

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051416\  
 Data File : BF087051.D  
 Acq On : 15 May 2016 6:20  
 Operator : UM/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 16 06:48:26 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 16 05:03:47 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.62  | 152  | 155489   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.91  | 136  | 640001   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.64  | 164  | 283992   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.13 | 188  | 518791   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.76 | 240  | 301924   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.11 | 264  | 343791   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.20  | 112 | 761899  | 82.98 | ng | 0.00  |
| 7) Phenol-d6                | 6.28  | 99  | 916855  | 74.72 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.19  | 82  | 1064539 | 83.52 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.44 | 330 | 255274  | 84.91 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 8.98  | 172 | 1388484 | 82.17 | ng | 0.00  |
| 78) Terphenyl-d14           | 12.71 | 244 | 1195557 | 84.02 | ng | 0.00  |

|                                |      |     |         |       |    |        |
|--------------------------------|------|-----|---------|-------|----|--------|
| Target Compounds               |      |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.04 | 88  | 189529  | 42.05 | ng | # 71   |
| 3) Pyridine                    | 2.70 | 79  | 420975  | 38.20 | ng | # 63   |
| 4) n-Nitrosodimethylamine      | 2.65 | 42  | 357166  | 44.70 | ng | # 47   |
| 6) Aniline                     | 6.28 | 93  | 609234  | 41.05 | ng | 90     |
| 8) 2-Chlorophenol              | 6.41 | 128 | 443413  | 40.02 | ng | 97     |
| 9) Benzaldehyde                | 6.16 | 77  | 270681  | 38.09 | ng | 98     |
| 10) Phenol                     | 6.30 | 94  | 549355  | 37.67 | ng | # 69   |
| 11) bis(2-Chloroethyl)ether    | 6.36 | 93  | 472951  | 41.59 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 6.55 | 146 | 453832m | 37.85 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.63 | 146 | 474641m | 38.82 | ng |        |
| 14) 1,2-Dichlorobenzene        | 6.79 | 146 | 426152  | 39.99 | ng | 98     |
| 15) Benzyl Alcohol             | 6.78 | 79  | 360408  | 42.54 | ng | # 85   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.90 | 45  | 948256  | 38.35 | ng | 63     |
| 17) 2-Methylphenol             | 6.90 | 107 | 337506  | 38.28 | ng | # 76   |
| 18) Hexachloroethane           | 7.12 | 117 | 181459  | 39.45 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.05 | 70  | 362036  | 42.22 | ng | # 68   |
| 20) 3+4-Methylphenols          | 7.06 | 107 | 465374  | 40.42 | ng | # 62   |
| 22) Acetophenone               | 7.04 | 105 | 615038  | 40.69 | ng | # 98   |
| 24) Nitrobenzene               | 7.21 | 77  | 532975  | 40.65 | ng | 97     |
| 25) Isophorone                 | 7.45 | 82  | 886525  | 37.49 | ng | 97     |
| 26) 2-Nitrophenol              | 7.53 | 139 | 239539  | 41.56 | ng | # 92   |
| 27) 2,4-Dimethylphenol         | 7.59 | 122 | 406755  | 41.43 | ng | 90     |
| 28) bis(2-Chloroethoxy)methane | 7.67 | 93  | 501542  | 39.32 | ng | # 98   |
| 29) 2,4-Dichlorophenol         | 7.78 | 162 | 346573  | 40.11 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 7.85 | 180 | 398103  | 41.20 | ng | 99     |
| 31) Naphthalene                | 7.92 | 128 | 1218547 | 38.01 | ng | 99     |
| 32) Benzoic acid               | 7.75 | 122 | 198440  | 34.41 | ng | 88     |
| 33) 4-Chloroaniline            | 7.99 | 127 | 483012  | 38.78 | ng | # 89   |
| 34) Hexachlorobutadiene        | 8.04 | 225 | 234093  | 41.76 | ng | 98     |
| 35) Caprolactam                | 8.38 | 113 | 112270  | 38.19 | ng | # 50   |
| 36) 4-Chloro-3-methylphenol    | 8.49 | 107 | 400960  | 38.26 | ng | 91     |
| 37) 2-Methylnaphthalene        | 8.62 | 142 | 809291  | 43.18 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.78 | 216 | 334434  | 40.50 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.76 | 237 | 121026  | 30.88 | ng | 93     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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 BNA\_F  
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Quant Time: May 16 06:48:26 2016  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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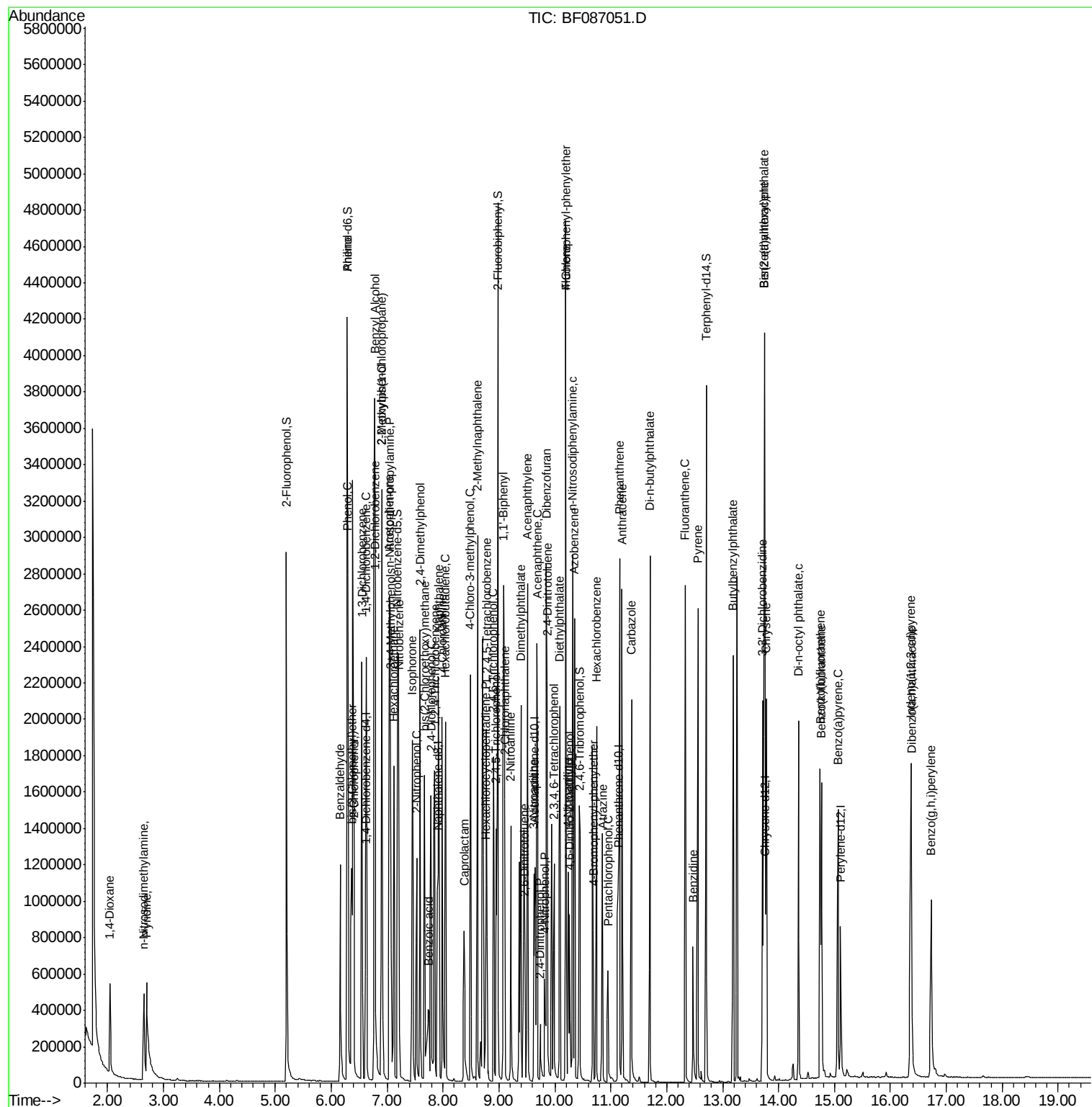
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.90  | 196  | 224317   | 40.63 | ng    | 95       |
| 43) 2,4,5-Trichlorophenol      | 8.95  | 196  | 234306   | 41.03 | ng #  | 81       |
| 45) 1,1'-Biphenyl              | 9.08  | 154  | 1018788  | 45.10 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 9.11  | 162  | 751963   | 42.49 | ng    | 97       |
| 47) 2-Nitroaniline             | 9.21  | 65   | 264566   | 40.90 | ng #  | 72       |
| 48) Acenaphthylene             | 9.51  | 152  | 1096334  | 42.12 | ng    | 99       |
| 49) Dimethylphthalate          | 9.39  | 163  | 879287   | 40.58 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.46  | 165  | 193215   | 42.37 | ng #  | 65       |
| 51) Acenaphthene               | 9.68  | 154  | 685681   | 42.34 | ng    | 98       |
| 52) 3-Nitroaniline             | 9.62  | 138  | 195307   | 40.69 | ng #  | 73       |
| 53) 2,4-Dinitrophenol          | 9.74  | 184  | 53148    | 28.31 | ng #  | 80       |
| 54) Dibenzofuran               | 9.85  | 168  | 858740   | 41.31 | ng    | 92       |
| 55) 4-Nitrophenol              | 9.82  | 139  | 101413m  | 34.44 | ng    |          |
| 56) 2,4-Dinitrotoluene         | 9.86  | 165  | 252414   | 44.73 | ng    | 87       |
| 57) Fluorene                   | 10.19 | 166  | 684484   | 38.61 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.99  | 232  | 182430   | 42.44 | ng    | 96       |
| 59) Diethylphthalate           | 10.09 | 149  | 920566   | 43.60 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.19 | 204  | 361344   | 47.50 | ng    | 94       |
| 61) 4-Nitroaniline             | 10.24 | 138  | 172840   | 37.49 | ng #  | 67       |
| 62) Azobenzene                 | 10.35 | 77   | 1020547  | 44.80 | ng    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 10.26 | 198  | 98796    | 30.65 | ng #  | 12       |
| 65) n-Nitrosodiphenylamine     | 10.32 | 169  | 706751   | 44.34 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.68 | 248  | 214784   | 40.83 | ng #  | 76       |
| 67) Hexachlorobenzene          | 10.74 | 284  | 266786   | 43.40 | ng #  | 86       |
| 68) Atrazine                   | 10.86 | 200  | 226339   | 42.51 | ng    | 95       |
| 69) Pentachlorophenol          | 10.95 | 266  | 97543    | 34.33 | ng    | 98       |
| 70) Phenanthrene               | 11.15 | 178  | 1170029  | 42.26 | ng    | 100      |
| 71) Anthracene                 | 11.20 | 178  | 1059153  | 37.41 | ng    | 99       |
| 72) Carbazole                  | 11.37 | 167  | 1023438  | 42.05 | ng    | 100      |
| 73) Di-n-butylphthalate        | 11.70 | 149  | 1257282  | 42.30 | ng #  | 98       |
| 74) Fluoranthene               | 12.33 | 202  | 1035880  | 36.38 | ng    | 97       |
| 76) Benzidine                  | 12.47 | 184  | 315259   | 40.96 | ng    | 97       |
| 77) Pyrene                     | 12.56 | 202  | 1084877  | 46.93 | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.19 | 149  | 445727   | 45.59 | ng #  | 76       |
| 80) Benzo(a)anthracene         | 13.75 | 228  | 743679   | 43.88 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.71 | 252  | 445265   | 41.35 | ng    | 99       |
| 82) Chrysene                   | 13.78 | 228  | 794071   | 46.06 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.75 | 149  | 534075   | 45.41 | ng #  | 96       |
| 84) Di-n-octyl phthalate       | 14.35 | 149  | 867014   | 44.50 | ng #  | 83       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.37 | 276  | 920417   | 64.16 | ng    | 95       |
| 87) Benzo(b)fluoranthene       | 14.74 | 252  | 720213m  | 32.23 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.77 | 252  | 749898m  | 40.99 | ng    |          |
| 89) Benzo(a)pyrene             | 15.06 | 252  | 763019   | 39.59 | ng #  | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.38 | 278  | 770840   | 47.46 | ng #  | 93       |
| 91) Benzo(g,h,i)perylene       | 16.73 | 276  | 787350   | 47.71 | ng    | 94       |

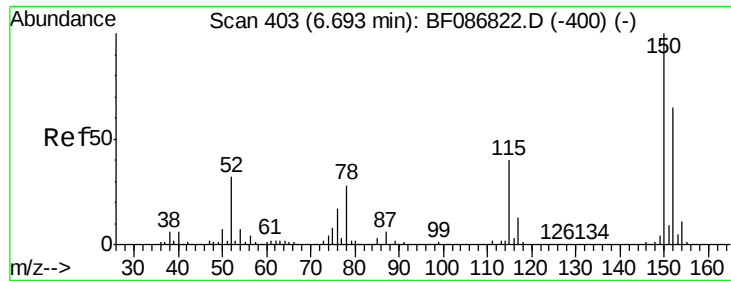
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051416\  
Data File : BF087051.D  
Acq On : 15 May 2016 6:20  
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Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :

Quant Time: May 16 06:48:26 2016  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

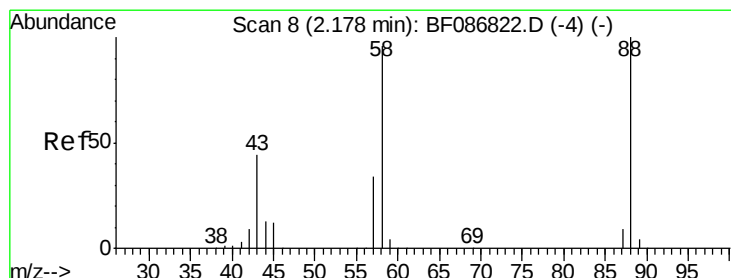
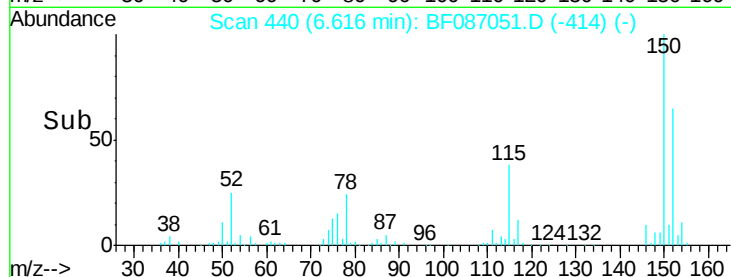
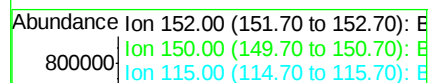
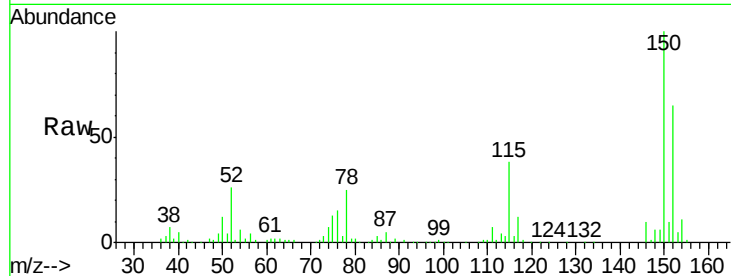
Tgt Ion:152 Resp: 155489

Ion Ratio Lower Upper

152 100

150 154.4 125.8 188.6

115 58.8 51.5 77.3



#2

1,4-Dioxane

Concen: 42.05 ng

RT: 2.04 min Scan# 40

Delta R.T. -0.01 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

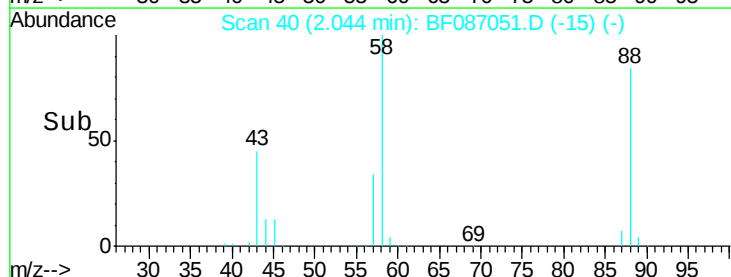
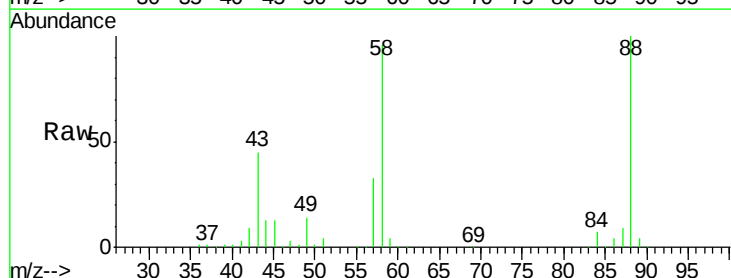
Tgt Ion: 88 Resp: 189529

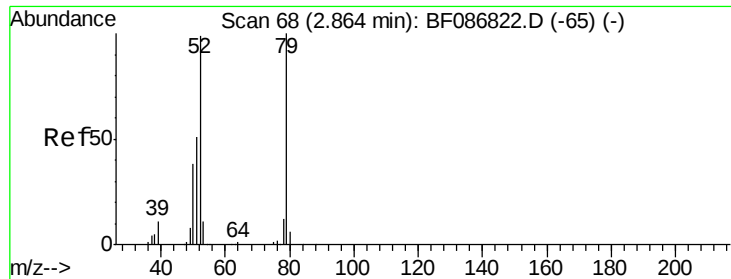
Ion Ratio Lower Upper

88 100

58 97.6 59.6 89.4#

43 45.0 21.8 32.6#





#3

Pyridine

Concen: 38.20 ng

RT: 2.70 min Scan# 97

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

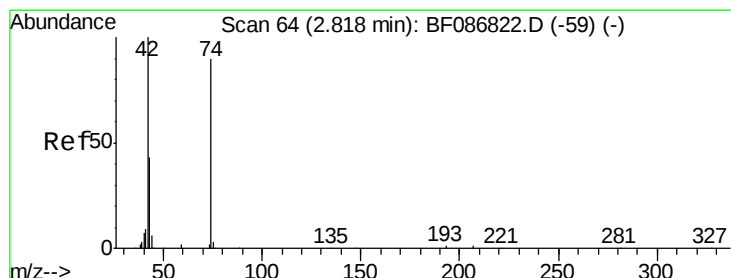
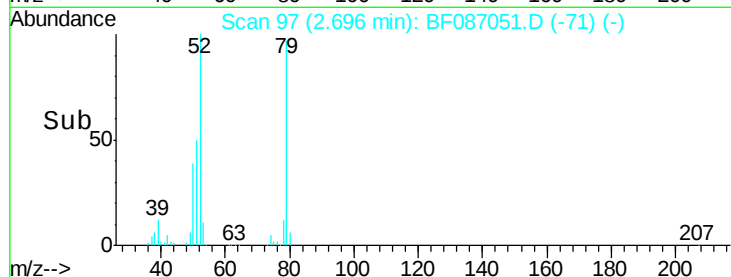
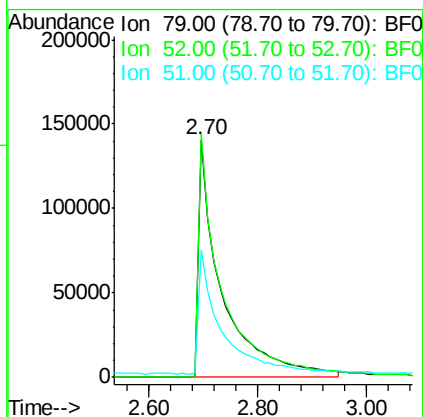
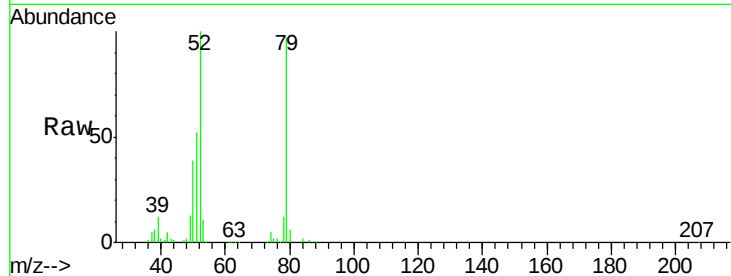
Tgt Ion: 79 Resp: 420975

Ion Ratio Lower Upper

79 100

52 102.6 55.9 83.9#

51 53.5 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 44.70 ng

RT: 2.65 min Scan# 93

Delta R.T. -0.01 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

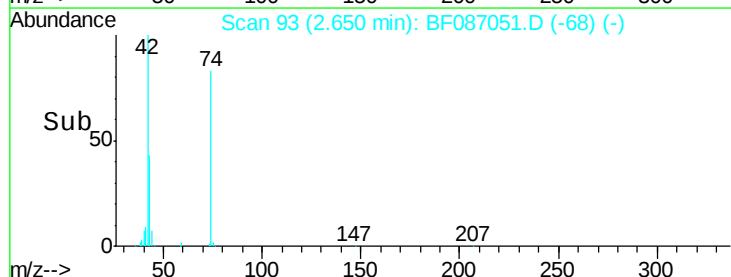
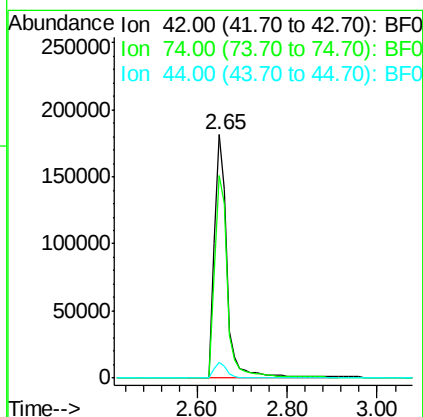
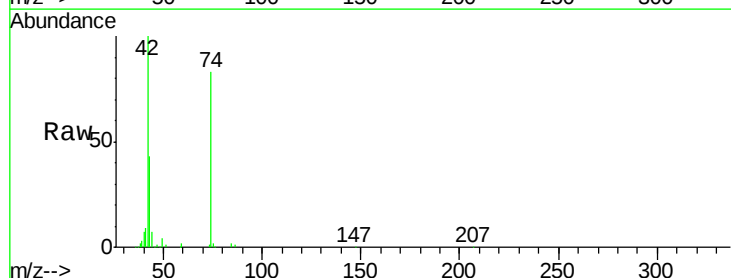
Tgt Ion: 42 Resp: 357166

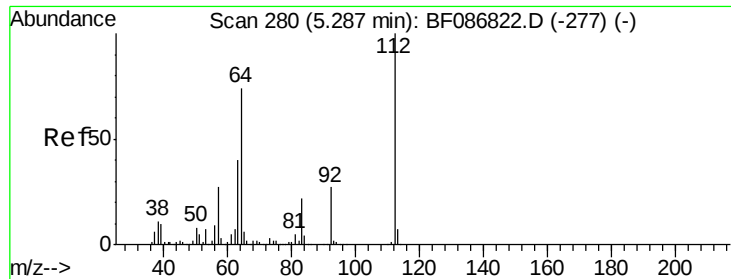
Ion Ratio Lower Upper

42 100

74 83.1 123.4 185.0#

44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 82.98 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

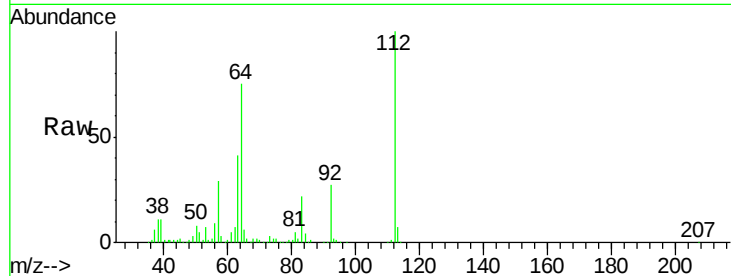
Tgt Ion: 112 Resp: 761899

Ion Ratio Lower Upper

112 100

64 75.0 52.1 78.1

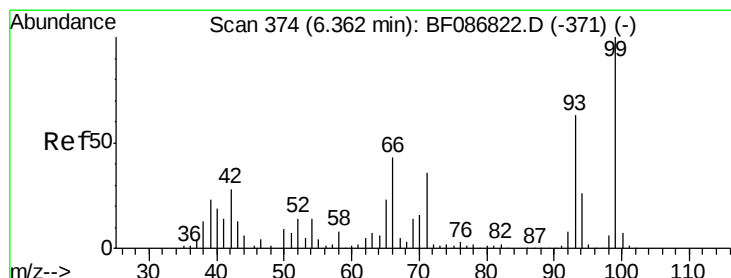
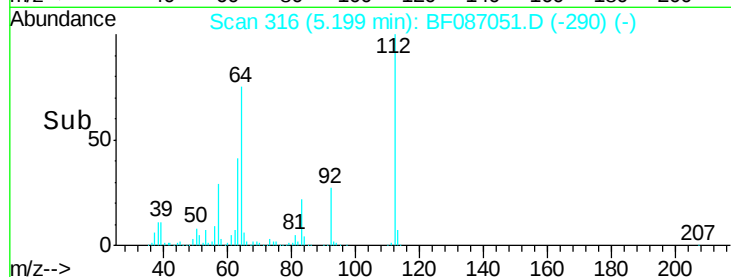
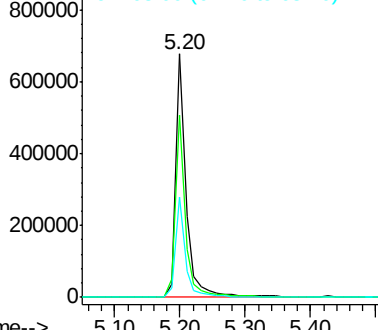
63 41.1 25.7 38.5#



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: 41.05 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

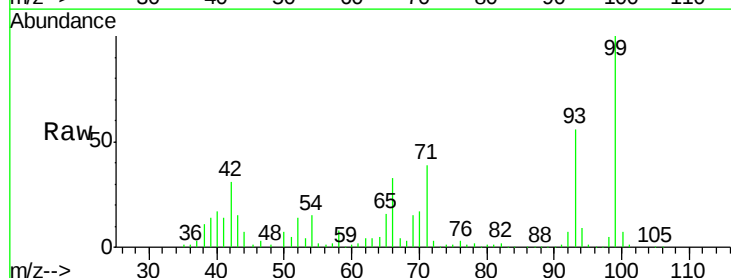
Tgt Ion: 93 Resp: 609234

Ion Ratio Lower Upper

93 100

66 58.2 39.0 58.6

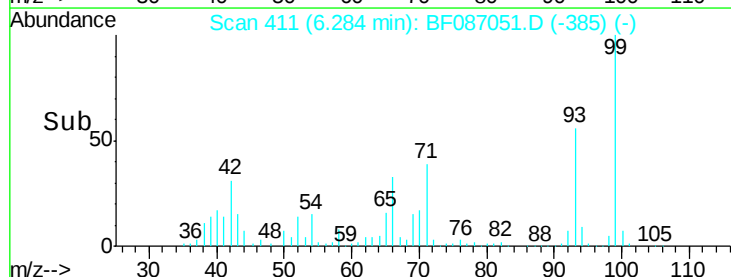
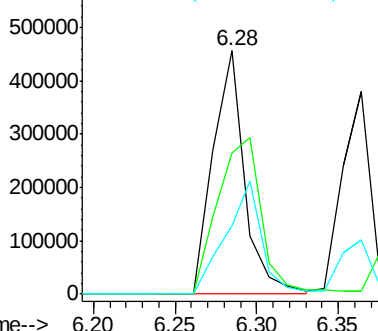
65 27.8 20.6 31.0

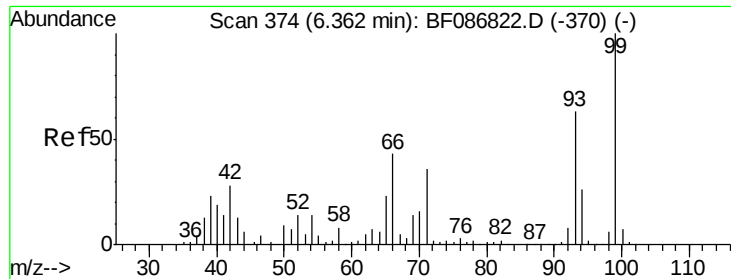


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.72 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampled :

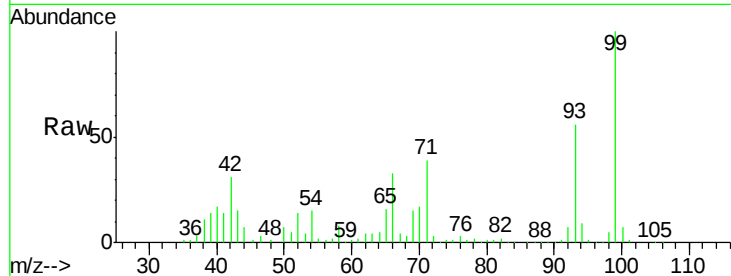
Tgt Ion: 99 Resp: 916855

Ion Ratio Lower Upper

99 100

42 31.2 13.6 20.4#

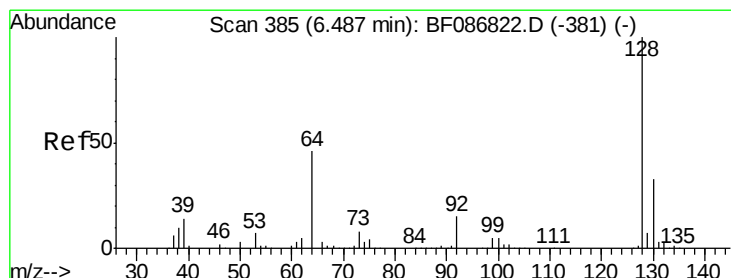
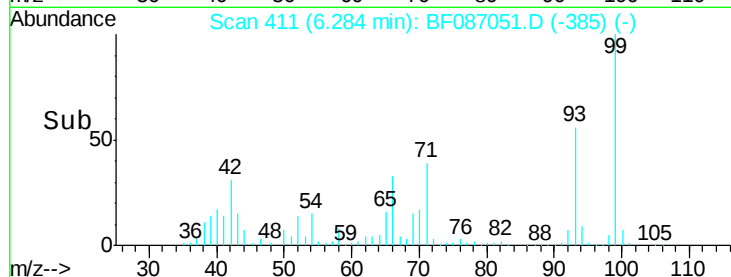
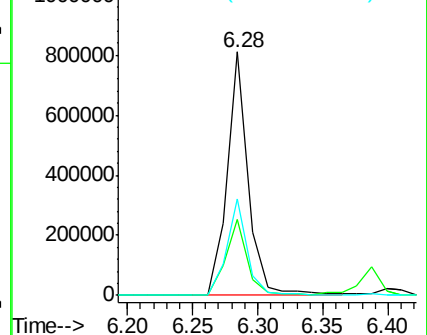
71 39.5 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.02 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

