

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\  
 Data File : BF089327.D  
 Acq On : 27 Jul 2016 13:32  
 Operator : UM/SJ  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 27 15:19:03 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 27 15:17:12 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.55  | 152  | 45059    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.84  | 136  | 188515   | 20.00 | ng    | 0.01     |
| 38) Acenaphthene-d10      | 9.58  | 164  | 89549    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.05 | 188  | 171797   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.67 | 240  | 113970   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.01 | 264  | 93602    | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.12  | 112  | 345485   | 122.43 | ng    | 0.01     |
| 7) Phenol-d6                | 6.20  | 99   | 437796   | 117.39 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.13  | 82   | 400291   | 125.33 | ng    | 0.01     |
| 41) 2,4,6-Tribromophenol    | 10.36 | 330  | 89788    | 121.06 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 8.91  | 172  | 677238   | 110.99 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.63 | 244  | 621329   | 127.59 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 1.95 | 88   | 74783    | 51.34 | ng    | 99     |
| 3) Pyridine                    | 2.56 | 79   | 178892   | 64.79 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 2.54 | 42   | 72079    | 72.40 | ng    | 96     |
| 6) Aniline                     | 6.22 | 93   | 250870   | 62.30 | ng    | # 86   |
| 8) 2-Chlorophenol              | 6.33 | 128  | 192202   | 60.21 | ng    | 93     |
| 9) Benzaldehyde                | 6.09 | 77   | 108225   | 59.43 | ng    | 97     |
| 10) Phenol                     | 6.23 | 94   | 244765   | 59.48 | ng    | 92     |
| 11) bis(2-Chloroethyl)ether    | 6.30 | 93   | 196531   | 56.21 | ng    | 95     |
| 12) 1,3-Dichlorobenzene        | 6.48 | 146  | 192251   | 57.58 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 6.56 | 146  | 209130   | 56.76 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 6.72 | 146  | 202046   | 58.53 | ng    | 96     |
| 15) Benzyl Alcohol             | 6.71 | 79   | 141618   | 61.19 | ng    | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.84 | 45   | 225287   | 59.07 | ng    | 81     |
| 17) 2-Methylphenol             | 6.83 | 107  | 146709   | 59.46 | ng    | 96     |
| 18) Hexachloroethane           | 7.05 | 117  | 80305    | 56.84 | ng    | 98     |
| 19) n-Nitroso-di-n-propylamine | 6.98 | 70   | 135112   | 60.08 | ng    | # 89   |
| 20) 3+4-Methylphenols          | 6.99 | 107  | 188908   | 59.62 | ng    | # 85   |
| 22) Acetophenone               | 6.97 | 105  | 270363   | 60.24 | ng    | # 94   |
| 24) Nitrobenzene               | 7.14 | 77   | 213558   | 58.75 | ng    | 91     |
| 25) Isophorone                 | 7.39 | 82   | 388743   | 60.42 | ng    | 97     |
| 26) 2-Nitrophenol              | 7.46 | 139  | 101860   | 62.68 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 7.52 | 122  | 157738   | 60.93 | ng    | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.61 | 93   | 212548   | 59.68 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 7.70 | 162  | 147274   | 62.43 | ng    | 92     |
| 30) 1,2,4-Trichlorobenzene     | 7.78 | 180  | 171170   | 63.59 | ng    | 96     |
| 31) Naphthalene                | 7.85 | 128  | 525922   | 56.34 | ng    | 99     |
| 32) Benzoic acid               | 7.70 | 122  | 116653   | 64.66 | ng    | 97     |
| 33) 4-Chloroaniline            | 7.92 | 127  | 222296   | 62.55 | ng    | 97     |
| 34) Hexachlorobutadiene        | 7.98 | 225  | 90190    | 58.50 | ng    | 99     |
| 35) Caprolactam                | 8.32 | 113  | 45744    | 64.24 | ng    | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.42 | 107  | 177083   | 63.16 | ng    | 91     |
| 37) 2-Methylnaphthalene        | 8.55 | 142  | 356857   | 63.44 | ng    | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.72 | 216  | 187959   | 59.98 | ng    | 99     |
| 40) Hexachlorocyclopentadiene  | 8.70 | 237  | 51544    | 72.73 | ng    | 99     |

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 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

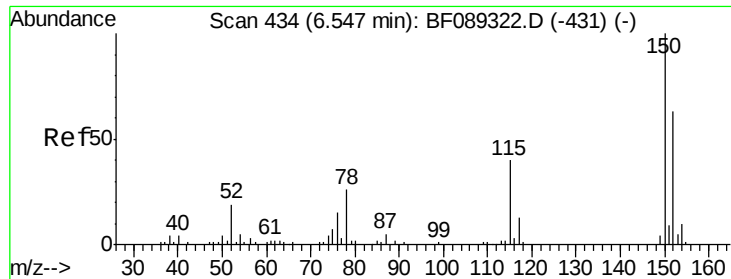
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 27 15:19:03 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M  
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 QLast Update : Wed Jul 27 15:17:12 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.83  | 196  | 96766    | 64.95  | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 8.88  | 196  | 116859   | 61.92  | nq    | 97       |
| 45) 1,1'-Biphenyl              | 9.02  | 154  | 459384   | 60.25  | nq    | 95       |
| 46) 2-Chloronaphthalene        | 9.03  | 162  | 333158   | 58.18  | nq    | 98       |
| 47) 2-Nitroaniline             | 9.14  | 65   | 109151   | 64.37  | nq    | 91       |
| 48) Acenaphthylene             | 9.44  | 152  | 506352   | 56.14  | nq    | 99       |
| 49) Dimethylphthalate          | 9.32  | 163  | 393619   | 57.75  | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.38  | 165  | 82624    | 59.00  | nq    | # 59     |
| 51) Acenaphthene               | 9.61  | 154  | 293560   | 55.74  | nq    | 99       |
| 52) 3-Nitroaniline             | 9.55  | 138  | 88677    | 60.01  | nq    | # 80     |
| 53) 2,4-Dinitrophenol          | 9.67  | 184  | 36384    | 78.11  | nq    | 98       |
| 54) Dibenzofuran               | 9.78  | 168  | 406267   | 56.61  | nq    | 97       |
| 55) 4-Nitrophenol              | 9.78  | 139  | 235712   | 242.63 | nq    | # 9      |
| 56) 2,4-Dinitrotoluene         | 9.79  | 165  | 117851   | 63.93  | nq    | # 69     |
| 57) Fluorene                   | 10.12 | 166  | 357884   | 57.12  | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.91  | 232  | 76608    | 60.80  | nq    | # 96     |
| 59) Diethylphthalate           | 10.02 | 149  | 435969   | 63.10  | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.12 | 204  | 174840   | 60.84  | nq    | 93       |
| 61) 4-Nitroaniline             | 10.17 | 138  | 90621    | 59.49  | nq    | 97       |
| 62) Azobenzene                 | 10.28 | 77   | 426788   | 59.98  | nq    | 88       |
| 64) 4,6-Dinitro-2-methylphenol | 10.20 | 198  | 62007    | 64.15  | nq    | 85       |
| 65) n-Nitrosodiphenylamine     | 10.25 | 169  | 327481   | 61.09  | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.60 | 248  | 97852    | 59.66  | nq    | # 81     |
| 67) Hexachlorobenzene          | 10.67 | 284  | 102376   | 60.91  | nq    | # 72     |
| 68) Atrazine                   | 10.78 | 200  | 87666    | 53.23  | nq    | 96       |
| 69) Pentachlorophenol          | 10.87 | 266  | 48626    | 69.44  | nq    | 100      |
| 70) Phenanthrene               | 11.07 | 178  | 508585   | 57.40  | nq    | 100      |
| 71) Anthracene                 | 11.13 | 178  | 587253   | 59.61  | nq    | 99       |
| 72) Carbazole                  | 11.29 | 167  | 501168   | 60.44  | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.63 | 149  | 677798   | 60.92  | nq    | # 98     |
| 74) Fluoranthene               | 12.25 | 202  | 524174   | 56.24  | nq    | 96       |
| 76) Benzidine                  | 12.39 | 184  | 267562   | 63.54  | nq    | 98       |
| 77) Pyrene                     | 12.48 | 202  | 565680   | 65.49  | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.11 | 149  | 246358   | 62.73  | nq    | 87       |
| 80) Benzo(a)anthracene         | 13.66 | 228  | 404851   | 62.95  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.63 | 252  | 149538   | 64.61  | nq    | # 96     |
| 82) Chrysene                   | 13.70 | 228  | 444814   | 64.97  | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.68 | 149  | 368706   | 64.95  | nq    | # 94     |
| 84) Di-n-octyl phthalate       | 14.29 | 149  | 599413   | 67.67  | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.21 | 276  | 303267   | 62.30  | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 14.69 | 252  | 698432   | 120.15 | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 14.69 | 252  | 698432   | 131.10 | nq    | # 94     |
| 89) Benzo(a)pyrene             | 14.96 | 252  | 320591   | 61.48  | nq    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 16.22 | 278  | 252618   | 61.50  | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 16.56 | 276  | 243338   | 60.26  | nq    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Instrument :

BNA\_F

ClientSampleId :

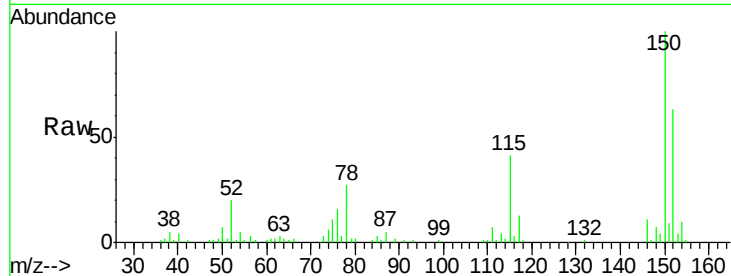
Tot Ion:152 Resp: 45059

Ion Ratio Lower Upper

152 100

150 159.2 129.5 194.3

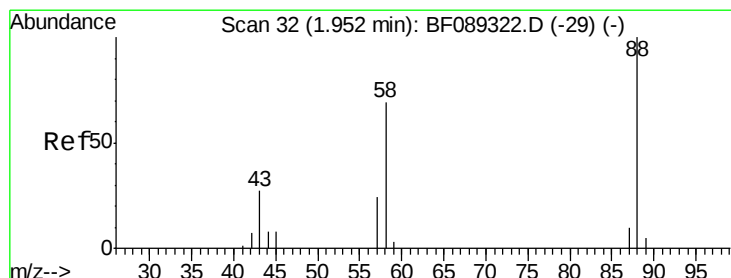
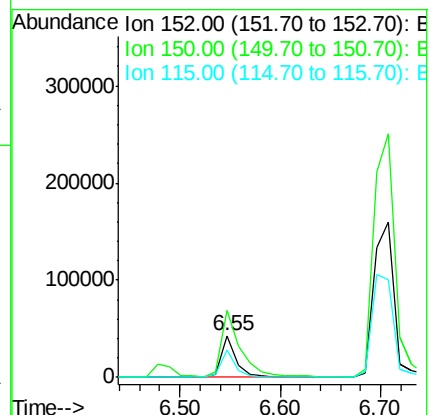
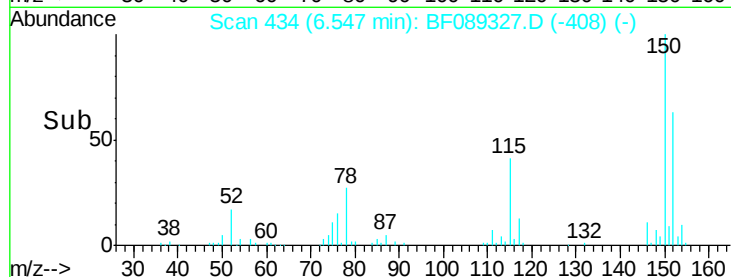
115 65.5 51.4 77.2



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: 51.34 ng

RT: 1.95 min Scan# 32

Delta R.T. 0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

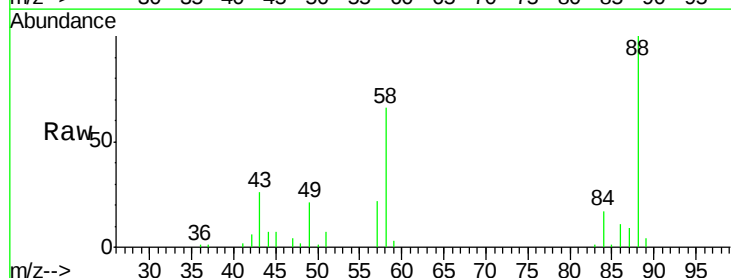
Tgt Ion: 88 Resp: 74783

Ion Ratio Lower Upper

88 100

58 65.7 53.2 79.8

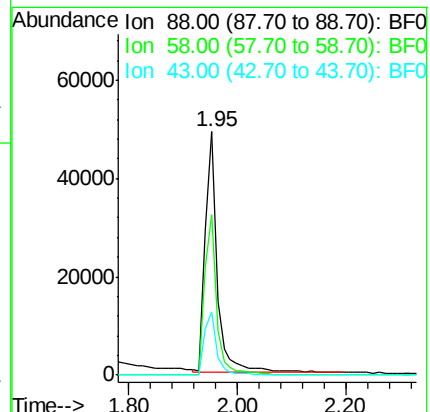
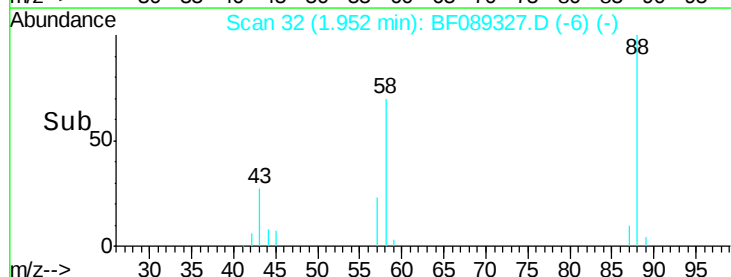
43 26.3 20.6 31.0

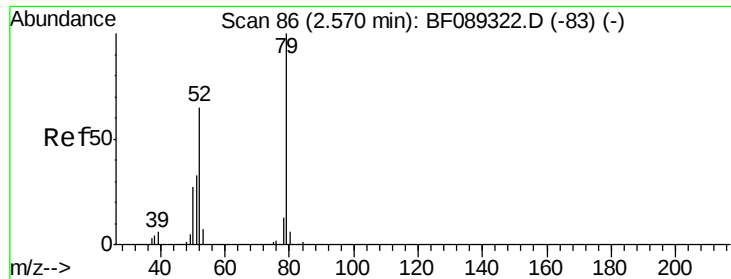


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 64.79 ng

RT: 2.56 min Scan# 85

Delta R.T. -0.01 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Instrument :

BNA\_F

ClientSampleId :

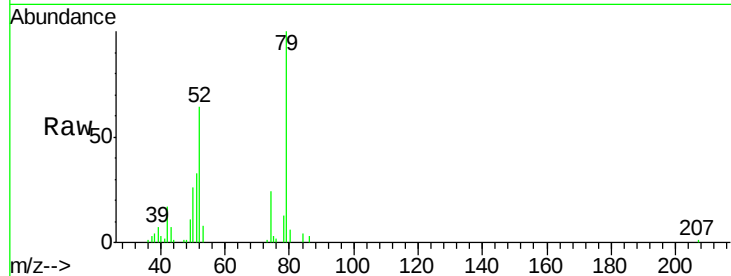
Tot Ion: 79 Resp: 178892

Ion Ratio Lower Upper

79 100

52 64.1 51.9 77.9

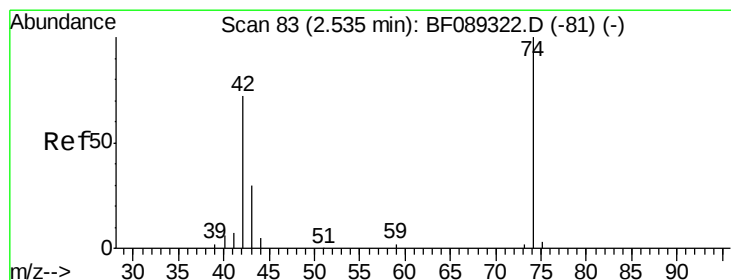
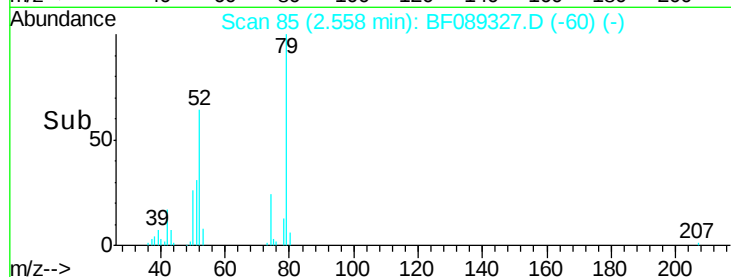
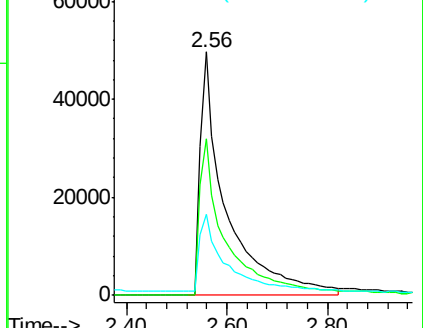
51 33.2 28.2 42.4



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: 72.40 ng

RT: 2.54 min Scan# 83

Delta R.T. 0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

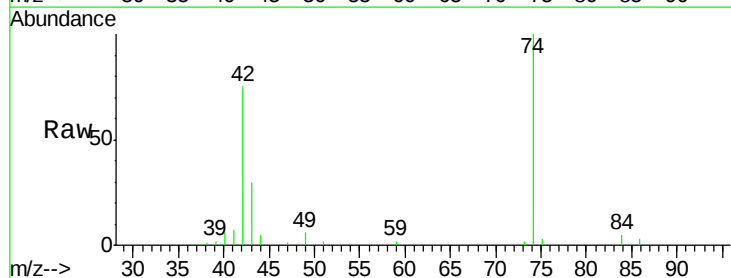
Tgt Ion: 42 Resp: 72079

Ion Ratio Lower Upper

42 100

74 133.6 110.8 166.2

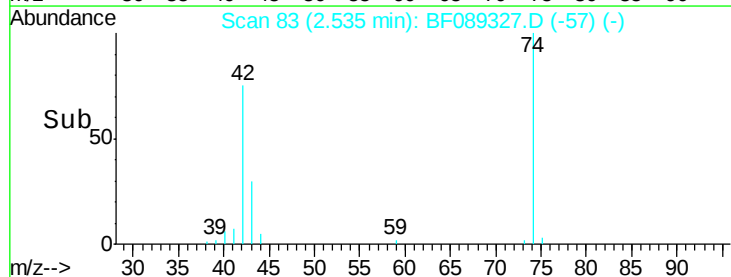
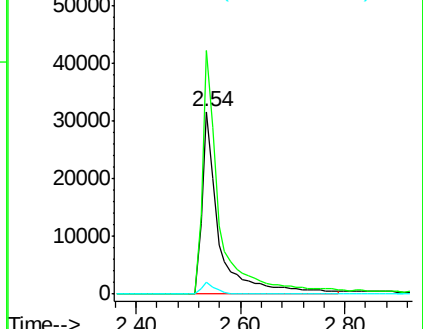
44 6.6 5.2 7.8

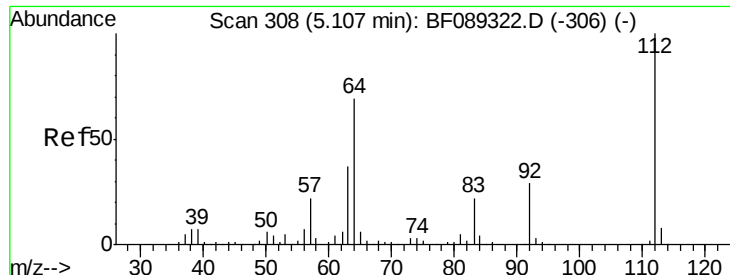


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 122.43 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.01 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Instrument :

BNA\_F

ClientSampled :

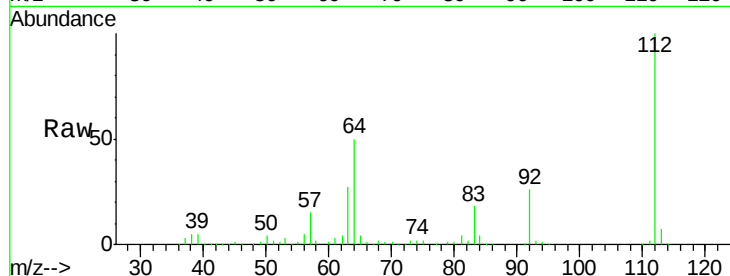
Tot Ion: 112 Resp: 345485

Ion Ratio Lower Upper

112 100

64 50.1 55.0 82.6#

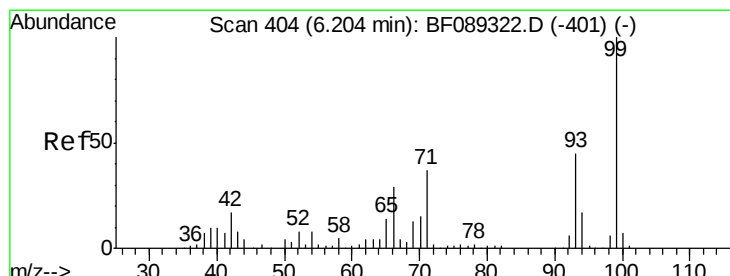
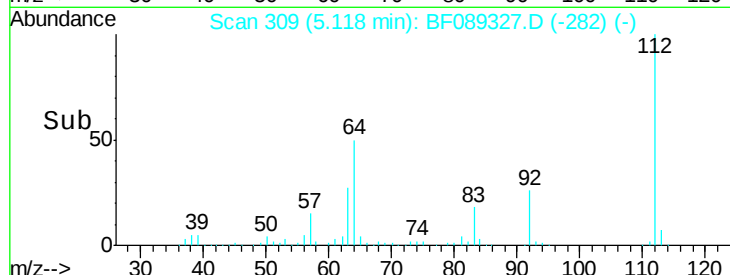
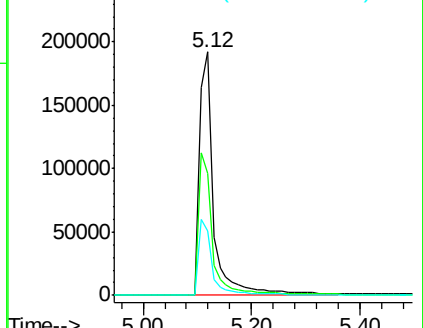
63 26.7 29.4 44.2#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 62.30 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

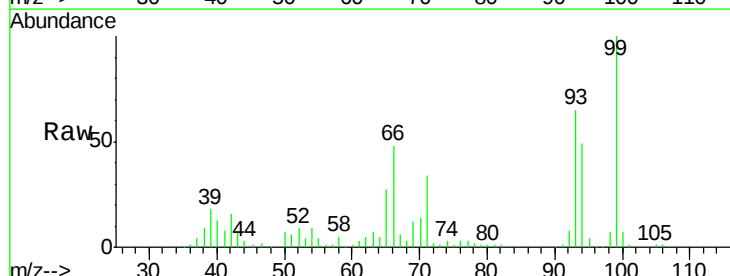
Tgt Ion: 93 Resp: 250870

Ion Ratio Lower Upper

93 100

66 74.1 51.6 77.4

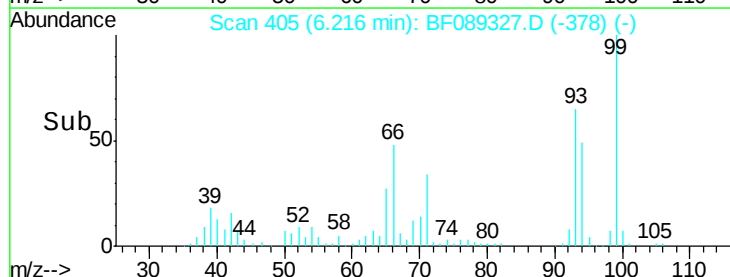
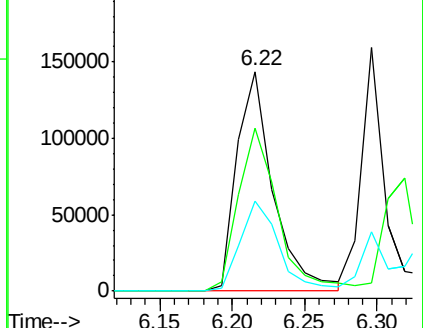
65 40.8 24.7 37.1#

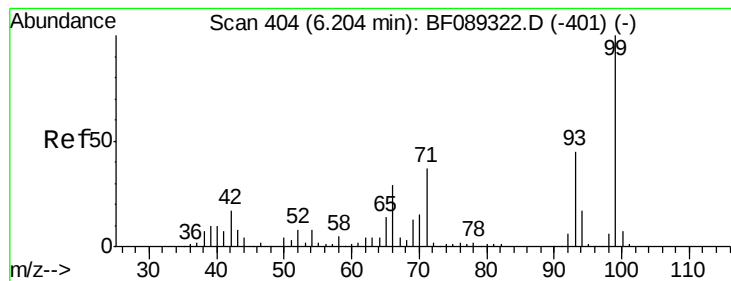


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.39 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Instrument :

BNA\_F

ClientSampleId :

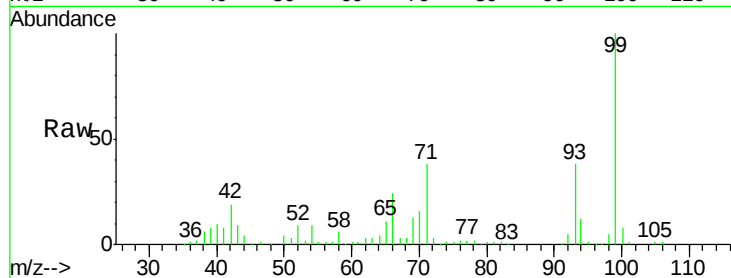
Tot Ion: 99 Resp: 437796

Ion Ratio Lower Upper

99 100

42 19.0 13.6 20.4

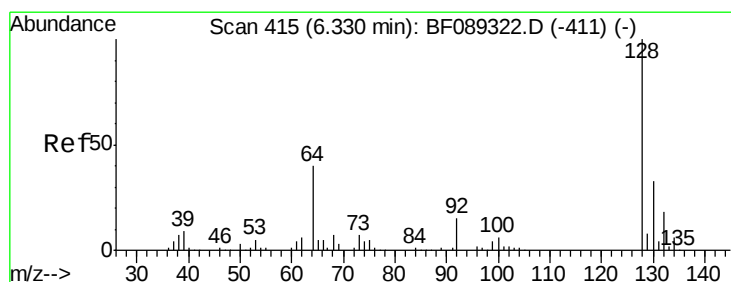
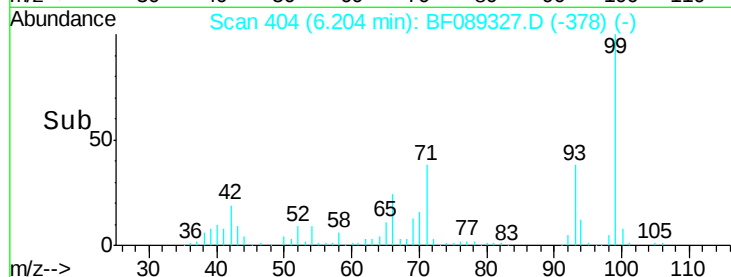
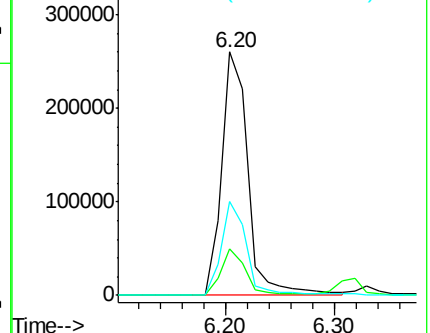
71 38.3 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 60.21 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

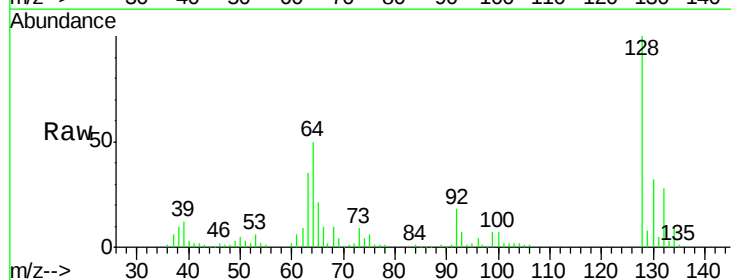
Tgt Ion: 128 Resp: 192202

Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

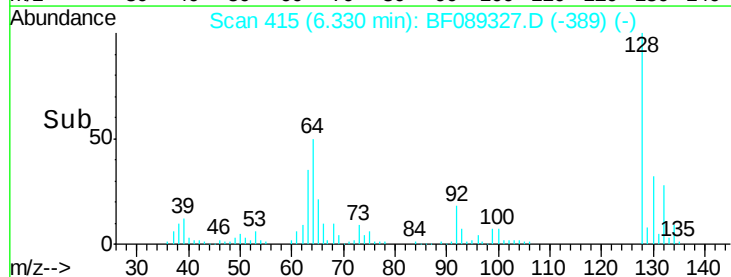
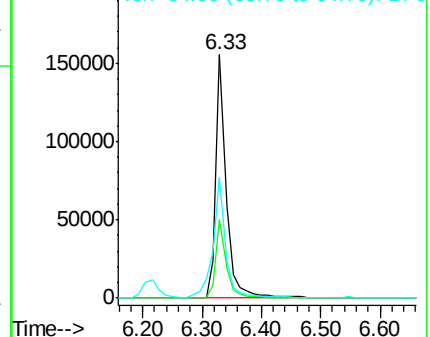
64 49.7 22.1 62.1

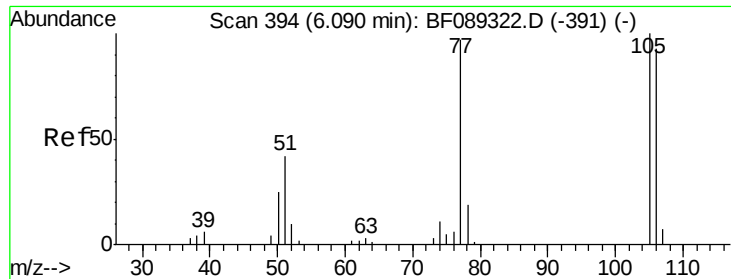


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 59.43 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Instrument :

BNA\_F

ClientSampleId :

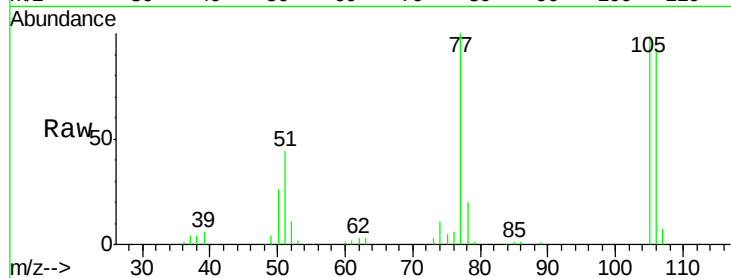
Tot Ion: 77 Resp: 108225

Ion Ratio Lower Upper

77 100

105 99.4 82.9 122.9

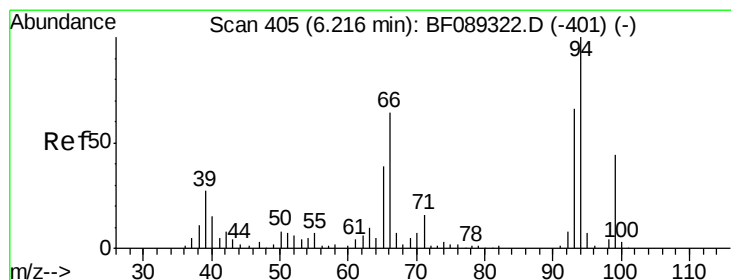
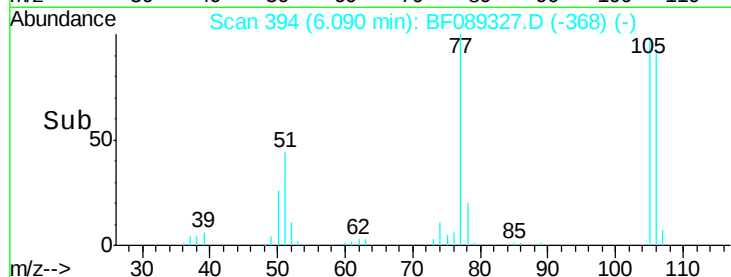
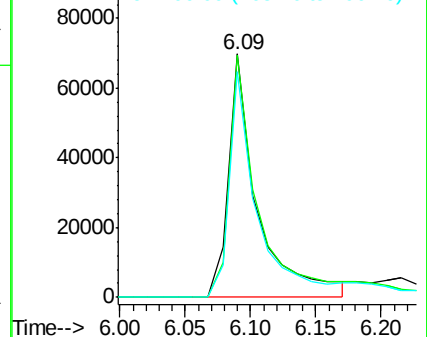
106 92.5 75.9 115.9



