

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF063016\  
 Data File : BF088531.D  
 Acq On : 30 Jun 2016 16:08  
 Operator : UM/SJ  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Quant Time: Jun 30 16:44:14 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 30 16:14:19 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 121287   | 20.00 | ng    | 0.01     |
| 21) Naphthalene-d8        | 8.10  | 136  | 507440   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.85  | 164  | 224419   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.32 | 188  | 409690   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.95 | 240  | 241153   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.35 | 264  | 223307   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.40  | 112 | 764261  | 48.48 | ng | 0.00 |
| 7) Phenol-d6             | 6.44  | 99  | 1007114 | 48.86 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.38  | 82  | 889489  | 45.18 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.64 | 330 | 200352  | 49.73 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.18  | 172 | 1413626 | 47.31 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.91 | 244 | 1073024 | 48.75 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.39 | 88  | 201897  | 50.66 | ng | # 35   |
| 3) Pyridine                    | 3.08 | 79  | 577483  | 49.54 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.04 | 42  | 222928  | 49.32 | ng | 92     |
| 6) Aniline                     | 6.48 | 93  | 713651  | 46.38 | ng | 95     |
| 8) 2-Chlorophenol              | 6.60 | 128 | 436165  | 48.63 | ng | 86     |
| 9) Benzaldehyde                | 6.36 | 77  | 351920  | 83.97 | ng | 93     |
| 10) Phenol                     | 6.47 | 94  | 541349  | 43.99 | ng | # 57   |
| 11) bis(2-Chloroethyl)ether    | 6.56 | 93  | 487626  | 53.25 | ng | 90     |
| 12) 1,3-Dichlorobenzene        | 6.83 | 146 | 439701  | 46.80 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.83 | 146 | 439701  | 46.65 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 438436  | 49.85 | ng | 96     |
| 15) Benzyl Alcohol             | 6.96 | 79  | 361978  | 43.31 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45  | 661388  | 51.61 | ng | 96     |
| 17) 2-Methylphenol             | 7.07 | 107 | 339277  | 44.78 | ng | 98     |
| 18) Hexachloroethane           | 7.34 | 117 | 186071  | 51.18 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70  | 350603  | 49.06 | ng | 89     |
| 20) 3+4-Methylphenols          | 7.23 | 107 | 421164  | 47.29 | ng | # 61   |
| 22) Acetophenone               | 7.23 | 105 | 581308  | 47.31 | ng | # 88   |
| 24) Nitrobenzene               | 7.40 | 77  | 543416  | 53.21 | ng | 88     |
| 25) Isophorone                 | 7.64 | 82  | 857394  | 44.78 | ng | 95     |
| 26) 2-Nitrophenol              | 7.71 | 139 | 191521  | 46.11 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 397120  | 46.83 | ng | 91     |
| 28) bis(2-Chloroethoxy)methane | 7.86 | 93  | 596987  | 50.19 | ng | # 97   |
| 29) 2,4-Dichlorophenol         | 7.95 | 162 | 318094  | 45.27 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 8.04 | 180 | 352664  | 47.47 | ng | 99     |
| 31) Naphthalene                | 8.12 | 128 | 1184403 | 47.47 | ng | 99     |
| 32) Benzoic acid               | 7.90 | 122 | 322735  | 70.64 | ng | 92     |
| 33) 4-Chloroaniline            | 8.17 | 127 | 498456  | 45.46 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.25 | 225 | 199855  | 50.75 | ng | 99     |
| 35) Caprolactam                | 8.55 | 113 | 110020  | 44.27 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 347456  | 43.62 | ng | 92     |
| 37) 2-Methylnaphthalene        | 8.81 | 142 | 708732  | 42.83 | ng | # 95   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 360690  | 58.46 | ng | # 1    |
| 40) Hexachlorocyclopentadiene  | 8.97 | 237 | 173801  | 43.69 | ng | 98     |

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 ALS Vial : 6 Sample Multiplier: 1

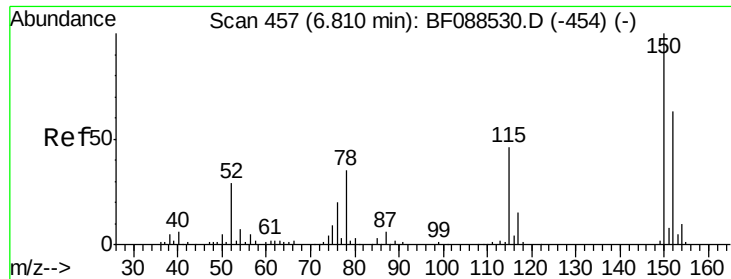
Instrument :  
 BNA\_F  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.08  | 196  | 237554   | 48.39 | ng    | 94       |
| 43) 2,4,5-Trichlorophenol      | 9.13  | 196  | 239882   | 52.92 | ng    | 99       |
| 45) 1,1'-Biphenyl              | 9.28  | 154  | 854650   | 48.02 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.30  | 162  | 693830   | 48.38 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.39  | 65   | 259840   | 53.36 | ng    | 98       |
| 48) Acenaphthylene             | 9.71  | 152  | 1038682  | 44.58 | ng    | 99       |
| 49) Dimethylphthalate          | 9.59  | 163  | 858633   | 51.01 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.63  | 165  | 186579   | 50.32 | ng    | # 39     |
| 51) Acenaphthene               | 9.88  | 154  | 661926   | 45.86 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.80  | 138  | 209033   | 47.06 | ng    | 90       |
| 53) 2,4-Dinitrophenol          | 9.91  | 184  | 94833    | 64.40 | ng    | # 85     |
| 54) Dibenzofuran               | 10.06 | 168  | 852352   | 41.80 | ng    | # 88     |
| 55) 4-Nitrophenol              | 9.95  | 139  | 155421   | 43.30 | ng    | 88       |
| 56) 2,4-Dinitrotoluene         | 10.03 | 165  | 230690   | 48.21 | ng    | # 43     |
| 57) Fluorene                   | 10.40 | 166  | 653571   | 44.28 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 158551   | 42.79 | ng    | # 47     |
| 59) Diethylphthalate           | 10.28 | 149  | 820413   | 47.48 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.40 | 204  | 312095   | 46.57 | ng    | # 87     |
| 61) 4-Nitroaniline             | 10.42 | 138  | 240435   | 56.97 | ng    | 97       |
| 62) Azobenzene                 | 10.55 | 77   | 913075   | 43.23 | ng    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 10.44 | 198  | 122345   | 64.70 | ng    | 92       |
| 65) n-Nitrosodiphenylamine     | 10.51 | 169  | 648866   | 46.16 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.88 | 248  | 191613   | 45.64 | ng    | # 80     |
| 67) Hexachlorobenzene          | 10.95 | 284  | 233499   | 52.22 | ng    | # 83     |
| 68) Atrazine                   | 11.04 | 200  | 189119   | 43.31 | ng    | 92       |
| 69) Pentachlorophenol          | 11.13 | 266  | 134846   | 50.30 | ng    | 96       |
| 70) Phenanthrene               | 11.36 | 178  | 1127394  | 48.39 | ng    | 99       |
| 71) Anthracene                 | 11.40 | 178  | 1005340  | 43.95 | ng    | 100      |
| 72) Carbazole                  | 11.55 | 167  | 983165   | 44.98 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.90 | 149  | 1110461  | 43.54 | ng    | # 99     |
| 74) Fluoranthene               | 12.54 | 202  | 1053500  | 46.66 | ng    | 98       |
| 76) Benzidine                  | 12.66 | 184  | 701163   | 89.58 | ng    | 97       |
| 77) Pyrene                     | 12.76 | 202  | 1136414  | 55.03 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.39 | 149  | 497801   | 54.11 | ng    | 96       |
| 80) Benzo(a)anthracene         | 13.94 | 228  | 775614   | 48.35 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.91 | 252  | 283612   | 53.15 | ng    | # 95     |
| 82) Chrysene                   | 13.99 | 228  | 805907   | 51.18 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 557343   | 52.14 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 14.56 | 149  | 906229   | 51.23 | ng    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 16.71 | 276  | 647692   | 52.11 | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 14.96 | 252  | 655160   | 47.63 | ng    | # 96     |
| 88) Benzo(k)fluoranthene       | 14.96 | 252  | 655160   | 51.51 | ng    | 99       |
| 89) Benzo(a)pyrene             | 15.30 | 252  | 604281   | 48.38 | ng    | # 93     |
| 90) Dibenzo(a,h)anthracene     | 16.72 | 278  | 549887   | 53.84 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.11 | 276  | 586473   | 55.27 | ng    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.01 min

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BNA\_F

ClientSampleId :

SSTDIC050

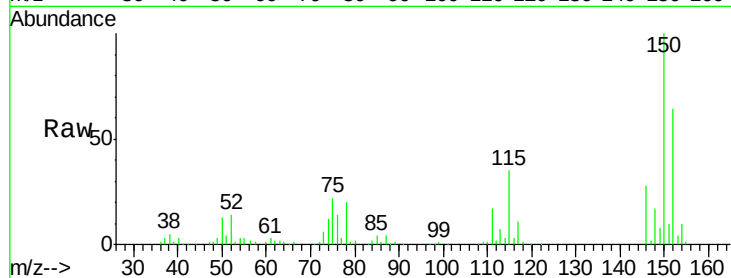
Tgt Ion:152 Resp: 121287

Ion Ratio Lower Upper

152 100

150 157.1 123.8 185.6

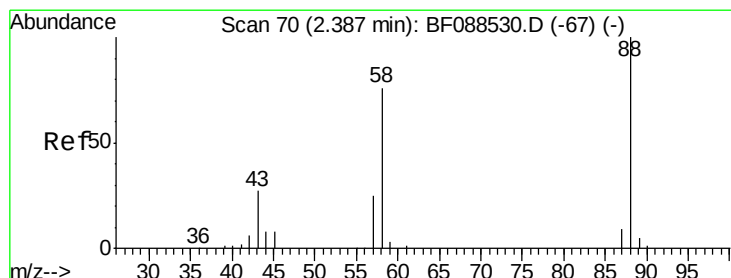
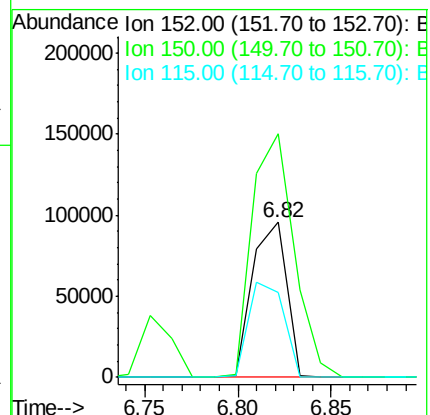
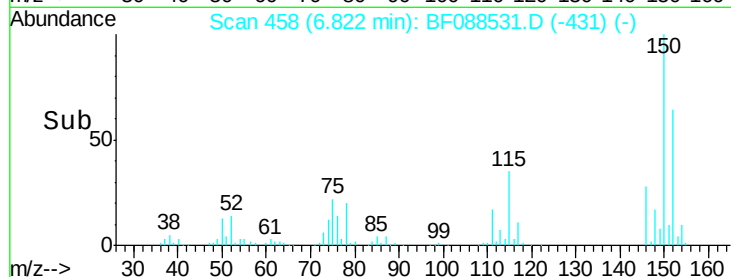
115 54.7 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 50.66 ng

RT: 2.39 min Scan# 70

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

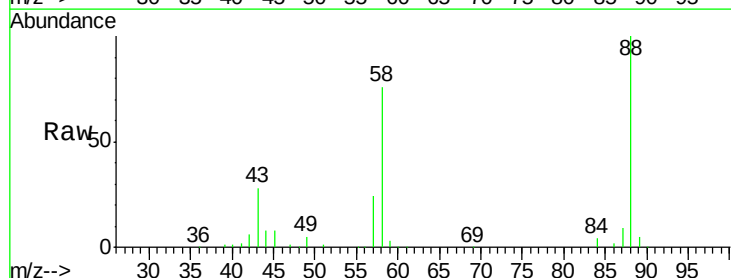
Tgt Ion: 88 Resp: 201897

Ion Ratio Lower Upper

88 100

58 71.6 0.0 0.0#

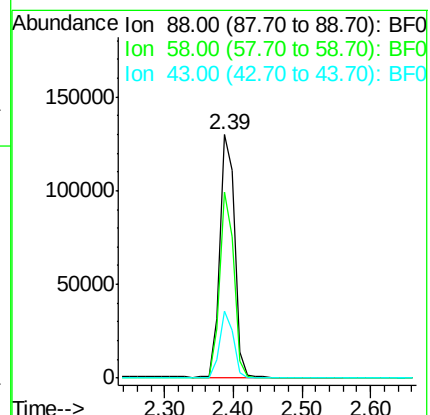
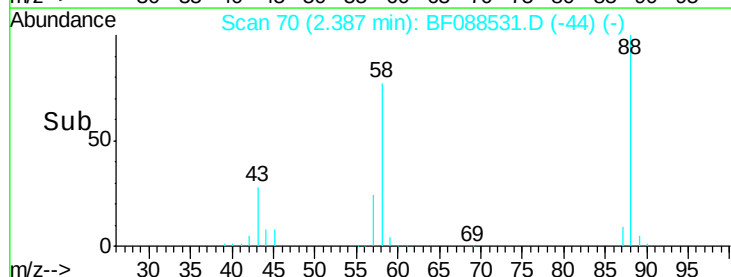
43 25.6 3.4 5.2#

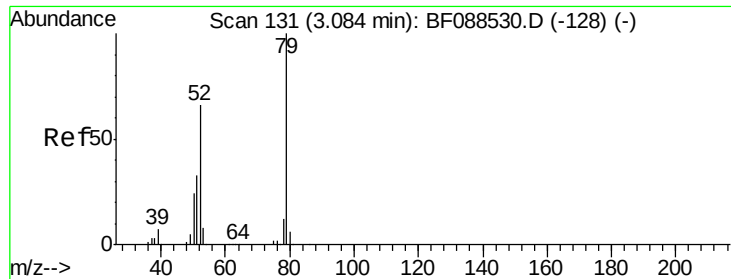


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 49.54 ng

RT: 3.08 min Scan# 131

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

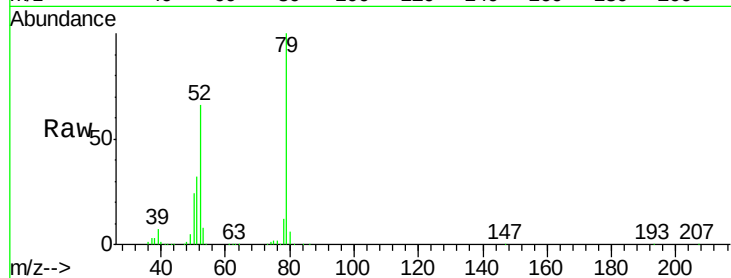
Tgt Ion: 79 Resp: 577483

Ion Ratio Lower Upper

79 100

52 65.7 56.3 84.5

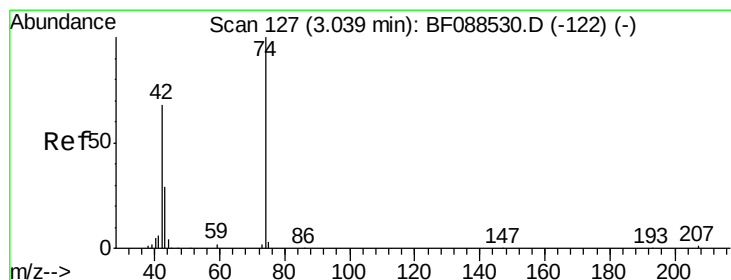
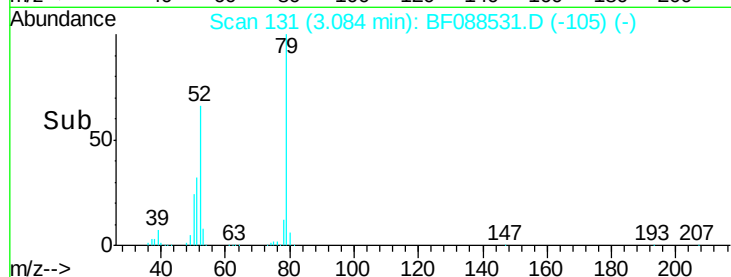
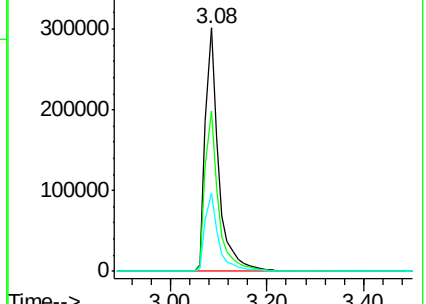
51 32.2 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 49.32 ng

RT: 3.04 min Scan# 127

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

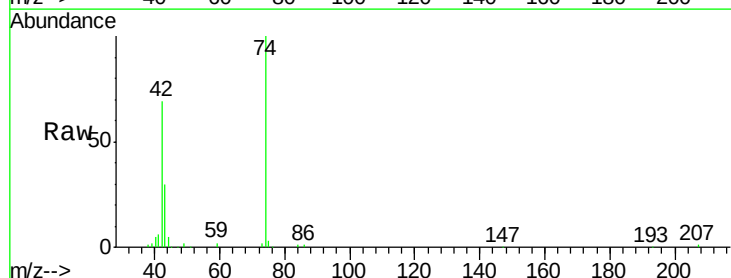
Tgt Ion: 42 Resp: 222928

Ion Ratio Lower Upper

42 100

74 145.5 108.6 163.0

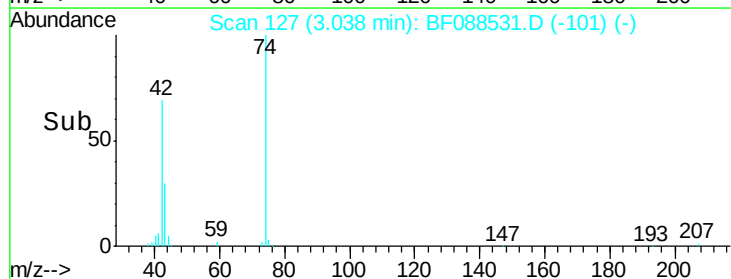
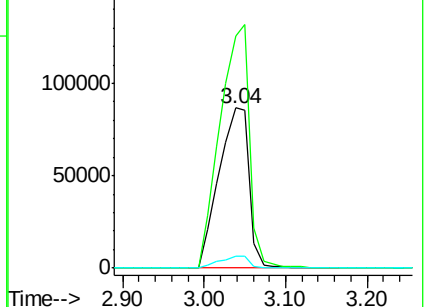
44 7.1 5.5 8.3

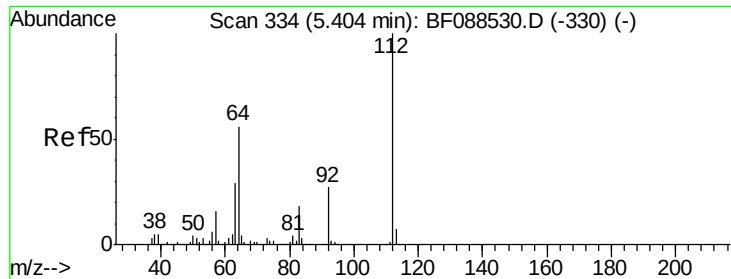


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 48.48 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.00 min

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Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

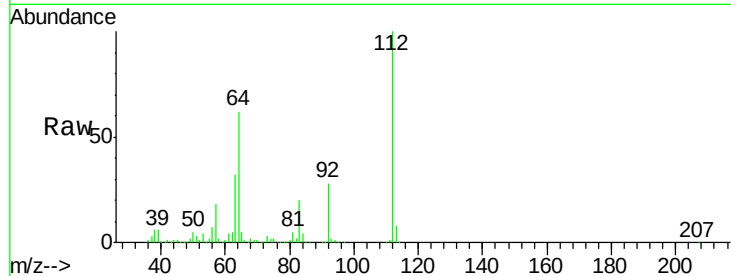
Tgt Ion: 112 Resp: 764261

Ion Ratio Lower Upper

112 100

64 62.5 42.2 63.2

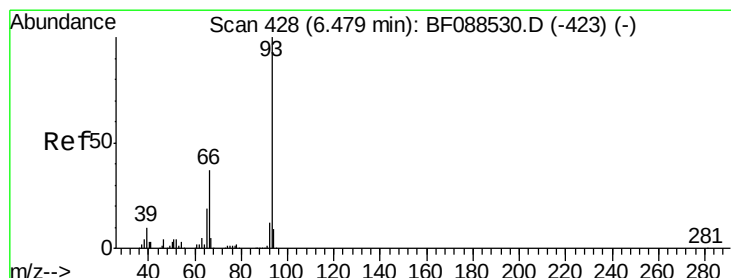
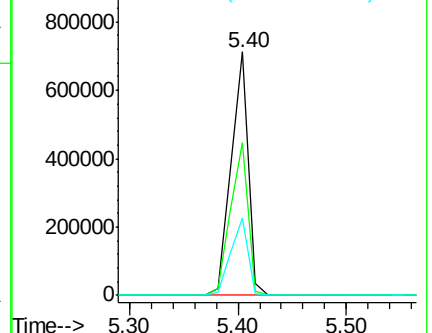
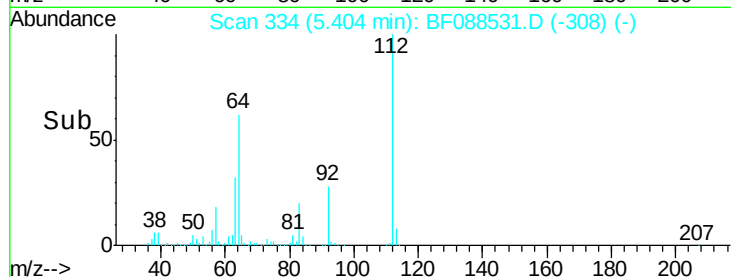
63 32.0 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 46.38 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

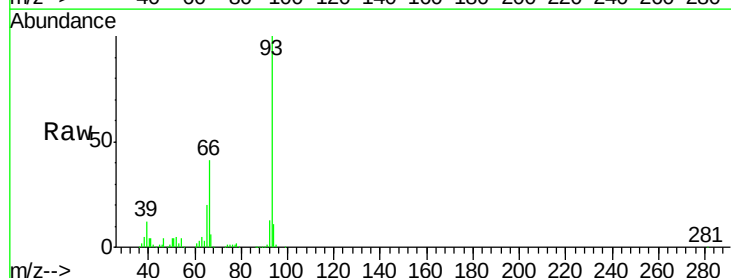
Tgt Ion: 93 Resp: 713651

Ion Ratio Lower Upper

93 100

66 40.8 29.8 44.8

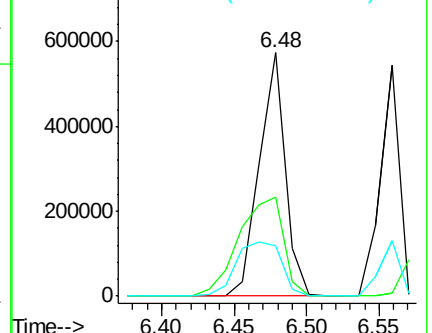
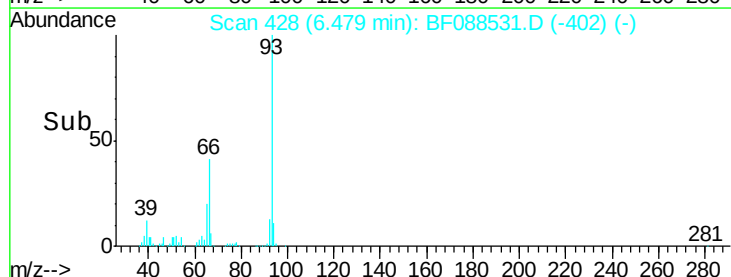
65 20.5 14.9 22.3

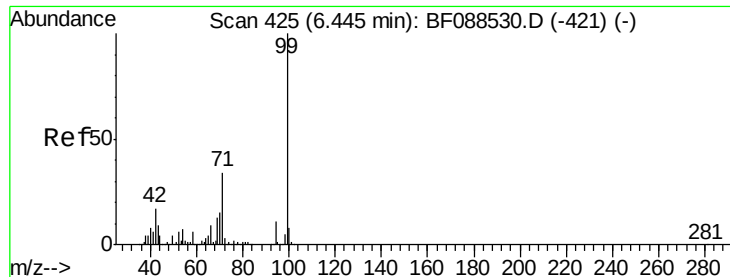


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 48.86 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

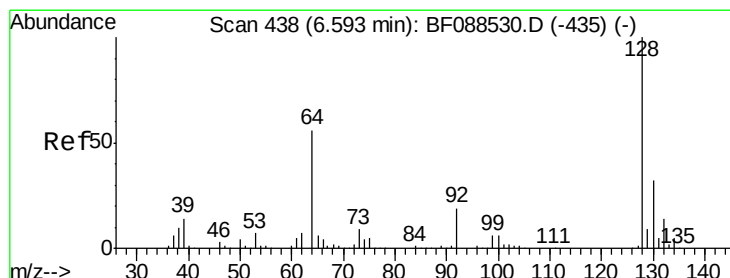
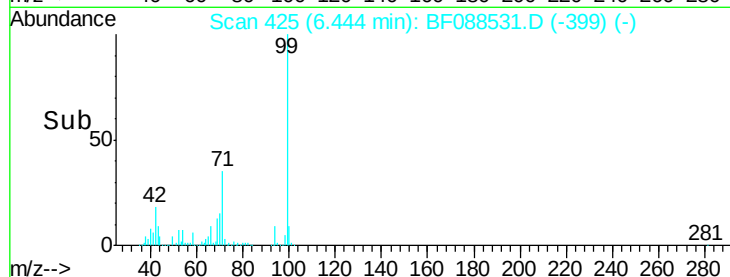
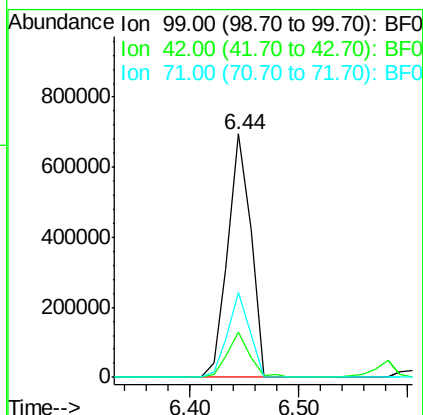
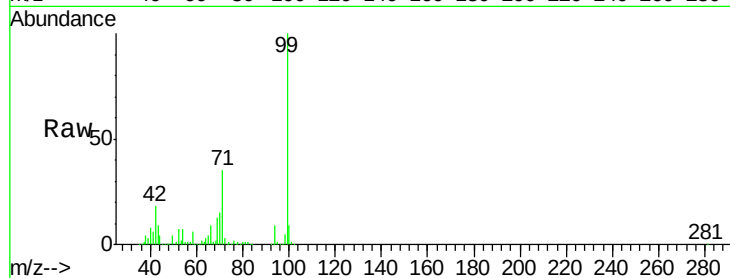
BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 1007114

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.4  | 12.2  | 18.2# |
| 71  | 34.7  | 23.4  | 35.0  |



#8

2-Chlorophenol

Concen: 48.63 ng

RT: 6.60 min Scan# 439

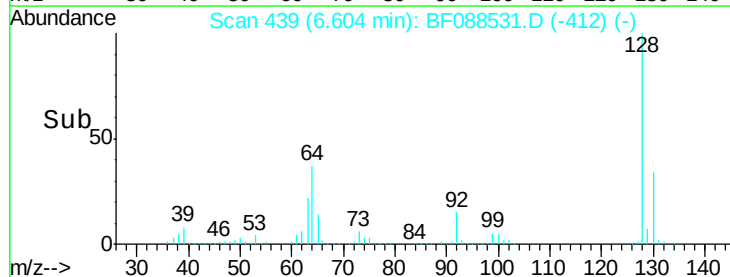
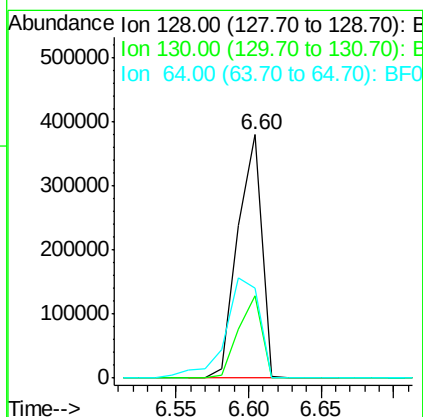
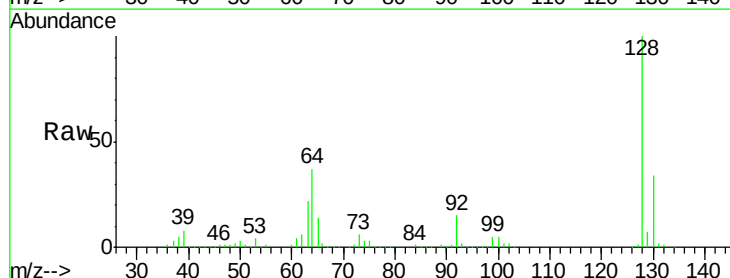
Delta R.T. 0.01 min

Lab File: BF088531.D

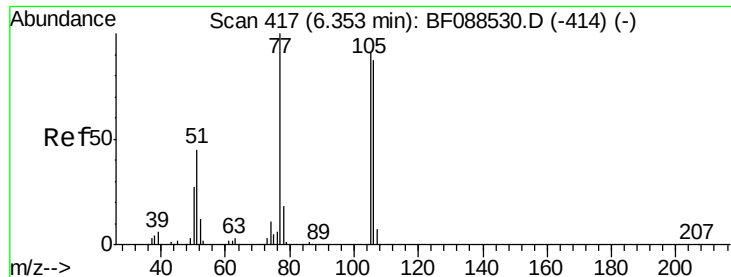
Acq: 30 Jun 2016 16:08

Tgt Ion: 128 Resp: 436165

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.8  | 12.0  | 52.0  |
| 64  | 36.9  | 30.8  | 70.8  |







#9

Benzaldehyde

Concen: 83.97 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.01 min

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Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

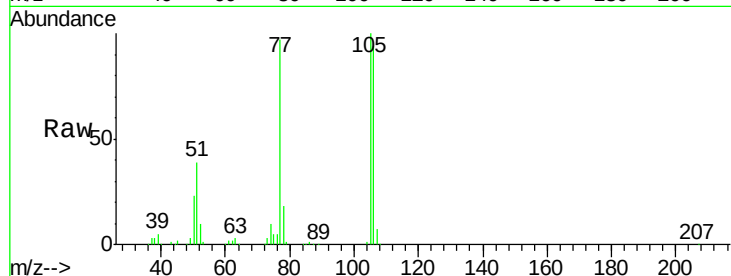
Tgt Ion: 77 Resp: 351920

Ion Ratio Lower Upper

77 100

105 103.6 90.6 130.6

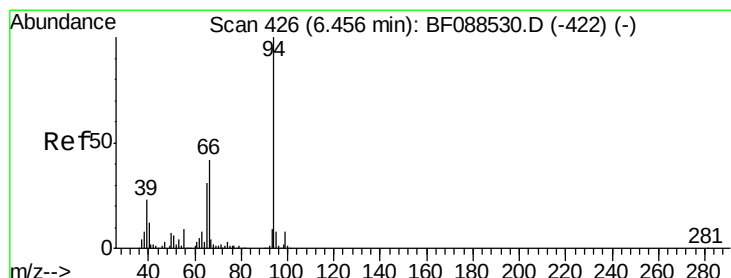
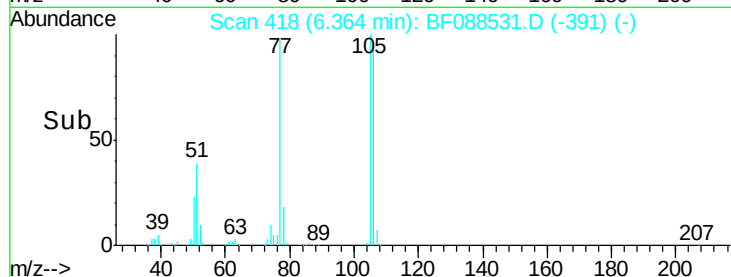
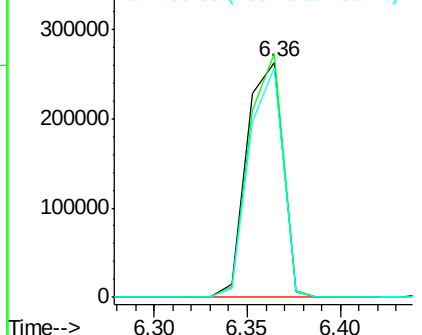
106 97.5 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.99 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