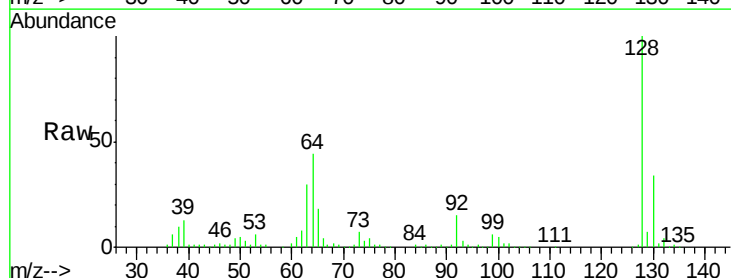
Tgt Ion: 128 Resp: 443413

Ion Ratio Lower Upper

128 100

130 33.7 12.5 52.5

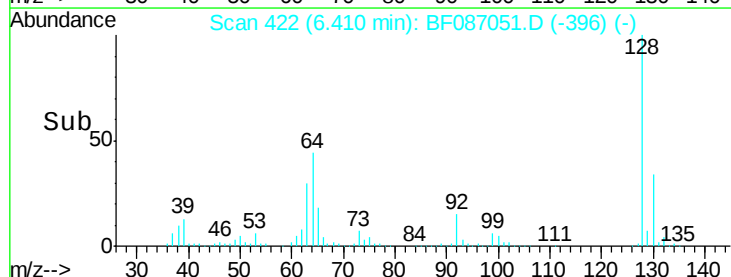
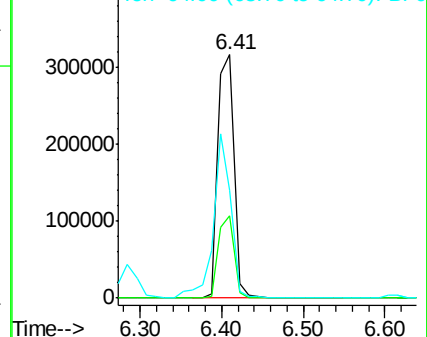
64 44.5 27.3 67.3

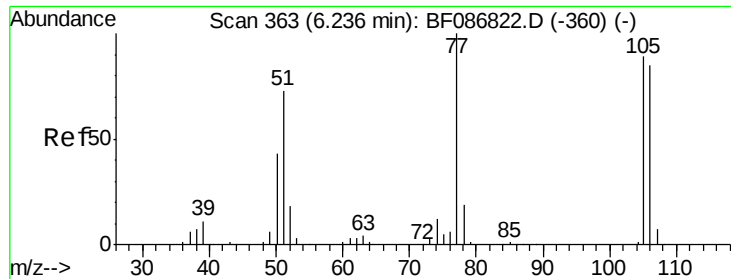


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.09 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

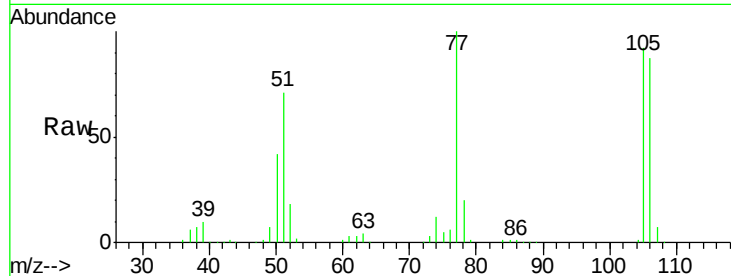
Tgt Ion: 77 Resp: 270681

Ion Ratio Lower Upper

77 100

105 91.7 72.7 112.7

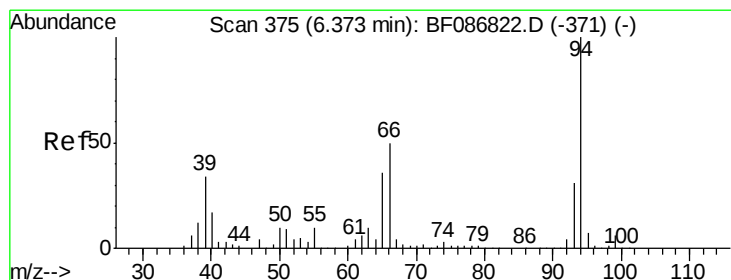
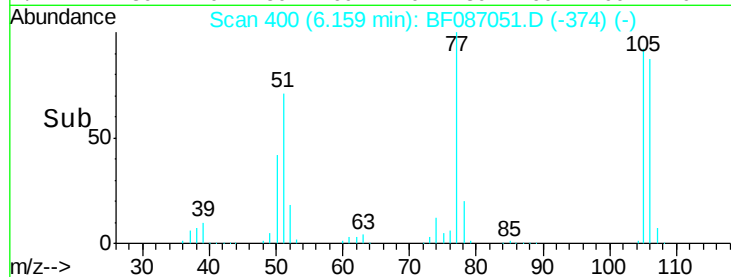
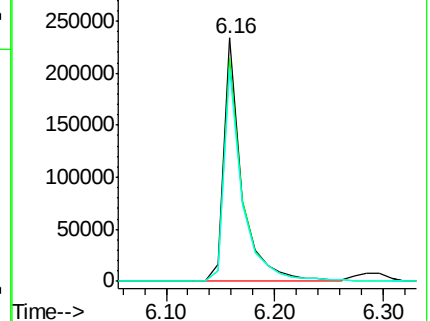
106 87.4 70.8 110.8



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: 37.67 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

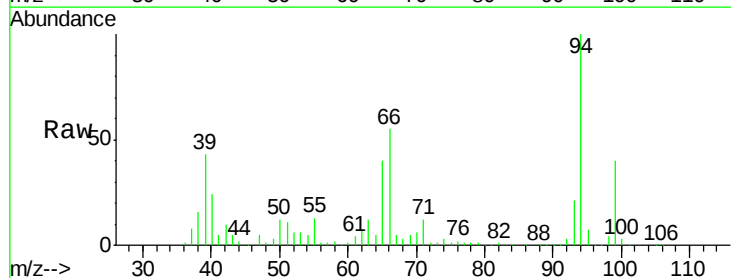
Tgt Ion: 94 Resp: 549355

Ion Ratio Lower Upper

94 100

65 40.3 7.2 47.2

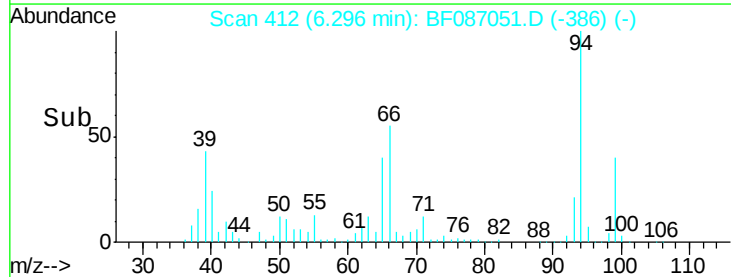
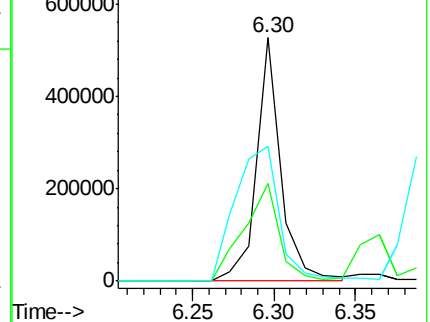
66 55.5 14.9 54.9#

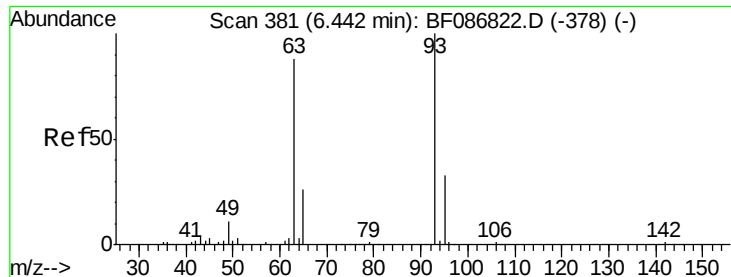


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

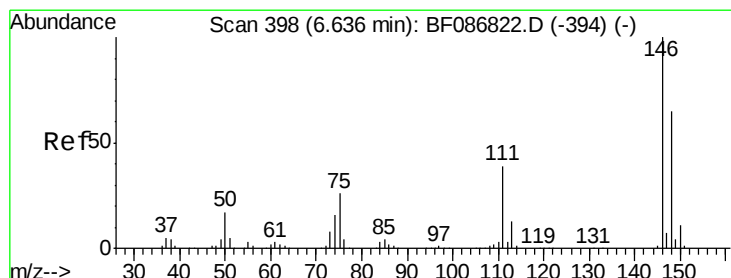
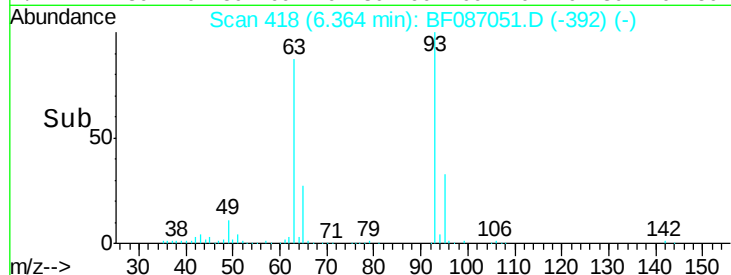
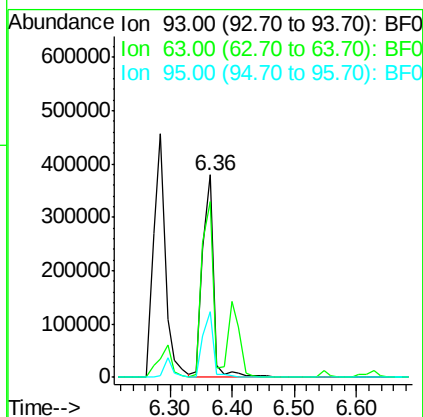
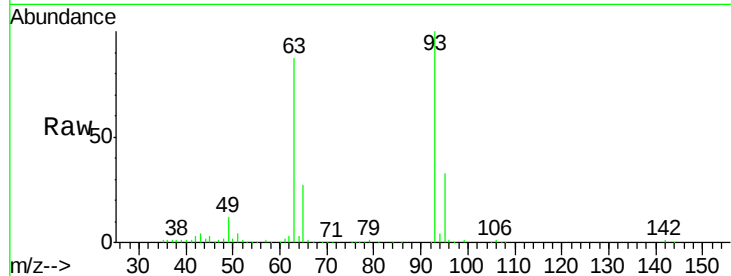




#11  
 bis(2-Chloroethyl)ether  
 Concen: 41.59 ng  
 RT: 6.36 min Scan# 418  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

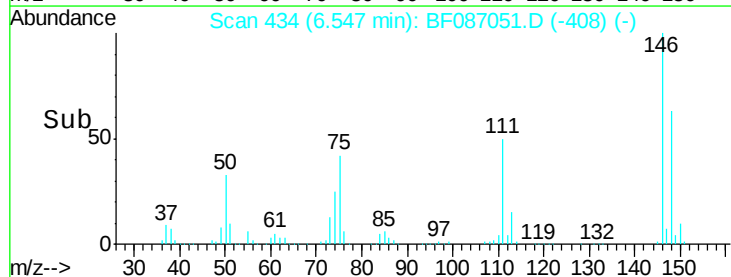
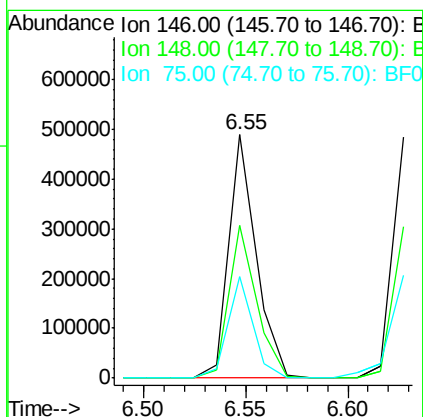
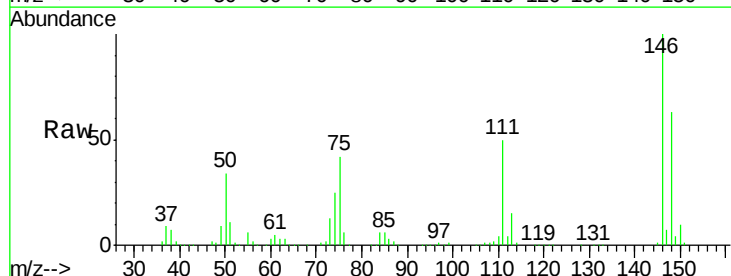
Instrument :  
 BNA\_F  
 ClientSampleId :

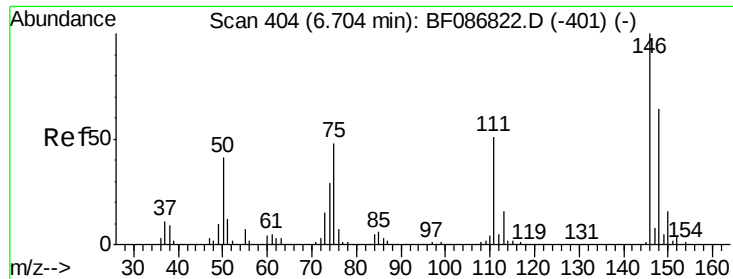
Tgt Ion: 93 Resp: 472951  
 Ion Ratio Lower Upper  
 93 100  
 63 87.0 58.0 98.0  
 95 32.7 11.9 51.9



#12  
 1,3-Dichlorobenzene  
 Concen: 37.85 ng m  
 RT: 6.55 min Scan# 434  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Tgt Ion: 146 Resp: 453832  
 Ion Ratio Lower Upper  
 146 100  
 148 62.7 52.4 78.6  
 75 41.7 22.8 34.2#

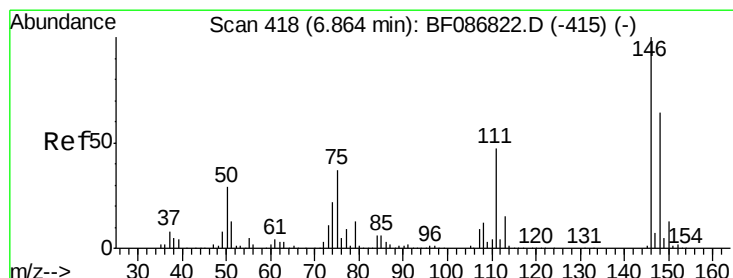
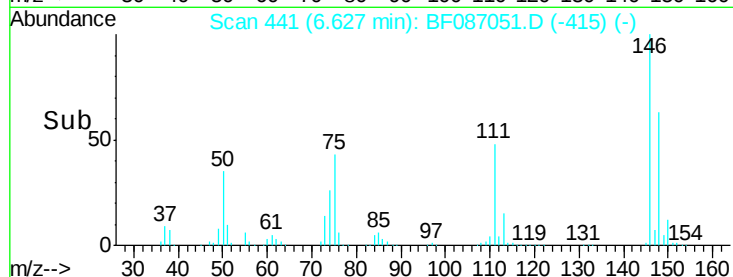
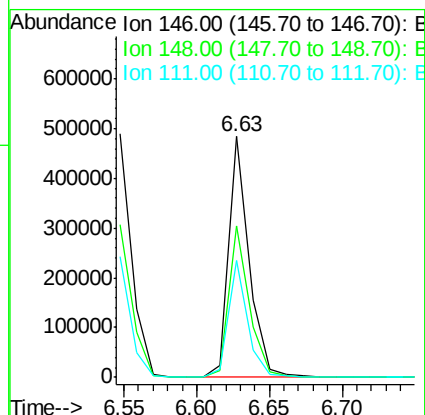
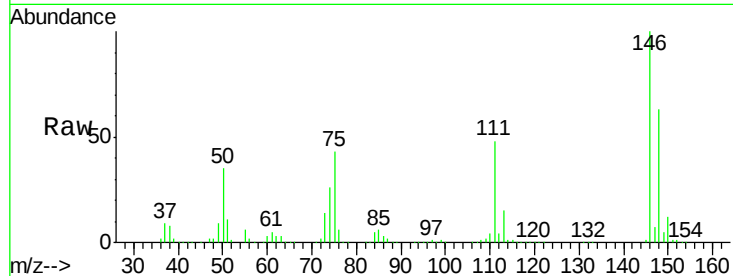




#13  
 1,4-Dichlorobenzene  
 Concen: 38.82 ng m  
 RT: 6.63 min Scan# 441  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

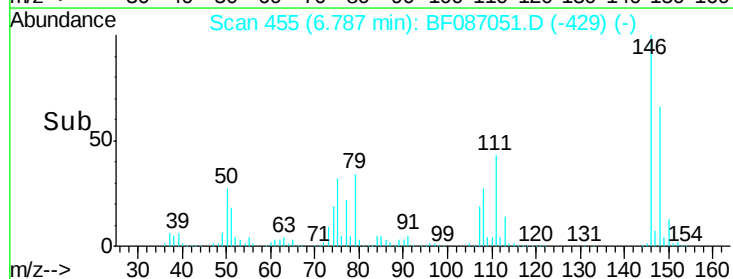
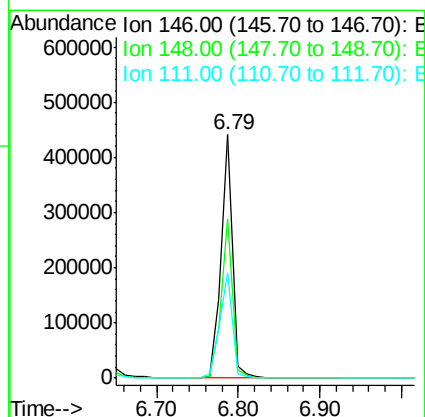
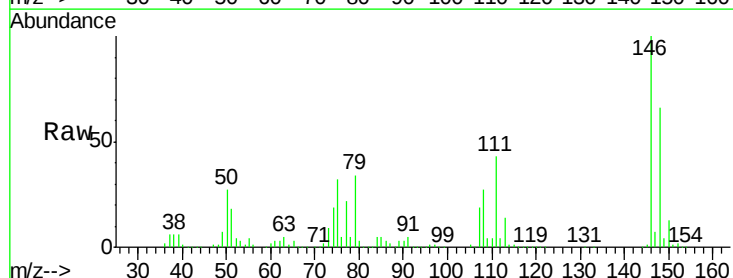
Instrument :  
 BNA\_F  
 ClientSampled :

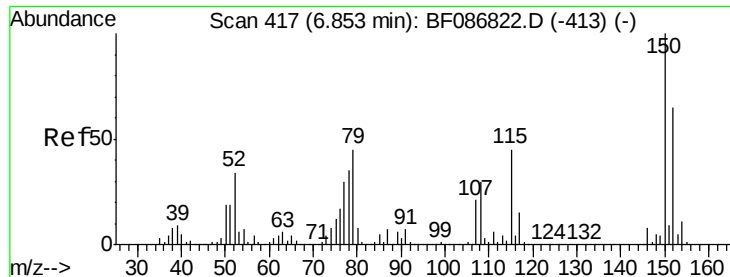
Tgt Ion:146 Resp: 474641  
 Ion Ratio Lower Upper  
 146 100  
 148 63.1 52.2 78.4  
 111 48.3 30.7 46.1#



#14  
 1,2-Dichlorobenzene  
 Concen: 39.99 ng  
 RT: 6.79 min Scan# 455  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Tgt Ion:146 Resp: 426152  
 Ion Ratio Lower Upper  
 146 100  
 148 65.6 51.0 76.6  
 111 43.5 36.2 54.4

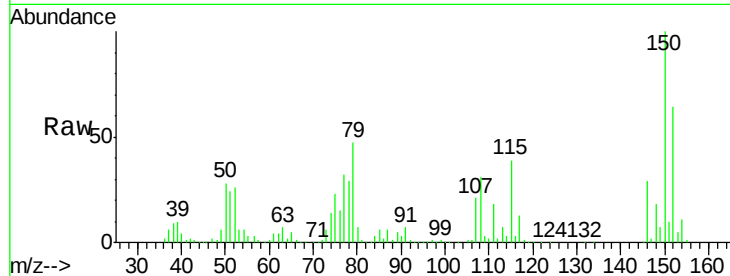




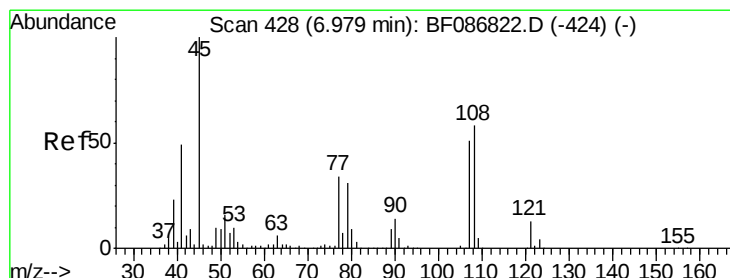
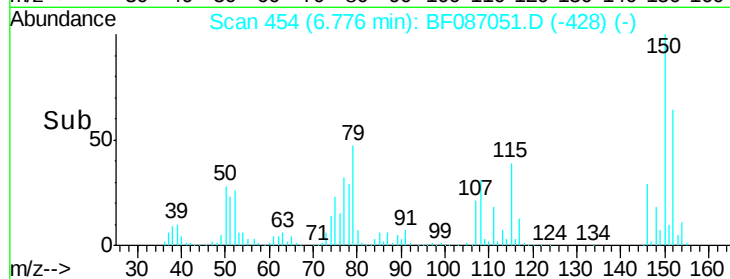
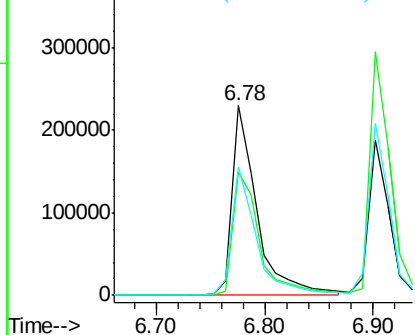
#15  
Benzyl Alcohol  
Concen: 42.54 ng  
RT: 6.78 min Scan# 454  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion: 79 Resp: 360408  
Ion Ratio Lower Upper  
79 100  
108 65.2 68.4 102.6#  
77 68.0 50.6 76.0

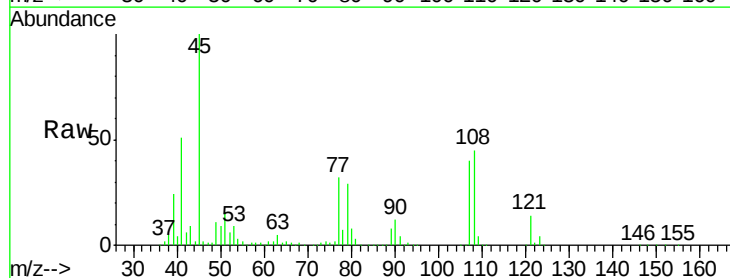


Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0

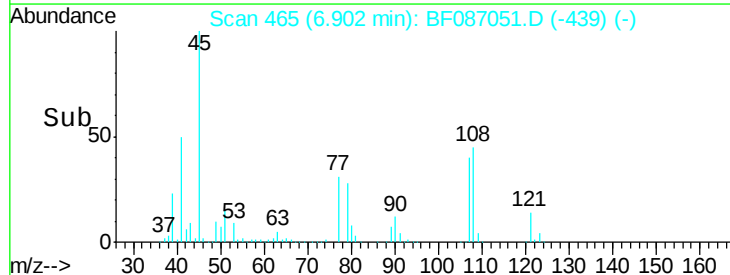
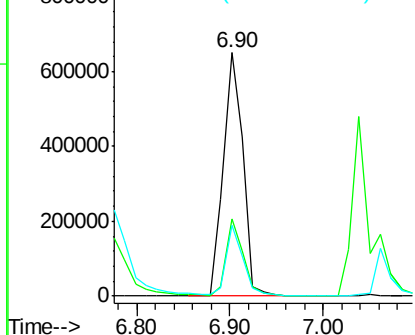


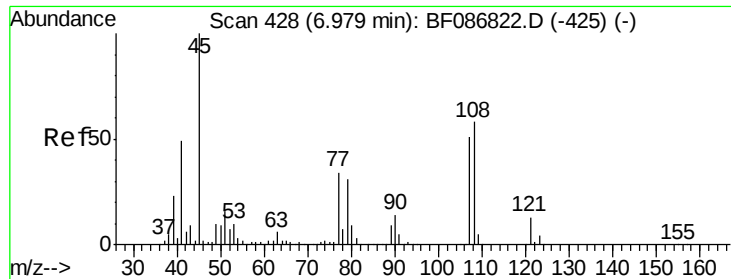
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.35 ng  
RT: 6.90 min Scan# 465  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Tgt Ion: 45 Resp: 948256  
Ion Ratio Lower Upper  
45 100  
77 31.9 0.0 36.4  
79 28.9 0.0 33.4



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





#17

2-Methylphenol

Concen: 38.28 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF087051.D

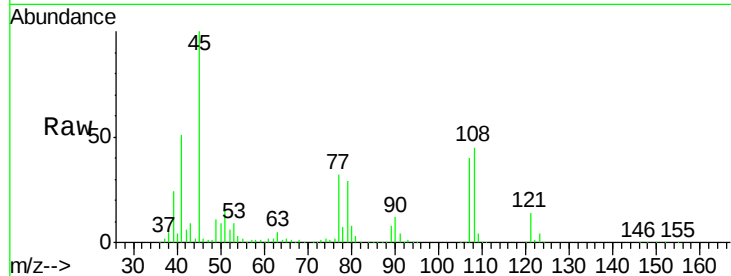
Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 337506 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 112.7 | 93.7  | 140.5  |
| 77        | 79.3  | 33.4  | 50.0#  |
| 79        | 71.8  | 34.3  | 51.5#  |

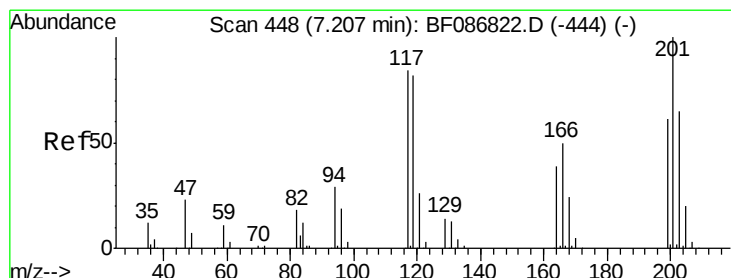
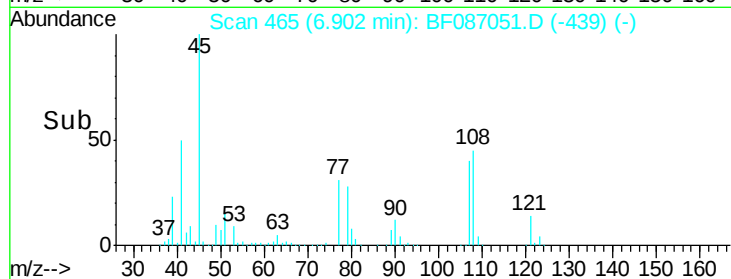
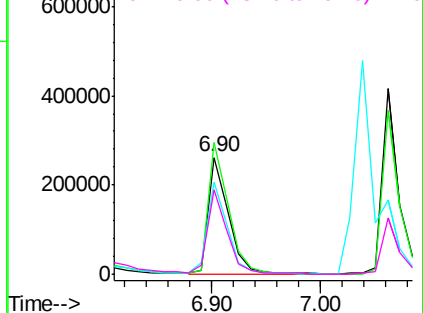


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.45 ng

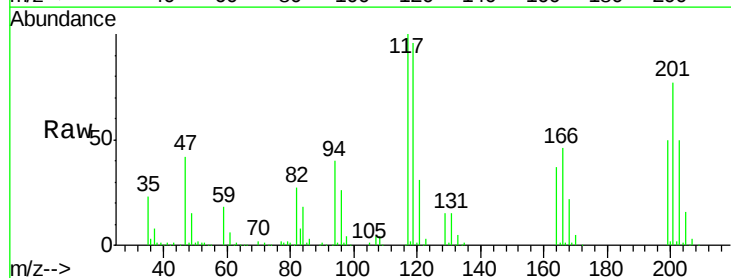
RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

