

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\  
 Data File : BF089728.D  
 Acq On : 16 Aug 2016 16:49  
 Operator : UM/SJ  
 Sample : SSTDICC025  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Aug 16 18:36:41 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 16 18:33:37 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 613253   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.99  | 136  | 2589090  | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.74  | 164  | 1197305  | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.21 | 188  | 2291491  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.91 | 240  | 1936669  | 20.00 | ng    | 0.01     |
| 86) Perylene-d12          | 15.45 | 264  | 1721531  | 20.00 | ng    | 0.05     |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.27  | 112 | 1863071 | 24.31 | ng | -0.01 |
| 7) Phenol-d6                | 6.33  | 99  | 2536128 | 26.54 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.27  | 82  | 2389353 | 27.97 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol    | 10.52 | 330 | 722203  | 30.38 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 9.07  | 172 | 4295433 | 31.28 | ng | 0.00  |
| 78) Terphenyl-d14           | 12.81 | 244 | 3471459 | 25.54 | ng | 0.00  |

|                                |      |     |         |       |    |        |
|--------------------------------|------|-----|---------|-------|----|--------|
| Target Compounds               |      |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.20 | 88  | 471501  | 23.68 | ng | 97     |
| 3) Pyridine                    | 2.84 | 79  | 1216730 | 24.53 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 2.80 | 42  | 510258  | 24.55 | ng | 90     |
| 6) Aniline                     | 6.35 | 93  | 1617392 | 24.50 | ng | 94     |
| 8) 2-Chlorophenol              | 6.48 | 128 | 1228238 | 29.05 | ng | 89     |
| 9) Benzaldehyde                | 6.24 | 77  | 860525  | 26.65 | ng | 92     |
| 10) Phenol                     | 6.34 | 94  | 1629901 | 28.40 | ng | 86     |
| 11) bis(2-Chloroethyl)ether    | 6.43 | 93  | 1004465 | 23.93 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 6.64 | 146 | 1265428 | 27.65 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146 | 1322239 | 28.72 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 6.72 | 146 | 1322239 | 30.05 | ng | 98     |
| 15) Benzyl Alcohol             | 6.84 | 79  | 967392  | 28.18 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.99 | 45  | 1538203 | 28.69 | ng | 95     |
| 17) 2-Methylphenol             | 6.96 | 107 | 918304  | 26.06 | ng | 97     |
| 18) Hexachloroethane           | 7.22 | 117 | 462495  | 26.84 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70  | 788512  | 25.36 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 1279582 | 29.53 | ng | # 76   |
| 22) Acetophenone               | 7.12 | 105 | 1630621 | 26.41 | ng | # 88   |
| 24) Nitrobenzene               | 7.28 | 77  | 1149413 | 25.06 | ng | 92     |
| 25) Isophorone                 | 7.53 | 82  | 2296132 | 26.87 | ng | 95     |
| 26) 2-Nitrophenol              | 7.60 | 139 | 528025  | 24.84 | ng | # 68   |
| 27) 2,4-Dimethylphenol         | 7.64 | 122 | 1036799 | 24.51 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.75 | 93  | 1419879 | 26.14 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 7.84 | 162 | 872096  | 24.26 | ng | 91     |
| 30) 1,2,4-Trichlorobenzene     | 7.93 | 180 | 1013707 | 26.78 | ng | 98     |
| 31) Naphthalene                | 8.01 | 128 | 3380662 | 29.02 | ng | 98     |
| 32) Benzoic acid               | 7.76 | 122 | 807441  | 29.79 | ng | 97     |
| 33) 4-Chloroaniline            | 8.06 | 127 | 1291250 | 23.17 | ng | # 88   |
| 34) Hexachlorobutadiene        | 8.14 | 225 | 541397  | 28.05 | ng | 99     |
| 35) Caprolactam                | 8.42 | 113 | 259722  | 23.40 | ng | # 79   |
| 36) 4-Chloro-3-methylphenol    | 8.54 | 107 | 955659  | 25.51 | ng | 84     |
| 37) 2-Methylnaphthalene        | 8.70 | 142 | 2013756 | 25.03 | ng | # 96   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.87 | 216 | 1084395 | 32.39 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.86 | 237 | 452425  | 24.47 | ng | 99     |

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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

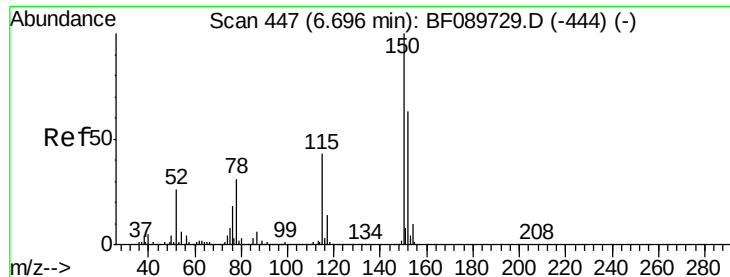
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Aug 16 18:36:41 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 16 18:33:37 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.98  | 196  | 688473   | 28.67 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.02  | 196  | 690473   | 30.19 | nq    | 95       |
| 45) 1,1'-Biphenyl              | 9.16  | 154  | 2479045  | 24.99 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.19  | 162  | 2156819  | 29.99 | nq    | 96       |
| 47) 2-Nitroaniline             | 9.28  | 65   | 623524   | 26.81 | nq    | 96       |
| 48) Acenaphthylene             | 9.60  | 152  | 3227756  | 28.51 | nq    | 98       |
| 49) Dimethylphthalate          | 9.47  | 163  | 2409870  | 28.72 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.53  | 165  | 578261   | 31.11 | nq    | # 83     |
| 51) Acenaphthene               | 9.77  | 154  | 2000409  | 26.99 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.69  | 138  | 651847   | 27.04 | nq    | 98       |
| 53) 2,4-Dinitrophenol          | 9.79  | 184  | 234868   | 35.56 | nq    | # 85     |
| 54) Dibenzofuran               | 9.94  | 168  | 2551894  | 24.28 | nq    | 98       |
| 55) 4-Nitrophenol              | 9.84  | 139  | 488085   | 26.48 | nq    | # 70     |
| 56) 2,4-Dinitrotoluene         | 9.92  | 165  | 641422   | 26.72 | nq    | # 44     |
| 57) Fluorene                   | 10.28 | 166  | 2256074  | 29.93 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.06 | 232  | 474400   | 24.01 | nq    | 94       |
| 59) Diethylphthalate           | 10.17 | 149  | 2404522  | 28.04 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.28 | 204  | 990985   | 29.79 | nq    | 99       |
| 61) 4-Nitroaniline             | 10.30 | 138  | 570831   | 26.82 | nq    | 92       |
| 62) Azobenzene                 | 10.44 | 77   | 2437863  | 26.23 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.33 | 198  | 349540   | 28.44 | nq    | # 78     |
| 65) n-Nitrosodiphenylamine     | 10.40 | 169  | 1911082  | 25.82 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.78 | 248  | 608448   | 25.93 | nq    | 98       |
| 67) Hexachlorobenzene          | 10.83 | 284  | 731093   | 27.76 | nq    | 96       |
| 68) Atrazine                   | 10.94 | 200  | 578152   | 26.57 | nq    | 93       |
| 69) Pentachlorophenol          | 11.02 | 266  | 421274   | 26.53 | nq    | 98       |
| 70) Phenanthrene               | 11.24 | 178  | 3192311  | 28.08 | nq    | 100      |
| 71) Anthracene                 | 11.29 | 178  | 3375338  | 28.38 | nq    | 97       |
| 72) Carbazole                  | 11.44 | 167  | 2938112  | 25.92 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.79 | 149  | 3420588  | 26.17 | nq    | 98       |
| 74) Fluoranthene               | 12.42 | 202  | 3279809  | 27.31 | nq    | 96       |
| 76) Benzidine                  | 12.55 | 184  | 1781760  | 26.86 | nq    | 98       |
| 77) Pyrene                     | 12.65 | 202  | 3425058  | 27.59 | nq    | 96       |
| 79) Butylbenzylphthalate       | 13.31 | 149  | 1604531  | 28.28 | nq    | 92       |
| 80) Benzo(a)anthracene         | 13.90 | 228  | 2907471  | 26.15 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.87 | 252  | 1148979  | 28.16 | nq    | # 94     |
| 82) Chrysene                   | 13.94 | 228  | 2683535  | 26.87 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.93 | 149  | 2195351  | 27.53 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 14.64 | 149  | 3582599  | 29.85 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.75 | 276  | 2286938  | 26.75 | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 15.05 | 252  | 2526235  | 23.71 | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 15.05 | 252  | 2526235  | 29.65 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.39 | 252  | 2408370  | 26.95 | nq    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 16.79 | 278  | 1894119  | 26.99 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.15 | 276  | 1893277  | 26.62 | nq    | # 93     |

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



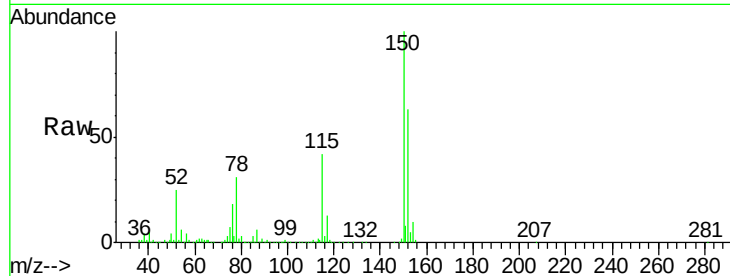


#1

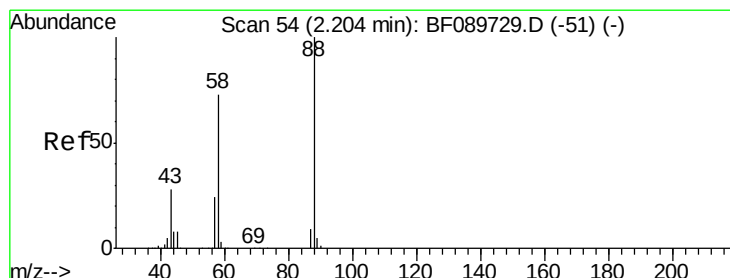
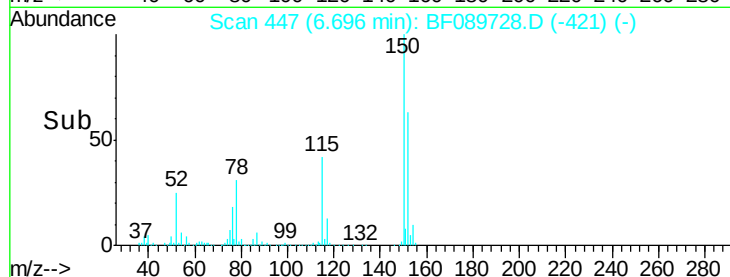
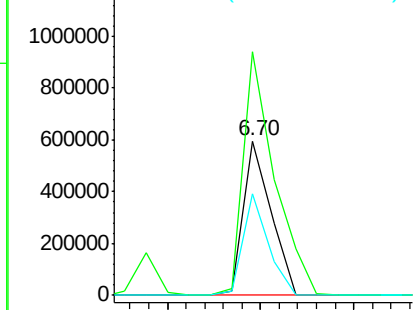
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.70 min Scan# 447  
Delta R.T. -0.00 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 613253  
Ion Ratio Lower Upper  
152 100  
150 157.6 125.3 187.9  
115 66.0 40.9 61.3#



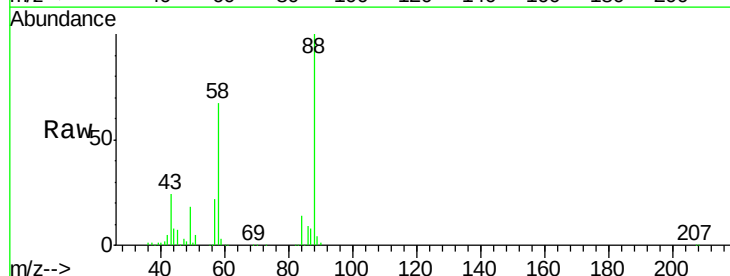
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



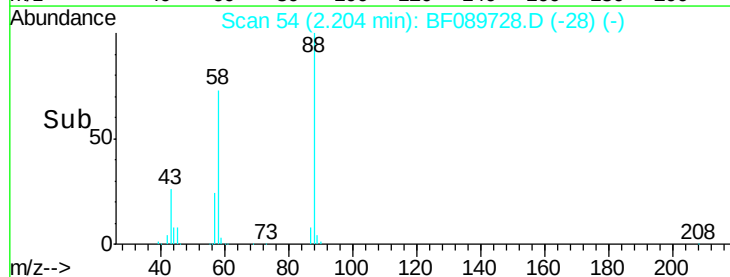
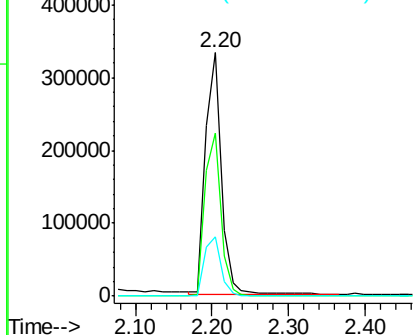
#2

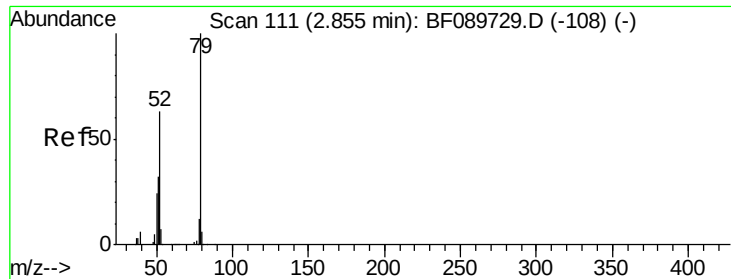
1,4-Dioxane  
Concen: 23.68 ng  
RT: 2.20 min Scan# 54  
Delta R.T. -0.00 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

Tgt Ion: 88 Resp: 471501  
Ion Ratio Lower Upper  
88 100  
58 68.4 57.0 85.4  
43 25.9 21.8 32.8



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: 24.53 ng

RT: 2.84 min Scan# 110

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampled :

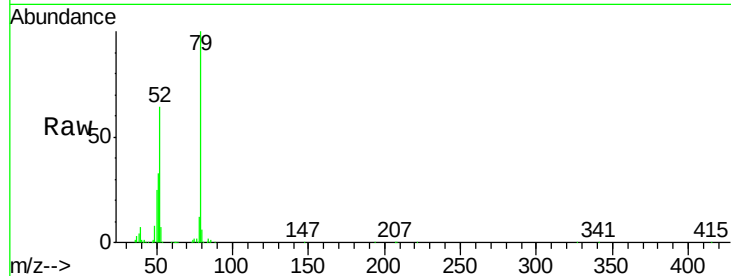
Tot Ion: 79 Resp: 1216730

Ion Ratio Lower Upper

79 100

52 64.2 53.6 80.4

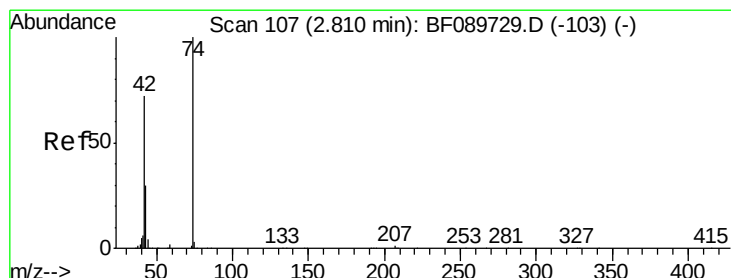
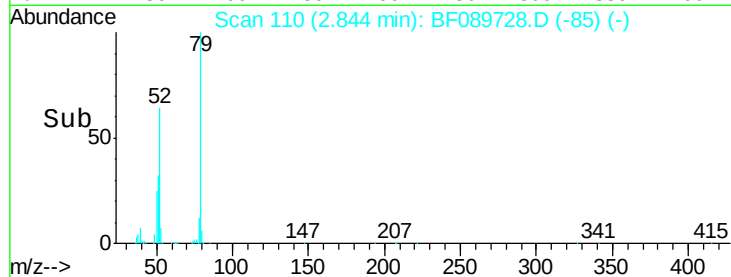
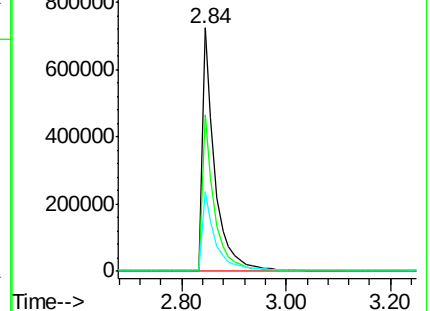
51 33.0 26.6 39.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 24.55 ng

RT: 2.80 min Scan# 106

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

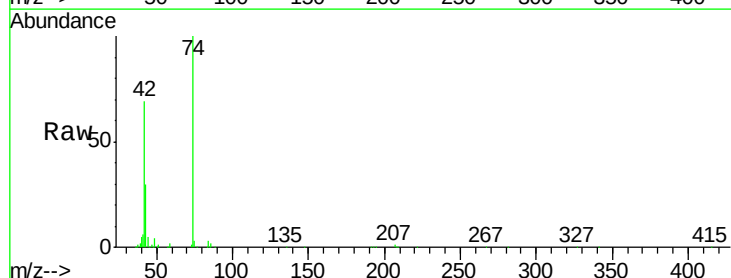
Tgt Ion: 42 Resp: 510258

Ion Ratio Lower Upper

42 100

74 144.7 106.2 159.2

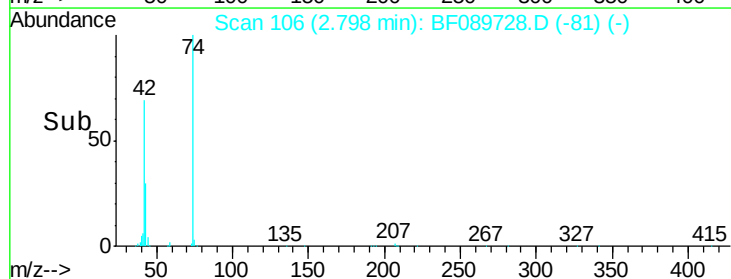
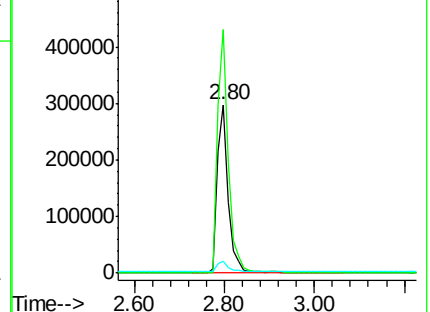
44 7.2 6.9 10.3

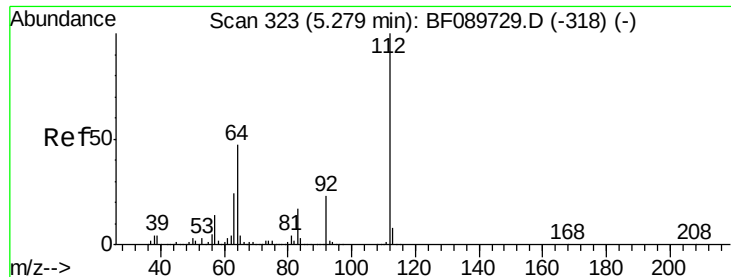


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 24.31 ng

RT: 5.27 min Scan# 322

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampleId :

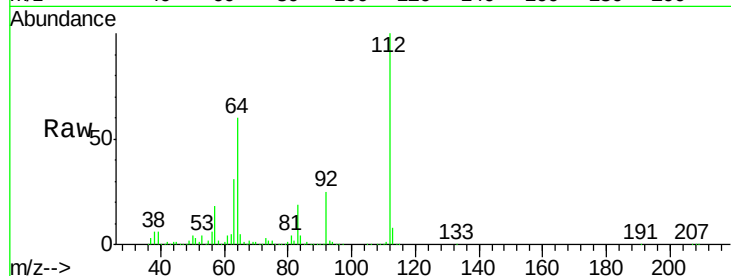
Tot Ion:112 Resp: 1863071

Ion Ratio Lower Upper

112 100

64 60.1 45.0 67.4

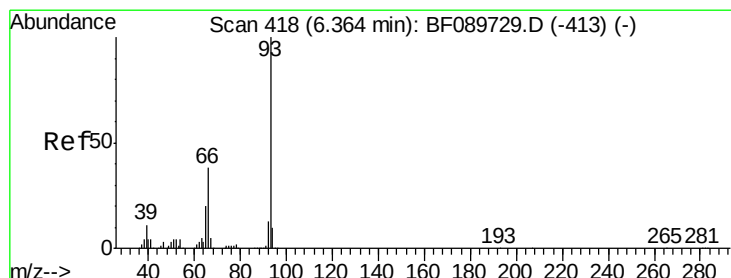
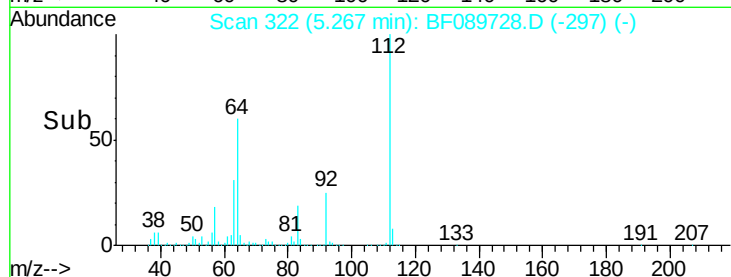
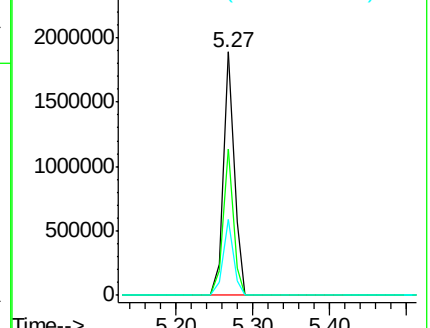
63 31.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.50 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

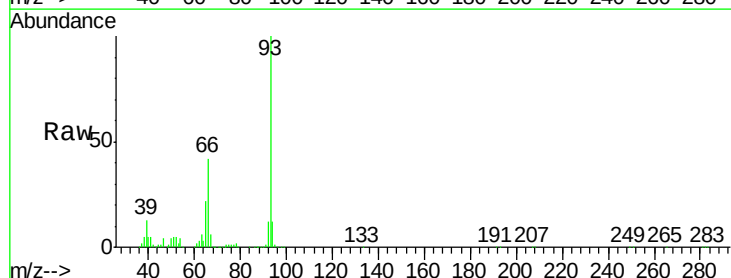
Tgt Ion: 93 Resp: 1617392

Ion Ratio Lower Upper

93 100

66 41.8 30.6 46.0

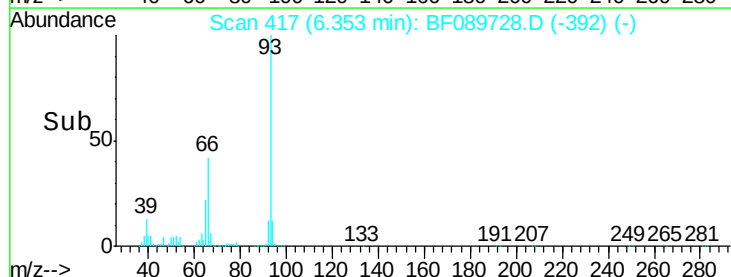
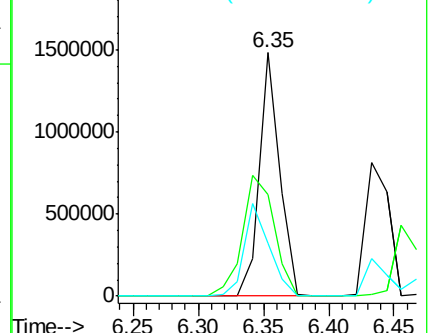
65 21.6 15.4 23.2

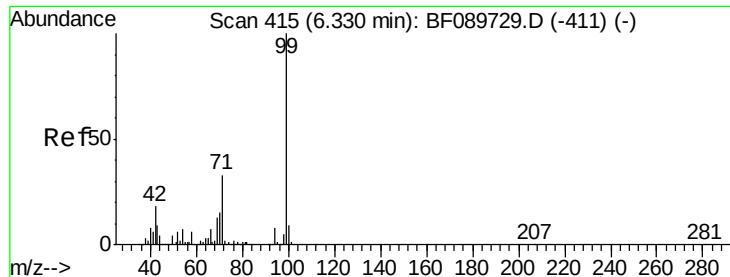


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 26.54 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampleId :

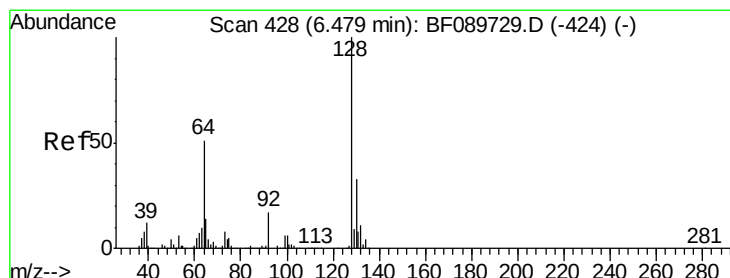
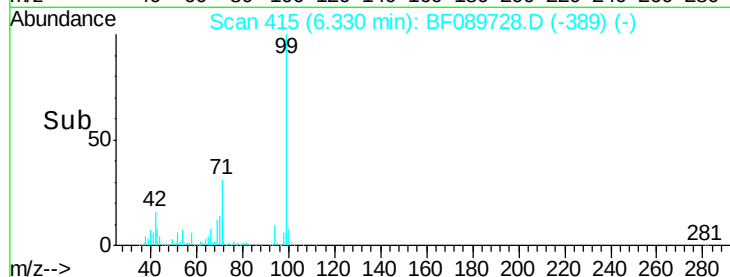
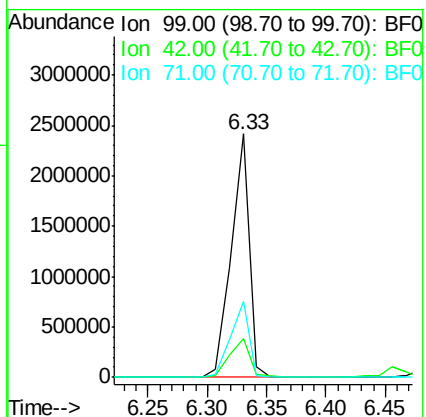
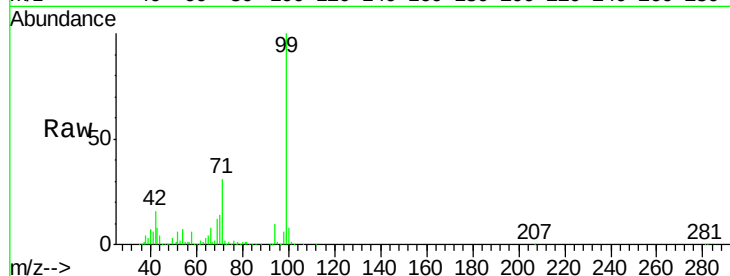
Tot Ion: 99 Resp: 2536128

Ion Ratio Lower Upper

99 100

42 16.0 12.2 18.4

71 31.1 23.8 35.8



#8

2-Chlorophenol

Concen: 29.05 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

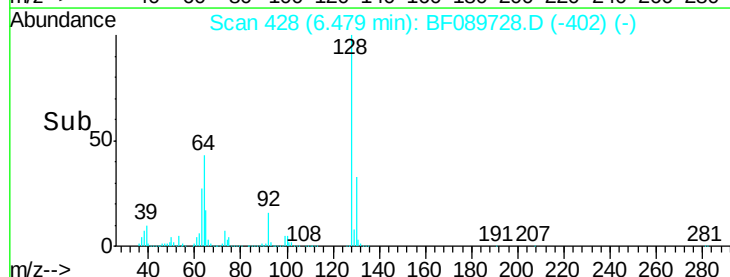
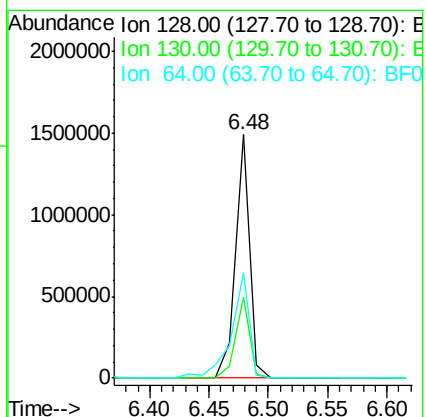
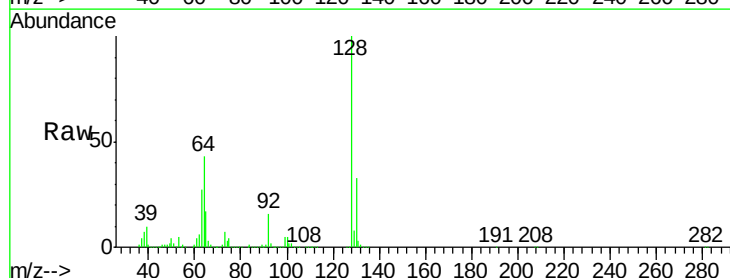
Tgt Ion: 128 Resp: 1228238

Ion Ratio Lower Upper

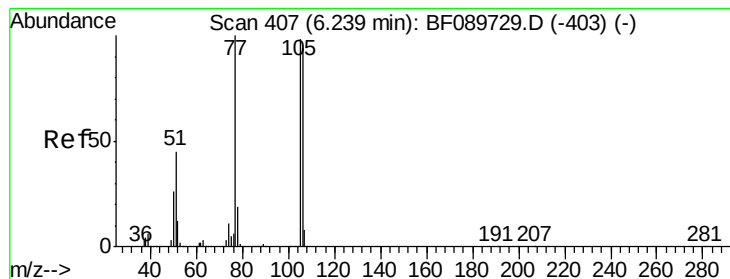
128 100

130 33.3 12.0 52.0

64 43.4 35.1 75.1







#9

Benzaldehyde

Concen: 26.65 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampleId :

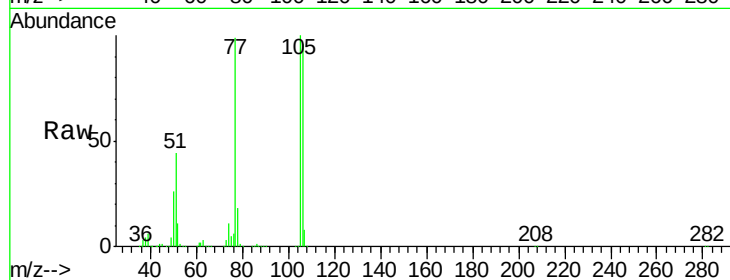
Tot Ion: 77 Resp: 860525

Ion Ratio Lower Upper

77 100

105 100.8 73.3 113.3

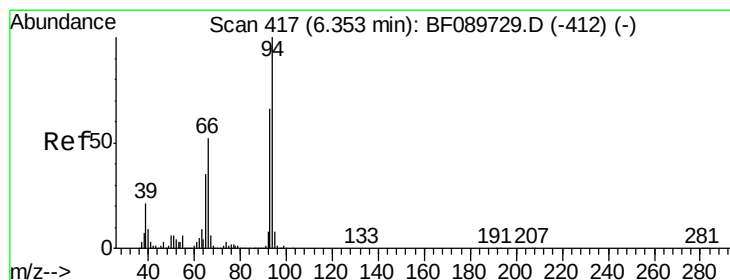
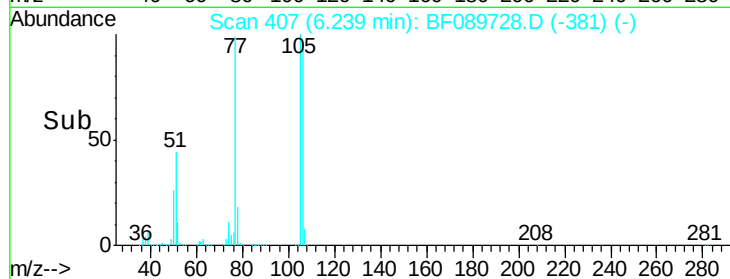
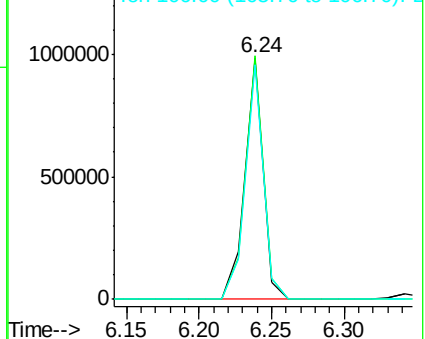
106 97.2 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 28.40 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