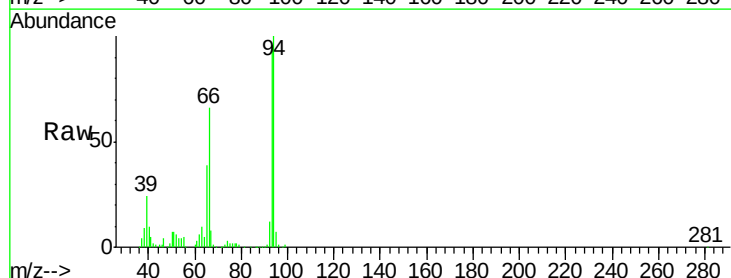
Tgt Ion: 94 Resp: 541349

Ion Ratio Lower Upper

94 100

65 39.1 5.9 45.9

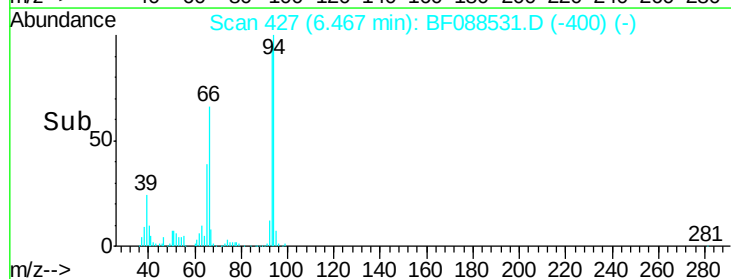
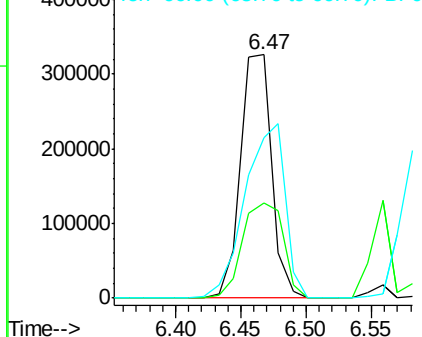
66 65.8 14.0 54.0#



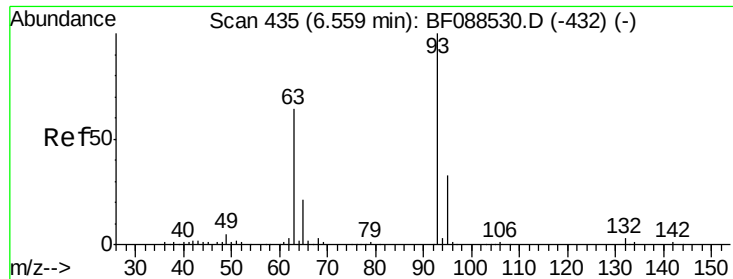
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



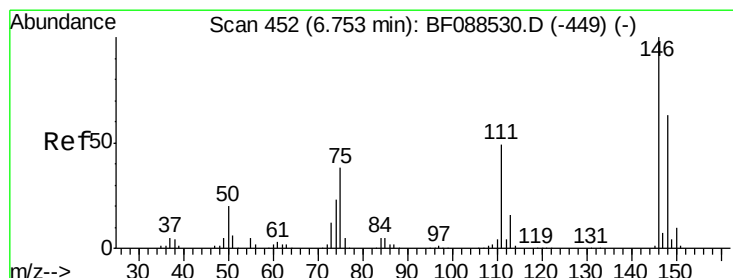
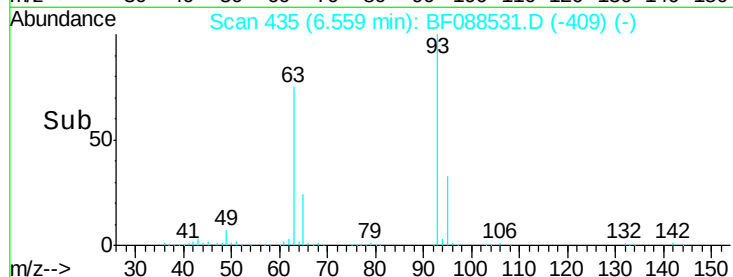
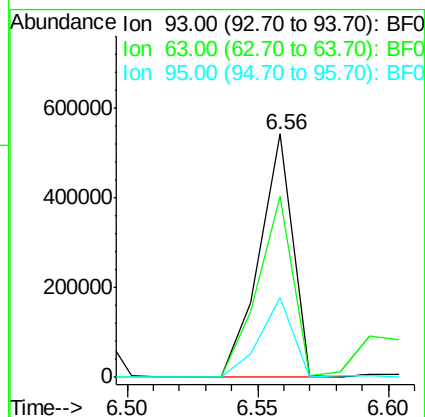
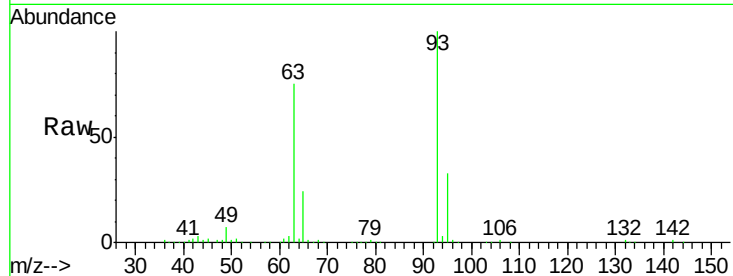




#11  
bis(2-Chloroethyl)ether  
Concen: 53.25 ng  
RT: 6.56 min Scan# 435  
Delta R.T. -0.00 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

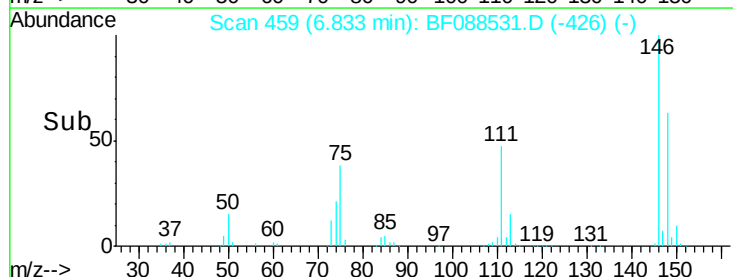
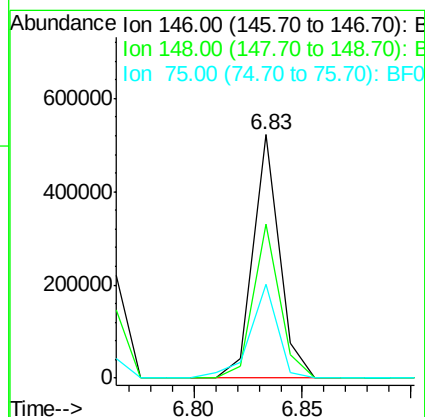
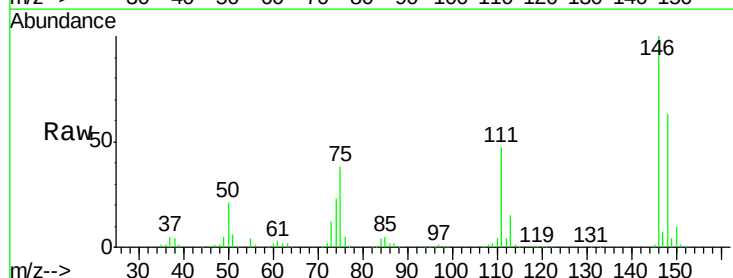
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

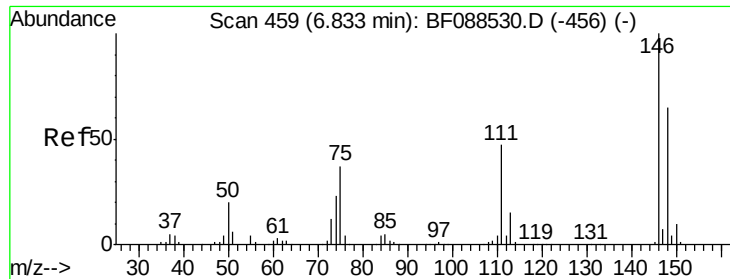
Tgt Ion: 93 Resp: 487626  
Ion Ratio Lower Upper  
93 100  
63 74.5 67.6 107.6  
95 32.6 12.5 52.5



#12  
1,3-Dichlorobenzene  
Concen: 46.80 ng  
RT: 6.83 min Scan# 459  
Delta R.T. 0.08 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

Tgt Ion: 146 Resp: 439701  
Ion Ratio Lower Upper  
146 100  
148 63.5 50.9 76.3  
75 38.4 25.6 38.4

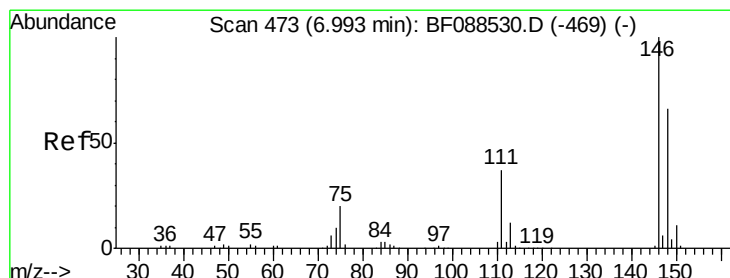
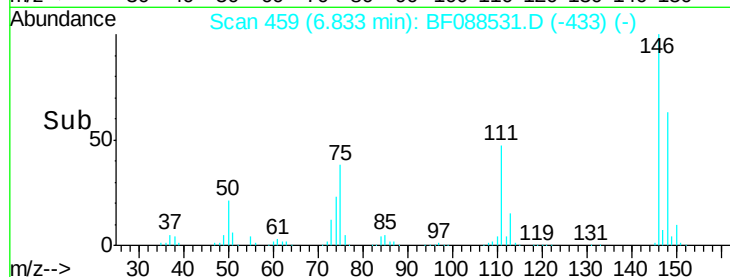
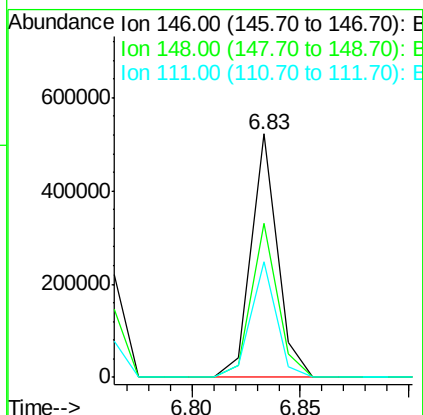
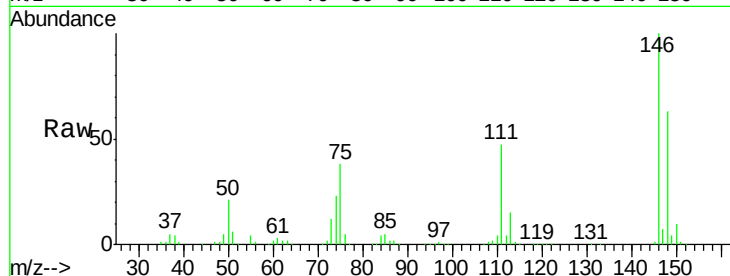




#13  
 1,4-Dichlorobenzene  
 Concen: 46.65 ng  
 RT: 6.83 min Scan# 459  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

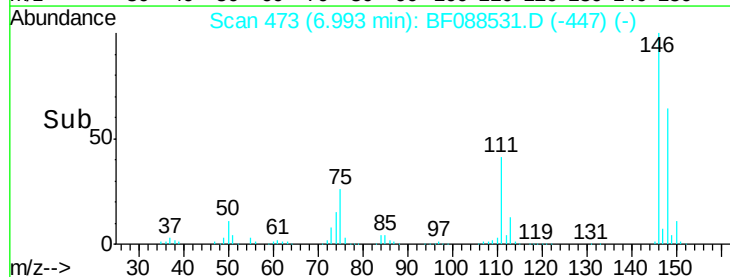
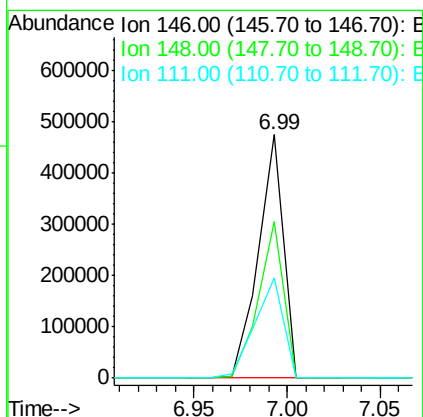
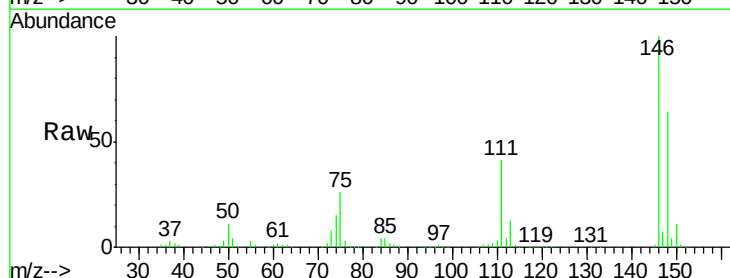
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

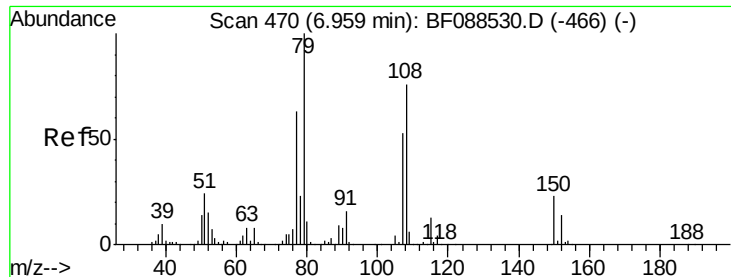
Tgt Ion:146 Resp: 439701  
 Ion Ratio Lower Upper  
 146 100  
 148 63.5 52.0 78.0  
 111 47.3 33.8 50.8



#14  
 1,2-Dichlorobenzene  
 Concen: 49.85 ng  
 RT: 6.99 min Scan# 473  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Tgt Ion:146 Resp: 438436  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 52.3 78.5  
 111 41.0 28.7 43.1





#15

Benzyl Alcohol

Concen: 43.31 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

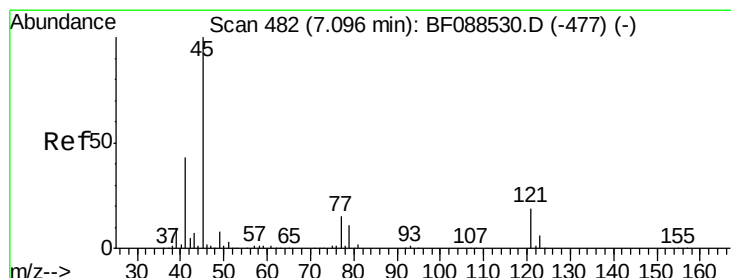
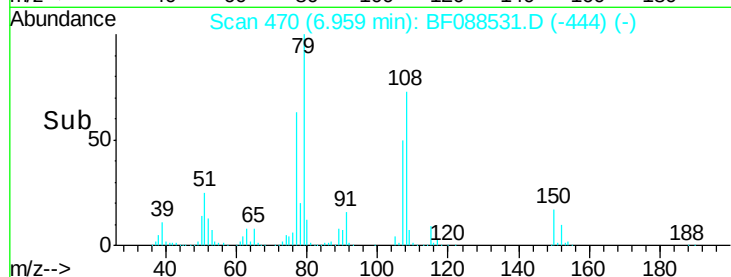
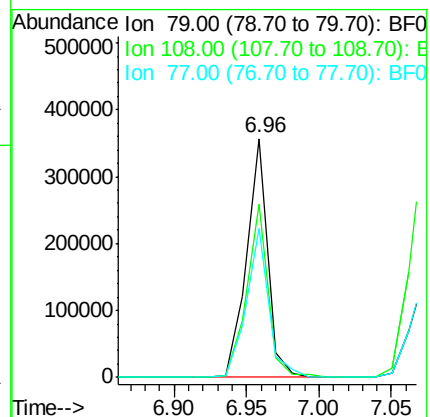
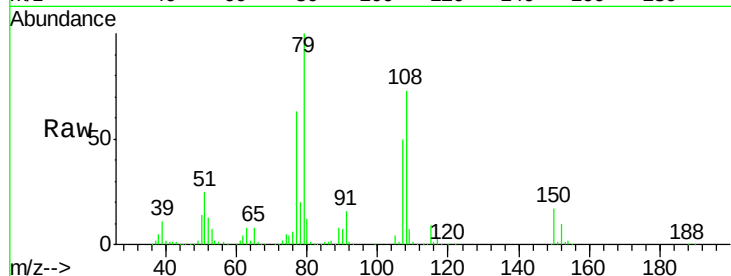
Tgt Ion: 79 Resp: 361978

Ion Ratio Lower Upper

79 100

108 72.9 65.0 97.6

77 62.6 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.61 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

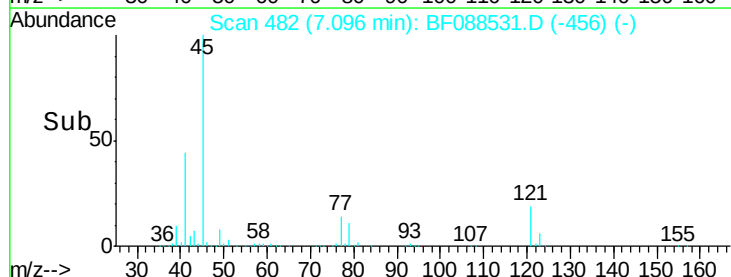
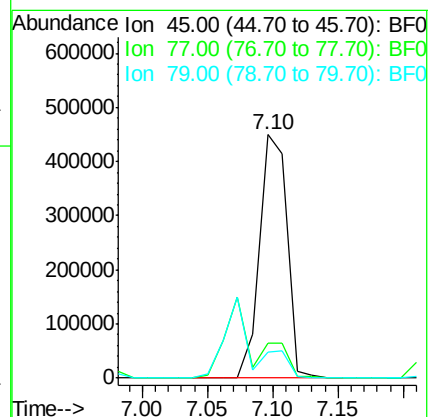
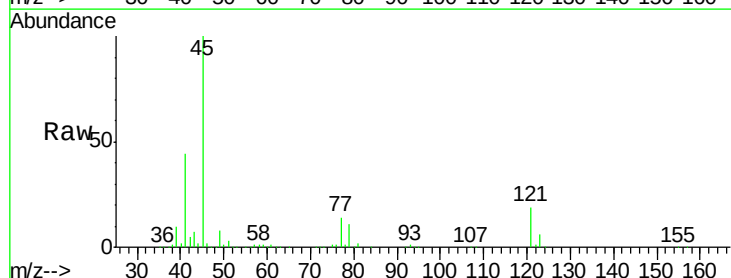
Tgt Ion: 45 Resp: 661388

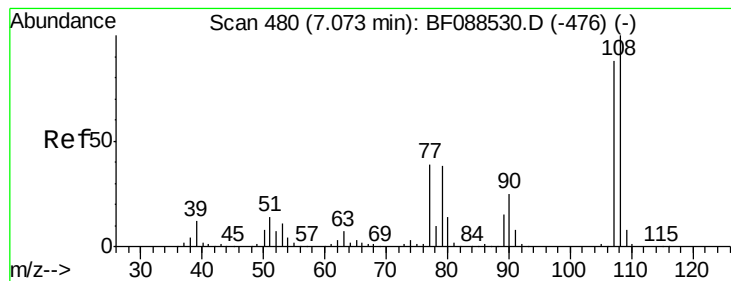
Ion Ratio Lower Upper

45 100

77 14.4 0.0 32.5

79 10.7 0.0 29.5





#17

2-Methylphenol

Concen: 44.78 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 339277

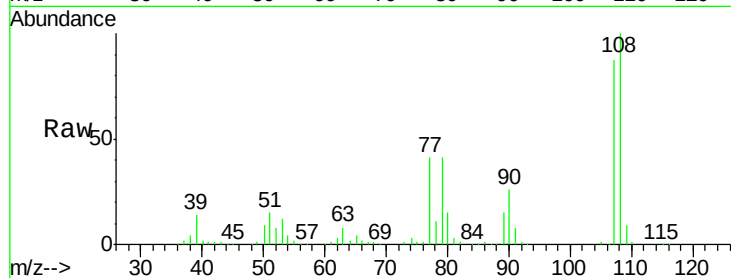
Ion Ratio Lower Upper

107 100

108 114.7 90.9 136.3

77 47.3 36.6 55.0

79 47.1 36.5 54.7

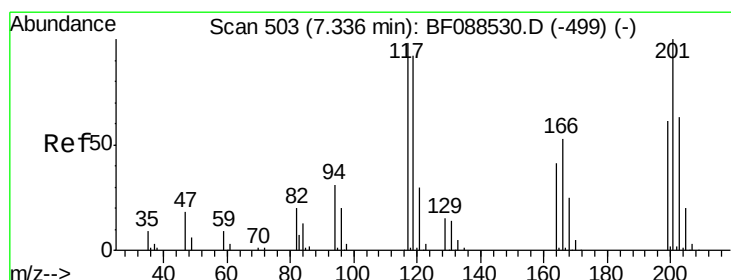
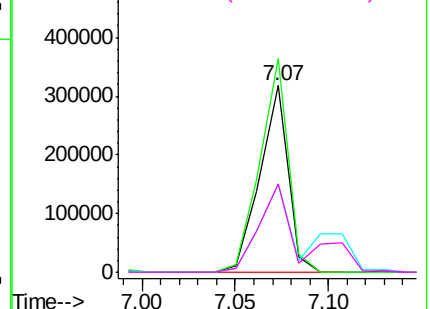
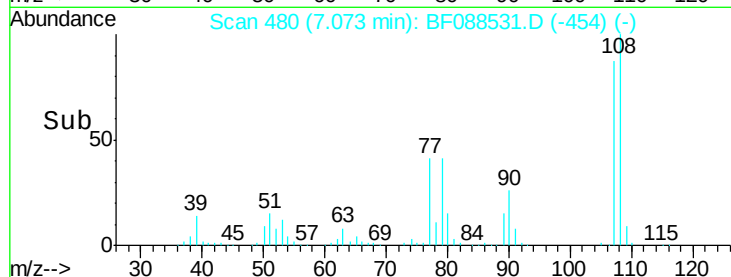


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 51.18 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

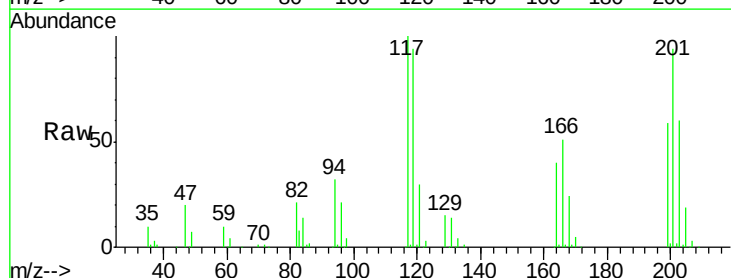
Tgt Ion:117 Resp: 186071

Ion Ratio Lower Upper

117 100

119 94.3 77.4 116.2

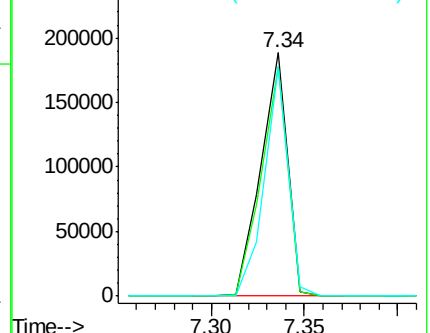
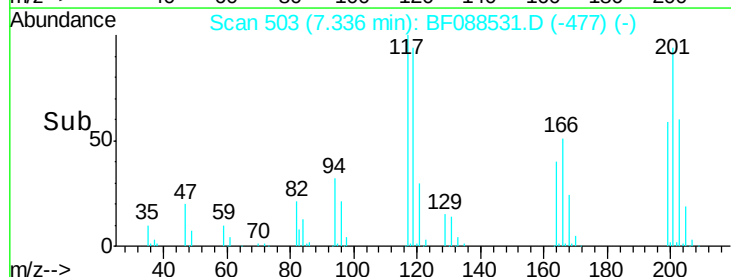
201 94.0 80.4 120.6

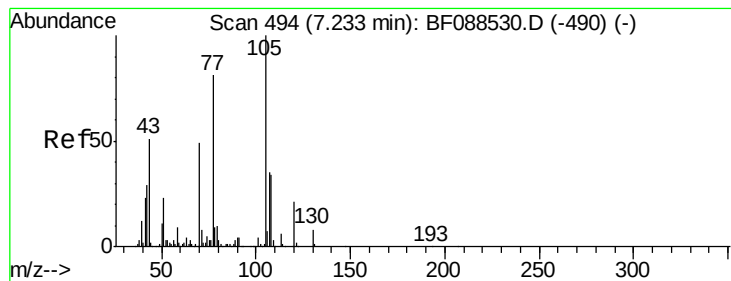


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 49.06 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 350603

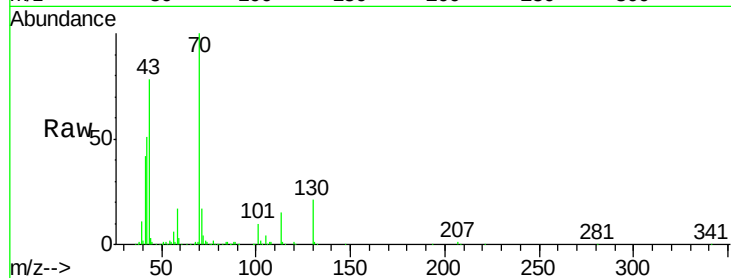
Ion Ratio Lower Upper

70 100

42 51.2 49.6 74.4

101 9.5 7.1 10.7

130 21.0 15.4 23.2

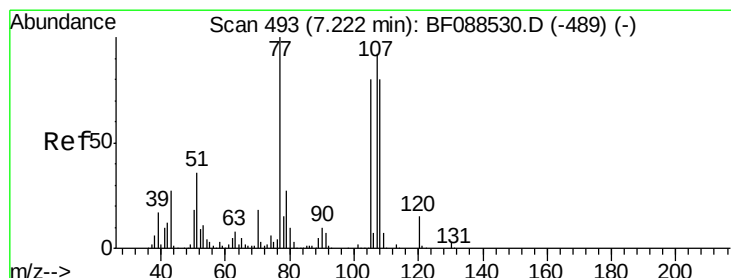
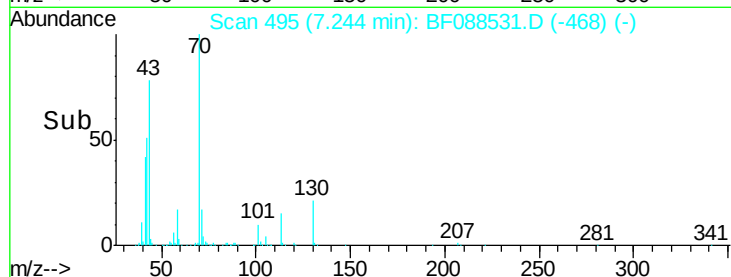
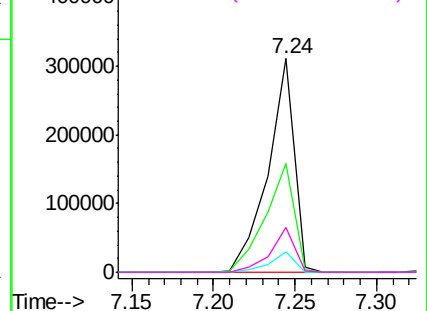


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 47.29 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Tgt Ion: 107 Resp: 421164

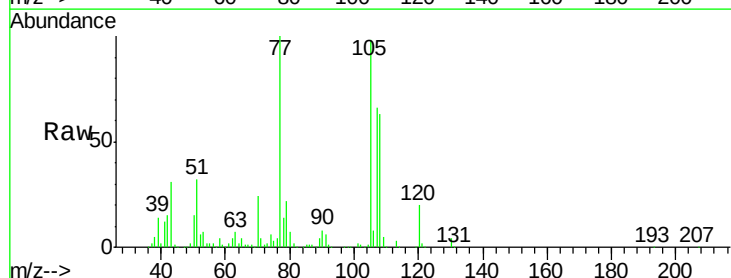
Ion Ratio Lower Upper

107 100

108 95.5 67.8 107.8

77 151.3 59.3 99.3#

79 33.2 7.0 47.0

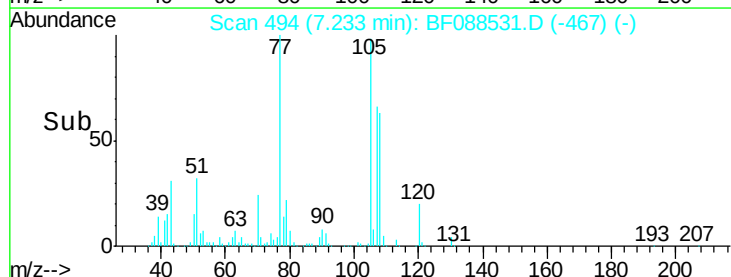
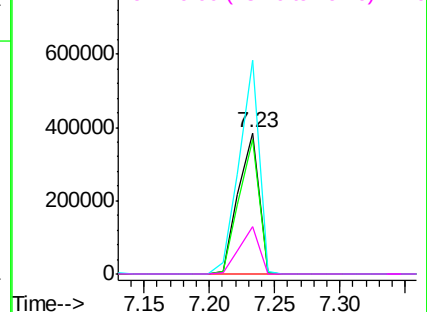


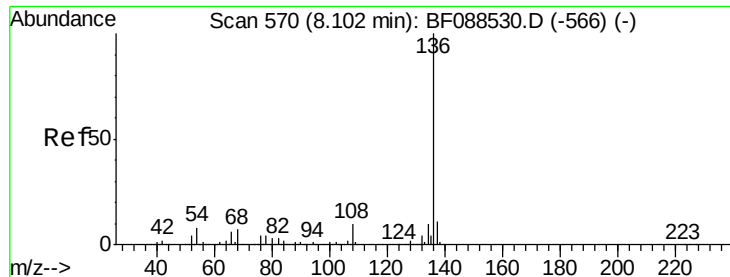
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 507440