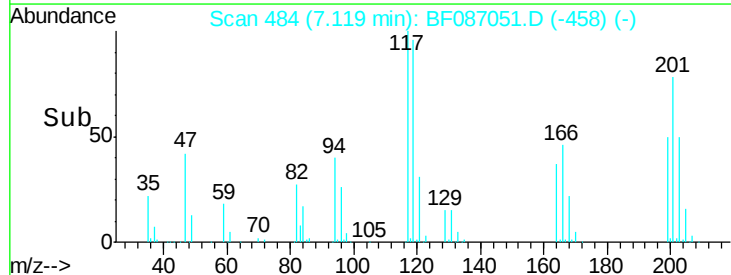
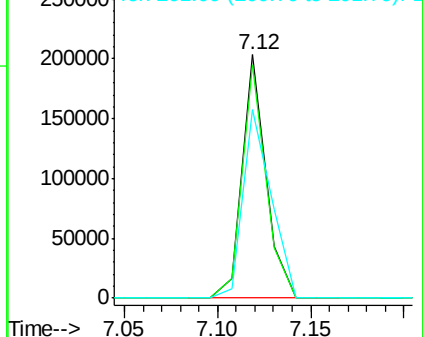
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 181459 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.1  | 76.5  | 114.7  |
| 201       | 77.5  | 63.0  | 94.6   |

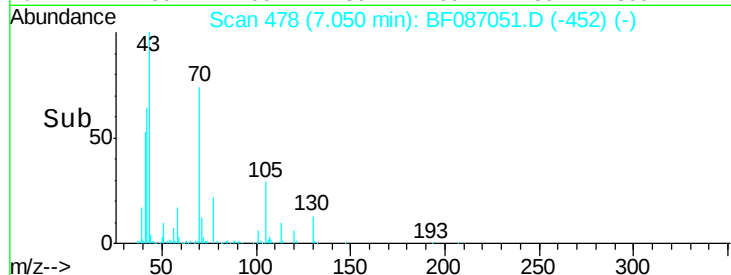
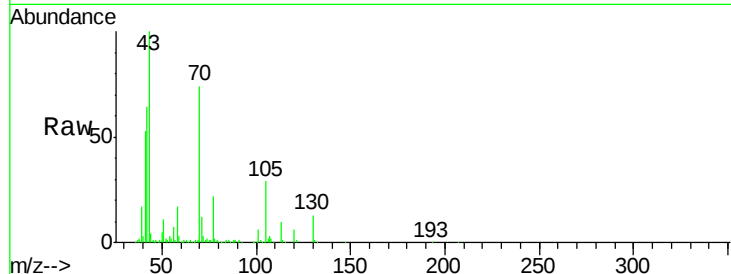
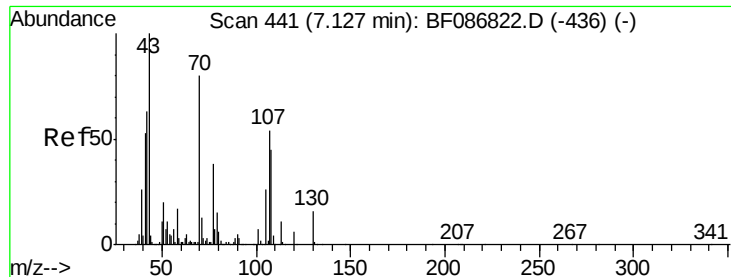


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

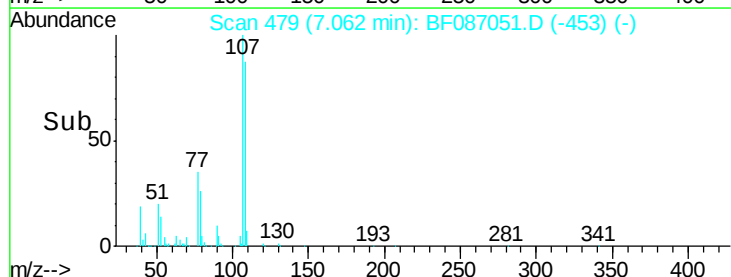
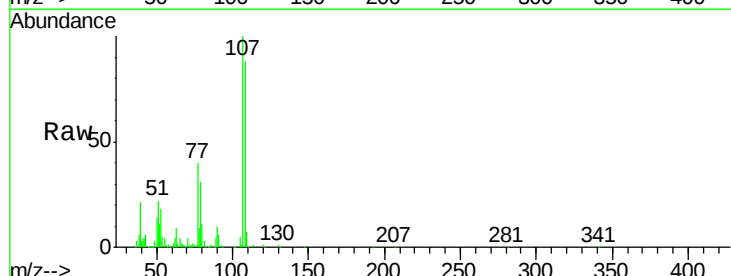
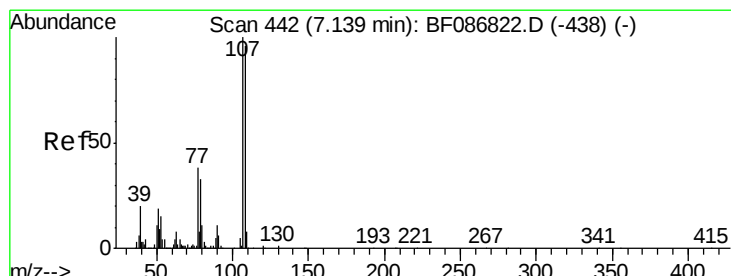
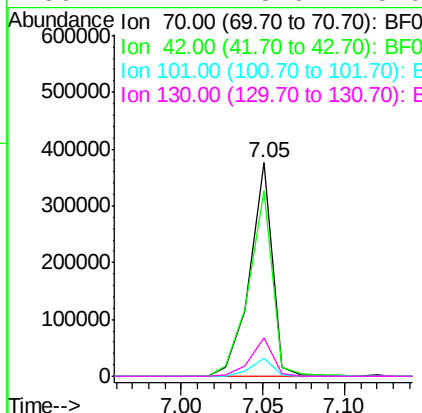




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.22 ng  
RT: 7.05 min Scan# 478  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

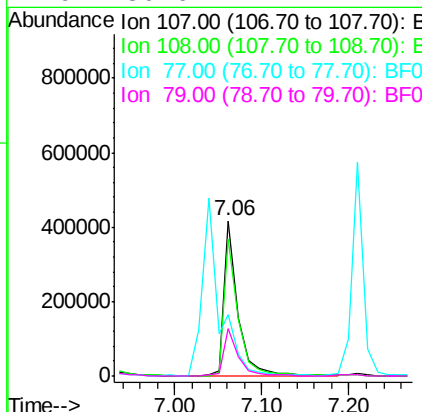
Instrument :  
BNA\_F  
ClientSampleId :

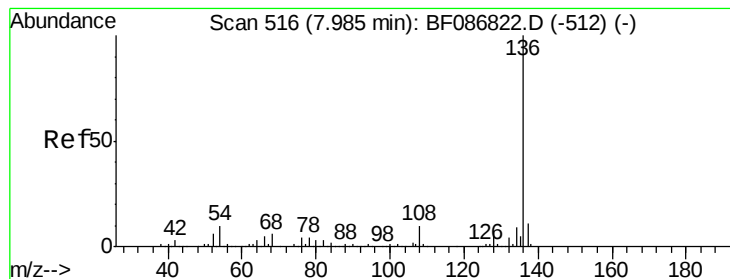
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 86.9  | 43.1  | 64.7# |
| 101     | 8.7   | 8.1   | 12.1  |
| 130     | 17.7  | 18.6  | 28.0# |



#20  
3+4-Methylphenols  
Concen: 40.42 ng  
RT: 7.06 min Scan# 479  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 88.4  | 68.5  | 108.5  |
| 77      | 39.9  | 101.6 | 141.6# |
| 79      | 30.6  | 7.4   | 47.4   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:136 Resp: 640001

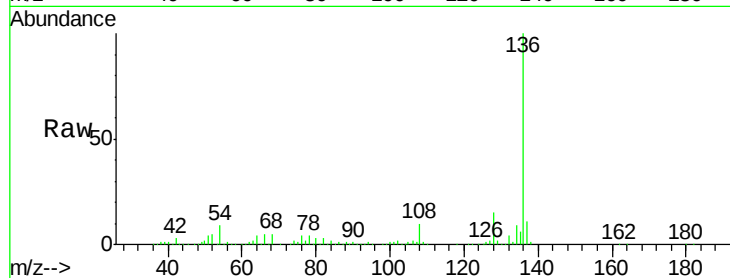
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.5 5.0 7.4#

68 4.7 4.4 6.6

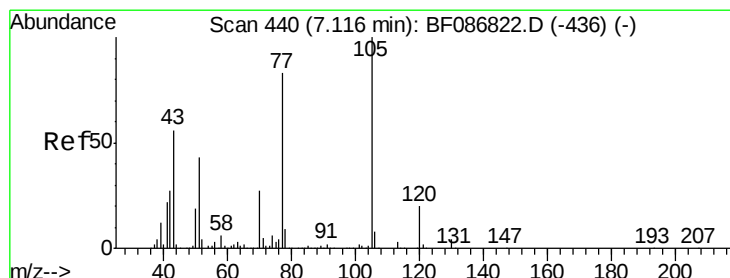
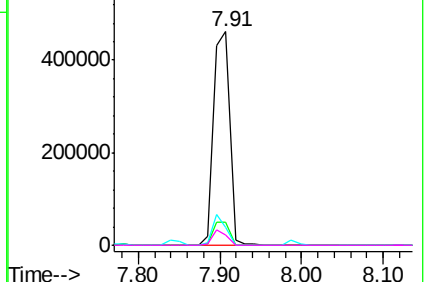
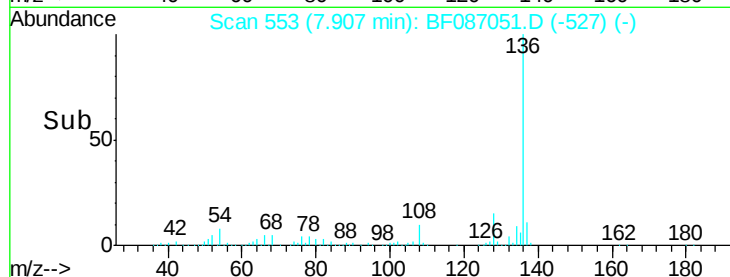


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.69 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Tgt Ion:105 Resp: 615038

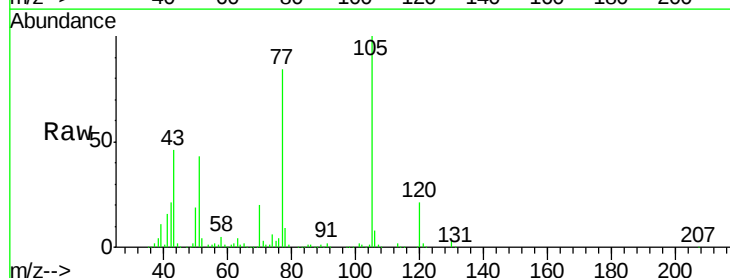
Ion Ratio Lower Upper

105 100

71 3.3 4.8 7.2#

51 42.5 32.6 49.0

120 20.7 16.5 24.7

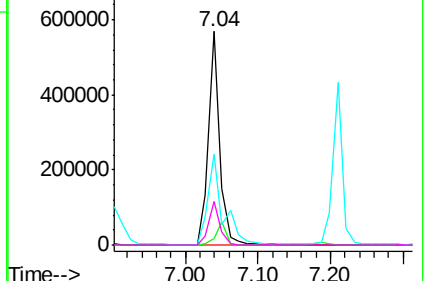
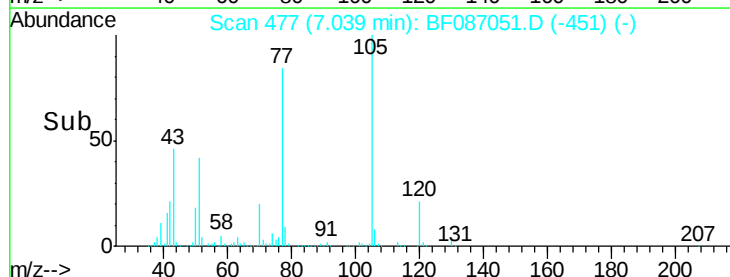


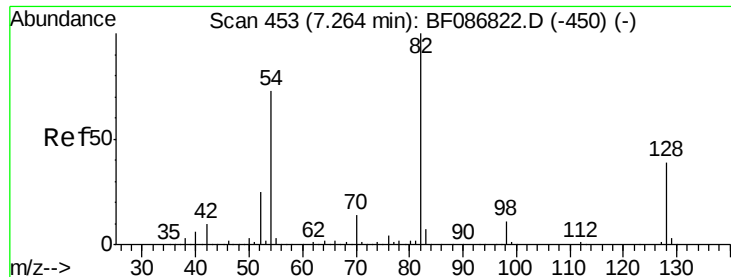
Abundance Ion 105.00 (104.70 to 105.70): E

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

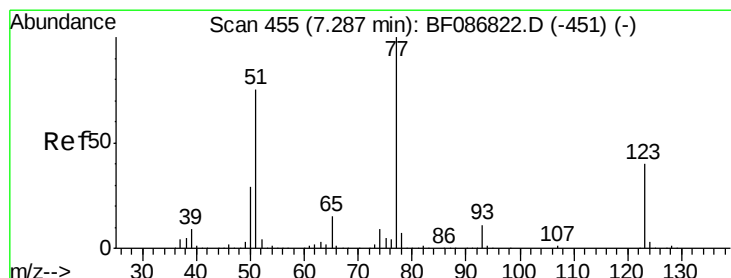
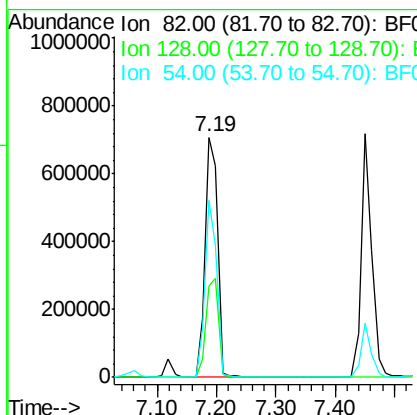
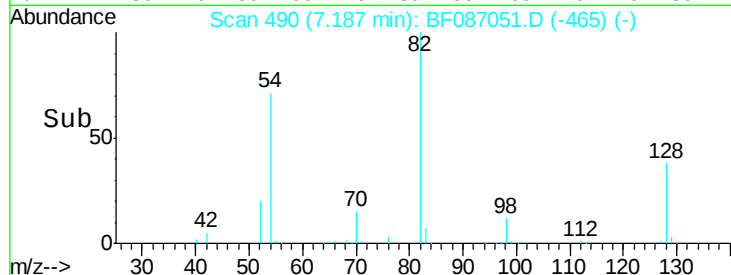
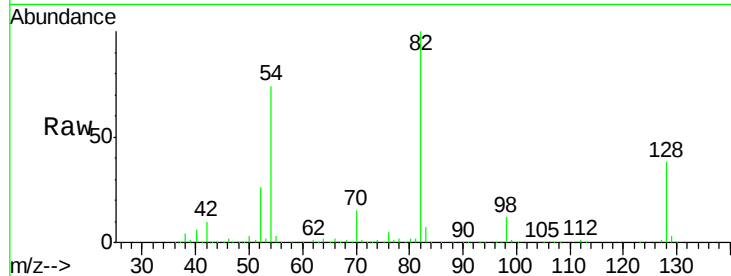




#23  
 Nitrobenzene-d5  
 Concen: 83.52 ng  
 RT: 7.19 min Scan# 490  
 Delta R.T. -0.01 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

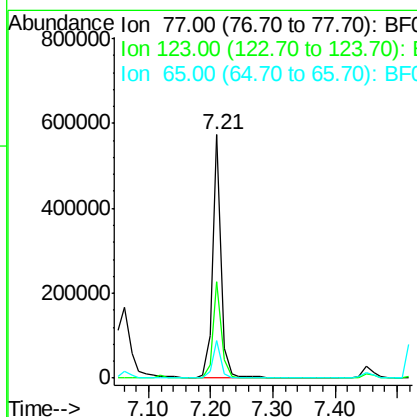
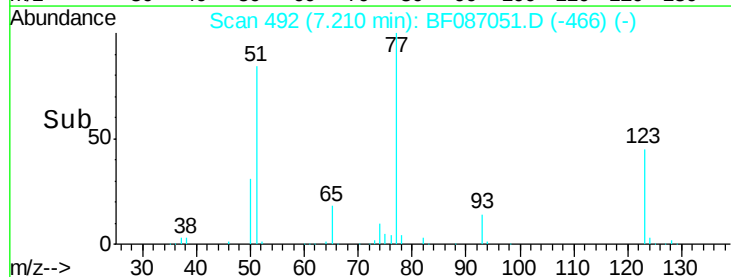
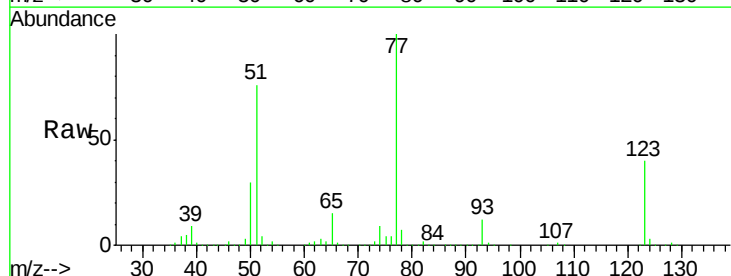
Instrument :  
 BNA\_F  
 ClientSampled :

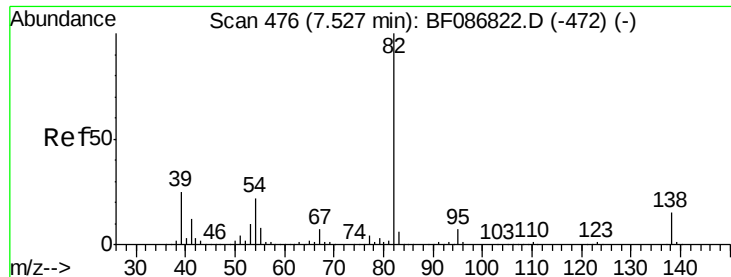
Tgt Ion: 82 Resp: 1064539  
 Ion Ratio Lower Upper  
 82 100  
 128 37.9 40.6 61.0#  
 54 73.8 38.1 57.1#



#24  
 Nitrobenzene  
 Concen: 40.65 ng  
 RT: 7.21 min Scan# 492  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Tgt Ion: 77 Resp: 532975  
 Ion Ratio Lower Upper  
 77 100  
 123 39.9 33.0 49.4  
 65 15.4 10.8 16.2





#25

Isophorone

Concen: 37.49 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampled :

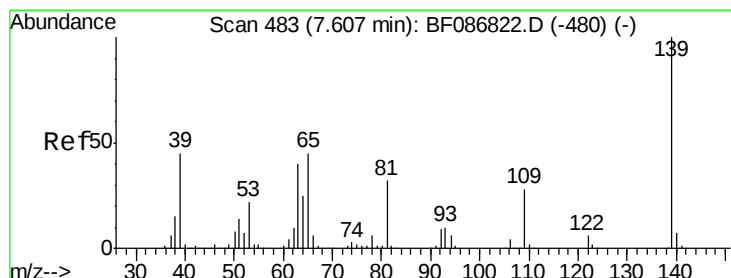
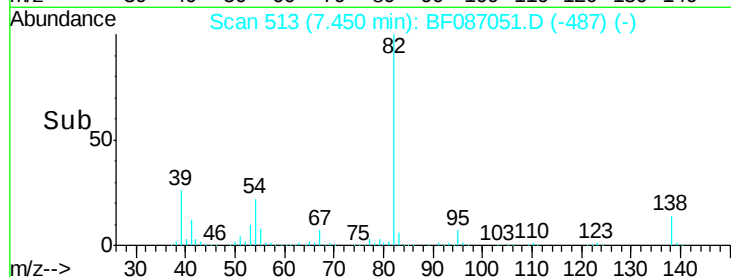
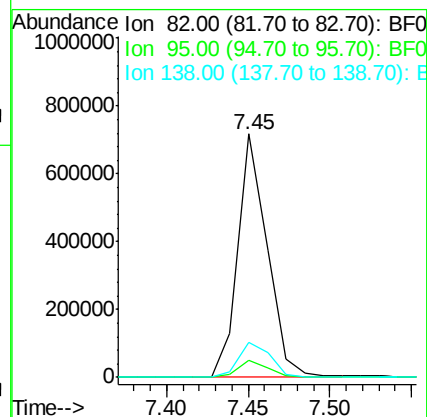
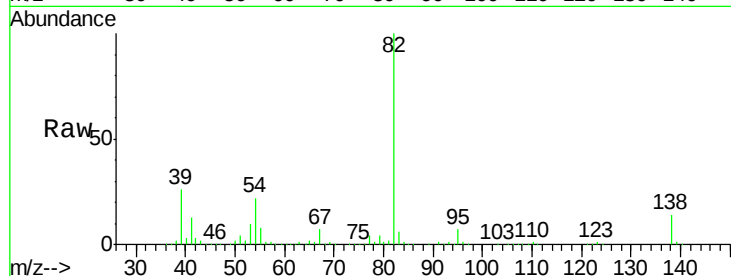
Tgt Ion: 82 Resp: 886525

Ion Ratio Lower Upper

82 100

95 7.1 5.1 7.7

138 14.3 12.4 18.6



#26

2-Nitrophenol

Concen: 41.56 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

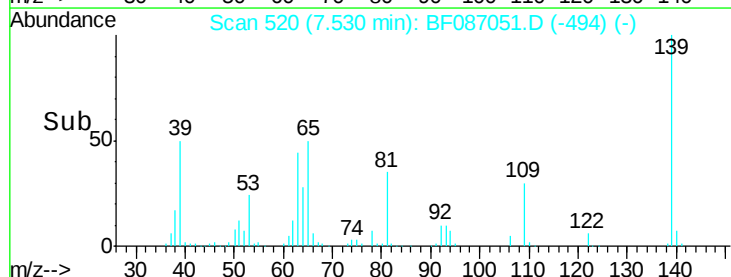
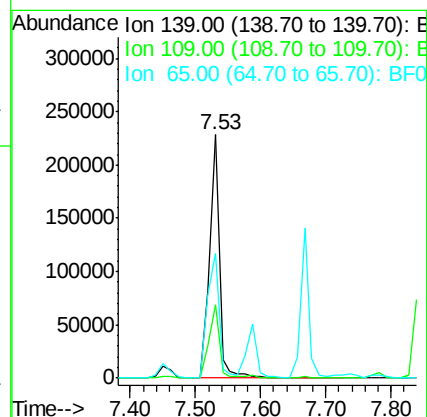
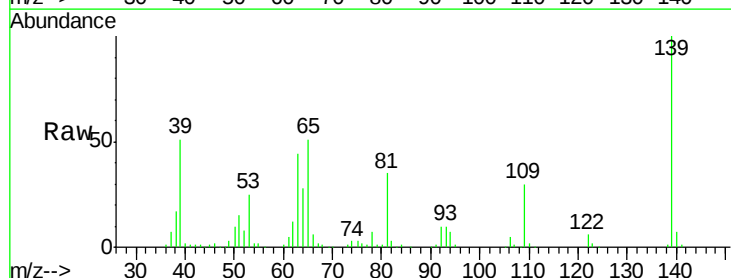
Tgt Ion: 139 Resp: 239539

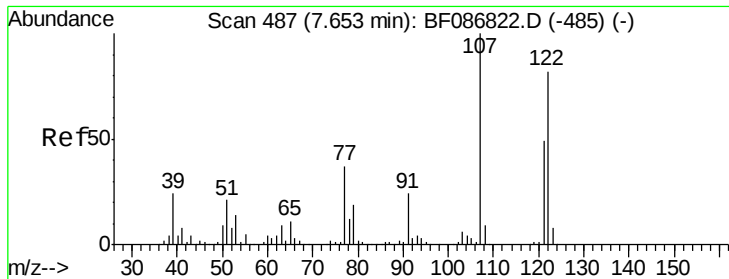
Ion Ratio Lower Upper

139 100

109 30.2 19.5 29.3#

65 51.0 37.5 56.3

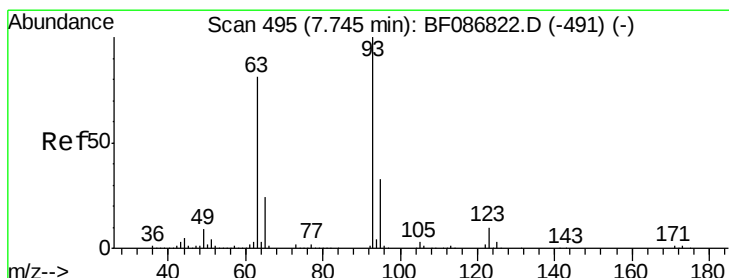
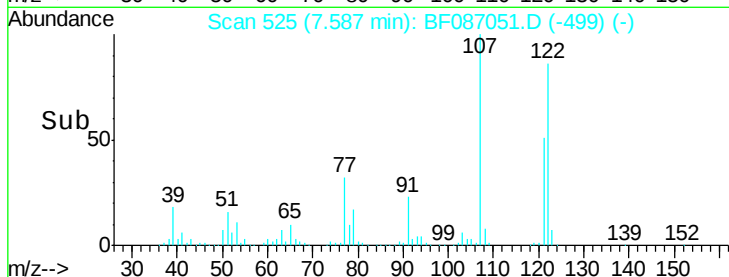
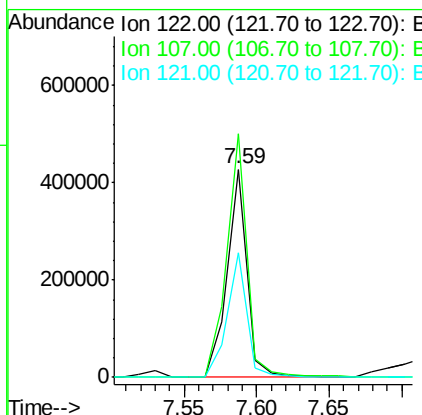
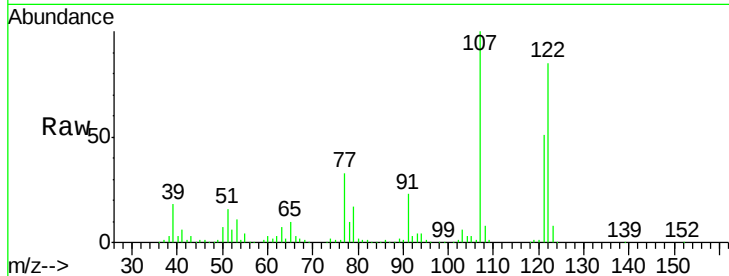




#27  
 2,4-Dimethylphenol  
 Concen: 41.43 ng  
 RT: 7.59 min Scan# 525  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

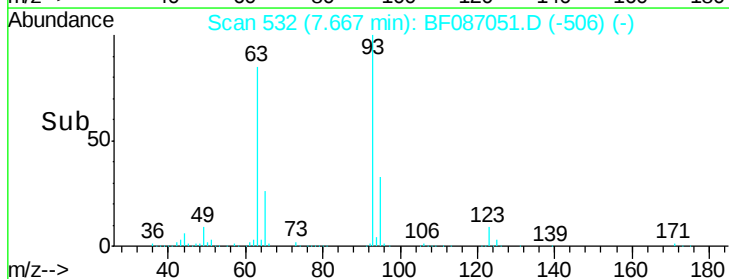
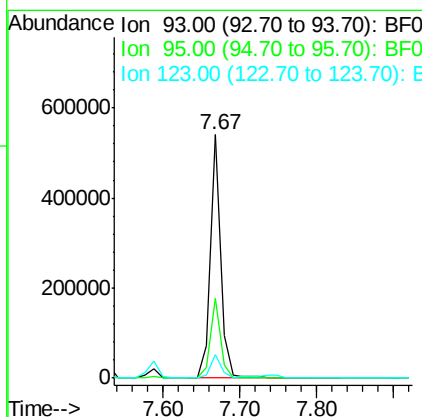
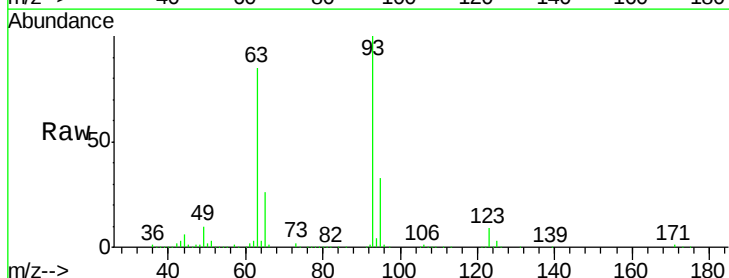
Instrument :  
 BNA\_F  
 ClientSampleId :

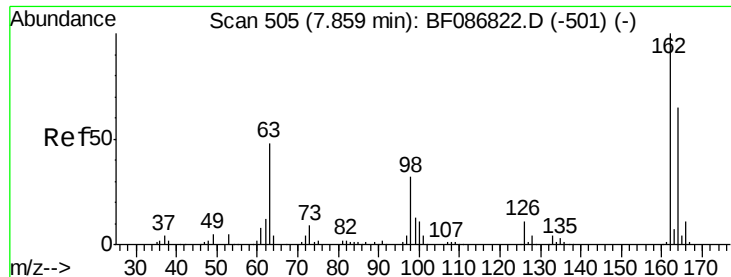
Tgt Ion: 122 Resp: 406755  
 Ion Ratio Lower Upper  
 122 100  
 107 117.0 82.0 123.0  
 121 59.8 46.1 69.1



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.32 ng  
 RT: 7.67 min Scan# 532  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Tgt Ion: 93 Resp: 501542  
 Ion Ratio Lower Upper  
 93 100  
 95 32.9 26.0 39.0  
 123 9.4 9.5 14.3#

