   | 32.79 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.23 | 232  | 116457   | 30.77 | nq    | # 52     |
| 59) Diethylphthalate           | 10.33 | 149  | 599122   | 36.18 | nq    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.44 | 204  | 216728   | 32.16 | nq    | 98       |
| 61) 4-Nitroaniline             | 10.47 | 138  | 137147   | 33.24 | nq    | 95       |
| 62) Azobenzene                 | 10.60 | 77   | 598587   | 35.91 | nq    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 10.49 | 198  | 7824     | 6.15  | nq    | 97       |
| 65) n-Nitrosodiphenylamine     | 10.56 | 169  | 470044   | 43.97 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.94 | 248  | 155596   | 48.08 | nq    | 96       |
| 67) Hexachlorobenzene          | 10.99 | 284  | 149232   | 41.23 | nq    | 94       |
| 68) Atrazine                   | 11.10 | 200  | 137673   | 43.47 | nq    | 97       |
| 69) Pentachlorophenol          | 11.19 | 266  | 146176   | 67.97 | nq    | 98       |
| 70) Phenanthrene               | 11.42 | 178  | 759920   | 42.94 | nq    | 98       |
| 71) Anthracene                 | 11.46 | 178  | 735650   | 41.49 | nq    | 100      |
| 72) Carbazole                  | 11.62 | 167  | 722132   | 43.02 | nq    | # 97     |
| 73) Di-n-butylphthalate        | 11.95 | 149  | 879936   | 48.90 | nq    | 100      |
| 74) Fluoranthene               | 12.61 | 202  | 783310   | 44.98 | nq    | 92       |
| 76) Benzidine                  | 12.72 | 184  | 187923   | 18.08 | nq    | 98       |
| 77) Pyrene                     | 12.82 | 202  | 727453   | 38.75 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.45 | 149  | 372855   | 46.66 | nq    | 97       |
| 80) Benzo(a)anthracene         | 14.01 | 228  | 644836   | 42.38 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.98 | 252  | 152003   | 35.41 | nq    | # 96     |
| 82) Chrysene                   | 14.05 | 228  | 546197   | 36.06 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149  | 485666   | 51.08 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.62 | 149  | 812011   | 45.93 | nq    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 16.86 | 276  | 534549   | 42.70 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 15.07 | 252  | 1174922  | 82.38 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.07 | 252  | 1174922  | 99.01 | nq    | # 96     |
| 89) Benzo(a)pyrene             | 15.39 | 252  | 540540   | 45.08 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.87 | 278  | 444025   | 43.52 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.27 | 276  | 434555   | 42.21 | nq    | 99       |

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



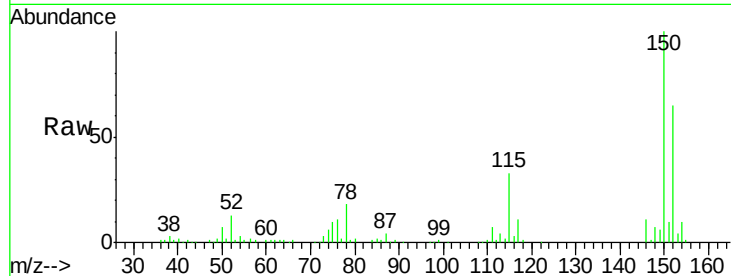


#1

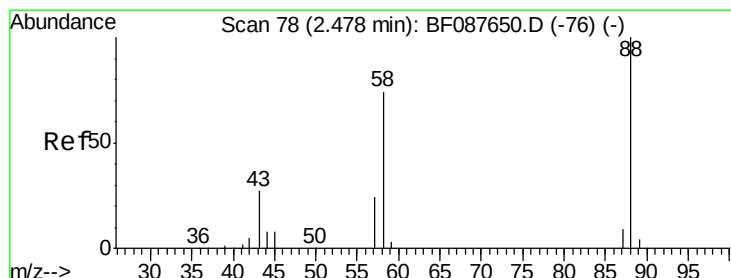
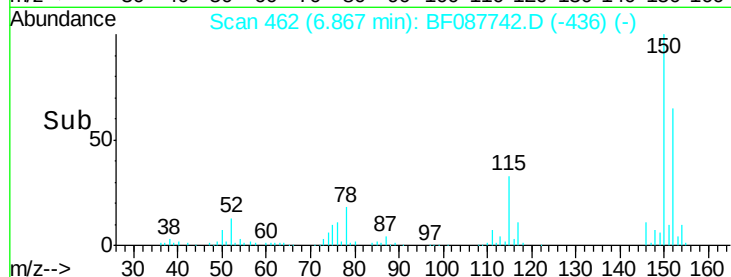
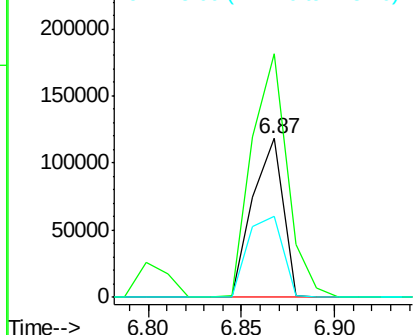
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.87 min Scan# 462  
Delta R.T. -0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.4 | 123.8 | 185.6 |
| 115     | 51.2  | 39.6  | 59.4  |



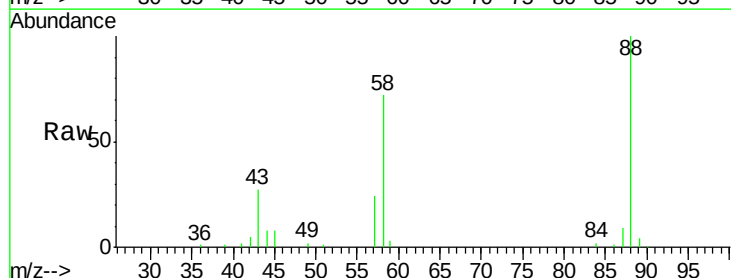
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



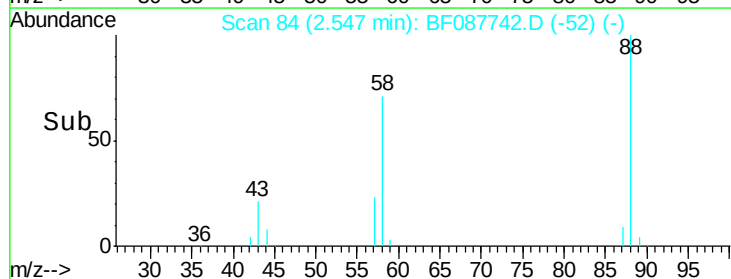
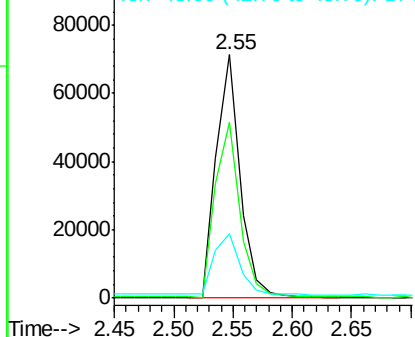
#2

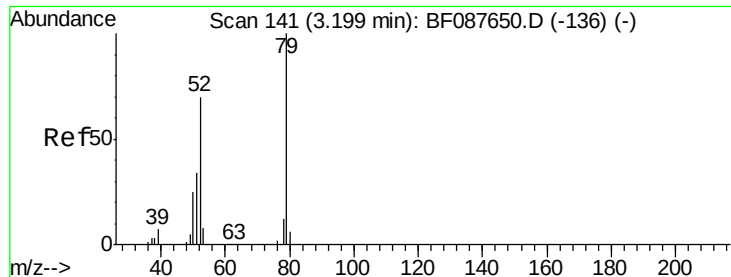
1,4-Dioxane  
Concen: 24.88 ng  
RT: 2.55 min Scan# 84  
Delta R.T. 0.07 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 76.1  | 0.0   | 0.0#  |
| 43      | 27.3  | 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: 23.66 ng

RT: 3.28 min Scan# 148

Delta R.T. 0.08 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampleId :

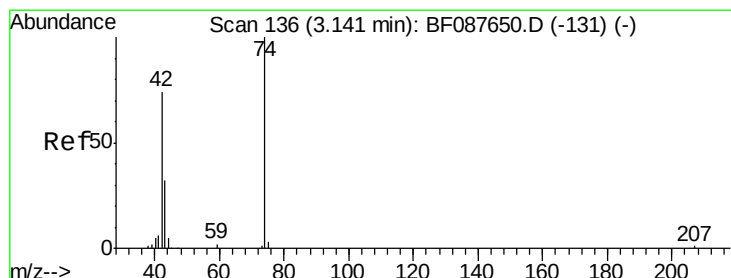
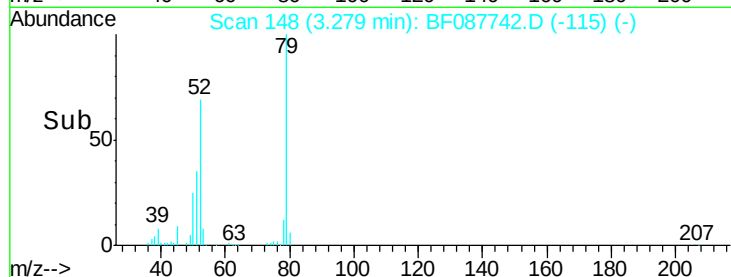
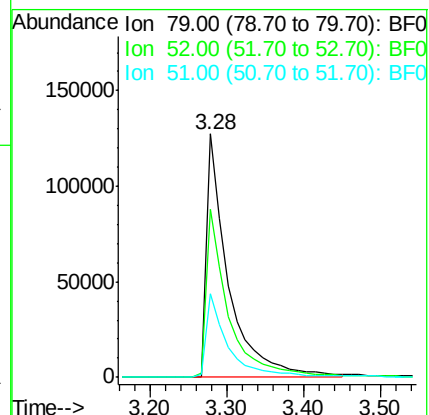
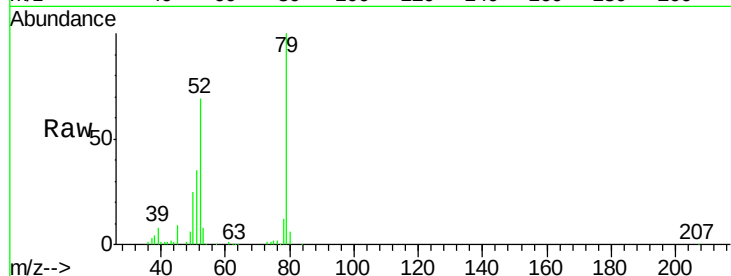
Tot Ion: 79 Resp: 250330

Ion Ratio Lower Upper

79 100

52 69.3 56.3 84.5

51 34.6 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 30.60 ng

RT: 3.21 min Scan# 142

Delta R.T. 0.07 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

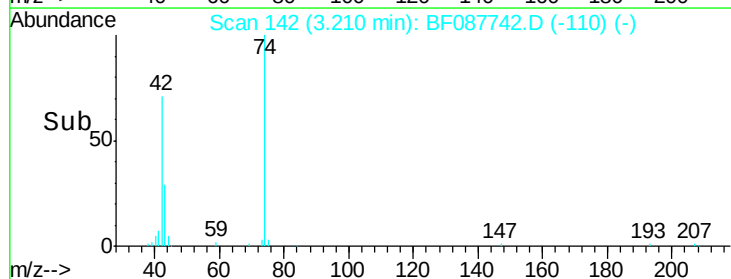
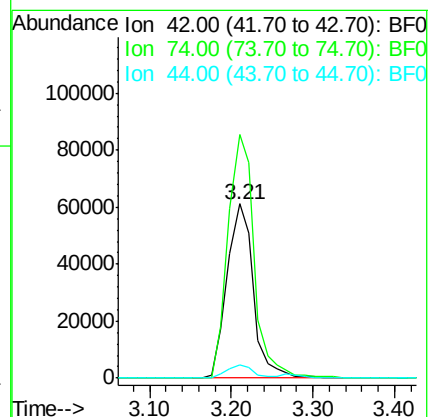
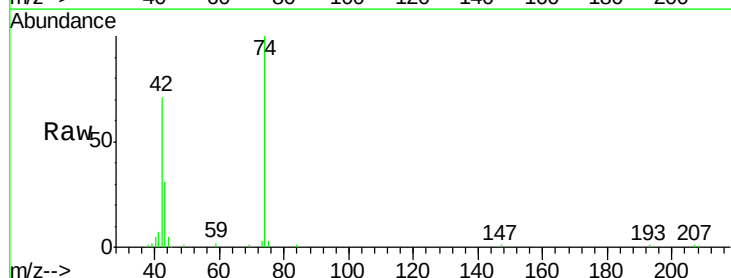
Tgt Ion: 42 Resp: 136761

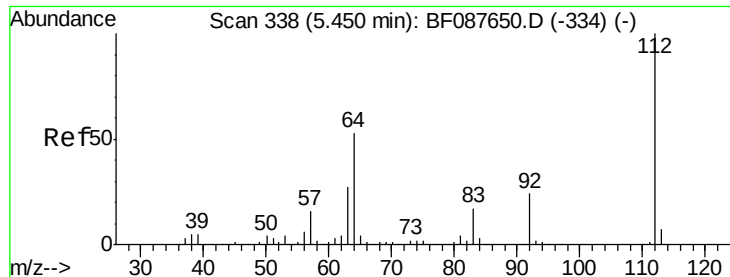
Ion Ratio Lower Upper

42 100

74 140.0 108.6 163.0

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 91.84 ng

RT: 5.47 min Scan# 340

Delta R.T. 0.02 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampled :

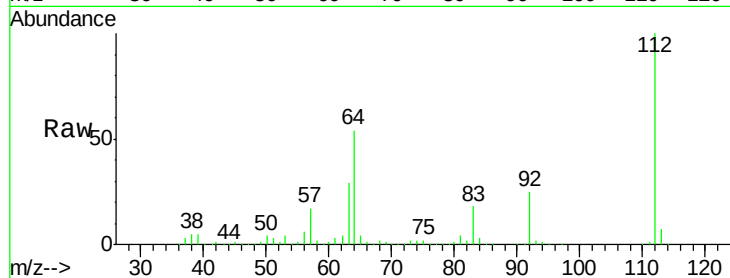
Tot Ion:112 Resp: 760800

Ion Ratio Lower Upper

112 100

64 54.3 42.2 63.2

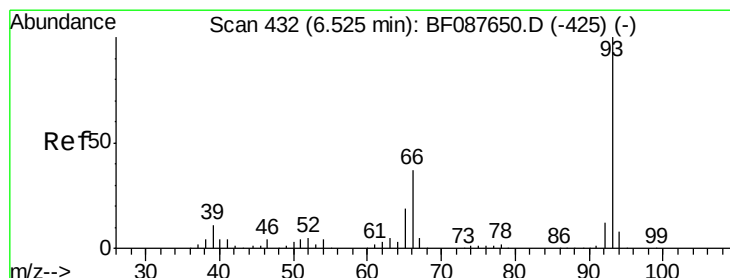
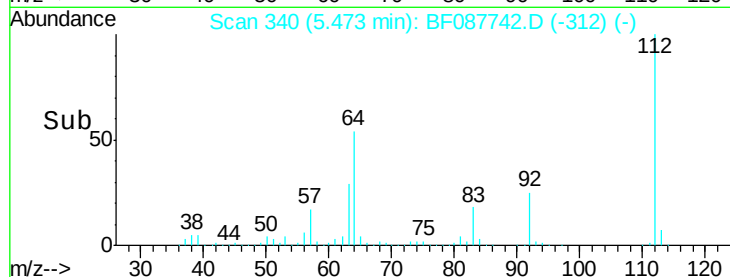
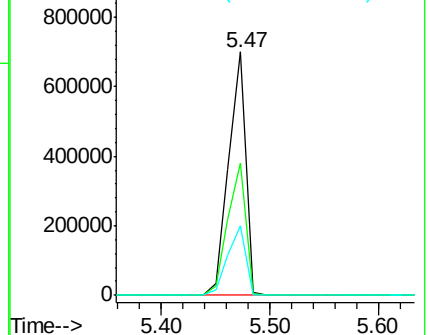
63 28.6 21.8 32.8



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: 13.80 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

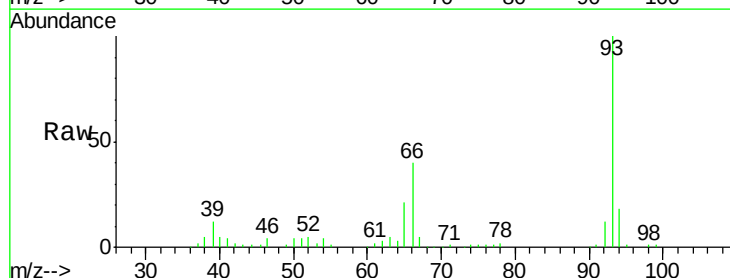
Tgt Ion: 93 Resp: 203300

Ion Ratio Lower Upper

93 100

66 39.7 29.8 44.8

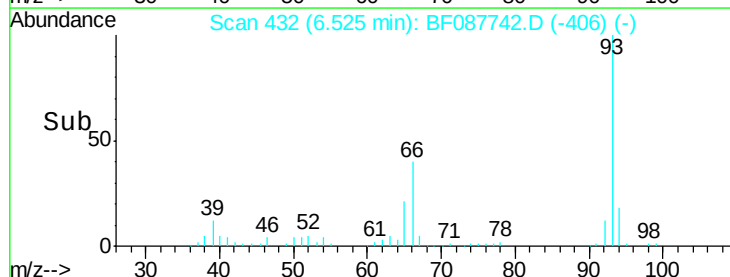
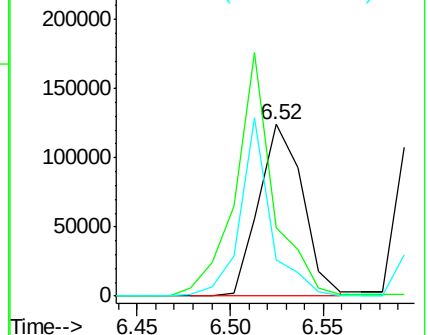
65 21.0 14.9 22.3

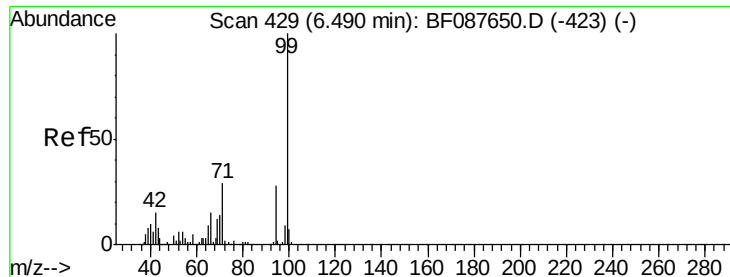


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 89.60 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampleId :

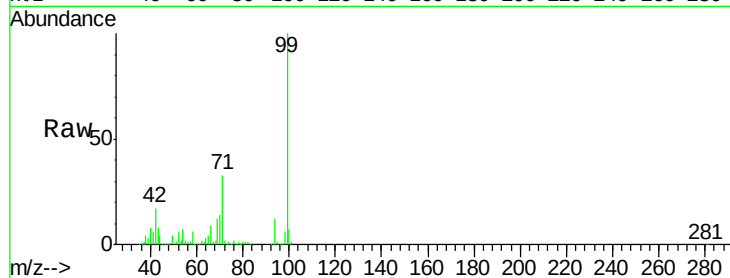
Tot Ion: 99 Resp: 930899

Ion Ratio Lower Upper

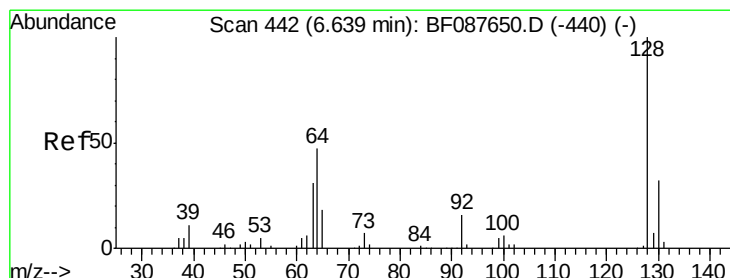
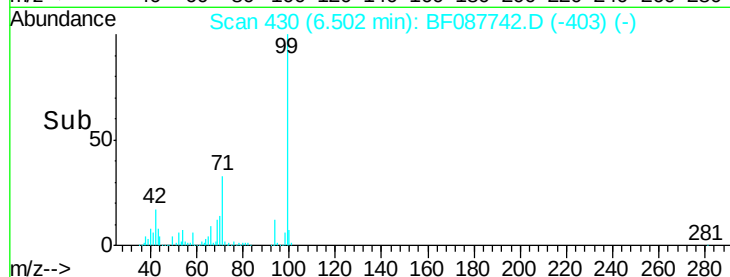
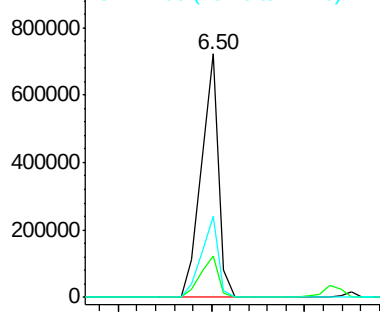
99 100

42 16.9 12.2 18.2

71 33.2 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: 33.48 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

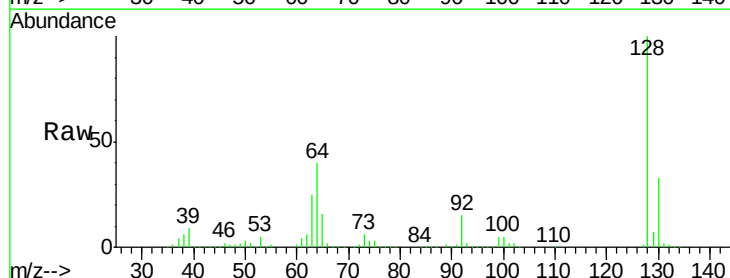
Tgt Ion: 128 Resp: 319121

Ion Ratio Lower Upper

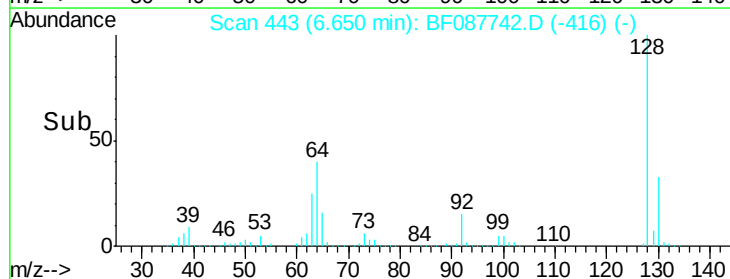
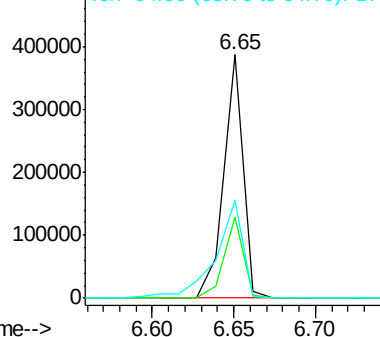
128 100

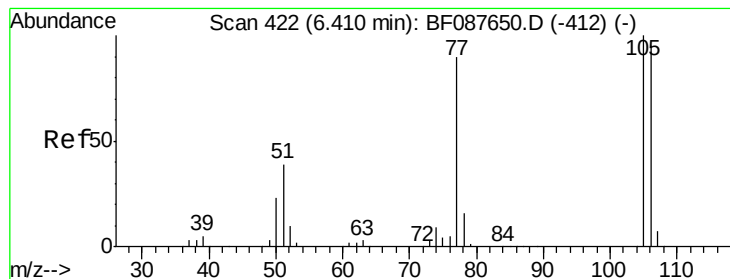
130 33.1 12.0 52.0

64 40.2 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: 3.22 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampled :

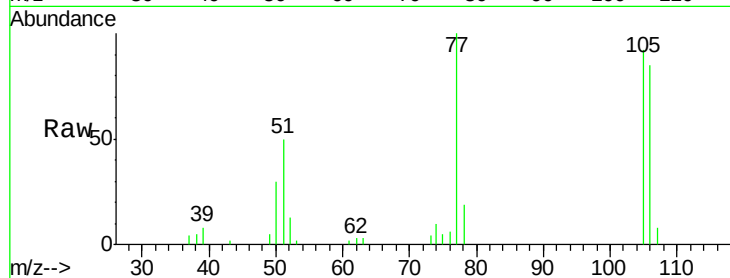
Tot Ion: 77 Resp: 22623

Ion Ratio Lower Upper

77 100

105 91.8 90.6 130.6

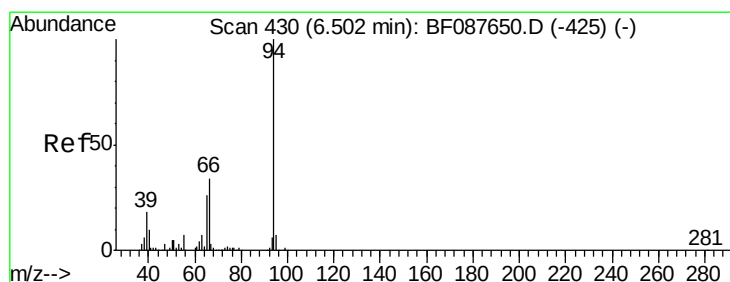
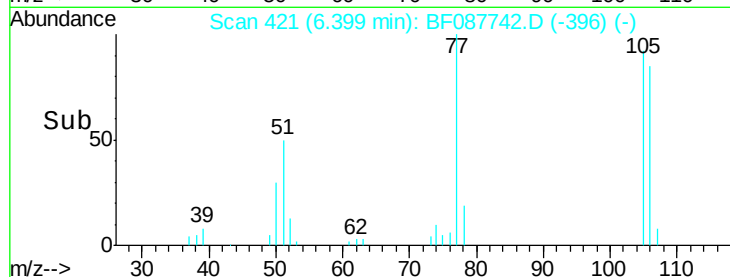
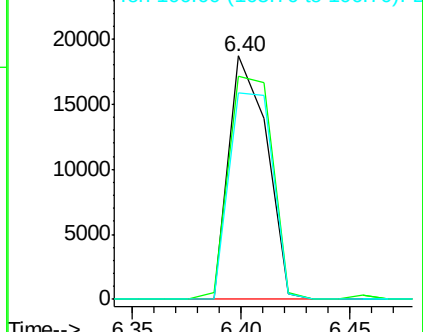
106 85.0 85.3 125.3#



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: 31.41 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

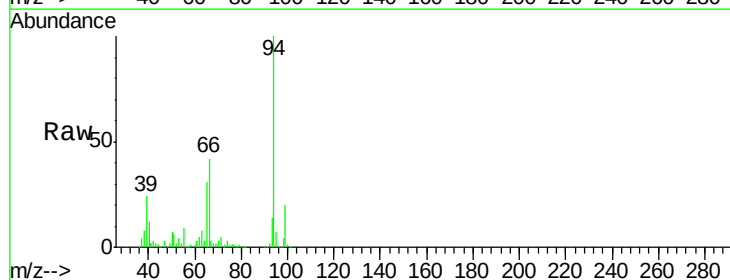
Tgt Ion: 94 Resp: 371601

Ion Ratio Lower Upper

94 100

65 31.1 5.9 45.9

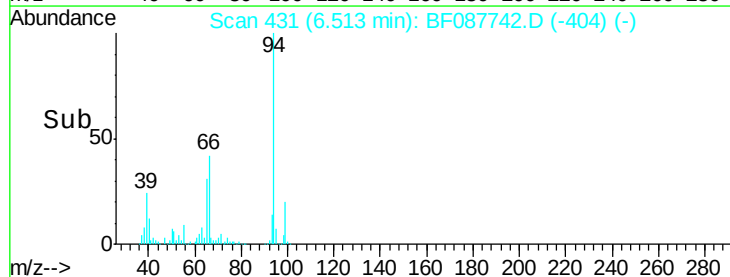
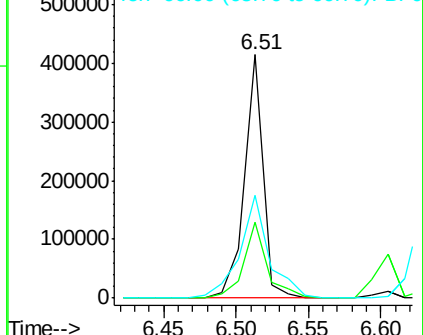
66 42.4 14.0 54.0



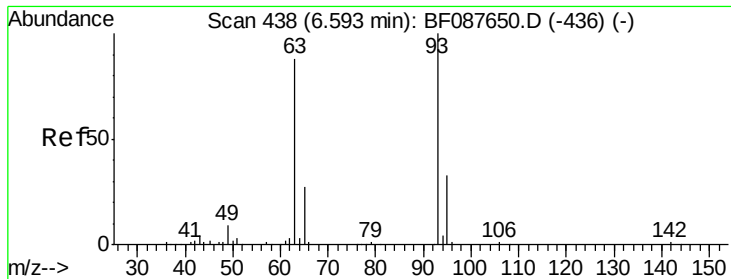
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0







#11

bis(2-Chloroethyl)ether

Concen: 35.49 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampleId :

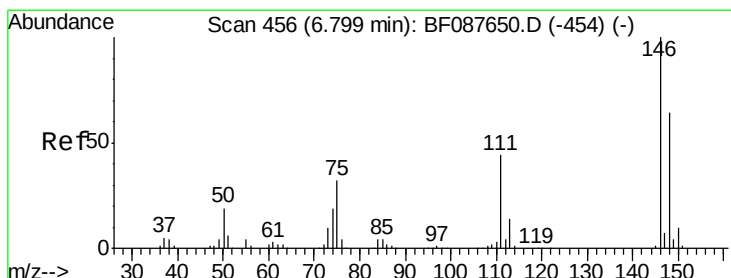
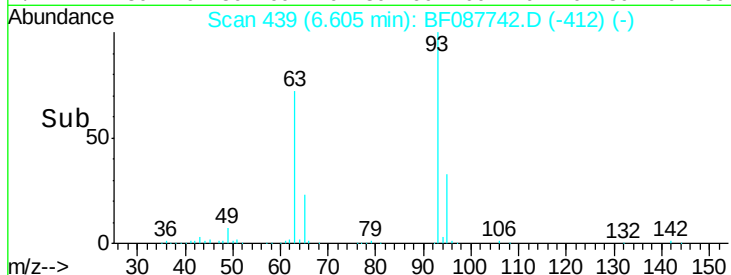
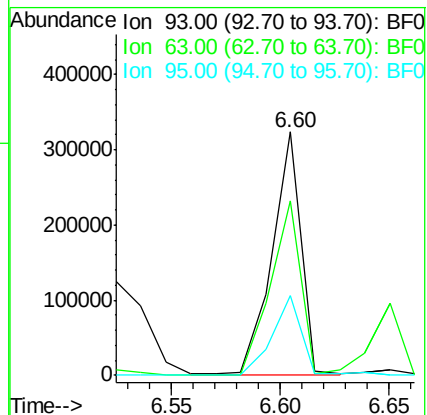
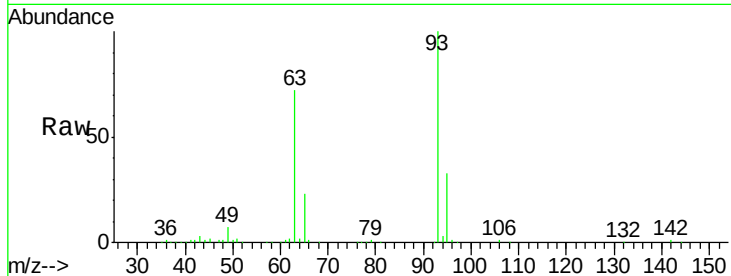
Tot Ion: 93 Resp: 305048

