

Data Path : Z:\HPCHEM1\BNA\_F\Data\BF092815\  
 Data File : BF081845.D  
 Acq On : 28 Sep 2015 16:01  
 Operator : UM/IZ  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Sep 28 16:56:20 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 28 16:48:28 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.94  | 152  | 116639   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.22  | 136  | 449109   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.98  | 164  | 215637   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.46 | 188  | 410530   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.12 | 240  | 343374   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.58 | 264  | 293371   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 501956  | 72.80 | ng | 0.00 |
| 7) Phenol-d6             | 6.56  | 99  | 622503  | 71.38 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.50  | 82  | 525840  | 77.25 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.77 | 330 | 165118  | 88.20 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.30  | 172 | 1068182 | 81.32 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.05 | 244 | 864984  | 57.54 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.54 | 88  | 109649 | 32.13  | ng | 85     |
| 3) Pyridine                    | 3.30 | 79  | 307842 | 31.98  | ng | # 83   |
| 4) n-Nitrosodimethylamine      | 3.26 | 42  | 130848 | 28.80  | ng | 96     |
| 6) Aniline                     | 6.59 | 93  | 420406 | 32.20  | ng | # 85   |
| 8) 2-Chlorophenol              | 6.72 | 128 | 269802 | 35.52  | ng | 97     |
| 9) Benzaldehyde                | 6.48 | 77  | 202296 | 39.24  | ng | # 80   |
| 10) Phenol                     | 6.57 | 94  | 362476 | 35.78  | ng | 72     |
| 11) bis(2-Chloroethyl)ether    | 6.67 | 93  | 257398 | 34.65  | ng | 88     |
| 12) 1,3-Dichlorobenzene        | 7.11 | 146 | 273323 | 30.40  | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 7.11 | 146 | 284694 | 31.30  | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.11 | 146 | 286698 | 33.88  | ng | 99     |
| 15) Benzyl Alcohol             | 7.07 | 79  | 226520 | 32.94  | ng | # 76   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45  | 383498 | 30.18  | ng | 81     |
| 17) 2-Methylphenol             | 7.19 | 107 | 223407 | 34.82  | ng | # 89   |
| 18) Hexachloroethane           | 7.44 | 117 | 104201 | 35.18  | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 7.35 | 70  | 196782 | 33.85  | ng | # 76   |
| 20) 3+4-Methylphenols          | 7.34 | 107 | 275725 | 34.20  | ng | # 69   |
| 22) Acetophenone               | 7.35 | 105 | 362792 | 36.83  | ng | # 84   |
| 24) Nitrobenzene               | 7.52 | 77  | 295740 | 38.94  | ng | # 70   |
| 25) Isophorone                 | 7.76 | 82  | 525146 | 34.83  | ng | # 95   |
| 26) 2-Nitrophenol              | 7.84 | 139 | 146874 | 53.25  | ng | # 81   |
| 27) 2,4-Dimethylphenol         | 7.87 | 122 | 250966 | 36.70  | ng | # 84   |
| 28) bis(2-Chloroethoxy)methane | 7.97 | 93  | 298001 | 33.83  | ng | # 93   |
| 29) 2,4-Dichlorophenol         | 8.08 | 162 | 235976 | 37.06  | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.16 | 180 | 262968 | 36.80  | ng | 98     |
| 31) Naphthalene                | 8.24 | 128 | 742072 | 35.82  | ng | 97     |
| 32) Benzoic acid               | 7.99 | 122 | 136240 | 102.32 | ng | # 69   |
| 33) 4-Chloroaniline            | 8.30 | 127 | 348160 | 38.29  | ng | # 93   |
| 34) Hexachlorobutadiene        | 8.35 | 225 | 156098 | 37.04  | ng | 98     |
| 35) Caprolactam                | 8.66 | 113 | 65831  | 38.70  | ng | # 79   |
| 36) 4-Chloro-3-methylphenol    | 8.78 | 107 | 234140 | 36.70  | ng | 94     |
| 37) 2-Methylnaphthalene        | 8.94 | 142 | 544791 | 36.90  | ng | # 91   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.10 | 216 | 254787 | 37.02  | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.09 | 237 | 144226 | 48.90  | ng | 97     |

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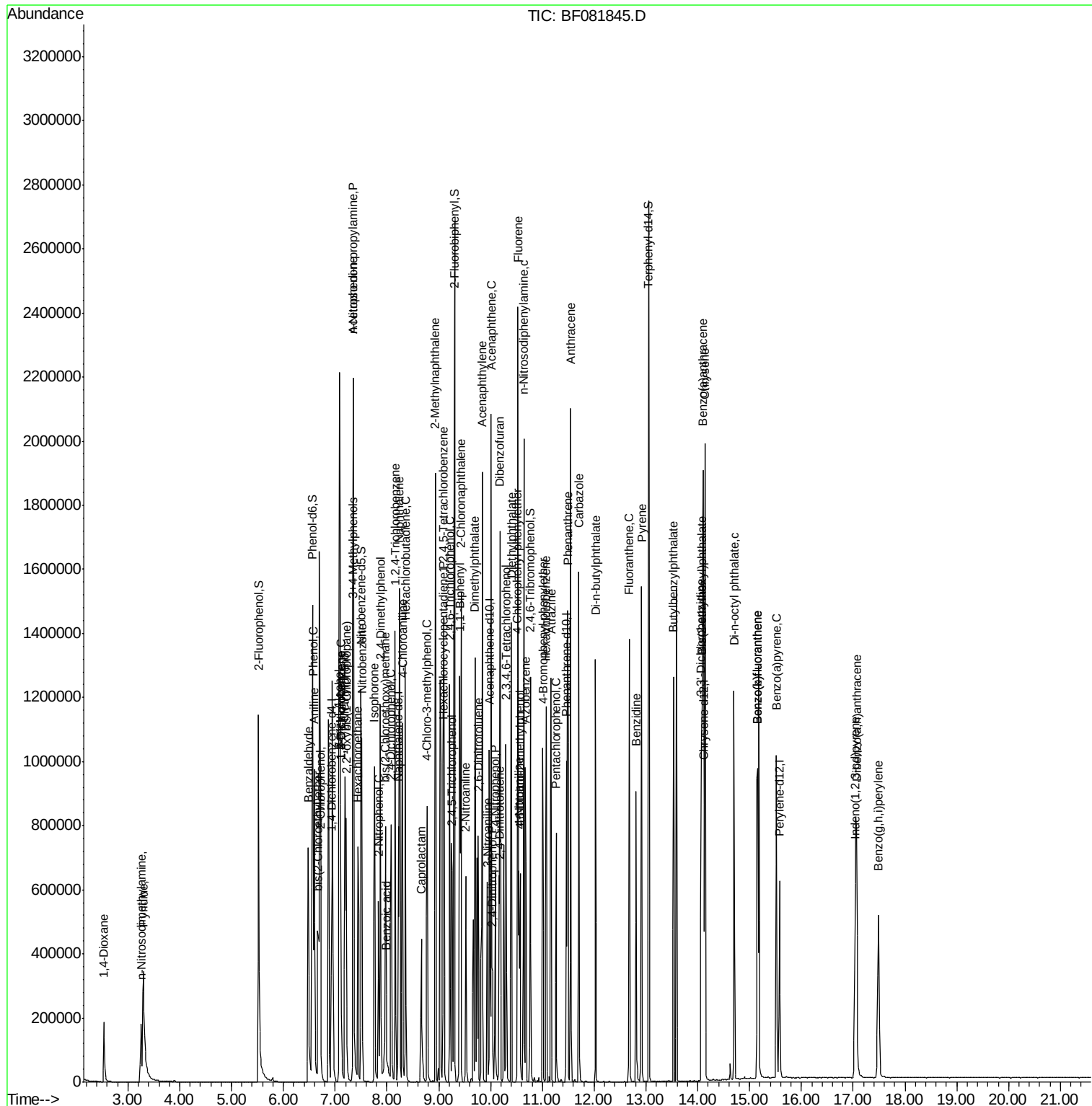
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

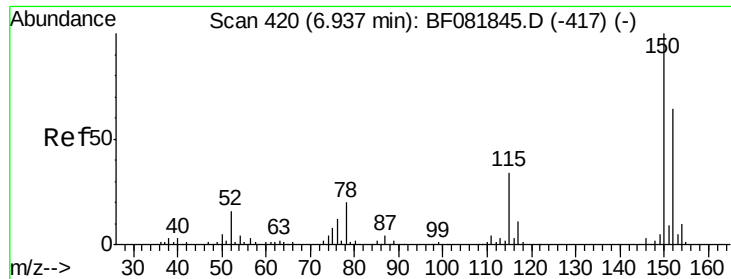
Quant Time: Sep 28 16:56:20 2015  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 28 16:48:28 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.21  | 196  | 181467   | 40.02  | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.26  | 196  | 186049   | 41.70  | ng #  | 91       |
| 45) 1,1'-Biphenyl              | 9.41  | 154  | 632664   | 37.52  | ng    | 93       |
| 46) 2-Chloronaphthalene        | 9.43  | 162  | 521620   | 38.46  | ng    | 98       |
| 47) 2-Nitroaniline             | 9.52  | 65   | 145187   | 40.25  | ng #  | 66       |
| 48) Acenaphthylene             | 9.84  | 152  | 787821   | 34.32  | ng    | 95       |
| 49) Dimethylphthalate          | 9.70  | 163  | 587731   | 35.82  | ng #  | 98       |
| 50) 2,6-Dinitrotoluene         | 9.76  | 165  | 124341   | 39.26  | ng #  | 50       |
| 51) Acenaphthene               | 10.01 | 154  | 476413   | 36.02  | ng    | 90       |
| 52) 3-Nitroaniline             | 9.94  | 138  | 153882   | 44.80  | ng    | 97       |
| 53) 2,4-Dinitrophenol          | 10.03 | 184  | 43681    | 134.32 | ng #  | 45       |
| 54) Dibenzofuran               | 10.18 | 168  | 647318   | 33.36  | ng #  | 87       |
| 55) 4-Nitrophenol              | 10.09 | 139  | 112461   | 47.47  | ng #  | 58       |
| 56) 2,4-Dinitrotoluene         | 10.17 | 165  | 164985   | 43.51  | ng #  | 83       |
| 57) Fluorene                   | 10.53 | 166  | 509523   | 34.22  | ng    | 92       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.30 | 232  | 144763   | 42.51  | ng    | 97       |
| 59) Diethylphthalate           | 10.40 | 149  | 550421   | 34.63  | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.51 | 204  | 239145   | 34.98  | ng #  | 77       |
| 61) 4-Nitroaniline             | 10.55 | 138  | 143455   | 42.99  | ng #  | 46       |
| 62) Azobenzene                 | 10.67 | 77   | 525886   | 32.37  | ng    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 10.57 | 198  | 77415    | 95.43  | ng    | 90       |
| 65) n-Nitrosodiphenylamine     | 10.64 | 169  | 485658   | 35.08  | ng    | 91       |
| 66) 4-Bromophenyl-phenylether  | 11.01 | 248  | 158243   | 34.62  | ng #  | 85       |
| 67) Hexachlorobenzene          | 11.07 | 284  | 188595   | 39.54  | ng #  | 82       |
| 68) Atrazine                   | 11.17 | 200  | 148476   | 35.87  | ng    | 84       |
| 69) Pentachlorophenol          | 11.27 | 266  | 109426   | 56.13  | ng    | 99       |
| 70) Phenanthrene               | 11.49 | 178  | 770312   | 32.82  | ng    | 95       |
| 71) Anthracene                 | 11.54 | 178  | 803122   | 35.51  | ng    | 97       |
| 72) Carbazole                  | 11.70 | 167  | 748894   | 35.67  | ng    | 96       |
| 73) Di-n-butylphthalate        | 12.02 | 149  | 753203   | 29.47  | ng #  | 98       |
| 74) Fluoranthene               | 12.67 | 202  | 803148   | 33.96  | ng    | 94       |
| 76) Benzidine                  | 12.81 | 184  | 458442   | 39.34  | ng    | 97       |
| 77) Pyrene                     | 12.91 | 202  | 859679   | 33.21  | ng    | 96       |
| 79) Butylbenzylphthalate       | 13.53 | 149  | 329906   | 31.98  | ng    | 96       |
| 80) Benzo(a)anthracene         | 14.10 | 228  | 728954   | 35.01  | ng    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 14.07 | 252  | 267047   | 40.38  | ng #  | 93       |
| 82) Chrysene                   | 14.14 | 228  | 696442   | 34.88  | ng    | 93       |
| 83) Bis(2-ethylhexyl)phthalate | 14.08 | 149  | 394768   | 31.56  | ng #  | 89       |
| 84) Di-n-octyl phthalate       | 14.70 | 149  | 623558   | 33.90  | ng #  | 93       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.04 | 276  | 586122   | 32.06  | ng #  | 86       |
| 87) Benzo(b)fluoranthene       | 15.16 | 252  | 676728   | 38.90  | ng #  | 84       |
| 88) Benzo(k)fluoranthene       | 15.16 | 252  | 676728   | 40.38  | ng #  | 84       |
| 89) Benzo(a)pyrene             | 15.52 | 252  | 567903   | 36.16  | ng #  | 85       |
| 90) Dibenzo(a,h)anthracene     | 17.06 | 278  | 475396   | 29.04  | ng #  | 81       |
| 91) Benzo(g,h,i)perylene       | 17.49 | 276  | 478977   | 28.38  | ng #  | 76       |

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

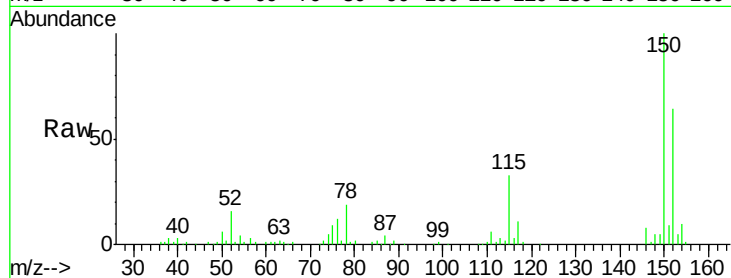
Tgt Ion:152 Resp: 116639

Ion Ratio Lower Upper

152 100

150 156.6 124.7 187.1

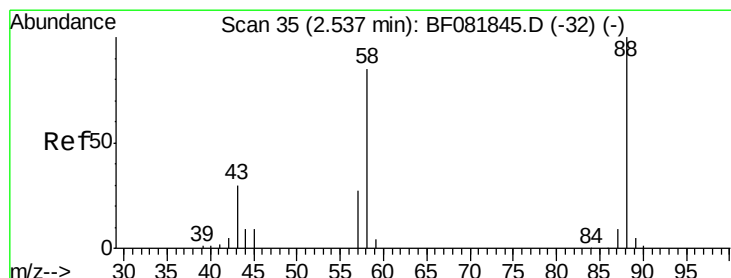
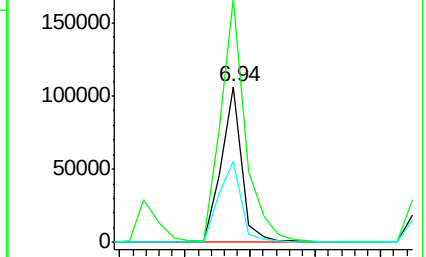
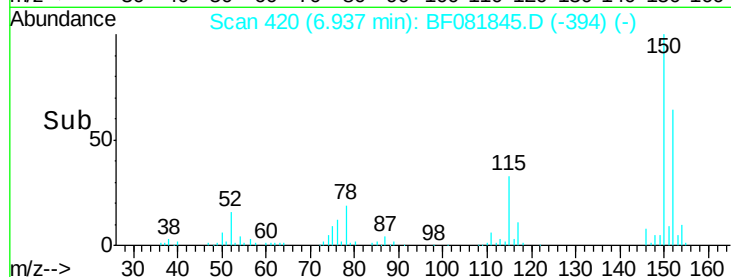
115 52.3 39.0 58.4



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: 32.13 ng

RT: 2.54 min Scan# 35

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

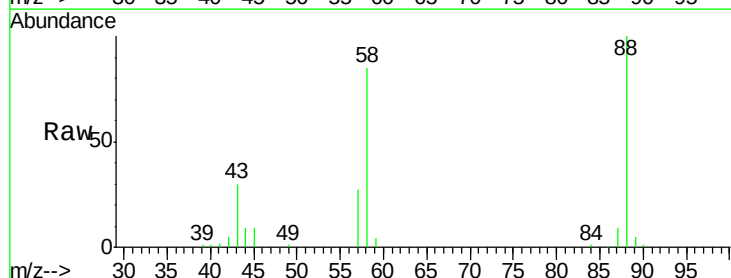
Tgt Ion: 88 Resp: 109649

Ion Ratio Lower Upper

88 100

58 80.4 77.7 116.5

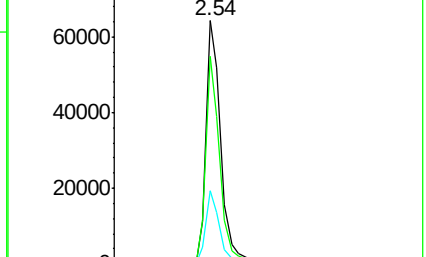
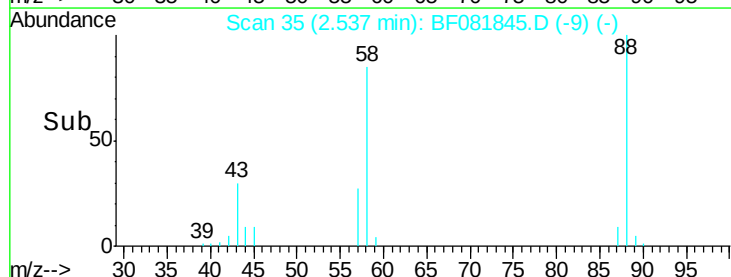
43 28.7 26.6 40.0

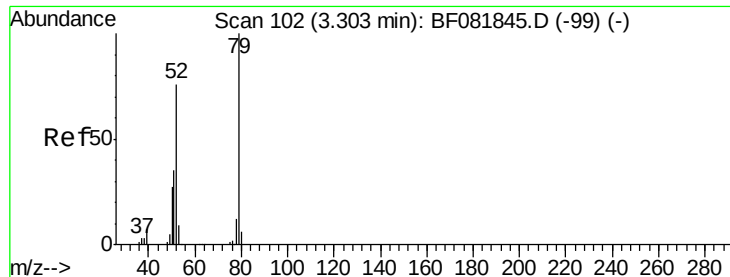


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.98 ng

RT: 3.30 min Scan# 102

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

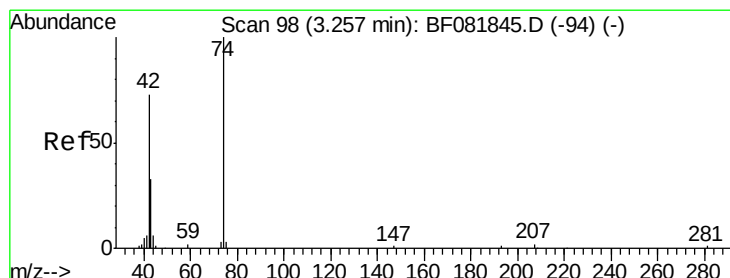
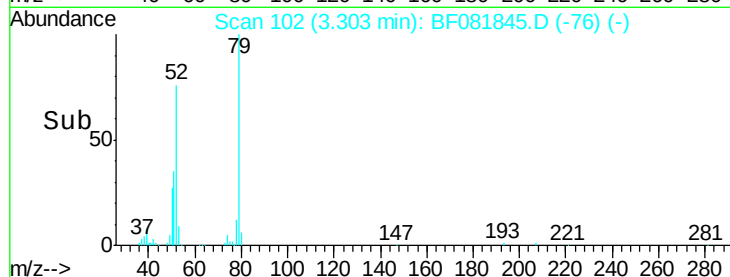
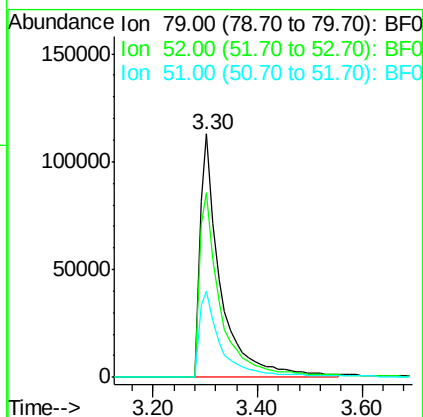
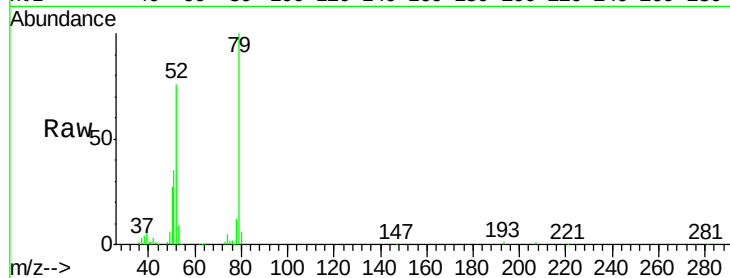
Tgt Ion: 79 Resp: 307842

Ion Ratio Lower Upper

79 100

52 75.9 76.8 115.2#

51 35.2 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 28.80 ng

RT: 3.26 min Scan# 98

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

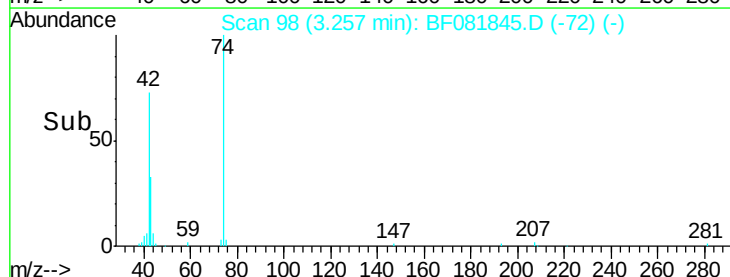
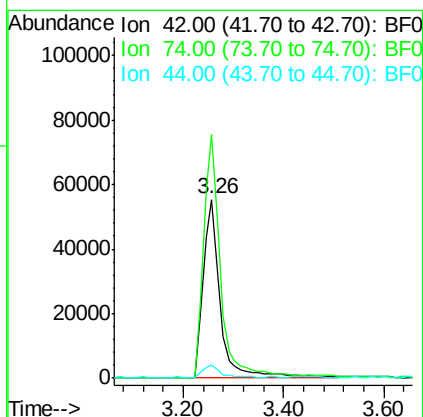
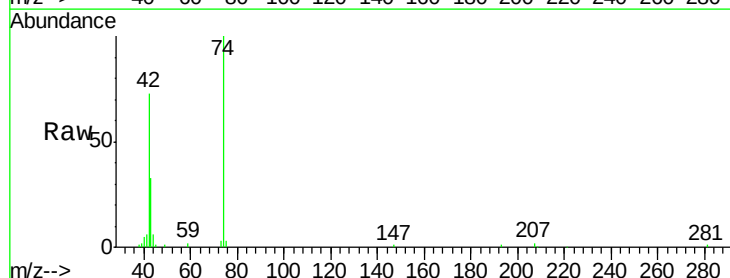
Tgt Ion: 42 Resp: 130848

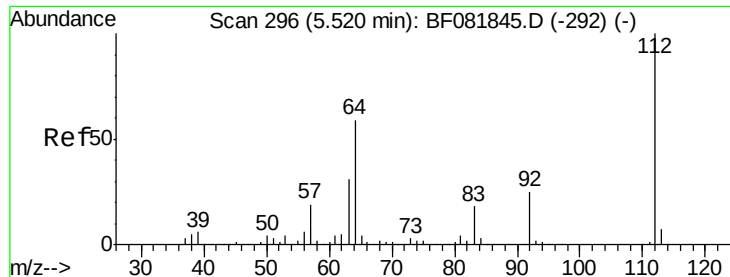
Ion Ratio Lower Upper

42 100

74 136.1 105.0 157.6

44 7.5 6.6 10.0





#5

2-Fluorophenol

Concen: 72.80 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

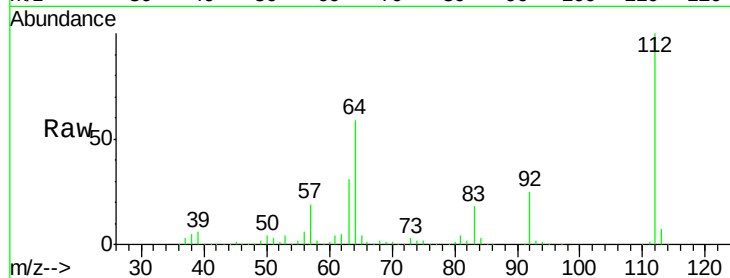
Tgt Ion: 112 Resp: 501956

Ion Ratio Lower Upper

112 100

64 59.3 39.7 59.5

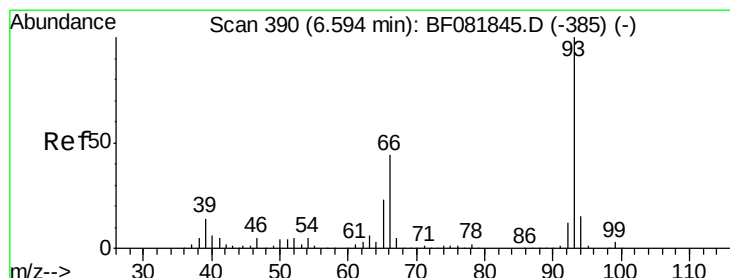
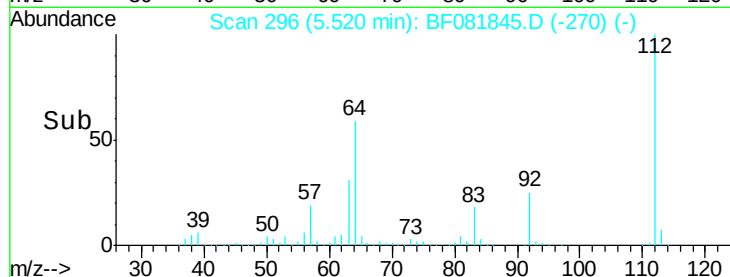
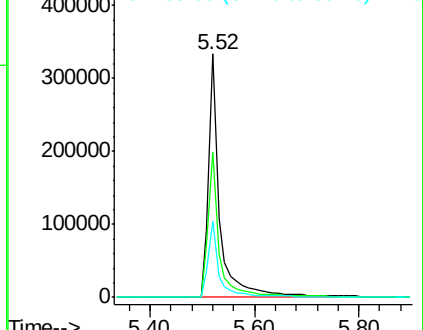
63 31.2 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.20 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

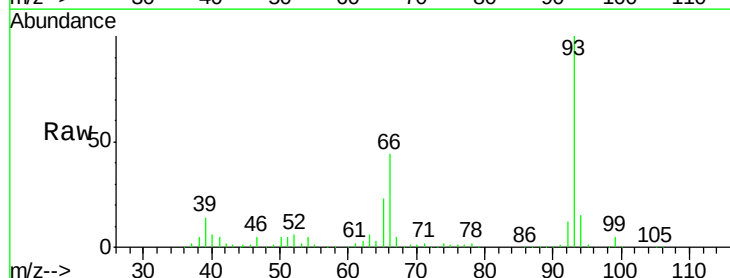
Tgt Ion: 93 Resp: 420406

Ion Ratio Lower Upper

93 100

66 43.8 27.2 40.8#

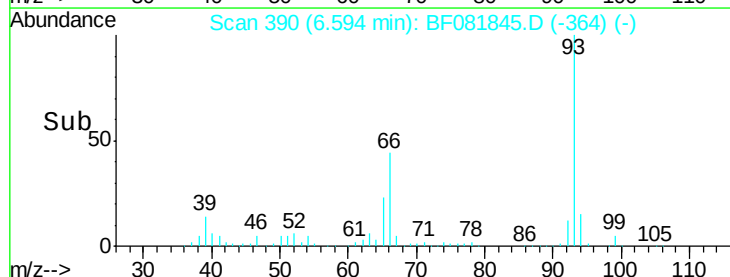
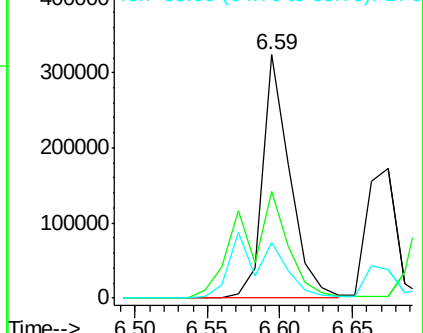
65 23.0 14.7 22.1#

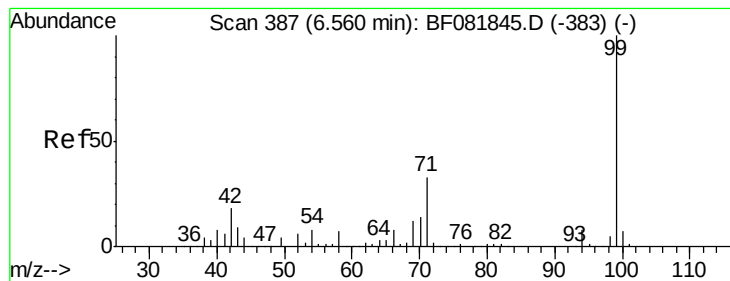


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 71.38 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081845.D

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Instrument :

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ClientSampleId :

SSTDICCC040

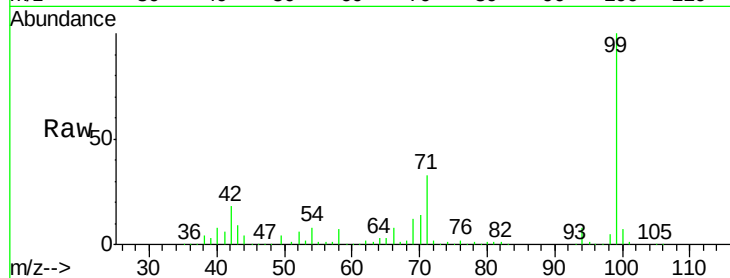
Tgt Ion: 99 Resp: 622503

Ion Ratio Lower Upper

99 100

42 17.7 13.7 20.5

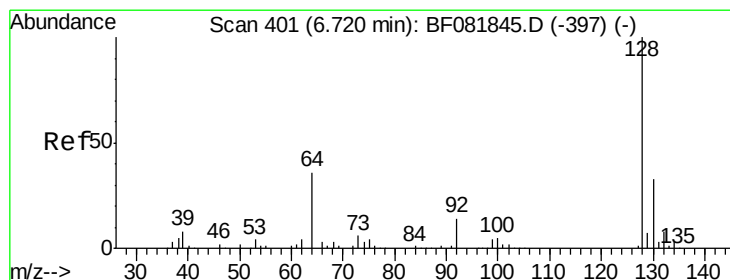
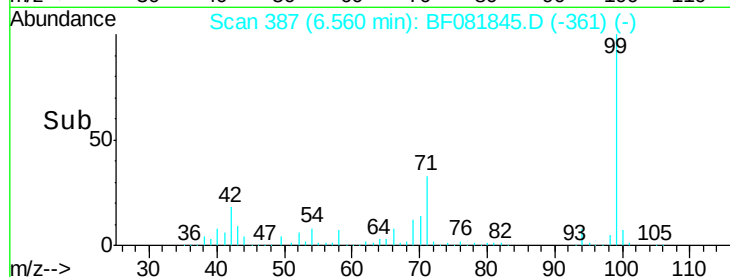
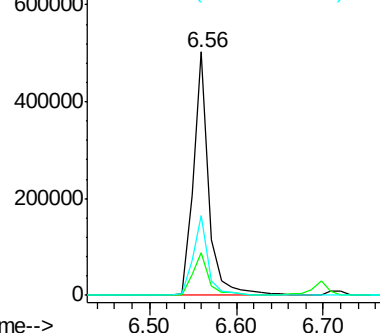
71 32.7 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.52 ng