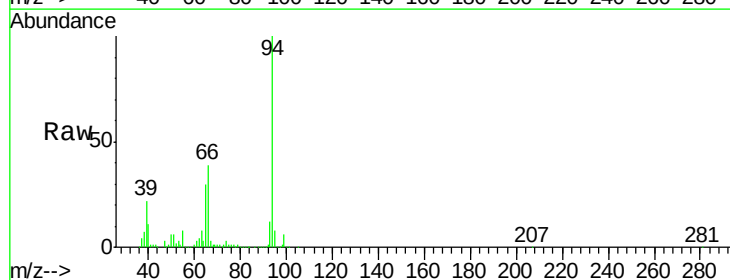
Tgt Ion: 94 Resp: 1629901

Ion Ratio Lower Upper

94 100

65 29.7 14.0 54.0

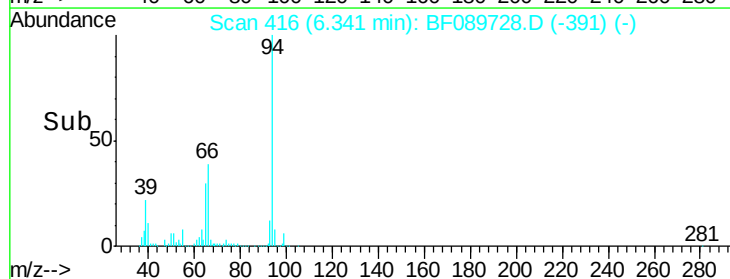
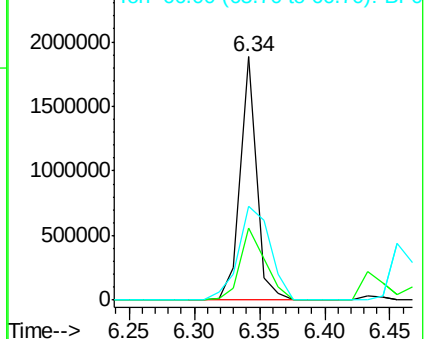
66 38.8 31.2 71.2



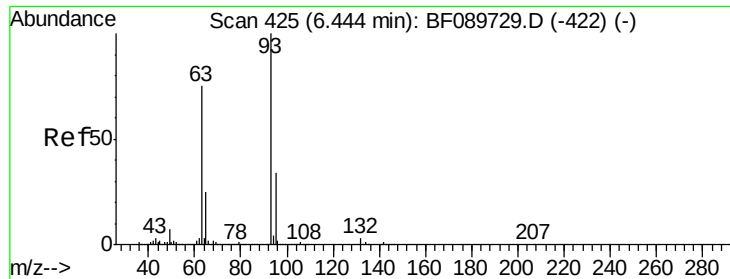
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



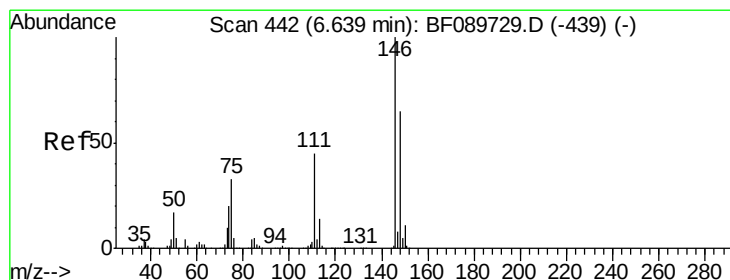
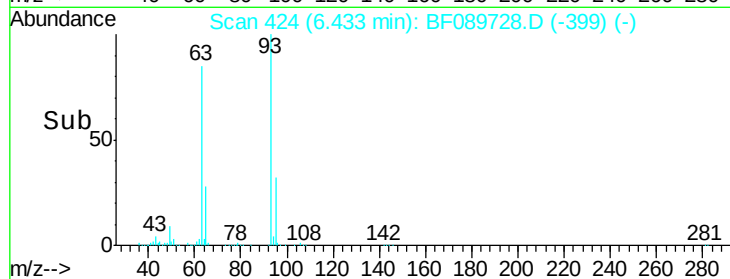
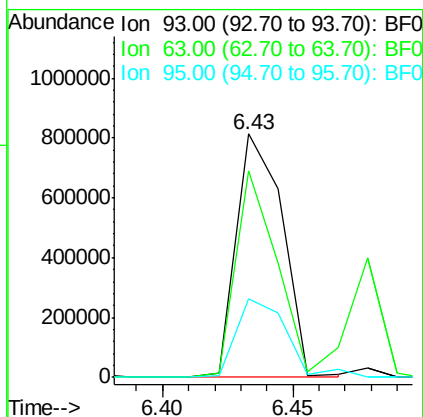
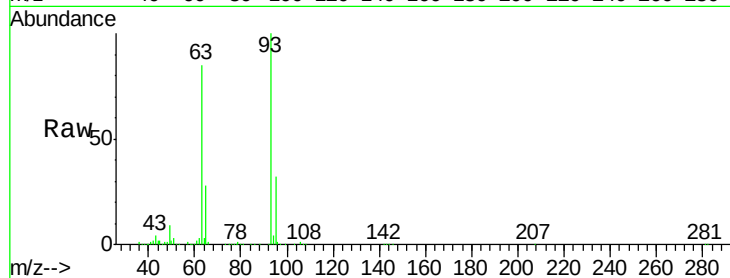




#11  
 bis(2-Chloroethyl)ether  
 Concen: 23.93 ng  
 RT: 6.43 min Scan# 424  
 Delta R.T. -0.01 min  
 Lab File: BF089728.D  
 Acq: 16 Aug 2016 16:49

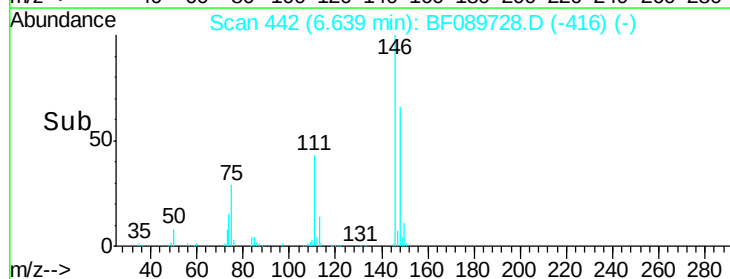
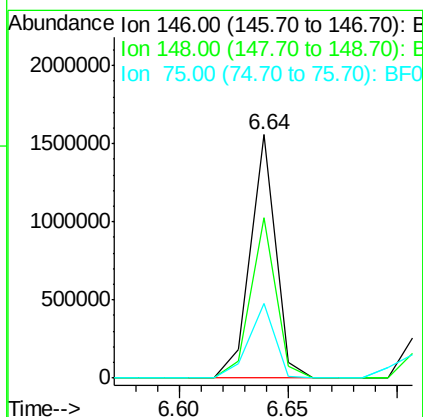
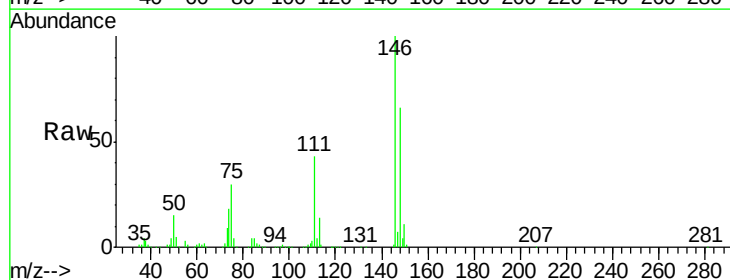
Instrument :  
 BNA\_F  
 ClientSampleId :

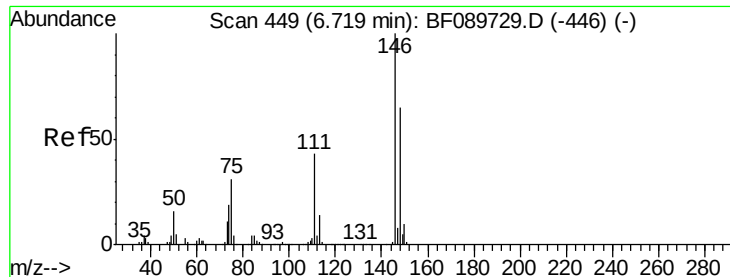
Tot Ion: 93 Resp: 1004465  
 Ion Ratio Lower Upper  
 93 100  
 63 85.0 55.8 95.8  
 95 32.3 13.0 53.0



#12  
 1,3-Dichlorobenzene  
 Concen: 27.65 ng  
 RT: 6.64 min Scan# 442  
 Delta R.T. 0.00 min  
 Lab File: BF089728.D  
 Acq: 16 Aug 2016 16:49

Tgt Ion: 146 Resp: 1265428  
 Ion Ratio Lower Upper  
 146 100  
 148 65.7 51.0 76.4  
 75 30.5 27.0 40.6

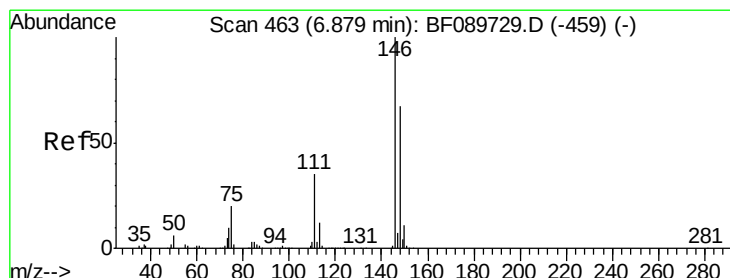
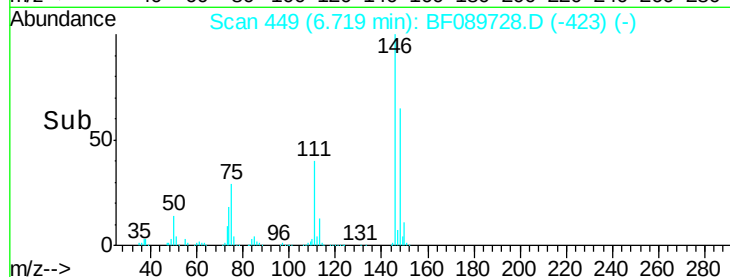
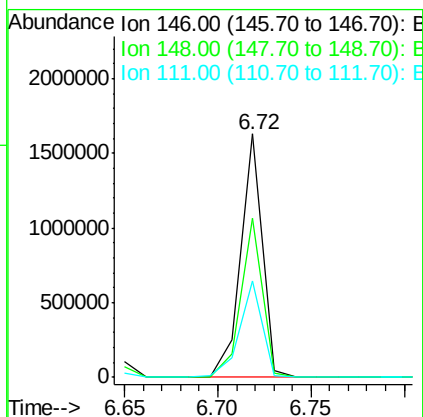
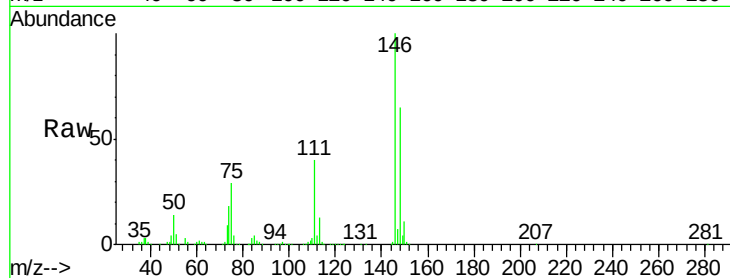




#13  
 1,4-Dichlorobenzene  
 Concen: 28.72 ng  
 RT: 6.72 min Scan# 449  
 Delta R.T. -0.00 min  
 Lab File: BF089728.D  
 Acq: 16 Aug 2016 16:49

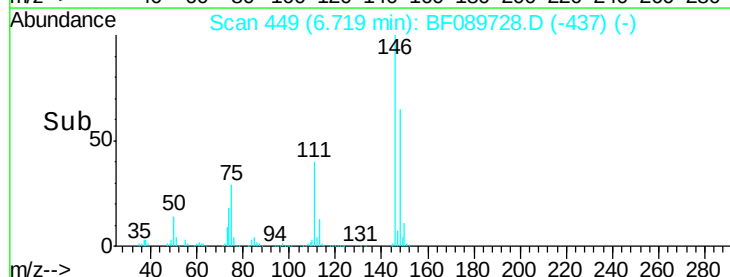
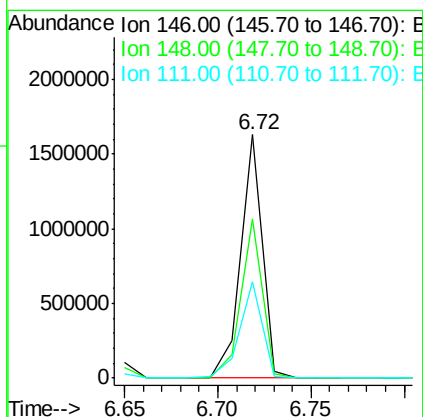
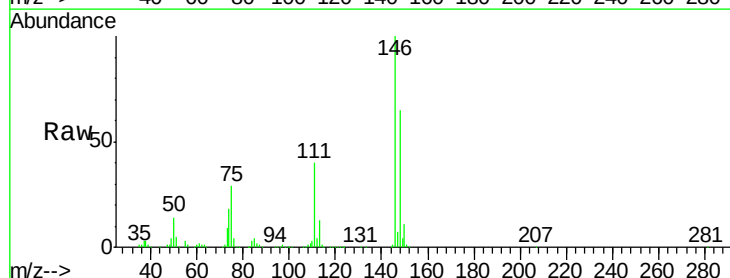
Instrument :  
 BNA\_F  
 ClientSampleId :

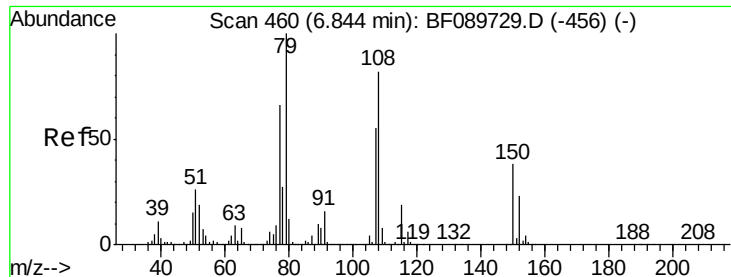
Tot Ion:146 Resp: 1322239  
 Ion Ratio Lower Upper  
 146 100  
 148 65.4 51.0 76.6  
 111 39.8 34.6 52.0



#14  
 1,2-Dichlorobenzene  
 Concen: 30.05 ng  
 RT: 6.72 min Scan# 449  
 Delta R.T. -0.16 min  
 Lab File: BF089728.D  
 Acq: 16 Aug 2016 16:49

Tgt Ion:146 Resp: 1322239  
 Ion Ratio Lower Upper  
 146 100  
 148 65.4 52.2 78.2  
 111 39.8 29.8 44.6





#15

Benzyl Alcohol

Concen: 28.18 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampleId :

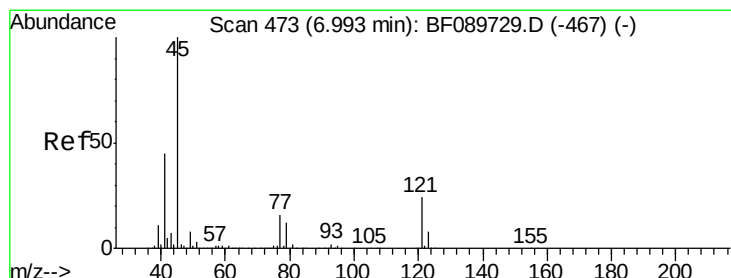
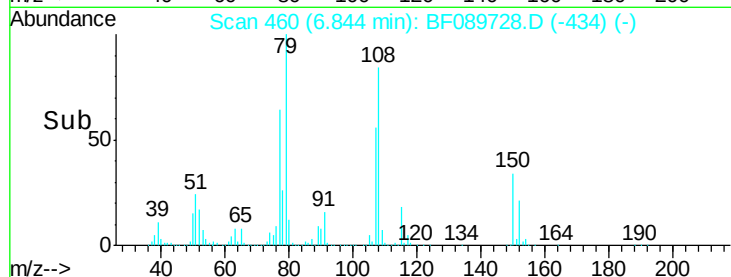
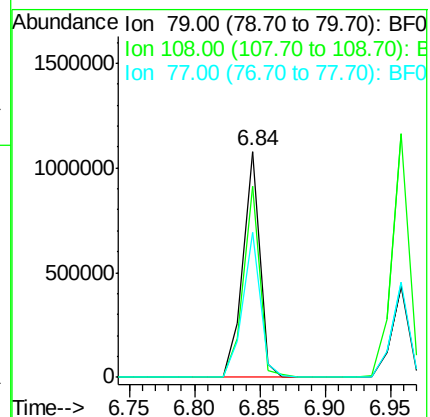
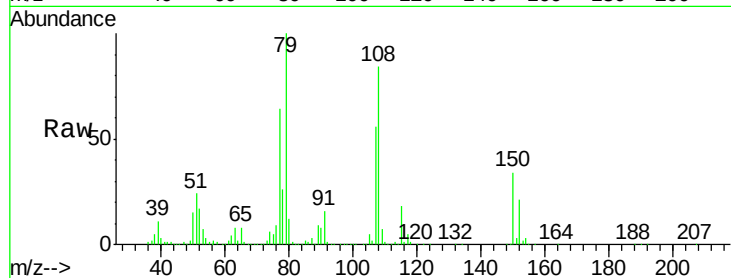
Tot Ion: 79 Resp: 967392

Ion Ratio Lower Upper

79 100

108 84.4 62.5 93.7

77 64.4 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.69 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

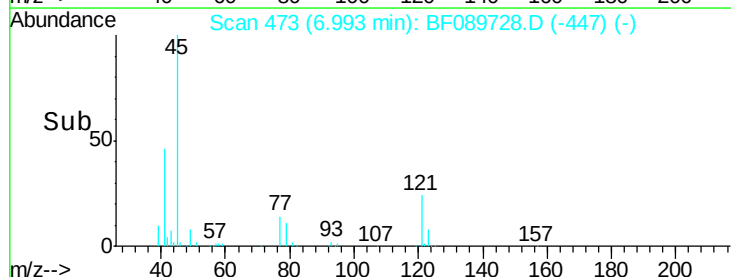
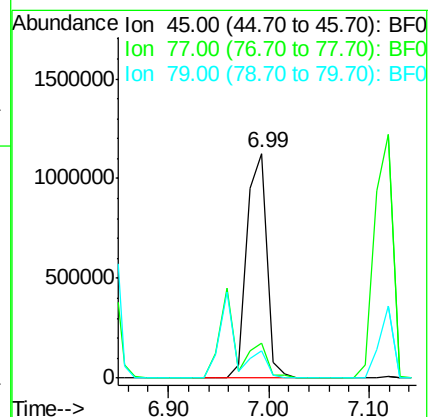
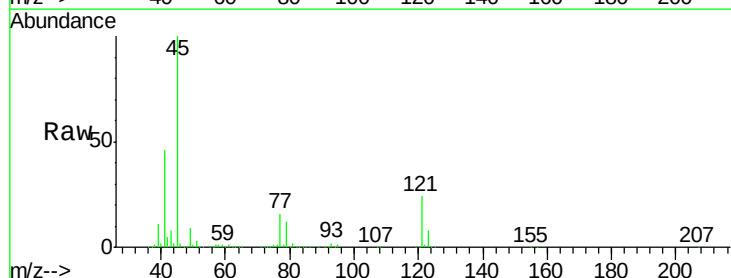
Tgt Ion: 45 Resp: 1538203

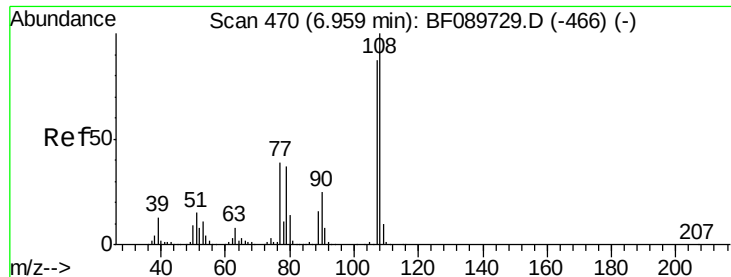
Ion Ratio Lower Upper

45 100

77 15.8 0.0 33.5

79 12.4 0.0 30.7





#17

2-Methylphenol

Concen: 26.06 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:107 Resp: 918304

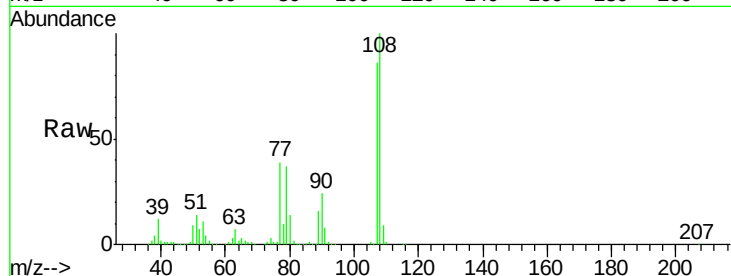
Ion Ratio Lower Upper

107 100

108 115.7 91.0 136.4

77 45.0 37.4 56.0

79 43.2 36.6 55.0

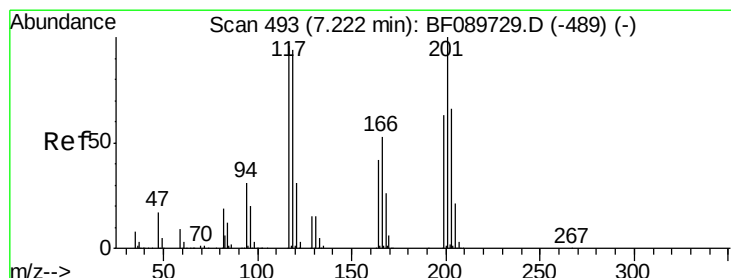
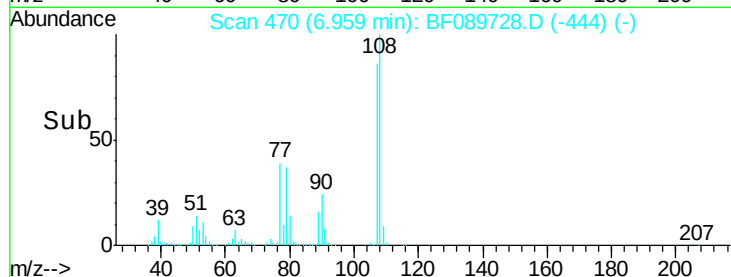
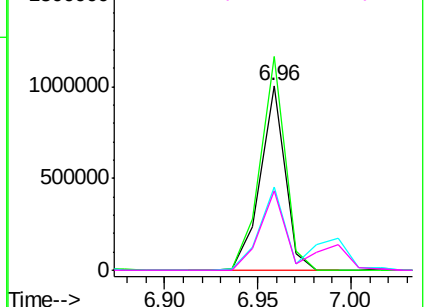


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 26.84 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

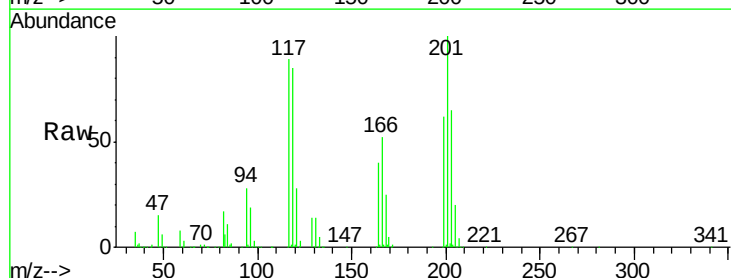
Tgt Ion:117 Resp: 462495

Ion Ratio Lower Upper

117 100

119 96.0 77.1 115.7

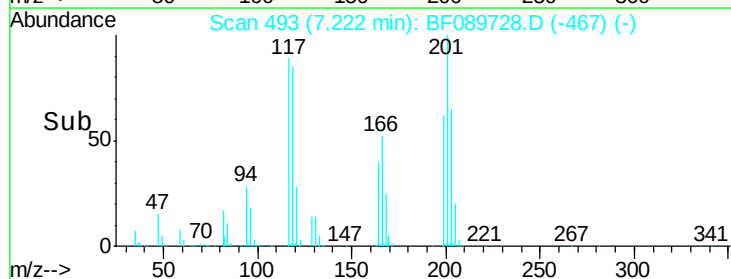
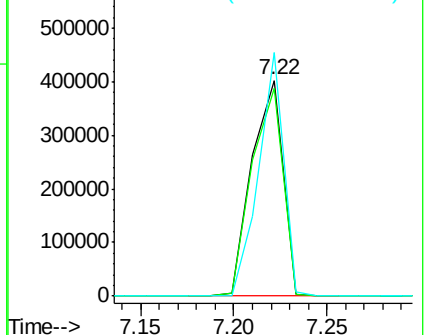
201 112.7 76.9 115.3

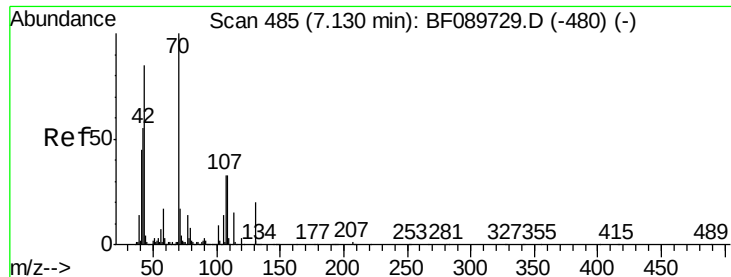


Abundance Ion 117.00 (116.70 to 117.70): E

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: 25.36 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 70 Resp: 788512

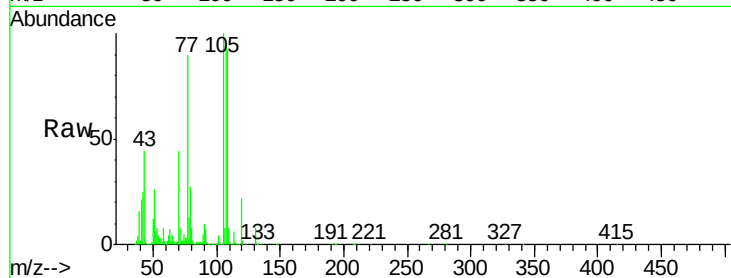
Ion Ratio Lower Upper

70 100

42 55.2 46.3 69.5

101 9.1 7.0 10.6

130 18.7 14.4 21.6

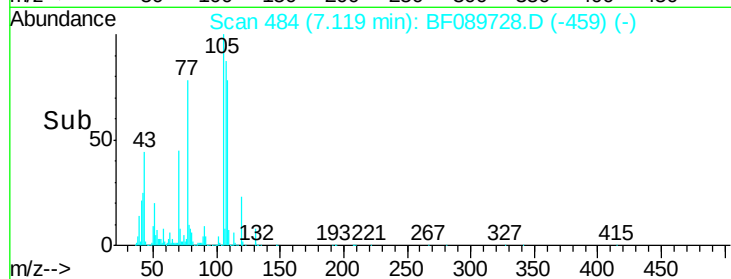
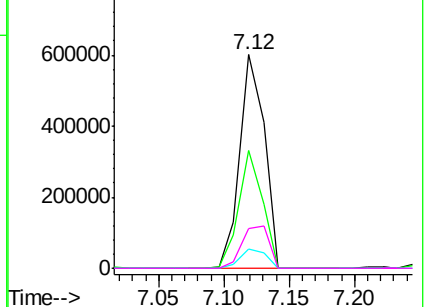


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 29.53 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Tgt Ion: 107 Resp: 1279582

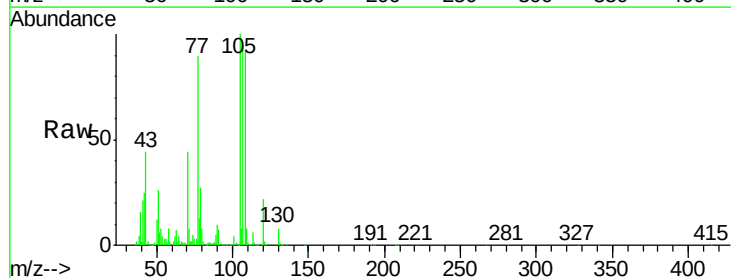
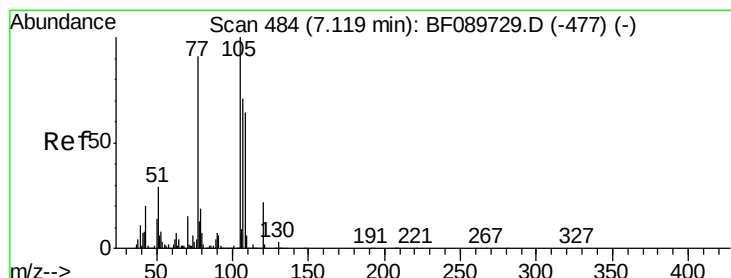
Ion Ratio Lower Upper

107 100

108 96.0 68.2 108.2

77 94.6 122.3 162.3#

79 28.1 8.2 48.2

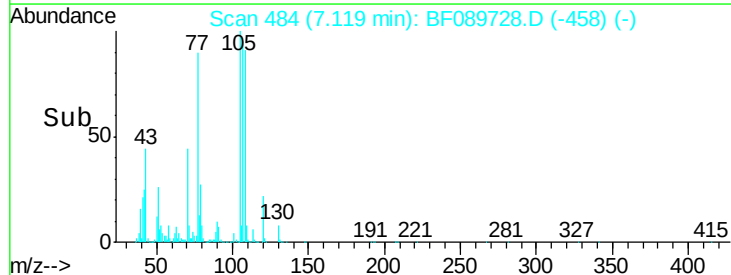
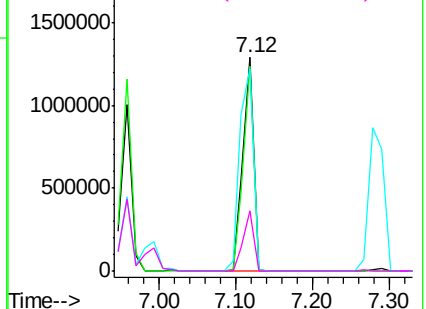


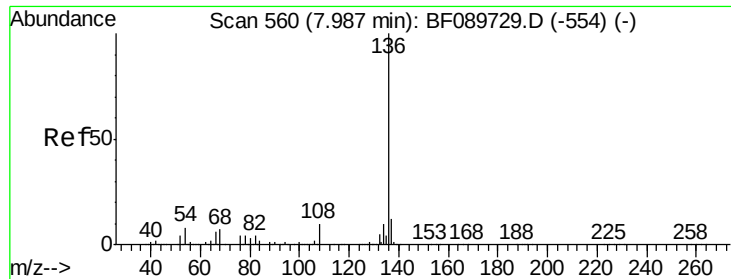
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