Ion Ratio Lower Upper

93 100

63 71.8 67.6 107.6

95 32.6 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 29.00 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

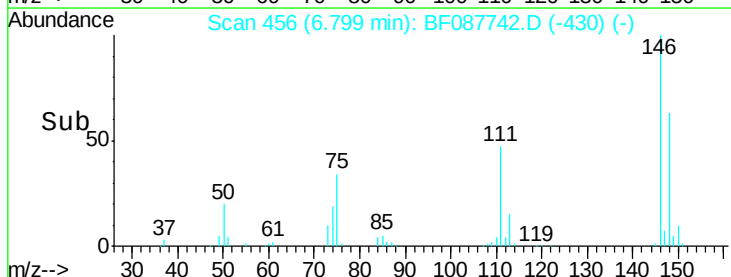
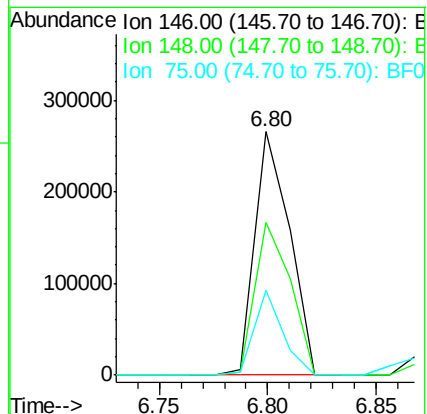
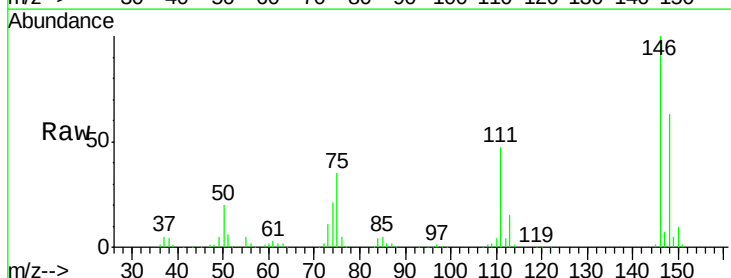
Tgt Ion: 146 Resp: 296031

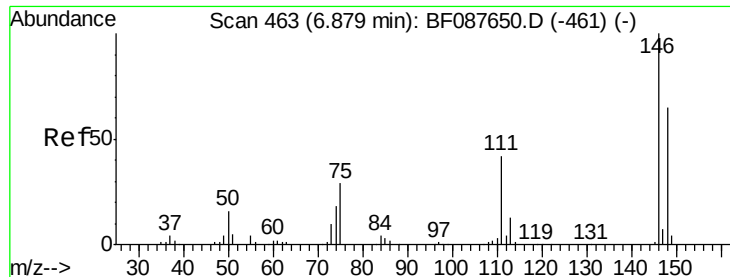
Ion Ratio Lower Upper

146 100

148 62.8 50.9 76.3

75 34.9 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 30.01 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampled :

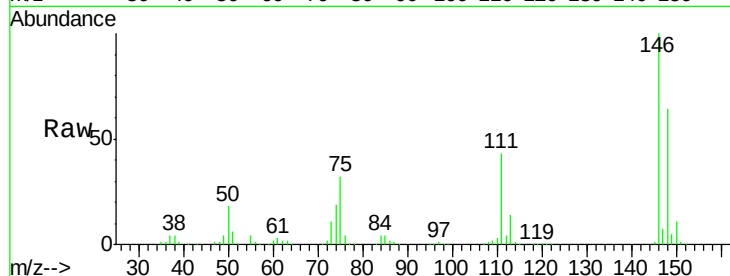
Tot Ion:146 Resp: 307304

Ion Ratio Lower Upper

146 100

148 63.6 52.0 78.0

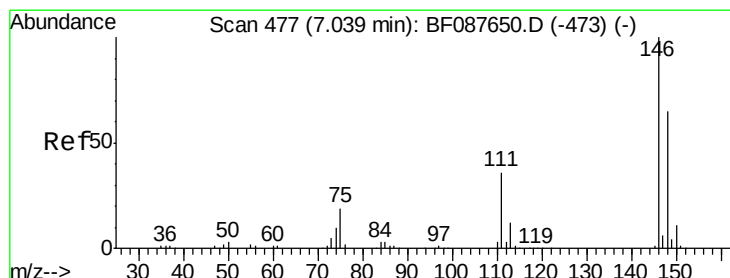
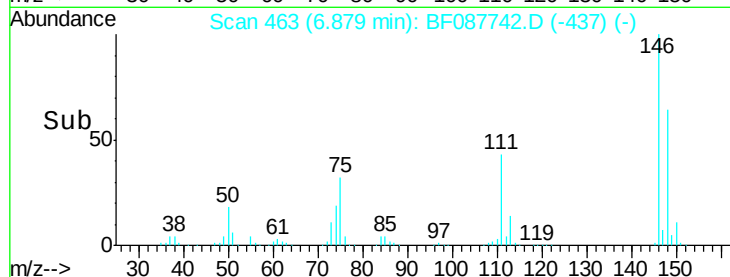
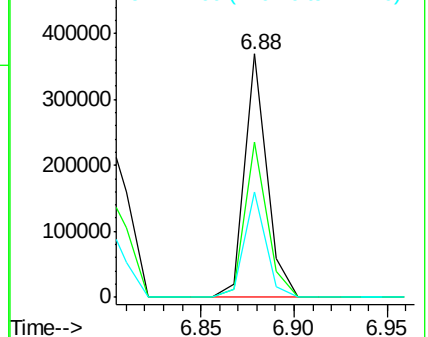
111 43.3 33.8 50.8



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: 31.13 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

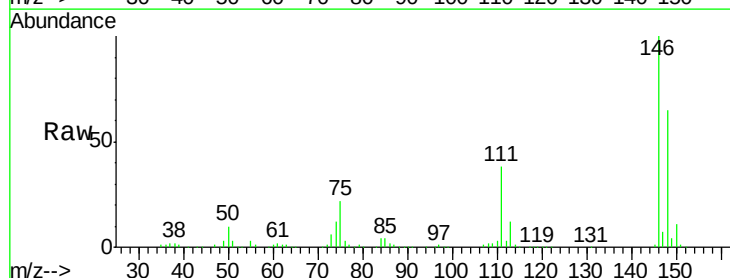
Tgt Ion:146 Resp: 298881

Ion Ratio Lower Upper

146 100

148 65.4 52.3 78.5

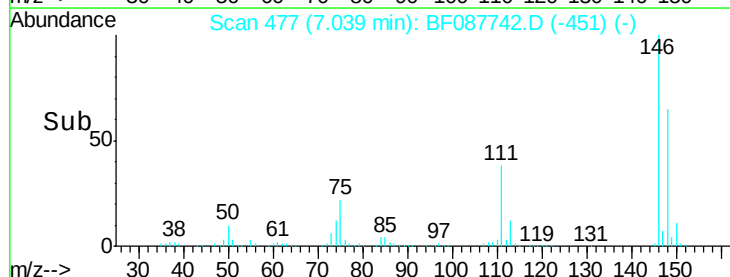
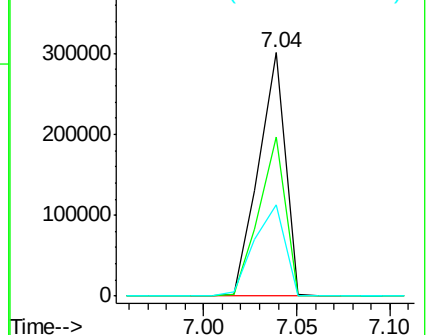
111 37.7 28.7 43.1

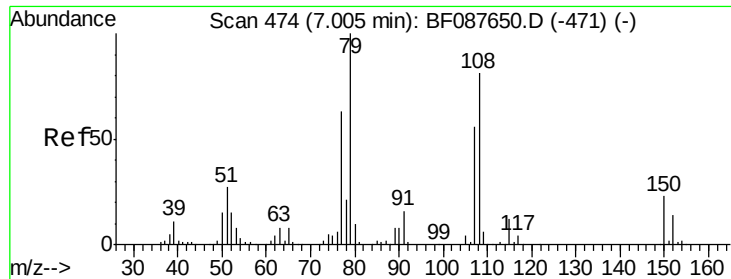


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.54 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampleId :

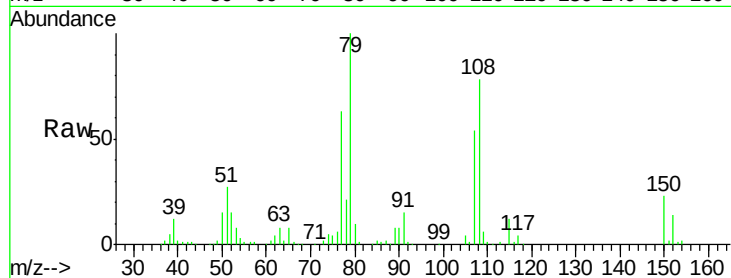
Tot Ion: 79 Resp: 219075

Ion Ratio Lower Upper

79 100

108 77.7 65.0 97.6

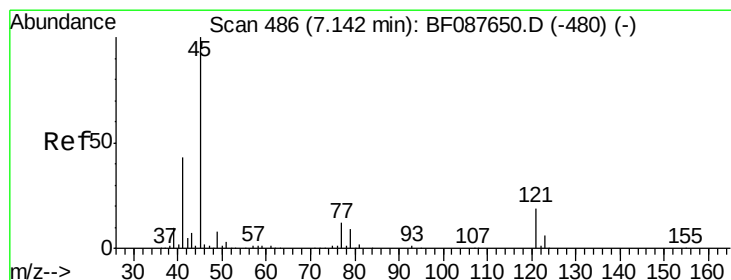
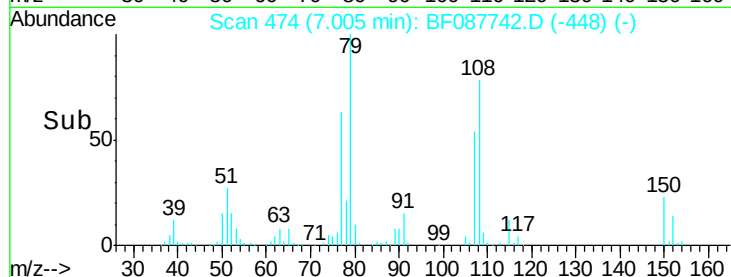
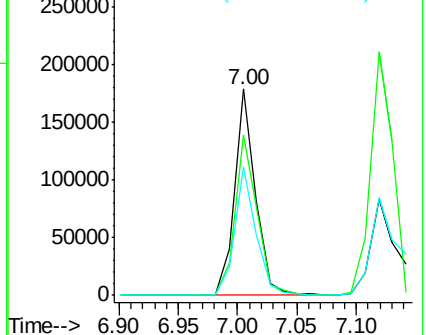
77 62.5 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.14 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

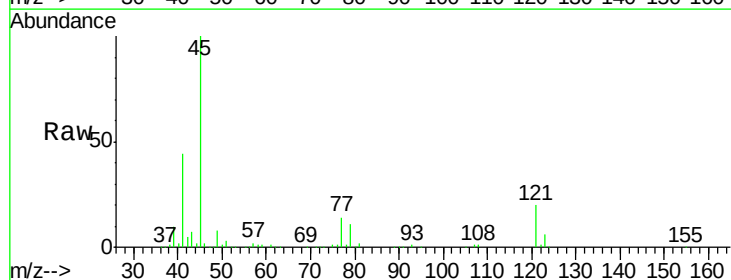
Tgt Ion: 45 Resp: 390412

Ion Ratio Lower Upper

45 100

77 13.9 0.0 32.5

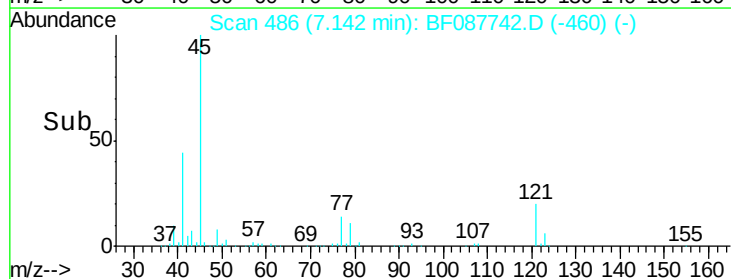
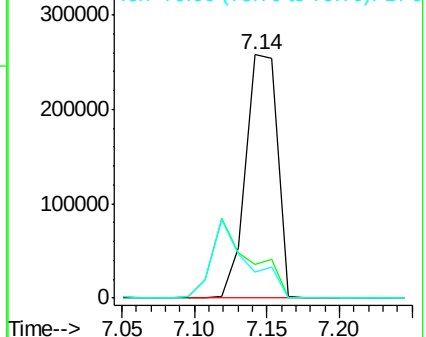
79 10.5 0.0 29.5

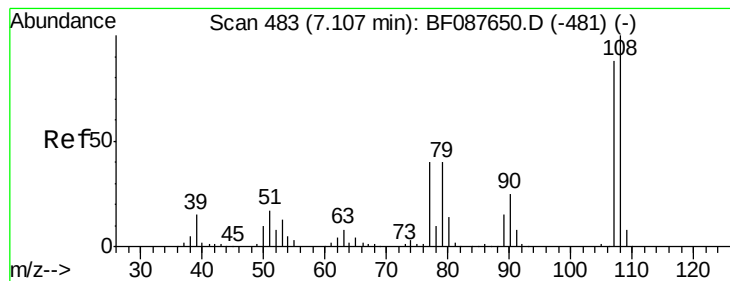


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

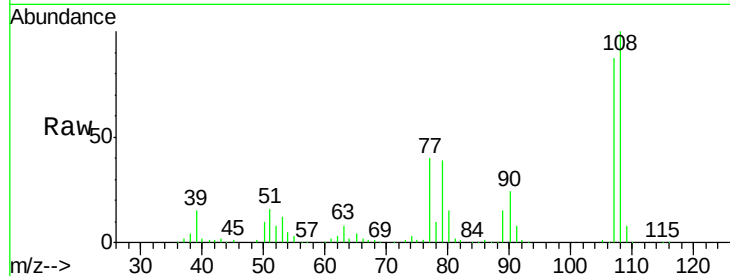




#17  
2-Methylphenol  
Concen: 31.46 ng  
RT: 7.12 min Scan# 484  
Delta R.T. 0.01 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 114.5 | 90.9  | 136.3 |
| 77      | 46.0  | 36.6  | 55.0  |
| 79      | 45.2  | 36.5  | 54.7  |



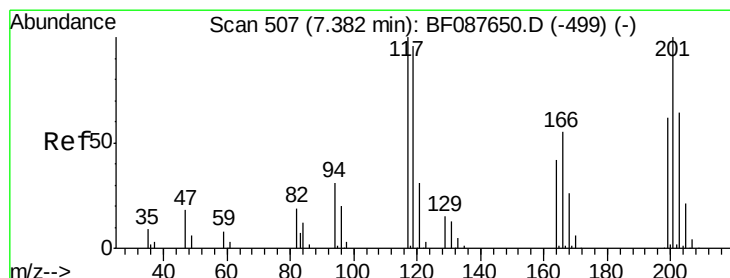
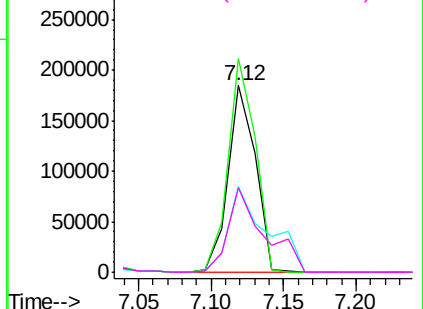
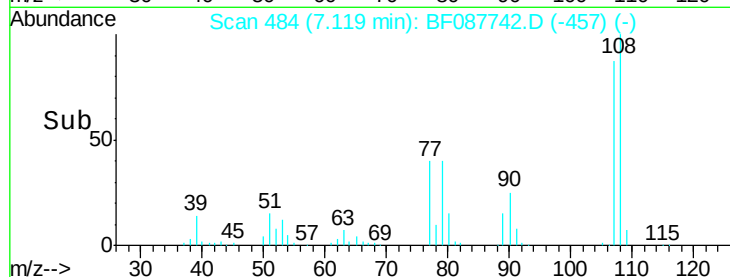
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

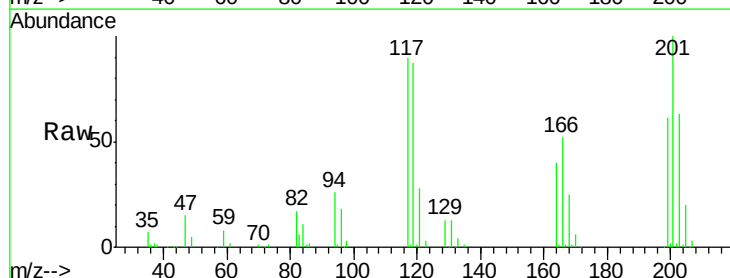
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18  
Hexachloroethane  
Concen: 27.52 ng  
RT: 7.38 min Scan# 507  
Delta R.T. -0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.2  | 77.4  | 116.2 |
| 201     | 110.6 | 80.4  | 120.6 |

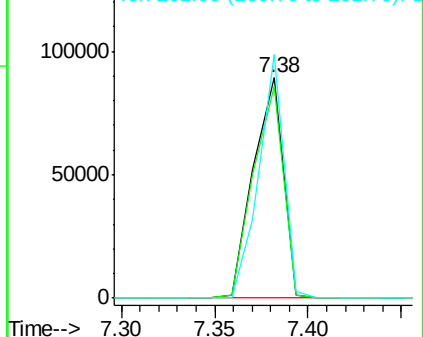
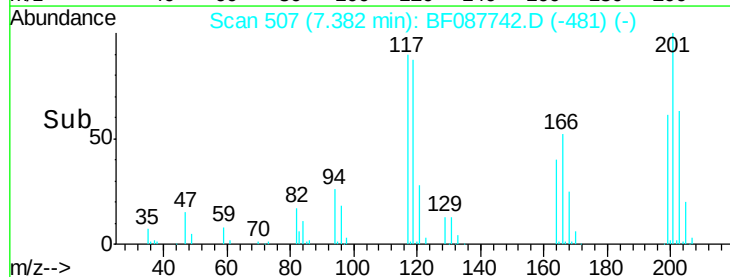


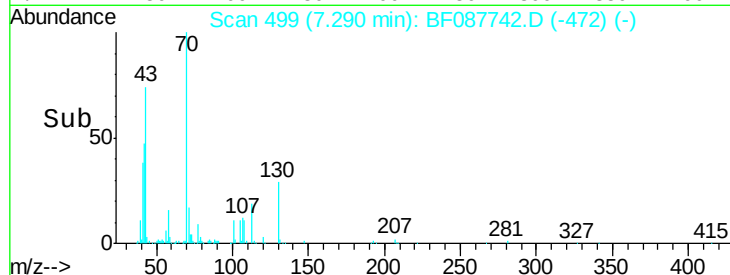
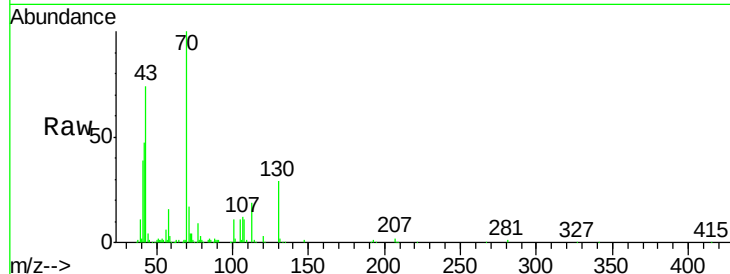
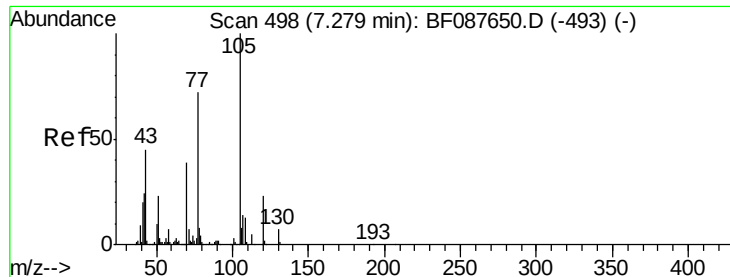
Abundance

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

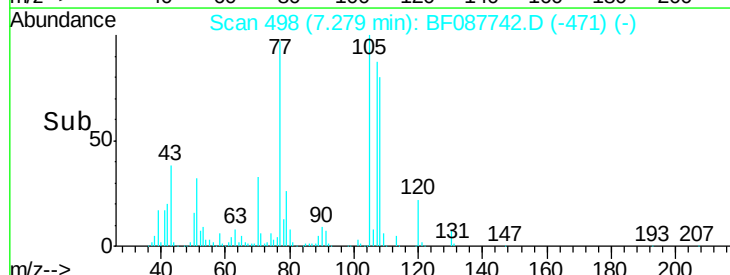
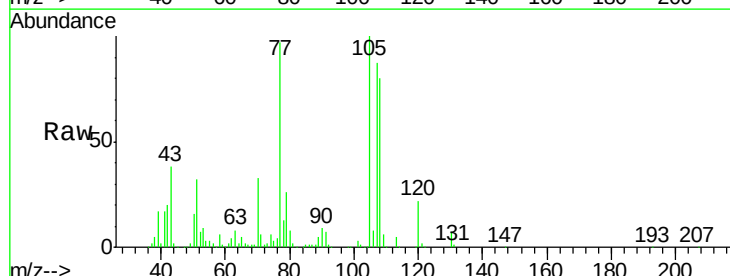
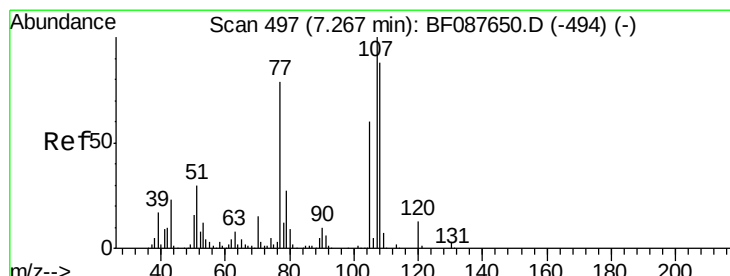
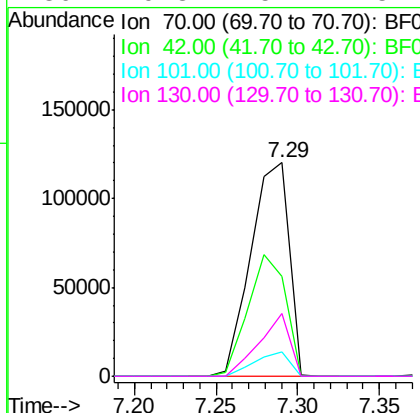




#19  
n-Nitroso-di-n-propylamine  
Concen: 30.23 ng  
RT: 7.29 min Scan# 499  
Delta R.T. 0.01 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

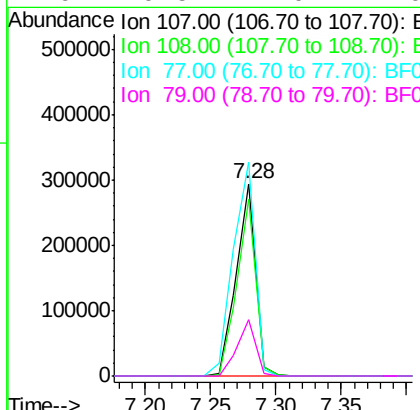
Instrument :  
BNA\_F  
ClientSampleId :

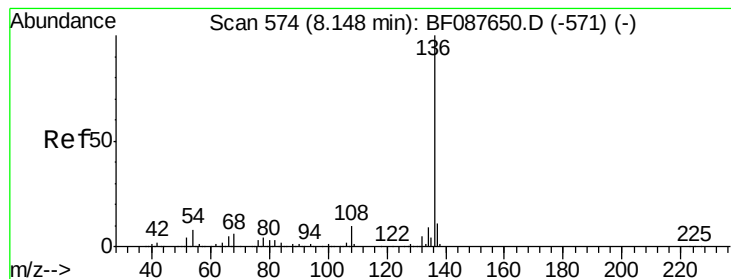
Tot Ion: 70 Resp: 196182  
Ion Ratio Lower Upper  
70 100  
42 46.7 49.6 74.4#  
101 11.3 7.1 10.7#  
130 29.3 15.4 23.2#



#20  
3+4-Methylphenols  
Concen: 32.08 ng  
RT: 7.28 min Scan# 498  
Delta R.T. 0.01 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Tgt Ion: 107 Resp: 300852  
Ion Ratio Lower Upper  
107 100  
108 91.8 67.8 107.8  
77 111.1 59.3 99.3#  
79 29.5 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 498182

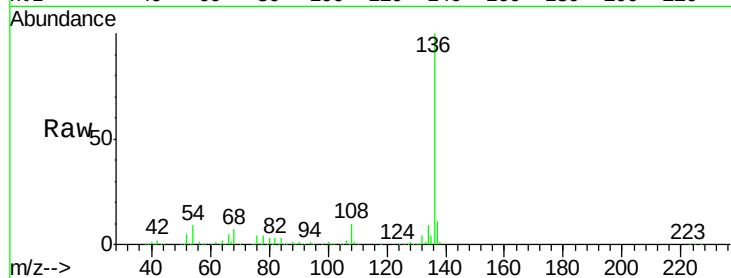
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.7 6.6 10.0

68 6.6 5.1 7.7

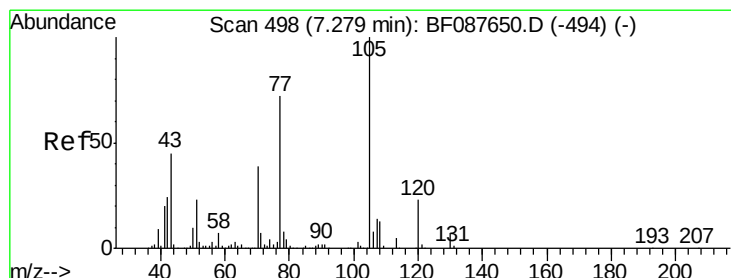
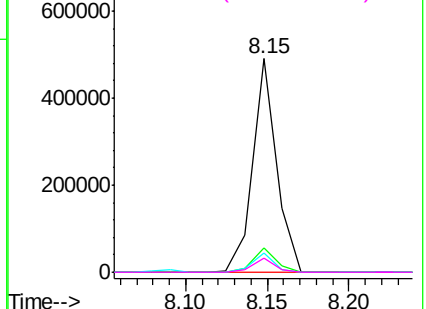
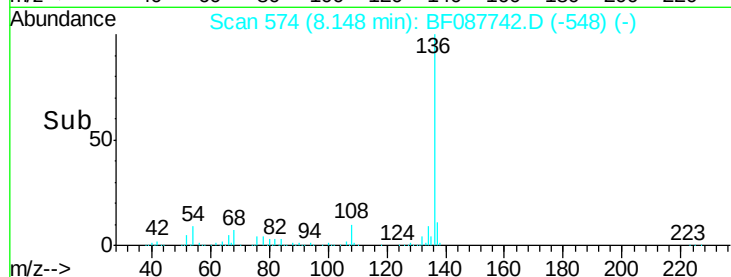


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.88 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion:105 Resp: 393592

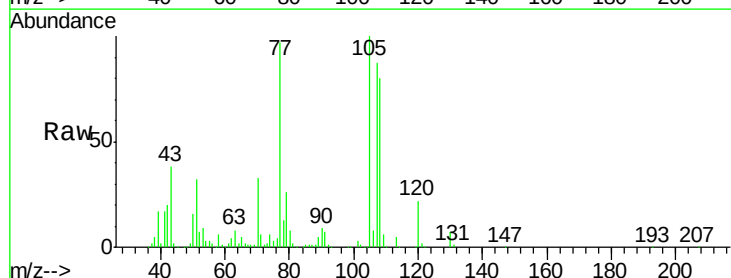
Ion Ratio Lower Upper

105 100

71 5.6 5.3 7.9

51 32.1 18.2 27.4#

120 22.1 18.0 27.0

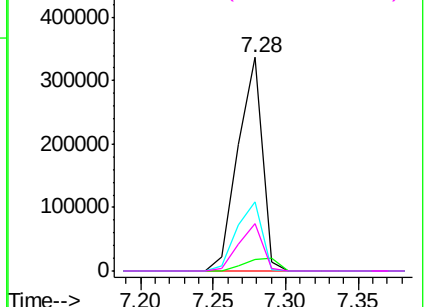
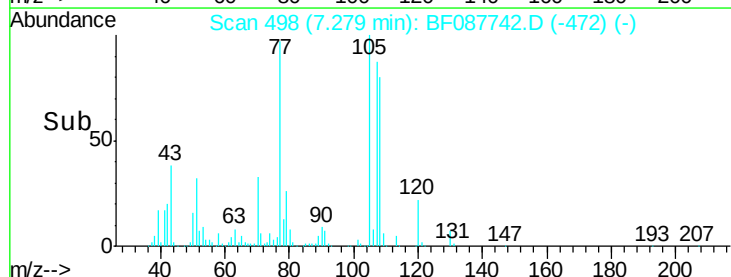


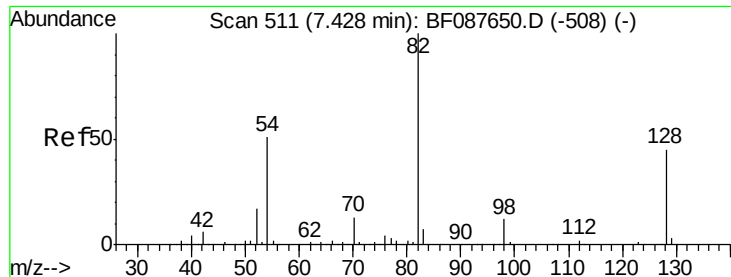
Abundance Ion 105.00 (104.70 to 105.70): E