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: 59.48 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

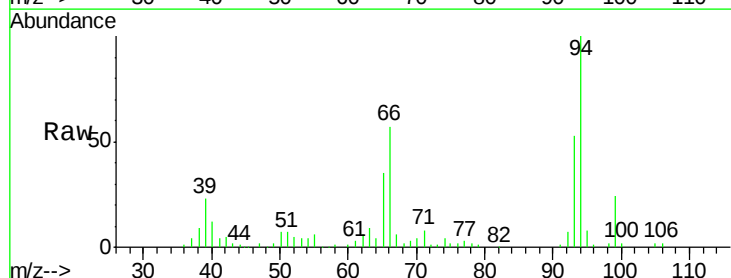
Tgt Ion: 94 Resp: 244765

Ion Ratio Lower Upper

94 100

65 35.4 19.1 59.1

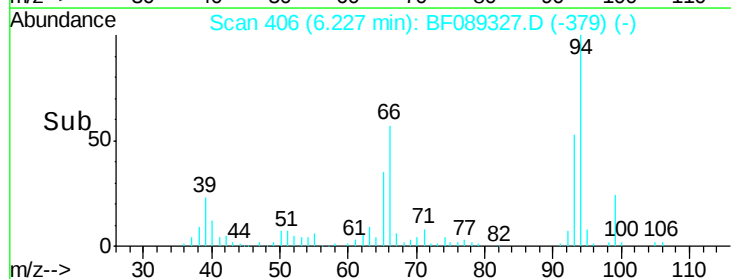
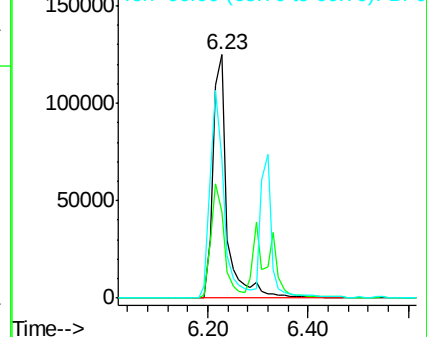
66 57.0 44.4 84.4

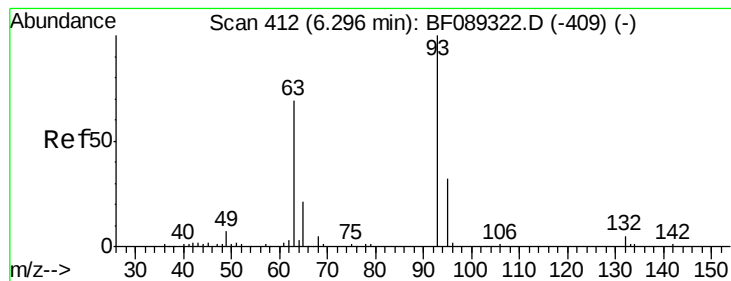


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

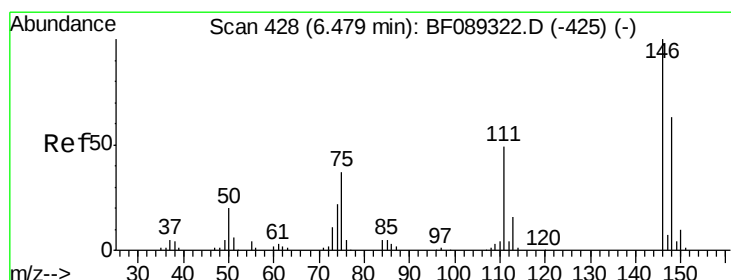
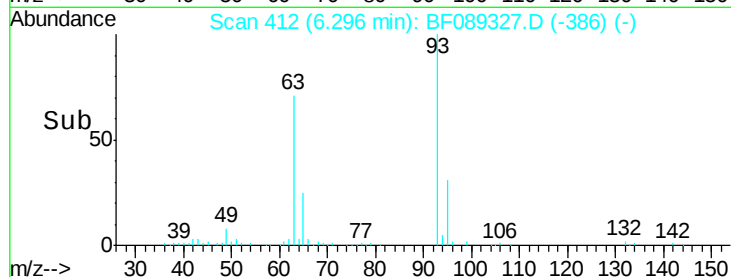
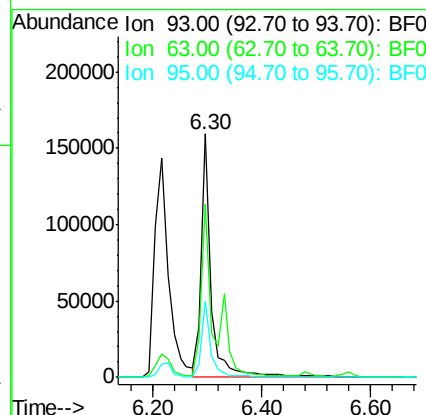
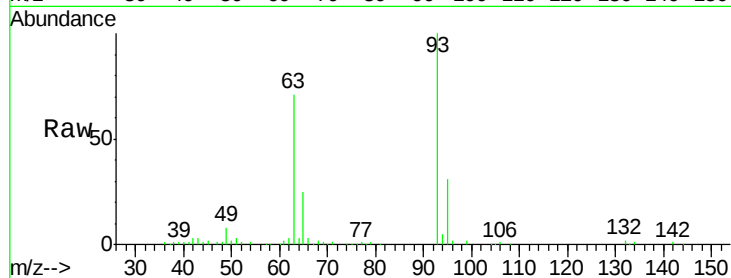




#11  
bis(2-Chloroethyl)ether  
Concen: 56.21 ng  
RT: 6.30 min Scan# 412  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

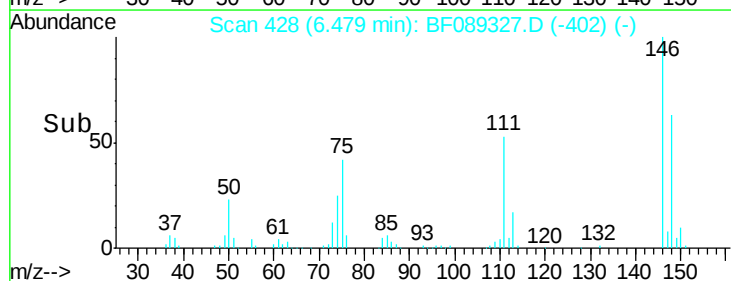
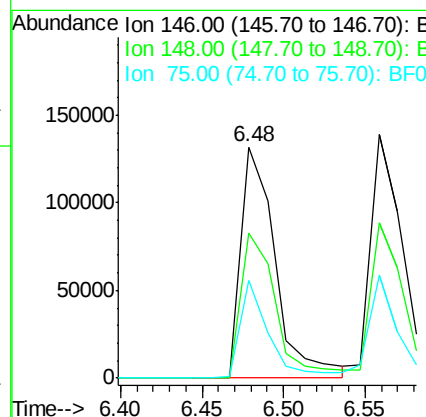
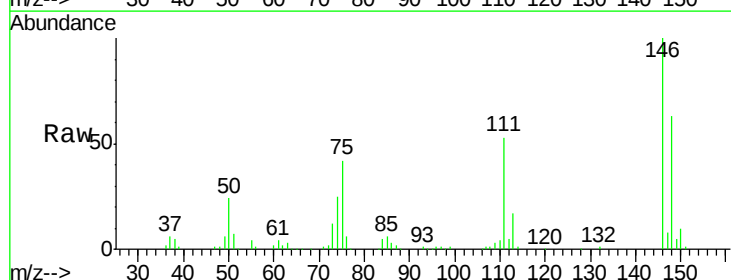
Instrument :  
BNA\_F  
ClientSampleId :

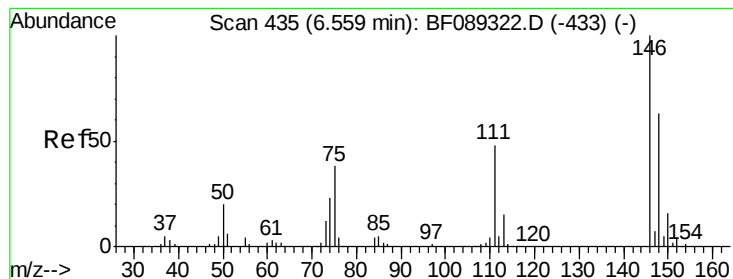
| Tot Ion   | 93    | Resp  | 196531 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 71.3  | 45.6  | 85.6   |
| 95        | 31.2  | 11.1  | 51.1   |



#12  
1,3-Dichlorobenzene  
Concen: 57.58 ng  
RT: 6.48 min Scan# 428  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

| Tgt Ion   | 146   | Resp  | 192251 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.9  | 50.5  | 75.7   |
| 75        | 42.1  | 30.0  | 45.0   |





#13

1,4-Dichlorobenzene

Concen: 56.76 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Instrument :

BNA\_F

ClientSampleId :

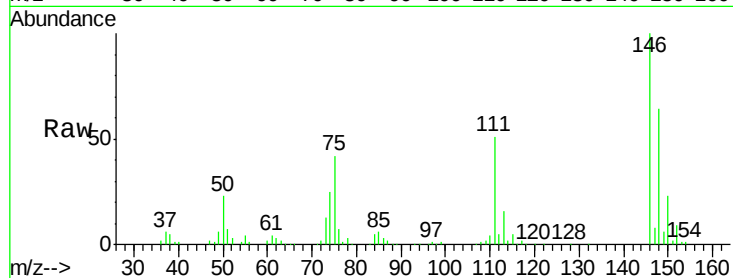
Tot Ion:146 Resp: 209130

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

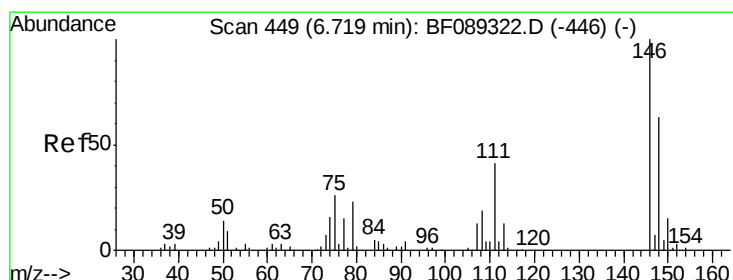
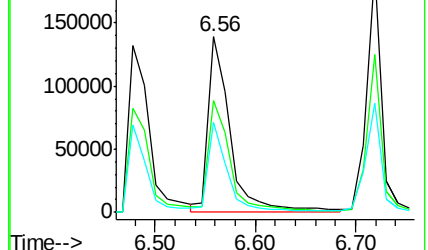
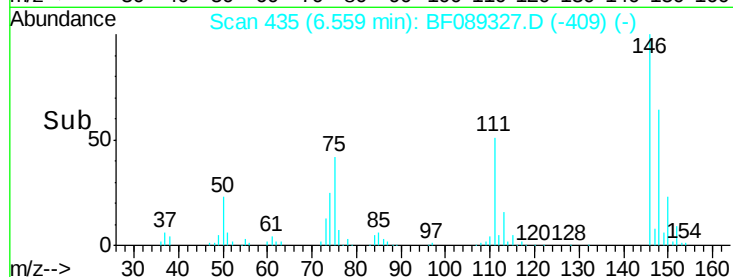
111 51.1 38.6 57.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 58.53 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

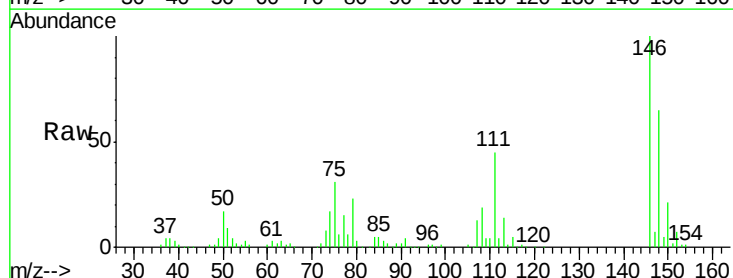
Tgt Ion:146 Resp: 202046

Ion Ratio Lower Upper

146 100

148 65.0 50.4 75.6

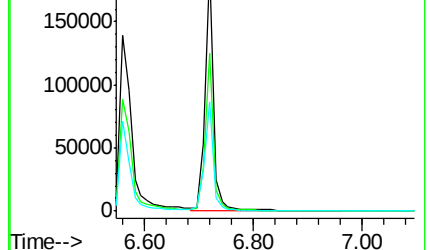
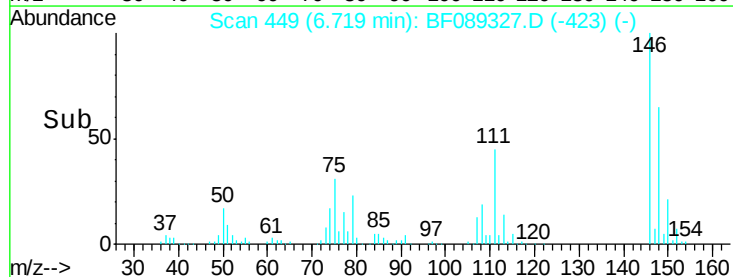
111 44.8 33.0 49.4

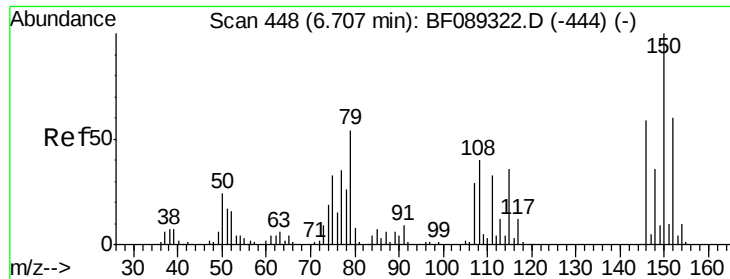


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

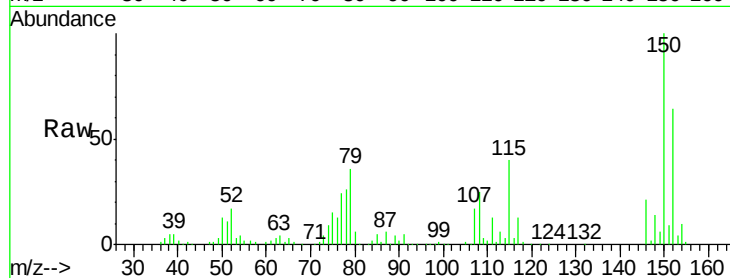




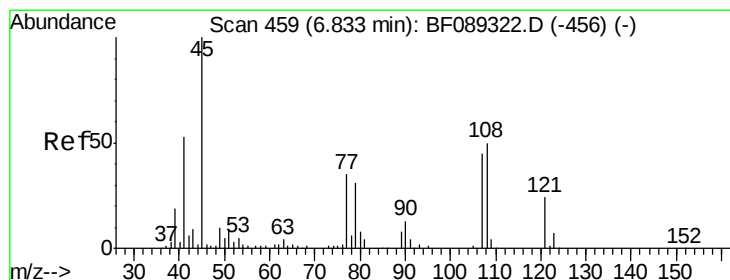
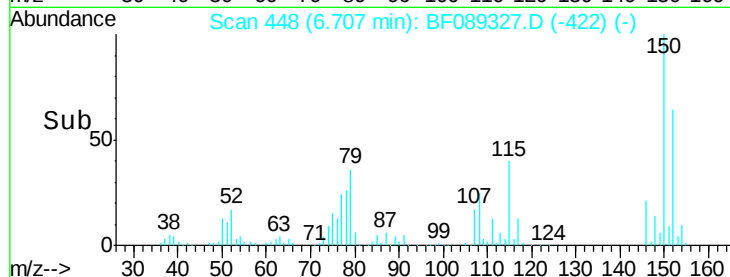
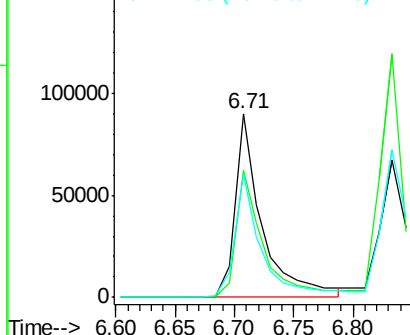
#15  
Benzyl Alcohol  
Concen: 61.19 ng  
RT: 6.71 min Scan# 448  
Delta R.T. 0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 79 Resp: 141618  
Ion Ratio Lower Upper  
79 100  
108 69.3 59.8 89.6  
77 67.4 51.7 77.5

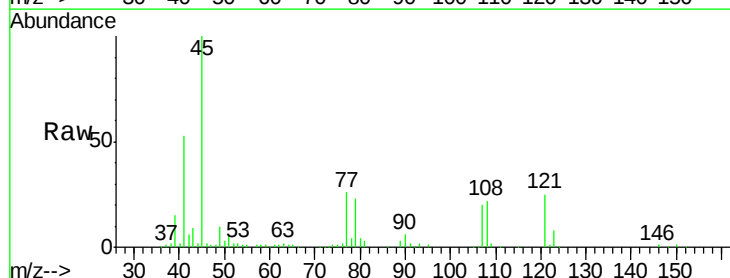


Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0

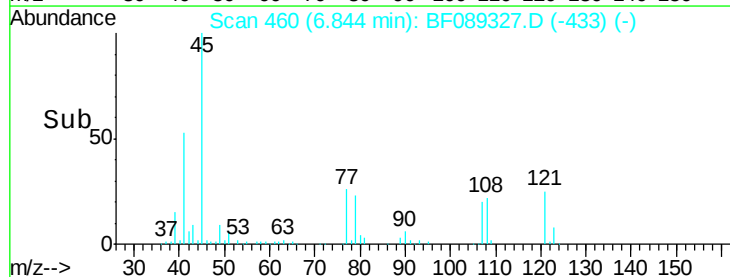
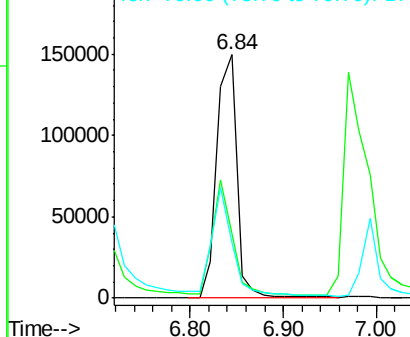


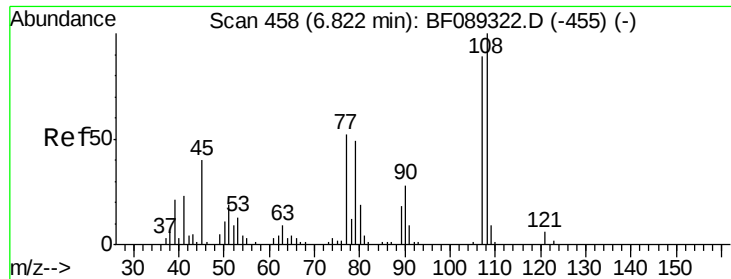
#16  
2,2'-oxybis(1-chloropropane)  
Concen: 59.07 ng  
RT: 6.84 min Scan# 460  
Delta R.T. 0.01 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Tgt Ion: 45 Resp: 225287  
Ion Ratio Lower Upper  
45 100  
77 26.2 17.3 57.3  
79 23.0 13.9 53.9



Abundance Ion 45.00 (44.70 to 45.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

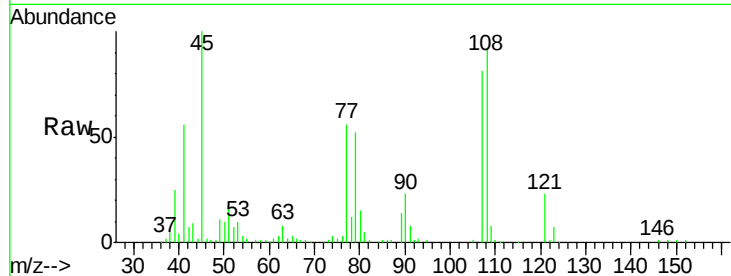




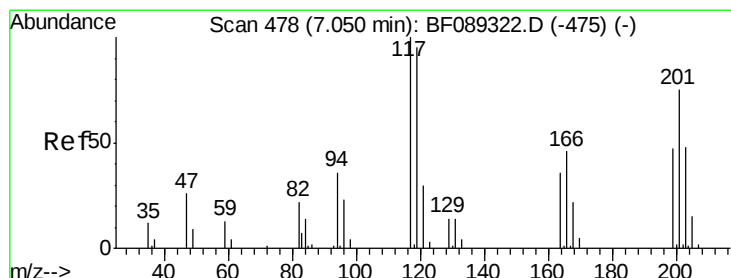
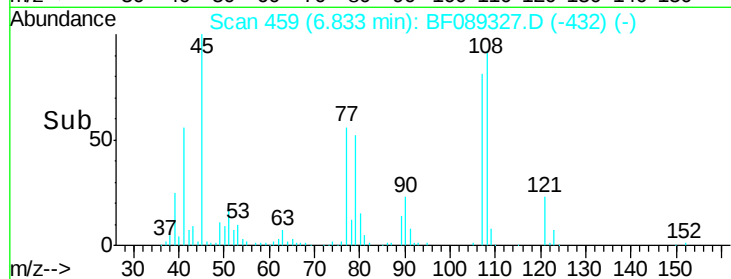
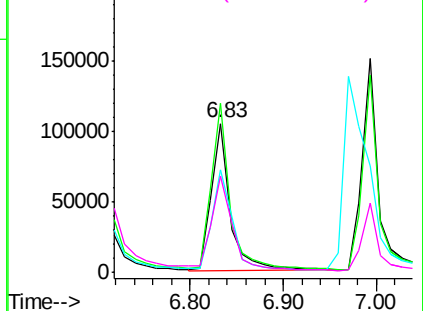
#17  
2-Methylphenol  
Concen: 59.46 ng  
RT: 6.83 min Scan# 459  
Delta R.T. 0.01 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:107 Resp: 146709  
Ion Ratio Lower Upper  
107 100  
108 113.3 91.4 137.0  
77 68.8 48.6 73.0  
79 64.2 48.2 72.4

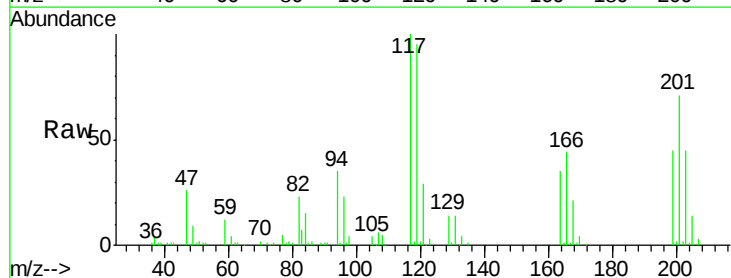


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

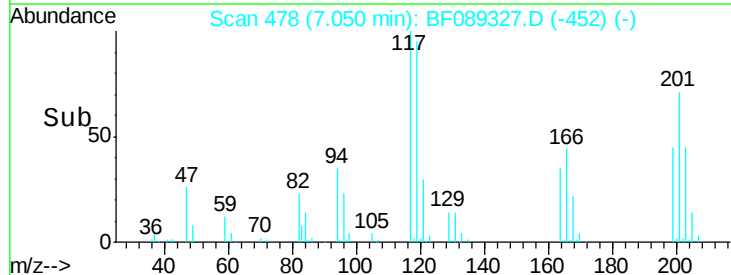
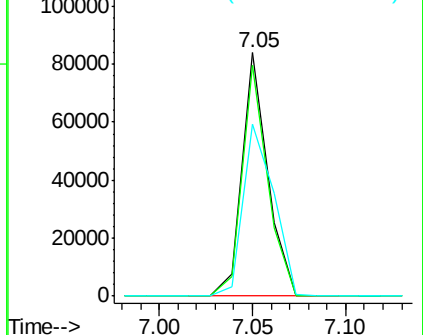


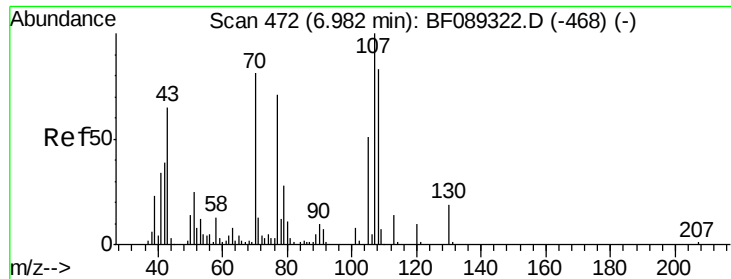
#18  
Hexachloroethane  
Concen: 56.84 ng  
RT: 7.05 min Scan# 478  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Tgt Ion:117 Resp: 80305  
Ion Ratio Lower Upper  
117 100  
119 94.6 76.0 114.0  
201 70.8 60.0 90.0



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

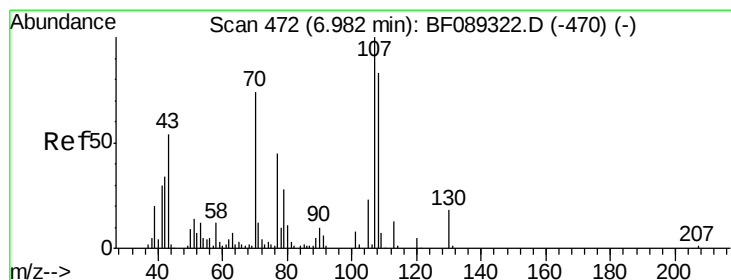
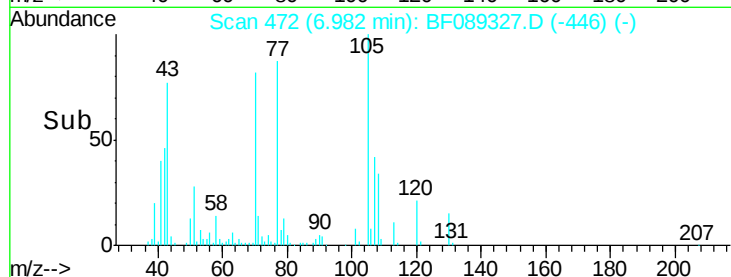
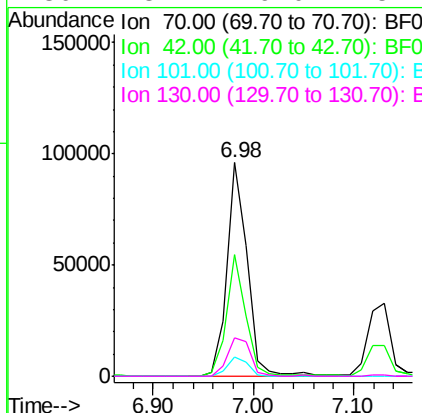
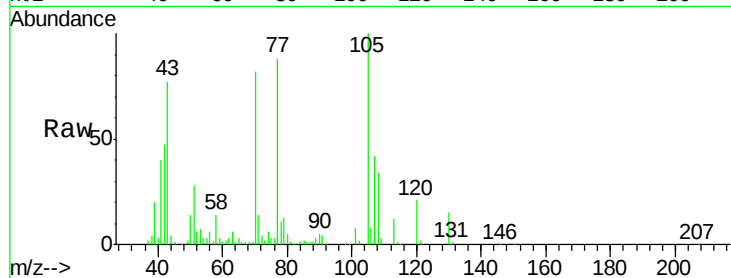




#19  
n-Nitroso-di-n-propylamine  
Concen: 60.08 ng  
RT: 6.98 min Scan# 472  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

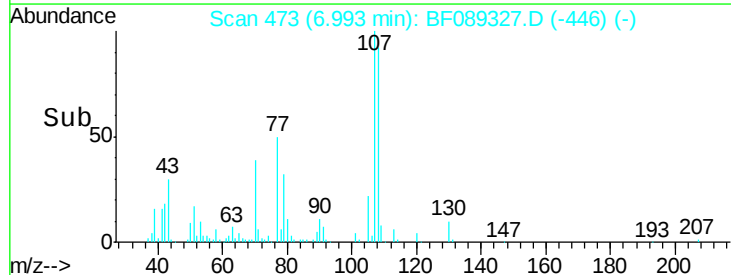
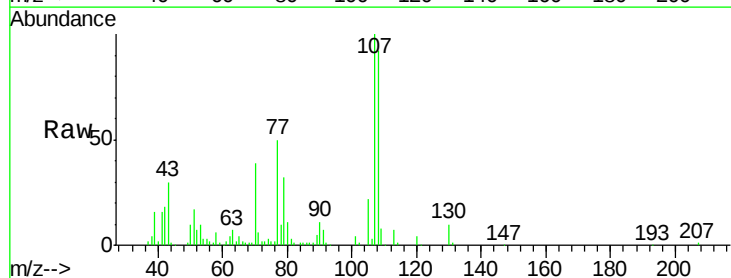
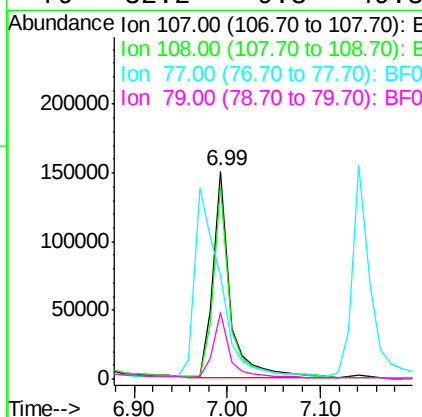
Instrument :  
BNA\_F  
ClientSampled :

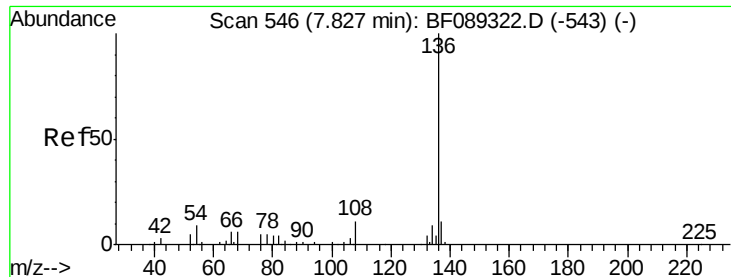
Tot Ion: 70 Resp: 135112  
Ion Ratio Lower Upper  
70 100  
42 57.1 38.6 57.8  
101 9.2 8.3 12.5  
130 18.1 19.0 28.4#



#20  
3+4-Methylphenols  
Concen: 59.62 ng  
RT: 6.99 min Scan# 473  
Delta R.T. 0.01 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Tgt Ion: 107 Resp: 188908  
Ion Ratio Lower Upper  
107 100  
108 92.2 63.3 103.3  
77 50.0 51.1 91.1#  
79 32.2 9.3 49.3