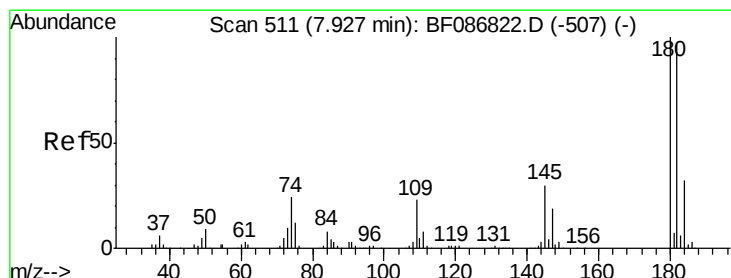
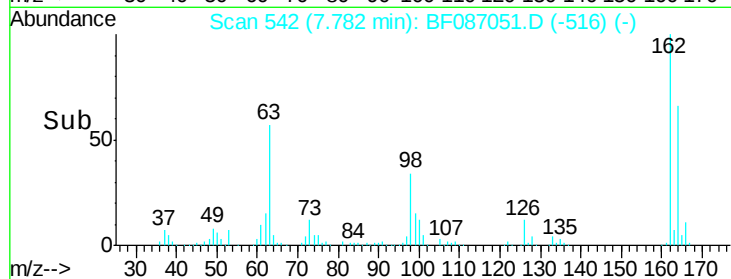
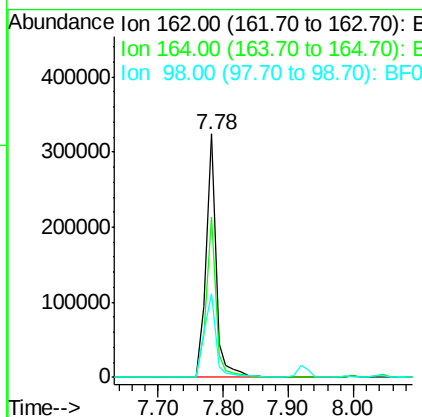
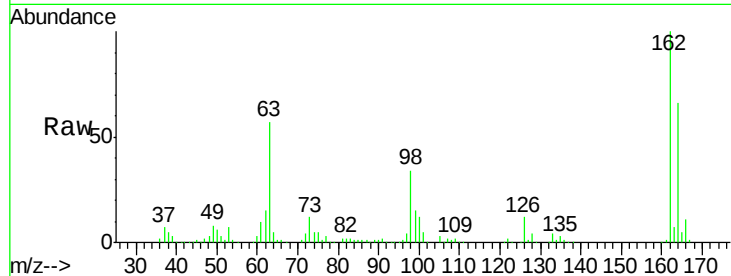




#29  
 2,4-Dichlorophenol  
 Concen: 40.11 ng  
 RT: 7.78 min Scan# 542  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

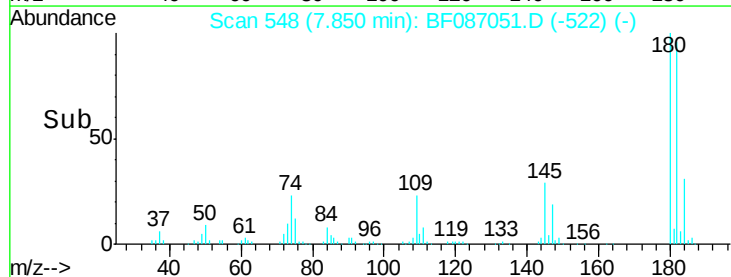
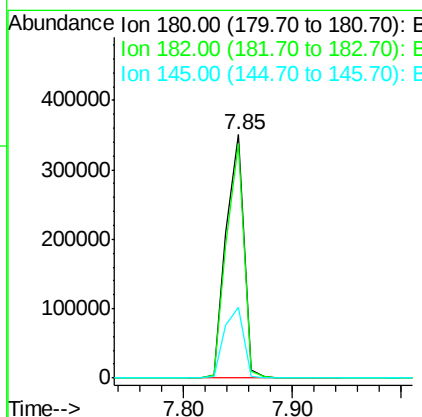
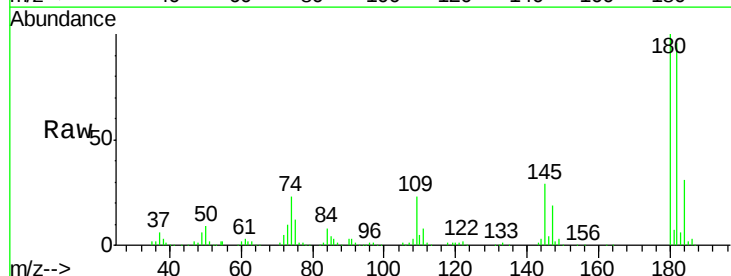
Instrument :  
 BNA\_F  
 ClientSampleId :

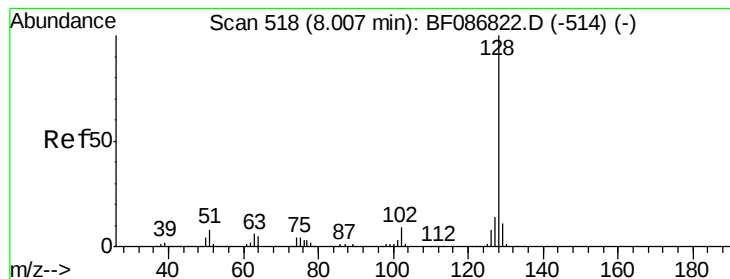
Tgt Ion:162 Resp: 346573  
 Ion Ratio Lower Upper  
 162 100  
 164 66.1 42.2 82.2  
 98 34.4 19.0 59.0



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.20 ng  
 RT: 7.85 min Scan# 548  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Tgt Ion:180 Resp: 398103  
 Ion Ratio Lower Upper  
 180 100  
 182 96.2 78.0 117.0  
 145 29.1 24.2 36.2





#31

Naphthalene

Concen: 38.01 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

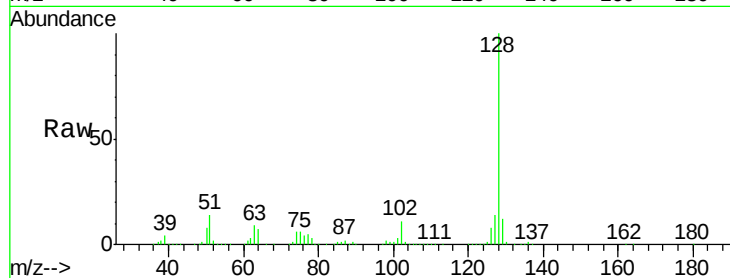
Tgt Ion:128 Resp: 1218547

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

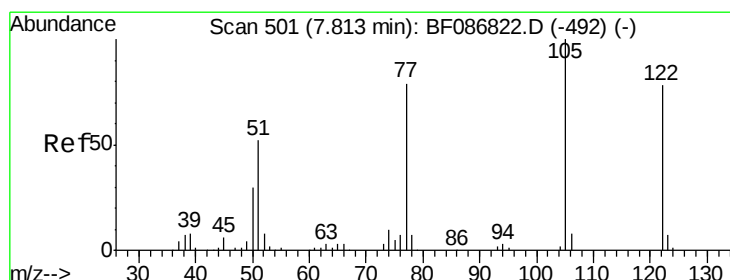
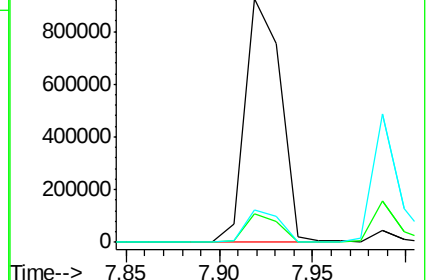
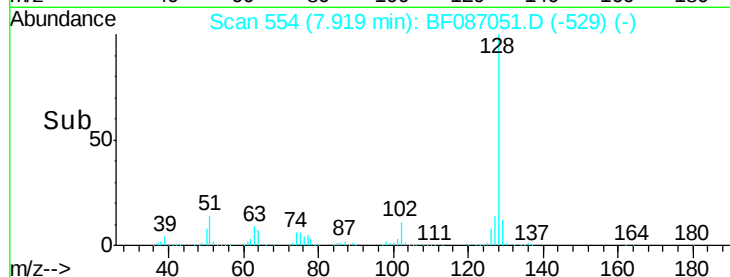
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.41 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.01 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

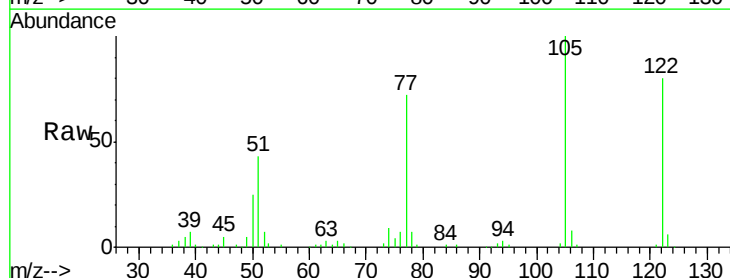
Tgt Ion:122 Resp: 198440

Ion Ratio Lower Upper

122 100

105 124.9 92.6 132.6

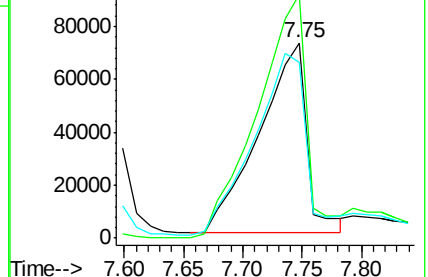
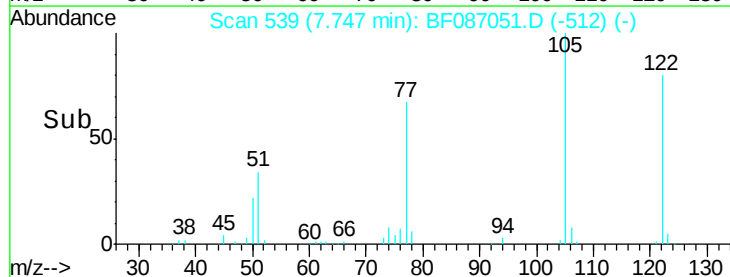
77 90.3 60.0 100.0

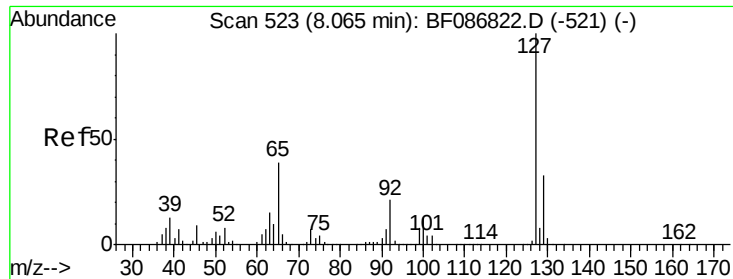


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

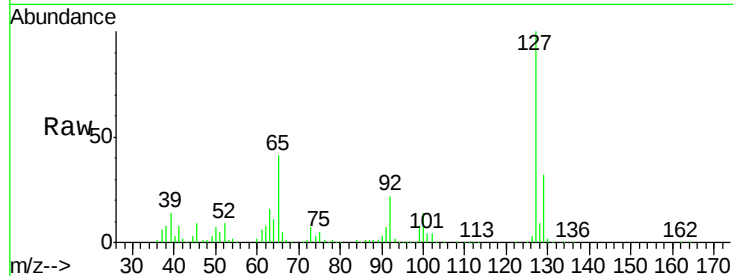




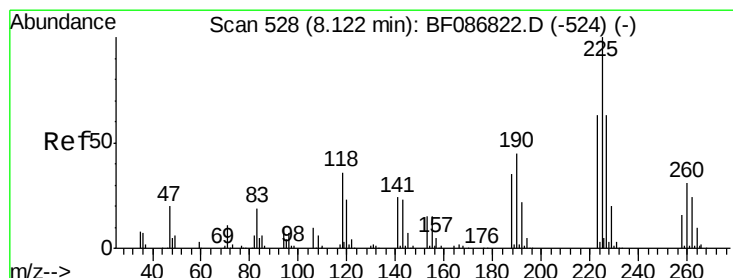
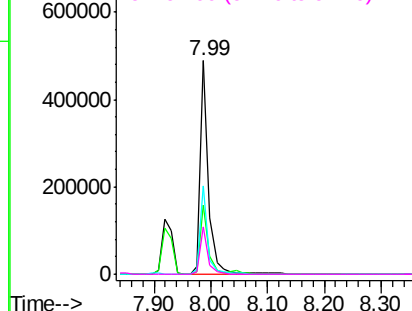
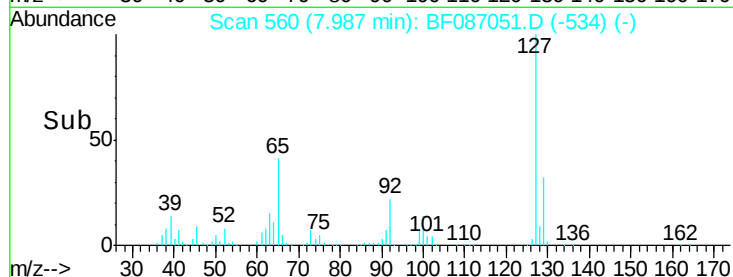
#33  
4-Chloroaniline  
Concen: 38.78 ng  
RT: 7.99 min Scan# 560  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 483012 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 26.2  | 39.4   |
| 65       | 41.2  | 23.0  | 34.4   |
| 92       | 22.2  | 15.1  | 22.7   |

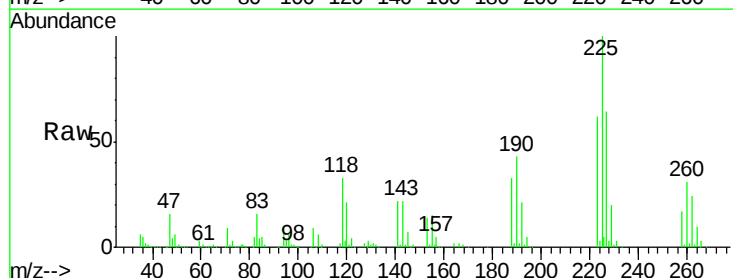


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

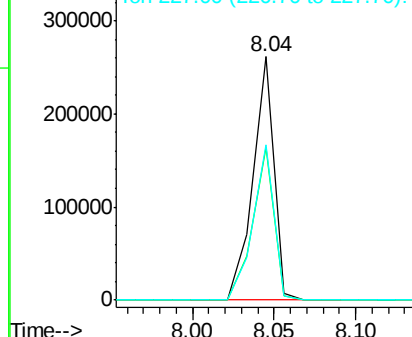
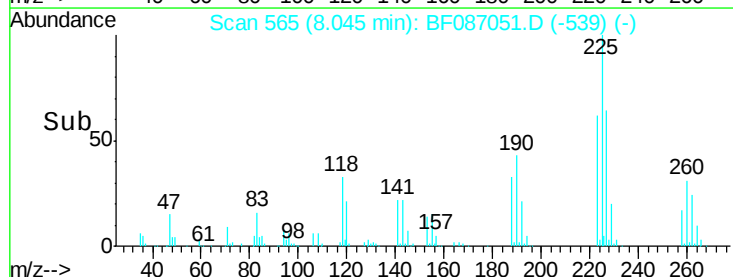


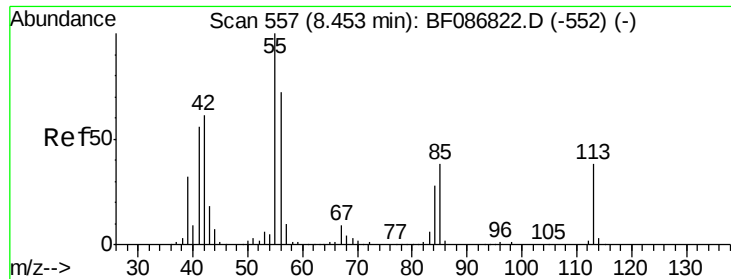
#34  
Hexachlorobutadiene  
Concen: 41.76 ng  
RT: 8.04 min Scan# 565  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 234093 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 51.5  | 77.3   |
| 227      | 63.7  | 52.2  | 78.2   |



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

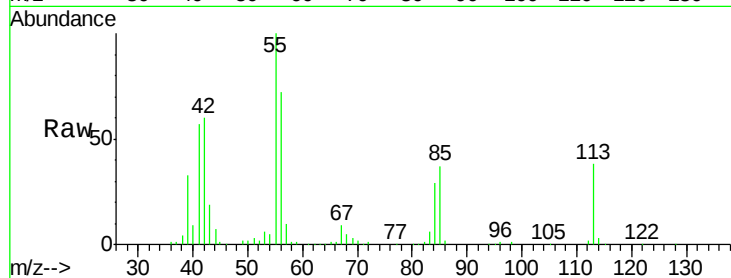




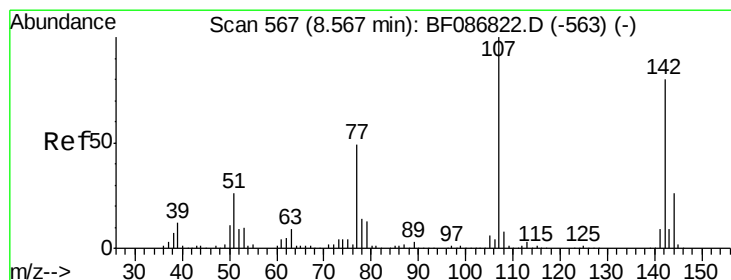
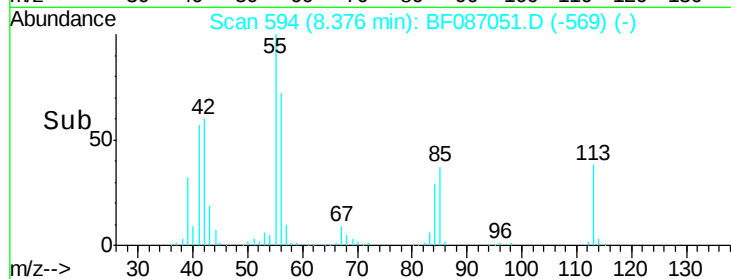
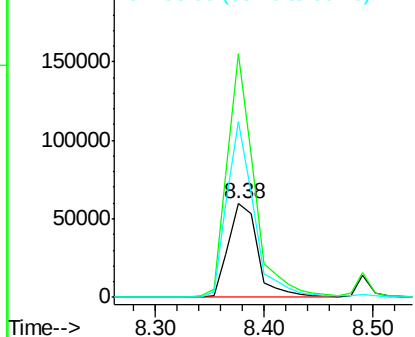
#35  
 Caprolactam  
 Concen: 38.19 ng  
 RT: 8.38 min Scan# 594  
 Delta R.T. -0.01 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :

Tgt Ion:113 Resp: 112270  
 Ion Ratio Lower Upper  
 113 100  
 55 259.8 162.0 202.0#  
 56 187.6 115.3 155.3#

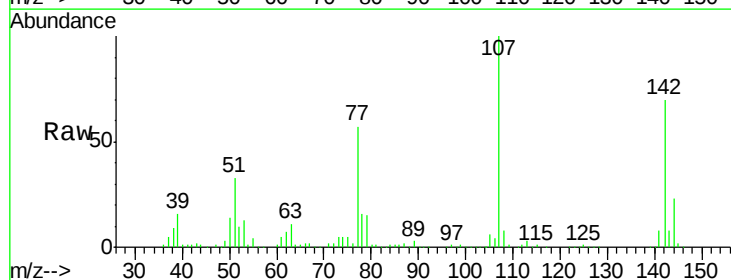


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

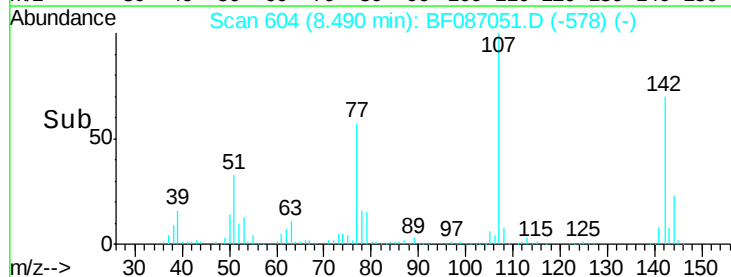
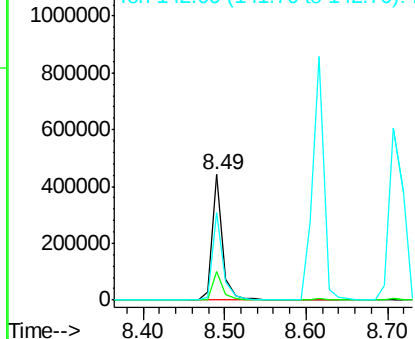


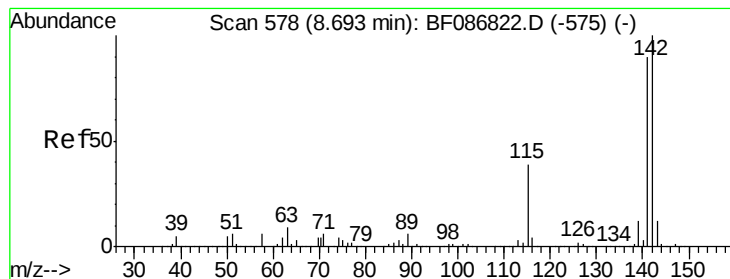
#36  
 4-Chloro-3-methylphenol  
 Concen: 38.26 ng  
 RT: 8.49 min Scan# 604  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Tgt Ion:107 Resp: 400960  
 Ion Ratio Lower Upper  
 107 100  
 144 22.8 20.7 31.1  
 142 69.8 63.2 94.8



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

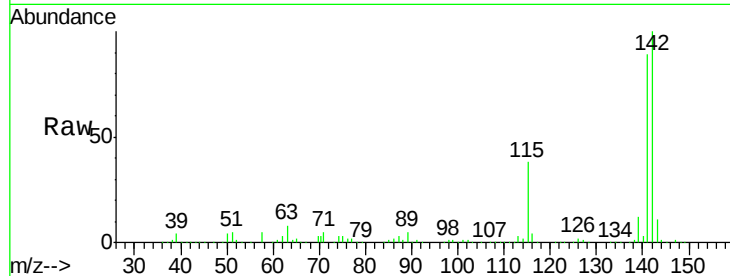




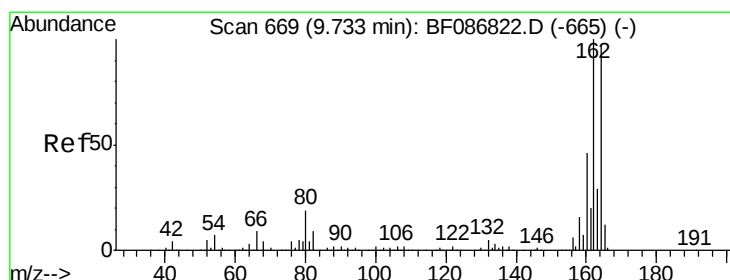
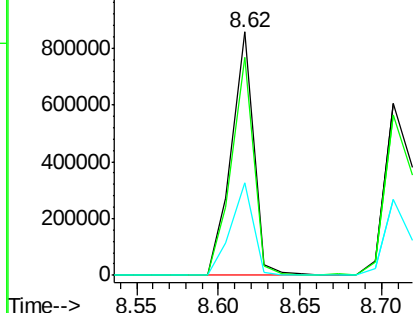
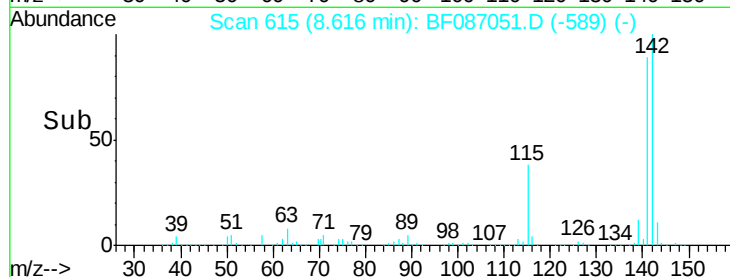
#37  
 2-Methylnaphthalene  
 Concen: 43.18 ng  
 RT: 8.62 min Scan# 615  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.3  | 71.0  | 106.6 |
| 115     | 38.3  | 26.6  | 39.8  |

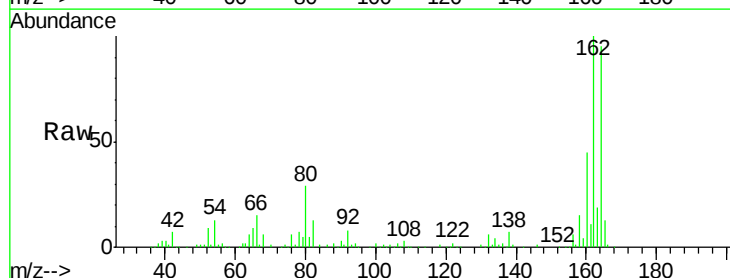


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

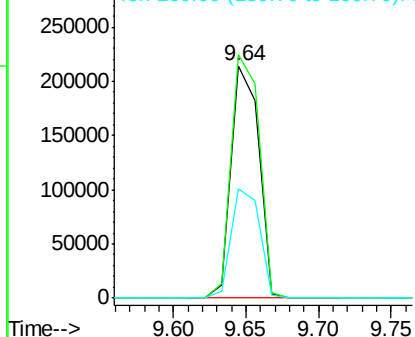
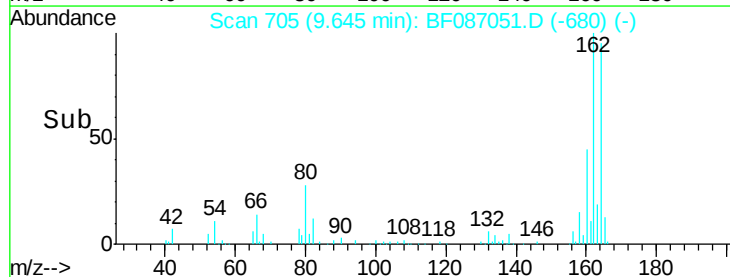


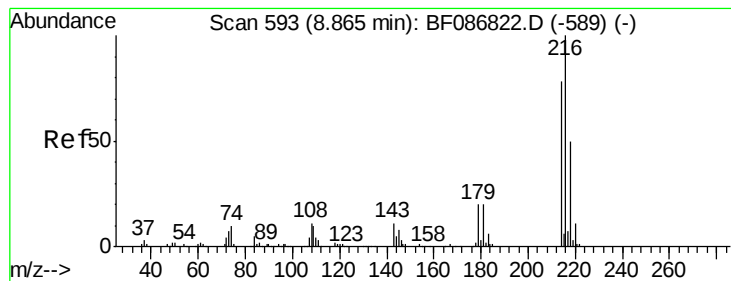
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.64 min Scan# 705  
 Delta R.T. -0.01 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.7 | 82.8  | 124.2 |
| 160     | 46.8  | 36.9  | 55.3  |



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.50 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:216 Resp: 334434

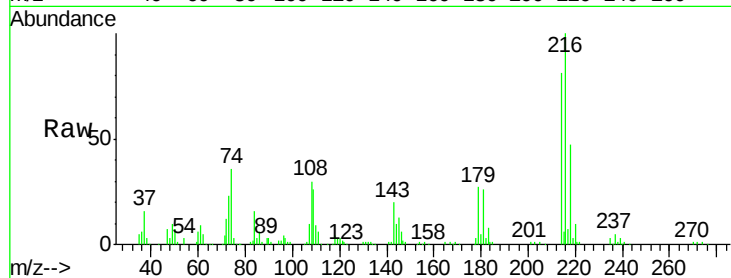
Ion Ratio Lower Upper

216 100

214 79.2 62.6 93.8

179 23.6 18.2 27.4

108 23.6 17.5 26.3

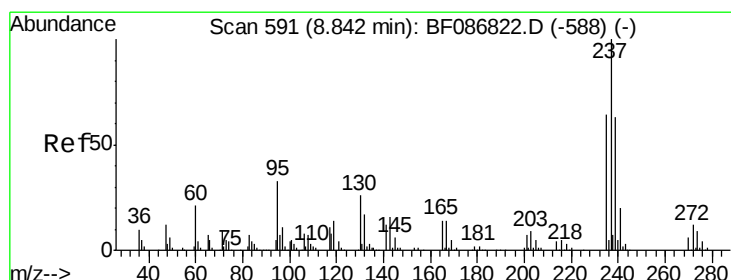
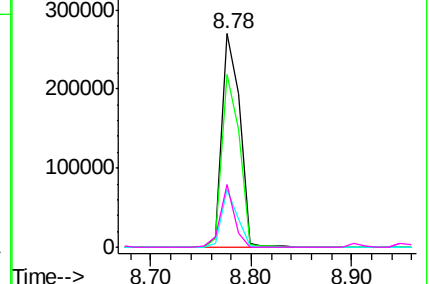
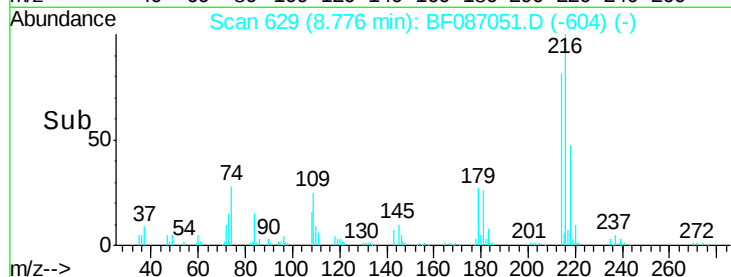


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 30.88 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