RT: 6.72 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

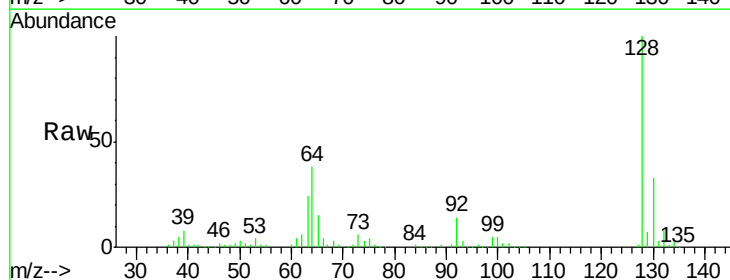
Tgt Ion: 128 Resp: 269802

Ion Ratio Lower Upper

128 100

130 33.1 12.2 52.2

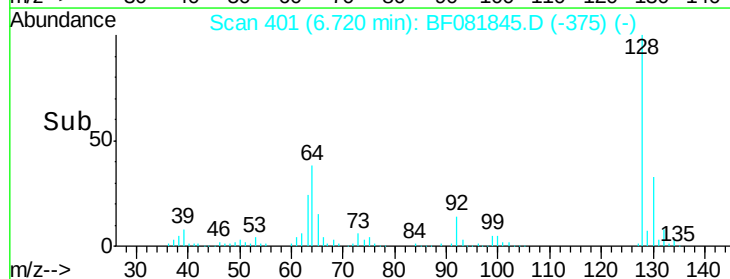
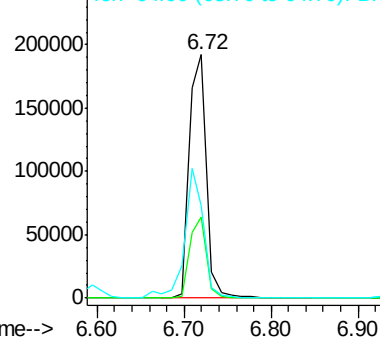
64 38.2 20.5 60.5



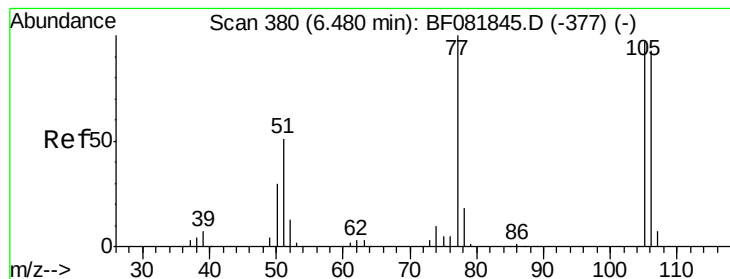
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 39.24 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

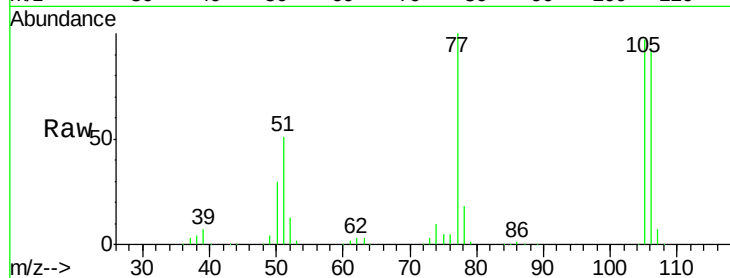
Tgt Ion: 77 Resp: 202296

Ion Ratio Lower Upper

77 100

105 97.2 91.6 131.6

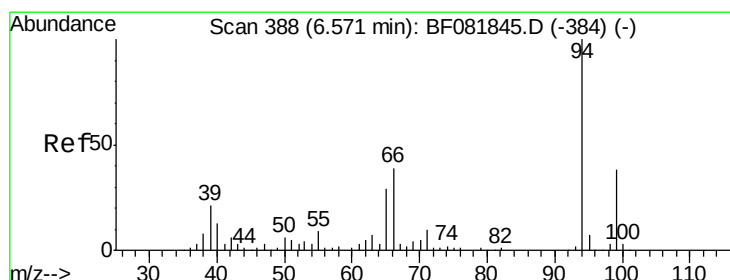
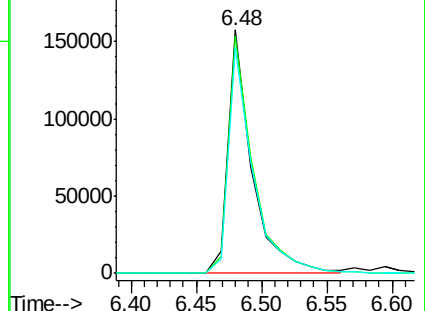
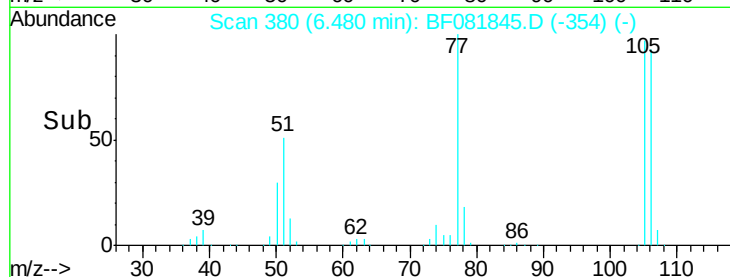
106 92.6 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.78 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

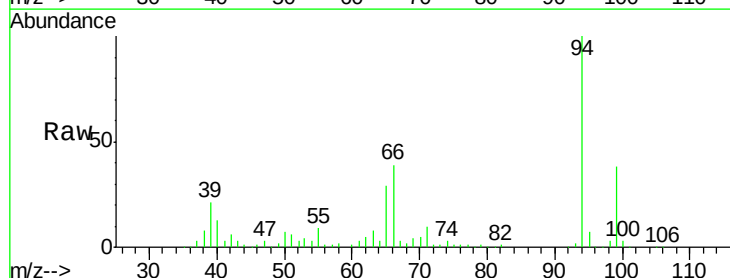
Tgt Ion: 94 Resp: 362476

Ion Ratio Lower Upper

94 100

65 29.2 0.7 40.7

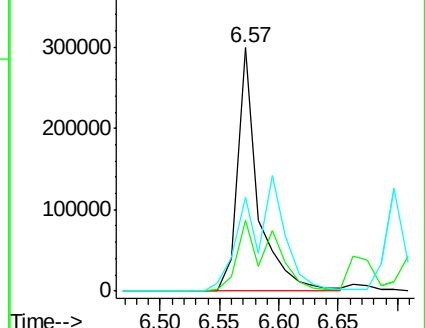
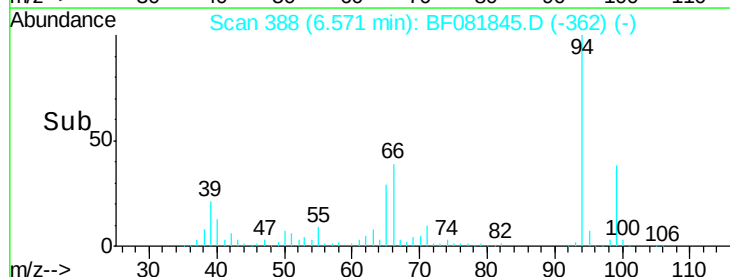
66 38.6 0.8 40.8



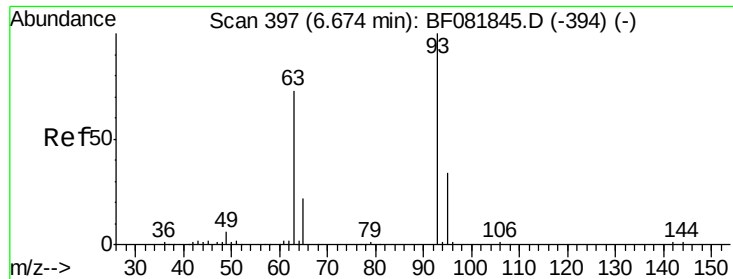
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



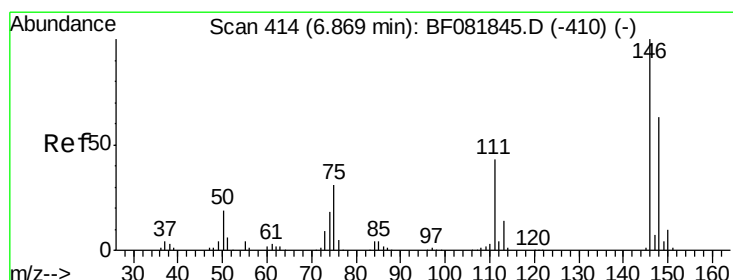
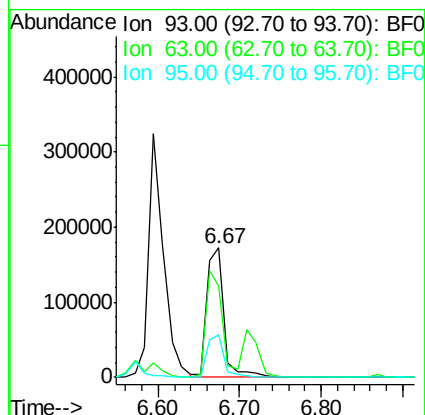
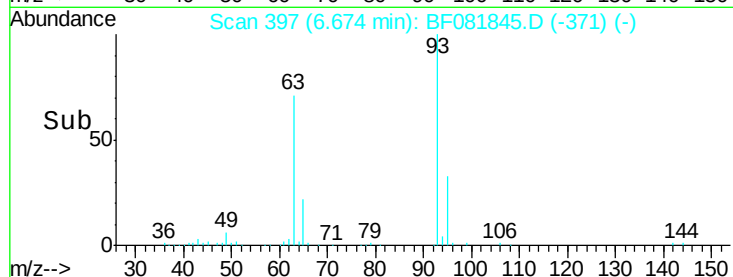
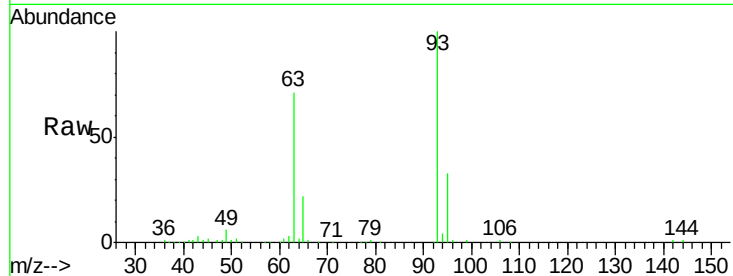




#11  
 bis(2-Chloroethyl)ether  
 Concen: 34.65 ng  
 RT: 6.67 min Scan# 397  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

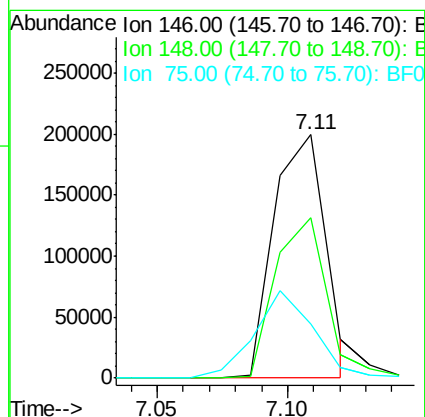
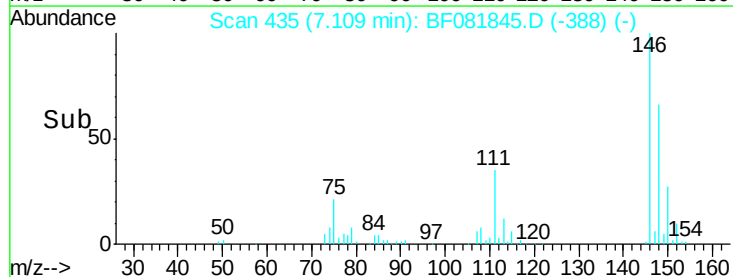
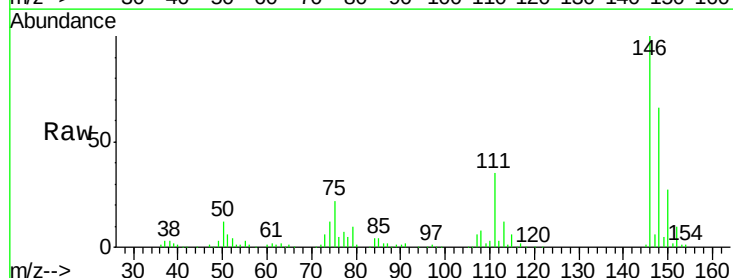
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

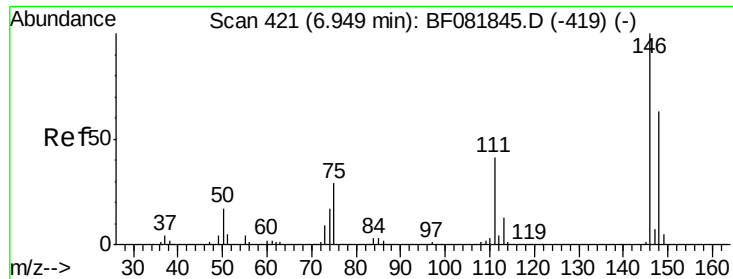
Tgt Ion: 93 Resp: 257398  
 Ion Ratio Lower Upper  
 93 100  
 63 71.1 65.6 105.6  
 95 32.9 13.6 53.6



#12  
 1,3-Dichlorobenzene  
 Concen: 30.40 ng  
 RT: 7.11 min Scan# 435  
 Delta R.T. 0.24 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

Tgt Ion: 146 Resp: 273323  
 Ion Ratio Lower Upper  
 146 100  
 148 66.1 51.0 76.4  
 75 22.1 15.0 22.6

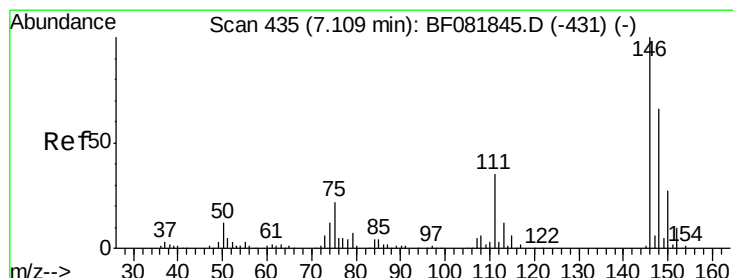
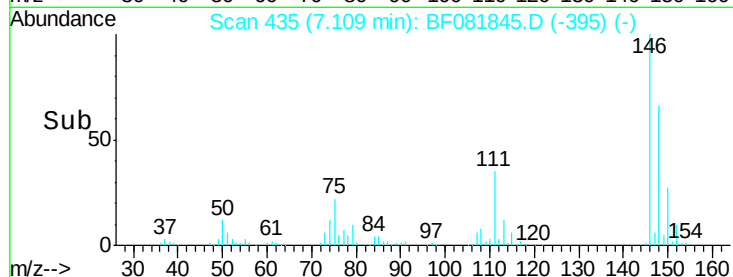
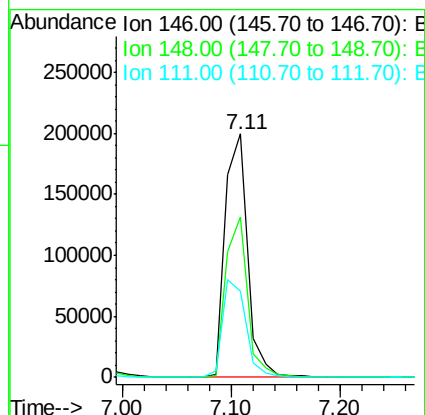
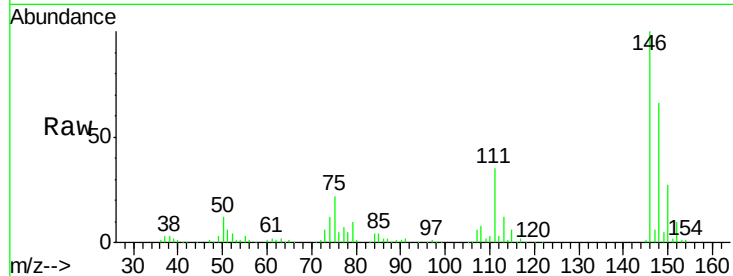




#13  
 1,4-Dichlorobenzene  
 Concen: 31.30 ng  
 RT: 7.11 min Scan# 435  
 Delta R.T. 0.16 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

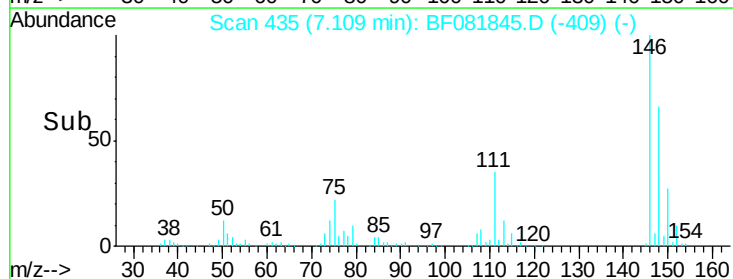
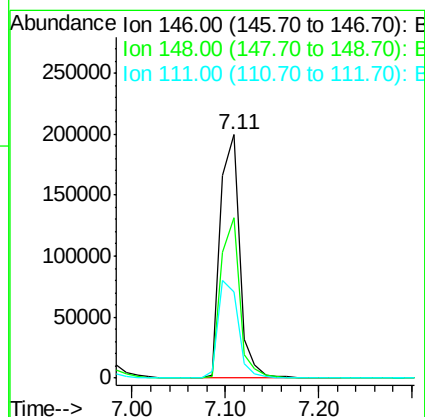
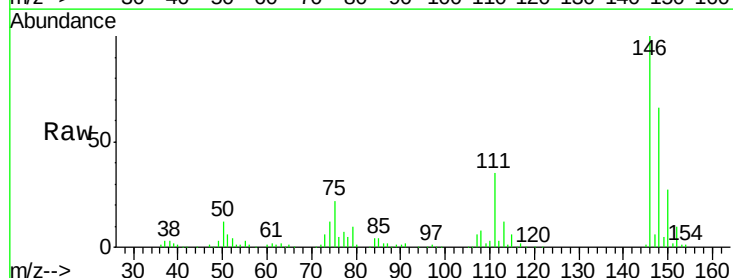
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

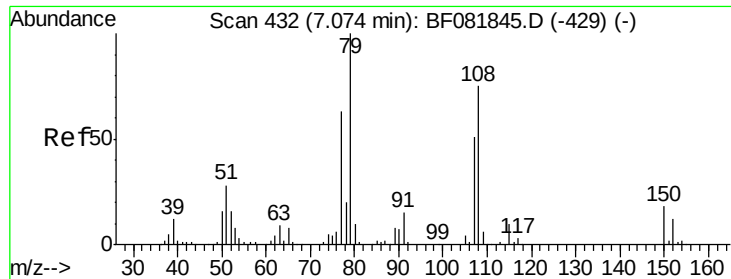
Tgt Ion:146 Resp: 284694  
 Ion Ratio Lower Upper  
 146 100  
 148 66.1 51.8 77.6  
 111 35.4 24.9 37.3



#14  
 1,2-Dichlorobenzene  
 Concen: 33.88 ng  
 RT: 7.11 min Scan# 435  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

Tgt Ion:146 Resp: 286698  
 Ion Ratio Lower Upper  
 146 100  
 148 66.1 52.7 79.1  
 111 35.4 28.8 43.2

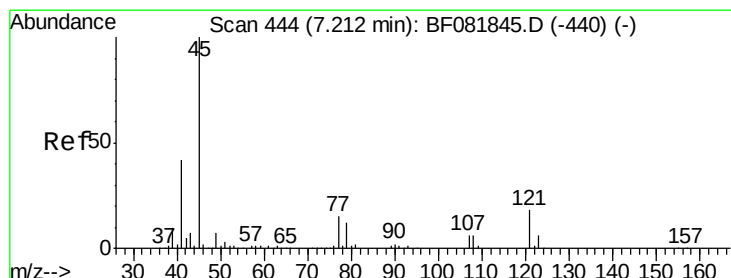
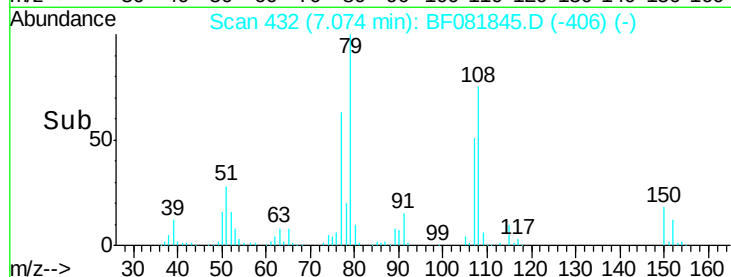
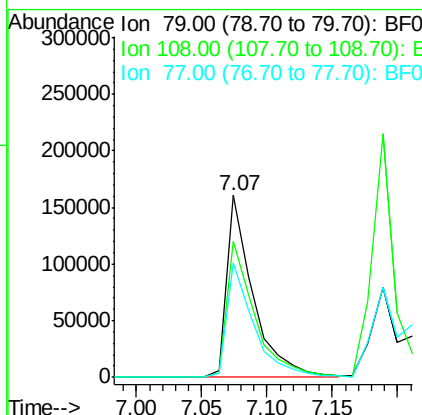
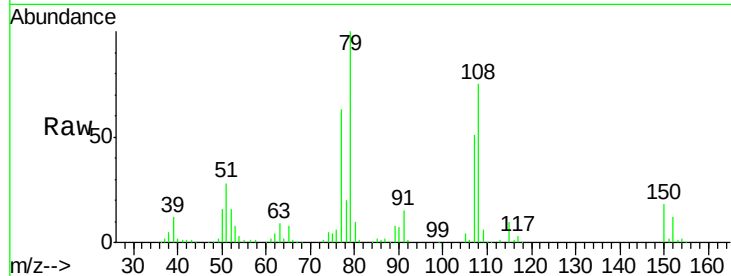




#15  
Benzyl Alcohol  
Concen: 32.94 ng  
RT: 7.07 min Scan# 432  
Delta R.T. 0.00 min  
Lab File: BF081845.D  
Acq: 28 Sep 2015 16:01

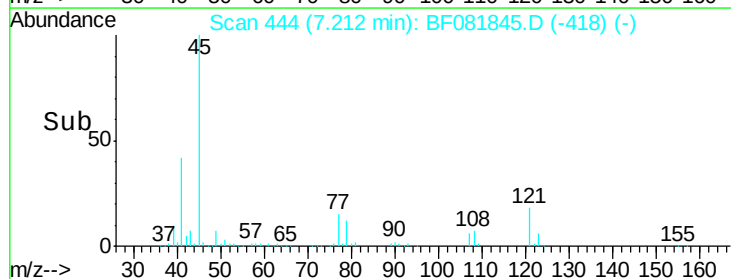
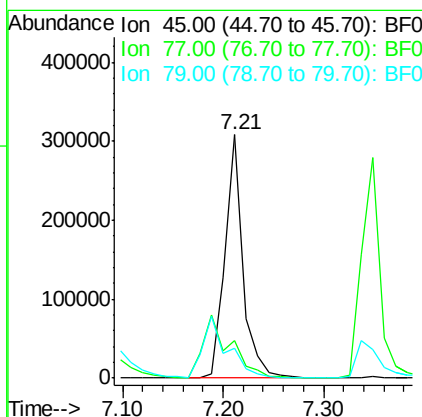
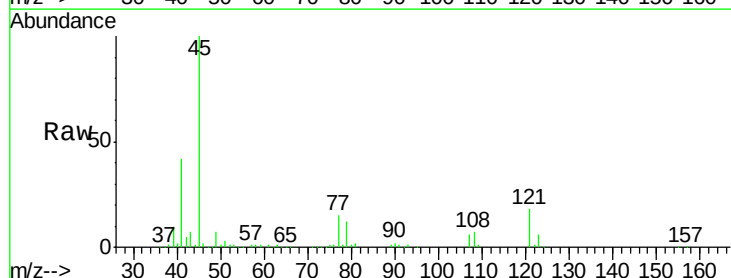
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

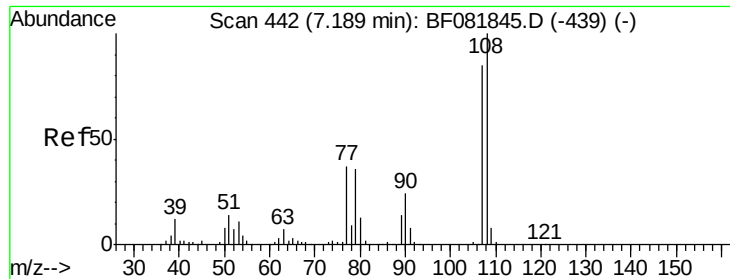
Tgt Ion: 79 Resp: 226520  
Ion Ratio Lower Upper  
79 100  
108 74.8 88.6 132.8#  
77 63.1 47.0 70.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 30.18 ng  
RT: 7.21 min Scan# 444  
Delta R.T. 0.00 min  
Lab File: BF081845.D  
Acq: 28 Sep 2015 16:01

Tgt Ion: 45 Resp: 383498  
Ion Ratio Lower Upper  
45 100  
77 15.3 0.0 28.1  
79 12.0 0.0 26.0

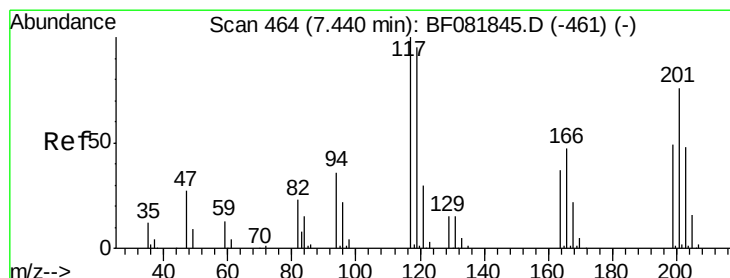
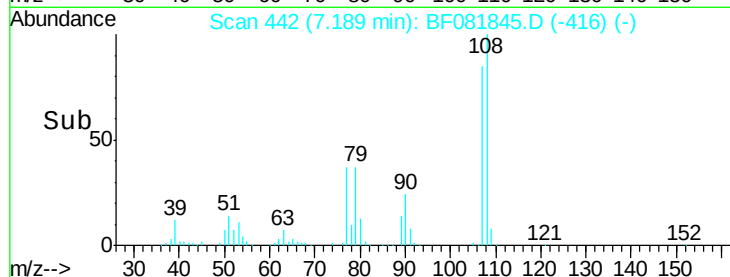
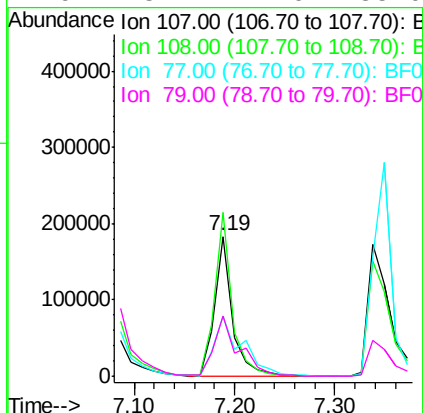
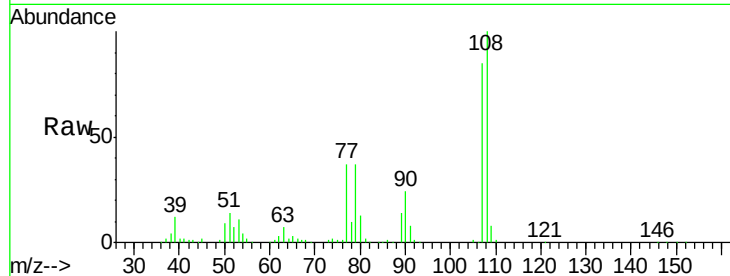




#17  
2-Methylphenol  
Concen: 34.82 ng  
RT: 7.19 min Scan# 442  
Delta R.T. 0.00 min  
Lab File: BF081845.D  
Acq: 28 Sep 2015 16:01

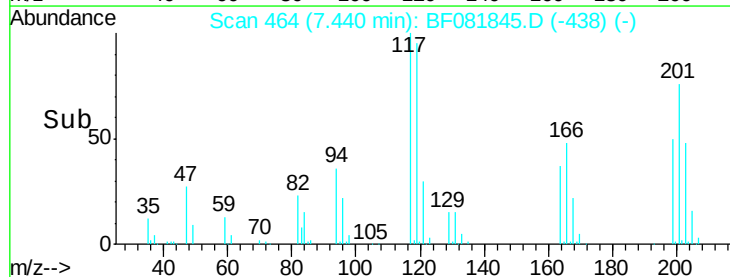
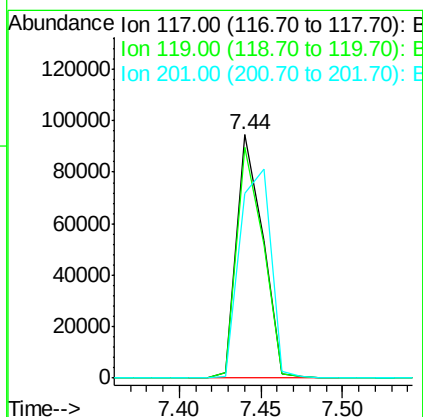
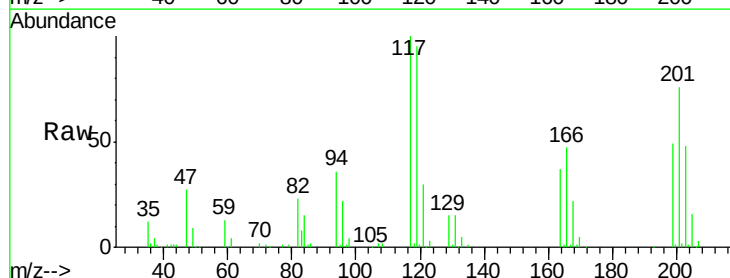
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

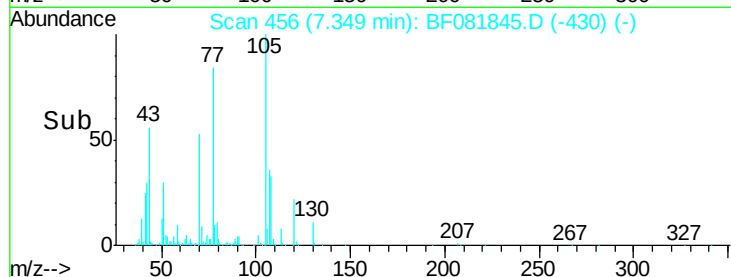
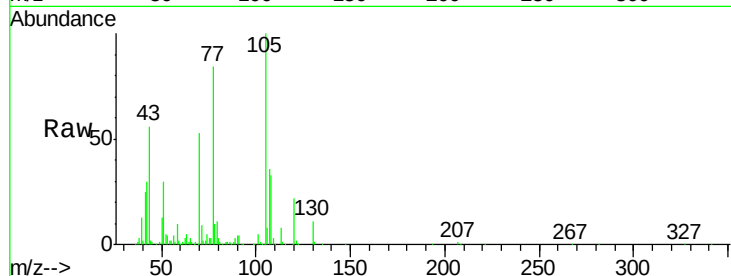
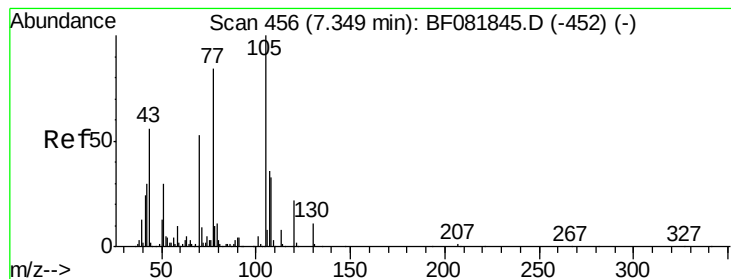
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 117.6 | 96.6  | 145.0 |
| 77      | 43.4  | 23.3  | 34.9# |
| 79      | 43.2  | 22.0  | 33.0# |



#18  
Hexachloroethane  
Concen: 35.18 ng  
RT: 7.44 min Scan# 464  
Delta R.T. 0.00 min  
Lab File: BF081845.D  
Acq: 28 Sep 2015 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.8  | 83.8  | 125.6 |
| 201     | 75.7  | 55.1  | 82.7  |