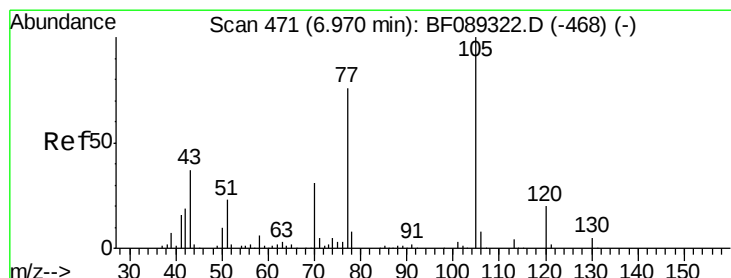
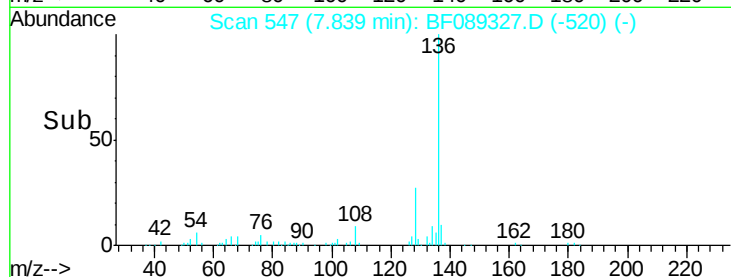
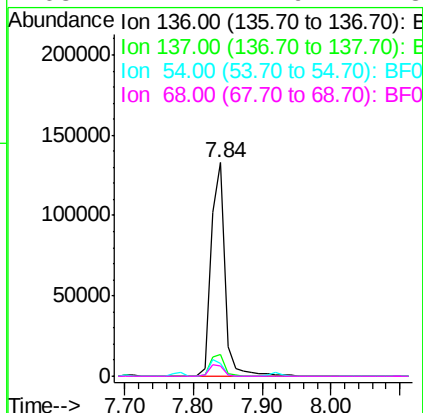
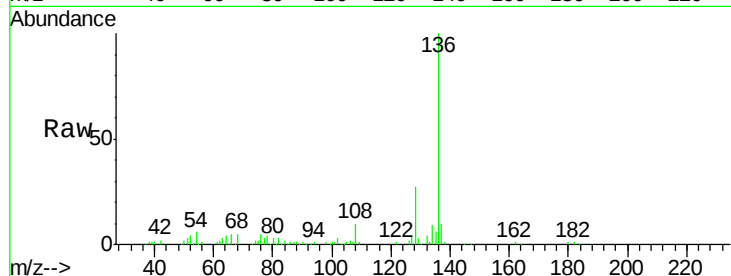




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.84 min Scan# 547  
Delta R.T. 0.01 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

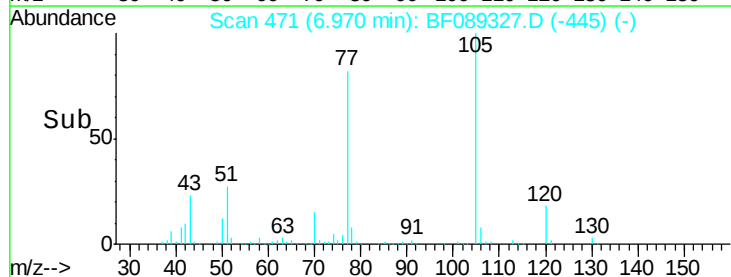
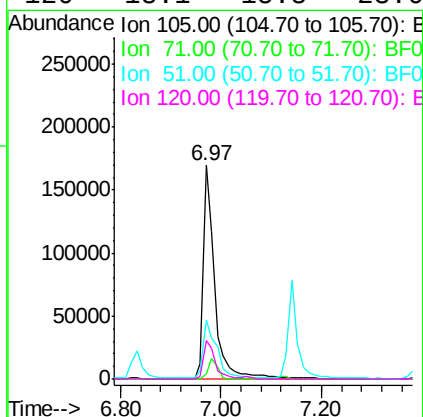
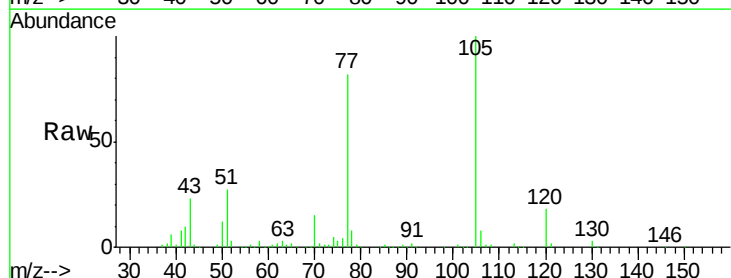
Instrument :  
BNA\_F  
ClientSampleId :

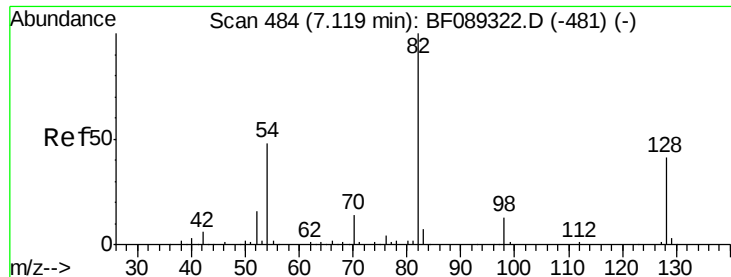
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:136 | Resp: | 188515    |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 10.1  | 8.6 13.0  |
| 54          | 5.8   | 7.0 10.4# |
| 68          | 4.7   | 4.9 7.3#  |



#22  
Acetophenone  
Concen: 60.24 ng  
RT: 6.97 min Scan# 471  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 270363    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 2.5   | 4.2 6.2#  |
| 51          | 27.4  | 18.7 28.1 |
| 120         | 18.1  | 15.8 23.6 |

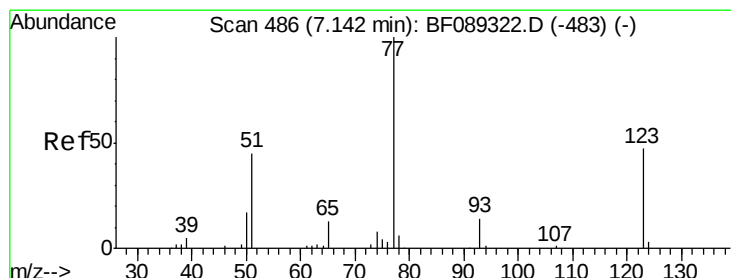
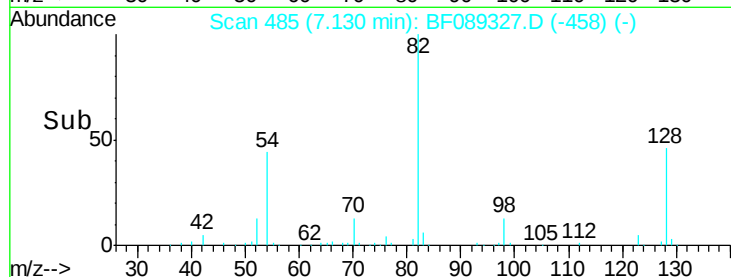
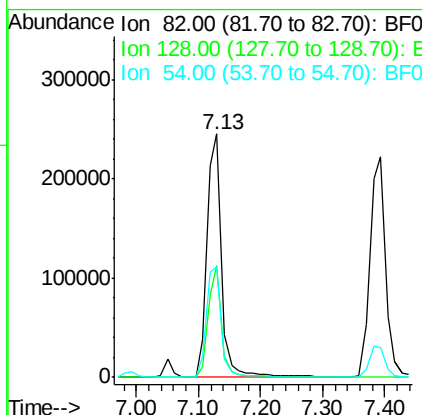
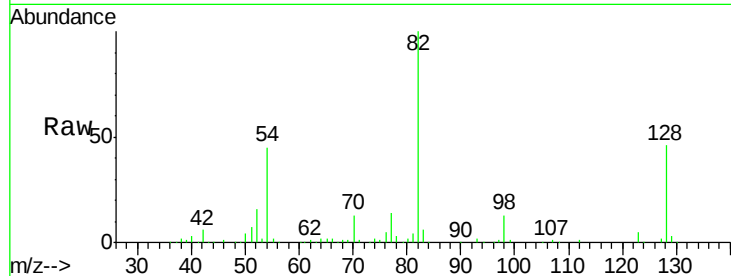




#23  
Nitrobenzene-d5  
Concen: 125.33 ng  
RT: 7.13 min Scan# 485  
Delta R.T. 0.01 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

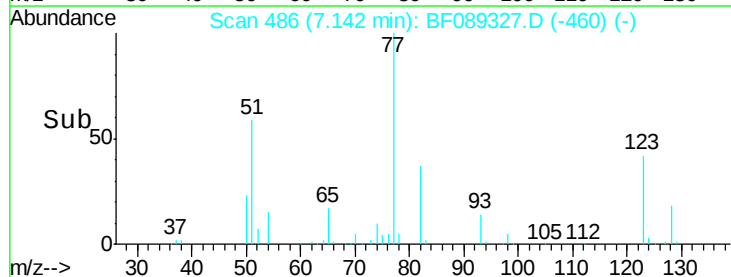
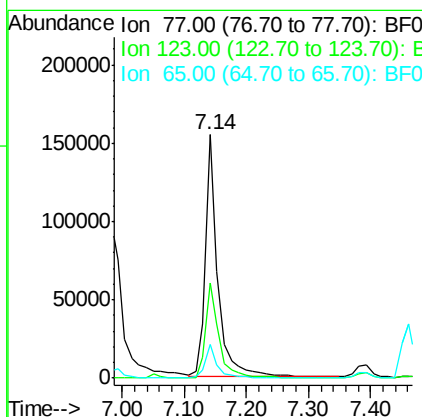
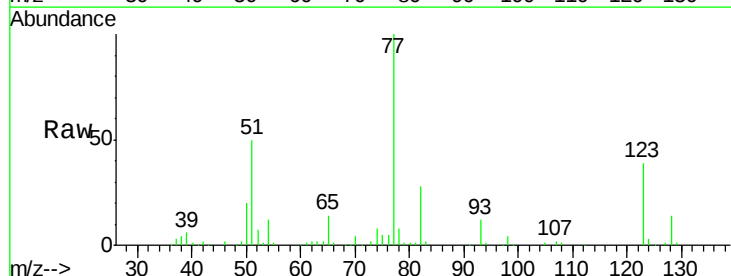
Instrument :  
BNA\_F  
ClientSampleId :

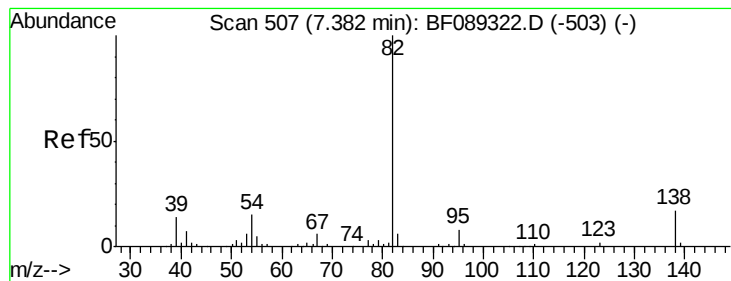
Tot Ion: 82 Resp: 400291  
Ion Ratio Lower Upper  
82 100  
128 45.9 32.5 48.7  
54 45.2 38.8 58.2



#24  
Nitrobenzene  
Concen: 58.75 ng  
RT: 7.14 min Scan# 486  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Tgt Ion: 77 Resp: 213558  
Ion Ratio Lower Upper  
77 100  
123 38.9 37.2 55.8  
65 13.7 10.2 15.4





#25

Isophorone

Concen: 60.42 ng

RT: 7.39 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Instrument :

BNA\_F

ClientSampleId :

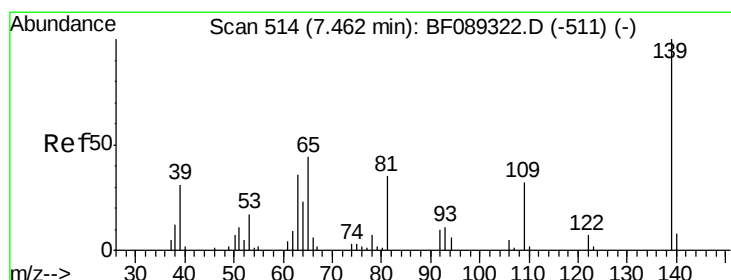
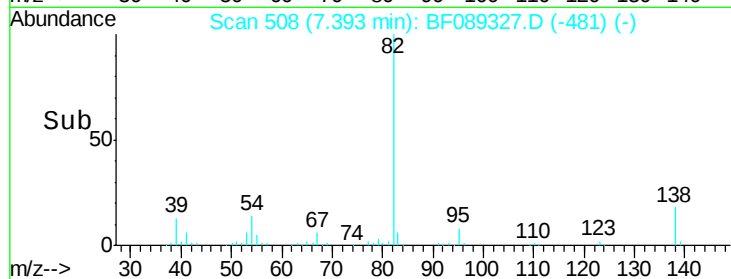
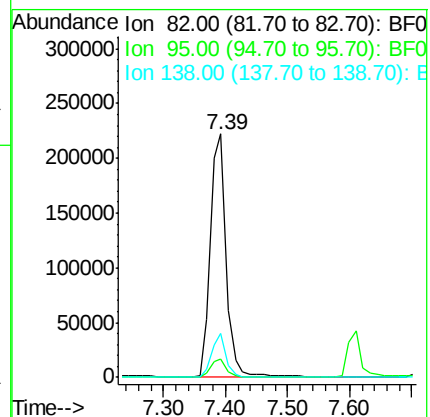
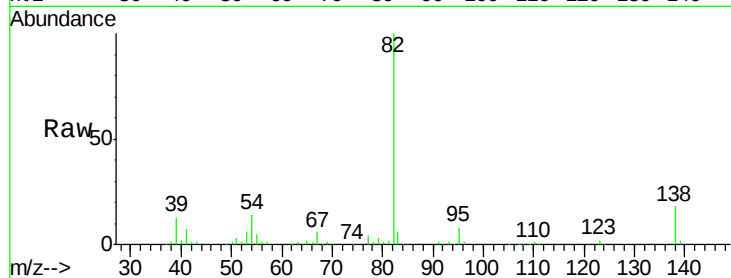
Tot Ion: 82 Resp: 388743

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

138 18.1 13.3 19.9



#26

2-Nitrophenol

Concen: 62.68 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

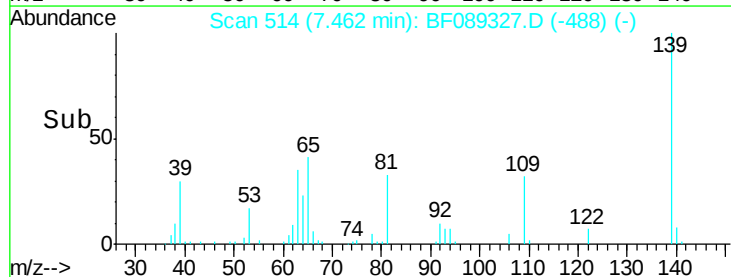
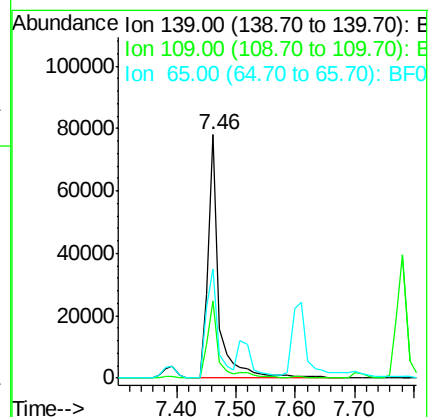
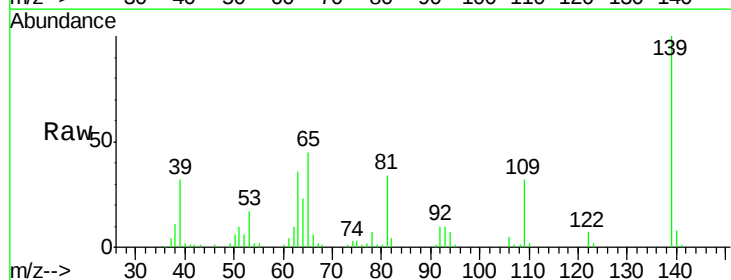
Tgt Ion: 139 Resp: 101860

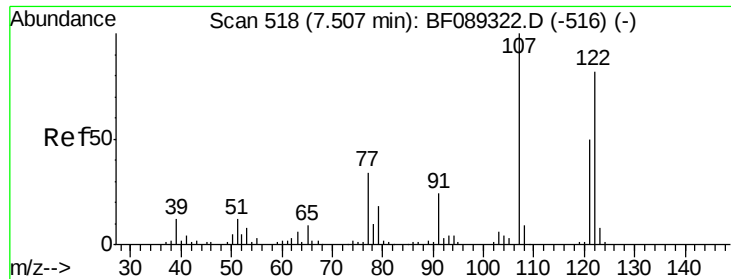
Ion Ratio Lower Upper

139 100

109 31.7 25.8 38.8

65 44.7 35.2 52.8

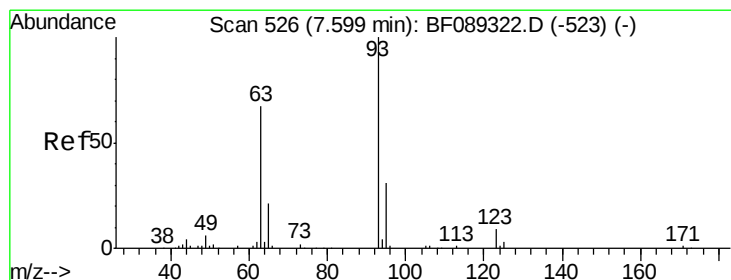
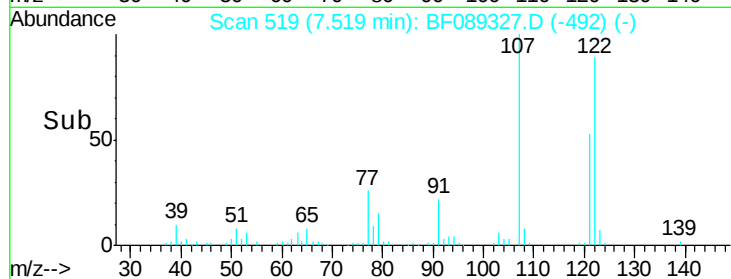
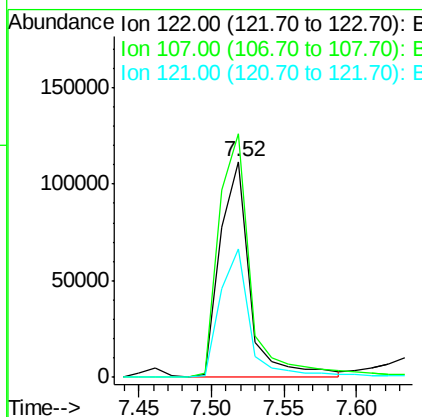
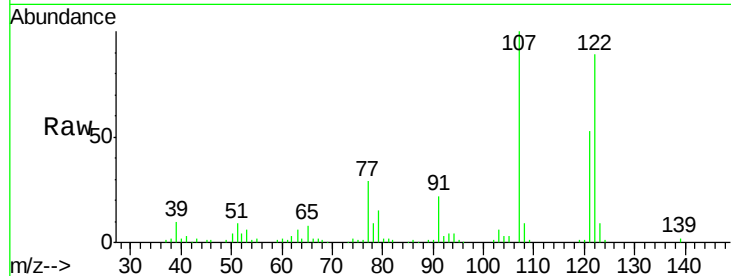




#27  
 2,4-Dimethylphenol  
 Concen: 60.93 ng  
 RT: 7.52 min Scan# 519  
 Delta R.T. 0.01 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

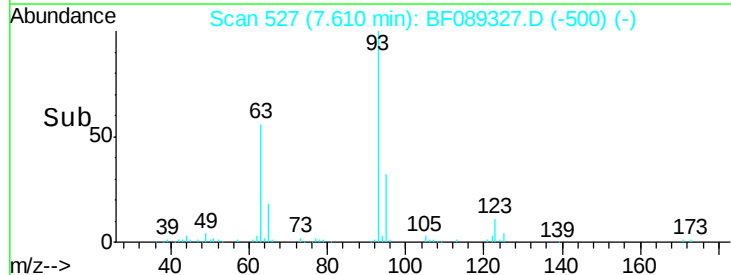
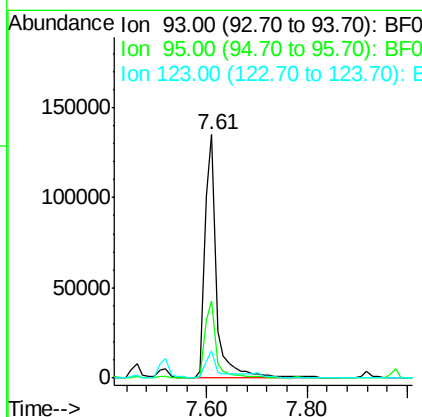
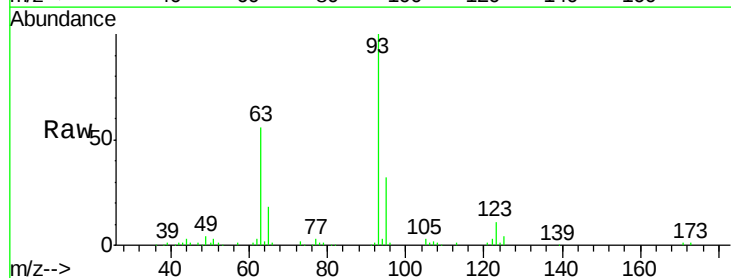
Instrument :  
 BNA\_F  
 ClientSampleId :

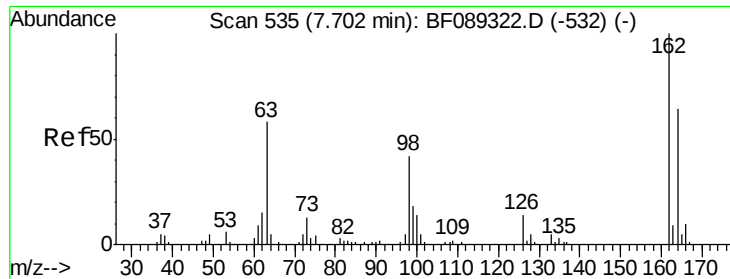
Tot Ion:122 Resp: 157738  
 Ion Ratio Lower Upper  
 122 100  
 107 112.9 97.2 145.8  
 121 59.4 48.8 73.2



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 59.68 ng  
 RT: 7.61 min Scan# 527  
 Delta R.T. 0.01 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

Tgt Ion: 93 Resp: 212548  
 Ion Ratio Lower Upper  
 93 100  
 95 31.6 24.7 37.1  
 123 11.1 7.5 11.3

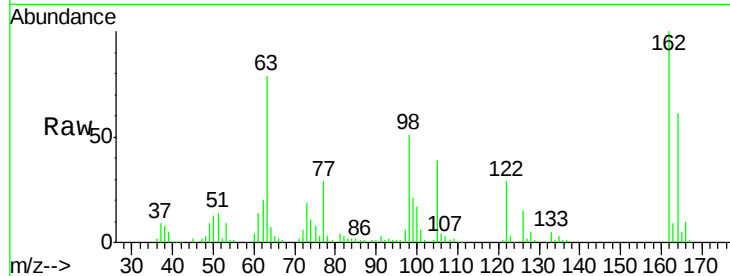




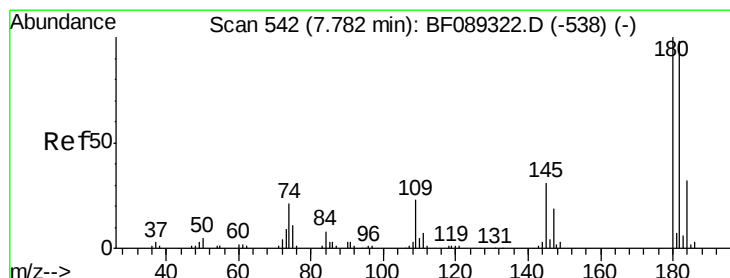
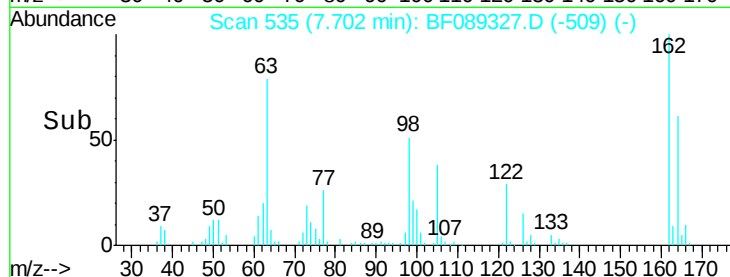
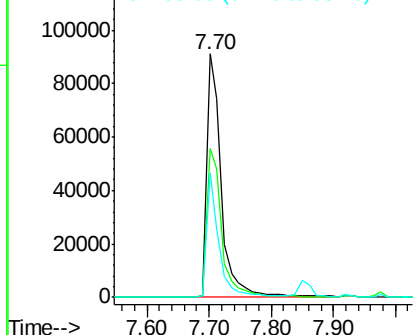
#29  
 2,4-Dichlorophenol  
 Concen: 62.43 ng  
 RT: 7.70 min Scan# 535  
 Delta R.T. -0.00 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:162 Resp: 147274  
 Ion Ratio Lower Upper  
 162 100  
 164 60.9 44.0 84.0  
 98 51.0 21.8 61.8

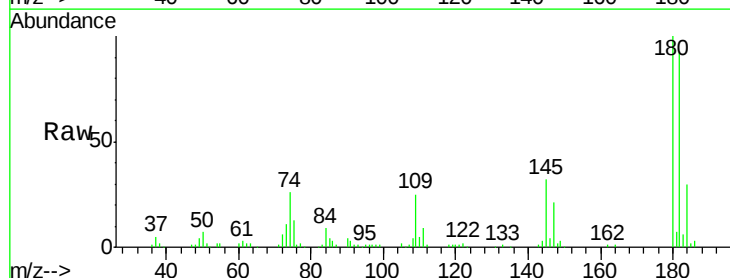


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

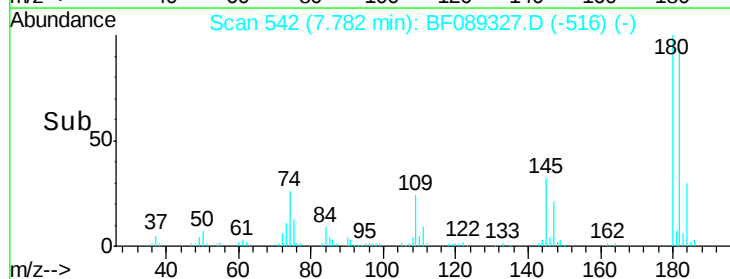
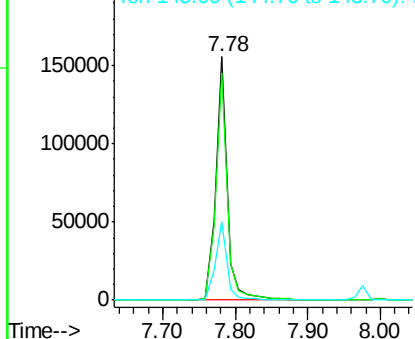


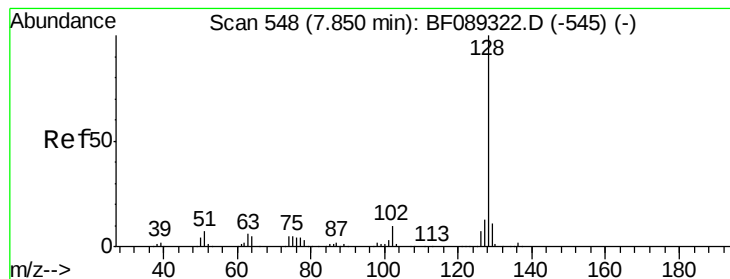
#30  
 1,2,4-Trichlorobenzene  
 Concen: 63.59 ng  
 RT: 7.78 min Scan# 542  
 Delta R.T. -0.00 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

Tgt Ion:180 Resp: 171170  
 Ion Ratio Lower Upper  
 180 100  
 182 93.1 78.2 117.2  
 145 32.1 24.6 36.8



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: 56.34 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Instrument :

BNA\_F

ClientSampleId :

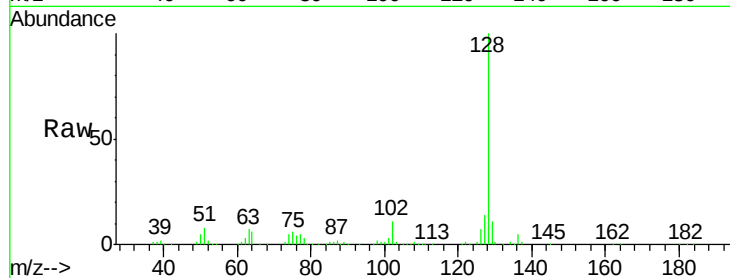
Tot Ion:128 Resp: 525922

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

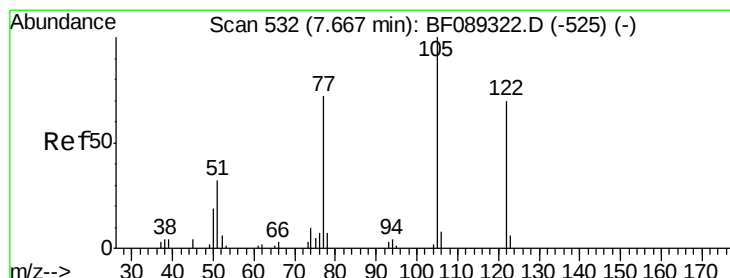
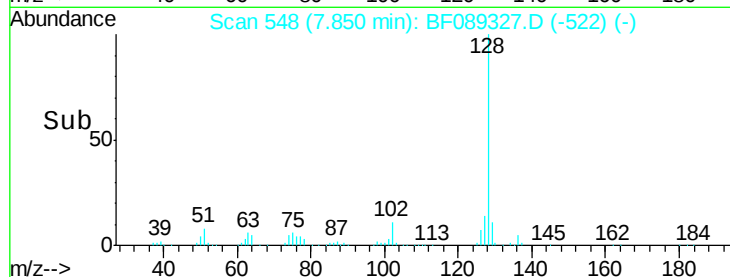
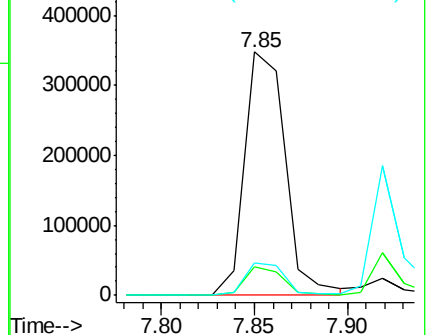
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 64.66 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.03 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

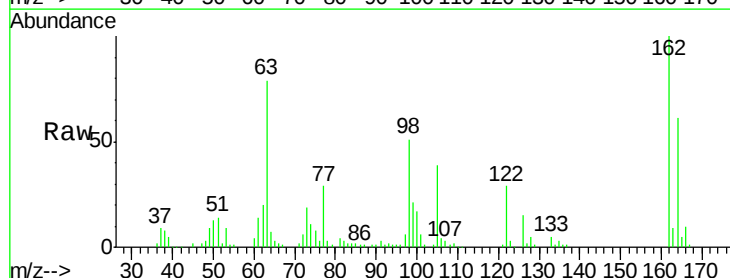
Tgt Ion:122 Resp: 116653

Ion Ratio Lower Upper

122 100

105 131.1 106.4 146.4

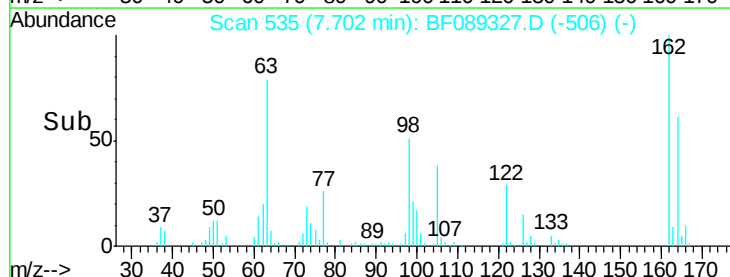
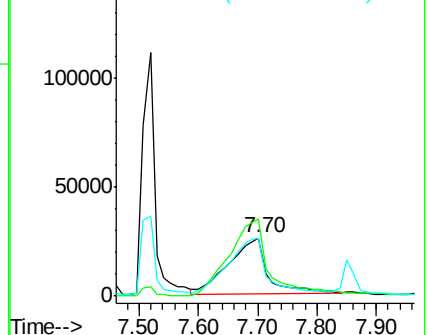
77 98.3 76.4 116.4