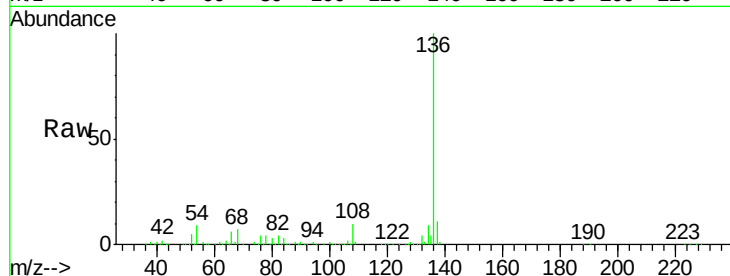
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.0 6.6 10.0

68 7.5 5.1 7.7

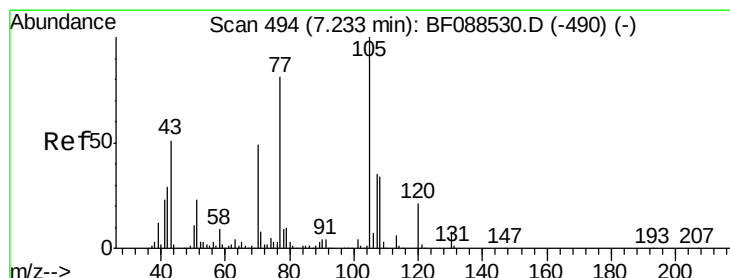
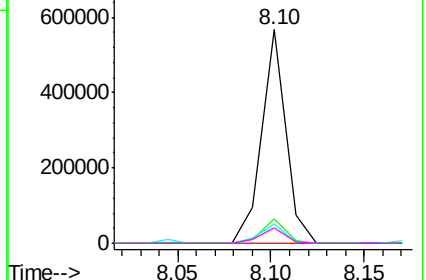
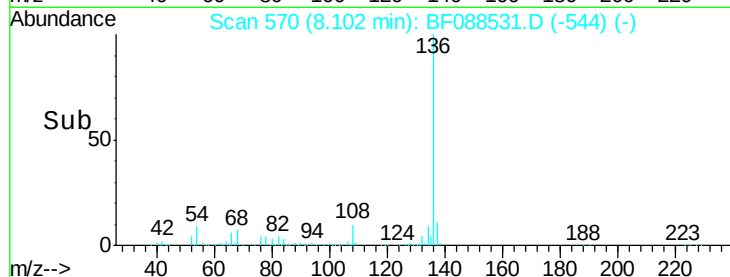


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.31 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Tgt Ion:105 Resp: 581308

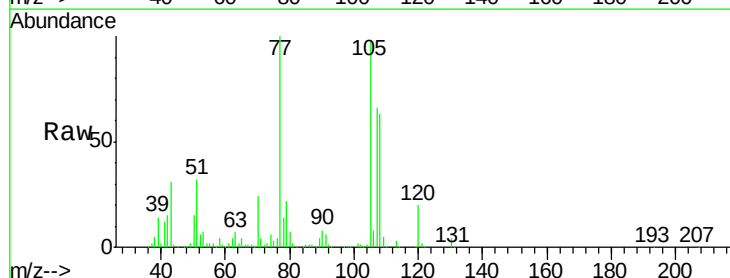
Ion Ratio Lower Upper

105 100

71 4.2 5.3 7.9#

51 32.6 18.2 27.4#

120 20.3 18.0 27.0

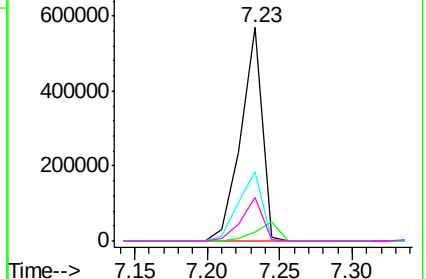
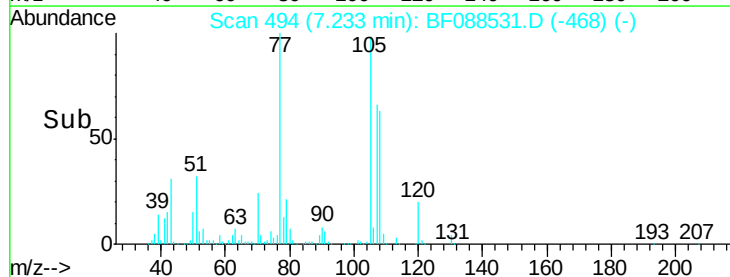


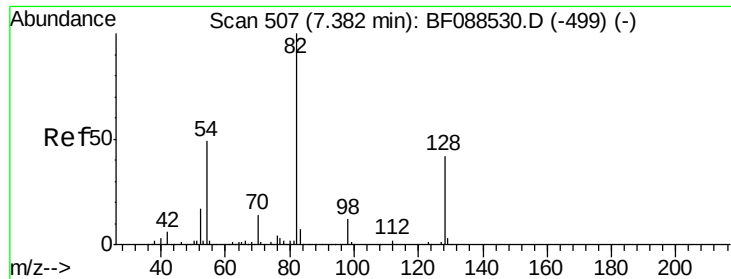
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

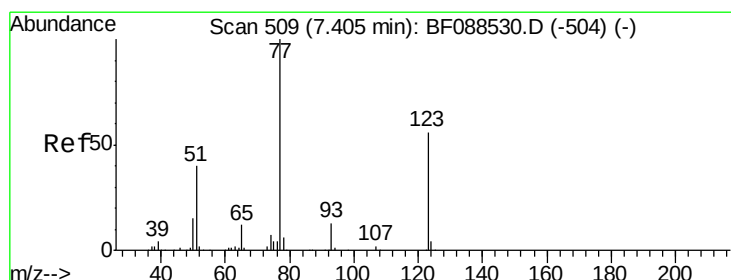
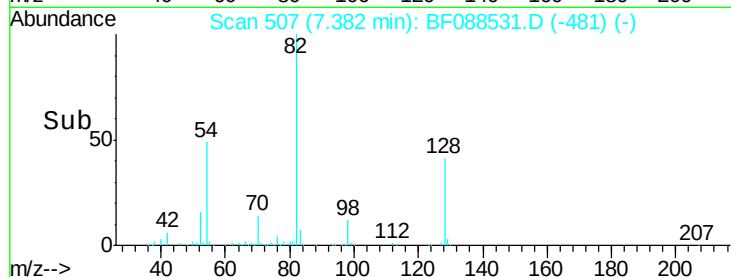
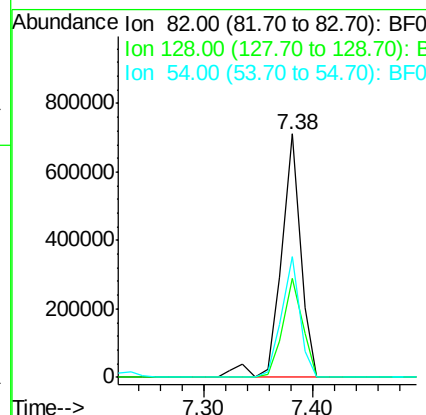
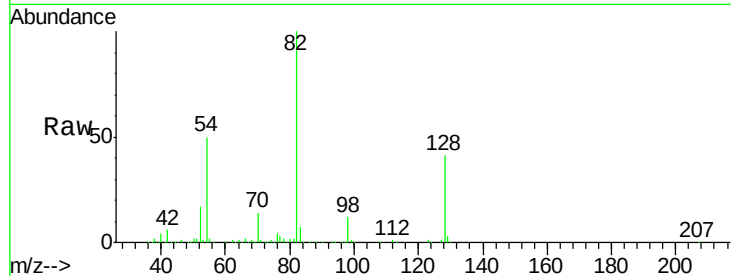




#23  
Nitrobenzene-d5  
Concen: 45.18 ng  
RT: 7.38 min Scan# 507  
Delta R.T. -0.00 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

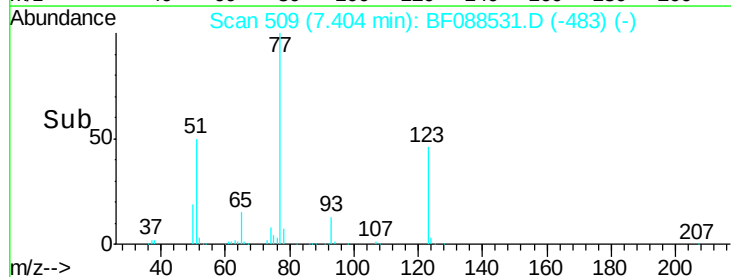
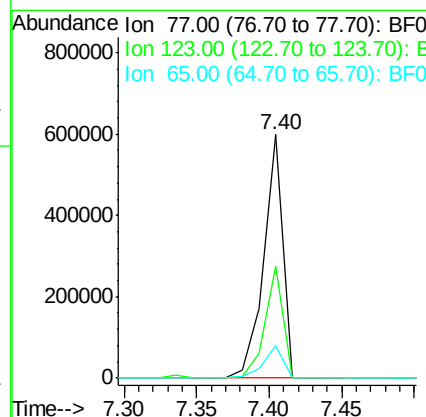
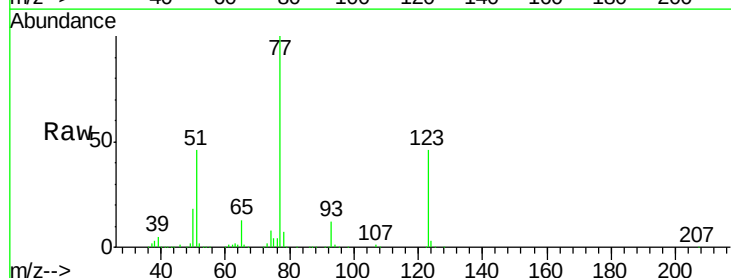
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.8  | 35.9  | 53.9  |
| 54      | 49.6  | 40.9  | 61.3  |

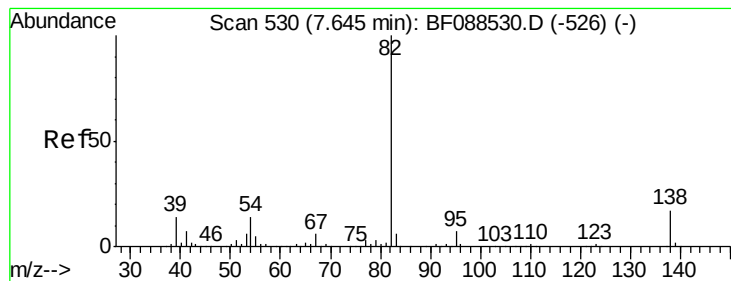


#24  
Nitrobenzene  
Concen: 53.21 ng  
RT: 7.40 min Scan# 509  
Delta R.T. -0.00 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.0  | 45.0  | 67.4  |
| 65      | 13.2  | 10.2  | 15.2  |







#25

Isophorone

Concen: 44.78 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

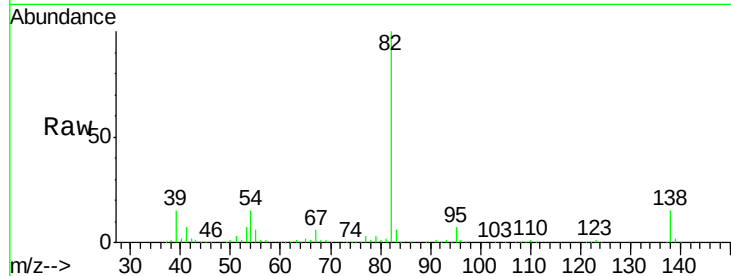
Tgt Ion: 82 Resp: 857394

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

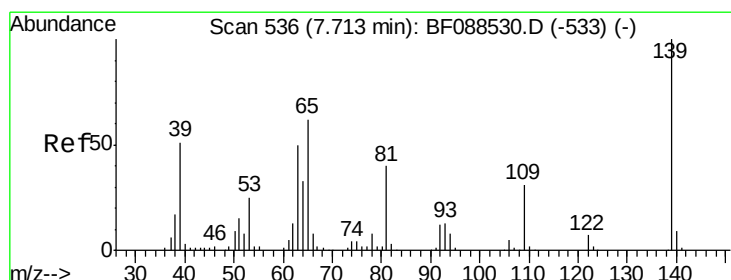
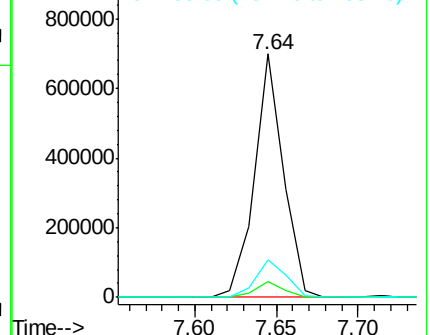
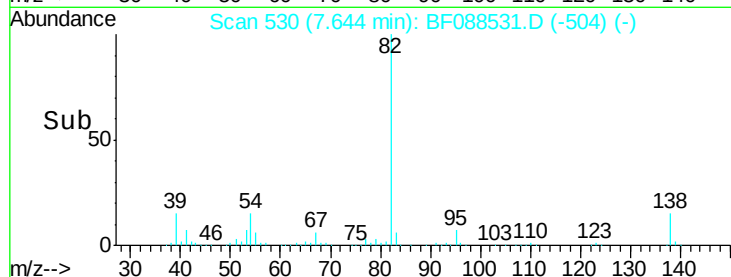
138 15.4 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.11 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

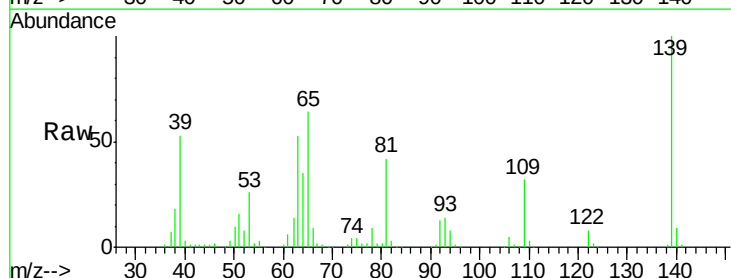
Tgt Ion: 139 Resp: 191521

Ion Ratio Lower Upper

139 100

109 32.0 23.0 34.4

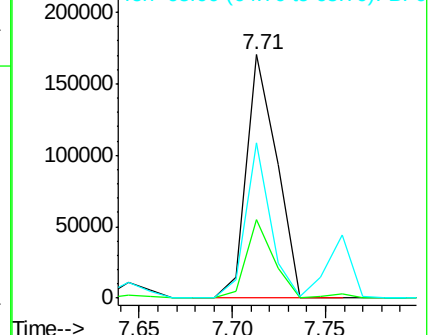
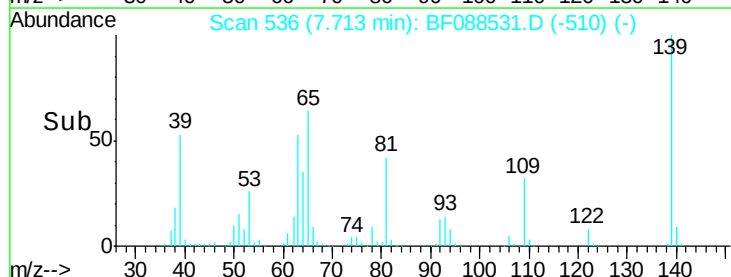
65 63.5 45.8 68.8

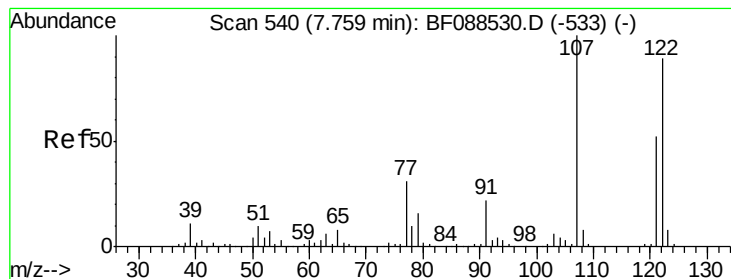


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

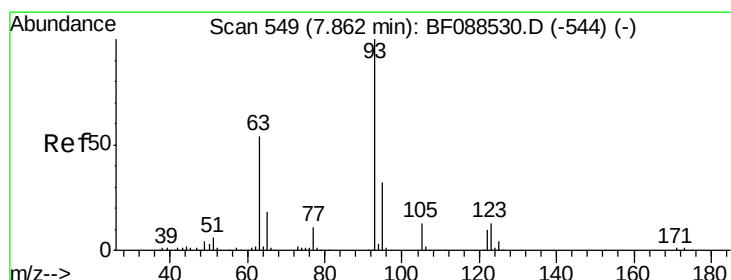
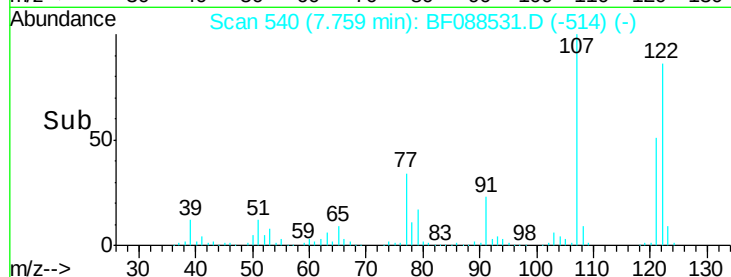
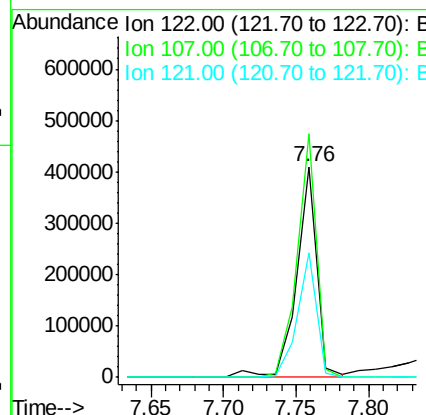
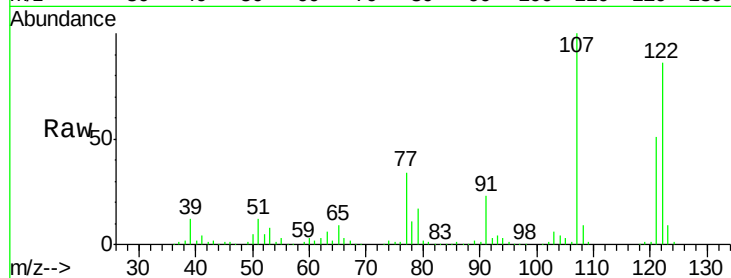




#27  
 2,4-Dimethylphenol  
 Concen: 46.83 ng  
 RT: 7.76 min Scan# 540  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

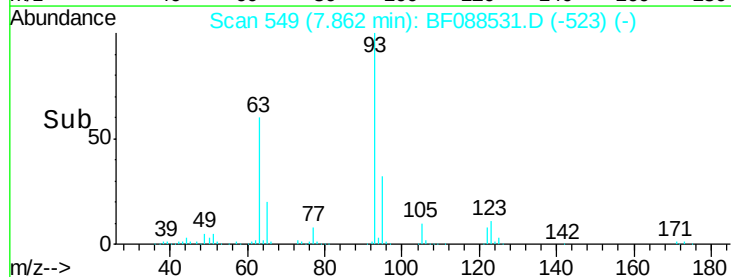
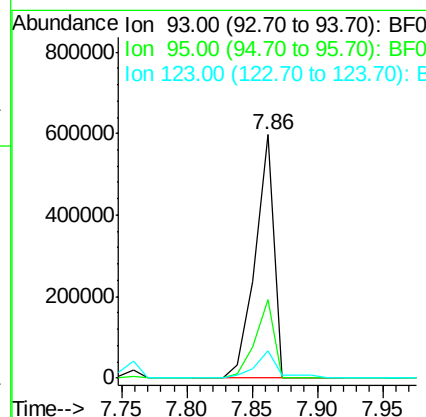
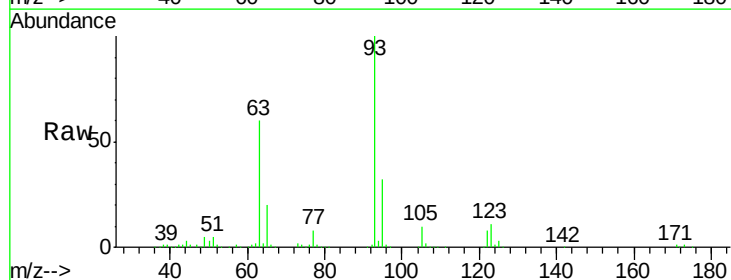
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

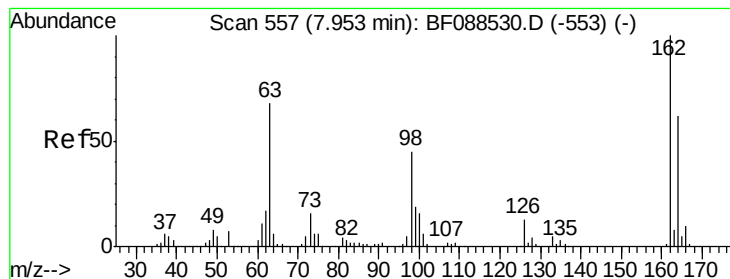
Tgt Ion: 122 Resp: 397120  
 Ion Ratio Lower Upper  
 122 100  
 107 115.8 82.4 123.6  
 121 59.1 46.3 69.5



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 50.19 ng  
 RT: 7.86 min Scan# 549  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Tgt Ion: 93 Resp: 596987  
 Ion Ratio Lower Upper  
 93 100  
 95 32.5 26.5 39.7  
 123 11.3 11.6 17.4#





#29

2,4-Dichlorophenol

Concen: 45.27 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

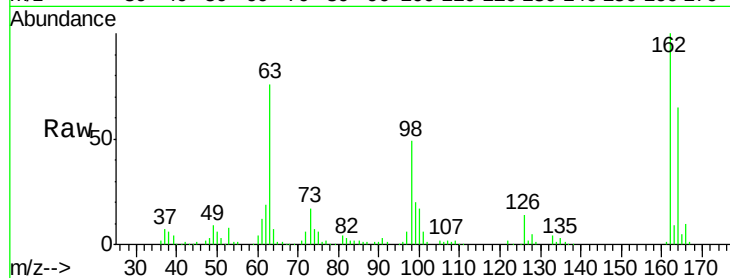
Tgt Ion:162 Resp: 318094

Ion Ratio Lower Upper

162 100

164 64.9 43.8 83.8

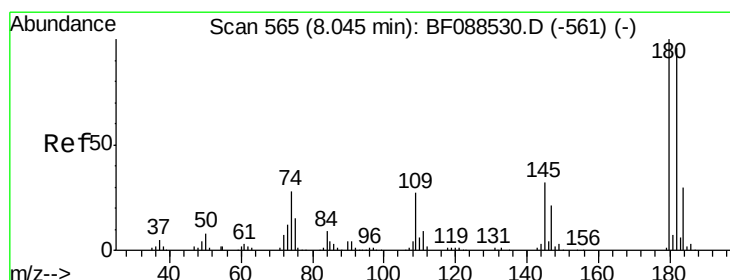
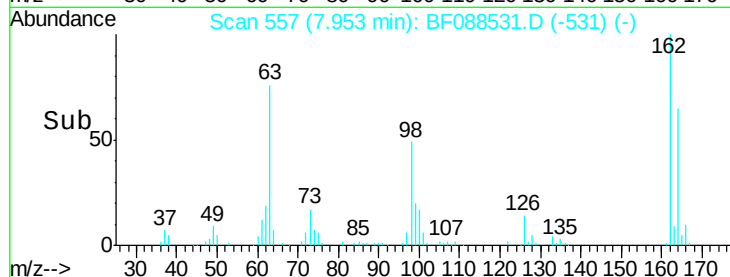
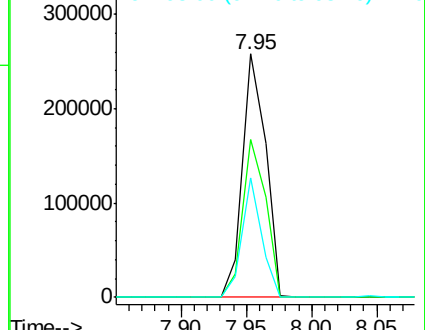
98 48.8 21.3 61.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 47.47 ng

RT: 8.04 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

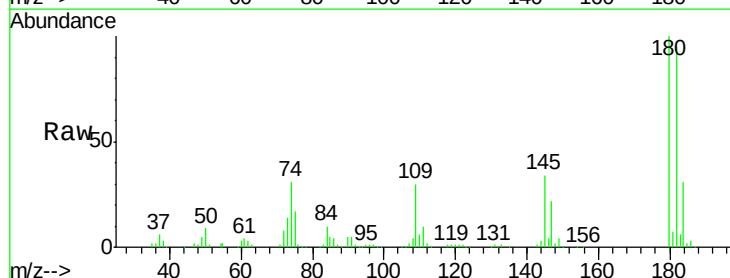
Tgt Ion:180 Resp: 352664

Ion Ratio Lower Upper

180 100

182 95.4 76.0 114.0

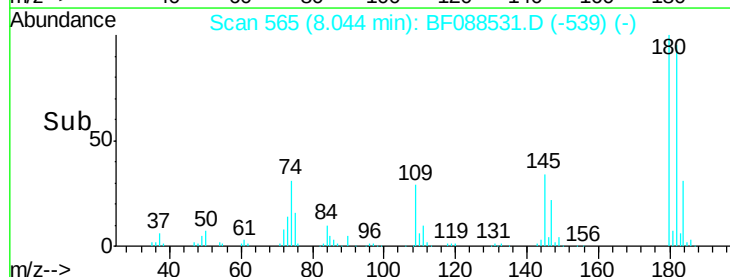
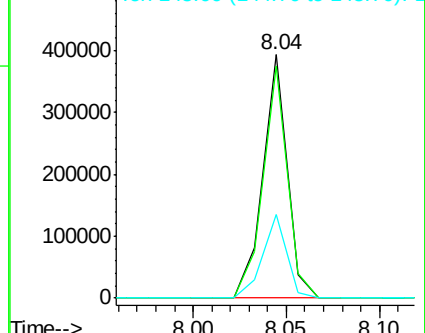
145 34.4 26.5 39.7

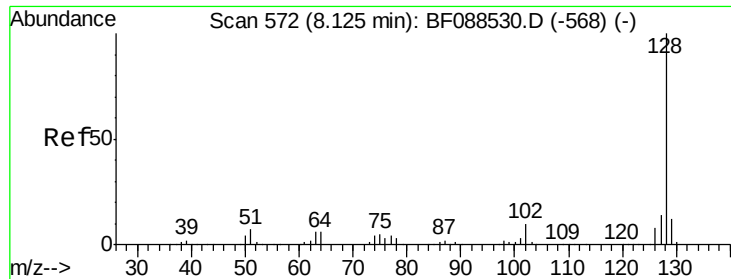


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

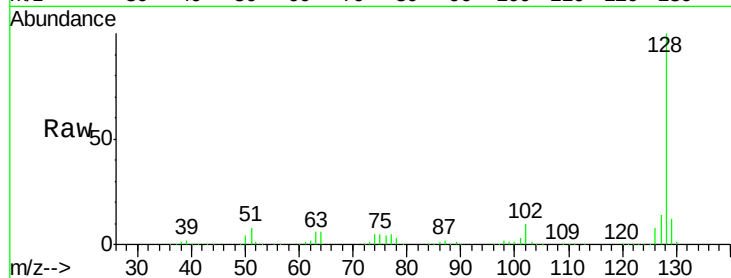




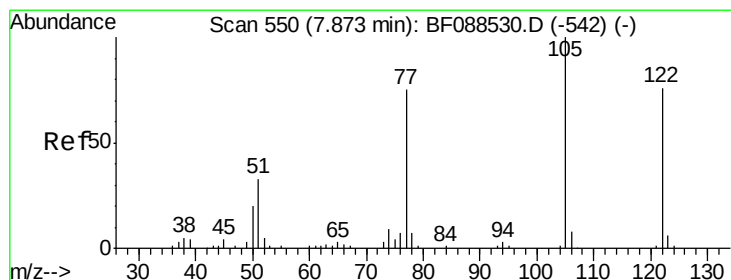
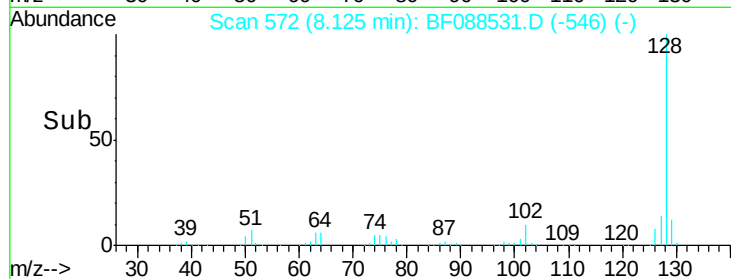
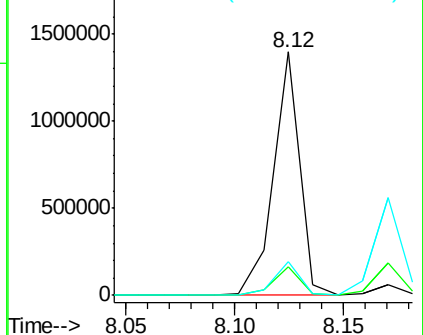
#31  
Naphthalene  
Concen: 47.47 ng  
RT: 8.12 min Scan# 572  
Delta R.T. -0.00 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tgt Ion:128 Resp: 1184403  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.4 14.2  
127 13.9 10.9 16.3

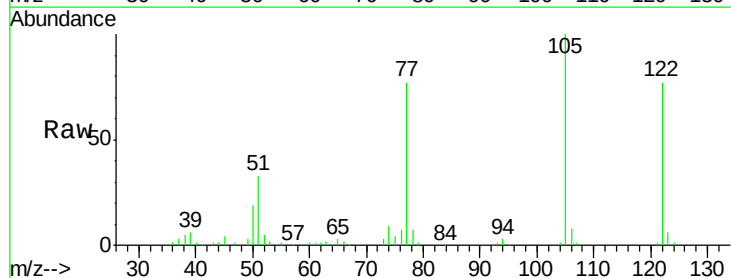


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

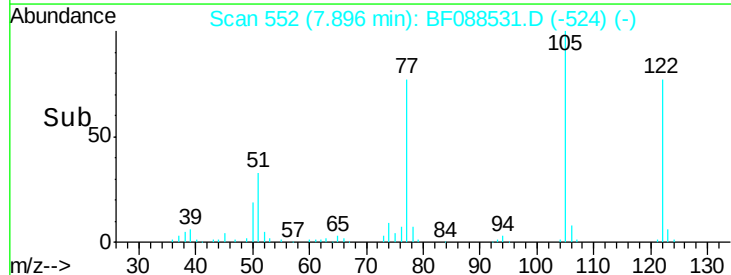
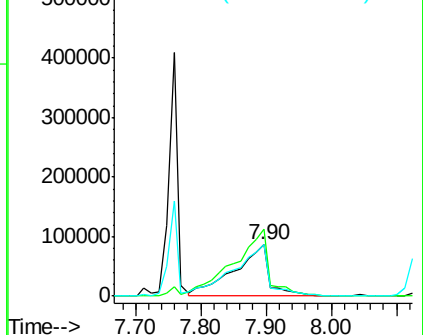