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

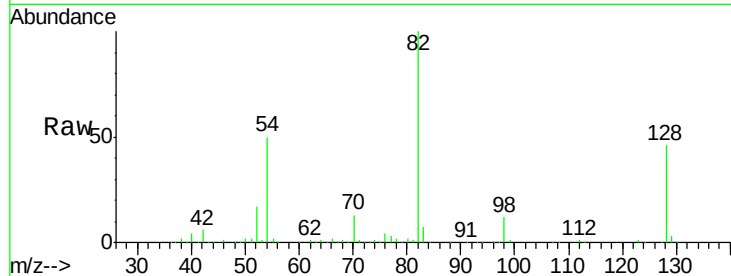




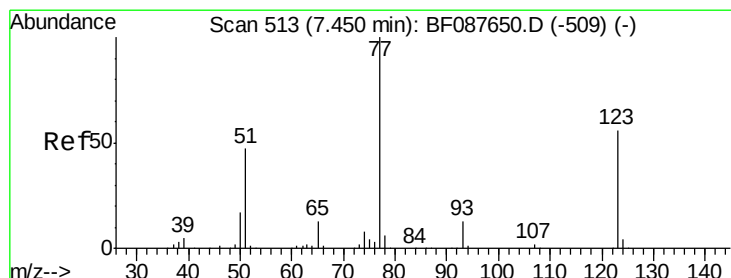
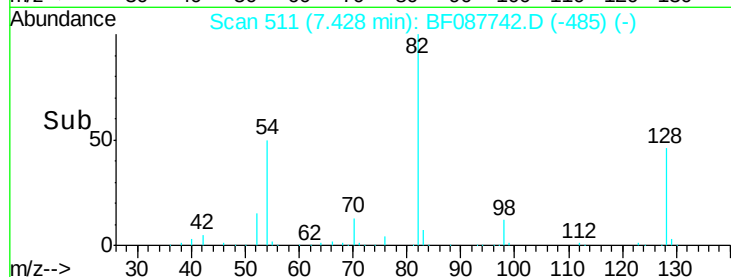
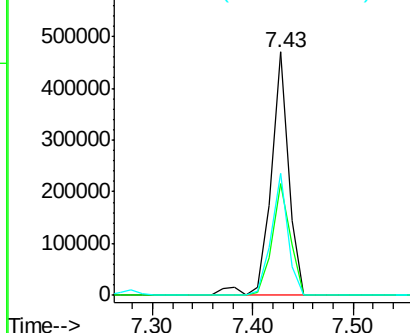
#23  
 Nitrobenzene-d5  
 Concen: 66.40 ng  
 RT: 7.43 min Scan# 511  
 Delta R.T. 0.00 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion: 82 Resp: 571705  
 Ion Ratio Lower Upper  
 82 100  
 128 46.1 35.9 53.9  
 54 50.3 40.9 61.3

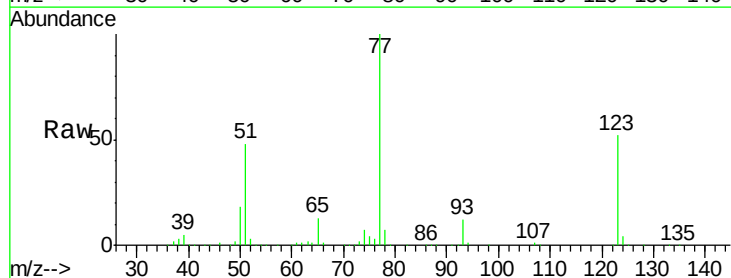


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): BF0  
 Ion 54.00 (53.70 to 54.70): BF0

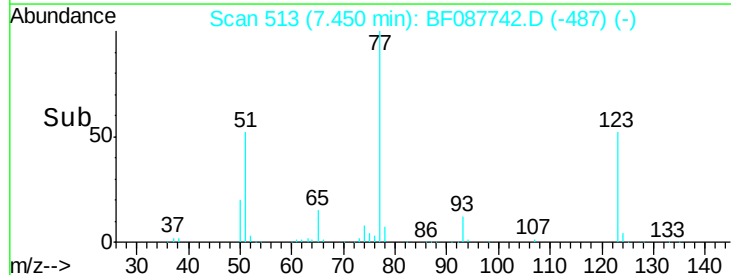
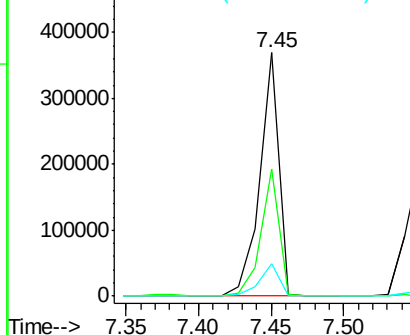


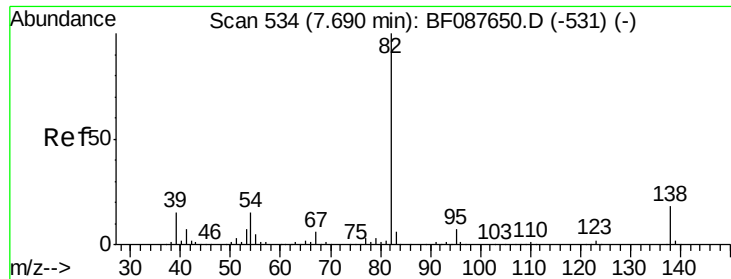
#24  
 Nitrobenzene  
 Concen: 38.98 ng  
 RT: 7.45 min Scan# 513  
 Delta R.T. -0.00 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

Tgt Ion: 77 Resp: 335893  
 Ion Ratio Lower Upper  
 77 100  
 123 52.2 45.0 67.4  
 65 13.3 10.2 15.2



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





#25

Isophorone

Concen: 33.06 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :  
BNA\_F  
ClientSampleId :

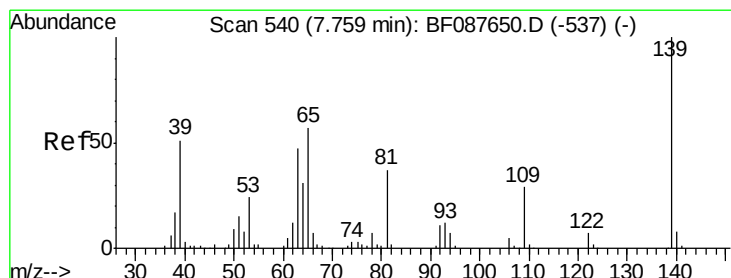
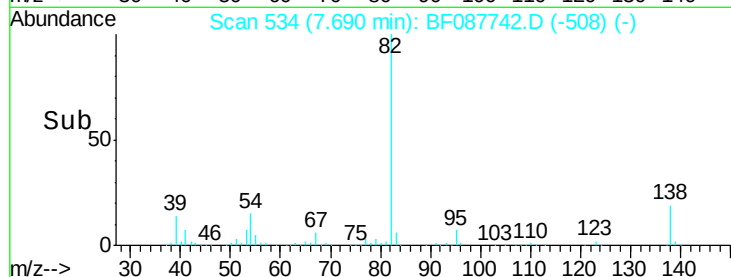
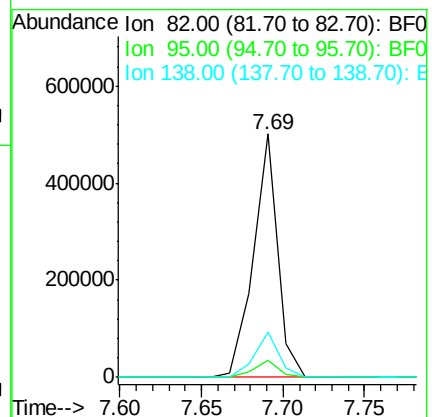
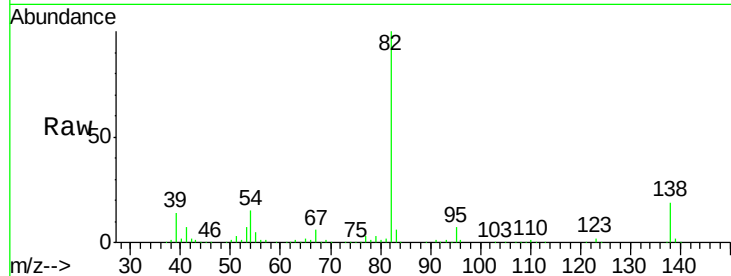
Tot Ion: 82 Resp: 518305

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 18.7 14.6 21.8



#26

2-Nitrophenol

Concen: 21.45 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

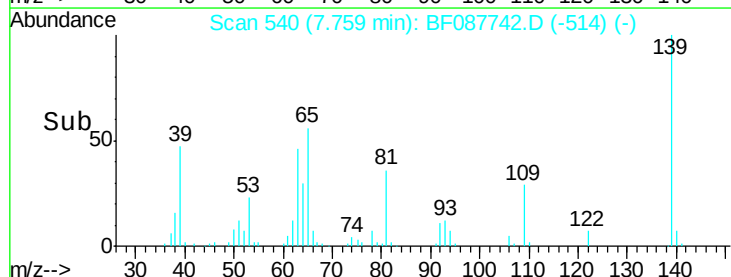
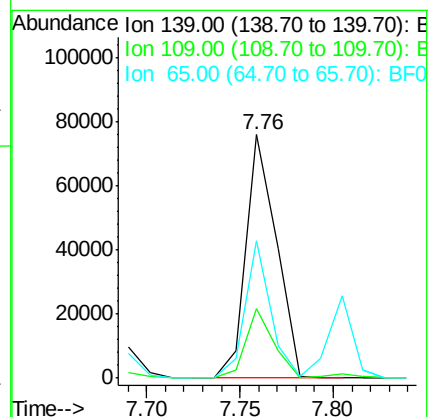
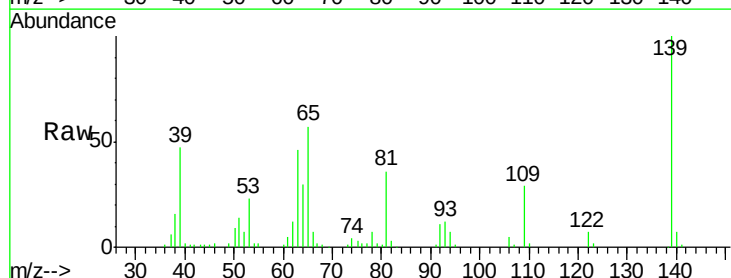
Tgt Ion: 139 Resp: 85899

Ion Ratio Lower Upper

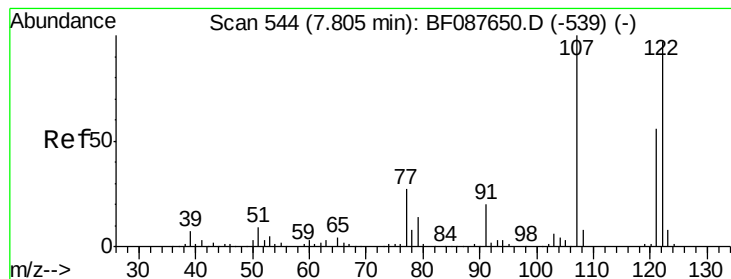
139 100

109 28.7 23.0 34.4

65 56.5 45.8 68.8



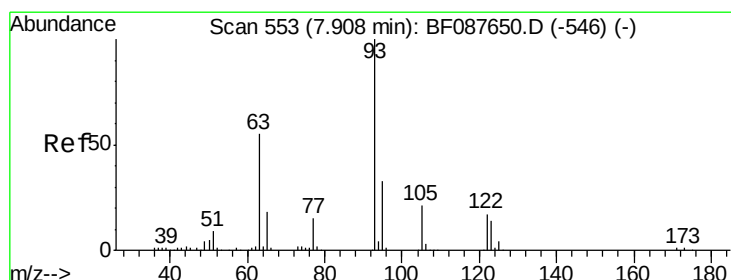
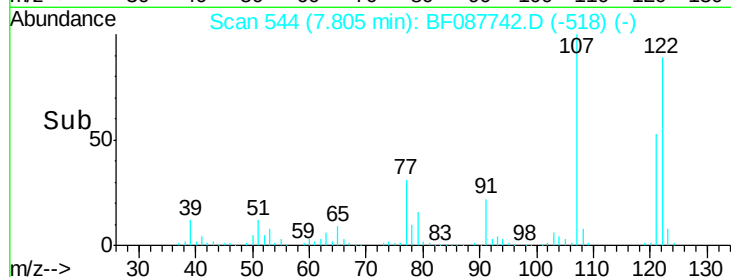
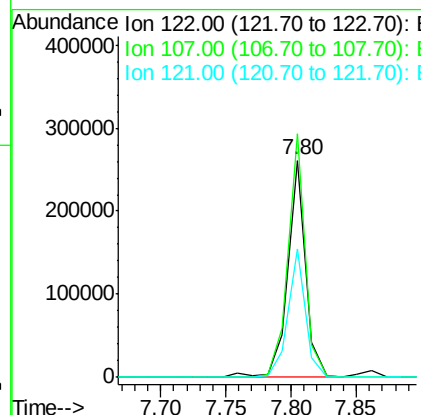
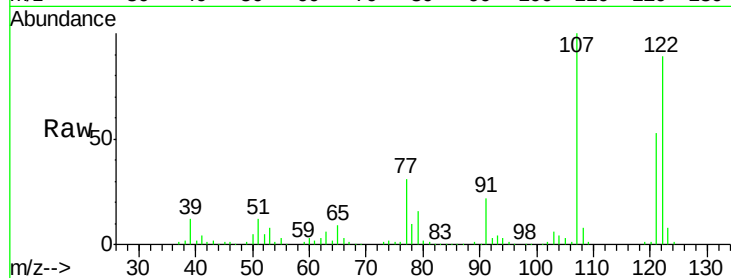




#27  
 2,4-Dimethylphenol  
 Concen: 30.57 ng  
 RT: 7.80 min Scan# 544  
 Delta R.T. -0.00 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

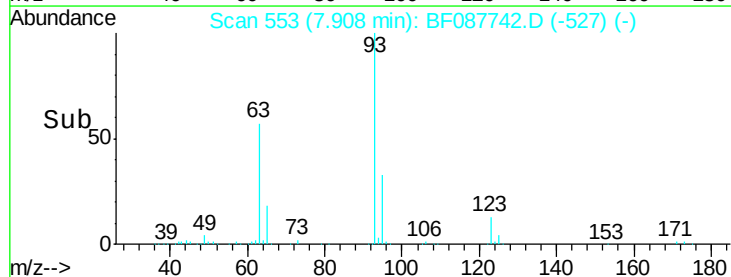
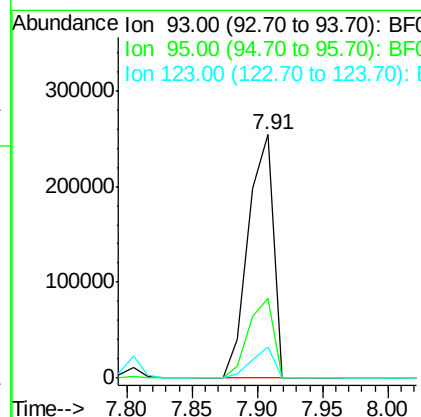
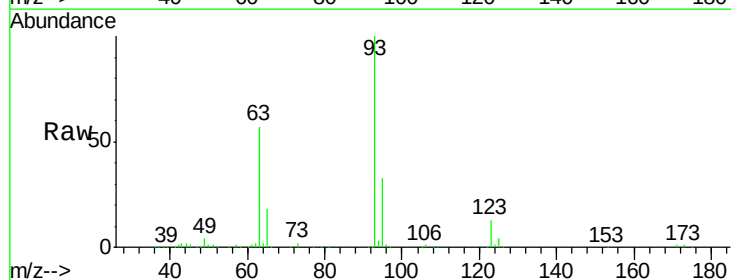
Instrument :  
 BNA\_F  
 ClientSampleId :

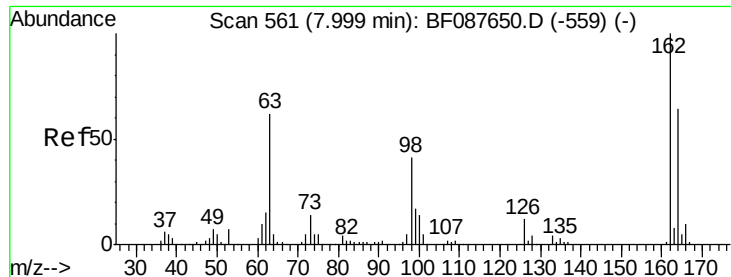
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 112.2 | 82.4  | 123.6 |
| 121     | 58.9  | 46.3  | 69.5  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 34.10 ng  
 RT: 7.91 min Scan# 553  
 Delta R.T. -0.00 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.9  | 26.5  | 39.7  |
| 123     | 12.8  | 11.6  | 17.4  |

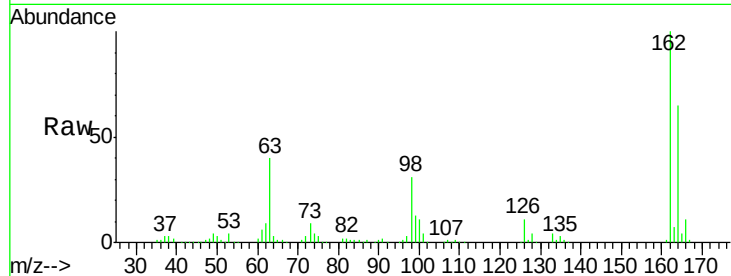




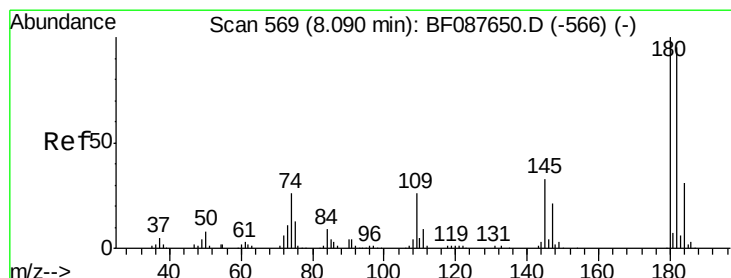
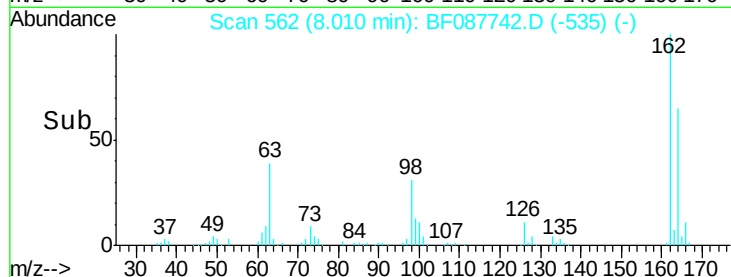
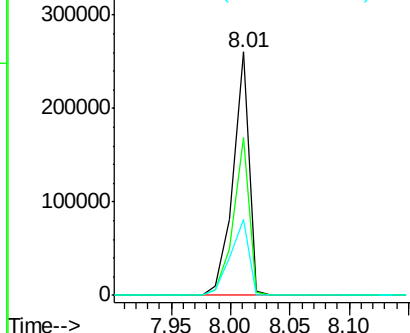
#29  
2,4-Dichlorophenol  
Concen: 36.19 ng  
RT: 8.01 min Scan# 562  
Delta R.T. 0.01 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.8  | 43.8  | 83.8  |
| 98      | 31.4  | 21.3  | 61.3  |

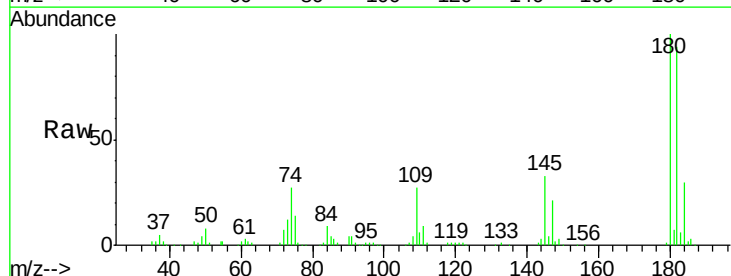


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0

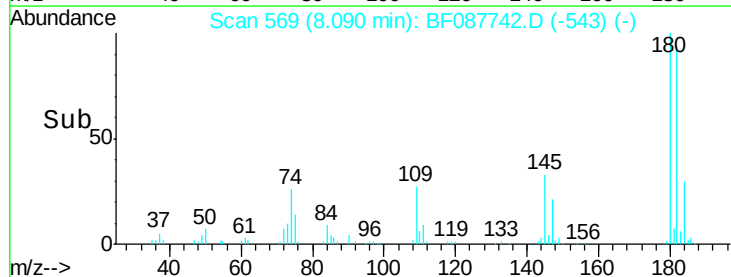
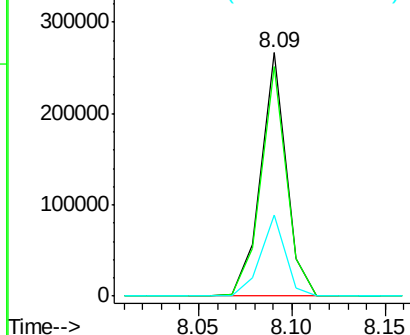


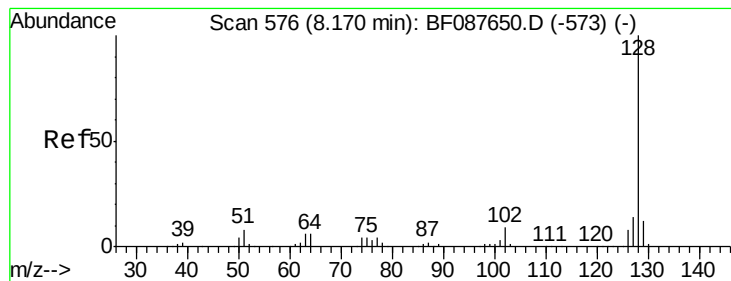
#30  
1,2,4-Trichlorobenzene  
Concen: 35.21 ng  
RT: 8.09 min Scan# 569  
Delta R.T. -0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.1  | 76.0  | 114.0 |
| 145     | 33.4  | 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: 33.69 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampleId :

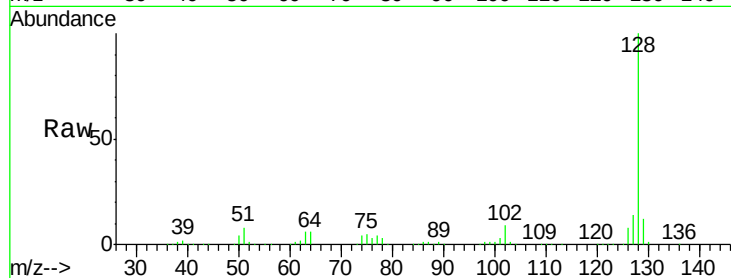
Tot Ion:128 Resp: 816085

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

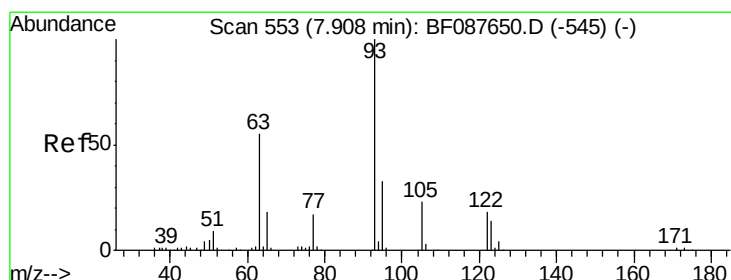
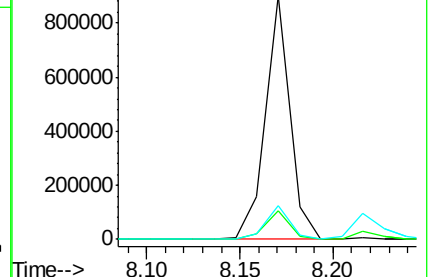
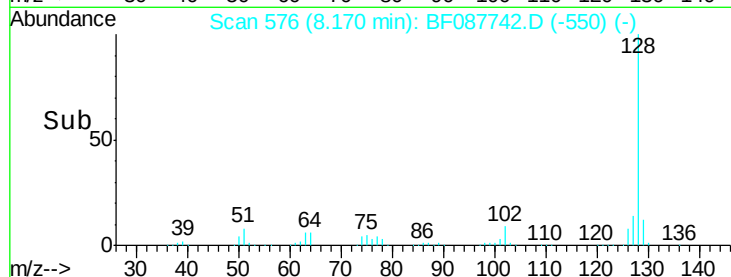
127 13.6 10.9 16.3



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: 50.67 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.10 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

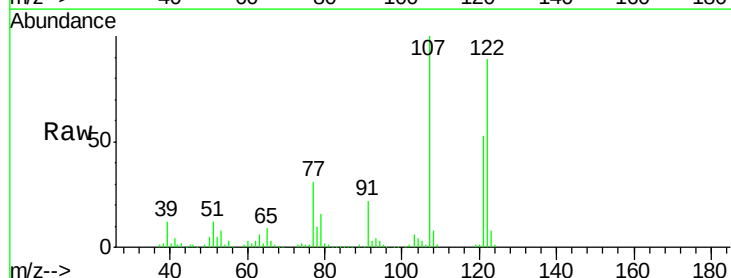
Tgt Ion:122 Resp: 253671

Ion Ratio Lower Upper

122 100

105 3.7 101.6 141.6#

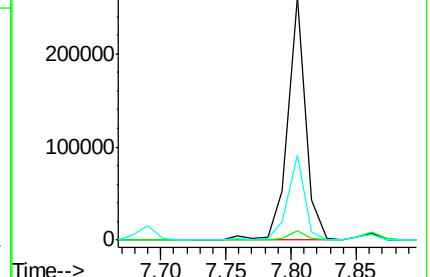
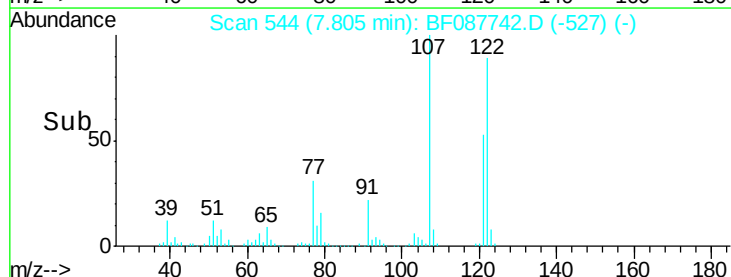
77 35.1 70.6 110.6#

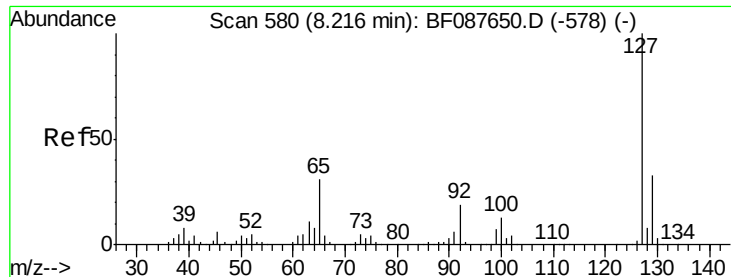


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

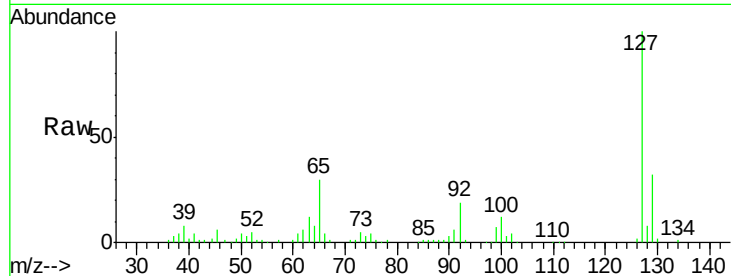




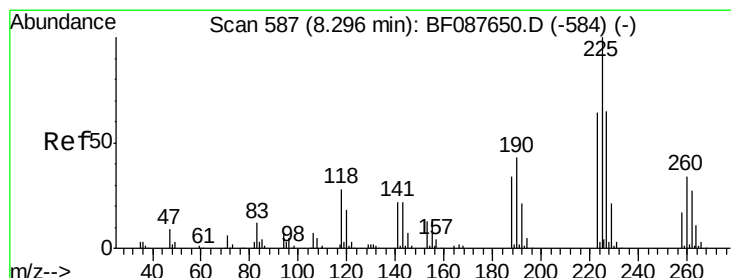
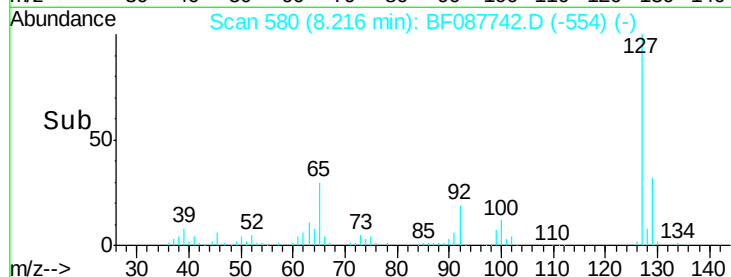
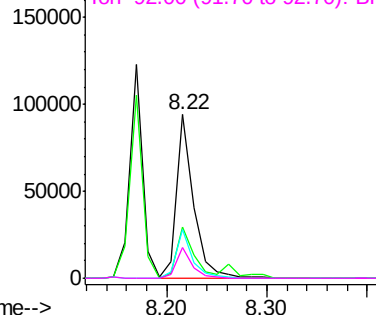
#33  
4-Chloroaniline  
Concen: 10.59 ng  
RT: 8.22 min Scan# 580  
Delta R.T. 0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 111475 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.6  | 26.3  | 39.5   |
| 65       | 29.9  | 24.7  | 37.1   |
| 92       | 18.6  | 15.4  | 23.0   |