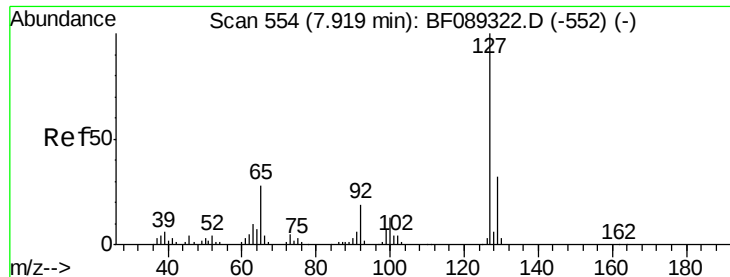


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

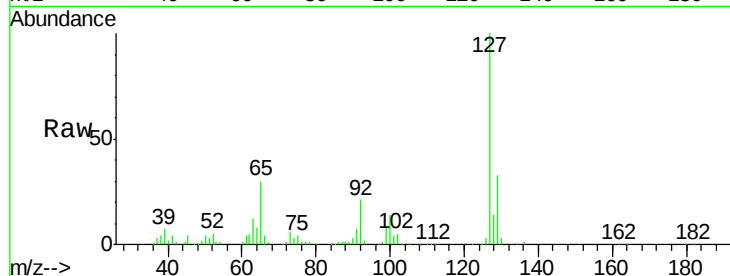




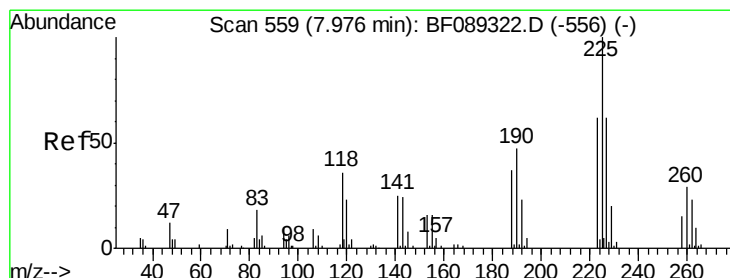
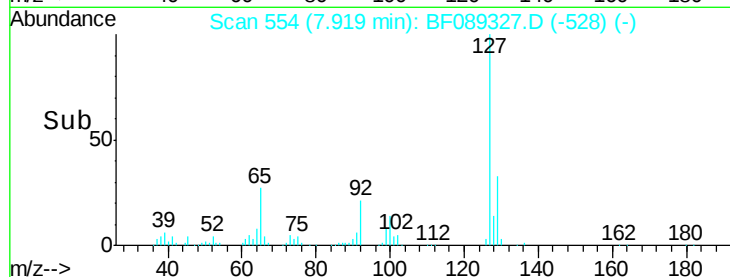
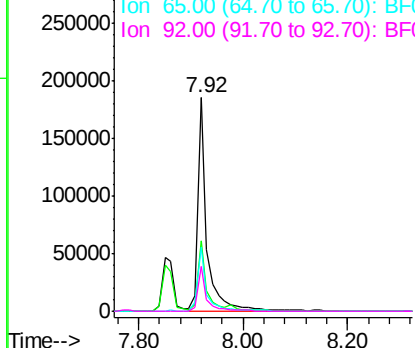
#33  
4-Chloroaniline  
Concen: 62.55 ng  
RT: 7.92 min Scan# 554  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 222296 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.2  | 26.1  | 39.1   |
| 65       | 29.9  | 22.0  | 33.0   |
| 92       | 20.8  | 15.2  | 22.8   |

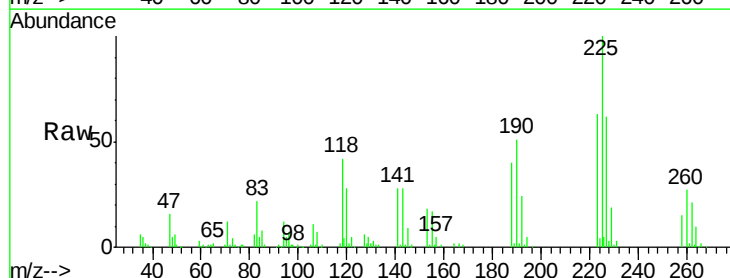


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

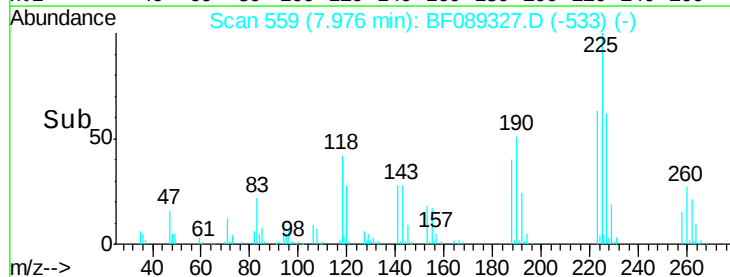
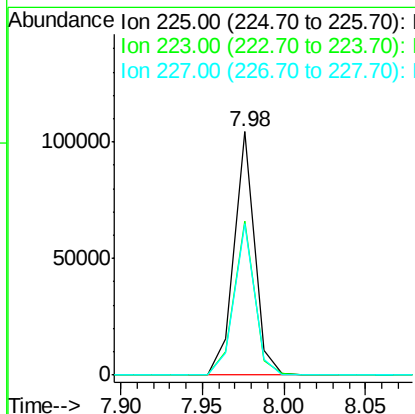


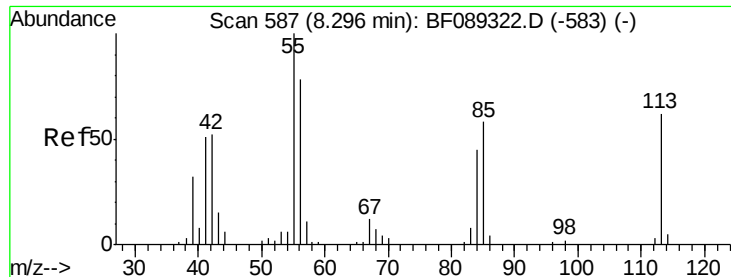
#34  
Hexachlorobutadiene  
Concen: 58.50 ng  
RT: 7.98 min Scan# 559  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 90190 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.1  | 49.8  | 74.8  |
| 227      | 62.4  | 49.4  | 74.2  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

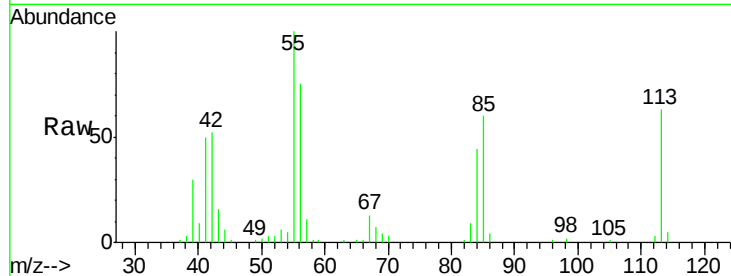




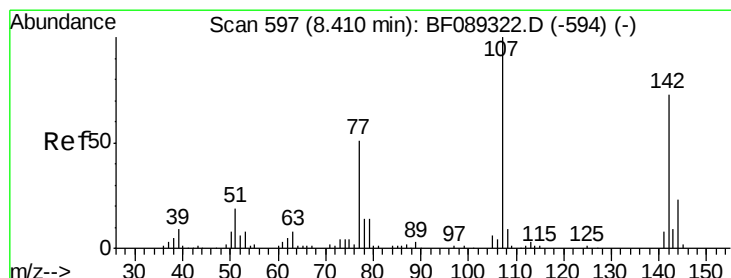
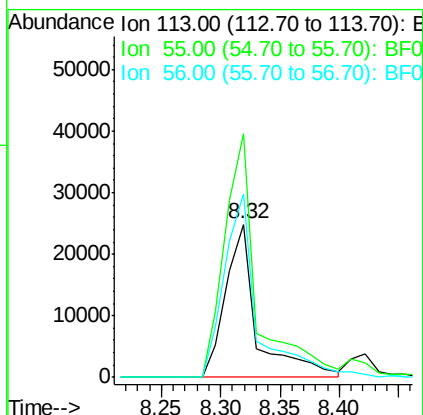
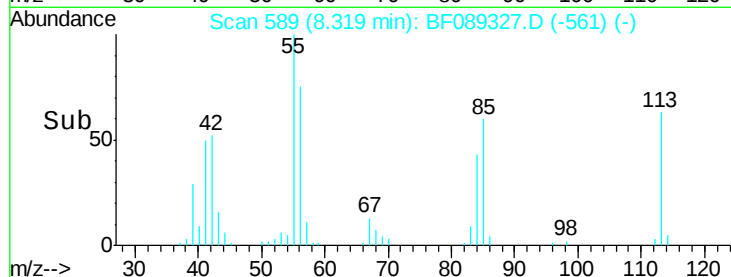
#35  
Caprolactam  
Concen: 64.24 ng  
RT: 8.32 min Scan# 589  
Delta R.T. 0.02 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:113 Resp: 45744  
Ion Ratio Lower Upper  
113 100  
55 159.4 142.3 182.3  
56 120.3 105.8 145.8

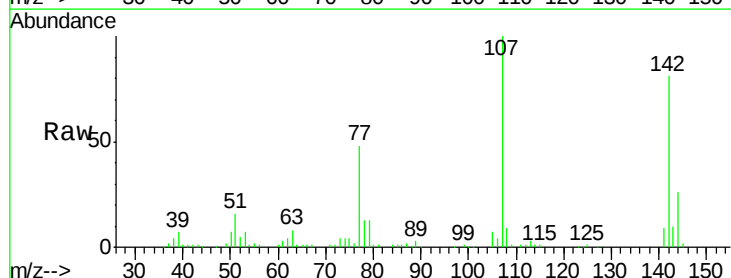


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF0  
Ion 56.00 (55.70 to 56.70): BF0

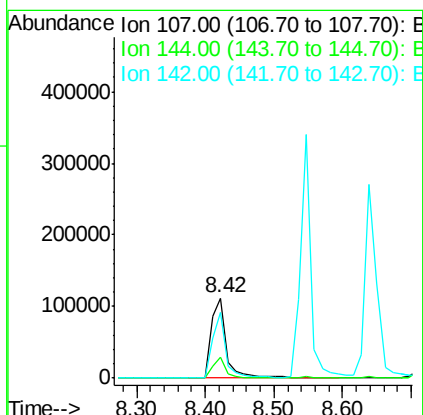
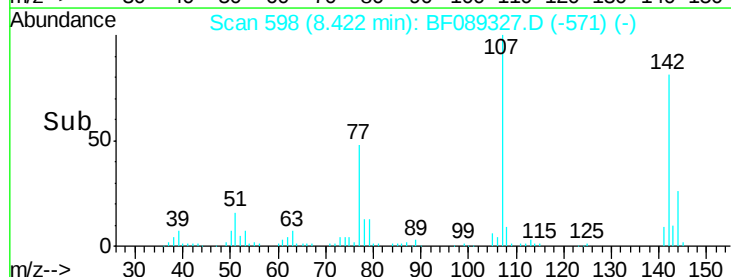


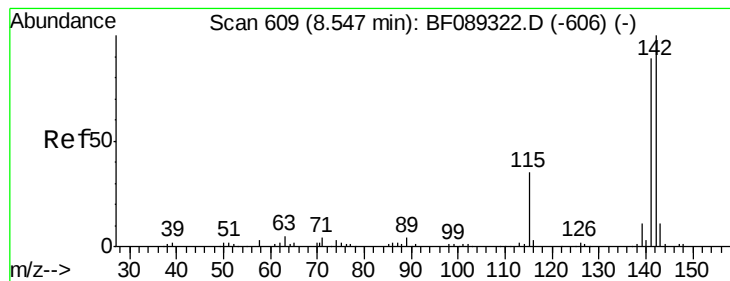
#36  
4-Chloro-3-methylphenol  
Concen: 63.16 ng  
RT: 8.42 min Scan# 598  
Delta R.T. 0.01 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Tgt Ion:107 Resp: 177083  
Ion Ratio Lower Upper  
107 100  
144 26.4 18.4 27.6  
142 81.0 58.6 87.8



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

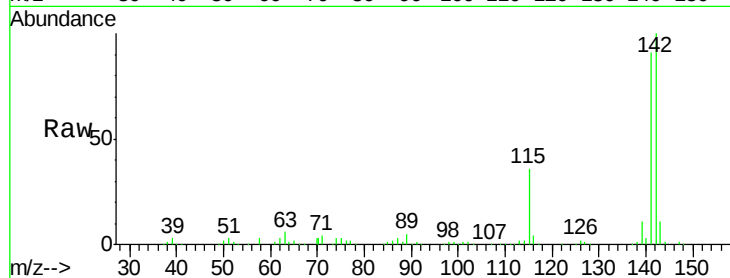




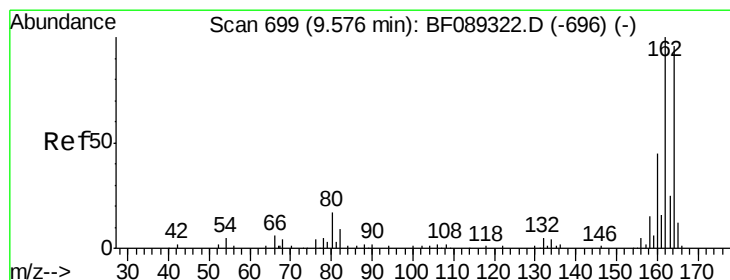
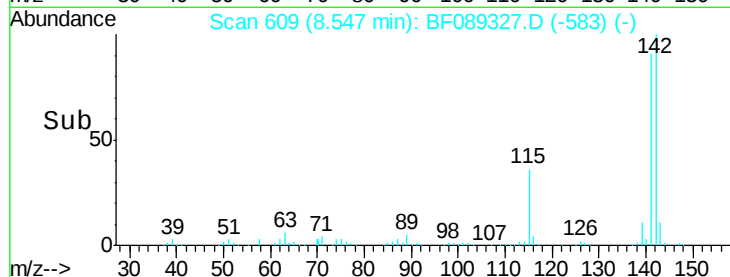
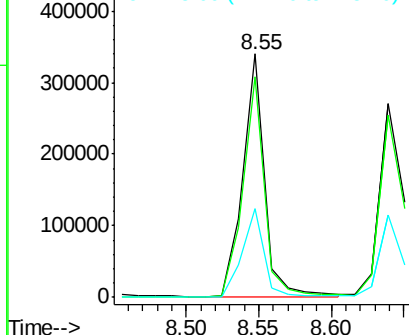
#37  
 2-Methylnaphthalene  
 Concen: 63.44 ng  
 RT: 8.55 min Scan# 609  
 Delta R.T. -0.00 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.9  | 70.9  | 106.3 |
| 115     | 36.3  | 27.6  | 41.4  |

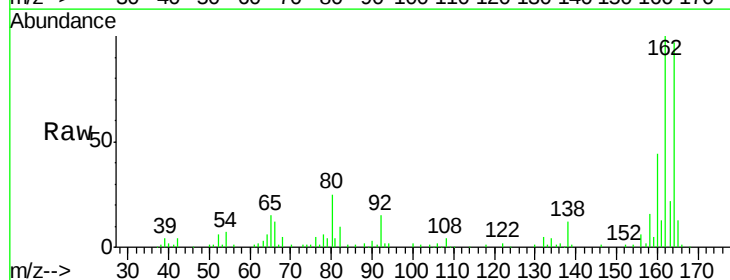


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

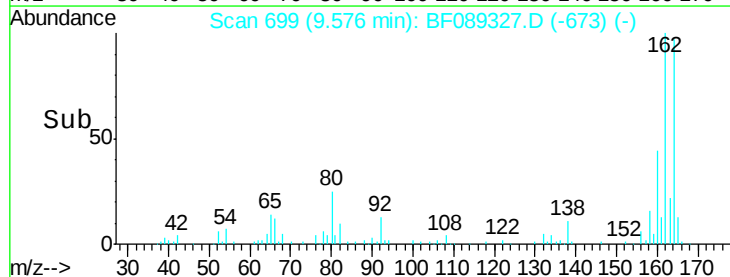
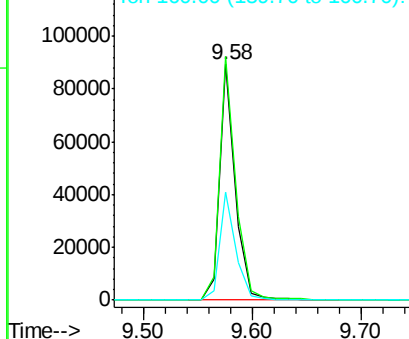


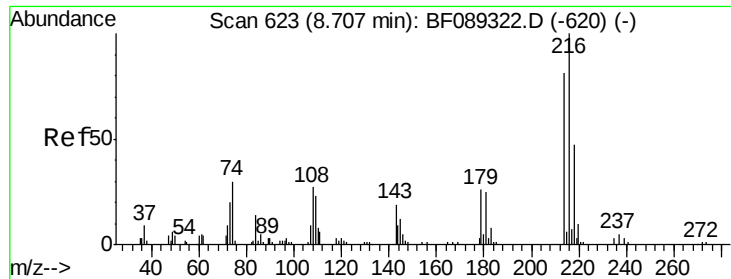
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.58 min Scan# 699  
 Delta R.T. -0.00 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.2 | 83.7  | 125.5 |
| 160     | 45.6  | 37.8  | 56.6  |



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 59.98 ng

RT: 8.72 min Scan# 624

Delta R.T. 0.01 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:216 Resp: 187959

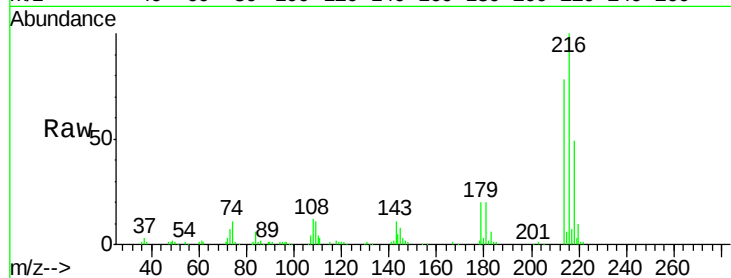
Ion Ratio Lower Upper

216 100

214 78.7 63.3 94.9

179 22.3 18.1 27.1

108 19.2 17.2 25.8

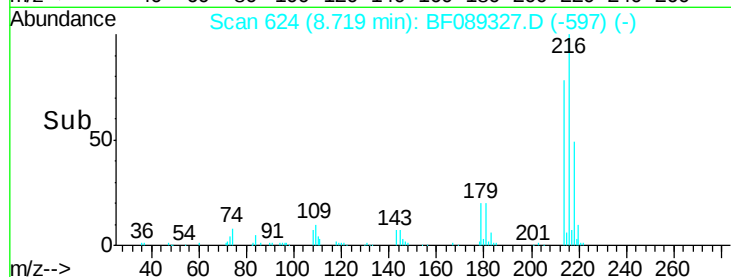


Abundance Ion 216.00 (215.70 to 216.70): E

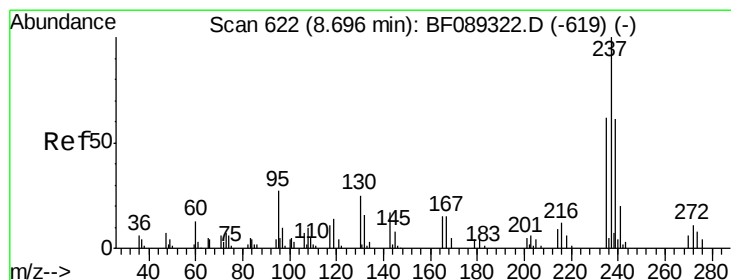
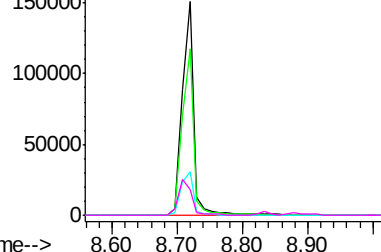
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 72.73 ng

RT: 8.70 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

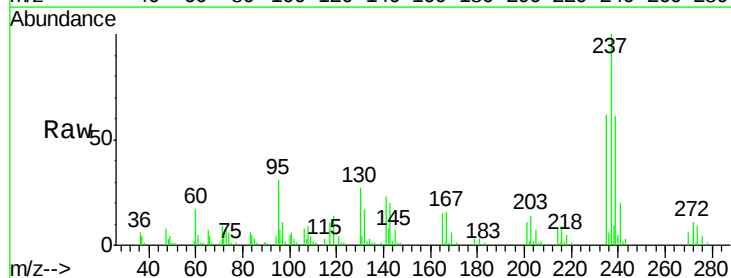
Tgt Ion:237 Resp: 51544

Ion Ratio Lower Upper

237 100

235 62.5 41.6 81.6

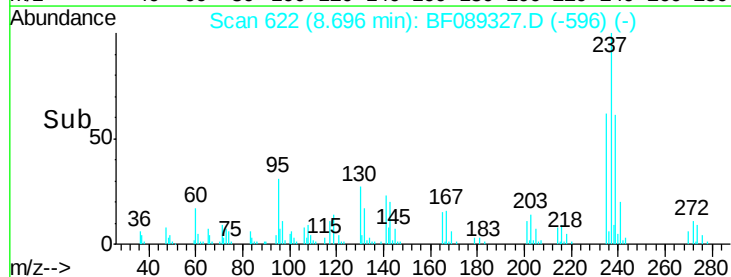
272 11.0 0.0 30.8



Abundance Ion 236.80 (236.50 to 237.50): E

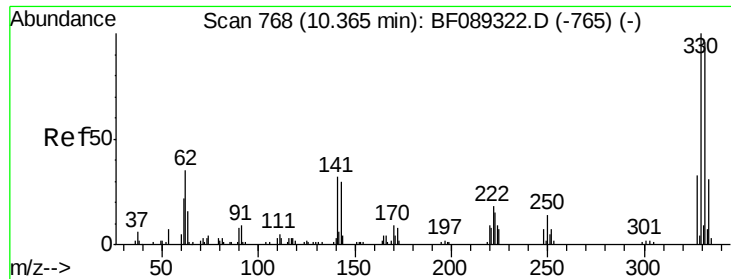
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

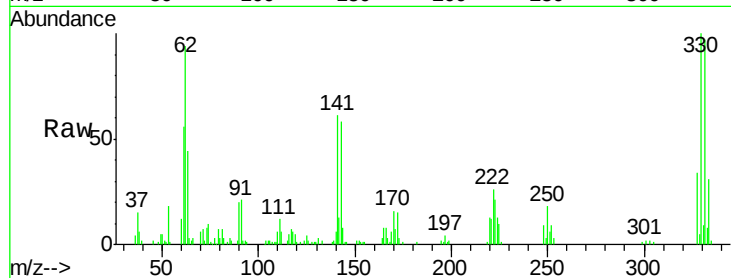




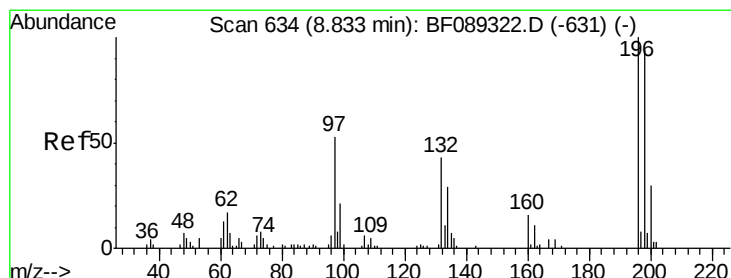
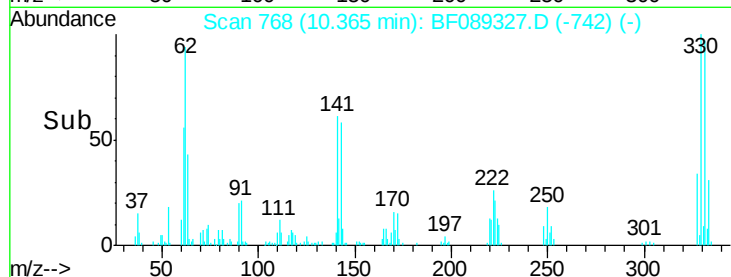
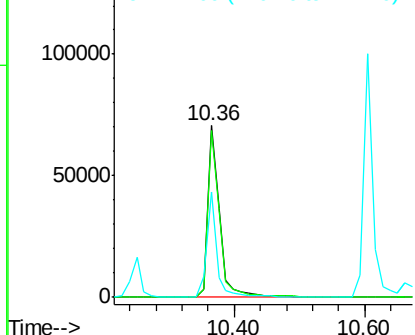
#41  
 2,4,6-Tribromophenol  
 Concen: 121.06 ng  
 RT: 10.36 min Scan# 768  
 Delta R.T. -0.00 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:330 Resp: 89788  
 Ion Ratio Lower Upper  
 330 100  
 332 96.0 76.8 115.2  
 141 52.7 37.3 55.9

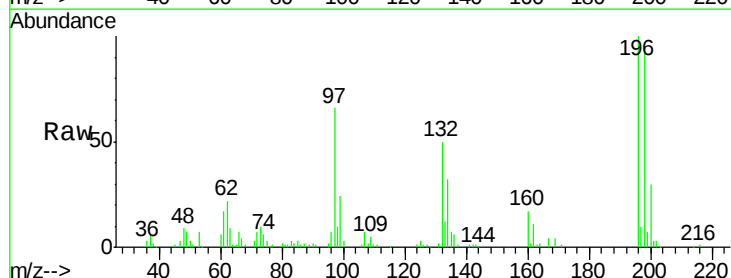


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

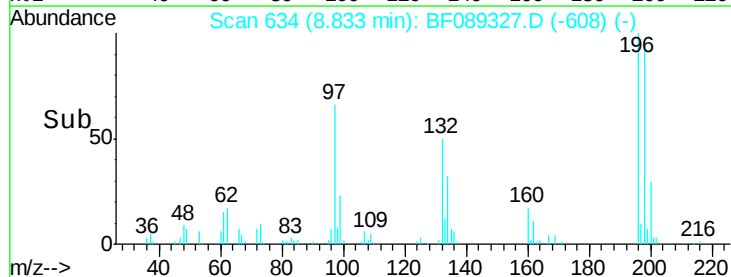
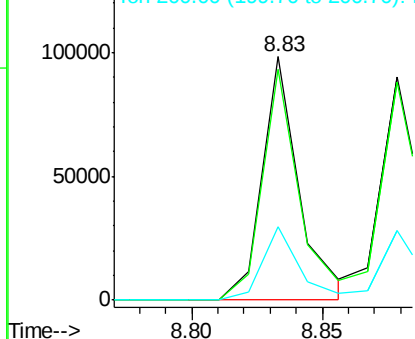


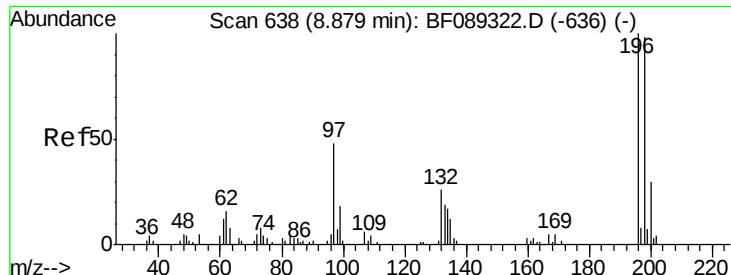
#42  
 2,4,6-Trichlorophenol  
 Concen: 64.95 ng  
 RT: 8.83 min Scan# 634  
 Delta R.T. -0.00 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

Tgt Ion:196 Resp: 96766  
 Ion Ratio Lower Upper  
 196 100  
 198 95.0 75.5 113.3  
 200 30.3 23.9 35.9



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

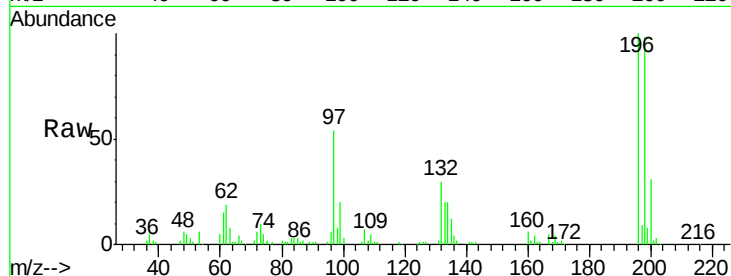




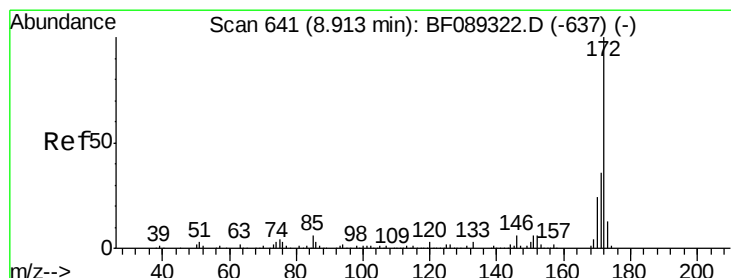
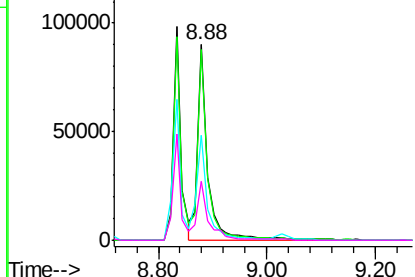
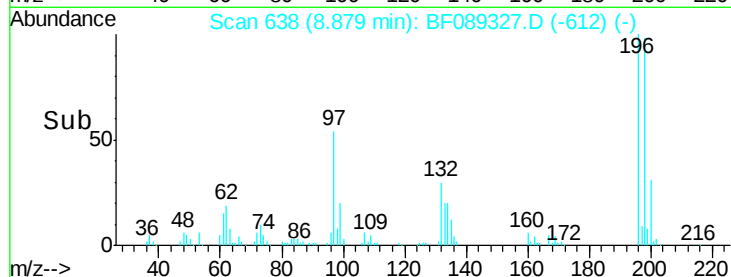
#43  
 2,4,5-Trichlorophenol  
 Concen: 61.92 ng  
 RT: 8.88 min Scan# 638  
 Delta R.T. -0.00 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:196 Resp: 116859  
 Ion Ratio Lower Upper  
 196 100  
 198 97.8 78.7 118.1  
 97 53.7 39.7 59.5  
 132 30.1 22.8 34.2

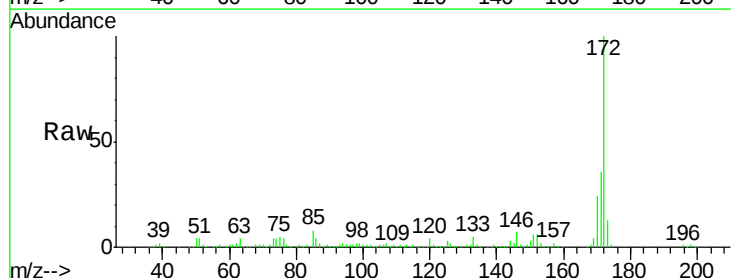


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

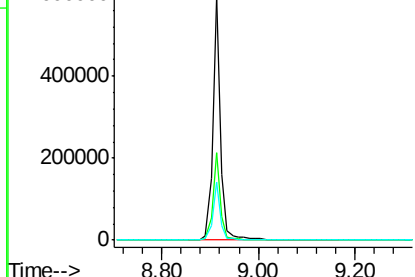
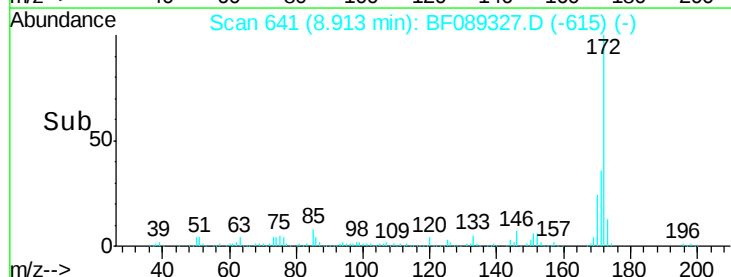