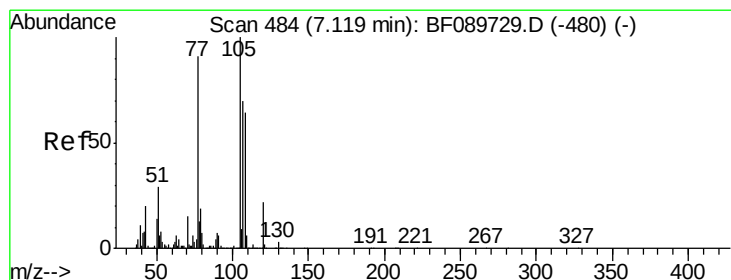
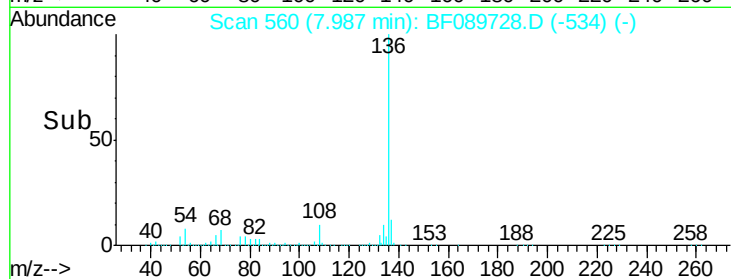
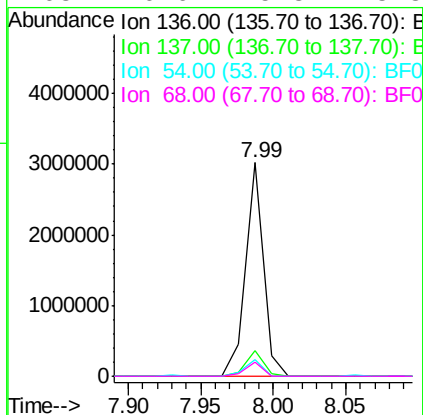
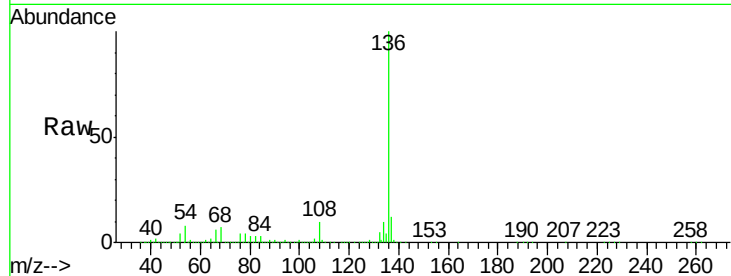




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.99 min Scan# 560  
Delta R.T. -0.00 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

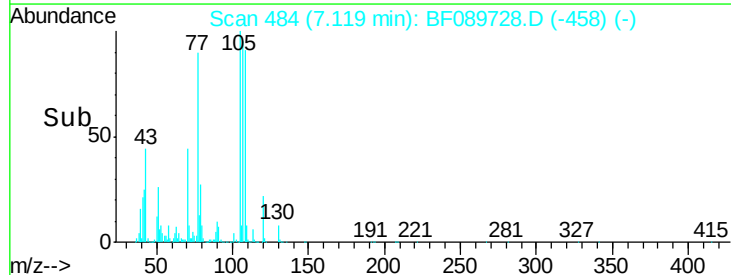
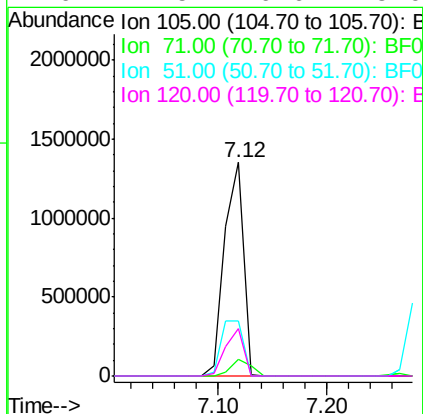
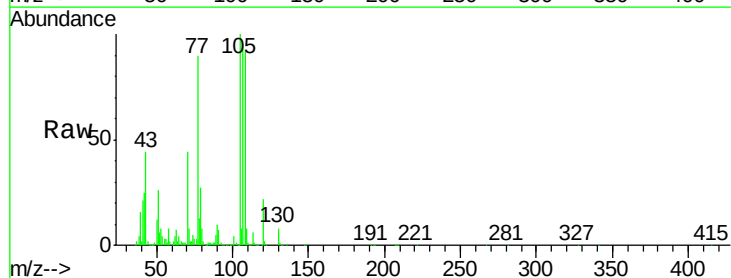
Instrument :  
BNA\_F  
ClientSampleId :

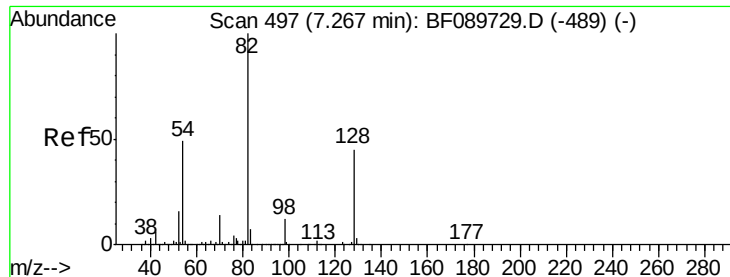
|             |               |
|-------------|---------------|
| Tot Ion:136 | Resp: 2589090 |
| Ion Ratio   | Lower Upper   |
| 136 100     |               |
| 137 12.1    | 9.2 13.8      |
| 54 7.6      | 7.2 10.8      |
| 68 6.6      | 5.8 8.8       |



#22  
Acetophenone  
Concen: 26.41 ng  
RT: 7.12 min Scan# 484  
Delta R.T. -0.00 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:105 | Resp: | 1630621 |
| Ion | Ratio   | Lower | Upper   |
| 105 | 100     |       |         |
| 71  | 7.5     | 1.9   | 2.9#    |
| 51  | 26.0    | 28.5  | 42.7#   |
| 120 | 22.5    | 16.6  | 25.0    |





#23

Nitrobenzene-d5

Concen: 27.97 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampleId :

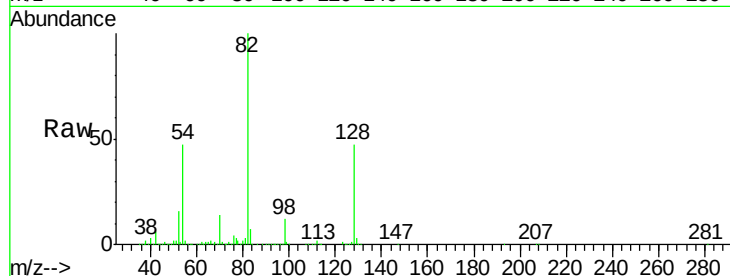
Tot Ion: 82 Resp: 2389353

Ion Ratio Lower Upper

82 100

128 46.6 34.4 51.6

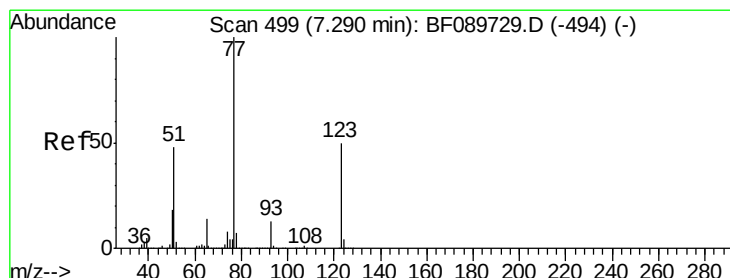
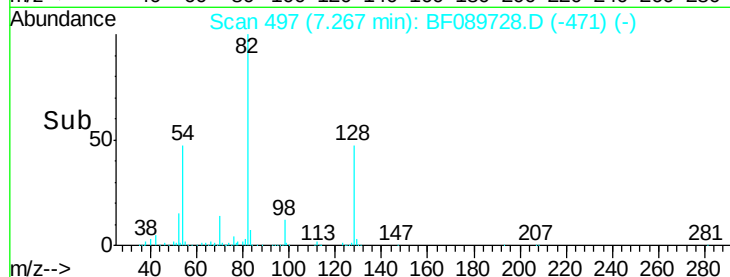
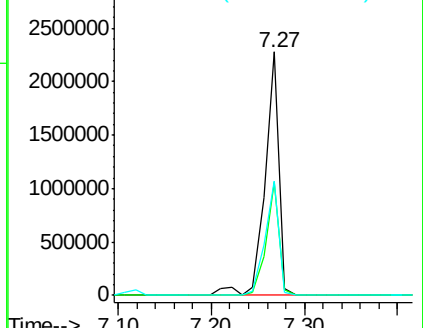
54 47.0 40.3 60.5



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: 25.06 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

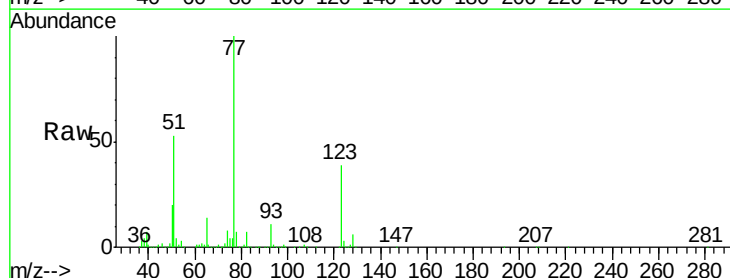
Tgt Ion: 77 Resp: 1149413

Ion Ratio Lower Upper

77 100

123 39.3 36.2 54.2

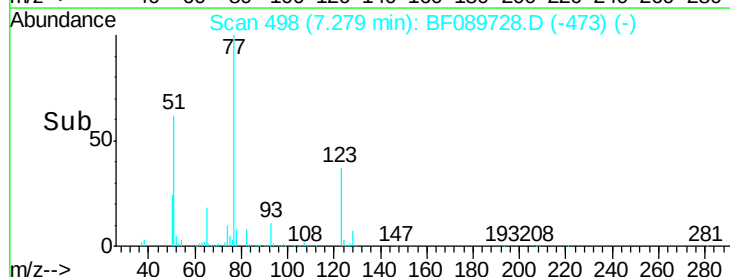
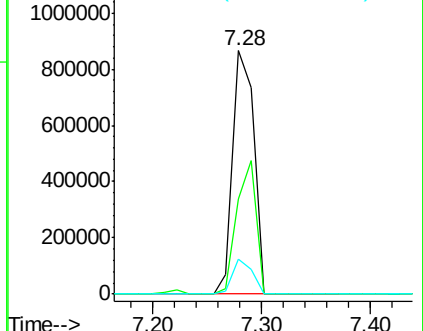
65 14.2 10.6 15.8



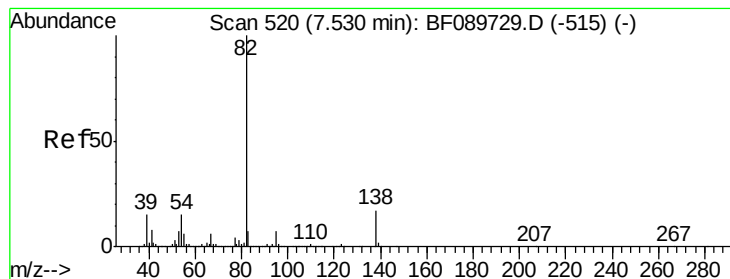
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0







#25

Isophorone

Concen: 26.87 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampled :

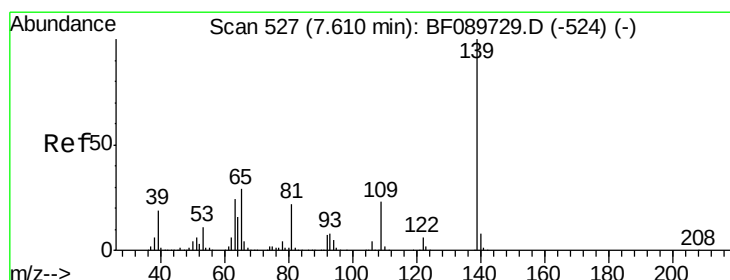
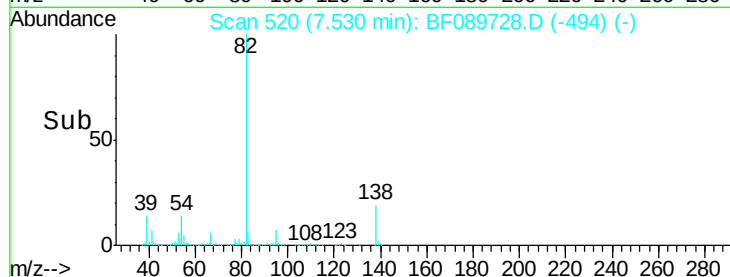
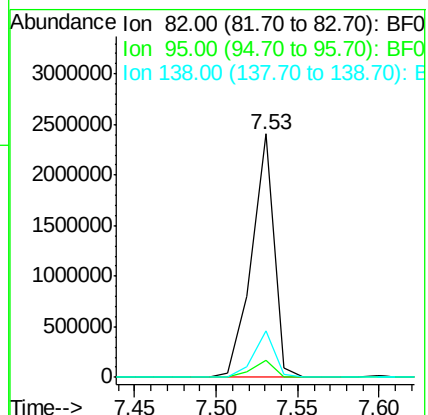
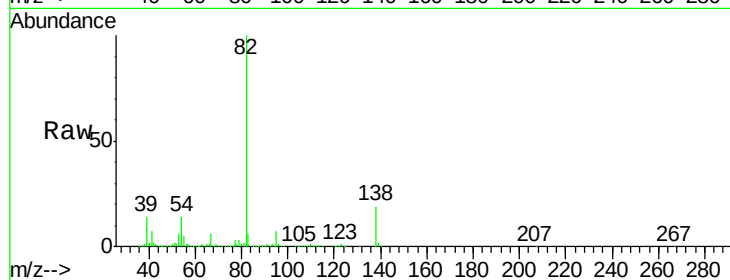
Tot Ion: 82 Resp: 2296132

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.0 13.0 19.4



#26

2-Nitrophenol

Concen: 24.84 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

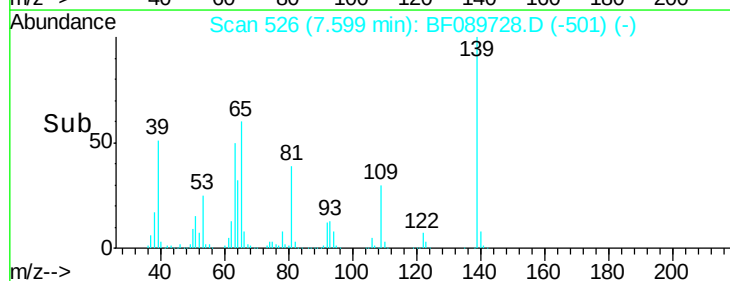
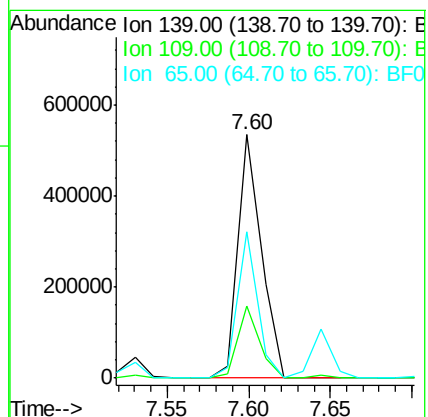
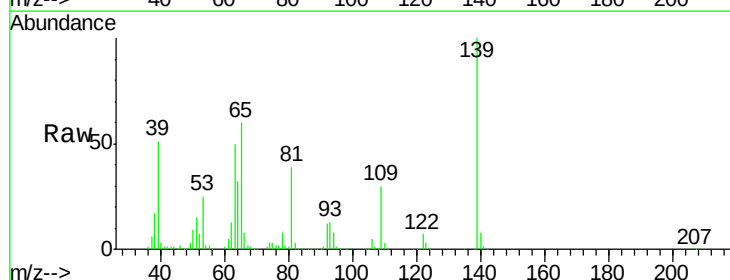
Tgt Ion: 139 Resp: 528025

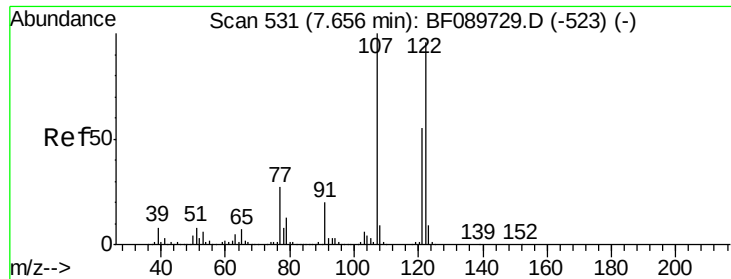
Ion Ratio Lower Upper

139 100

109 29.8 19.5 29.3#

65 60.3 26.5 39.7#





#27

2,4-Dimethylphenol

Concen: 24.51 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampleId :

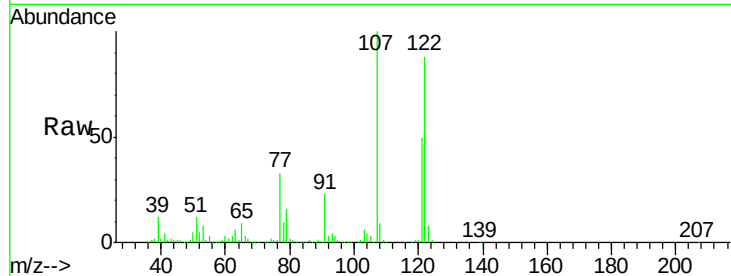
Tot Ion:122 Resp: 1036799

Ion Ratio Lower Upper

122 100

107 114.2 84.8 127.2

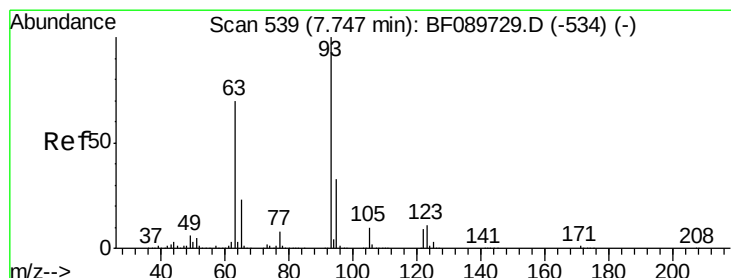
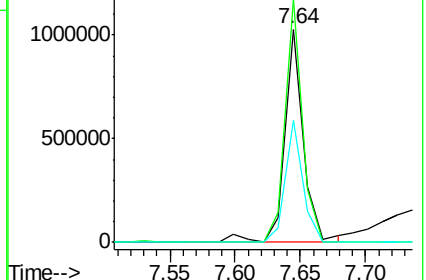
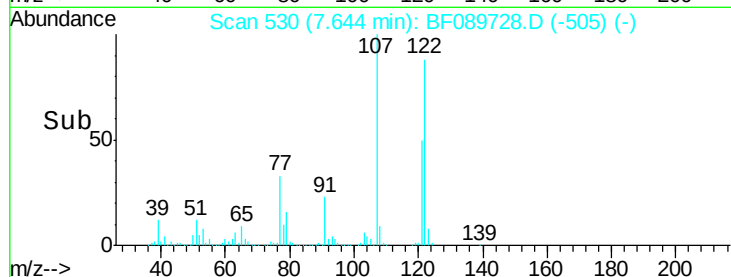
121 57.5 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 26.14 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

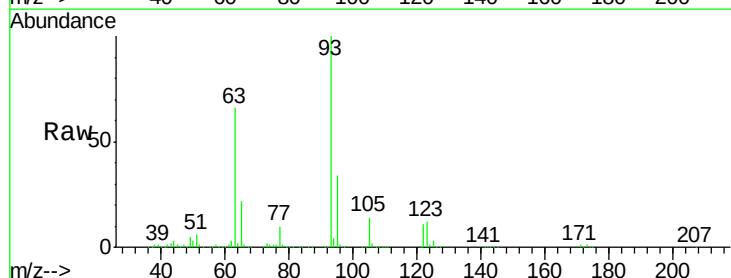
Tgt Ion: 93 Resp: 1419879

Ion Ratio Lower Upper

93 100

95 33.6 25.5 38.3

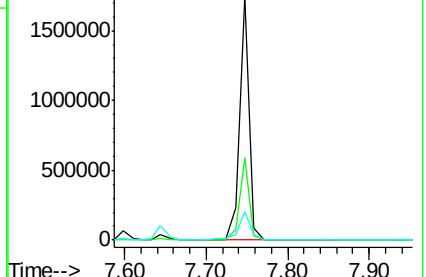
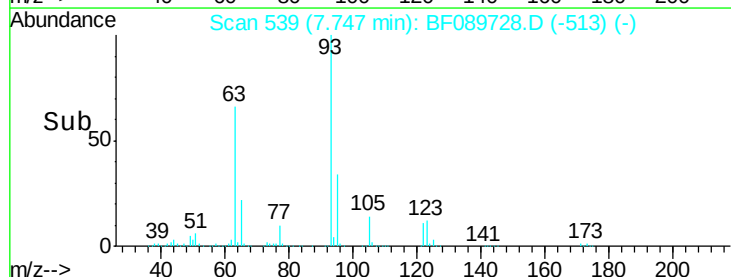
123 11.8 8.5 12.7

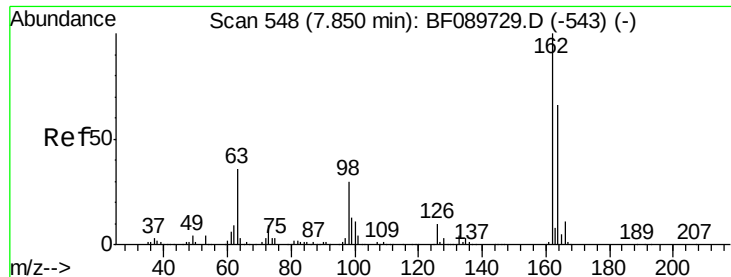


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

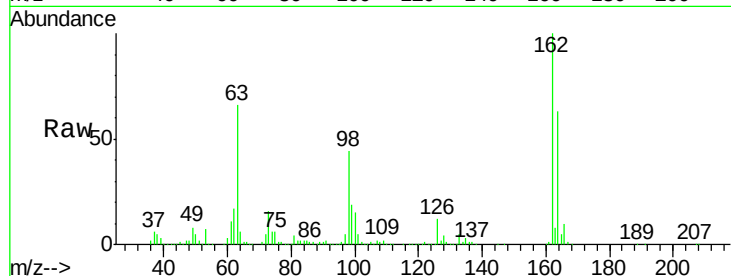




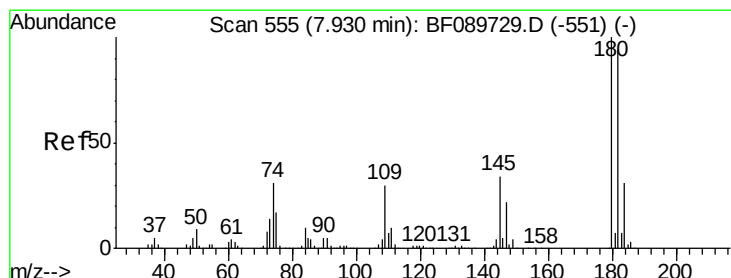
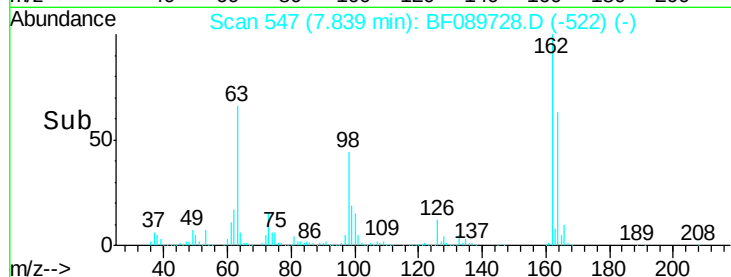
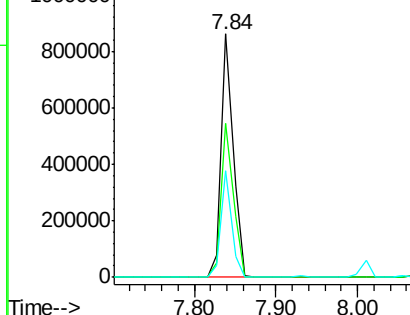
#29  
2,4-Dichlorophenol  
Concen: 24.26 ng  
RT: 7.84 min Scan# 547  
Delta R.T. -0.01 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.1  | 45.5  | 85.5  |
| 98      | 43.8  | 12.4  | 52.4  |

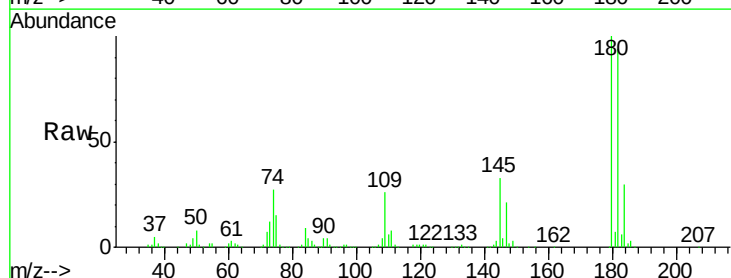


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0

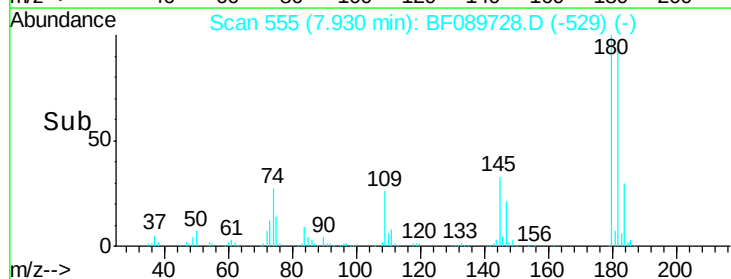
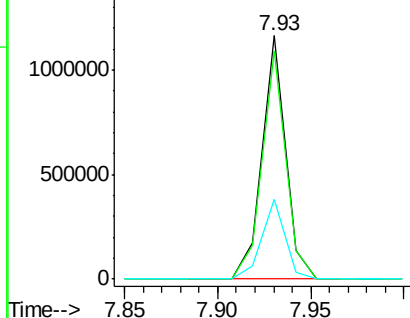


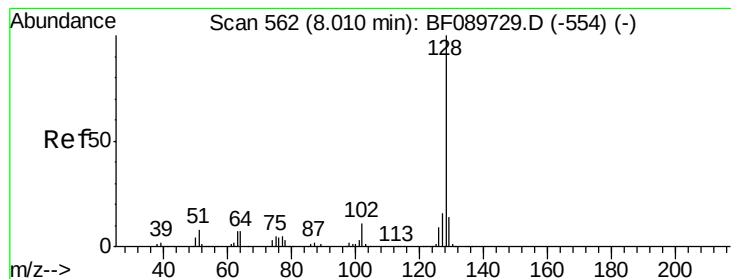
#30  
1,2,4-Trichlorobenzene  
Concen: 26.78 ng  
RT: 7.93 min Scan# 555  
Delta R.T. -0.00 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.7  | 75.5  | 113.3 |
| 145     | 32.7  | 28.7  | 43.1  |



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: 29.02 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampleId :

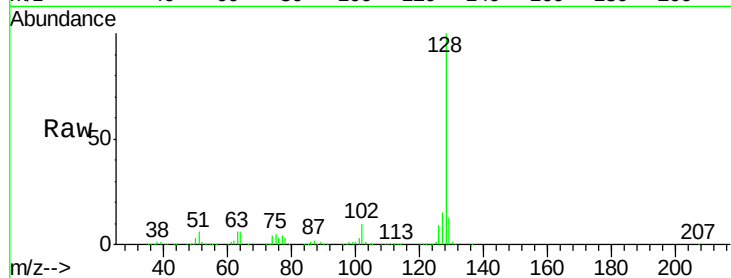
Tot Ion:128 Resp: 3380662

Ion Ratio Lower Upper

128 100

129 12.7 9.5 14.3

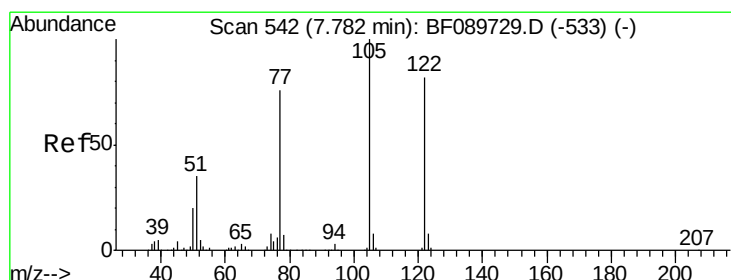
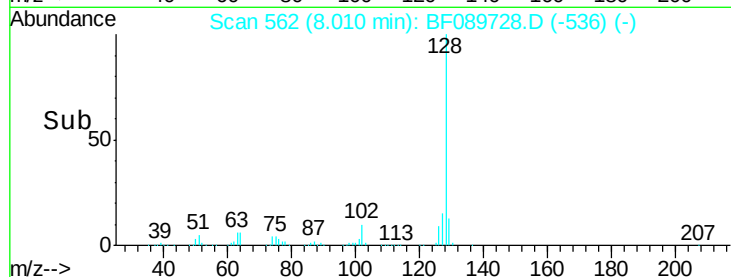
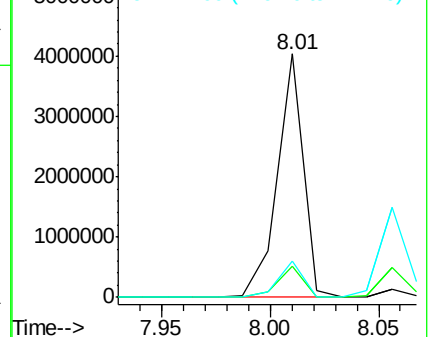
127 14.9 11.3 16.9



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: 29.79 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

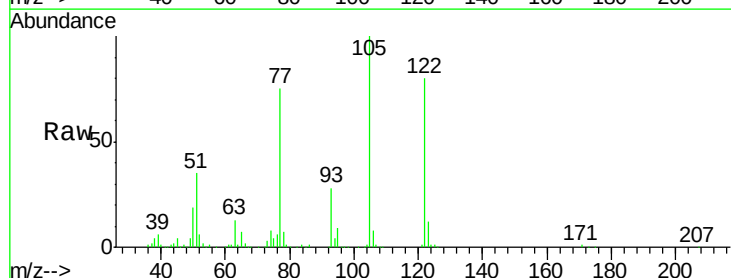
Tgt Ion:122 Resp: 807441

Ion Ratio Lower Upper

122 100

105 124.6 100.8 140.8

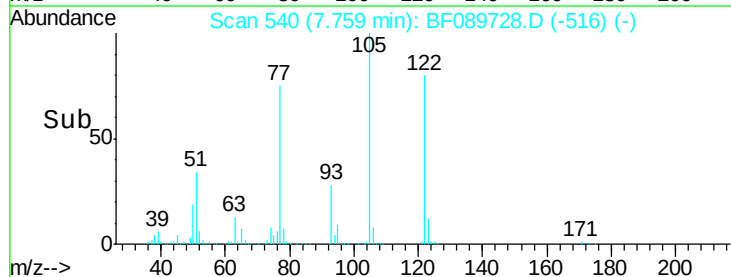
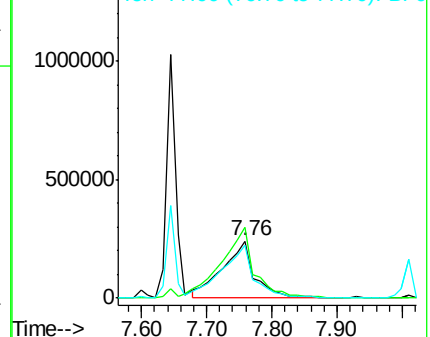
77 93.5 72.1 112.1

