

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\  
 Data File : BF089880.D  
 Acq On : 24 Aug 2016 17:48  
 Operator : UM/SJ  
 Sample : PB93077BL  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Aug 24 18:44:43 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 16 19:45:04 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.67  | 152  | 422247   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 7.95  | 136  | 1696644  | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 9.70  | 164  | 764868   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 11.19 | 188  | 1476300  | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 13.82 | 240  | 1126682  | 20.00 | ng    | -0.08    |
| 86) Perylene-d12          | 15.22 | 264  | 967288   | 20.00 | ng    | -0.18    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.24  | 112 | 3202070 | 126.53 | ng | -0.03 |
| 7) Phenol-d6             | 6.31  | 99  | 3806786 | 118.26 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 7.23  | 82  | 2203381 | 79.30  | ng | -0.03 |
| 41) 2,4,6-Tribromophenol | 10.50 | 330 | 937712  | 126.73 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 9.04  | 172 | 3662703 | 76.84  | ng | -0.03 |
| 78) Terphenyl-d14        | 12.78 | 244 | 3481690 | 92.32  | ng | -0.03 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.19 | 88  | 406899  | 31.15 | ng | # 95   |
| 3) Pyridine                    | 2.82 | 79  | 1130062 | 33.56 | ng | 92     |
| 4) n-Nitrosodimethylamine      | 2.79 | 42  | 516132  | 38.20 | ng | # 82   |
| 6) Aniline                     | 6.33 | 93  | 1348107 | 31.16 | ng | # 85   |
| 8) 2-Chlorophenol              | 6.46 | 128 | 1213130 | 40.30 | ng | # 76   |
| 9) Benzaldehyde                | 6.20 | 77  | 269651  | 12.64 | ng | 86     |
| 10) Phenol                     | 6.32 | 94  | 1214566 | 30.31 | ng | 84     |
| 11) bis(2-Chloroethyl)ether    | 6.41 | 93  | 1144901 | 38.57 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 6.60 | 146 | 1208762 | 37.57 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.68 | 146 | 1268317 | 38.91 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.84 | 146 | 1164897 | 37.48 | ng | 97     |
| 15) Benzyl Alcohol             | 6.82 | 79  | 925902  | 43.04 | ng | # 89   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.96 | 45  | 1266301 | 32.51 | ng | 93     |
| 17) 2-Methylphenol             | 6.94 | 107 | 1034403 | 43.25 | ng | 96     |
| 18) Hexachloroethane           | 7.19 | 117 | 465536  | 38.97 | ng | 90     |
| 19) n-Nitroso-di-n-propylamine | 7.10 | 70  | 778541  | 36.93 | ng | 91     |
| 20) 3+4-Methylphenols          | 7.10 | 107 | 1284306 | 41.93 | ng | # 48   |
| 22) Acetophenone               | 7.08 | 105 | 1433850 | 36.36 | ng | # 90   |
| 24) Nitrobenzene               | 7.26 | 77  | 1306045 | 41.79 | ng | 94     |
| 25) Isophorone                 | 7.50 | 82  | 2195049 | 39.48 | ng | 98     |
| 26) 2-Nitrophenol              | 7.58 | 139 | 690888  | 46.98 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.62 | 122 | 1223103 | 43.88 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.71 | 93  | 1382683 | 40.93 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.82 | 162 | 1075829 | 46.36 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.90 | 180 | 995103  | 39.94 | ng | 98     |
| 31) Naphthalene                | 7.98 | 128 | 3259156 | 42.80 | ng | 98     |
| 32) Benzoic acid               | 7.74 | 122 | 589394  | 27.20 | ng | 99     |
| 33) 4-Chloroaniline            | 8.02 | 127 | 716774  | 20.34 | ng | # 86   |
| 34) Hexachlorobutadiene        | 8.10 | 225 | 514683  | 39.32 | ng | 98     |
| 35) Caprolactam                | 8.40 | 113 | 213056  | 29.79 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 8.51 | 107 | 1065541 | 42.17 | ng | 91     |
| 37) 2-Methylnaphthalene        | 8.67 | 142 | 2276676 | 43.92 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.83 | 216 | 715287  | 29.09 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.83 | 237 | 923477  | 84.27 | ng | 98     |

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 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

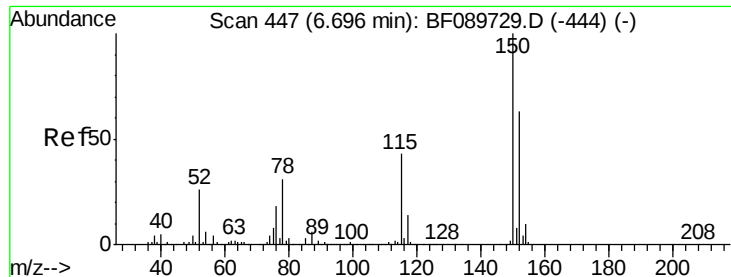
Instrument :  
 BNA\_F  
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Quant Time: Aug 24 18:44:43 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.95  | 196  | 669486   | 42.15 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 8.99  | 196  | 681228   | 44.98 | nq    | 95       |
| 45) 1,1'-Biphenyl              | 9.13  | 154  | 2202914  | 34.78 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.15  | 162  | 1866869  | 39.33 | nq    | 97       |
| 47) 2-Nitroaniline             | 9.26  | 65   | 624577   | 43.18 | nq    | # 66     |
| 48) Acenaphthylene             | 9.56  | 152  | 2928314  | 40.07 | nq    | 99       |
| 49) Dimethylphthalate          | 9.45  | 163  | 2419926  | 43.73 | nq    | # 99     |
| 50) 2,6-Dinitrotoluene         | 9.50  | 165  | 491458   | 39.23 | nq    | 91       |
| 51) Acenaphthene               | 9.74  | 154  | 2159337  | 43.79 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.67  | 138  | 433354   | 29.76 | nq    | # 65     |
| 53) 2,4-Dinitrophenol          | 9.77  | 184  | 513156   | 91.46 | nq    | # 78     |
| 54) Dibenzofuran               | 9.92  | 168  | 2815344  | 46.40 | nq    | # 87     |
| 55) 4-Nitrophenol              | 9.83  | 139  | 885580   | 79.04 | nq    | 91       |
| 56) 2,4-Dinitrotoluene         | 9.90  | 165  | 650457   | 40.40 | nq    | # 69     |
| 57) Fluorene                   | 10.25 | 166  | 1874098  | 38.23 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.03 | 232  | 569753   | 48.17 | nq    | 97       |
| 59) Diethylphthalate           | 10.15 | 149  | 2398445  | 42.74 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.25 | 204  | 839882   | 34.89 | nq    | 97       |
| 61) 4-Nitroaniline             | 10.27 | 138  | 593732   | 41.99 | nq    | 95       |
| 62) Azobenzene                 | 10.41 | 77   | 2320780  | 43.77 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.31 | 198  | 362208   | 42.25 | nq    | # 66     |
| 65) n-Nitrosodiphenylamine     | 10.38 | 169  | 2075914  | 44.81 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.74 | 248  | 634795   | 41.52 | nq    | # 89     |
| 67) Hexachlorobenzene          | 10.80 | 284  | 686089   | 40.37 | nq    | # 88     |
| 68) Atrazine                   | 10.90 | 200  | 531854   | 37.90 | nq    | 95       |
| 69) Pentachlorophenol          | 10.99 | 266  | 727576   | 68.72 | nq    | 98       |
| 70) Phenanthrene               | 11.21 | 178  | 3233305  | 44.56 | nq    | 97       |
| 71) Anthracene                 | 11.26 | 178  | 2933579  | 38.69 | nq    | 99       |
| 72) Carbazole                  | 11.42 | 167  | 3017455  | 42.00 | nq    | 97       |
| 73) Di-n-butylphthalate        | 11.77 | 149  | 3693085  | 42.27 | nq    | # 97     |
| 74) Fluoranthene               | 12.39 | 202  | 2928598  | 40.17 | nq    | 94       |
| 76) Benzidine                  | 12.51 | 184  | 1350691  | 33.40 | nq    | 97       |
| 77) Pyrene                     | 12.62 | 202  | 3264533  | 44.28 | nq    | 97       |
| 79) Butylbenzylphthalate       | 13.26 | 149  | 1744739  | 47.17 | nq    | 98       |
| 80) Benzo(a)anthracene         | 13.81 | 228  | 2719330  | 41.54 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.78 | 252  | 692934   | 29.05 | nq    | # 93     |
| 82) Chrysene                   | 13.84 | 228  | 2345888  | 39.82 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.83 | 149  | 2190889  | 44.76 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 14.47 | 149  | 3885959  | 51.07 | nq    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.50 | 276  | 2248361  | 44.80 | nq    | 100      |
| 87) Benzo(b)fluoranthene       | 14.88 | 252  | 4714605  | 76.92 | nq    | # 95     |
| 88) Benzo(k)fluoranthene       | 14.88 | 252  | 4719292  | 93.55 | nq    | 98       |
| 89) Benzo(a)pyrene             | 15.17 | 252  | 2116977  | 41.84 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.51 | 278  | 1900032  | 47.69 | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 16.88 | 276  | 1923556  | 47.44 | nq    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

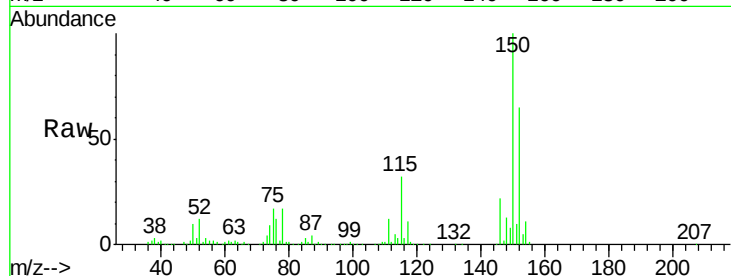
Tot Ion:152 Resp: 422247

Ion Ratio Lower Upper

152 100

150 154.5 125.3 187.9

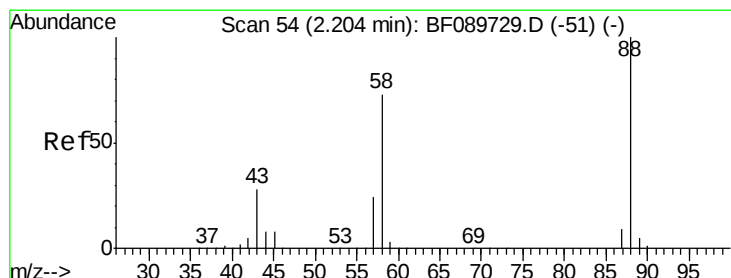
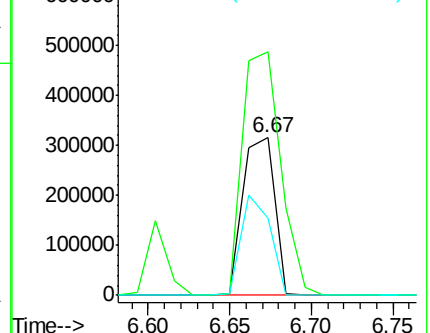
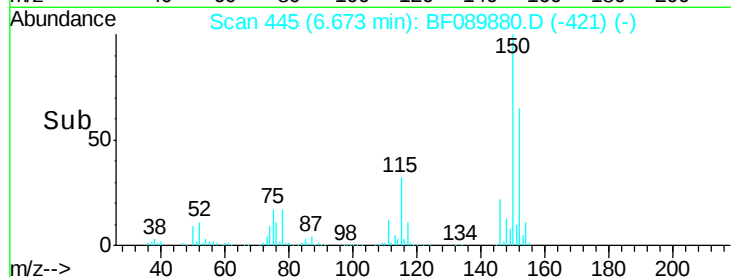
115 49.0 40.9 61.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.15 ng

RT: 2.19 min Scan# 53

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

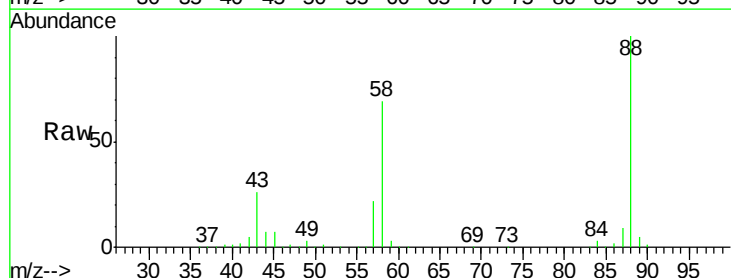
Tgt Ion: 88 Resp: 406899

Ion Ratio Lower Upper

88 100

58 69.2 57.0 85.4

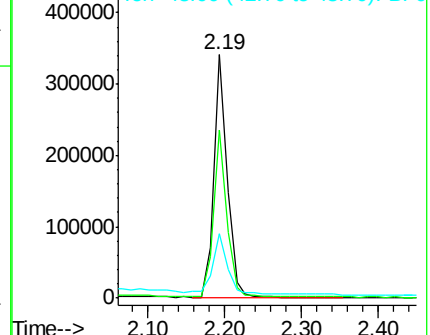
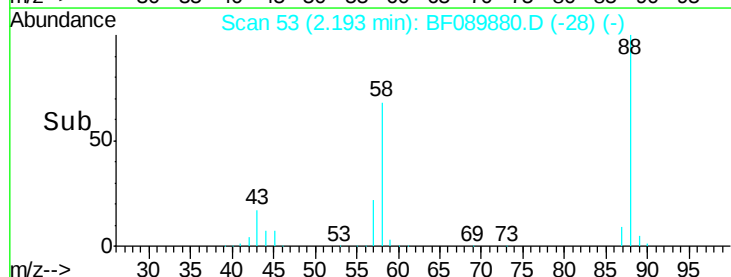
43 32.9 21.8 32.8#

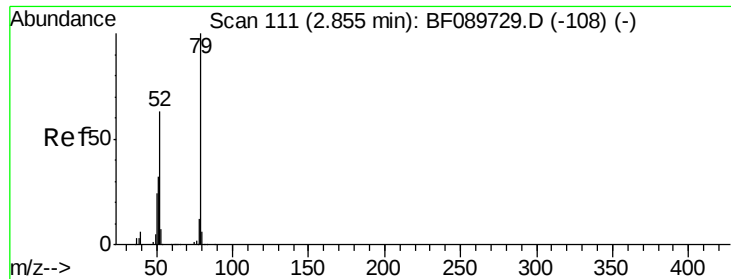


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.56 ng

RT: 2.82 min Scan# 108

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

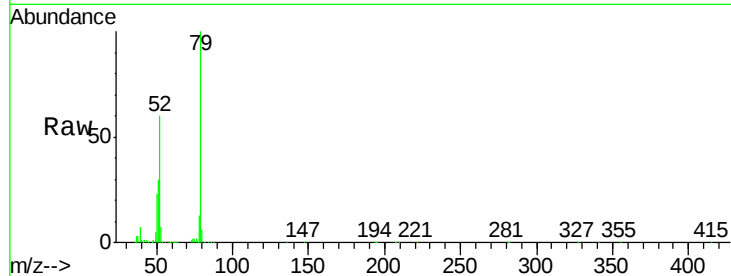
Tot Ion: 79 Resp: 1130062

Ion Ratio Lower Upper

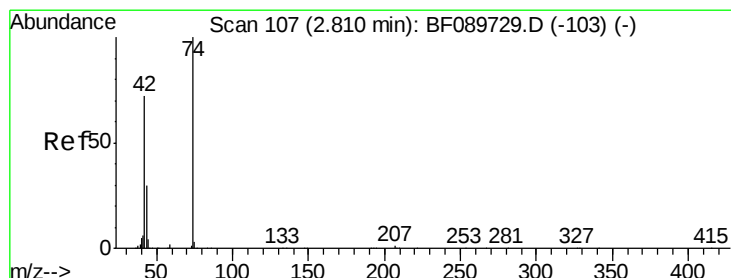
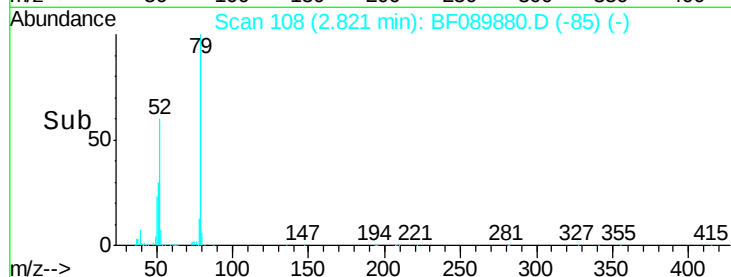
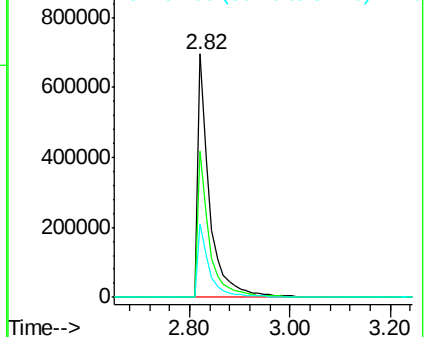
79 100

52 60.1 53.6 80.4

51 30.2 26.6 39.8



Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 52.00 (51.70 to 52.70): BF0  
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.20 ng

RT: 2.79 min Scan# 105

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

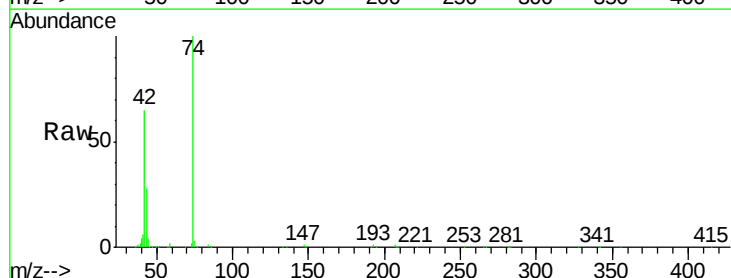
Tgt Ion: 42 Resp: 516132

Ion Ratio Lower Upper

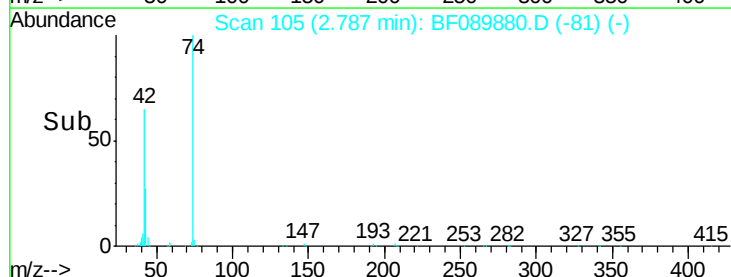
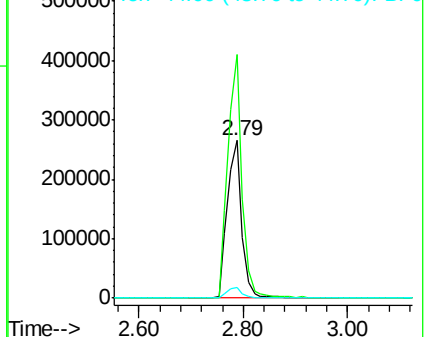
42 100

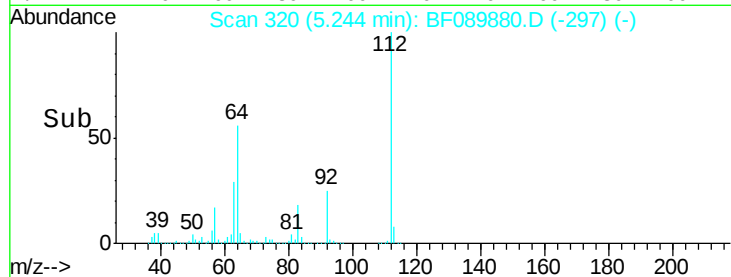
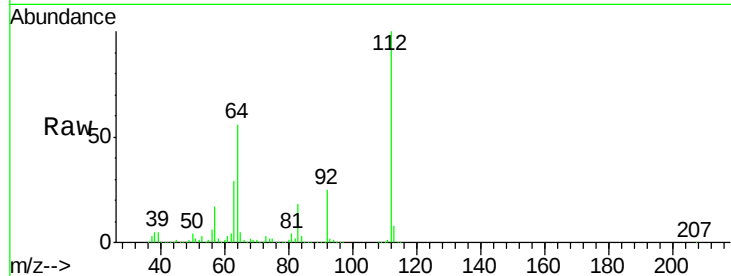
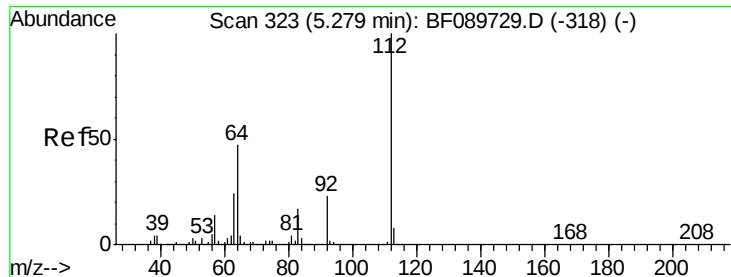
74 154.7 106.2 159.2

44 6.6 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0  
Ion 74.00 (73.70 to 74.70): BF0  
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 126.53 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

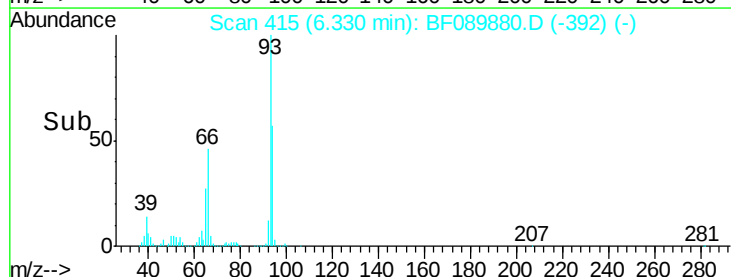
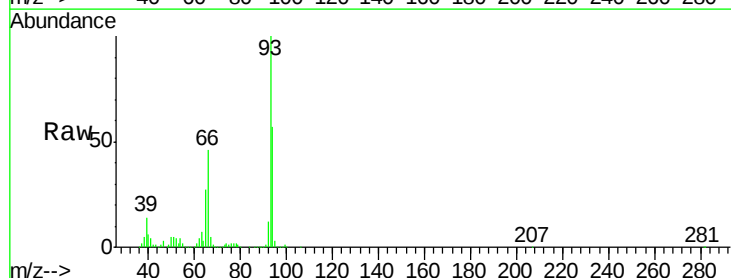
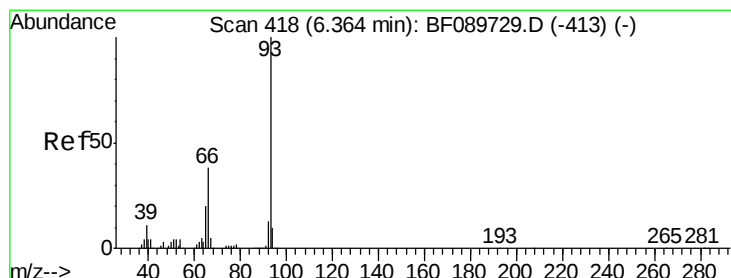
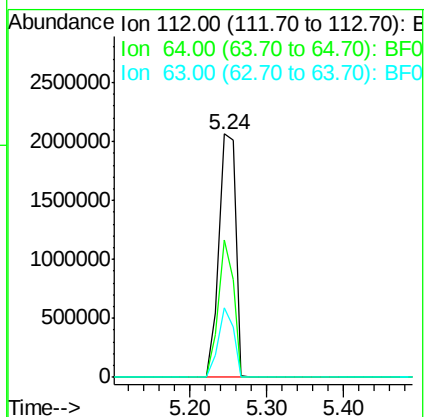
Tot Ion:112 Resp: 3202070

Ion Ratio Lower Upper

112 100

64 56.3 45.0 67.4

63 28.6 23.1 34.7



#6

Aniline

Concen: 31.16 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

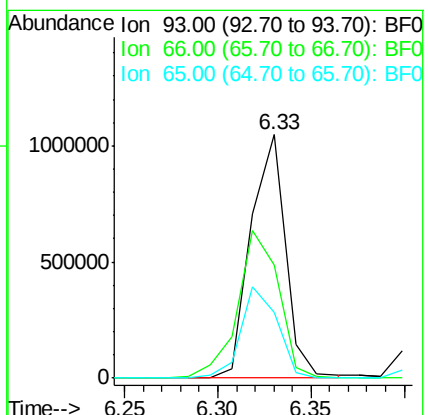
Tgt Ion: 93 Resp: 1348107

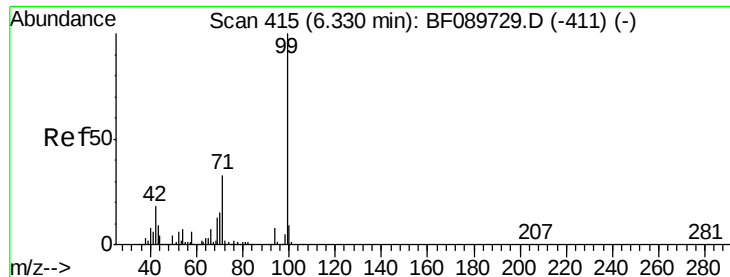
Ion Ratio Lower Upper

93 100

66 46.4 30.6 46.0#

65 26.9 15.4 23.2#





#7

Phenol-d6

Concen: 118.26 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

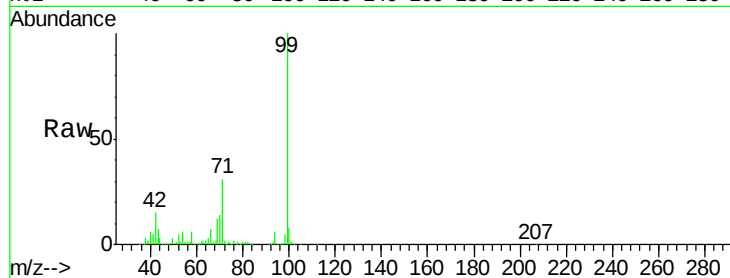
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 99 Resp: 3806786

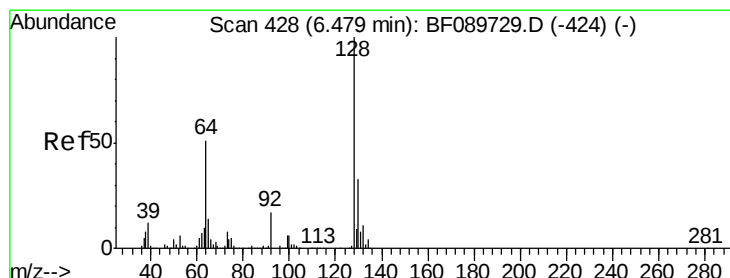
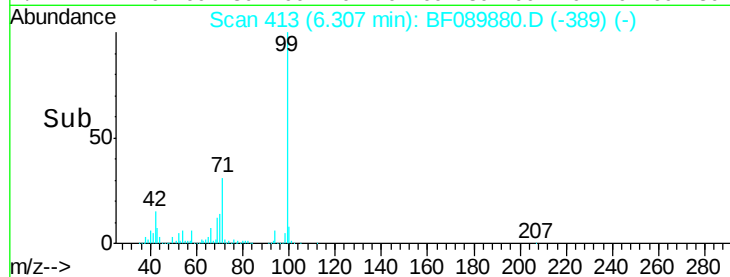
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.6  | 12.2  | 18.4  |
| 71  | 30.7  | 23.8  | 35.8  |



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: 40.30 ng

RT: 6.46 min Scan# 426

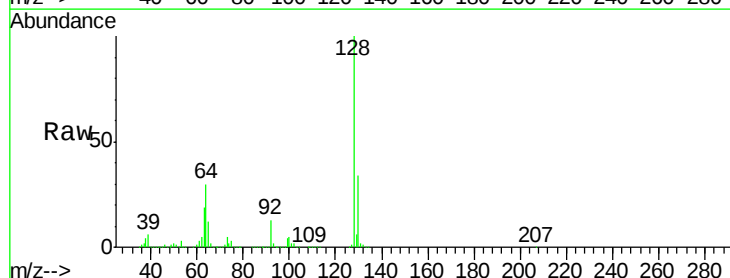
Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion:128 Resp: 1213130

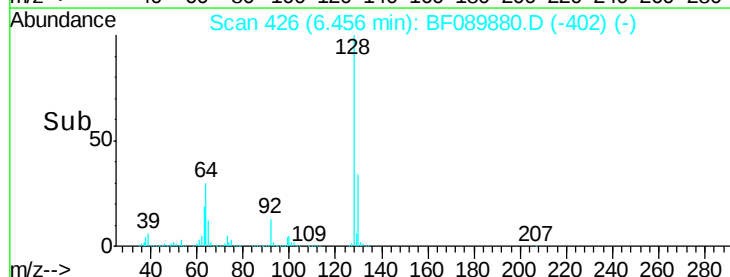
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 34.0  | 12.0  | 52.0  |
| 64  | 29.5  | 35.1  | 75.1  |

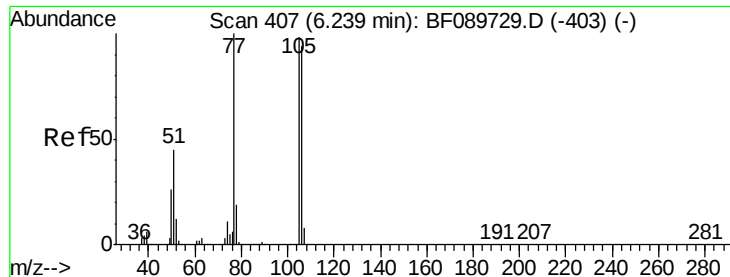


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.64 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

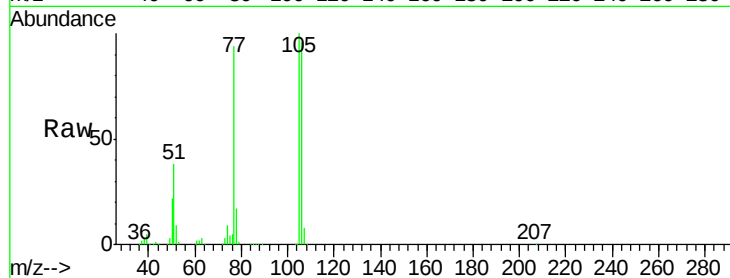
Tot Ion: 77 Resp: 269651

Ion Ratio Lower Upper

77 100

105 106.4 73.3 113.3

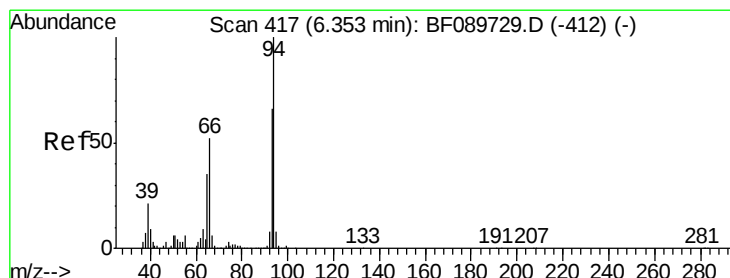
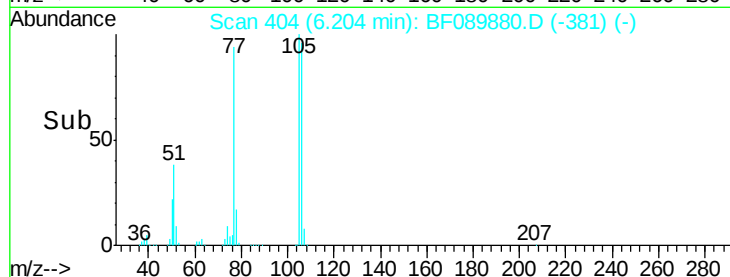
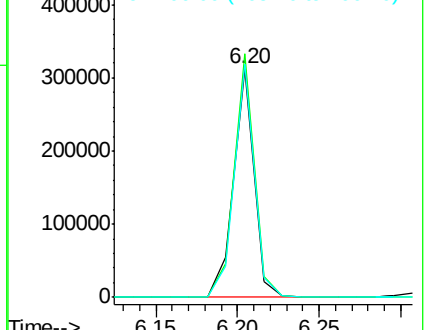
106 102.0 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 30.31 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