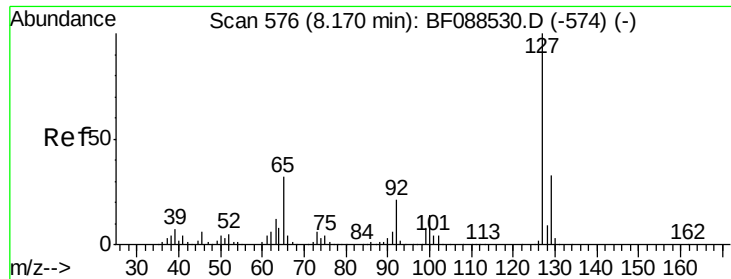
#32  
Benzoic acid  
Concen: 70.64 ng  
RT: 7.90 min Scan# 552  
Delta R.T. 0.02 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

Tgt Ion:122 Resp: 322735  
Ion Ratio Lower Upper  
122 100  
105 129.7 101.6 141.6  
77 99.9 70.6 110.6



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

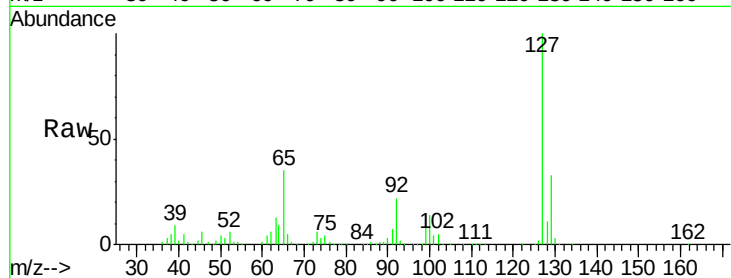




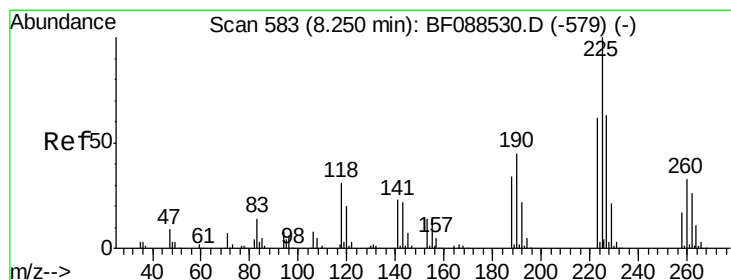
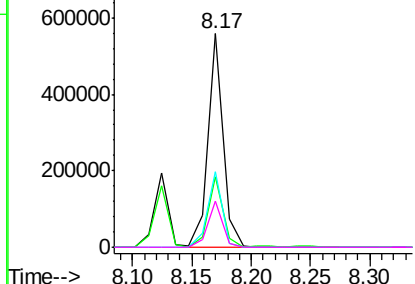
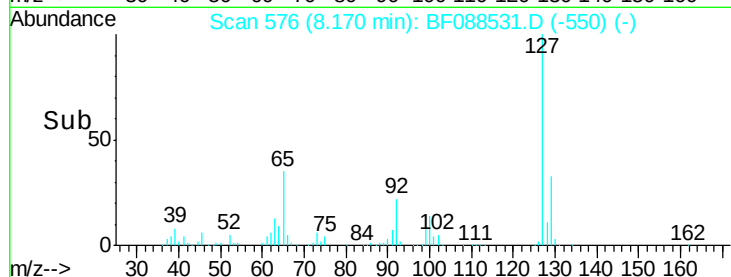
#33  
4-Chloroaniline  
Concen: 45.46 ng  
RT: 8.17 min Scan# 576  
Delta R.T. -0.00 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 498456 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.9  | 26.3  | 39.5   |
| 65       | 35.5  | 24.7  | 37.1   |
| 92       | 21.9  | 15.4  | 23.0   |

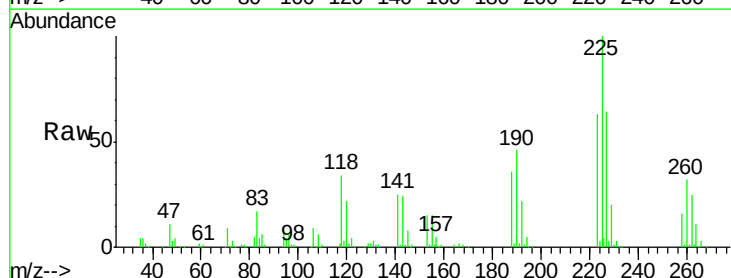


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

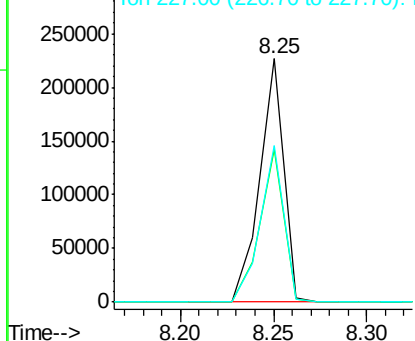
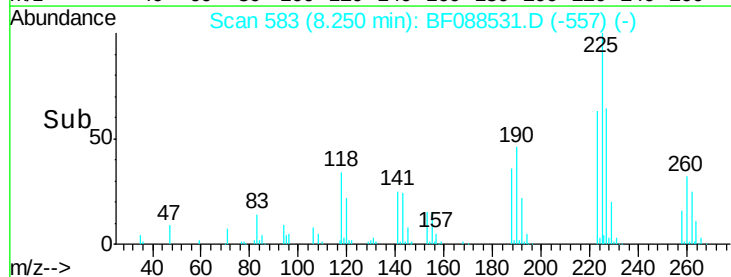


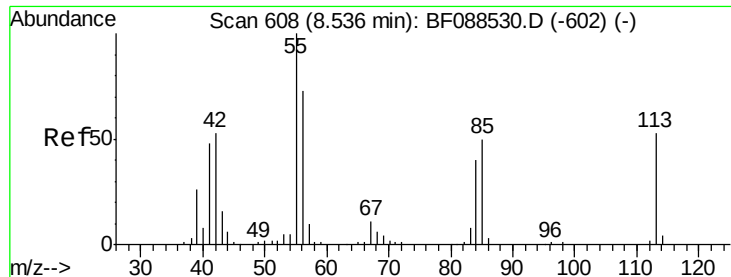
#34  
Hexachlorobutadiene  
Concen: 50.75 ng  
RT: 8.25 min Scan# 583  
Delta R.T. -0.00 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 199855 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.7  | 50.9  | 76.3   |
| 227      | 64.2  | 51.9  | 77.9   |



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

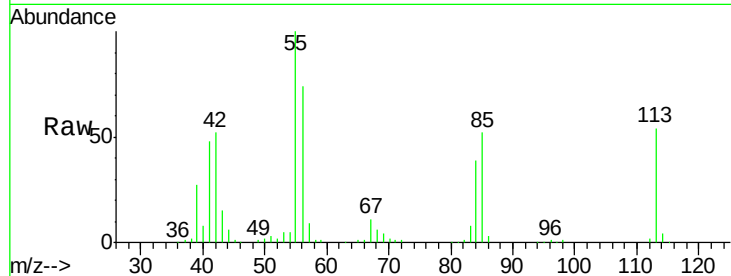




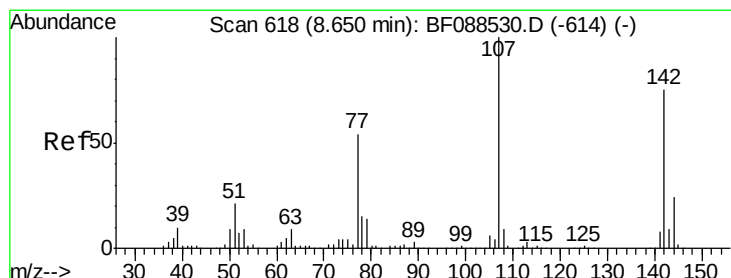
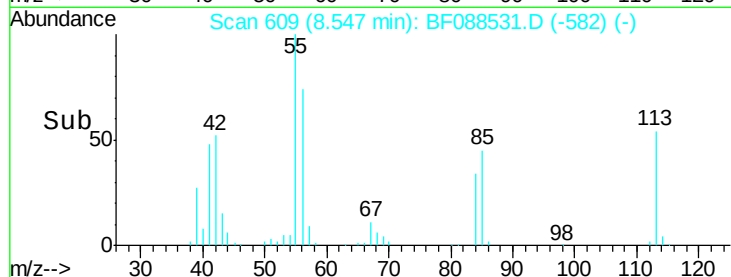
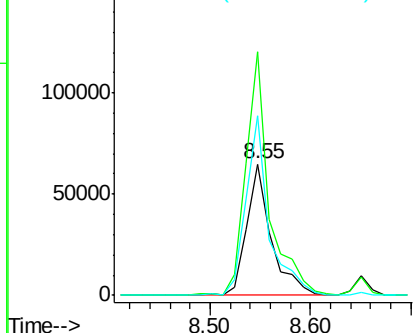
#35  
 Caprolactam  
 Concen: 44.27 ng  
 RT: 8.55 min Scan# 609  
 Delta R.T. 0.01 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tgt Ion:113 Resp: 110020  
 Ion Ratio Lower Upper  
 113 100  
 55 185.8 158.6 198.6  
 56 137.5 110.6 150.6

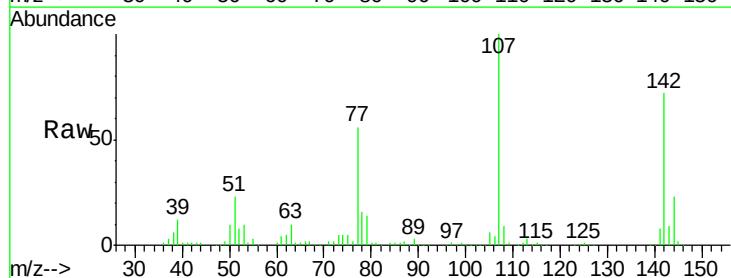


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

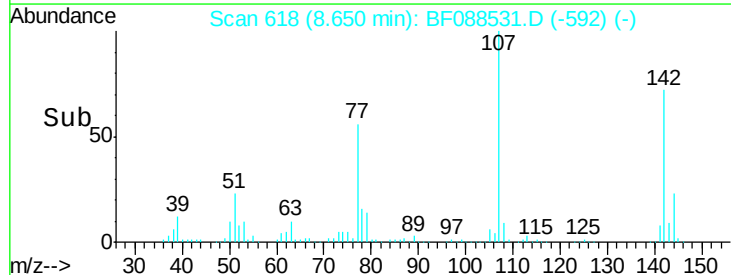
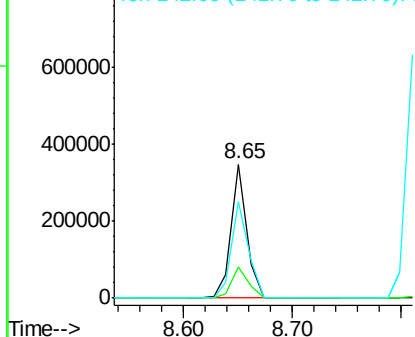


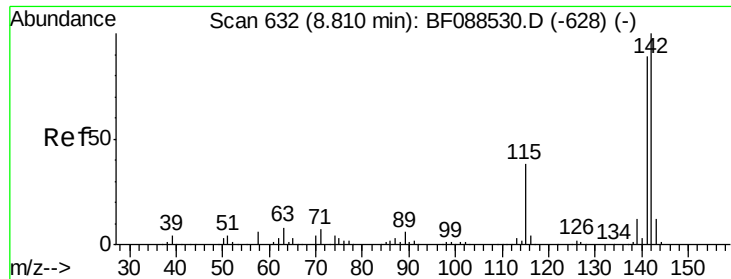
#36  
 4-Chloro-3-methylphenol  
 Concen: 43.62 ng  
 RT: 8.65 min Scan# 618  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Tgt Ion:107 Resp: 347456  
 Ion Ratio Lower Upper  
 107 100  
 144 23.0 20.8 31.2  
 142 71.6 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

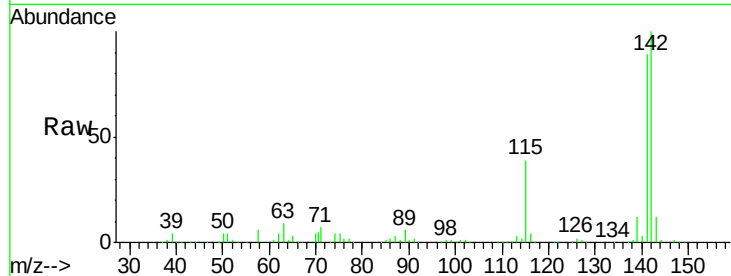




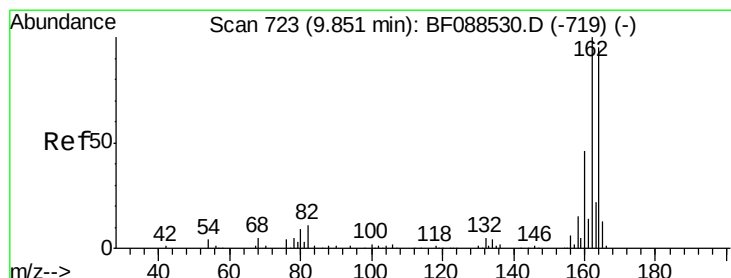
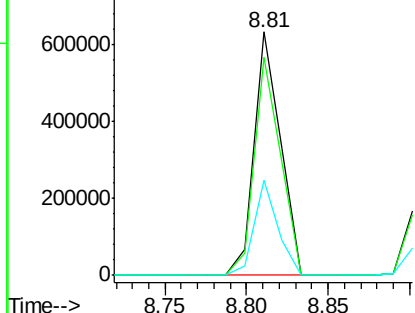
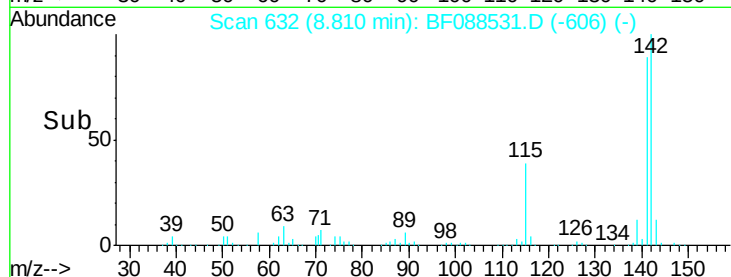
#37  
 2-Methylnaphthalene  
 Concen: 42.83 ng  
 RT: 8.81 min Scan# 632  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tgt Ion:142 Resp: 708732  
 Ion Ratio Lower Upper  
 142 100  
 141 89.4 71.0 106.6  
 115 38.9 22.6 33.8#

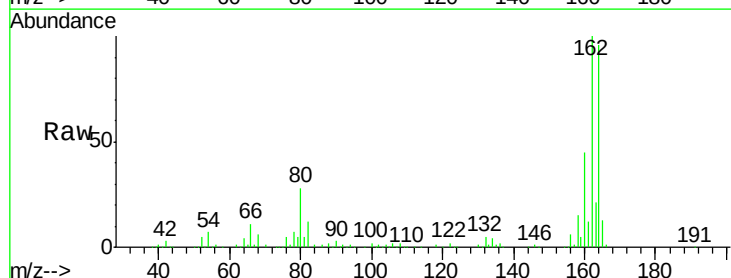


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

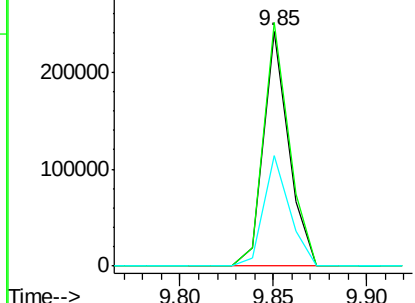
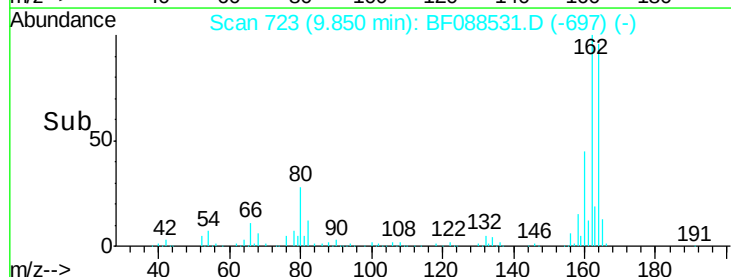


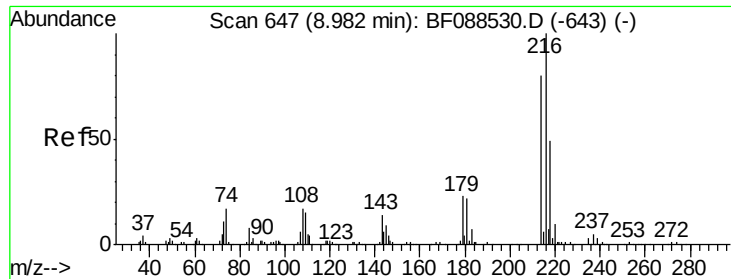
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.85 min Scan# 723  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Tgt Ion:164 Resp: 224419  
 Ion Ratio Lower Upper  
 164 100  
 162 103.7 85.4 128.2  
 160 47.2 39.5 59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 58.46 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tgt Ion:216 Resp: 360690

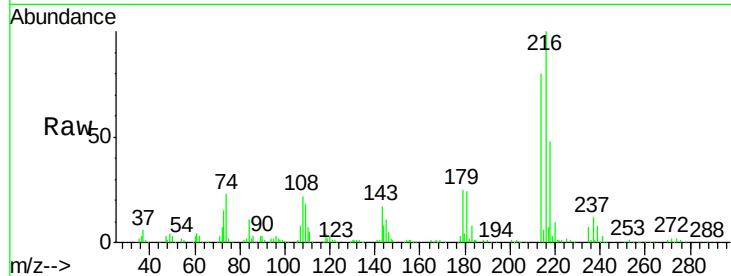
Ion Ratio Lower Upper

216 100

214 79.6 2.9 4.3#

179 24.5 0.0 0.0#

108 24.8 0.5 0.7#

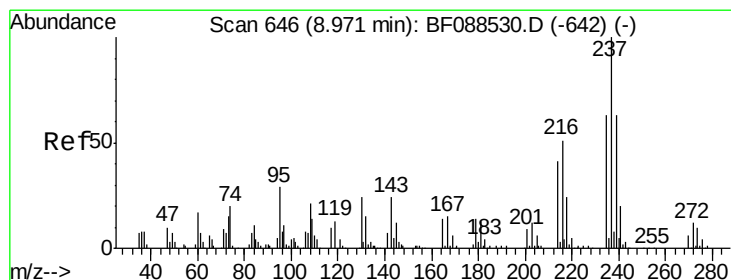
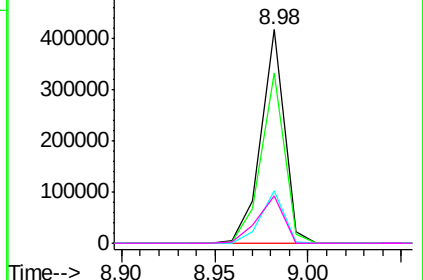
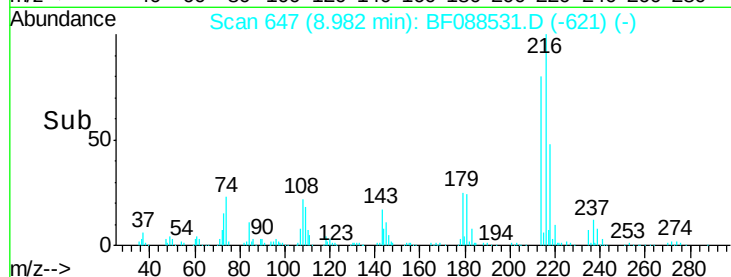


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 43.69 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

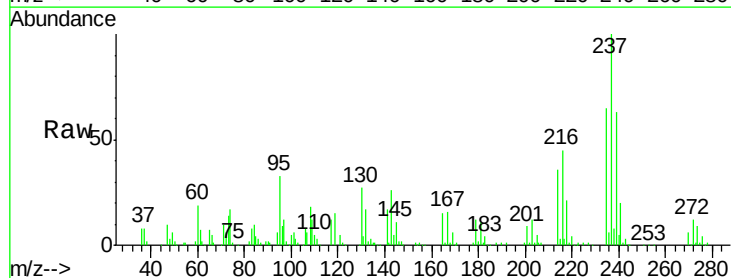
Tgt Ion:237 Resp: 173801

Ion Ratio Lower Upper

237 100

235 64.9 43.4 83.4

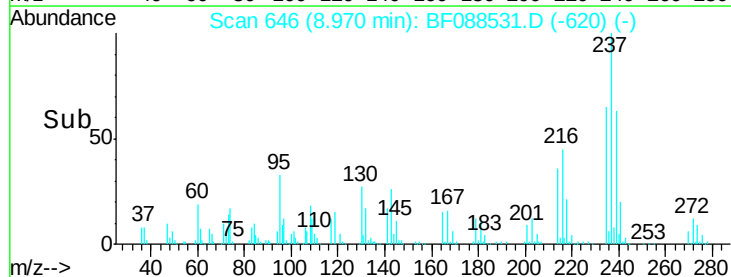
272 11.8 0.0 32.3



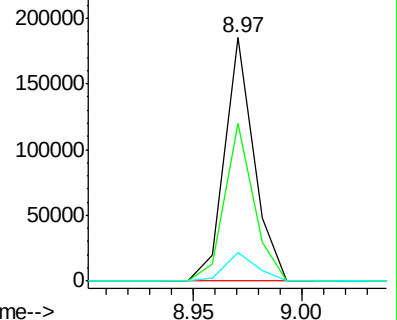
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

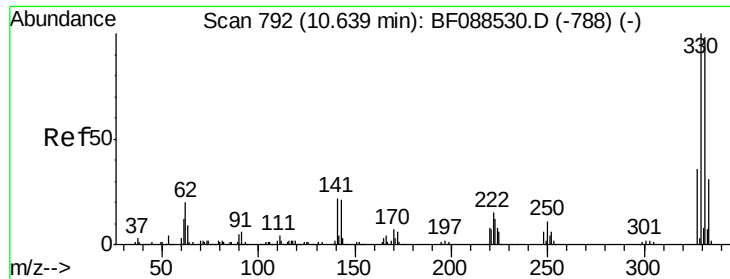
Ion 271.75 (271.45 to 272.45): E



Time-->



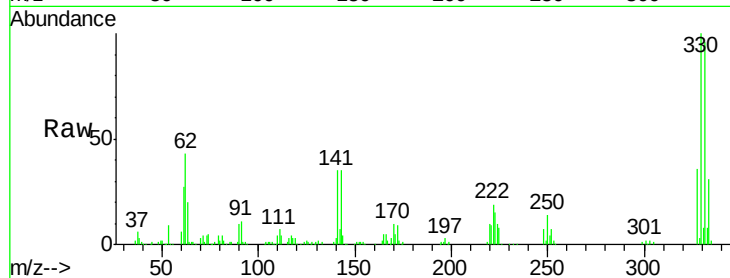




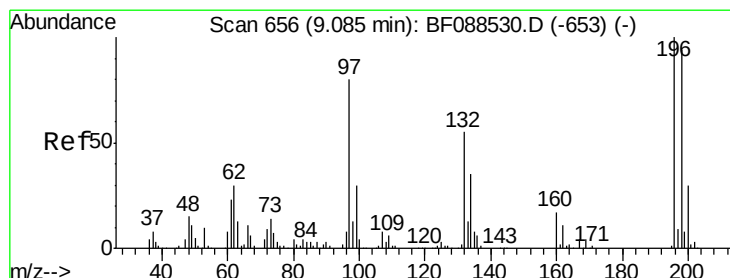
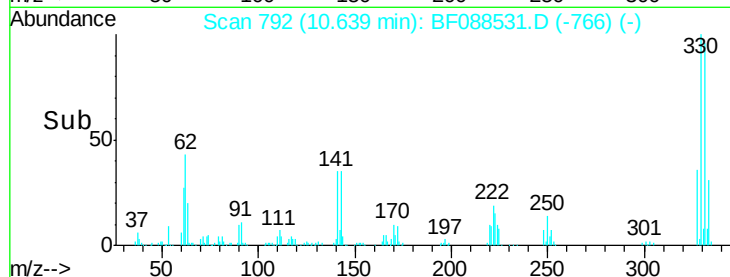
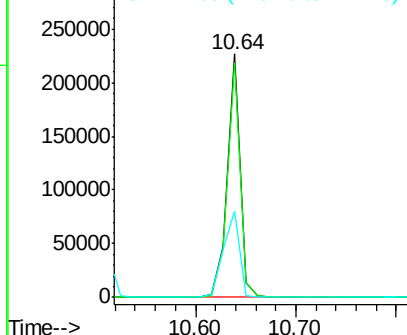
#41  
 2,4,6-Tribromophenol  
 Concen: 49.73 ng  
 RT: 10.64 min Scan# 792  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.2  | 0.0   | 0.0#  |
| 141     | 44.4  | 0.0   | 0.0#  |

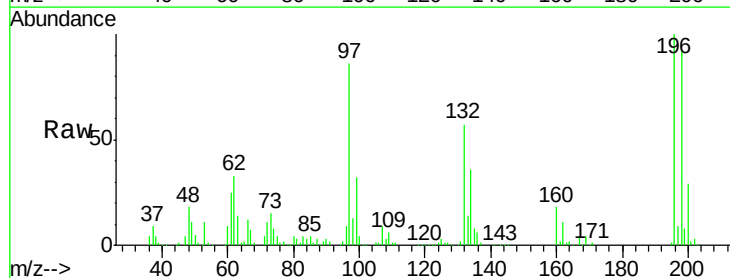


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

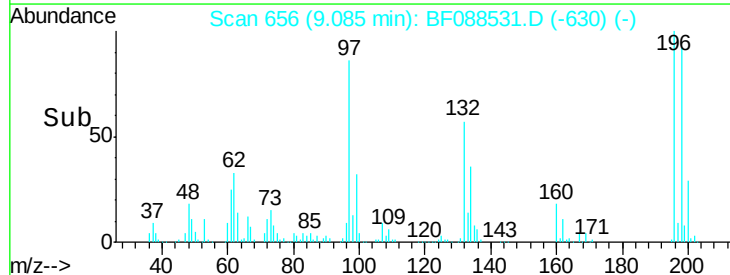
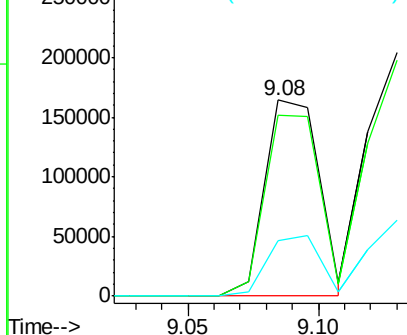


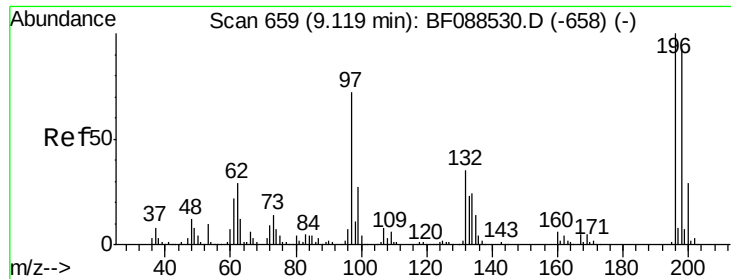
#42  
 2,4,6-Trichlorophenol  
 Concen: 48.39 ng  
 RT: 9.08 min Scan# 656  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 92.2  | 78.0  | 117.0 |
| 200     | 28.5  | 25.4  | 38.2  |



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

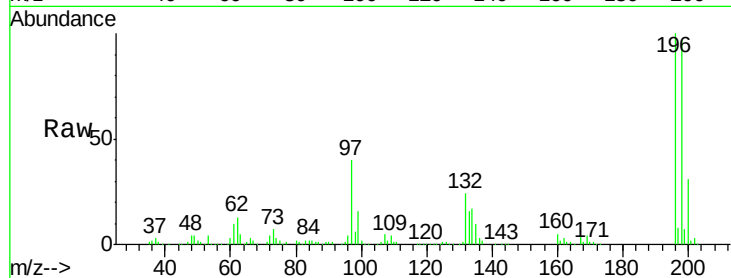




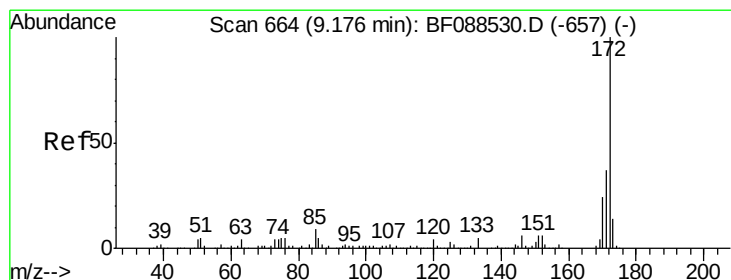
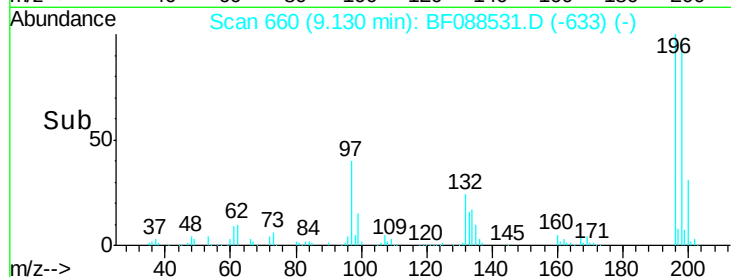
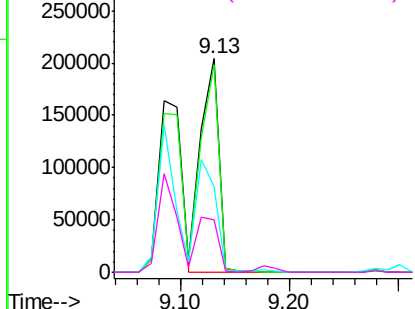
#43  
 2,4,5-Trichlorophenol  
 Concen: 52.92 ng  
 RT: 9.13 min Scan# 660  
 Delta R.T. 0.01 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tgt Ion:196 Resp: 239882  
 Ion Ratio Lower Upper  
 196 100  
 198 97.0 77.5 116.3  
 97 40.1 32.0 48.0  
 132 24.4 20.9 31.3

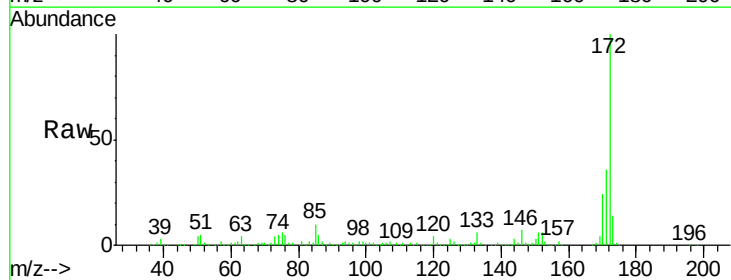


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

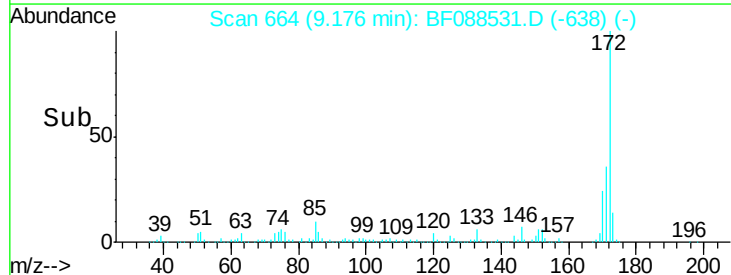
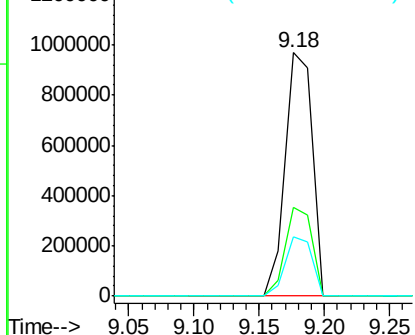