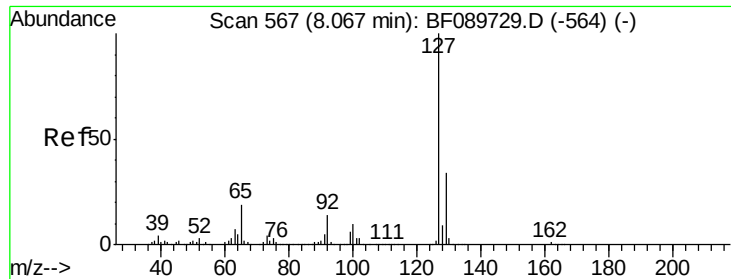


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

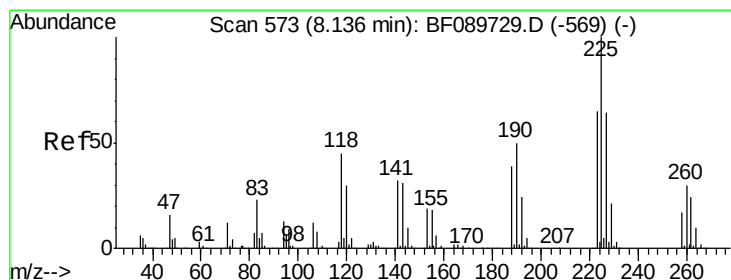
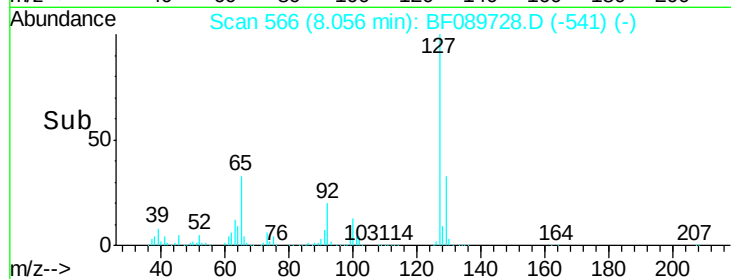
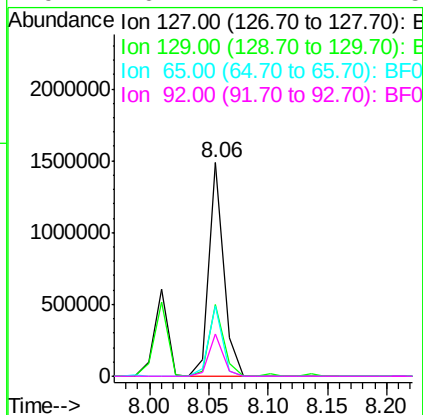
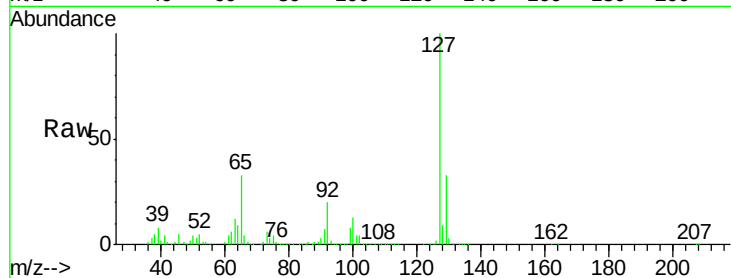




#33  
4-Chloroaniline  
Concen: 23.17 ng  
RT: 8.06 min Scan# 566  
Delta R.T. -0.01 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

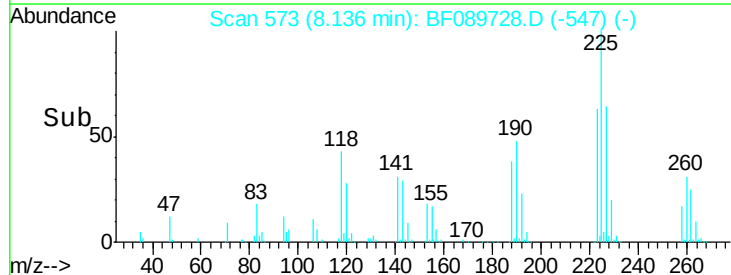
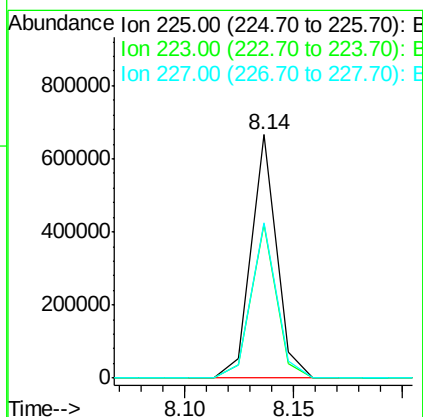
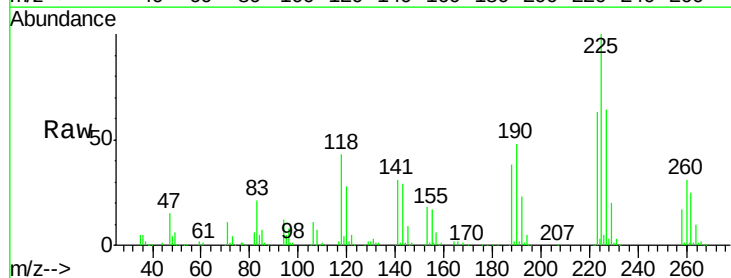
Instrument :  
BNA\_F  
ClientSampleId :

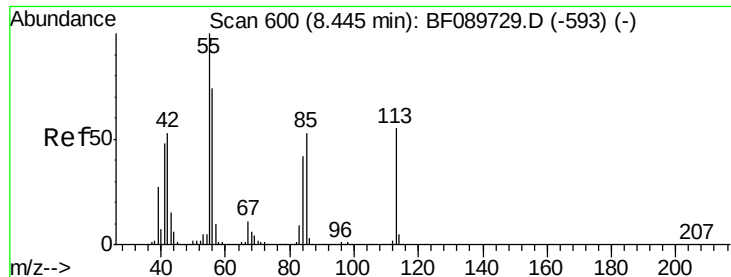
Tot Ion:127 Resp: 1291250  
Ion Ratio Lower Upper  
127 100  
129 33.4 27.0 40.6  
65 33.2 14.7 22.1#  
92 20.1 11.7 17.5#



#34  
Hexachlorobutadiene  
Concen: 28.05 ng  
RT: 8.14 min Scan# 573  
Delta R.T. -0.00 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

Tgt Ion:225 Resp: 541397  
Ion Ratio Lower Upper  
225 100  
223 63.3 51.0 76.6  
227 63.6 49.8 74.6





#35

Caprolactam

Concen: 23.40 ng

RT: 8.42 min Scan# 598

Delta R.T. -0.02 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampleId :

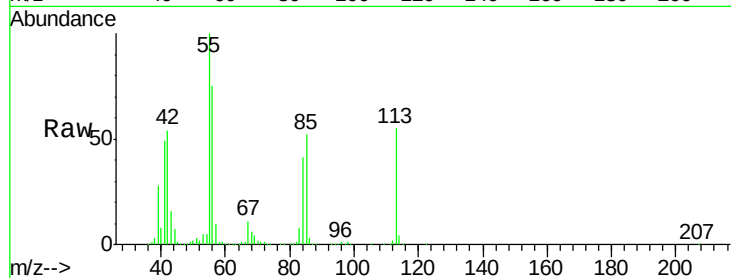
Tot Ion:113 Resp: 259722

Ion Ratio Lower Upper

113 100

55 182.7 135.9 175.9#

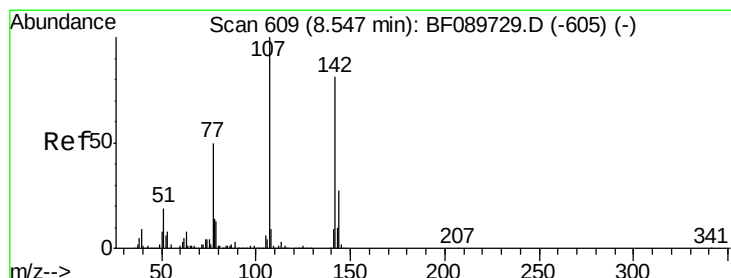
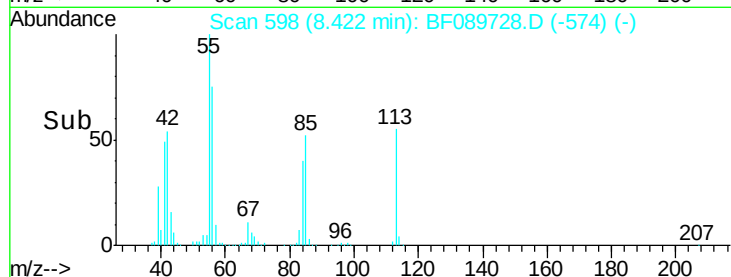
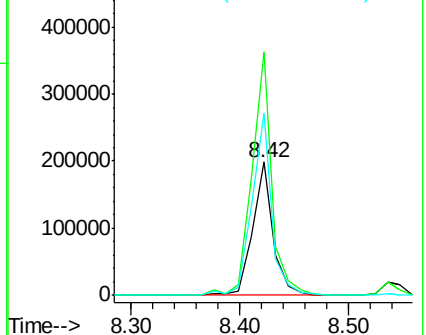
56 136.9 93.9 133.9#



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: 25.51 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

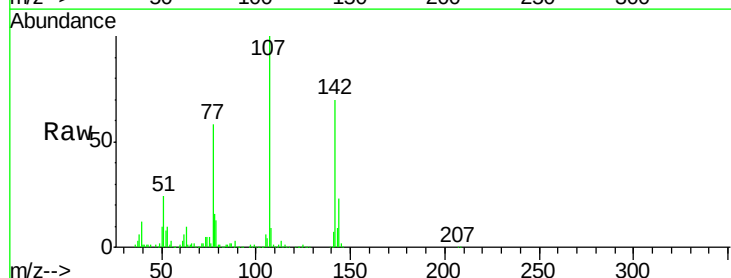
Tgt Ion:107 Resp: 955659

Ion Ratio Lower Upper

107 100

144 23.2 22.6 34.0

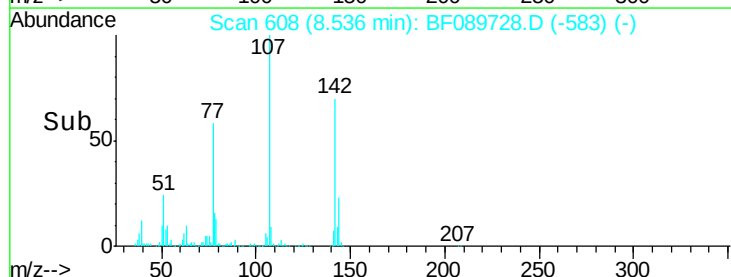
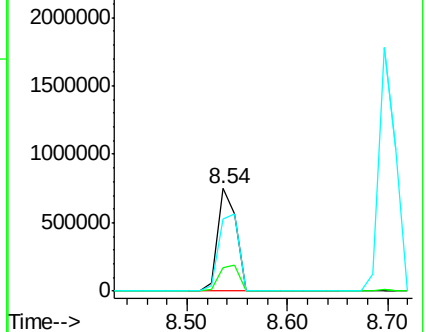
142 70.0 69.3 103.9

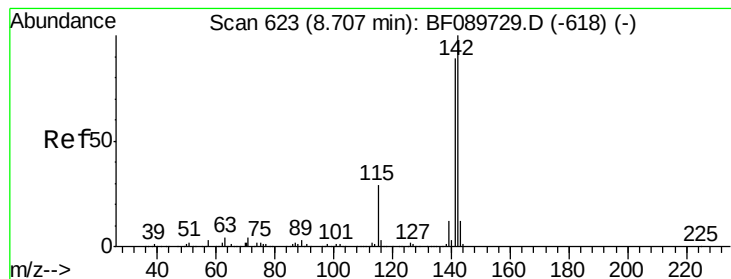


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

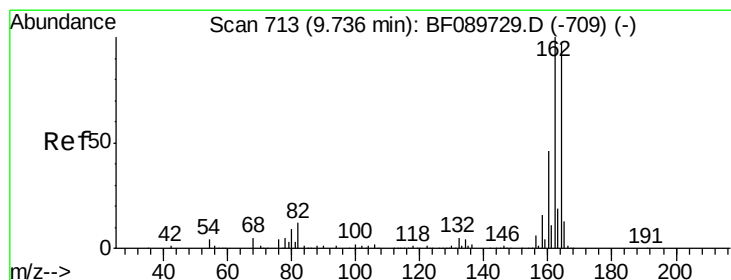
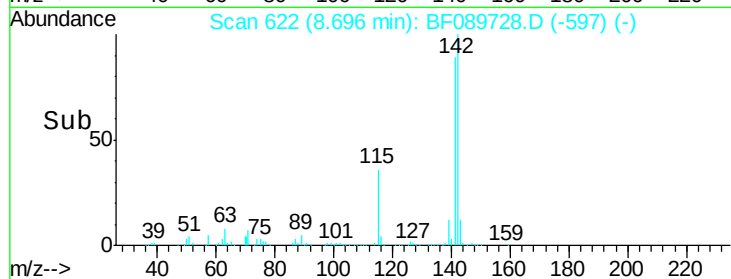
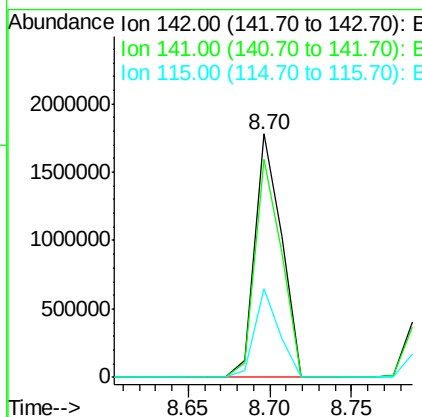
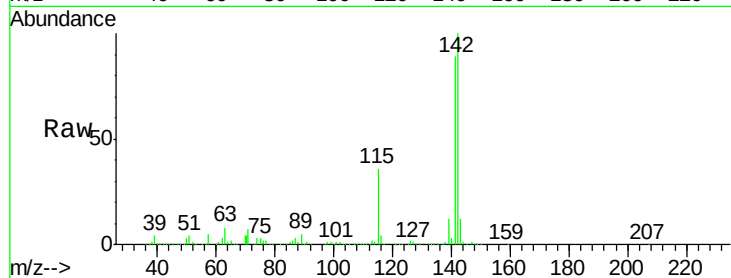




#37  
2-Methylnaphthalene  
Concen: 25.03 ng  
RT: 8.70 min Scan# 622  
Delta R.T. -0.01 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

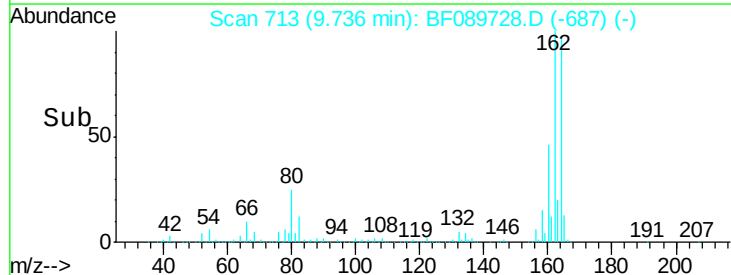
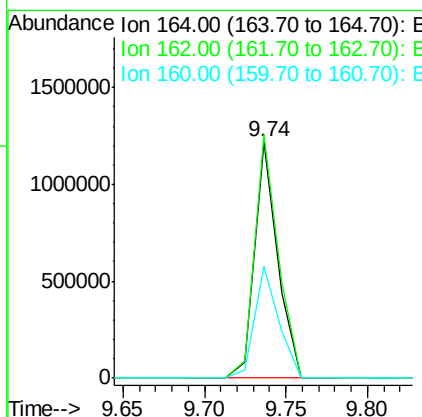
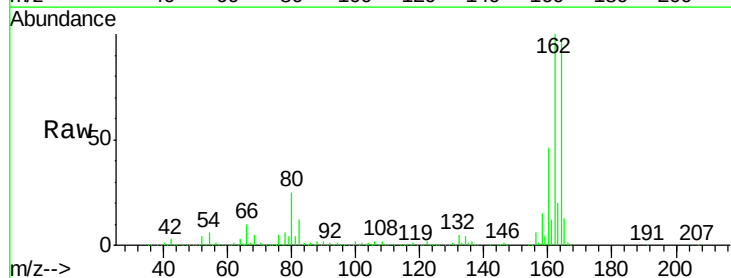
Instrument :  
BNA\_F  
ClientSampleId :

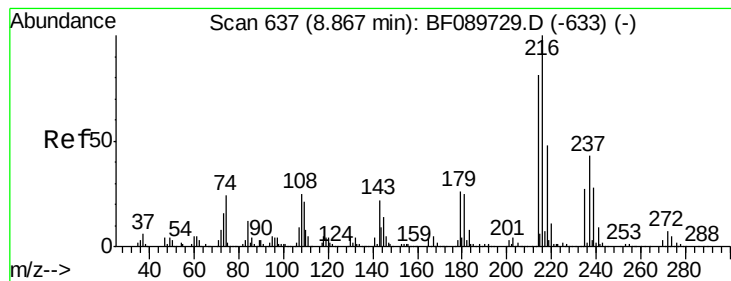
Tot Ion:142 Resp: 2013756  
Ion Ratio Lower Upper  
142 100  
141 89.4 71.4 107.2  
115 36.3 22.7 34.1#



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.74 min Scan# 713  
Delta R.T. 0.00 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

Tgt Ion:164 Resp: 1197305  
Ion Ratio Lower Upper  
164 100  
162 103.0 81.4 122.2  
160 47.1 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.39 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:216 Resp: 1084395

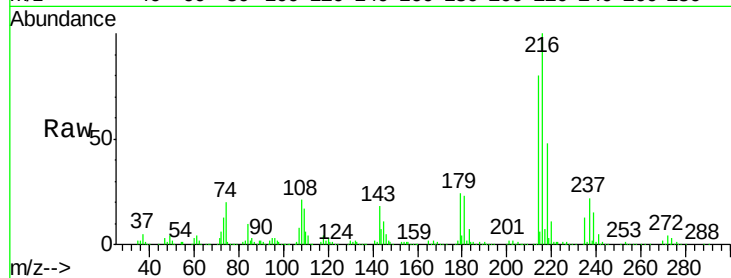
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 80.0  | 63.5  | 95.3  |
| 179 | 23.5  | 19.9  | 29.9  |
| 108 | 22.8  | 19.9  | 29.9  |

216 100

214 80.0 63.5 95.3

179 23.5 19.9 29.9

108 22.8 19.9 29.9

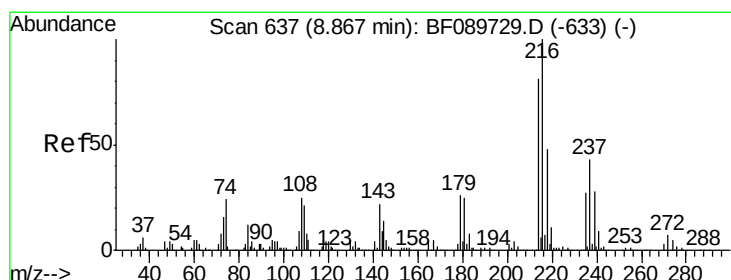
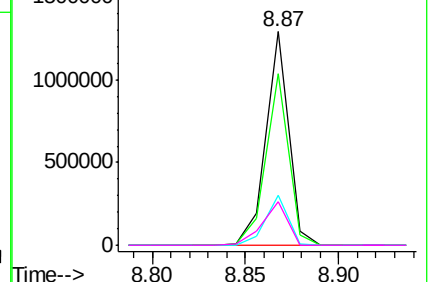
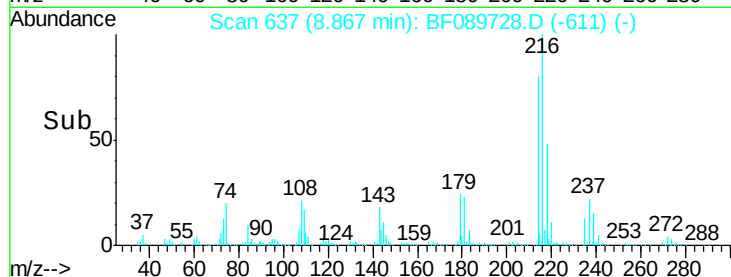


Abundance Ion 216.00 (215.70 to 216.70): E

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: 24.47 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

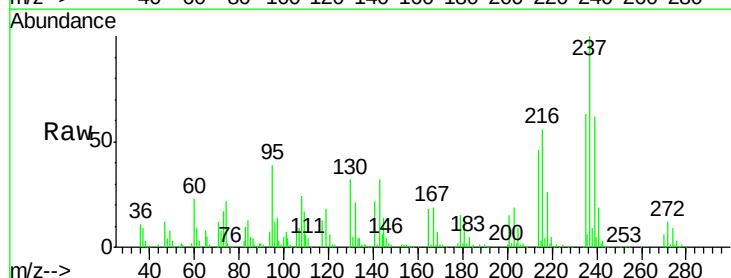
Tgt Ion:237 Resp: 452425

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 62.5  | 43.7  | 83.7  |
| 272 | 11.7  | 0.0   | 31.6  |

237 100

235 62.5 43.7 83.7

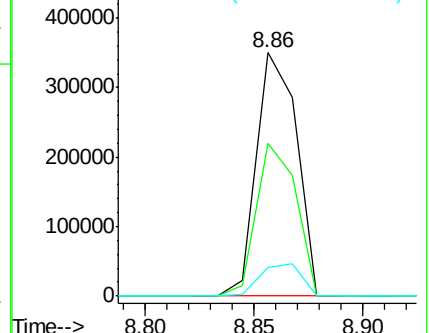
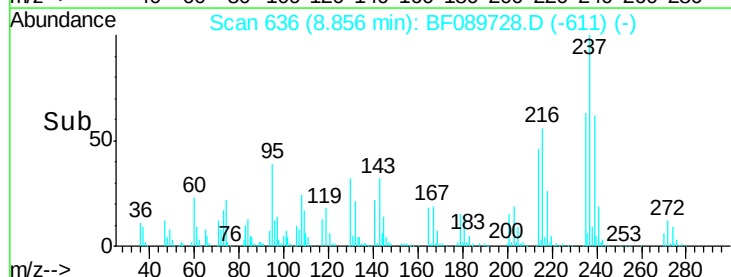
272 11.7 0.0 31.6



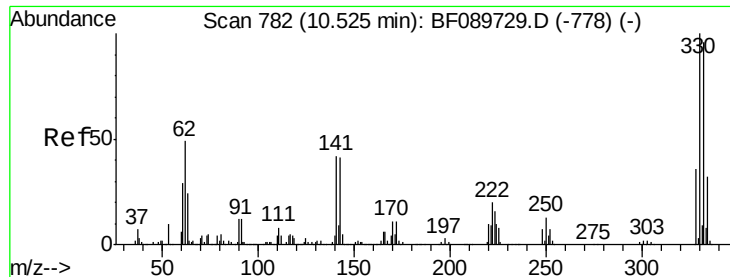
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



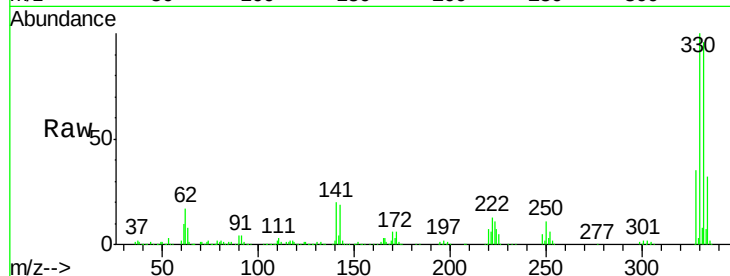




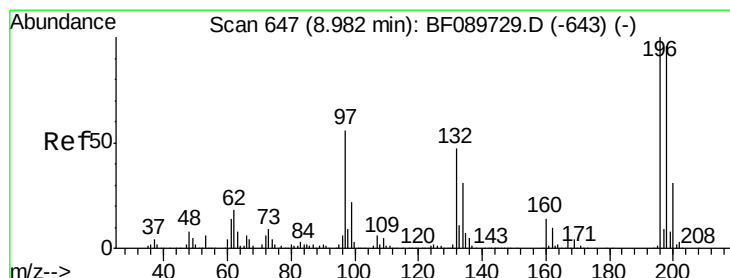
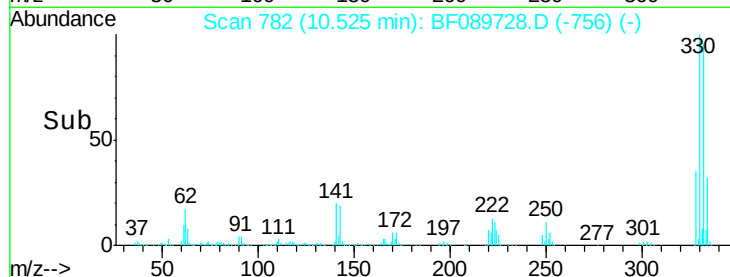
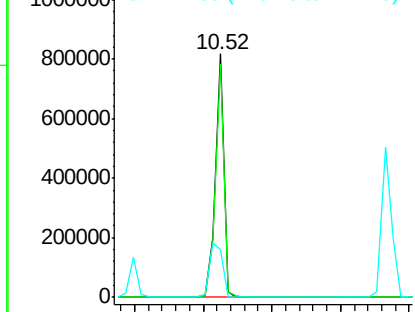
#41  
 2,4,6-Tribromophenol  
 Concen: 30.38 ng  
 RT: 10.52 min Scan# 782  
 Delta R.T. -0.00 min  
 Lab File: BF089728.D  
 Acq: 16 Aug 2016 16:49

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:330 Resp: 722203  
 Ion Ratio Lower Upper  
 330 100  
 332 95.2 76.7 115.1  
 141 34.0 30.2 45.2

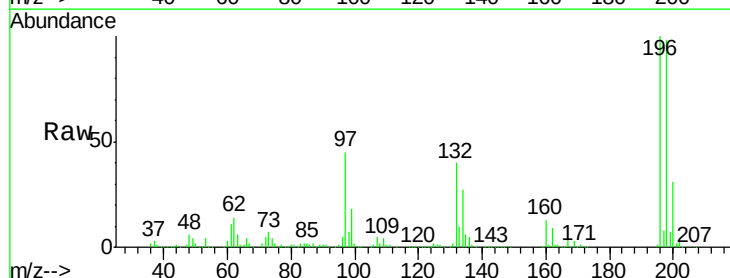


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

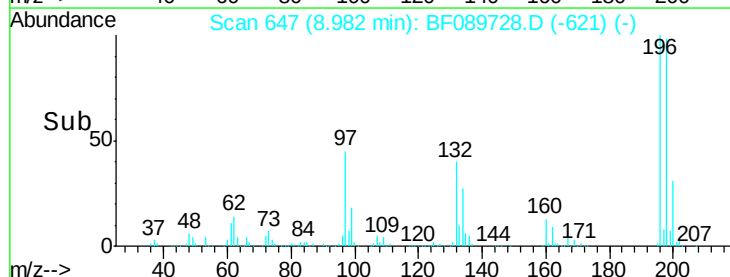
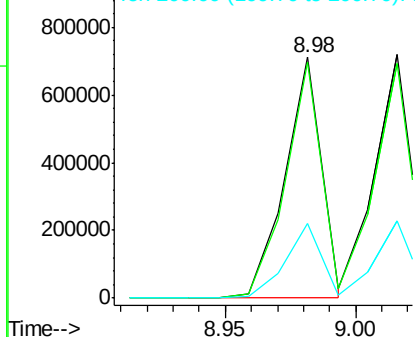


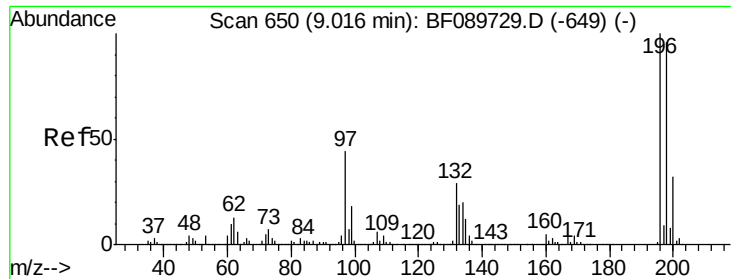
#42  
 2,4,6-Trichlorophenol  
 Concen: 28.67 ng  
 RT: 8.98 min Scan# 647  
 Delta R.T. -0.00 min  
 Lab File: BF089728.D  
 Acq: 16 Aug 2016 16:49

Tgt Ion:196 Resp: 688473  
 Ion Ratio Lower Upper  
 196 100  
 198 97.8 76.3 114.5  
 200 31.1 24.6 36.8



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

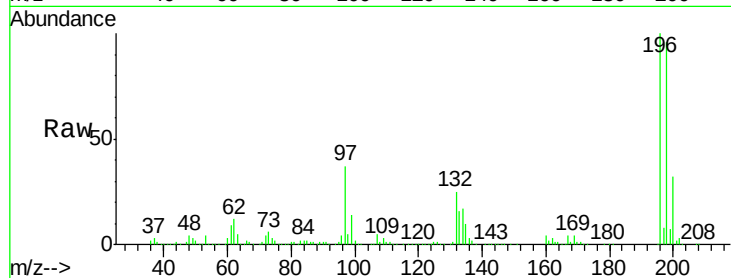




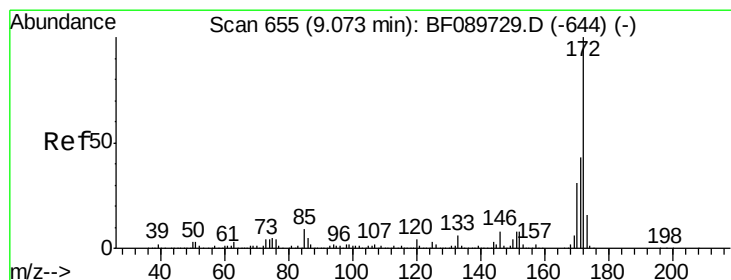
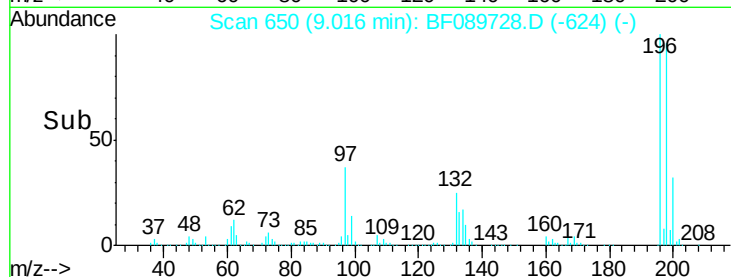
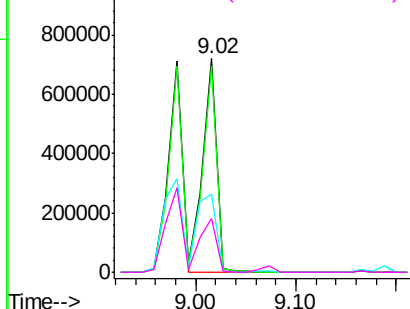
#43  
2,4,5-Trichlorophenol  
Concen: 30.19 ng  
RT: 9.02 min Scan# 650  
Delta R.T. -0.00 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:196 Resp: 690473  
Ion Ratio Lower Upper  
196 100  
198 96.4 76.6 114.8  
97 36.7 35.8 53.8  
132 25.0 23.5 35.3

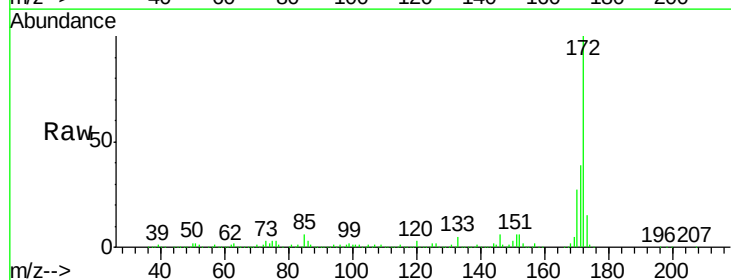


Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BF0  
Ion 132.00 (131.70 to 132.70): E

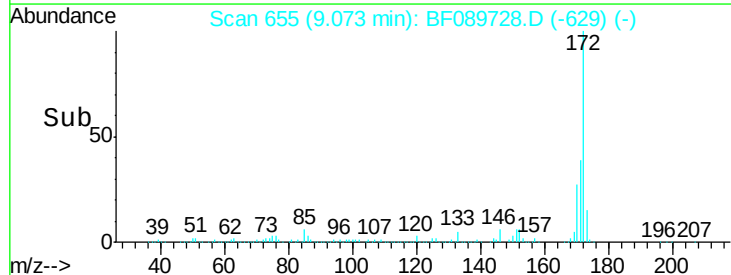
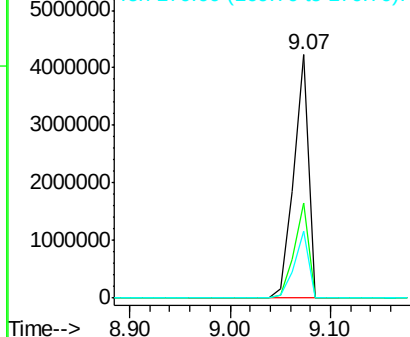