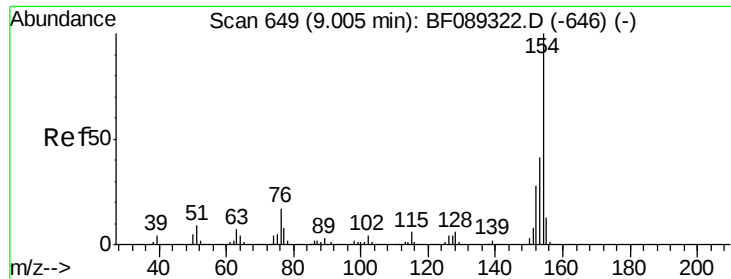
#44  
 2-Fluorobiphenyl  
 Concen: 110.99 ng  
 RT: 8.91 min Scan# 641  
 Delta R.T. -0.00 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

Tgt Ion:172 Resp: 677238  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 29.2 43.8  
 170 23.7 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

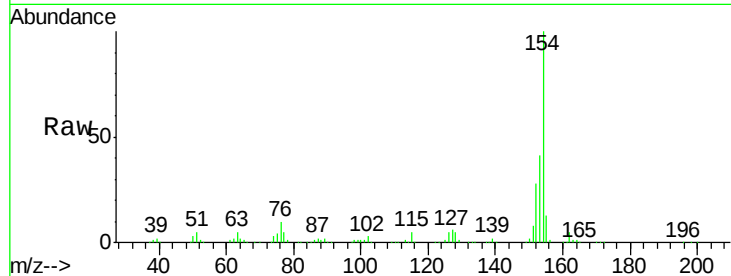




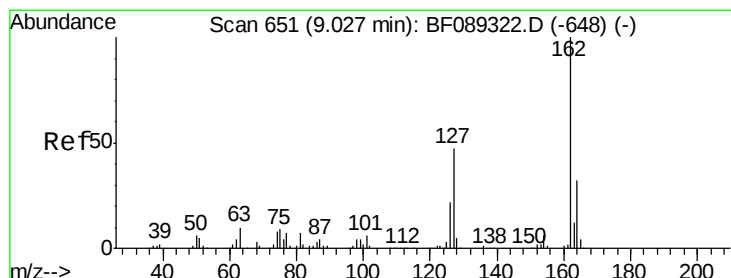
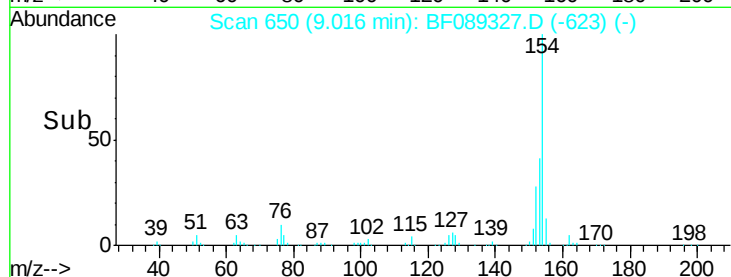
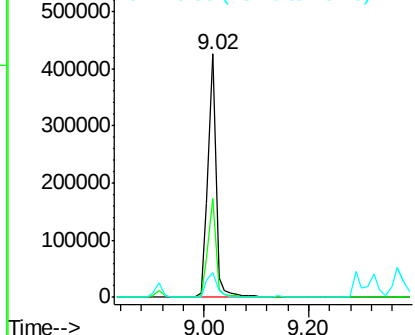
#45  
1,1'-Biphenyl  
Concen: 60.25 ng  
RT: 9.02 min Scan# 650  
Delta R.T. 0.01 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:154 Resp: 459384  
Ion Ratio Lower Upper  
154 100  
153 40.6 21.0 61.0  
76 10.2 0.0 36.6

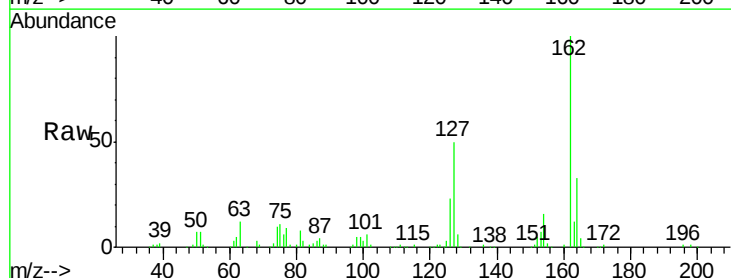


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF0

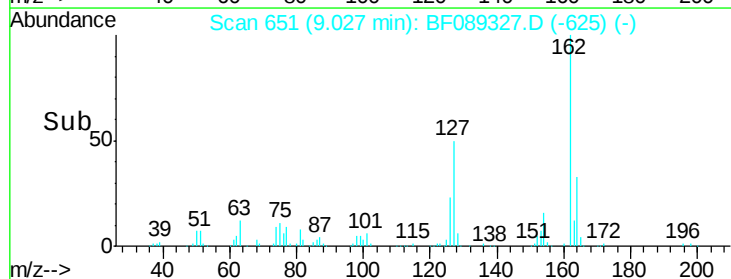
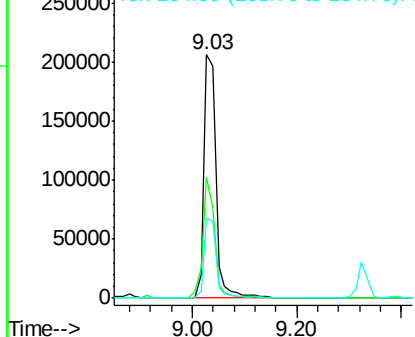


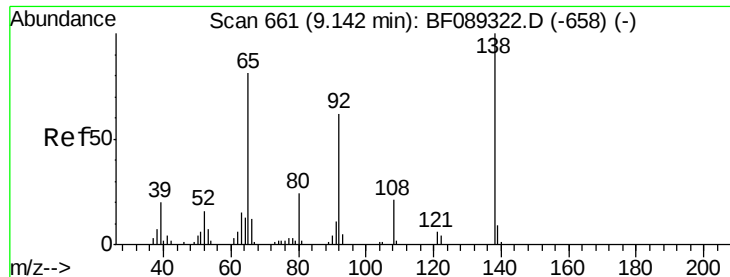
#46  
2-Chloronaphthalene  
Concen: 58.18 ng  
RT: 9.03 min Scan# 651  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Tgt Ion:162 Resp: 333158  
Ion Ratio Lower Upper  
162 100  
127 49.8 37.8 56.8  
164 32.6 25.8 38.8



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

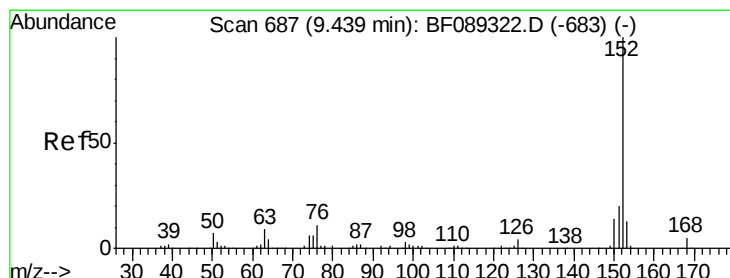
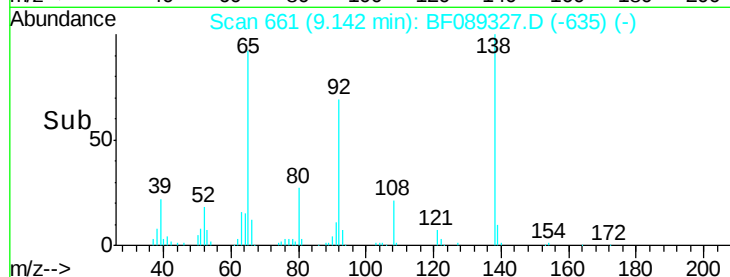
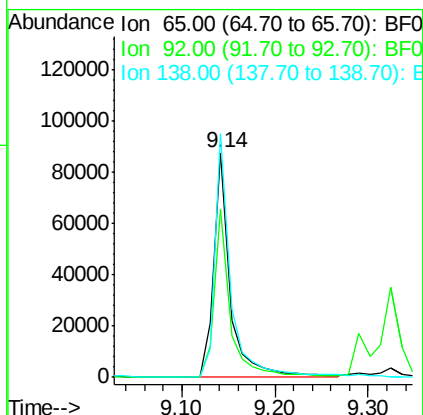
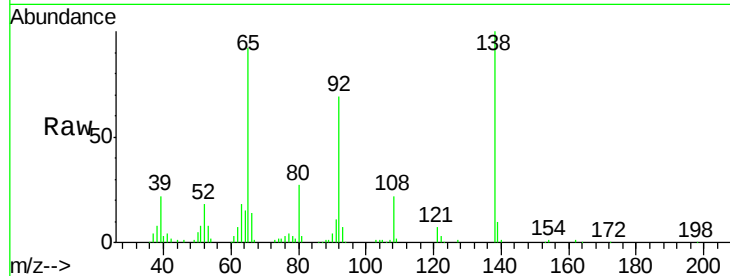




#47  
2-Nitroaniline  
Concen: 64.37 ng  
RT: 9.14 min Scan# 661  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

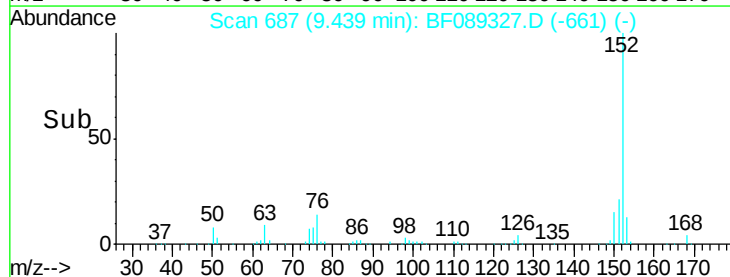
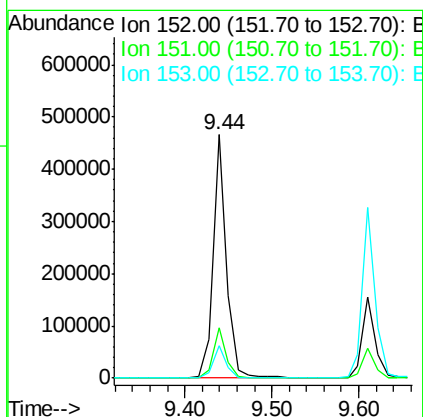
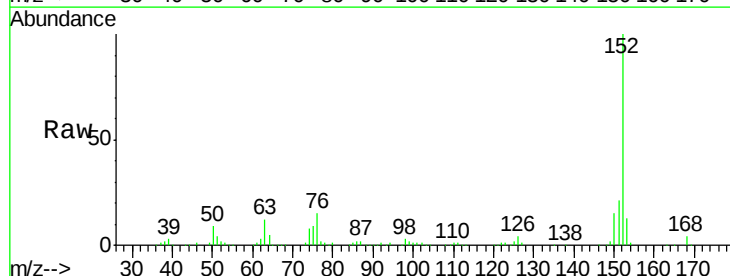
Instrument :  
BNA\_F  
ClientSampleId :

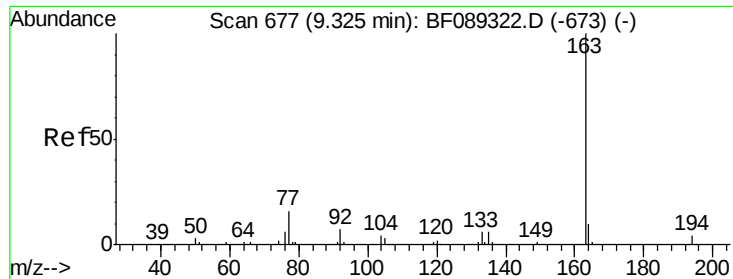
Tot Ion: 65 Resp: 109151  
Ion Ratio Lower Upper  
65 100  
92 75.0 61.0 91.4  
138 108.4 99.1 148.7



#48  
Acenaphthylene  
Concen: 56.14 ng  
RT: 9.44 min Scan# 687  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Tgt Ion: 152 Resp: 506352  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.2 24.2  
153 13.3 10.2 15.4

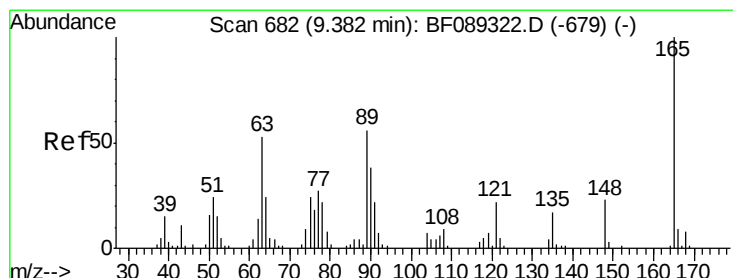
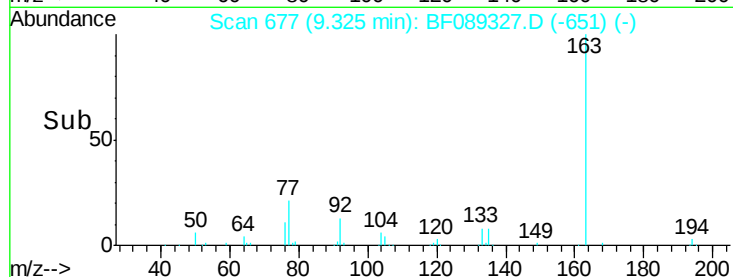
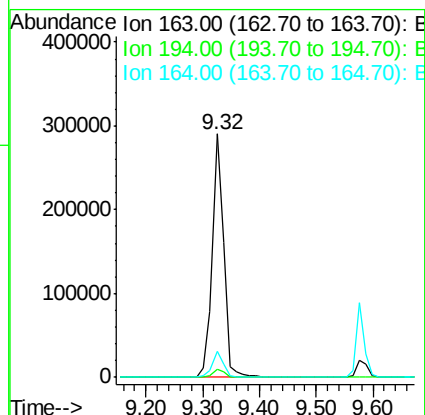
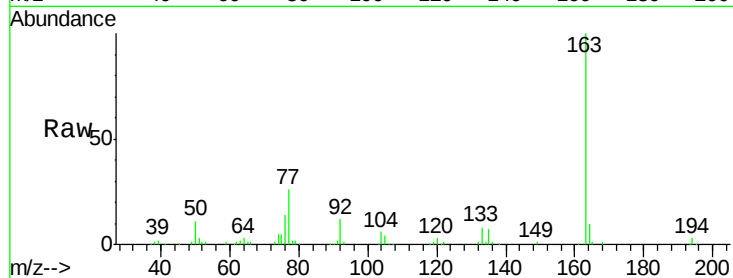




#49  
Dimethylphthalate  
Concen: 57.75 ng  
RT: 9.32 min Scan# 677  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

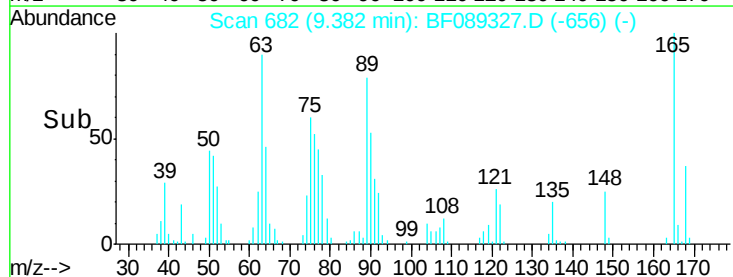
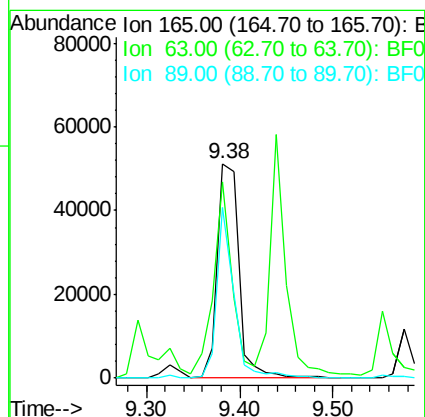
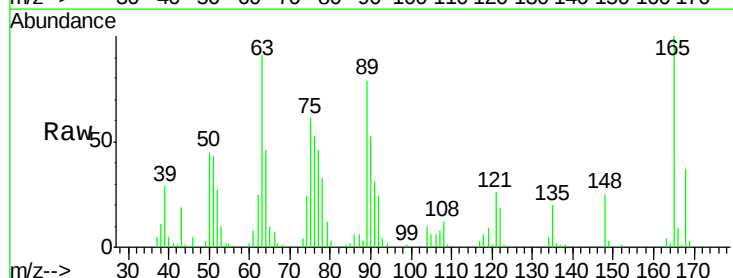
Instrument :  
BNA\_F  
ClientSampleId :

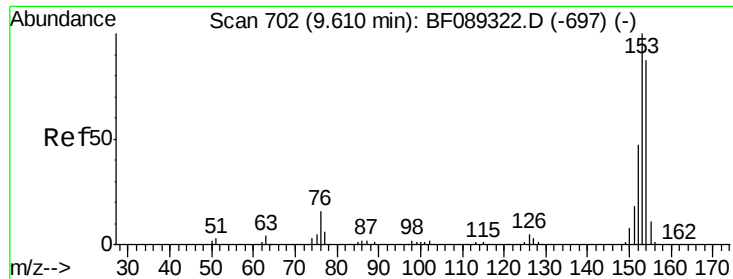
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.1   | 2.8   | 4.2   |
| 164     | 10.4  | 7.8   | 11.8  |



#50  
2,6-Dinitrotoluene  
Concen: 59.00 ng  
RT: 9.38 min Scan# 682  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 91.3  | 43.5  | 65.3# |
| 89      | 79.3  | 45.0  | 67.4# |

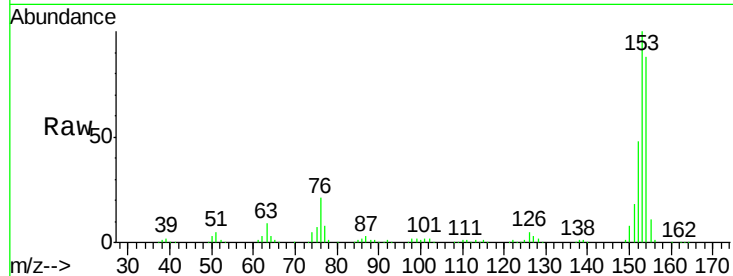




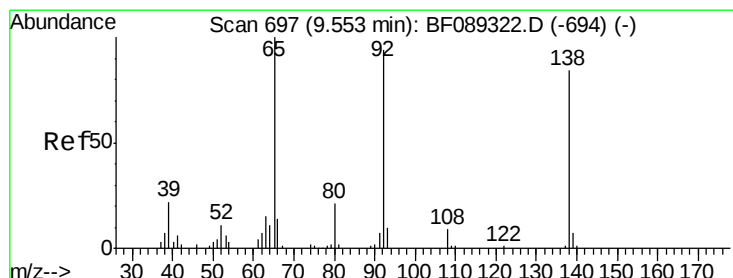
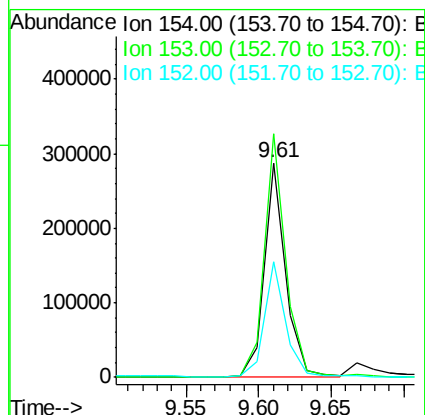
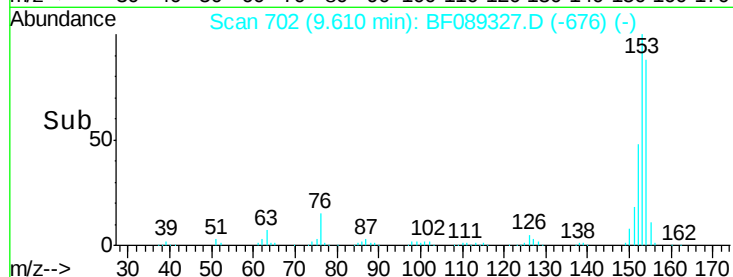
#51  
Acenaphthene  
Concen: 55.74 ng  
RT: 9.61 min Scan# 702  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:154 Resp: 293560  
Ion Ratio Lower Upper  
154 100  
153 113.3 91.4 137.2  
152 54.0 43.8 65.6

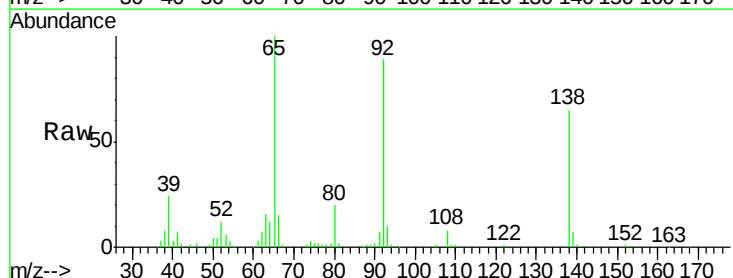


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

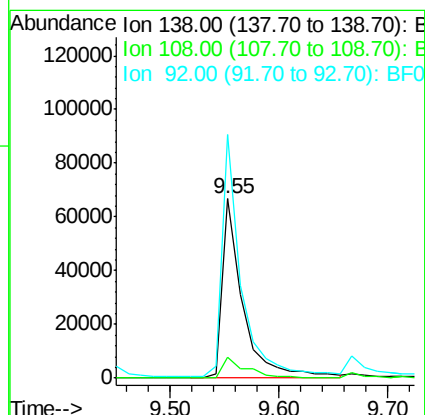
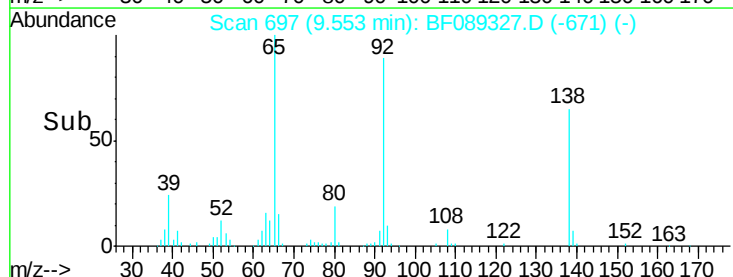


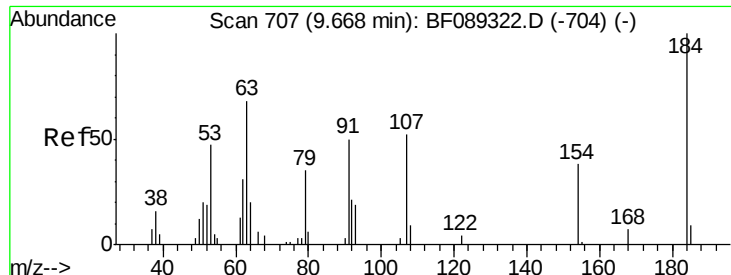
#52  
3-Nitroaniline  
Concen: 60.01 ng  
RT: 9.55 min Scan# 697  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Tgt Ion:138 Resp: 88677  
Ion Ratio Lower Upper  
138 100  
108 12.0 8.6 13.0  
92 136.0 90.0 135.0#



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

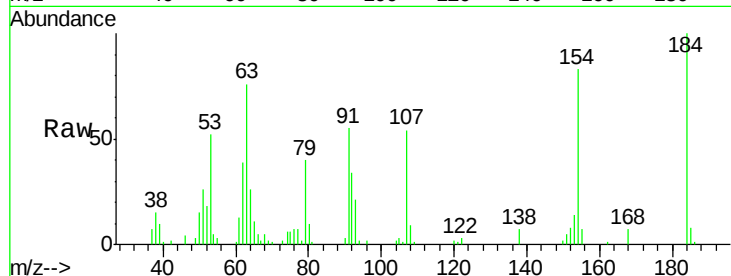




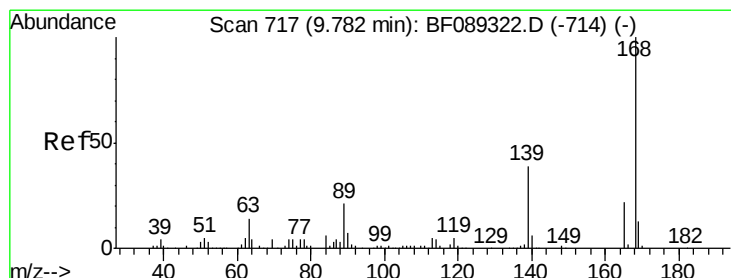
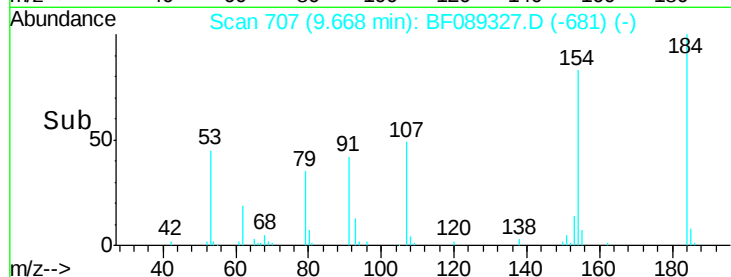
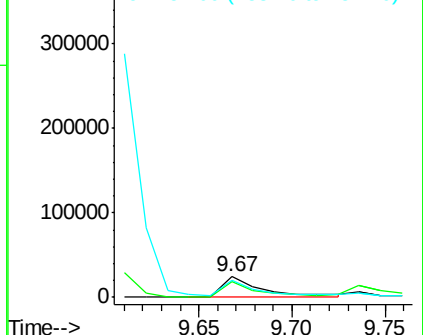
#53  
2,4-Dinitrophenol  
Concen: 78.11 ng  
RT: 9.67 min Scan# 707  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:184 Resp: 36384  
Ion Ratio Lower Upper  
184 100  
63 76.0 60.6 90.8  
154 83.3 69.8 104.8

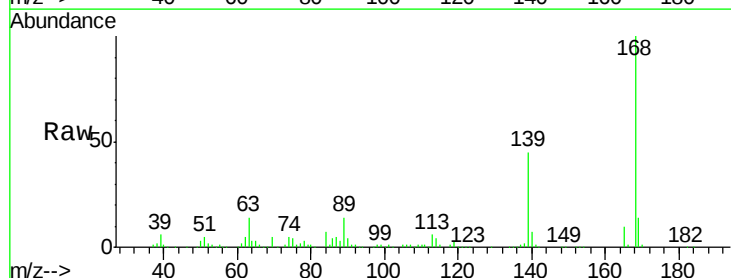


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

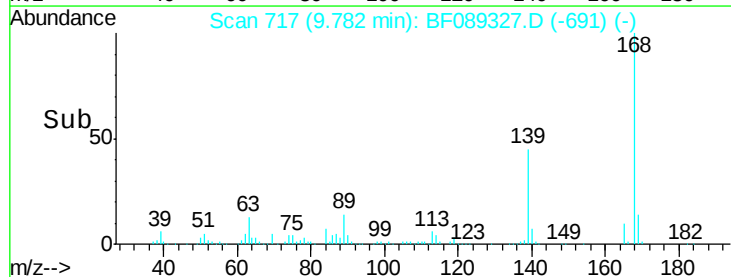
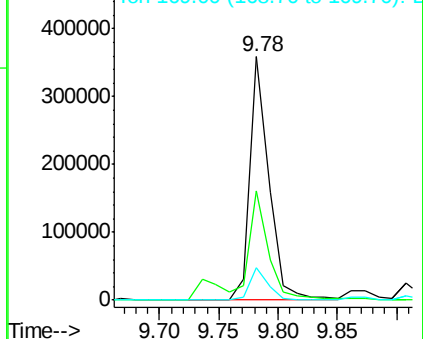


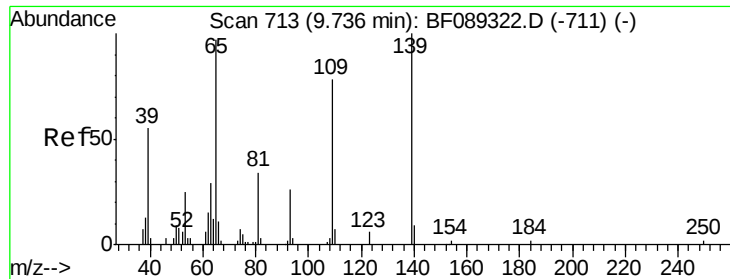
#54  
Dibenzofuran  
Concen: 56.61 ng  
RT: 9.78 min Scan# 717  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Tgt Ion:168 Resp: 406267  
Ion Ratio Lower Upper  
168 100  
139 44.9 33.7 50.5  
169 13.5 10.7 16.1



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

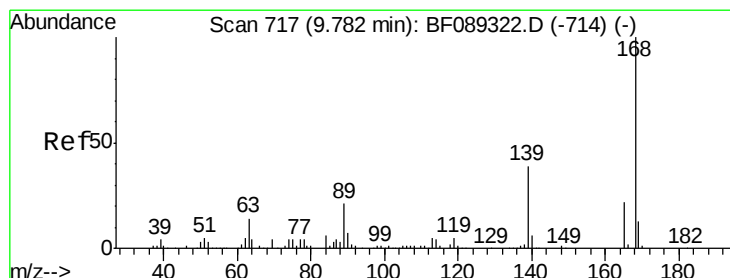
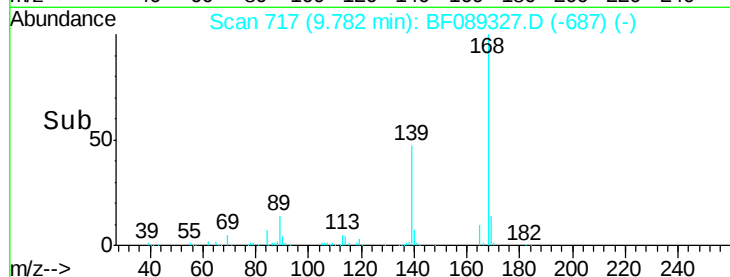
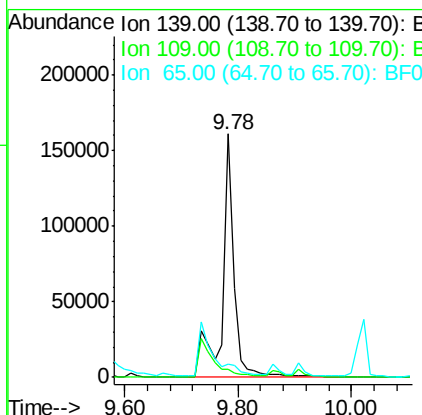
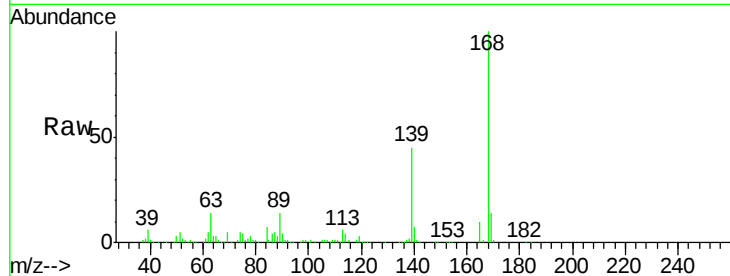




#55  
4-Nitrophenol  
Concen: 242.63 ng  
RT: 9.78 min Scan# 717  
Delta R.T. 0.05 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