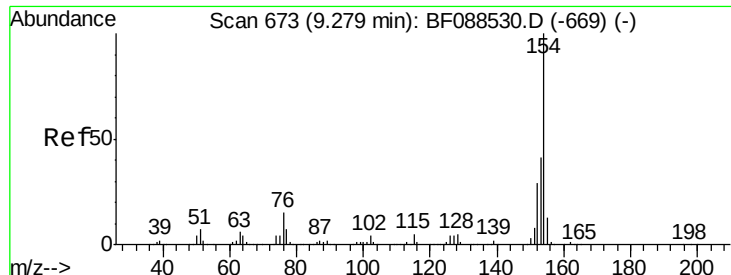
#44  
 2-Fluorobiphenyl  
 Concen: 47.31 ng  
 RT: 9.18 min Scan# 664  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Tgt Ion:172 Resp: 1413626  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 28.6 43.0  
 170 24.3 19.2 28.8



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

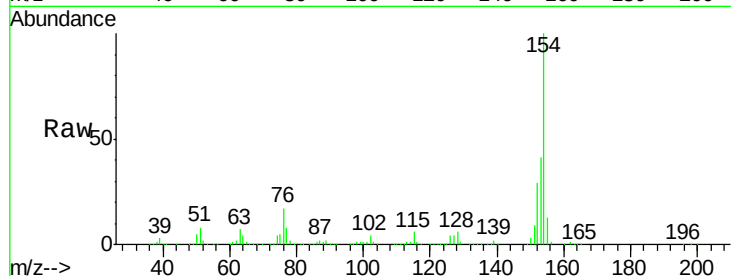




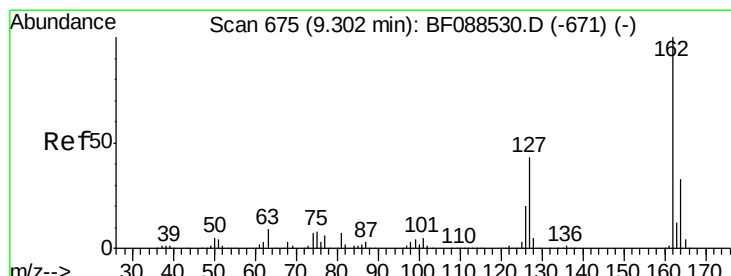
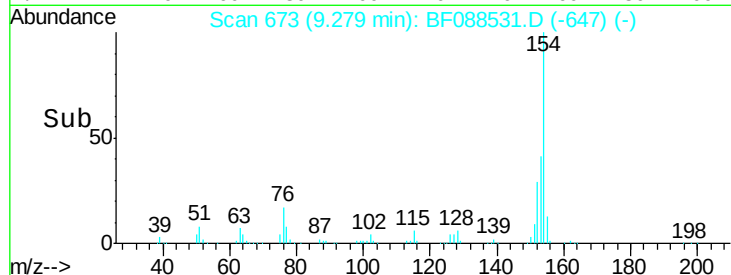
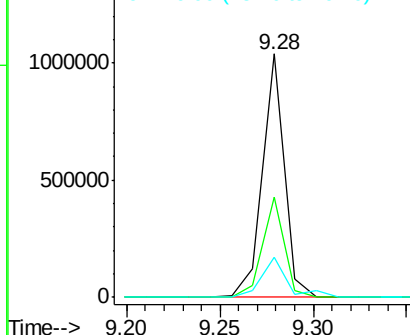
#45  
 1,1'-Biphenyl  
 Concen: 48.02 ng  
 RT: 9.28 min Scan# 673  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tgt Ion:154 Resp: 854650  
 Ion Ratio Lower Upper  
 154 100  
 153 41.2 20.6 60.6  
 76 16.6 0.0 35.1

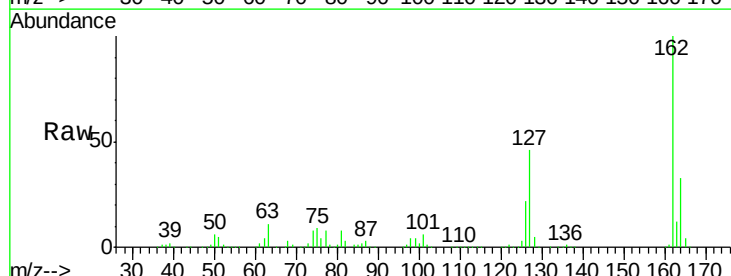


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

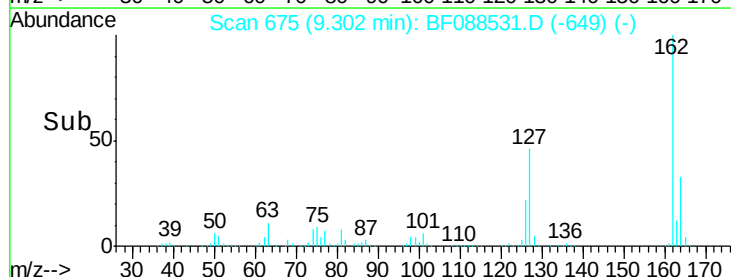
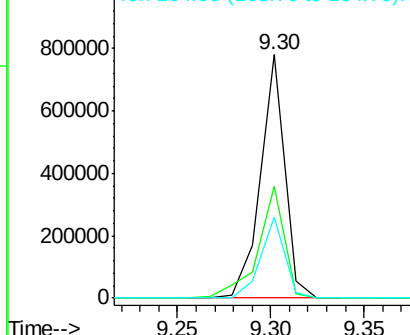


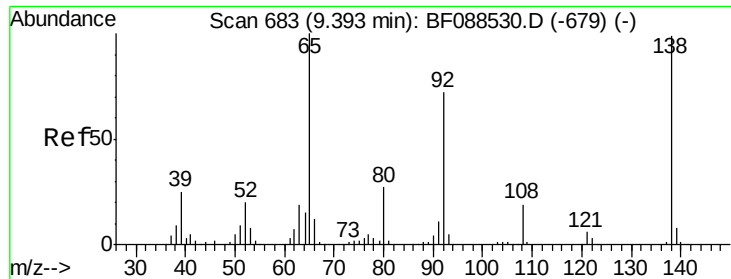
#46  
 2-Chloronaphthalene  
 Concen: 48.38 ng  
 RT: 9.30 min Scan# 675  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Tgt Ion:162 Resp: 693830  
 Ion Ratio Lower Upper  
 162 100  
 127 45.7 35.2 52.8  
 164 33.3 26.6 39.8



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

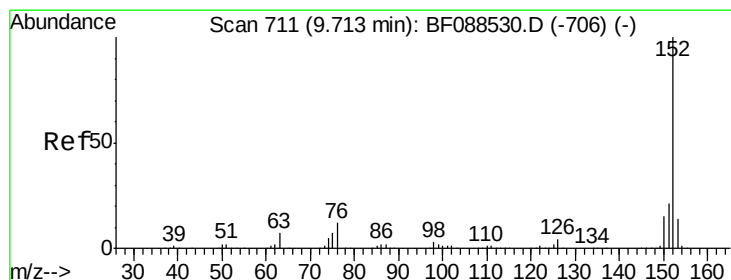
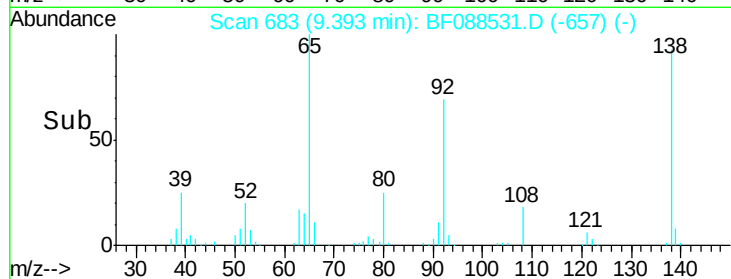
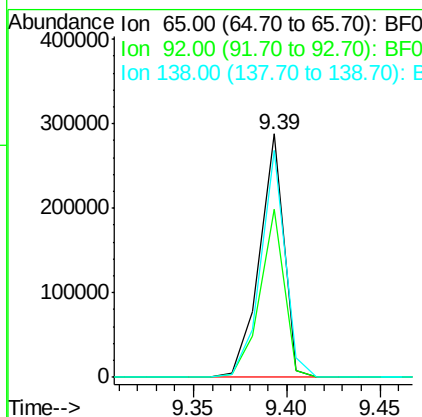
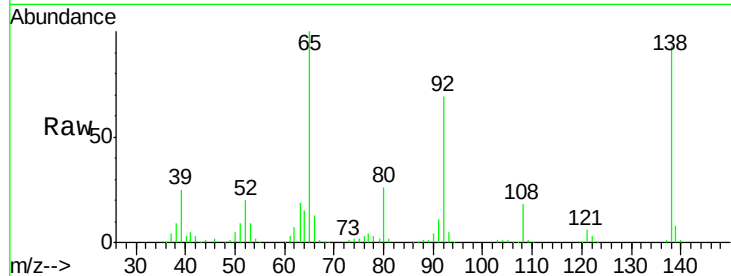




#47  
2-Nitroaniline  
Concen: 53.36 ng  
RT: 9.39 min Scan# 683  
Delta R.T. -0.00 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

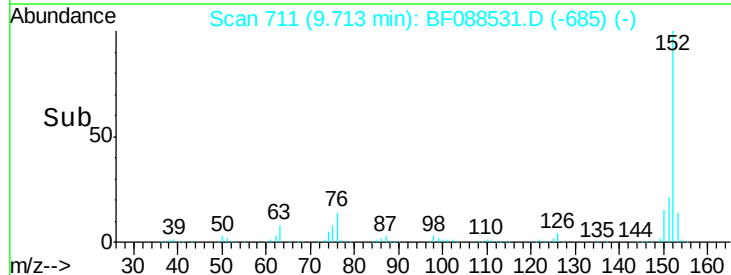
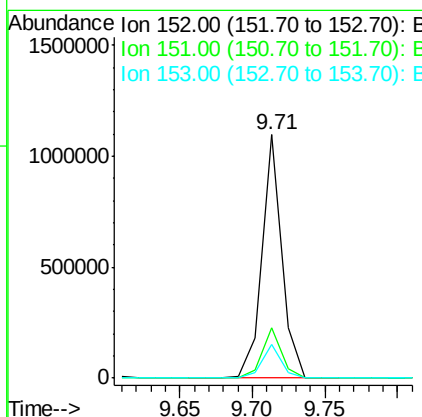
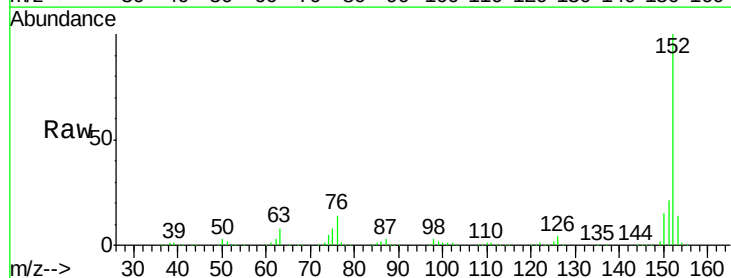
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

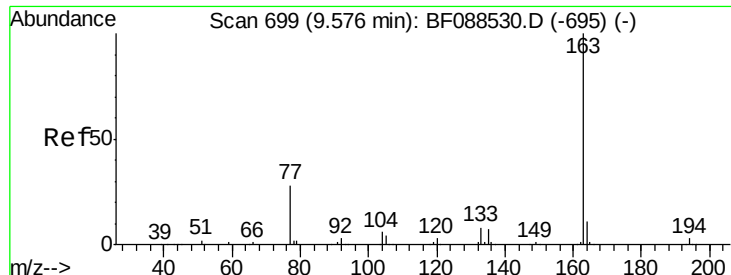
Tgt Ion: 65 Resp: 259840  
Ion Ratio Lower Upper  
65 100  
92 68.9 54.6 82.0  
138 93.1 77.0 115.4



#48  
Acenaphthylene  
Concen: 44.58 ng  
RT: 9.71 min Scan# 711  
Delta R.T. -0.00 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

Tgt Ion: 152 Resp: 1038682  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.2 24.4  
153 13.9 11.0 16.6





#49

Dimethylphthalate

Concen: 51.01 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

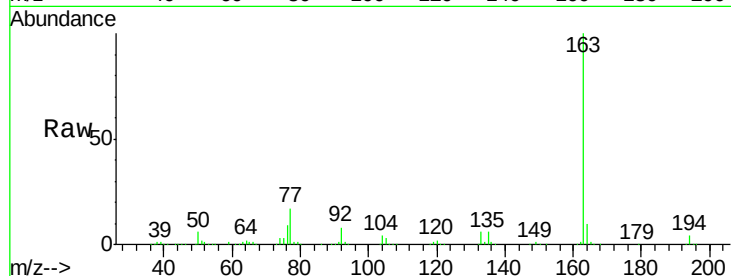
Tgt Ion:163 Resp: 858633

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

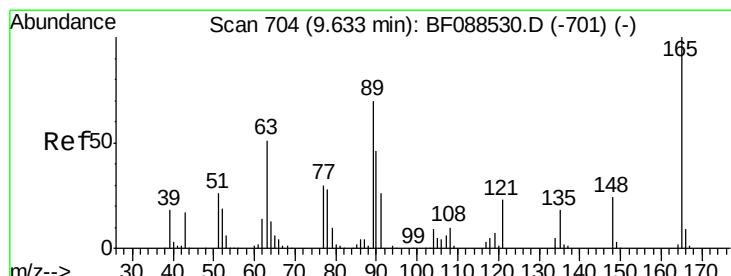
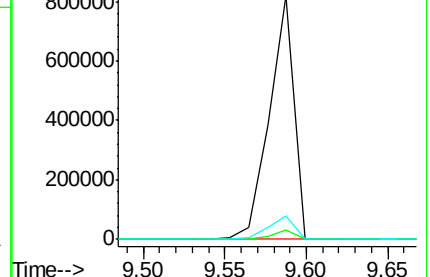
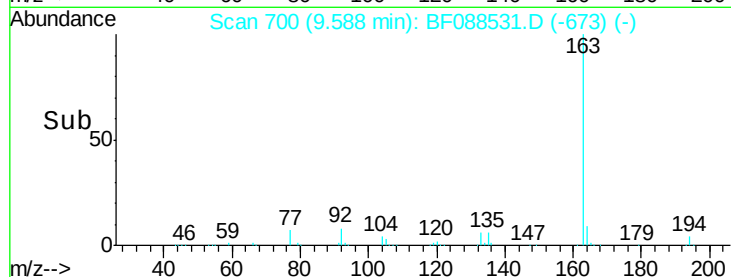
164 9.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.32 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

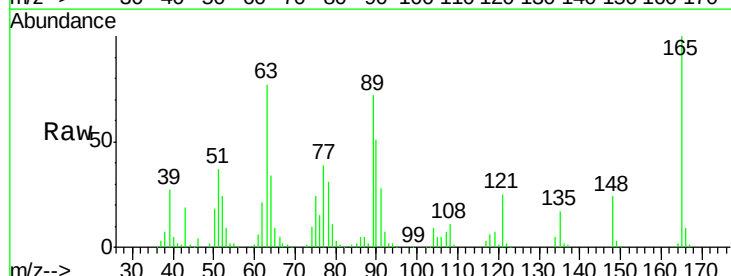
Tgt Ion:165 Resp: 186579

Ion Ratio Lower Upper

165 100

63 76.8 28.1 42.1#

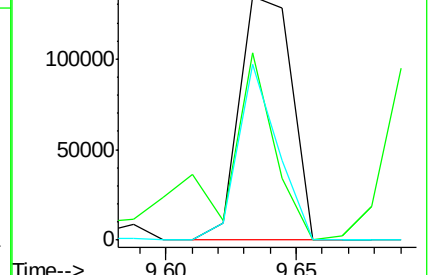
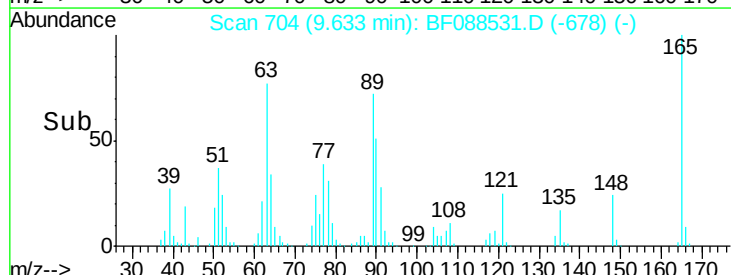
89 72.4 32.2 48.2#

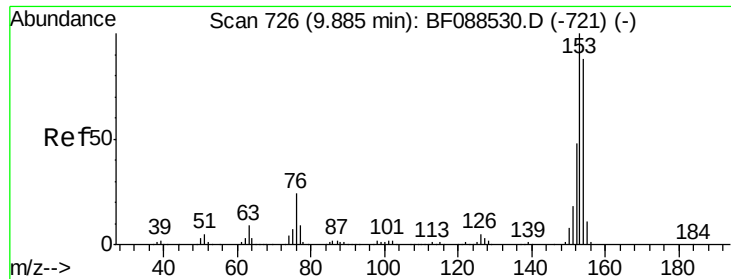


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.86 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

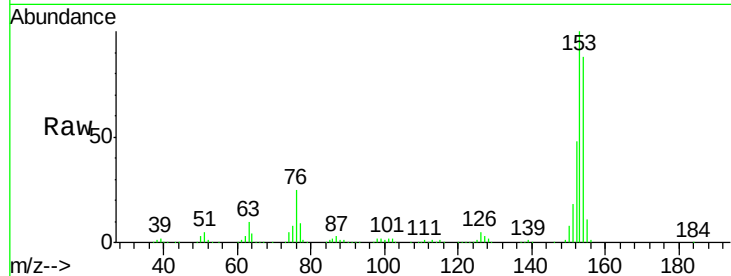
Tgt Ion:154 Resp: 661926

Ion Ratio Lower Upper

154 100

153 113.1 89.5 134.3

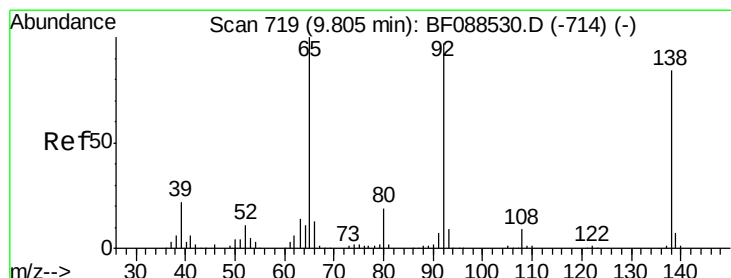
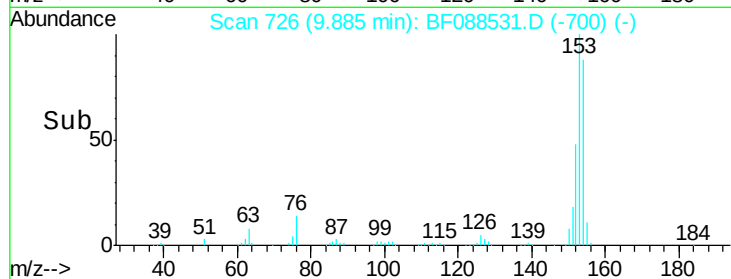
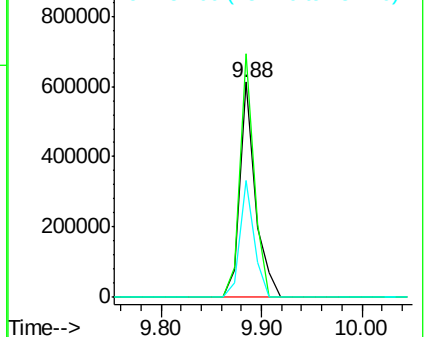
152 54.2 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 47.06 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

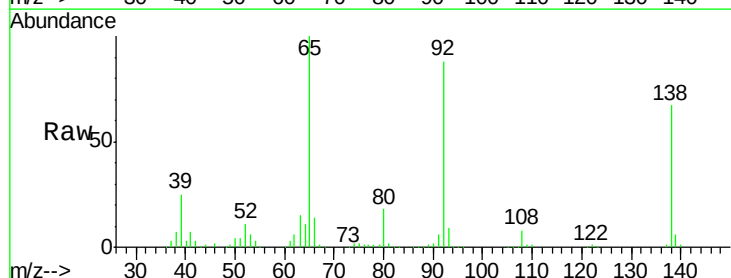
Tgt Ion:138 Resp: 209033

Ion Ratio Lower Upper

138 100

108 11.6 8.5 12.7

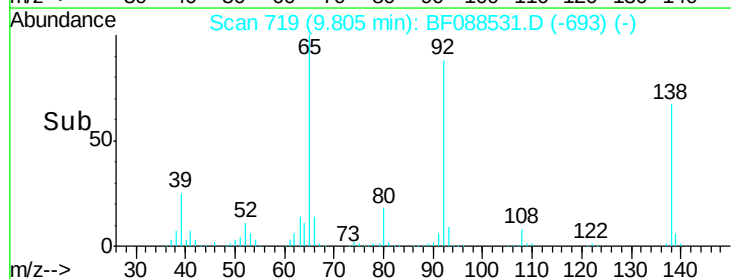
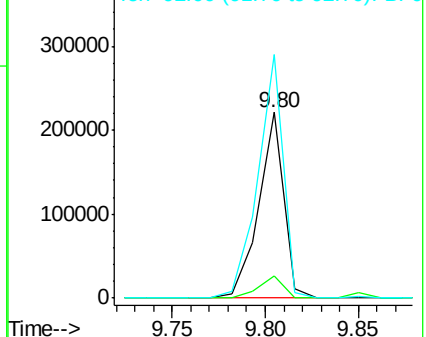
92 131.1 95.7 143.5

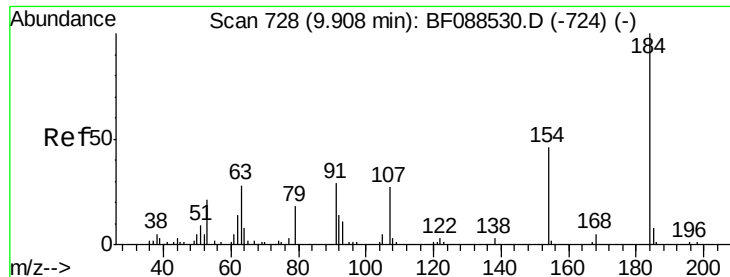


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

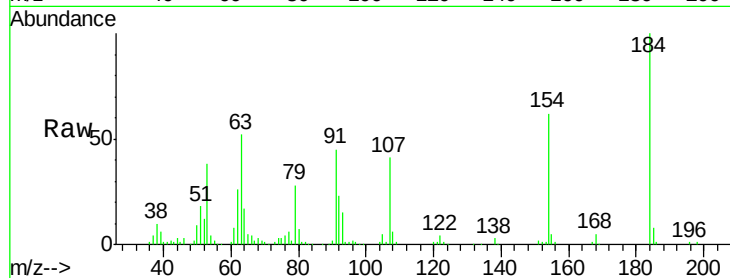




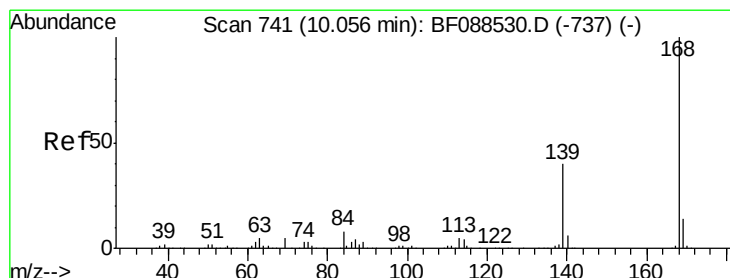
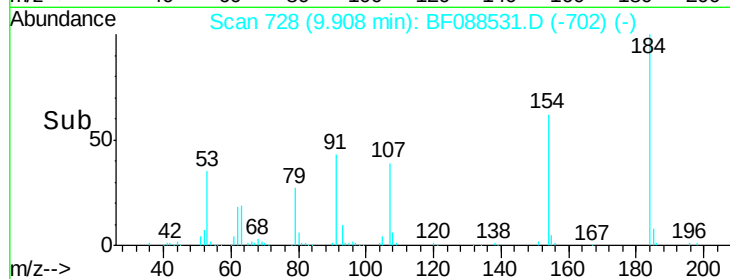
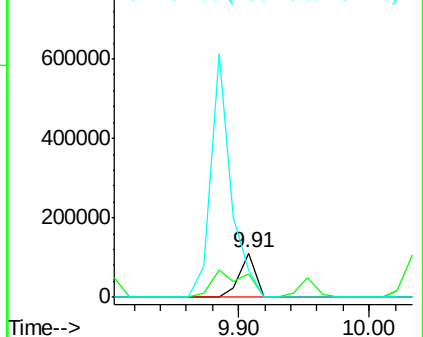
#53  
 2,4-Dinitrophenol  
 Concen: 64.40 ng  
 RT: 9.91 min Scan# 728  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tgt Ion:184 Resp: 94833  
 Ion Ratio Lower Upper  
 184 100  
 63 51.8 57.6 86.4#  
 154 62.4 53.5 80.3

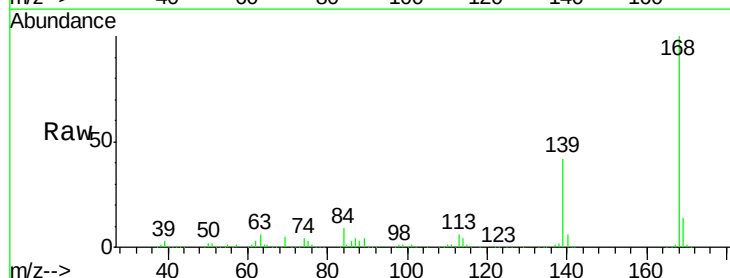


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 154.00 (153.70 to 154.70): E

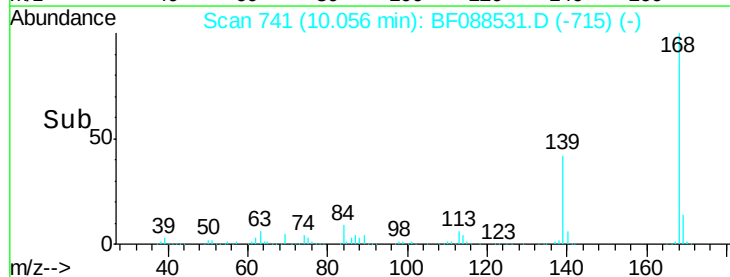
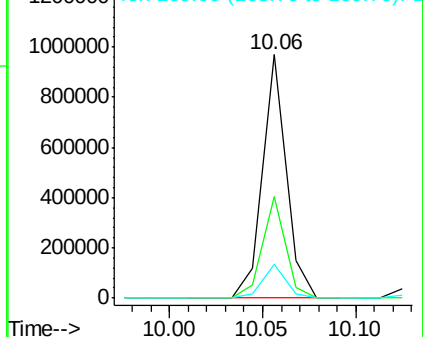


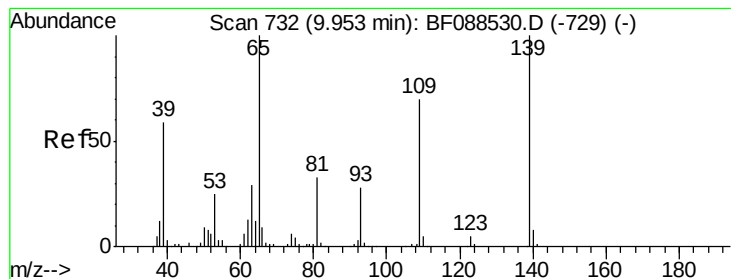
#54  
 Dibenzofuran  
 Concen: 41.80 ng  
 RT: 10.06 min Scan# 741  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Tgt Ion:168 Resp: 852352  
 Ion Ratio Lower Upper  
 168 100  
 139 41.9 26.4 39.6#  
 169 13.9 10.4 15.6



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





#55

4-Nitrophenol

Concen: 43.30 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

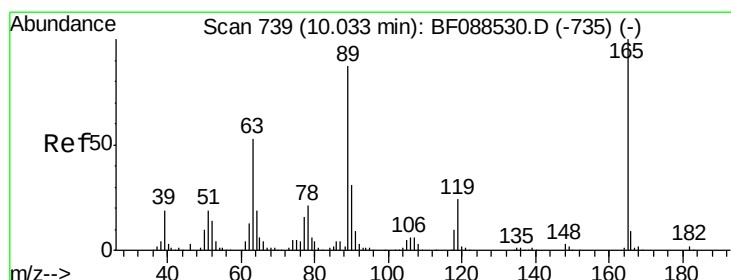
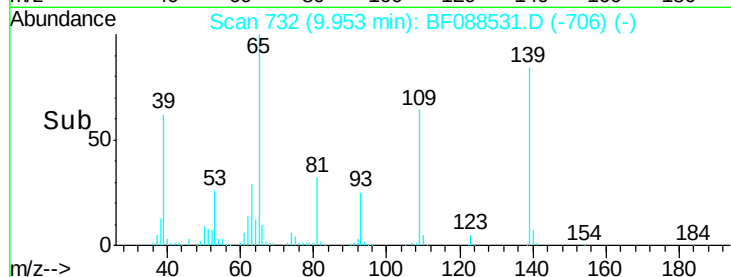
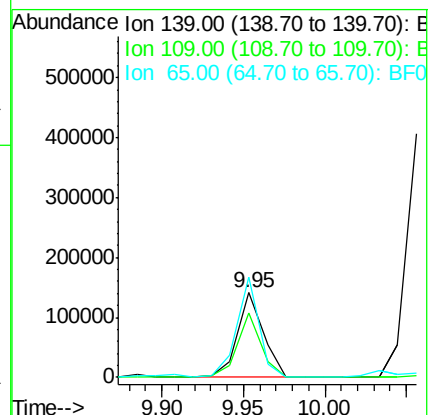
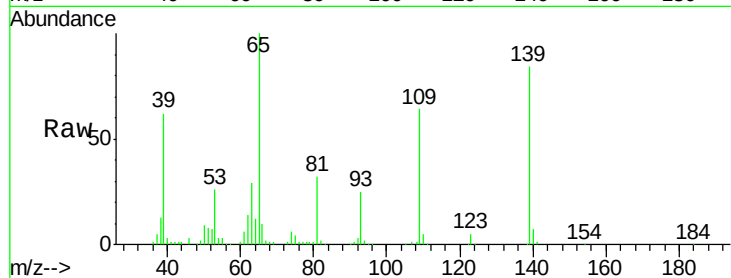
Tgt Ion:139 Resp: 155421

Ion Ratio Lower Upper

139 100

109 76.6 48.9 88.9

65 118.8 84.9 124.9



#56

2,4-Dinitrotoluene

Concen: 48.21 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Tgt Ion:165 Resp: 230690