#19

n-Nitroso-di-n-propylamine

Concen: 33.85 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 196782

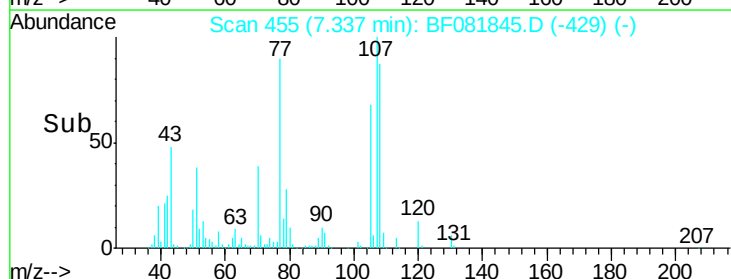
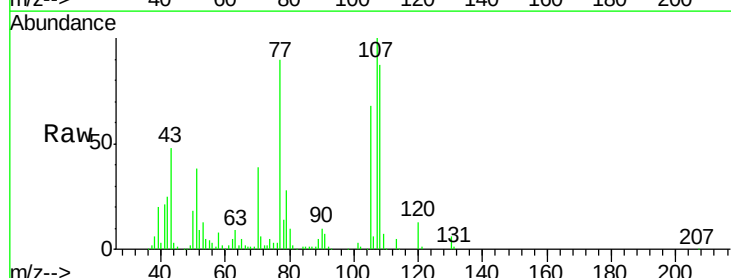
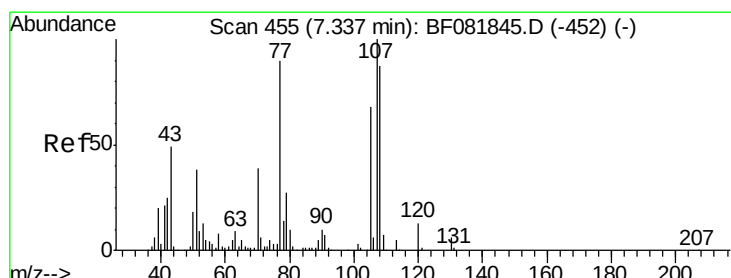
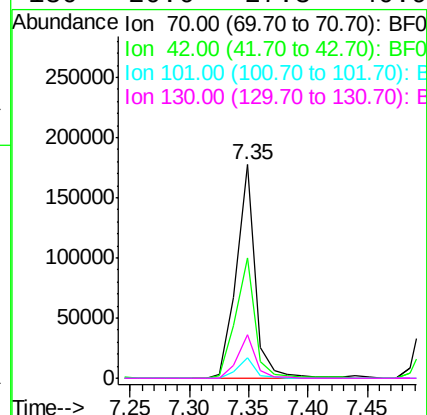
Ion Ratio Lower Upper

70 100

42 56.2 63.8 95.6#

101 9.6 9.2 13.8

130 20.6 27.3 40.9#



#20

3+4-Methylphenols

Concen: 34.20 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Tgt Ion: 107 Resp: 275725

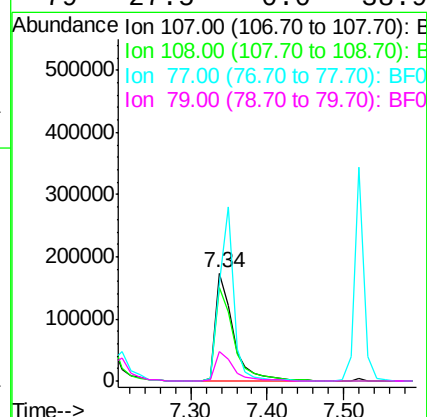
Ion Ratio Lower Upper

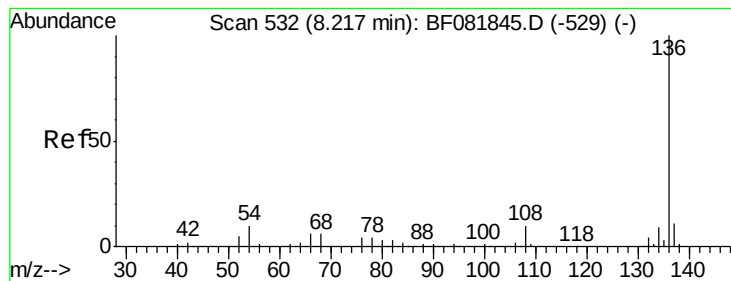
107 100

108 86.7 74.6 114.6

77 90.2 0.7 40.7#

79 27.5 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 449109

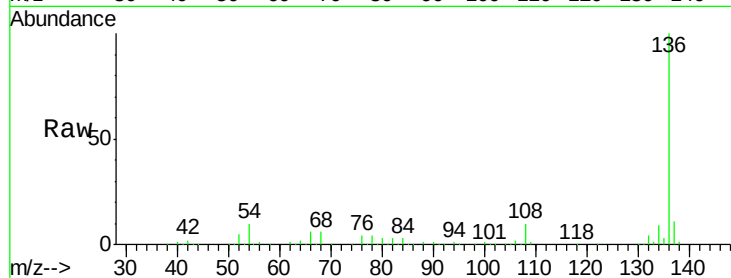
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 10.2 8.2 12.2

68 6.3 5.8 8.6

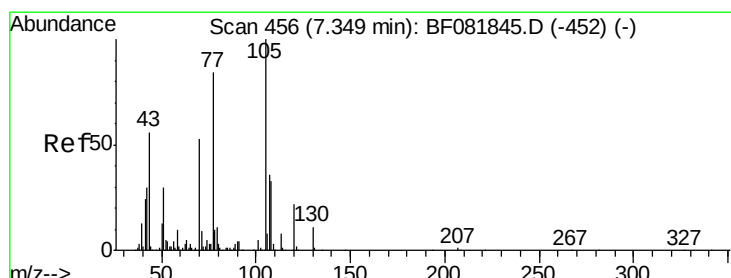
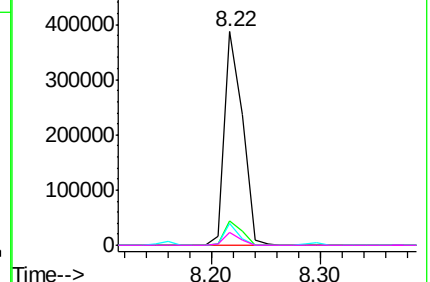
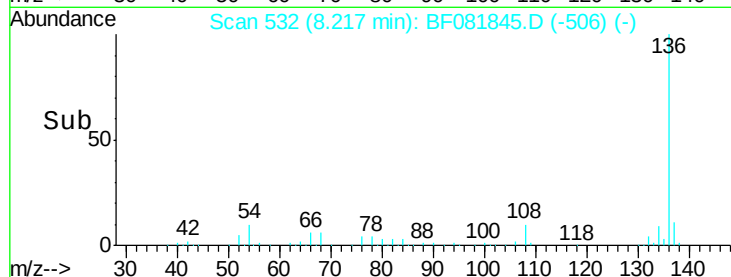


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.83 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Tgt Ion:105 Resp: 362792

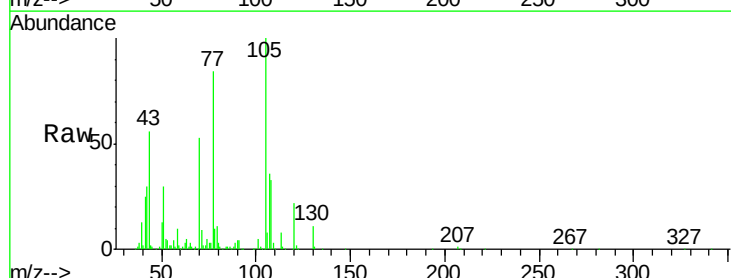
Ion Ratio Lower Upper

105 100

71 8.6 4.7 7.1#

51 29.6 22.0 33.0

120 21.5 30.1 45.1#

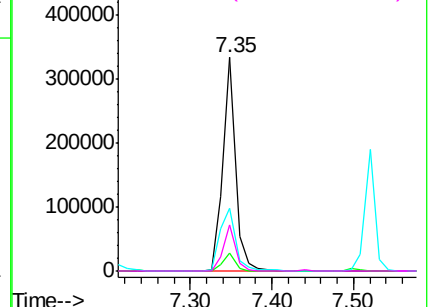
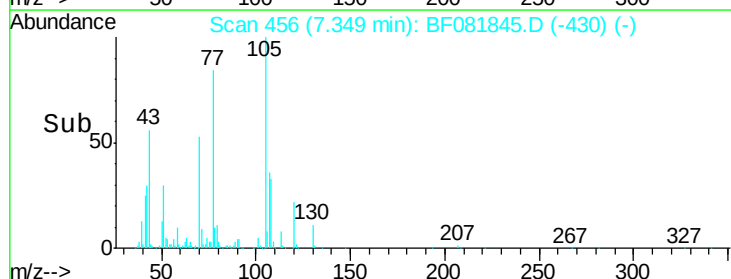


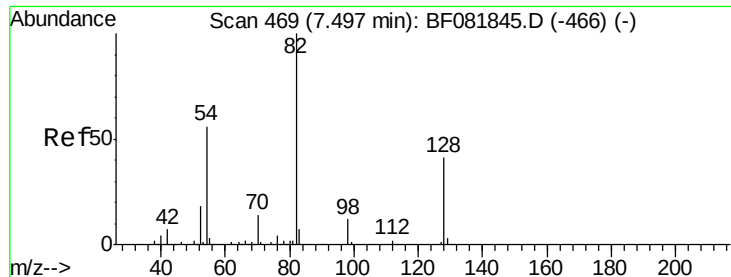
Abundance Ion 105.00 (104.70 to 105.70): E

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

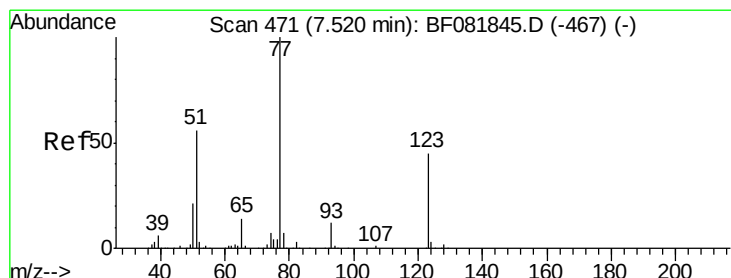
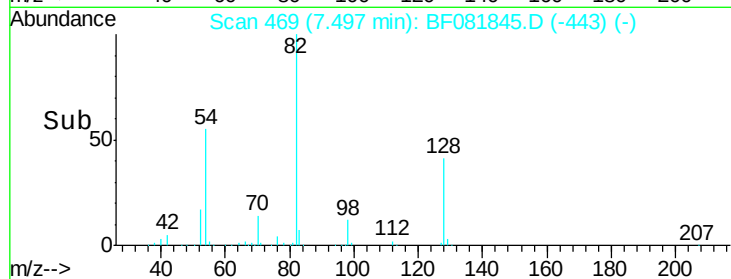
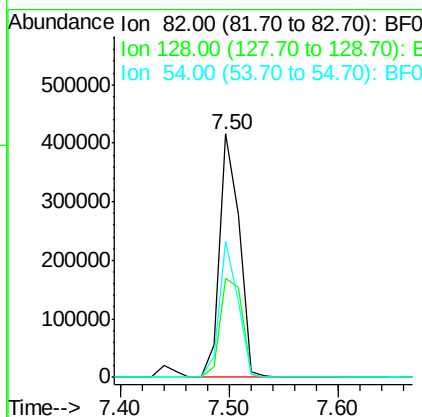
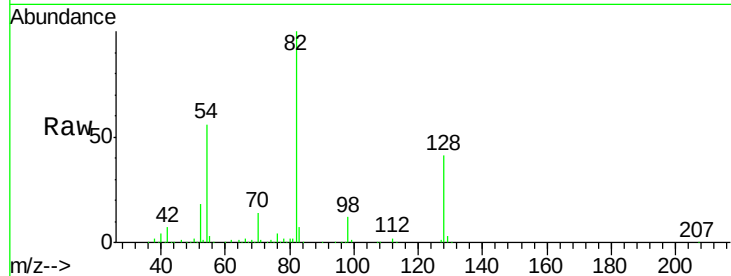




#23  
 Nitrobenzene-d5  
 Concen: 77.25 ng  
 RT: 7.50 min Scan# 469  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

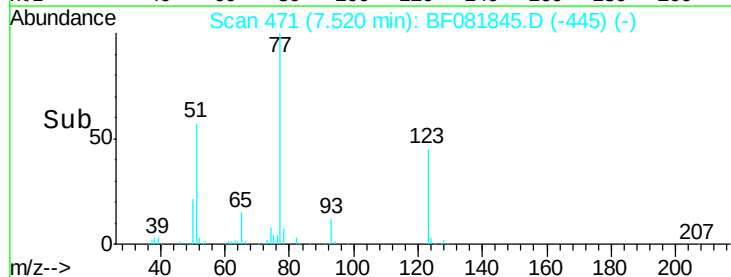
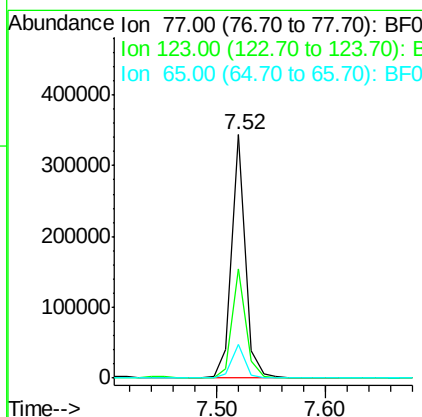
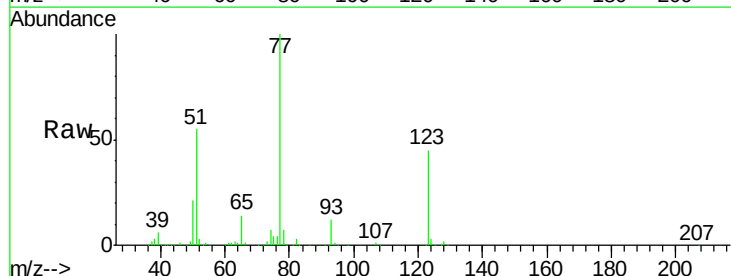
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tgt Ion: 82 Resp: 525840  
 Ion Ratio Lower Upper  
 82 100  
 128 40.7 51.0 76.6#  
 54 55.9 47.5 71.3

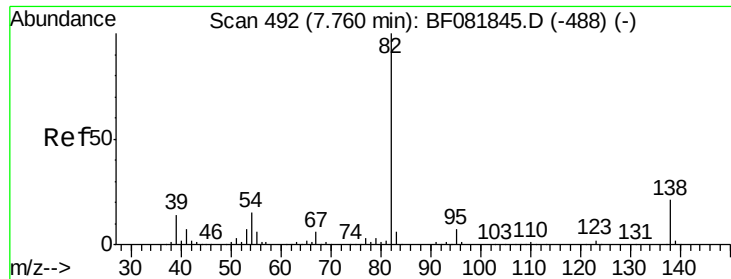


#24  
 Nitrobenzene  
 Concen: 38.94 ng  
 RT: 7.52 min Scan# 471  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

Tgt Ion: 77 Resp: 295740  
 Ion Ratio Lower Upper  
 77 100  
 123 44.9 59.8 89.8#  
 65 14.0 10.2 15.4







#25

Isophorone

Concen: 34.83 ng

RT: 7.76 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

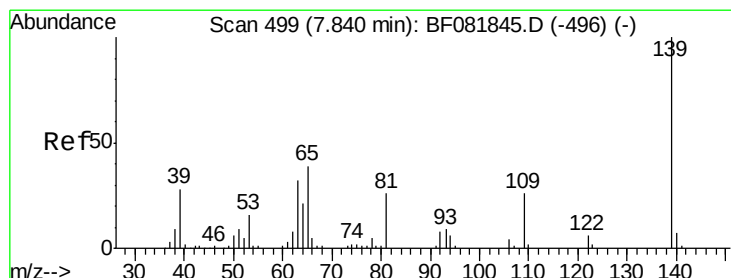
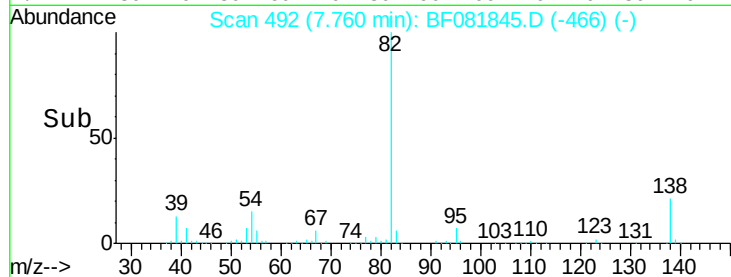
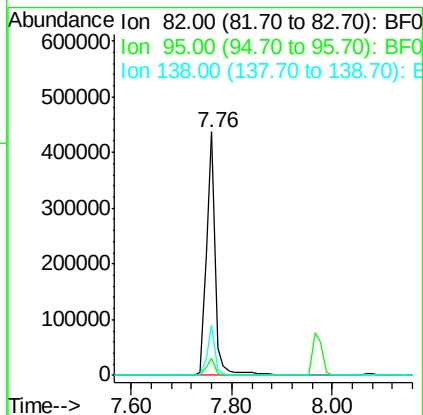
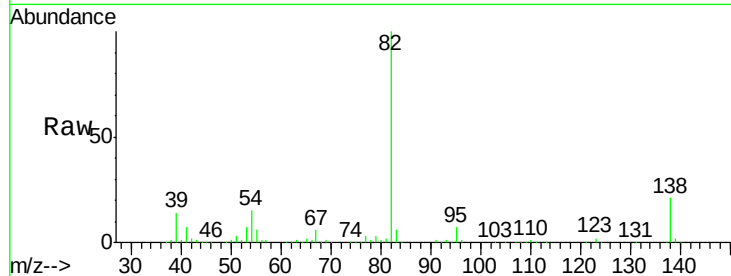
Tgt Ion: 82 Resp: 525146

Ion Ratio Lower Upper

82 100

95 7.3 4.0 6.0#

138 20.7 18.3 27.5



#26

2-Nitrophenol

Concen: 53.25 ng

RT: 7.84 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

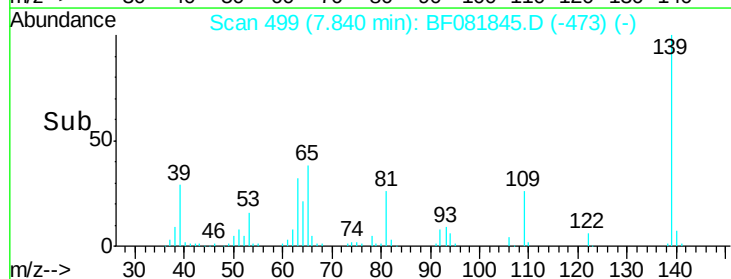
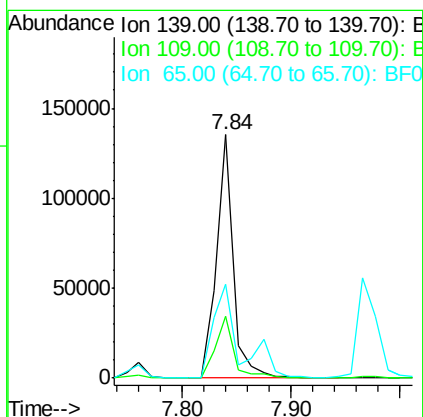
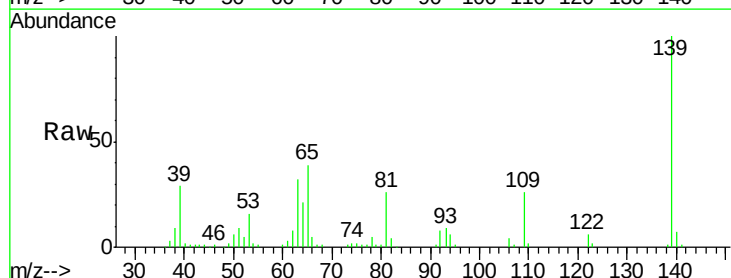
Tgt Ion: 139 Resp: 146874

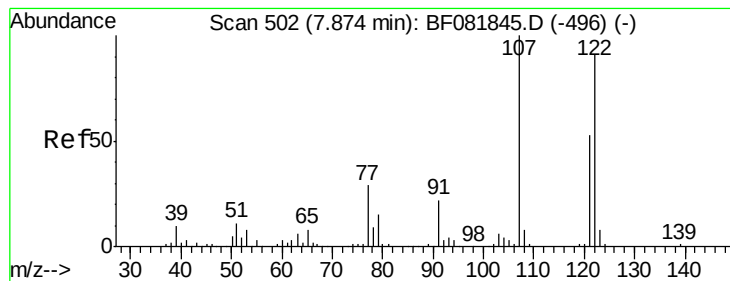
Ion Ratio Lower Upper

139 100

109 25.6 11.0 16.4#

65 38.6 24.7 37.1#

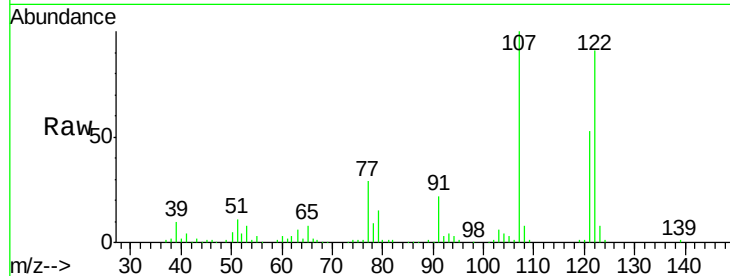




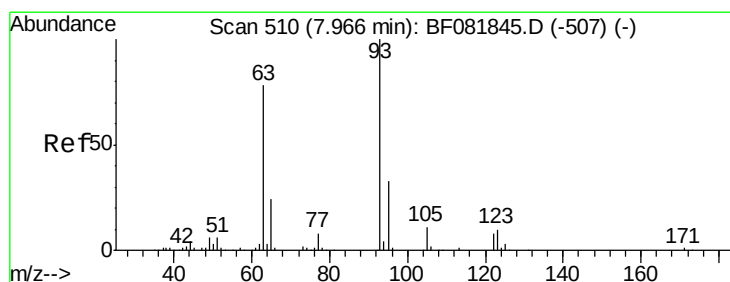
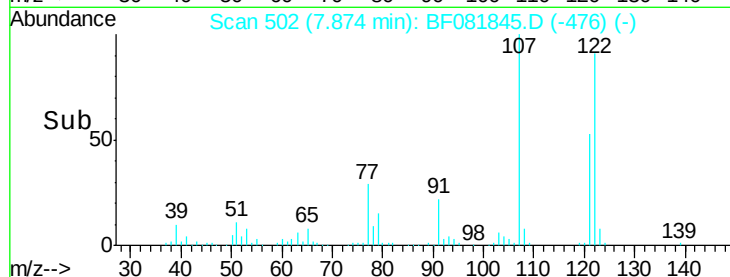
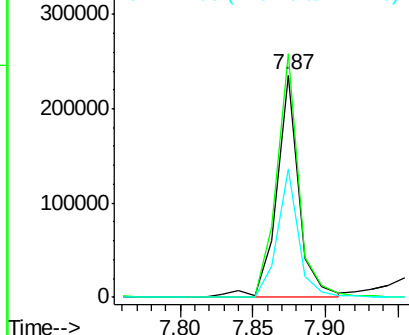
#27  
 2,4-Dimethylphenol  
 Concen: 36.70 ng  
 RT: 7.87 min Scan# 502  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tgt Ion: 122 Resp: 250966  
 Ion Ratio Lower Upper  
 122 100  
 107 109.5 71.8 107.6#  
 121 57.8 42.3 63.5

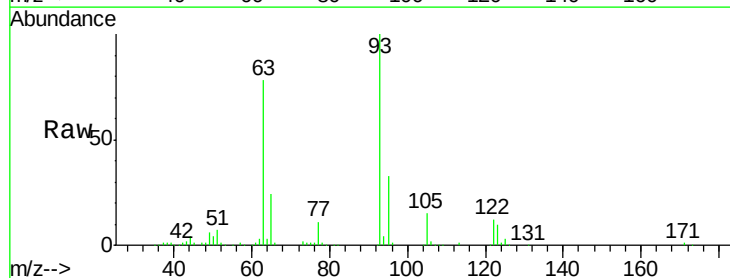


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

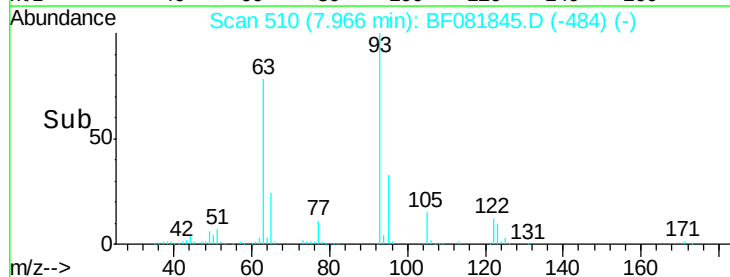
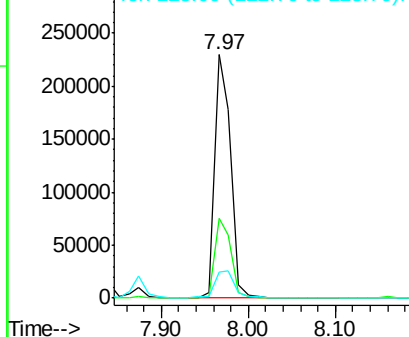


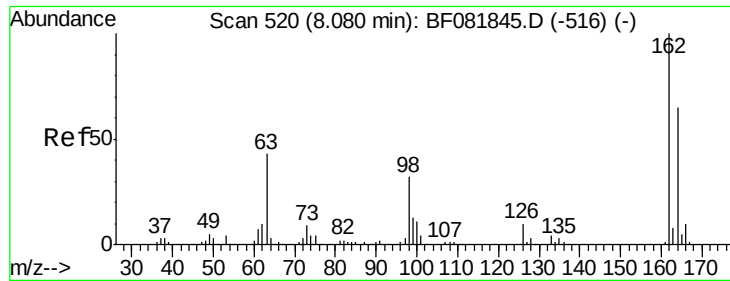
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 33.83 ng  
 RT: 7.97 min Scan# 510  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

Tgt Ion: 93 Resp: 298001  
 Ion Ratio Lower Upper  
 93 100  
 95 32.8 27.5 41.3  
 123 10.4 13.7 20.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0  
 Ion 95.00 (94.70 to 95.70): BF0  
 Ion 123.00 (122.70 to 123.70): E

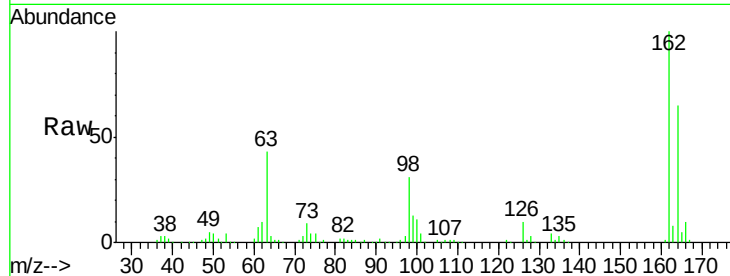




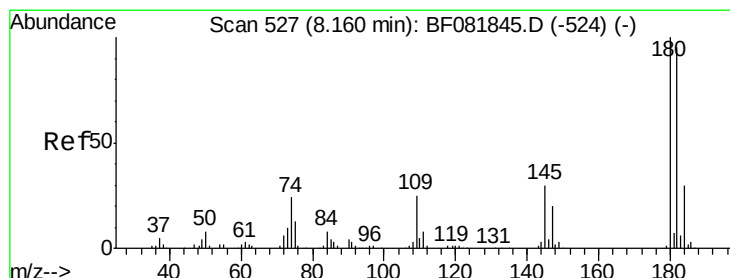
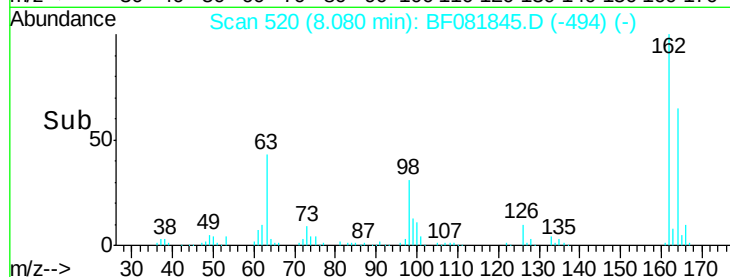
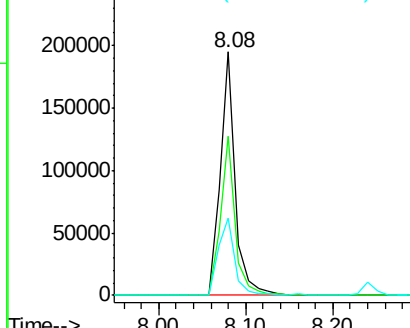
#29  
 2,4-Dichlorophenol  
 Concen: 37.06 ng  
 RT: 8.08 min Scan# 520  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.2  | 44.9  | 84.9  |
| 98      | 31.5  | 13.0  | 53.0  |

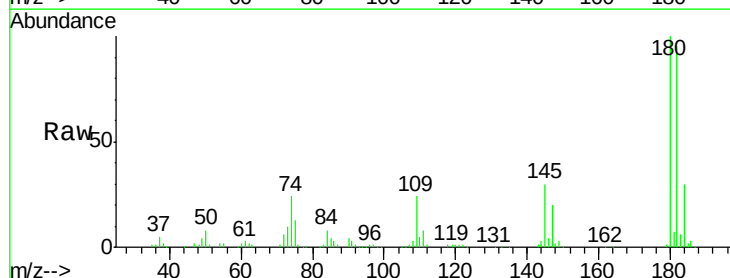


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

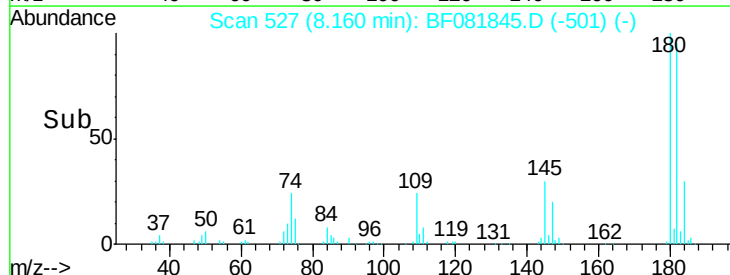
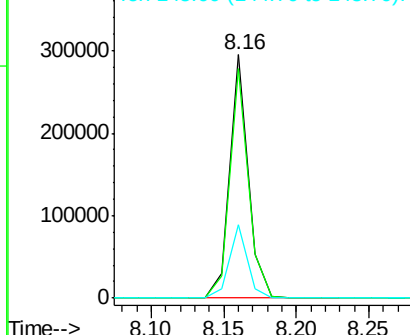


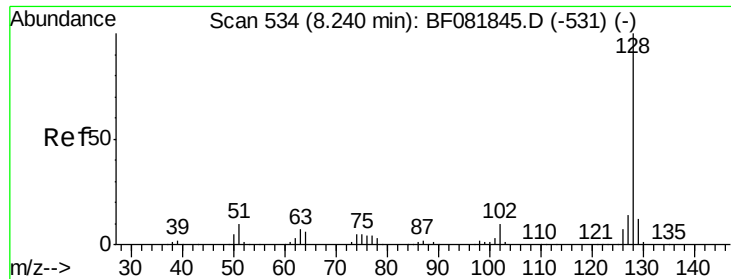
#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.80 ng  
 RT: 8.16 min Scan# 527  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 77.1  | 115.7 |
| 145     | 30.4  | 23.3  | 34.9  |



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

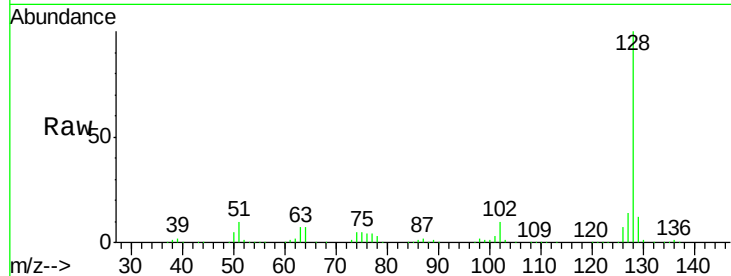




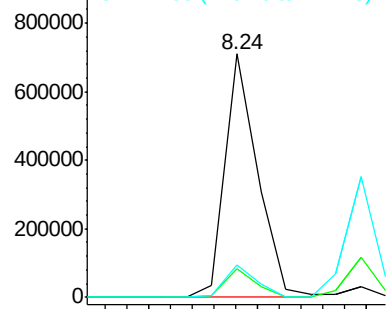
#31  
Naphthalene  
Concen: 35.82 ng  
RT: 8.24 min Scan# 534  
Delta R.T. 0.00 min  
Lab File: BF081845.D  
Acq: 28 Sep 2015 16:01