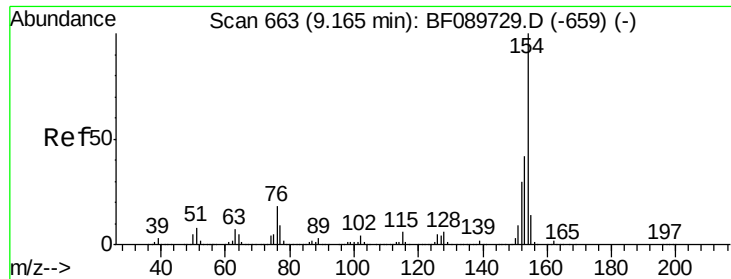
#44  
2-Fluorobiphenyl  
Concen: 31.28 ng  
RT: 9.07 min Scan# 655  
Delta R.T. -0.00 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

Tgt Ion:172 Resp: 4295433  
Ion Ratio Lower Upper  
172 100  
171 39.1 30.5 45.7  
170 27.5 20.6 31.0



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: 24.99 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampleId :

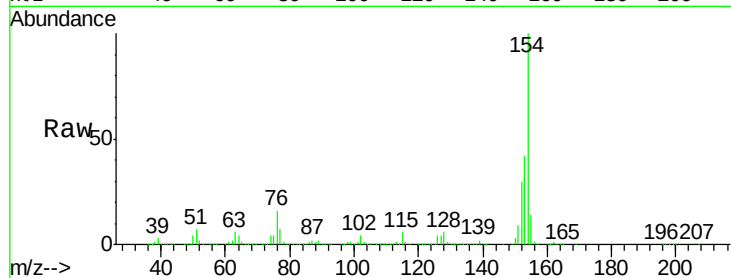
Tot Ion:154 Resp: 2479045

Ion Ratio Lower Upper

154 100

153 42.2 21.5 61.5

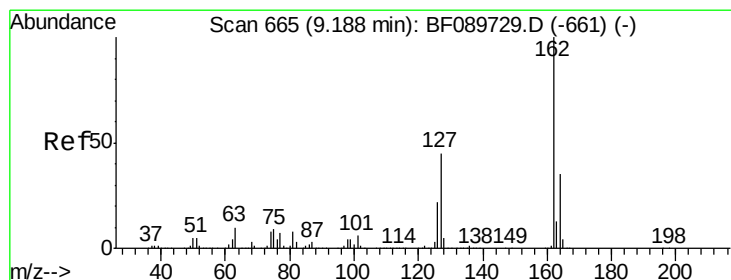
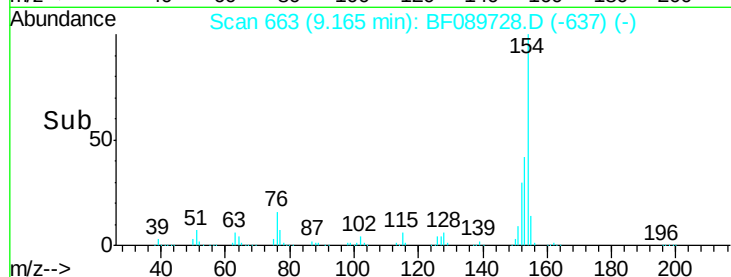
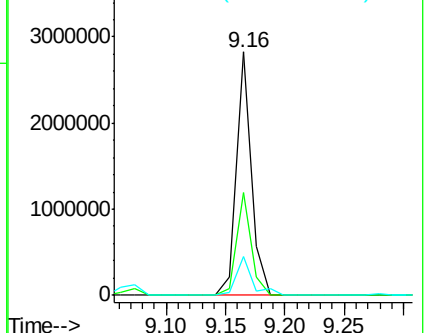
76 15.9 0.0 36.7



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: 29.99 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

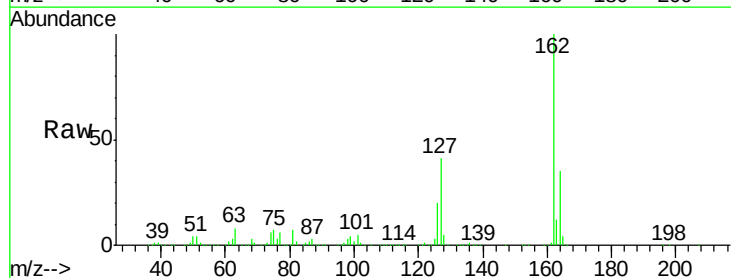
Tgt Ion:162 Resp: 2156819

Ion Ratio Lower Upper

162 100

127 41.4 35.5 53.3

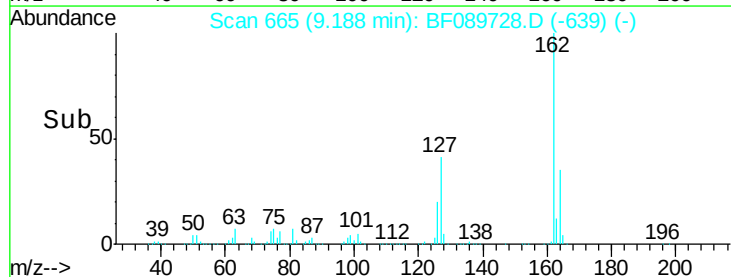
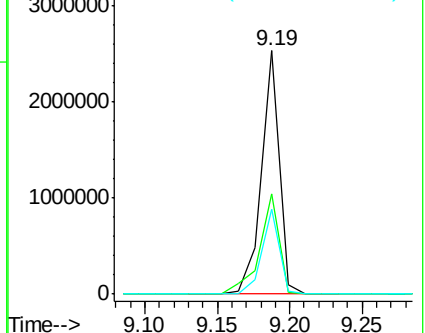
164 34.9 26.6 40.0

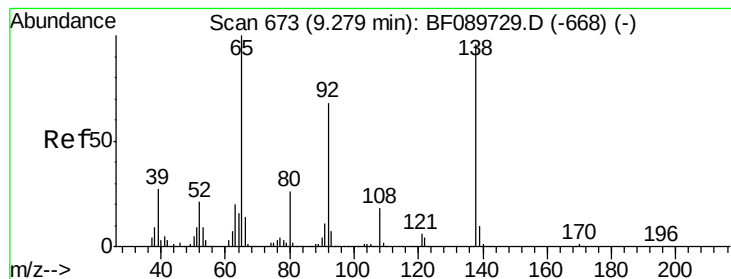


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 26.81 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampled :

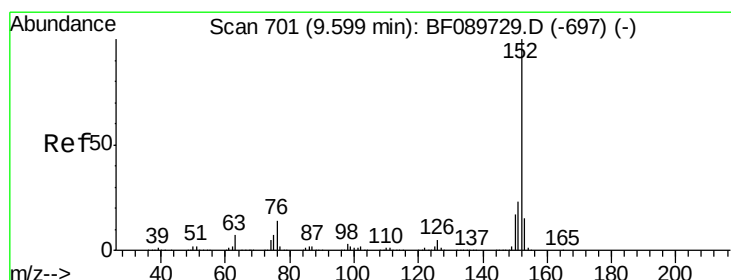
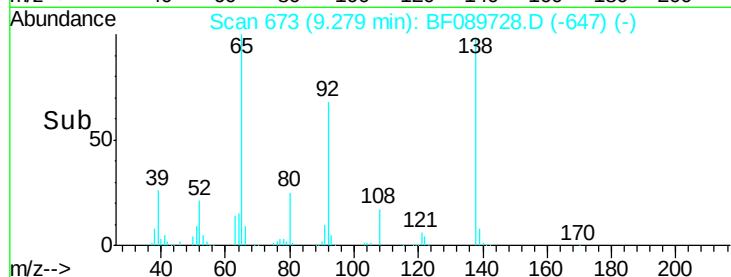
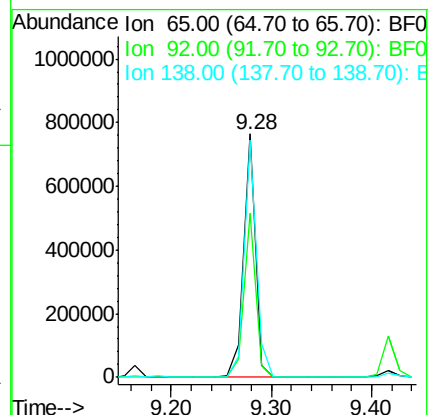
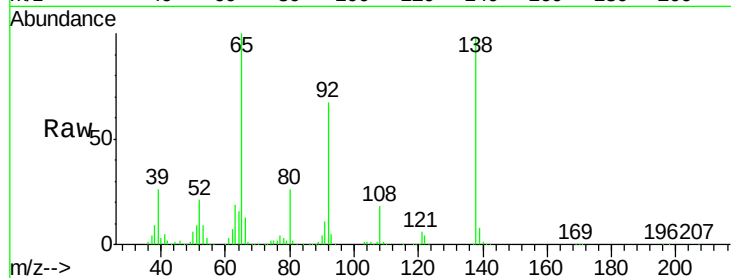
Tot Ion: 65 Resp: 623524

Ion Ratio Lower Upper

65 100

92 67.4 56.3 84.5

138 97.6 81.8 122.8



#48

Acenaphthylene

Concen: 28.51 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

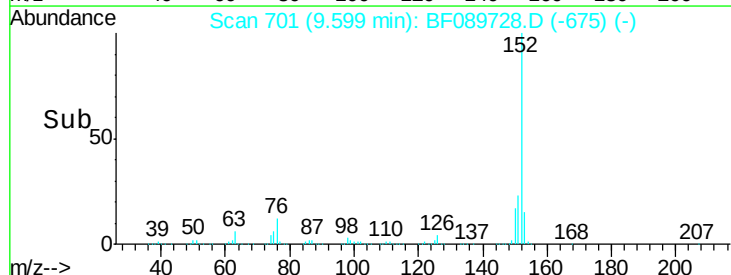
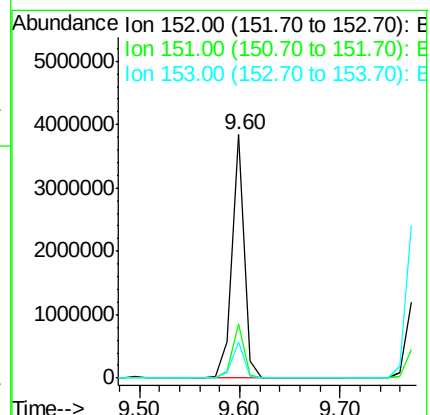
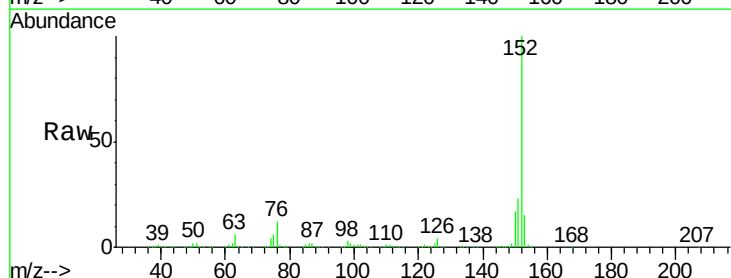
Tgt Ion: 152 Resp: 3227756

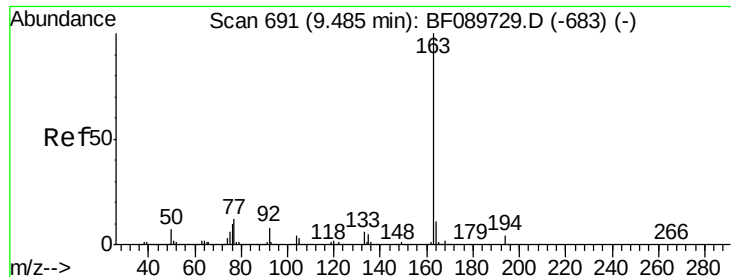
Ion Ratio Lower Upper

152 100

151 22.5 17.1 25.7

153 14.9 11.2 16.8





#49

Dimethylphthalate

Concen: 28.72 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampleId :

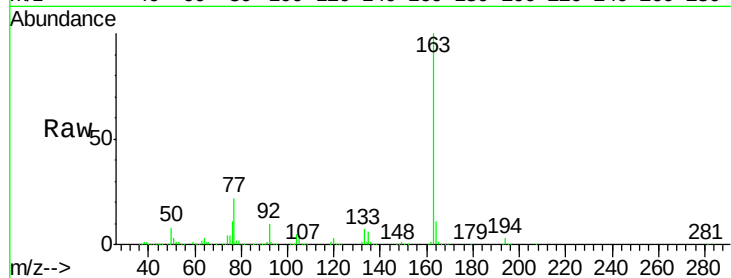
Tot Ion:163 Resp: 2409870

Ion Ratio Lower Upper

163 100

194 3.4 2.6 3.8

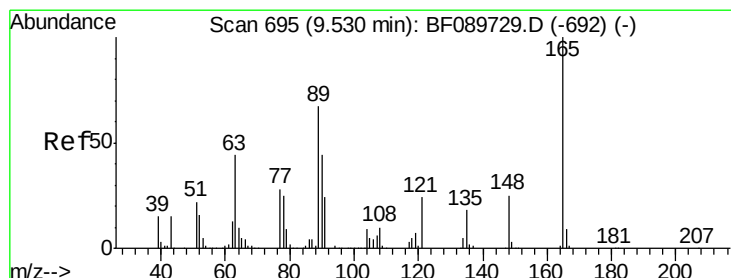
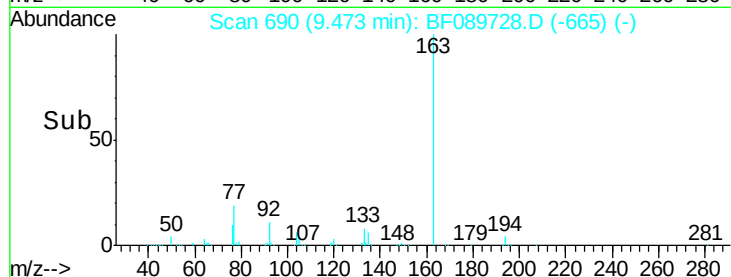
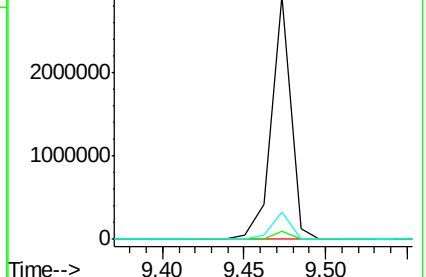
164 11.2 8.6 12.8



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: 31.11 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

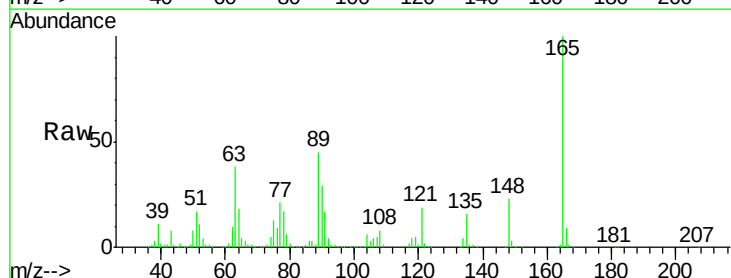
Tgt Ion:165 Resp: 578261

Ion Ratio Lower Upper

165 100

63 38.1 41.7 62.5#

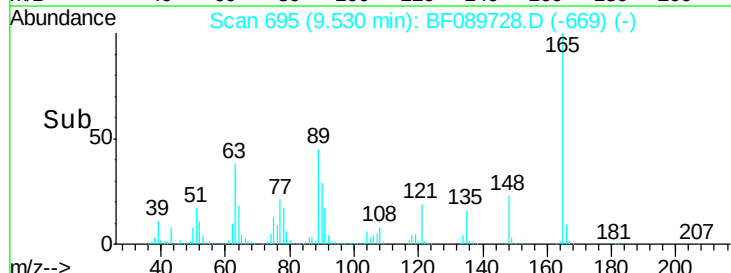
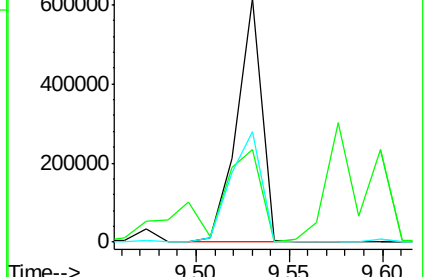
89 45.2 44.6 67.0

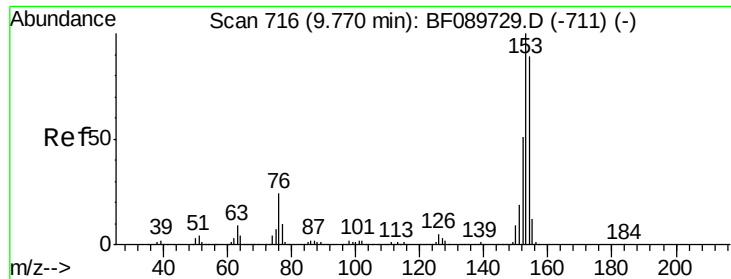


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 26.99 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampled :

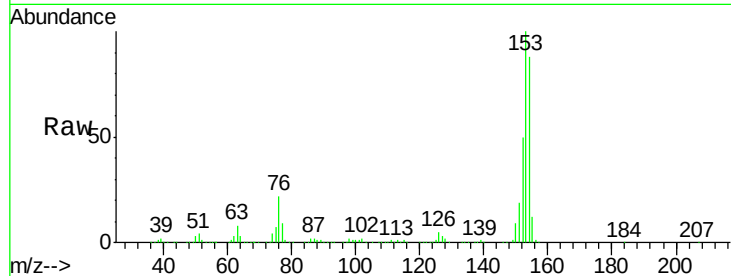
Tot Ion:154 Resp: 2000409

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

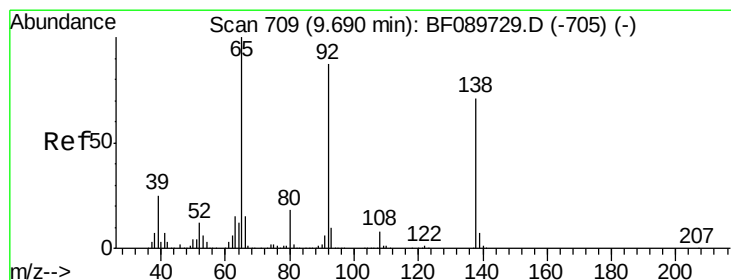
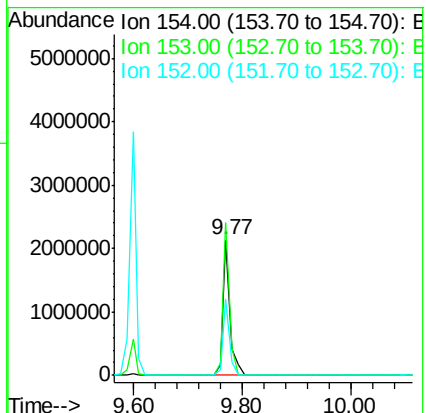
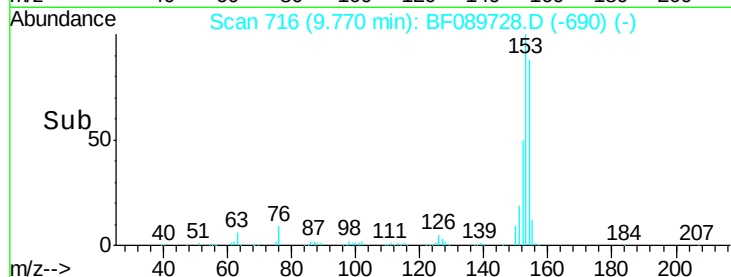
152 56.4 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.04 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

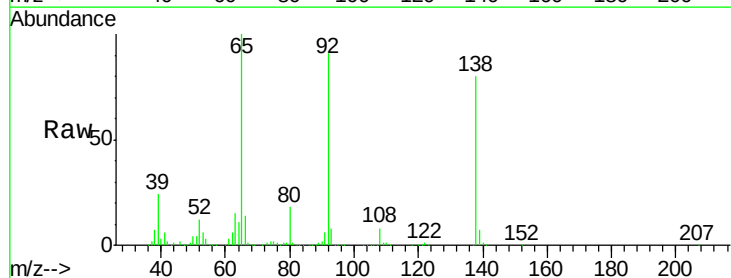
Tgt Ion:138 Resp: 651847

Ion Ratio Lower Upper

138 100

108 10.0 8.1 12.1

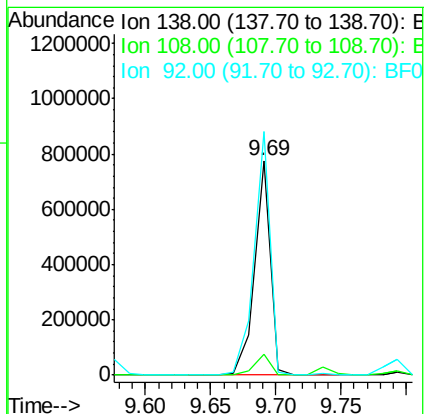
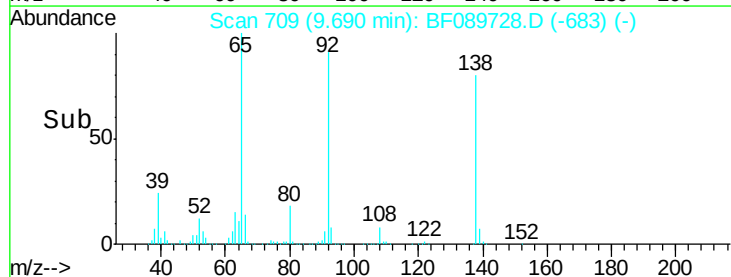
92 113.5 92.7 139.1

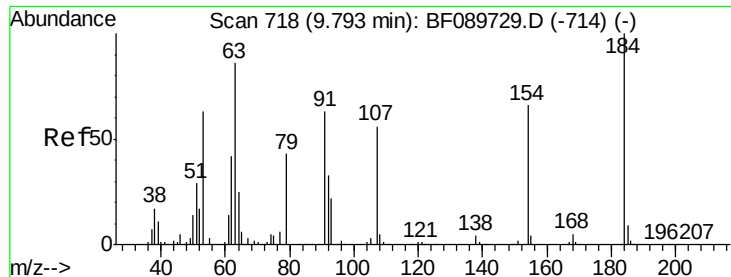


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

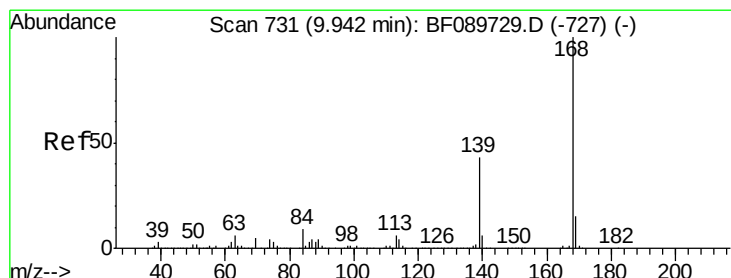
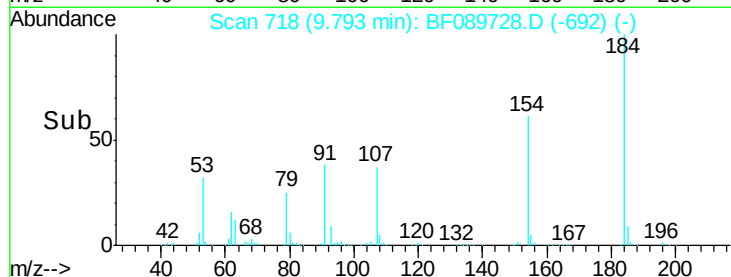
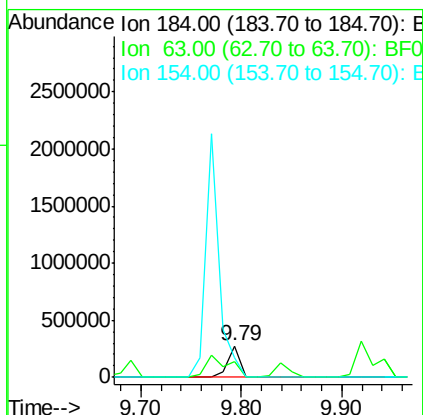
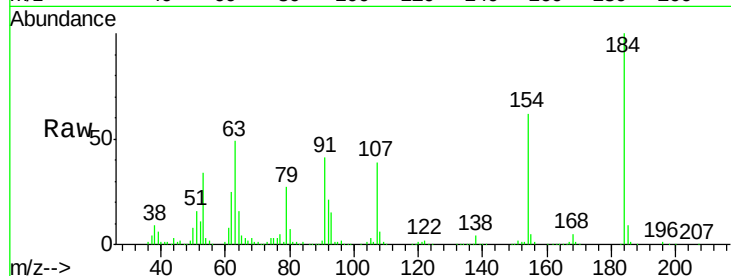




#53  
 2,4-Dinitrophenol  
 Concen: 35.56 ng  
 RT: 9.79 min Scan# 718  
 Delta R.T. -0.00 min  
 Lab File: BF089728.D  
 Acq: 16 Aug 2016 16:49

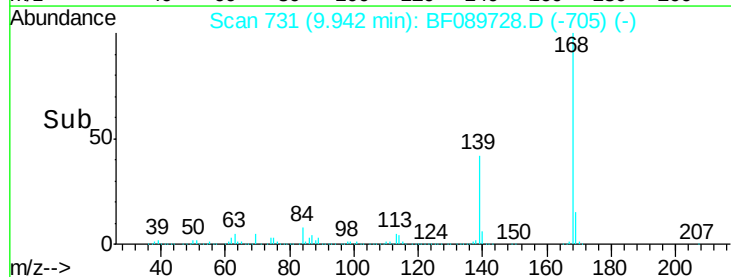
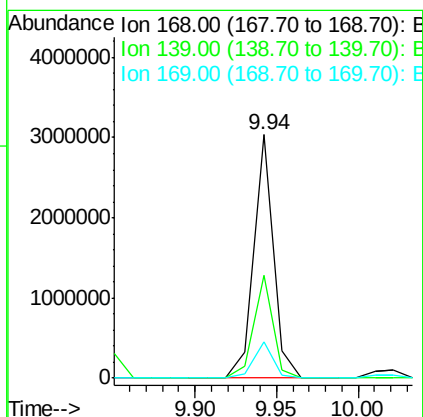
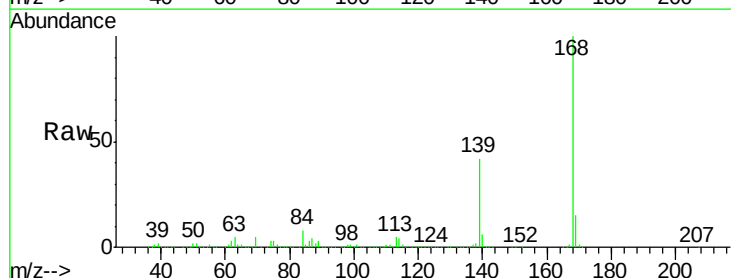
Instrument :  
 BNA\_F  
 ClientSampleId :

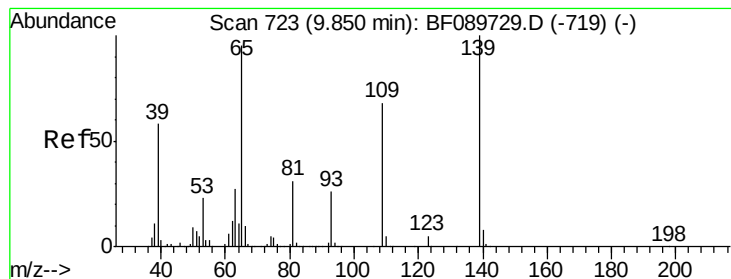
Tot Ion:184 Resp: 234868  
 Ion Ratio Lower Upper  
 184 100  
 63 48.6 54.2 81.4#  
 154 61.7 52.7 79.1



#54  
 Dibenzofuran  
 Concen: 24.28 ng  
 RT: 9.94 min Scan# 731  
 Delta R.T. -0.00 min  
 Lab File: BF089728.D  
 Acq: 16 Aug 2016 16:49

Tgt Ion:168 Resp: 2551894  
 Ion Ratio Lower Upper  
 168 100  
 139 42.1 34.6 52.0  
 169 14.7 11.5 17.3





#55

4-Nitrophenol

Concen: 26.48 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampleId :

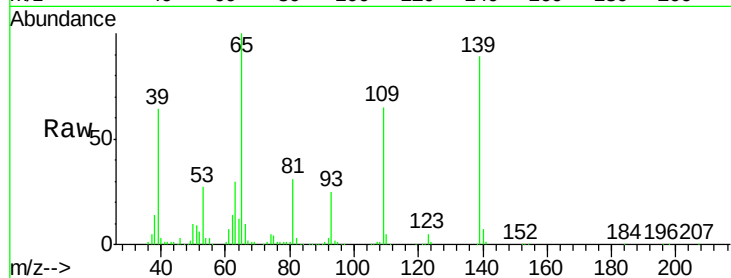
Tot Ion:139 Resp: 488085

Ion Ratio Lower Upper

139 100

109 73.9 43.0 83.0

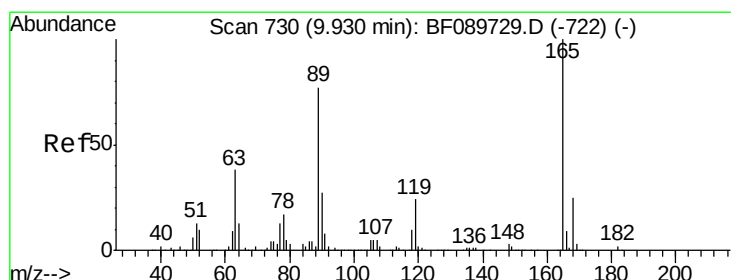
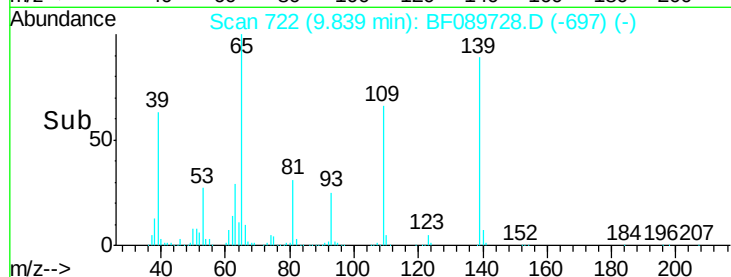
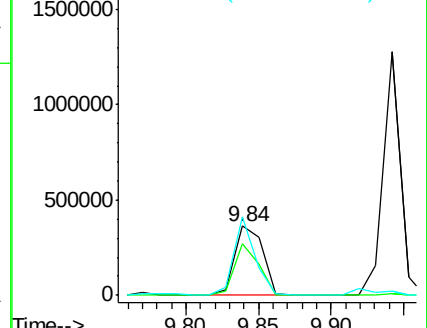
65 112.9 55.7 95.7#



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: 26.72 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Tgt Ion:165 Resp: 641422