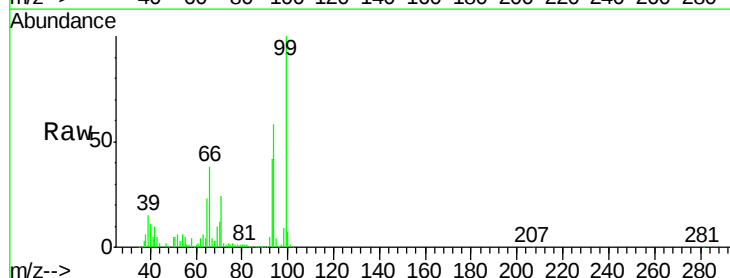
Tgt Ion: 94 Resp: 1214566

Ion Ratio Lower Upper

94 100

65 40.0 14.0 54.0

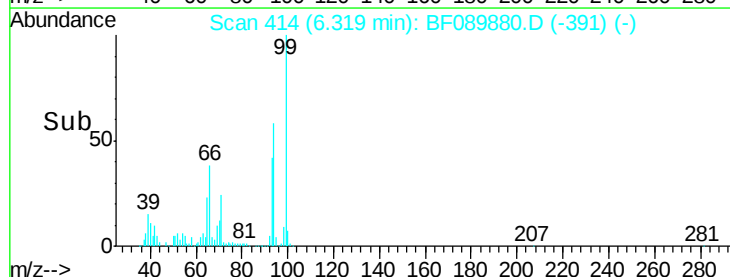
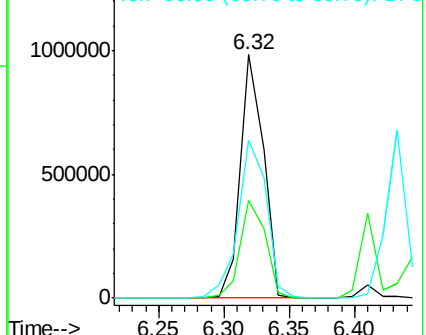
66 64.7 31.2 71.2

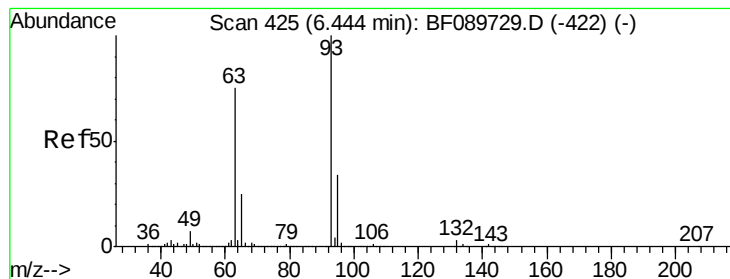


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.57 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

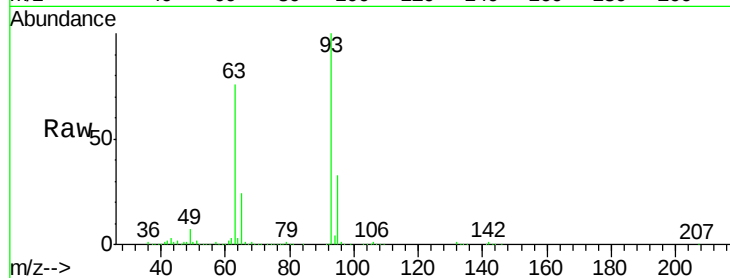
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 93 Resp: 1144901

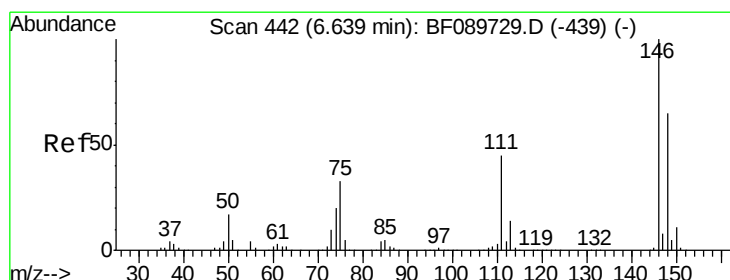
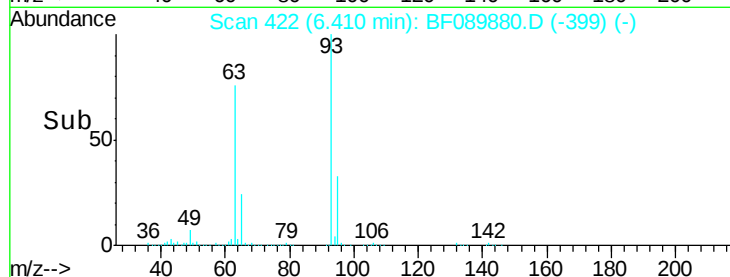
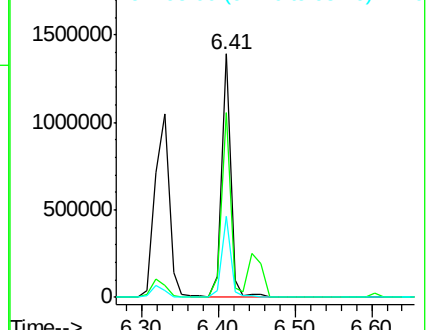
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 76.0  | 55.8  | 95.8  |
| 95  | 33.5  | 13.0  | 53.0  |



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.57 ng

RT: 6.60 min Scan# 439

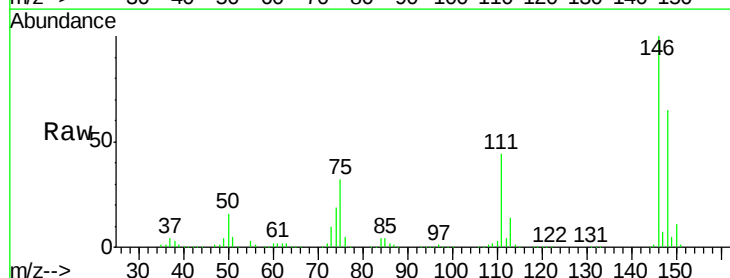
Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion: 146 Resp: 1208762

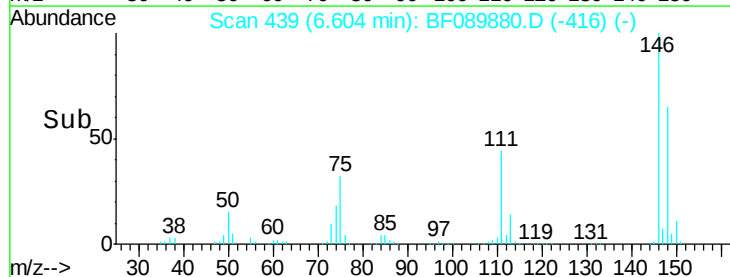
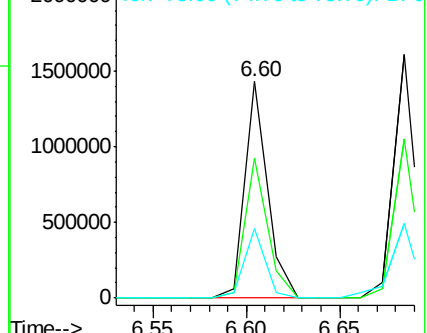
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.9  | 51.0  | 76.4  |
| 75  | 32.1  | 27.0  | 40.6  |

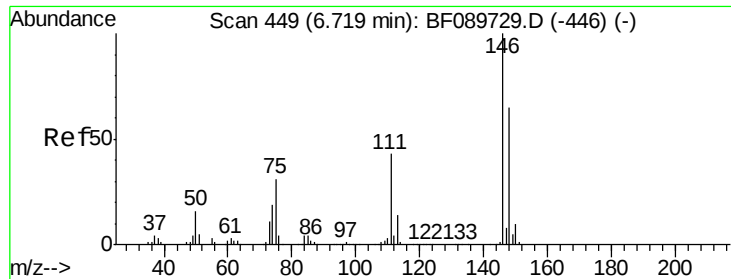


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.91 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

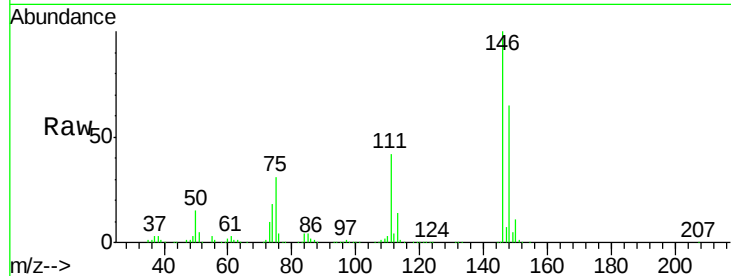
Tot Ion:146 Resp: 1268317

Ion Ratio Lower Upper

146 100

148 65.3 51.0 76.6

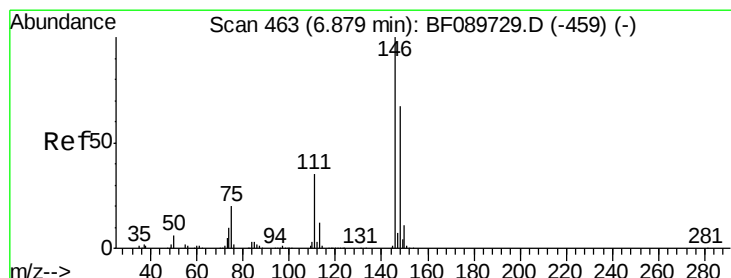
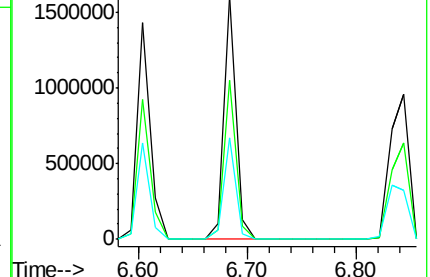
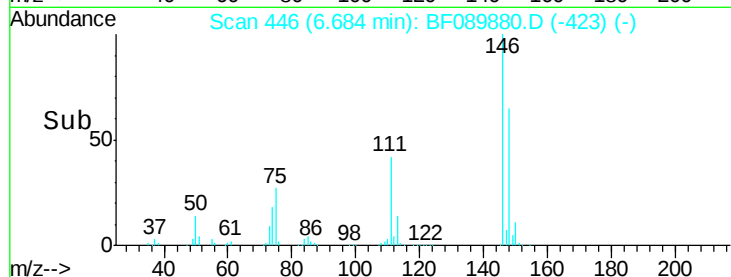
111 41.6 34.6 52.0



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: 37.48 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

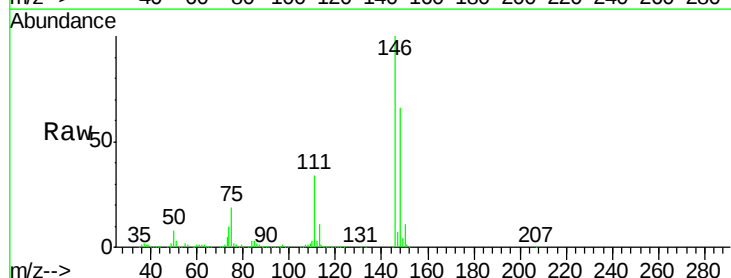
Tgt Ion:146 Resp: 1164897

Ion Ratio Lower Upper

146 100

148 66.1 52.2 78.2

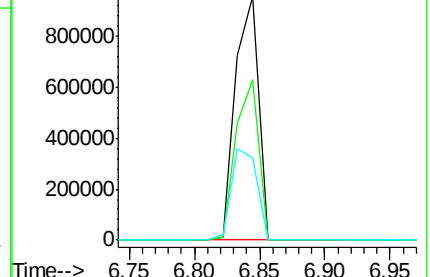
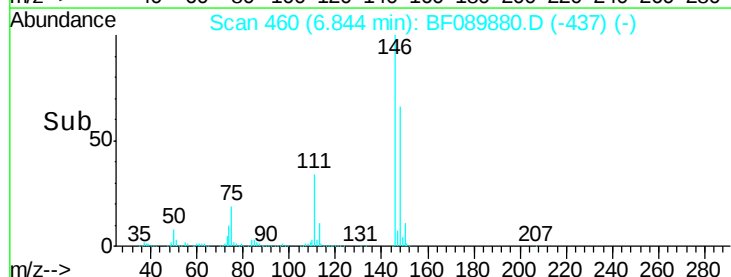
111 33.7 29.8 44.6

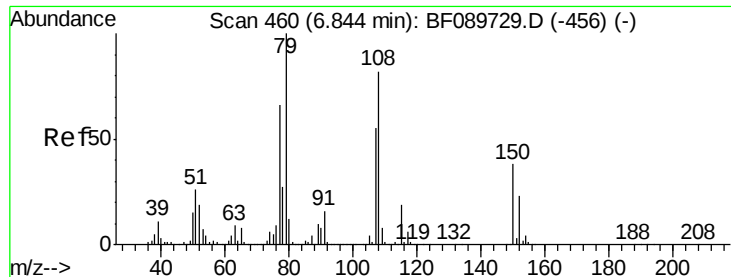


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.04 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

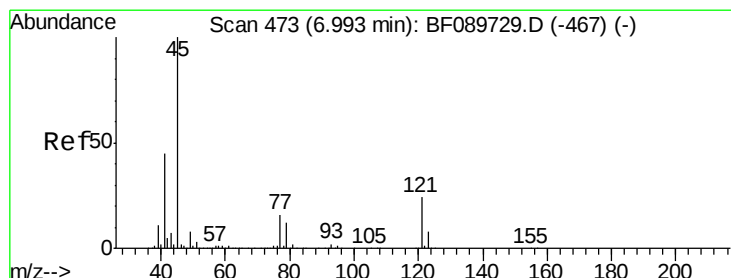
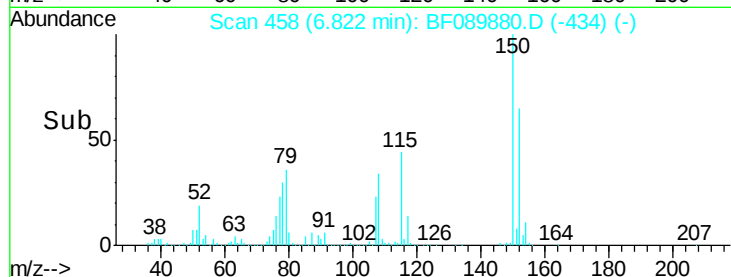
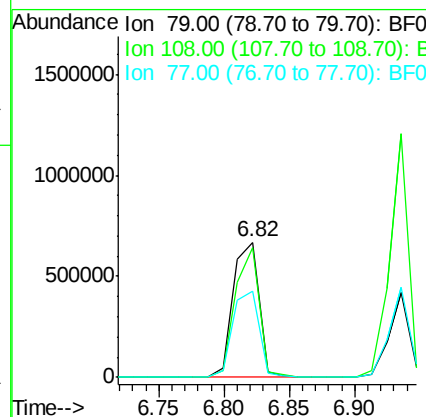
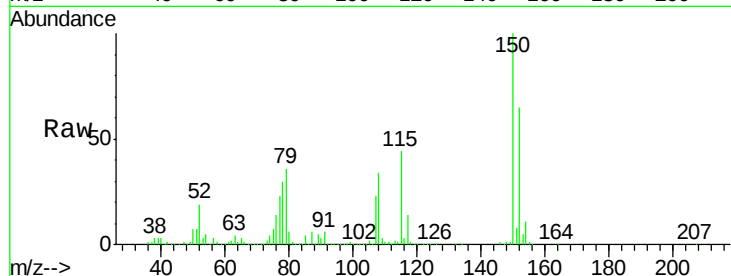
Tot Ion: 79 Resp: 925902

Ion Ratio Lower Upper

79 100

108 96.0 62.5 93.7#

77 64.2 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.51 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

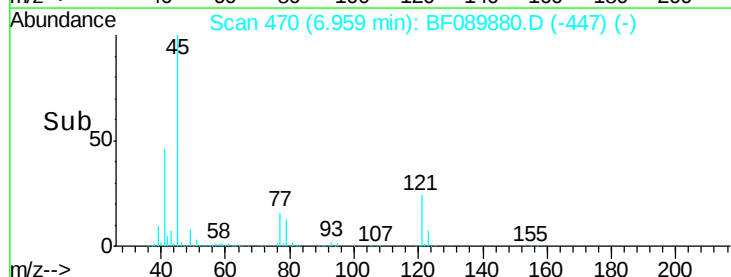
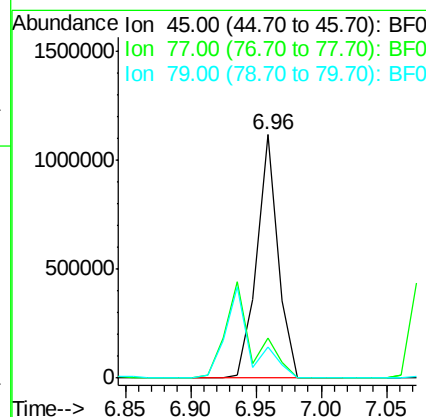
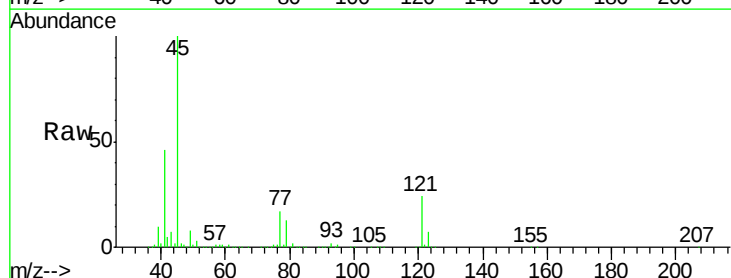
Tgt Ion: 45 Resp: 1266301

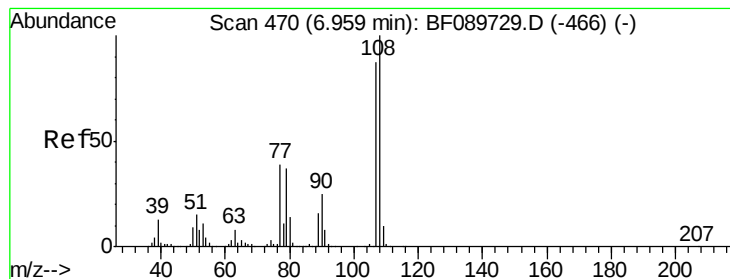
Ion Ratio Lower Upper

45 100

77 16.5 0.0 33.5

79 12.8 0.0 30.7





#17

2-Methylphenol

Concen: 43.25 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:107 Resp: 1034403

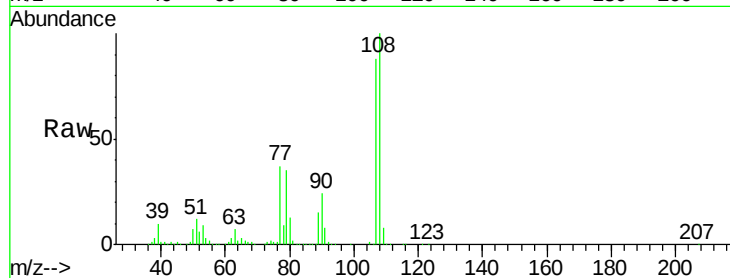
Ion Ratio Lower Upper

107 100

108 114.2 91.0 136.4

77 42.1 37.4 56.0

79 39.8 36.6 55.0

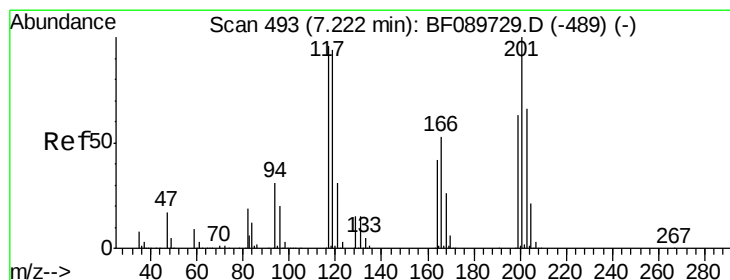
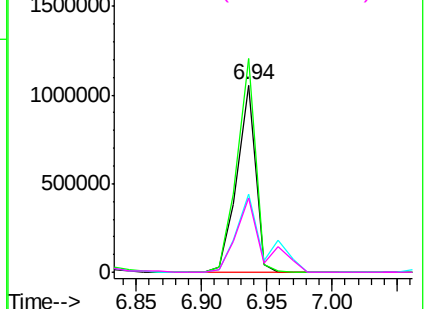
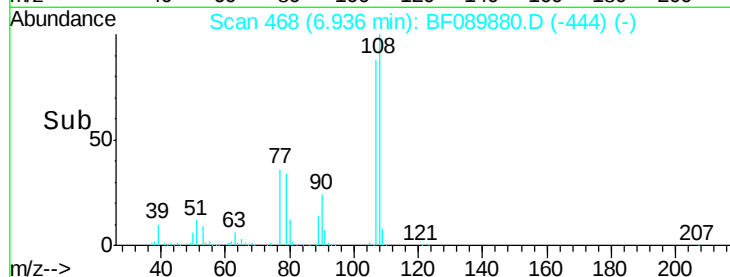


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.97 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

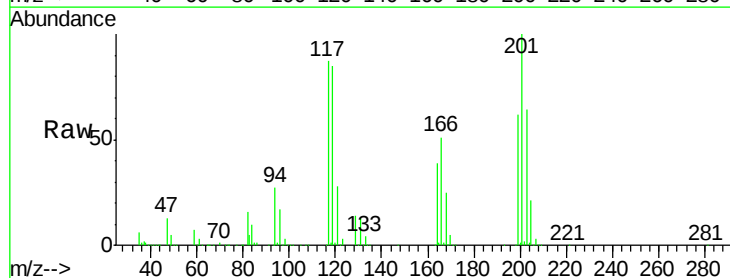
Tgt Ion:117 Resp: 465536

Ion Ratio Lower Upper

117 100

119 97.7 77.1 115.7

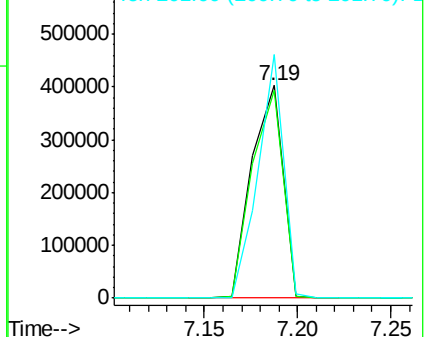
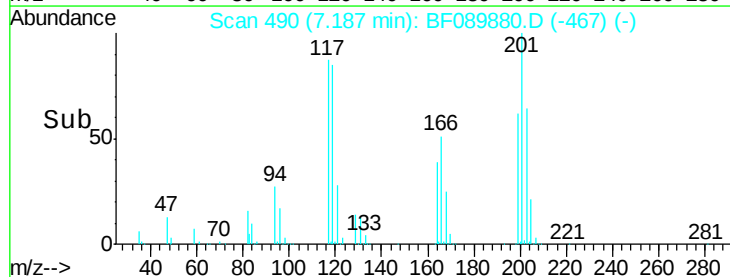
201 114.6 76.9 115.3

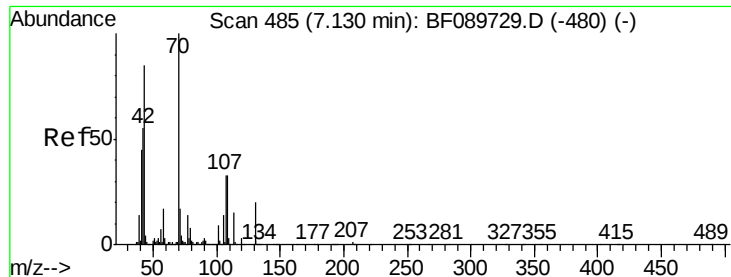


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

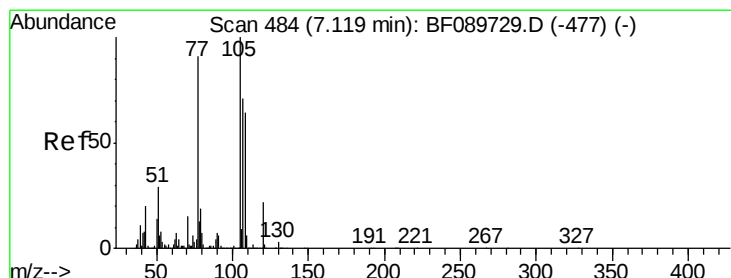
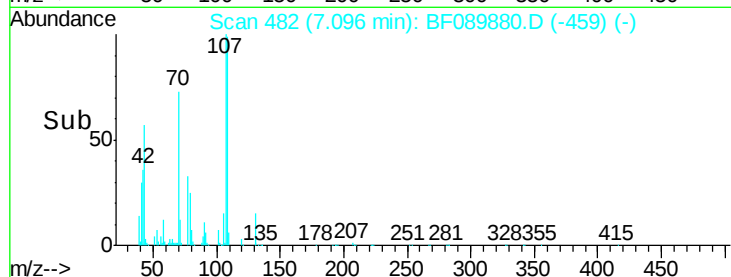
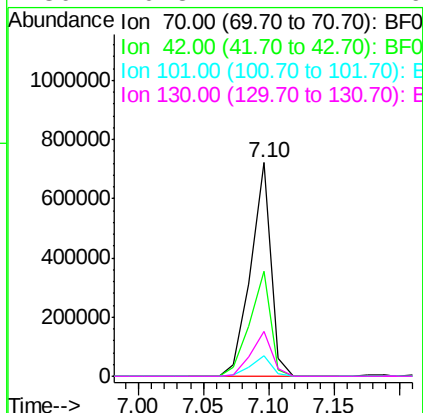
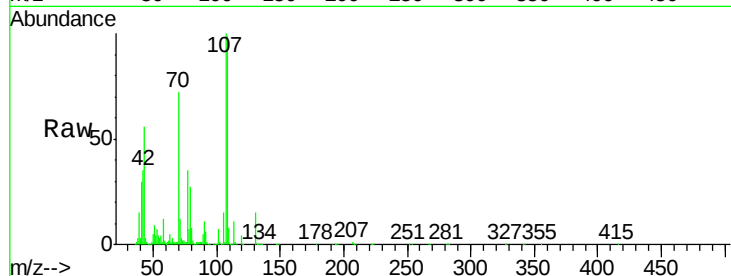




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 36.93 ng  
 RT: 7.10 min Scan# 482  
 Delta R.T. -0.03 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

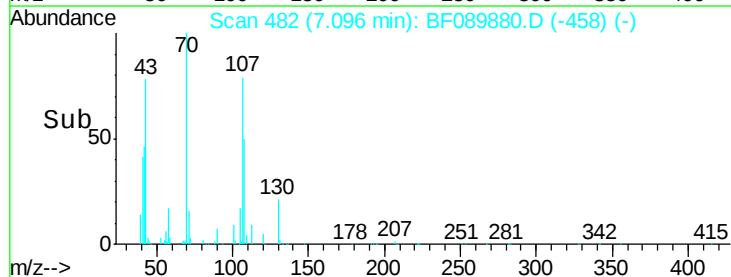
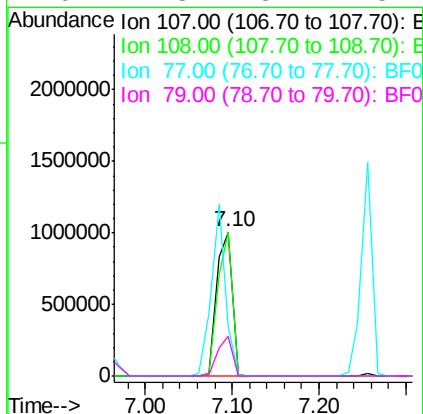
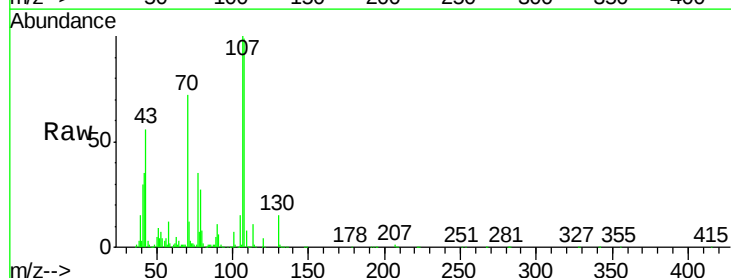
Instrument :  
 BNA\_F  
 ClientSampleId :

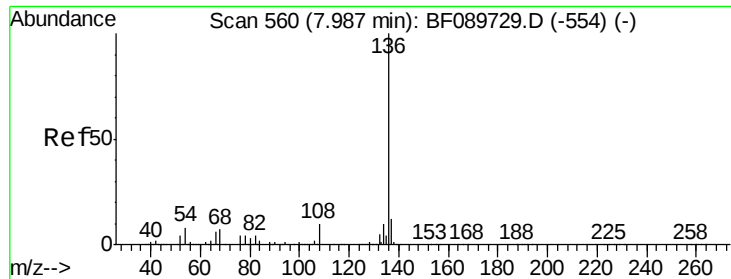
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 778541 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 49.3  | 46.3  | 69.5   |
| 101      | 9.5   | 7.0   | 10.6   |
| 130      | 20.8  | 14.4  | 21.6   |



#20  
 3+4-Methylphenols  
 Concen: 41.93 ng  
 RT: 7.10 min Scan# 482  
 Delta R.T. -0.02 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 107   | Resp: | 1284306 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 99.4  | 68.2  | 108.2   |
| 77       | 35.0  | 122.3 | 162.3#  |
| 79       | 27.3  | 8.2   | 48.2    |