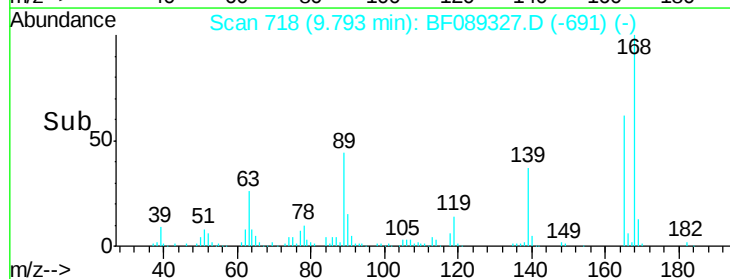
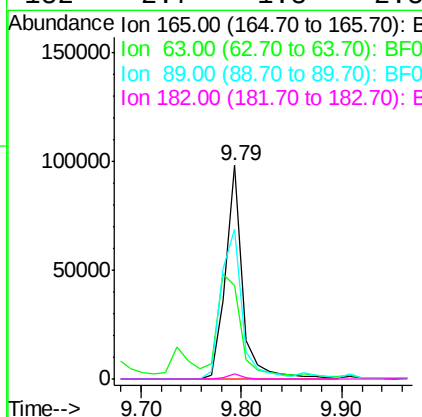
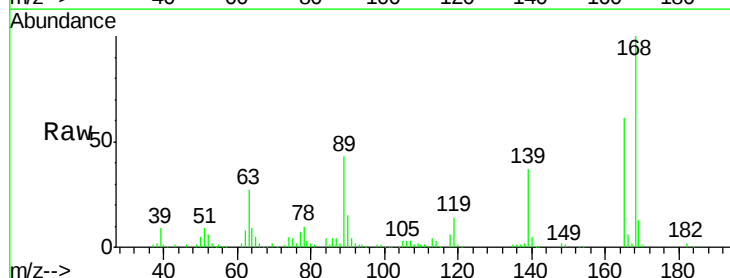
Instrument :  
BNA\_F  
ClientSampleId :

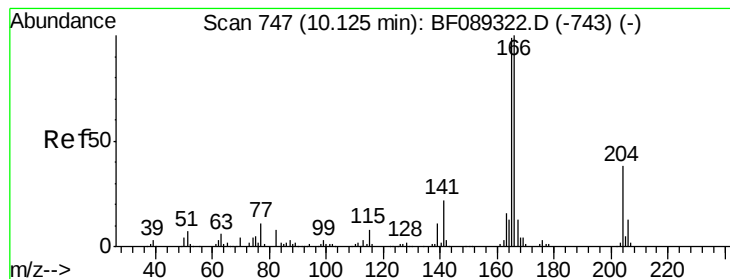
Tot Ion:139 Resp: 235712  
Ion Ratio Lower Upper  
139 100  
109 3.2 57.8 97.8#  
65 5.6 81.7 121.7#



#56  
2,4-Dinitrotoluene  
Concen: 63.93 ng  
RT: 9.79 min Scan# 718  
Delta R.T. 0.01 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Tgt Ion:165 Resp: 117851  
Ion Ratio Lower Upper  
165 100  
63 43.9 58.2 87.2#  
89 70.3 79.1 118.7#  
182 2.7 1.8 2.8





#57

Fluorene

Concen: 57.12 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Instrument :

BNA\_F

ClientSampleId :

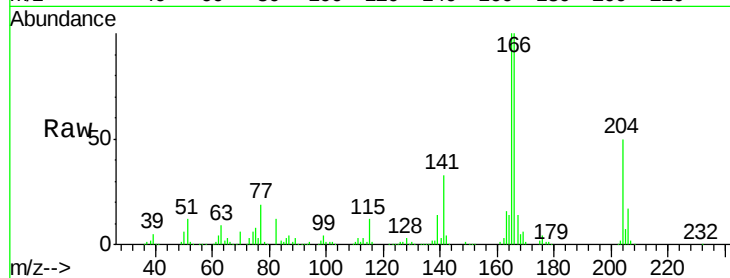
Tot Ion:166 Resp: 357884

Ion Ratio Lower Upper

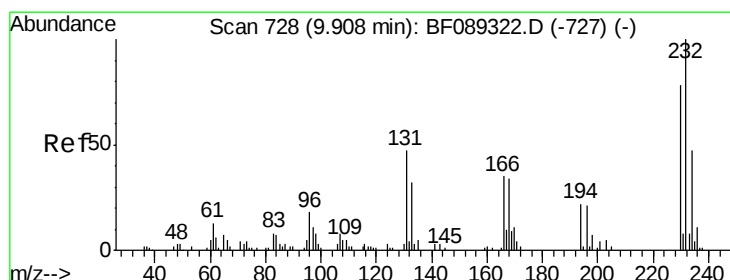
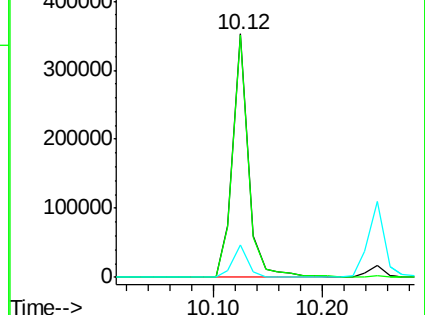
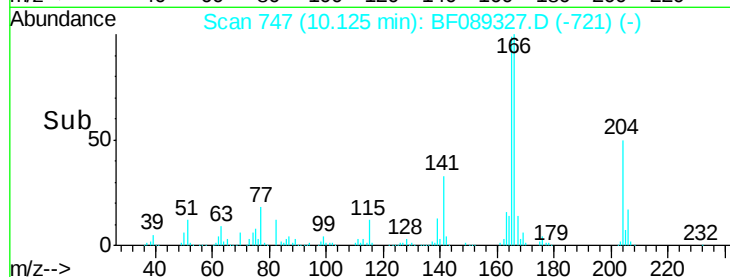
166 100

165 99.7 79.0 118.4

167 13.5 10.2 15.2



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.80 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Tgt Ion:232 Resp: 76608

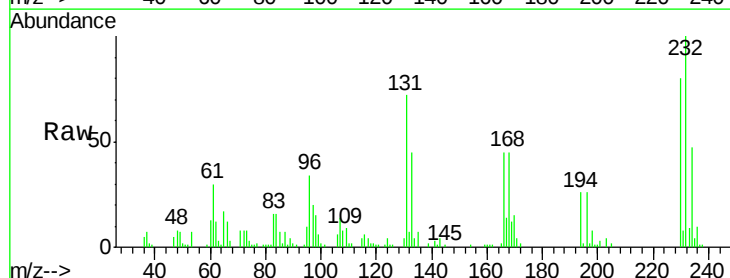
Ion Ratio Lower Upper

232 100

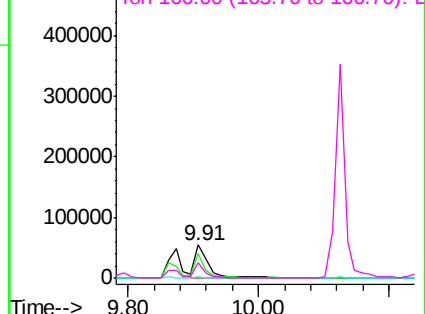
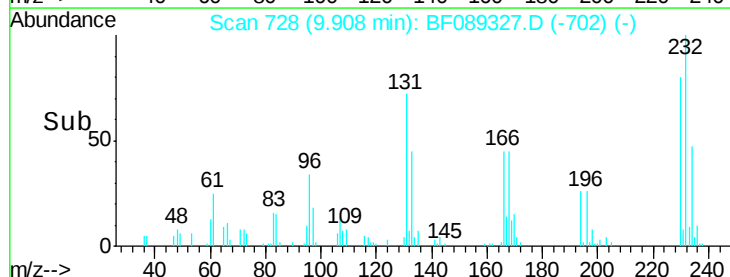
131 56.7 42.7 64.1

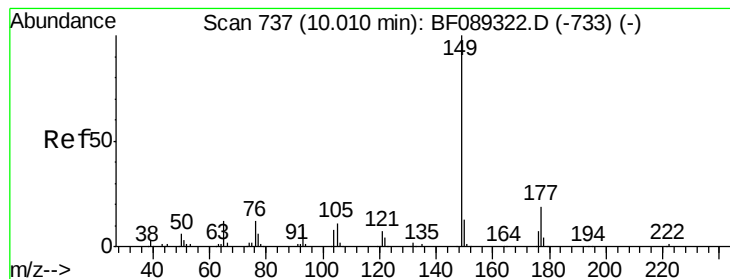
130 2.5 1.7 2.5#

166 34.3 25.7 38.5



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: 63.10 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Instrument :

BNA\_F

ClientSampled :

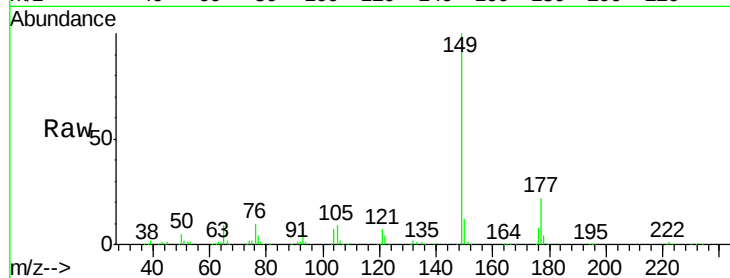
Tot Ion:149 Resp: 435969

Ion Ratio Lower Upper

149 100

177 21.5 15.1 22.7

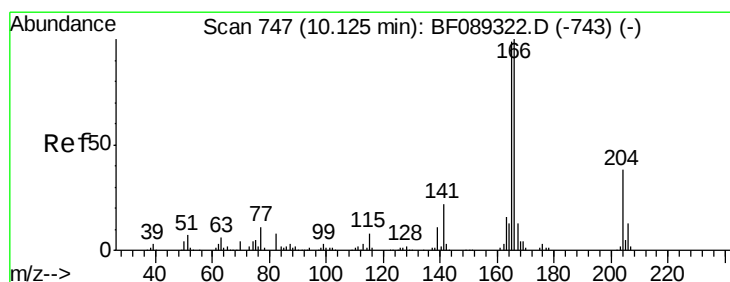
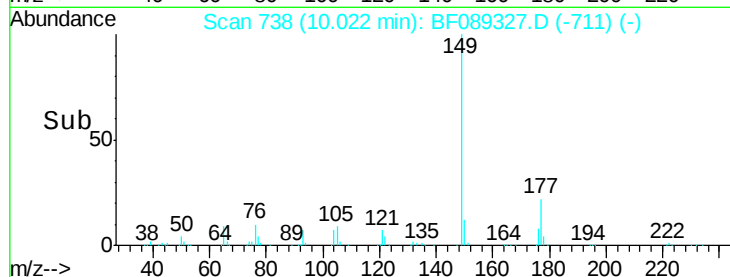
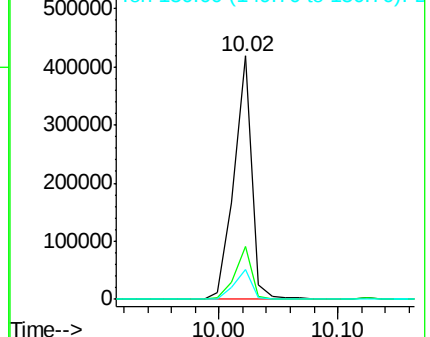
150 12.4 10.2 15.4



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: 60.84 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

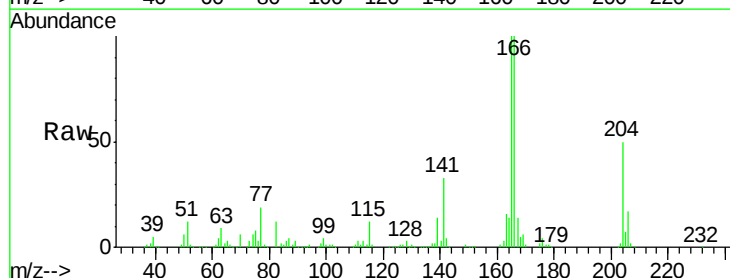
Tgt Ion:204 Resp: 174840

Ion Ratio Lower Upper

204 100

206 32.8 26.6 39.8

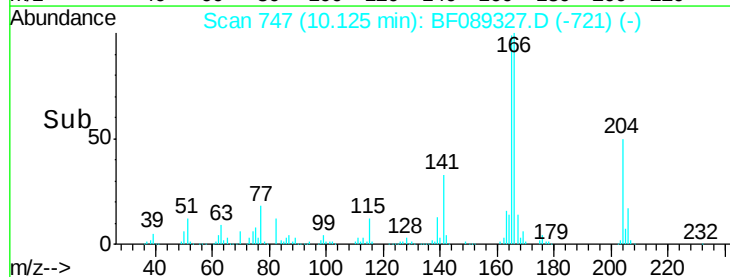
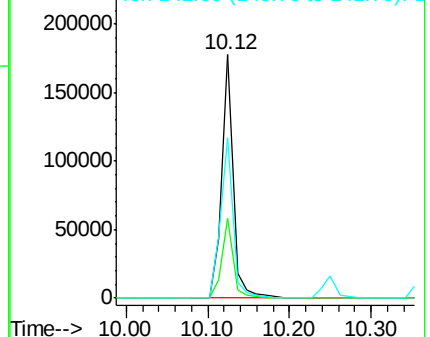
141 65.9 46.6 70.0

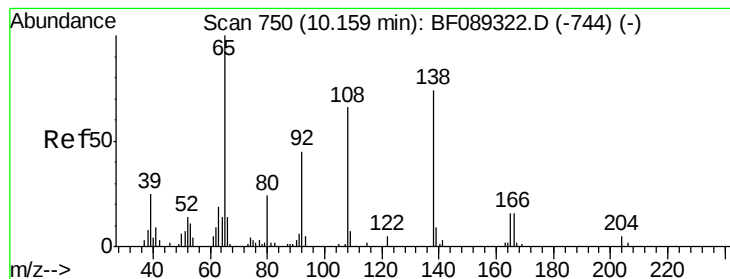


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

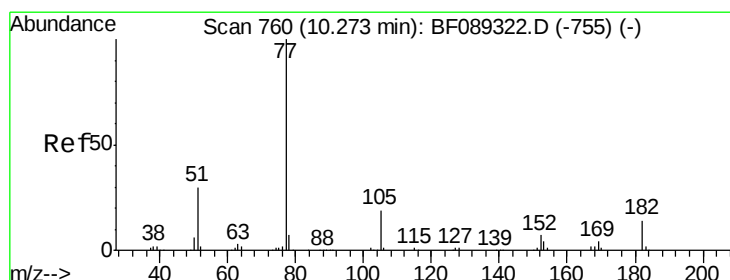
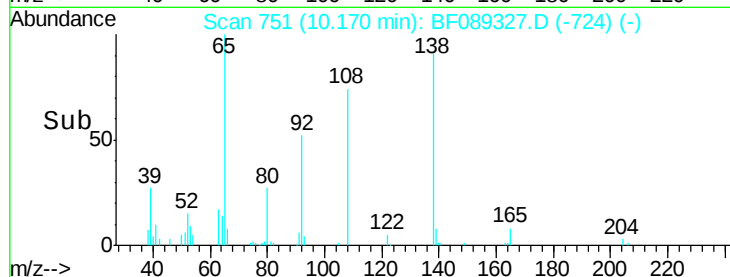
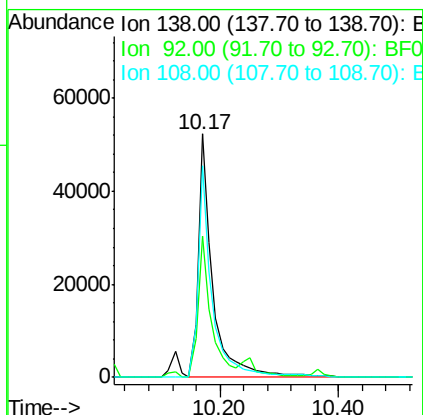
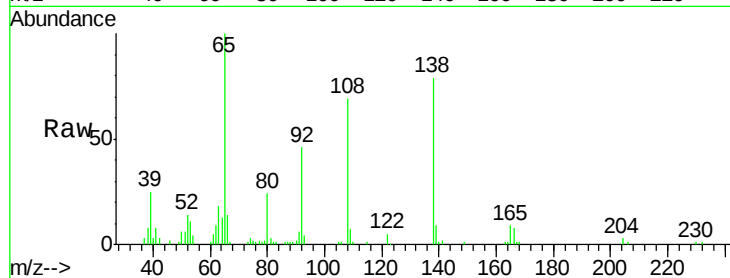




#61  
4-Nitroaniline  
Concen: 59.49 ng  
RT: 10.17 min Scan# 751  
Delta R.T. 0.01 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

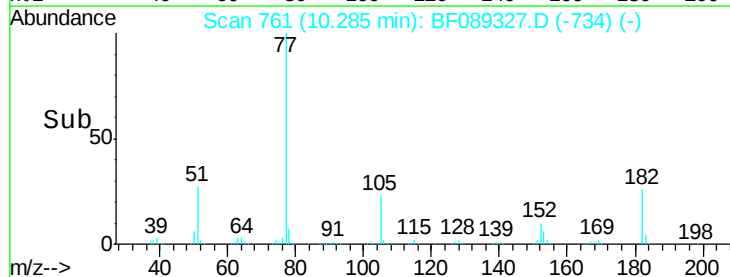
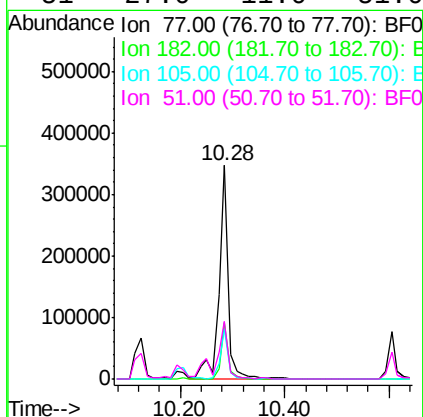
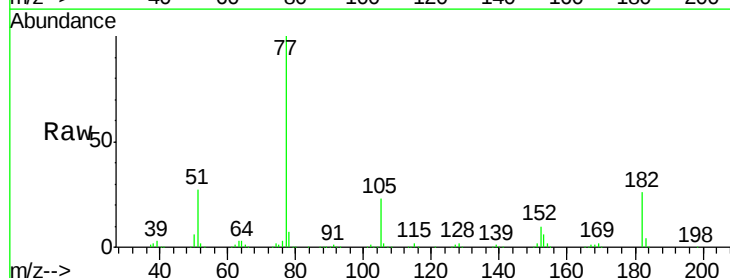
Instrument :  
BNA\_F  
ClientSampleId :

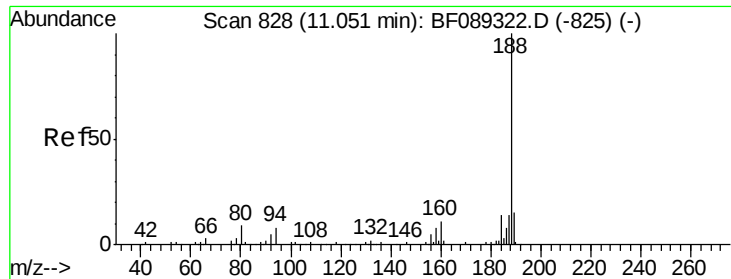
Tot Ion:138 Resp: 90621  
Ion Ratio Lower Upper  
138 100  
92 58.1 41.2 81.2  
108 86.7 69.6 109.6



#62  
Azobenzene  
Concen: 59.98 ng  
RT: 10.28 min Scan# 761  
Delta R.T. 0.01 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Tgt Ion: 77 Resp: 426788  
Ion Ratio Lower Upper  
77 100  
182 26.2 0.0 33.8  
105 23.1 0.0 39.8  
51 27.0 11.0 51.0

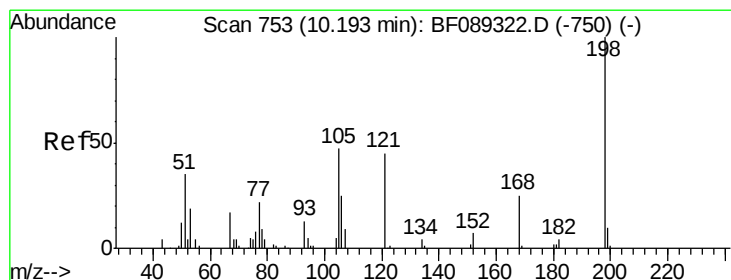
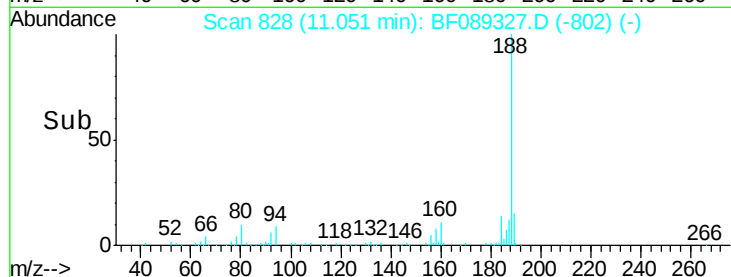
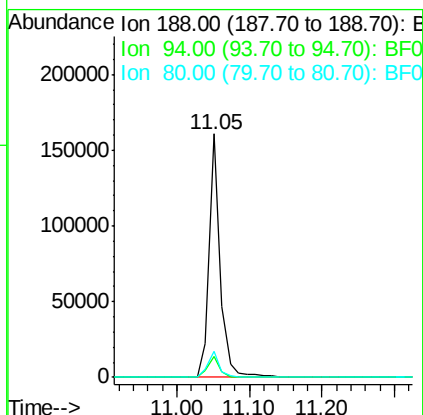
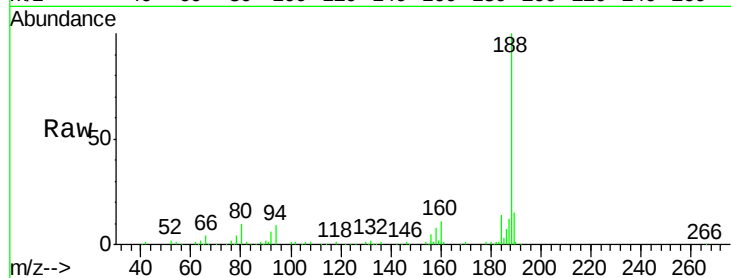




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.05 min Scan# 828  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

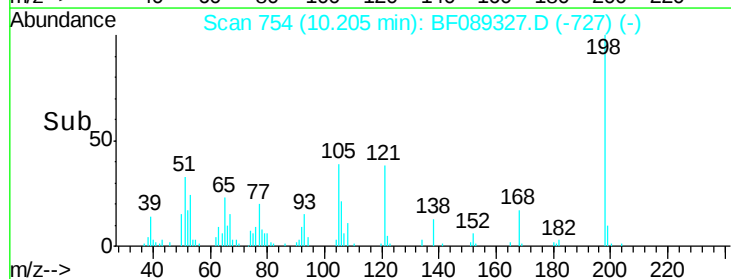
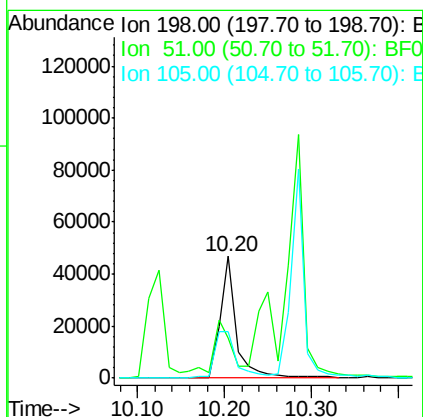
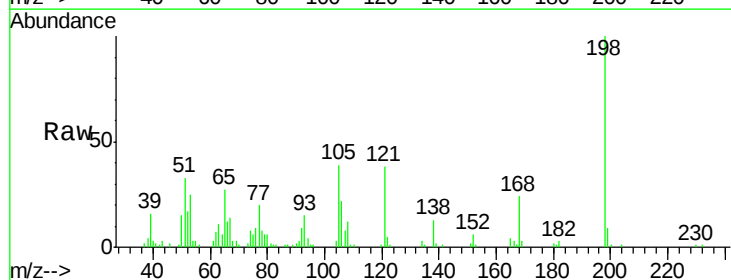
Instrument :  
BNA\_F  
ClientSampleId :

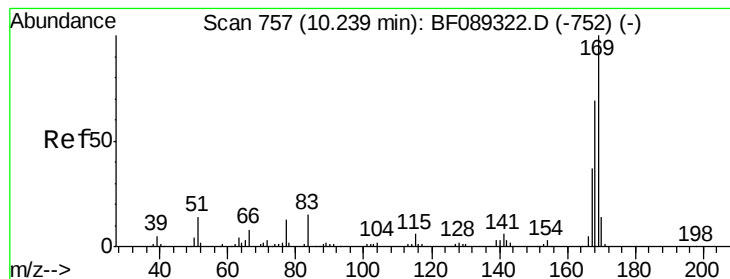
Tot Ion:188 Resp: 171797  
Ion Ratio Lower Upper  
188 100  
94 8.6 6.5 9.7  
80 10.4 7.2 10.8



#64  
4,6-Dinitro-2-methylphenol  
Concen: 64.15 ng  
RT: 10.20 min Scan# 754  
Delta R.T. 0.01 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Tgt Ion:198 Resp: 62007  
Ion Ratio Lower Upper  
198 100  
51 33.0 23.0 63.0  
105 38.5 28.3 68.3





#65

n-Nitrosodiphenylamine

Concen: 61.09 ng

RT: 10.25 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Instrument :

BNA\_F

ClientSampleId :

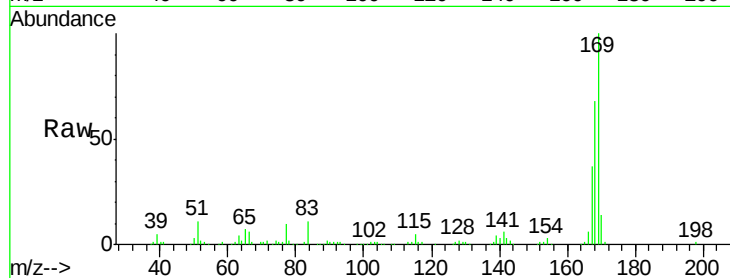
Tot Ion:169 Resp: 327481

Ion Ratio Lower Upper

169 100

168 68.4 55.4 83.0

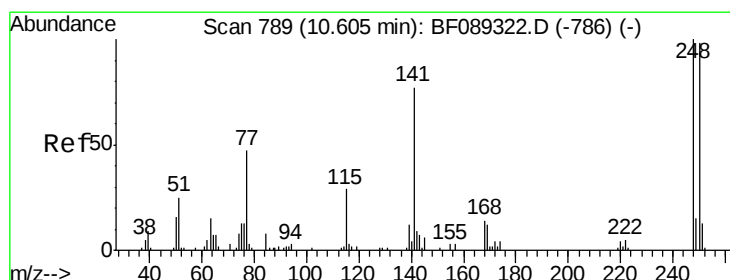
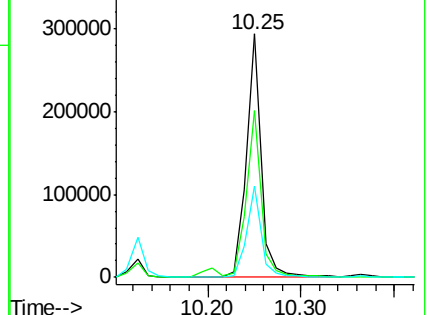
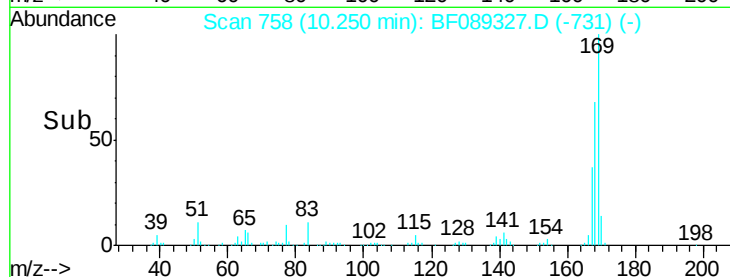
167 37.4 29.7 44.5



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: 59.66 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

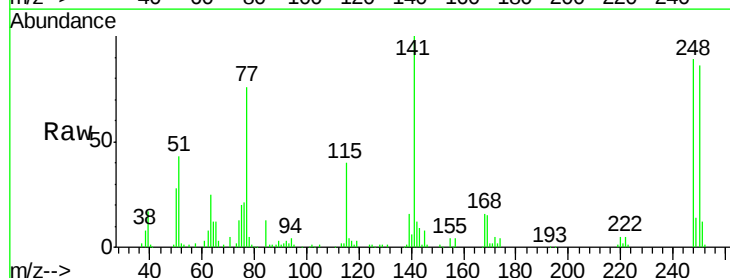
Tgt Ion:248 Resp: 97852

Ion Ratio Lower Upper

248 100

250 95.8 78.2 117.2

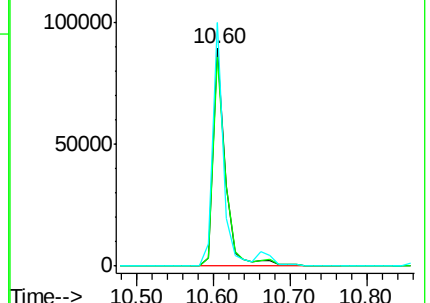
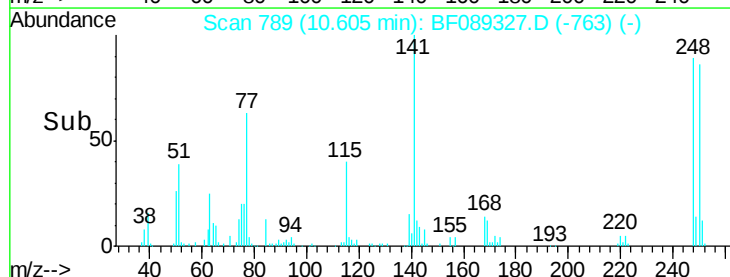
141 111.8 62.0 93.0#

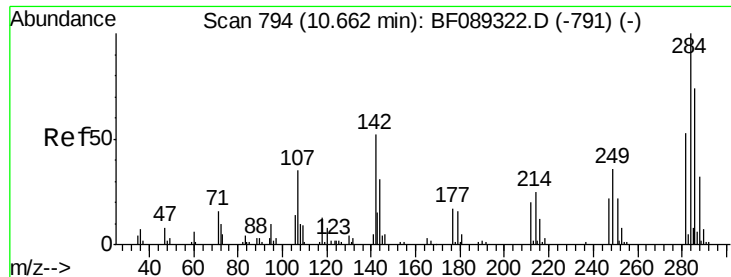


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

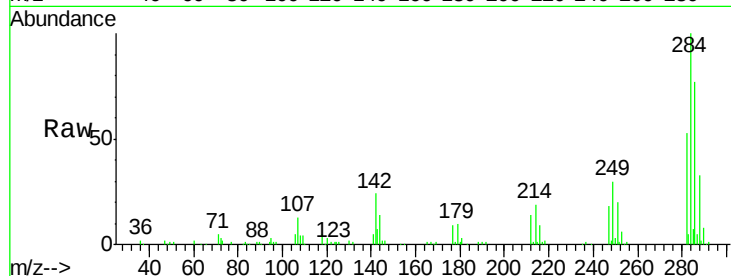




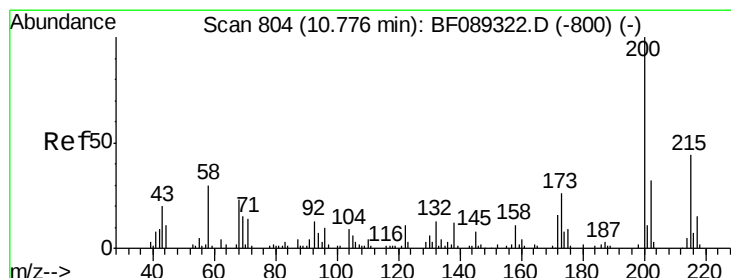
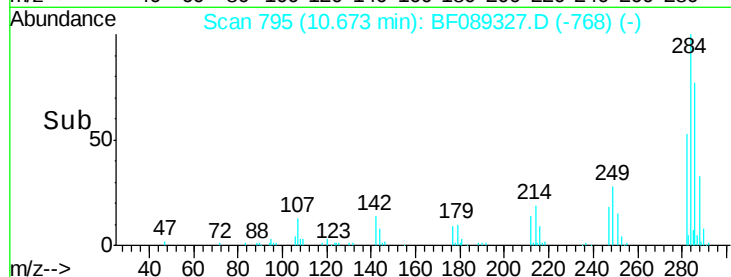
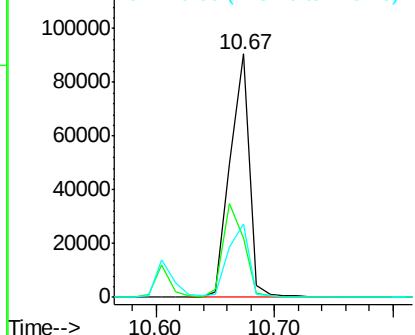
#67  
Hexachlorobenzene  
Concen: 60.91 ng  
RT: 10.67 min Scan# 795  
Delta R.T. 0.01 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 24.4  | 42.2  | 63.4  |
| 249     | 30.3  | 29.4  | 44.0  |