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

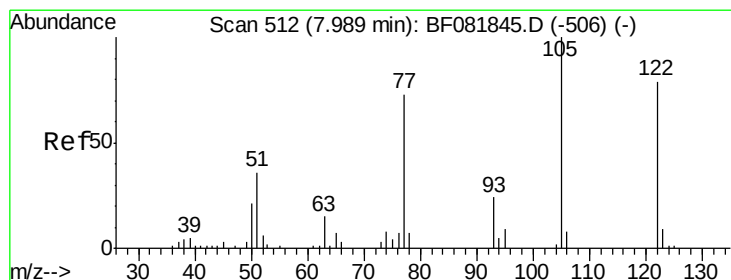
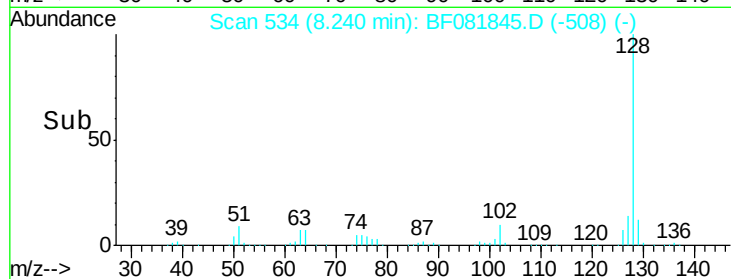
Tgt Ion:128 Resp: 742072  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.4 12.6  
127 13.5 9.9 14.9



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

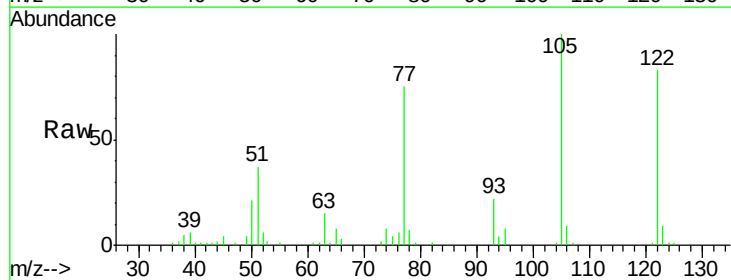


Time-->

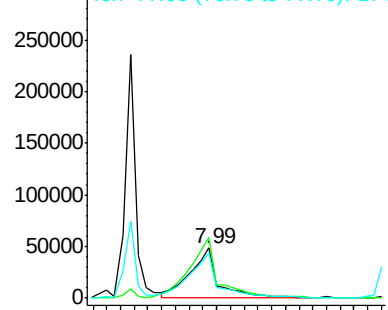


#32  
Benzoic acid  
Concen: 102.32 ng  
RT: 7.99 min Scan# 512  
Delta R.T. 0.00 min  
Lab File: BF081845.D  
Acq: 28 Sep 2015 16:01

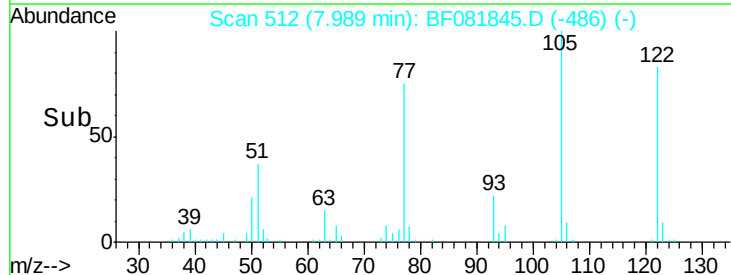
Tgt Ion:122 Resp: 136240  
Ion Ratio Lower Upper  
122 100  
105 120.9 76.1 116.1#  
77 90.1 40.5 80.5#

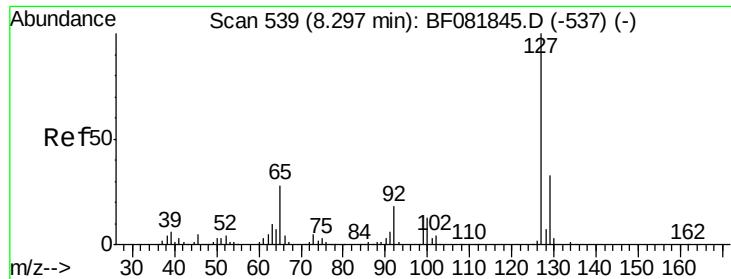


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0



Time-->

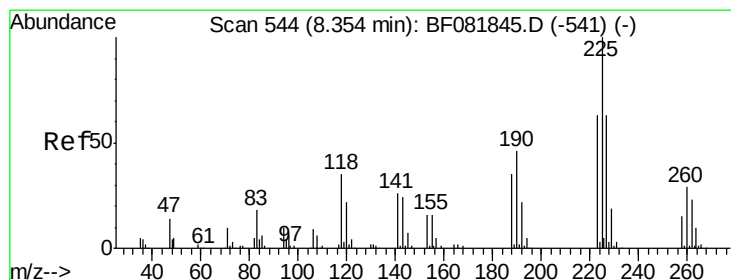
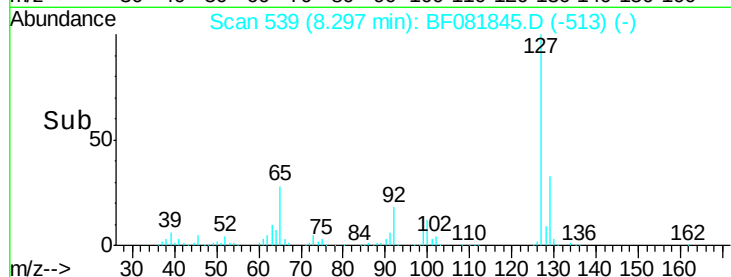
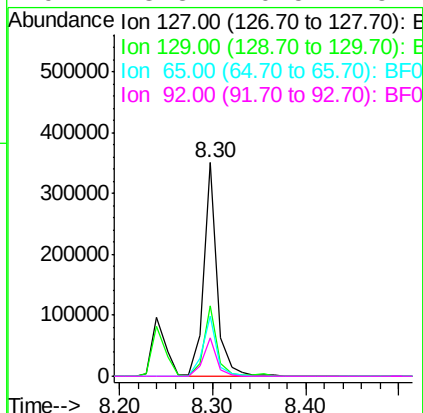
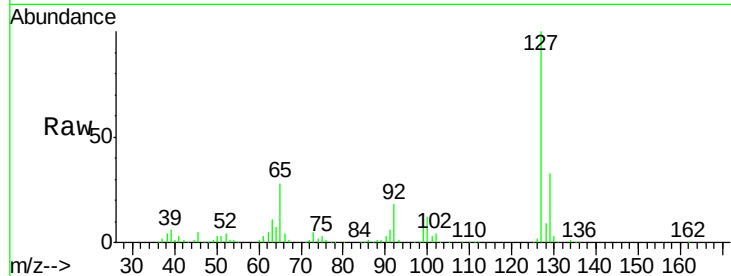




#33  
4-Chloroaniline  
Concen: 38.29 ng  
RT: 8.30 min Scan# 539  
Delta R.T. 0.00 min  
Lab File: BF081845.D  
Acq: 28 Sep 2015 16:01

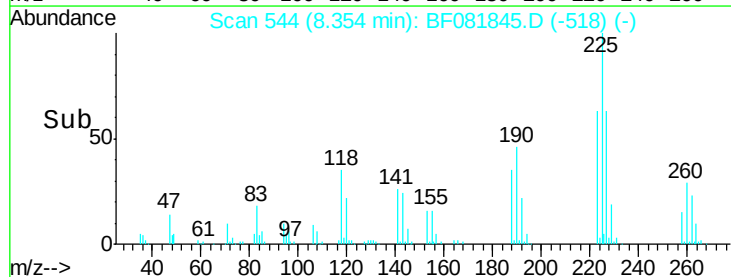
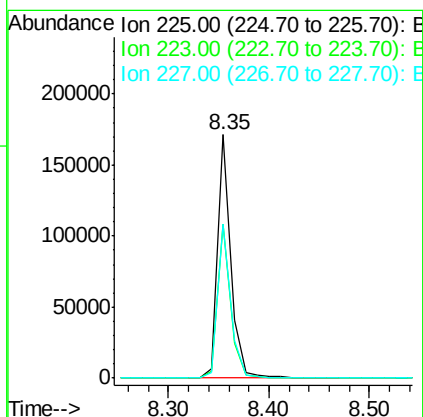
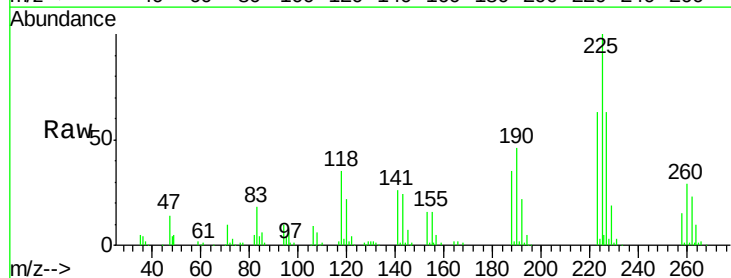
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

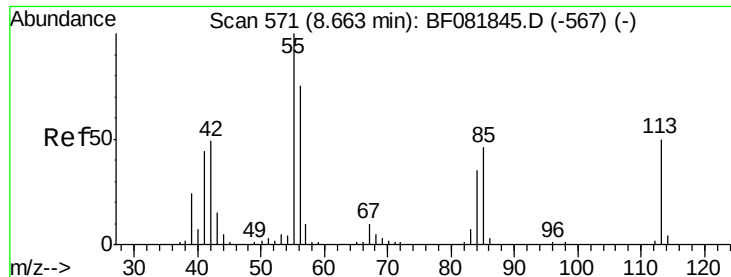
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 348160 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.0  | 25.8  | 38.6   |
| 65       | 28.2  | 17.9  | 26.9#  |
| 92       | 18.3  | 10.5  | 15.7#  |



#34  
Hexachlorobutadiene  
Concen: 37.04 ng  
RT: 8.35 min Scan# 544  
Delta R.T. 0.00 min  
Lab File: BF081845.D  
Acq: 28 Sep 2015 16:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 156098 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 50.2  | 75.2   |
| 227      | 63.0  | 52.2  | 78.2   |

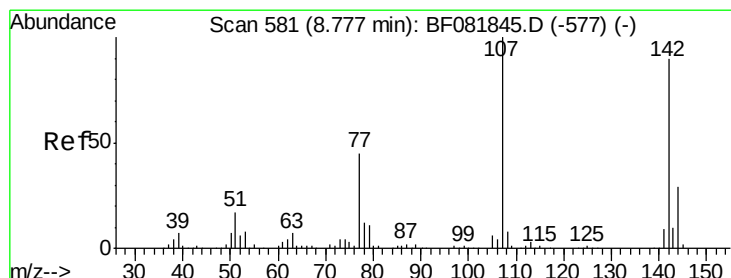
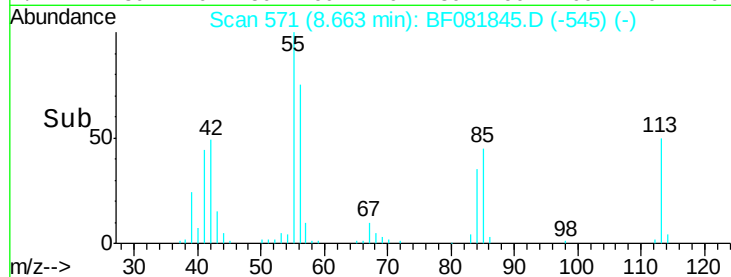
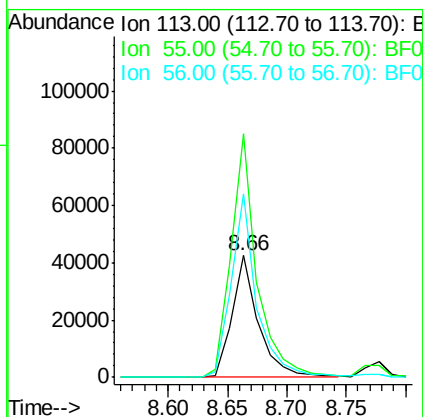
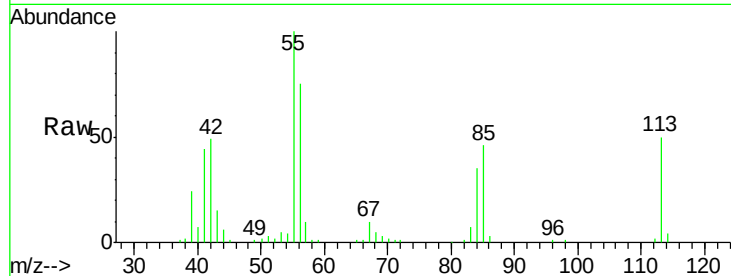




#35  
 Caprolactam  
 Concen: 38.70 ng  
 RT: 8.66 min Scan# 571  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

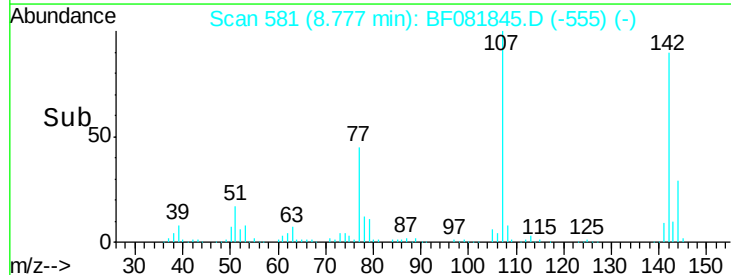
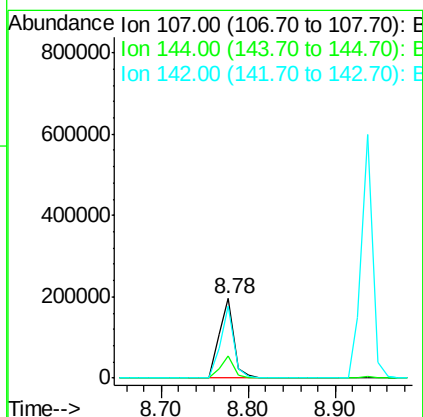
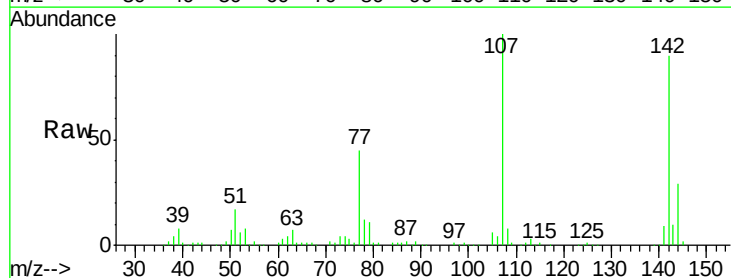
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

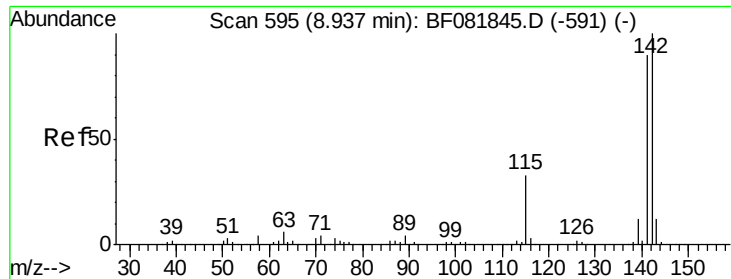
Tgt Ion:113 Resp: 65831  
 Ion Ratio Lower Upper  
 113 100  
 55 199.8 152.4 192.4#  
 56 150.5 104.6 144.6#



#36  
 4-Chloro-3-methylphenol  
 Concen: 36.70 ng  
 RT: 8.78 min Scan# 581  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

Tgt Ion:107 Resp: 234140  
 Ion Ratio Lower Upper  
 107 100  
 144 28.5 25.4 38.0  
 142 90.3 77.3 115.9

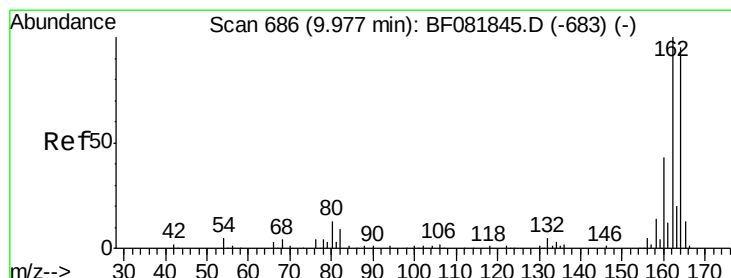
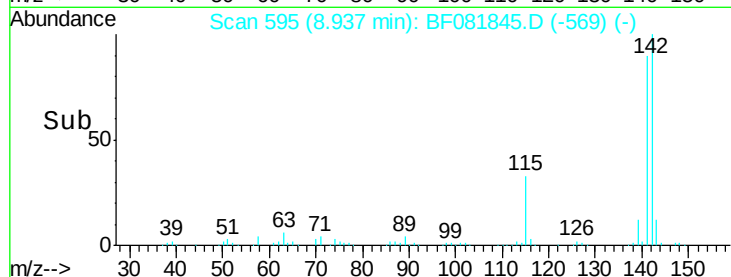
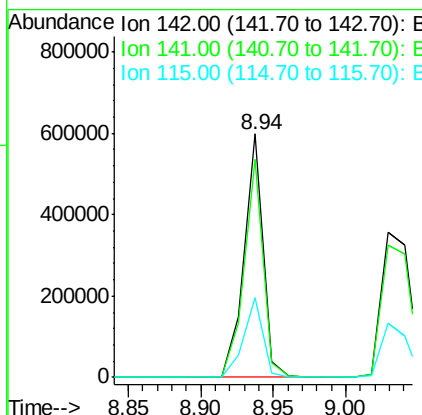
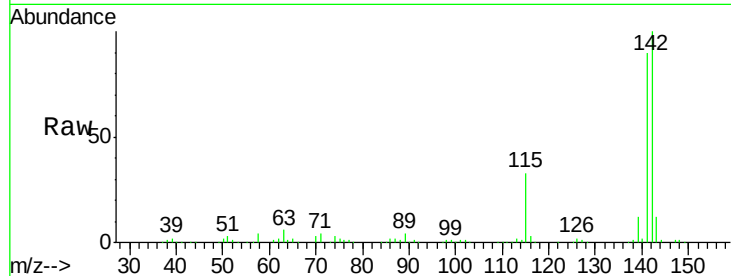




#37  
 2-Methylnaphthalene  
 Concen: 36.90 ng  
 RT: 8.94 min Scan# 595  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

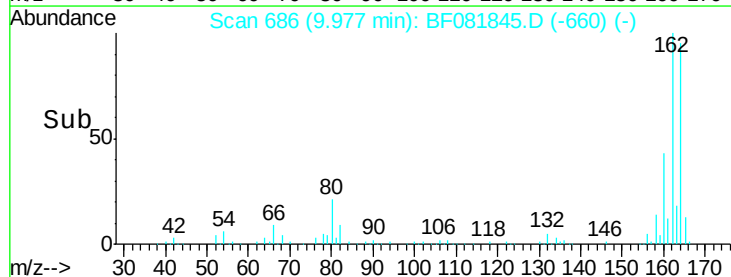
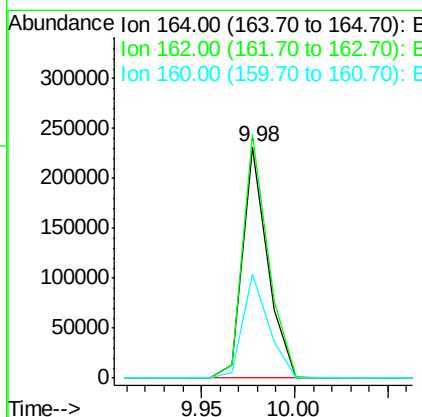
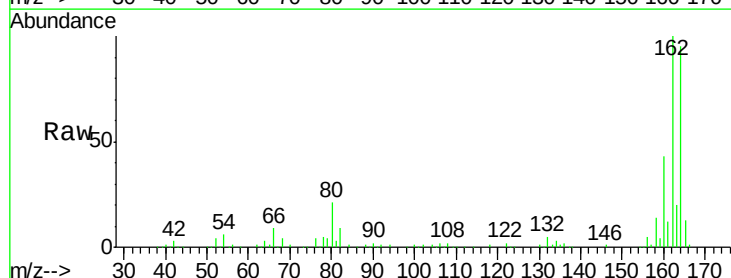
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

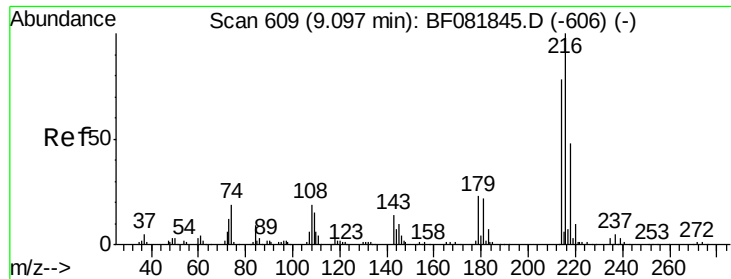
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.6  | 67.5  | 101.3 |
| 115     | 32.8  | 18.2  | 27.2  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.98 min Scan# 686  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.3 | 75.2  | 112.8 |
| 160     | 45.1  | 31.5  | 47.3  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.02 ng

RT: 9.10 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:216 Resp: 254787

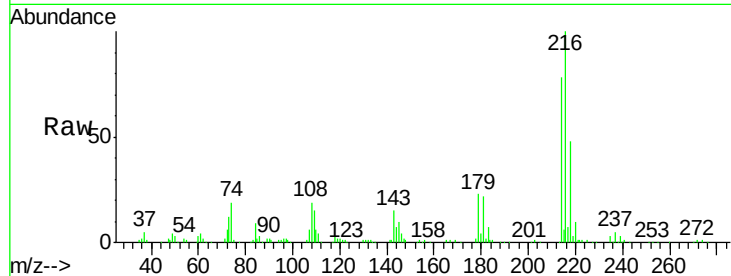
Ion Ratio Lower Upper

216 100

214 78.0 63.5 95.3

179 21.5 16.6 24.8

108 18.2 16.3 24.5

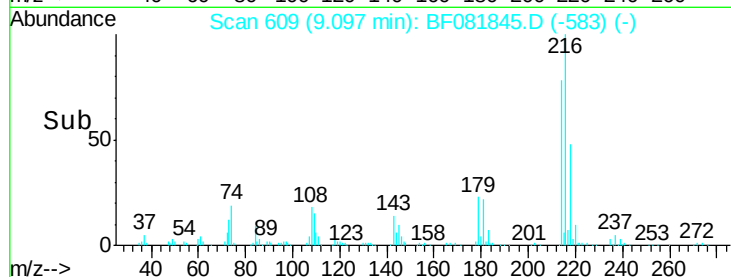


Abundance Ion 216.00 (215.70 to 216.70): E

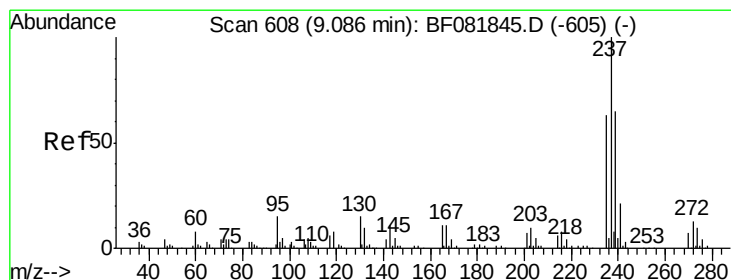
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 48.90 ng

RT: 9.09 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

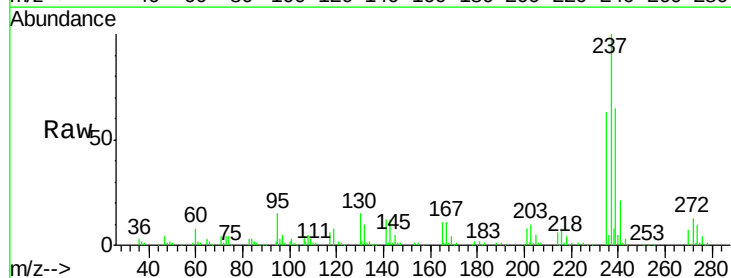
Tgt Ion:237 Resp: 144226

Ion Ratio Lower Upper

237 100

235 63.4 42.0 82.0

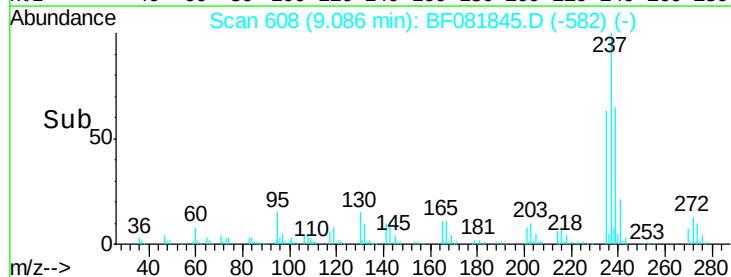
272 12.7 0.0 36.1



Abundance Ion 236.80 (236.50 to 237.50): E

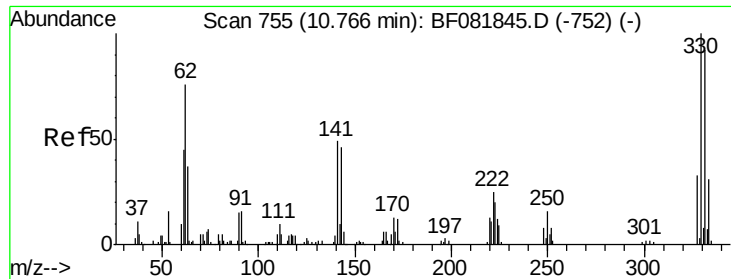
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

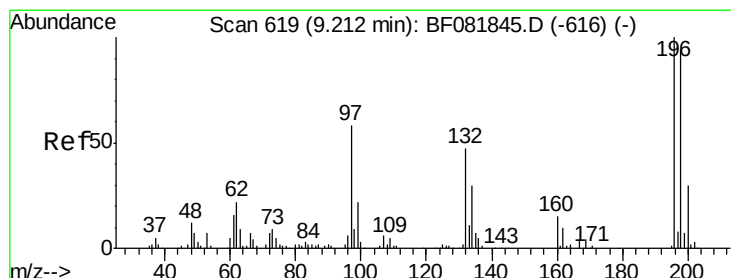
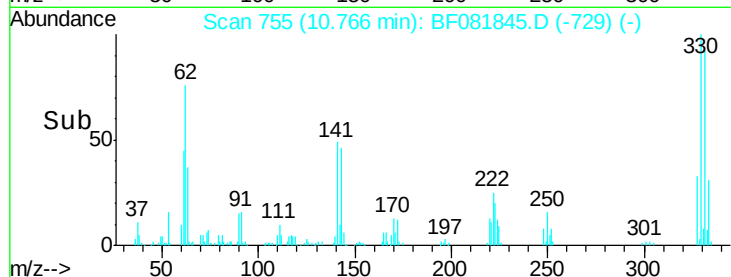
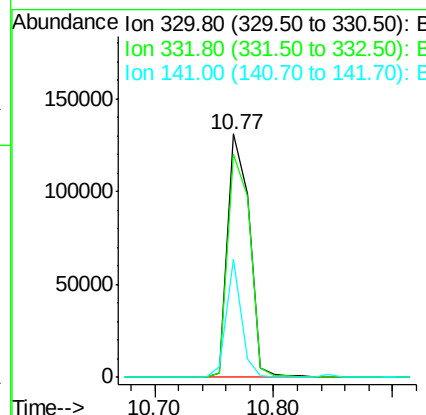
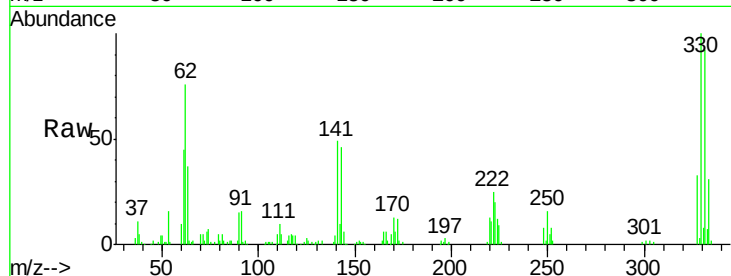




#41  
 2,4,6-Tribromophenol  
 Concen: 88.20 ng  
 RT: 10.77 min Scan# 755  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

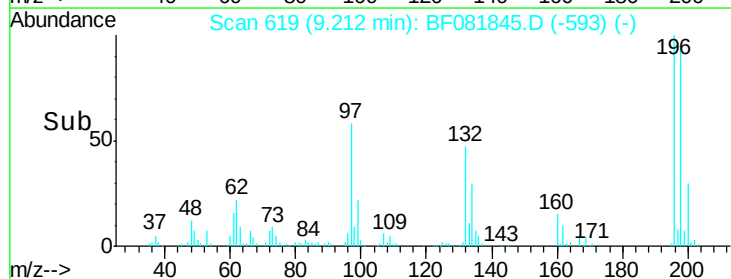
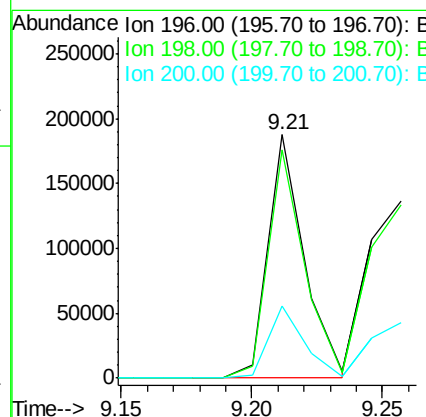
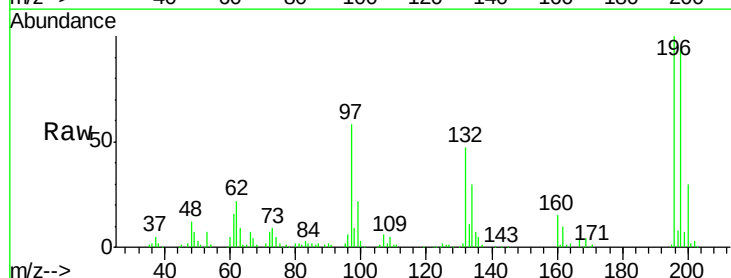
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

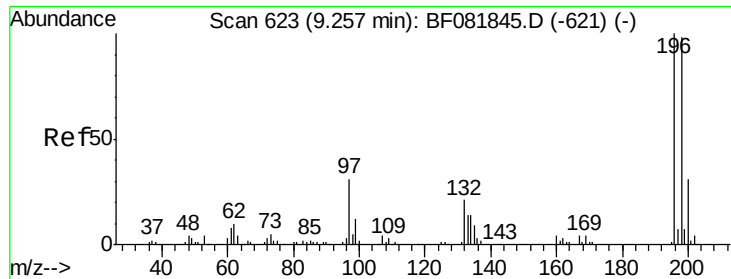
Tgt Ion:330 Resp: 165118  
 Ion Ratio Lower Upper  
 330 100  
 332 95.0 76.6 114.8  
 141 33.9 29.7 44.5



#42  
 2,4,6-Trichlorophenol  
 Concen: 40.02 ng  
 RT: 9.21 min Scan# 619  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

Tgt Ion:196 Resp: 181467  
 Ion Ratio Lower Upper  
 196 100  
 198 93.6 75.7 113.5  
 200 29.9 23.9 35.9

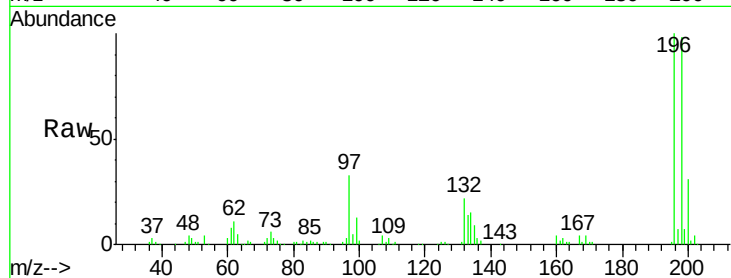




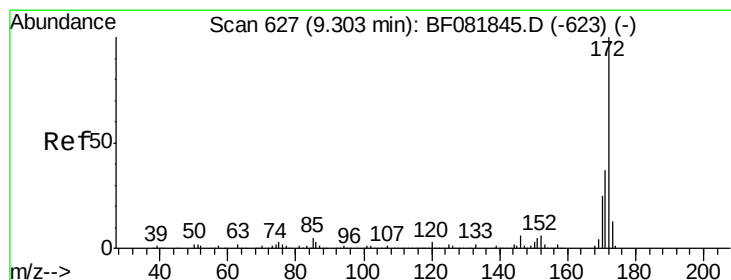
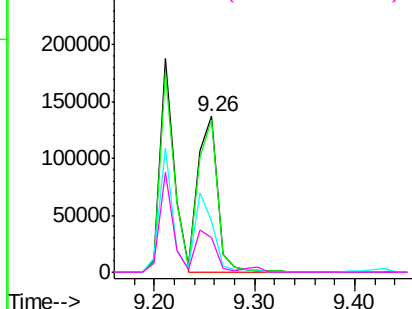
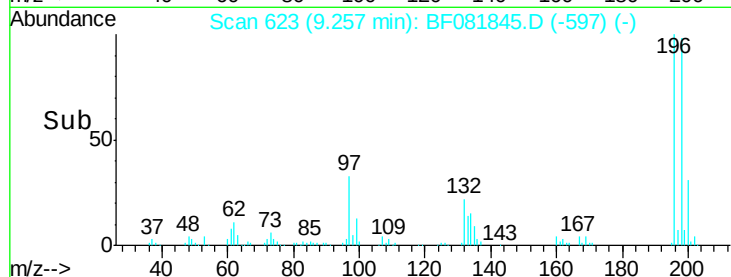
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.70 ng  
 RT: 9.26 min Scan# 623  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tgt Ion:196 Resp: 186049  
 Ion Ratio Lower Upper  
 196 100  
 198 97.6 75.4 113.0  
 97 32.6 33.3 49.9#  
 132 22.0 24.6 37.0#