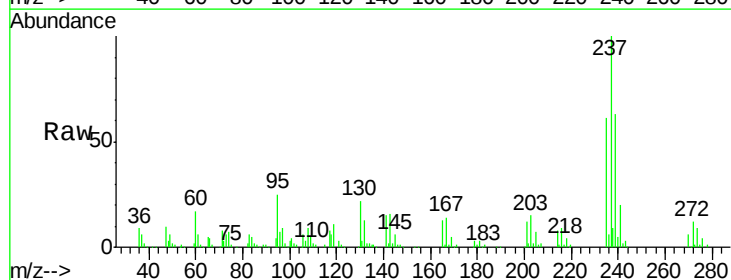
Tgt Ion:237 Resp: 121026

Ion Ratio Lower Upper

237 100

235 61.1 47.2 87.2

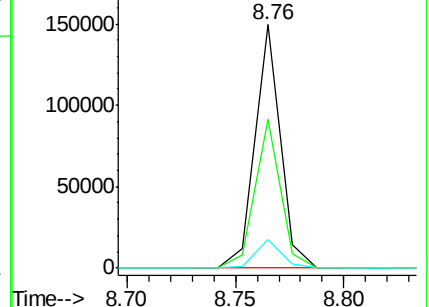
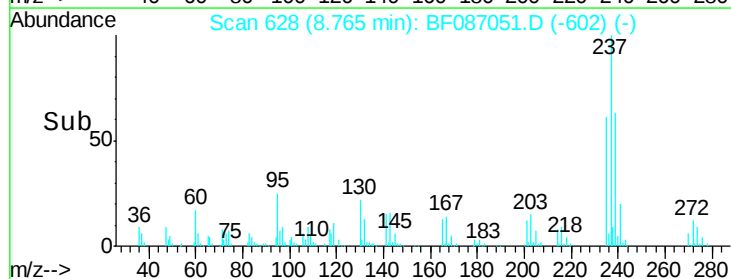
272 11.9 0.0 31.1

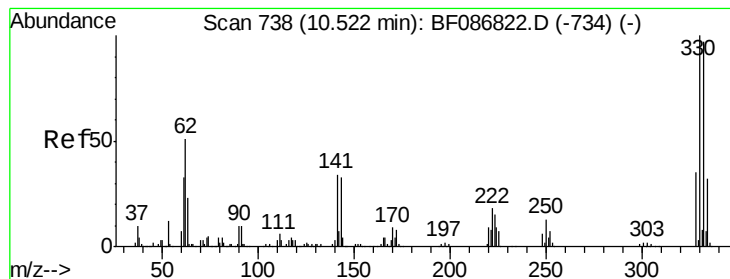


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

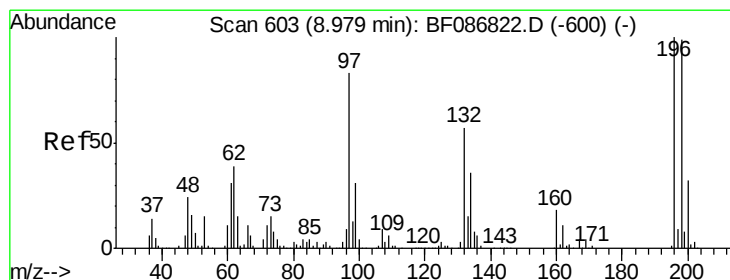
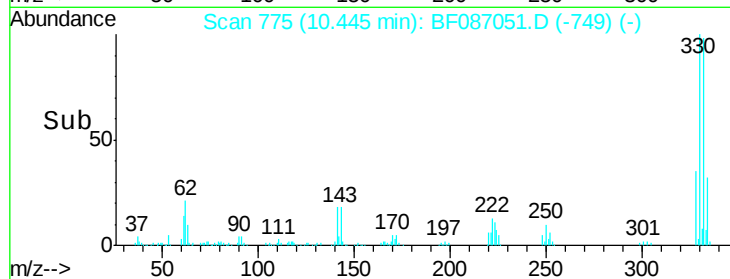
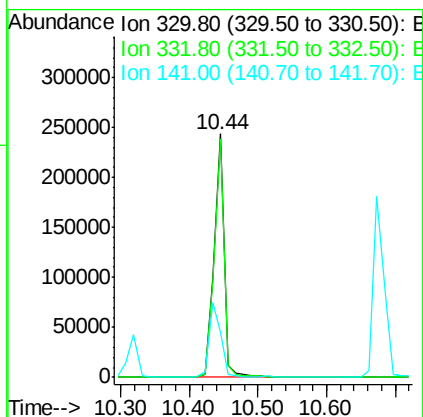
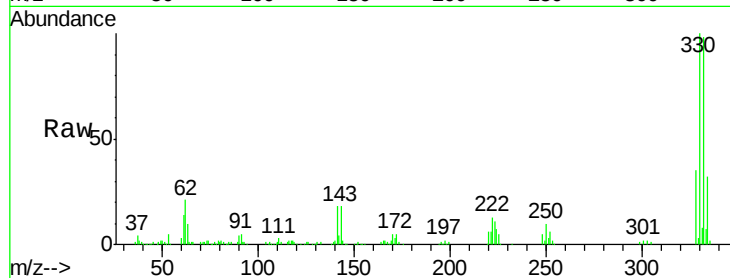




#41  
 2,4,6-Tribromophenol  
 Concen: 84.91 ng  
 RT: 10.44 min Scan# 775  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

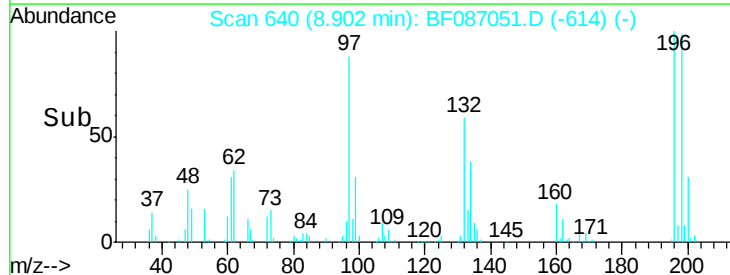
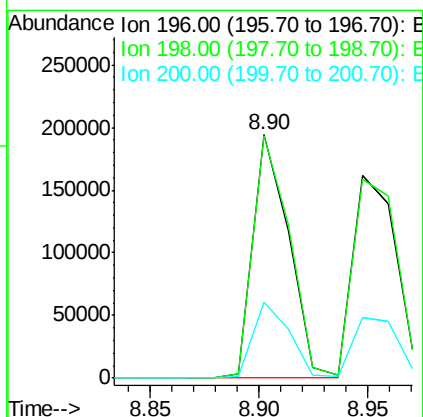
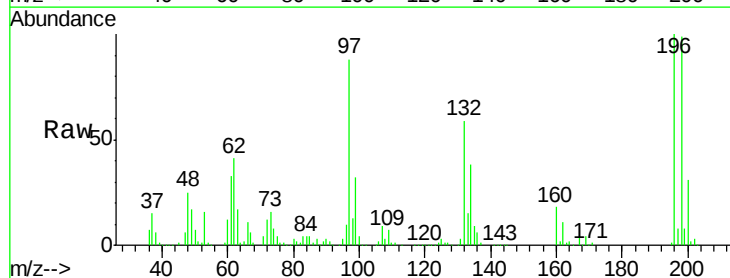
Instrument :  
 BNA\_F  
 ClientSampleId :

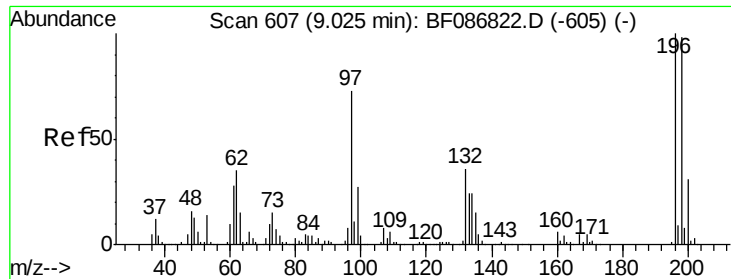
Tgt Ion:330 Resp: 255274  
 Ion Ratio Lower Upper  
 330 100  
 332 97.4 79.0 118.4  
 141 34.8 31.2 46.8



#42  
 2,4,6-Trichlorophenol  
 Concen: 40.63 ng  
 RT: 8.90 min Scan# 640  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Tgt Ion:196 Resp: 224317  
 Ion Ratio Lower Upper  
 196 100  
 198 99.5 74.7 112.1  
 200 31.1 23.8 35.6

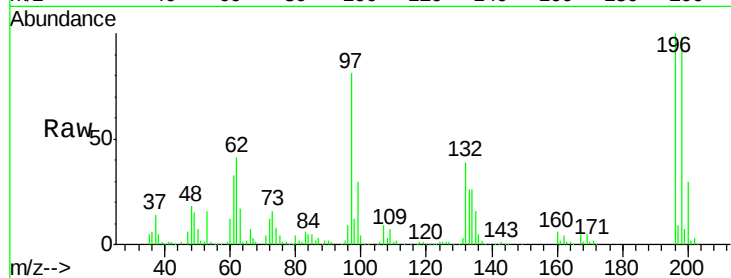




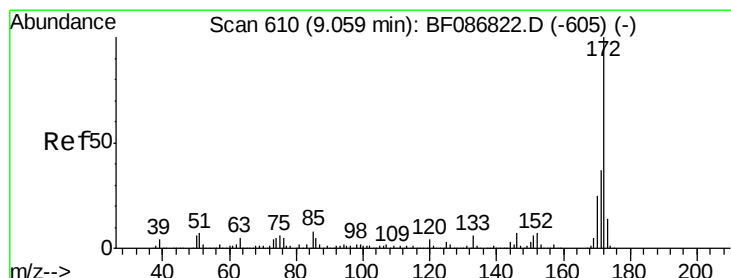
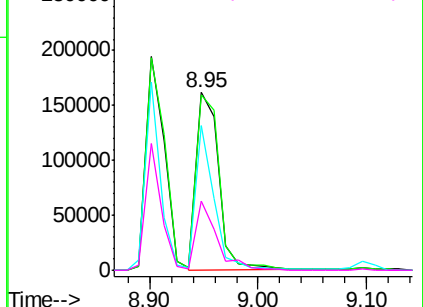
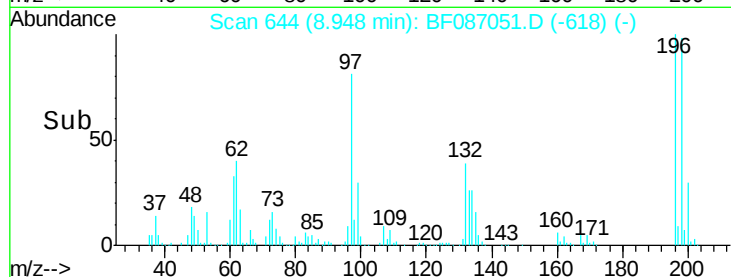
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.03 ng  
 RT: 8.95 min Scan# 644  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion:196 Resp: 234306  
 Ion Ratio Lower Upper  
 196 100  
 198 98.3 77.5 116.3  
 97 81.2 34.8 52.2#  
 132 38.6 23.0 34.4#

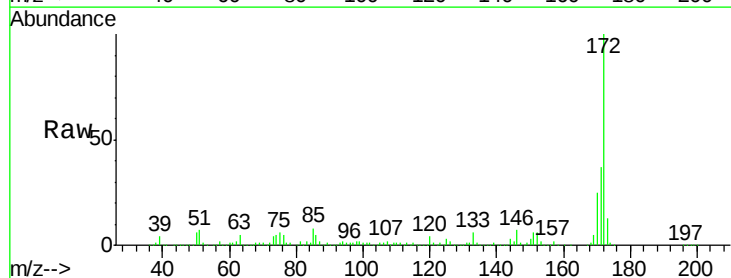


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

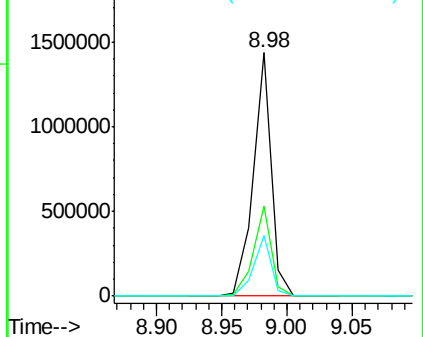
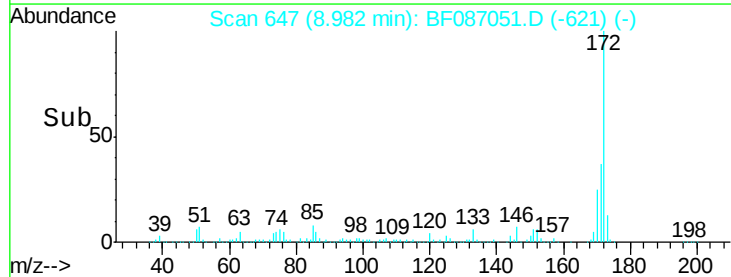


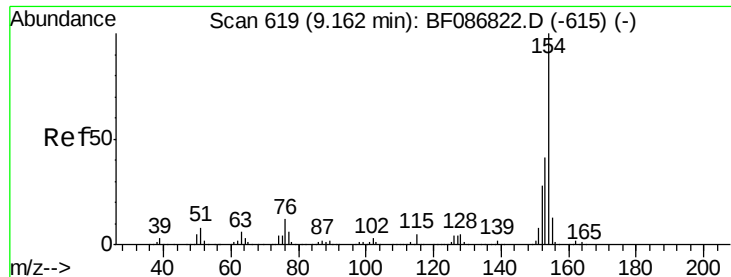
#44  
 2-Fluorobiphenyl  
 Concen: 82.17 ng  
 RT: 8.98 min Scan# 647  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Tgt Ion:172 Resp: 1388484  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 29.0 43.6  
 170 24.9 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 45.10 ng

RT: 9.08 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

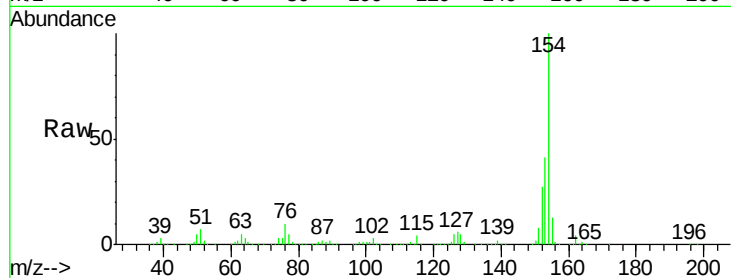
Tgt Ion:154 Resp: 1018788

Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

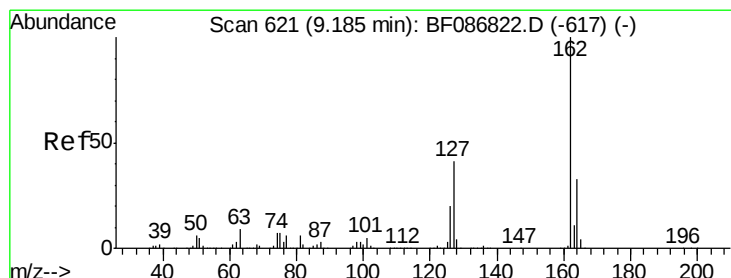
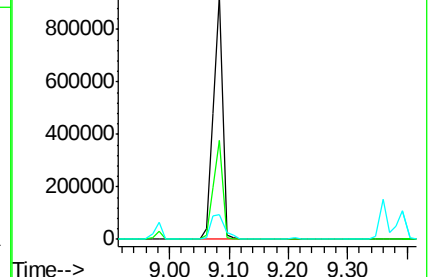
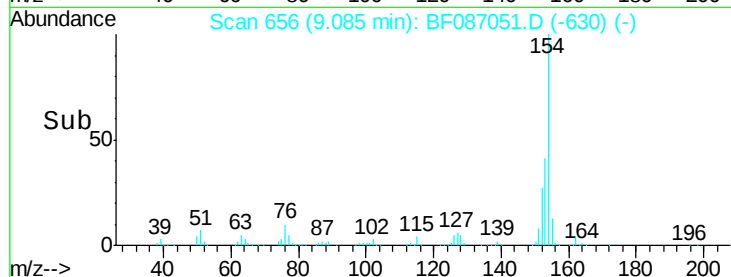
76 10.2 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.49 ng

RT: 9.11 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

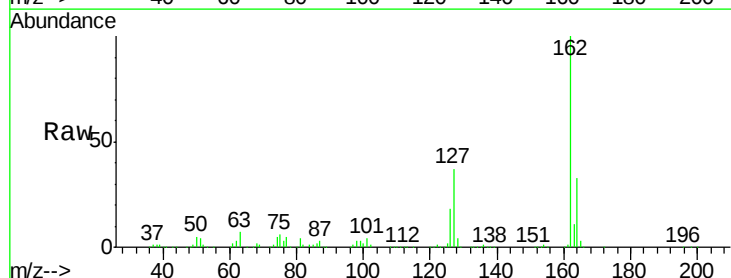
Tgt Ion:162 Resp: 751963

Ion Ratio Lower Upper

162 100

127 37.1 31.8 47.6

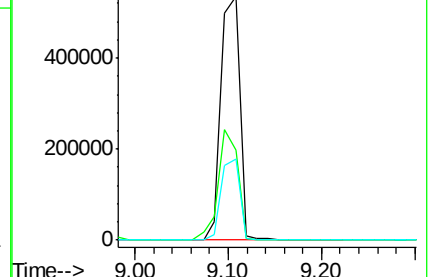
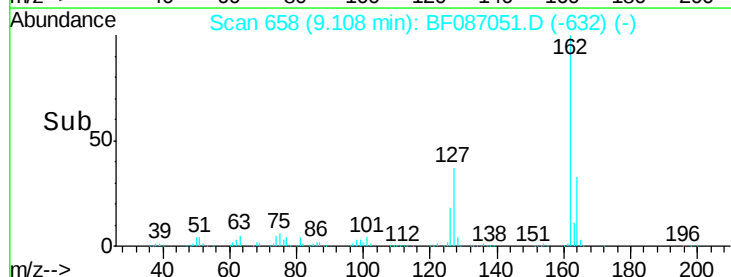
164 33.2 27.0 40.6

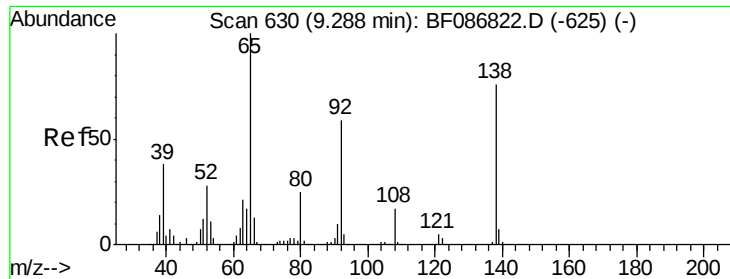


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

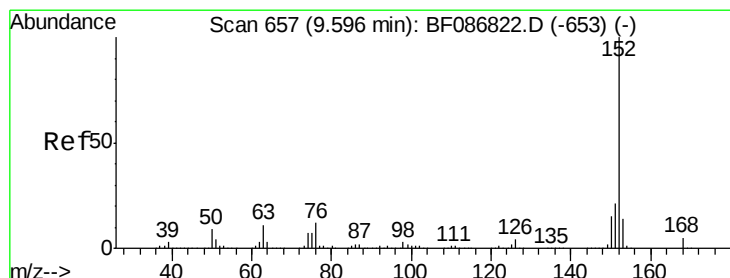
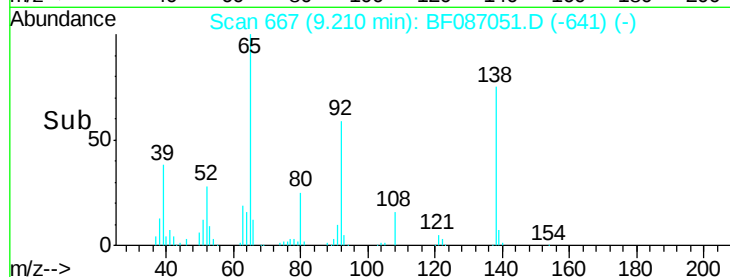
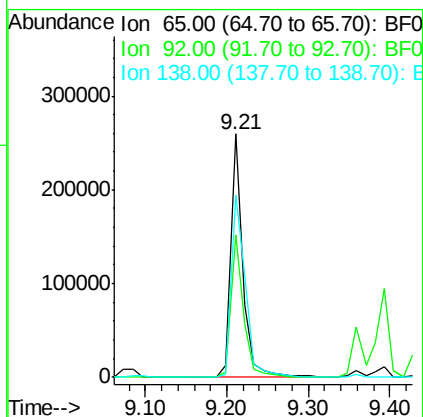
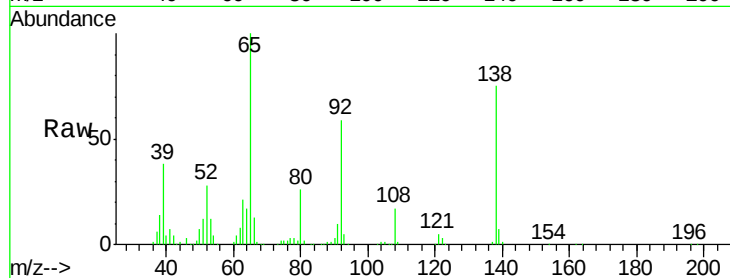




#47  
 2-Nitroaniline  
 Concen: 40.90 ng  
 RT: 9.21 min Scan# 667  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

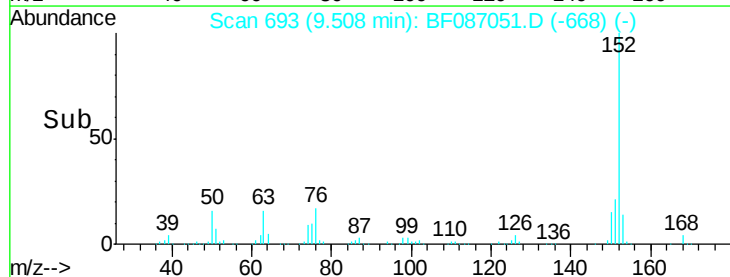
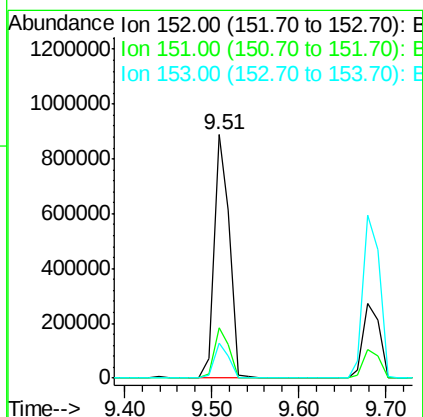
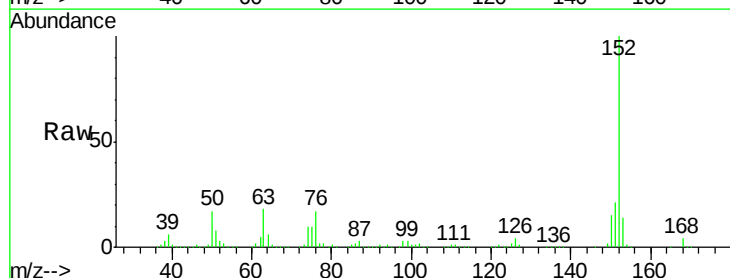
Instrument :  
 BNA\_F  
 ClientSampleId :

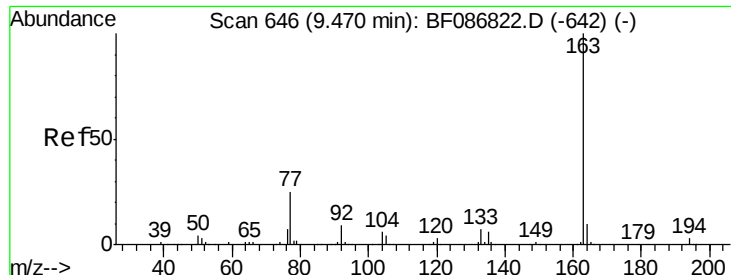
Tgt Ion: 65 Resp: 264566  
 Ion Ratio Lower Upper  
 65 100  
 92 58.5 57.4 86.2  
 138 74.9 90.1 135.1#



#48  
 Acenaphthylene  
 Concen: 42.12 ng  
 RT: 9.51 min Scan# 693  
 Delta R.T. -0.01 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Tgt Ion: 152 Resp: 1096334  
 Ion Ratio Lower Upper  
 152 100  
 151 20.6 16.8 25.2  
 153 14.3 10.9 16.3

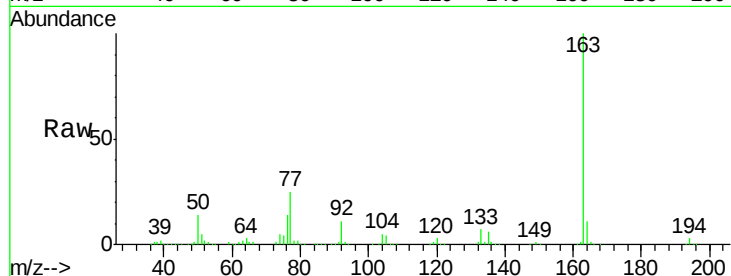




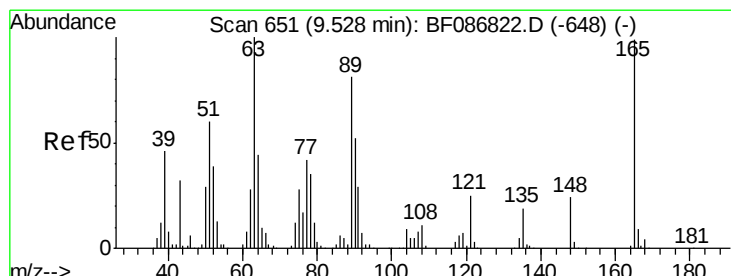
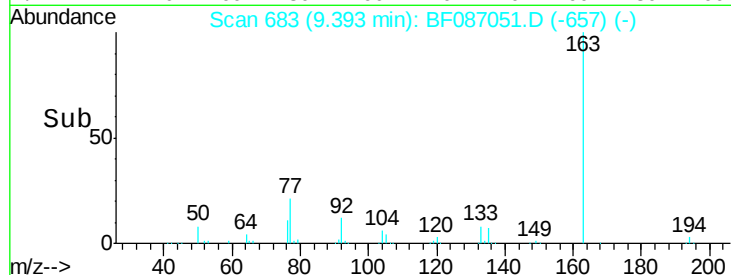
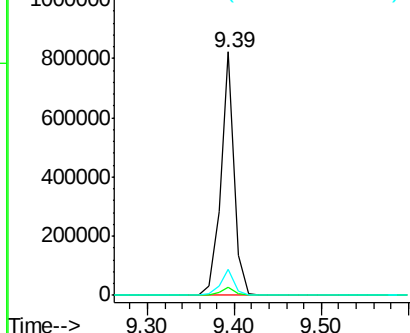
#49  
Dimethylphthalate  
Concen: 40.58 ng  
RT: 9.39 min Scan# 683  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:163 Resp: 879287  
Ion Ratio Lower Upper  
163 100  
194 3.2 2.6 4.0  
164 10.5 8.2 12.4

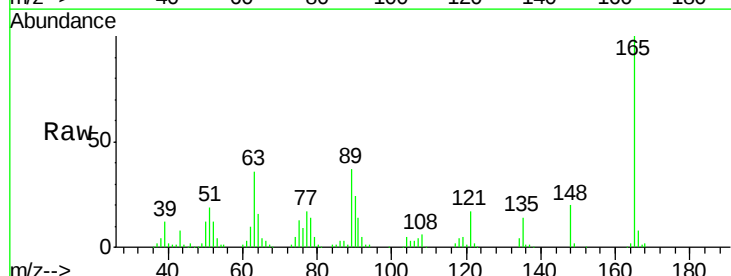


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

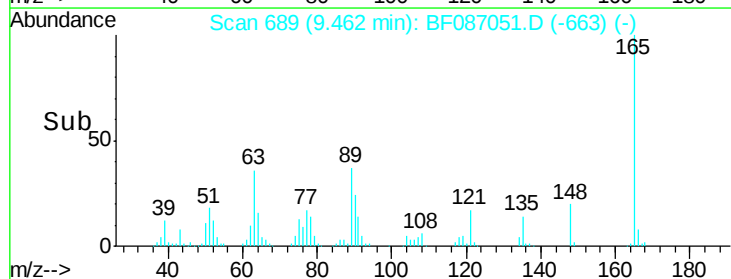
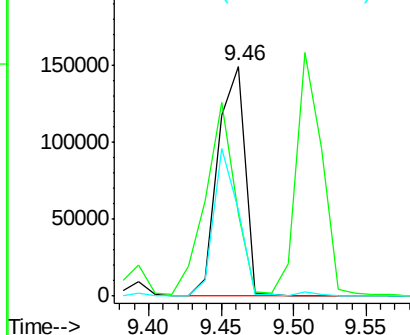


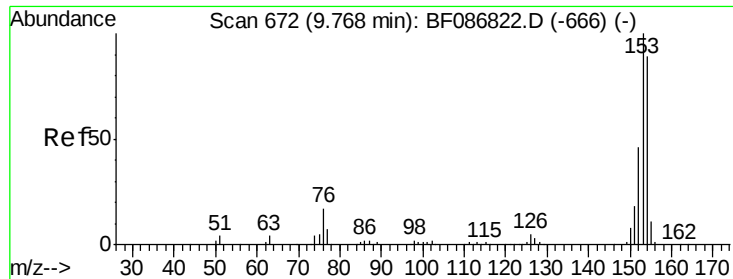
#50  
2,6-Dinitrotoluene  
Concen: 42.37 ng  
RT: 9.46 min Scan# 689  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Tgt Ion:165 Resp: 193215  
Ion Ratio Lower Upper  
165 100  
63 36.0 51.8 77.8#  
89 37.3 50.7 76.1#



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: 42.34 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