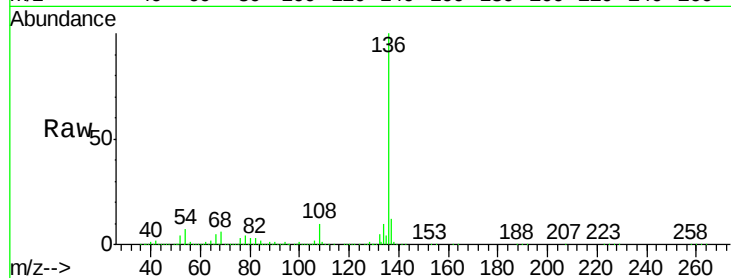




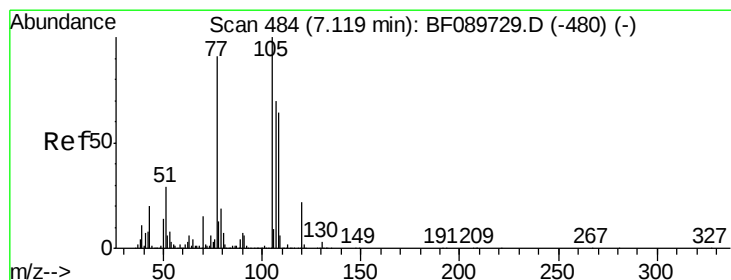
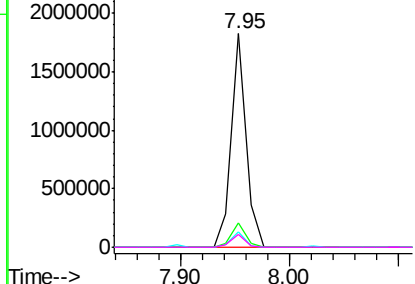
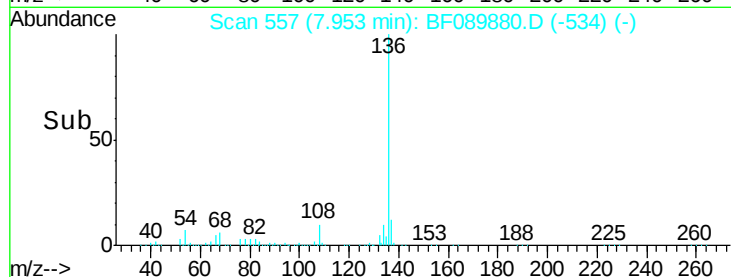
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.95 min Scan# 557  
Delta R.T. -0.03 min  
Lab File: BF089880.D  
Acq: 24 Aug 2016 17:48

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:136 Resp: 1696644  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.2 13.8  
54 7.1 7.2 10.8#  
68 6.2 5.8 8.8

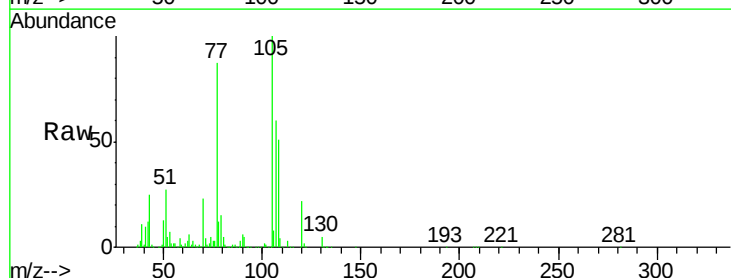


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

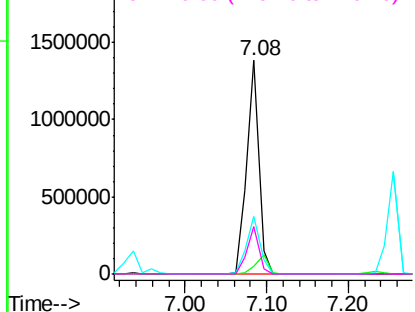
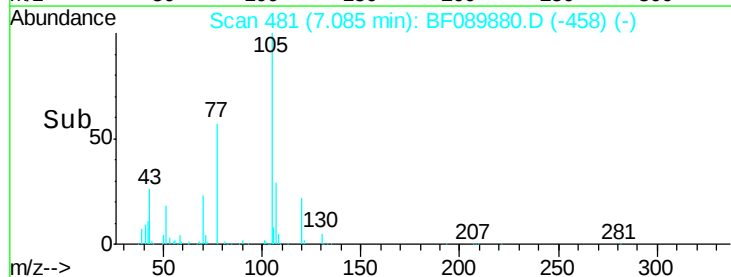


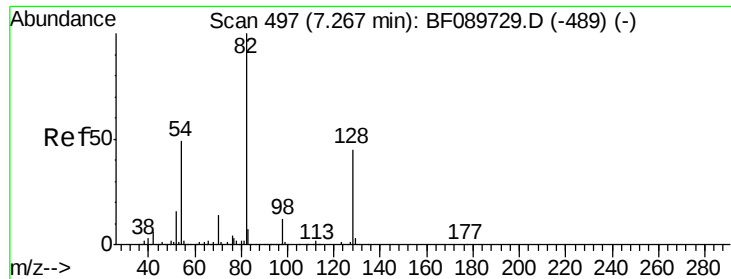
#22  
Acetophenone  
Concen: 36.36 ng  
RT: 7.08 min Scan# 481  
Delta R.T. -0.03 min  
Lab File: BF089880.D  
Acq: 24 Aug 2016 17:48

Tgt Ion:105 Resp: 1433850  
Ion Ratio Lower Upper  
105 100  
71 3.8 1.9 2.9#  
51 27.0 28.5 42.7#  
120 22.0 16.6 25.0



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF0  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 120.00 (119.70 to 120.70): E



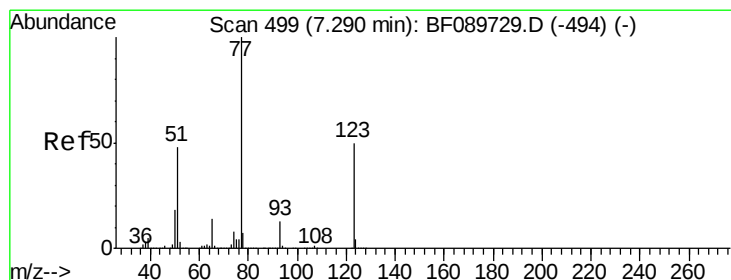
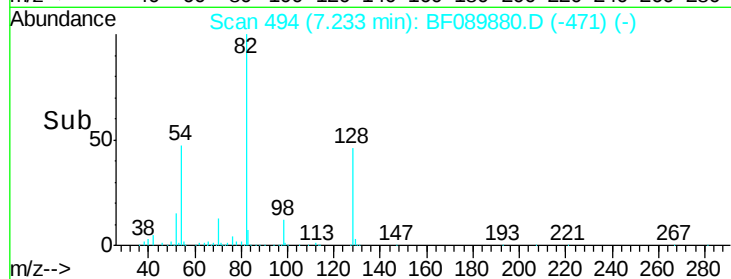
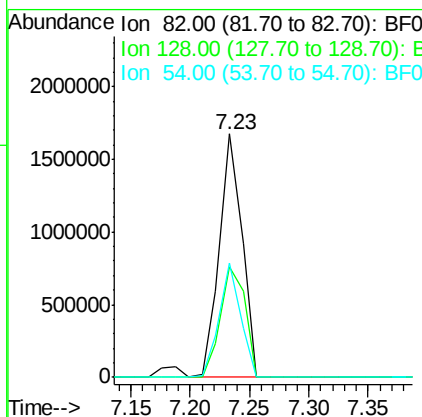
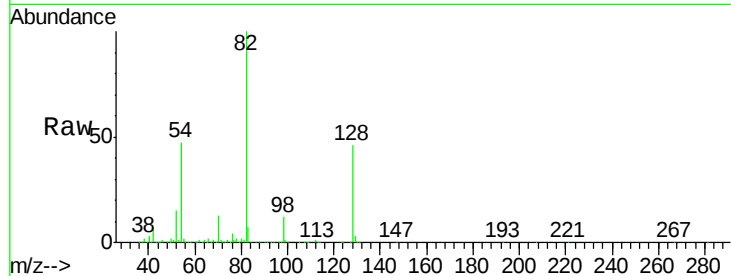


#23  
 Nitrobenzene-d5  
 Concen: 79.30 ng  
 RT: 7.23 min Scan# 494  
 Delta R.T. -0.03 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion: 82 Resp: 2203381  

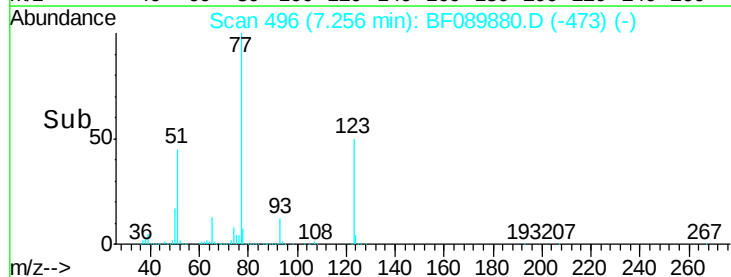
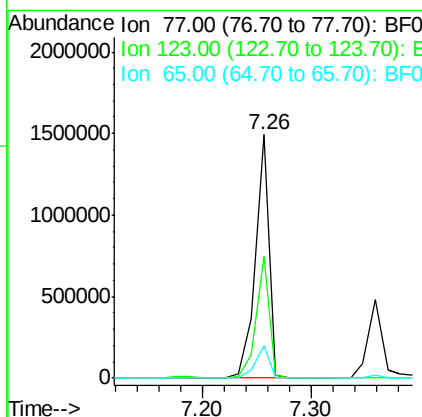
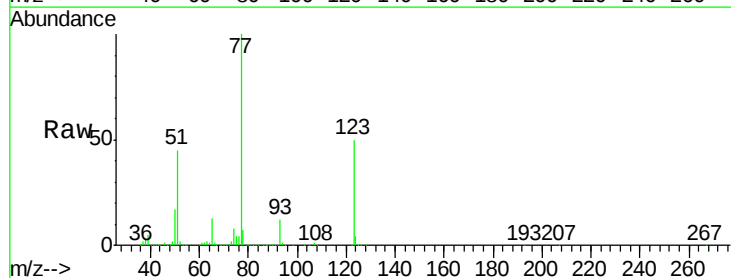
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.6  | 34.4  | 51.6  |
| 54  | 46.8  | 40.3  | 60.5  |

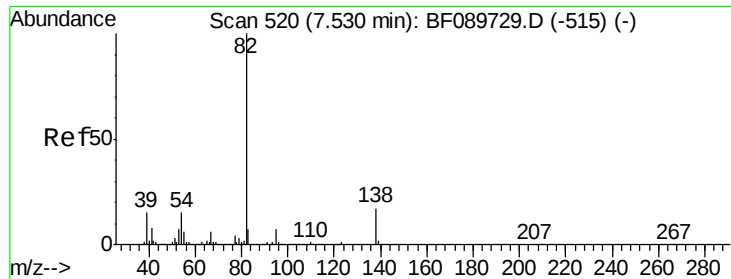


#24  
 Nitrobenzene  
 Concen: 41.79 ng  
 RT: 7.26 min Scan# 496  
 Delta R.T. -0.03 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

Tgt Ion: 77 Resp: 1306045  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 50.1  | 36.2  | 54.2  |
| 65  | 13.4  | 10.6  | 15.8  |





#25

Isophorone

Concen: 39.48 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

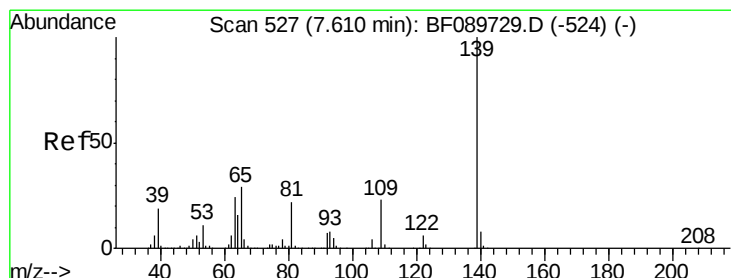
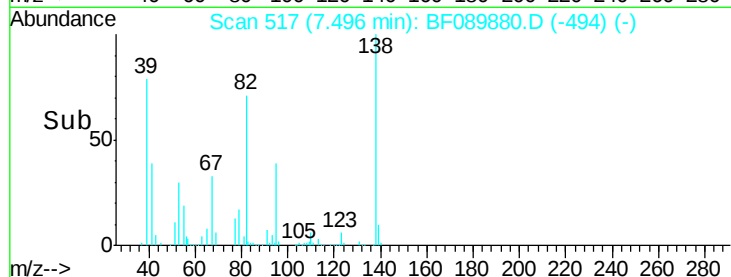
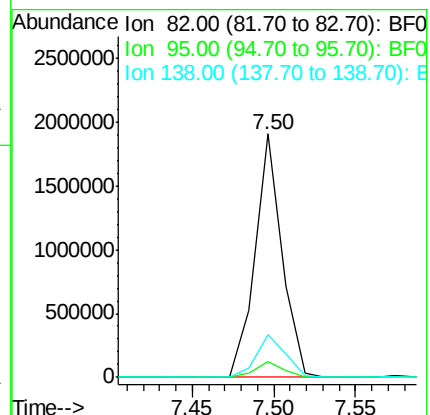
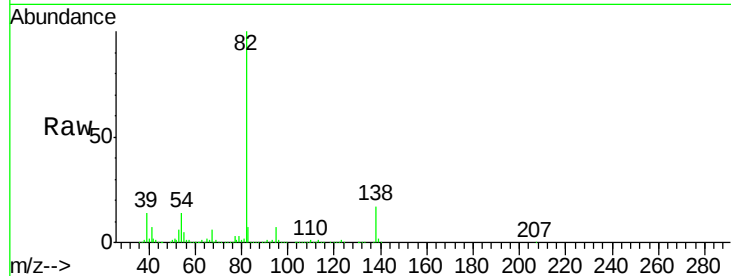
Tot Ion: 82 Resp: 2195049

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 17.3 13.0 19.4



#26

2-Nitrophenol

Concen: 46.98 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

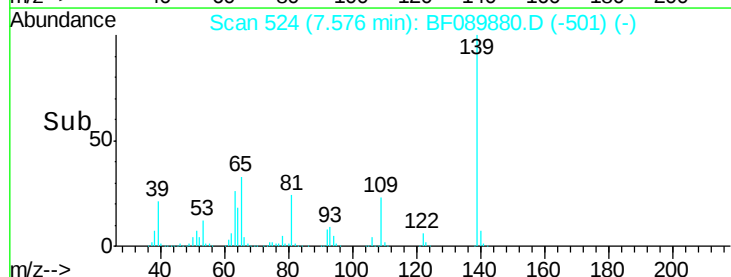
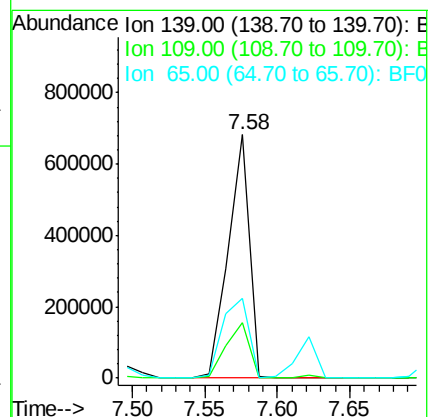
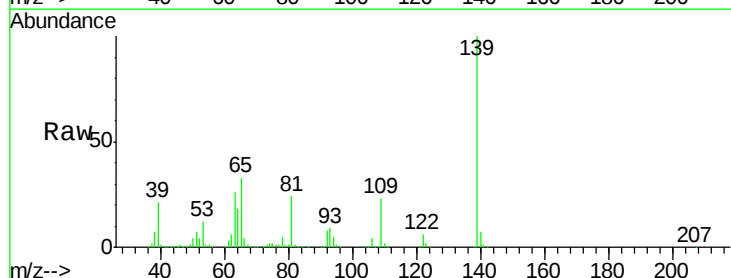
Tgt Ion: 139 Resp: 690888

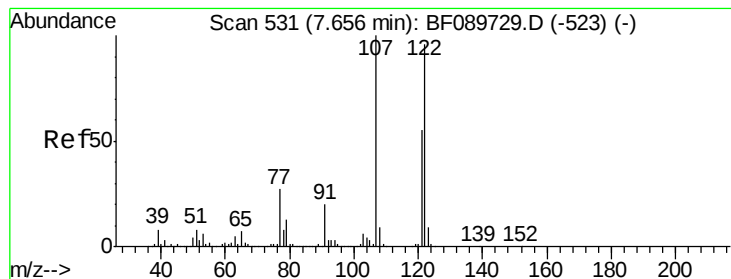
Ion Ratio Lower Upper

139 100

109 22.7 19.5 29.3

65 32.8 26.5 39.7





#27

2,4-Dimethylphenol

Concen: 43.88 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

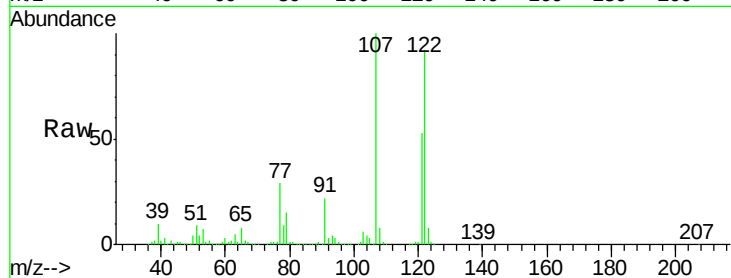
Tot Ion:122 Resp: 1223103

Ion Ratio Lower Upper

122 100

107 109.0 84.8 127.2

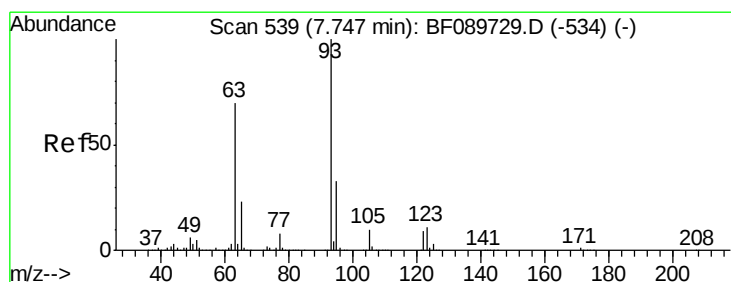
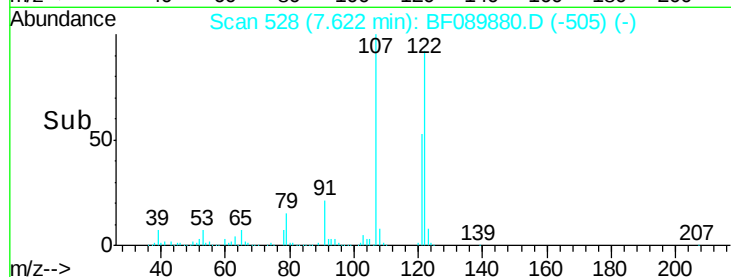
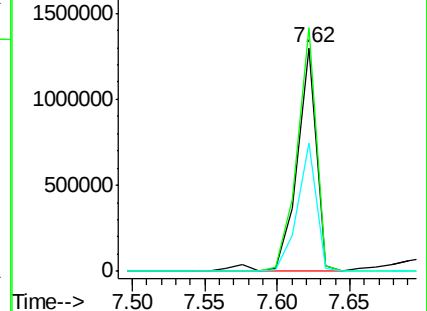
121 57.5 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.93 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

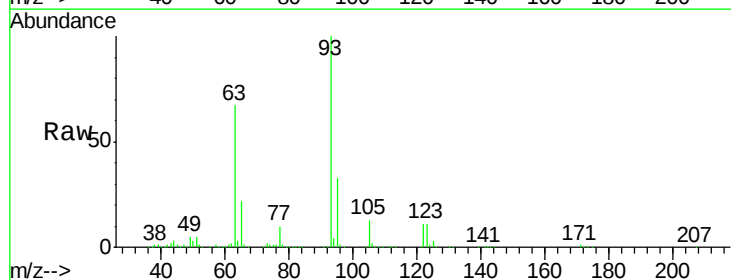
Tgt Ion: 93 Resp: 1382683

Ion Ratio Lower Upper

93 100

95 32.9 25.5 38.3

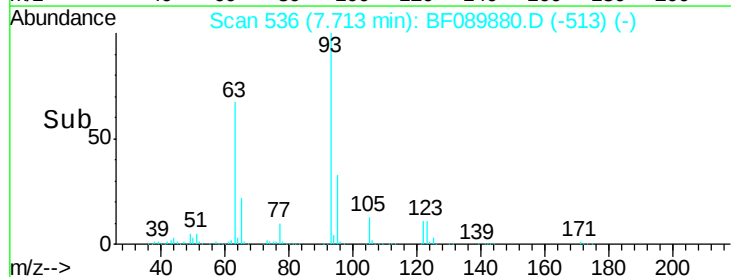
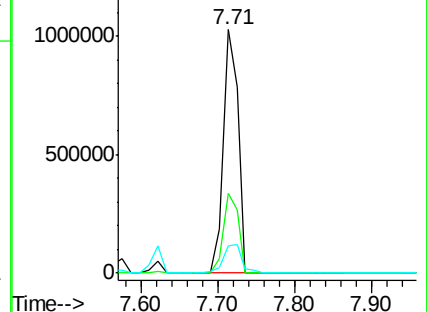
123 11.1 8.5 12.7

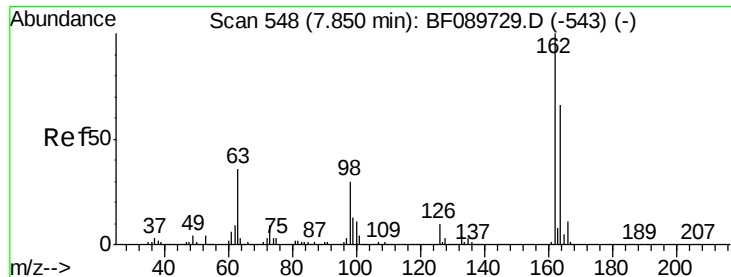


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

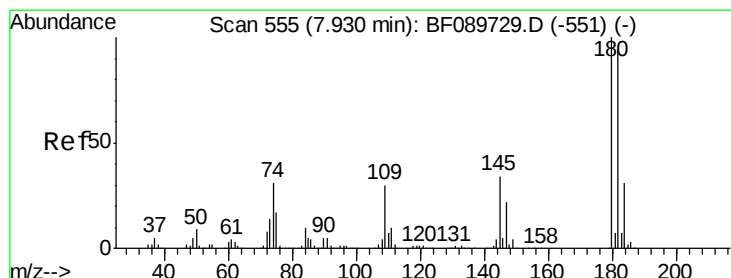
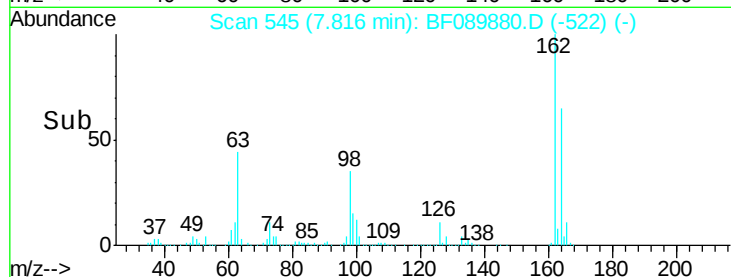
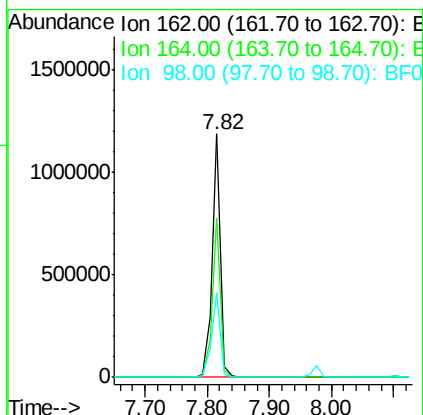
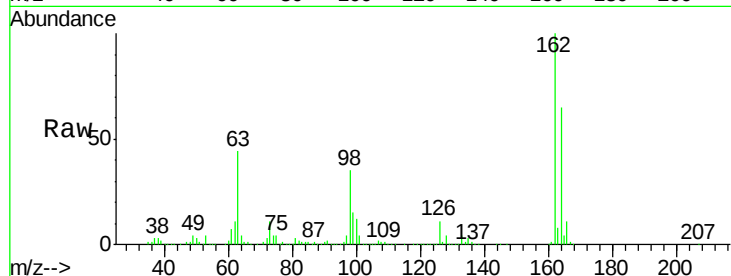




#29  
 2,4-Dichlorophenol  
 Concen: 46.36 ng  
 RT: 7.82 min Scan# 545  
 Delta R.T. -0.03 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

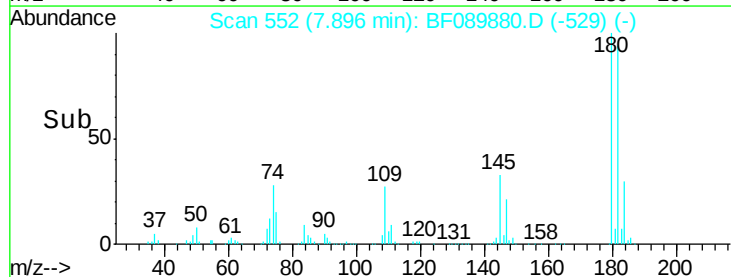
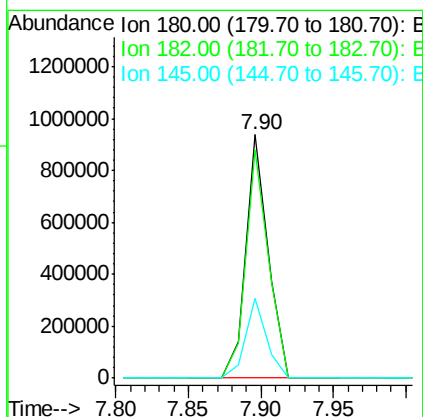
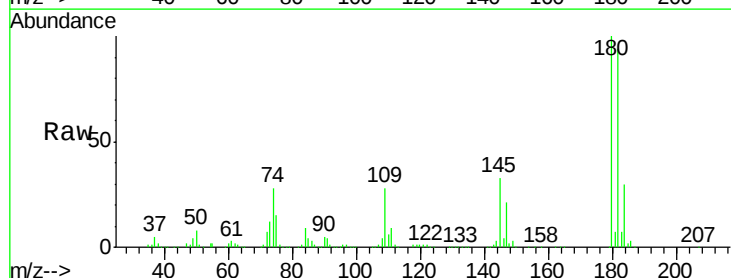
Instrument :  
 BNA\_F  
 ClientSampleId :

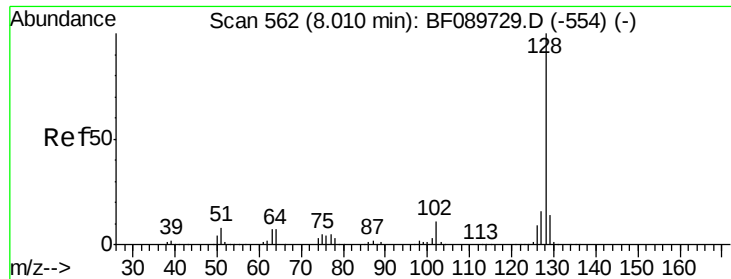
Tot Ion:162 Resp: 1075829  
 Ion Ratio Lower Upper  
 162 100  
 164 65.3 45.5 85.5  
 98 34.7 12.4 52.4



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.94 ng  
 RT: 7.90 min Scan# 552  
 Delta R.T. -0.03 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

Tgt Ion:180 Resp: 995103  
 Ion Ratio Lower Upper  
 180 100  
 182 93.8 75.5 113.3  
 145 32.7 28.7 43.1

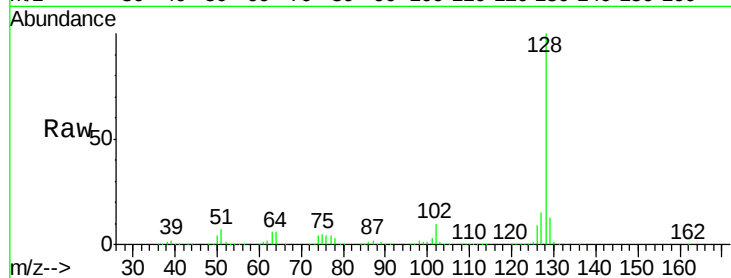




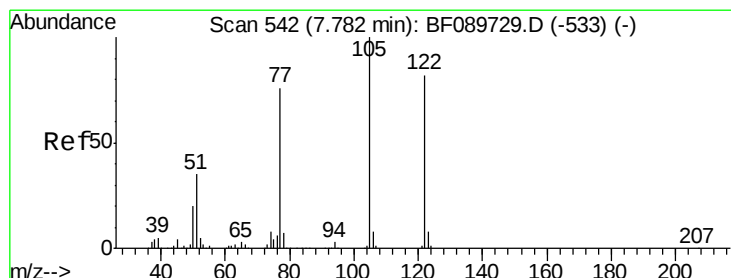
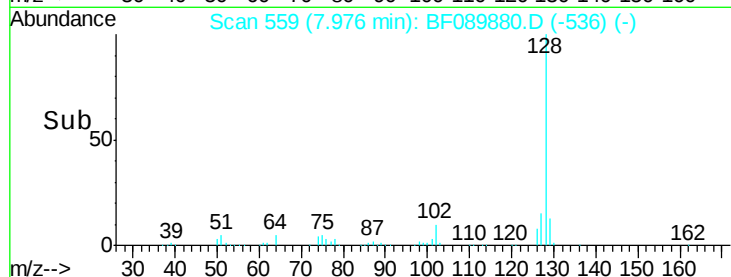
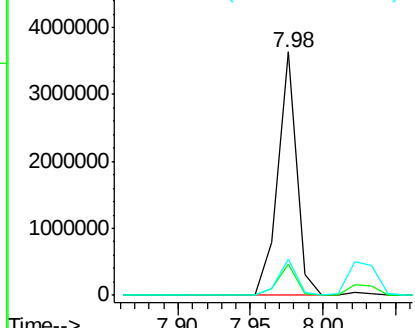
#31  
Naphthalene  
Concen: 42.80 ng  
RT: 7.98 min Scan# 559  
Delta R.T. -0.03 min  
Lab File: BF089880.D  
Acq: 24 Aug 2016 17:48

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:128 Resp: 3259156  
Ion Ratio Lower Upper  
128 100  
129 12.7 9.5 14.3  
127 14.7 11.3 16.9

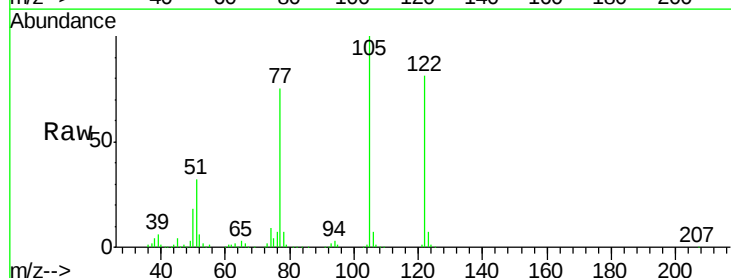


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

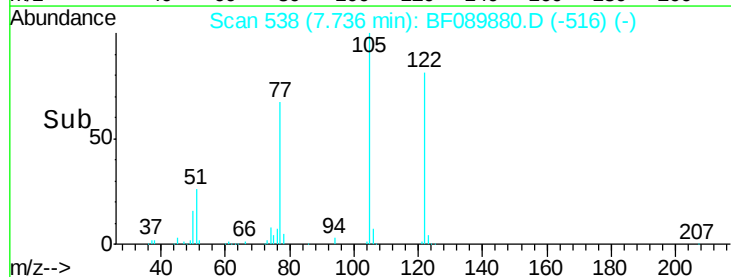
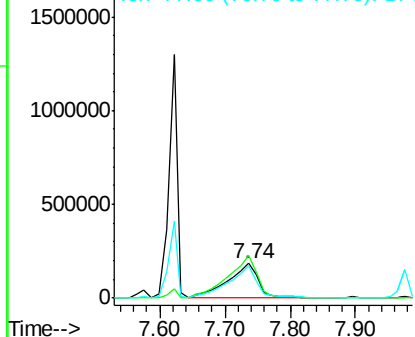