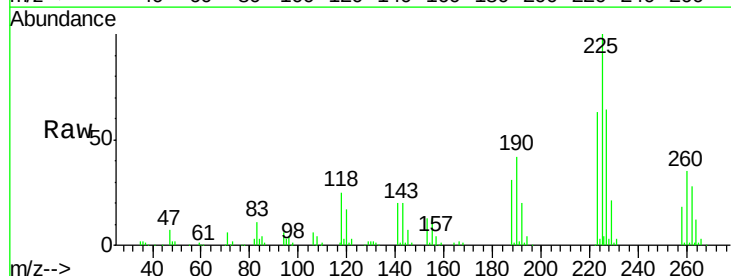


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

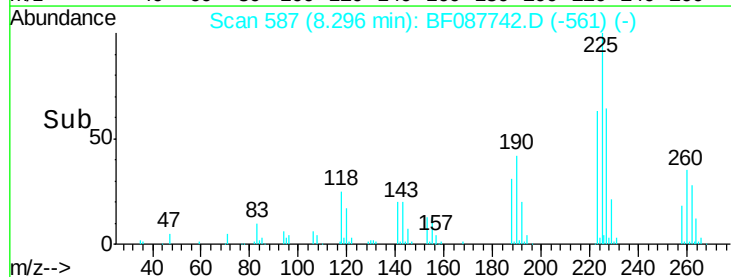
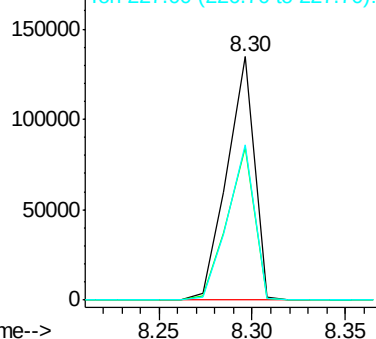


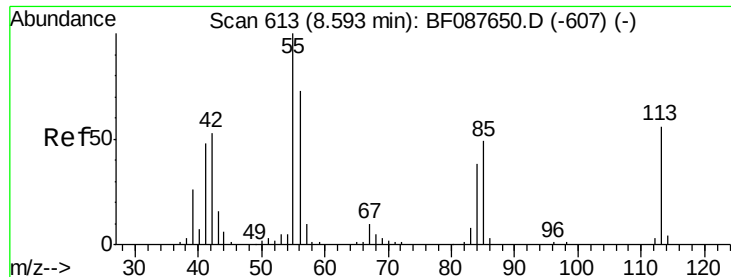
#34  
Hexachlorobutadiene  
Concen: 36.78 ng  
RT: 8.30 min Scan# 587  
Delta R.T. -0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 136495 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.0  | 50.9  | 76.3   |
| 227      | 63.9  | 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: 35.53 ng

RT: 8.59 min Scan# 613

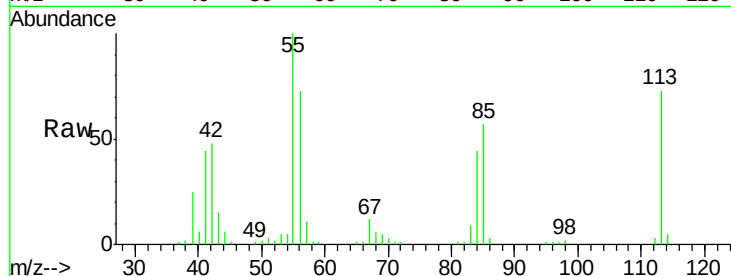
Delta R.T. -0.00 min

Lab File: BF087742.D

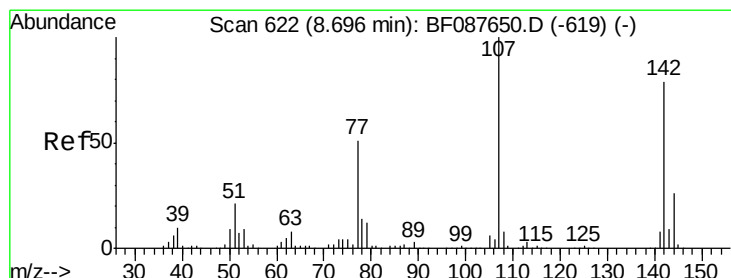
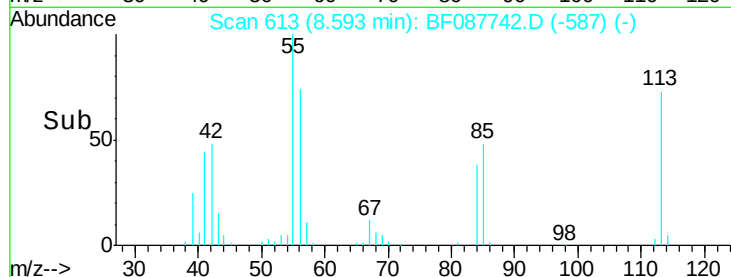
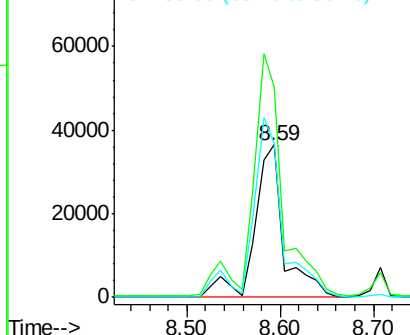
Acq: 6 Jun 2016 8:19

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:113 Resp: 79546  
Ion Ratio Lower Upper  
113 100  
55 137.8 158.6 198.6#  
56 100.9 110.6 150.6#



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: 32.97 ng

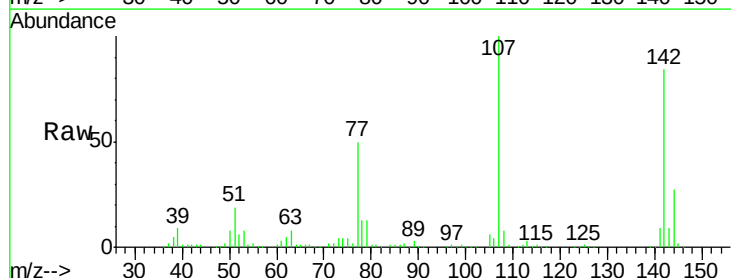
RT: 8.71 min Scan# 623

Delta R.T. 0.01 min

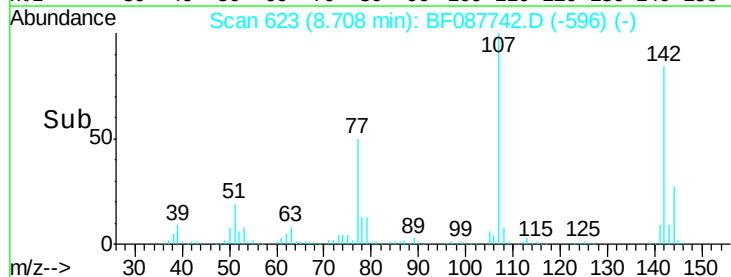
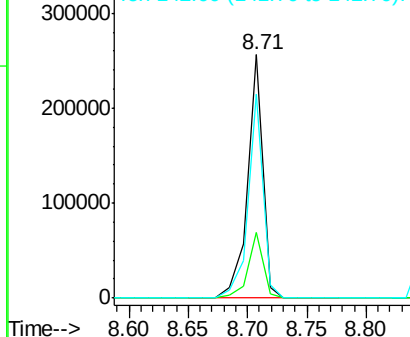
Lab File: BF087742.D

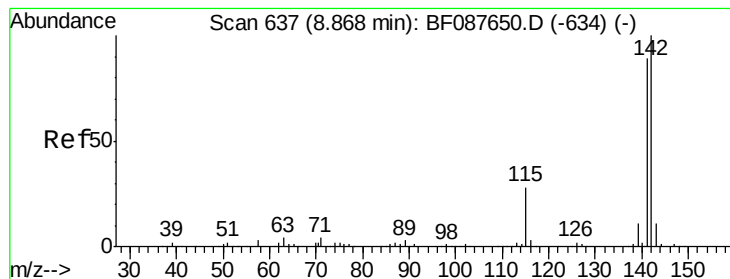
Acq: 6 Jun 2016 8:19

Tgt Ion:107 Resp: 232420  
Ion Ratio Lower Upper  
107 100  
144 26.8 20.8 31.2  
142 83.8 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

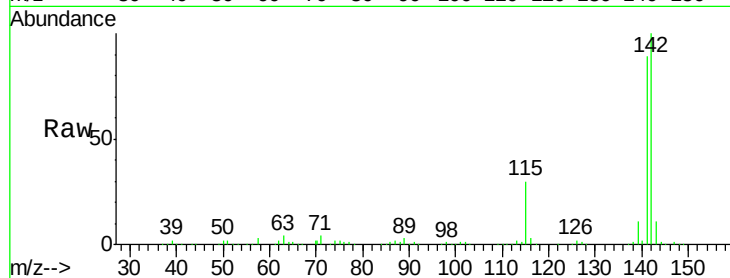




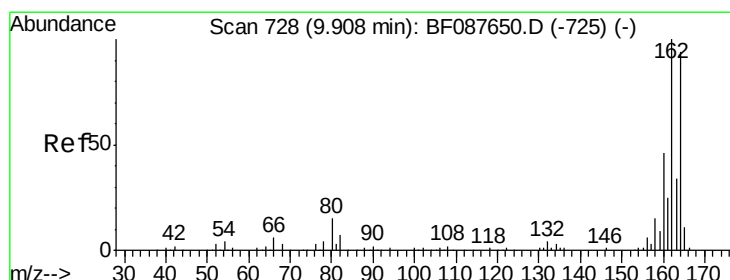
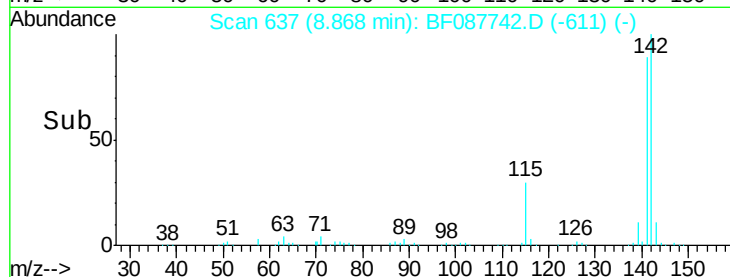
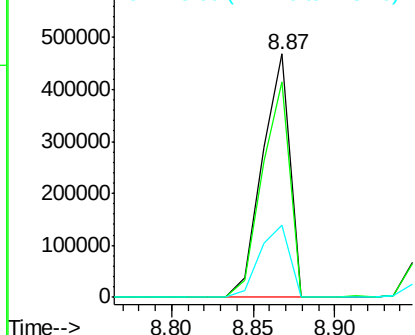
#37  
2-Methylnaphthalene  
Concen: 34.24 ng  
RT: 8.87 min Scan# 637  
Delta R.T. -0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:142 Resp: 547627  
Ion Ratio Lower Upper  
142 100  
141 88.6 71.0 106.6  
115 29.6 22.6 33.8

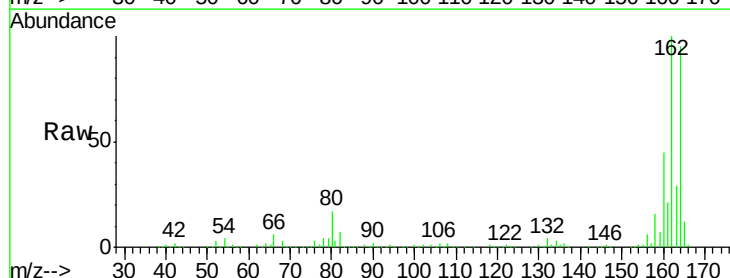


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

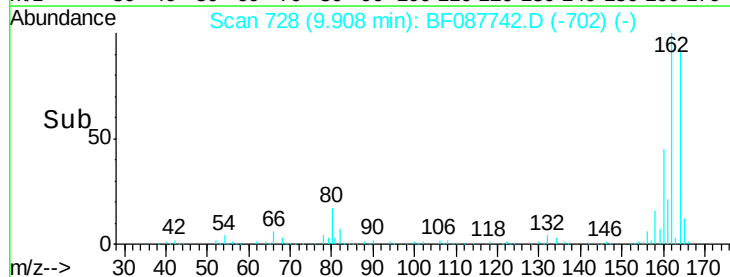
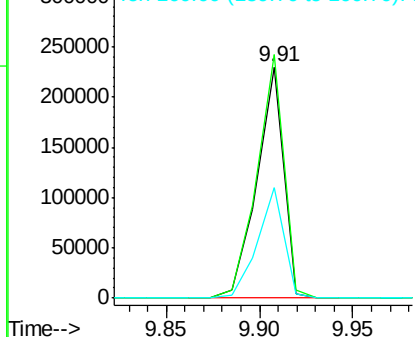


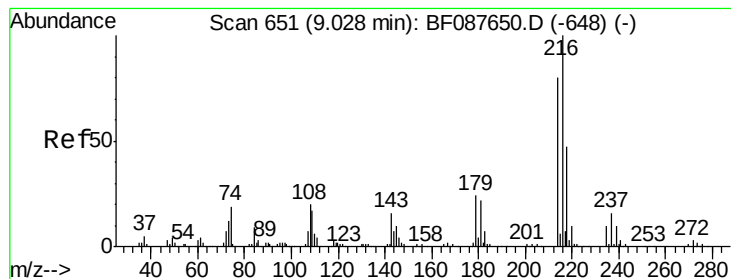
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.91 min Scan# 728  
Delta R.T. -0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Tgt Ion:164 Resp: 226829  
Ion Ratio Lower Upper  
164 100  
162 105.4 85.4 128.2  
160 47.6 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.80 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:216 Resp: 217528

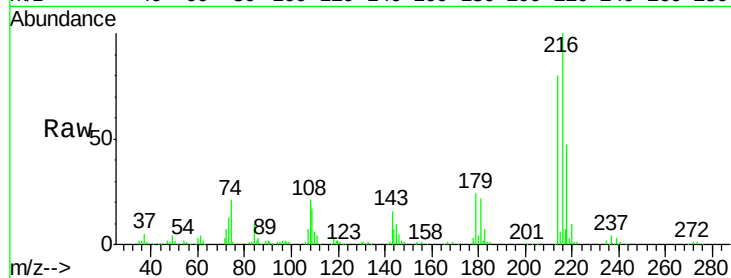
Ion Ratio Lower Upper

216 100

214 79.1 2.9 4.3#

179 22.9 0.0 0.0#

108 20.9 0.5 0.7#

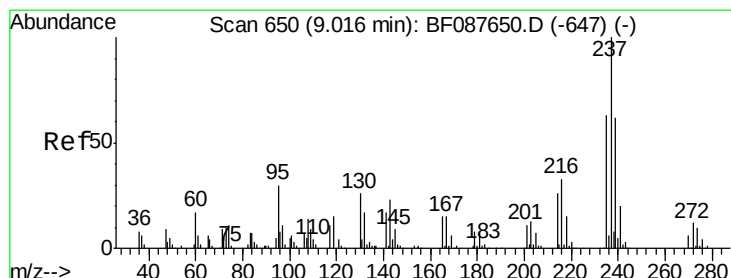
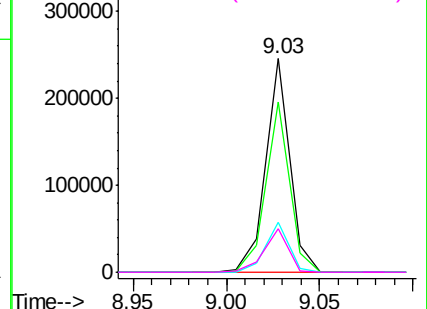
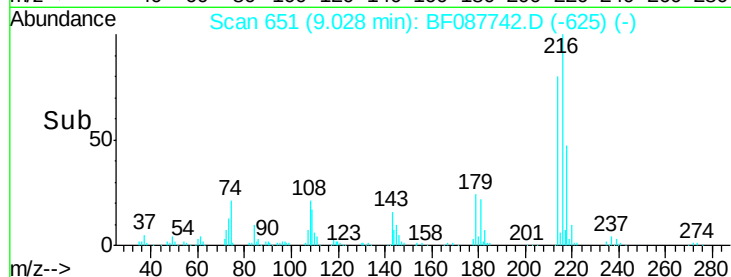


Abundance Ion 216.00 (215.70 to 216.70): E

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: 15.38 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

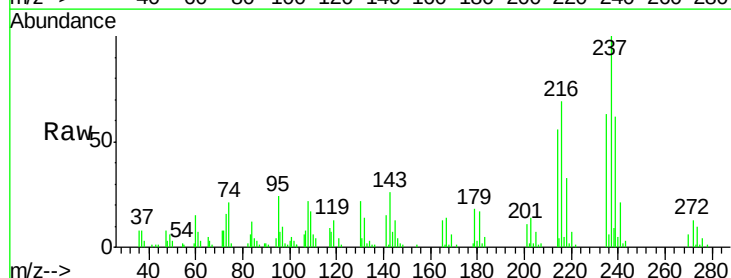
Tgt Ion:237 Resp: 56550

Ion Ratio Lower Upper

237 100

235 63.0 43.4 83.4

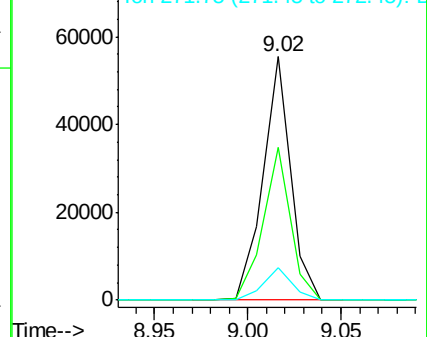
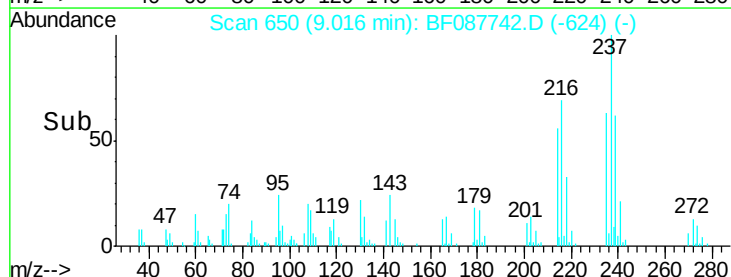
272 13.2 0.0 32.3

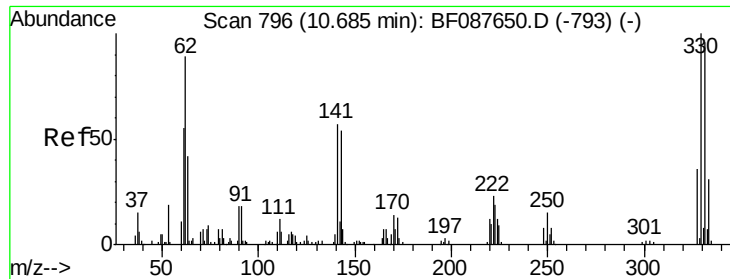


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

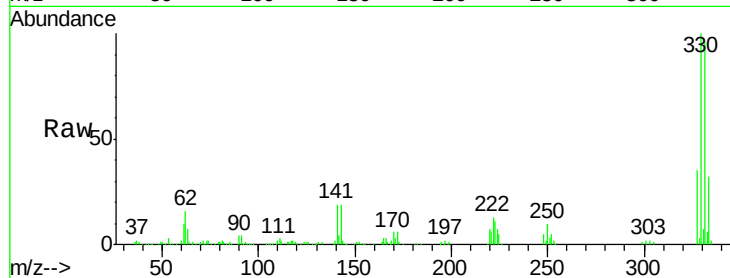




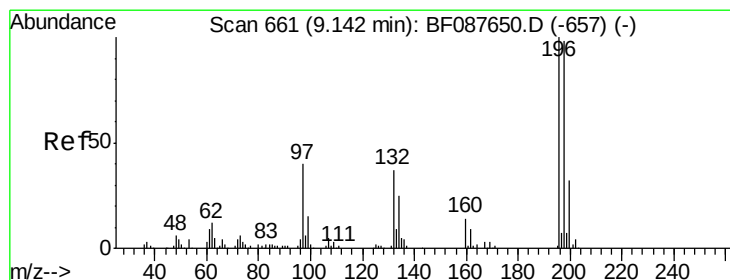
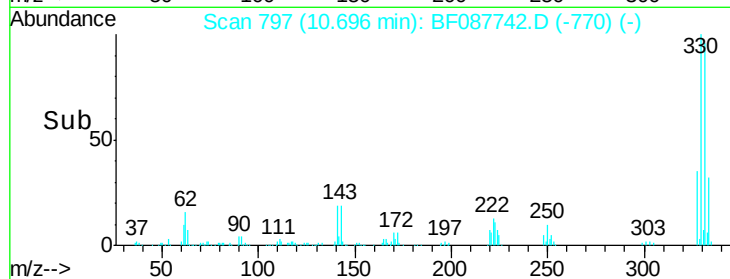
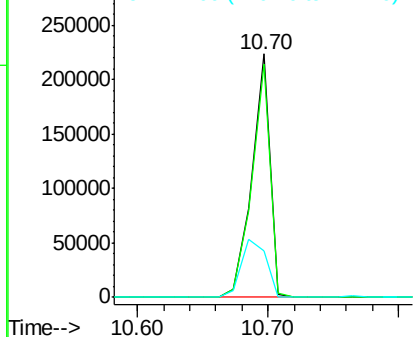
#41  
 2,4,6-Tribromophenol  
 Concen: 95.62 ng  
 RT: 10.70 min Scan# 797  
 Delta R.T. 0.01 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.3  | 0.0   | 0.0#  |
| 141     | 32.5  | 0.0   | 0.0#  |

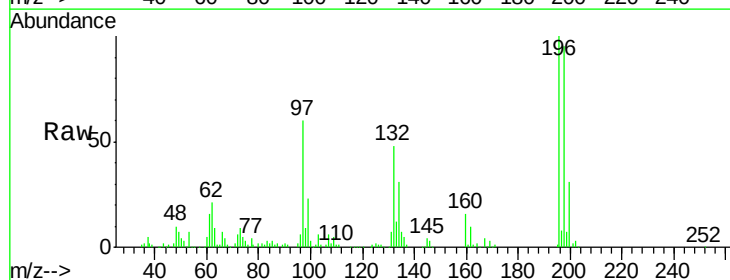


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

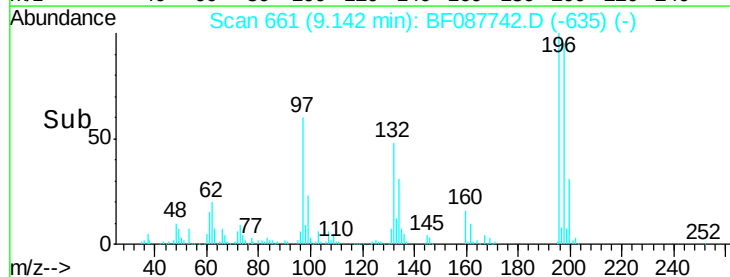
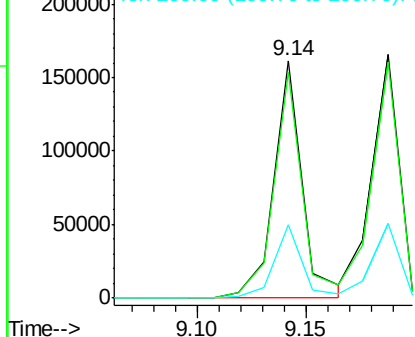


#42  
 2,4,6-Trichlorophenol  
 Concen: 31.51 ng  
 RT: 9.14 min Scan# 661  
 Delta R.T. 0.00 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

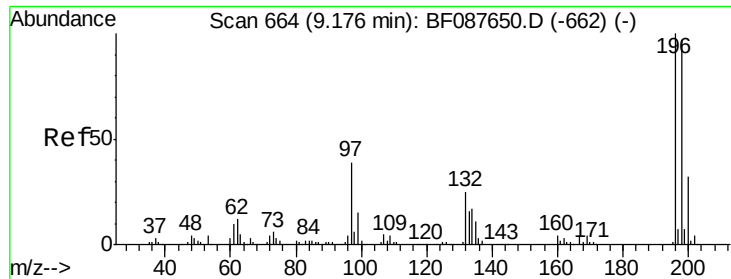
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.1  | 78.0  | 117.0 |
| 200     | 30.7  | 25.4  | 38.2  |



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



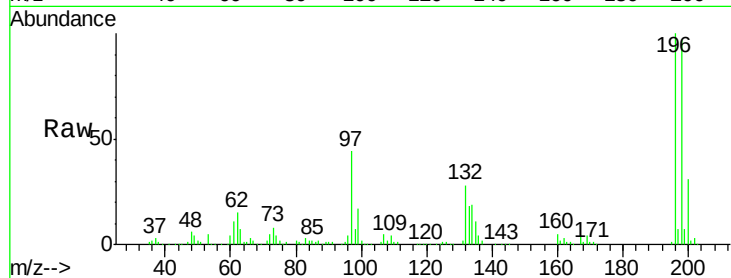




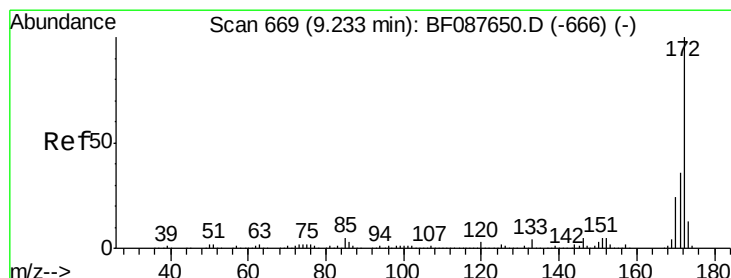
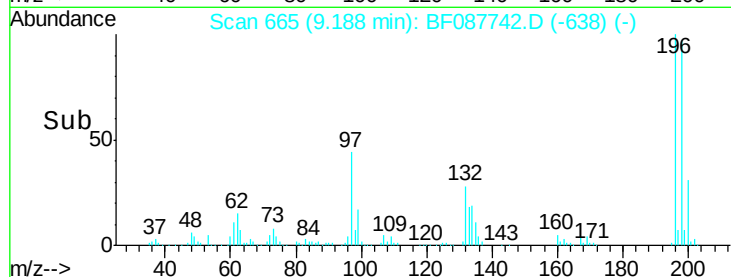
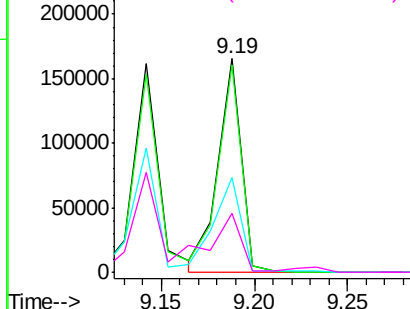
#43  
 2,4,5-Trichlorophenol  
 Concen: 32.88 ng  
 RT: 9.19 min Scan# 665  
 Delta R.T. 0.01 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:196 Resp: 144476  
 Ion Ratio Lower Upper  
 196 100  
 198 97.0 77.5 116.3  
 97 44.4 32.0 48.0  
 132 27.6 20.9 31.3

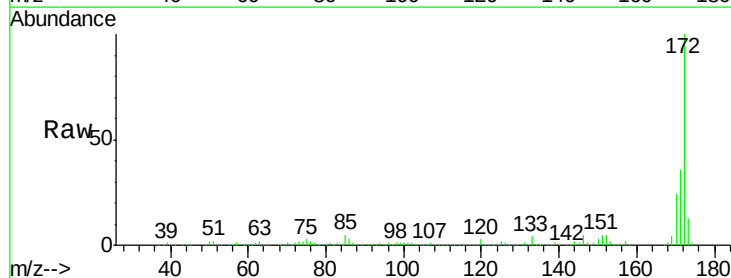


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

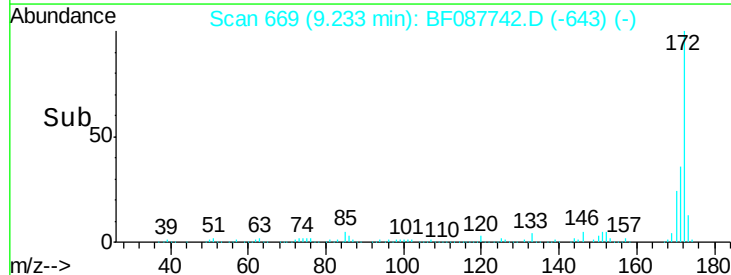
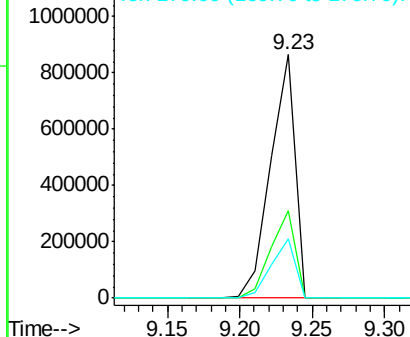


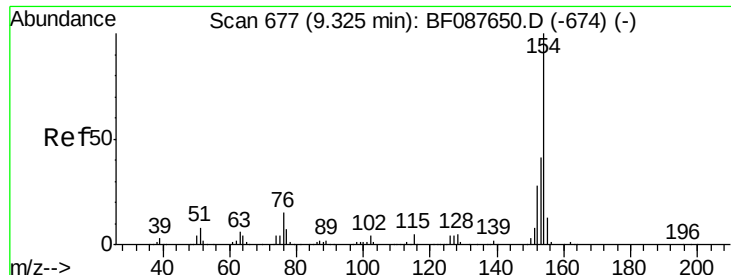
#44  
 2-Fluorobiphenyl  
 Concen: 63.24 ng  
 RT: 9.23 min Scan# 669  
 Delta R.T. 0.00 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

Tgt Ion:172 Resp: 1011917  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 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

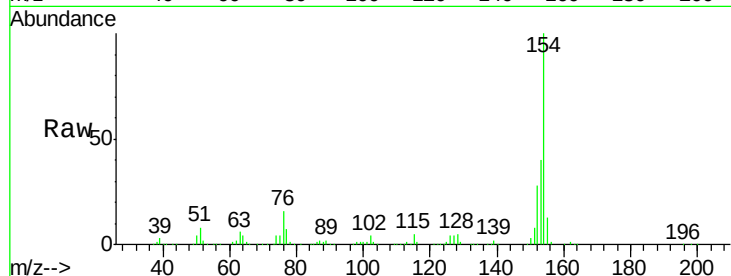




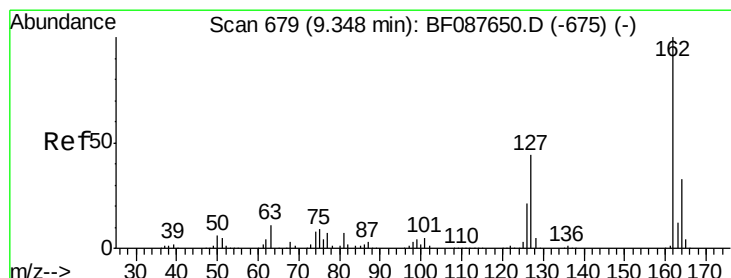
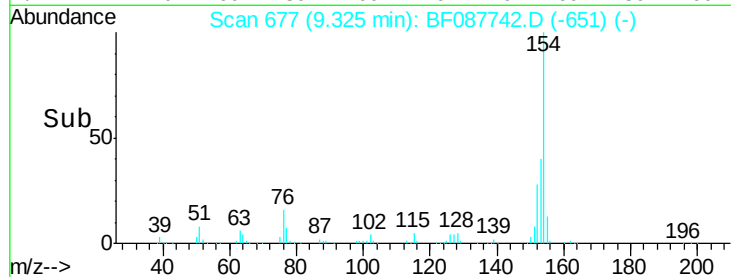
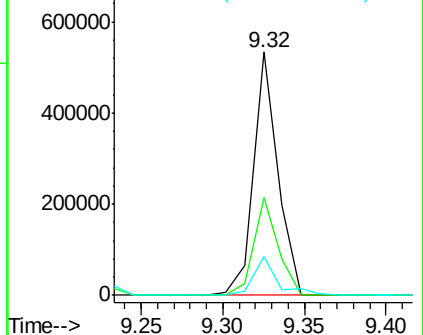
#45  
 1,1'-Biphenyl  
 Concen: 29.86 ng  
 RT: 9.32 min Scan# 677  
 Delta R.T. 0.00 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:154 Resp: 549669  
 Ion Ratio Lower Upper  
 154 100  
 153 40.2 20.6 60.6  
 76 15.7 0.0 35.1