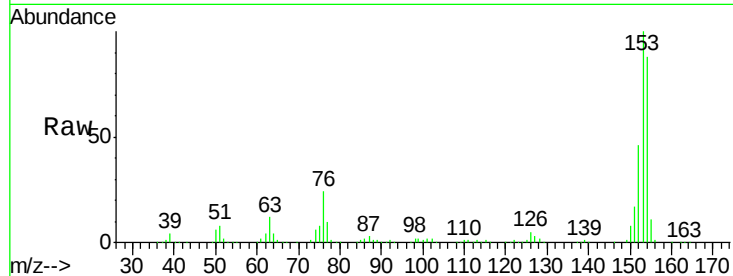
Tgt Ion:154 Resp: 685681

Ion Ratio Lower Upper

154 100

153 113.4 89.8 134.6

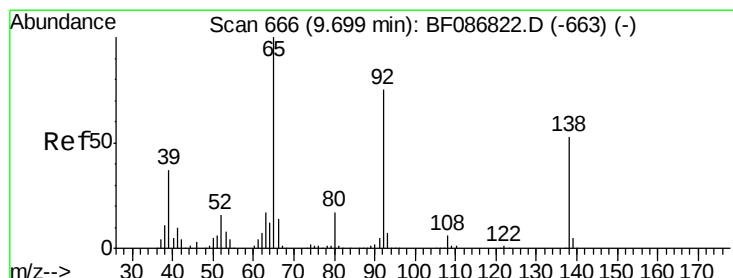
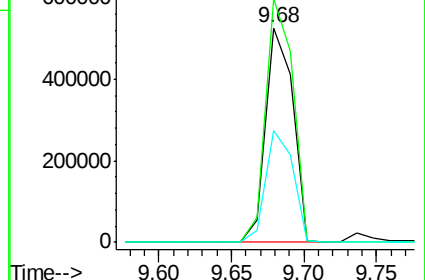
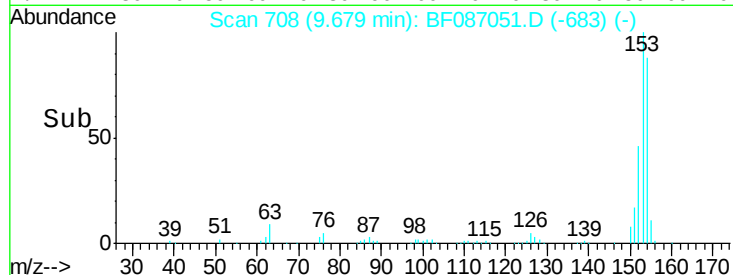
152 52.1 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.69 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

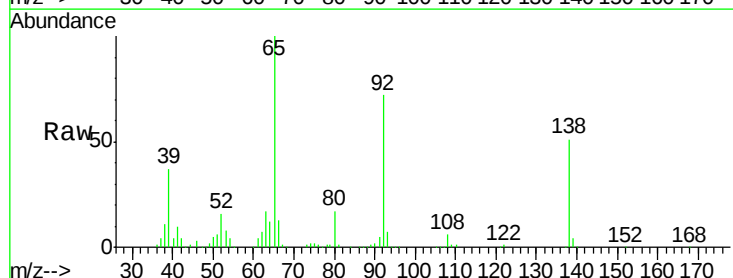
Tgt Ion:138 Resp: 195307

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.6

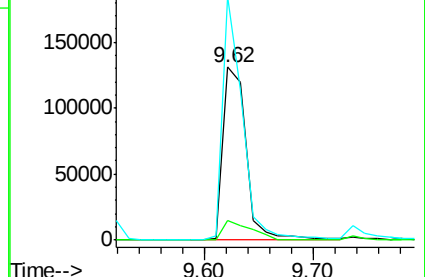
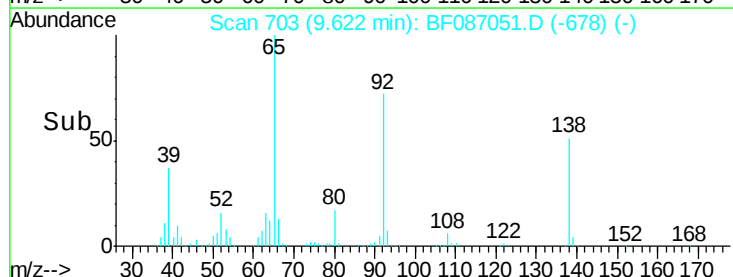
92 141.0 87.8 131.8#

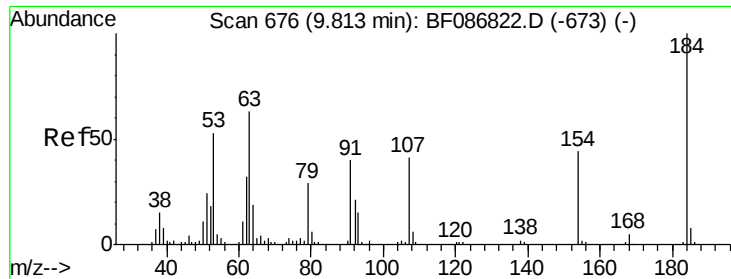


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

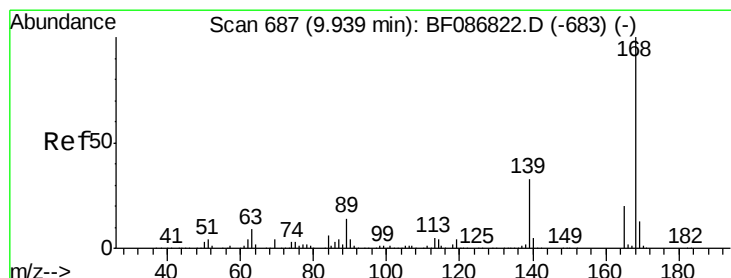
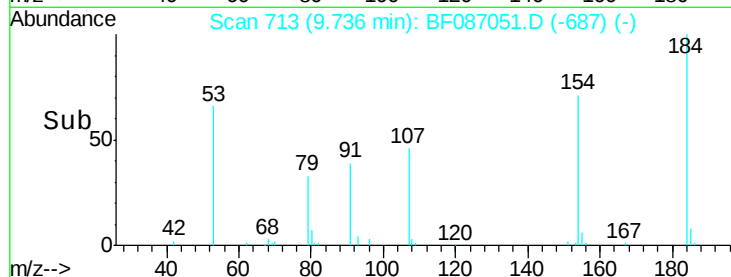
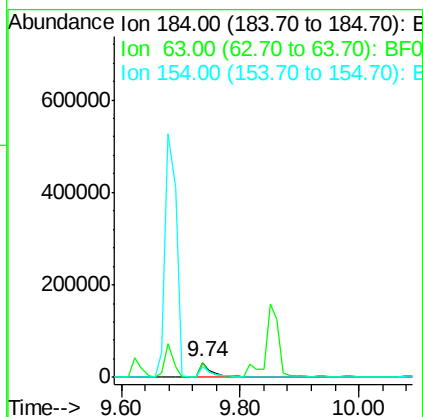
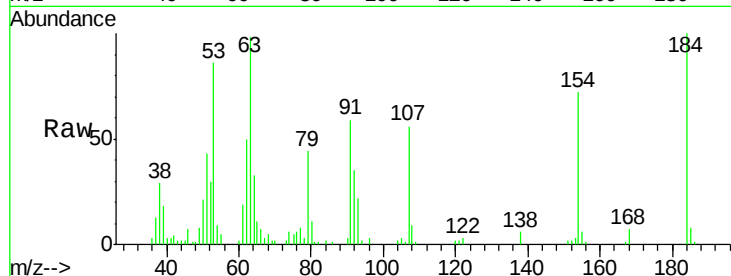




#53  
2,4-Dinitrophenol  
Concen: 28.31 ng  
RT: 9.74 min Scan# 713  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

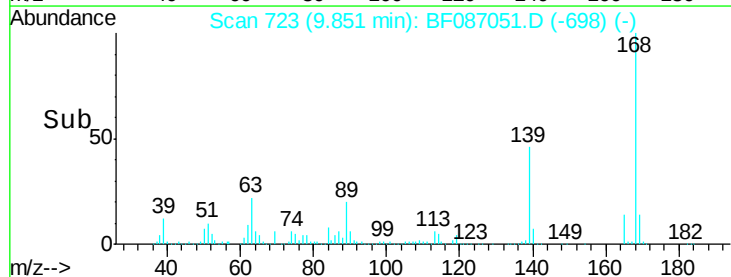
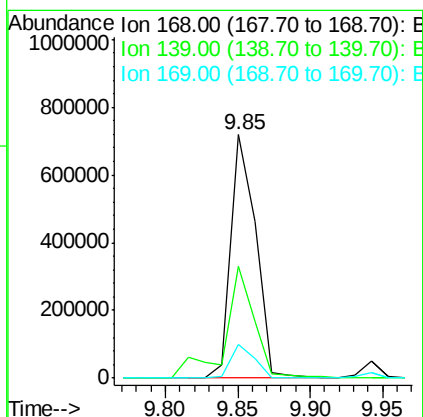
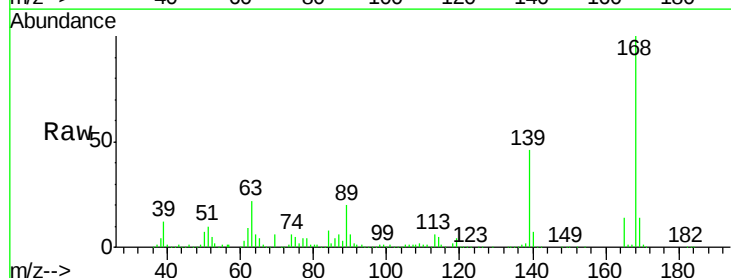
Instrument :  
BNA\_F  
ClientSampleId :

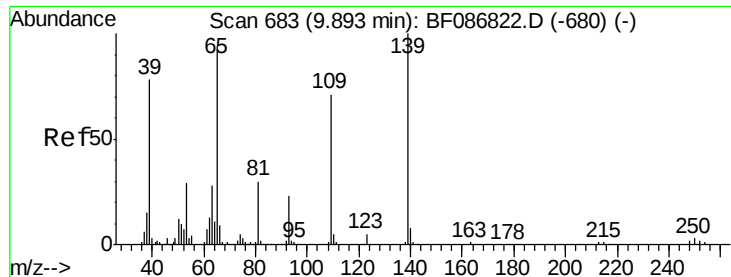
Tgt Ion:184 Resp: 53148  
Ion Ratio Lower Upper  
184 100  
63 98.5 55.8 83.8#  
154 72.0 62.4 93.6



#54  
Dibenzofuran  
Concen: 41.31 ng  
RT: 9.85 min Scan# 723  
Delta R.T. -0.01 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Tgt Ion:168 Resp: 858740  
Ion Ratio Lower Upper  
168 100  
139 45.8 31.4 47.0  
169 14.0 10.7 16.1





#55

4-Nitrophenol

Concen: 34.44 ng m

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF087051.D

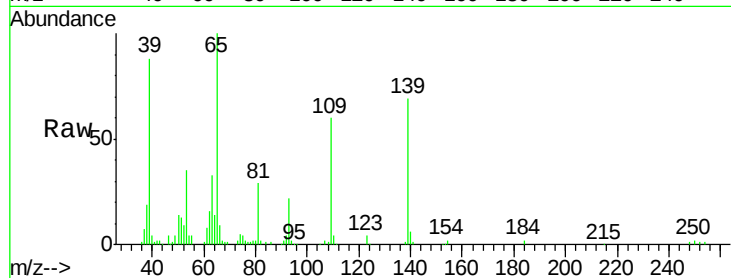
Acq: 15 May 2016 6:20

Instrument :

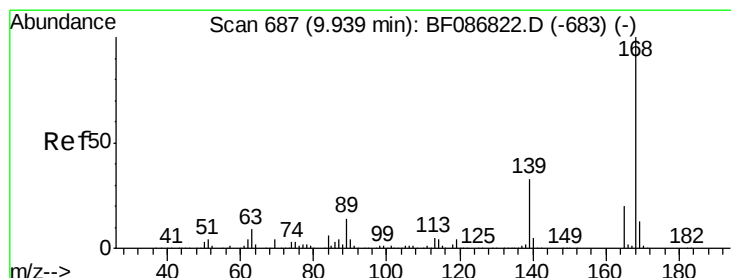
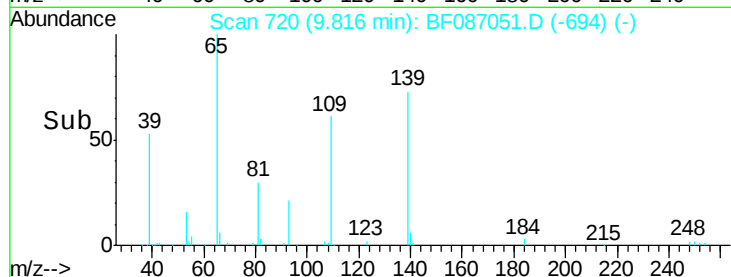
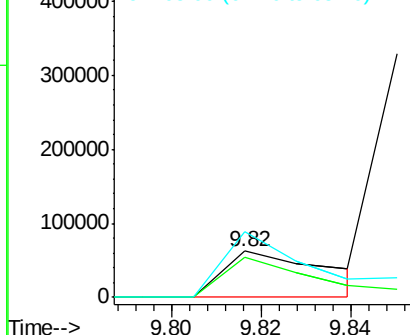
BNA\_F

ClientSampleId :

Tgt Ion:139 Resp: 101413  
 Ion Ratio Lower Upper  
 139 100  
 109 86.1 36.9 76.9#  
 65 144.1 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E  
 Ion 109.00 (108.70 to 109.70): E  
 Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.73 ng

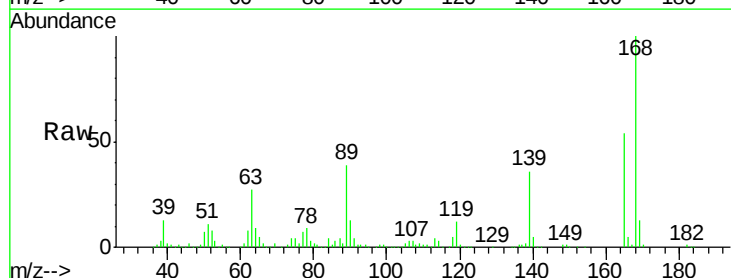
RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

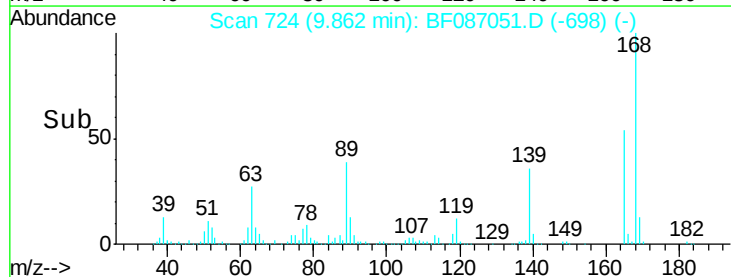
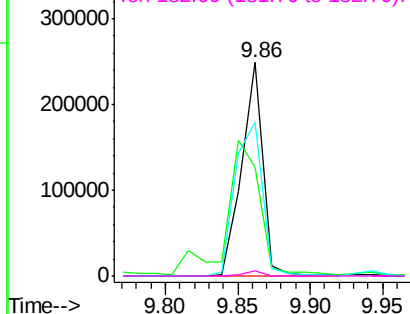
Lab File: BF087051.D

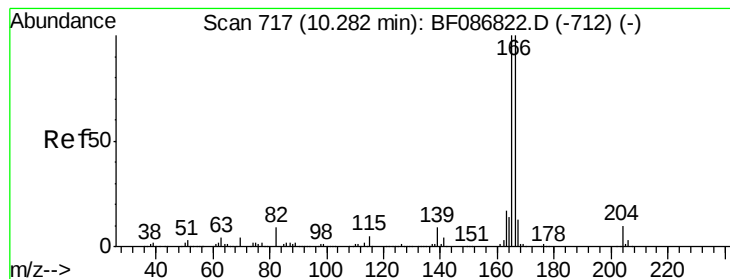
Acq: 15 May 2016 6:20

Tgt Ion:165 Resp: 252414  
 Ion Ratio Lower Upper  
 165 100  
 63 50.8 44.3 66.5  
 89 71.8 70.0 105.0  
 182 2.4 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 89.00 (88.70 to 89.70): BF0  
 Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.61 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

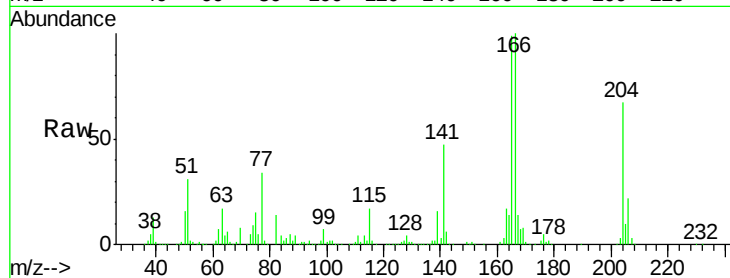
Tgt Ion:166 Resp: 684484

Ion Ratio Lower Upper

166 100

165 99.3 79.0 118.6

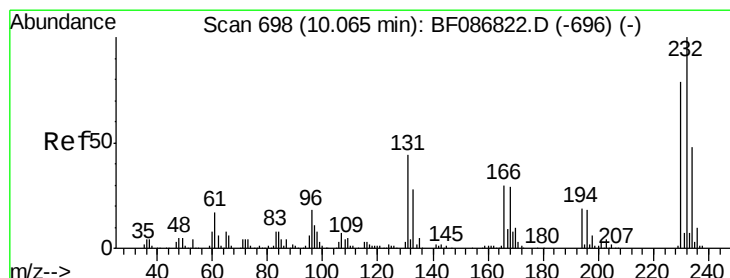
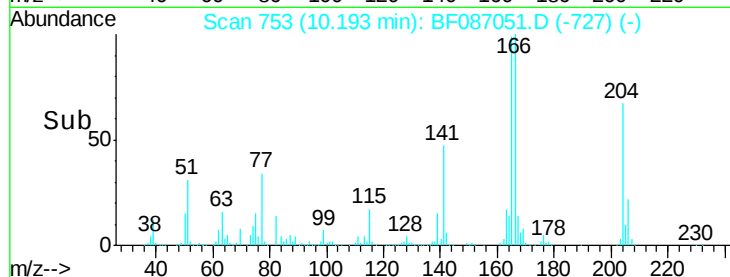
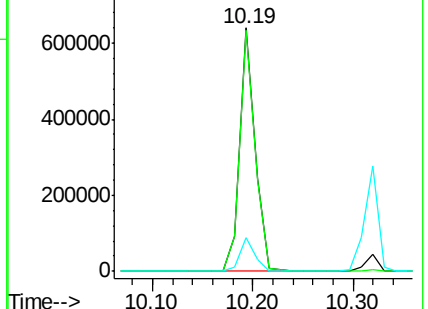
167 13.9 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.44 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Tgt Ion:232 Resp: 182430

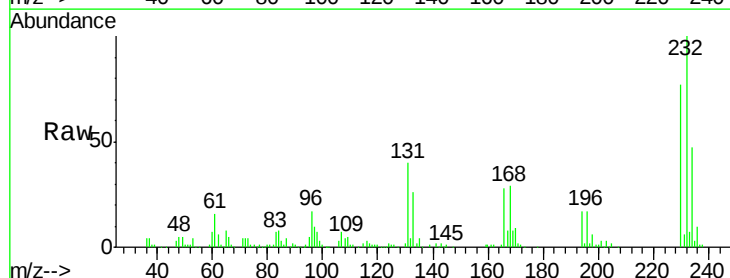
Ion Ratio Lower Upper

232 100

131 49.8 41.9 62.9

130 2.5 2.2 3.4

166 30.4 26.8 40.2

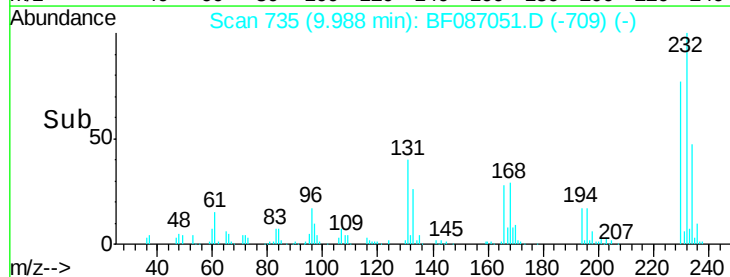
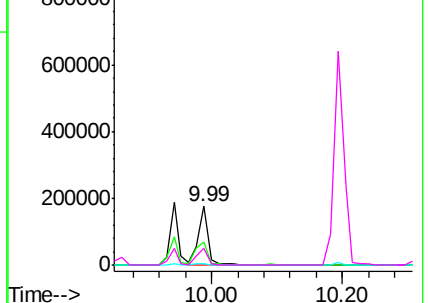


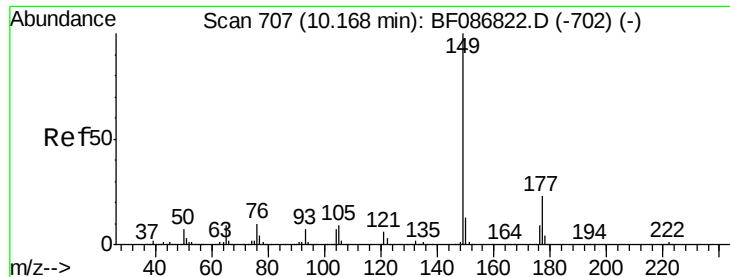
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

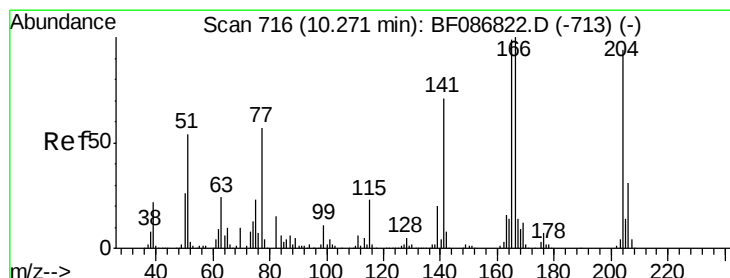
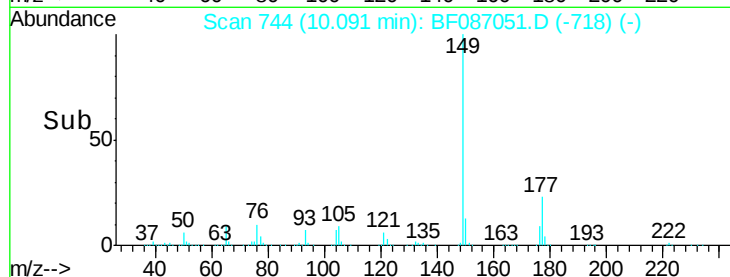
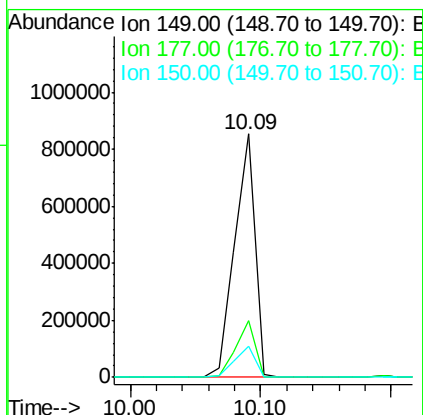
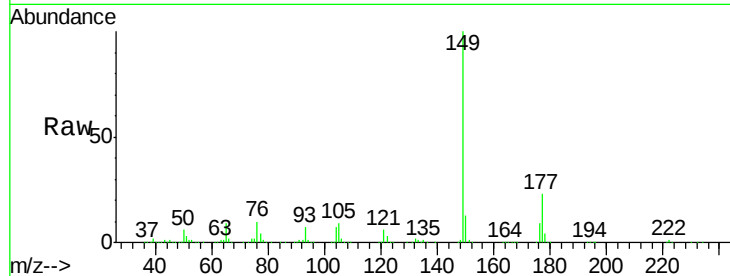




#59  
Diethylphthalate  
Concen: 43.60 ng  
RT: 10.09 min Scan# 744  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

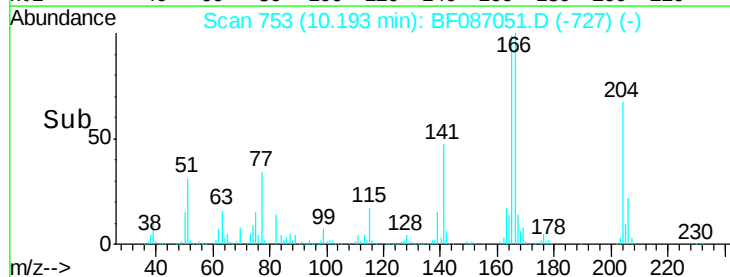
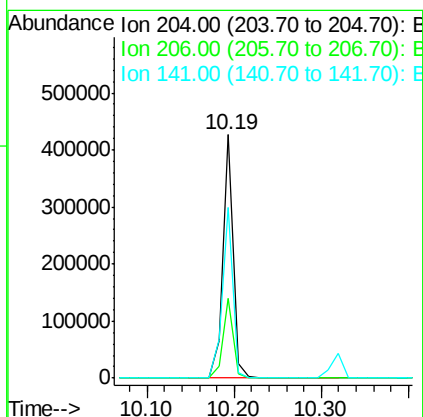
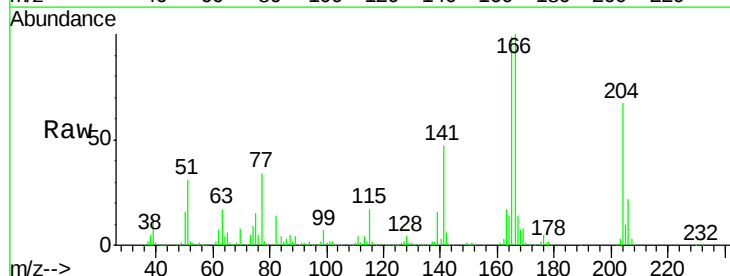
Instrument :  
BNA\_F  
ClientSampleId :

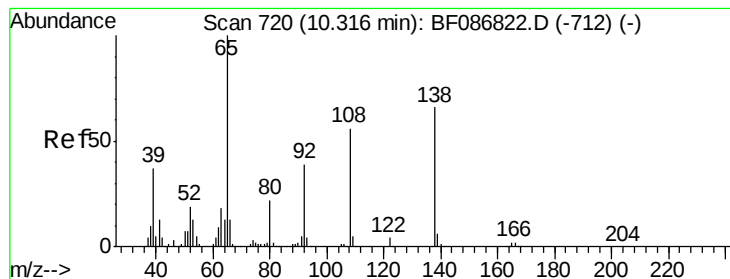
Tgt Ion:149 Resp: 920566  
Ion Ratio Lower Upper  
149 100  
177 23.4 16.6 24.8  
150 12.5 10.0 15.0



#60  
4-Chlorophenyl-phenylether  
Concen: 47.50 ng  
RT: 10.19 min Scan# 753  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Tgt Ion:204 Resp: 361344  
Ion Ratio Lower Upper  
204 100  
206 33.0 25.4 38.0  
141 70.2 61.6 92.4





#61

4-Nitroaniline

Concen: 37.49 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

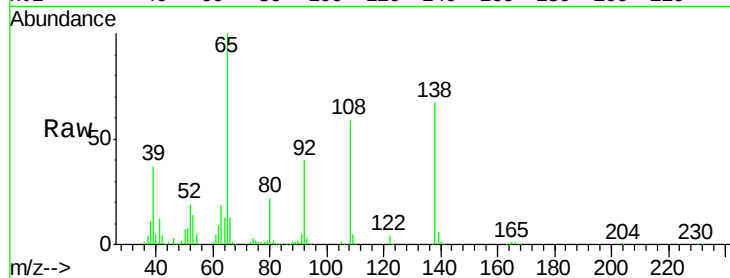
Tgt Ion:138 Resp: 172840

Ion Ratio Lower Upper

138 100

92 58.9 24.7 64.7

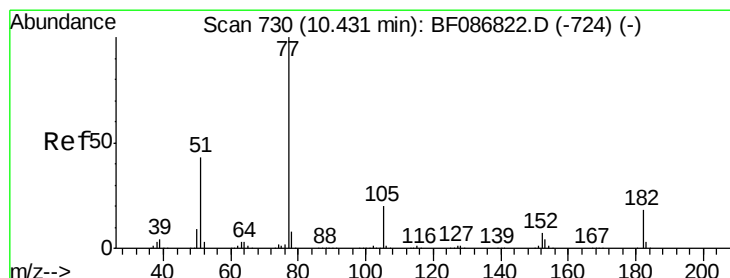
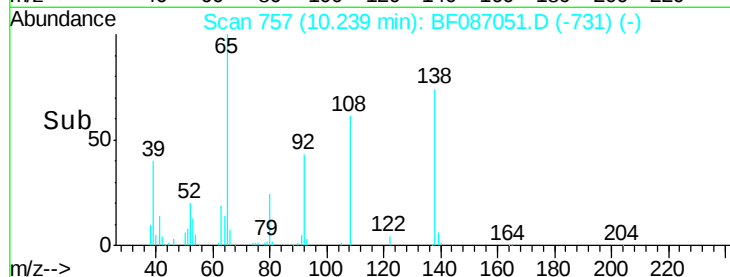
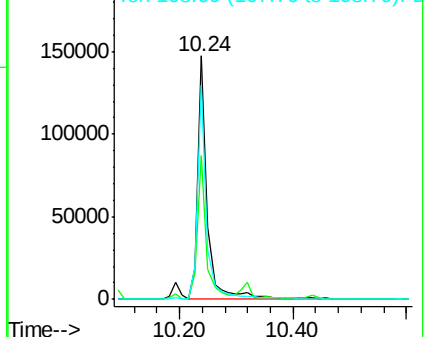
108 87.8 37.4 77.4#



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: 44.80 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Tgt Ion: 77 Resp: 1020547