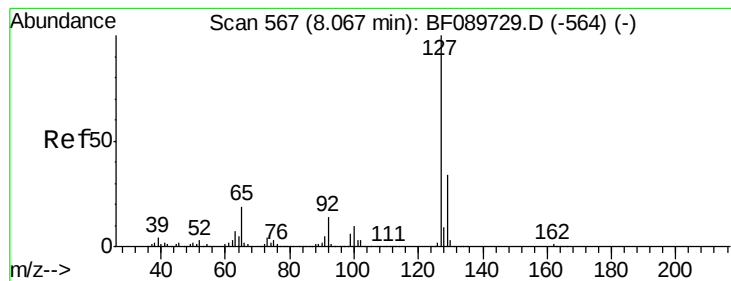
#32  
Benzoic acid  
Concen: 27.20 ng  
RT: 7.74 min Scan# 538  
Delta R.T. -0.04 min  
Lab File: BF089880.D  
Acq: 24 Aug 2016 17:48

Tgt Ion:122 Resp: 589394  
Ion Ratio Lower Upper  
122 100  
105 123.2 100.8 140.8  
77 91.9 72.1 112.1



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 20.34 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF089880.D

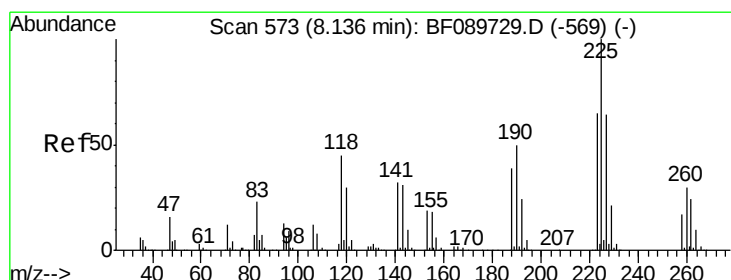
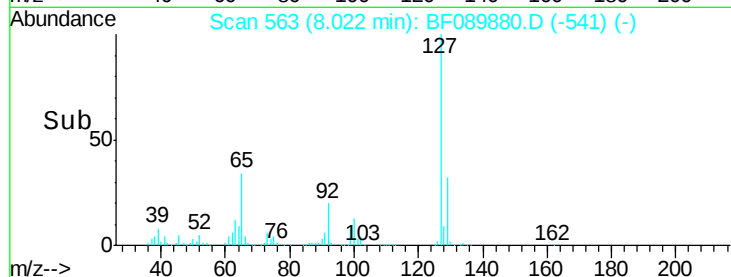
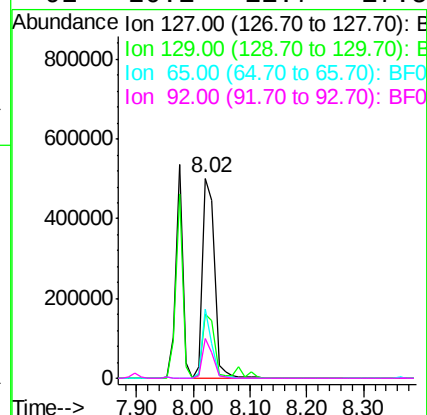
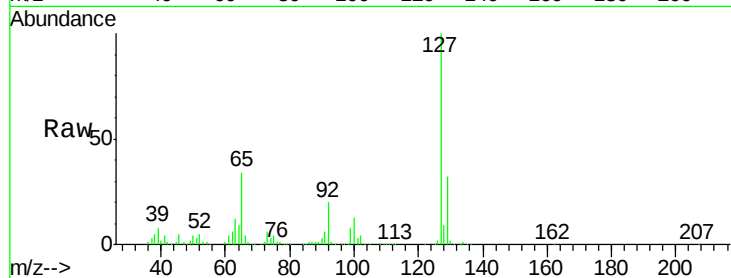
Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tot Ion:127 | Resp: | 716774     |
| Ion Ratio   | Lower | Upper      |
| 127         | 100   |            |
| 129         | 32.0  | 27.0 40.6  |
| 65          | 34.3  | 14.7 22.1# |
| 92          | 20.1  | 11.7 17.5# |



#34

Hexachlorobutadiene

Concen: 39.32 ng

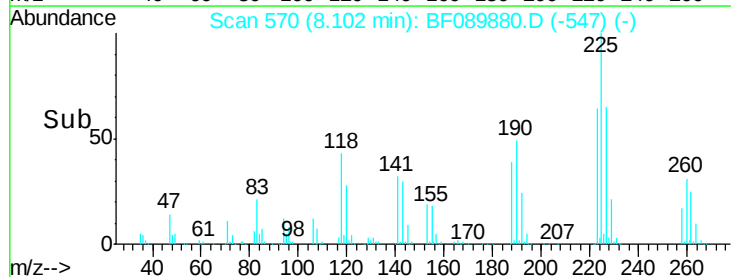
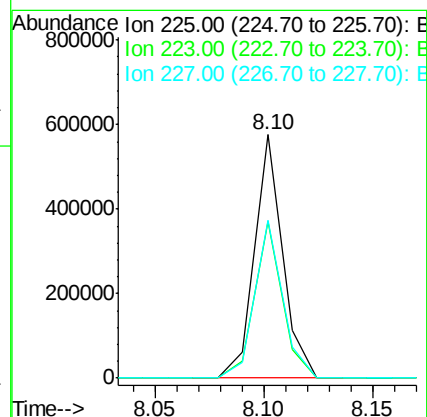
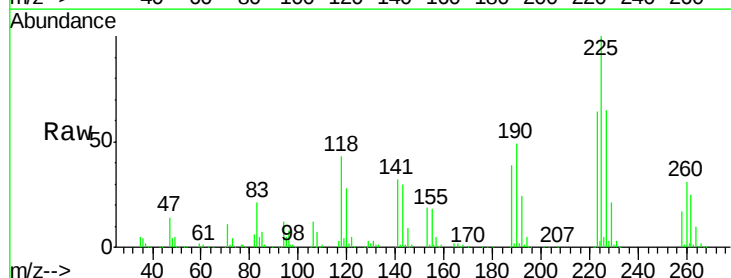
RT: 8.10 min Scan# 570

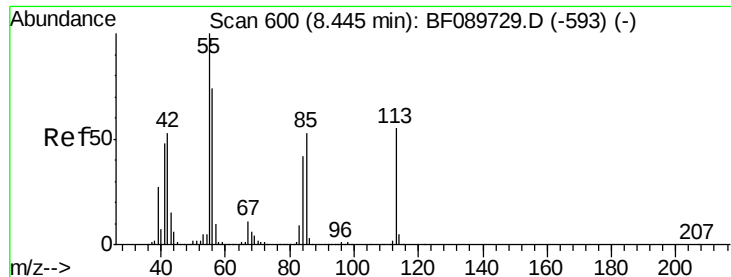
Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 514683    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 64.2  | 51.0 76.6 |
| 227         | 64.7  | 49.8 74.6 |

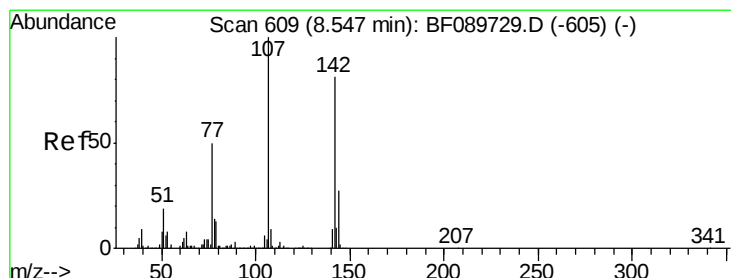
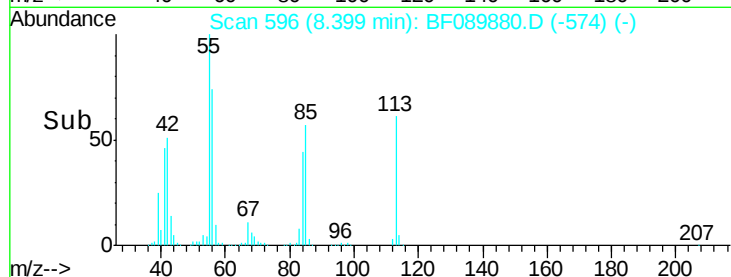
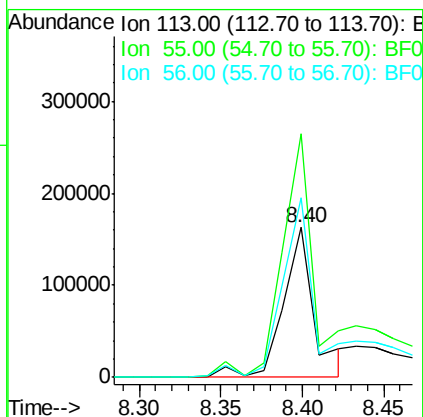
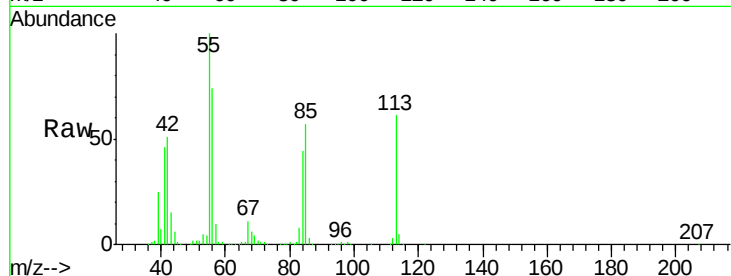




#35  
 Caprolactam  
 Concen: 29.79 ng  
 RT: 8.40 min Scan# 596  
 Delta R.T. -0.05 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

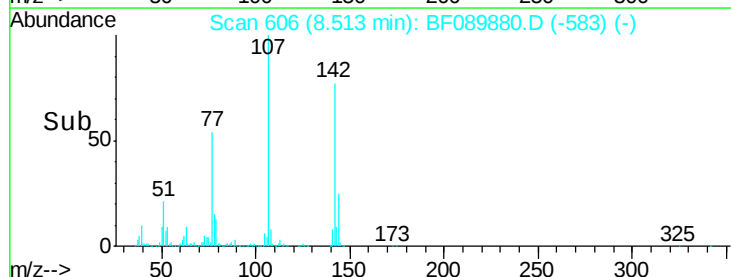
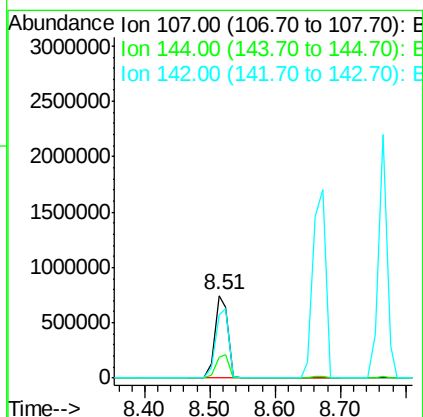
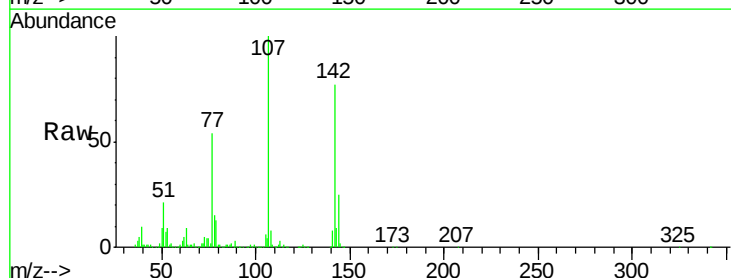
Instrument :  
 BNA\_F  
 ClientSampleId :

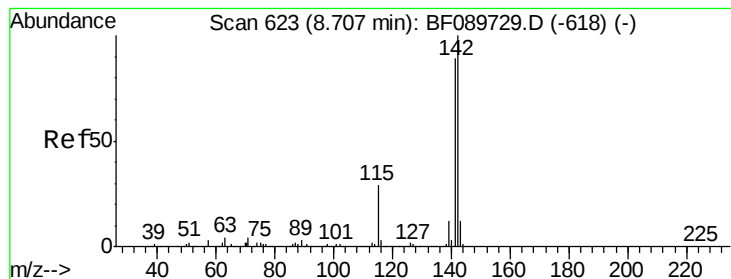
Tot Ion:113 Resp: 213056  
 Ion Ratio Lower Upper  
 113 100  
 55 162.8 135.9 175.9  
 56 120.2 93.9 133.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.17 ng  
 RT: 8.51 min Scan# 606  
 Delta R.T. -0.03 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

Tgt Ion:107 Resp: 1065541  
 Ion Ratio Lower Upper  
 107 100  
 144 25.1 22.6 34.0  
 142 76.9 69.3 103.9





#37

2-Methylnaphthalene

Concen: 43.92 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampled :

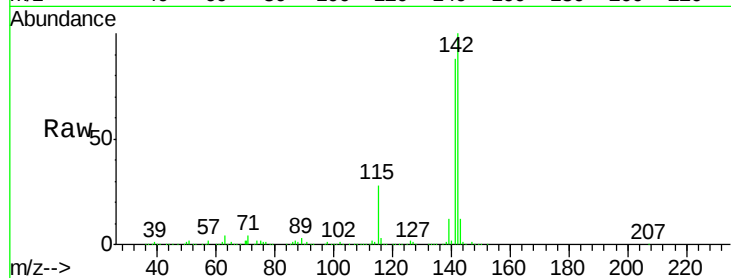
Tot Ion:142 Resp: 2276676

Ion Ratio Lower Upper

142 100

141 88.4 71.4 107.2

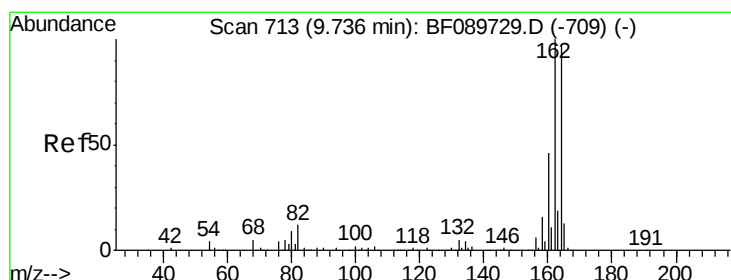
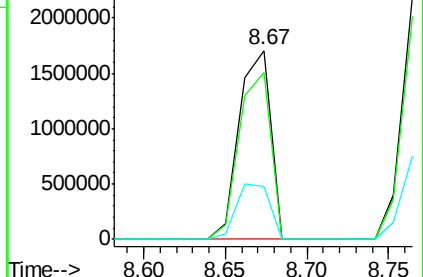
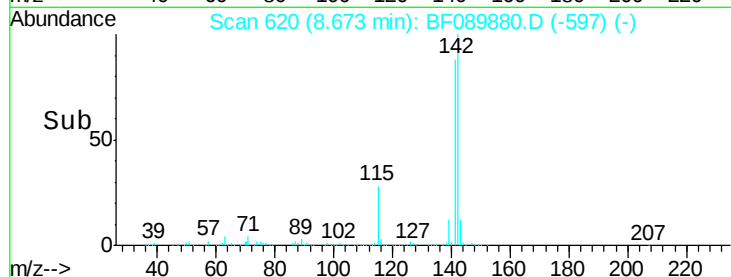
115 28.3 22.7 34.1



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: 9.70 min Scan# 710

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

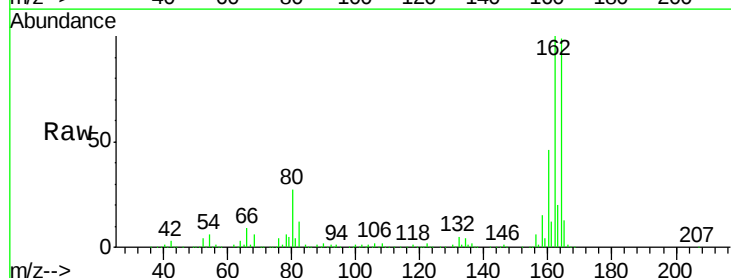
Tgt Ion:164 Resp: 764868

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.2

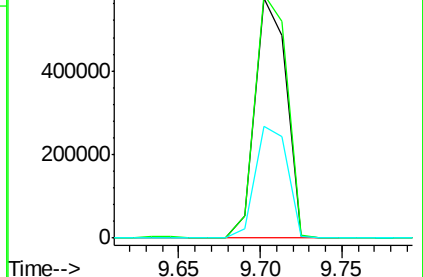
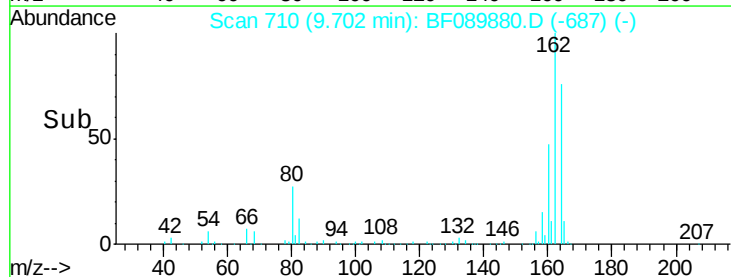
160 46.8 37.8 56.6

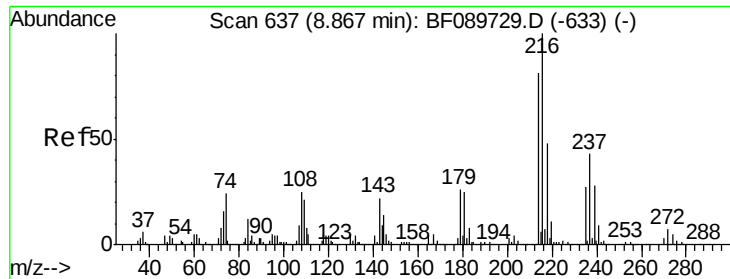


Abundance Ion 164.00 (163.70 to 164.70): E

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: 29.09 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF089880.D

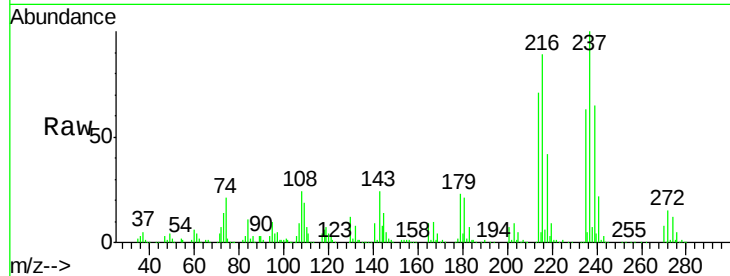
Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampled :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 715287    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 78.5  | 63.5 95.3 |
| 179         | 22.6  | 19.9 29.9 |
| 108         | 24.6  | 19.9 29.9 |

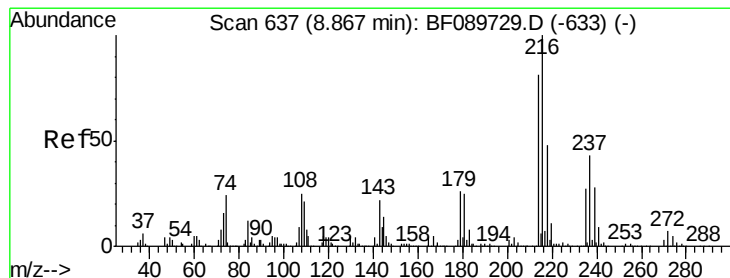
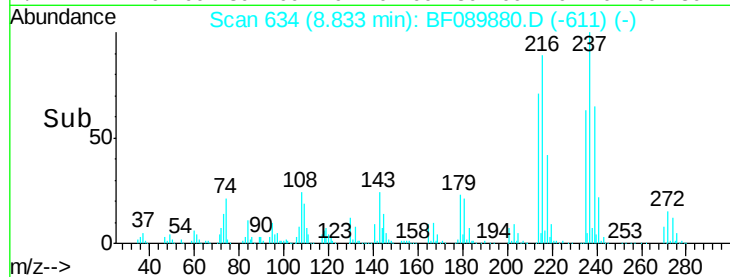
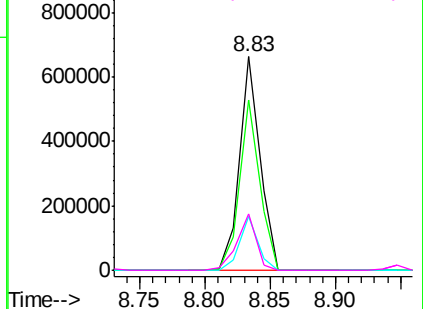


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 84.27 ng

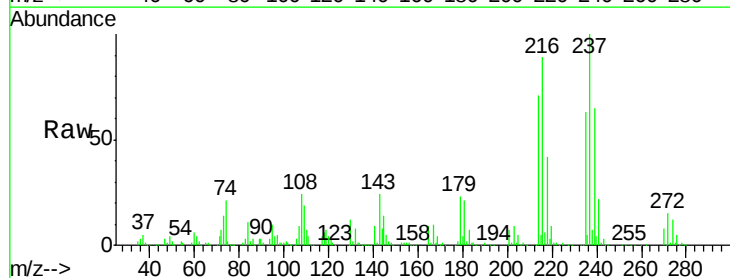
RT: 8.83 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

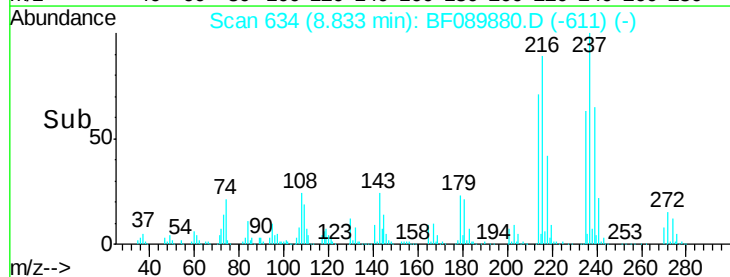
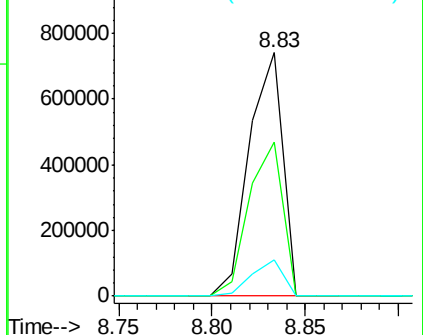
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 923477    |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 63.1  | 43.7 83.7 |
| 272         | 15.1  | 0.0 31.6  |

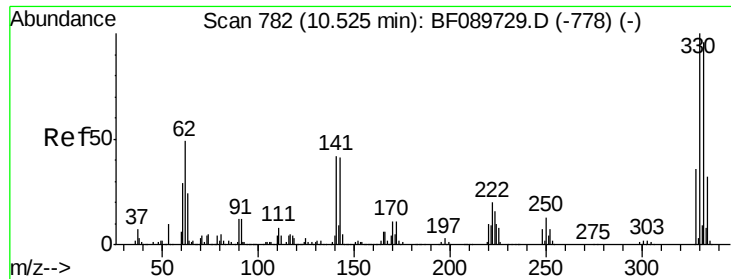


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

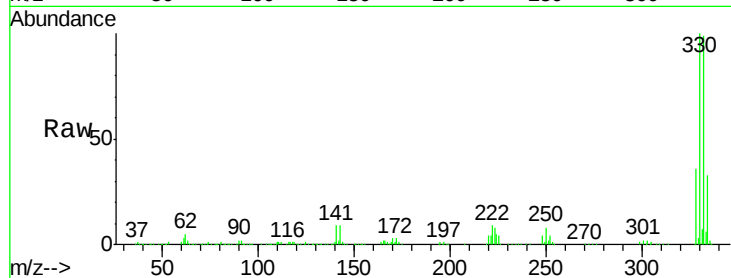




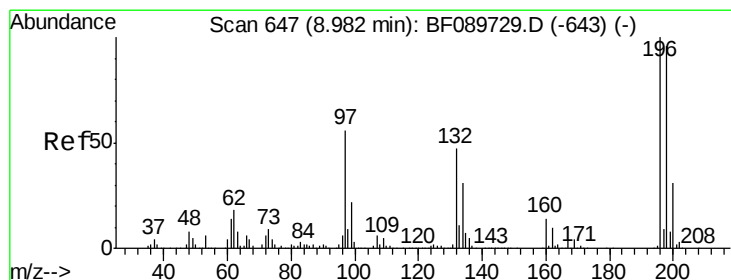
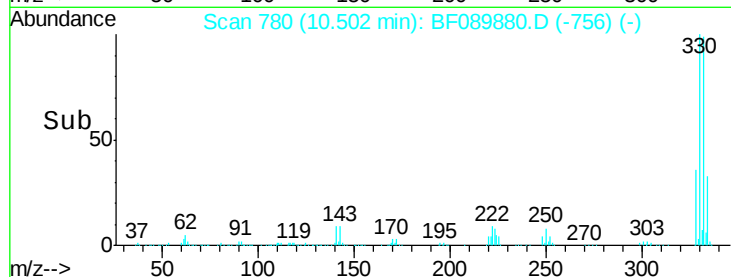
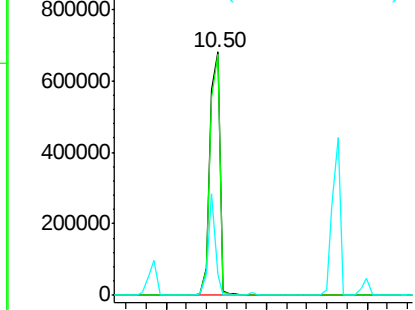
#41  
 2,4,6-Tribromophenol  
 Concen: 126.73 ng  
 RT: 10.50 min Scan# 780  
 Delta R.T. -0.02 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:330 Resp: 937712  
 Ion Ratio Lower Upper  
 330 100  
 332 97.6 76.7 115.1  
 141 30.2 30.2 45.2

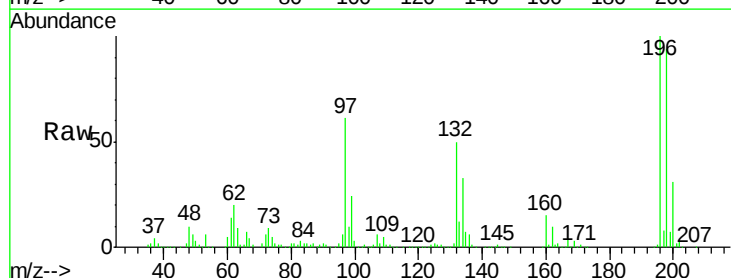


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

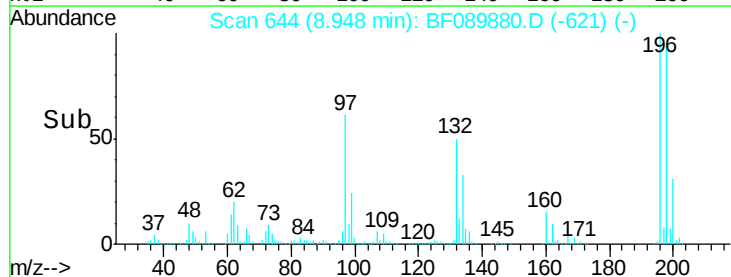
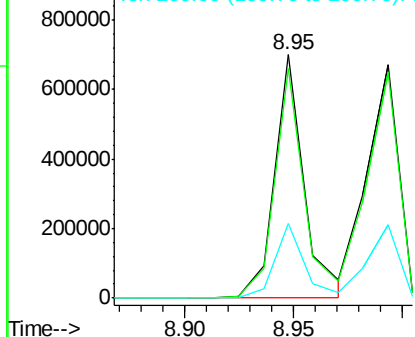


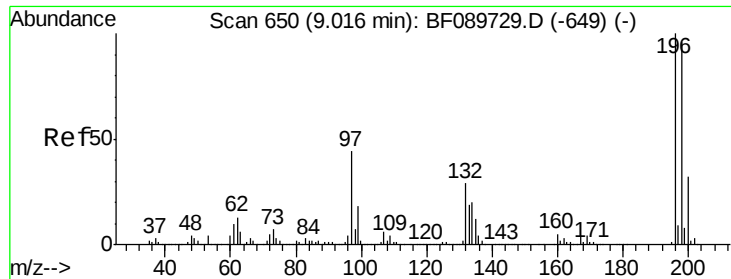
#42  
 2,4,6-Trichlorophenol  
 Concen: 42.15 ng  
 RT: 8.95 min Scan# 644  
 Delta R.T. -0.03 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

Tgt Ion:196 Resp: 669486  
 Ion Ratio Lower Upper  
 196 100  
 198 94.5 76.3 114.5  
 200 30.6 24.6 36.8



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

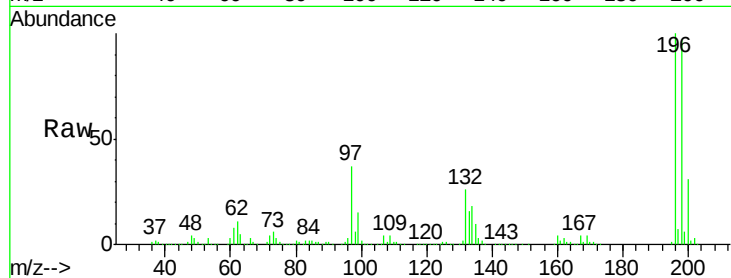




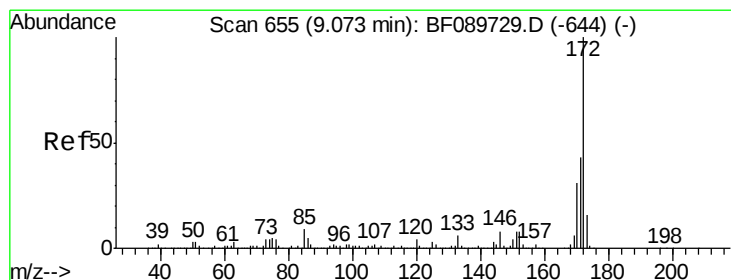
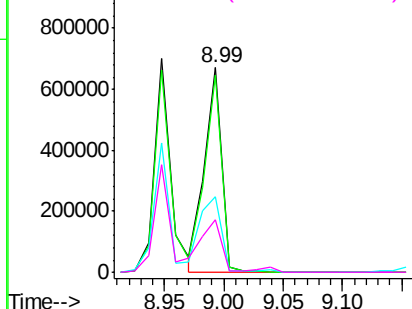
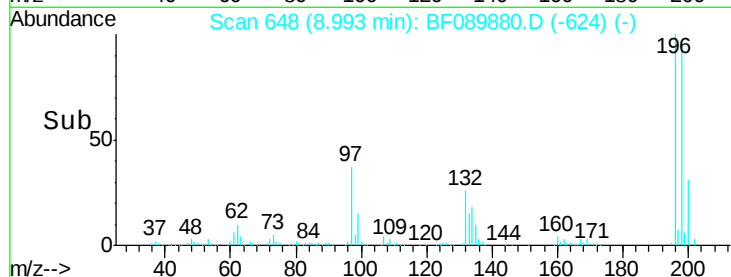
#43  
 2,4,5-Trichlorophenol  
 Concen: 44.98 ng  
 RT: 8.99 min Scan# 648  
 Delta R.T. -0.02 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:196 Resp: 681228  
 Ion Ratio Lower Upper  
 196 100  
 198 96.8 76.6 114.8  
 97 36.9 35.8 53.8  
 132 25.9 23.5 35.3