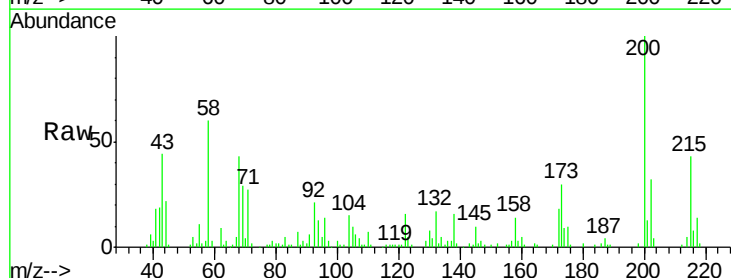


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

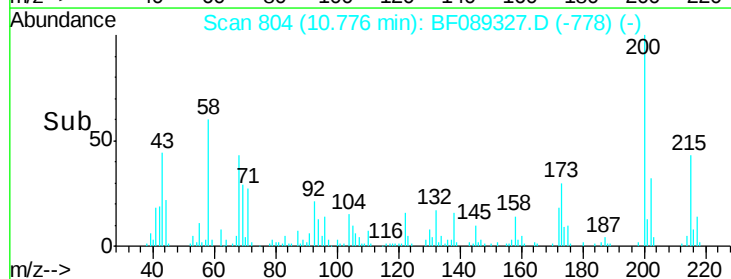
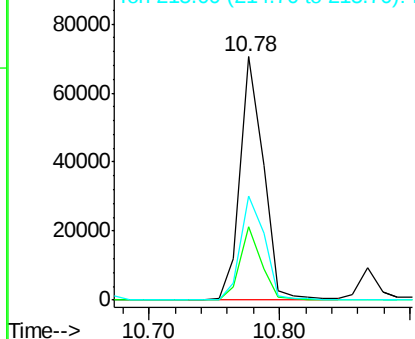


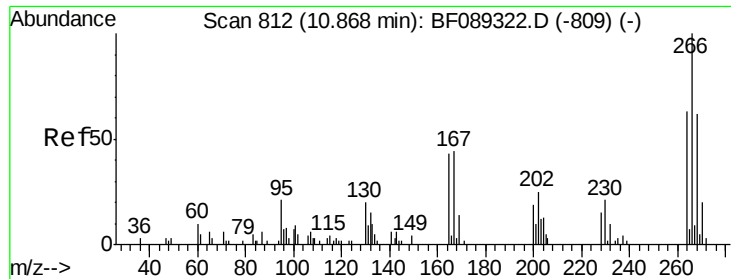
#68  
Atrazine  
Concen: 53.23 ng  
RT: 10.78 min Scan# 804  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 30.2  | 6.0   | 46.0  |
| 215     | 43.0  | 24.3  | 64.3  |



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

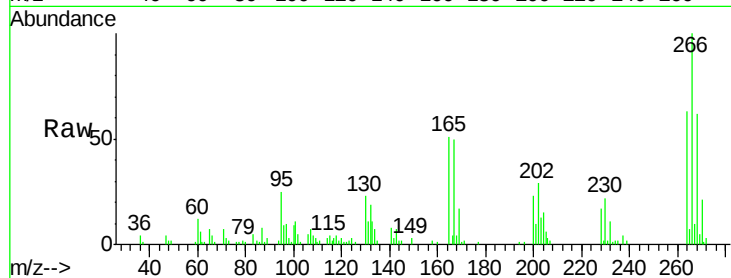




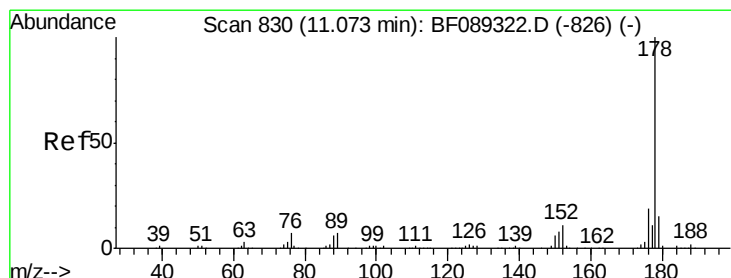
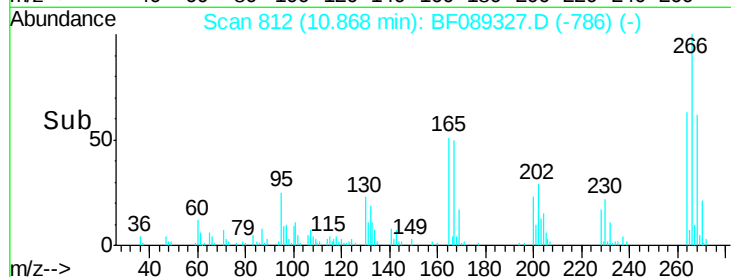
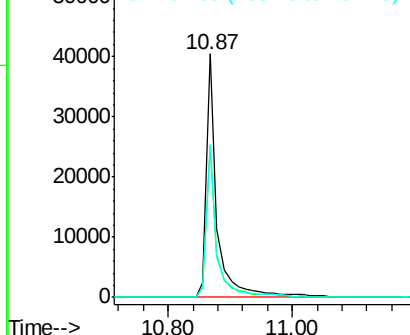
#69  
 Pentachlorophenol  
 Concen: 69.44 ng  
 RT: 10.87 min Scan# 812  
 Delta R.T. 0.00 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:266 Resp: 48626  
 Ion Ratio Lower Upper  
 266 100  
 268 62.1 49.4 74.2  
 264 62.7 50.2 75.2

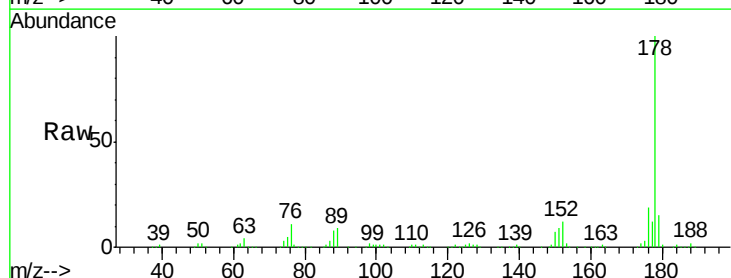


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

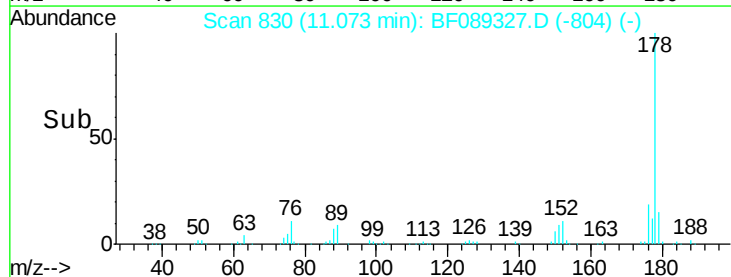
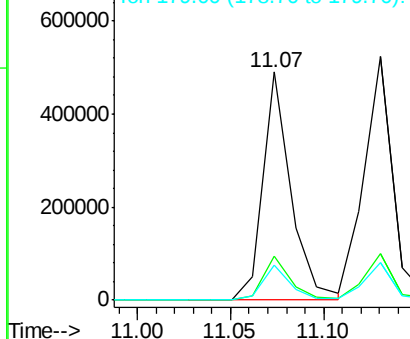


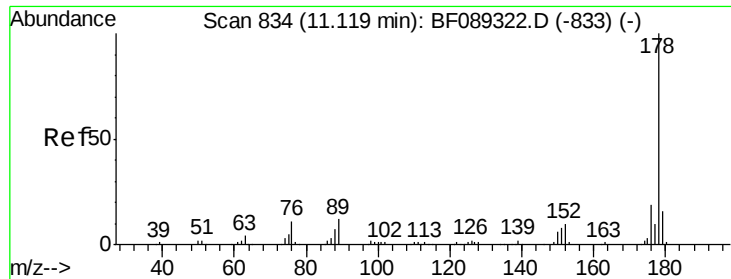
#70  
 Phenanthrene  
 Concen: 57.40 ng  
 RT: 11.07 min Scan# 830  
 Delta R.T. -0.00 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

Tgt Ion:178 Resp: 508585  
 Ion Ratio Lower Upper  
 178 100  
 176 19.4 15.5 23.3  
 179 15.5 12.3 18.5



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

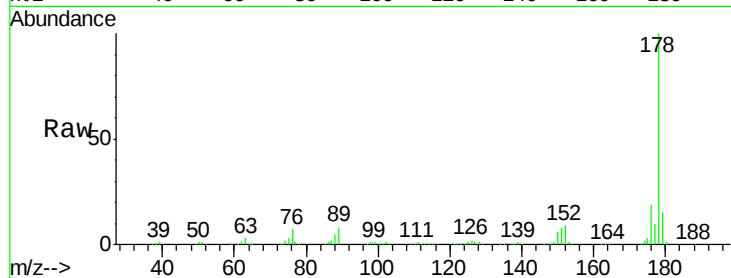




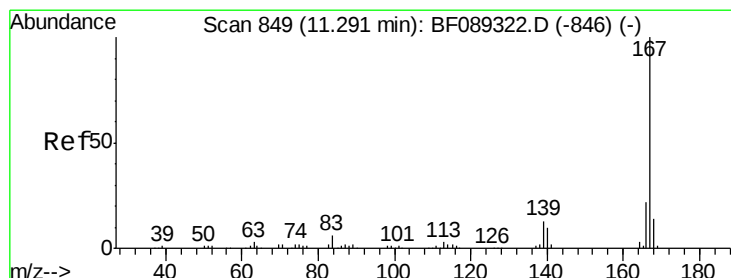
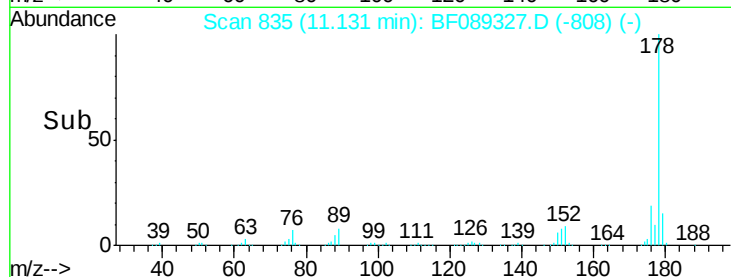
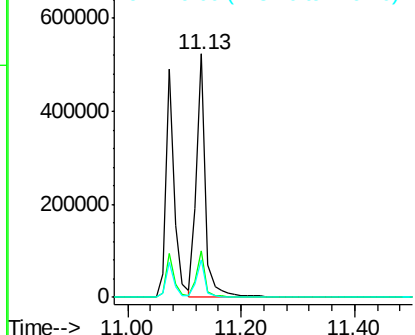
#71  
 Anthracene  
 Concen: 59.61 ng  
 RT: 11.13 min Scan# 835  
 Delta R.T. 0.01 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:178 Resp: 587253  
 Ion Ratio Lower Upper  
 178 100  
 176 18.9 14.8 22.2  
 179 15.5 12.6 18.8

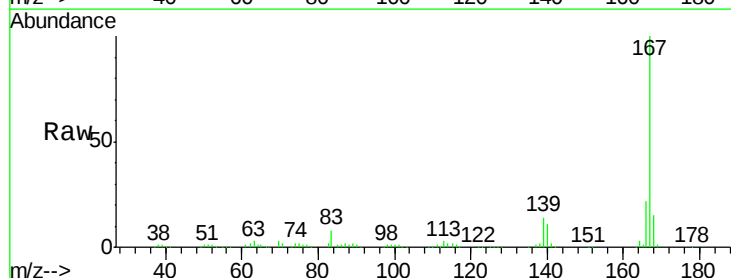


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

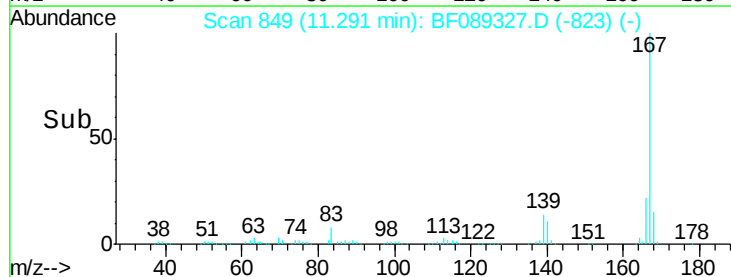
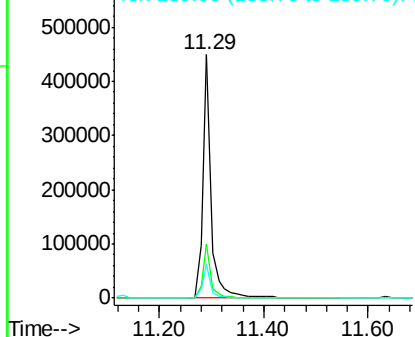


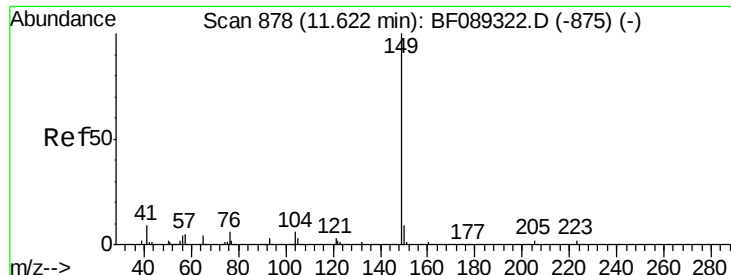
#72  
 Carbazole  
 Concen: 60.44 ng  
 RT: 11.29 min Scan# 849  
 Delta R.T. -0.00 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

Tgt Ion:167 Resp: 501168  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 17.6 26.4  
 139 13.8 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 60.92 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Instrument :

BNA\_F

ClientSampleId :

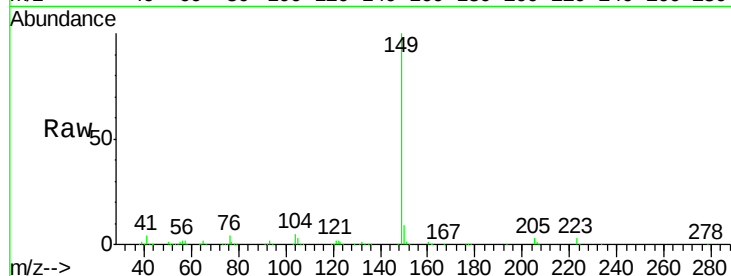
Tot Ion:149 Resp: 677798

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

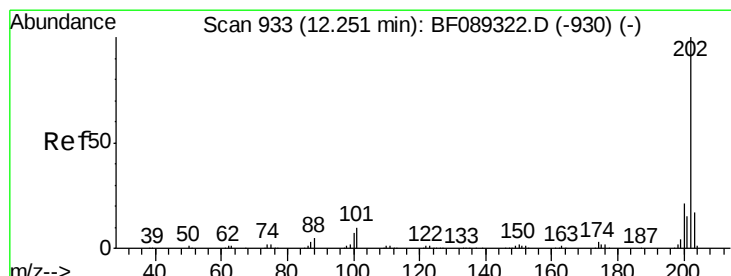
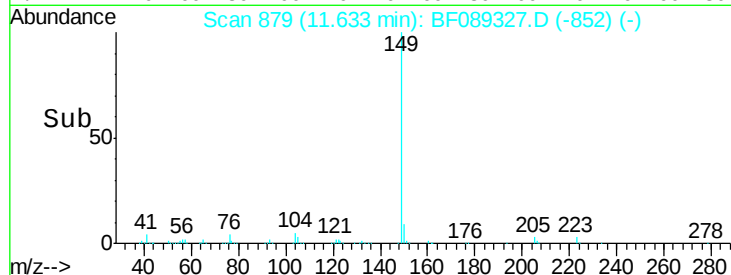
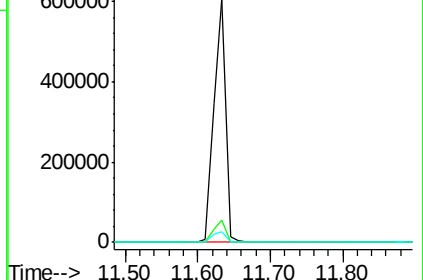
104 4.5 4.7 7.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 56.24 ng

RT: 12.25 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

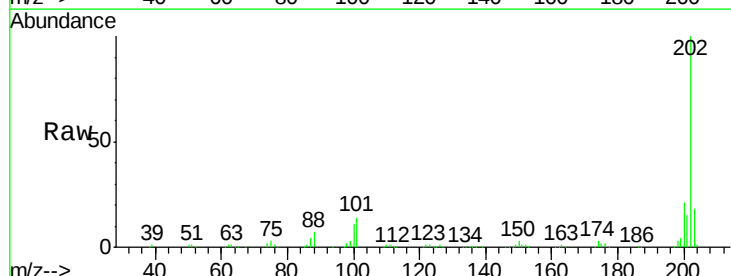
Tgt Ion:202 Resp: 524174

Ion Ratio Lower Upper

202 100

101 13.8 0.0 29.9

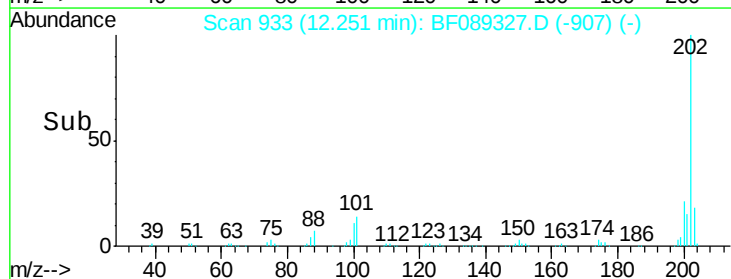
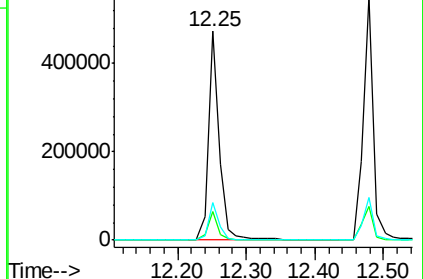
203 17.7 0.0 37.3

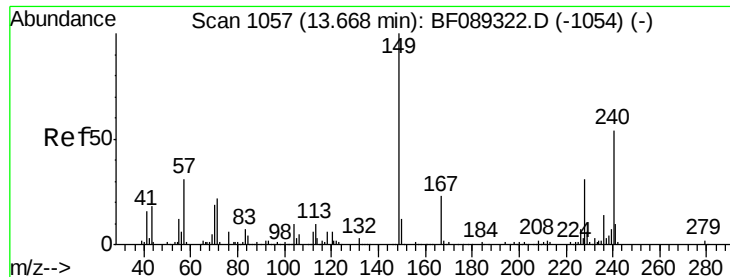


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Instrument :

BNA\_F

ClientSampled :

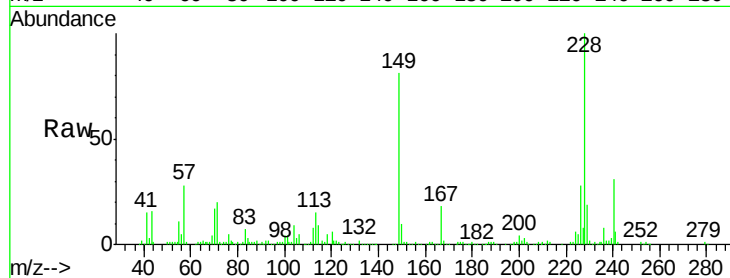
Tot Ion:240 Resp: 113970

Ion Ratio Lower Upper

240 100

120 18.2 9.1 13.7#

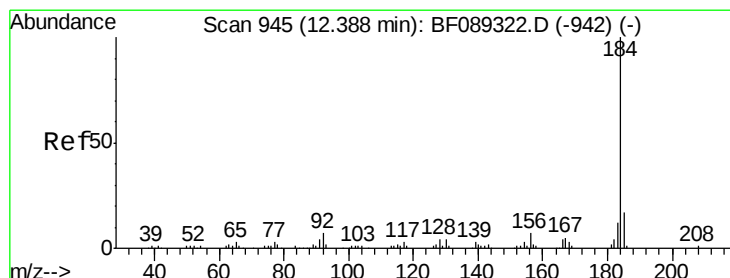
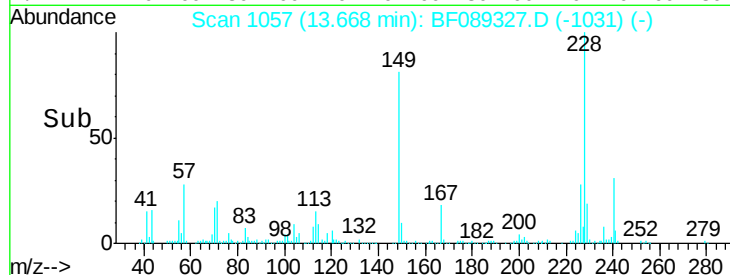
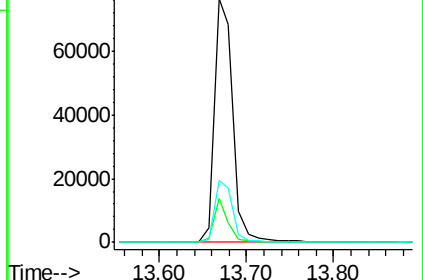
236 25.4 20.6 30.8



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: 63.54 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

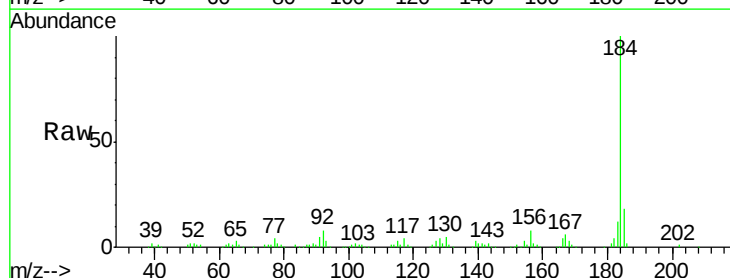
Tgt Ion:184 Resp: 267562

Ion Ratio Lower Upper

184 100

185 18.3 13.5 20.3

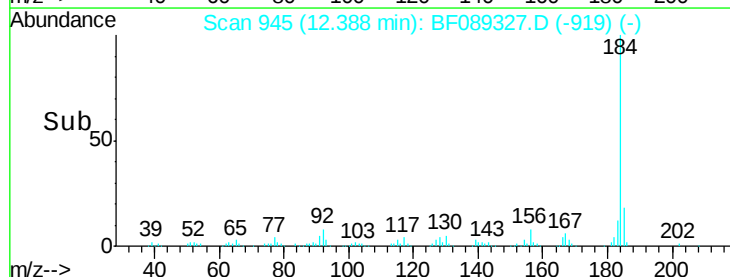
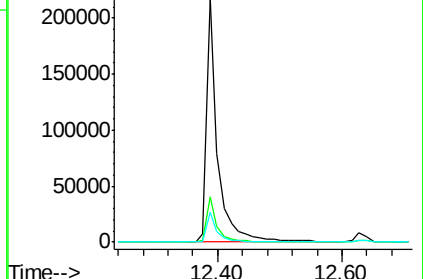
183 12.2 9.8 14.6

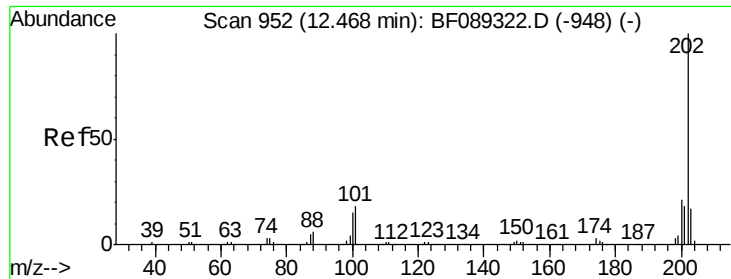


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

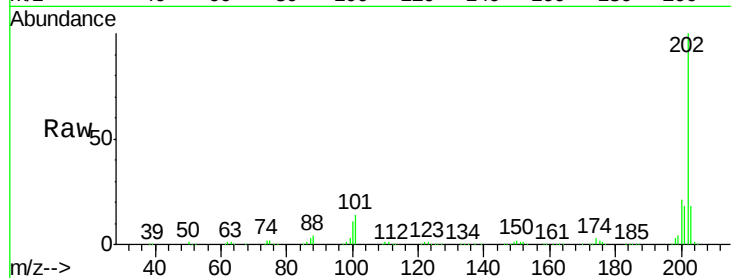




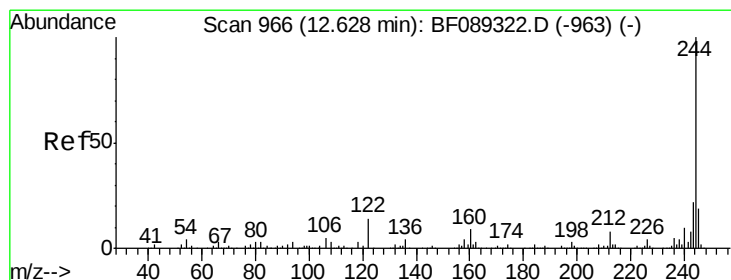
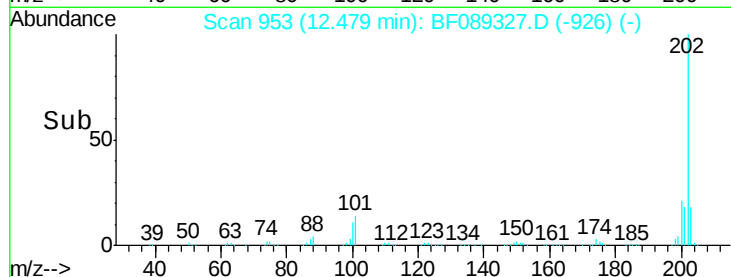
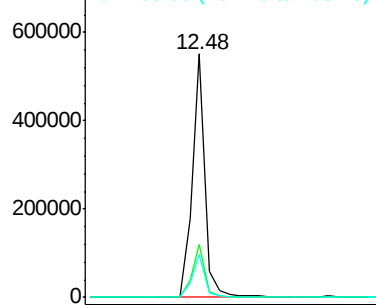
#77  
Pvrene  
Concen: 65.49 ng  
RT: 12.48 min Scan# 953  
Delta R.T. 0.01 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:202 Resp: 565680  
Ion Ratio Lower Upper  
202 100  
200 21.5 16.9 25.3  
203 17.6 14.0 21.0

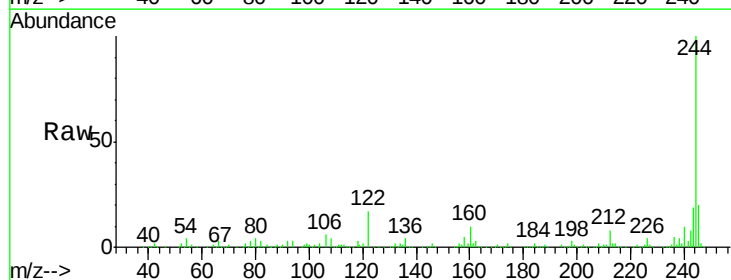


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

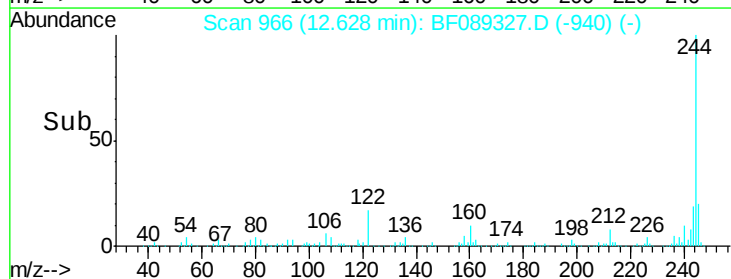
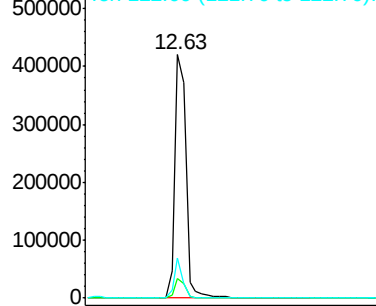


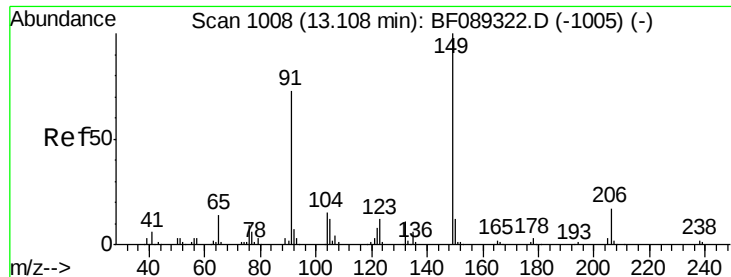
#78  
Terphenyl-d14  
Concen: 127.59 ng  
RT: 12.63 min Scan# 966  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Tgt Ion:244 Resp: 621329  
Ion Ratio Lower Upper  
244 100  
212 8.2 6.5 9.7  
122 16.5 11.4 17.0



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

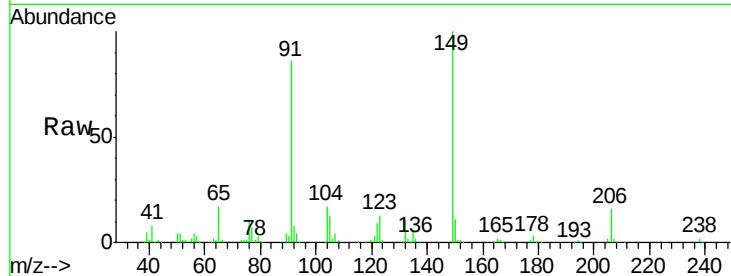




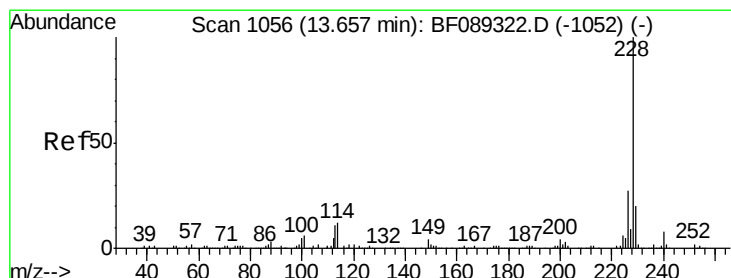
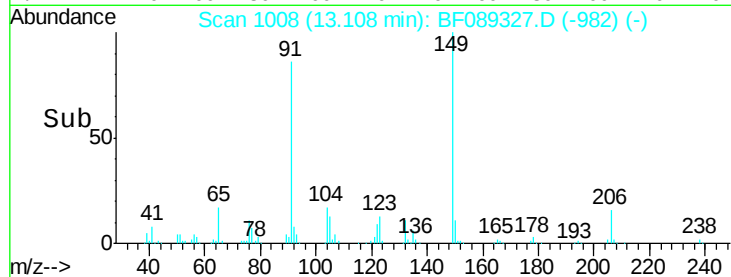
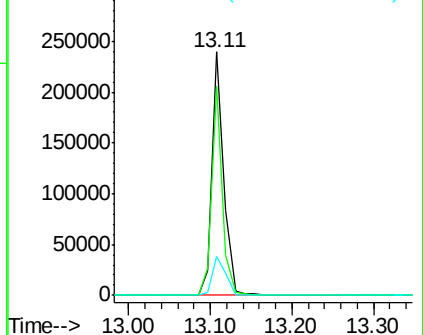
#79  
Butylbenzylphthalate  
Concen: 62.73 ng  
RT: 13.11 min Scan# 1008  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:149 Resp: 246358  
Ion Ratio Lower Upper  
149 100  
91 86.0 58.5 87.7  
206 15.8 13.8 20.8