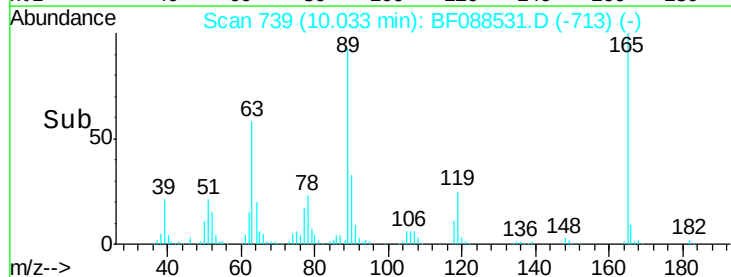
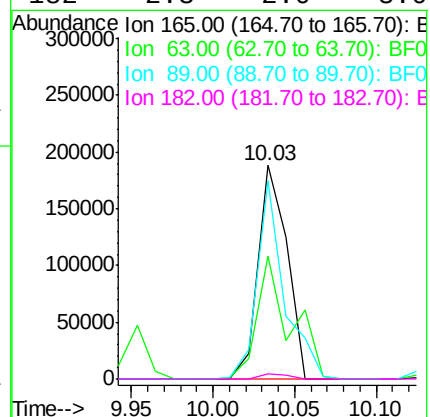
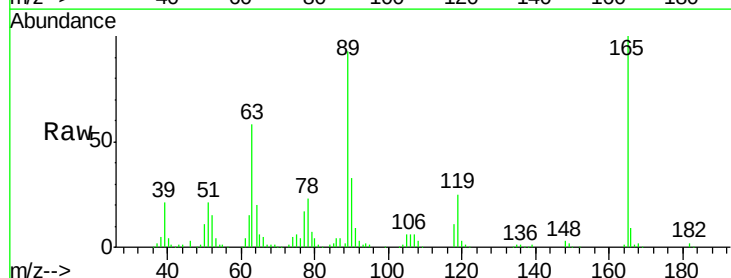
Ion Ratio Lower Upper

165 100

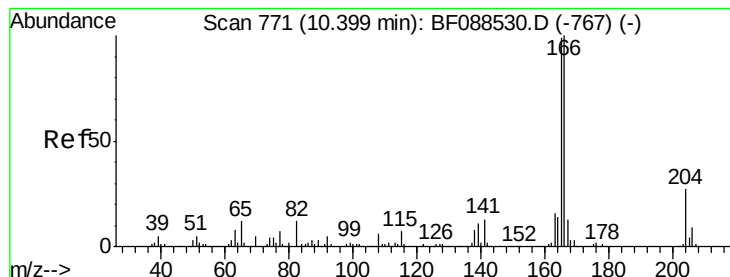
63 57.7 22.0 33.0#

89 92.8 41.1 61.7#

182 2.3 2.0 3.0







#57

Fluorene

Concen: 44.28 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

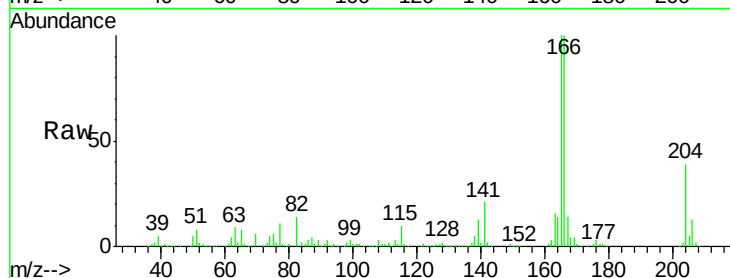
Tgt Ion:166 Resp: 653571

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.8

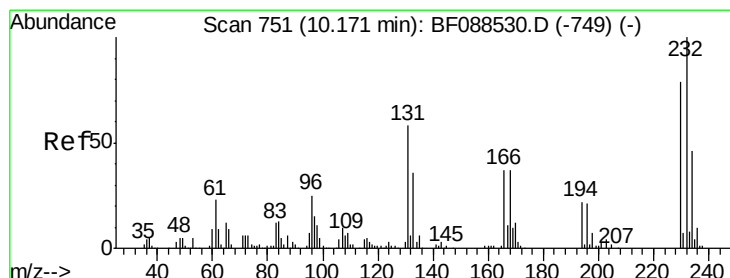
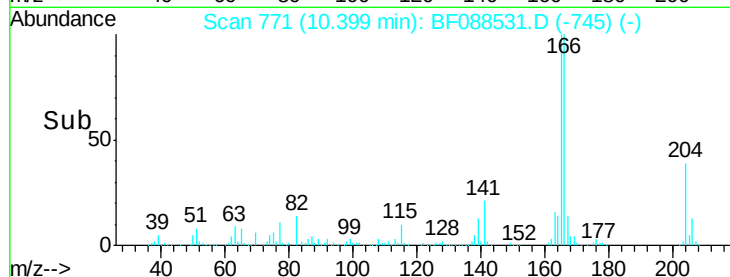
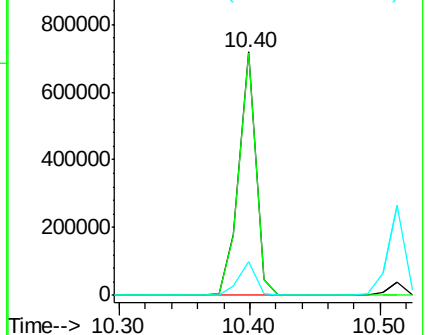
167 13.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.79 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Tgt Ion:232 Resp: 158551

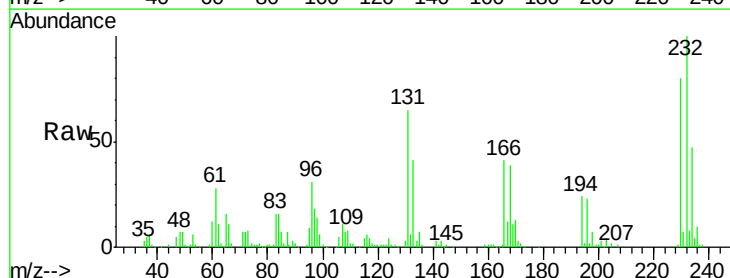
Ion Ratio Lower Upper

232 100

131 58.6 0.9 1.3#

130 3.0 1.5 2.3#

166 36.6 0.5 0.7#

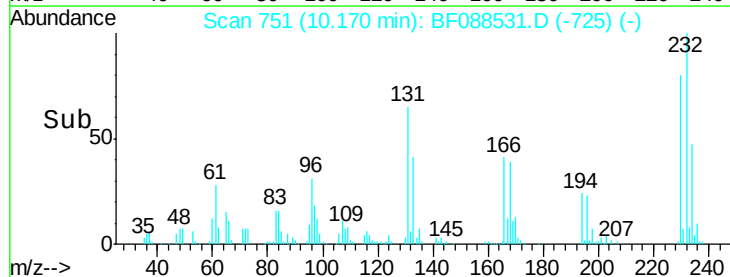
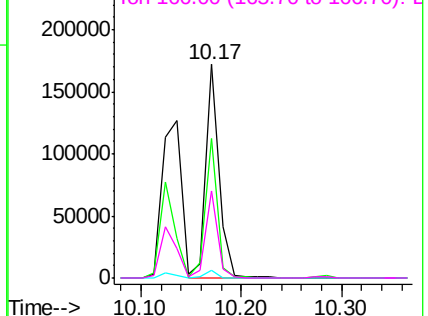


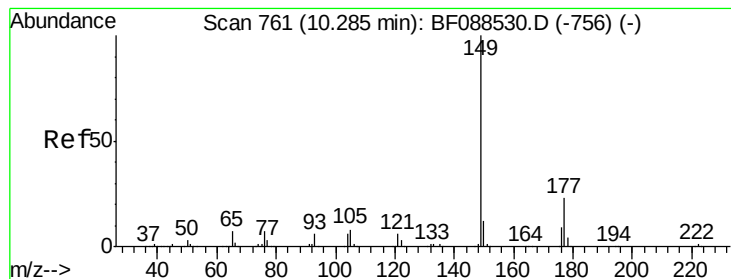
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.48 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

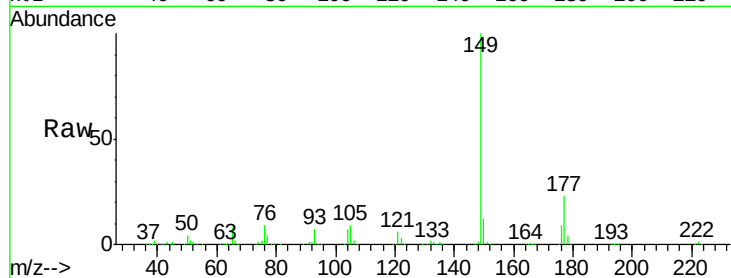
Tgt Ion:149 Resp: 820413

Ion Ratio Lower Upper

149 100

177 23.0 16.9 25.3

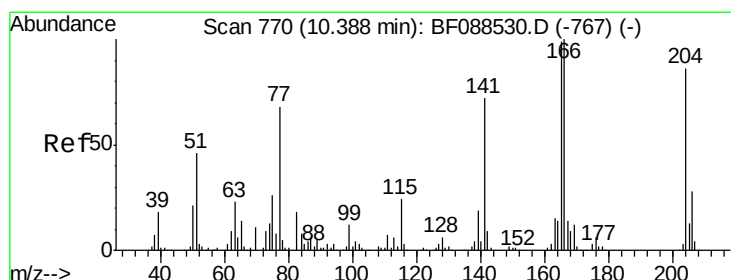
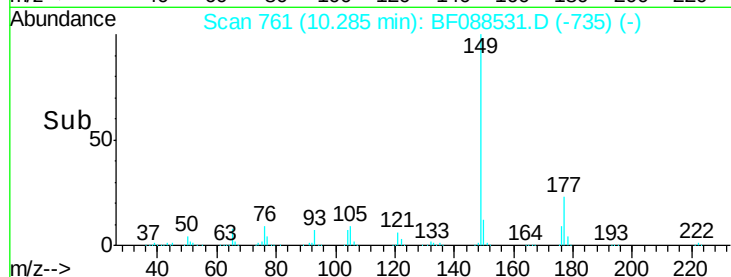
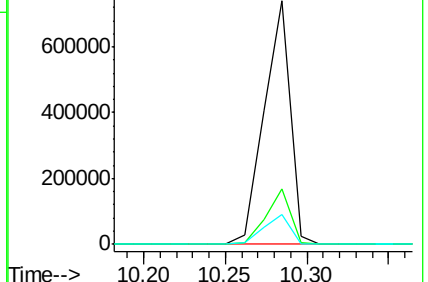
150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.57 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

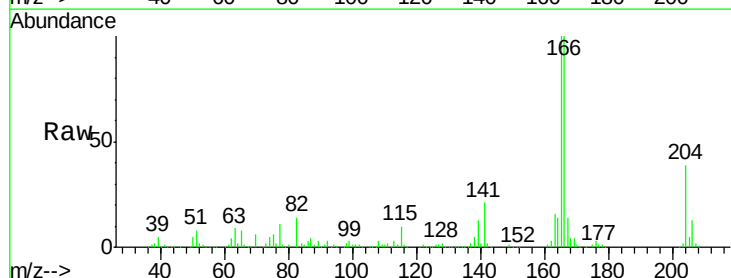
Tgt Ion:204 Resp: 312095

Ion Ratio Lower Upper

204 100

206 33.3 26.3 39.5

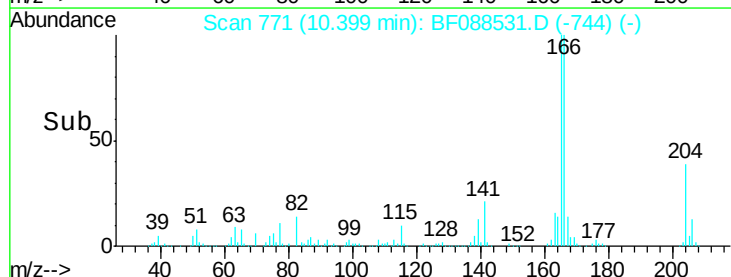
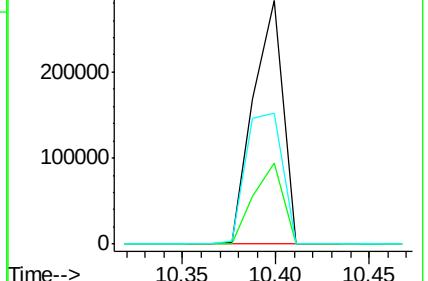
141 53.7 55.0 82.6#

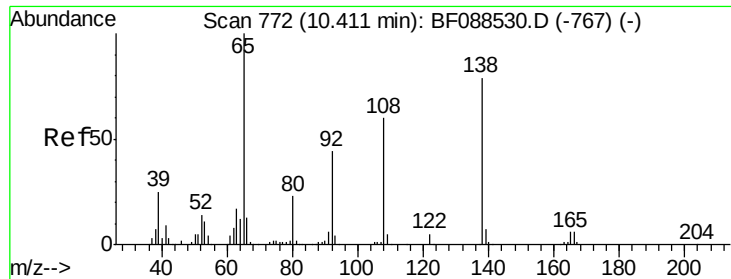


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

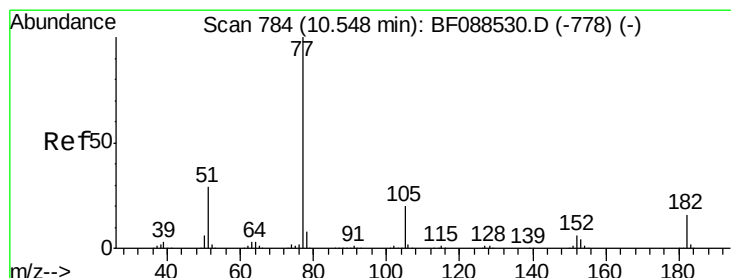
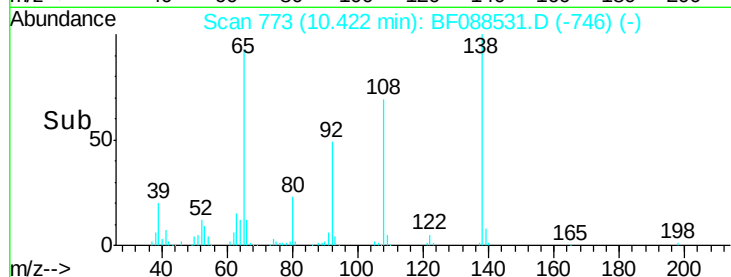
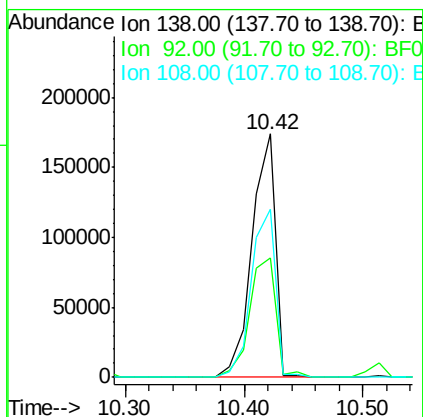
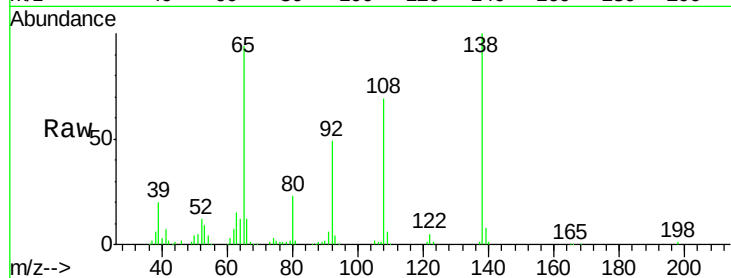




#61  
4-Nitroaniline  
Concen: 56.97 ng  
RT: 10.42 min Scan# 773  
Delta R.T. 0.01 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

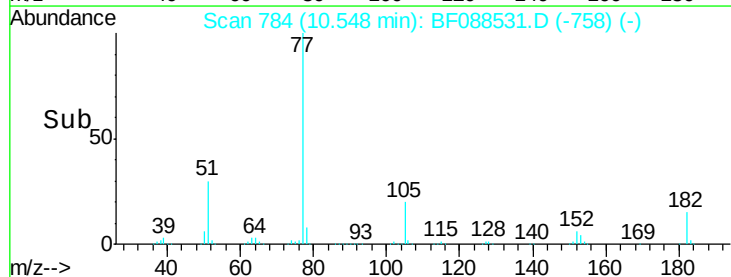
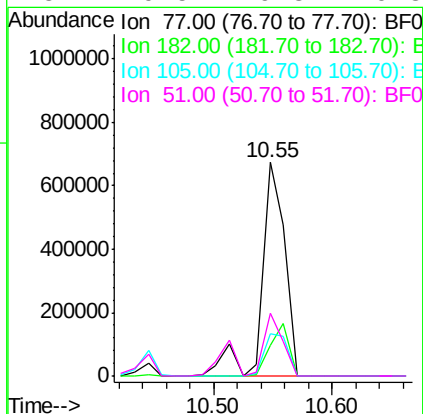
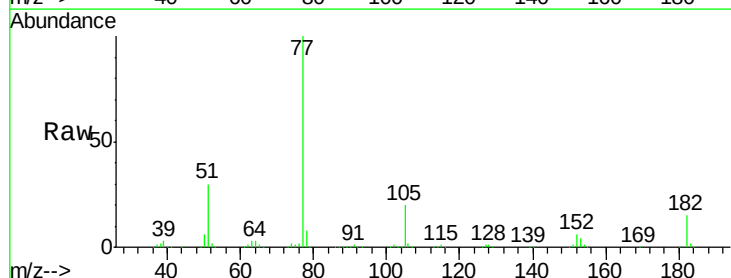
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

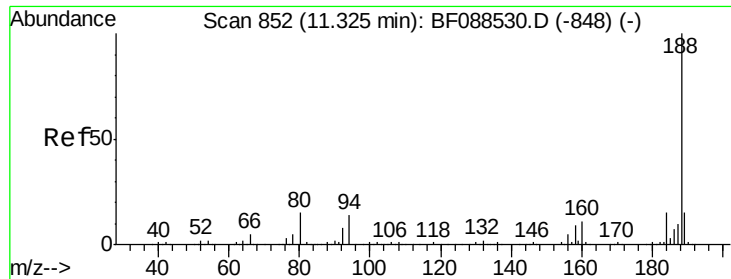
Tgt Ion: 138 Resp: 240435  
Ion Ratio Lower Upper  
138 100  
92 49.2 27.3 67.3  
108 69.0 46.7 86.7



#62  
Azobenzene  
Concen: 43.23 ng  
RT: 10.55 min Scan# 784  
Delta R.T. -0.00 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

Tgt Ion: 77 Resp: 913075  
Ion Ratio Lower Upper  
77 100  
182 14.6 4.4 44.4  
105 20.0 3.8 43.8  
51 29.5 9.3 49.3

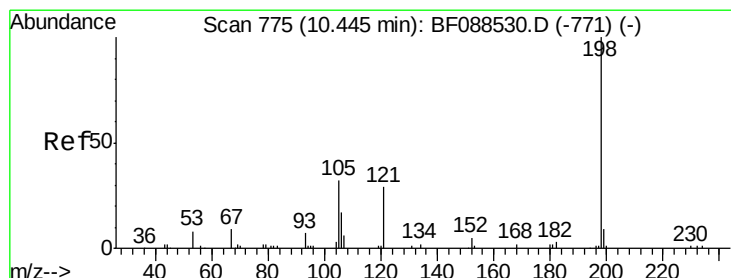
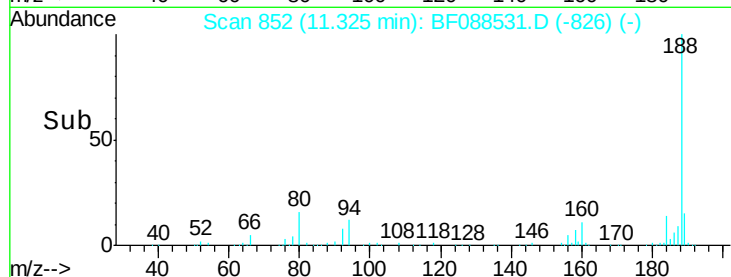
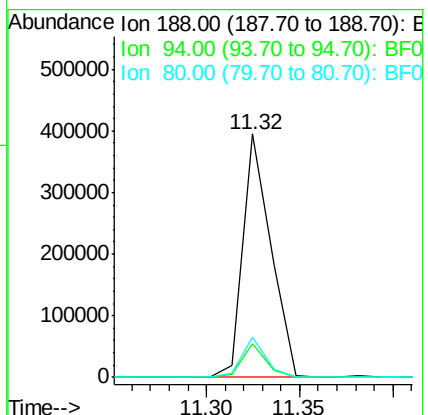
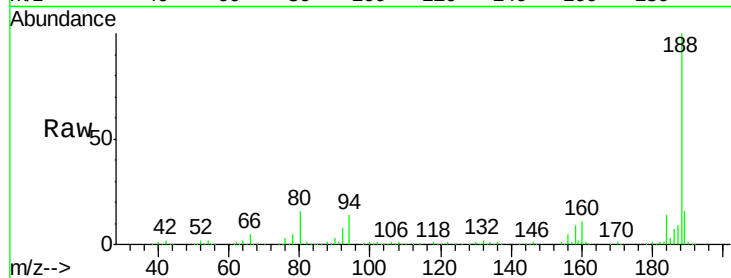




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.32 min Scan# 852  
Delta R.T. -0.00 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

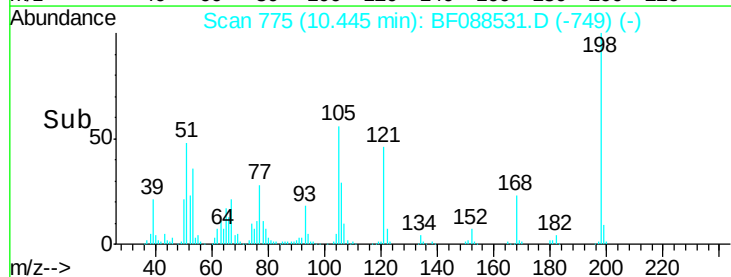
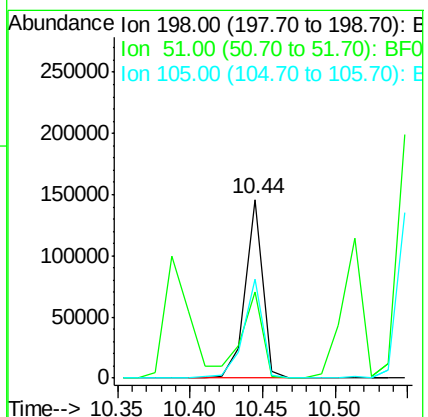
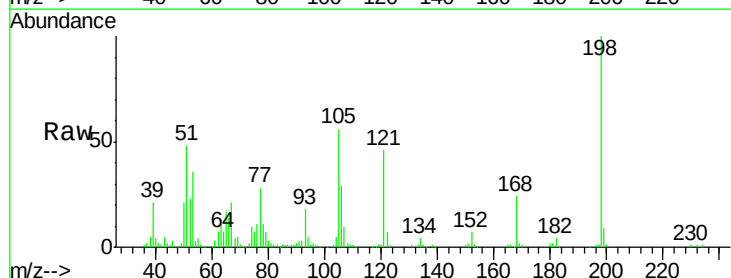
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

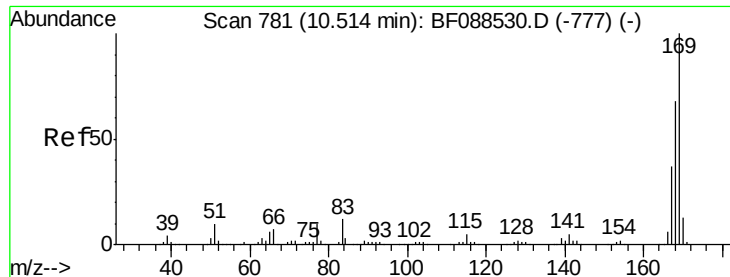
Tgt Ion:188 Resp: 409690  
Ion Ratio Lower Upper  
188 100  
94 14.1 9.0 13.6#  
80 16.4 10.0 15.0#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 64.70 ng  
RT: 10.44 min Scan# 775  
Delta R.T. -0.00 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

Tgt Ion:198 Resp: 122345  
Ion Ratio Lower Upper  
198 100  
51 48.3 39.6 79.6  
105 55.5 36.6 76.6

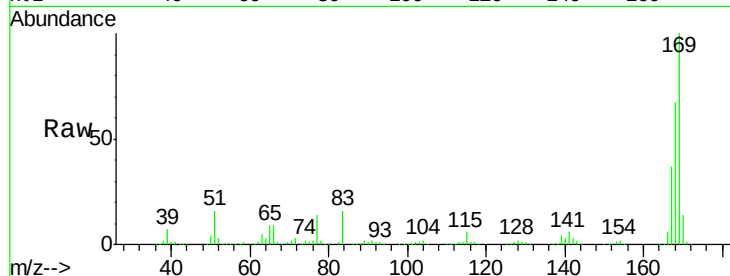




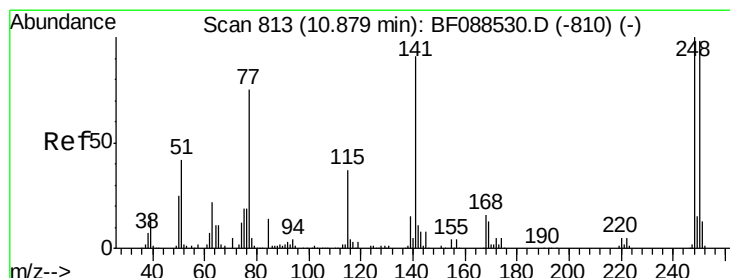
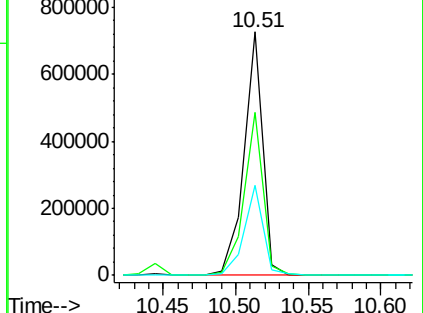
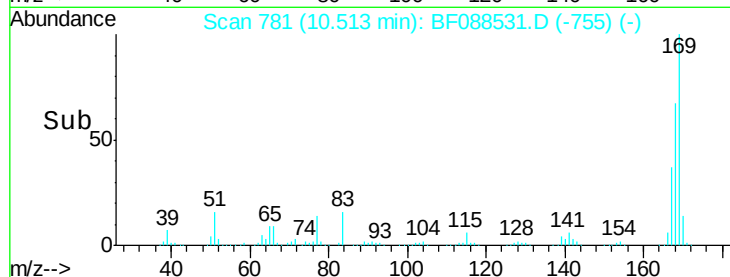
#65  
 n-Nitrosodiphenylamine  
 Concen: 46.16 ng  
 RT: 10.51 min Scan# 781  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.1  | 53.4  | 80.0  |
| 167     | 36.8  | 29.4  | 44.0  |

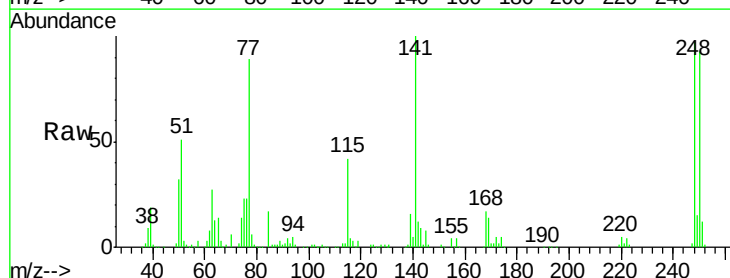


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

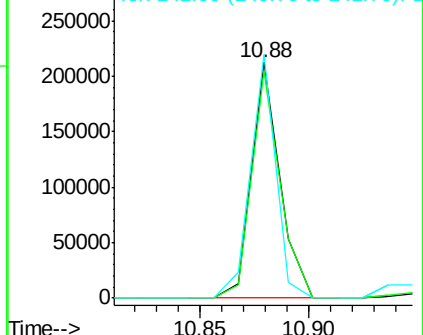
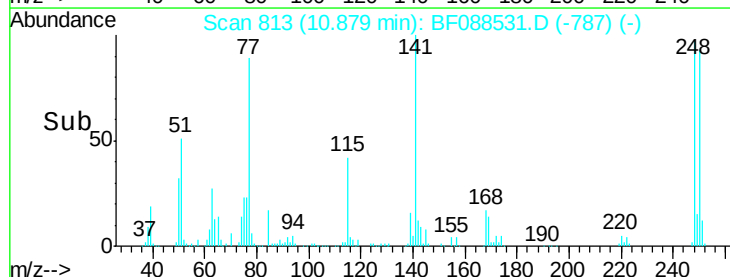


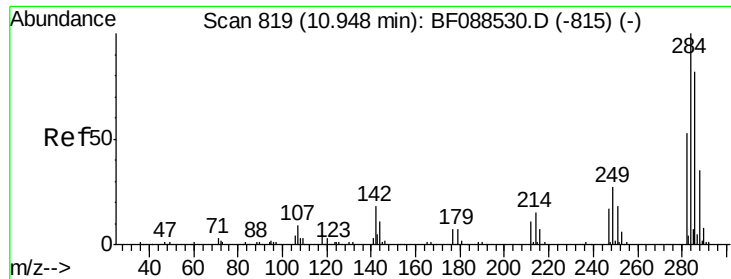
#66  
 4-Bromophenyl-phenylether  
 Concen: 45.64 ng  
 RT: 10.88 min Scan# 813  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.4  | 77.1  | 115.7 |
| 141     | 103.2 | 50.6  | 76.0  |



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

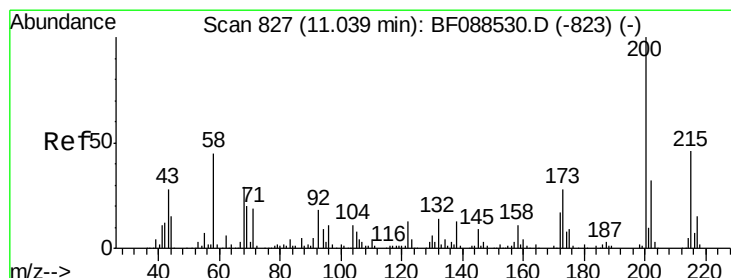
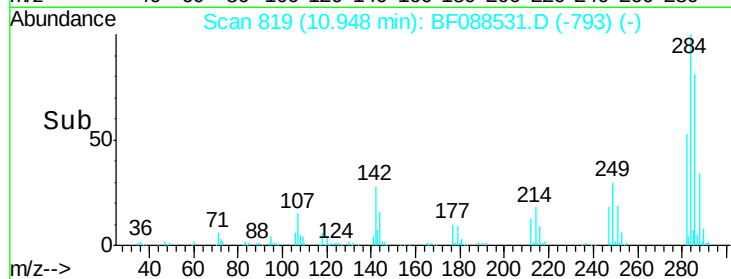
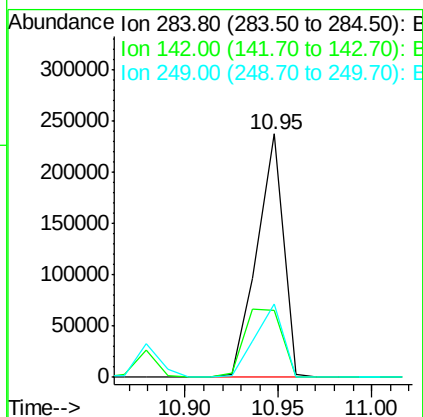
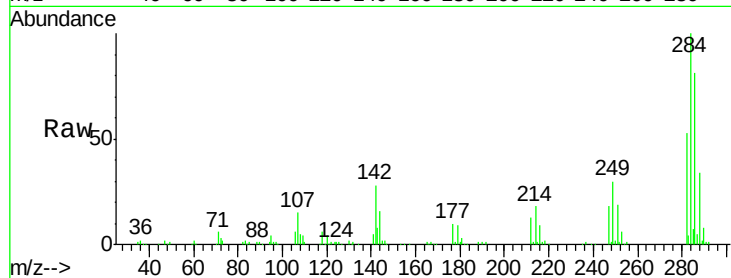