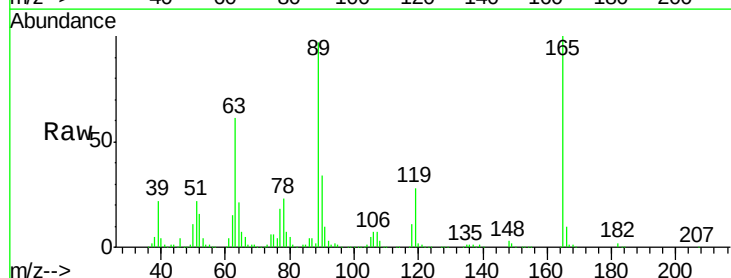
Ion Ratio Lower Upper

165 100

63 60.6 23.7 35.5#

89 96.5 44.0 66.0#

182 1.9 2.0 3.0#

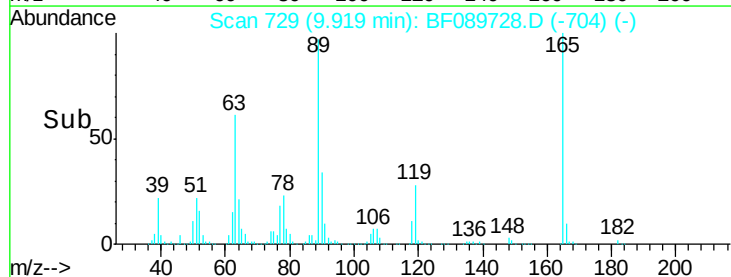
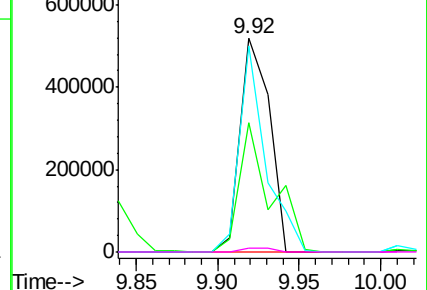


Abundance Ion 165.00 (164.70 to 165.70): E

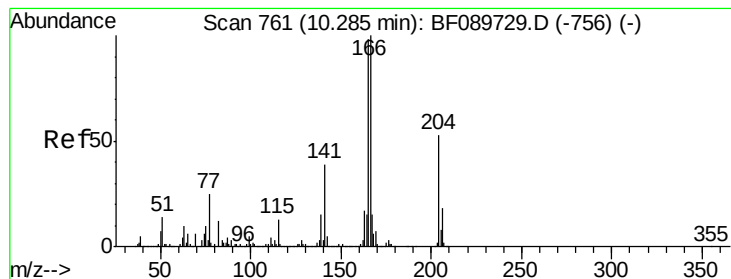
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E







#57

Fluorene

Concen: 29.93 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampleId :

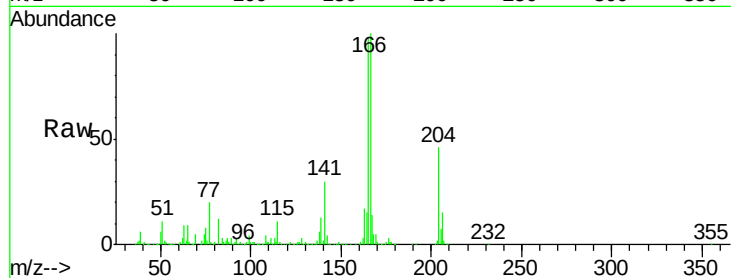
Tot Ion:166 Resp: 2256074

Ion Ratio Lower Upper

166 100

165 98.4 80.2 120.4

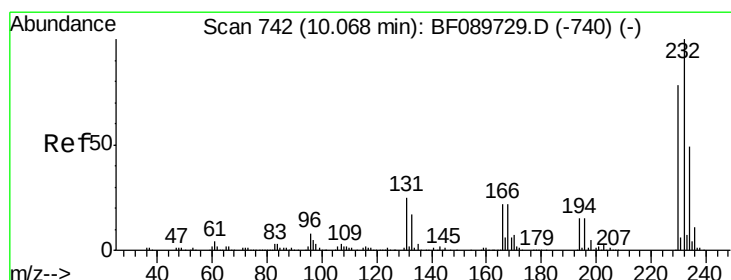
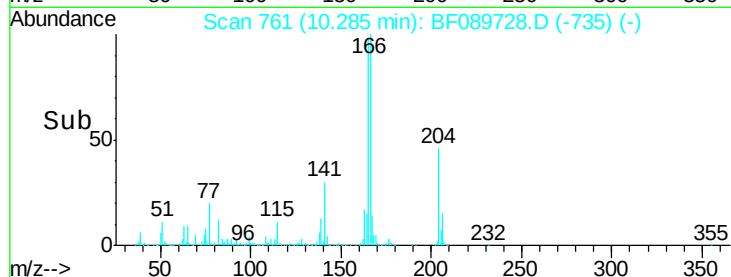
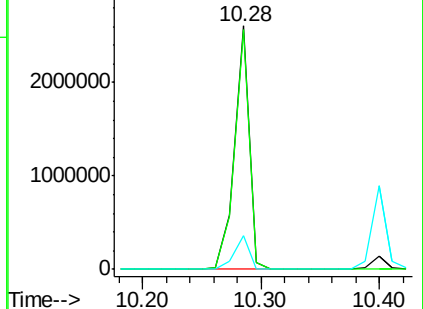
167 14.0 11.3 16.9



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: 24.01 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Tgt Ion:232 Resp: 474400

Ion Ratio Lower Upper

232 100

131 58.3 42.5 63.7

130 2.7 2.2 3.4

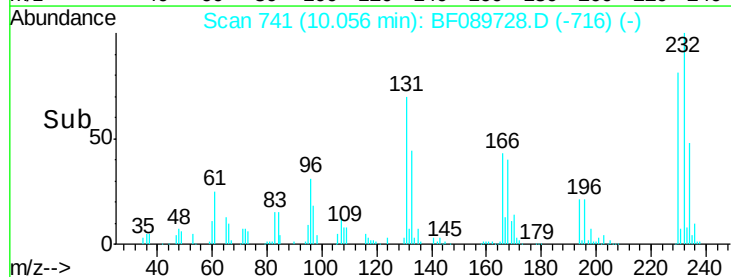
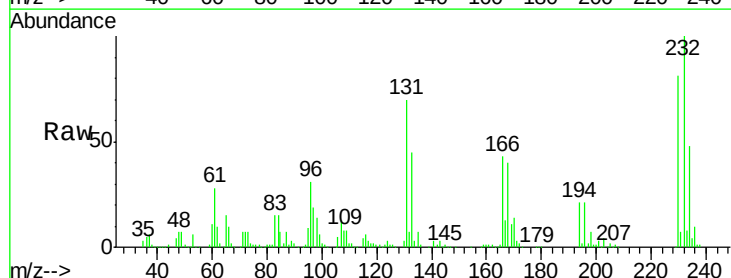
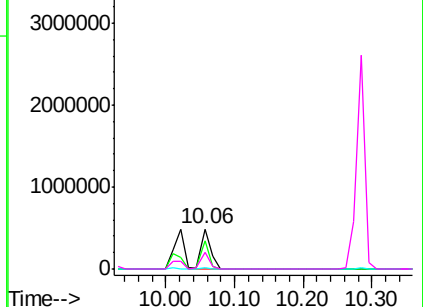
166 36.6 27.3 40.9

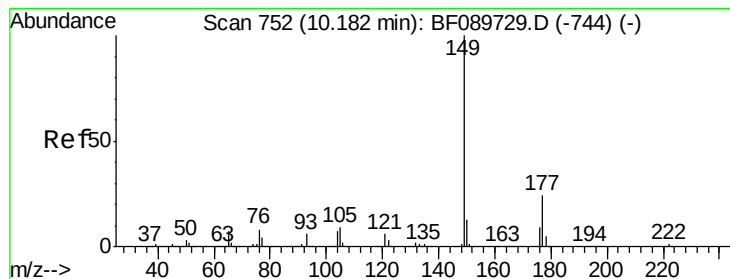
Abundance Ion 232.00 (231.70 to 232.70): E

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: 28.04 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampled :

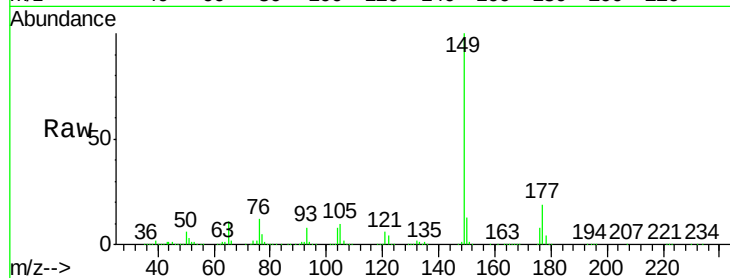
Tot Ion:149 Resp: 2404522

Ion Ratio Lower Upper

149 100

177 19.5 16.6 25.0

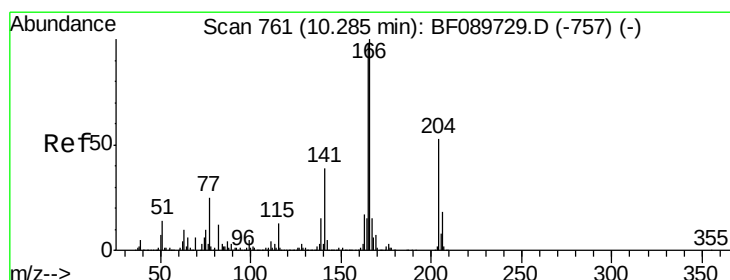
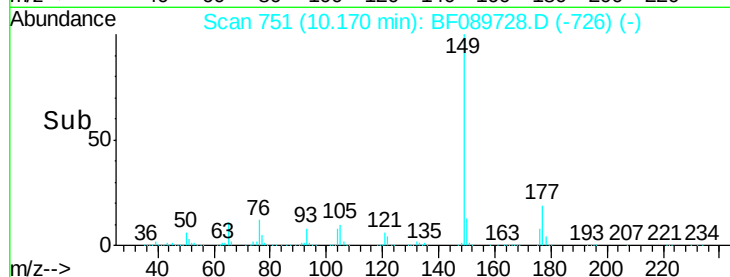
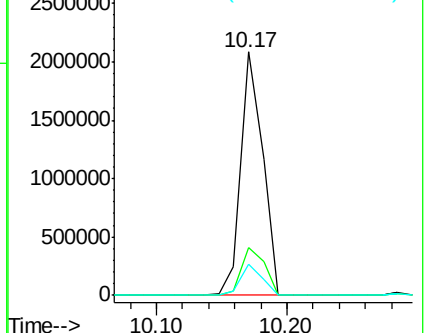
150 13.0 10.5 15.7



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: 29.79 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

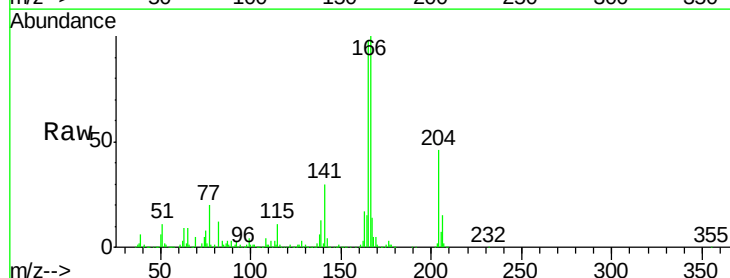
Tgt Ion:204 Resp: 990985

Ion Ratio Lower Upper

204 100

206 33.9 26.5 39.7

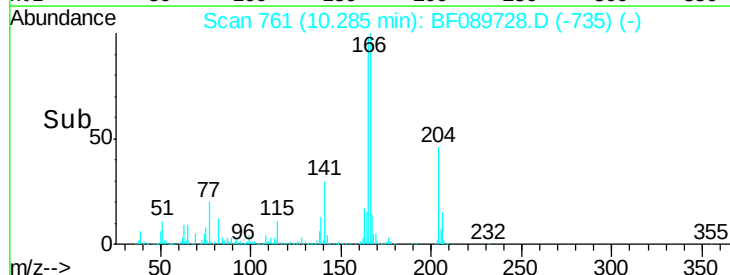
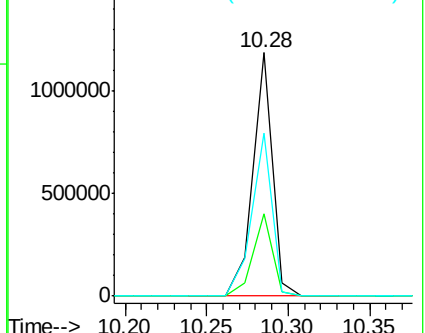
141 66.9 54.1 81.1

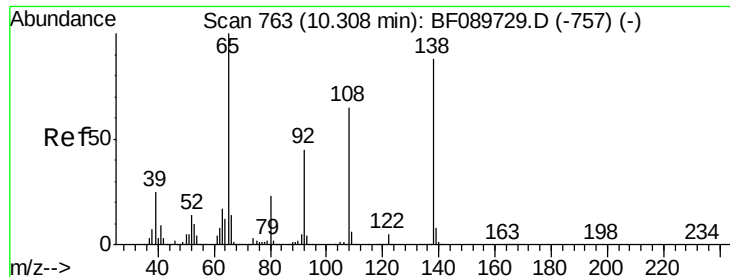


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

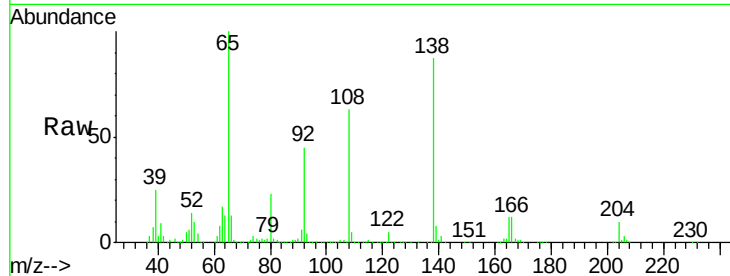




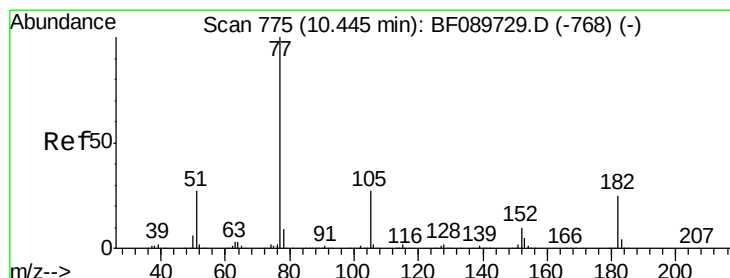
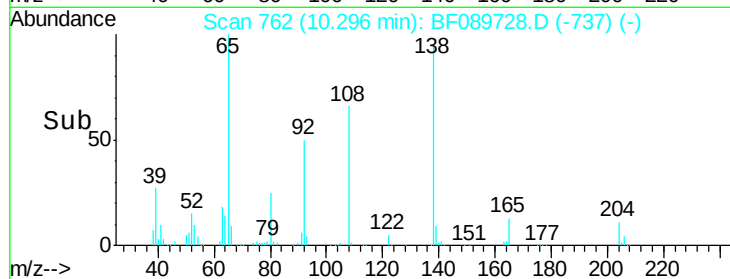
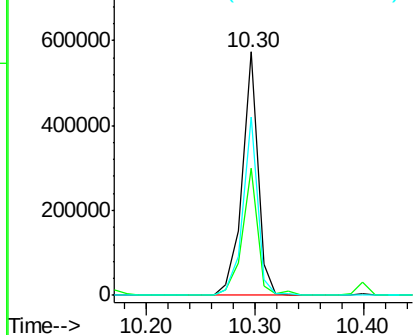
#61  
4-Nitroaniline  
Concen: 26.82 ng  
RT: 10.30 min Scan# 762  
Delta R.T. -0.01 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:138 Resp: 570831  
Ion Ratio Lower Upper  
138 100  
92 52.4 26.4 66.4  
108 73.0 47.0 87.0

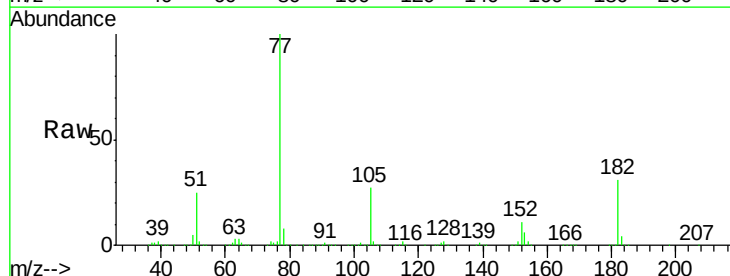


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

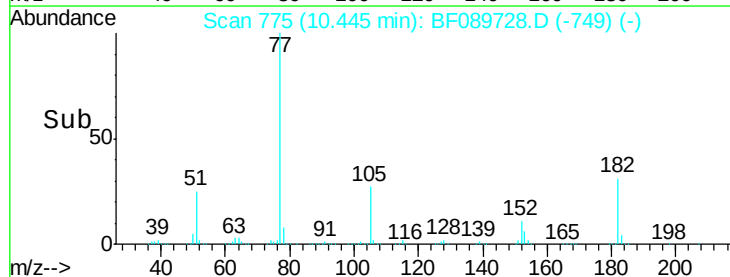
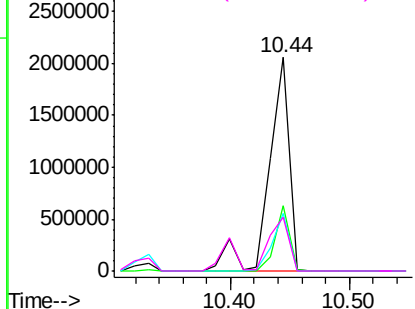


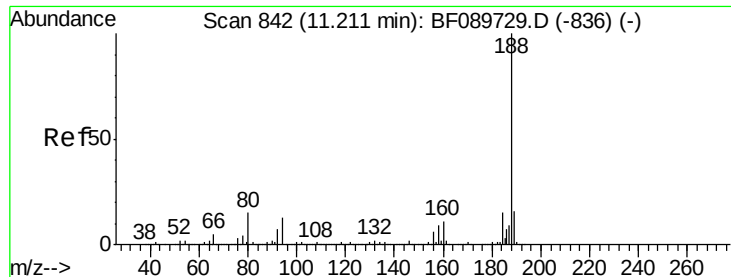
#62  
Azobenzene  
Concen: 26.23 ng  
RT: 10.44 min Scan# 775  
Delta R.T. -0.00 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

Tgt Ion: 77 Resp: 2437863  
Ion Ratio Lower Upper  
77 100  
182 30.6 5.6 45.6  
105 26.8 4.0 44.0  
51 25.2 7.8 47.8



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

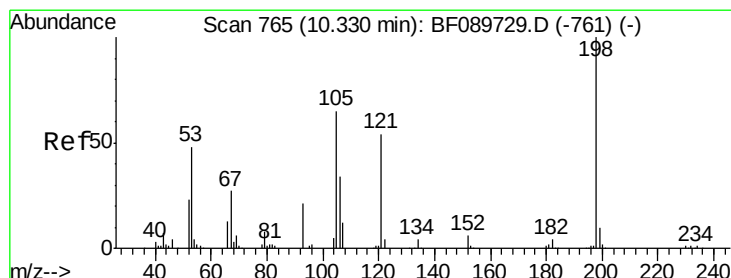
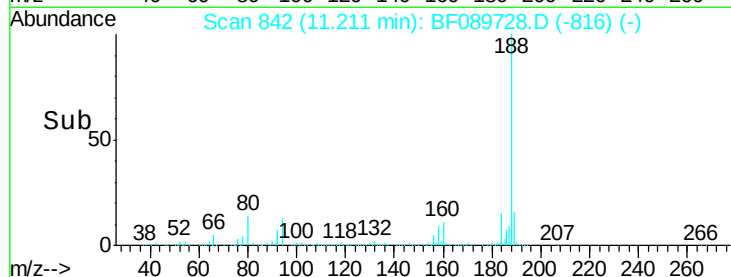
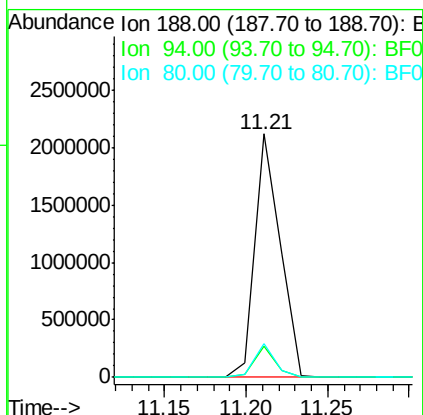
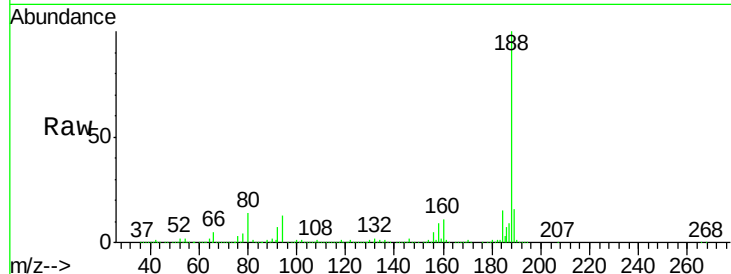




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.21 min Scan# 842  
Delta R.T. -0.00 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

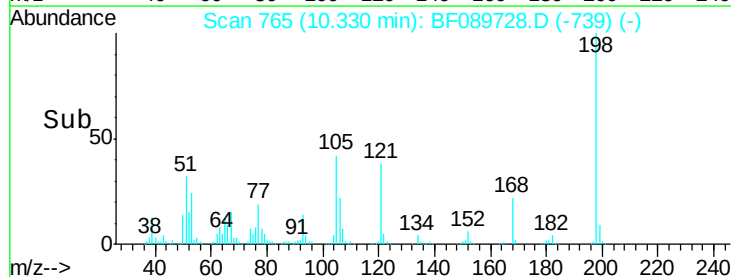
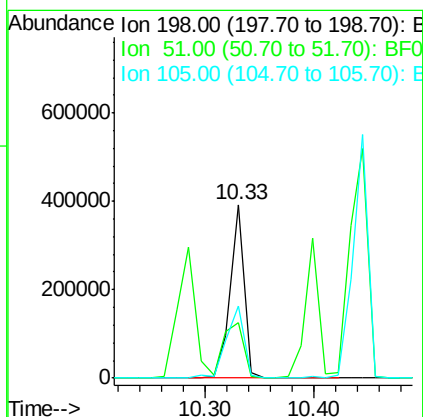
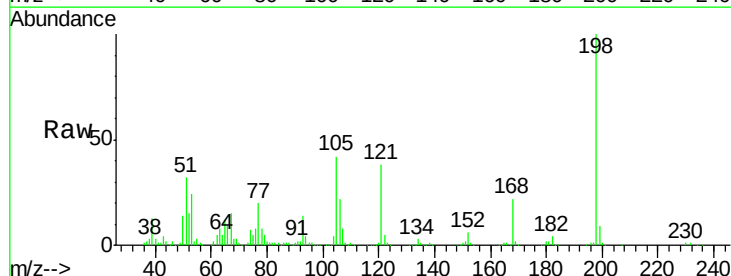
Instrument :  
BNA\_F  
ClientSampled :

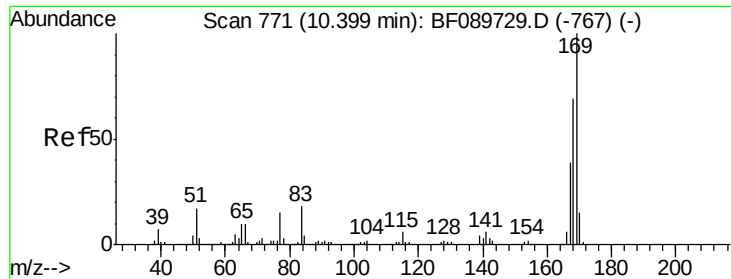
Tot Ion:188 Resp: 2291491  
Ion Ratio Lower Upper  
188 100  
94 12.8 10.2 15.2  
80 13.9 10.9 16.3



#64  
4,6-Dinitro-2-methylphenol  
Concen: 28.44 ng  
RT: 10.33 min Scan# 765  
Delta R.T. -0.00 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

Tgt Ion:198 Resp: 349540  
Ion Ratio Lower Upper  
198 100  
51 32.2 32.3 72.3#  
105 41.7 32.9 72.9



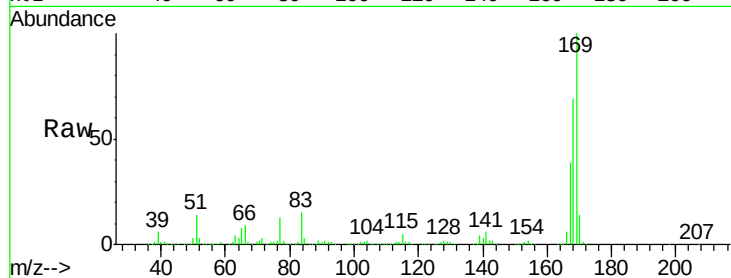


#65  
 n-Nitrosodiphenylamine  
 Concen: 25.82 ng  
 RT: 10.40 min Scan# 771  
 Delta R.T. -0.00 min  
 Lab File: BF089728.D  
 Acq: 16 Aug 2016 16:49

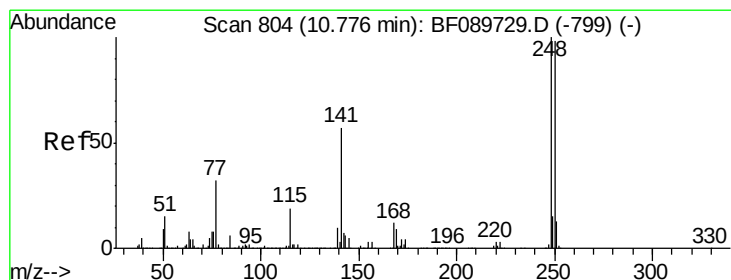
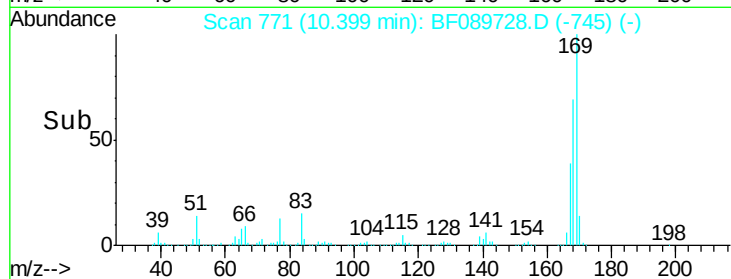
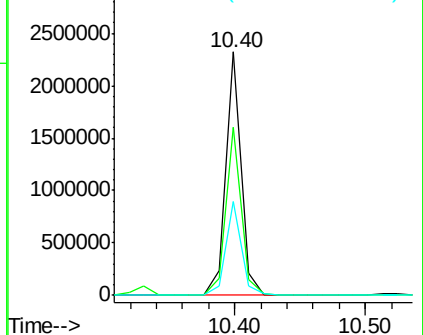
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:169 Resp: 1911082  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 68.8  | 54.6  | 82.0  |
| 167 | 38.8  | 30.6  | 45.8  |



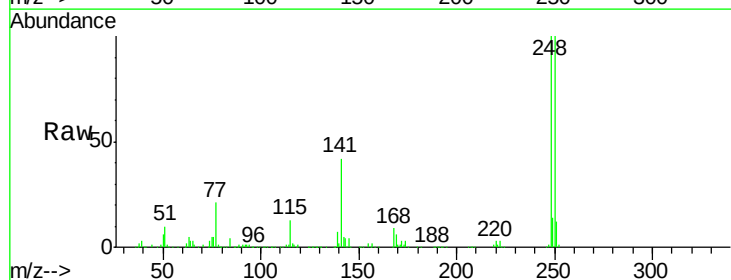
Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E



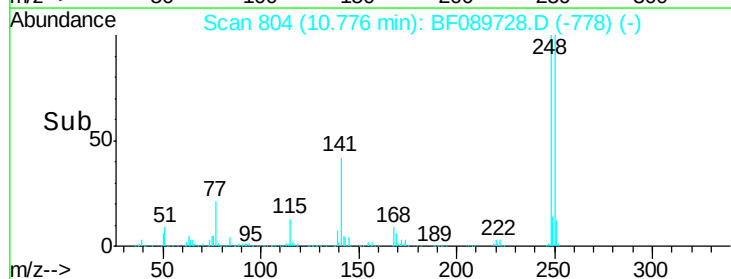
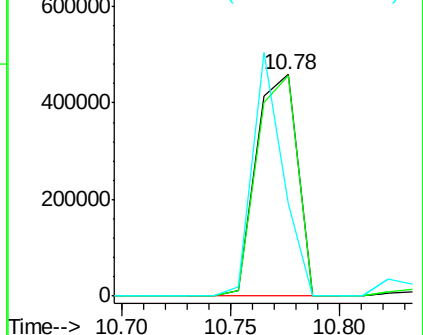
#66  
 4-Bromophenyl-phenylether  
 Concen: 25.93 ng  
 RT: 10.78 min Scan# 804  
 Delta R.T. -0.00 min  
 Lab File: BF089728.D  
 Acq: 16 Aug 2016 16:49

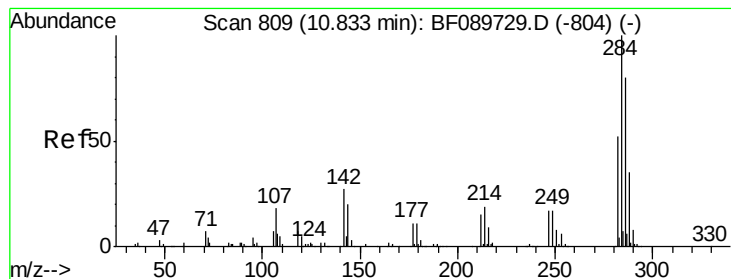
Tgt Ion:248 Resp: 608448  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 99.6  | 78.6  | 117.8 |
| 141 | 42.0  | 31.4  | 47.2  |



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: 27.76 ng

RT: 10.83 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampled :

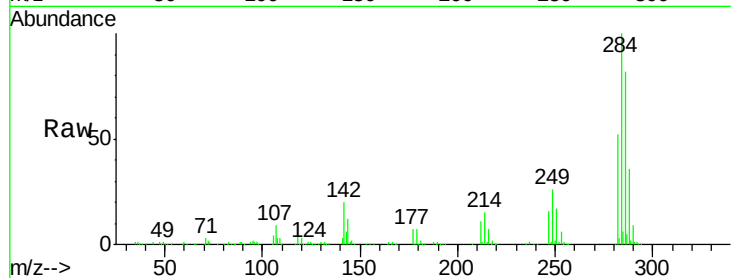
Tot Ion:284 Resp: 731093

Ion Ratio Lower Upper

284 100

142 19.7 17.4 26.2

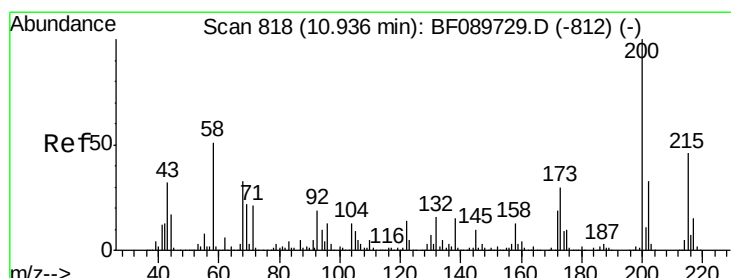
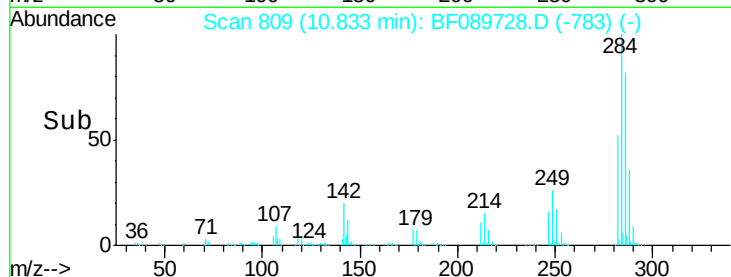
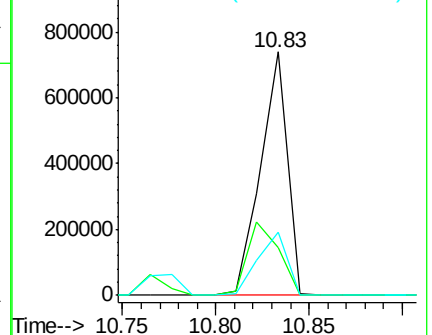
249 26.1 22.8 34.2



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: 26.57 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