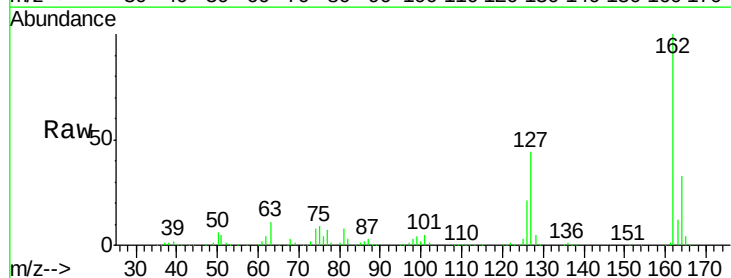


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

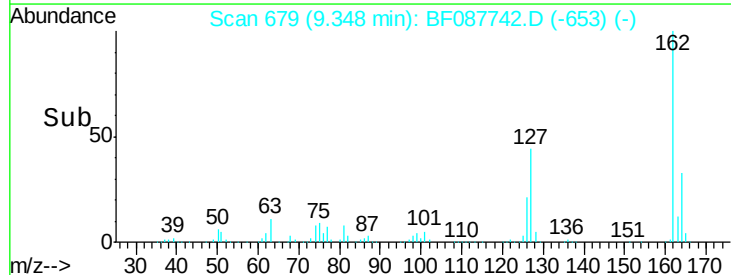
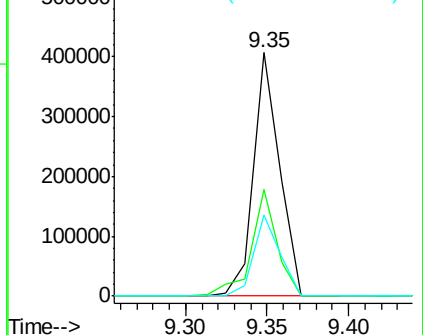


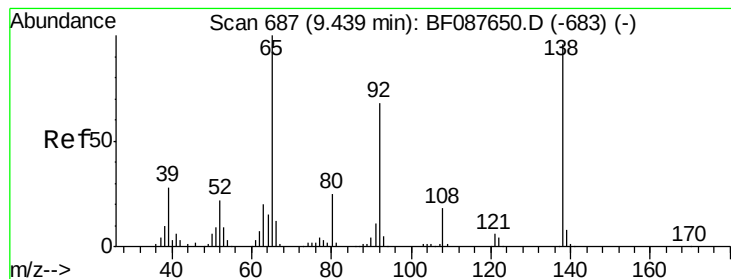
#46  
 2-Chloronaphthalene  
 Concen: 30.82 ng  
 RT: 9.35 min Scan# 679  
 Delta R.T. -0.00 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

Tgt Ion:162 Resp: 451572  
 Ion Ratio Lower Upper  
 162 100  
 127 44.1 35.2 52.8  
 164 33.0 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: 41.90 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampled :

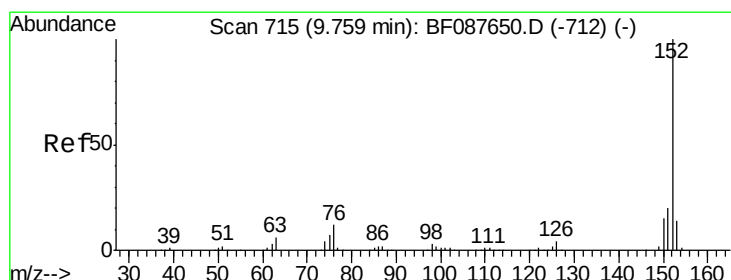
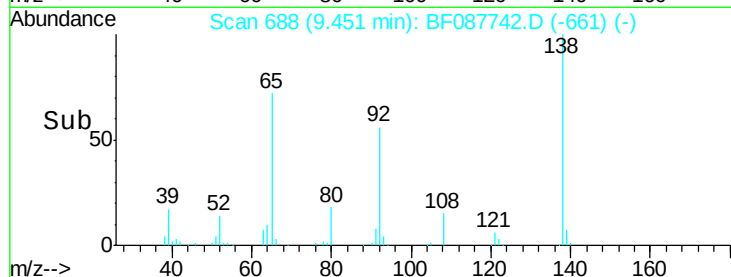
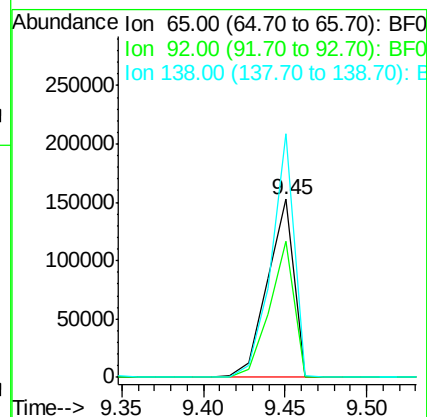
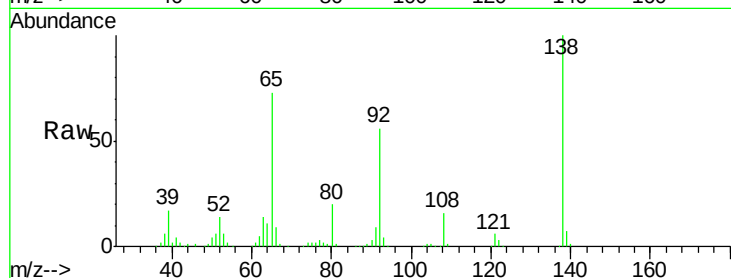
Tot Ion: 65 Resp: 172884

Ion Ratio Lower Upper

65 100

92 76.8 54.6 82.0

138 137.0 77.0 115.4#



#48

Acenaphthylene

Concen: 32.60 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

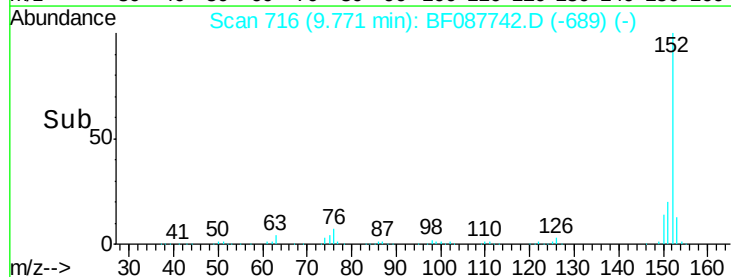
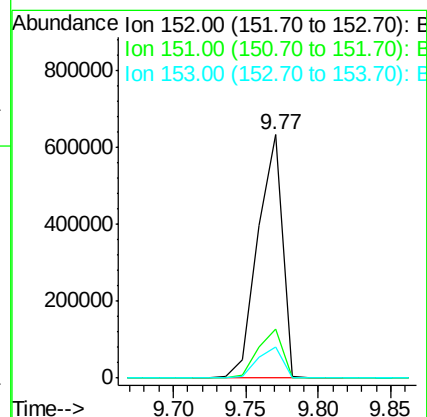
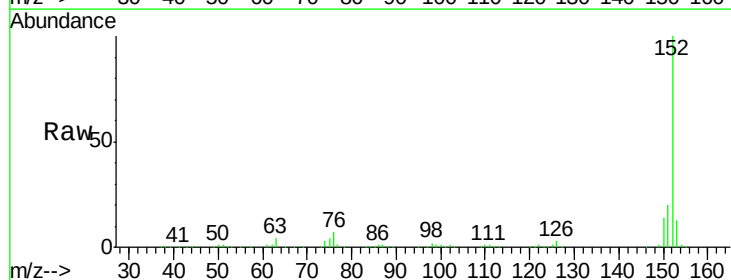
Tgt Ion: 152 Resp: 744967

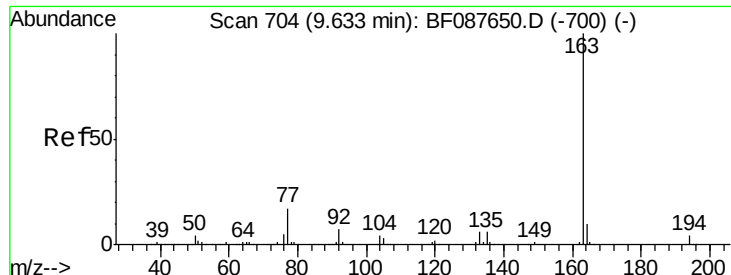
Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.0 11.0 16.6

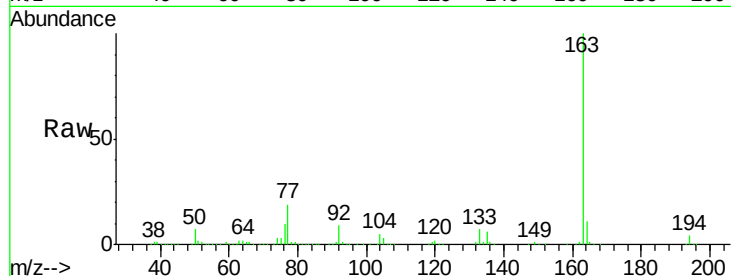




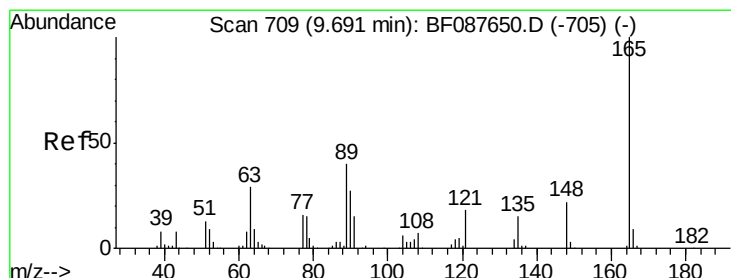
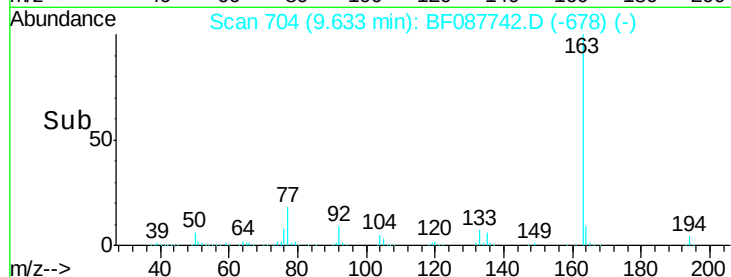
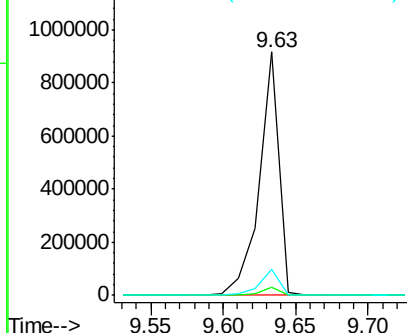
#49  
Dimethylphthalate  
Concen: 52.16 ng  
RT: 9.63 min Scan# 704  
Delta R.T. 0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:163 Resp: 860092  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.8 4.2  
164 10.5 8.3 12.5

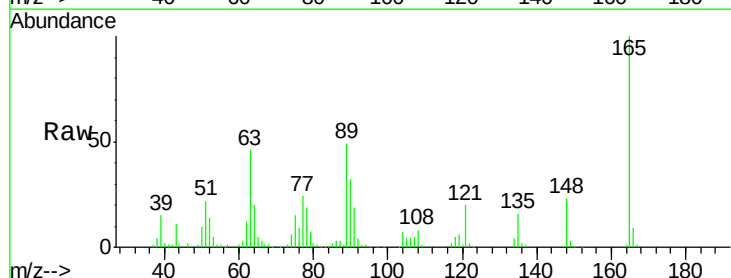


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

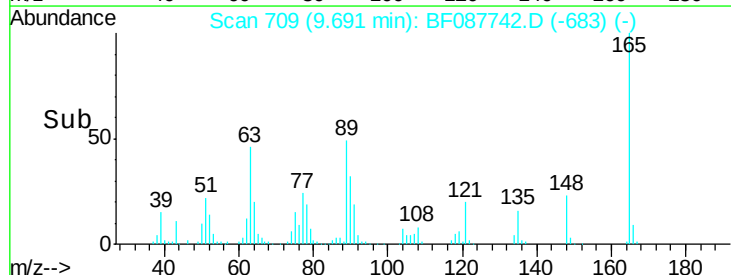
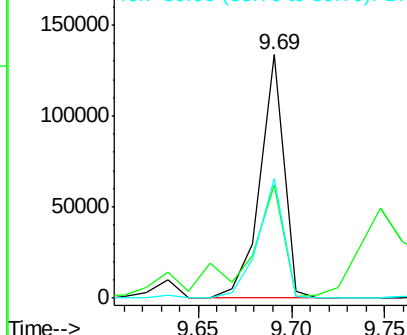


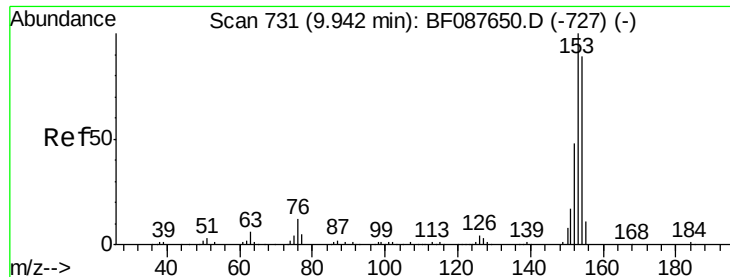
#50  
2,6-Dinitrotoluene  
Concen: 31.62 ng  
RT: 9.69 min Scan# 709  
Delta R.T. -0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Tgt Ion:165 Resp: 118629  
Ion Ratio Lower Upper  
165 100  
63 46.3 28.1 42.1#  
89 48.8 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: 30.96 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampleId :

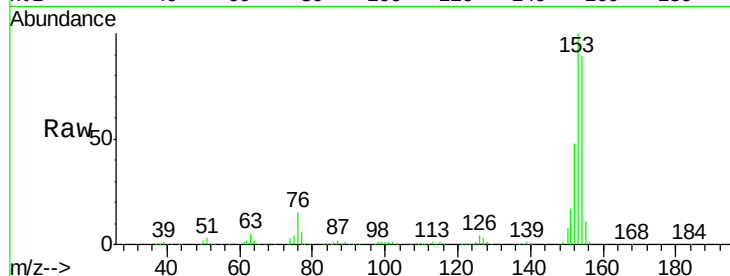
Tot Ion:154 Resp: 455178

Ion Ratio Lower Upper

154 100

153 113.0 89.5 134.3

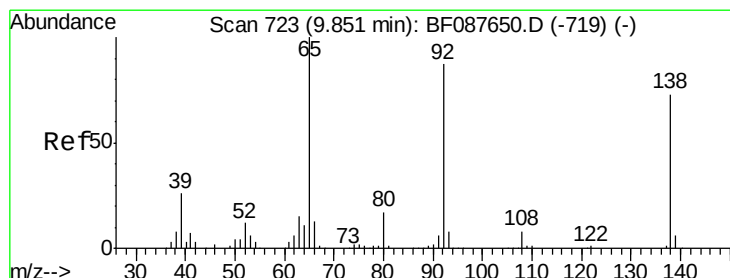
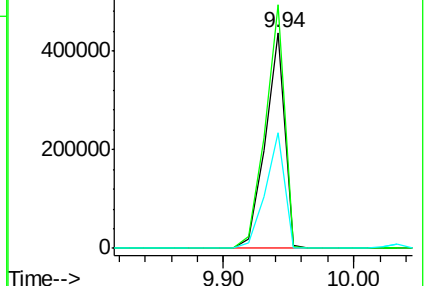
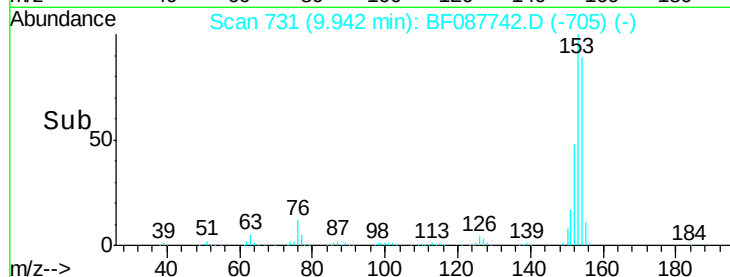
152 53.9 42.7 64.1



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: 33.13 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

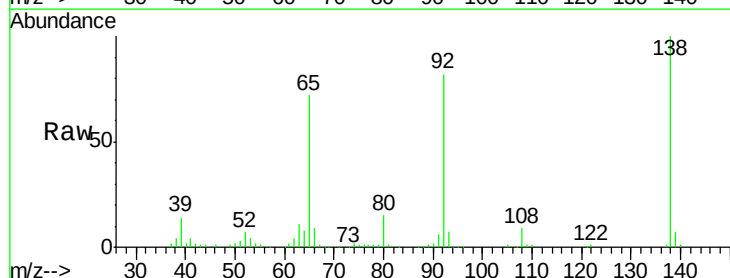
Tgt Ion:138 Resp: 142192

Ion Ratio Lower Upper

138 100

108 8.6 8.5 12.7

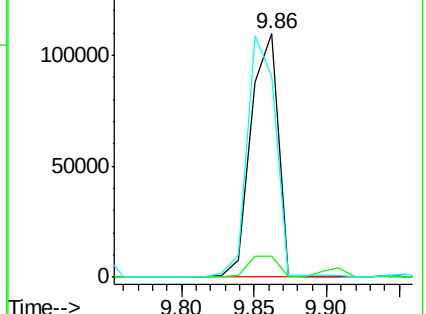
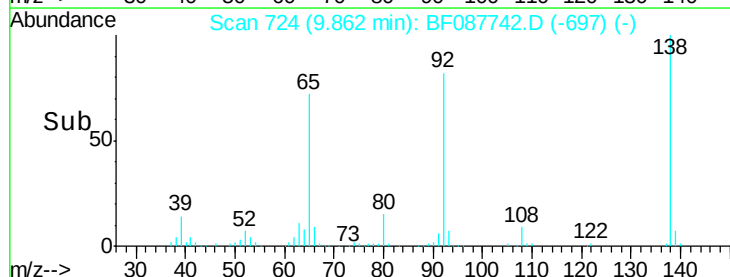
92 82.5 95.7 143.5#

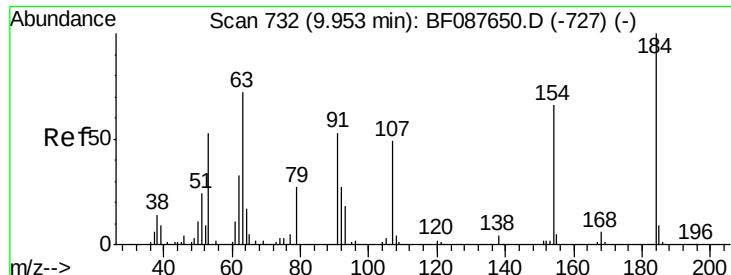


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

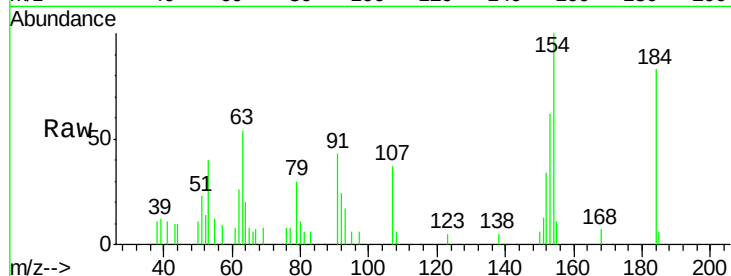




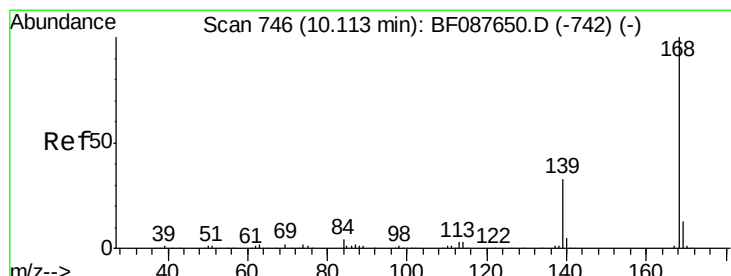
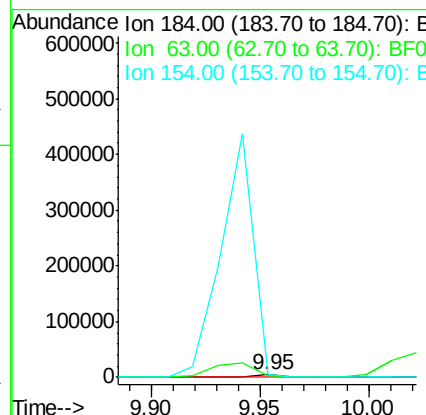
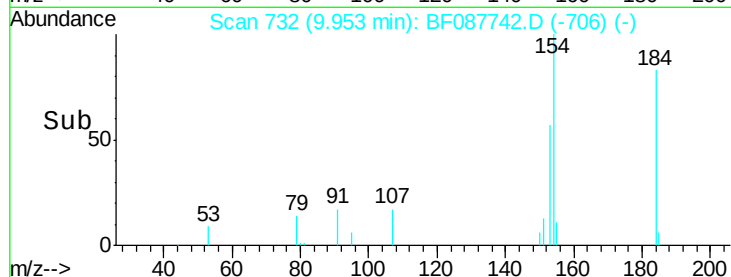
#53  
2,4-Dinitrophenol  
Concen: 6.51 na  
RT: 9.95 min Scan# 732  
Delta R.T. 0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:184 Resp: 4705  
Ion Ratio Lower Upper  
184 100  
63 65.2 57.6 86.4  
154 120.0 53.5 80.3#

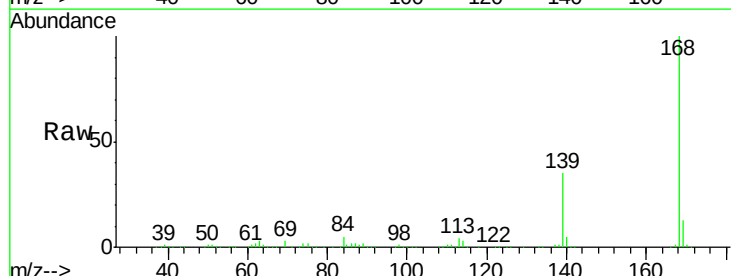


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

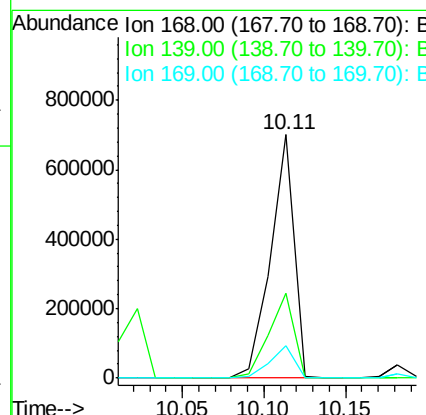
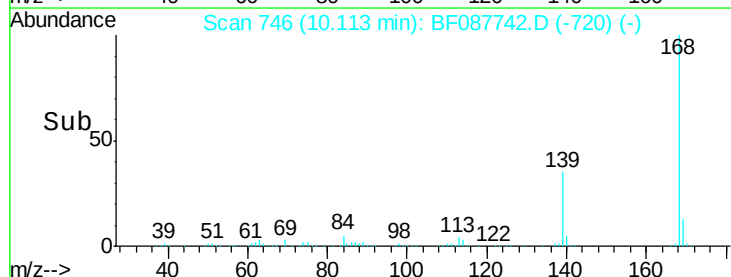


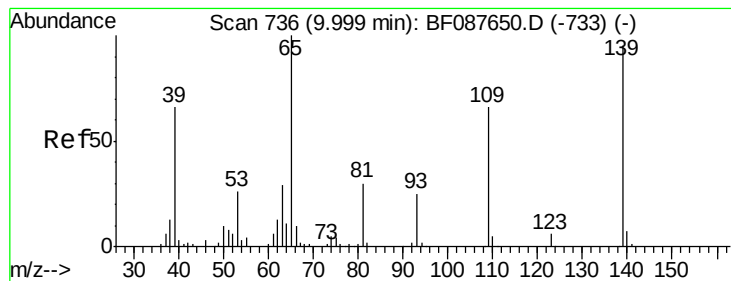
#54  
Dibenzofuran  
Concen: 35.23 ng  
RT: 10.11 min Scan# 746  
Delta R.T. 0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Tgt Ion:168 Resp: 705273  
Ion Ratio Lower Upper  
168 100  
139 35.0 26.4 39.6  
169 13.4 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: 60.23 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.02 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampleId :

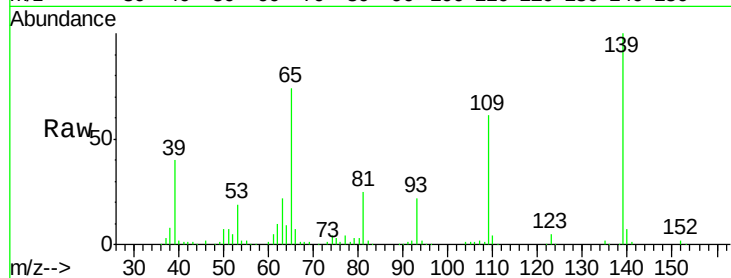
Tot Ion:139 Resp: 220921

Ion Ratio Lower Upper

139 100

109 60.8 48.9 88.9

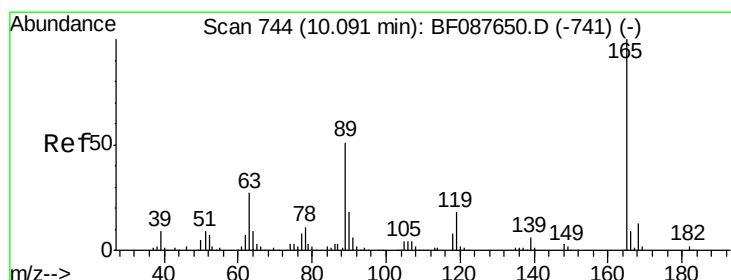
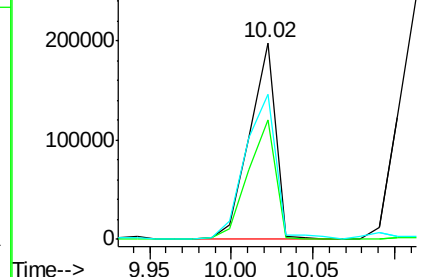
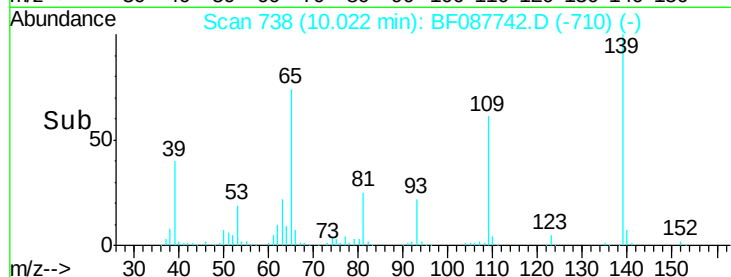
65 73.8 84.9 124.9#



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: 32.60 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion:165 Resp: 155731

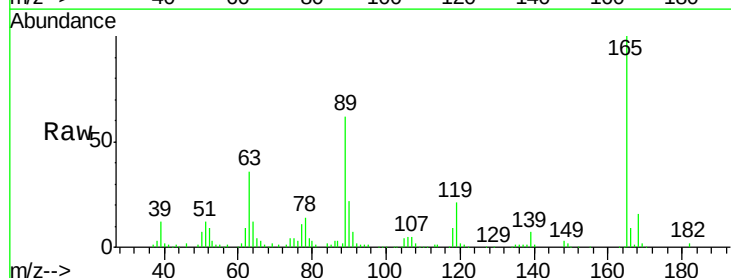
Ion Ratio Lower Upper

165 100

63 35.6 22.0 33.0#

89 61.6 41.1 61.7

182 2.3 2.0 3.0

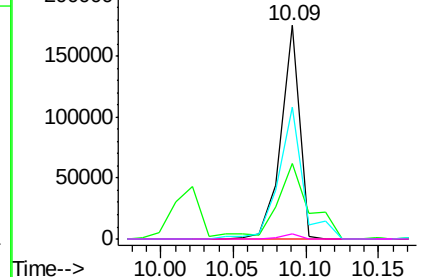
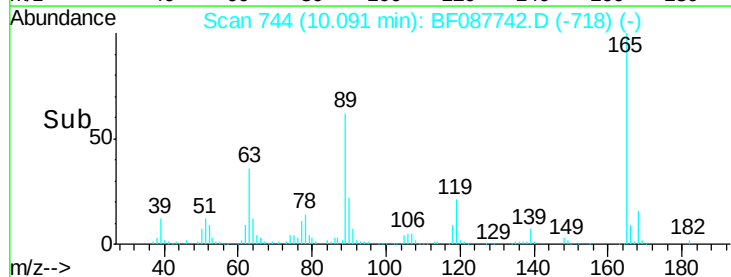


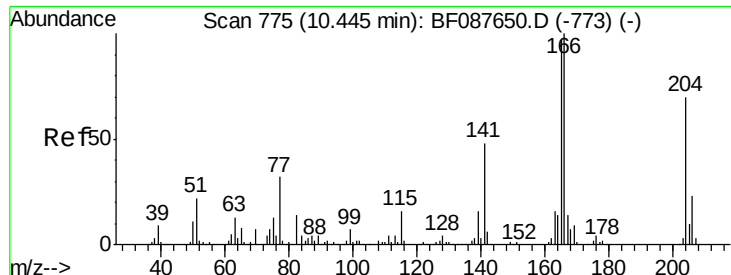
Abundance Ion 165.00 (164.70 to 165.70): E