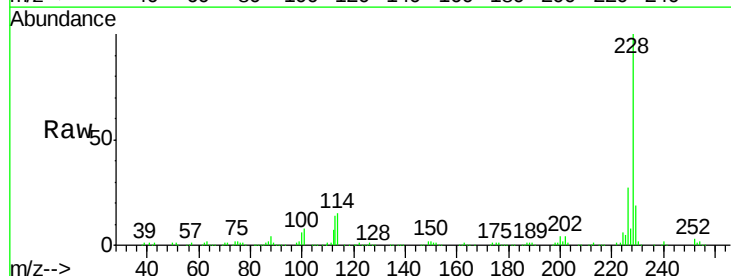


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E

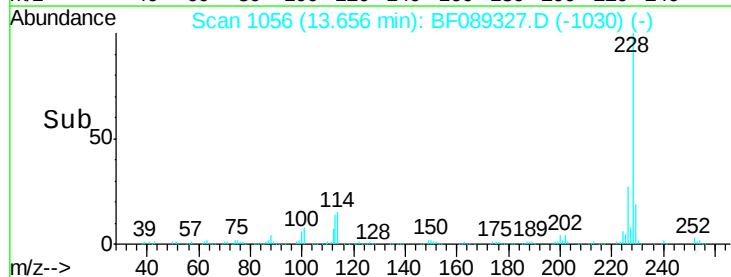
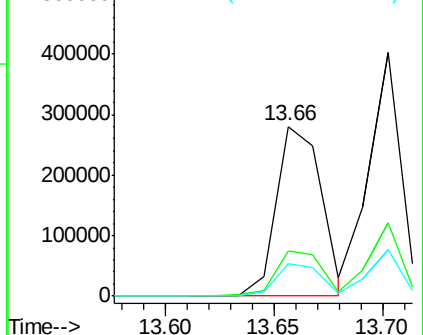


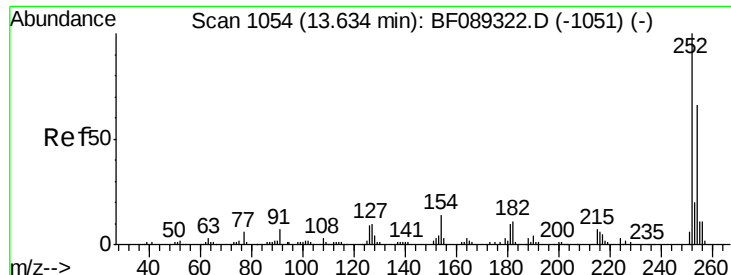
#80  
Benzo(a)anthracene  
Concen: 62.95 ng  
RT: 13.66 min Scan# 1056  
Delta R.T. -0.00 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Tgt Ion:228 Resp: 404851  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.4 32.2  
229 19.3 15.9 23.9



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

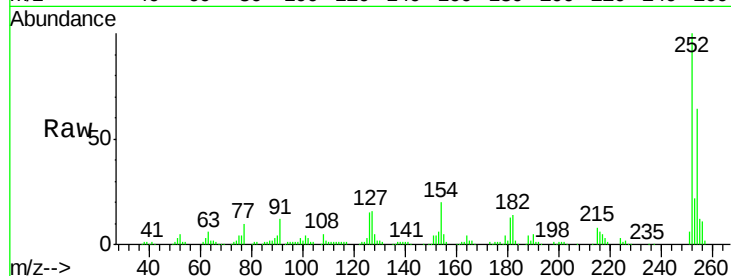




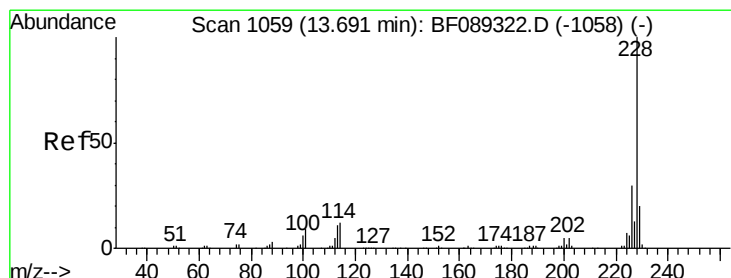
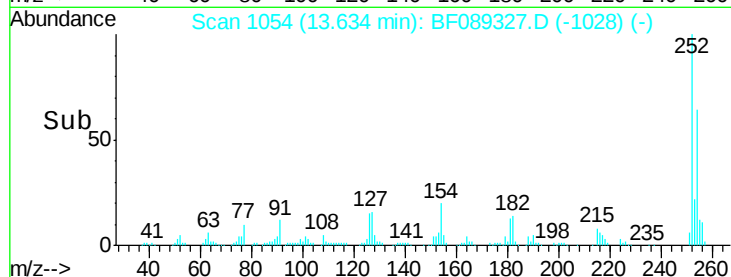
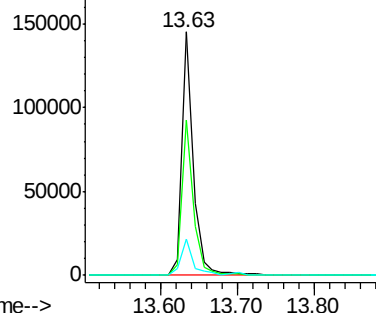
#81  
 3,3'-Dichlorobenzidine  
 Concen: 64.61 ng  
 RT: 13.63 min Scan# 1054  
 Delta R.T. -0.00 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:252 Resp: 149538  
 Ion Ratio Lower Upper  
 252 100  
 254 63.9 52.5 78.7  
 126 15.1 7.4 11.2#

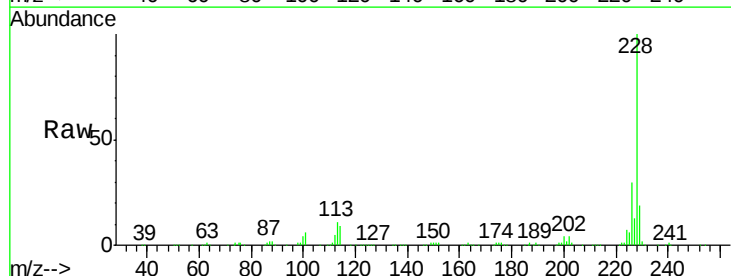


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

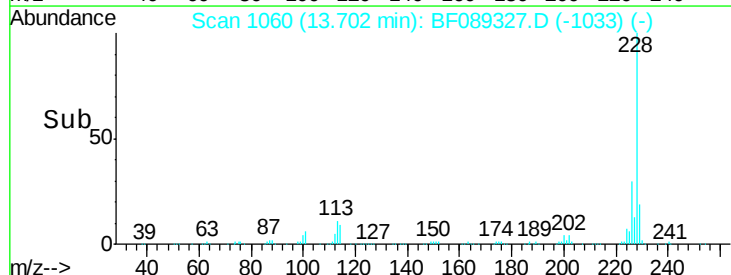
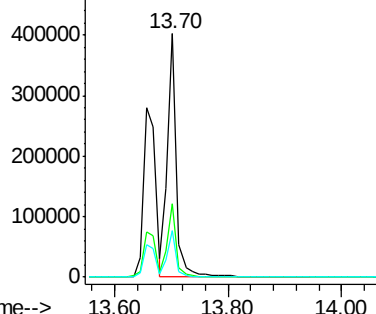


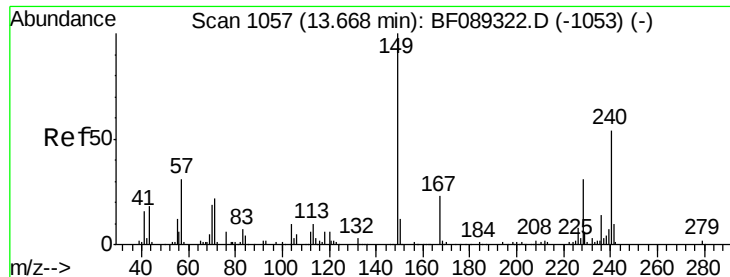
#82  
 Chrysene  
 Concen: 64.97 ng  
 RT: 13.70 min Scan# 1060  
 Delta R.T. 0.01 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

Tgt Ion:228 Resp: 444814  
 Ion Ratio Lower Upper  
 228 100  
 226 30.2 24.2 36.2  
 229 19.2 15.9 23.9



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: 64.95 ng

RT: 13.68 min Scan# 1058

Delta R.T. 0.01 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Instrument :

BNA\_F

ClientSampleId :

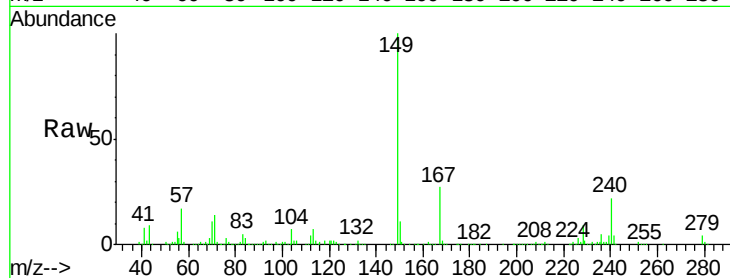
Tot Ion:149 Resp: 368706

Ion Ratio Lower Upper

149 100

167 26.6 18.8 28.2

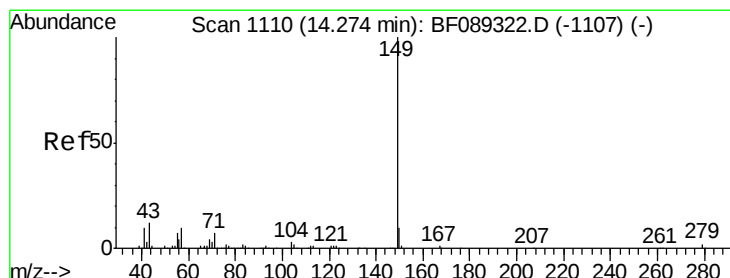
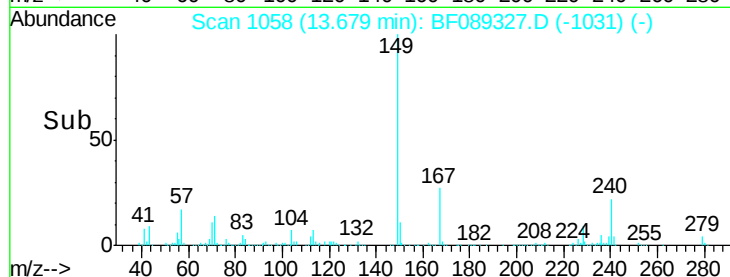
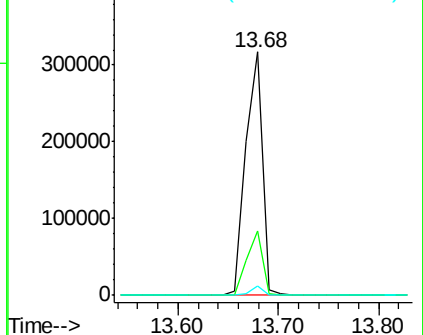
279 4.0 1.4 2.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 67.67 ng

RT: 14.29 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

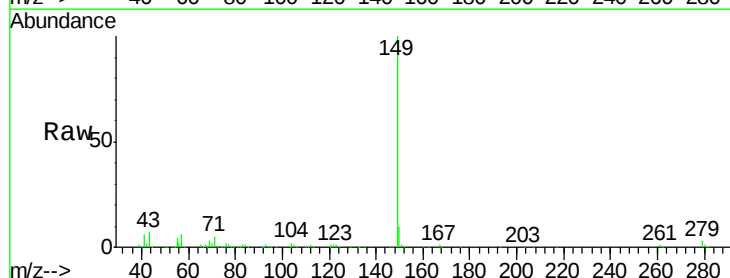
Tgt Ion:149 Resp: 599413

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

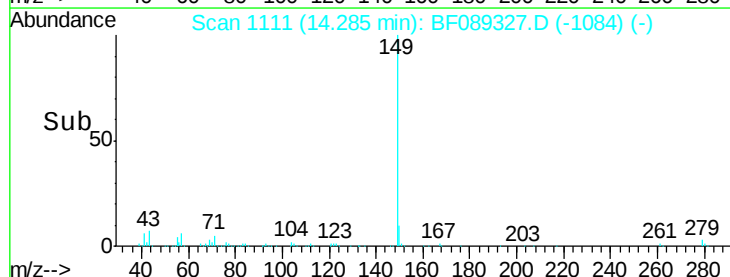
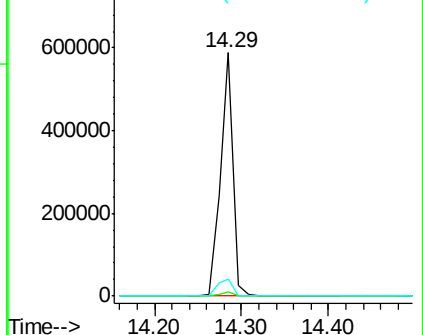
43 8.7 7.3 10.9

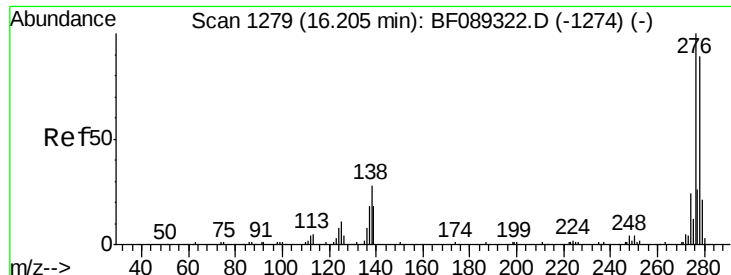


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

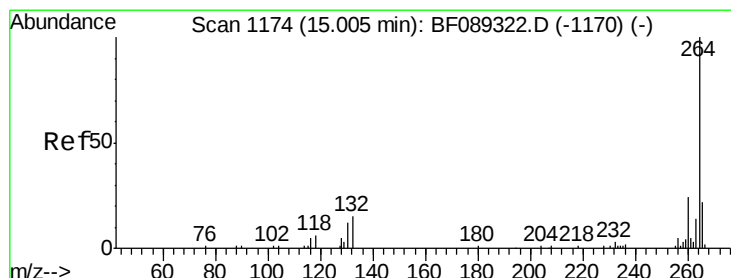
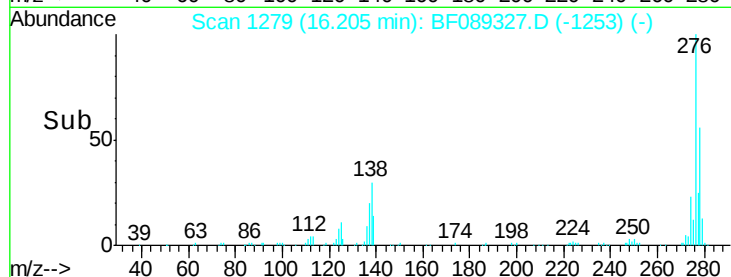
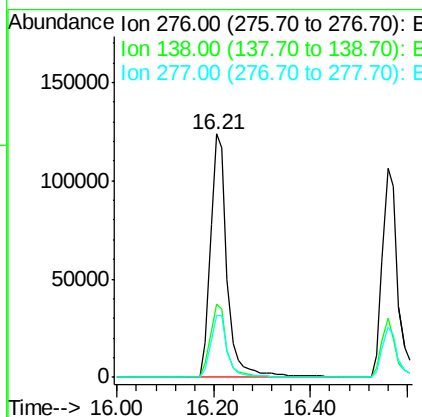
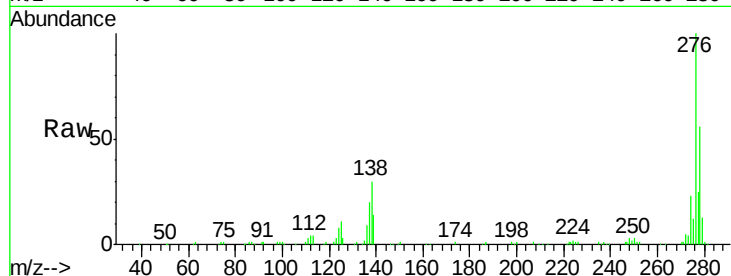




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 62.30 ng  
 RT: 16.21 min Scan# 1279  
 Delta R.T. -0.00 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

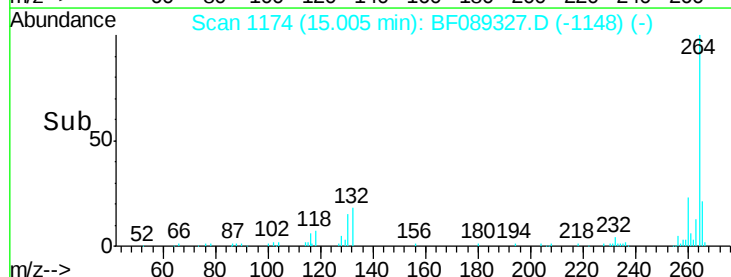
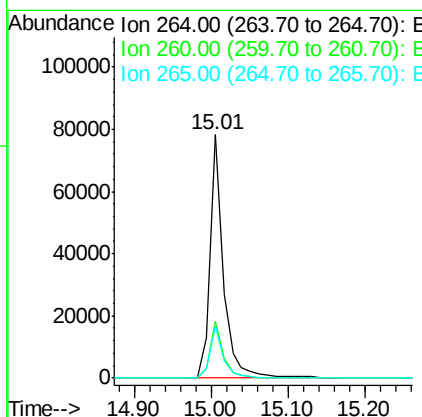
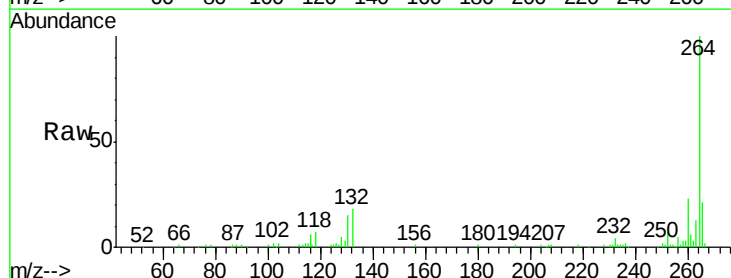
Instrument :  
 BNA\_F  
 ClientSampleId :

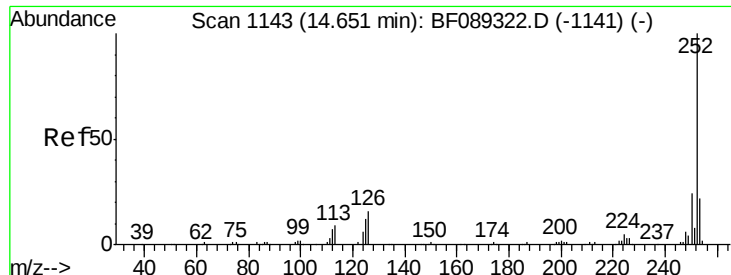
Tot Ion:276 Resp: 303267  
 Ion Ratio Lower Upper  
 276 100  
 138 29.5 23.0 34.4  
 277 25.5 20.2 30.4



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.01 min Scan# 1174  
 Delta R.T. -0.00 min  
 Lab File: BF089327.D  
 Acq: 27 Jul 2016 13:32

Tgt Ion:264 Resp: 93602  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 19.0 28.4  
 265 21.1 17.5 26.3

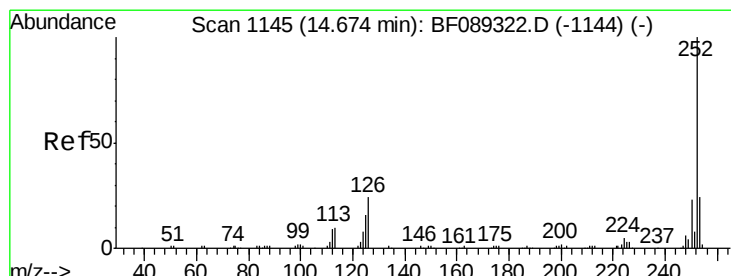
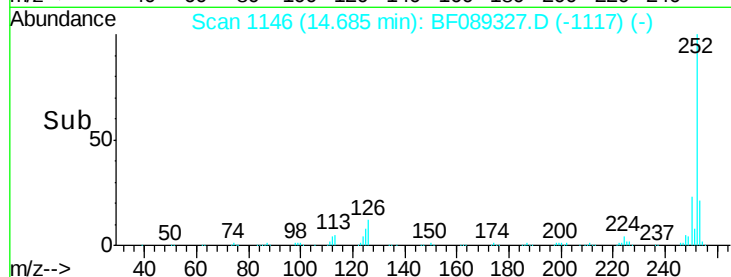
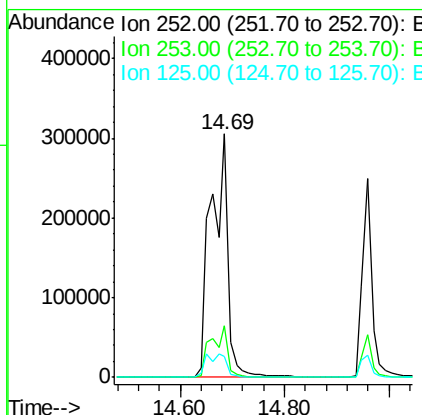
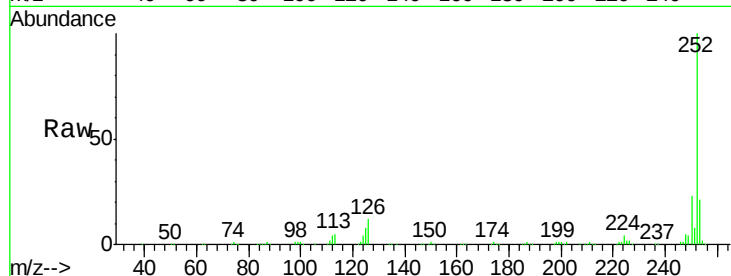




#87  
Benzo(b)fluoranthene  
Concen: 120.15 ng  
RT: 14.69 min Scan# 1146  
Delta R.T. 0.03 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

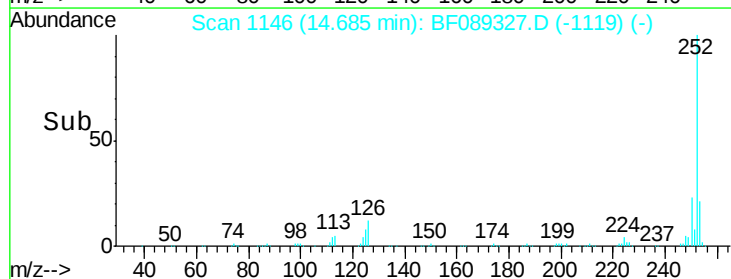
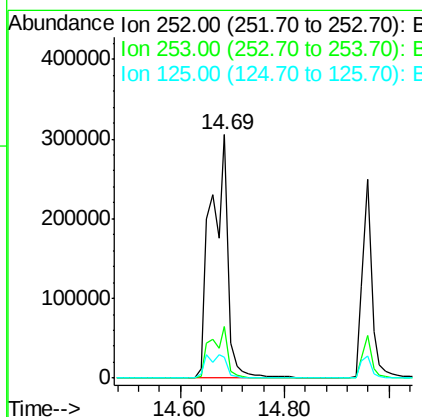
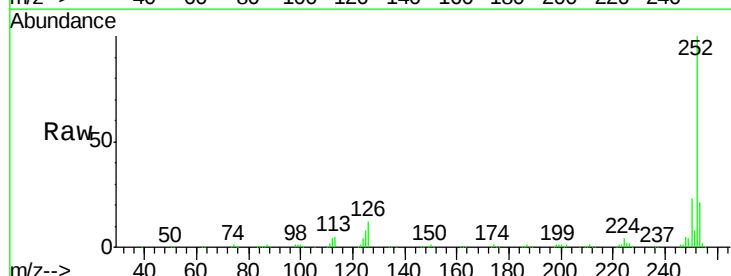
Instrument :  
BNA\_F  
ClientSampleId :

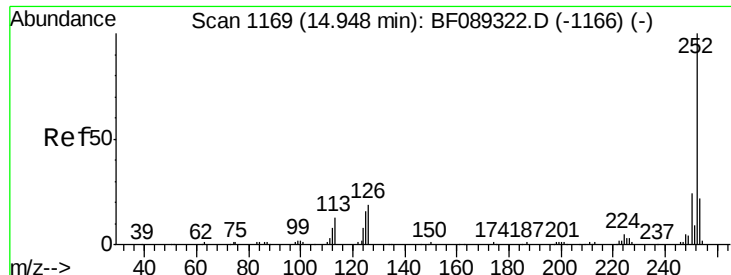
Tot Ion:252 Resp: 698432  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.2 25.8  
125 8.3 9.7 14.5#



#88  
Benzo(k)fluoranthene  
Concen: 131.10 ng  
RT: 14.69 min Scan# 1146  
Delta R.T. 0.01 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Tgt Ion:252 Resp: 698432  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.8 26.8  
125 8.3 10.7 16.1#

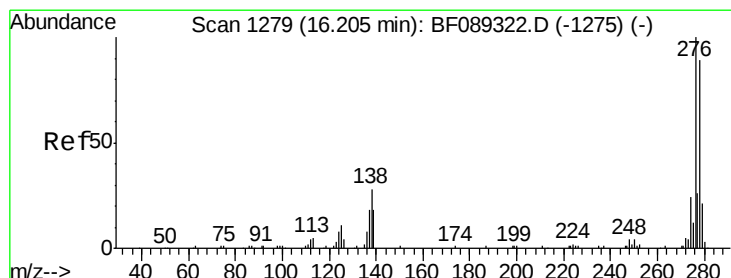
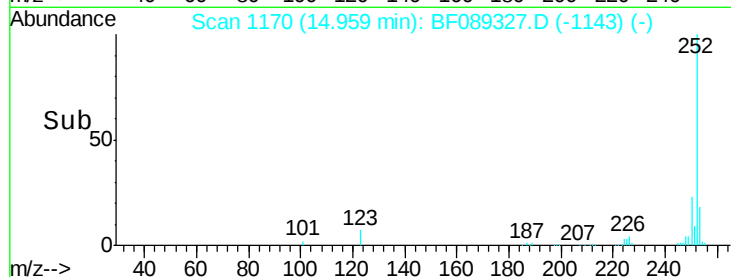
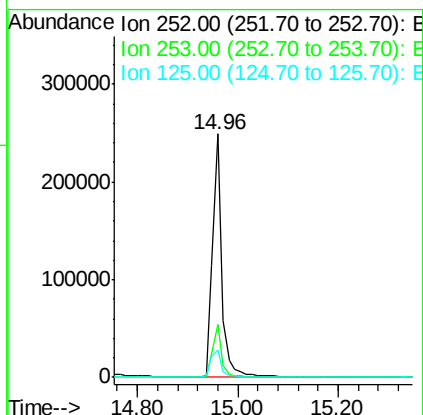
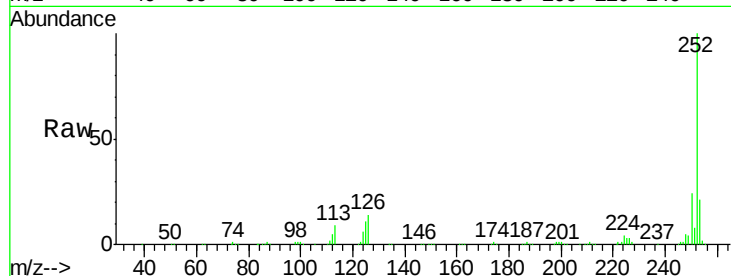




#89  
Benzo(a)pyrene  
Concen: 61.48 ng  
RT: 14.96 min Scan# 1170  
Delta R.T. 0.01 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

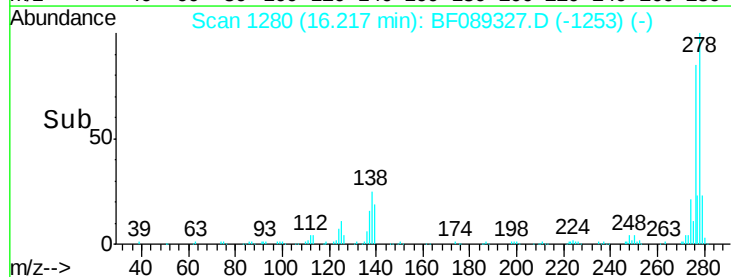
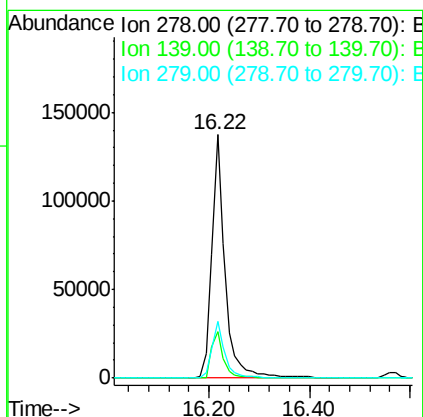
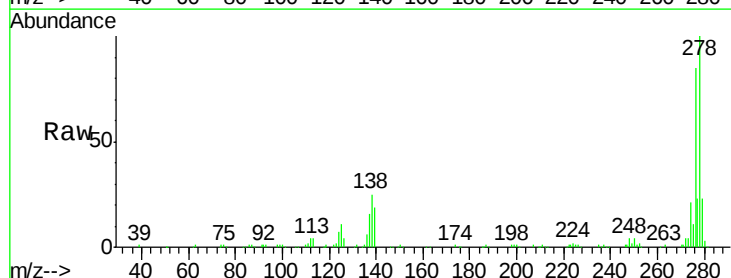
Instrument :  
BNA\_F  
ClientSampleId :

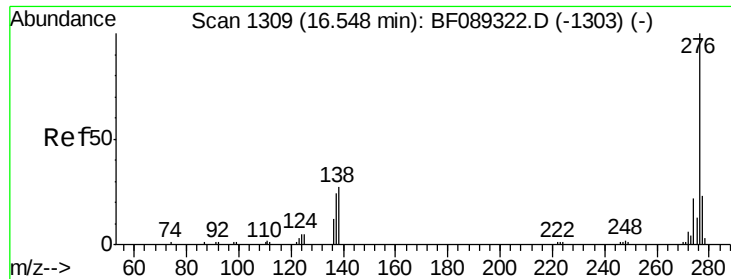
Tot Ion:252 Resp: 320591  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.4 26.2  
125 11.0 12.4 18.6#



#90  
Dibenzo(a,h)anthracene  
Concen: 61.50 ng  
RT: 16.22 min Scan# 1280  
Delta R.T. 0.01 min  
Lab File: BF089327.D  
Acq: 27 Jul 2016 13:32

Tgt Ion:278 Resp: 252618  
Ion Ratio Lower Upper  
278 100  
139 19.1 16.3 24.5  
279 23.4 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 60.26 ng

RT: 16.56 min Scan# 1310

Delta R.T. 0.01 min

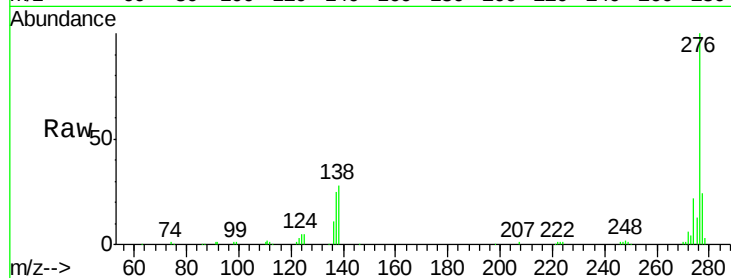
Lab File: BF089327.D

Acq: 27 Jul 2016 13:32

Instrument :

BNA\_F

ClientSampleId :



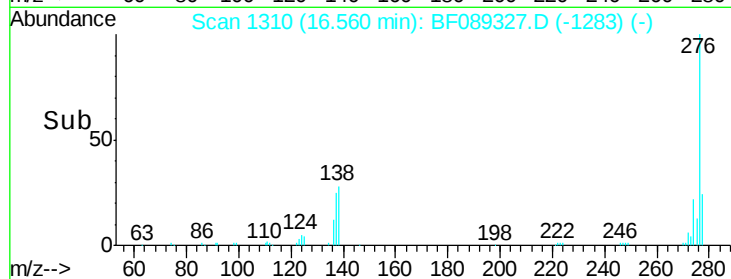
Tot Ion: 276 Resp: 243338

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 28.1 21.4 32.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