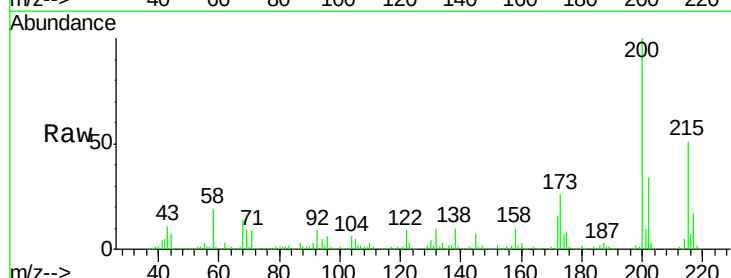
Tgt Ion:200 Resp: 578152

Ion Ratio Lower Upper

200 100

173 25.6 6.6 46.6

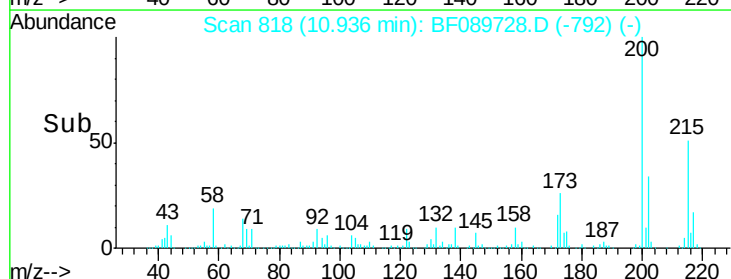
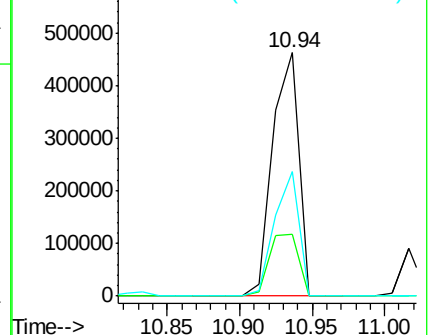
215 51.1 24.7 64.7

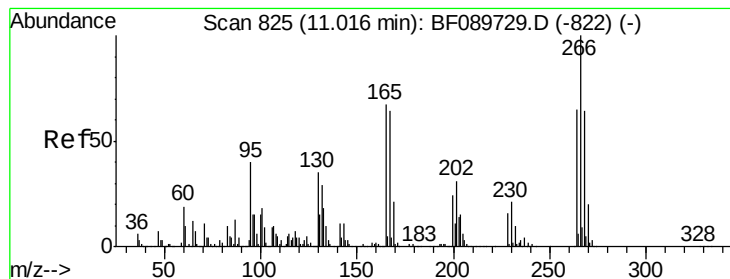


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 26.53 ng

RT: 11.02 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampled :

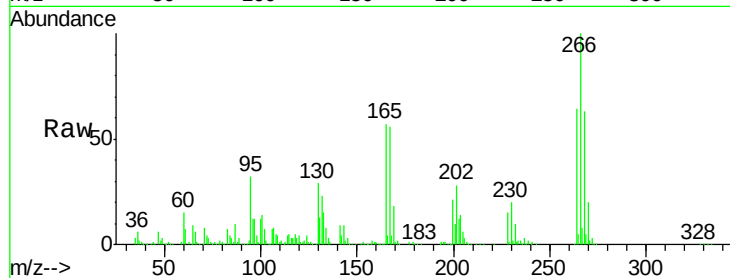
Tot Ion:266 Resp: 421274

Ion Ratio Lower Upper

266 100

268 63.0 53.2 79.8

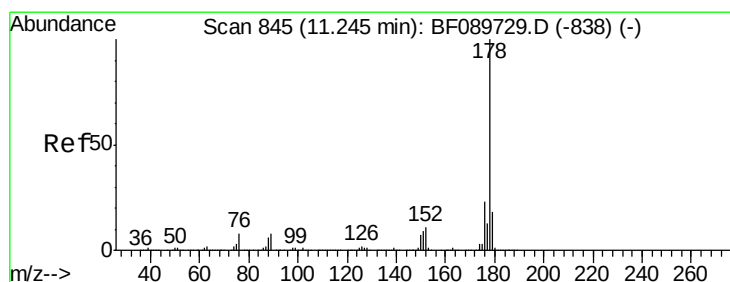
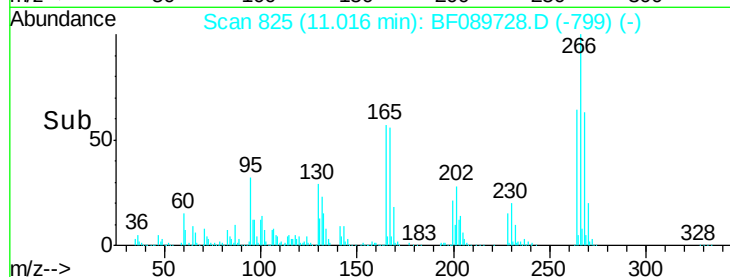
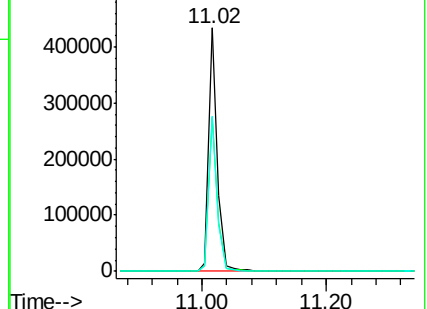
264 64.0 51.1 76.7



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: 28.08 ng

RT: 11.24 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

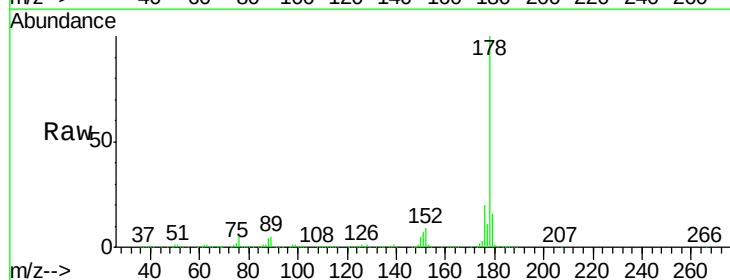
Tgt Ion:178 Resp: 3192311

Ion Ratio Lower Upper

178 100

176 20.4 16.4 24.6

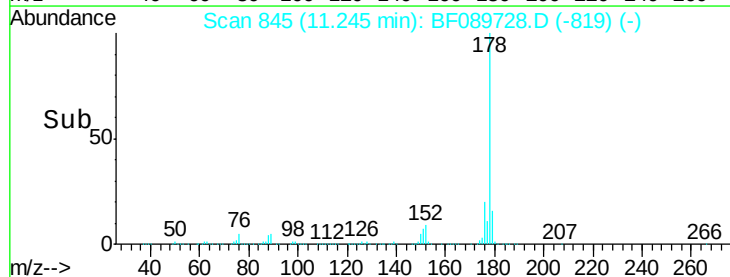
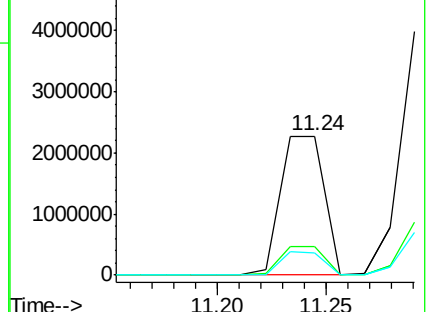
179 15.8 12.5 18.7

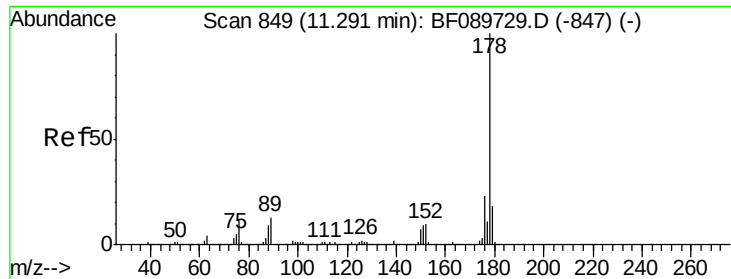


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

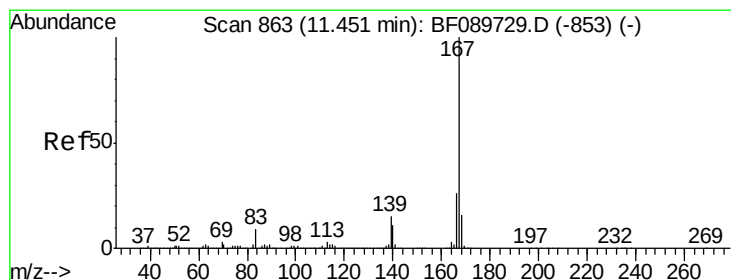
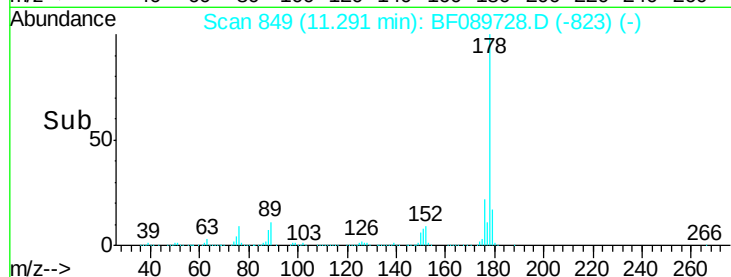
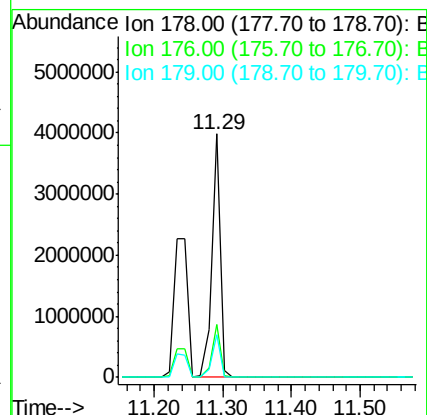
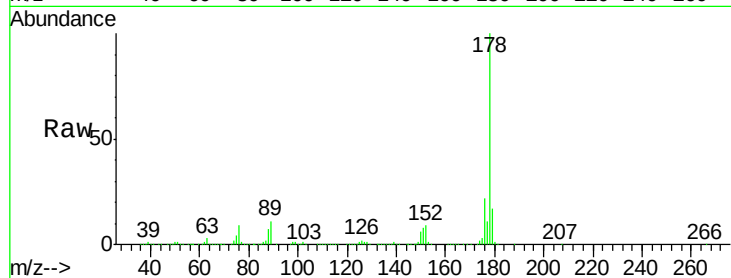




#71  
 Anthracene  
 Concen: 28.38 ng  
 RT: 11.29 min Scan# 849  
 Delta R.T. -0.00 min  
 Lab File: BF089728.D  
 Acq: 16 Aug 2016 16:49

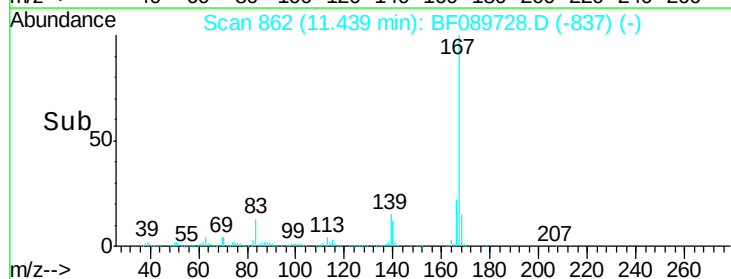
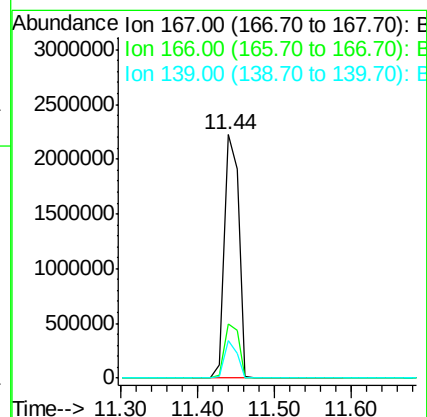
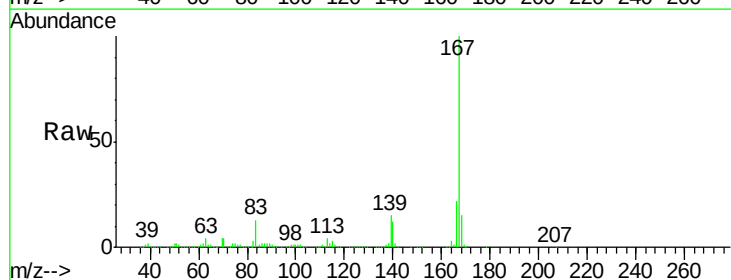
Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:178 Resp: 3375338  
 Ion Ratio Lower Upper  
 178 100  
 176 21.7 16.4 24.6  
 179 17.5 13.1 19.7

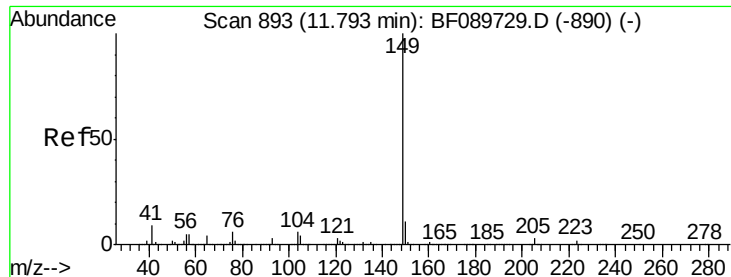


#72  
 Carbazole  
 Concen: 25.92 ng  
 RT: 11.44 min Scan# 862  
 Delta R.T. -0.01 min  
 Lab File: BF089728.D  
 Acq: 16 Aug 2016 16:49

Tgt Ion:167 Resp: 2938112  
 Ion Ratio Lower Upper  
 167 100  
 166 22.5 17.9 26.9  
 139 15.3 12.4 18.6







#73

Di-n-butylphthalate

Concen: 26.17 ng

RT: 11.79 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampled :

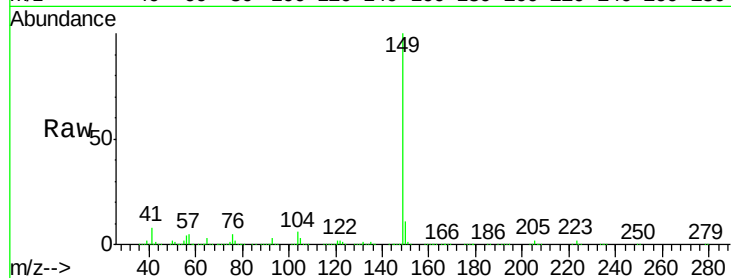
Tot Ion:149 Resp: 3420588

Ion Ratio Lower Upper

149 100

150 10.8 7.9 11.9

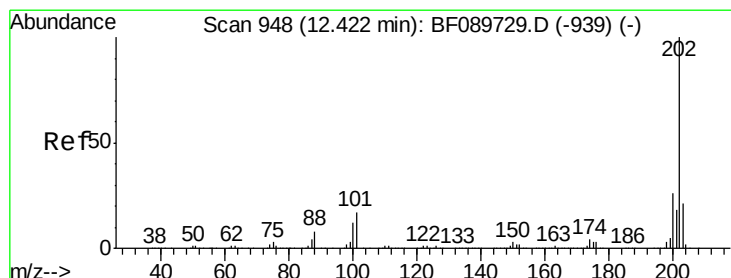
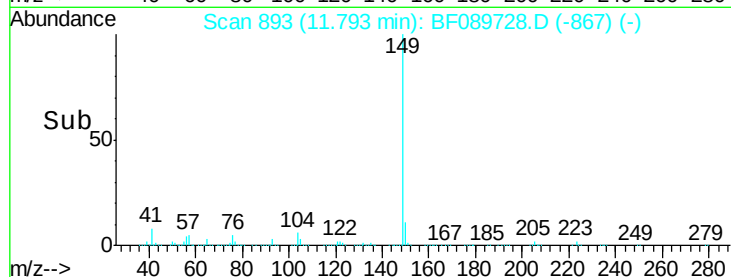
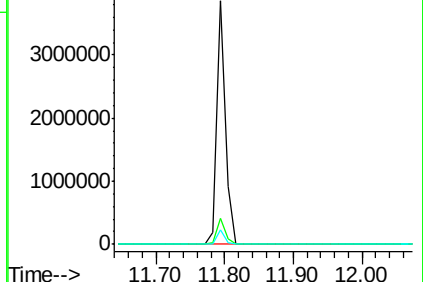
104 5.7 4.3 6.5



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: 27.31 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

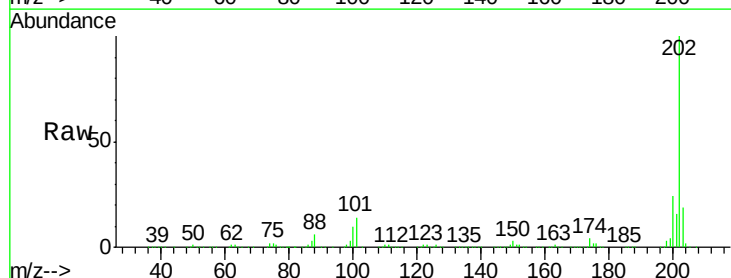
Tgt Ion:202 Resp: 3279809

Ion Ratio Lower Upper

202 100

101 13.8 0.0 31.2

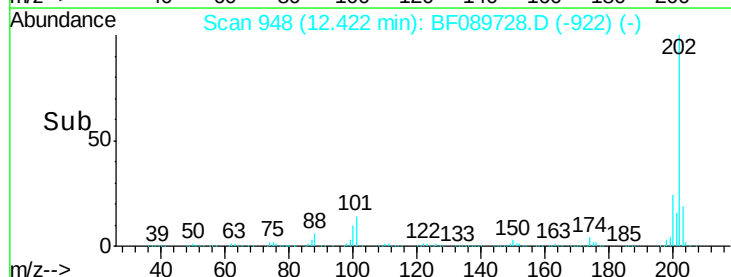
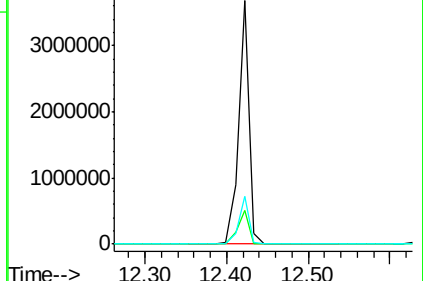
203 19.4 0.0 38.1

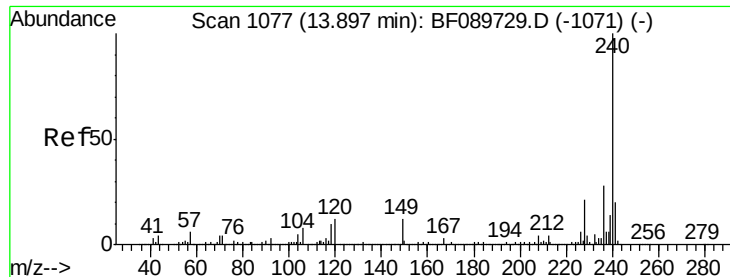


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.91 min Scan# 1078

Delta R.T. 0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampled :

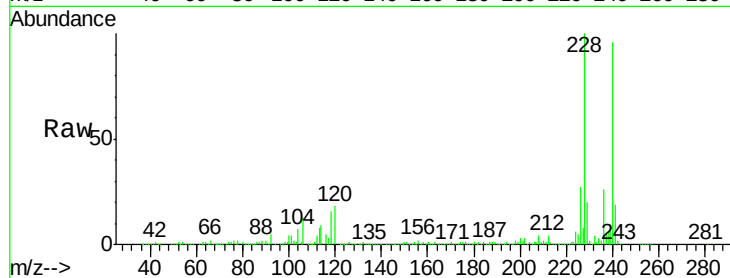
Tot Ion:240 Resp: 1936669

Ion Ratio Lower Upper

240 100

120 19.1 8.3 12.5#

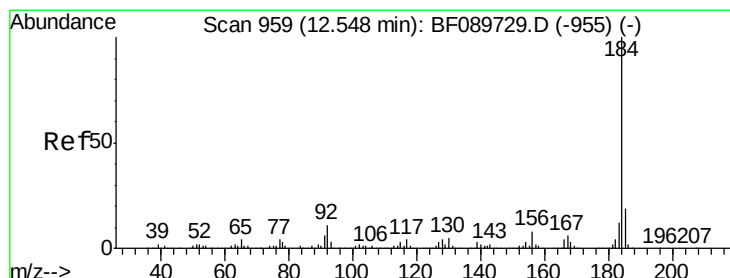
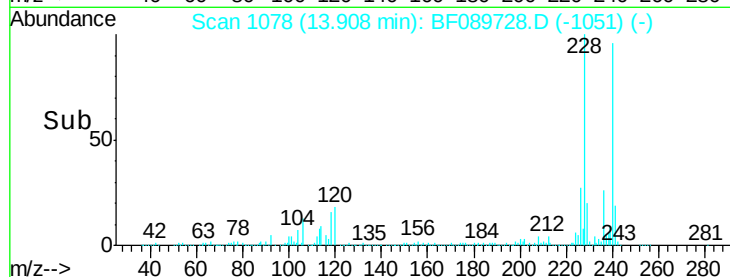
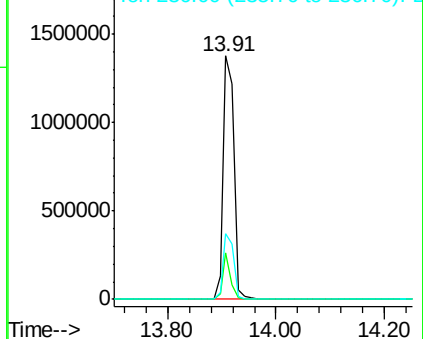
236 26.8 21.3 31.9



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: 26.86 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

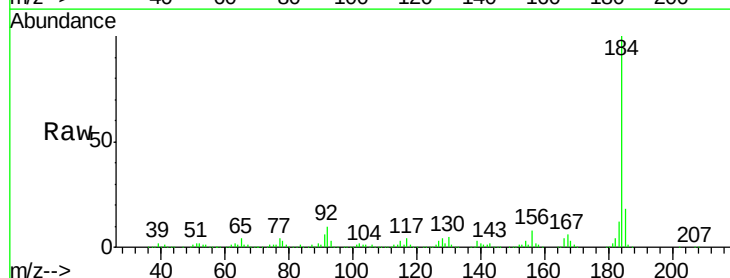
Tgt Ion:184 Resp: 1781760

Ion Ratio Lower Upper

184 100

185 18.3 13.8 20.8

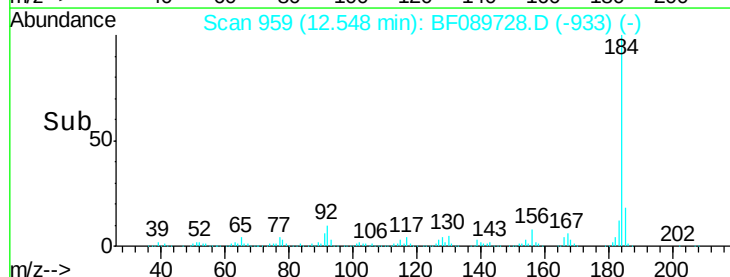
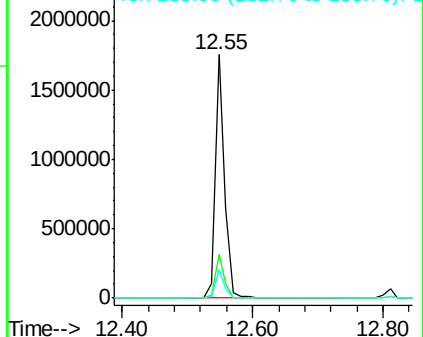
183 11.6 9.7 14.5

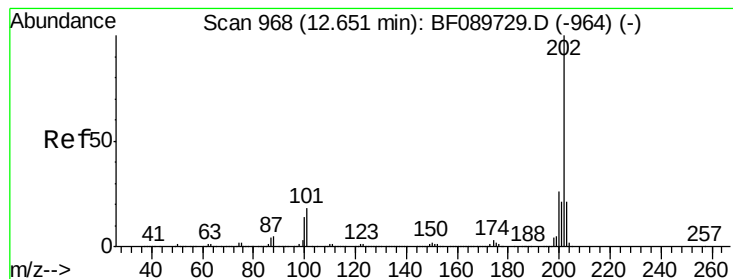


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 27.59 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

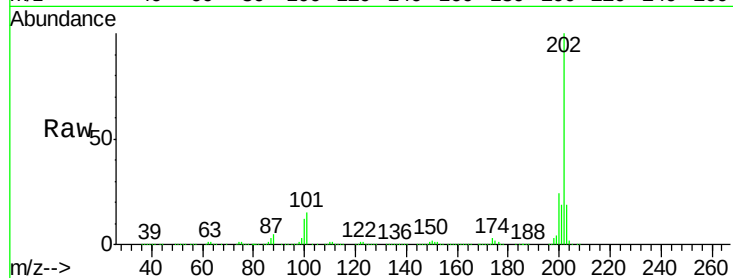
Instrument :

BNA\_F

ClientSampled :

Tot Ion:202 Resp: 3425058

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 24.1  | 17.8  | 26.6  |
| 203 | 19.4  | 14.2  | 21.4  |

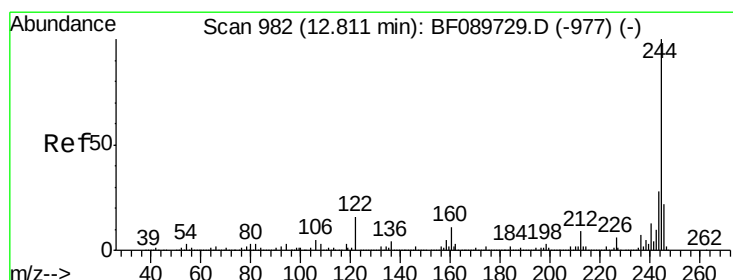
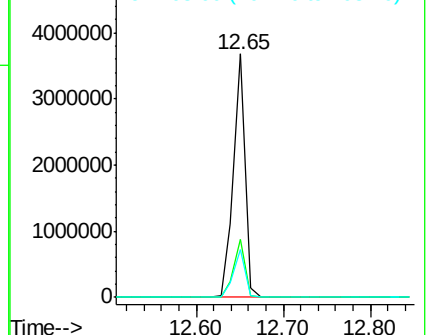
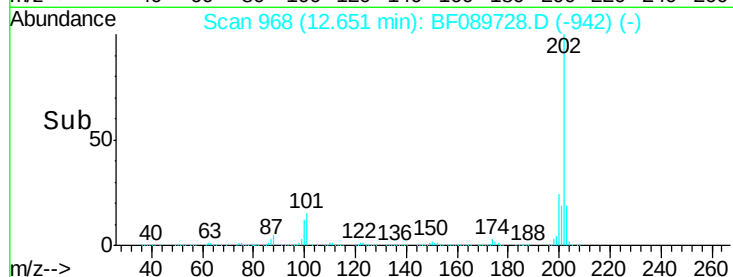


Abundance

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: 25.54 ng

RT: 12.81 min Scan# 982

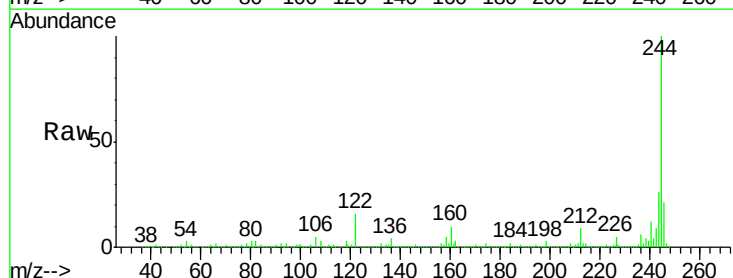
Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Tgt Ion:244 Resp: 3471459

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.6   | 6.3   | 9.5   |
| 122 | 15.5  | 12.0  | 18.0  |

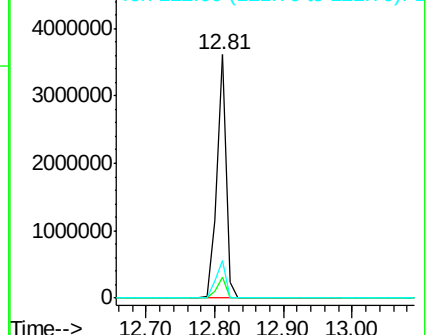
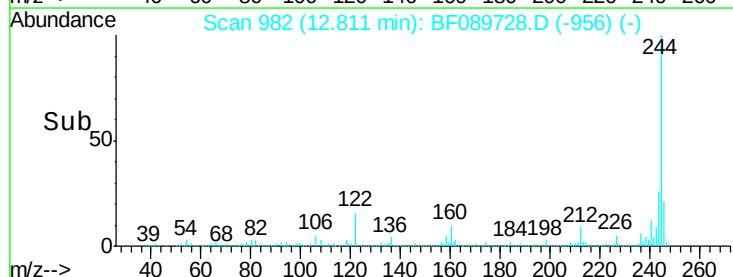


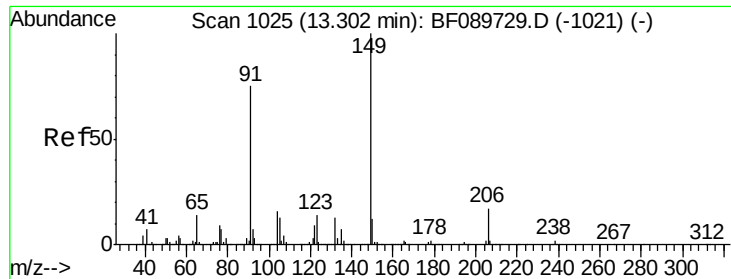
Abundance

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: 28.28 ng

RT: 13.31 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampled :

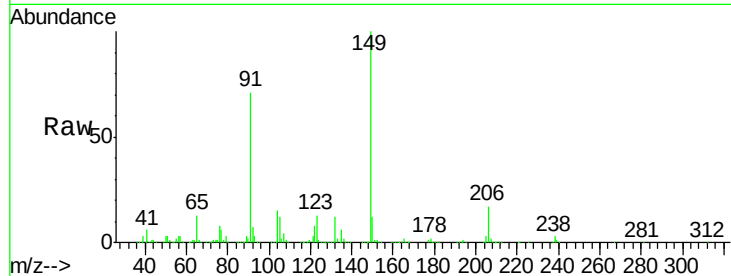
Tot Ion:149 Resp: 1604531

Ion Ratio Lower Upper

149 100

91 70.9 50.7 76.1

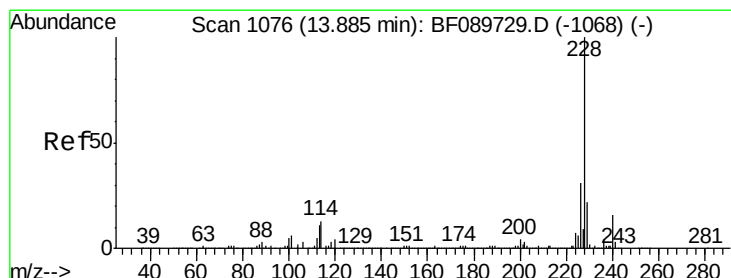
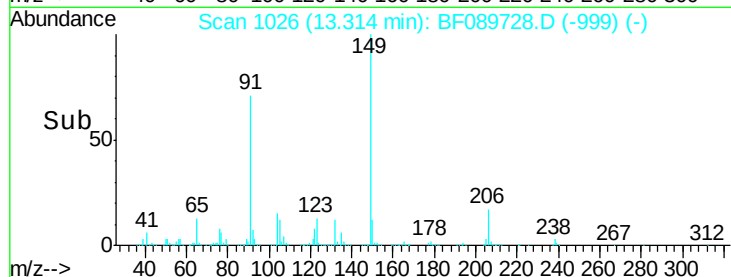
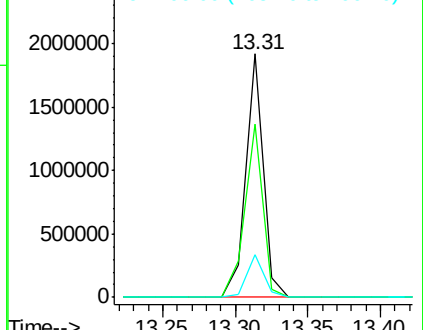
206 17.4 15.5 23.3