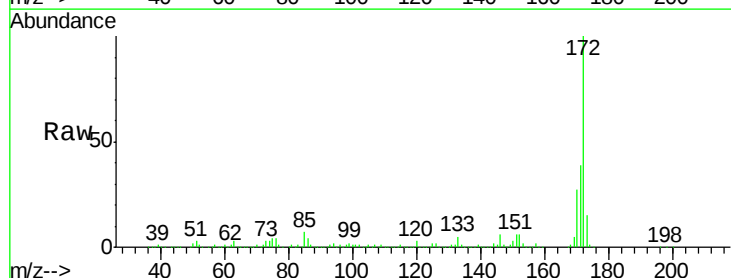


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

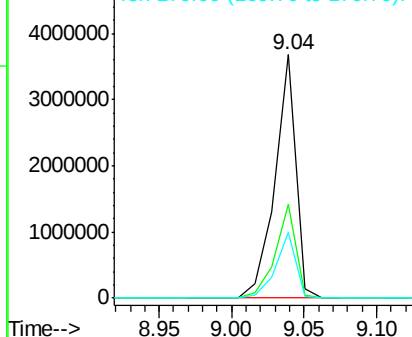
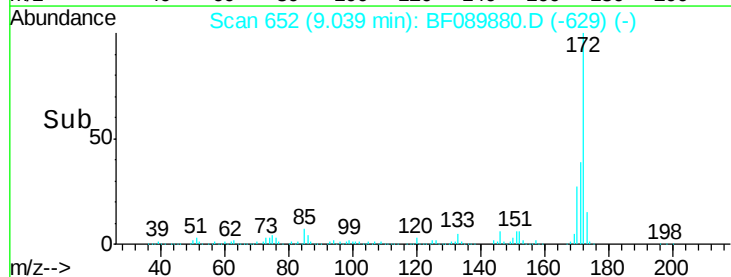


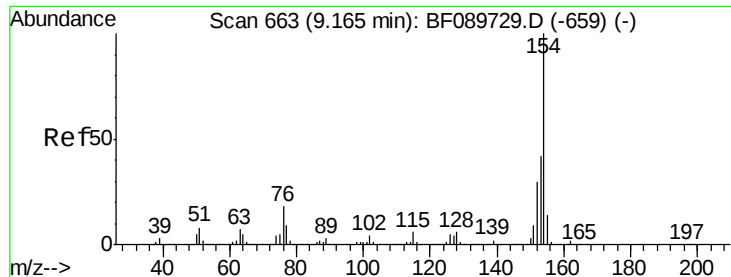
#44  
 2-Fluorobiphenyl  
 Concen: 76.84 ng  
 RT: 9.04 min Scan# 652  
 Delta R.T. -0.03 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

Tgt Ion:172 Resp: 3662703  
 Ion Ratio Lower Upper  
 172 100  
 171 38.6 30.5 45.7  
 170 26.9 20.6 31.0



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

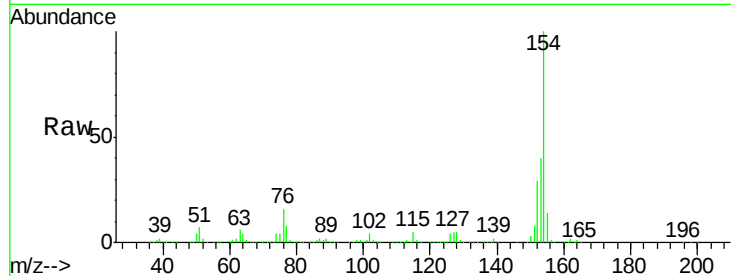




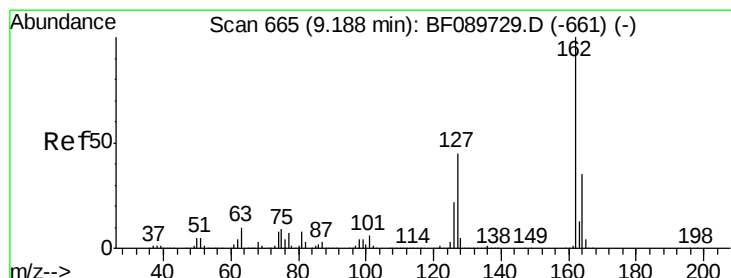
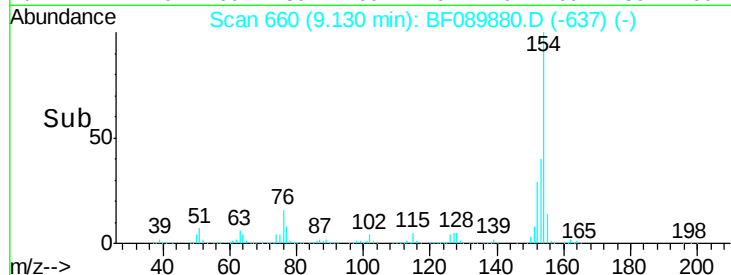
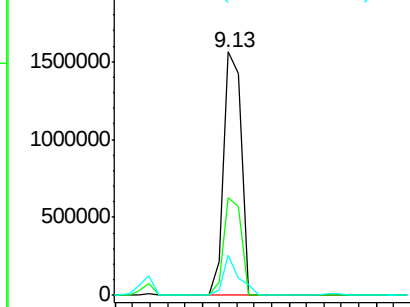
#45  
 1,1'-Biphenyl  
 Concen: 34.78 ng  
 RT: 9.13 min Scan# 660  
 Delta R.T. -0.03 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:154 Resp: 2202914  
 Ion Ratio Lower Upper  
 154 100  
 153 40.3 21.5 61.5  
 76 16.5 0.0 36.7

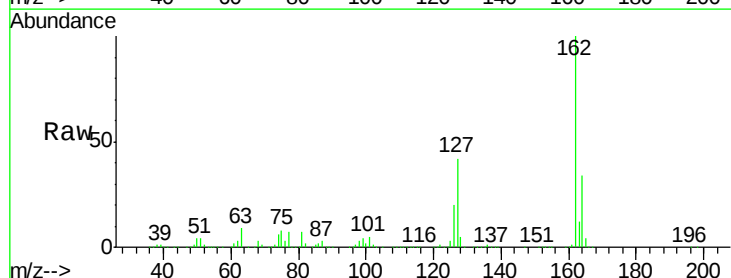


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

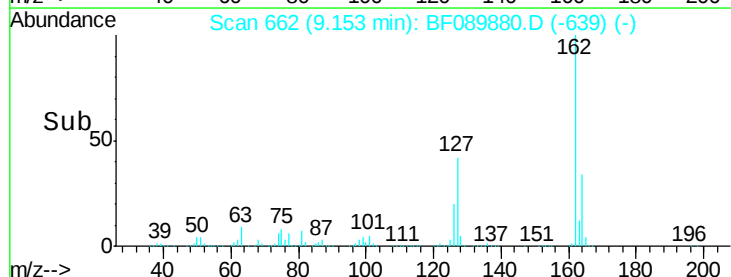
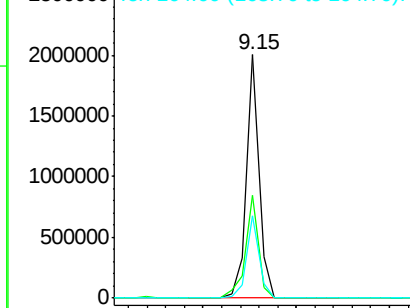


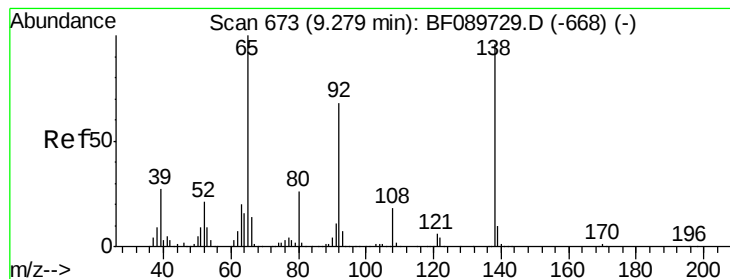
#46  
 2-Chloronaphthalene  
 Concen: 39.33 ng  
 RT: 9.15 min Scan# 662  
 Delta R.T. -0.03 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

Tgt Ion:162 Resp: 1866869  
 Ion Ratio Lower Upper  
 162 100  
 127 42.1 35.5 53.3  
 164 34.0 26.6 40.0



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





#47

2-Nitroaniline

Concen: 43.18 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

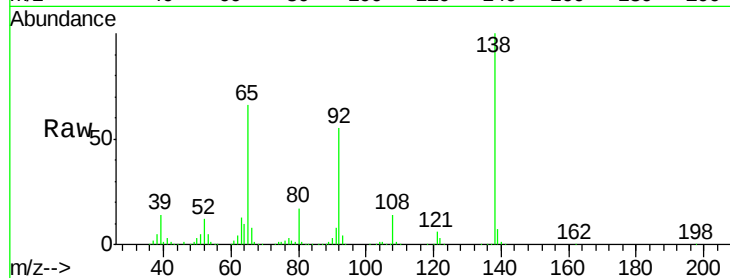
Tot Ion: 65 Resp: 624577

Ion Ratio Lower Upper

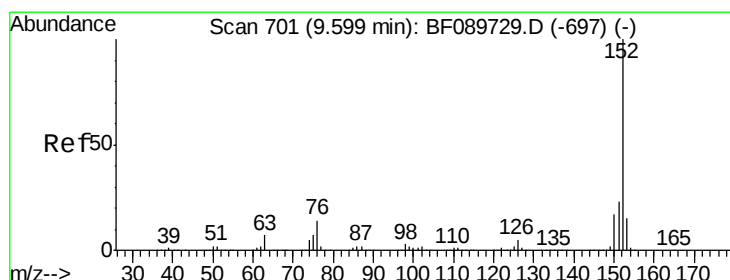
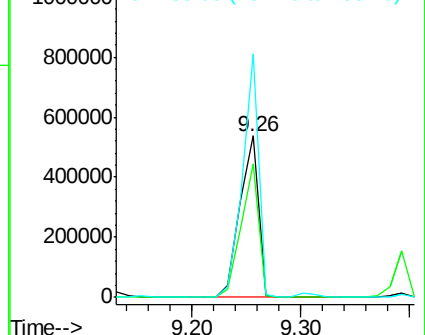
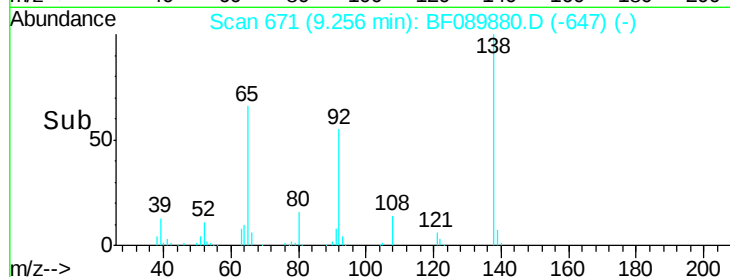
65 100

92 82.3 56.3 84.5

138 150.7 81.8 122.8#



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



#48

Acenaphthylene

Concen: 40.07 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

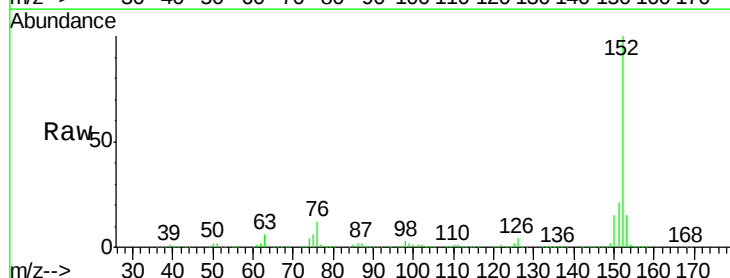
Tgt Ion:152 Resp: 2928314

Ion Ratio Lower Upper

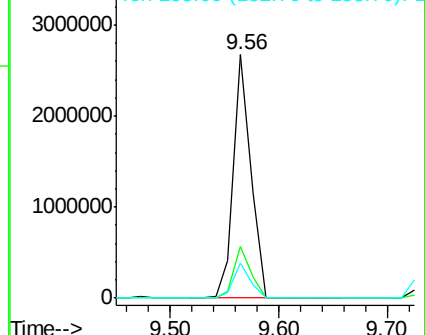
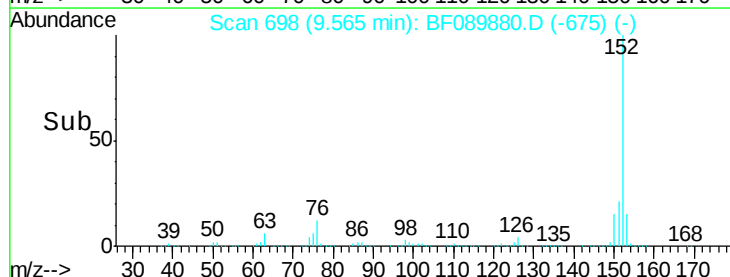
152 100

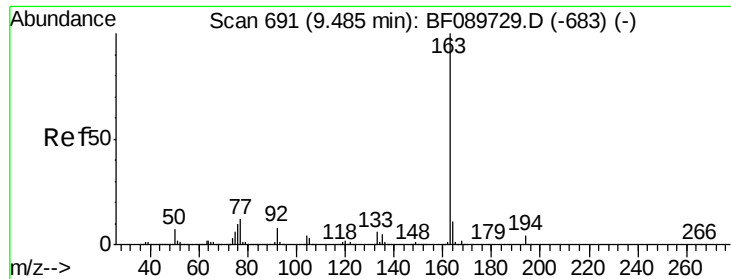
151 21.4 17.1 25.7

153 14.5 11.2 16.8



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

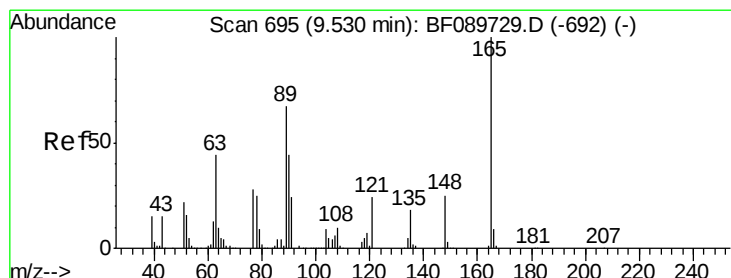
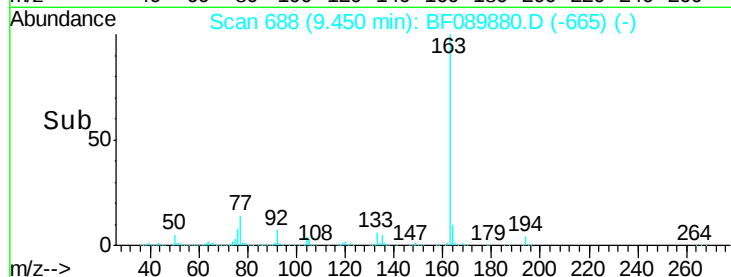
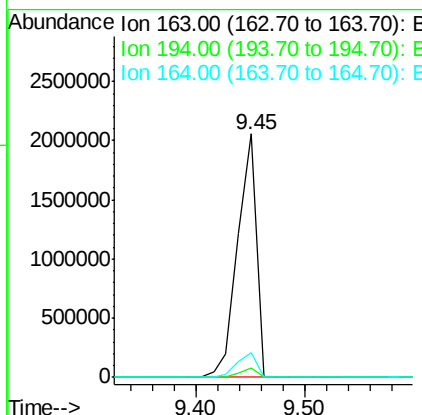
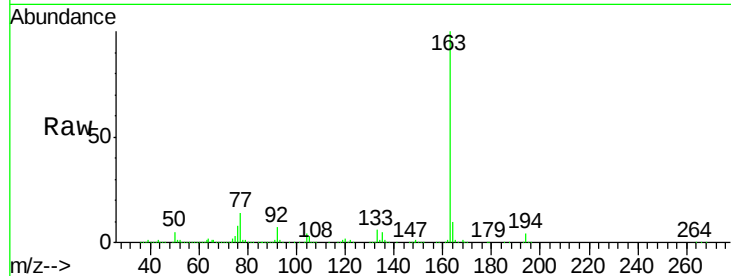




#49  
Dimethylphthalate  
Concen: 43.73 ng  
RT: 9.45 min Scan# 688  
Delta R.T. -0.03 min  
Lab File: BF089880.D  
Acq: 24 Aug 2016 17:48

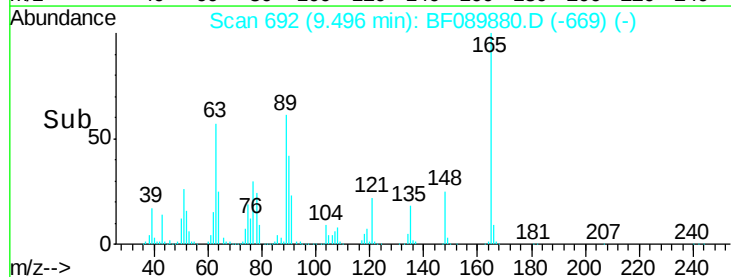
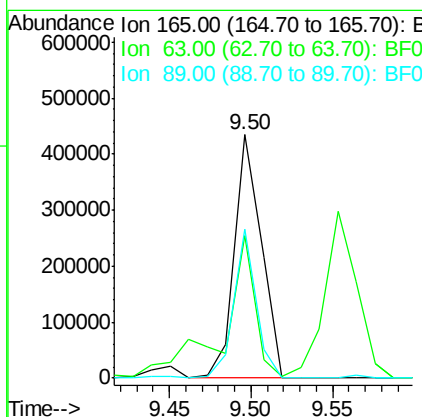
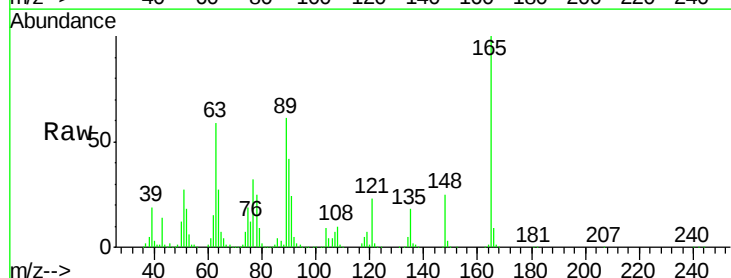
Instrument :  
BNA\_F  
ClientSampled :

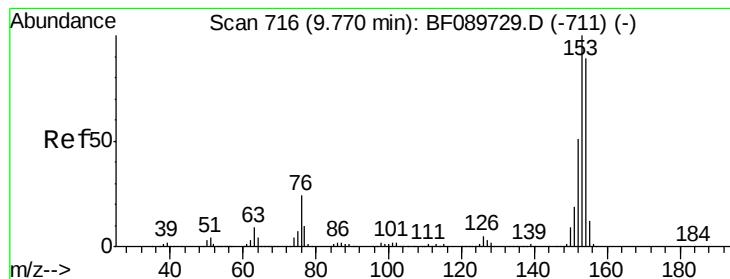
Tot Ion:163 Resp: 2419926  
Ion Ratio Lower Upper  
163 100  
194 3.9 2.6 3.8#  
164 10.3 8.6 12.8



#50  
2,6-Dinitrotoluene  
Concen: 39.23 ng  
RT: 9.50 min Scan# 692  
Delta R.T. -0.03 min  
Lab File: BF089880.D  
Acq: 24 Aug 2016 17:48

Tgt Ion:165 Resp: 491458  
Ion Ratio Lower Upper  
165 100  
63 58.8 41.7 62.5  
89 61.4 44.6 67.0





#51

Acenaphthene

Concen: 43.79 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

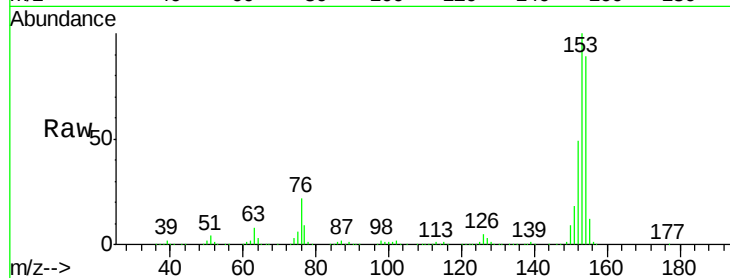
Tot Ion:154 Resp: 2159337

Ion Ratio Lower Upper

154 100

153 112.4 90.5 135.7

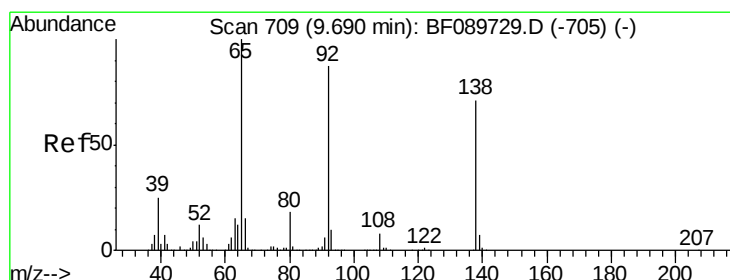
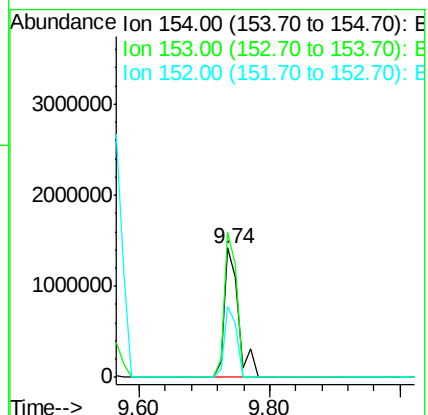
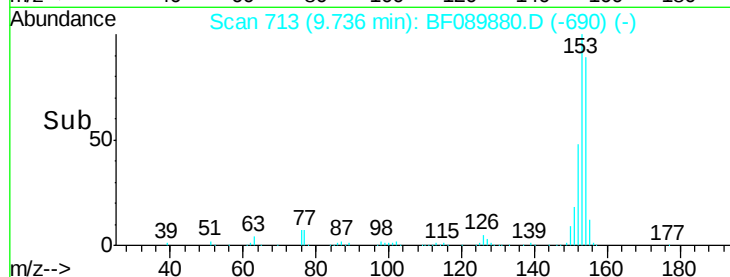
152 54.5 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.76 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

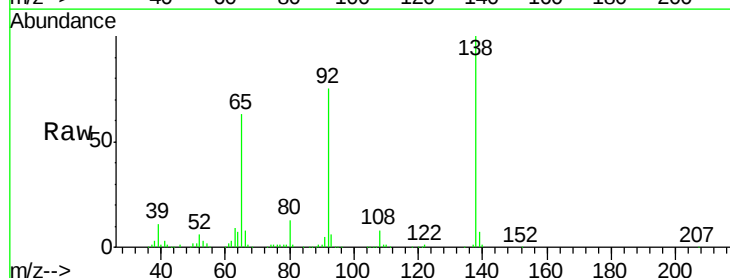
Tgt Ion:138 Resp: 433354

Ion Ratio Lower Upper

138 100

108 7.5 8.1 12.1#

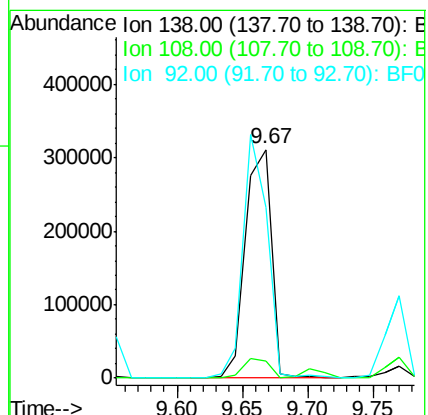
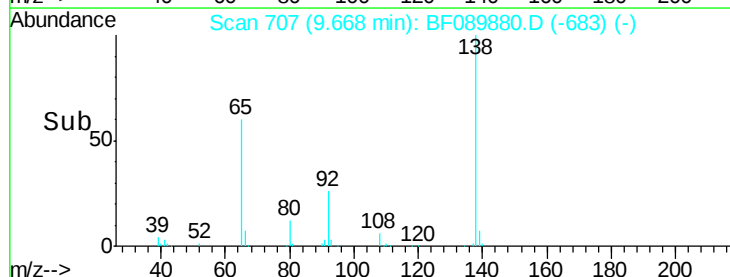
92 74.5 92.7 139.1#

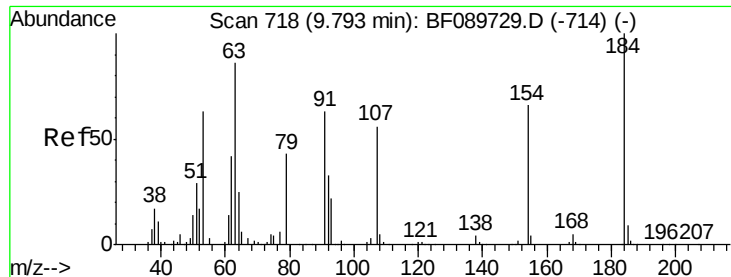


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

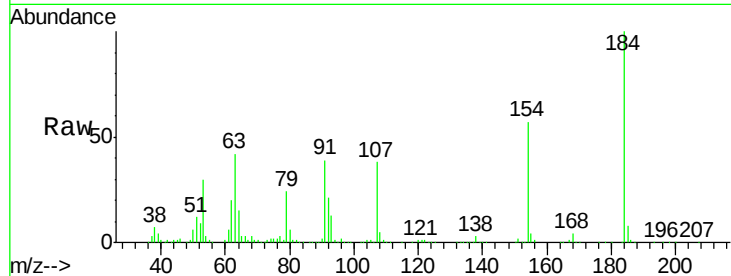




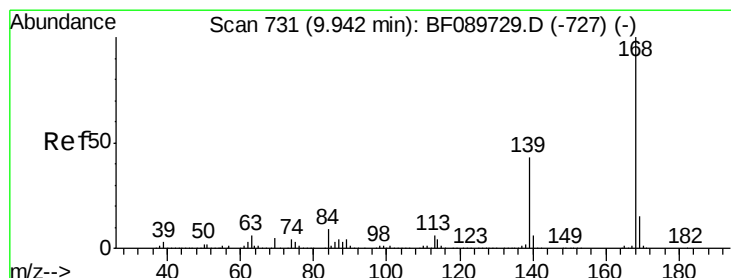
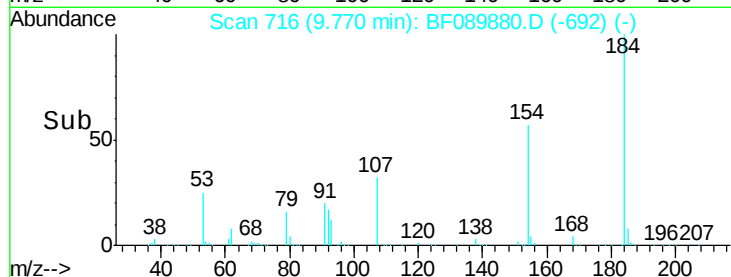
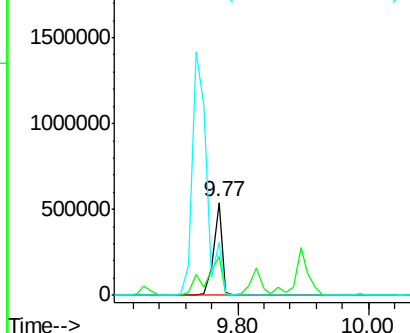
#53  
2,4-Dinitrophenol  
Concen: 91.46 ng  
RT: 9.77 min Scan# 716  
Delta R.T. -0.02 min  
Lab File: BF089880.D  
Acq: 24 Aug 2016 17:48

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:184 Resp: 513156  
Ion Ratio Lower Upper  
184 100  
63 41.9 54.2 81.4#  
154 56.6 52.7 79.1

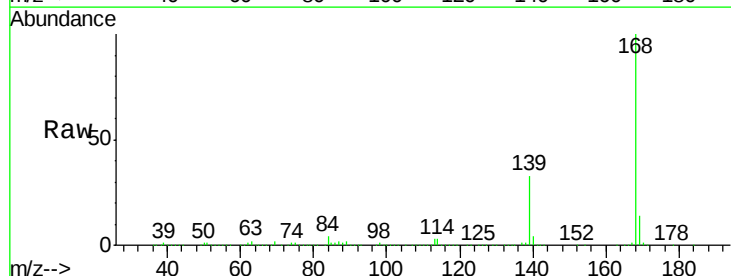


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

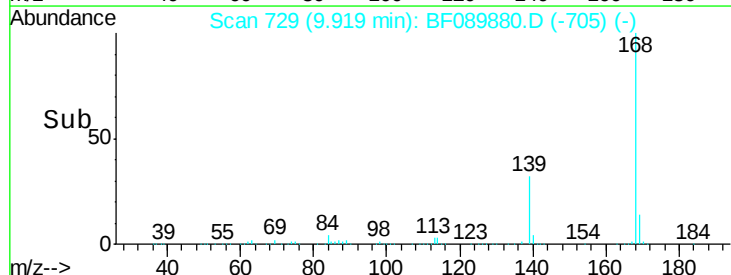
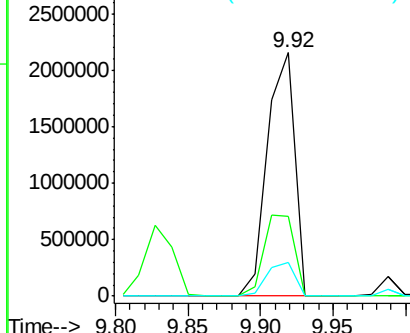


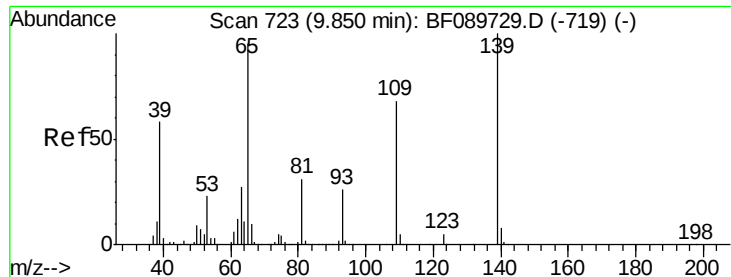
#54  
Dibenzofuran  
Concen: 46.40 ng  
RT: 9.92 min Scan# 729  
Delta R.T. -0.02 min  
Lab File: BF089880.D  
Acq: 24 Aug 2016 17:48

Tgt Ion:168 Resp: 2815344  
Ion Ratio Lower Upper  
168 100  
139 32.6 34.6 52.0#  
169 13.6 11.5 17.3



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: 79.04 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

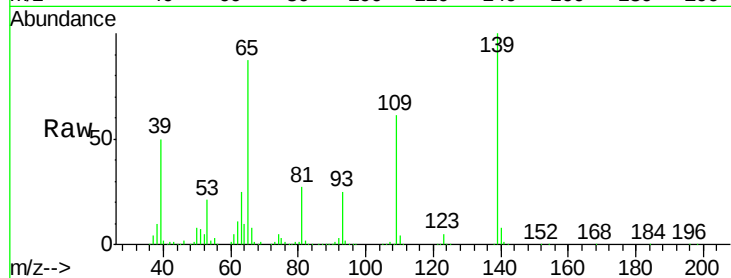
Tot Ion:139 Resp: 885580

Ion Ratio Lower Upper

139 100

109 61.0 43.0 83.0

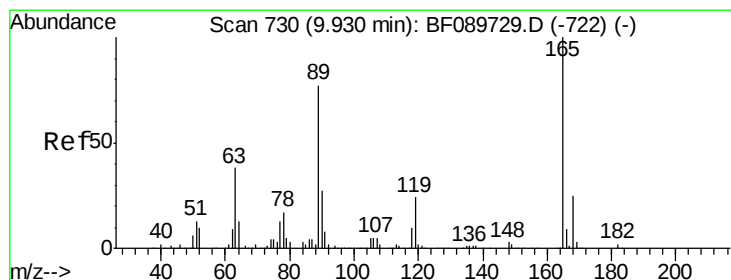
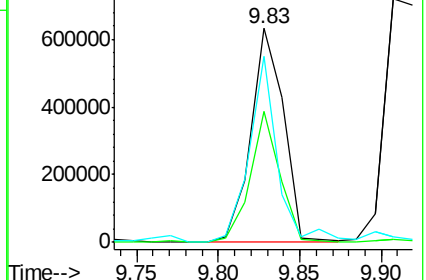
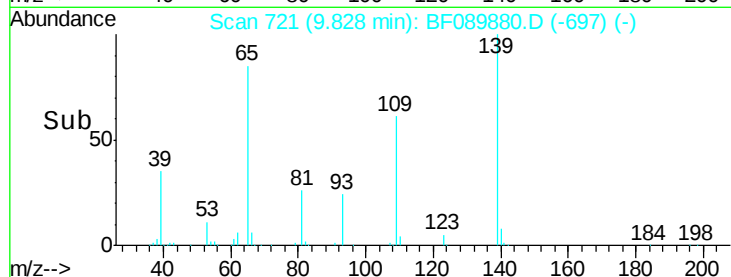
65 87.3 55.7 95.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.40 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion:165 Resp: 650457