#67  
Hexachlorobenzene  
Concen: 52.22 ng  
RT: 10.95 min Scan# 819  
Delta R.T. -0.00 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

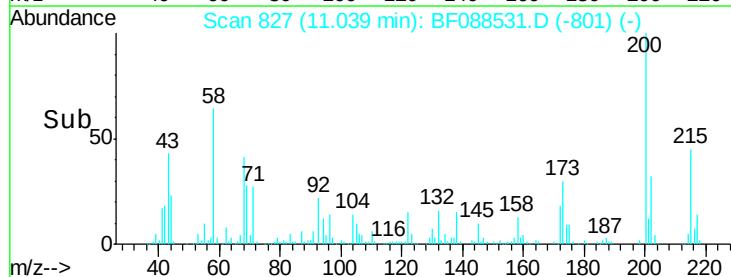
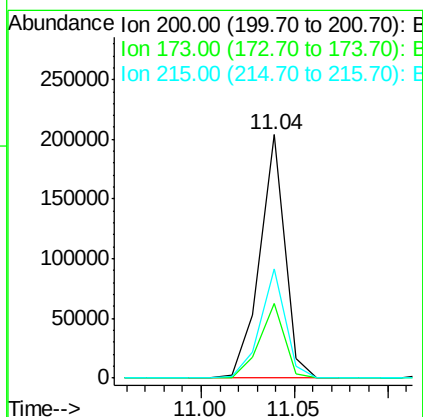
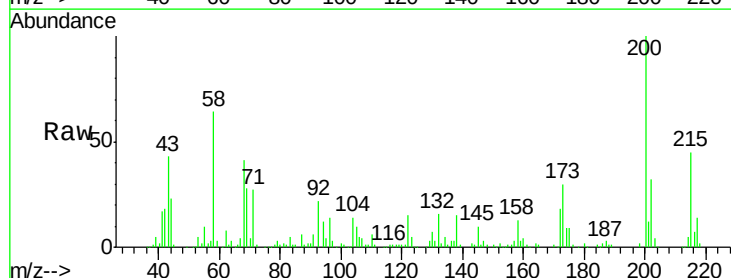
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

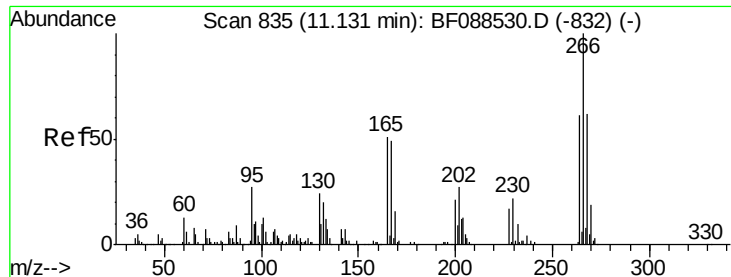
Tgt Ion: 284 Resp: 233499  
Ion Ratio Lower Upper  
284 100  
142 27.6 35.8 53.8#  
249 30.0 25.8 38.6



#68  
Atrazine  
Concen: 43.31 ng  
RT: 11.04 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

Tgt Ion: 200 Resp: 189119  
Ion Ratio Lower Upper  
200 100  
173 30.5 4.0 44.0  
215 45.1 29.3 69.3

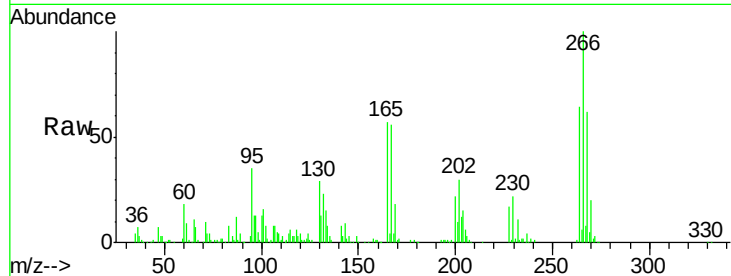




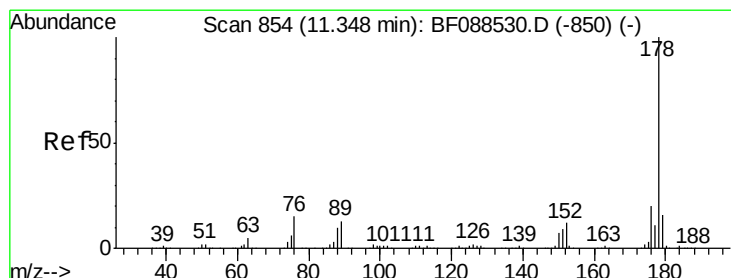
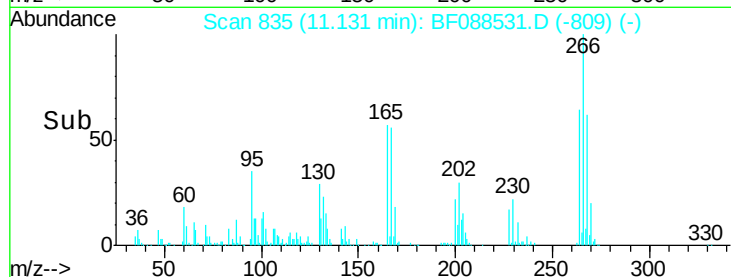
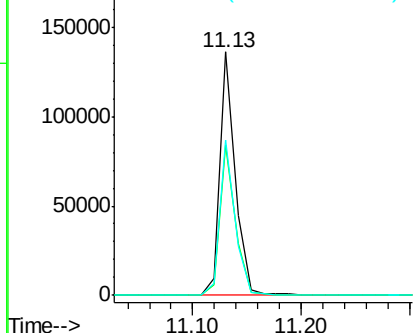
#69  
 Pentachlorophenol  
 Concen: 50.30 ng  
 RT: 11.13 min Scan# 835  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tgt Ion:266 Resp: 134846  
 Ion Ratio Lower Upper  
 266 100  
 268 61.9 52.8 79.2  
 264 63.8 49.6 74.4

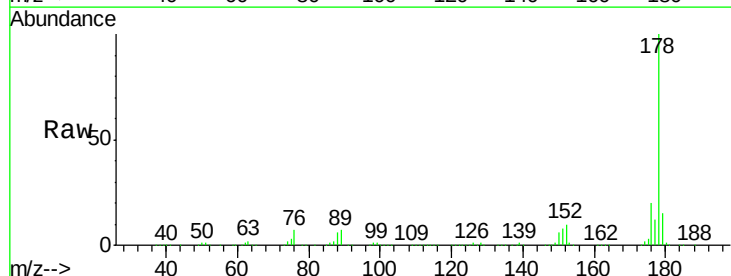


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

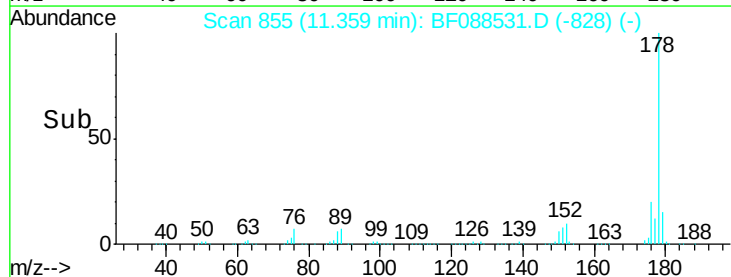
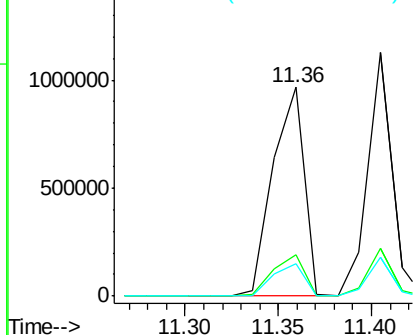


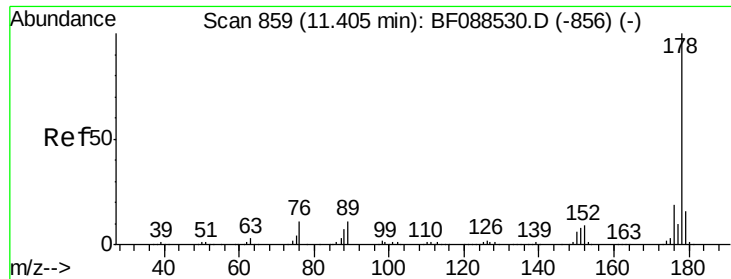
#70  
 Phenanthrene  
 Concen: 48.39 ng  
 RT: 11.36 min Scan# 855  
 Delta R.T. 0.01 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Tgt Ion:178 Resp: 1127394  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 15.8 23.6  
 179 15.5 13.0 19.4



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

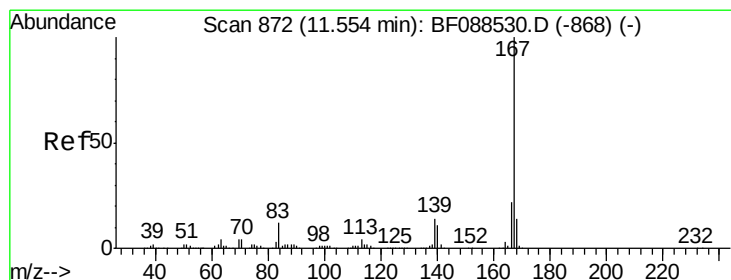
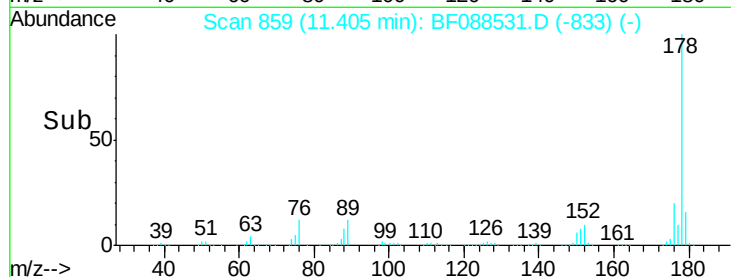
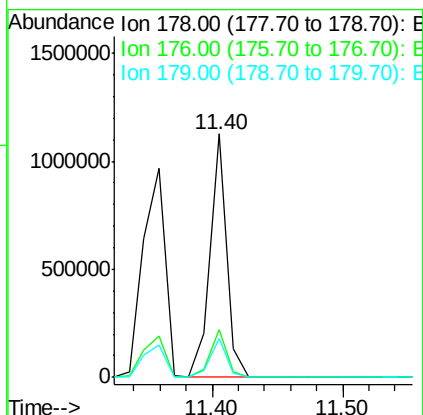
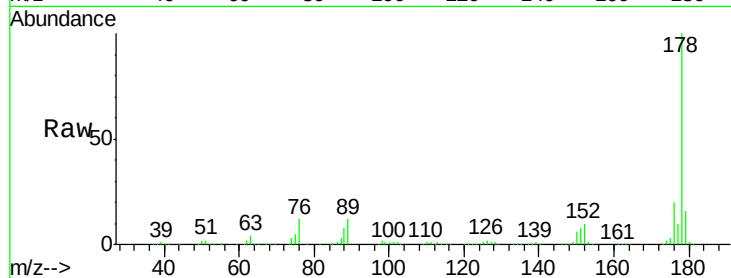




#71  
 Anthracene  
 Concen: 43.95 ng  
 RT: 11.40 min Scan# 859  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

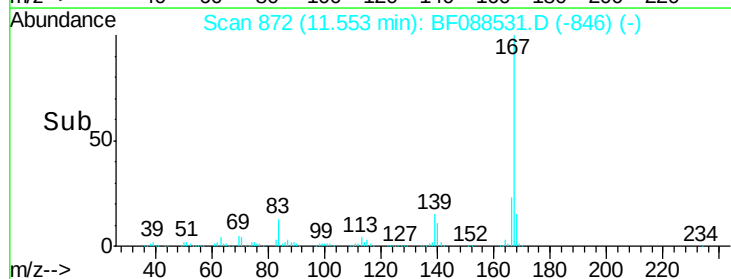
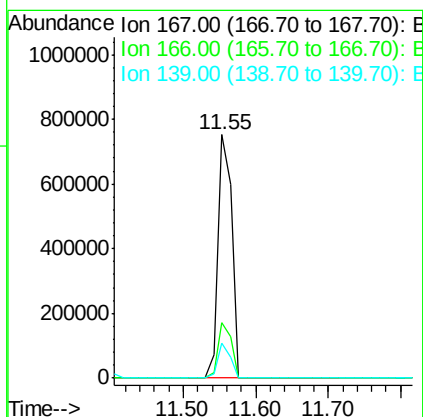
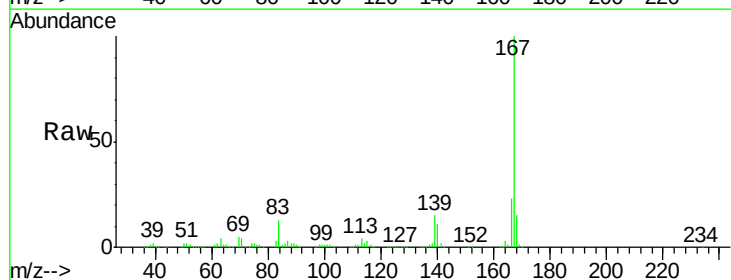
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tgt Ion:178 Resp: 1005340  
 Ion Ratio Lower Upper  
 178 100  
 176 19.6 15.6 23.4  
 179 16.1 12.8 19.2

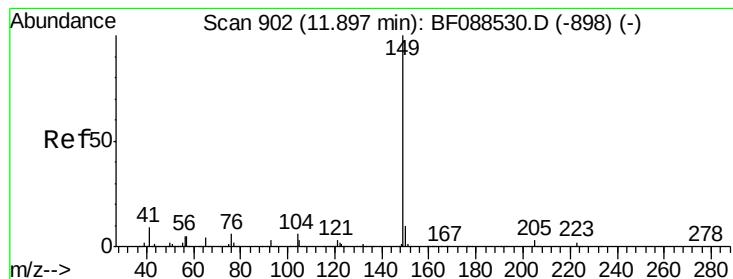


#72  
 Carbazole  
 Concen: 44.98 ng  
 RT: 11.55 min Scan# 872  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Tgt Ion:167 Resp: 983165  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 17.8 26.6  
 139 14.6 11.2 16.8







#73

Di-n-butylphthalate

Concen: 43.54 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

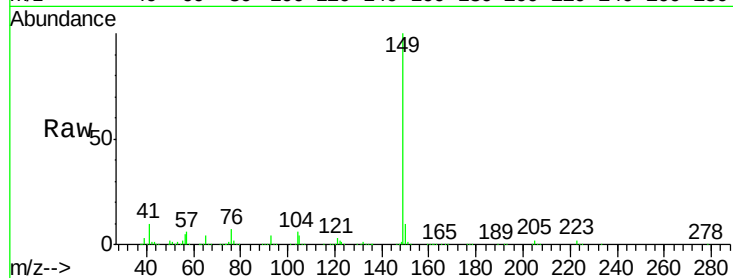
Tgt Ion:149 Resp: 1110461

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

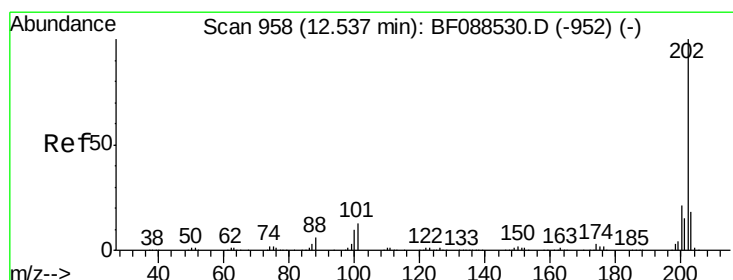
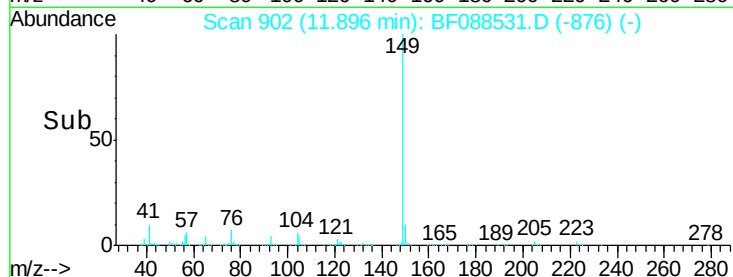
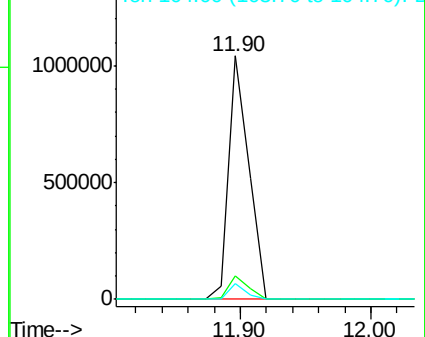
104 6.2 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.66 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

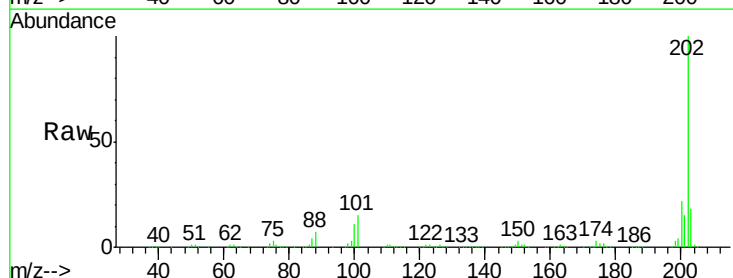
Tgt Ion:202 Resp: 1053500

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.1

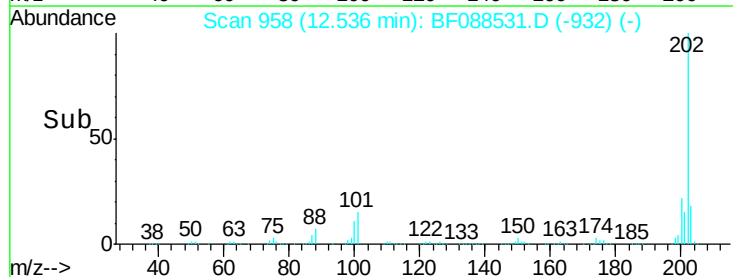
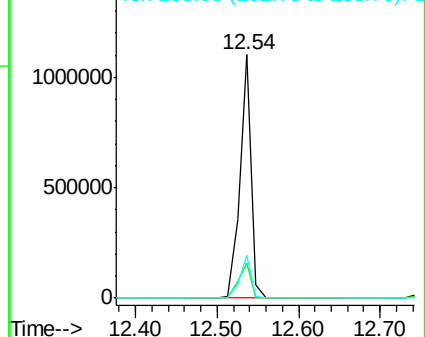
203 17.7 0.0 38.1

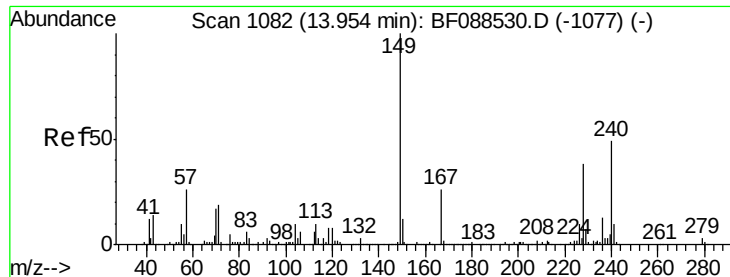


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

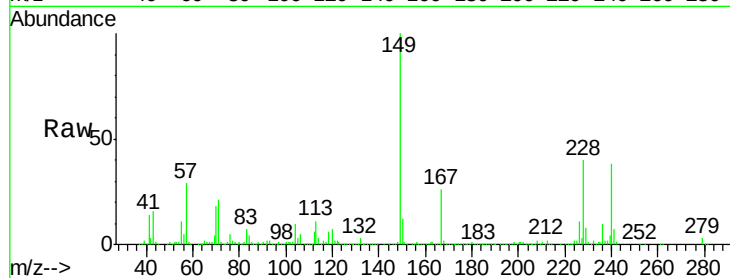
Tgt Ion:240 Resp: 241153

Ion Ratio Lower Upper

240 100

120 17.6 6.8 10.2#

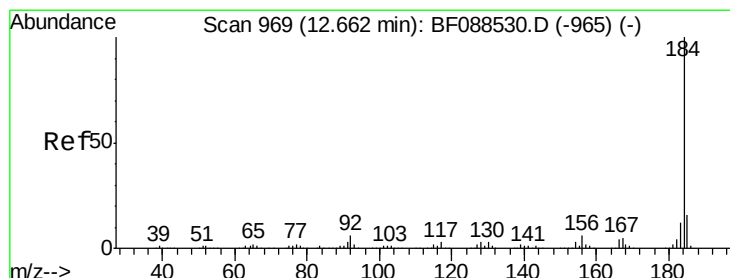
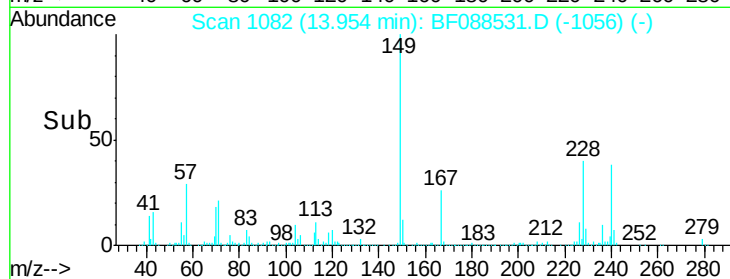
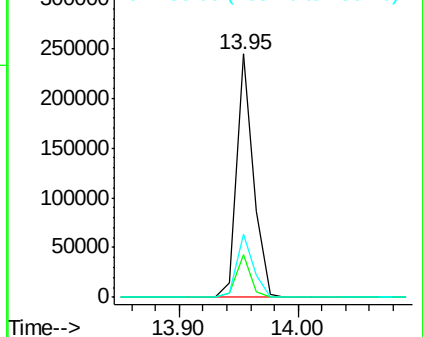
236 25.7 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 89.58 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

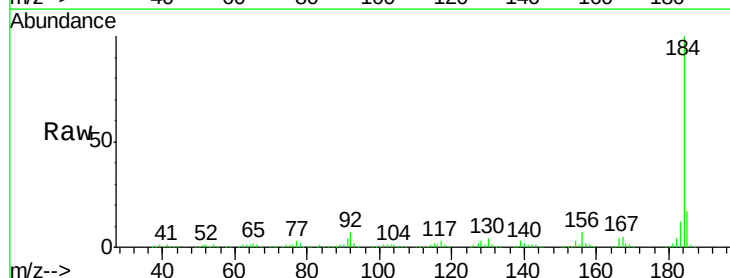
Tgt Ion:184 Resp: 701163

Ion Ratio Lower Upper

184 100

185 17.4 12.5 18.7

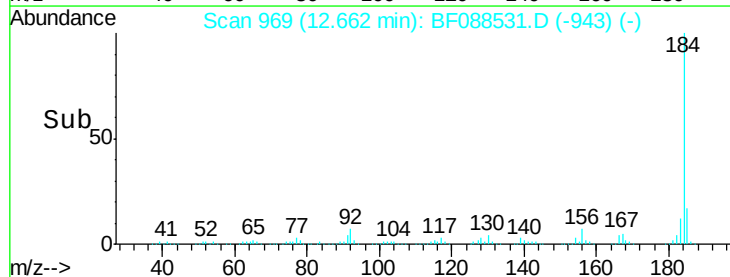
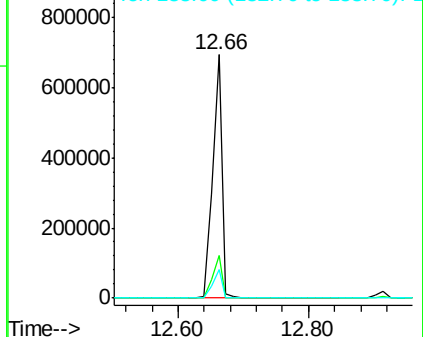
183 12.0 9.3 13.9

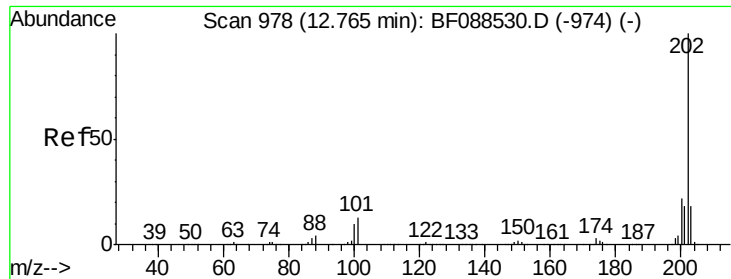


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 55.03 ng

RT: 12.76 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

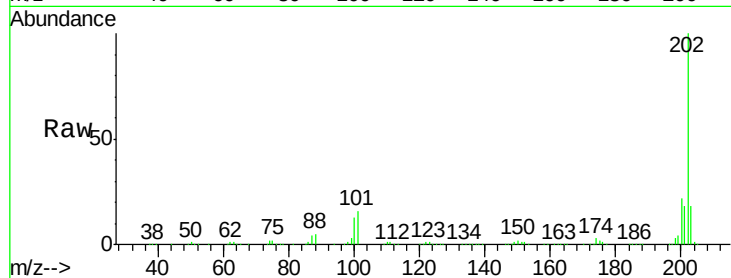
Tgt Ion:202 Resp: 1136414

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

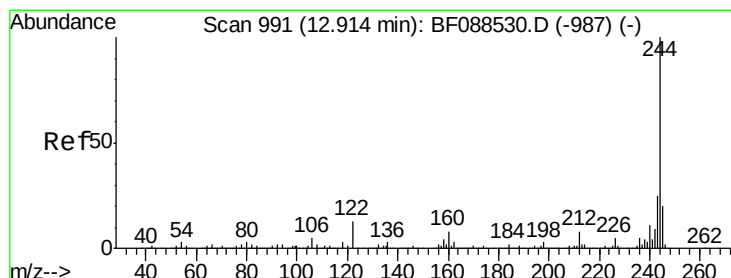
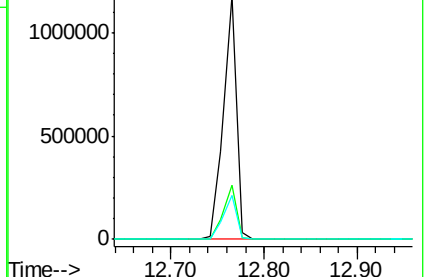
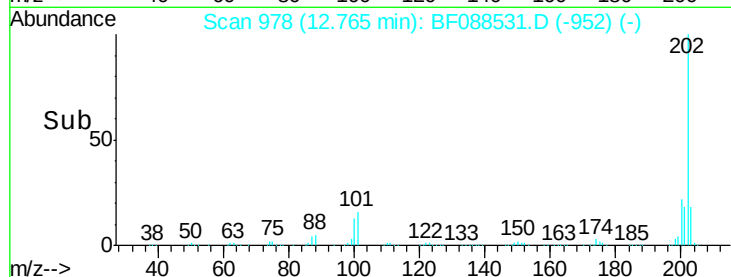
203 18.1 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 48.75 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

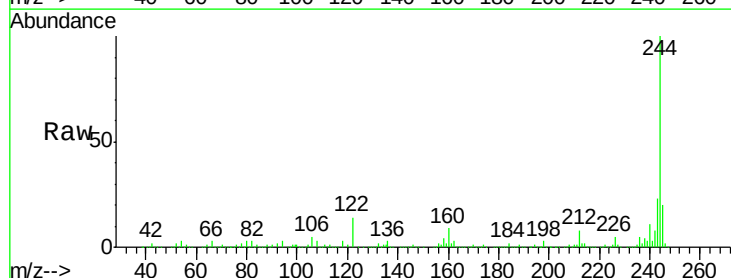
Tgt Ion:244 Resp: 1073024

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

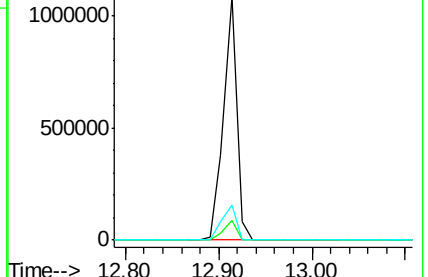
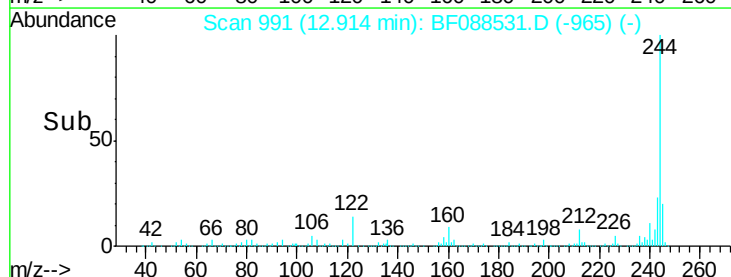
122 14.4 11.2 16.8

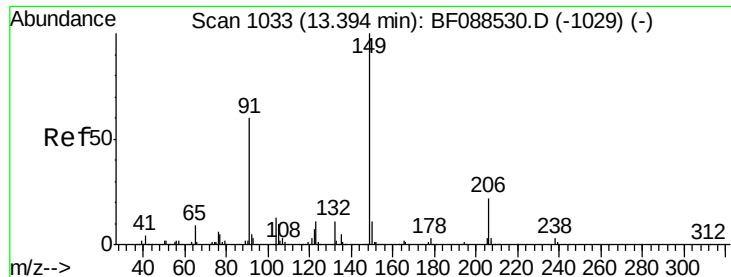


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 54.11 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

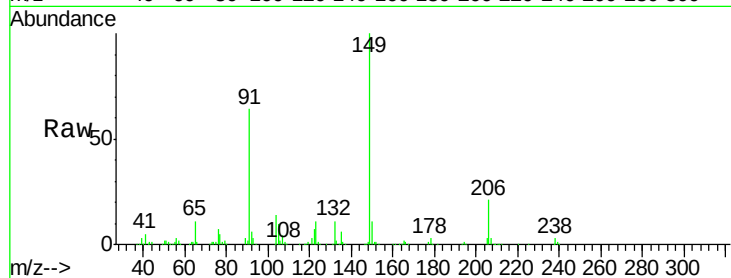
Tgt Ion:149 Resp: 497801

Ion Ratio Lower Upper

149 100

91 64.1 48.0 72.0

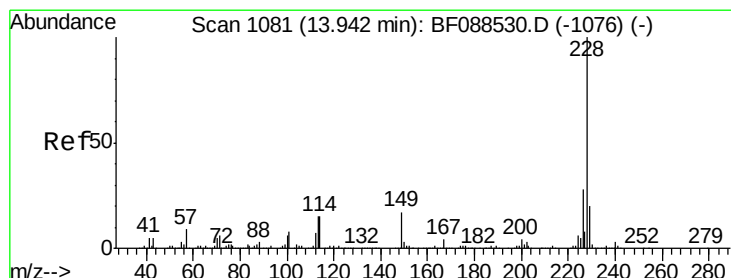
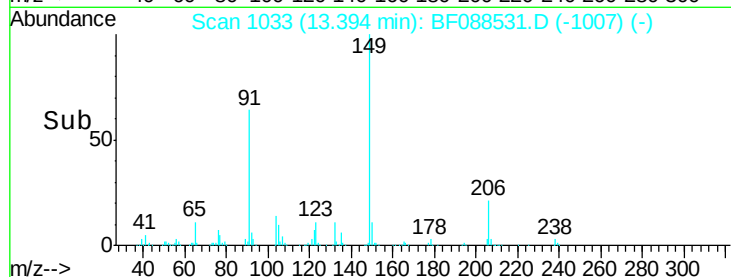
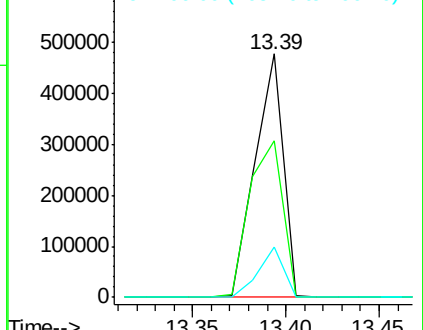
206 20.6 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.35 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