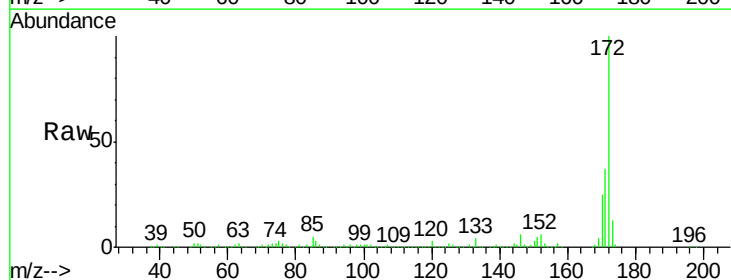


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

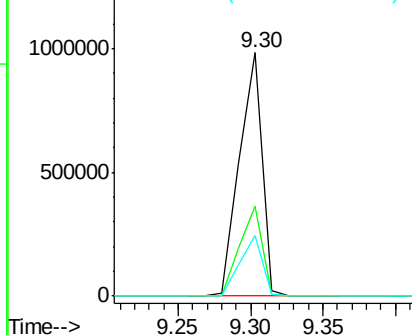
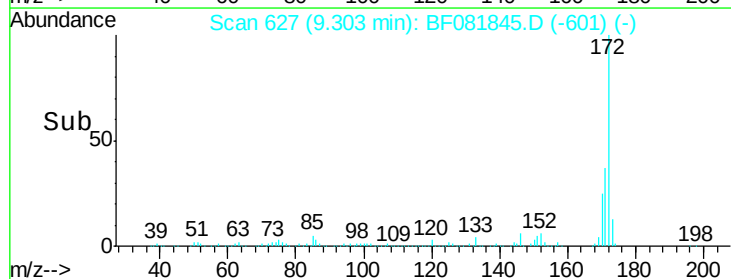


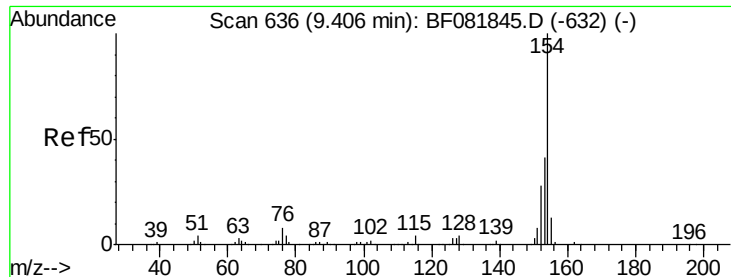
#44  
 2-Fluorobiphenyl  
 Concen: 81.32 ng  
 RT: 9.30 min Scan# 627  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

Tgt Ion:172 Resp: 1068182  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 26.1 39.1  
 170 24.7 17.4 26.2



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: 37.52 ng

RT: 9.41 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

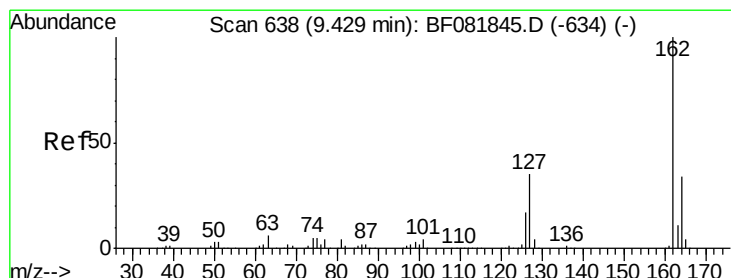
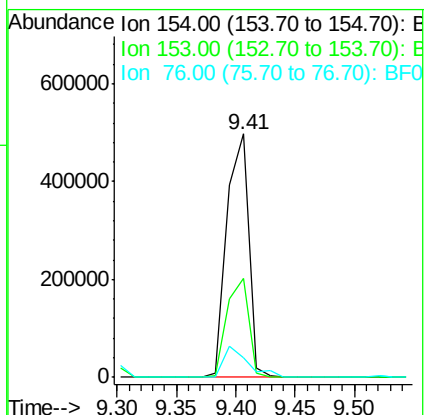
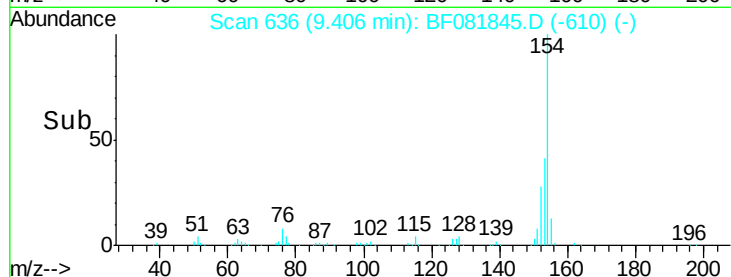
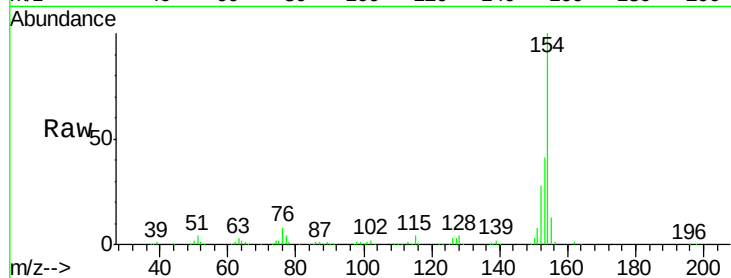
Tgt Ion:154 Resp: 632664

Ion Ratio Lower Upper

154 100

153 40.5 17.1 57.1

76 7.8 0.0 31.6



#46

2-Chloronaphthalene

Concen: 38.46 ng

RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

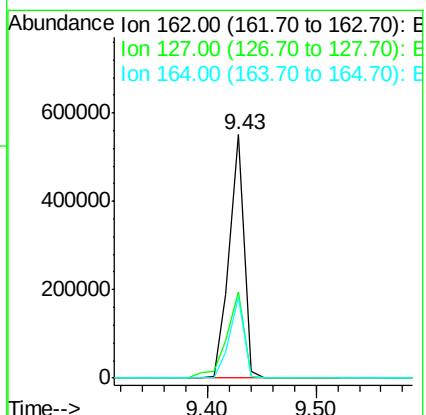
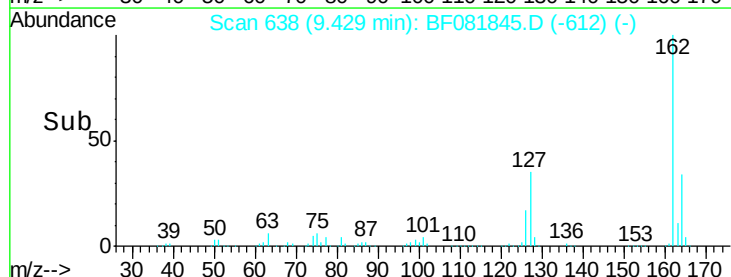
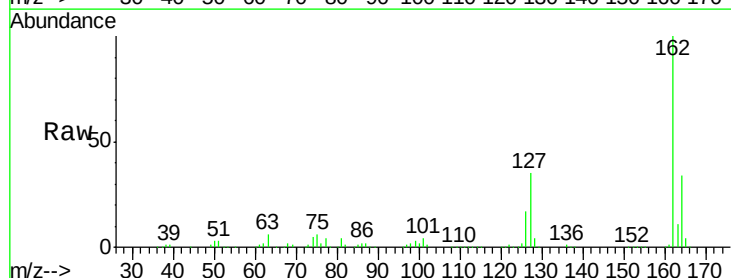
Tgt Ion:162 Resp: 521620

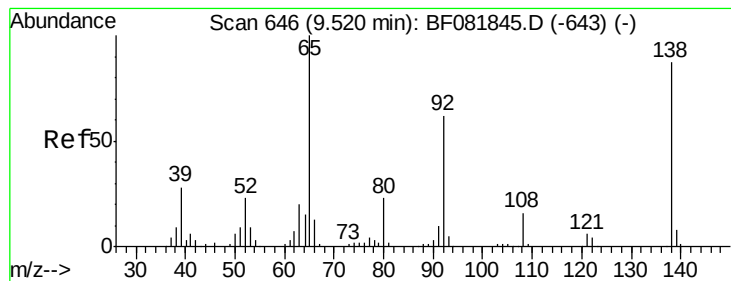
Ion Ratio Lower Upper

162 100

127 35.2 27.6 41.4

164 33.5 25.4 38.2





#47

2-Nitroaniline

Concen: 40.25 ng

RT: 9.52 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

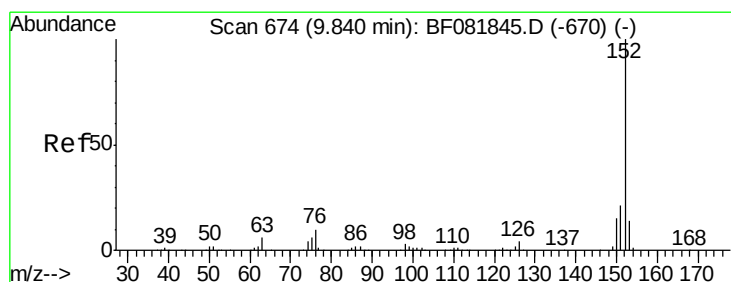
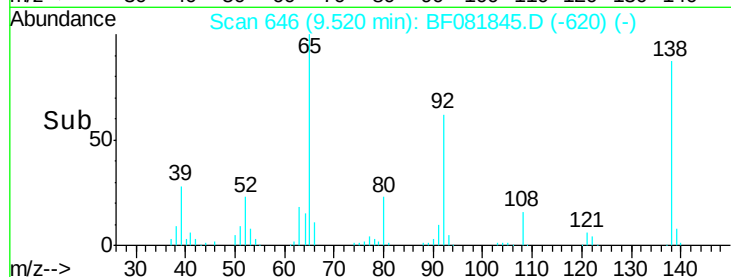
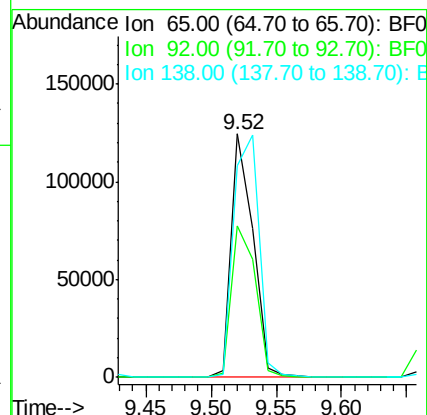
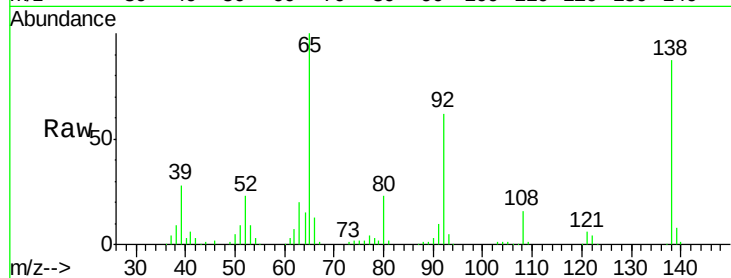
Tgt Ion: 65 Resp: 145187

Ion Ratio Lower Upper

65 100

92 62.2 55.4 83.0

138 87.1 115.5 173.3#



#48

Acenaphthylene

Concen: 34.32 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

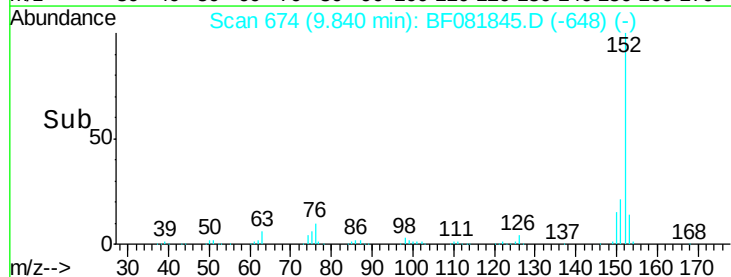
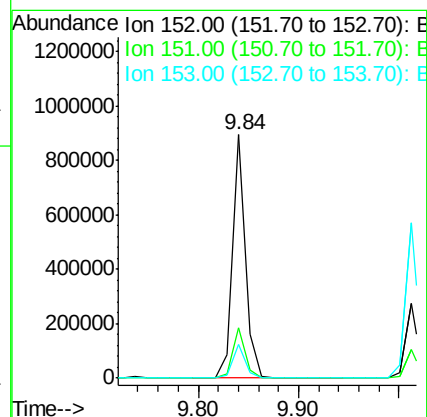
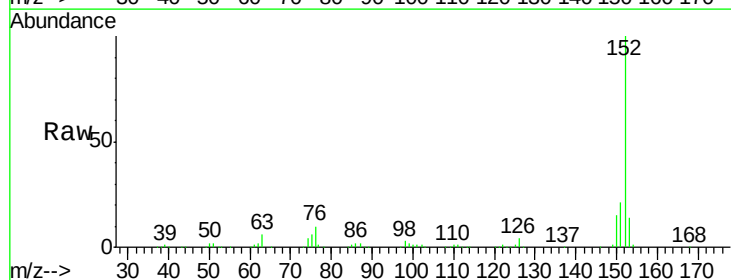
Tgt Ion: 152 Resp: 787821

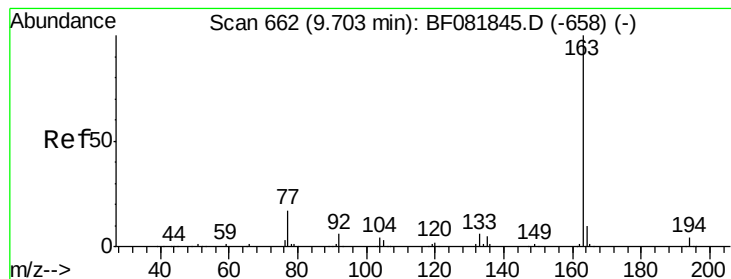
Ion Ratio Lower Upper

152 100

151 20.8 14.6 22.0

153 14.1 10.3 15.5





#49

Dimethylphthalate

Concen: 35.82 ng

RT: 9.70 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

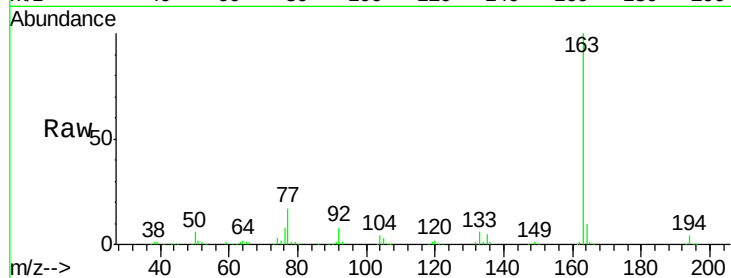
Tgt Ion:163 Resp: 587731

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

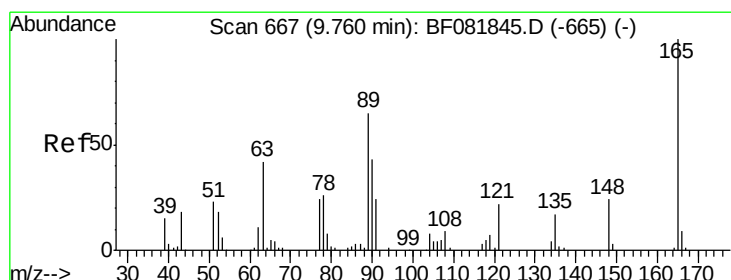
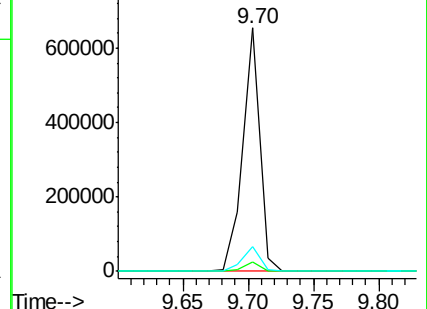
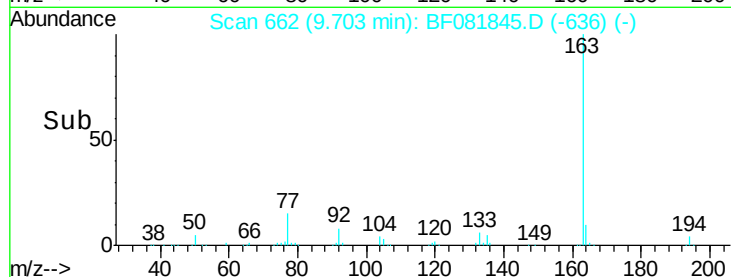
164 10.2 8.3 12.5



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: 39.26 ng

RT: 9.76 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

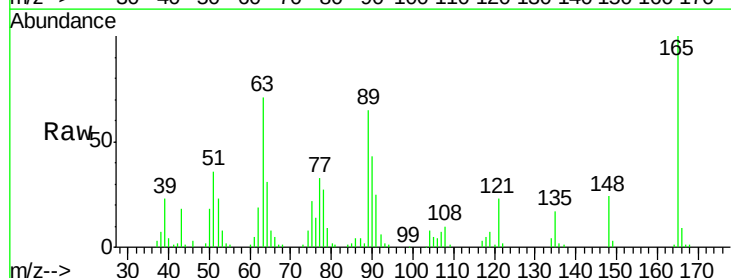
Tgt Ion:165 Resp: 124341

Ion Ratio Lower Upper

165 100

63 71.1 32.3 48.5#

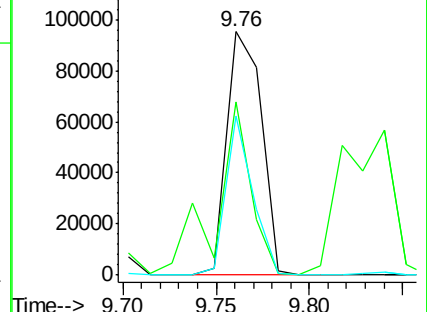
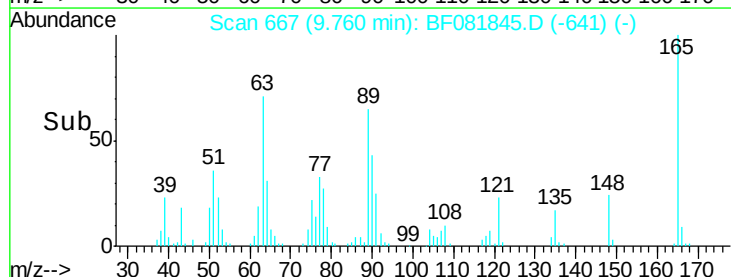
89 65.2 28.6 43.0#

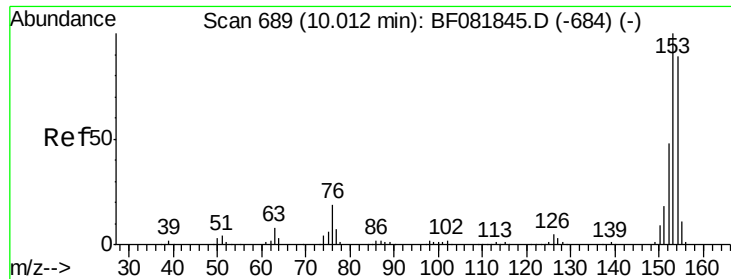


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.02 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

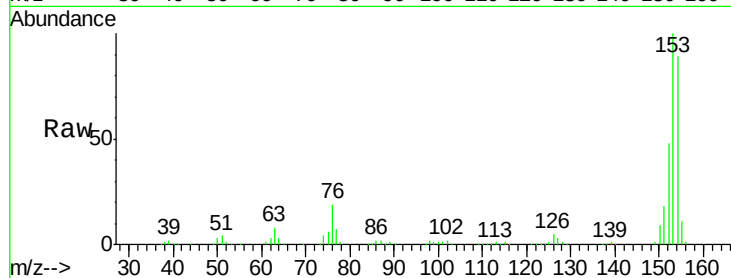
Tgt Ion:154 Resp: 476413

Ion Ratio Lower Upper

154 100

153 112.3 82.1 123.1

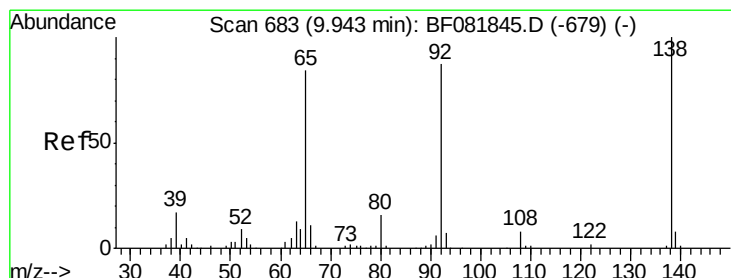
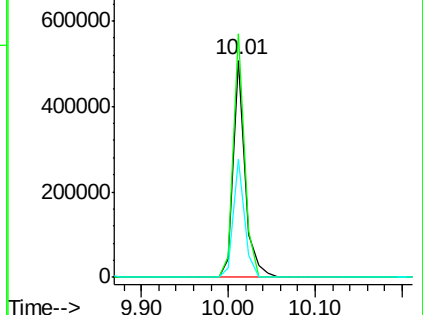
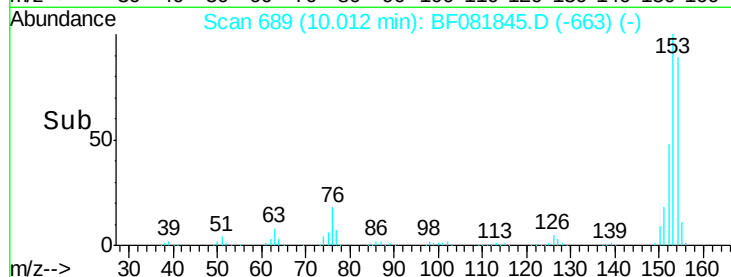
152 54.4 37.9 56.9



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: 44.80 ng

RT: 9.94 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

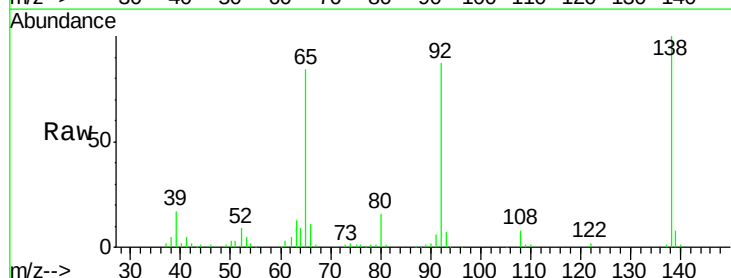
Tgt Ion:138 Resp: 153882

Ion Ratio Lower Upper

138 100

108 8.5 5.7 8.5

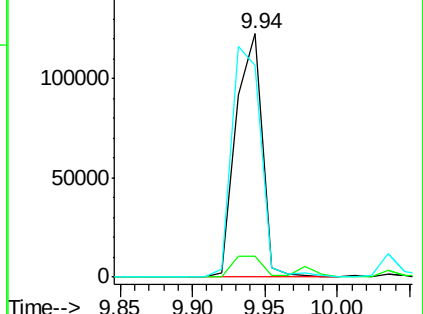
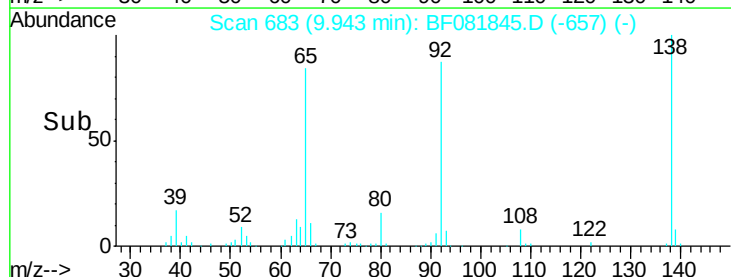
92 87.1 67.7 101.5

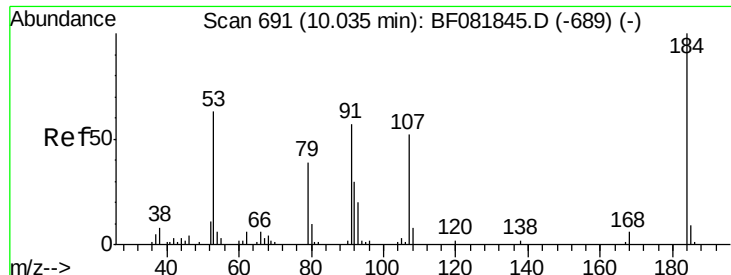


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

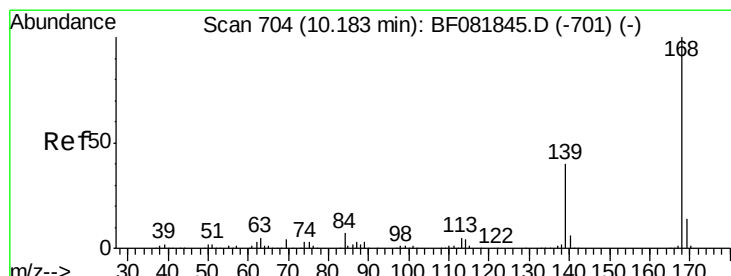
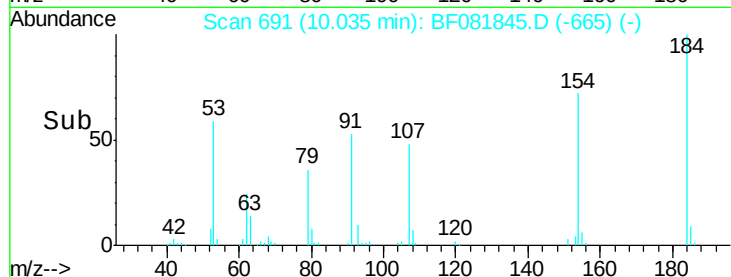
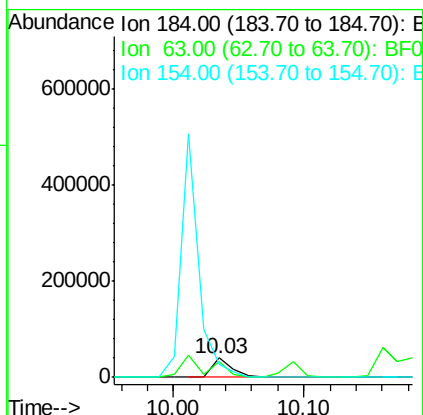
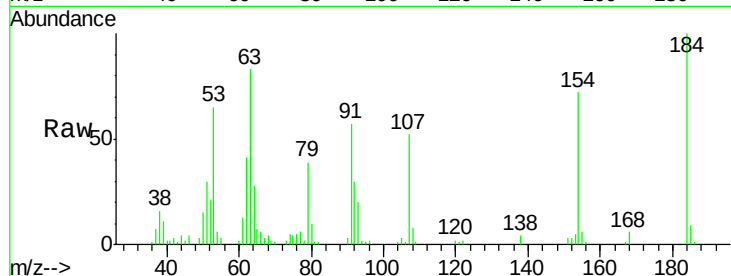




#53  
2,4-Dinitrophenol  
Concen: 134.32 ng  
RT: 10.03 min Scan# 691  
Delta R.T. 0.00 min  
Lab File: BF081845.D  
Acq: 28 Sep 2015 16:01

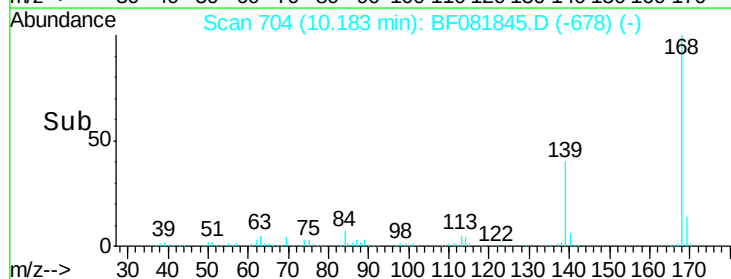
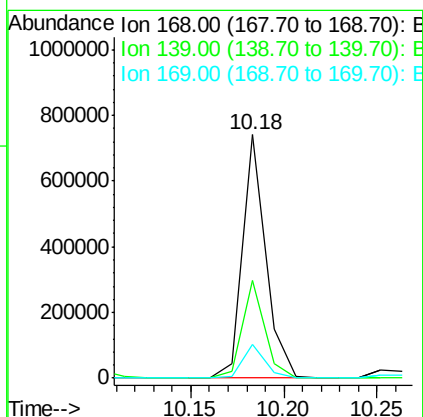
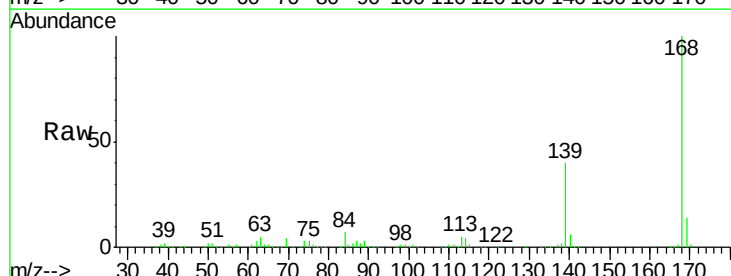
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

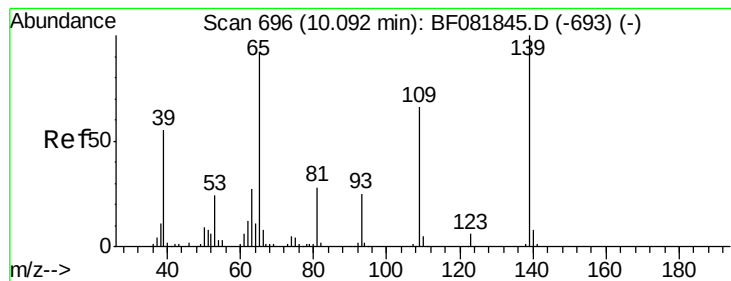
Tgt Ion:184 Resp: 43681  
Ion Ratio Lower Upper  
184 100  
63 83.3 35.4 53.2#  
154 71.5 32.2 48.4#



#54  
Dibenzofuran  
Concen: 33.36 ng  
RT: 10.18 min Scan# 704  
Delta R.T. 0.00 min  
Lab File: BF081845.D  
Acq: 28 Sep 2015 16:01

Tgt Ion:168 Resp: 647318  
Ion Ratio Lower Upper  
168 100  
139 40.0 24.2 36.2#  
169 14.0 10.6 15.8