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: 26.15 ng

RT: 13.90 min Scan# 1077

Delta R.T. 0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

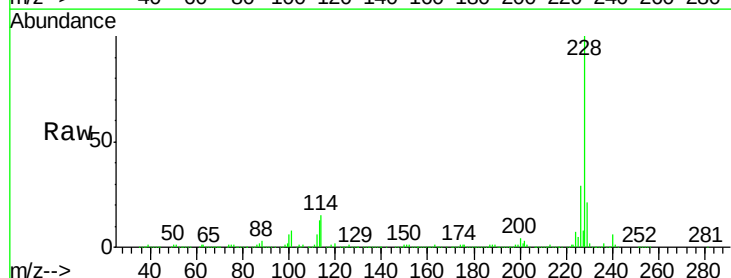
Tgt Ion:228 Resp: 2907471

Ion Ratio Lower Upper

228 100

226 28.8 23.2 34.8

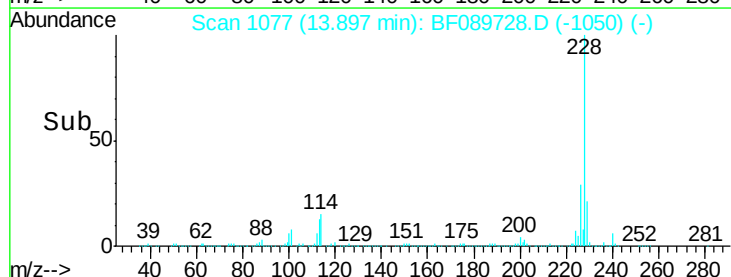
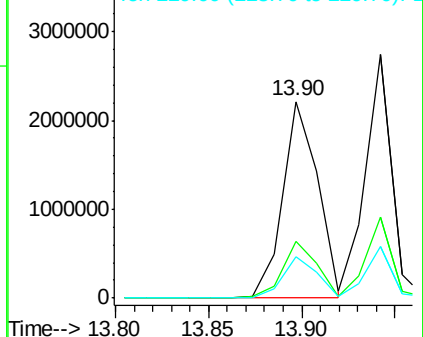
229 20.9 16.2 24.4

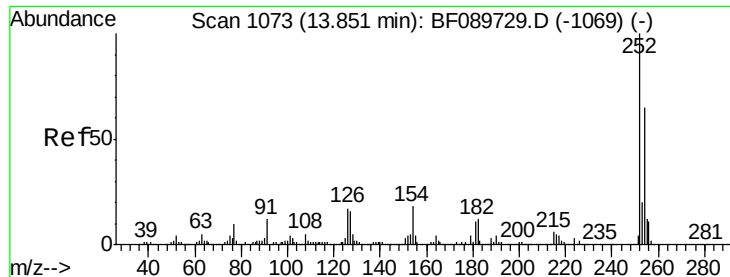


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

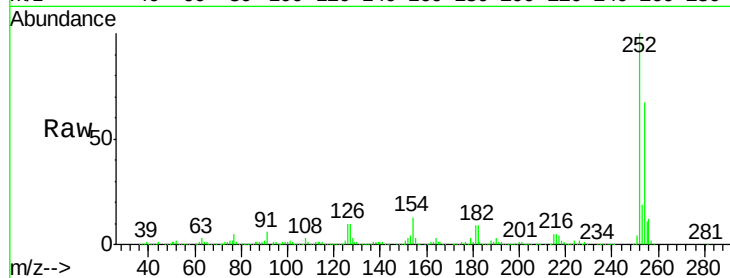




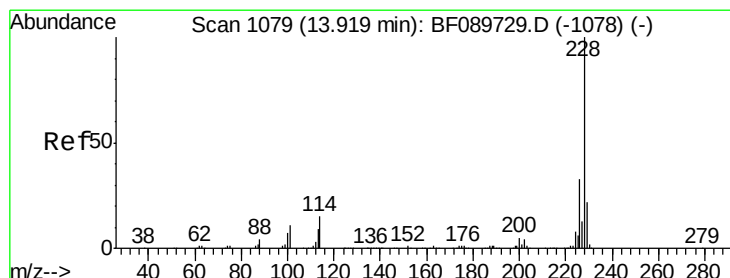
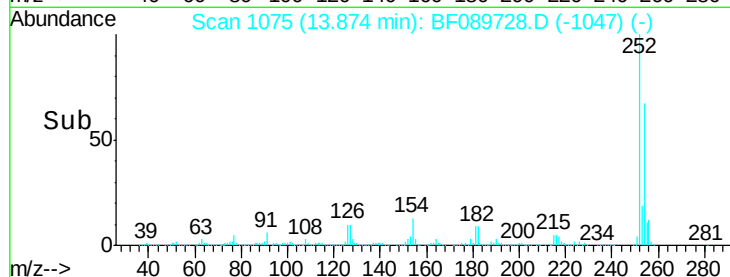
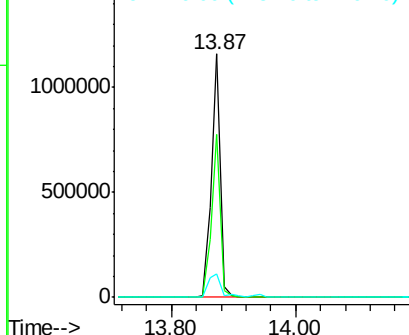
#81  
 3,3'-Dichlorobenzidine  
 Concen: 28.16 ng  
 RT: 13.87 min Scan# 1075  
 Delta R.T. 0.02 min  
 Lab File: BF089728.D  
 Acq: 16 Aug 2016 16:49

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:252 Resp: 1148979  
 Ion Ratio Lower Upper  
 252 100  
 254 66.8 50.6 75.8  
 126 9.9 12.6 18.8#

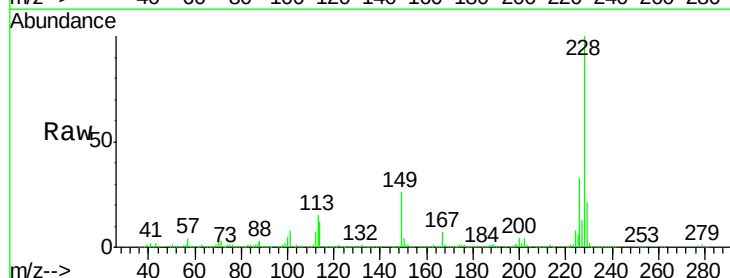


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

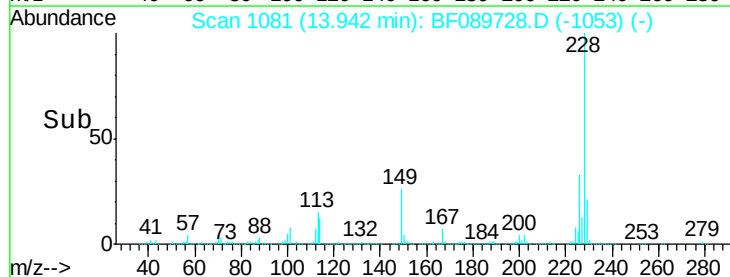
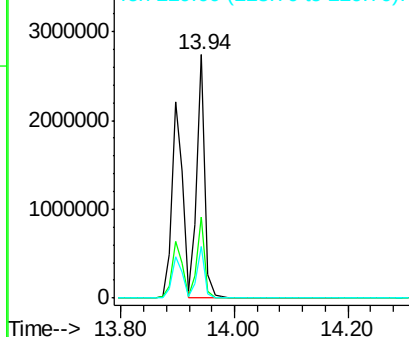


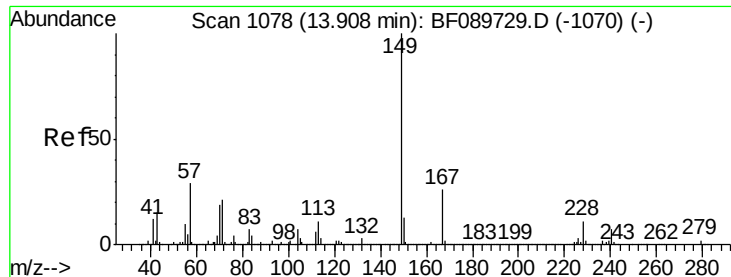
#82  
 Chrysene  
 Concen: 26.87 ng  
 RT: 13.94 min Scan# 1081  
 Delta R.T. 0.02 min  
 Lab File: BF089728.D  
 Acq: 16 Aug 2016 16:49

Tgt Ion:228 Resp: 2683535  
 Ion Ratio Lower Upper  
 228 100  
 226 33.2 25.4 38.0  
 229 21.2 16.5 24.7



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: 27.53 ng

RT: 13.93 min Scan# 1080

Delta R.T. 0.02 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

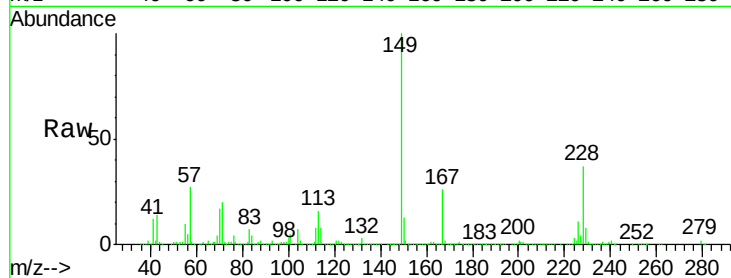
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:149 Resp: 2195351

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.4  | 21.2  | 31.8  |
| 279 | 2.3   | 2.9   | 4.3   |

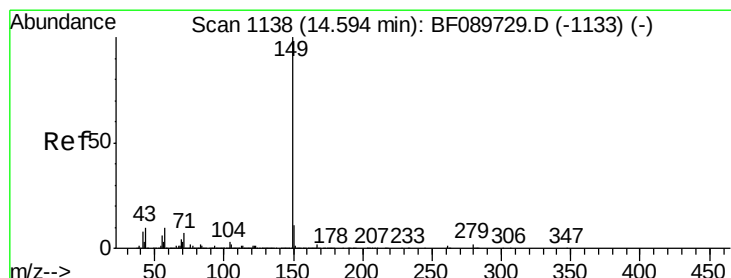
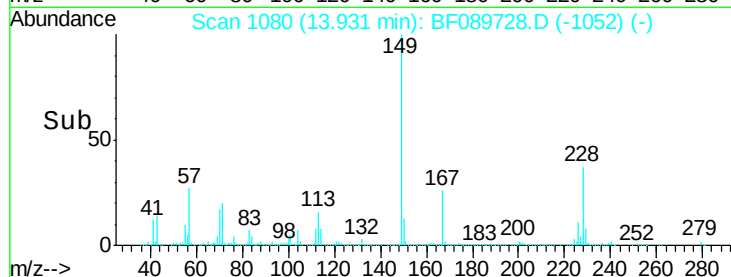
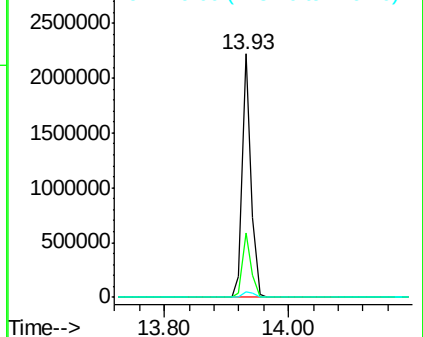


Abundance

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: 29.85 ng

RT: 14.64 min Scan# 1142

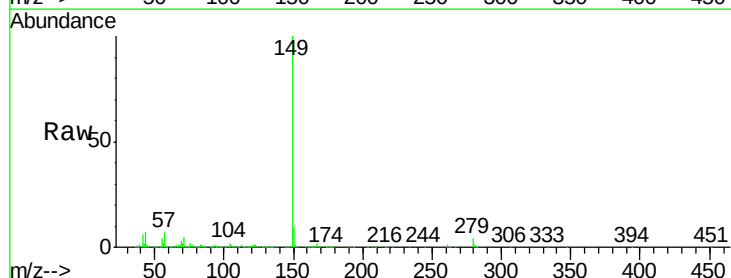
Delta R.T. 0.05 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Tgt Ion:149 Resp: 3582599

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.5   | 1.2   | 1.8   |
| 43  | 9.3   | 8.4   | 12.6  |

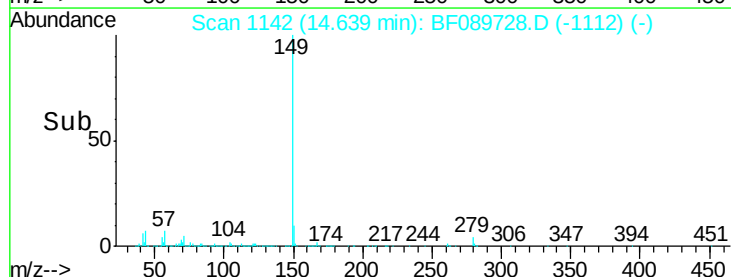
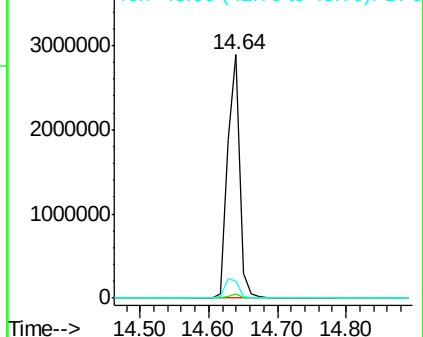


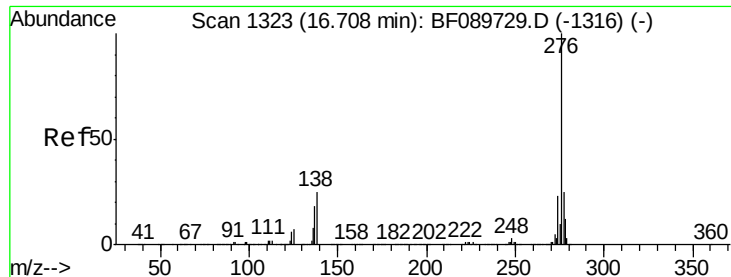
Abundance

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: 26.75 ng

RT: 16.75 min Scan# 1327

Delta R.T. 0.05 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA\_F

ClientSampled :

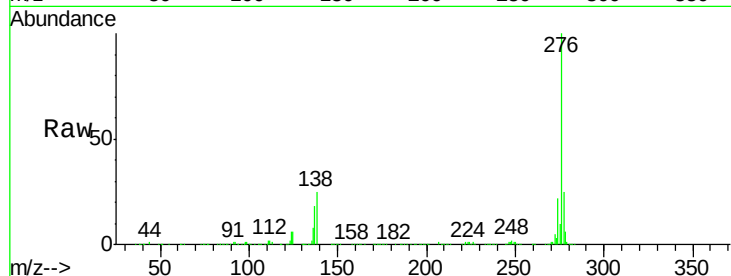
Tot Ion:276 Resp: 2286938

Ion Ratio Lower Upper

276 100

138 28.6 24.6 36.8

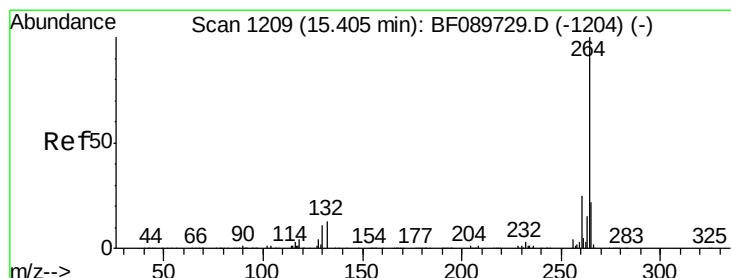
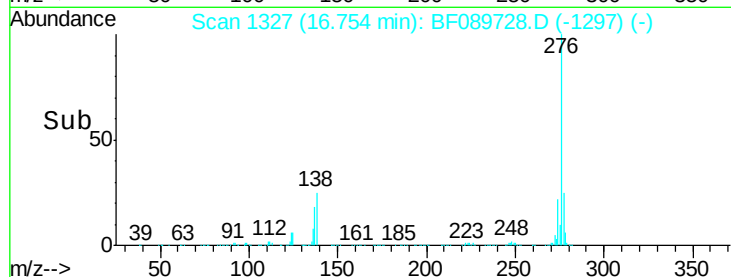
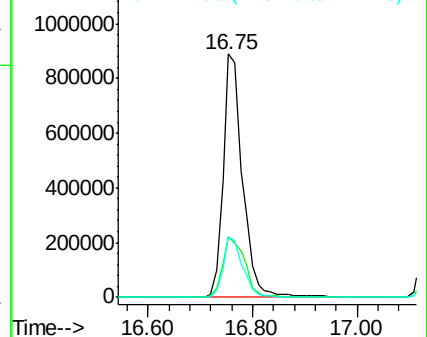
277 25.2 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1213

Delta R.T. 0.05 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

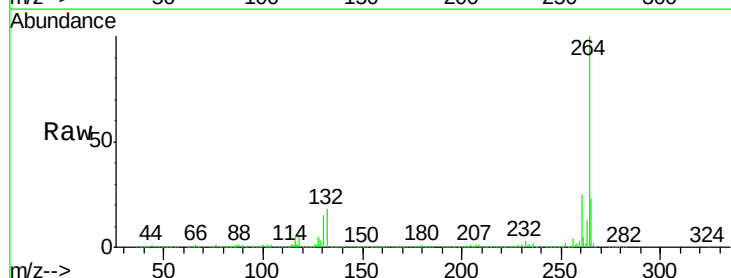
Tgt Ion:264 Resp: 1721531

Ion Ratio Lower Upper

264 100

260 24.8 20.2 30.2

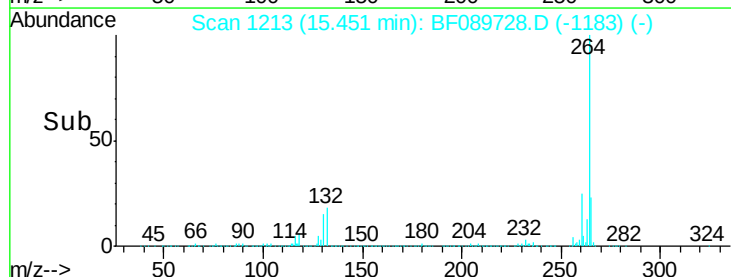
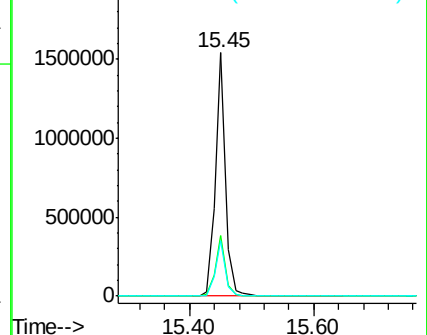
265 22.7 17.4 26.2

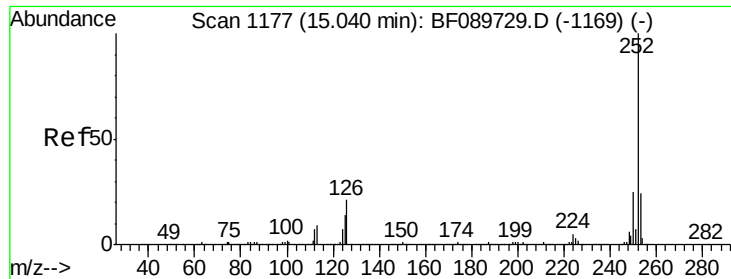


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

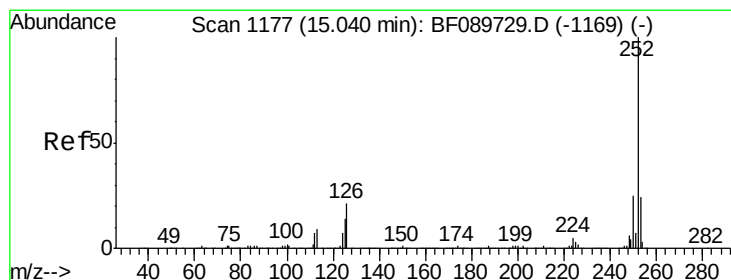
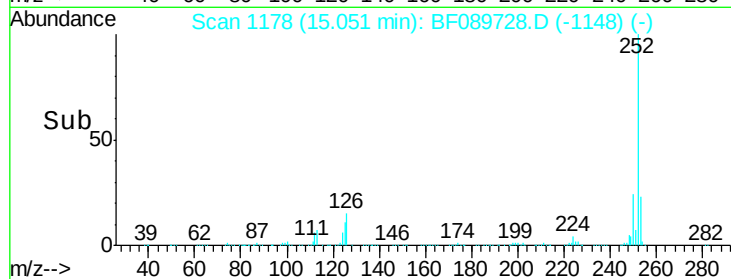
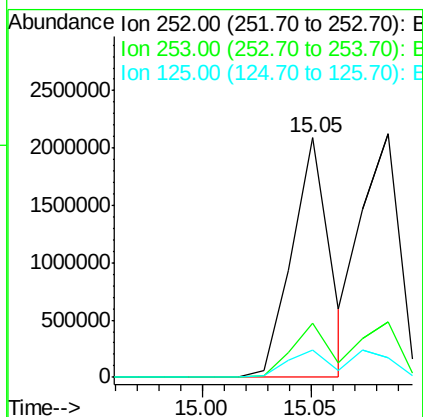
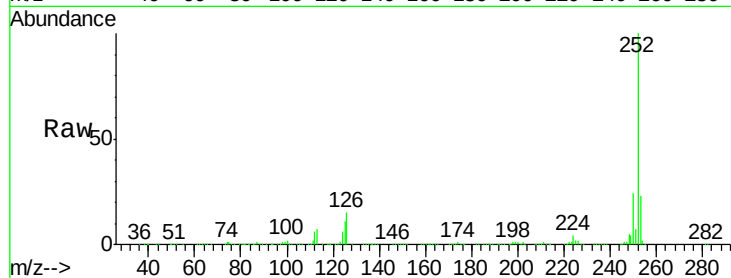




#87  
Benzo(b)fluoranthene  
Concen: 23.71 ng  
RT: 15.05 min Scan# 1178  
Delta R.T. 0.05 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

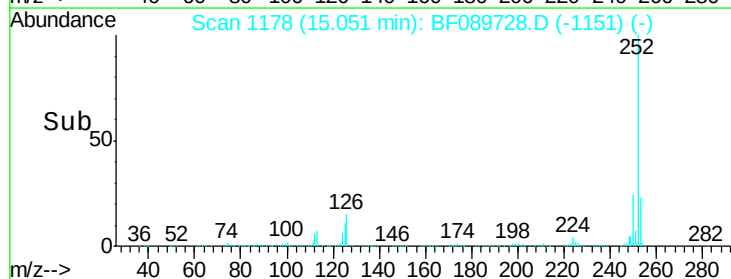
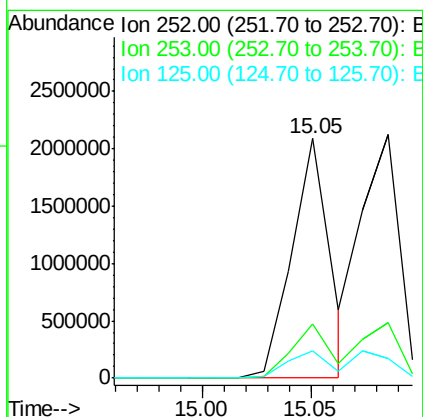
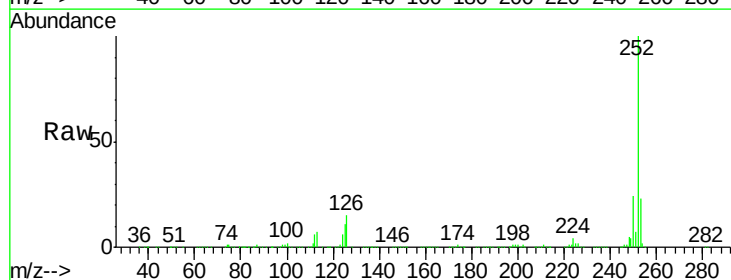
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 2526235  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.8 26.8  
125 11.4 11.4 17.2#

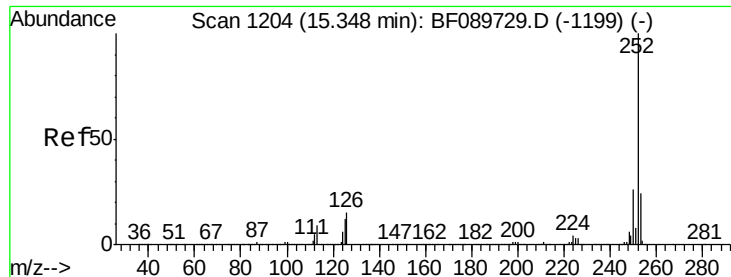


#88  
Benzo(k)fluoranthene  
Concen: 29.65 ng  
RT: 15.05 min Scan# 1178  
Delta R.T. 0.01 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

Tgt Ion:252 Resp: 2526235  
Ion Ratio Lower Upper  
252 100  
253 22.9 18.4 27.6  
125 11.4 9.8 14.6



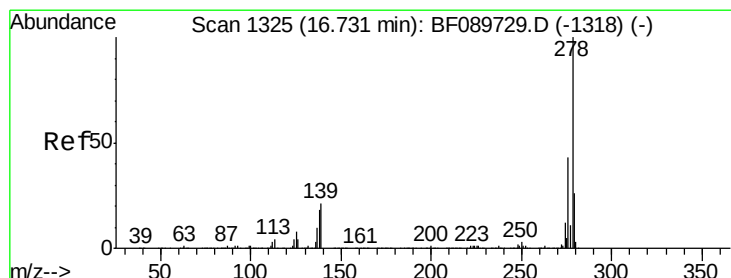
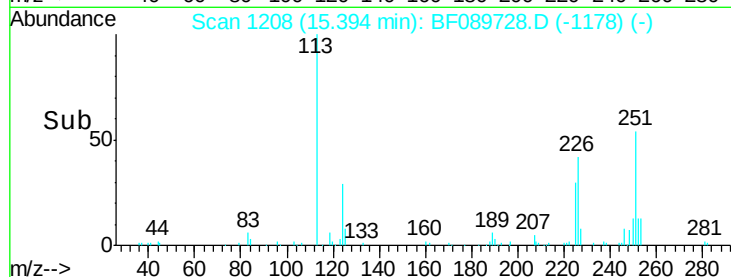
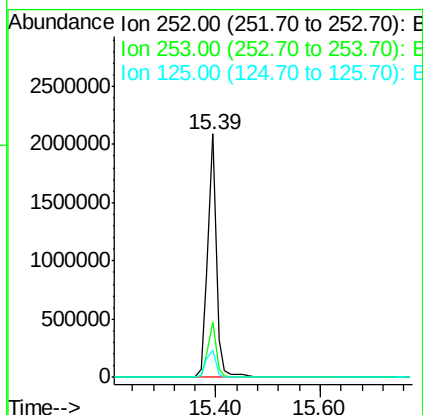
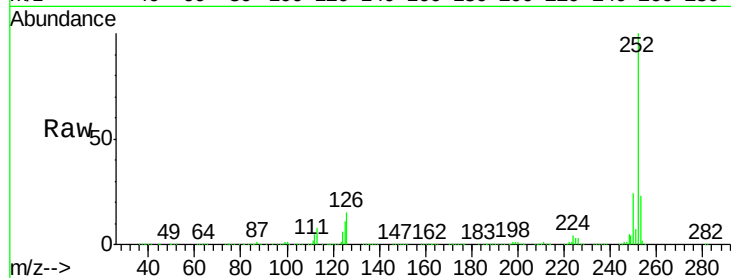




#89  
Benzo(a)pyrene  
Concen: 26.95 ng  
RT: 15.39 min Scan# 1208  
Delta R.T. 0.05 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

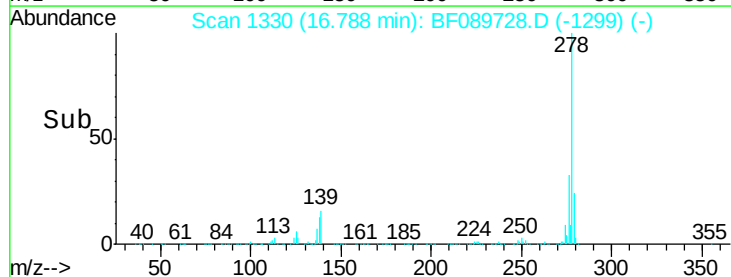
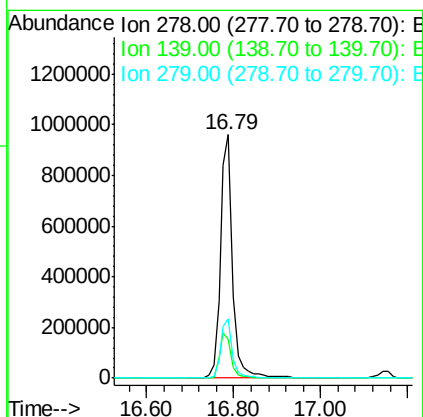
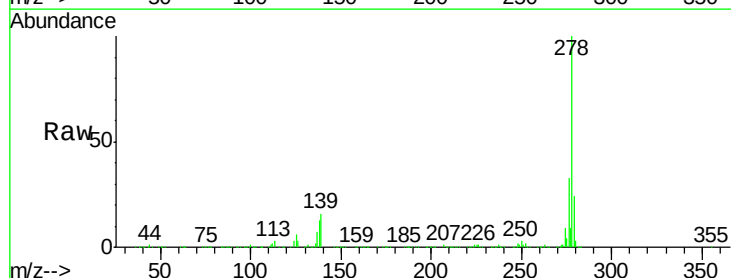
Instrument :  
BNA\_F  
ClientSampleId :

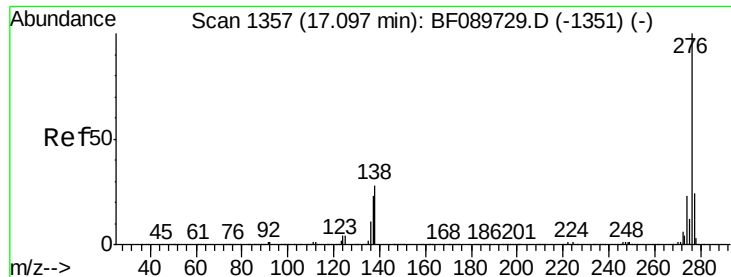
Tot Ion:252 Resp: 2408370  
Ion Ratio Lower Upper  
252 100  
253 23.0 17.8 26.8  
125 11.4 11.7 17.5#



#90  
Dibenzo(a,h)anthracene  
Concen: 26.99 ng  
RT: 16.79 min Scan# 1330  
Delta R.T. 0.06 min  
Lab File: BF089728.D  
Acq: 16 Aug 2016 16:49

Tgt Ion:278 Resp: 1894119  
Ion Ratio Lower Upper  
278 100  
139 16.0 14.9 22.3  
279 24.2 19.2 28.8

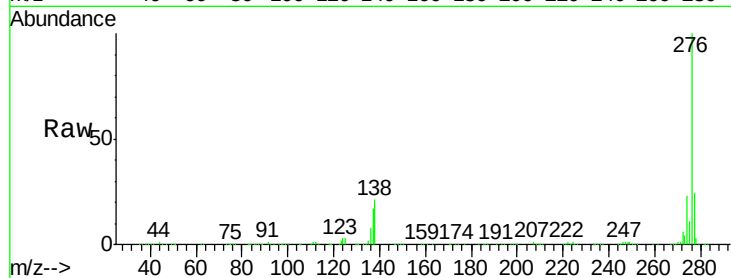




#91  
 Benzo(a,h,i)perylene  
 Concen: 26.62 ng  
 RT: 17.15 min Scan# 1362  
 Delta R.T. 0.06 min  
 Lab File: BF089728.D  
 Acq: 16 Aug 2016 16:49

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:276 Resp: 1893277  
 Ion Ratio Lower Upper  
 276 100  
 277 23.7 19.2 28.8  
 138 20.9 22.1 33.1#



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