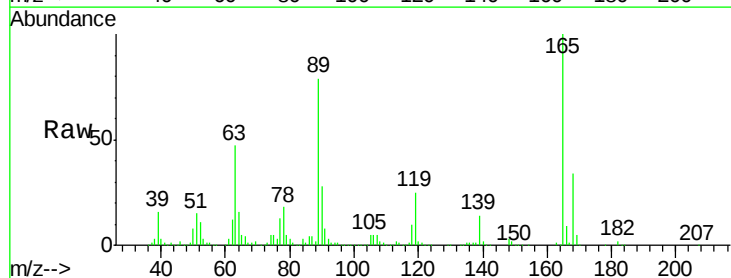
Ion Ratio Lower Upper

165 100

63 46.6 23.7 35.5#

89 78.7 44.0 66.0#

182 2.1 2.0 3.0

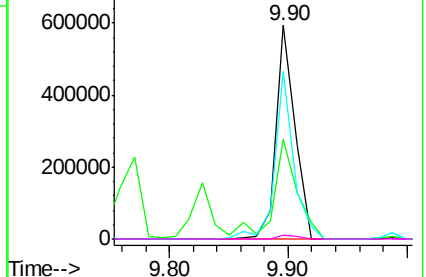
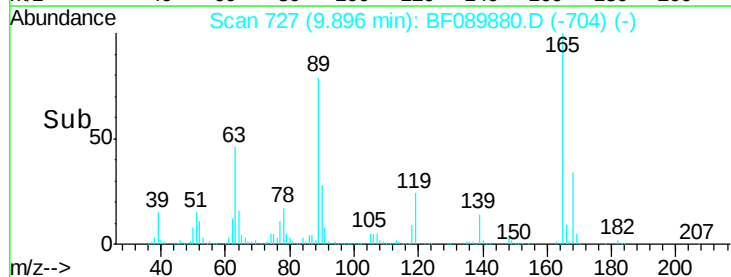


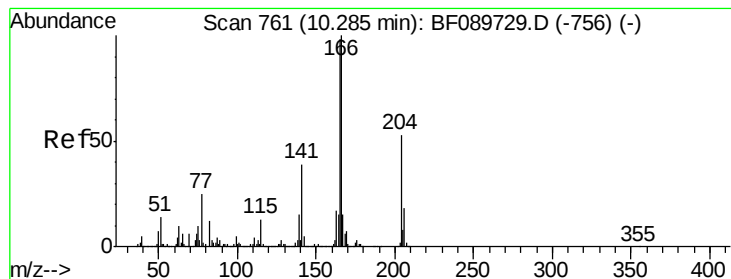
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.23 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampled :

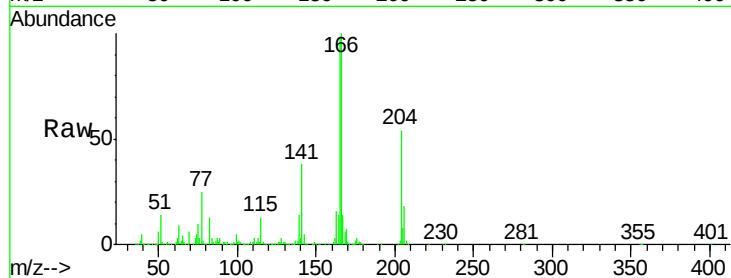
Tot Ion:166 Resp: 1874098

Ion Ratio Lower Upper

166 100

165 98.5 80.2 120.4

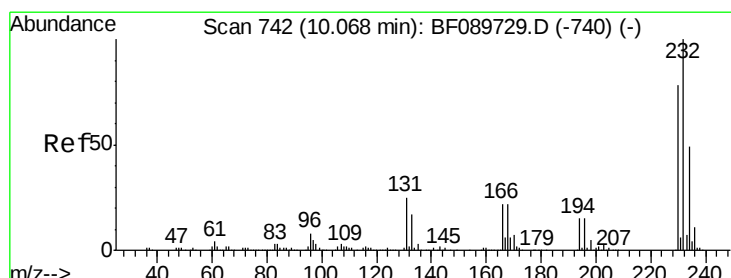
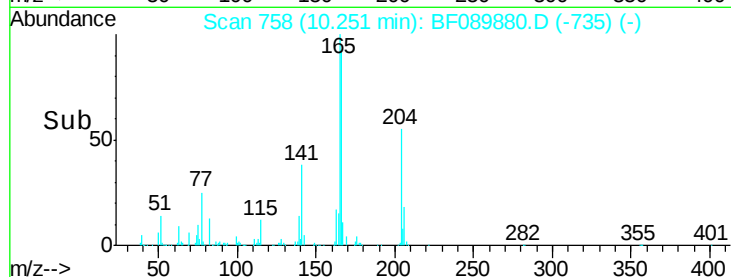
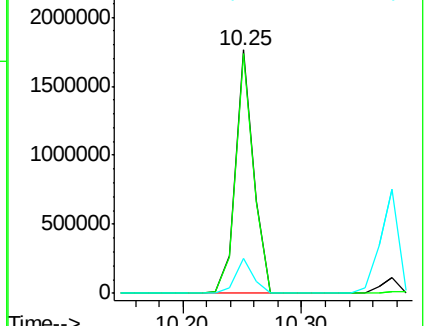
167 14.2 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.17 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion:232 Resp: 569753

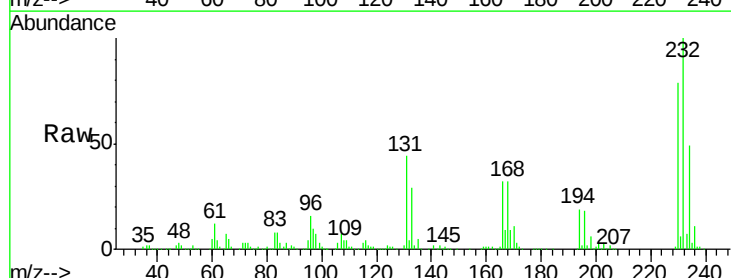
Ion Ratio Lower Upper

232 100

131 49.6 42.5 63.7

130 2.3 2.2 3.4

166 34.0 27.3 40.9

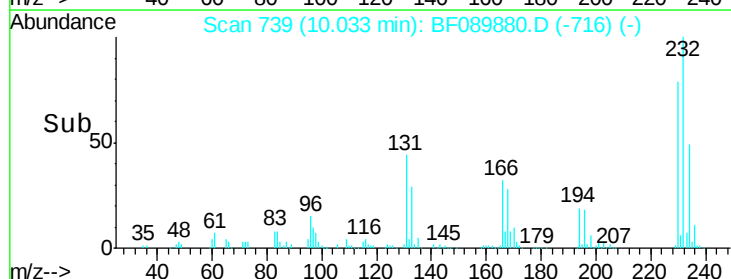
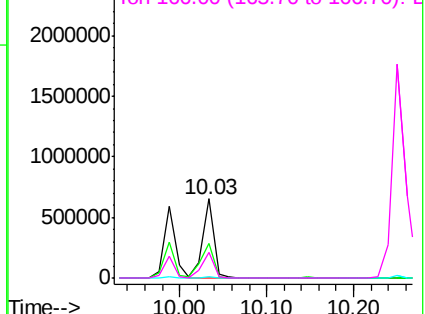


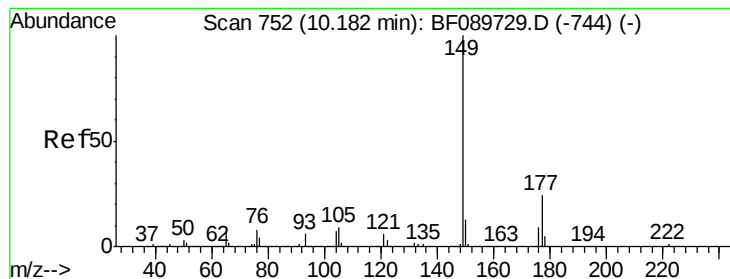
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.74 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

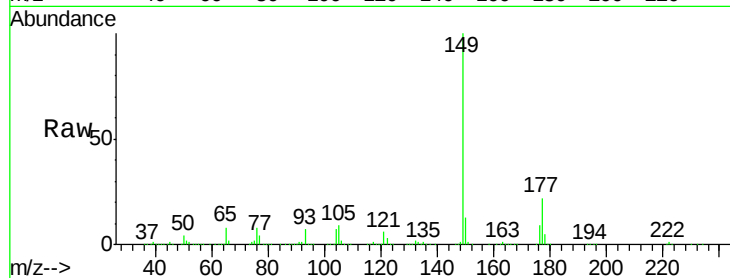
Tot Ion:149 Resp: 2398445

Ion Ratio Lower Upper

149 100

177 22.3 16.6 25.0

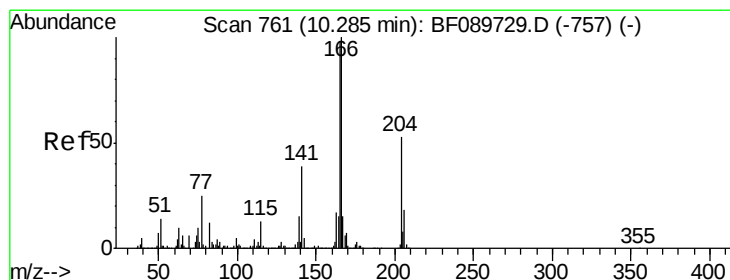
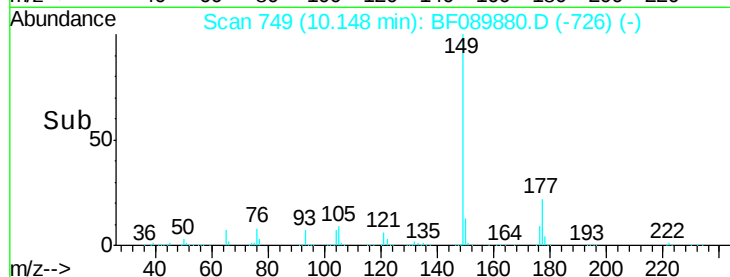
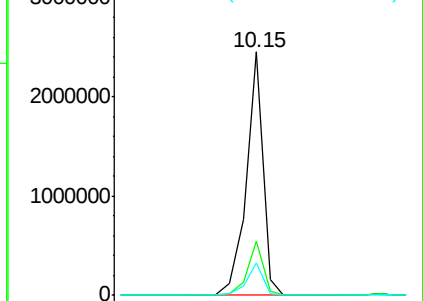
150 13.1 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.89 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

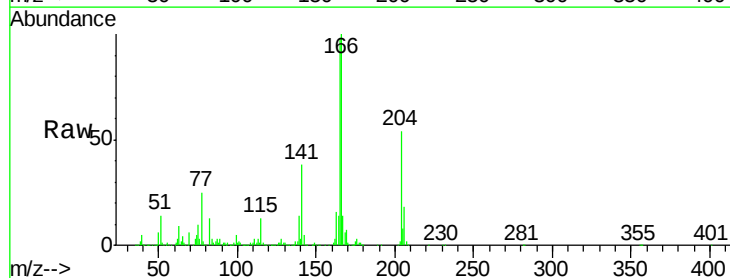
Tgt Ion:204 Resp: 839882

Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

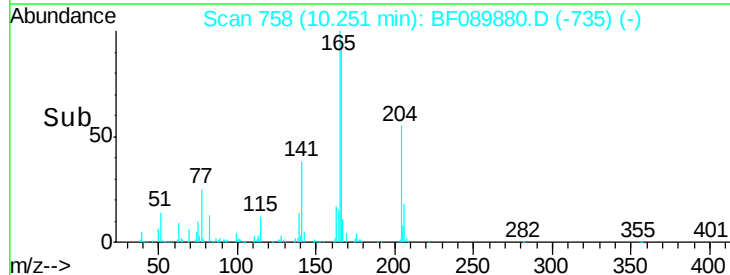
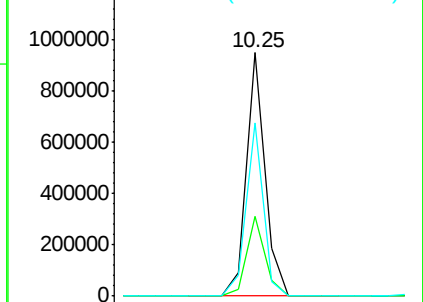
141 71.2 54.1 81.1

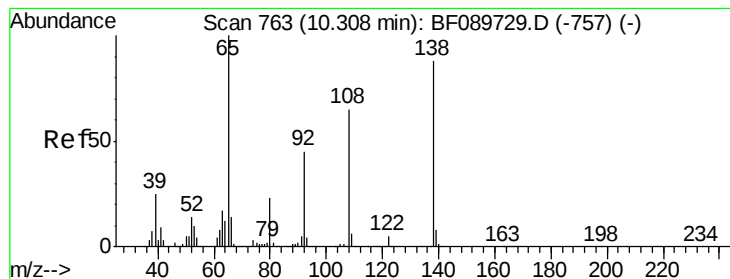


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.99 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampled :

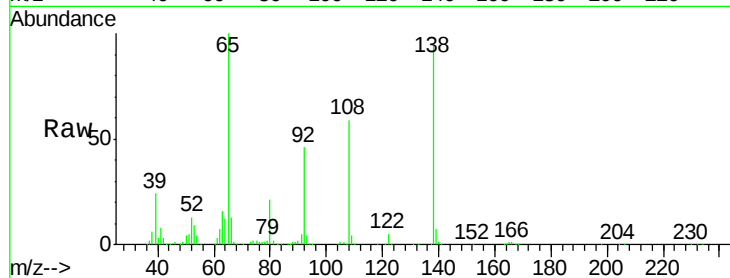
Tot Ion:138 Resp: 593732

Ion Ratio Lower Upper

138 100

92 48.9 26.4 66.4

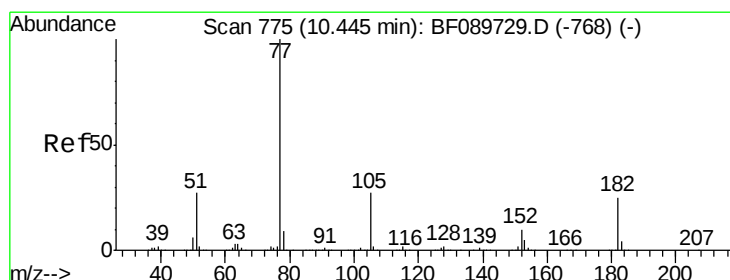
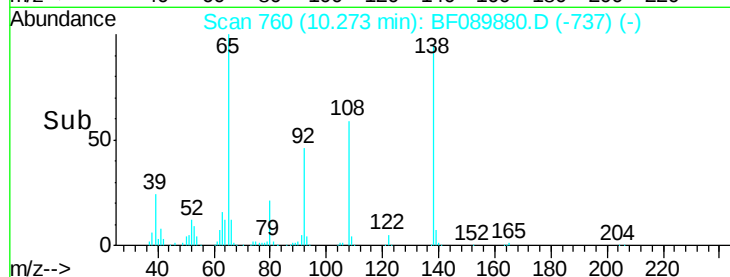
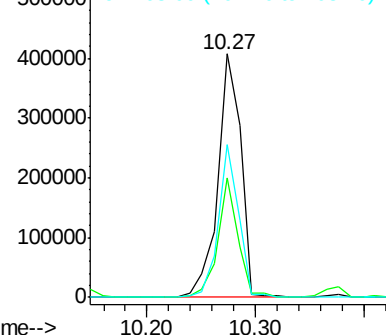
108 62.9 47.0 87.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.77 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion: 77 Resp: 2320780

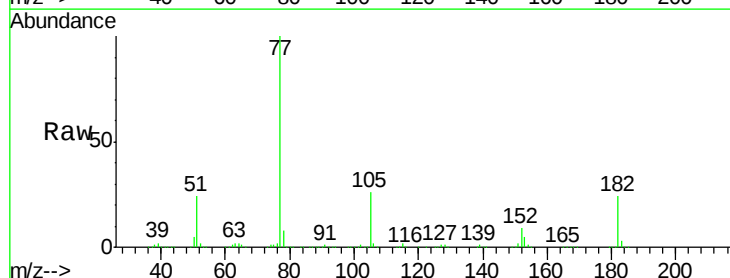
Ion Ratio Lower Upper

77 100

182 23.7 5.6 45.6

105 26.4 4.0 44.0

51 23.7 7.8 47.8

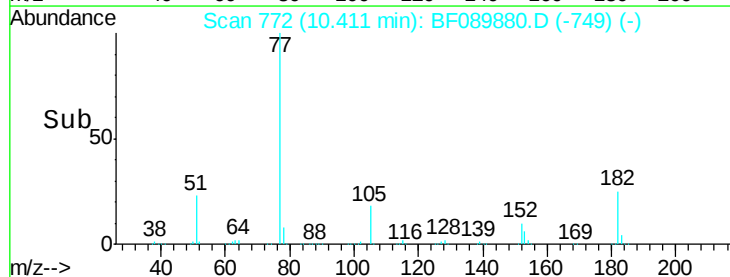
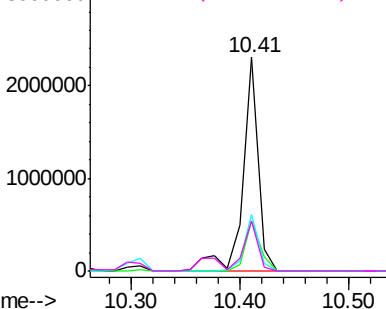


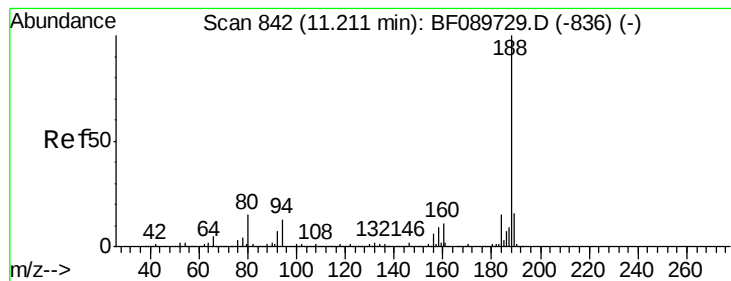
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampled :

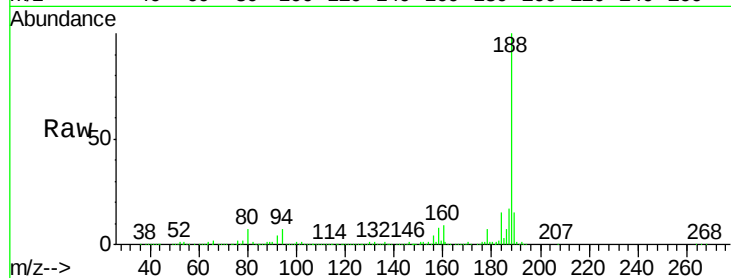
Tot Ion:188 Resp: 1476300

Ion Ratio Lower Upper

188 100

94 7.3 10.2 15.2#

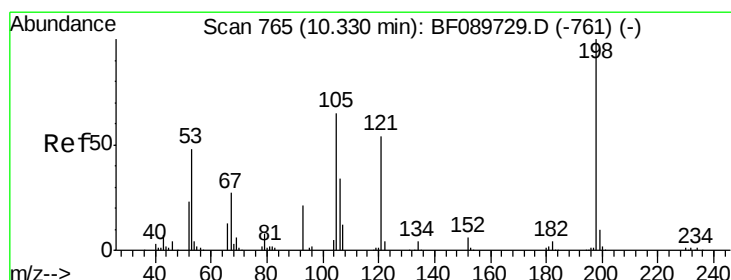
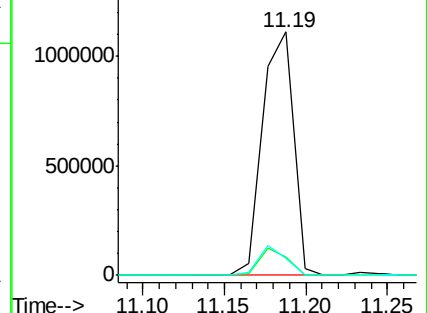
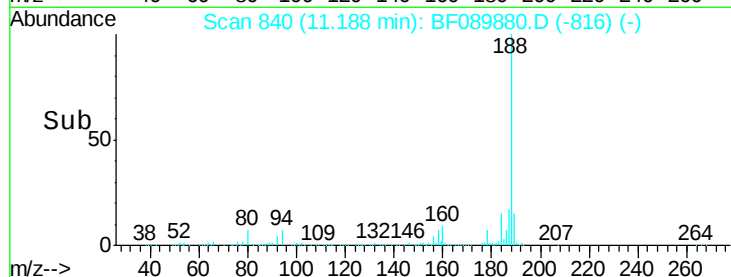
80 7.1 10.9 16.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.25 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

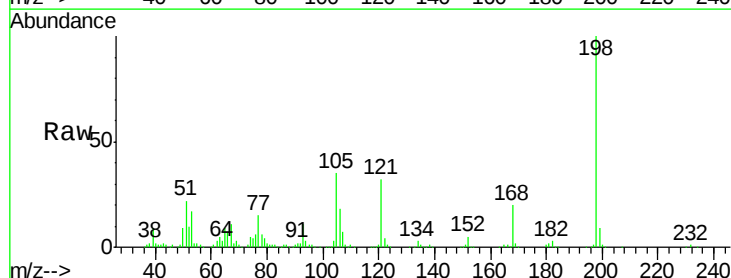
Tgt Ion:198 Resp: 362208

Ion Ratio Lower Upper

198 100

51 22.3 32.3 72.3#

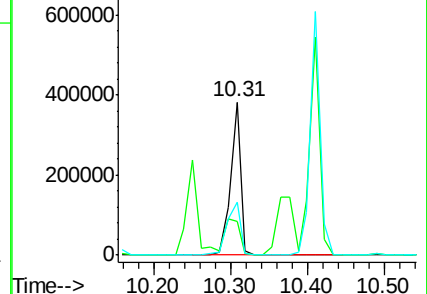
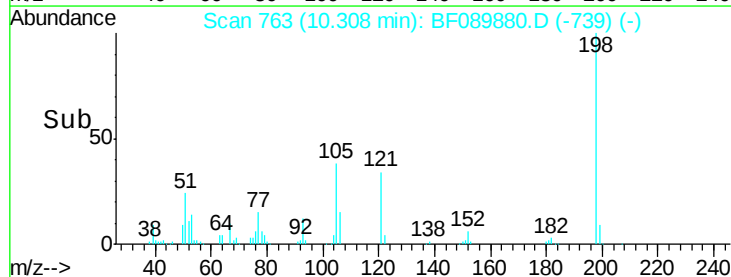
105 34.7 32.9 72.9

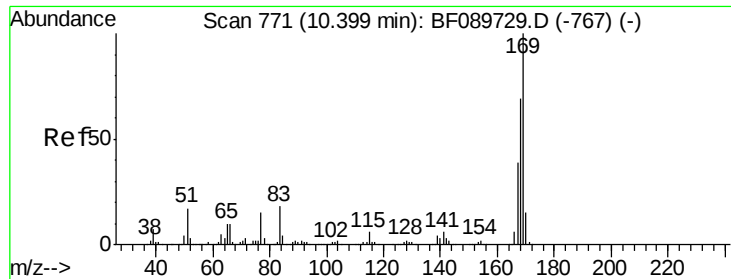


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

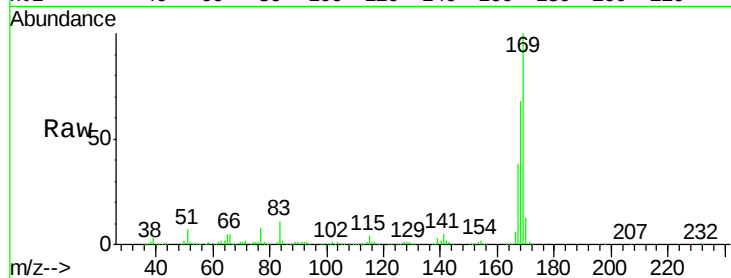




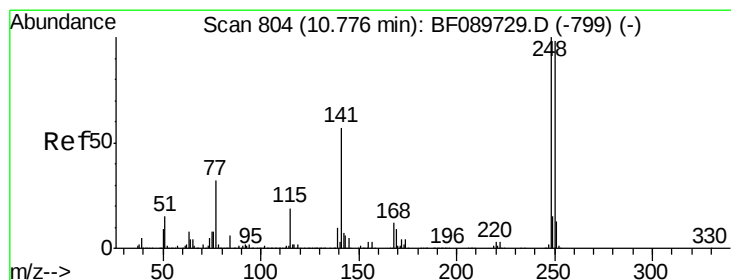
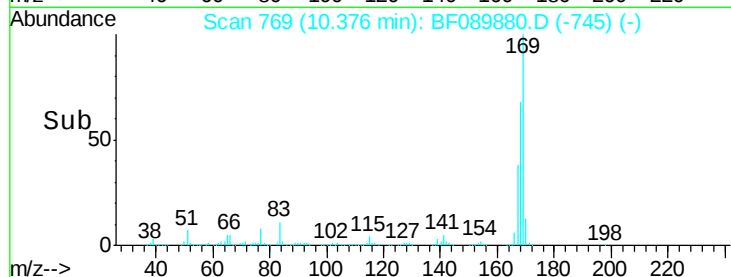
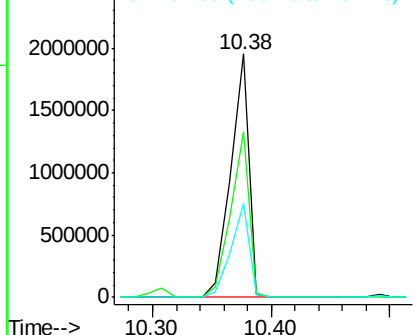
#65  
 n-Nitrosodiphenylamine  
 Concen: 44.81 ng  
 RT: 10.38 min Scan# 769  
 Delta R.T. -0.02 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:169 Resp: 2075914  
 Ion Ratio Lower Upper  
 169 100  
 168 68.2 54.6 82.0  
 167 38.4 30.6 45.8

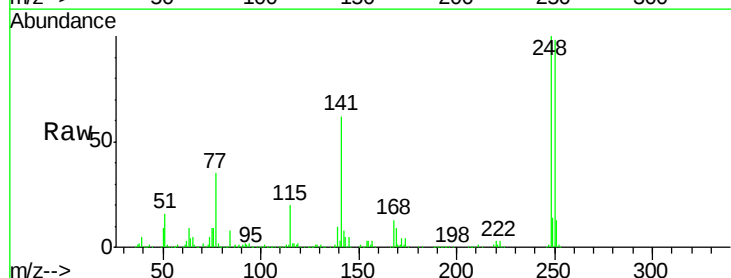


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

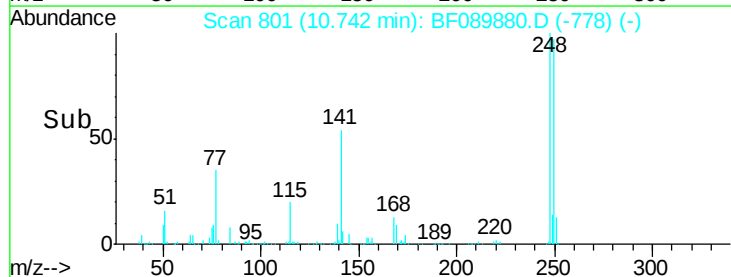
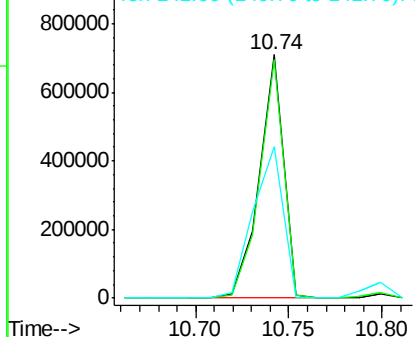


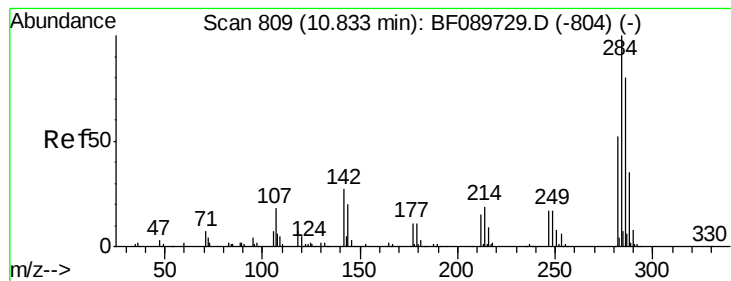
#66  
 4-Bromophenyl-phenylether  
 Concen: 41.52 ng  
 RT: 10.74 min Scan# 801  
 Delta R.T. -0.03 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

Tgt Ion:248 Resp: 634795  
 Ion Ratio Lower Upper  
 248 100  
 250 97.9 78.6 117.8  
 141 62.1 31.4 47.2#



Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.37 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampled :

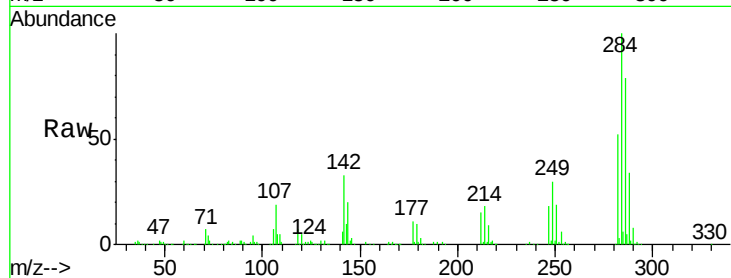
Tot Ion:284 Resp: 686089

Ion Ratio Lower Upper

284 100

142 33.2 17.4 26.2#

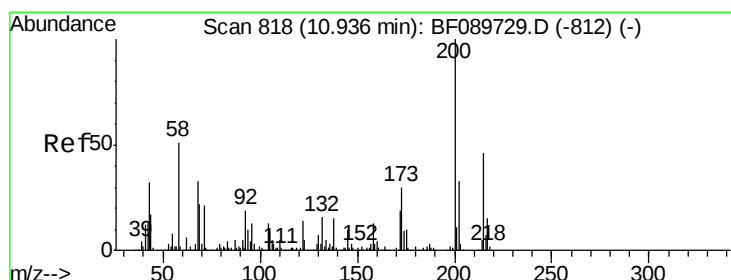
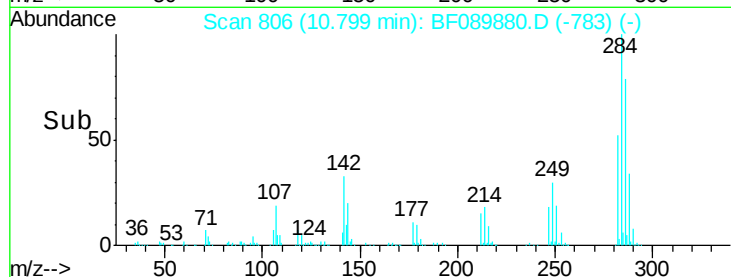
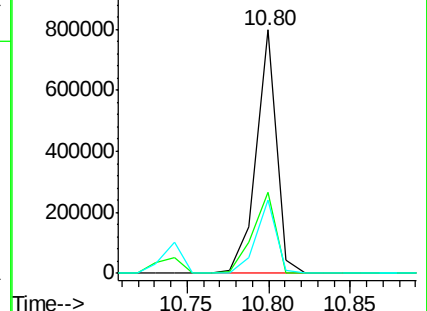
249 30.1 22.8 34.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.90 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