#55

4-Nitrophenol

Concen: 47.47 ng

RT: 10.09 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

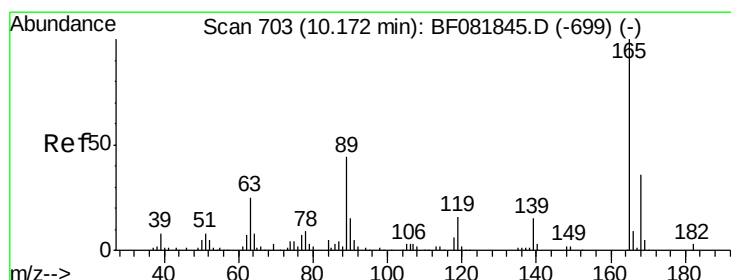
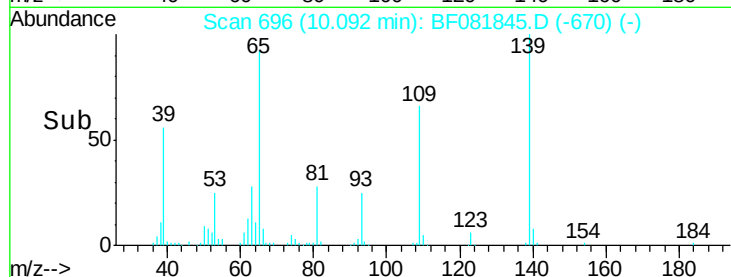
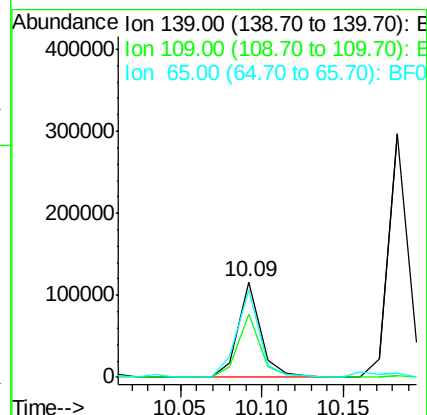
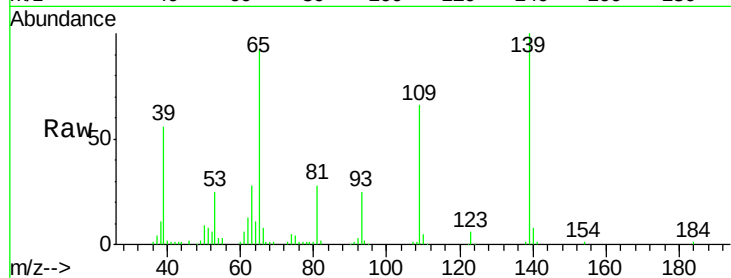
Tgt Ion:139 Resp: 112461

Ion Ratio Lower Upper

139 100

109 66.4 12.7 52.7#

65 92.0 45.9 85.9#



#56

2,4-Dinitrotoluene

Concen: 43.51 ng

RT: 10.17 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Tgt Ion:165 Resp: 164985

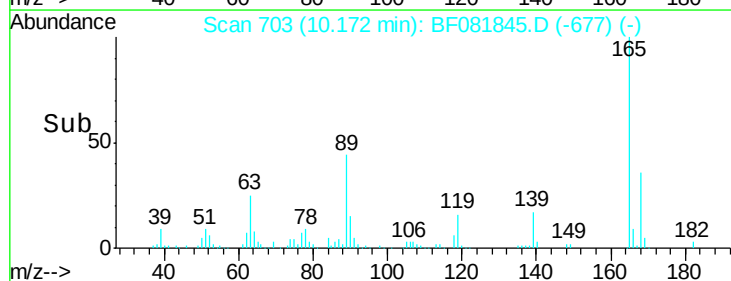
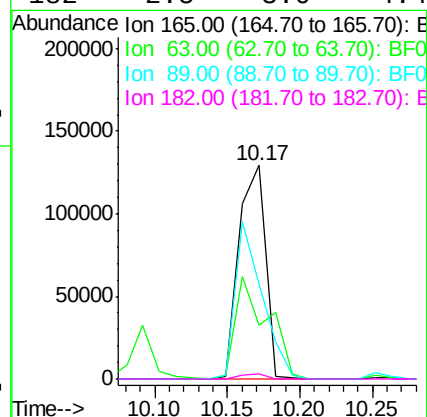
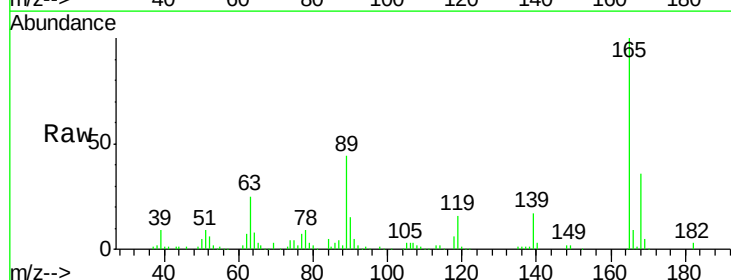
Ion Ratio Lower Upper

165 100

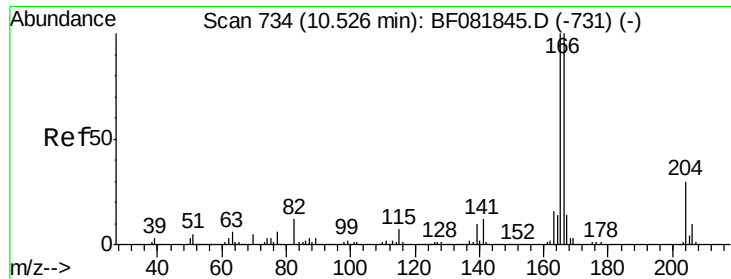
63 25.2 29.8 44.6#

89 44.3 44.5 66.7#

182 2.5 3.0 4.4#



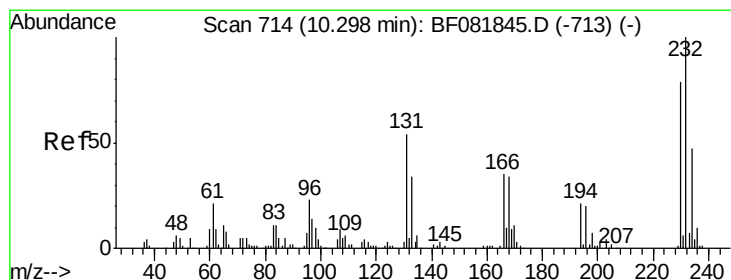
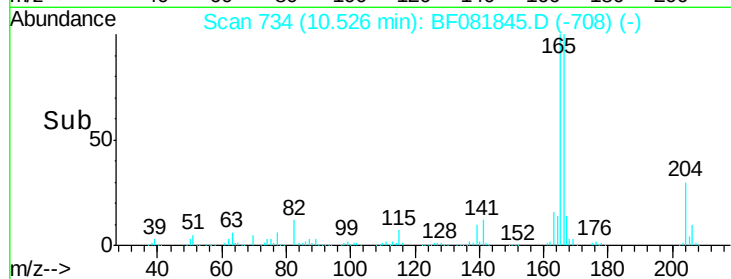
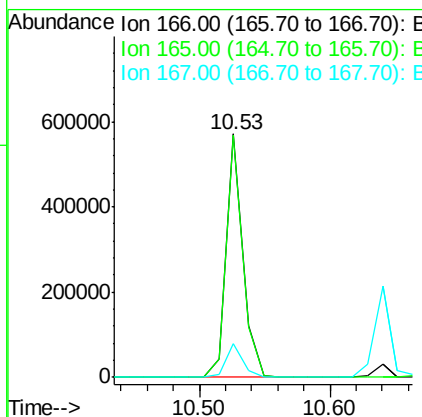
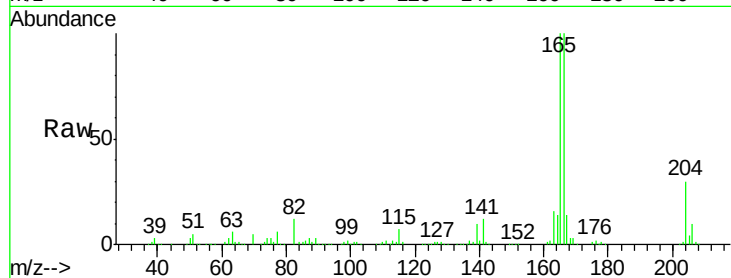




#57  
**Fluorene**  
 Concen: 34.22 ng  
 RT: 10.53 min Scan# 734  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

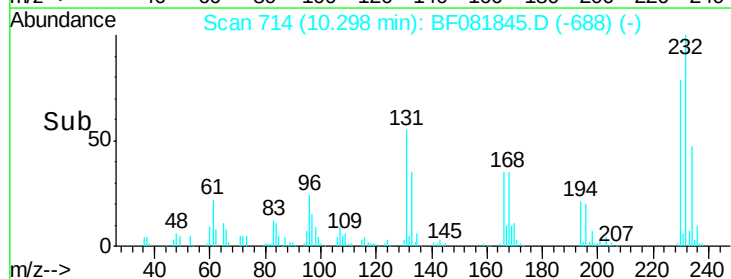
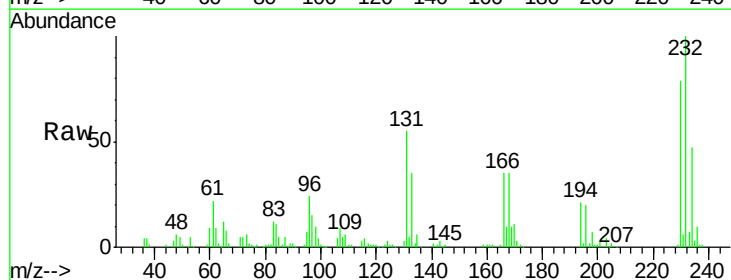
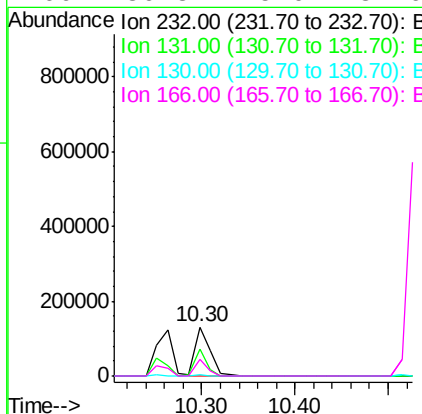
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

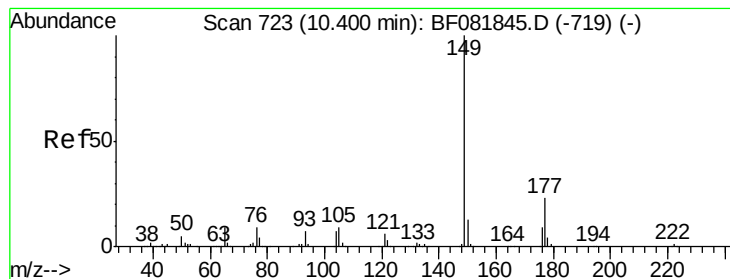
Tgt Ion:166 Resp: 509523  
 Ion Ratio Lower Upper  
 166 100  
 165 99.7 72.6 109.0  
 167 14.0 10.6 16.0



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 42.51 ng  
 RT: 10.30 min Scan# 714  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

Tgt Ion:232 Resp: 144763  
 Ion Ratio Lower Upper  
 232 100  
 131 45.0 38.5 57.7  
 130 1.9 1.8 2.6  
 166 30.3 25.0 37.6





#59

Diethylphthalate

Concen: 34.63 ng

RT: 10.40 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

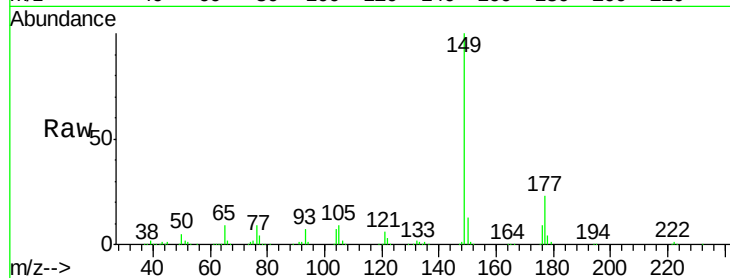
Tgt Ion:149 Resp: 550421

Ion Ratio Lower Upper

149 100

177 22.6 17.5 26.3

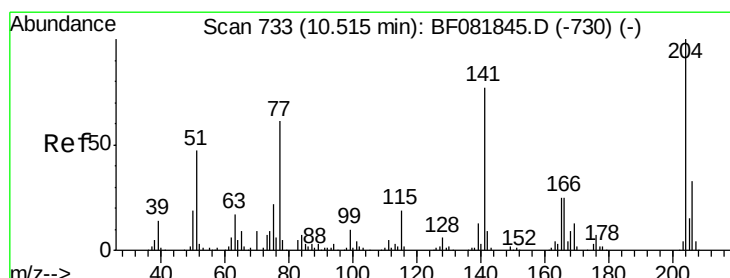
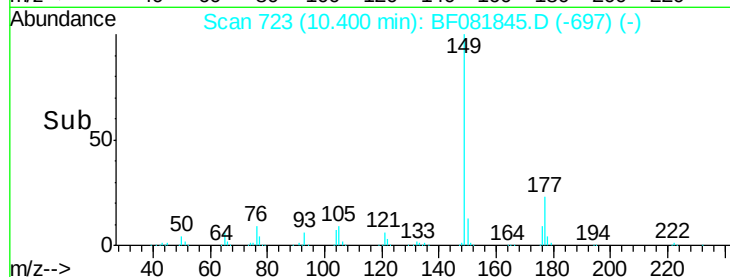
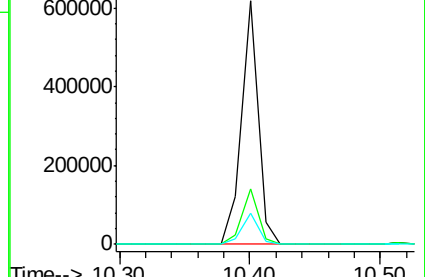
150 12.6 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.98 ng

RT: 10.51 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

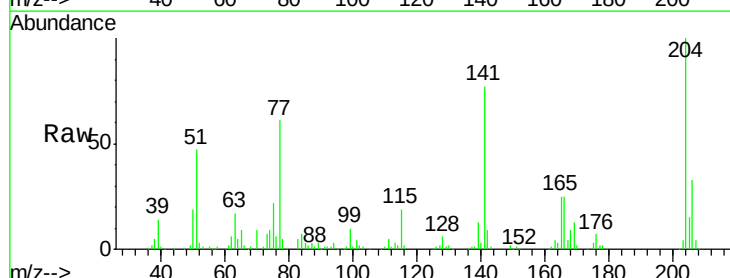
Tgt Ion:204 Resp: 239145

Ion Ratio Lower Upper

204 100

206 33.1 24.8 37.2

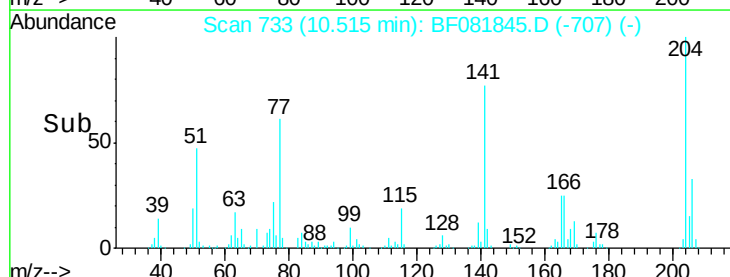
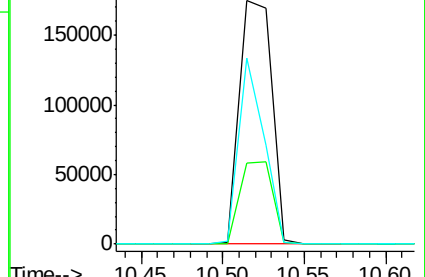
141 76.5 42.2 63.4#

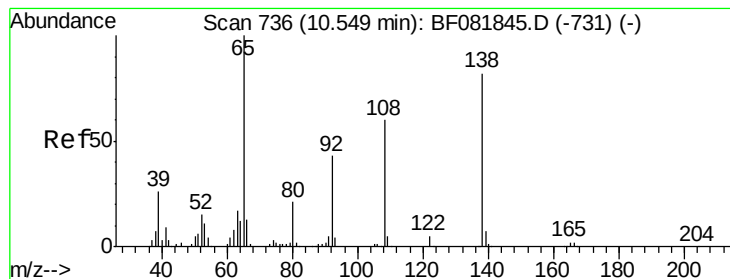


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.99 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

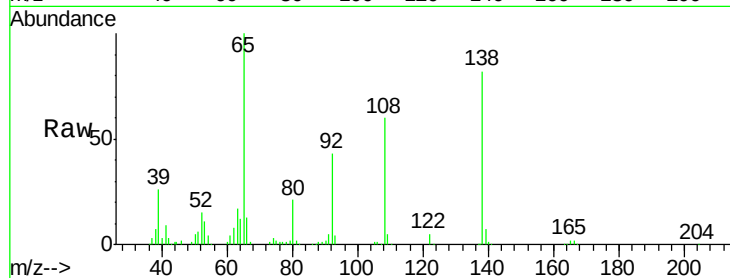
Tgt Ion:138 Resp: 143455

Ion Ratio Lower Upper

138 100

92 52.1 12.6 52.6

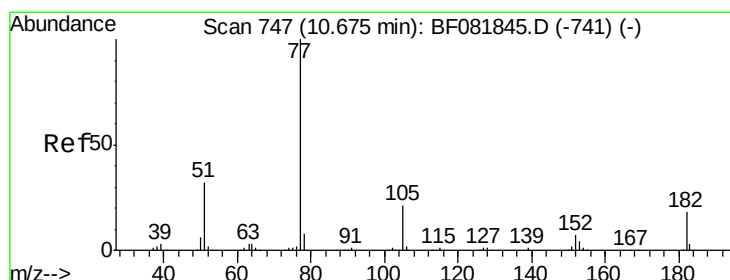
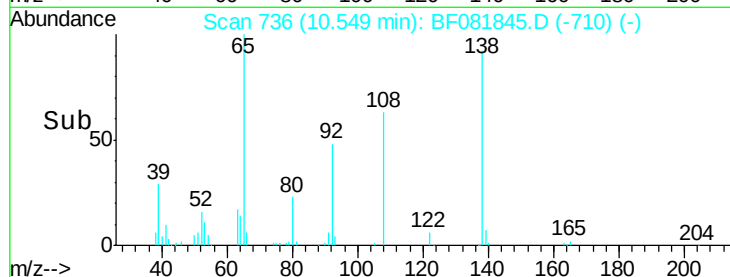
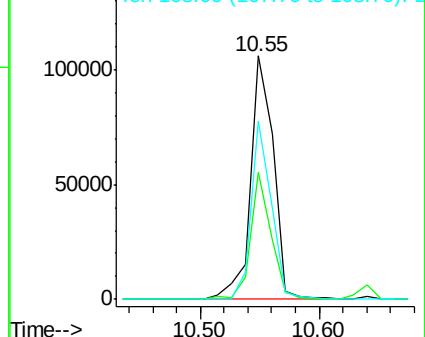
108 73.2 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 32.37 ng

RT: 10.67 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Tgt Ion: 77 Resp: 525886

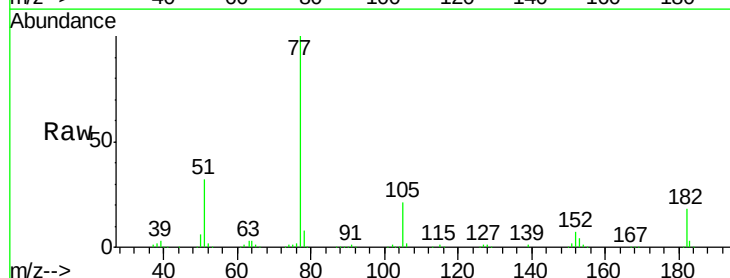
Ion Ratio Lower Upper

77 100

182 17.7 15.1 55.1

105 21.0 3.4 43.4

51 32.1 12.0 52.0

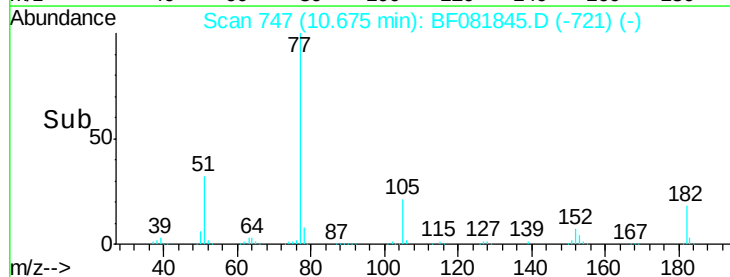
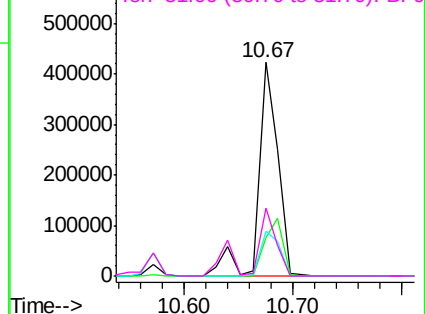


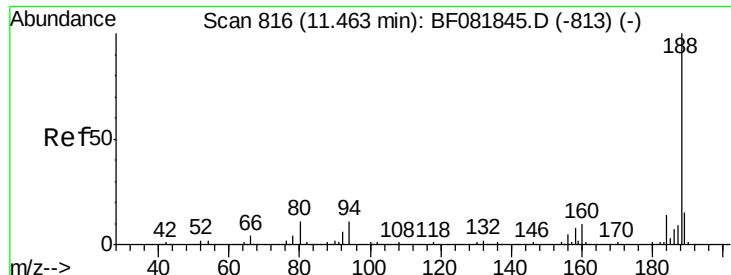
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

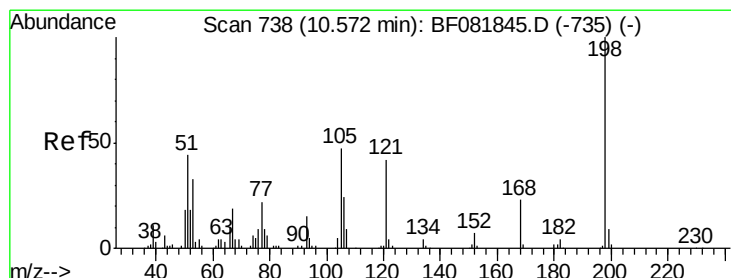
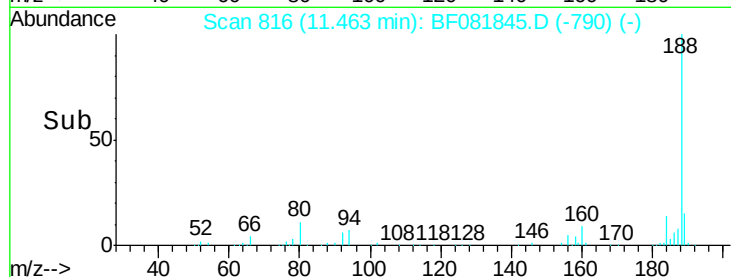
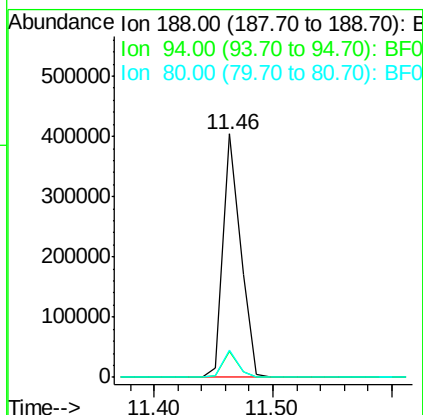
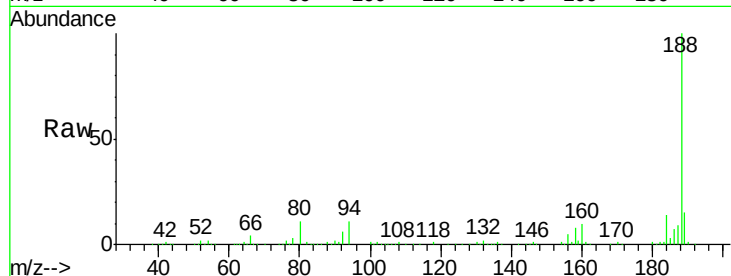




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.46 min Scan# 816  
Delta R.T. 0.00 min  
Lab File: BF081845.D  
Acq: 28 Sep 2015 16:01

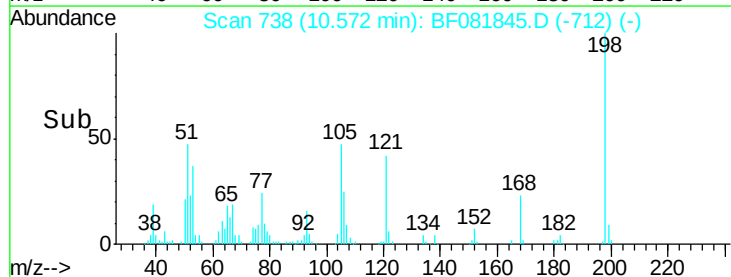
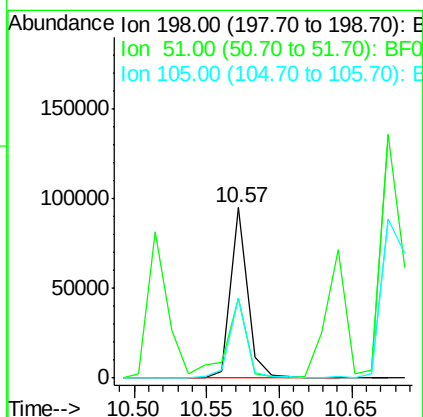
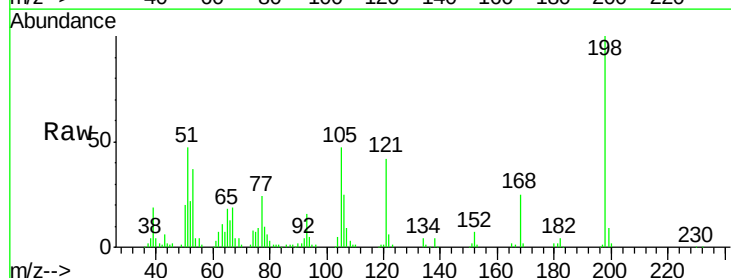
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

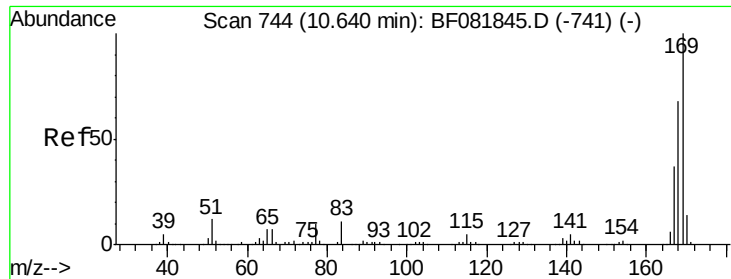
Tgt Ion:188 Resp: 410530  
Ion Ratio Lower Upper  
188 100  
94 10.6 11.1 16.7#  
80 11.4 11.0 16.4



#64  
4,6-Dinitro-2-methylphenol  
Concen: 95.43 ng  
RT: 10.57 min Scan# 738  
Delta R.T. 0.00 min  
Lab File: BF081845.D  
Acq: 28 Sep 2015 16:01

Tgt Ion:198 Resp: 77415  
Ion Ratio Lower Upper  
198 100  
51 47.1 39.6 79.6  
105 46.9 28.5 68.5

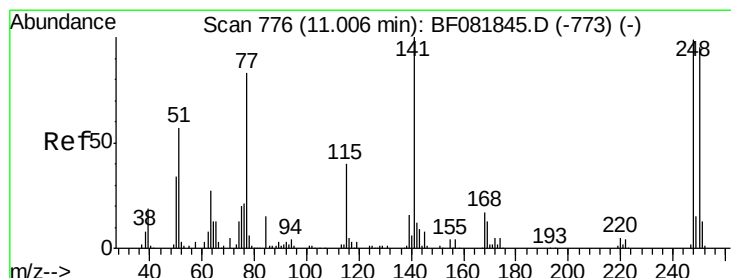
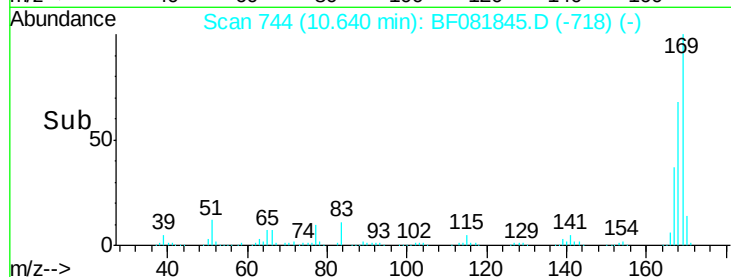
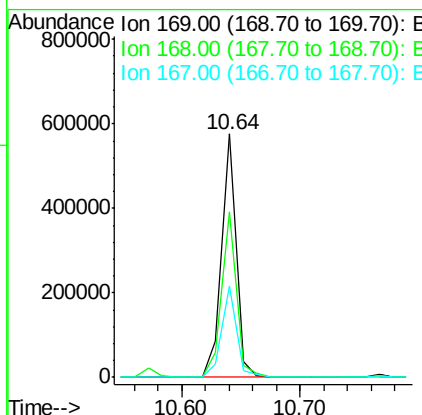
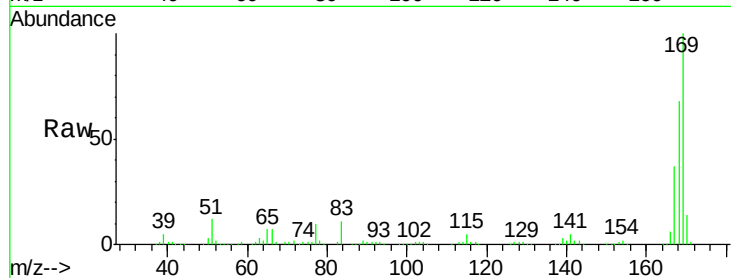




#65  
 n-Nitrosodiphenylamine  
 Concen: 35.08 ng  
 RT: 10.64 min Scan# 744  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

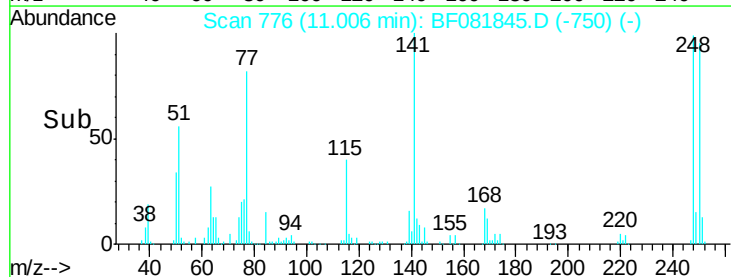
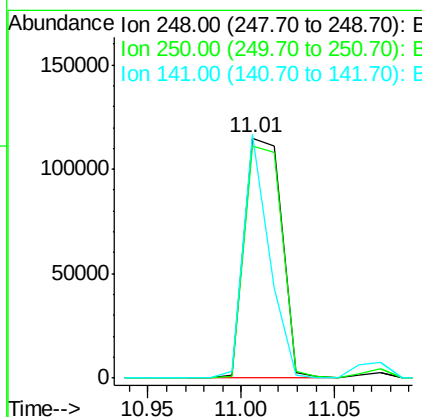
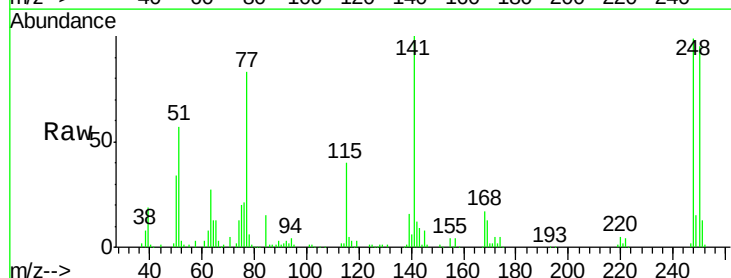
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

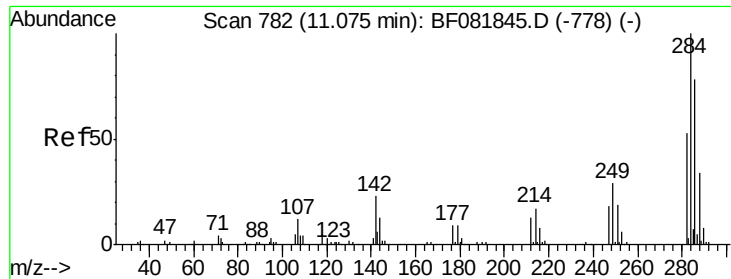
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.9  | 48.9  | 73.3  |
| 167     | 37.4  | 26.2  | 39.4  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 34.62 ng  
 RT: 11.01 min Scan# 776  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.7  | 78.5  | 117.7 |
| 141     | 101.4 | 59.0  | 88.6# |