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: 32.79 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampleId :

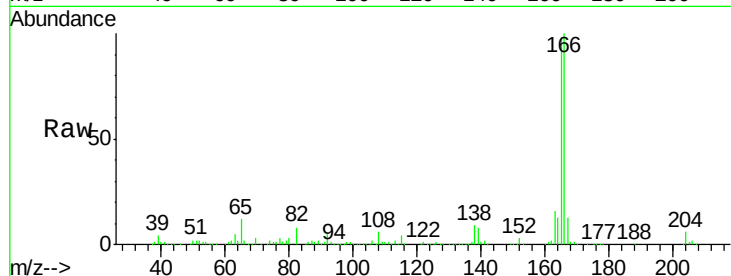
Tot Ion:166 Resp: 513146

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.8

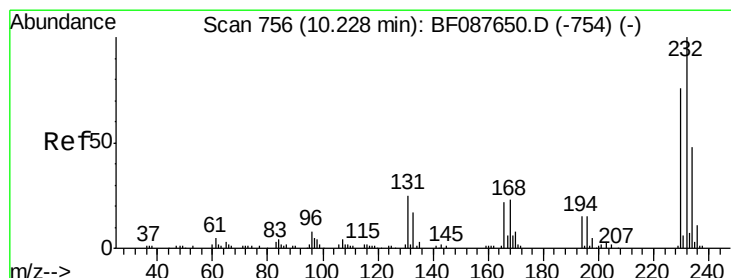
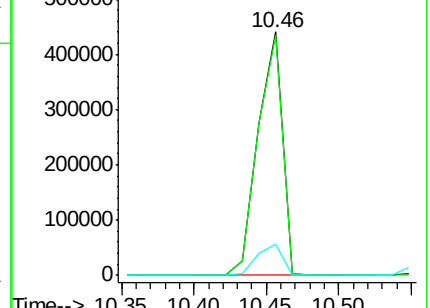
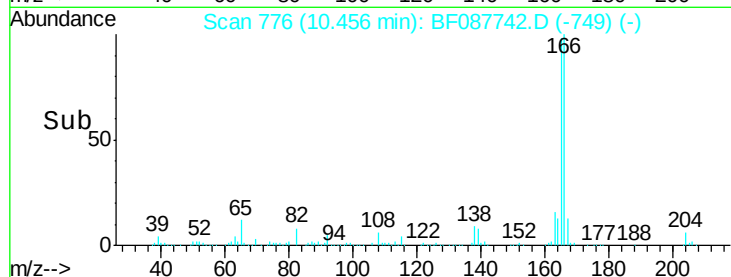
167 13.0 11.2 16.8



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: 30.77 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion:232 Resp: 116457

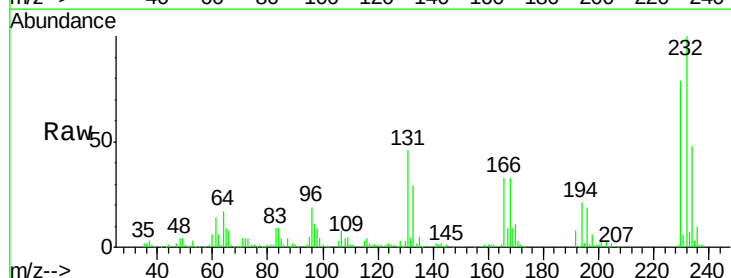
Ion Ratio Lower Upper

232 100

131 50.3 0.9 1.3#

130 0.0 1.5 2.3#

166 34.1 0.5 0.7#

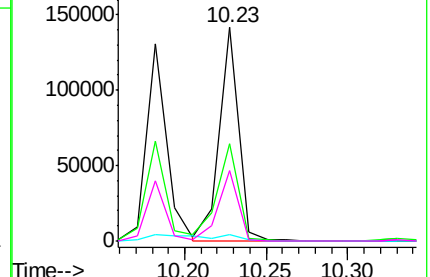
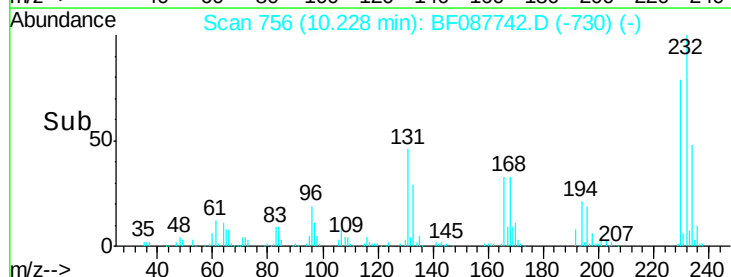


Abundance Ion 232.00 (231.70 to 232.70): E

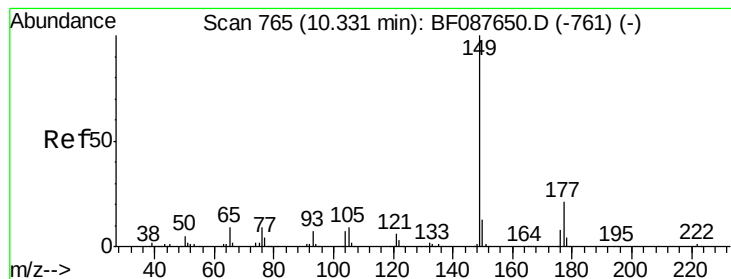
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E







#59

Diethylphthalate

Concen: 36.18 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampled :

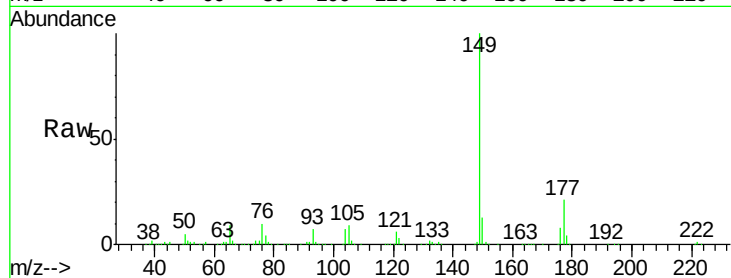
Tot Ion:149 Resp: 599122

Ion Ratio Lower Upper

149 100

177 21.0 16.9 25.3

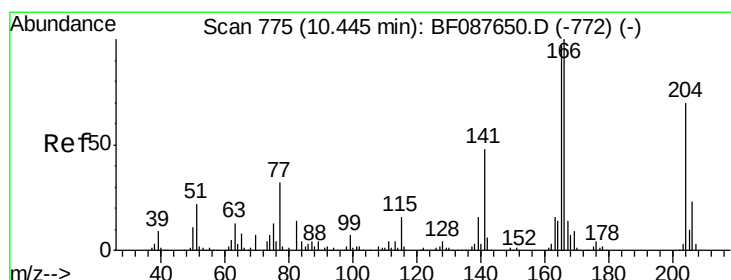
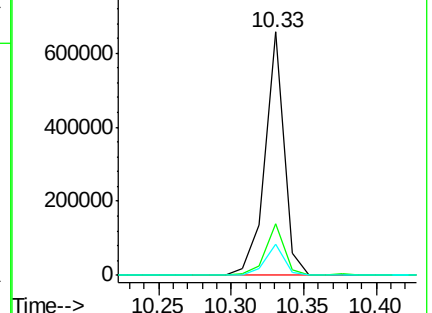
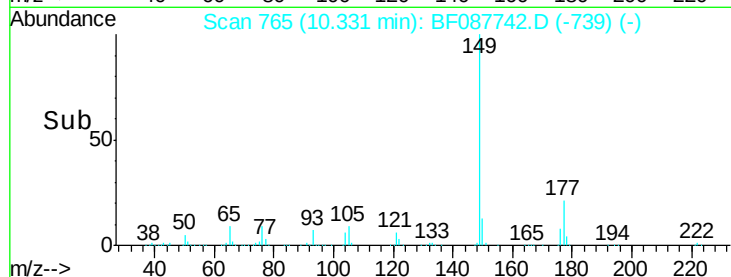
150 12.8 10.1 15.1



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: 32.16 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

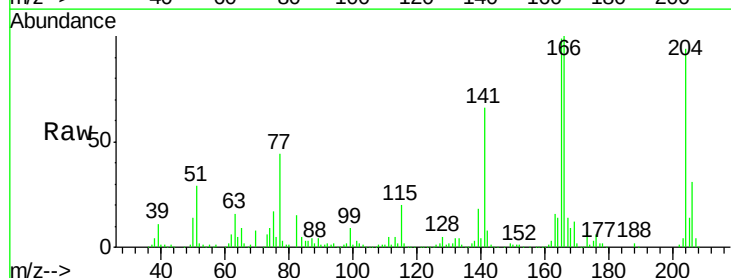
Tgt Ion:204 Resp: 216728

Ion Ratio Lower Upper

204 100

206 32.7 26.3 39.5

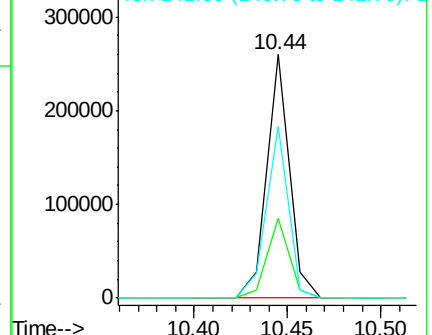
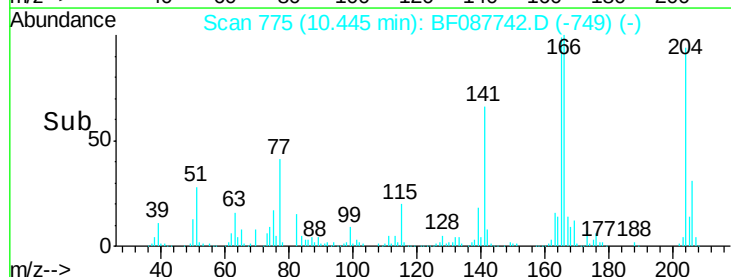
141 70.5 55.0 82.6

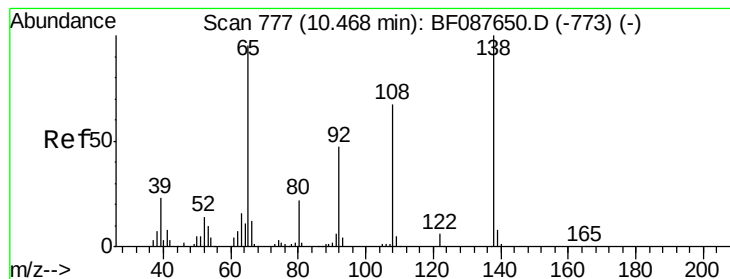


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.24 ng

RT: 10.47 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampleId :

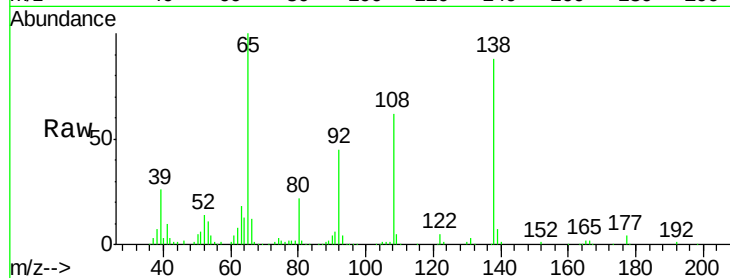
Tot Ion:138 Resp: 137147

Ion Ratio Lower Upper

138 100

92 51.0 27.3 67.3

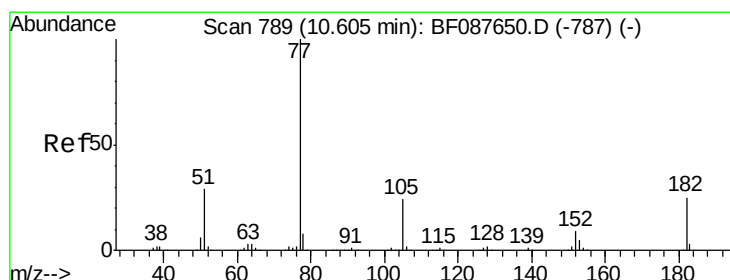
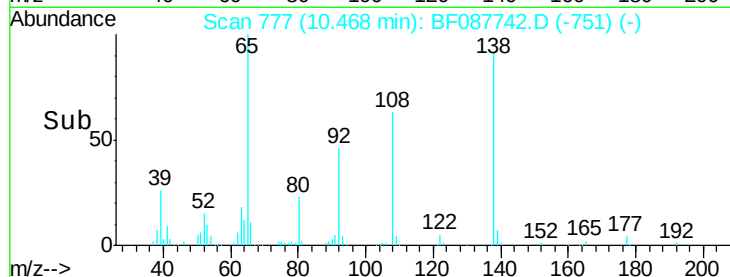
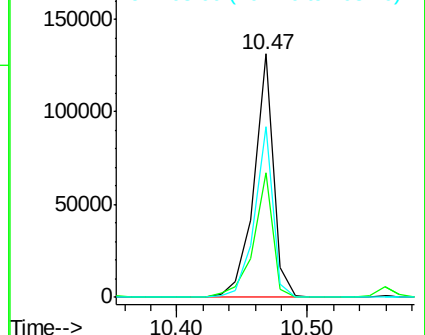
108 70.1 46.7 86.7



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: 35.91 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion: 77 Resp: 598587

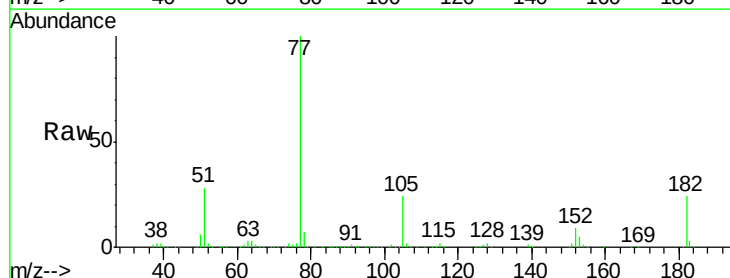
Ion Ratio Lower Upper

77 100

182 24.3 4.4 44.4

105 23.9 3.8 43.8

51 27.6 9.3 49.3

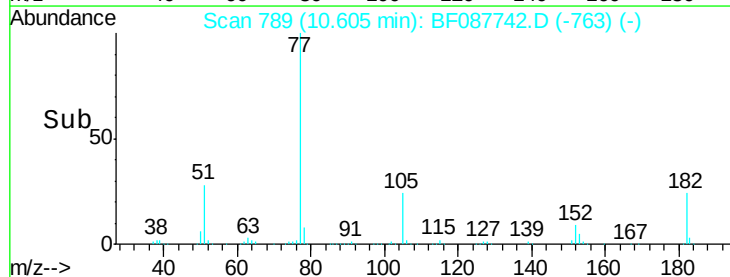
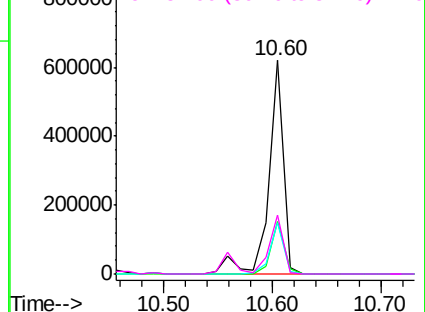


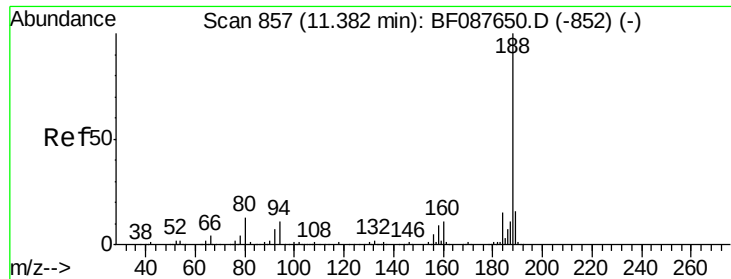
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

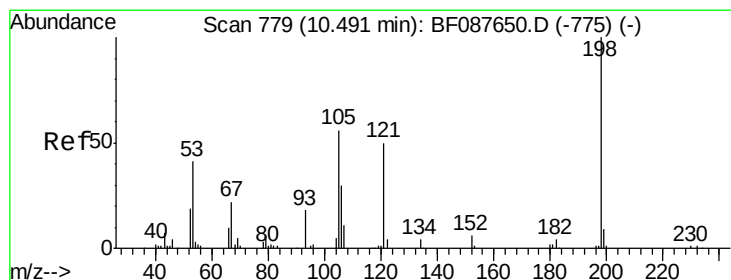
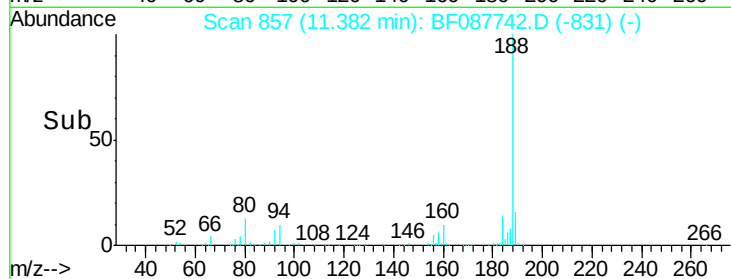
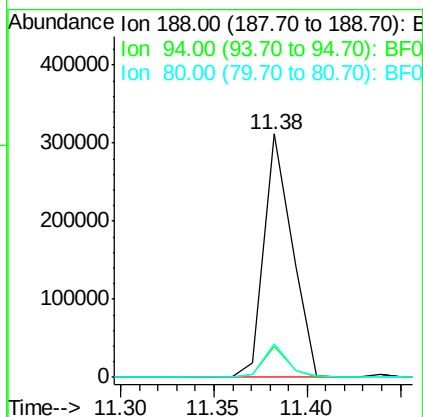
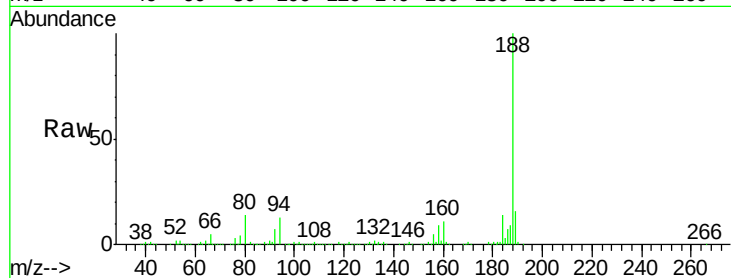




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.38 min Scan# 857  
Delta R.T. -0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

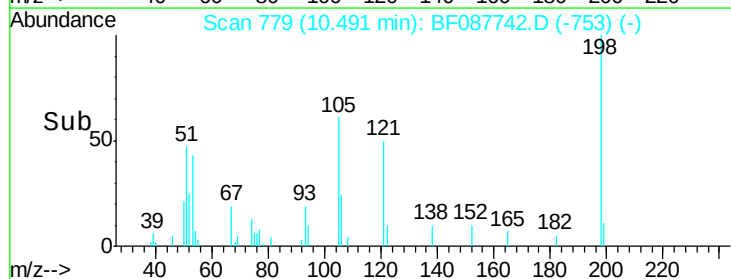
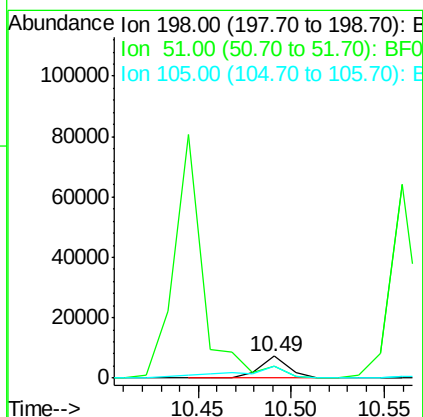
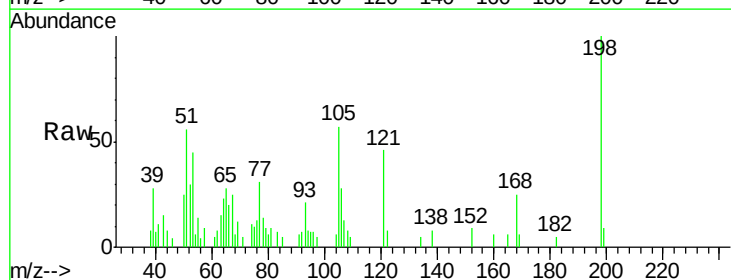
Instrument :  
BNA\_F  
ClientSampleId :

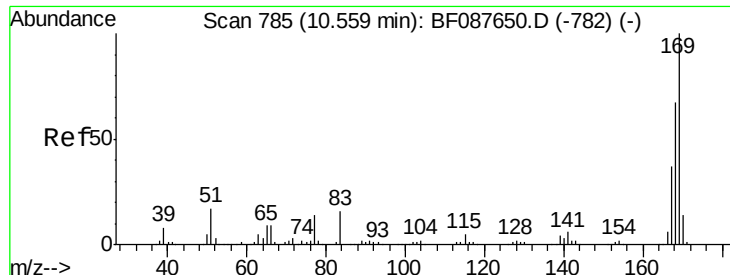
Tot Ion:188 Resp: 326392  
Ion Ratio Lower Upper  
188 100  
94 12.6 9.0 13.6  
80 13.7 10.0 15.0



#64  
4,6-Dinitro-2-methylphenol  
Concen: 6.15 ng  
RT: 10.49 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Tgt Ion:198 Resp: 7824  
Ion Ratio Lower Upper  
198 100  
51 56.0 39.6 79.6  
105 57.2 36.6 76.6

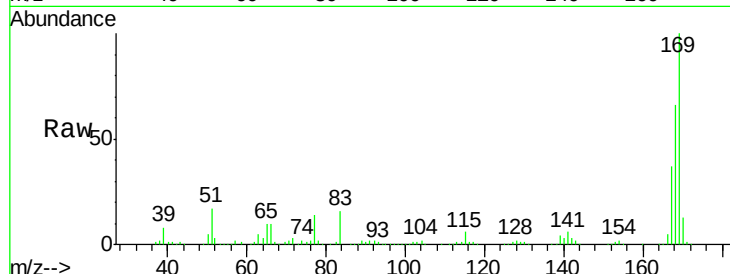




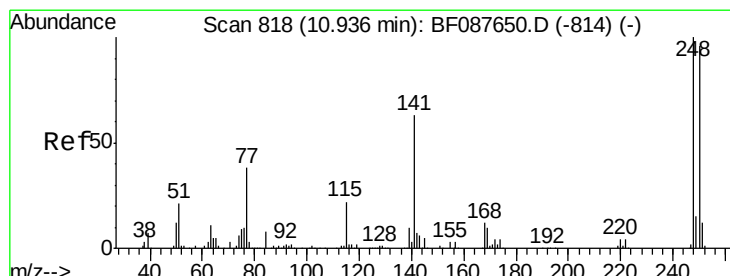
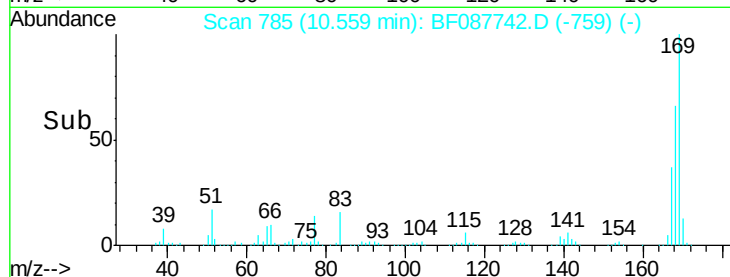
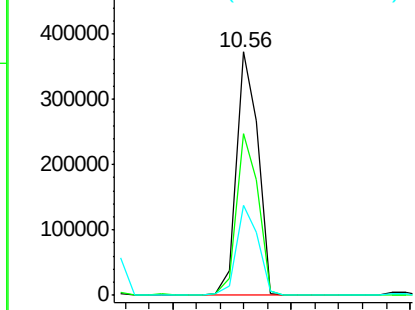
#65  
 n-Nitrosodiphenylamine  
 Concen: 43.97 ng  
 RT: 10.56 min Scan# 785  
 Delta R.T. 0.00 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:169 Resp: 470044  
 Ion Ratio Lower Upper  
 169 100  
 168 66.4 53.4 80.0  
 167 36.7 29.4 44.0

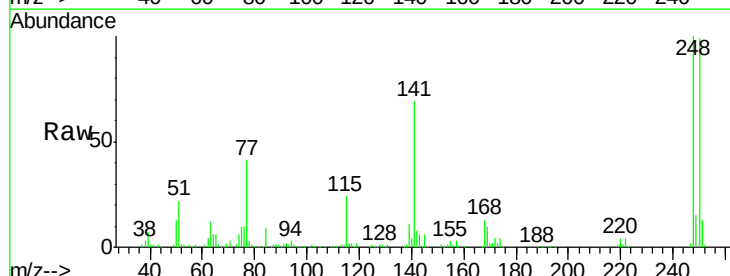


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

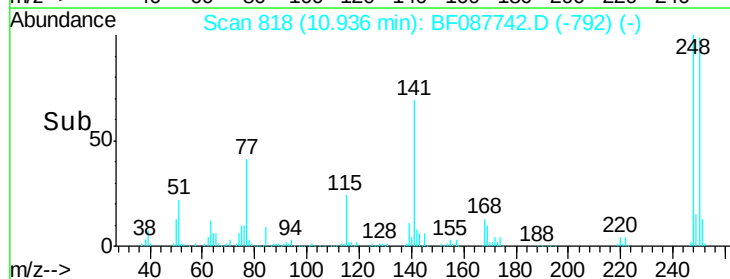
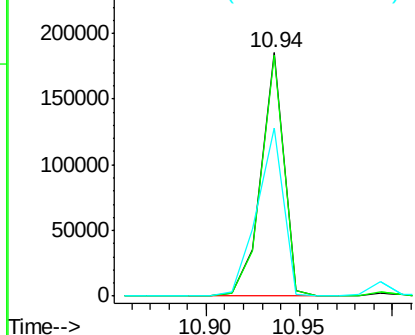


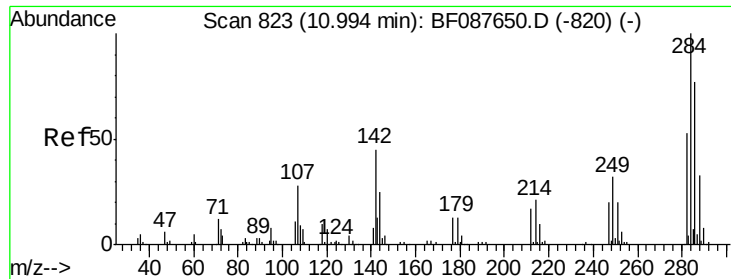
#66  
 4-Bromophenyl-phenylether  
 Concen: 48.08 ng  
 RT: 10.94 min Scan# 818  
 Delta R.T. 0.00 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

Tgt Ion:248 Resp: 155596  
 Ion Ratio Lower Upper  
 248 100  
 250 98.8 77.1 115.7  
 141 68.9 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

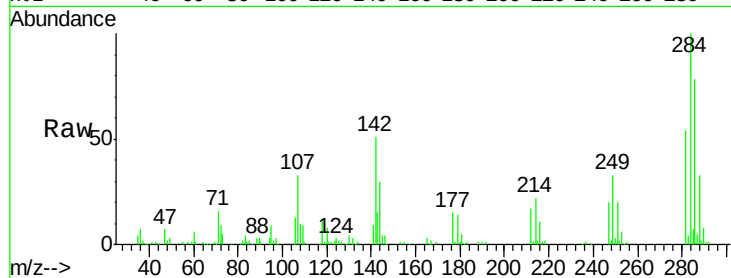




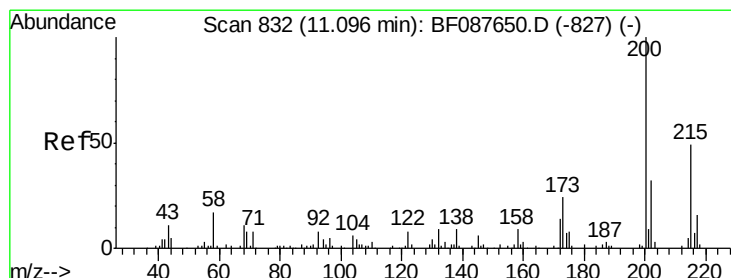
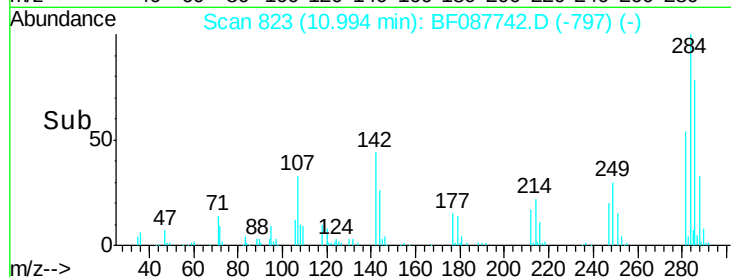
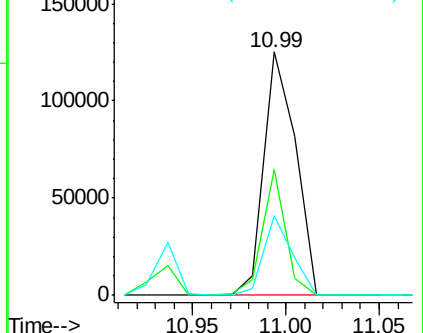
#67  
Hexachlorobenzene  
Concen: 41.23 ng  
RT: 10.99 min Scan# 823  
Delta R.T. 0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 51.5  | 35.8  | 53.8  |
| 249     | 32.9  | 25.8  | 38.6  |

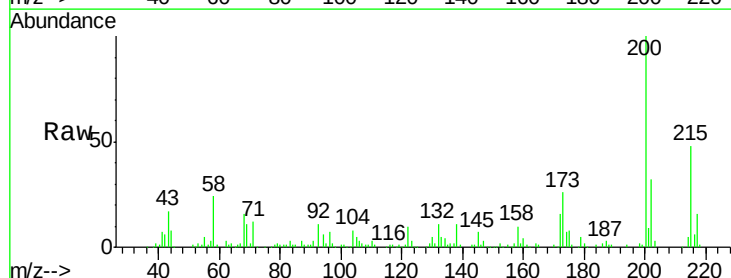


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

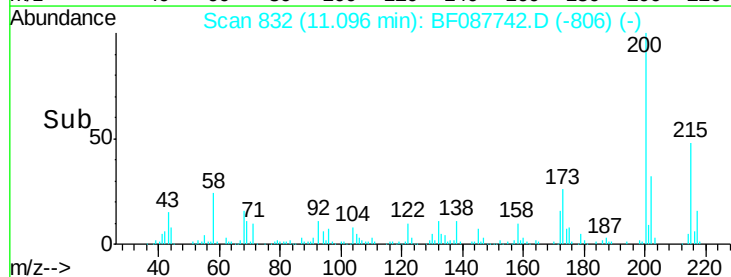
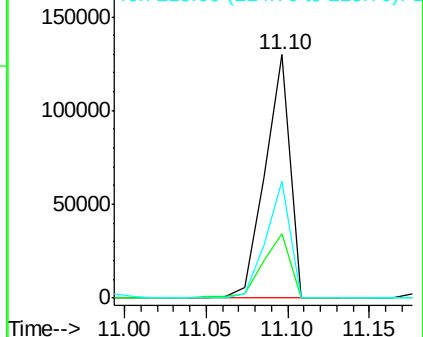