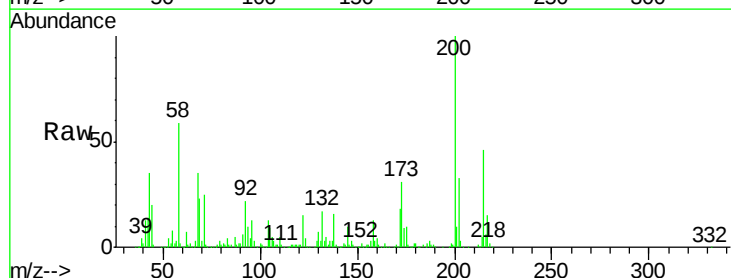
Tgt Ion:200 Resp: 531854

Ion Ratio Lower Upper

200 100

173 31.0 6.6 46.6

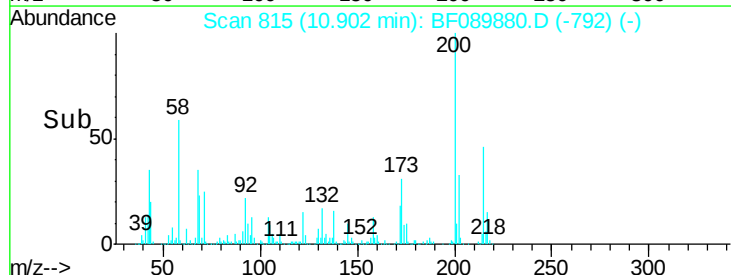
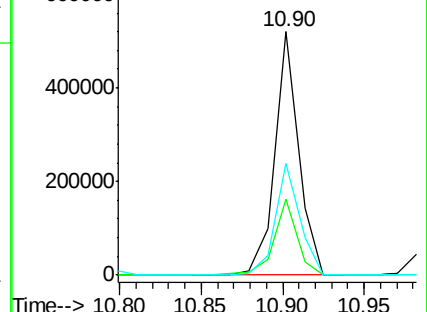
215 46.1 24.7 64.7

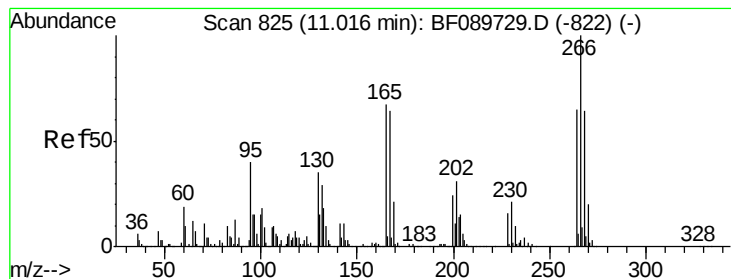


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 68.72 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :  
BNA\_F  
ClientSampleId :

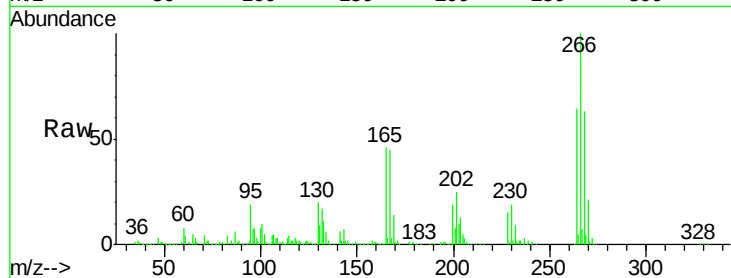
Tot Ion:266 Resp: 727576

Ion Ratio Lower Upper

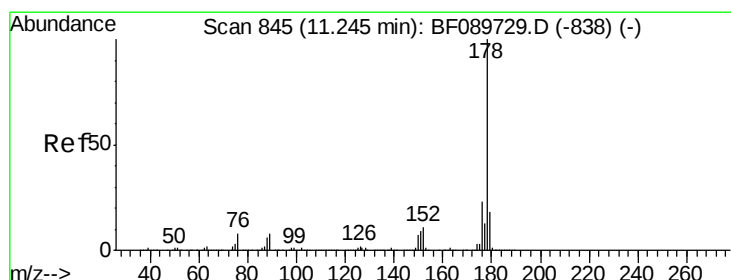
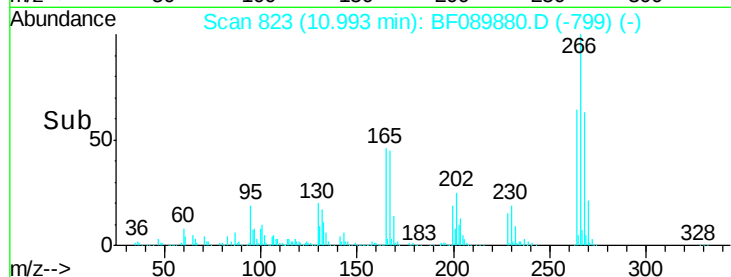
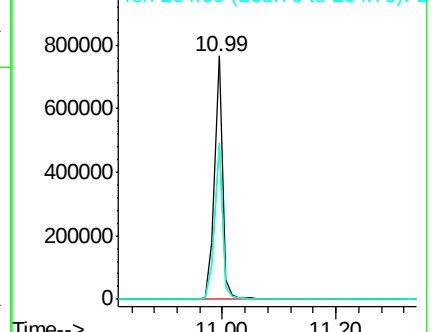
266 100

268 63.4 53.2 79.8

264 64.3 51.1 76.7



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



#70

Phenanthrene

Concen: 44.56 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

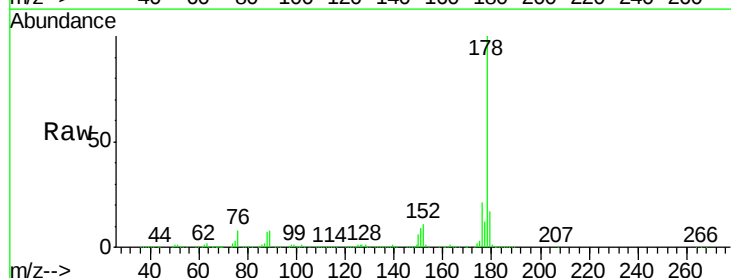
Tgt Ion:178 Resp: 3233305

Ion Ratio Lower Upper

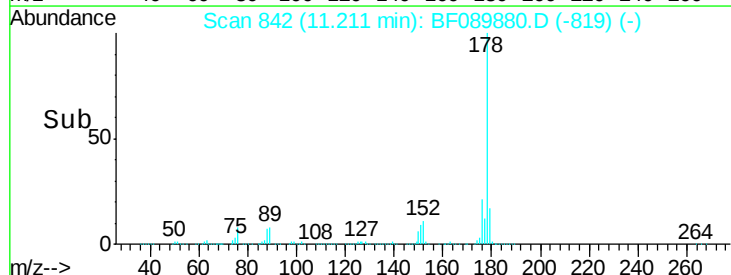
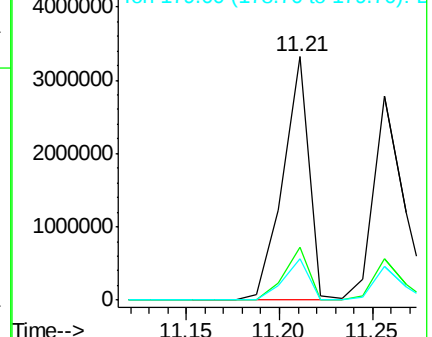
178 100

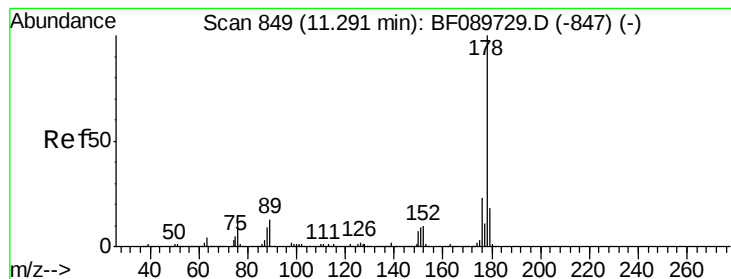
176 21.5 16.4 24.6

179 17.0 12.5 18.7



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





#71

Anthracene

Concen: 38.69 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

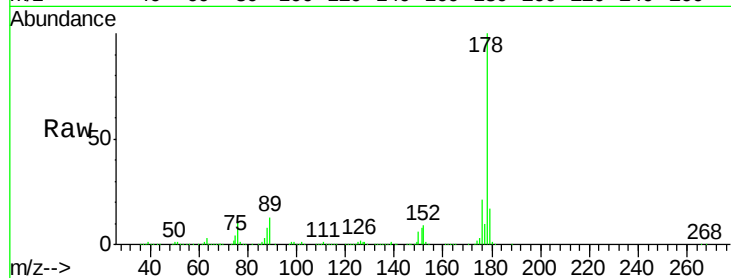
Tot Ion:178 Resp: 2933579

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

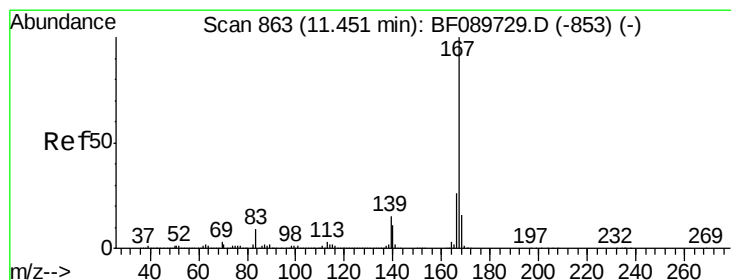
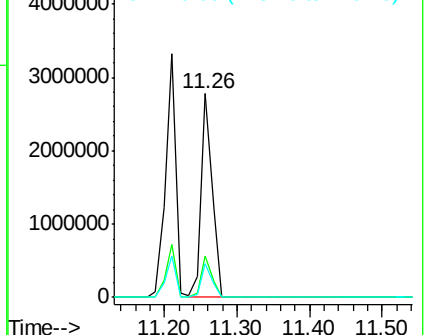
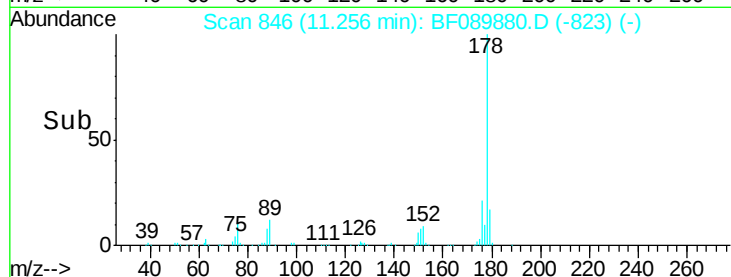
179 16.8 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.00 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

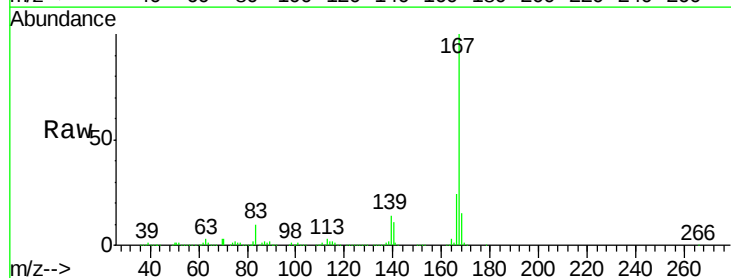
Tgt Ion:167 Resp: 3017455

Ion Ratio Lower Upper

167 100

166 23.6 17.9 26.9

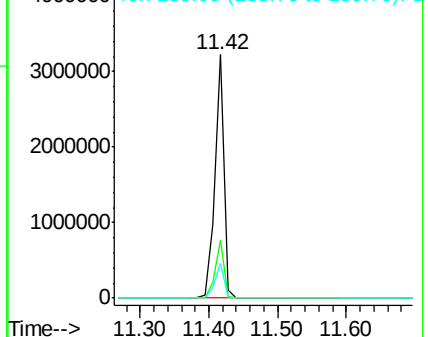
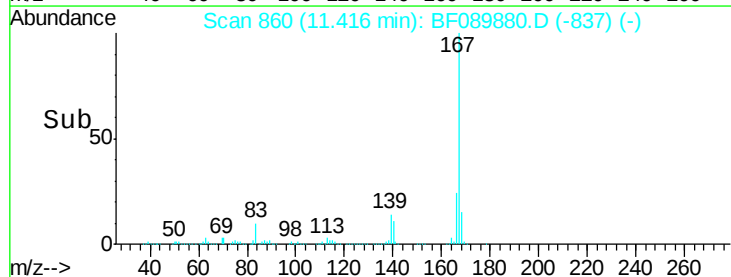
139 14.3 12.4 18.6

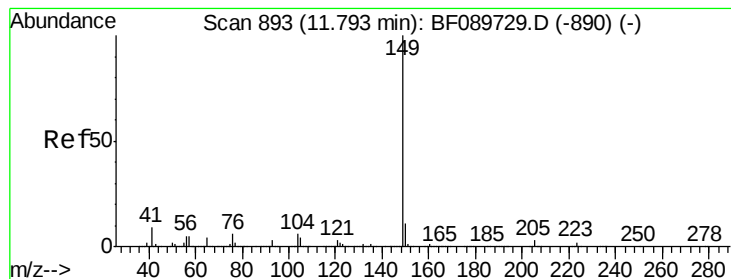


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.27 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

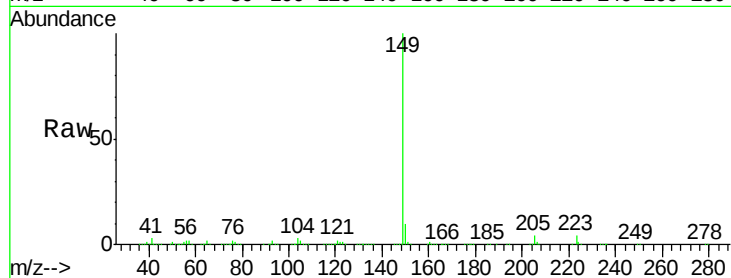
Tot Ion:149 Resp: 3693085

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.6   | 7.9   | 11.9  |
| 104 | 3.4   | 4.3   | 6.5   |

149 100

150 9.6 7.9 11.9

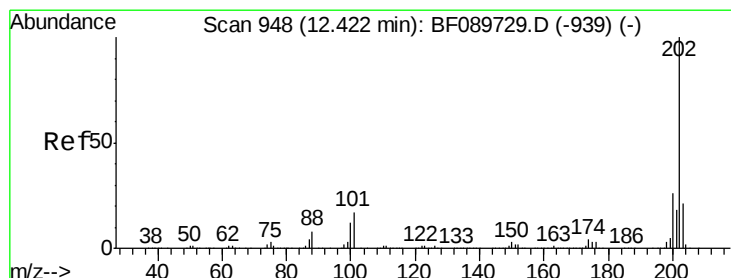
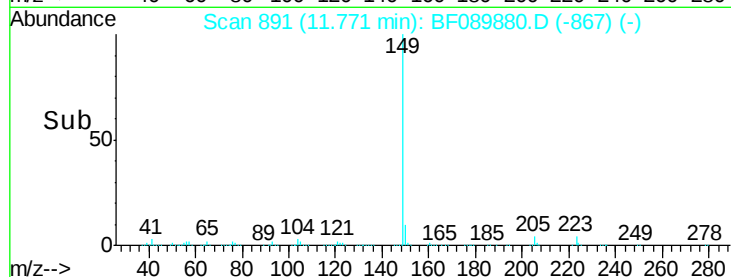
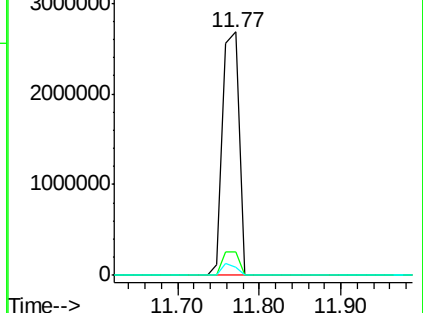
104 3.4 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.17 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

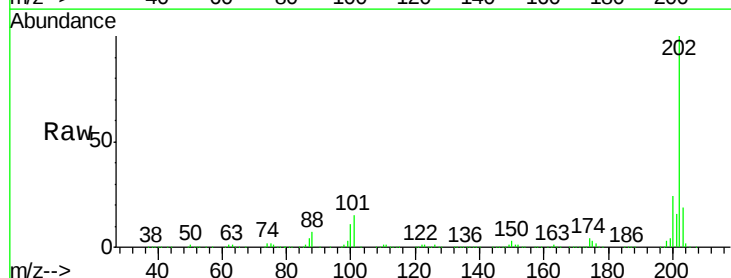
Tgt Ion:202 Resp: 2928598

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 15.1  | 0.0   | 31.2  |
| 203 | 19.4  | 0.0   | 38.1  |

202 100

101 15.1 0.0 31.2

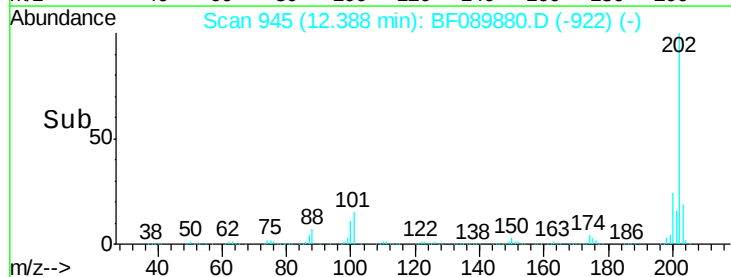
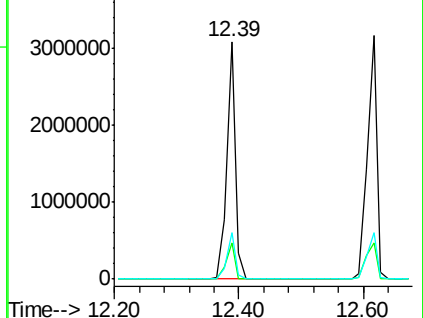
203 19.4 0.0 38.1

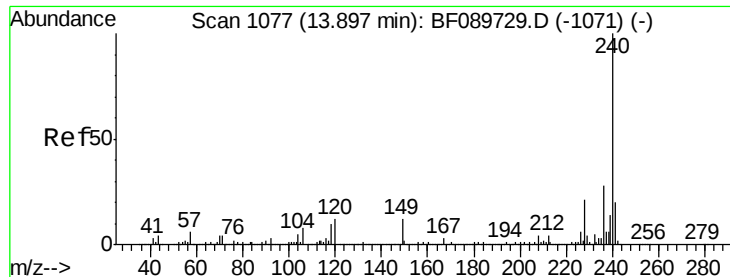


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.08 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

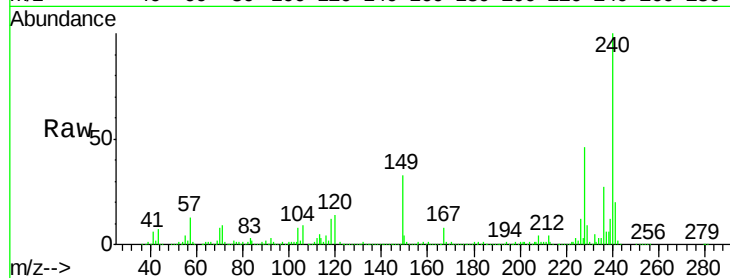
Tot Ion:240 Resp: 1126682

Ion Ratio Lower Upper

240 100

120 14.3 8.3 12.5#

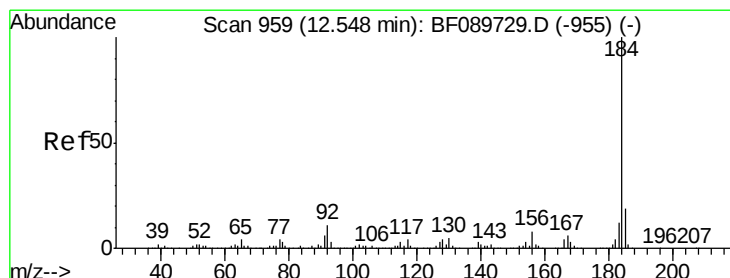
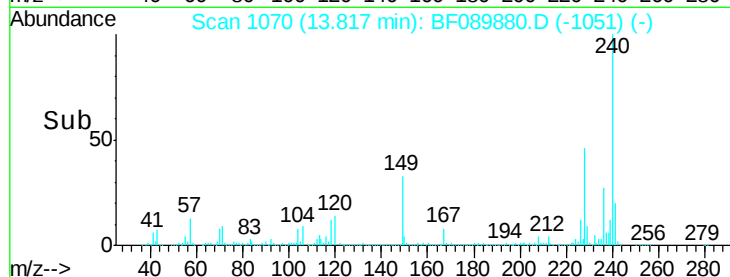
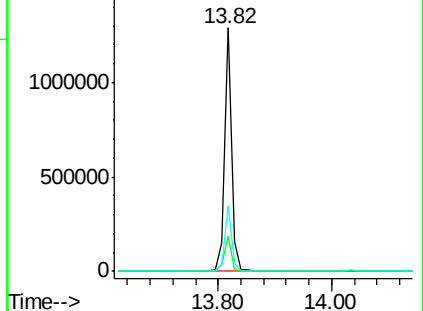
236 27.2 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.40 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

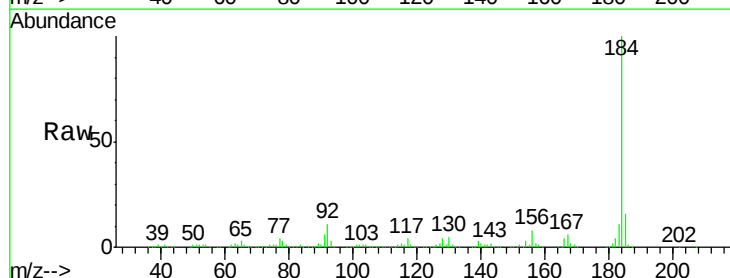
Tgt Ion:184 Resp: 1350691

Ion Ratio Lower Upper

184 100

185 15.9 13.8 20.8

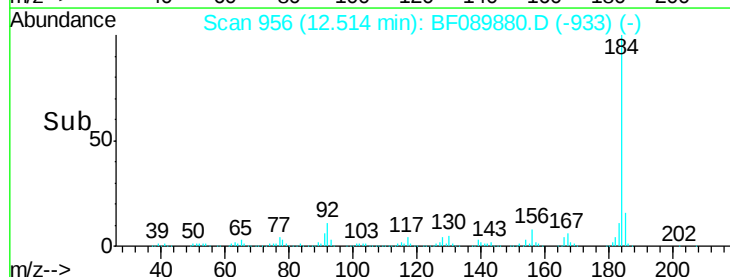
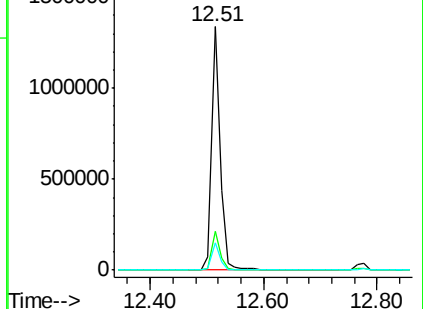
183 11.4 9.7 14.5

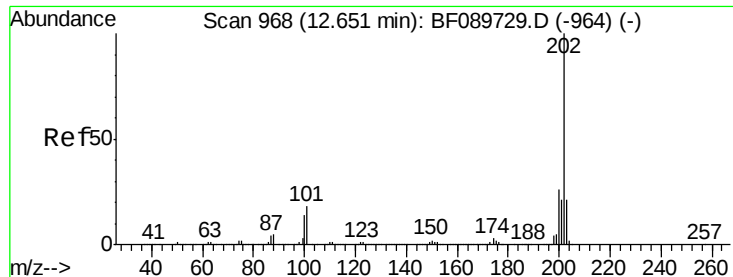


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.28 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

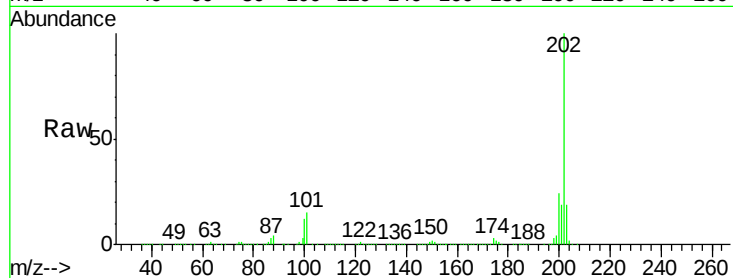
Tot Ion:202 Resp: 3264533

Ion Ratio Lower Upper

202 100

200 23.7 17.8 26.6

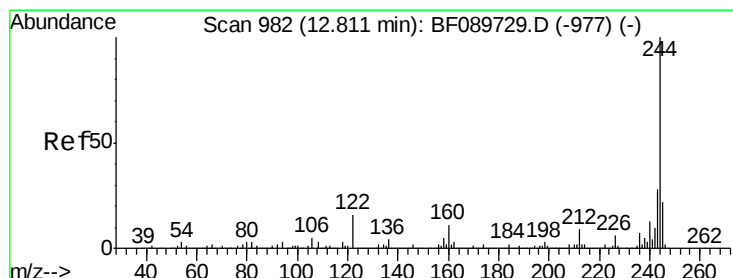
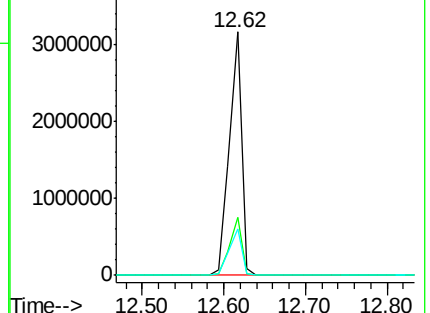
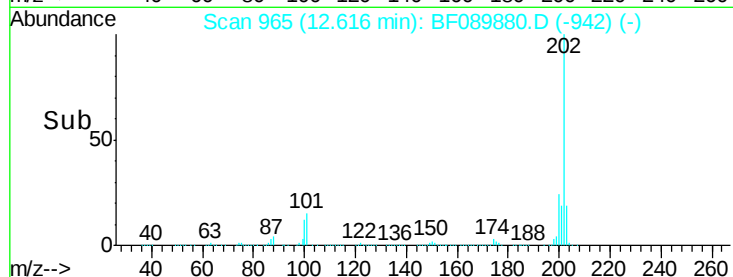
203 19.0 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.32 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.03 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

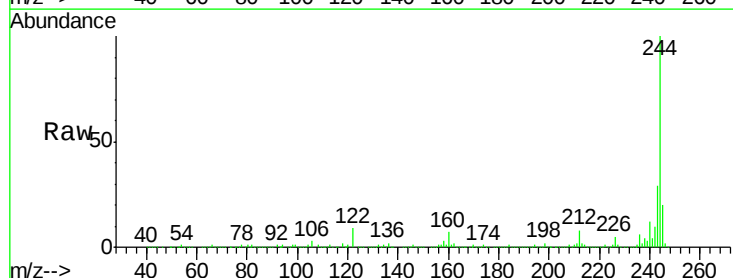
Tgt Ion:244 Resp: 3481690

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

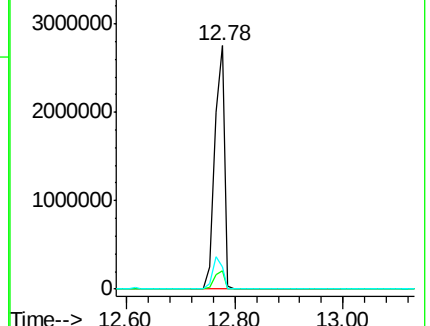
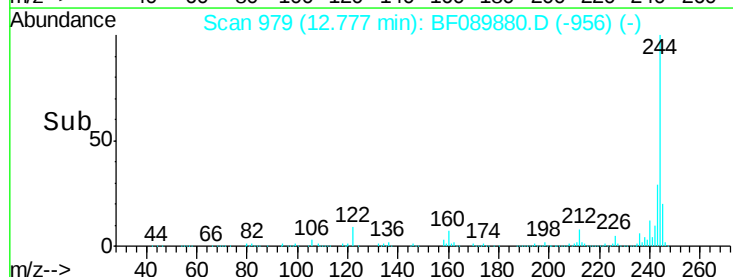
122 9.2 12.0 18.0#

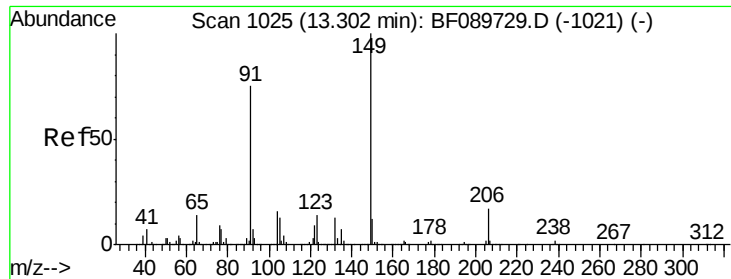


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

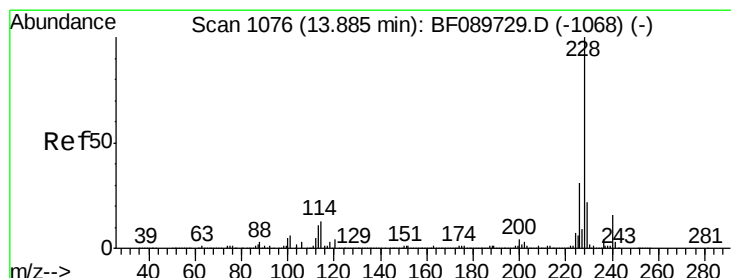
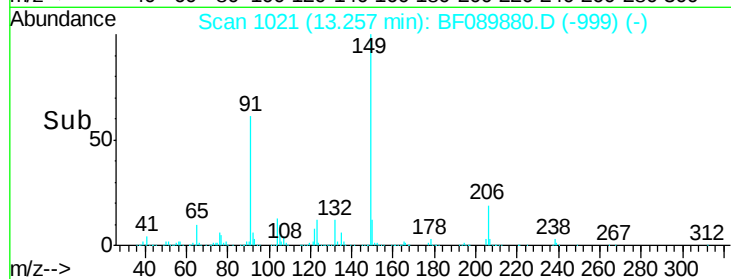
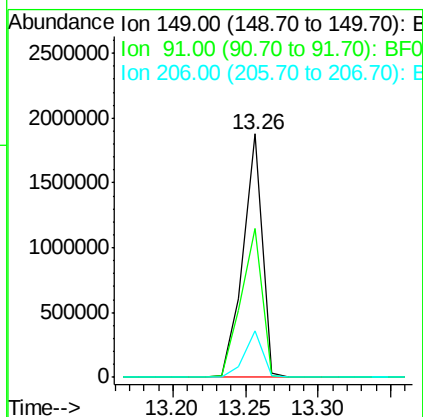
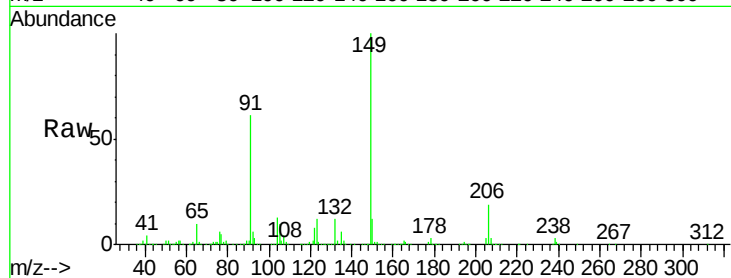