#67

Hexachlorobenzene

Concen: 39.54 ng

RT: 11.07 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

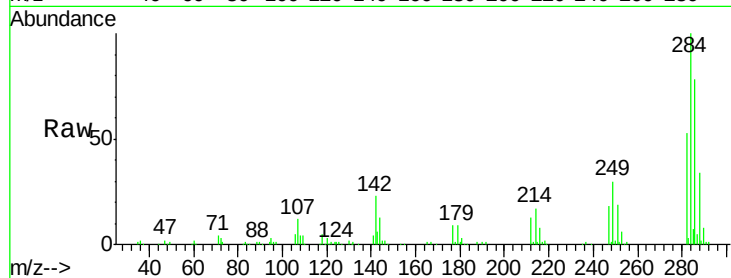
Tgt Ion:284 Resp: 188595

Ion Ratio Lower Upper

284 100

142 23.1 29.5 44.3#

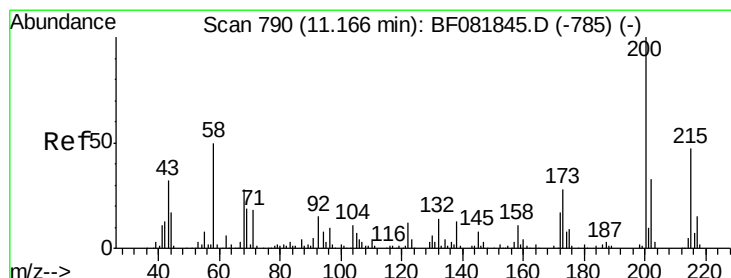
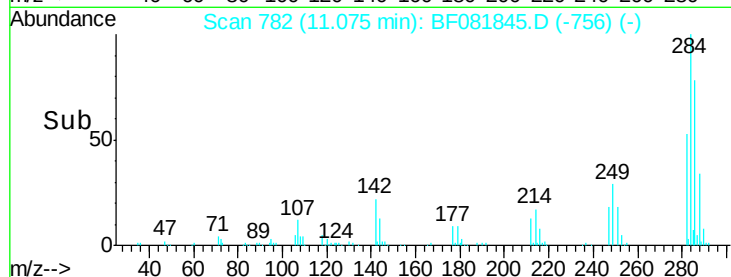
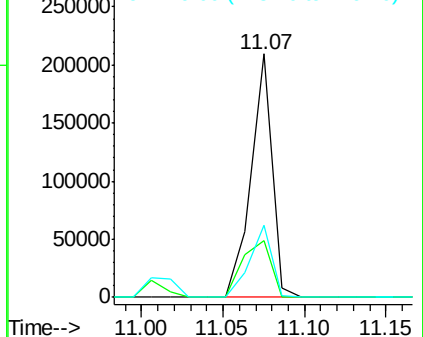
249 29.6 19.5 29.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.87 ng

RT: 11.17 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

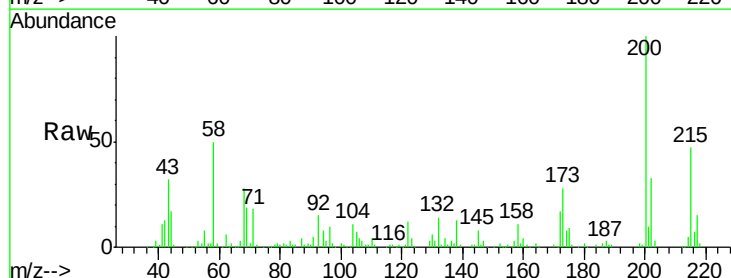
Tgt Ion:200 Resp: 148476

Ion Ratio Lower Upper

200 100

173 27.7 13.2 53.2

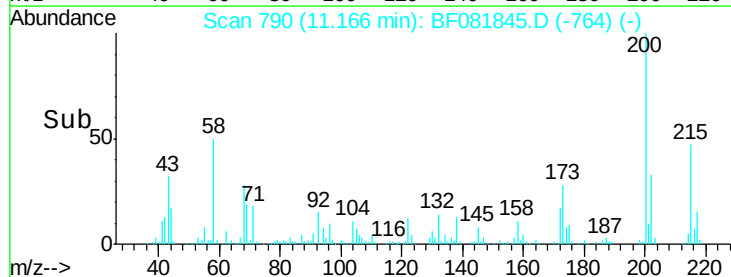
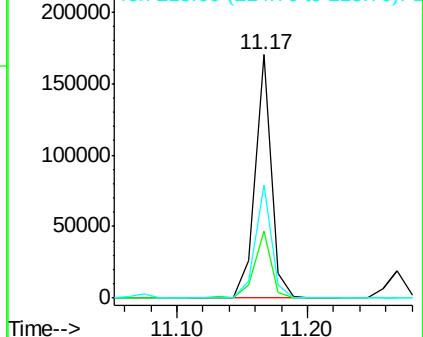
215 46.7 41.8 81.8

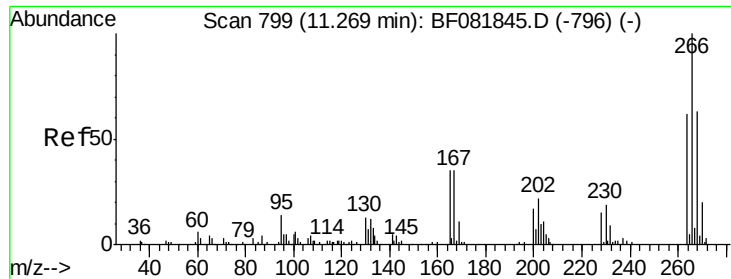


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

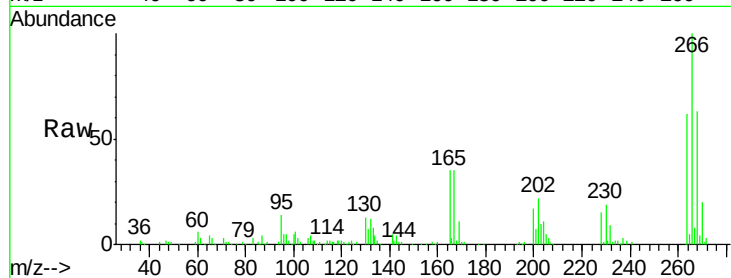




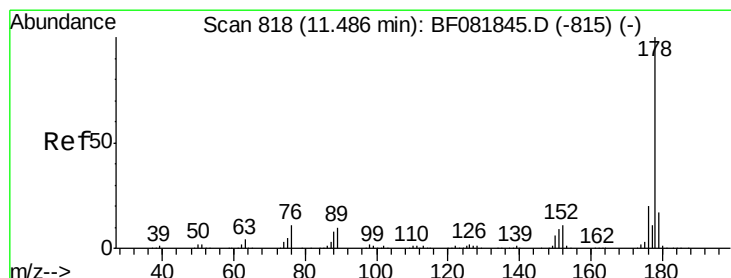
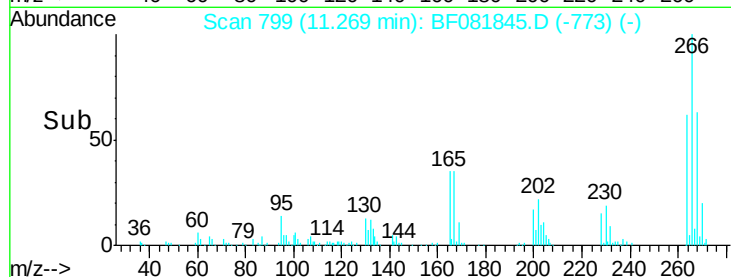
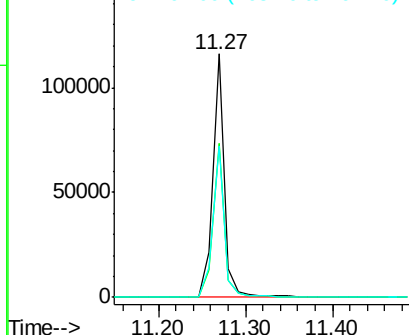
#69  
 Pentachlorophenol  
 Concen: 56.13 ng  
 RT: 11.27 min Scan# 799  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.1  | 49.8  | 74.6  |
| 264     | 62.3  | 50.2  | 75.2  |

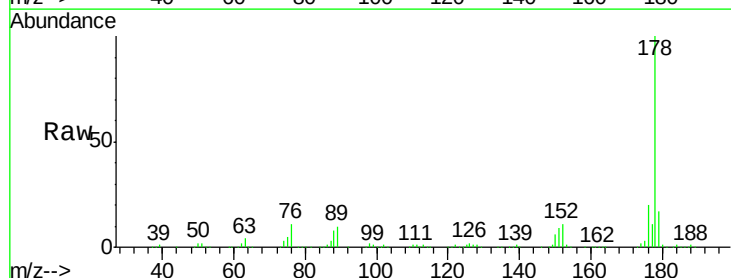


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

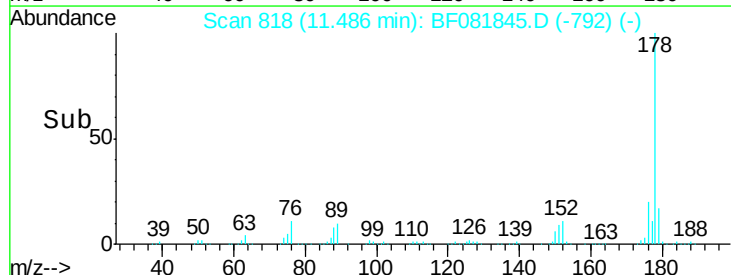
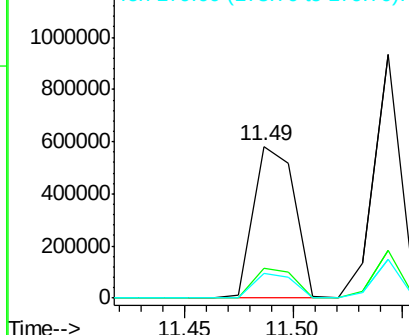


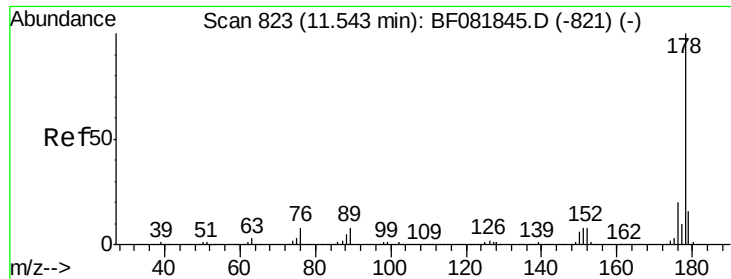
#70  
 Phenanthrene  
 Concen: 32.82 ng  
 RT: 11.49 min Scan# 818  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.1  | 13.8  | 20.8  |
| 179     | 16.5  | 12.2  | 18.2  |



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

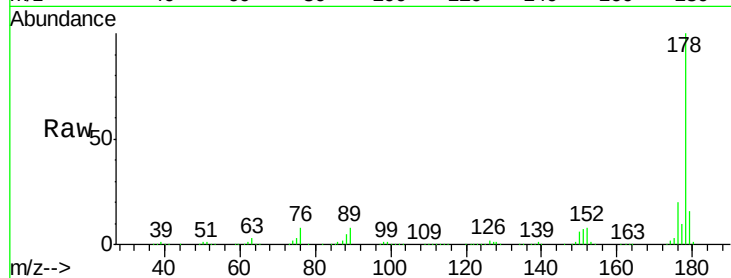




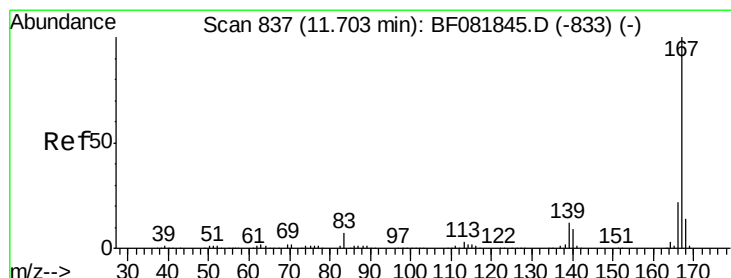
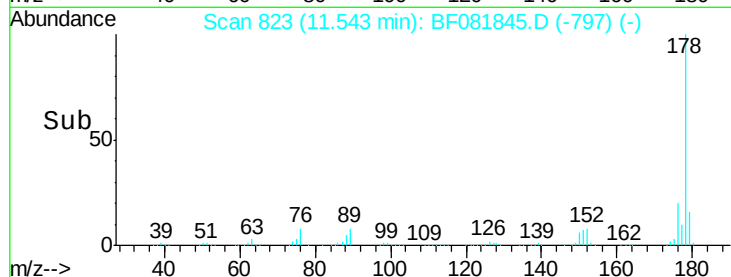
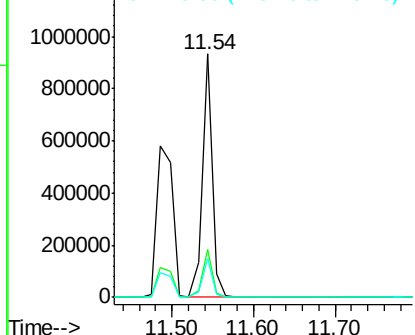
#71  
 Anthracene  
 Concen: 35.51 ng  
 RT: 11.54 min Scan# 823  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tgt Ion:178 Resp: 803122  
 Ion Ratio Lower Upper  
 178 100  
 176 19.6 14.1 21.1  
 179 16.0 12.2 18.2

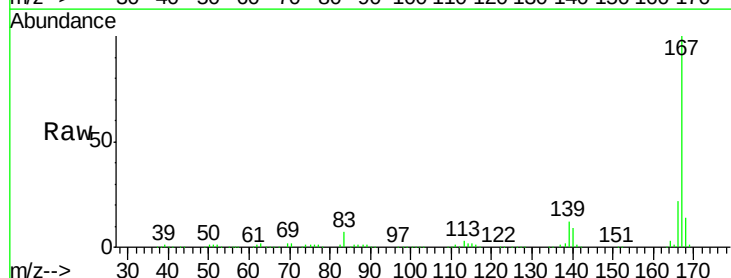


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

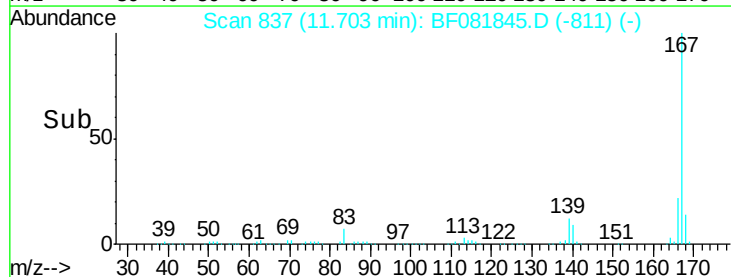
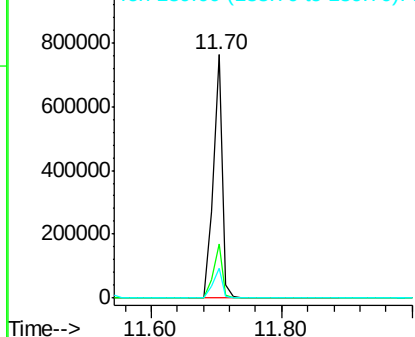


#72  
 Carbazole  
 Concen: 35.67 ng  
 RT: 11.70 min Scan# 837  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

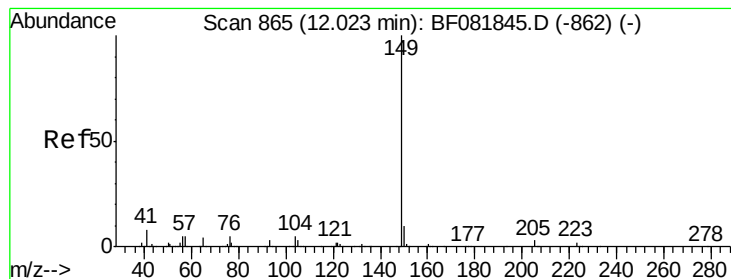
Tgt Ion:167 Resp: 748894  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 15.7 23.5  
 139 12.3 9.5 14.3



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







#73

Di-n-butylphthalate

Concen: 29.47 ng

RT: 12.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

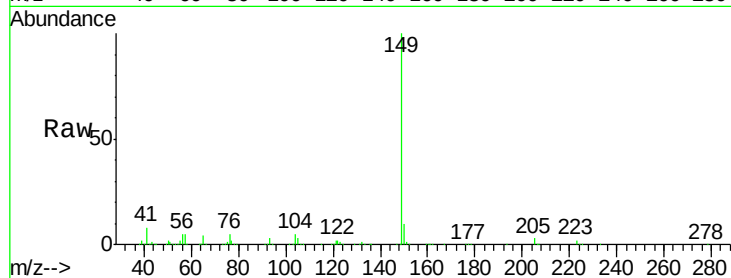
Tgt Ion:149 Resp: 753203

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

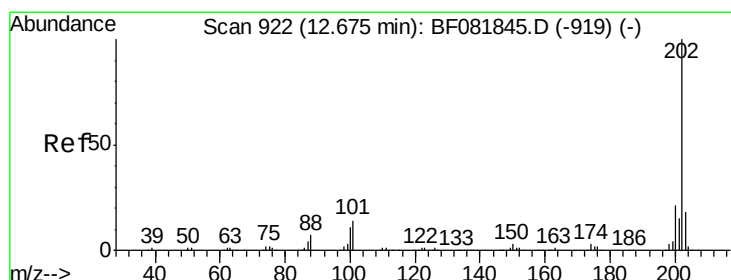
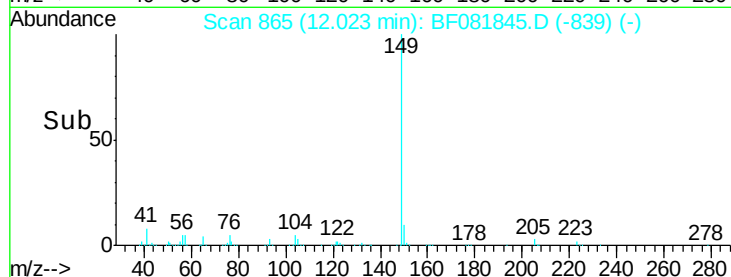
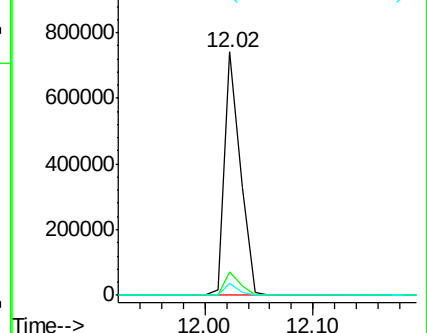
104 5.0 2.4 3.6#



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: 33.96 ng

RT: 12.67 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

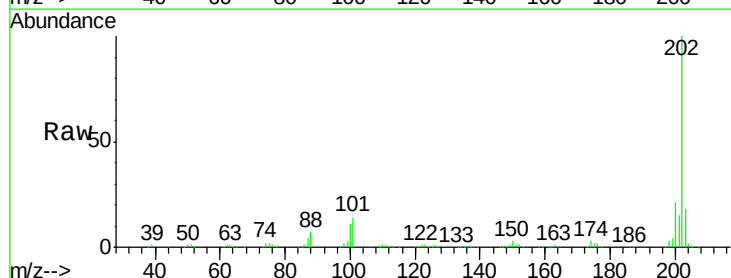
Tgt Ion:202 Resp: 803148

Ion Ratio Lower Upper

202 100

101 13.8 0.0 38.3

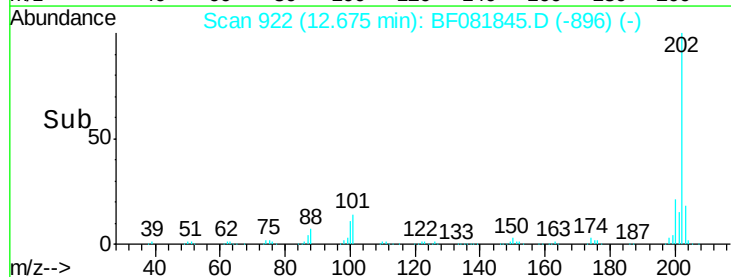
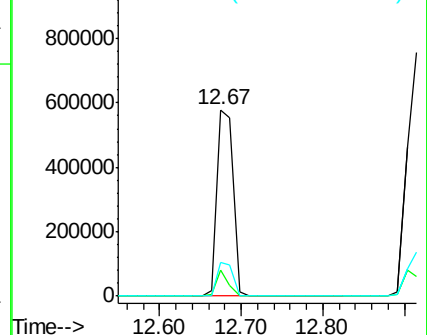
203 18.3 0.0 37.3

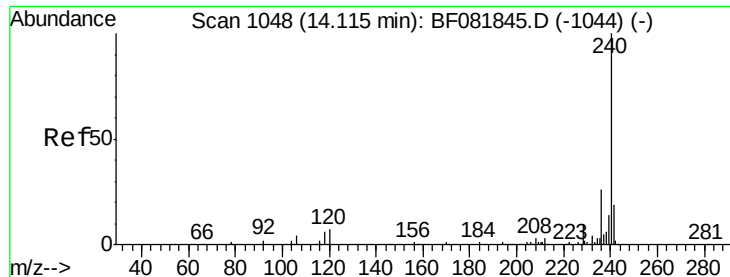


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

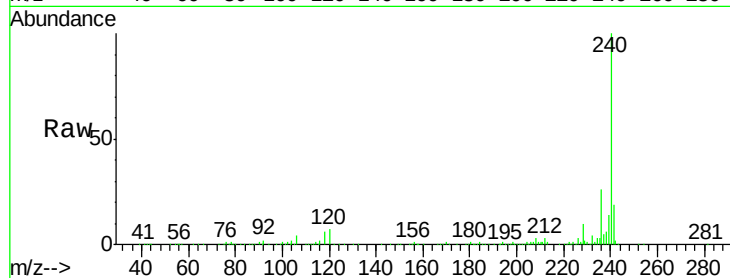
Tgt Ion:240 Resp: 343374

Ion Ratio Lower Upper

240 100

120 6.8 16.2 24.2#

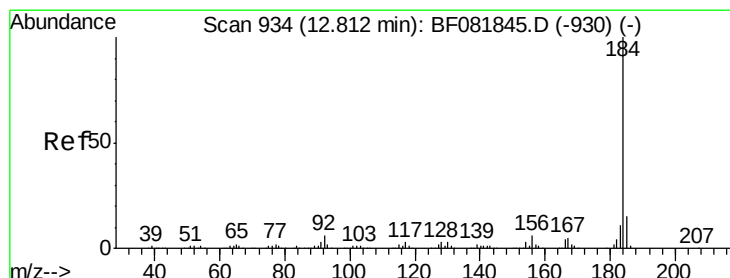
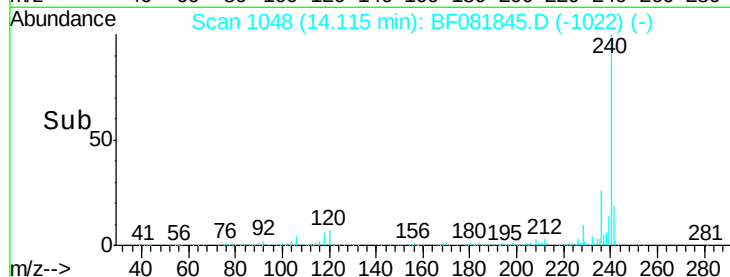
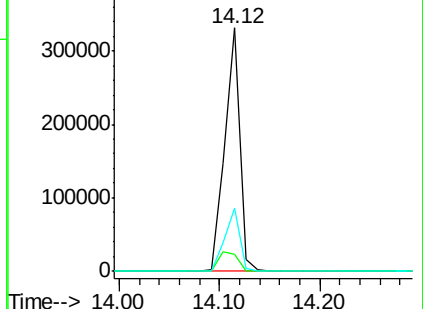
236 26.1 18.4 27.6



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: 39.34 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

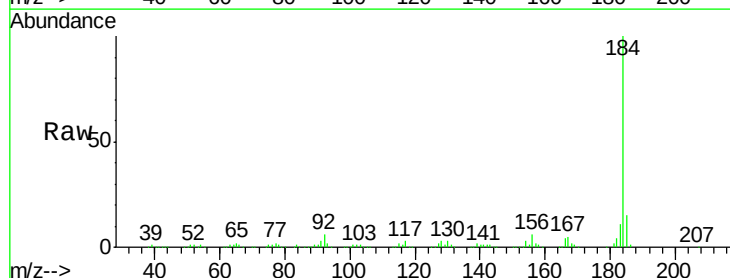
Tgt Ion:184 Resp: 458442

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.6

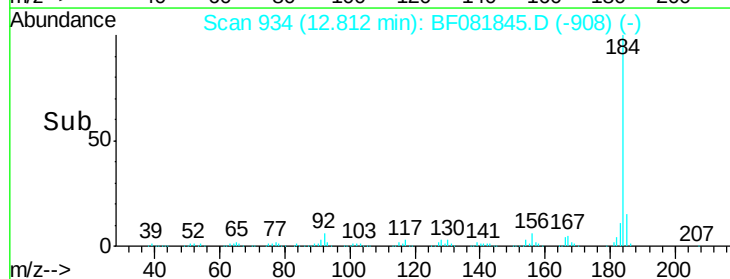
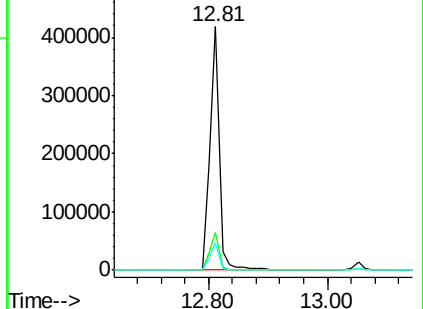
183 11.4 7.6 11.4

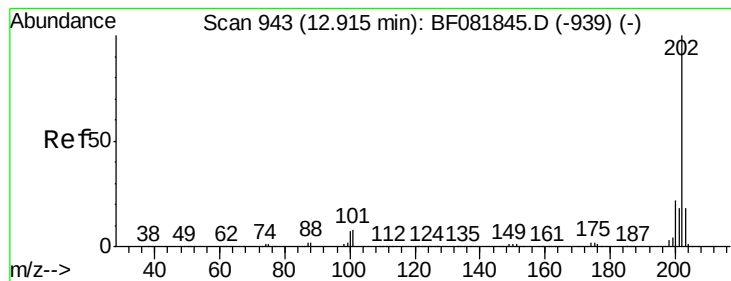


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 33.21 ng

RT: 12.91 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

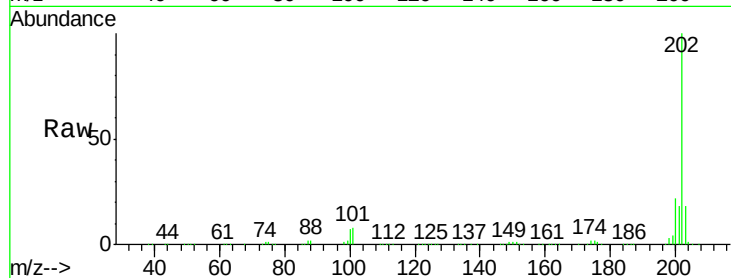
Tgt Ion: 202 Resp: 859679

Ion Ratio Lower Upper

202 100

200 21.8 15.0 22.4

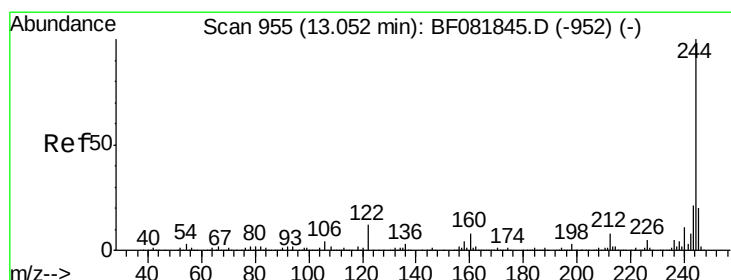
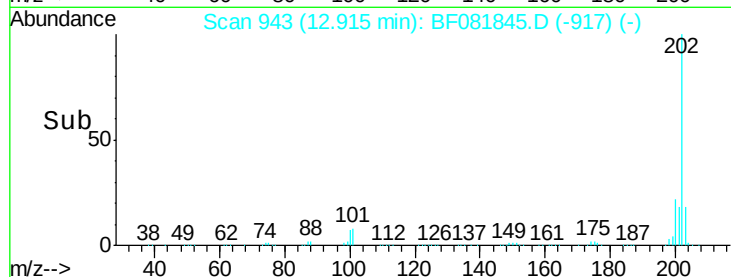
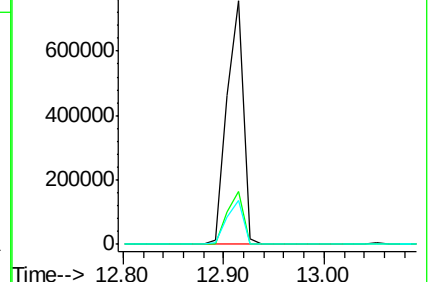
203 18.1 14.1 21.1



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: 57.54 ng

RT: 13.05 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

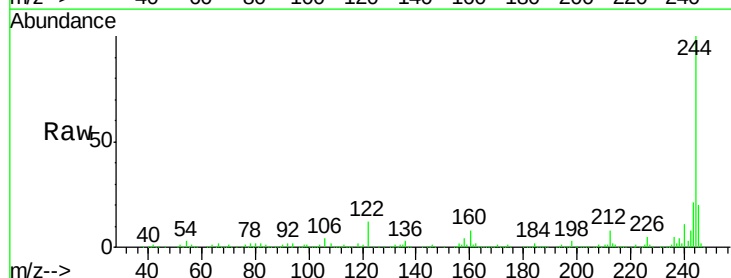
Tgt Ion: 244 Resp: 864984

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

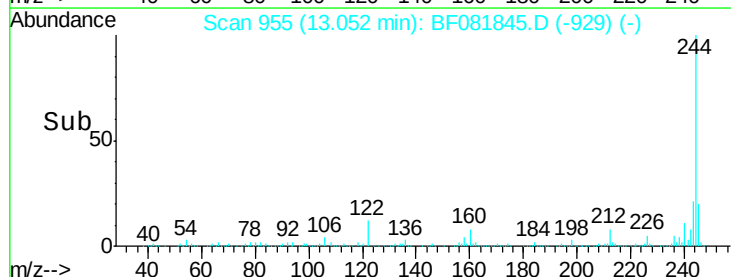
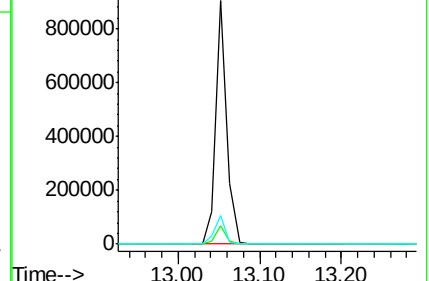
122 11.8 17.4 26.2#

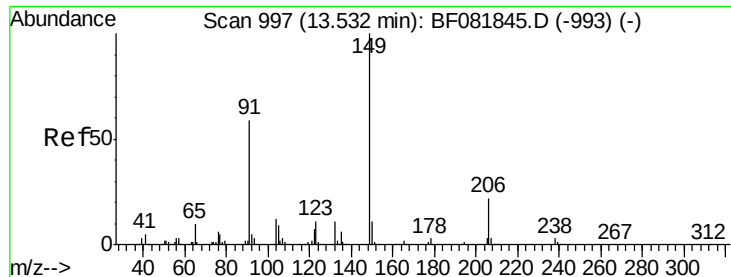


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

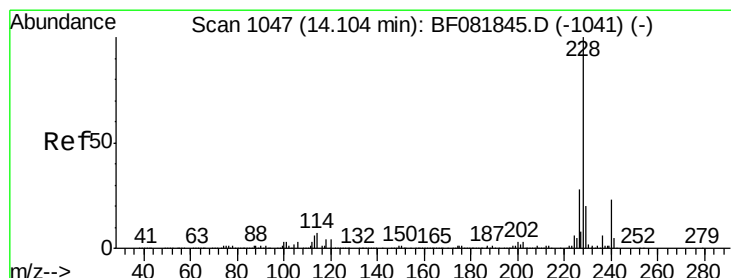
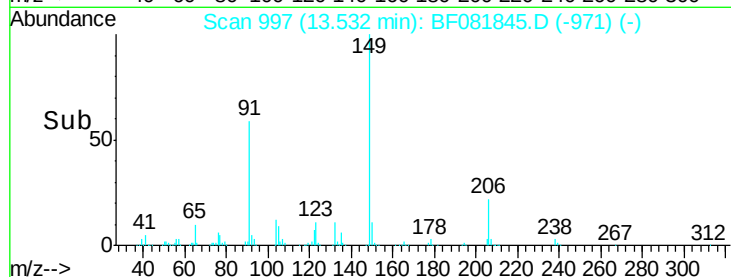
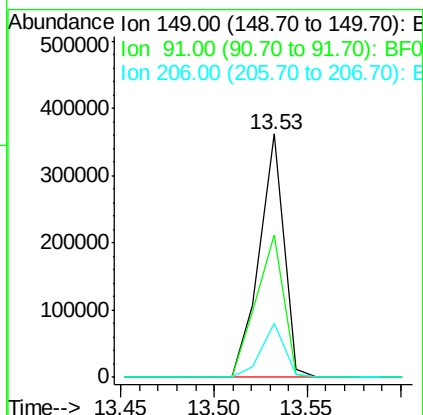
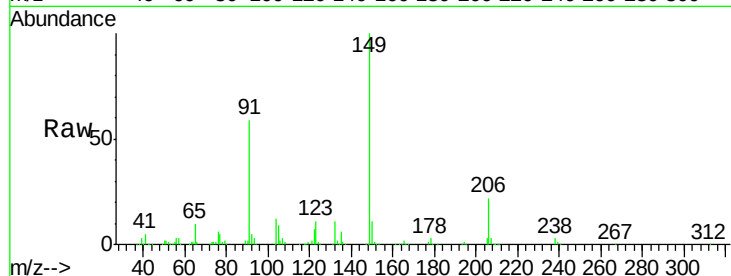