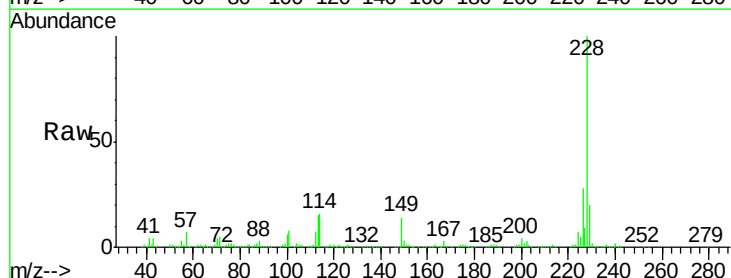
Tgt Ion:228 Resp: 775614

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

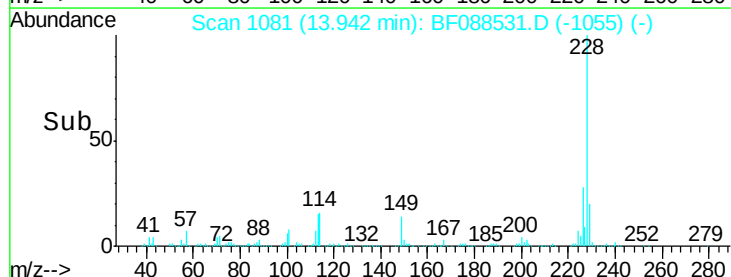
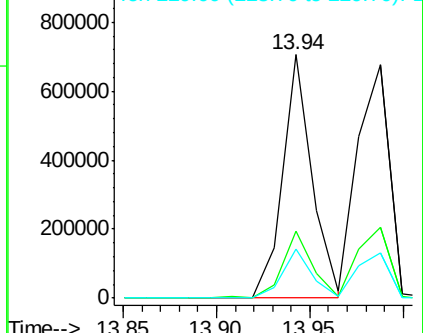
229 20.2 16.0 24.0

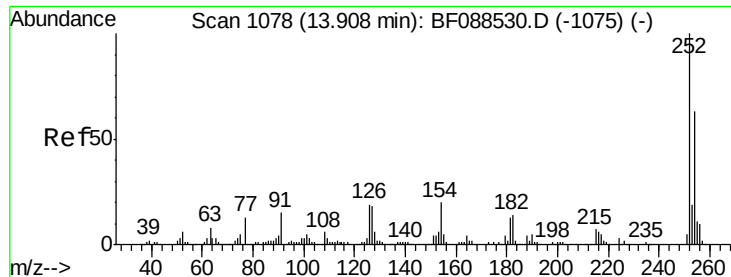


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

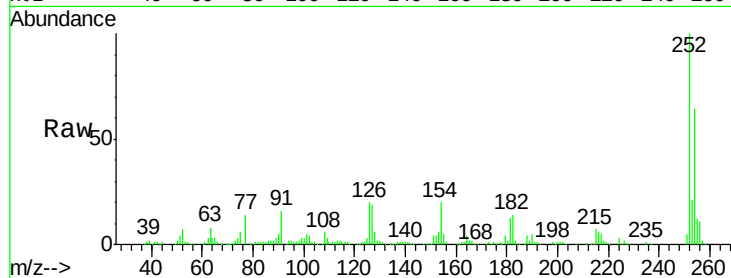




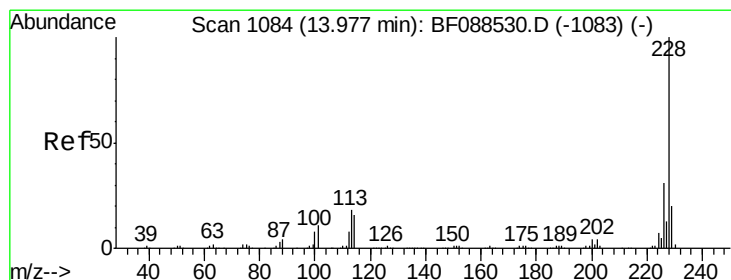
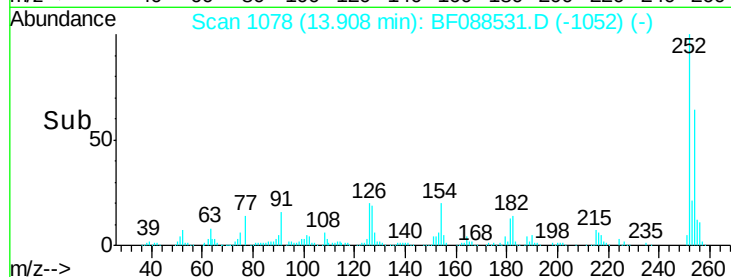
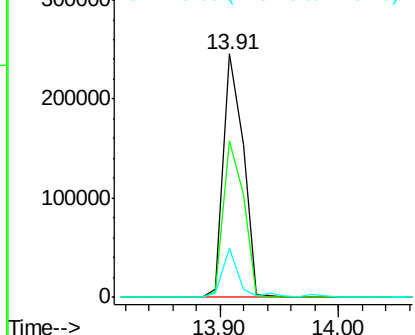
#81  
 3,3'-Dichlorobenzidine  
 Concen: 53.15 ng  
 RT: 13.91 min Scan# 1078  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tgt Ion: 252 Resp: 283612  
 Ion Ratio Lower Upper  
 252 100  
 254 64.3 52.6 78.8  
 126 20.0 6.2 9.2#

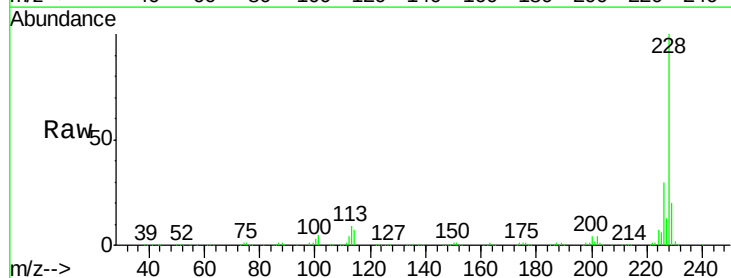


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

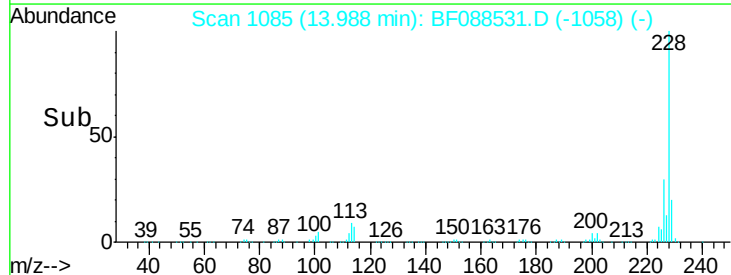
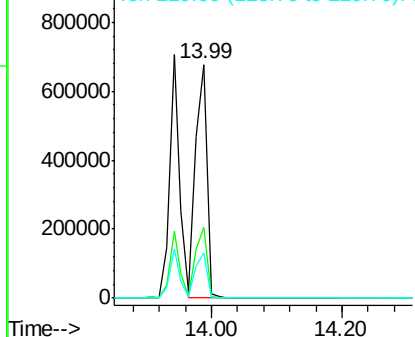


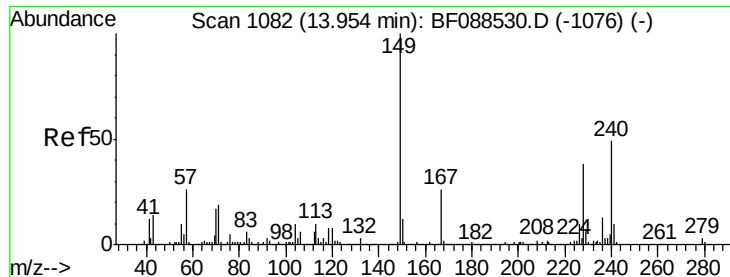
#82  
 Chrysene  
 Concen: 51.18 ng  
 RT: 13.99 min Scan# 1085  
 Delta R.T. 0.01 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

Tgt Ion: 228 Resp: 805907  
 Ion Ratio Lower Upper  
 228 100  
 226 30.4 25.4 38.2  
 229 19.6 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.14 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

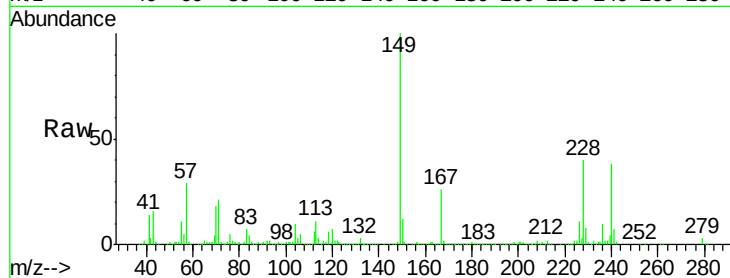
Tgt Ion:149 Resp: 557343

Ion Ratio Lower Upper

149 100

167 25.8 20.5 30.7

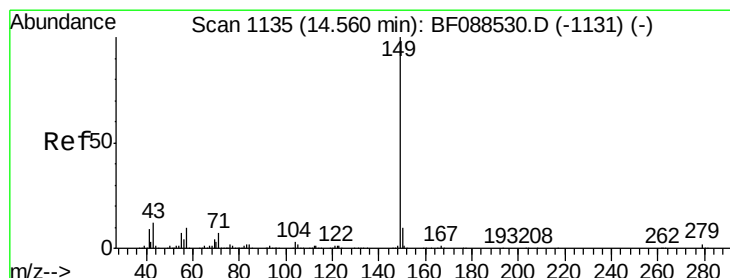
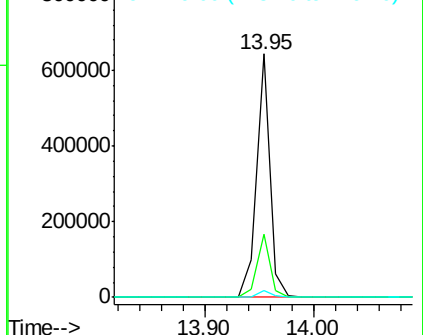
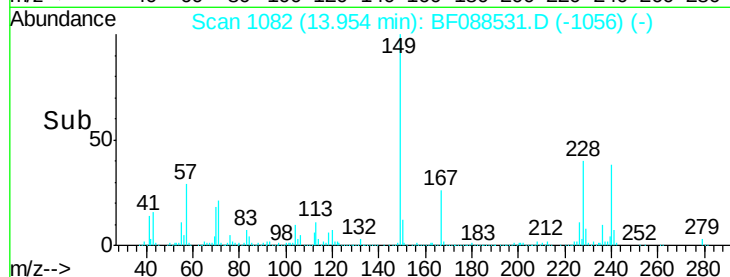
279 2.7 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.23 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

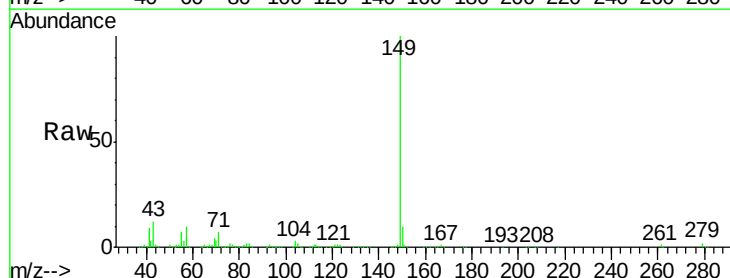
Tgt Ion:149 Resp: 906229

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

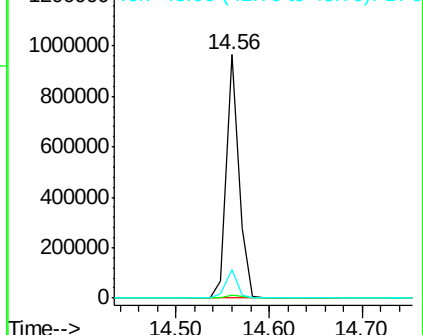
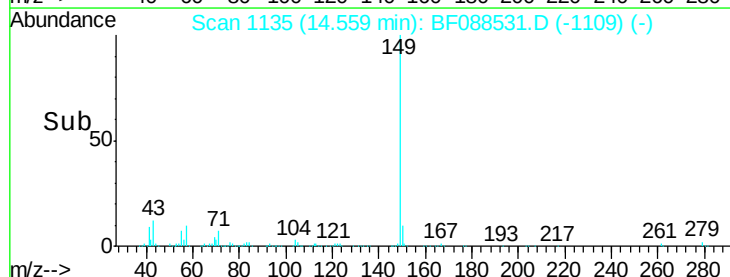
43 11.1 0.0 0.0#

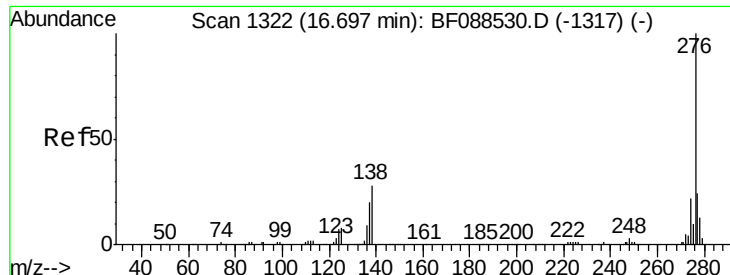


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

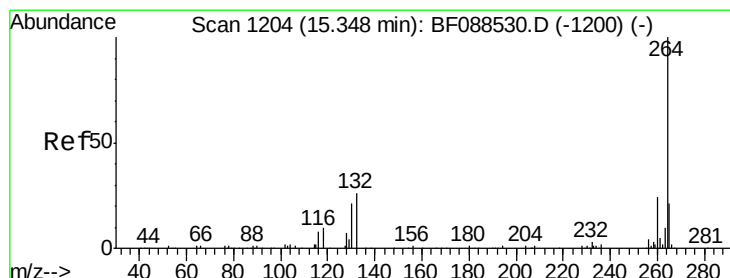
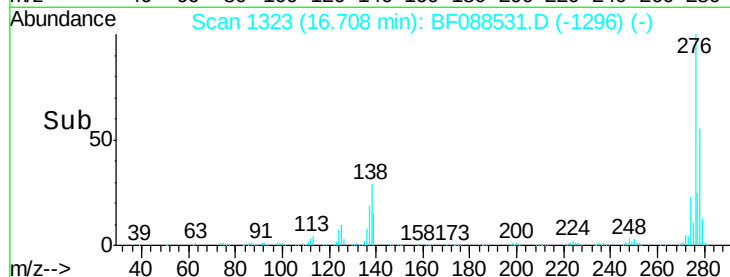
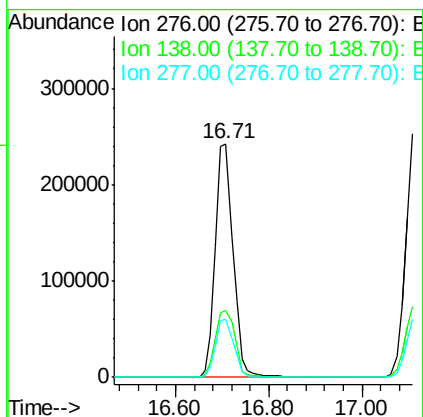
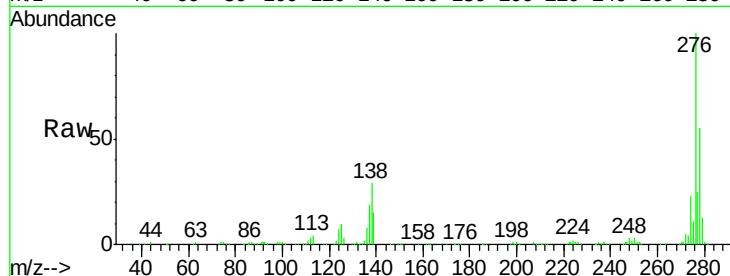




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 52.11 ng  
 RT: 16.71 min Scan# 1323  
 Delta R.T. 0.01 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

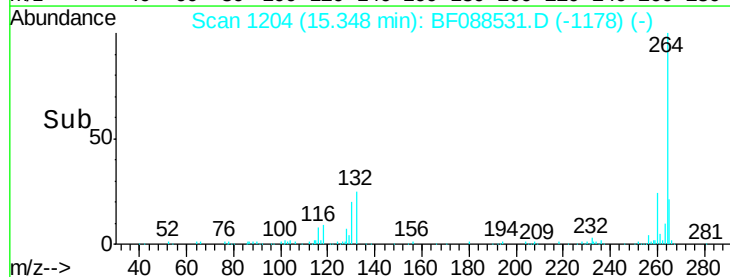
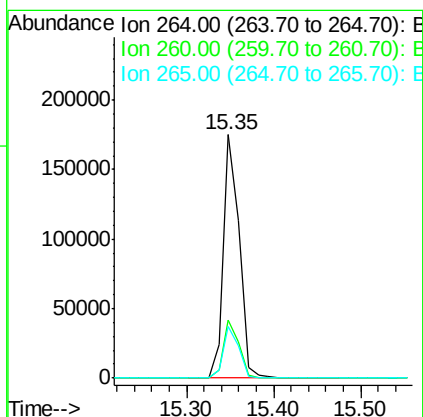
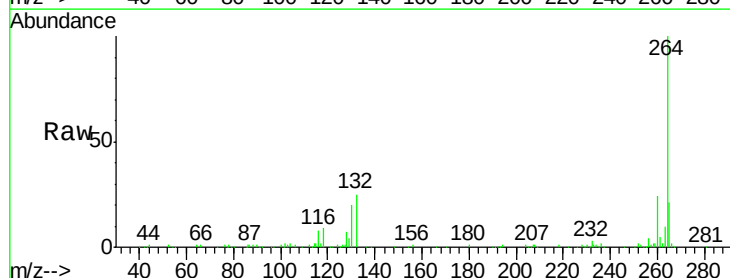
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

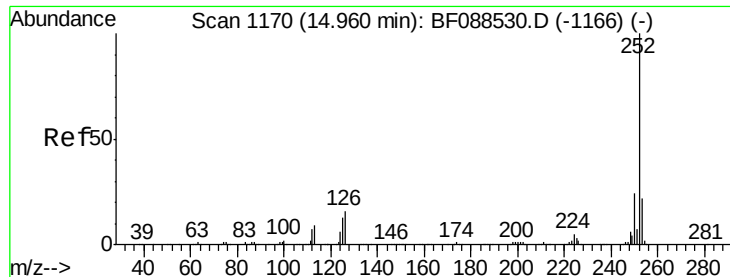
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 31.9  | 0.0   | 0.0#  |
| 277     | 25.2  | 0.0   | 0.0#  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.35 min Scan# 1204  
 Delta R.T. -0.00 min  
 Lab File: BF088531.D  
 Acq: 30 Jun 2016 16:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.2  | 28.8  |
| 265     | 21.4  | 16.9  | 25.3  |

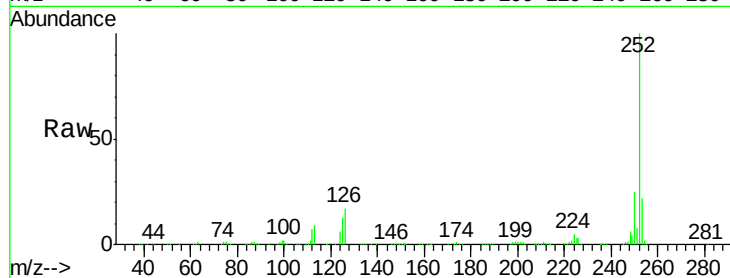




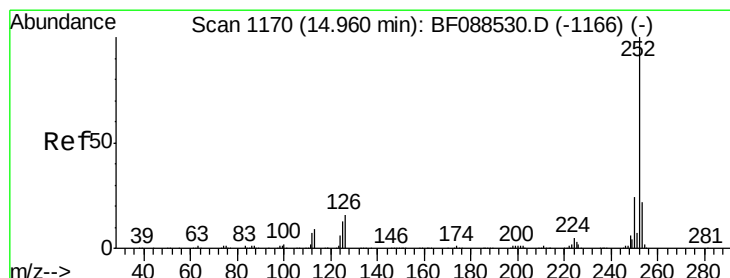
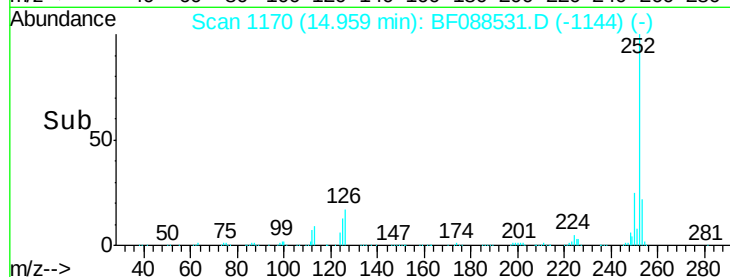
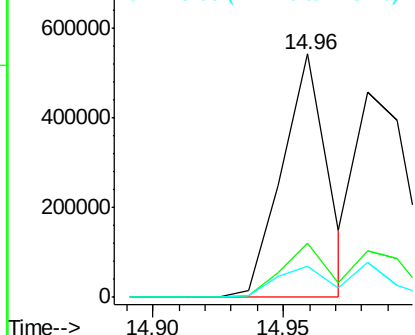
#87  
Benzo(b)fluoranthene  
Concen: 47.63 ng  
RT: 14.96 min Scan# 1170  
Delta R.T. -0.00 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tgt Ion:252 Resp: 655160  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.4 26.2  
125 12.7 7.1 10.7#

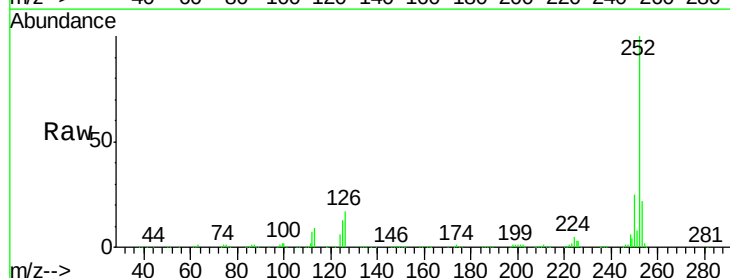


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

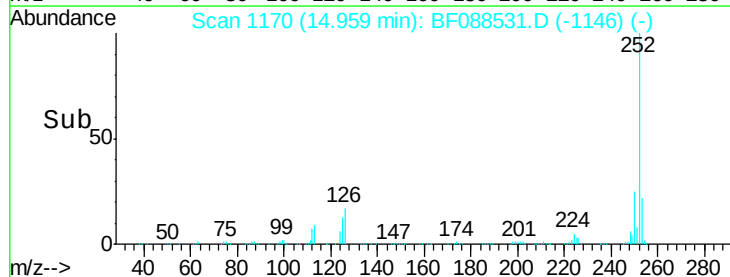
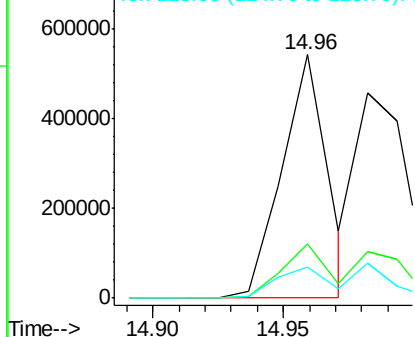


#88  
Benzo(k)fluoranthene  
Concen: 51.51 ng  
RT: 14.96 min Scan# 1170  
Delta R.T. -0.02 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

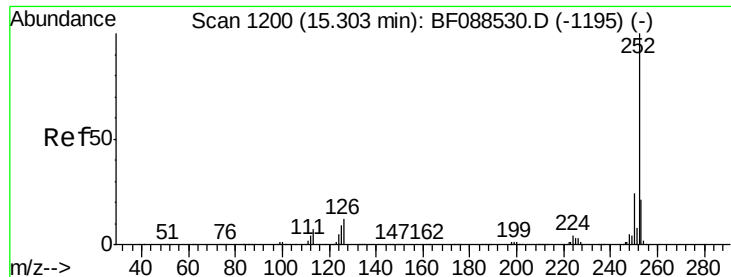
Tgt Ion:252 Resp: 655160  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.0 27.0  
125 12.7 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



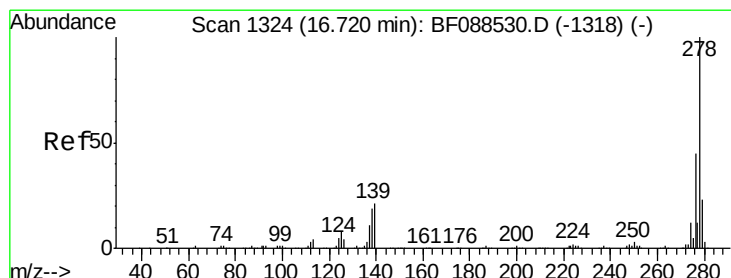
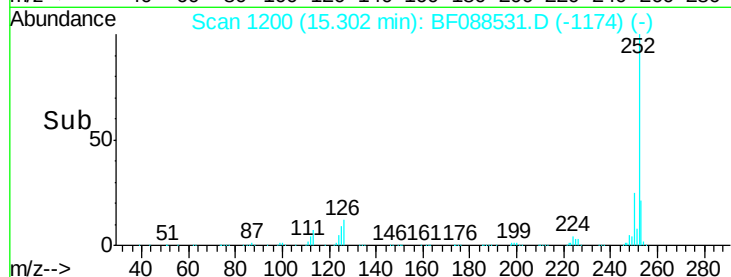
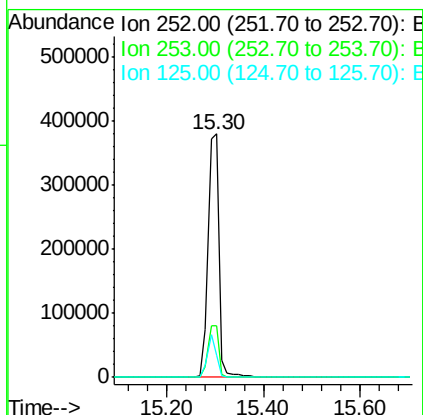
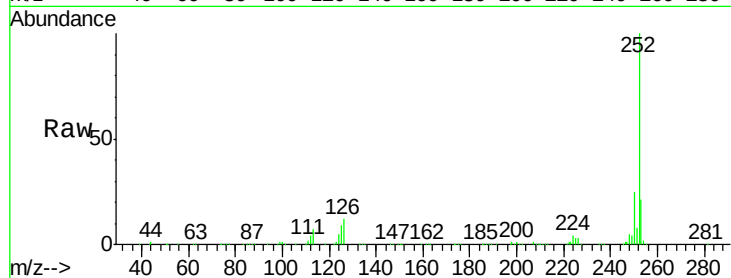




#89  
Benzo(a)pyrene  
Concen: 48.38 ng  
RT: 15.30 min Scan# 1200  
Delta R.T. -0.00 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

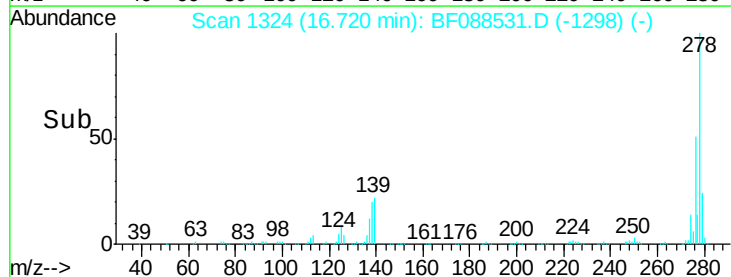
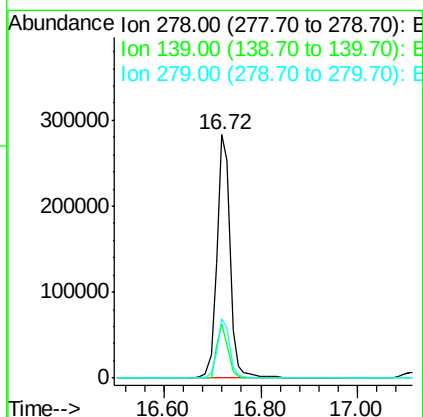
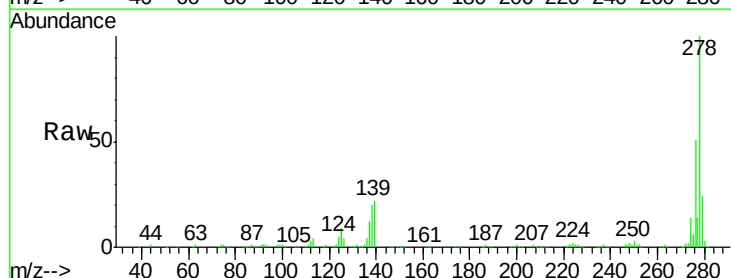
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

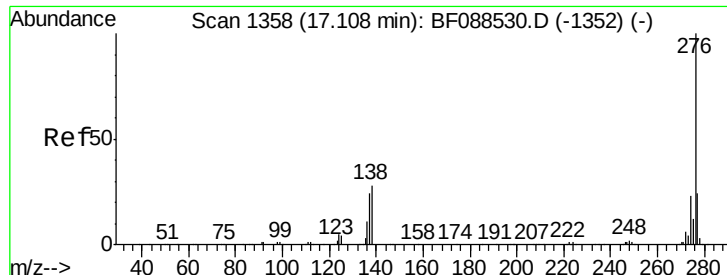
Tgt Ion:252 Resp: 604281  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.9 26.9  
125 9.3 12.5 18.7#



#90  
Dibenzo(a,h)anthracene  
Concen: 53.84 ng  
RT: 16.72 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BF088531.D  
Acq: 30 Jun 2016 16:08

Tgt Ion:278 Resp: 549887  
Ion Ratio Lower Upper  
278 100  
139 22.2 15.7 23.5  
279 24.3 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 55.27 ng

RT: 17.11 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BF088531.D

Acq: 30 Jun 2016 16:08

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

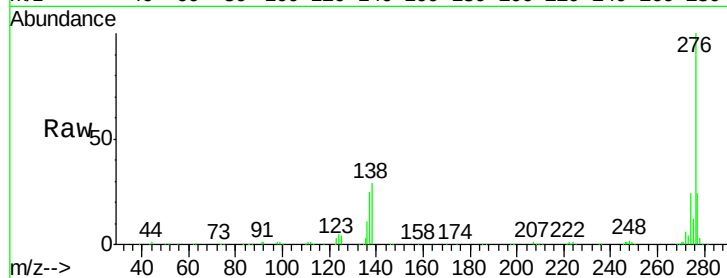
Tgt Ion: 276 Resp: 586473

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 28.9 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