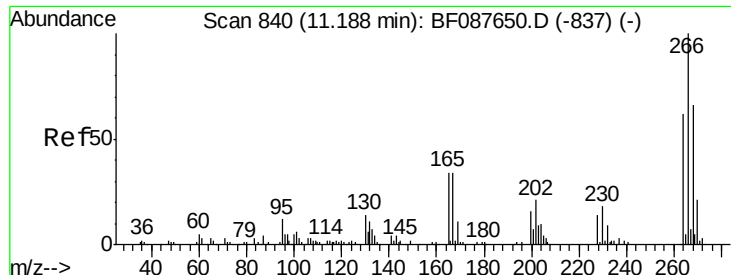
#68  
Atrazine  
Concen: 43.47 ng  
RT: 11.10 min Scan# 832  
Delta R.T. 0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.4  | 4.0   | 44.0  |
| 215     | 48.0  | 29.3  | 69.3  |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

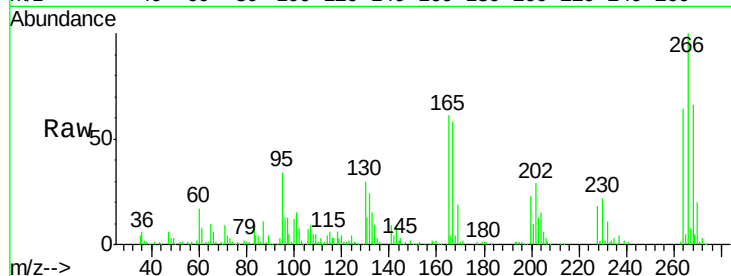




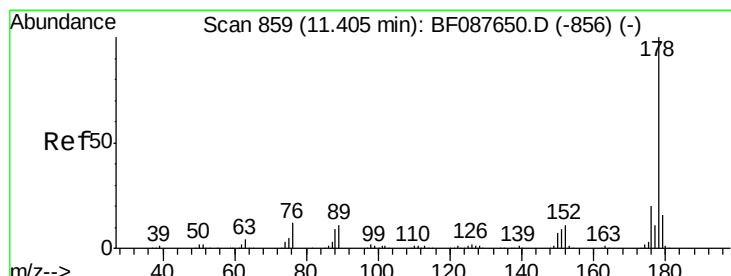
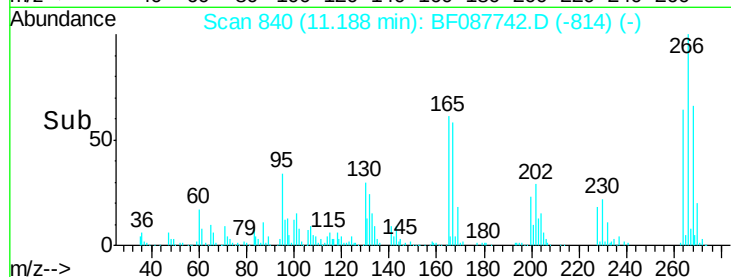
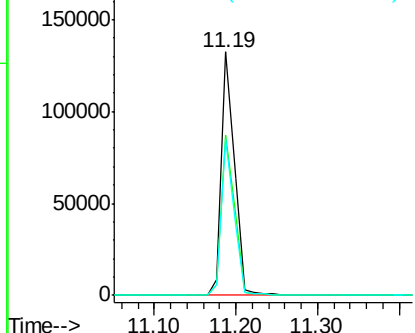
#69  
 Pentachlorophenol  
 Concen: 67.97 ng  
 RT: 11.19 min Scan# 840  
 Delta R.T. 0.00 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:266 Resp: 146176  
 Ion Ratio Lower Upper  
 266 100  
 268 65.9 52.8 79.2  
 264 64.4 49.6 74.4

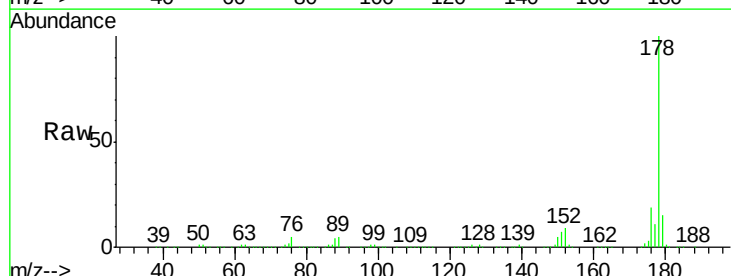


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

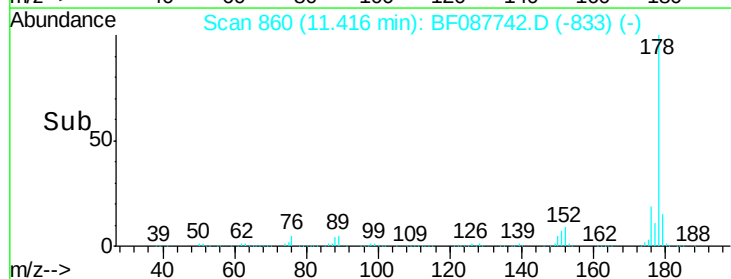
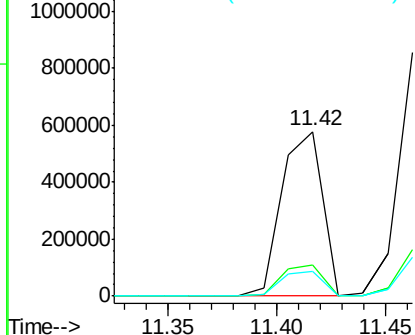


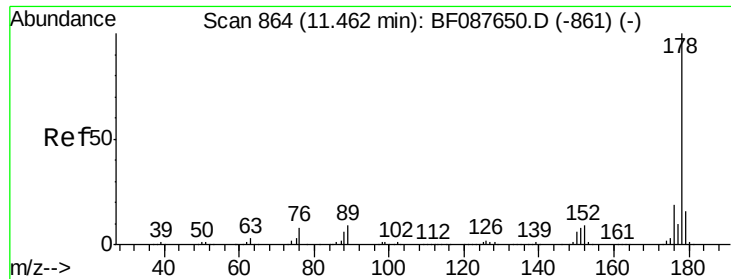
#70  
 Phenanthrene  
 Concen: 42.94 ng  
 RT: 11.42 min Scan# 860  
 Delta R.T. 0.01 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

Tgt Ion:178 Resp: 759920  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 15.8 23.6  
 179 15.2 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: 41.49 ng

RT: 11.46 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampled :

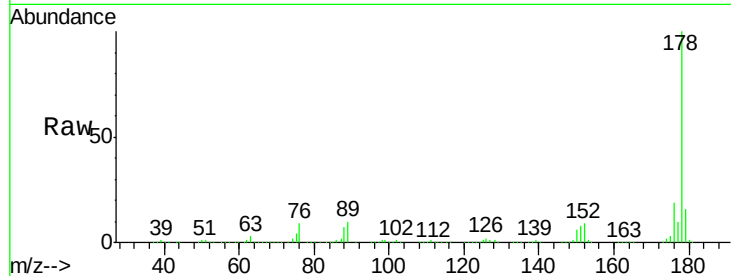
Tot Ion:178 Resp: 735650

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

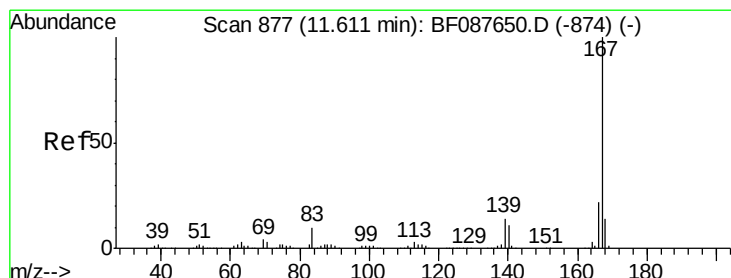
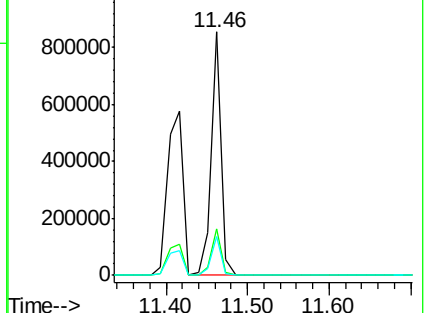
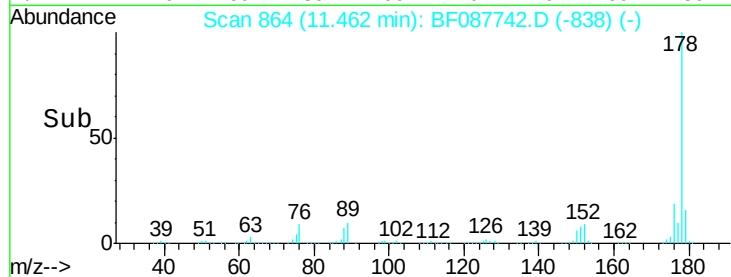
179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.02 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

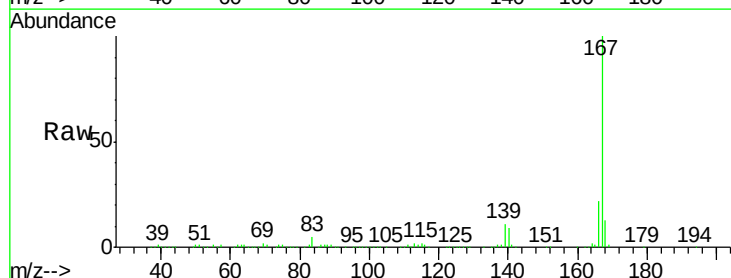
Tgt Ion:167 Resp: 722132

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.6

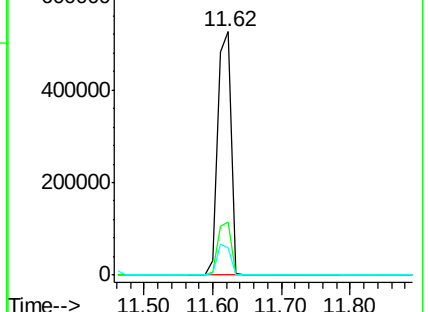
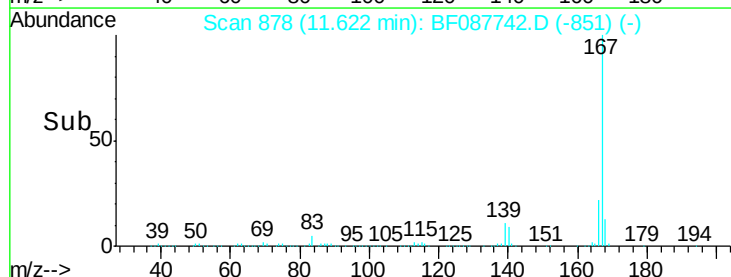
139 11.2 11.2 16.8#

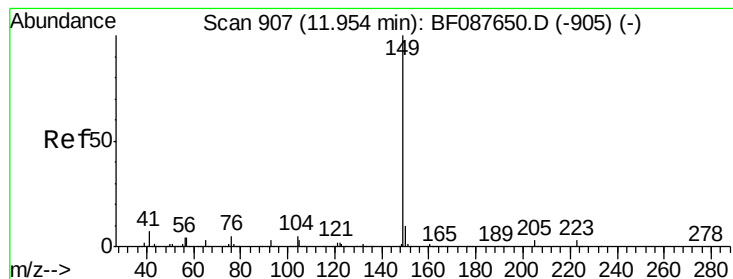


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.90 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampleId :

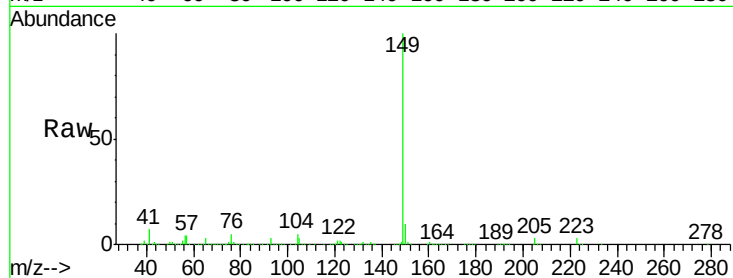
Tot Ion:149 Resp: 879936

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

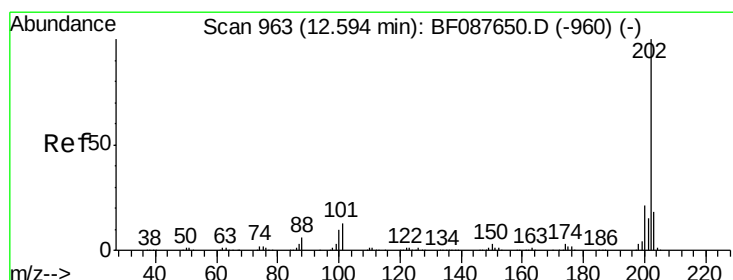
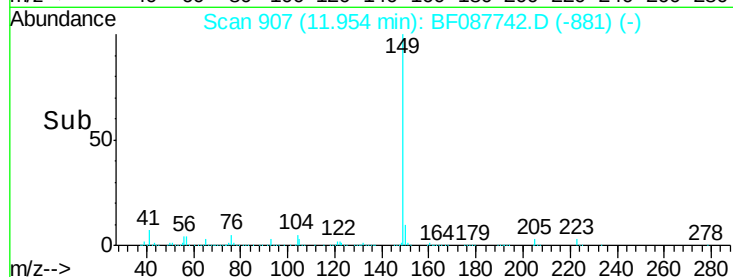
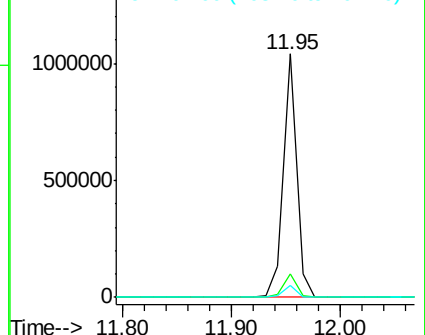
104 5.1 4.0 6.0



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: 44.98 ng

RT: 12.61 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

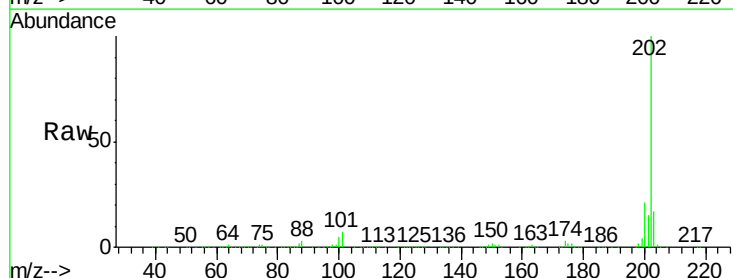
Tgt Ion:202 Resp: 783310

Ion Ratio Lower Upper

202 100

101 6.8 0.0 33.1

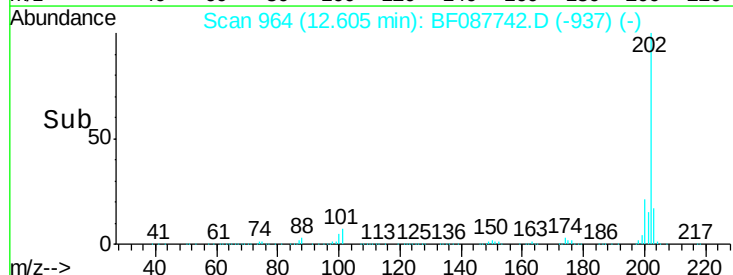
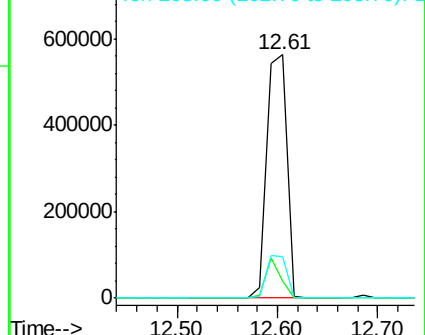
203 17.3 0.0 38.1



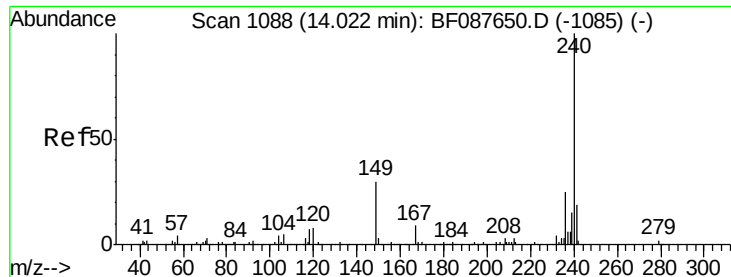
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E







#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampleId :

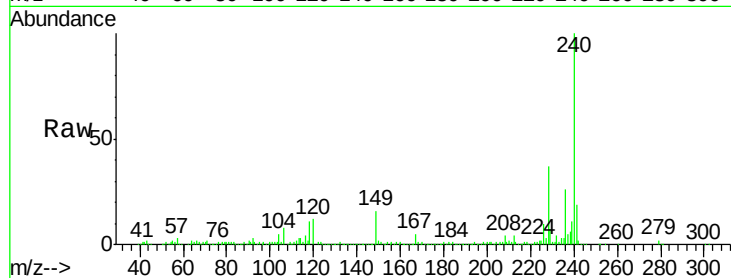
Tot Ion:240 Resp: 263658

Ion Ratio Lower Upper

240 100

120 12.3 6.8 10.2#

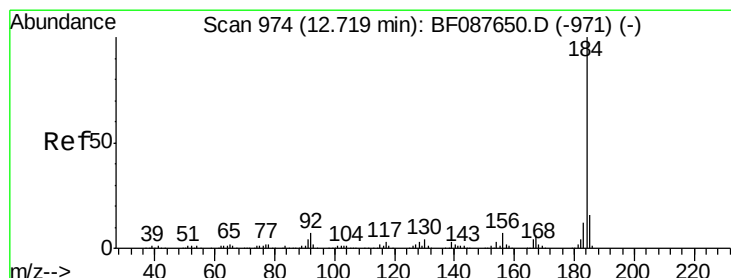
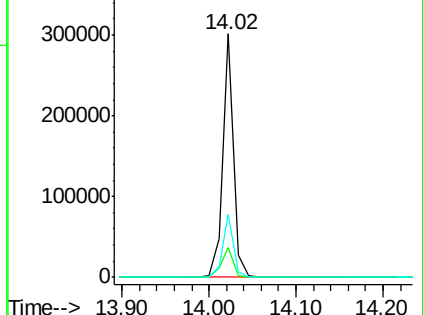
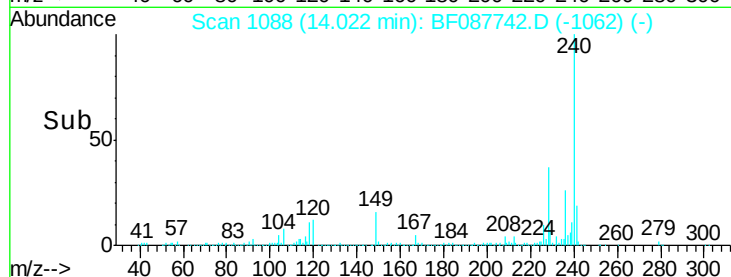
236 25.9 20.2 30.2



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: 18.08 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

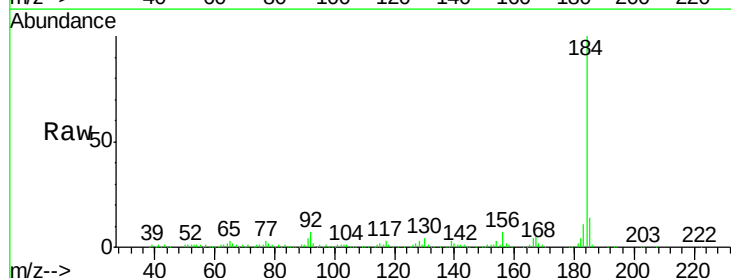
Tgt Ion:184 Resp: 187923

Ion Ratio Lower Upper

184 100

185 14.2 12.5 18.7

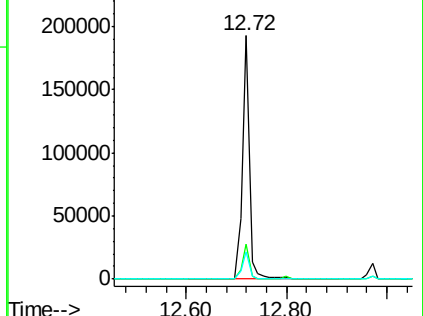
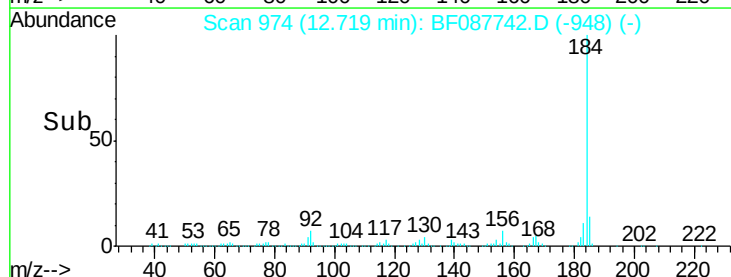
183 11.5 9.3 13.9

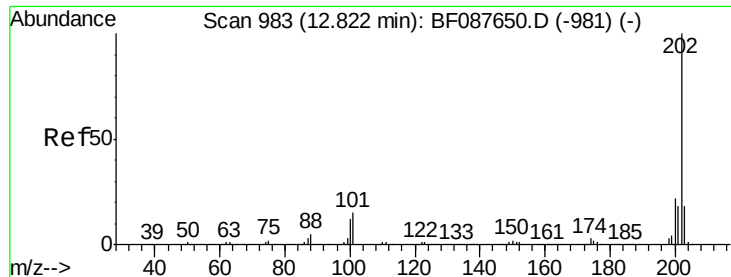


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

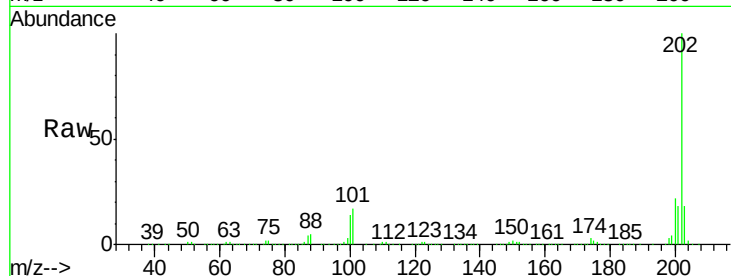




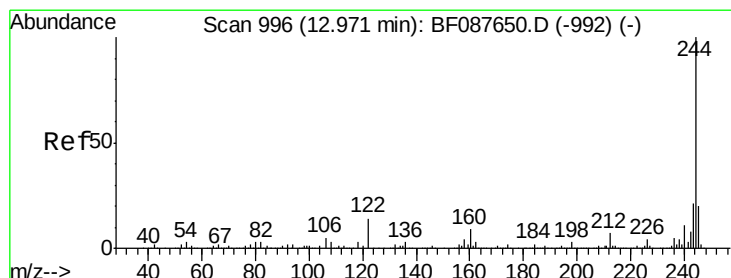
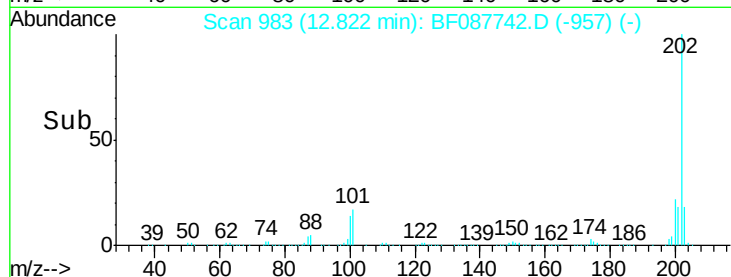
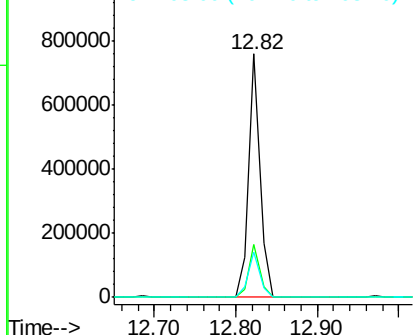
#77  
Pvrene  
Concen: 38.75 ng  
RT: 12.82 min Scan# 983  
Delta R.T. 0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.8  | 17.4  | 26.2  |
| 203     | 18.4  | 14.5  | 21.7  |

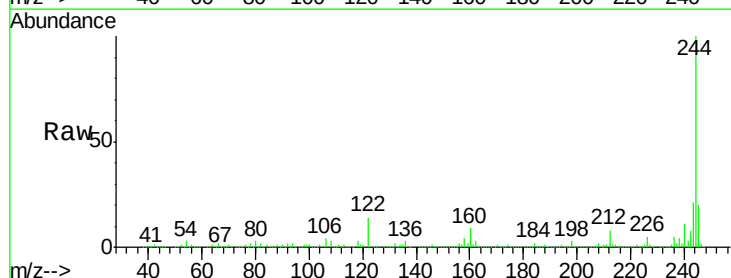


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

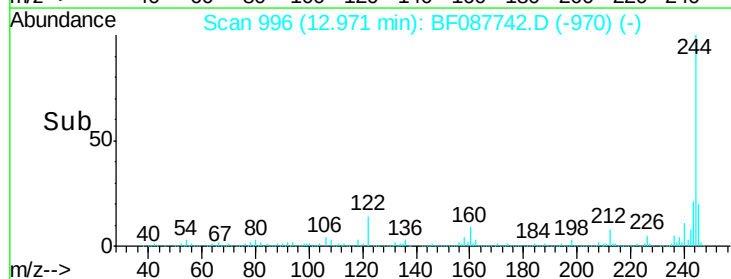
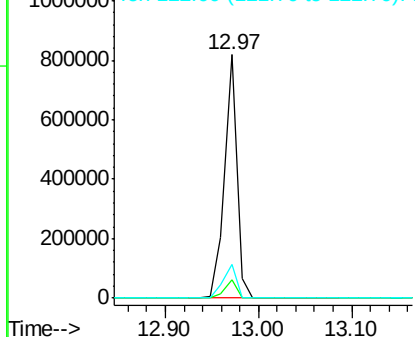


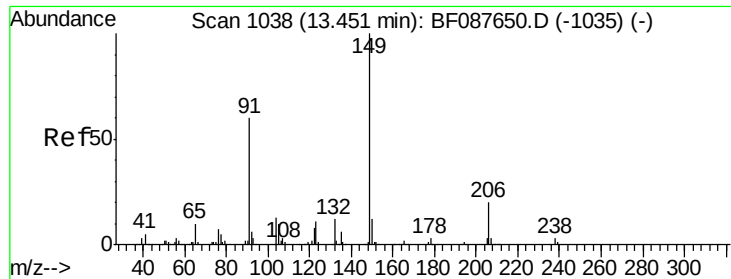
#78  
Terphenyl-d14  
Concen: 69.87 ng  
RT: 12.97 min Scan# 996  
Delta R.T. 0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.6   | 6.0   | 9.0   |
| 122     | 13.9  | 11.2  | 16.8  |



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

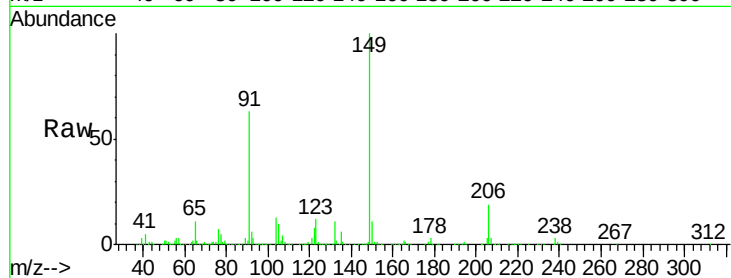




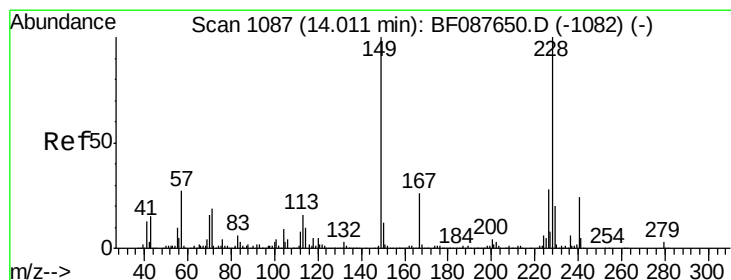
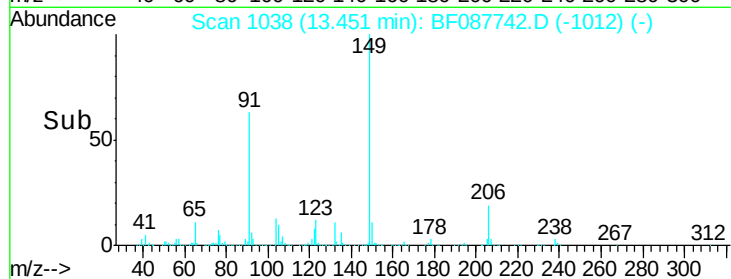
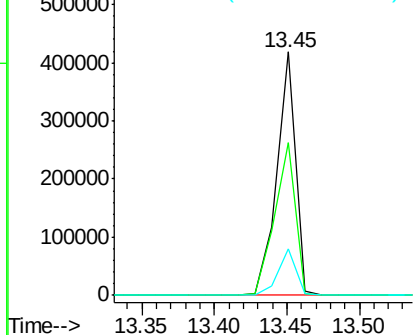
#79  
Butylbenzylphthalate  
Concen: 46.66 ng  
RT: 13.45 min Scan# 1038  
Delta R.T. 0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:149 Resp: 372855  
Ion Ratio Lower Upper  
149 100  
91 62.6 48.0 72.0  
206 19.0 16.0 24.0