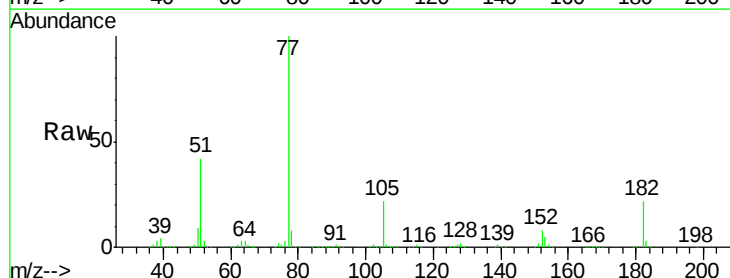
Ion Ratio Lower Upper

77 100

182 22.3 0.0 38.8

105 21.6 3.2 43.2

51 41.7 8.8 48.8

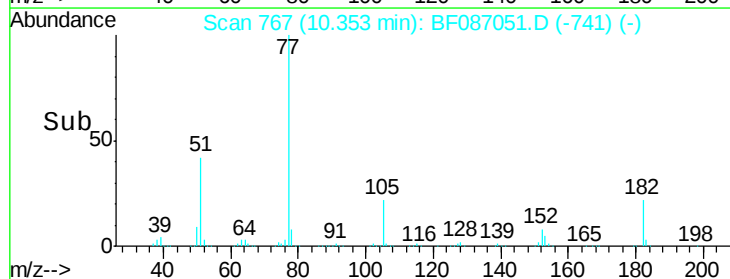
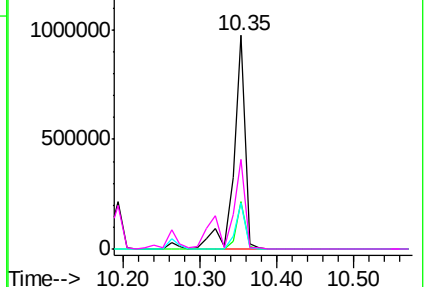


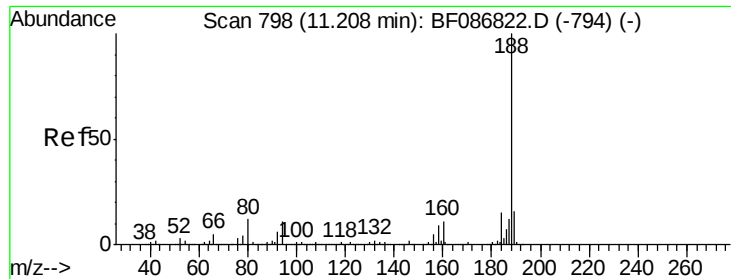
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

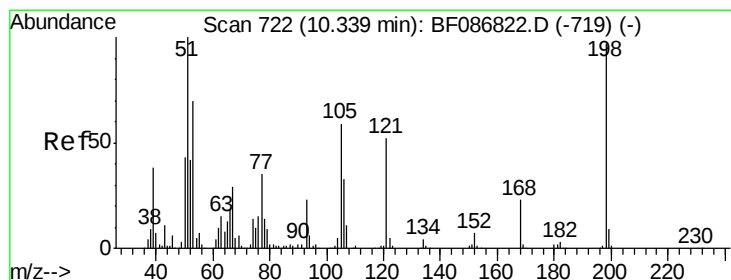
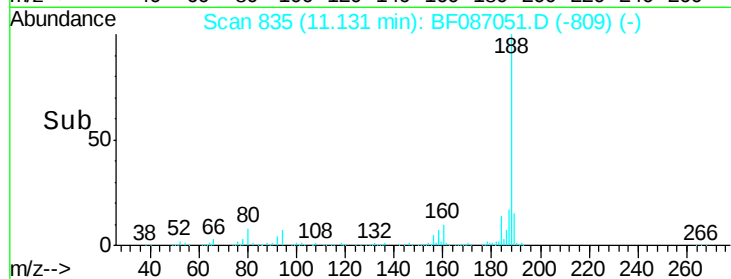
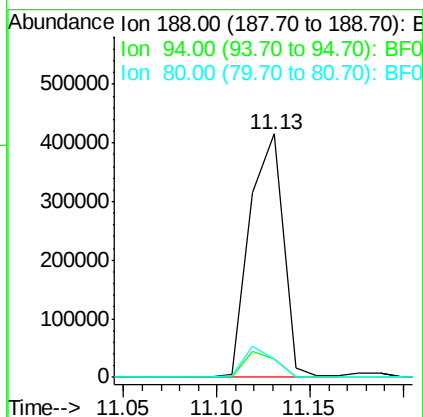
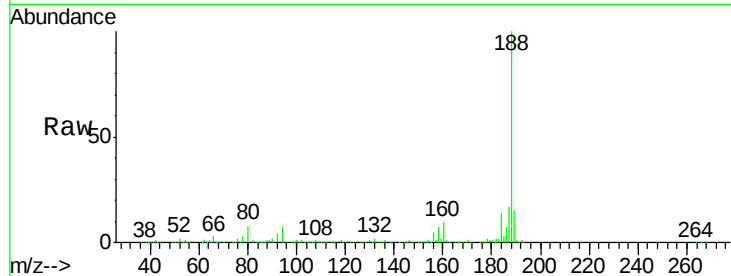




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.13 min Scan# 835  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

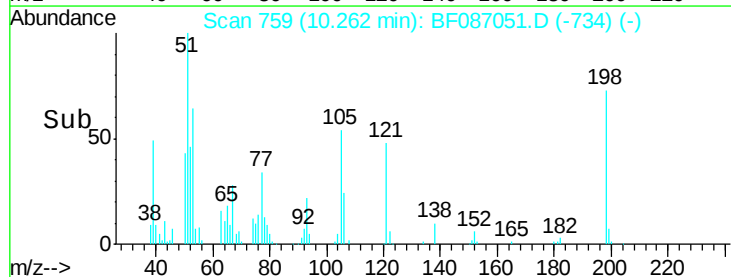
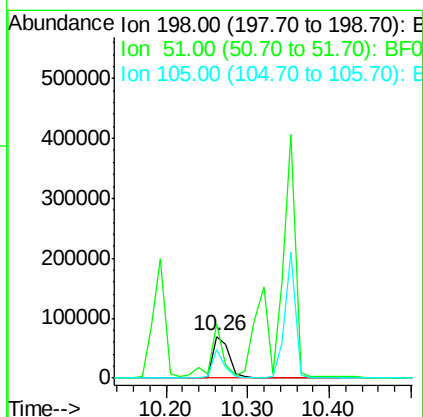
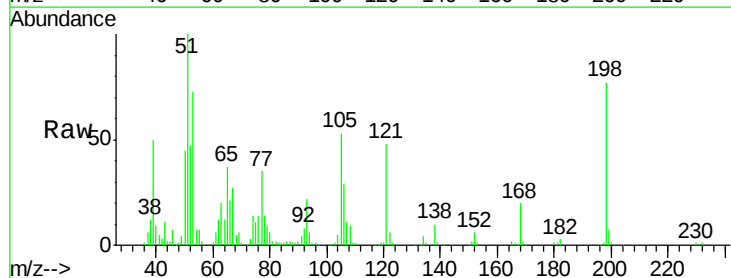
Instrument :  
BNA\_F  
ClientSampled :

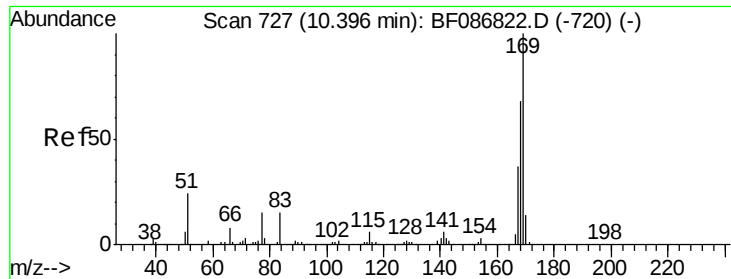
Tgt Ion:188 Resp: 518791  
Ion Ratio Lower Upper  
188 100  
94 7.3 6.8 10.2  
80 7.6 7.1 10.7



#64  
4,6-Dinitro-2-methylphenol  
Concen: 30.65 ng  
RT: 10.26 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Tgt Ion:198 Resp: 98796  
Ion Ratio Lower Upper  
198 100  
51 129.4 20.5 60.5#  
105 69.1 24.5 64.5#

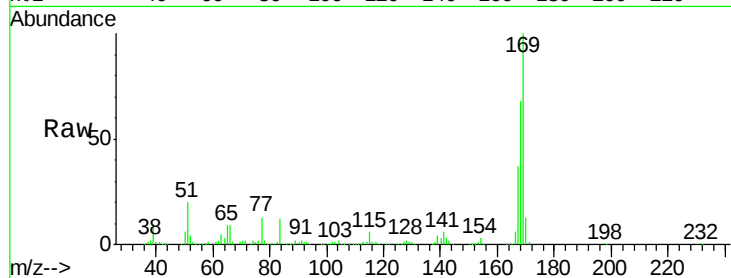




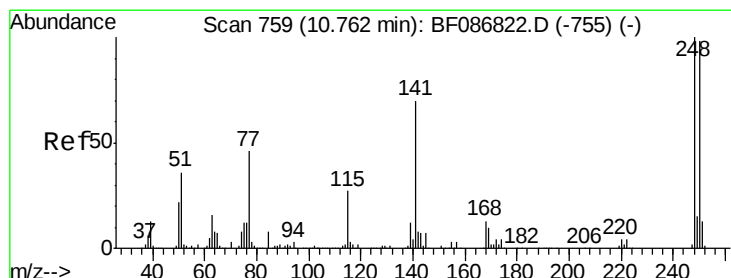
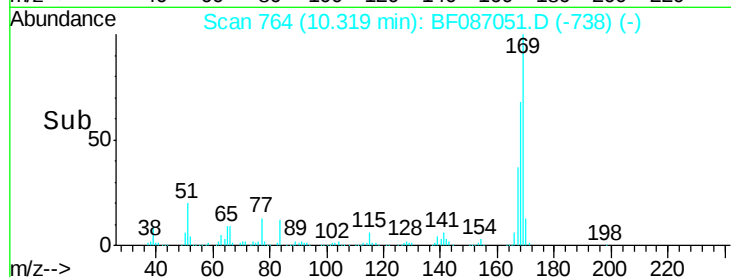
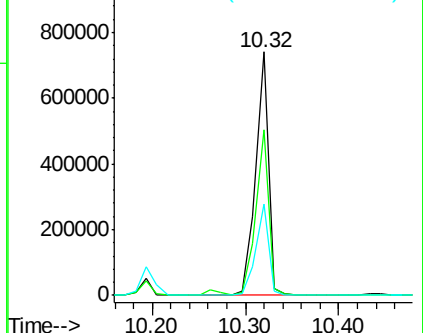
#65  
 n-Nitrosodiphenylamine  
 Concen: 44.34 ng  
 RT: 10.32 min Scan# 764  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampleID :

Tgt Ion:169 Resp: 706751  
 Ion Ratio Lower Upper  
 169 100  
 168 68.1 53.8 80.6  
 167 37.4 29.5 44.3

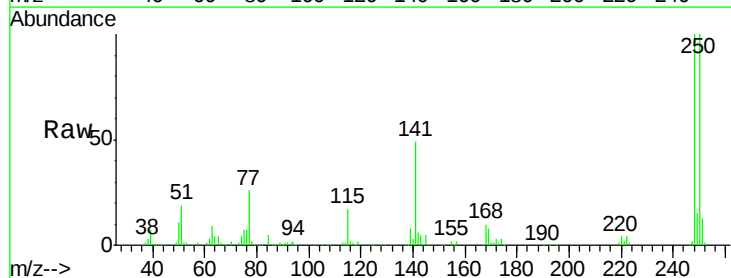


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

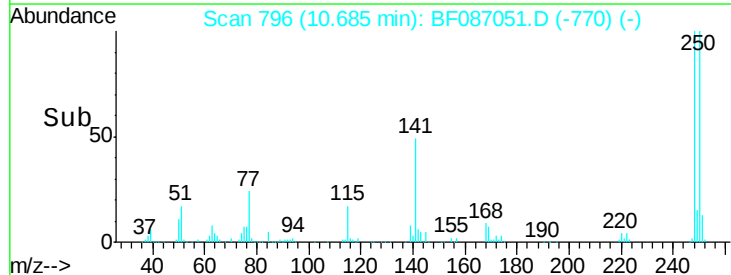
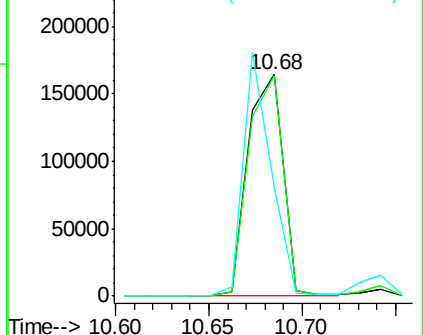


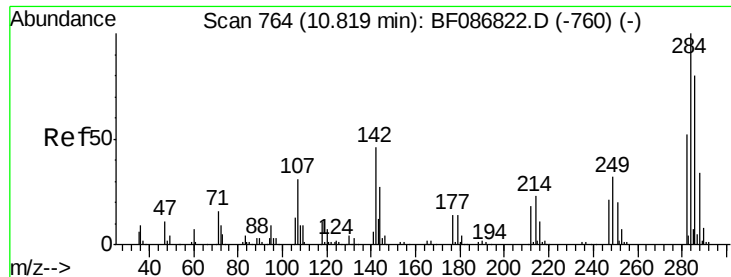
#66  
 4-Bromophenyl-phenylether  
 Concen: 40.83 ng  
 RT: 10.68 min Scan# 796  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Tgt Ion:248 Resp: 214784  
 Ion Ratio Lower Upper  
 248 100  
 250 99.7 78.6 117.8  
 141 49.2 76.0 114.0#



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

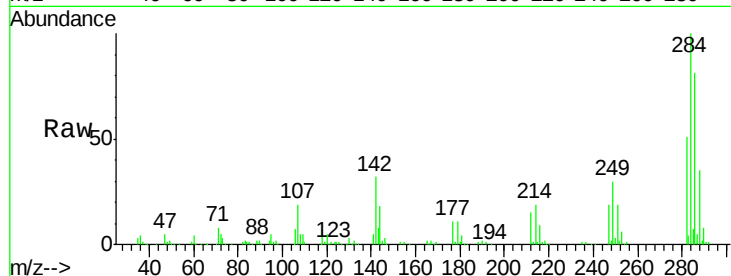




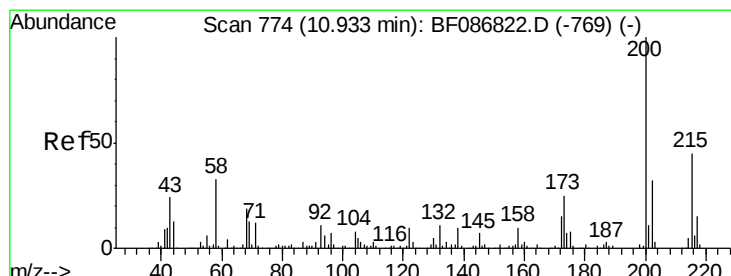
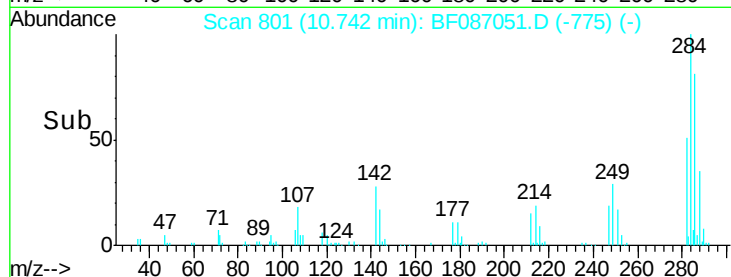
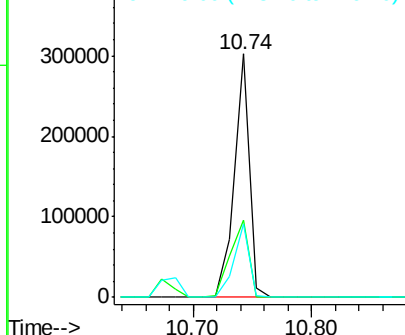
#67  
Hexachlorobenzene  
Concen: 43.40 ng  
RT: 10.74 min Scan# 801  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion: 284 Resp: 266786  
Ion Ratio Lower Upper  
284 100  
142 31.5 16.7 25.1#  
249 30.2 21.3 31.9

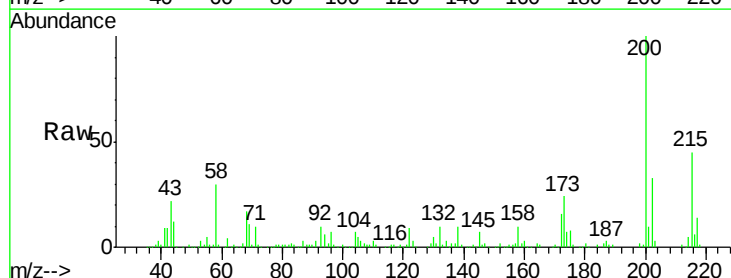


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

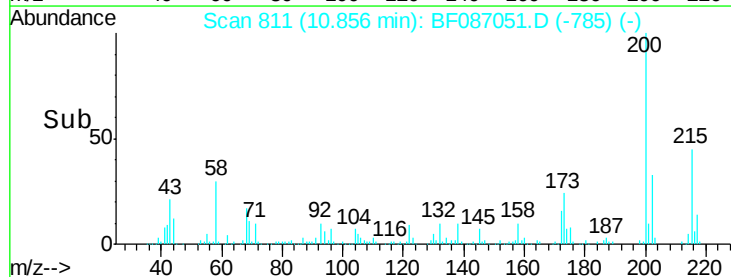
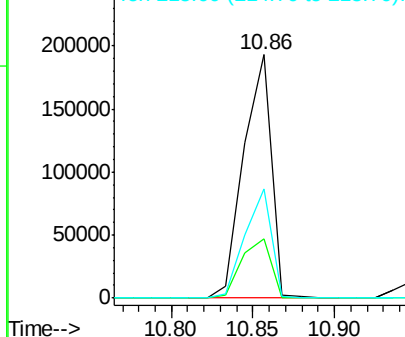


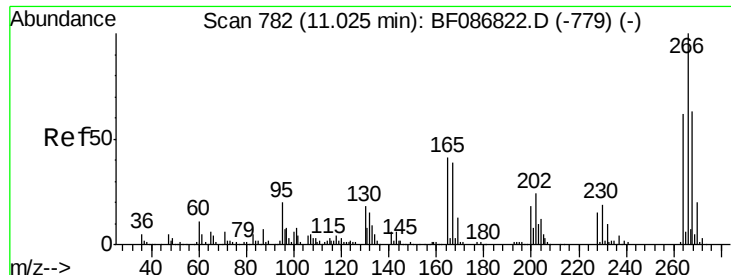
#68  
Atrazine  
Concen: 42.51 ng  
RT: 10.86 min Scan# 811  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Tgt Ion: 200 Resp: 226339  
Ion Ratio Lower Upper  
200 100  
173 24.3 8.5 48.5  
215 44.7 27.2 67.2



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

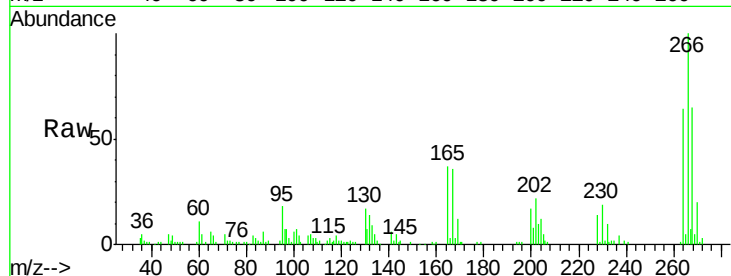




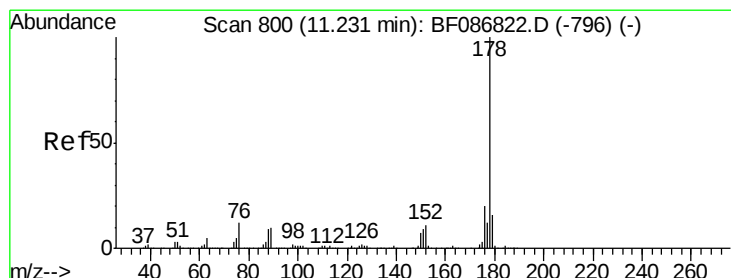
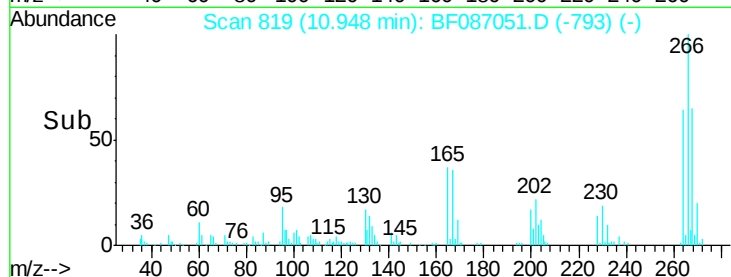
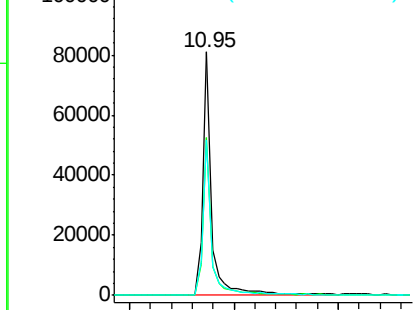
#69  
 Pentachlorophenol  
 Concen: 34.33 ng  
 RT: 10.95 min Scan# 819  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion:266 Resp: 97543  
 Ion Ratio Lower Upper  
 266 100  
 268 65.0 51.5 77.3  
 264 63.7 52.9 79.3

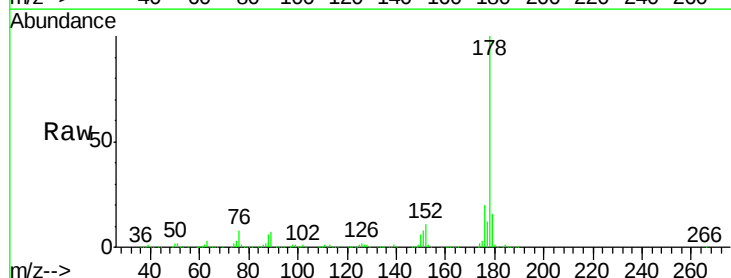


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

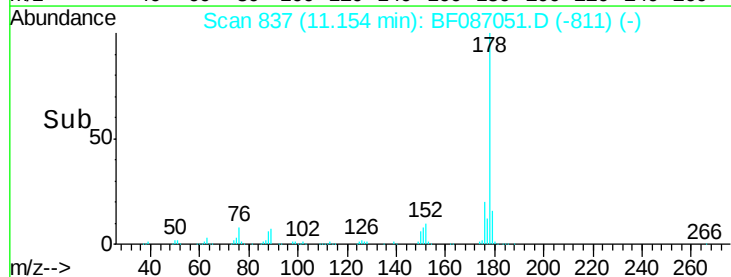
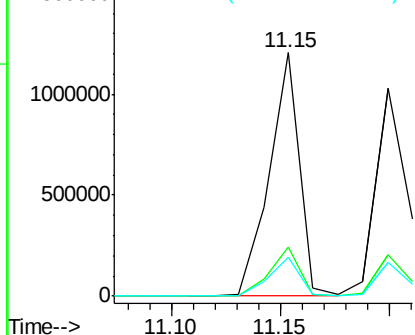


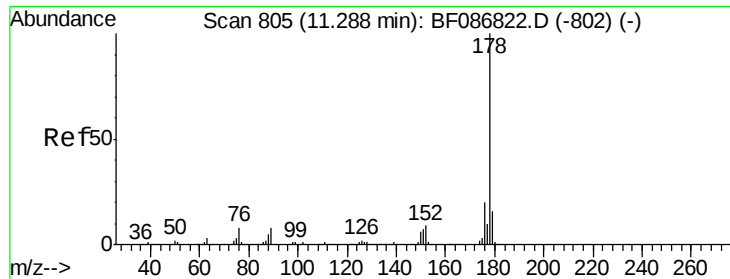
#70  
 Phenanthrene  
 Concen: 42.26 ng  
 RT: 11.15 min Scan# 837  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Tgt Ion:178 Resp: 1170029  
 Ion Ratio Lower Upper  
 178 100  
 176 20.2 16.0 24.0  
 179 15.7 12.6 18.8



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

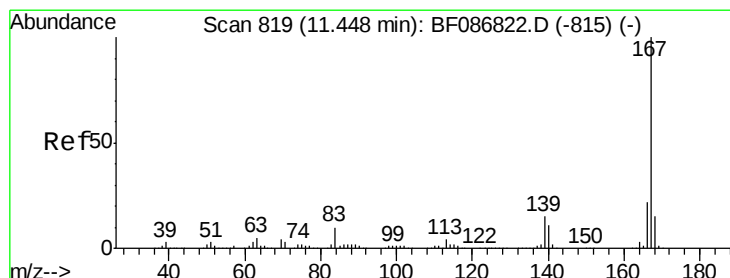
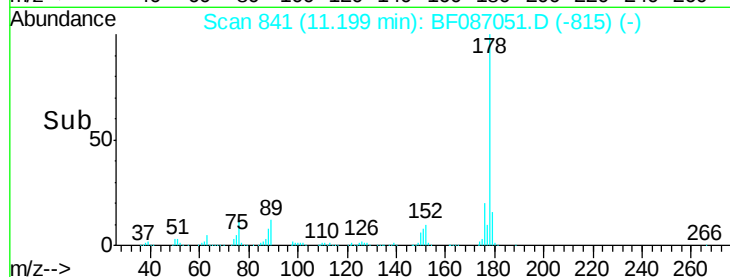
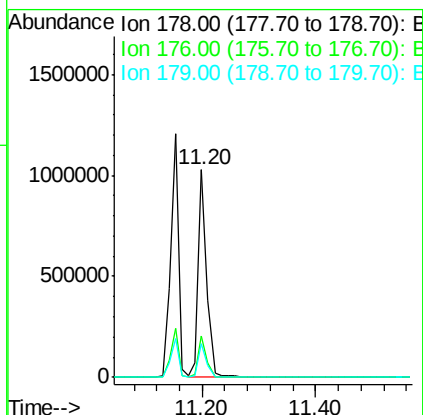
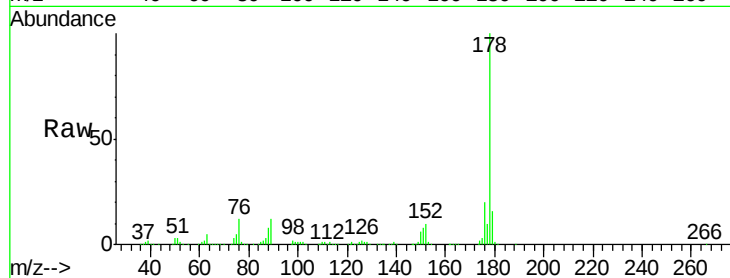




#71  
 Anthracene  
 Concen: 37.41 ng  
 RT: 11.20 min Scan# 841  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

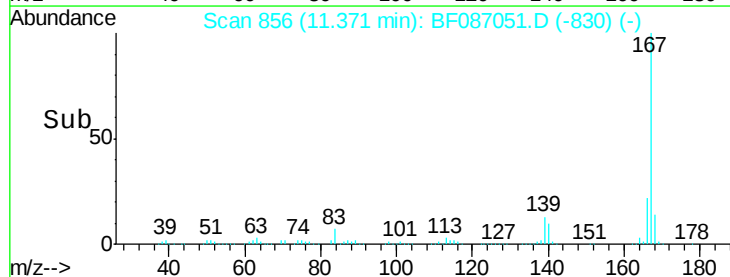
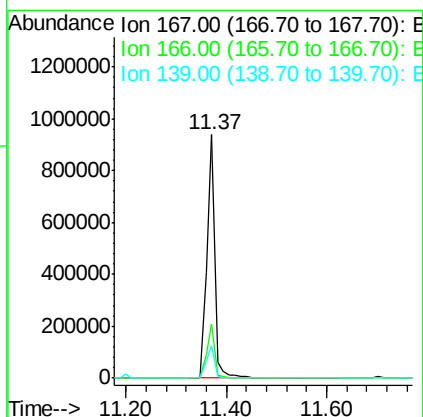
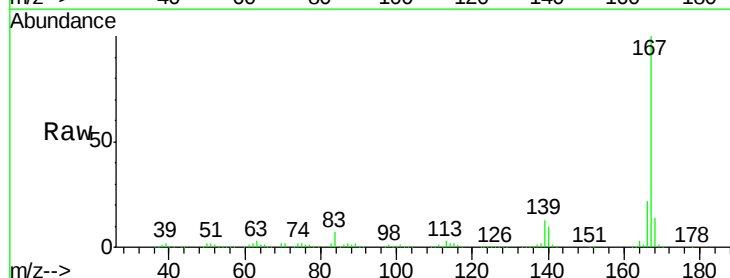
Instrument :  
 BNA\_F  
 ClientSampleId :

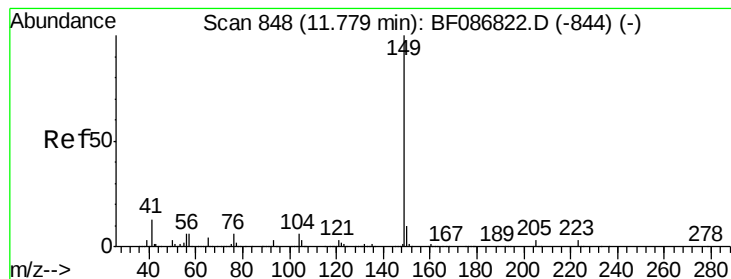
Tgt Ion:178 Resp: 1059153  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 15.6 23.4  
 179 16.3 12.7 19.1



#72  
 Carbazole  
 Concen: 42.05 ng  
 RT: 11.37 min Scan# 856  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Tgt Ion:167 Resp: 1023438  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.7 26.5  
 139 13.4 10.8 16.2