#79  
Butylbenzylphthalate  
Concen: 31.98 ng  
RT: 13.53 min Scan# 997  
Delta R.T. 0.00 min  
Lab File: BF081845.D  
Acq: 28 Sep 2015 16:01

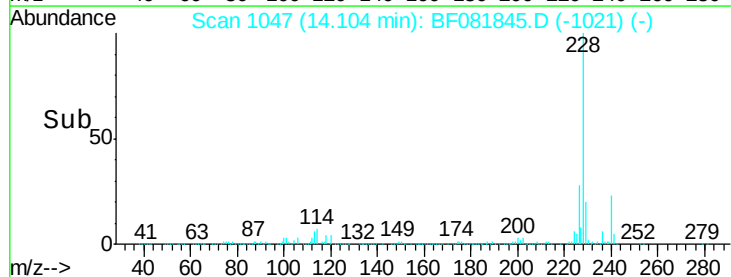
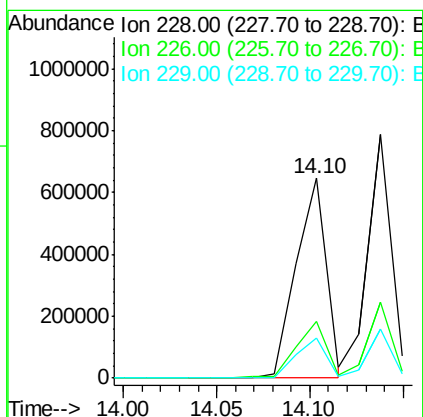
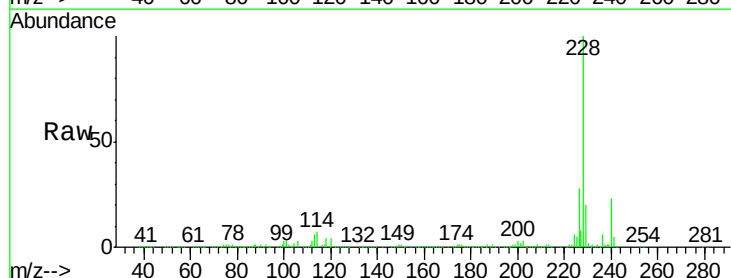
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

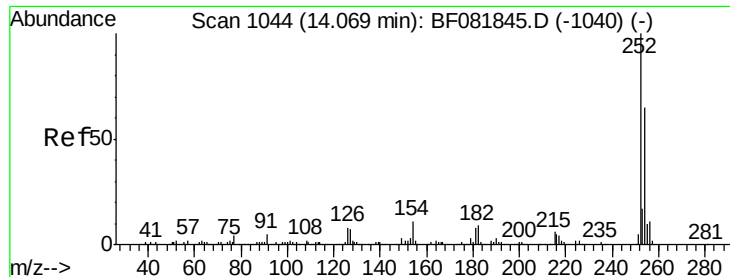
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 58.8  | 48.6  | 72.8  |
| 206     | 22.1  | 14.9  | 22.3  |



#80  
Benzo(a)anthracene  
Concen: 35.01 ng  
RT: 14.10 min Scan# 1047  
Delta R.T. 0.00 min  
Lab File: BF081845.D  
Acq: 28 Sep 2015 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.1  | 20.0  | 30.0  |
| 229     | 20.0  | 15.4  | 23.2  |

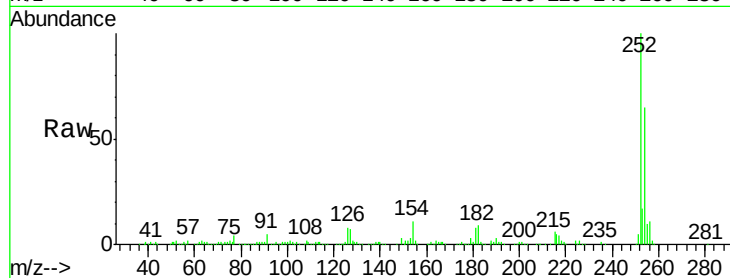




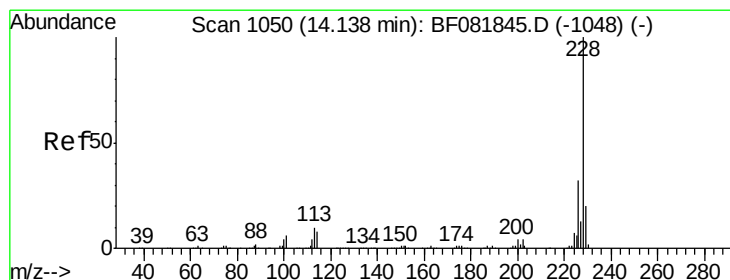
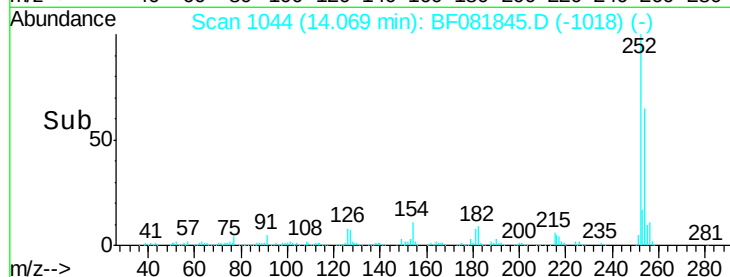
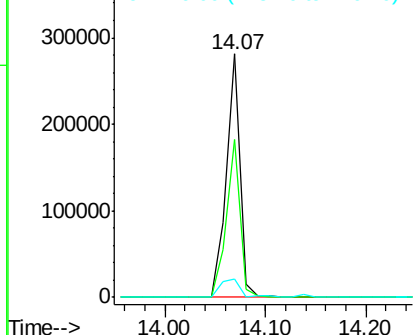
#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.38 ng  
 RT: 14.07 min Scan# 1044  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.9  | 51.4  | 77.2  |
| 126     | 7.5   | 16.4  | 24.6  |

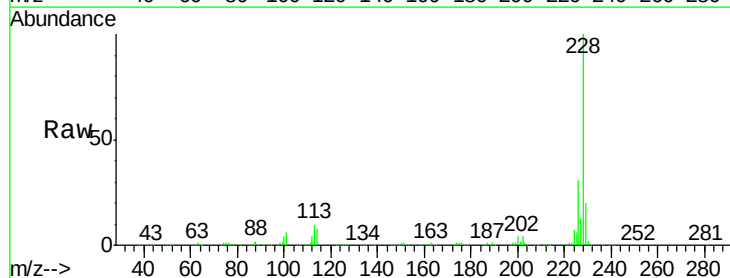


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

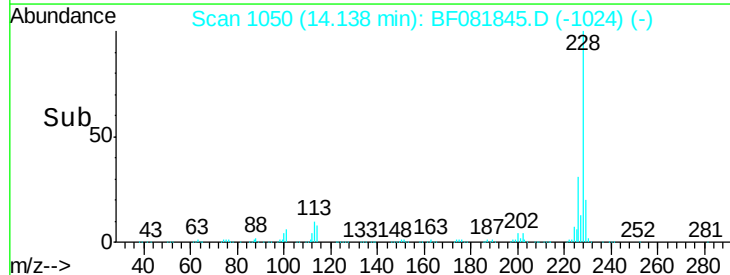
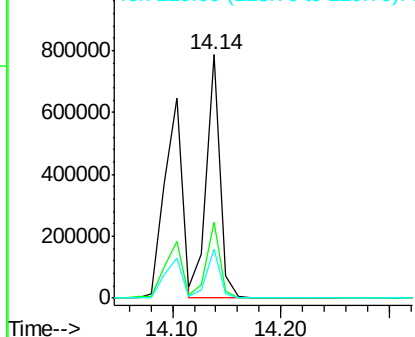


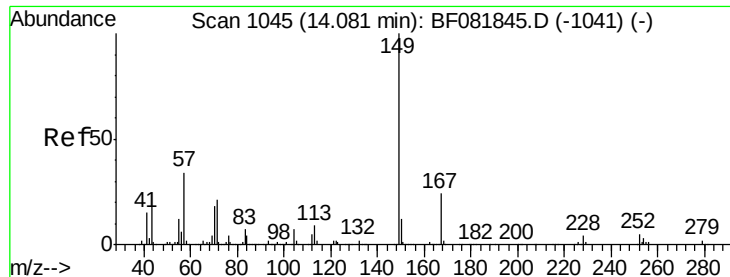
#82  
 Chrysene  
 Concen: 34.88 ng  
 RT: 14.14 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.4  | 21.0  | 31.4  |
| 229     | 20.4  | 15.6  | 23.4  |



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.56 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

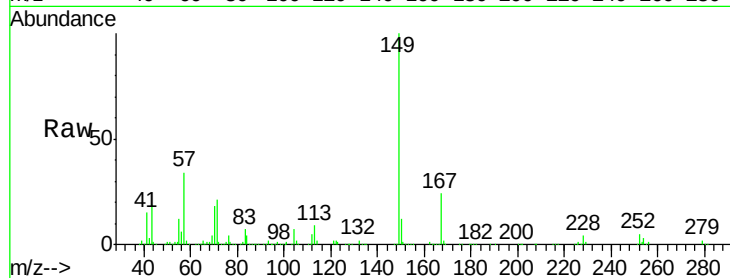
Tgt Ion:149 Resp: 394768

Ion Ratio Lower Upper

149 100

167 24.2 24.2 36.2

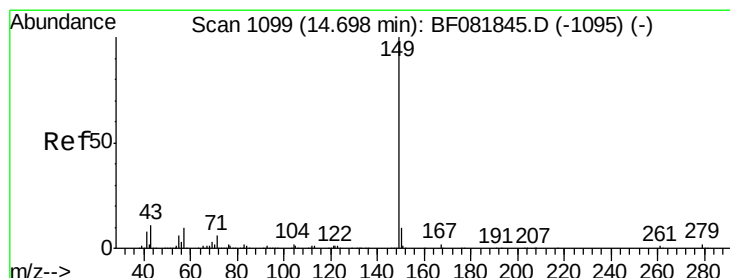
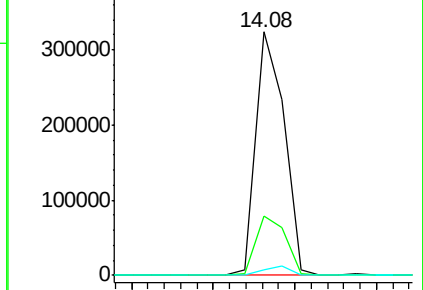
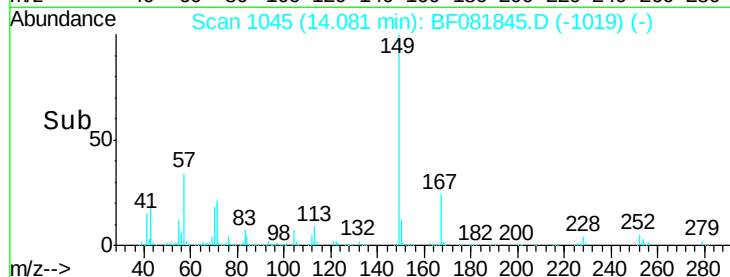
279 2.2 3.8 5.6#



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: 33.90 ng

RT: 14.70 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

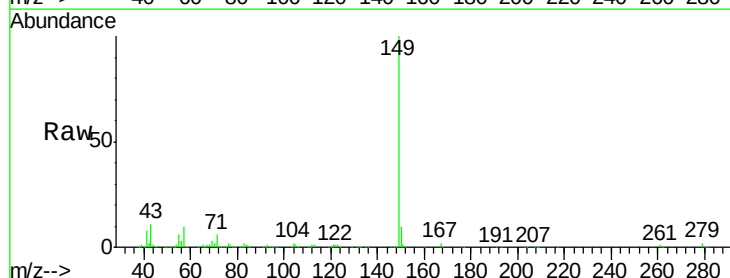
Tgt Ion:149 Resp: 623558

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

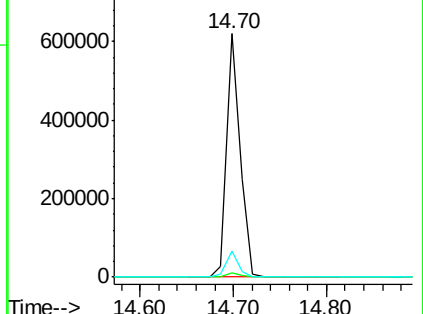
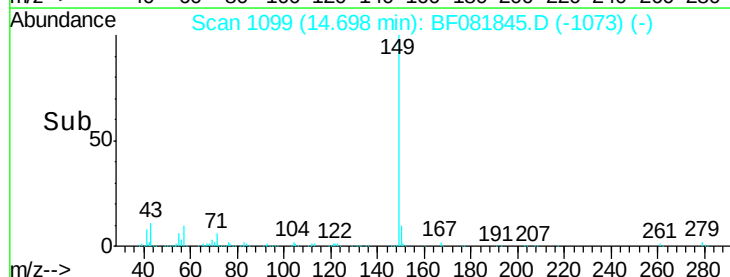
43 9.5 10.2 15.2#

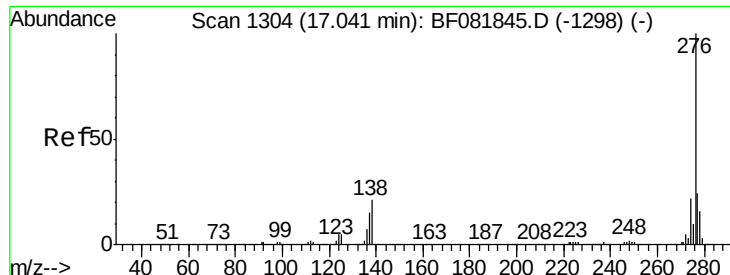


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

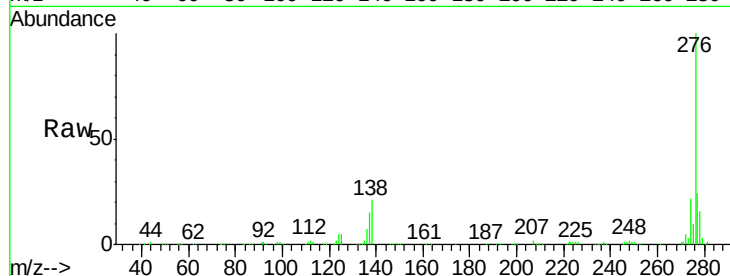




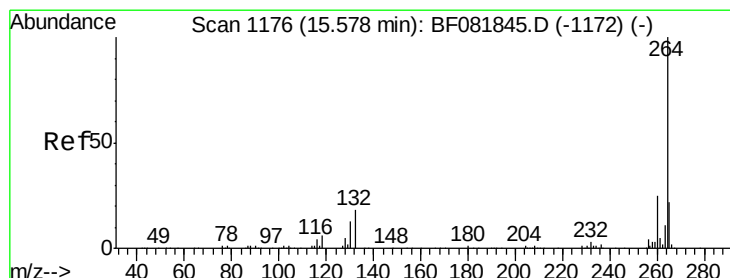
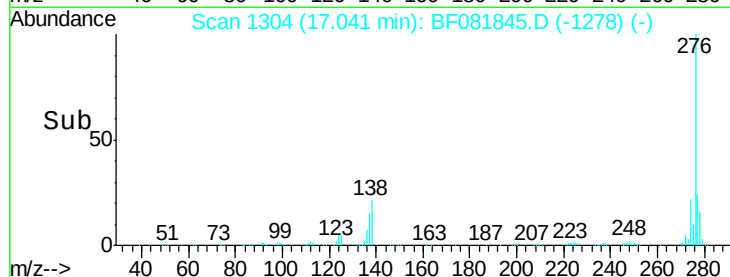
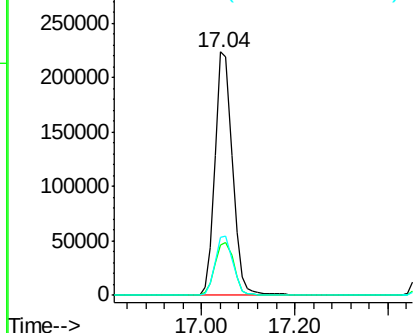
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 32.06 ng  
 RT: 17.04 min Scan# 1304  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

Tgt Ion: 276 Resp: 586122  
 Ion Ratio Lower Upper  
 276 100  
 138 23.5 25.7 38.5#  
 277 24.8 15.6 23.4#

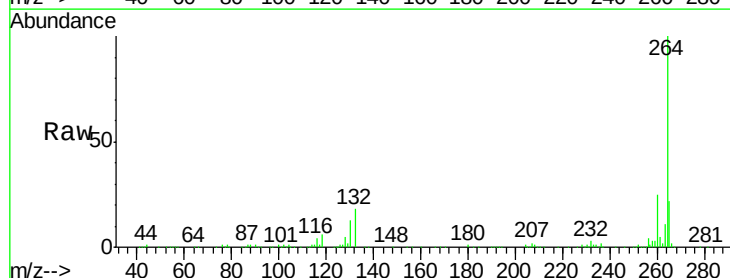


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

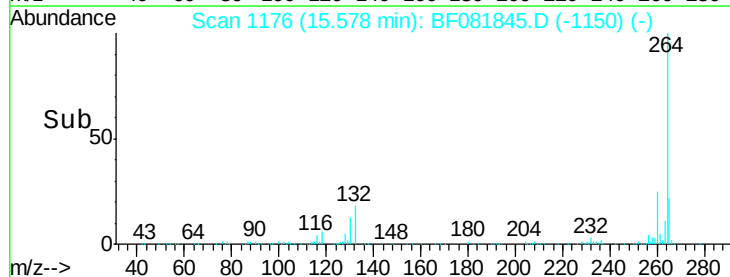
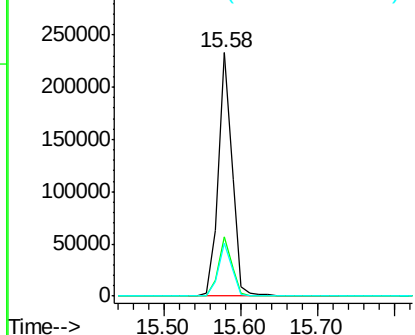


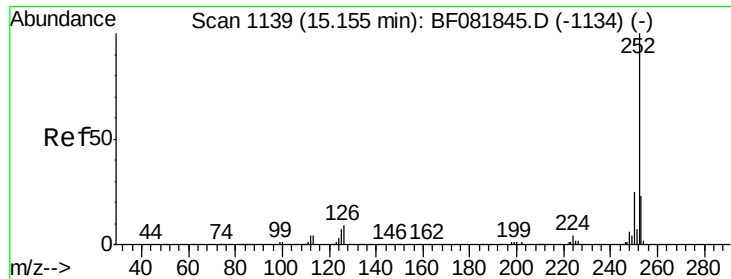
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.58 min Scan# 1176  
 Delta R.T. 0.00 min  
 Lab File: BF081845.D  
 Acq: 28 Sep 2015 16:01

Tgt Ion: 264 Resp: 293371  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 16.7 25.1  
 265 21.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.90 ng

RT: 15.16 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

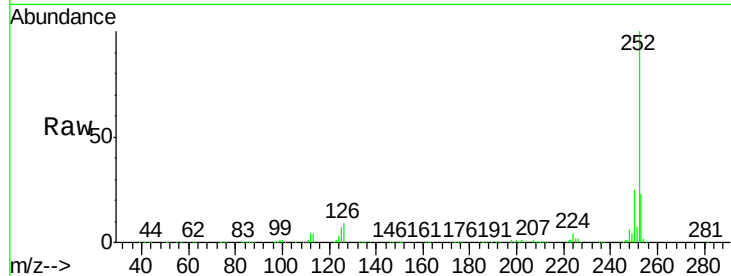
Tgt Ion:252 Resp: 676728

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

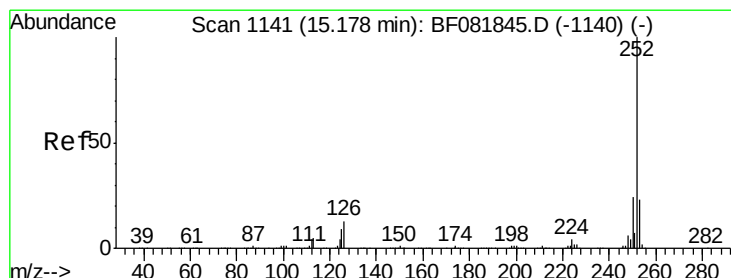
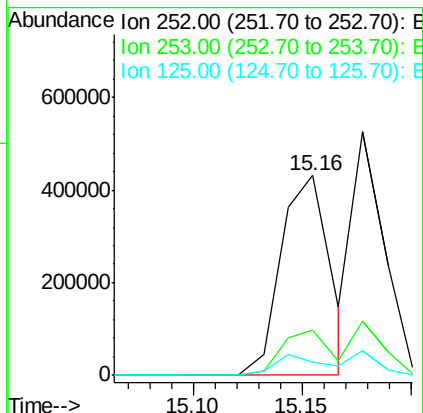
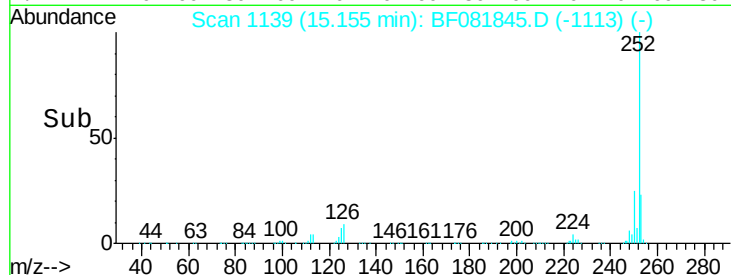
125 6.7 17.1 25.7#



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: 40.38 ng

RT: 15.16 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

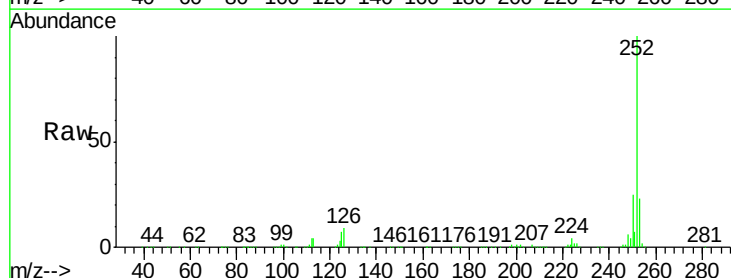
Tgt Ion:252 Resp: 676728

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

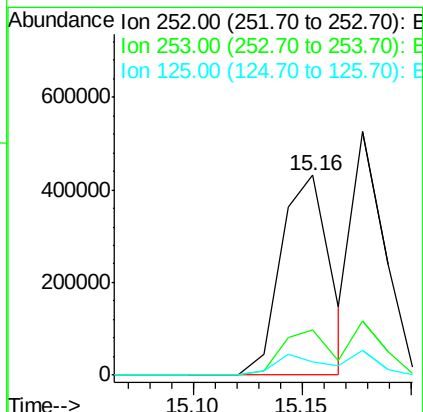
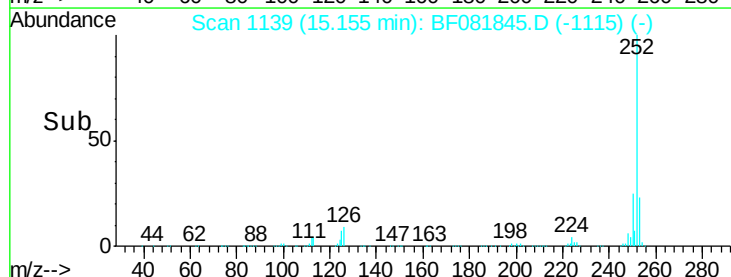
125 6.7 16.0 24.0#



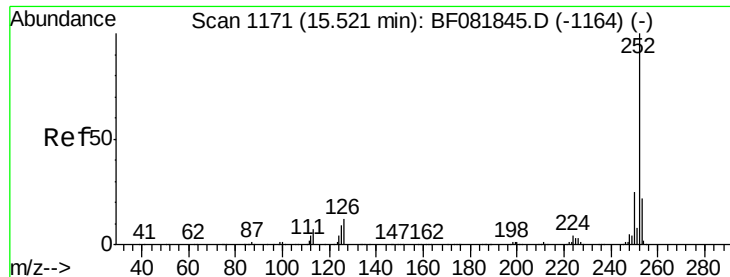
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



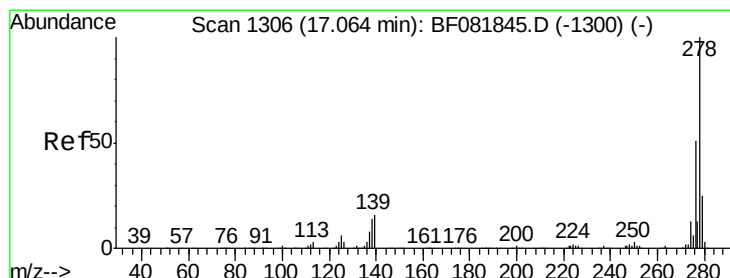
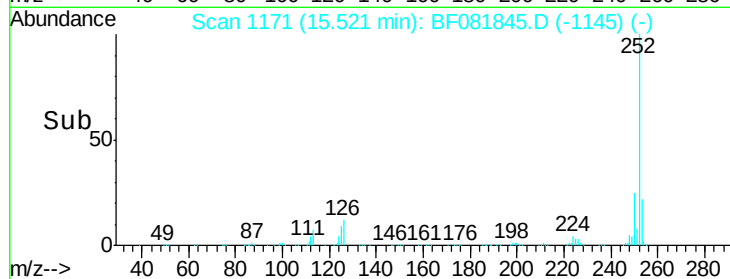
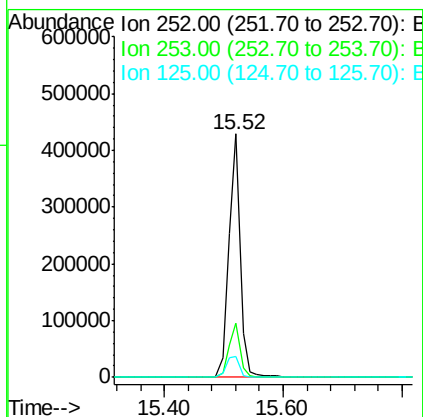
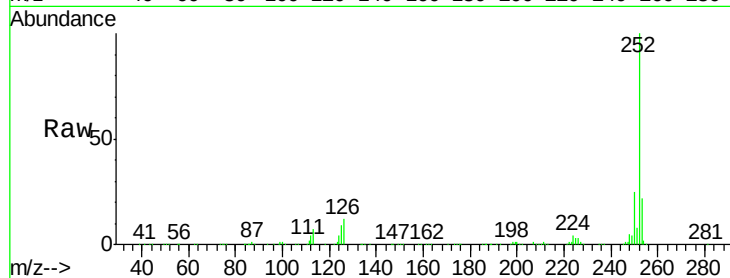




#89  
Benzo(a)pyrene  
Concen: 36.16 ng  
RT: 15.52 min Scan# 1171  
Delta R.T. 0.00 min  
Lab File: BF081845.D  
Acq: 28 Sep 2015 16:01

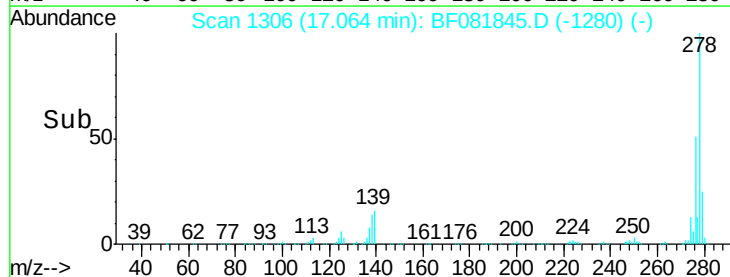
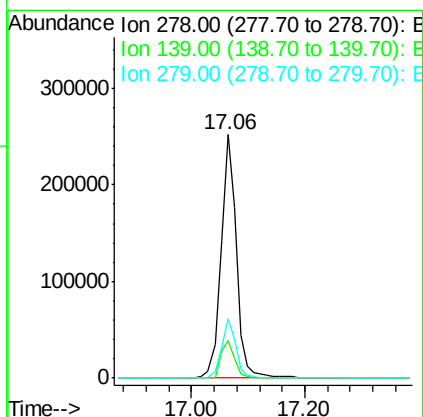
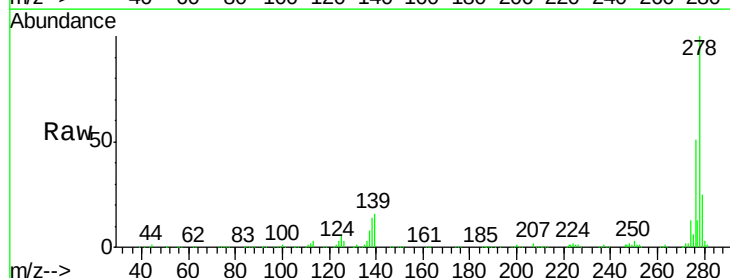
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

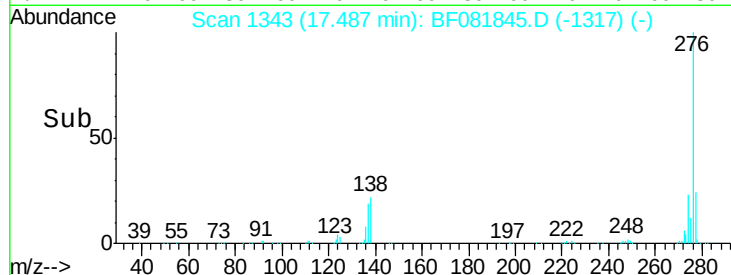
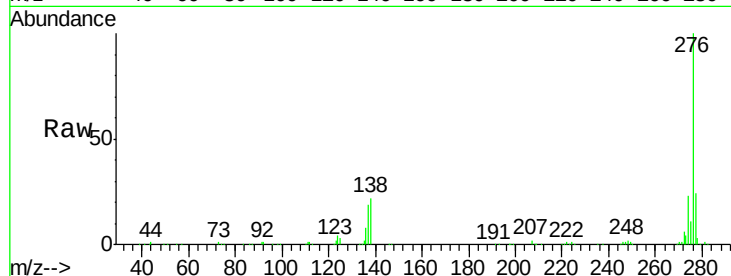
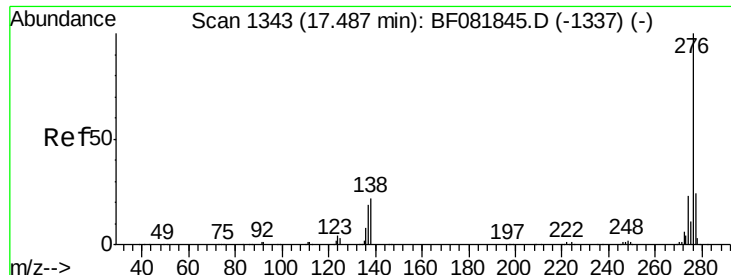
Tgt Ion:252 Resp: 567903  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.2 25.8  
125 8.7 18.0 27.0#



#90  
Dibenzo(a,h)anthracene  
Concen: 29.04 ng  
RT: 17.06 min Scan# 1306  
Delta R.T. 0.00 min  
Lab File: BF081845.D  
Acq: 28 Sep 2015 16:01

Tgt Ion:278 Resp: 475396  
Ion Ratio Lower Upper  
278 100  
139 15.7 26.3 39.5#  
279 24.5 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 28.38 ng

RT: 17.49 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF081845.D

Acq: 28 Sep 2015 16:01

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 276 Resp: 478977

Ion Ratio Lower Upper

276 100

277 23.8 17.8 26.6

138 21.5 34.6 51.8#