#79  
Butylbenzylphthalate  
Concen: 47.17 ng  
RT: 13.26 min Scan# 1021  
Delta R.T. -0.05 min  
Lab File: BF089880.D  
Acq: 24 Aug 2016 17:48

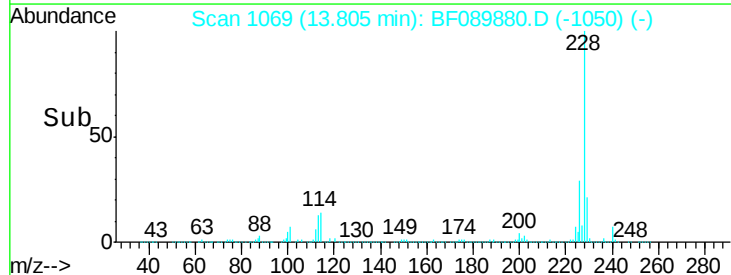
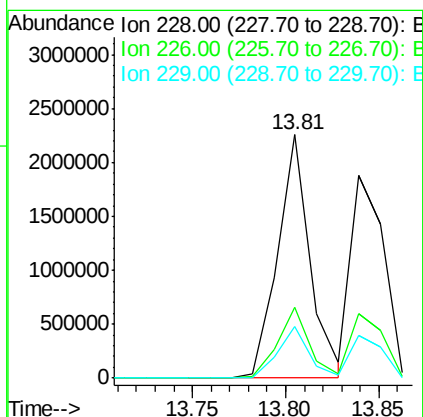
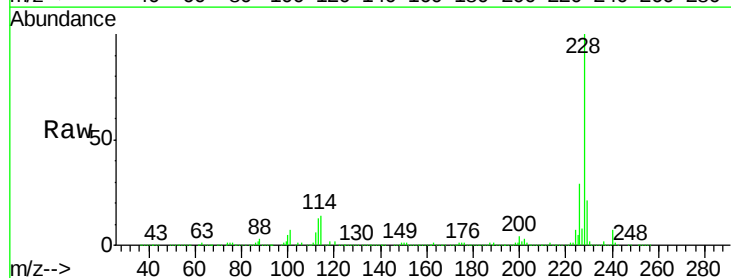
Instrument :  
BNA\_F  
ClientSampleId :

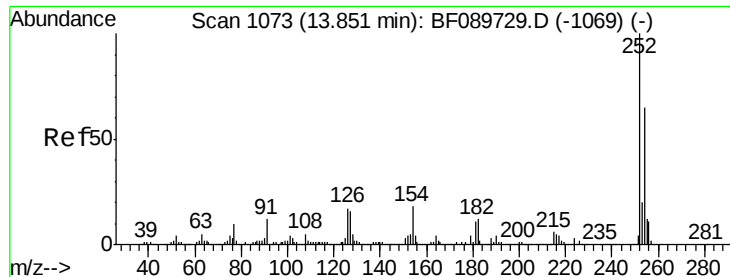
Tot Ion:149 Resp: 1744739  
Ion Ratio Lower Upper  
149 100  
91 61.2 50.7 76.1  
206 18.9 15.5 23.3



#80  
Benzo(a)anthracene  
Concen: 41.54 ng  
RT: 13.81 min Scan# 1069  
Delta R.T. -0.08 min  
Lab File: BF089880.D  
Acq: 24 Aug 2016 17:48

Tgt Ion:228 Resp: 2719330  
Ion Ratio Lower Upper  
228 100  
226 29.1 23.2 34.8  
229 21.1 16.2 24.4

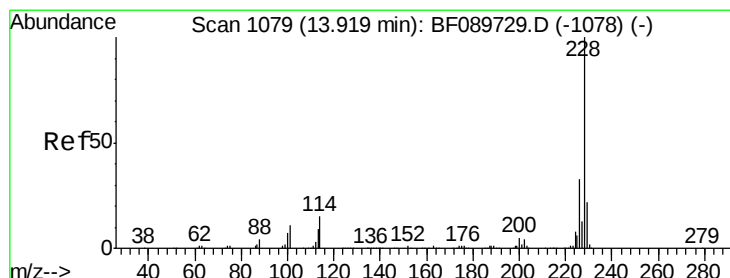
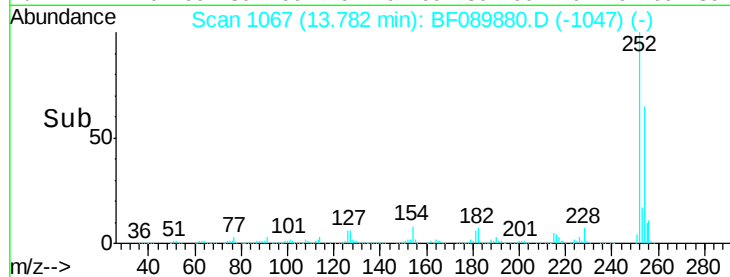
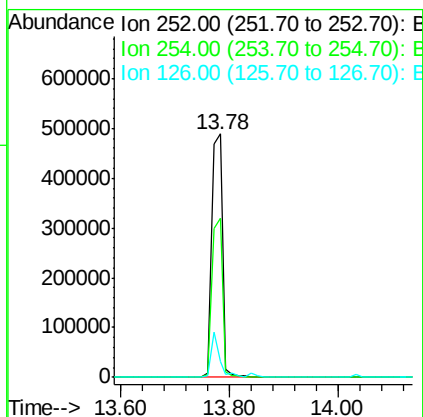
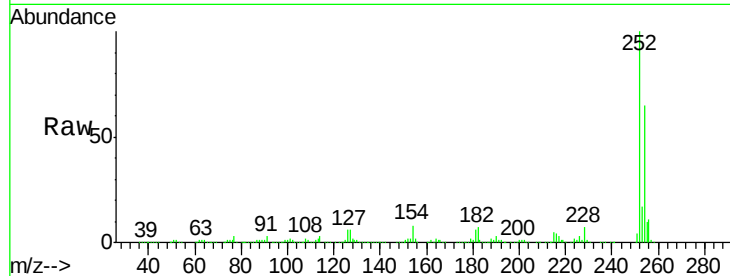




#81  
 3,3'-Dichlorobenzidine  
 Concen: 29.05 ng  
 RT: 13.78 min Scan# 1067  
 Delta R.T. -0.07 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

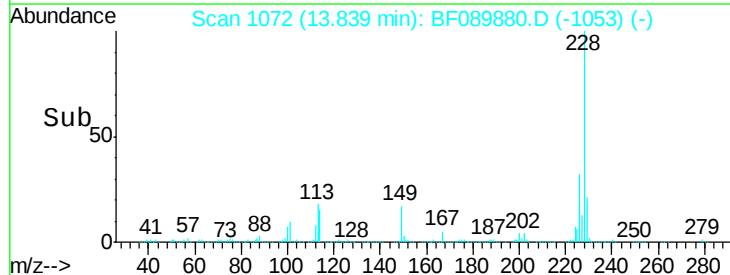
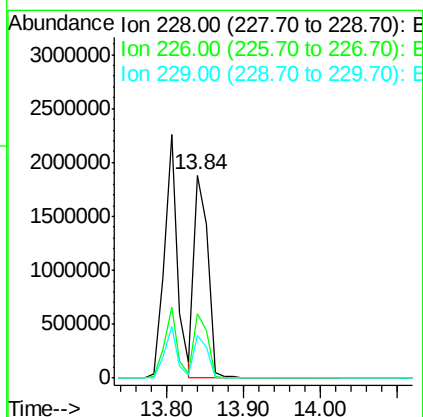
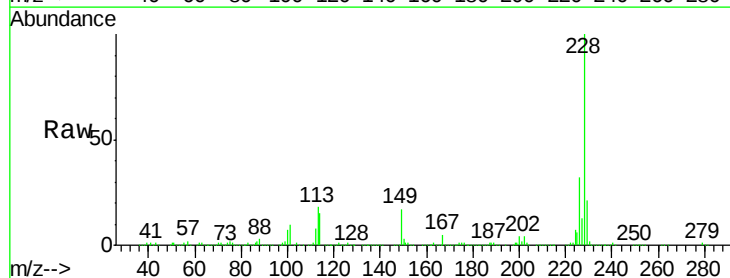
Instrument :  
 BNA\_F  
 ClientSampled :

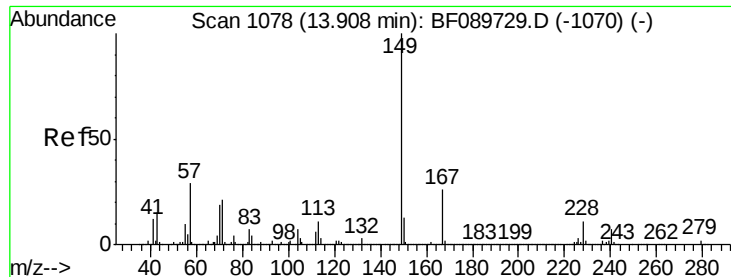
Tot Ion:252 Resp: 692934  
 Ion Ratio Lower Upper  
 252 100  
 254 65.5 50.6 75.8  
 126 6.3 12.6 18.8#



#82  
 Chrysene  
 Concen: 39.82 ng  
 RT: 13.84 min Scan# 1072  
 Delta R.T. -0.08 min  
 Lab File: BF089880.D  
 Acq: 24 Aug 2016 17:48

Tgt Ion:228 Resp: 2345888  
 Ion Ratio Lower Upper  
 228 100  
 226 31.7 25.4 38.0  
 229 20.8 16.5 24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.76 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.08 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

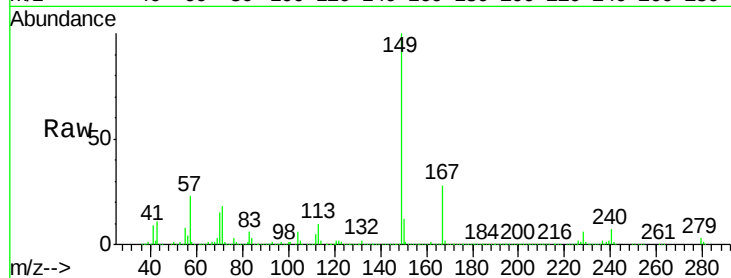
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:149 Resp: 2190889

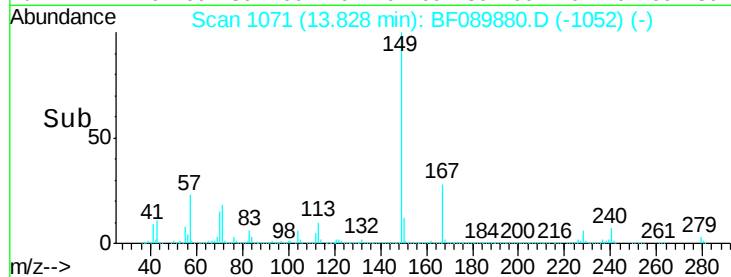
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.7  | 21.2  | 31.8  |
| 279 | 2.9   | 2.9   | 4.3   |



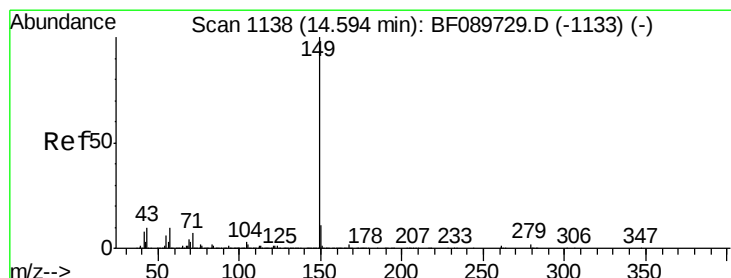
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 51.07 ng

RT: 14.47 min Scan# 1127

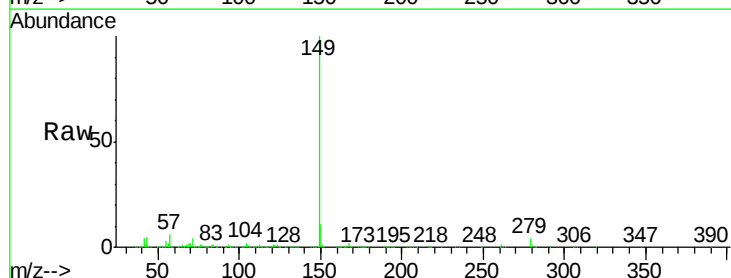
Delta R.T. -0.12 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion:149 Resp: 3885959

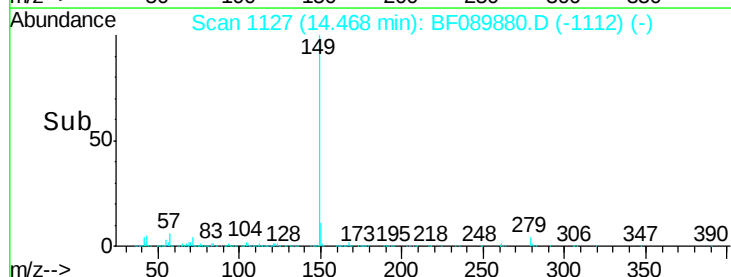
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.6   | 1.2   | 1.8   |
| 43  | 7.6   | 8.4   | 12.6# |



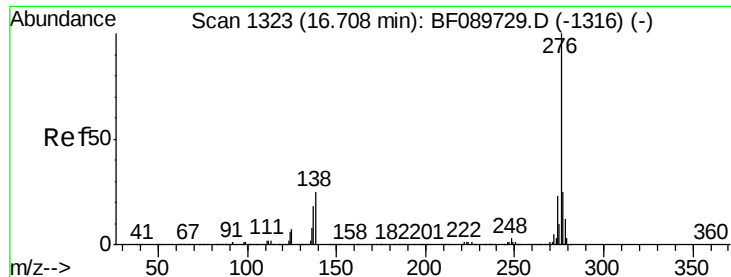
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 44.80 ng

RT: 16.50 min Scan# 1305

Delta R.T. -0.21 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

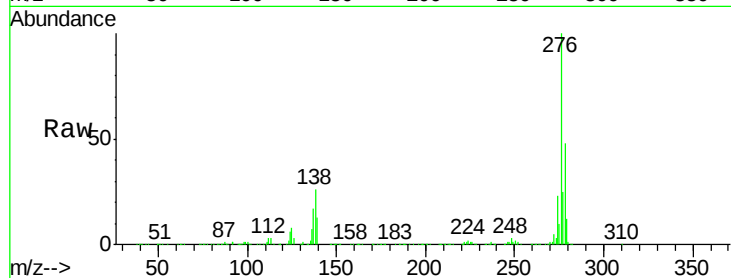
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:276 Resp: 2248361

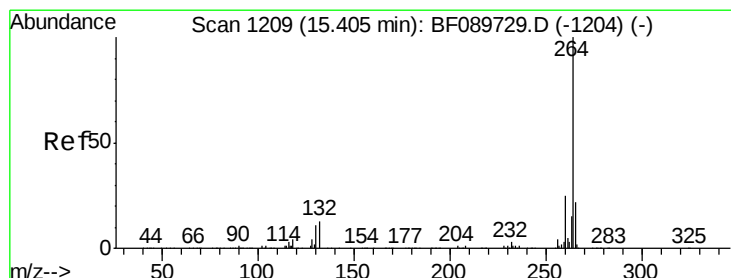
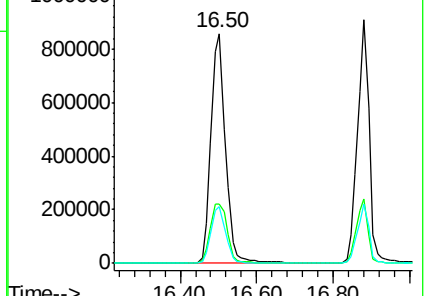
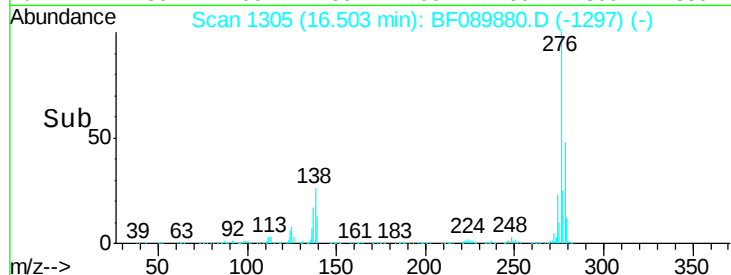
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 30.5  | 24.6  | 36.8  |
| 277 | 25.5  | 20.4  | 30.6  |



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.22 min Scan# 1193

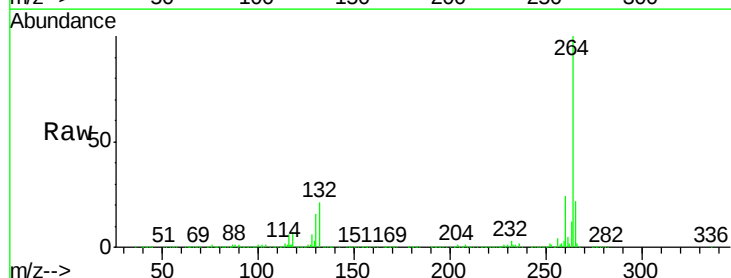
Delta R.T. -0.18 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion:264 Resp: 967288

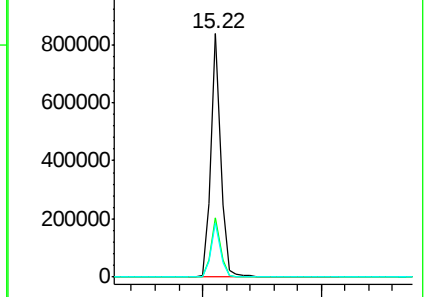
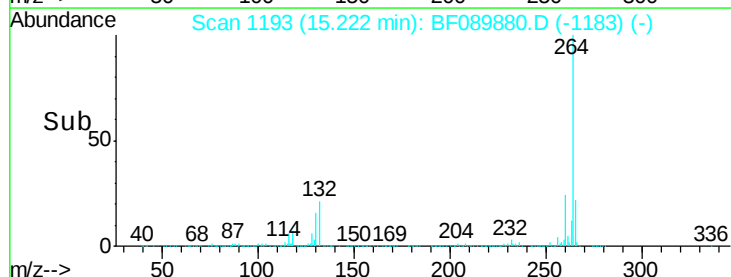
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.3  | 20.2  | 30.2  |
| 265 | 22.1  | 17.4  | 26.2  |

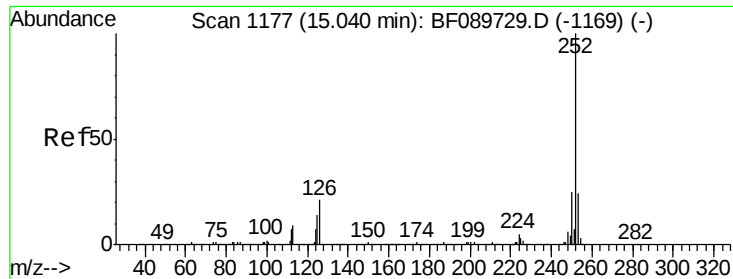


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

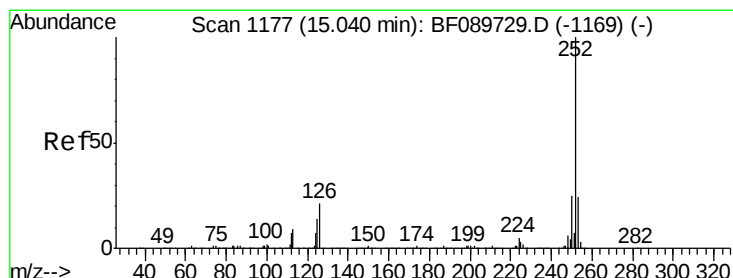
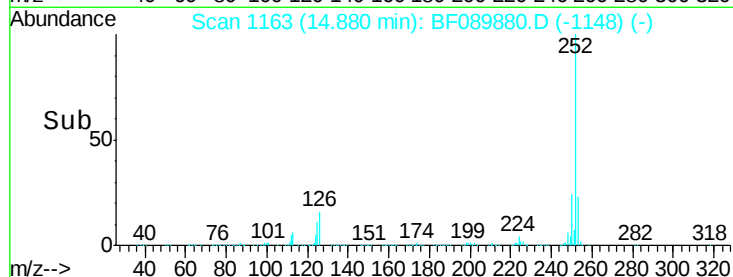
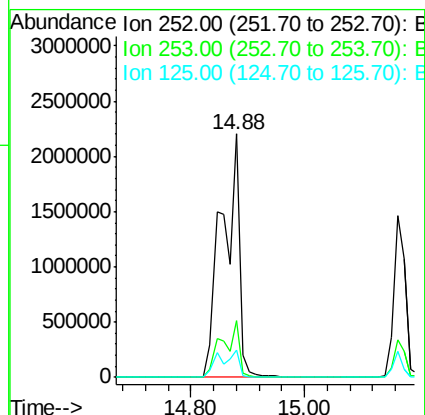
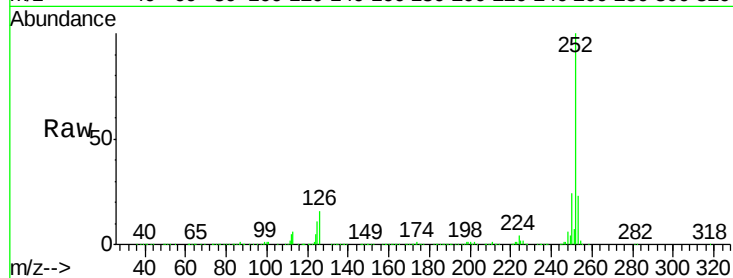




#87  
Benzo(b)fluoranthene  
Concen: 76.92 ng  
RT: 14.88 min Scan# 1163  
Delta R.T. -0.13 min  
Lab File: BF089880.D  
Acq: 24 Aug 2016 17:48

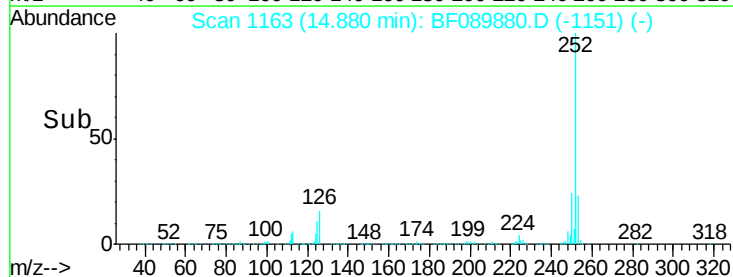
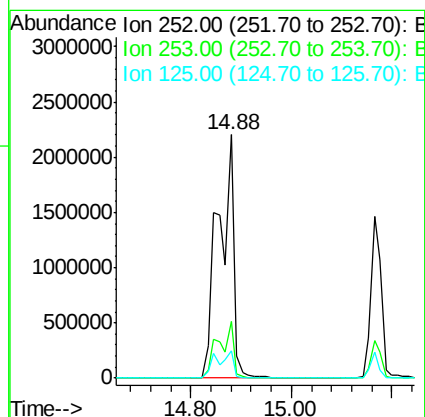
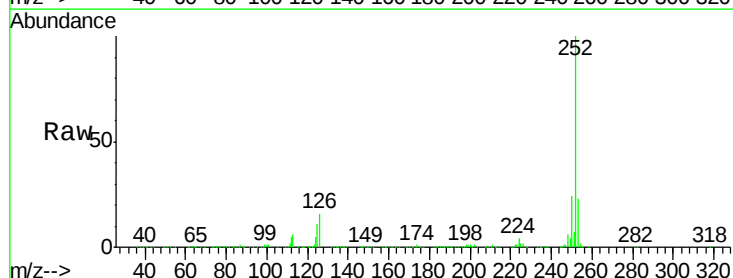
Instrument :  
BNA\_F  
ClientSampleId :

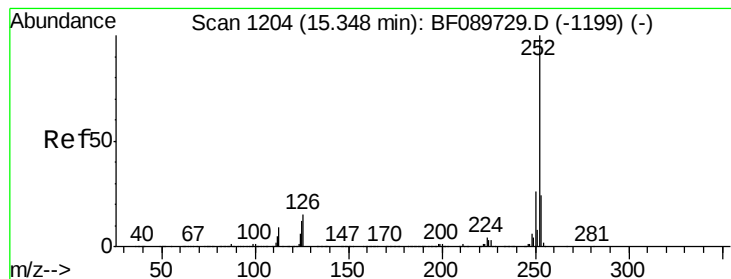
Tot Ion:252 Resp: 4714605  
Ion Ratio Lower Upper  
252 100  
253 23.4 17.8 26.8  
125 11.0 11.4 17.2#



#88  
Benzo(k)fluoranthene  
Concen: 93.55 ng  
RT: 14.88 min Scan# 1163  
Delta R.T. -0.16 min  
Lab File: BF089880.D  
Acq: 24 Aug 2016 17:48

Tgt Ion:252 Resp: 4719292  
Ion Ratio Lower Upper  
252 100  
253 23.4 18.4 27.6  
125 11.0 9.8 14.6





#89

Benzo(a)pyrene

Concen: 41.84 ng

RT: 15.17 min Scan# 1188

Delta R.T. -0.18 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

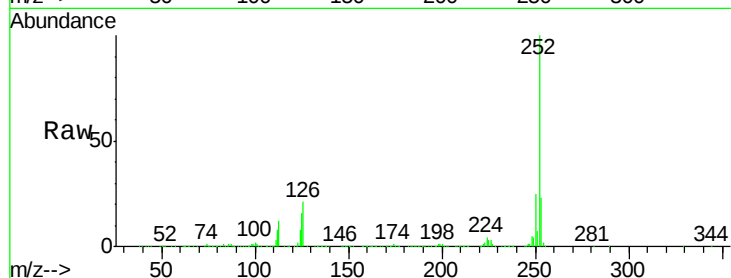
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:252 Resp: 2116977

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.1  | 17.8  | 26.8  |
| 125 | 16.0  | 11.7  | 17.5  |

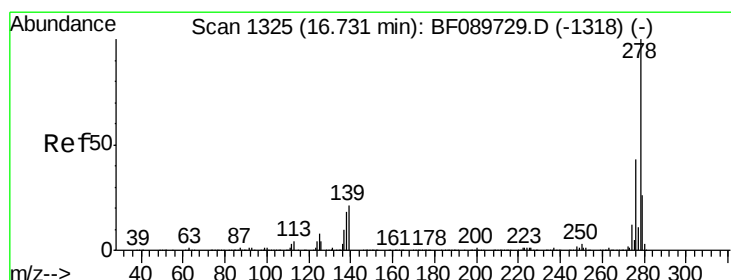
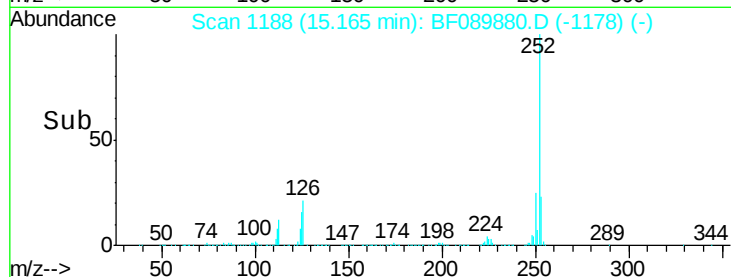


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.69 ng

RT: 16.51 min Scan# 1306

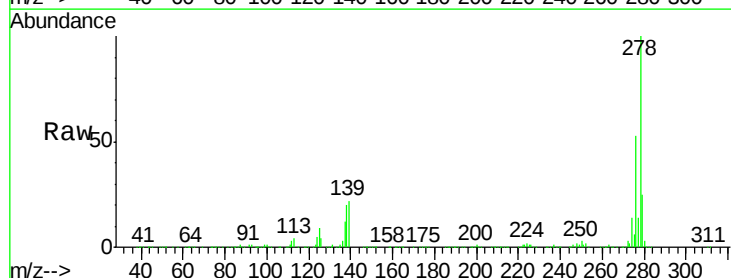
Delta R.T. -0.22 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion:278 Resp: 1900032

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 22.1  | 14.9  | 22.3  |
| 279 | 24.8  | 19.2  | 28.8  |

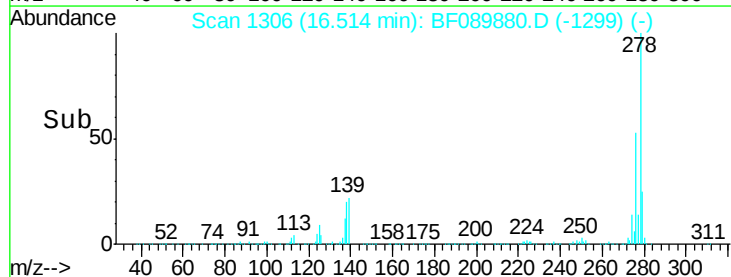


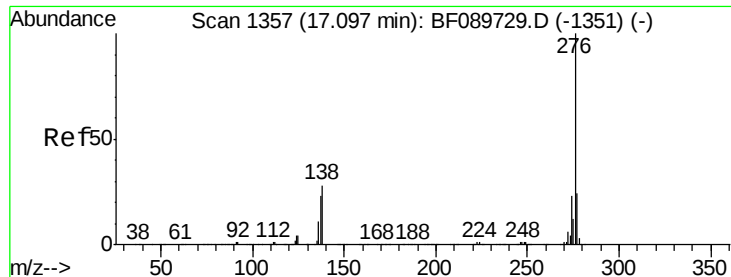
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.44 ng

RT: 16.88 min Scan# 1338

Delta R.T. -0.22 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA\_F

ClientSampleId :

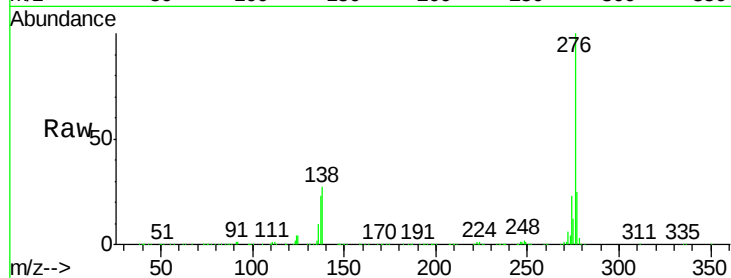
Tot Ion:276 Resp: 1923556

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 26.7 22.1 33.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