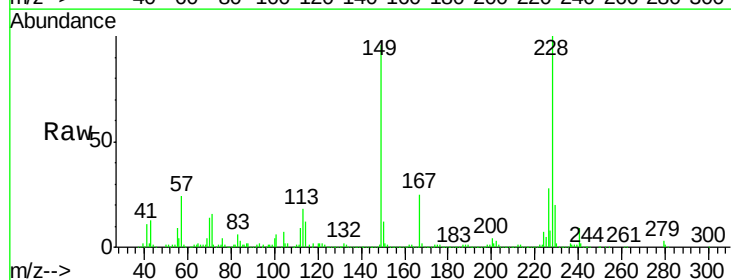


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E

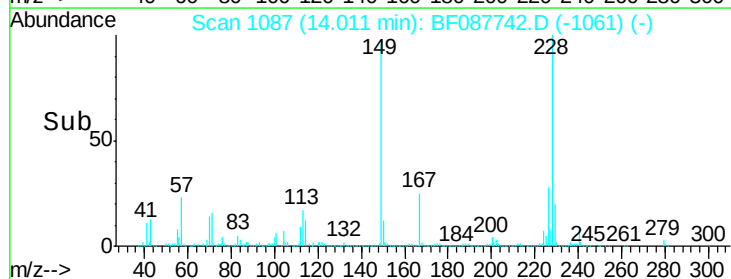
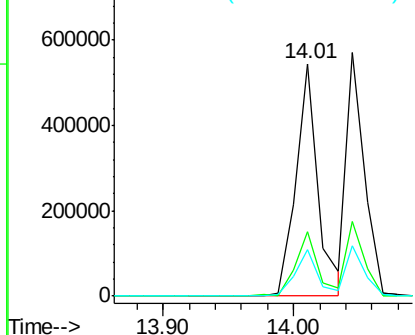


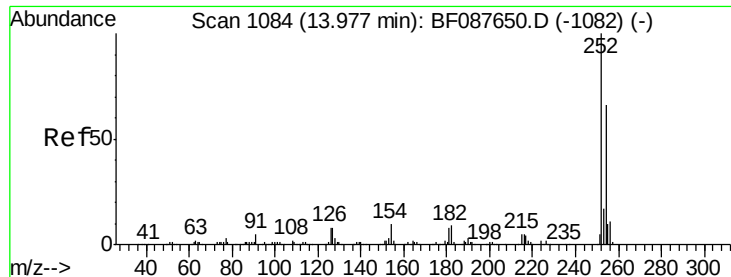
#80  
Benzo(a)anthracene  
Concen: 42.38 ng  
RT: 14.01 min Scan# 1087  
Delta R.T. -0.00 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Tgt Ion:228 Resp: 644836  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.3 33.5  
229 19.8 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

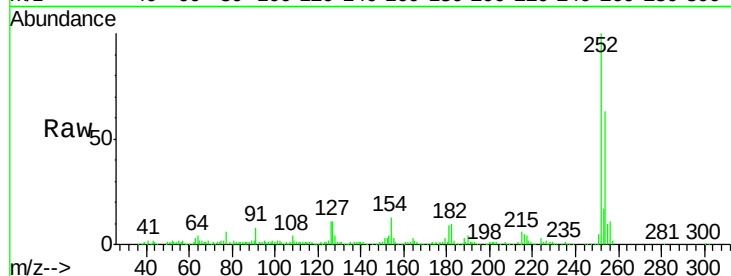




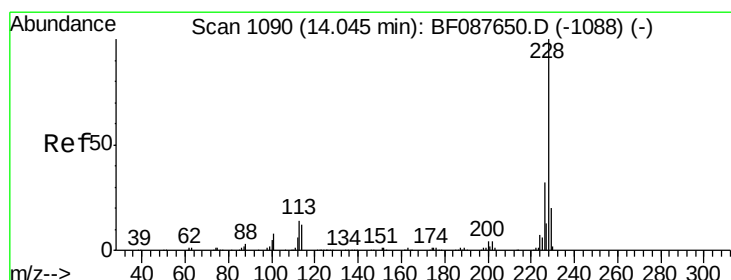
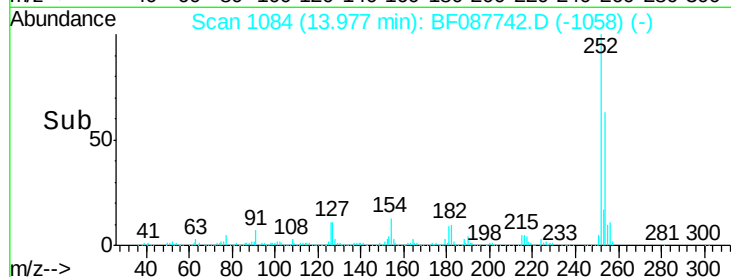
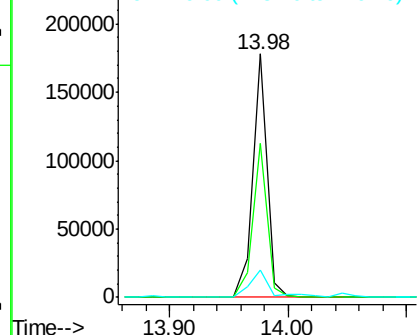
#81  
 3,3'-Dichlorobenzidine  
 Concen: 35.41 ng  
 RT: 13.98 min Scan# 1084  
 Delta R.T. 0.00 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:252 Resp: 152003  
 Ion Ratio Lower Upper  
 252 100  
 254 63.2 52.6 78.8  
 126 11.5 6.2 9.2#

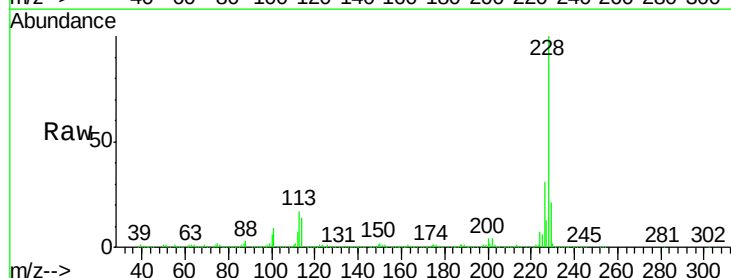


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

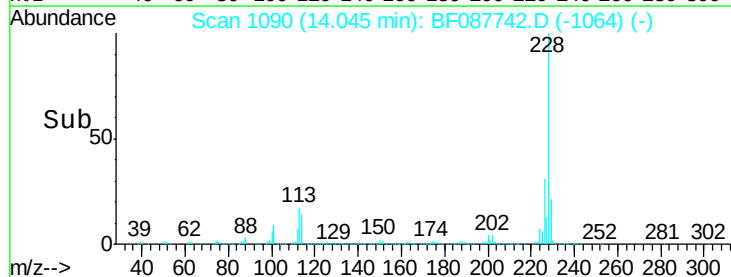
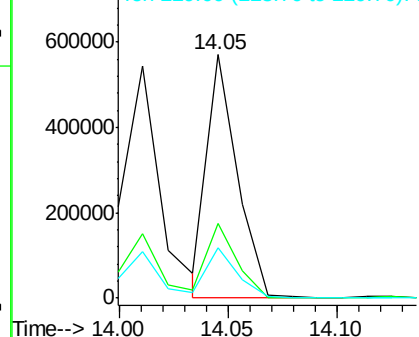


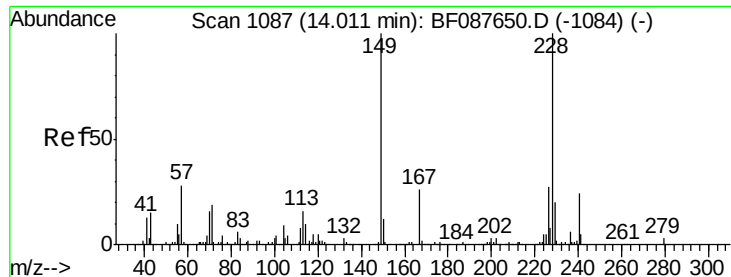
#82  
 Chrysene  
 Concen: 36.06 ng  
 RT: 14.05 min Scan# 1090  
 Delta R.T. 0.00 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

Tgt Ion:228 Resp: 546197  
 Ion Ratio Lower Upper  
 228 100  
 226 30.9 25.4 38.2  
 229 20.9 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: 51.08 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA\_F

ClientSampleId :

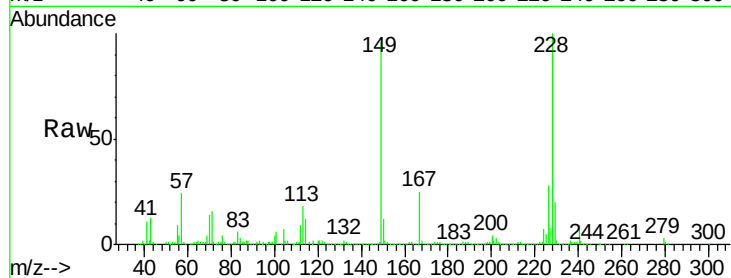
Tot Ion:149 Resp: 485666

Ion Ratio Lower Upper

149 100

167 26.2 20.5 30.7

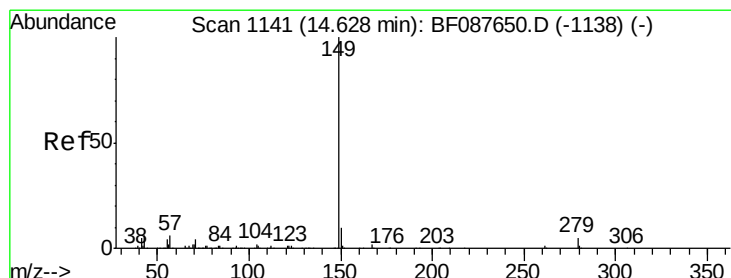
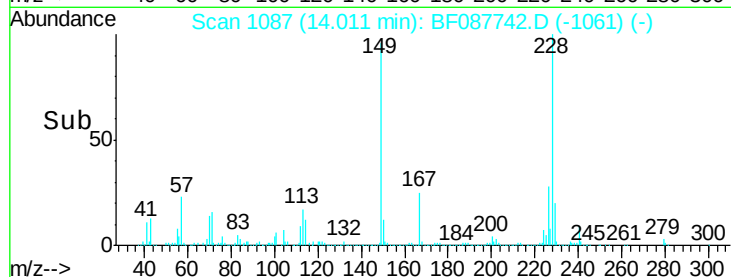
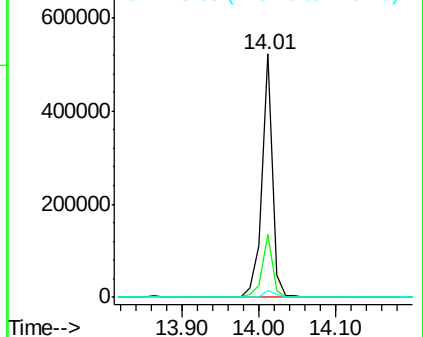
279 2.9 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.93 ng

RT: 14.62 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

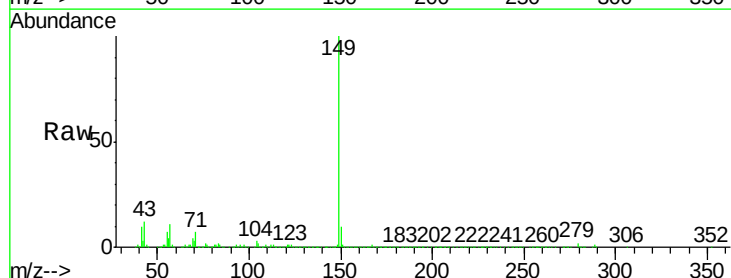
Tgt Ion:149 Resp: 812011

Ion Ratio Lower Upper

149 100

167 1.9 0.0 0.0#

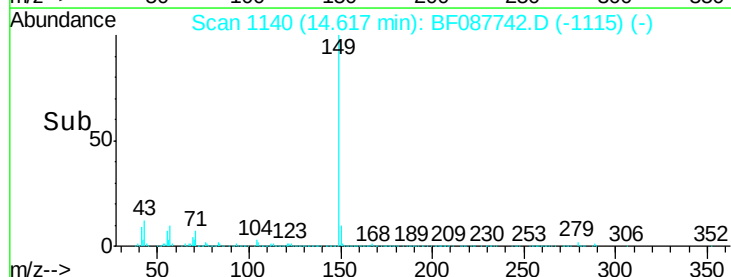
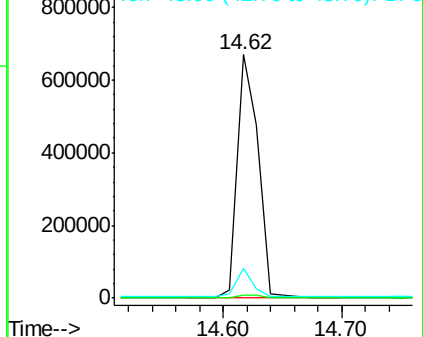
43 9.9 0.0 0.0#

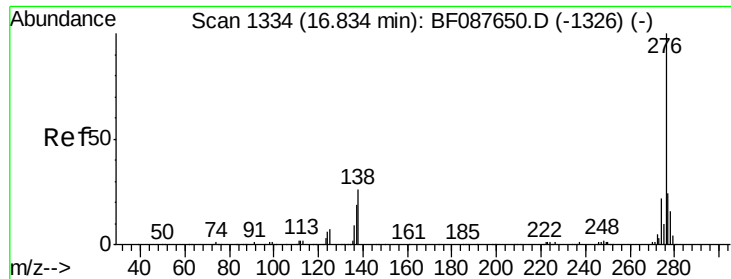


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

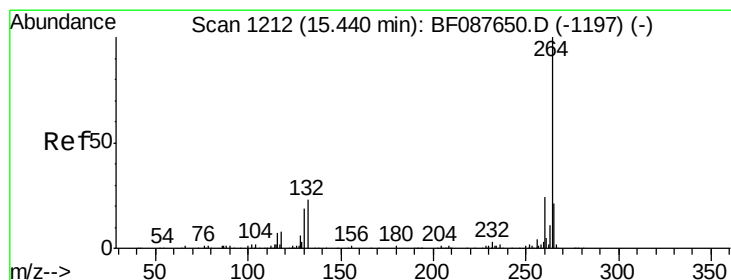
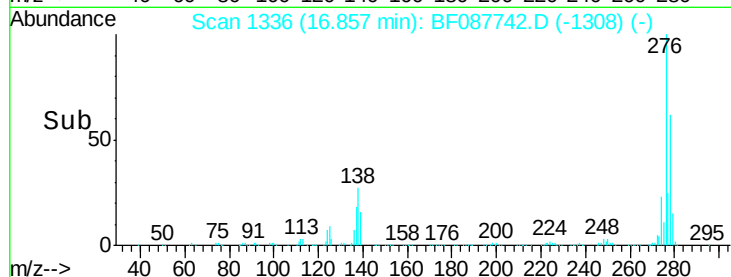
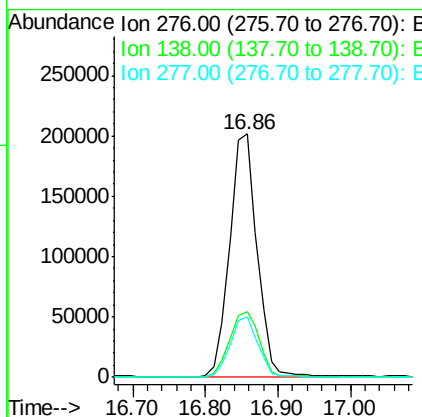
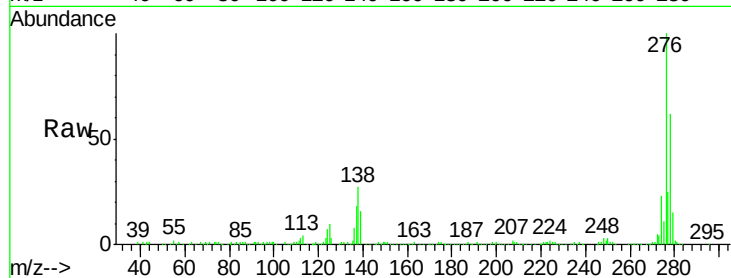




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 42.70 ng  
 RT: 16.86 min Scan# 1336  
 Delta R.T. 0.02 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

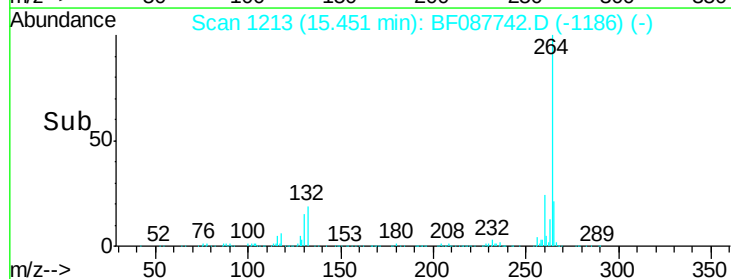
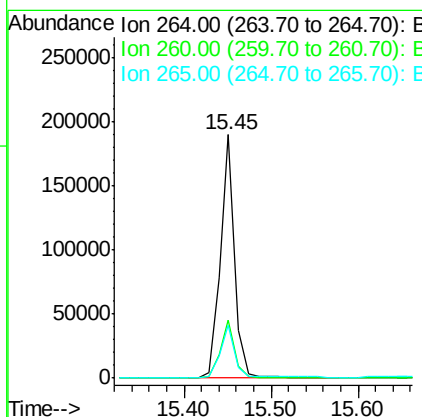
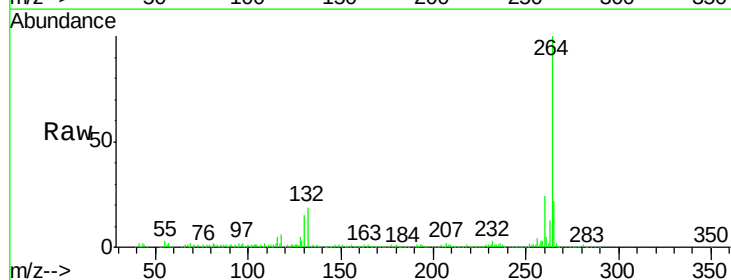
Instrument :  
 BNA\_F  
 ClientSampleId :

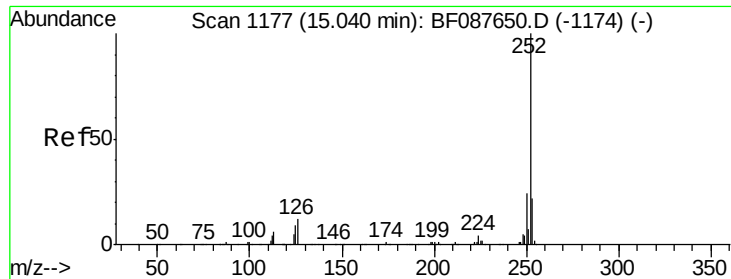
Tot Ion:276 Resp: 534549  
 Ion Ratio Lower Upper  
 276 100  
 138 29.0 0.0 0.0#  
 277 25.9 0.0 0.0#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.45 min Scan# 1213  
 Delta R.T. 0.01 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

Tgt Ion:264 Resp: 219260  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.2 28.8  
 265 21.7 16.9 25.3

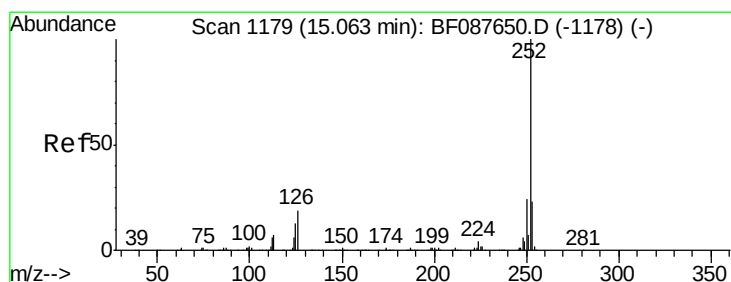
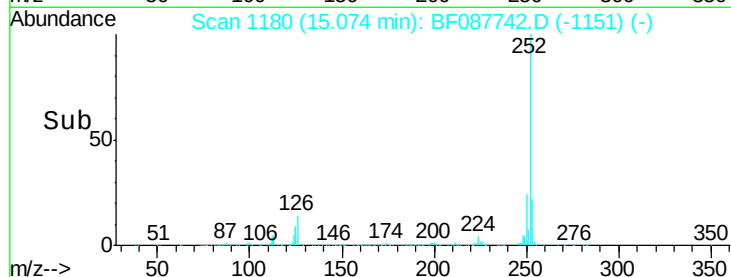
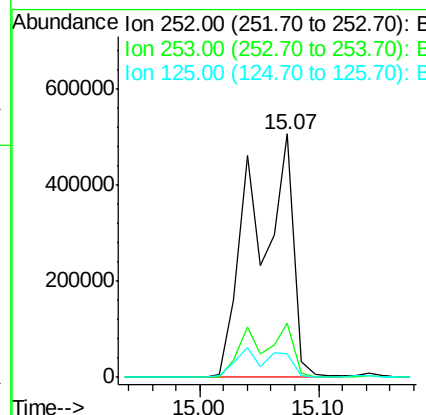
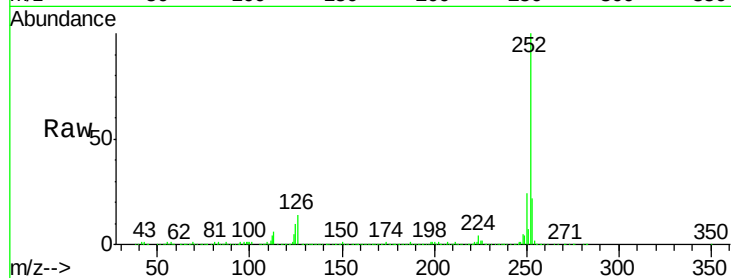




#87  
Benzo(b)fluoranthene  
Concen: 82.38 ng  
RT: 15.07 min Scan# 1180  
Delta R.T. 0.03 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

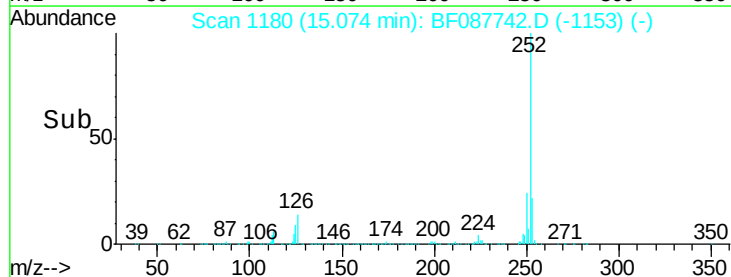
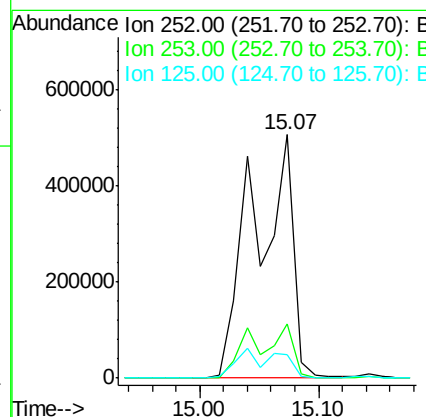
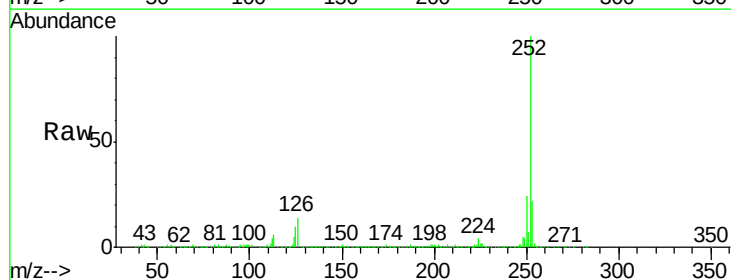
Instrument :  
BNA\_F  
ClientSampleId :

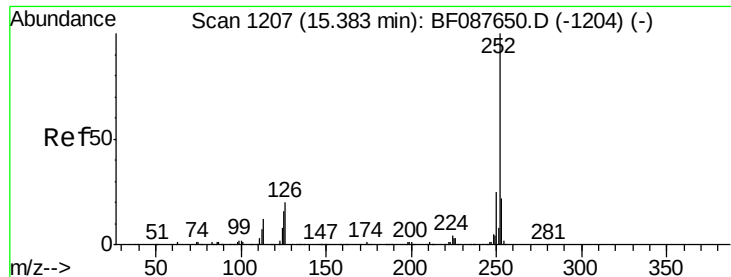
Tot Ion:252 Resp: 1174922  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.4 26.2  
125 9.7 7.1 10.7



#88  
Benzo(k)fluoranthene  
Concen: 99.01 ng  
RT: 15.07 min Scan# 1180  
Delta R.T. 0.01 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Tgt Ion:252 Resp: 1174922  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.0 27.0  
125 9.7 11.2 16.8#

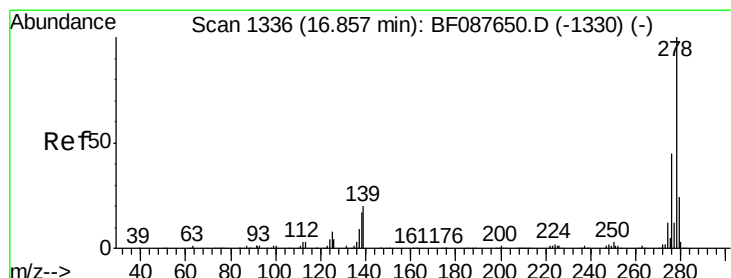
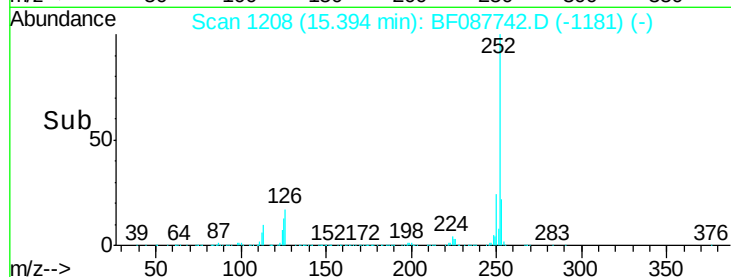
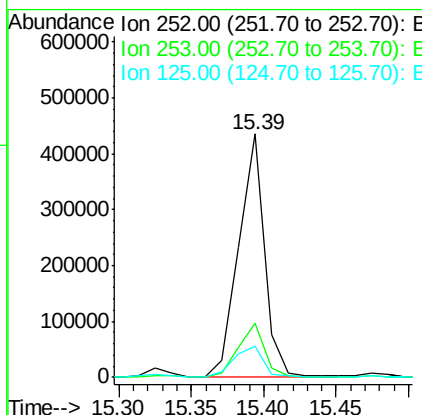
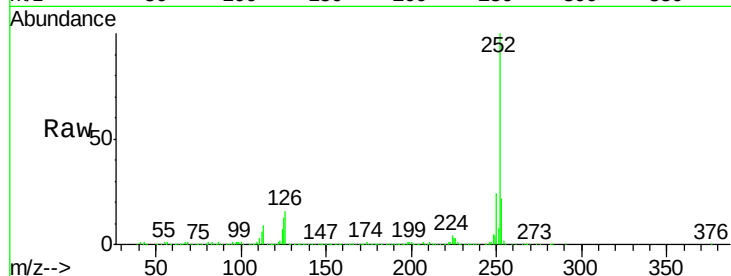




#89  
Benzo(a)pyrene  
Concen: 45.08 ng  
RT: 15.39 min Scan# 1208  
Delta R.T. 0.01 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

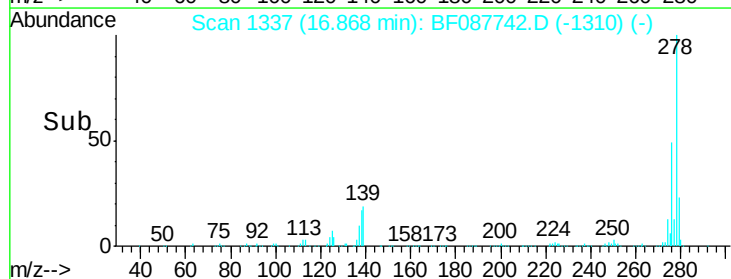
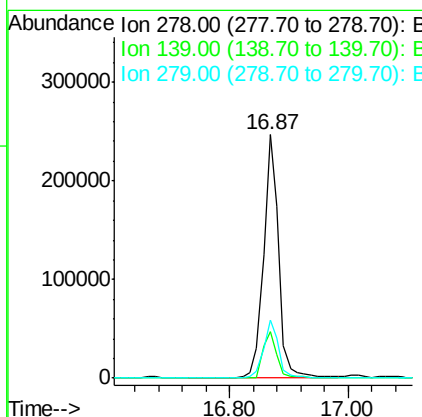
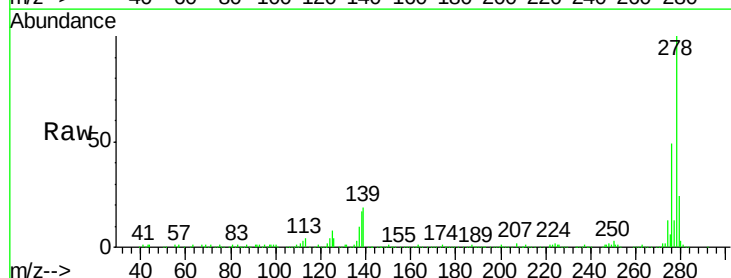
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 540540  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.9 26.9  
125 13.0 12.5 18.7

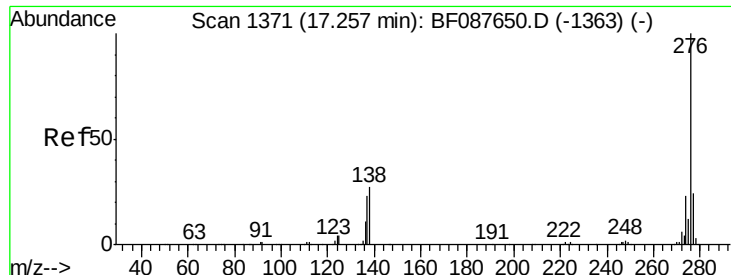


#90  
Dibenzo(a,h)anthracene  
Concen: 43.52 ng  
RT: 16.87 min Scan# 1337  
Delta R.T. 0.01 min  
Lab File: BF087742.D  
Acq: 6 Jun 2016 8:19

Tgt Ion:278 Resp: 444025  
Ion Ratio Lower Upper  
278 100  
139 19.0 15.7 23.5  
279 23.6 19.4 29.2







#91  
 Benzo(a,h,i)perylene  
 Concen: 42.21 ng  
 RT: 17.27 min Scan# 1372  
 Delta R.T. 0.01 min  
 Lab File: BF087742.D  
 Acq: 6 Jun 2016 8:19

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 18.9  | 28.3  |
| 138     | 27.8  | 21.4  | 32.2  |