#73

Di-n-butylphthalate

Concen: 42.30 ng

RT: 11.70 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

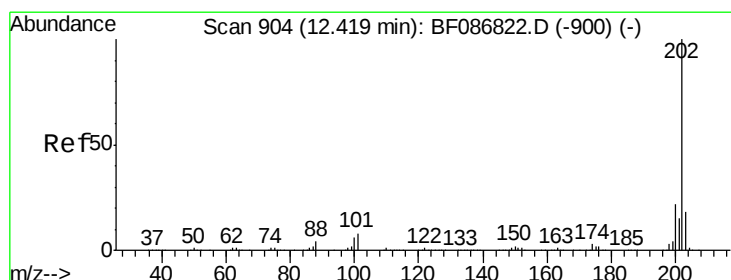
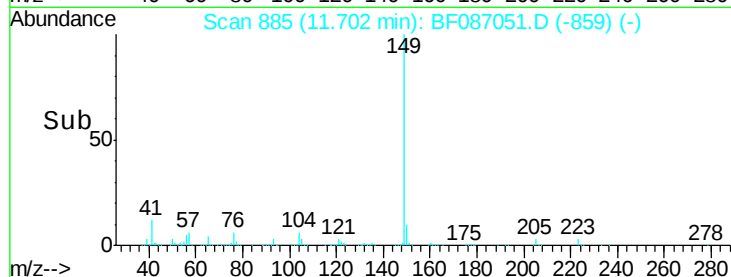
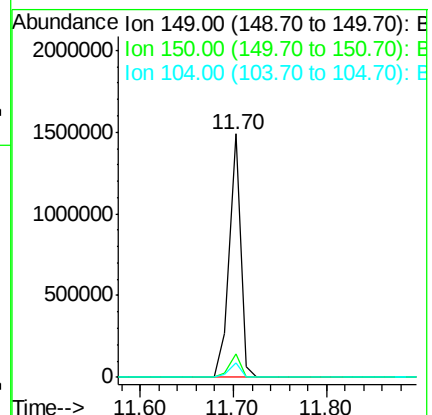
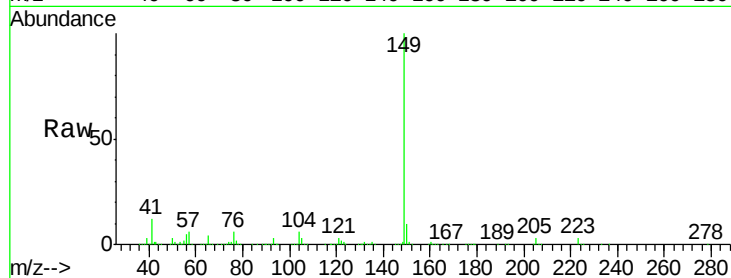
Tgt Ion:149 Resp: 1257282

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

104 6.0 3.8 5.6#



#74

Fluoranthene

Concen: 36.38 ng

RT: 12.33 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

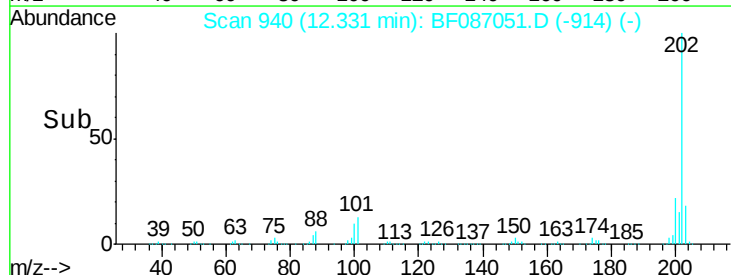
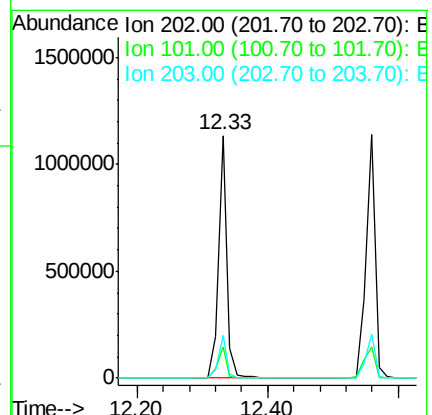
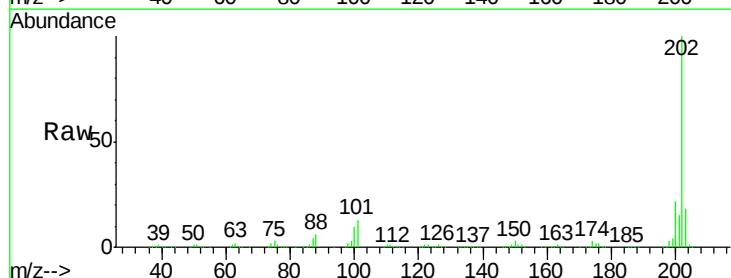
Tgt Ion:202 Resp: 1035880

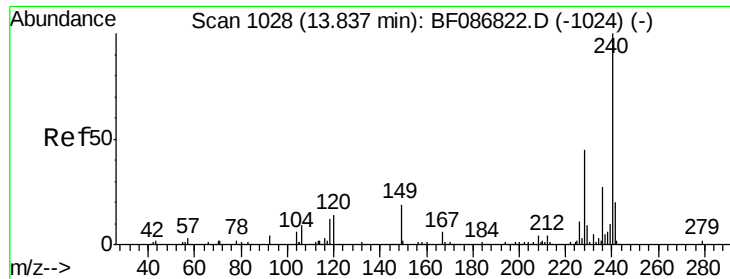
Ion Ratio Lower Upper

202 100

101 12.6 0.0 35.4

203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

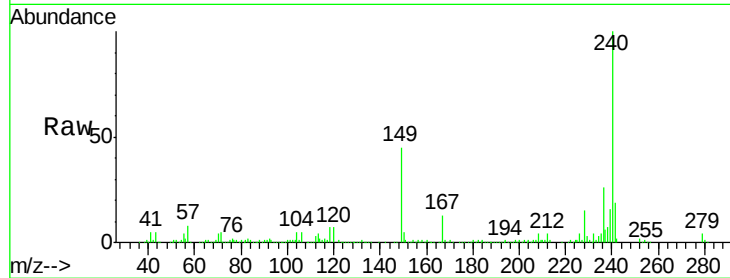
Tgt Ion:240 Resp: 301924

Ion Ratio Lower Upper

240 100

120 7.2 11.2 16.8#

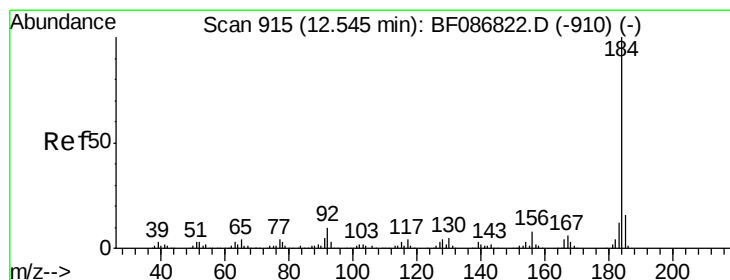
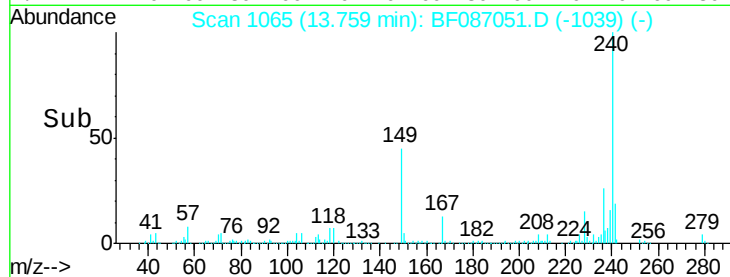
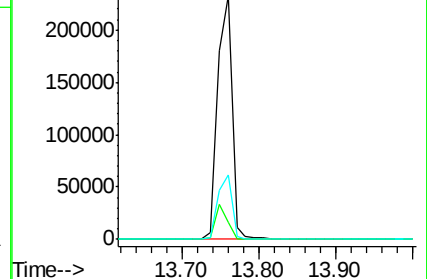
236 26.5 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.96 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

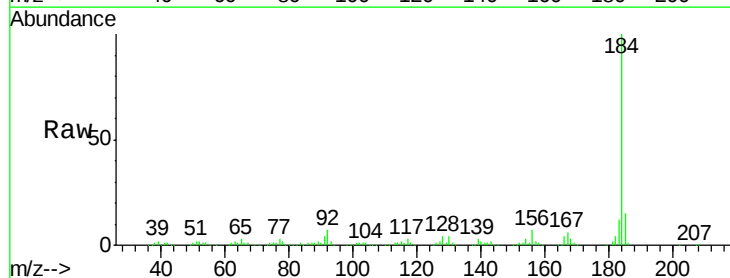
Tgt Ion:184 Resp: 315259

Ion Ratio Lower Upper

184 100

185 15.5 13.6 20.4

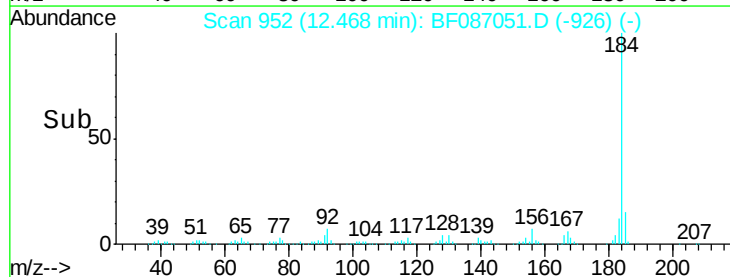
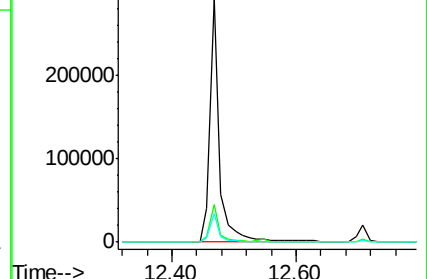
183 11.7 9.8 14.6

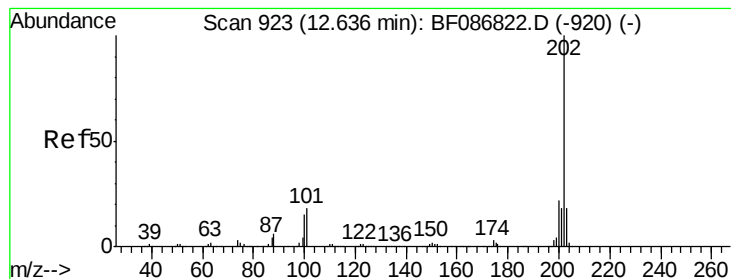


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.93 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

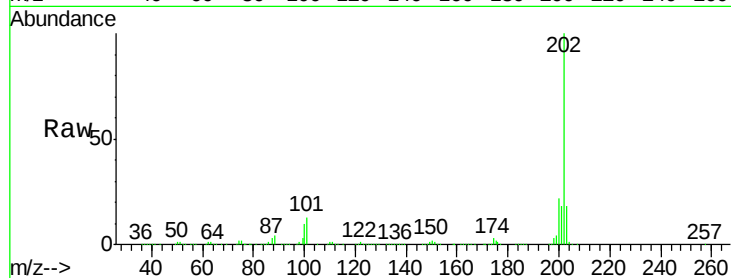
Tgt Ion:202 Resp: 1084877

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

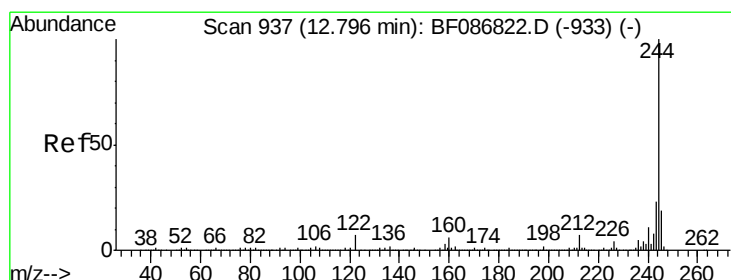
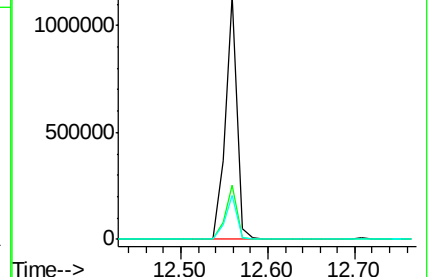
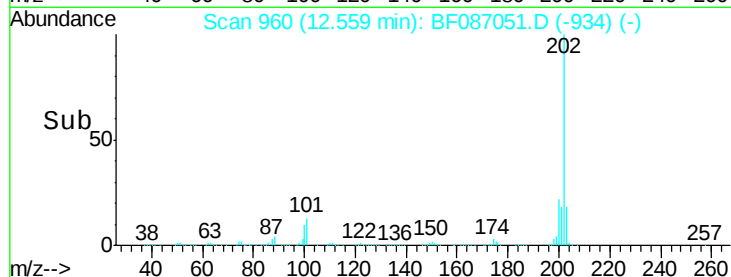
203 18.0 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.02 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

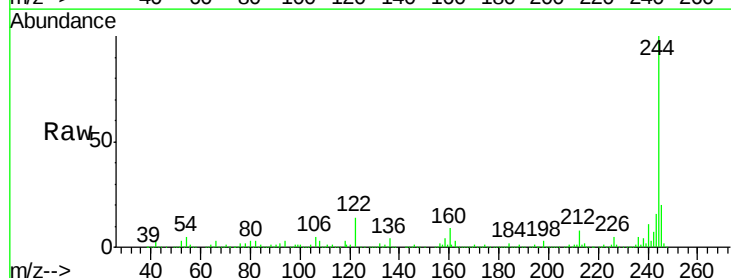
Tgt Ion:244 Resp: 1195557

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

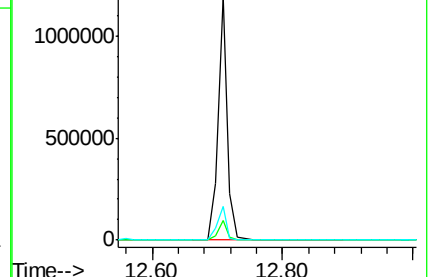
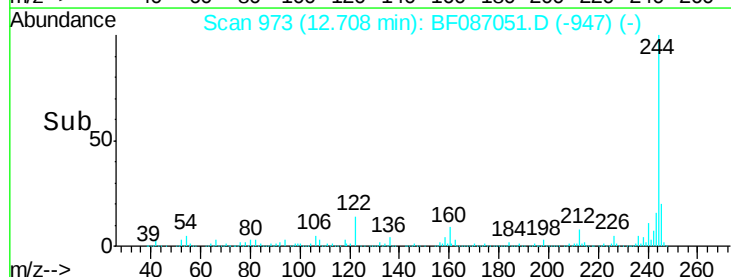
122 13.9 12.0 18.0

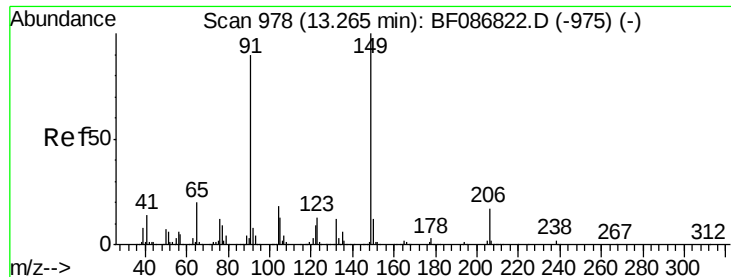


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

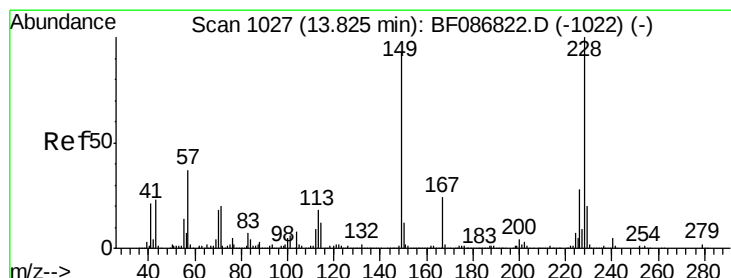
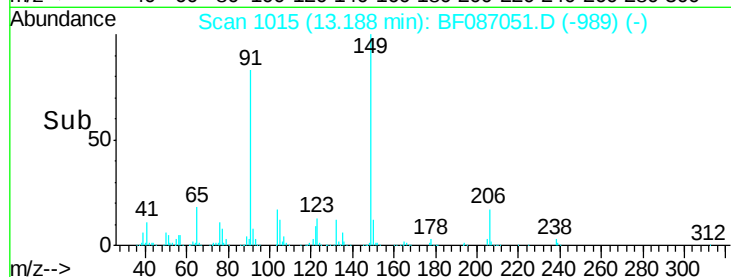
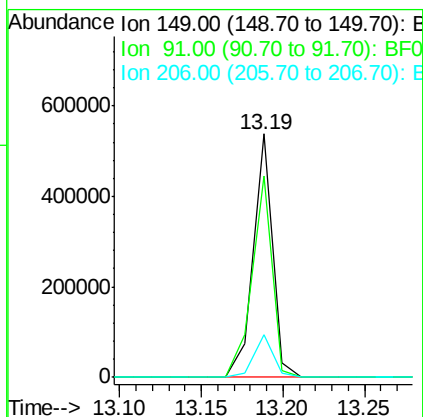
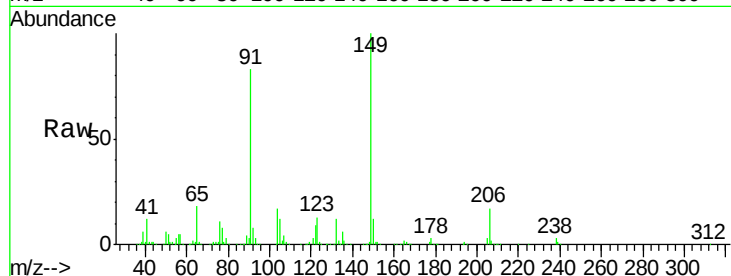




#79  
Butylbenzylphthalate  
Concen: 45.59 ng  
RT: 13.19 min Scan# 1015  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

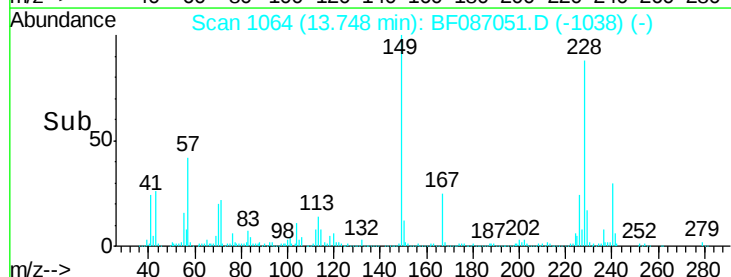
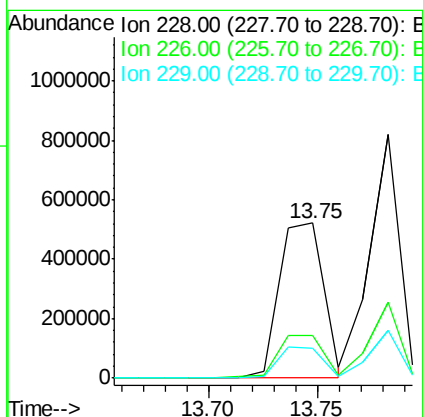
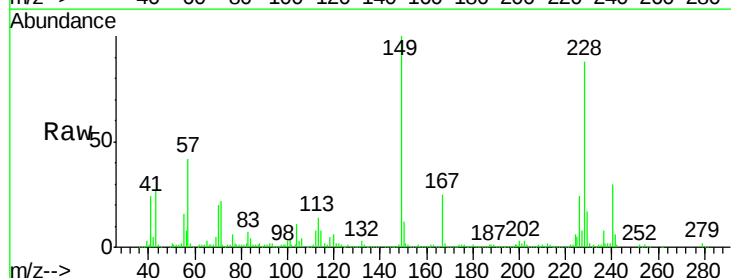
Instrument :  
BNA\_F  
ClientSampleId :

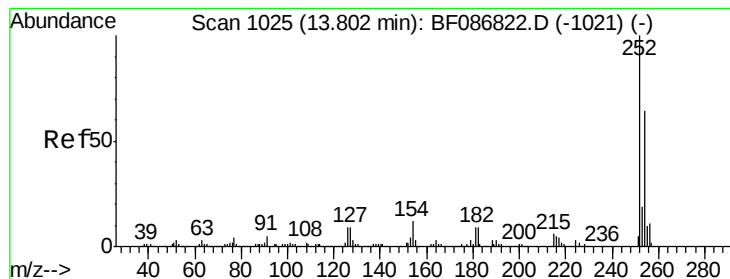
Tgt Ion:149 Resp: 445727  
Ion Ratio Lower Upper  
149 100  
91 82.6 48.0 72.0#  
206 17.5 15.8 23.6



#80  
Benzo(a)anthracene  
Concen: 43.88 ng  
RT: 13.75 min Scan# 1064  
Delta R.T. 0.00 min  
Lab File: BF087051.D  
Acq: 15 May 2016 6:20

Tgt Ion:228 Resp: 743679  
Ion Ratio Lower Upper  
228 100  
226 27.8 22.5 33.7  
229 19.6 16.6 25.0

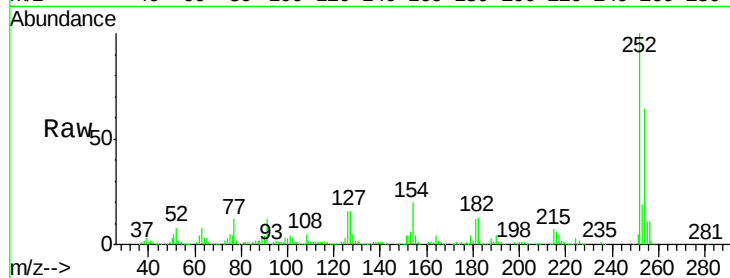




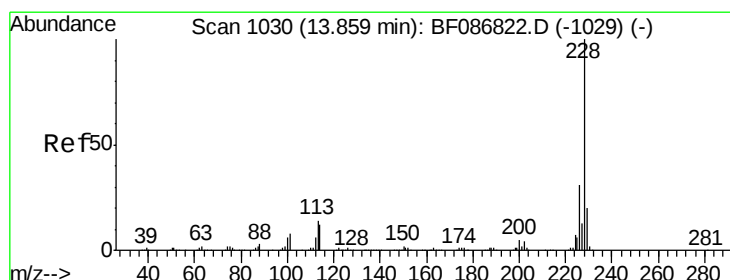
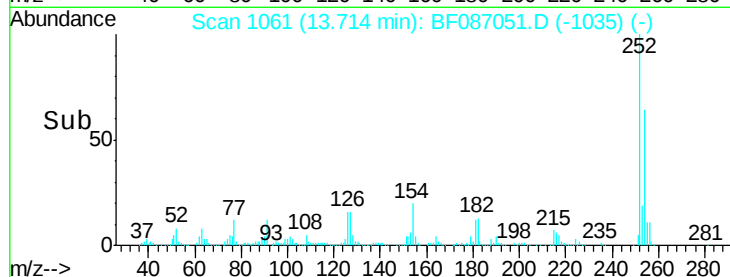
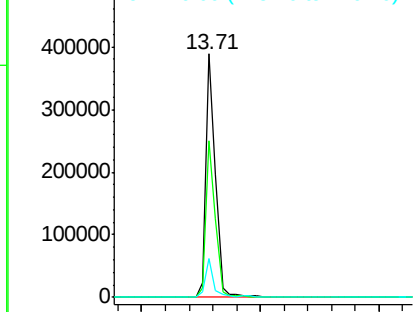
#81  
 3,3'-Dichlorobenzidine  
 Concen: 41.35 ng  
 RT: 13.71 min Scan# 1061  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion:252 Resp: 445265  
 Ion Ratio Lower Upper  
 252 100  
 254 64.4 50.7 76.1  
 126 15.8 12.7 19.1

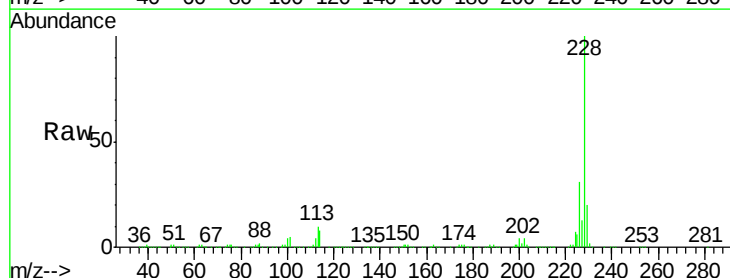


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

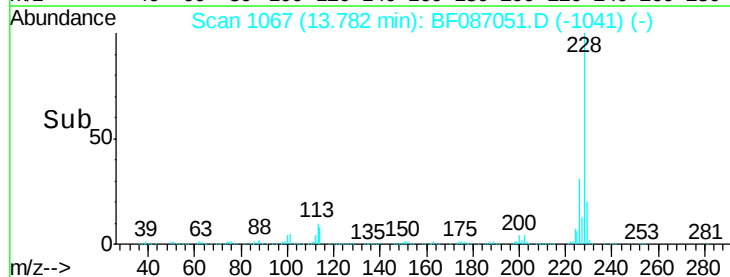
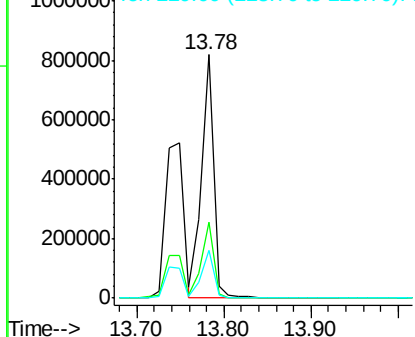


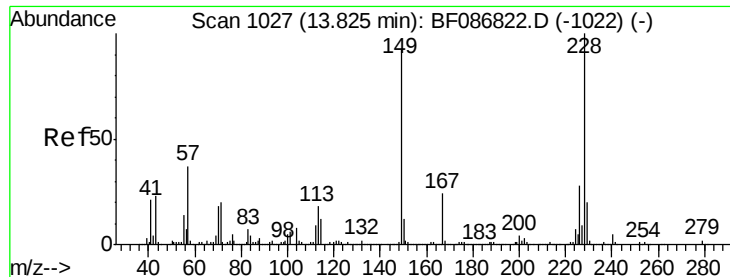
#82  
 Chrysene  
 Concen: 46.06 ng  
 RT: 13.78 min Scan# 1067  
 Delta R.T. 0.00 min  
 Lab File: BF087051.D  
 Acq: 15 May 2016 6:20

Tgt Ion:228 Resp: 794071  
 Ion Ratio Lower Upper  
 228 100  
 226 31.2 24.4 36.6  
 229 19.9 15.8 23.8



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: 45.41 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

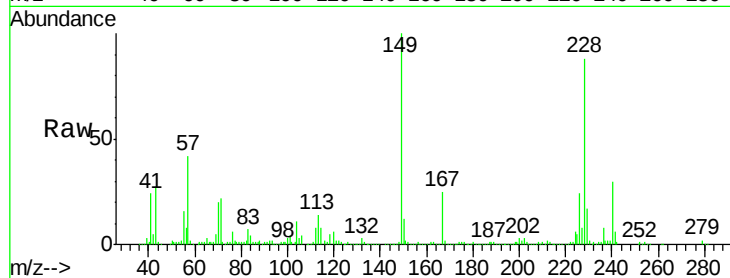
Tgt Ion:149 Resp: 534075

Ion Ratio Lower Upper

149 100

167 24.9 21.8 32.6

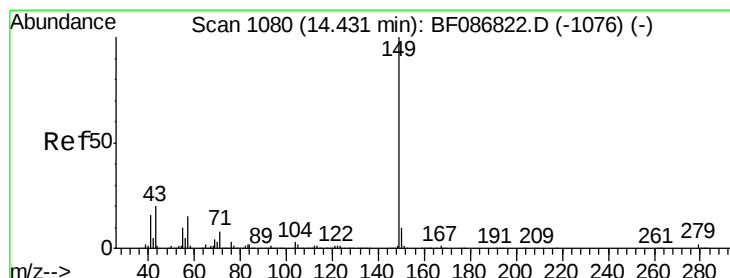
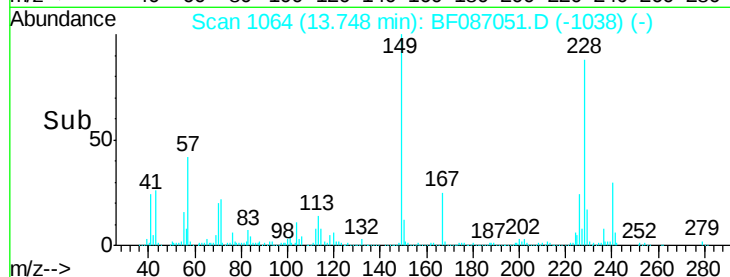
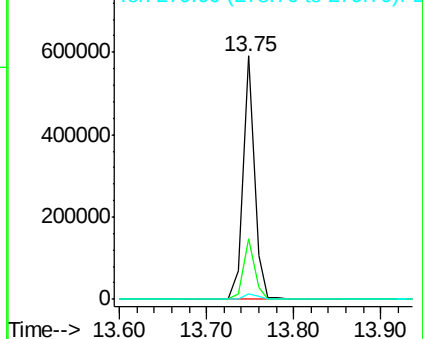
279 2.4 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.50 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

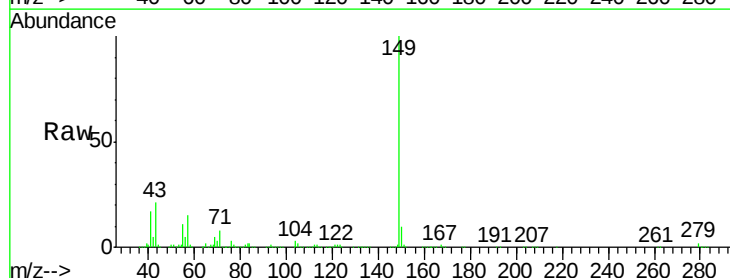
Tgt Ion:149 Resp: 867014

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

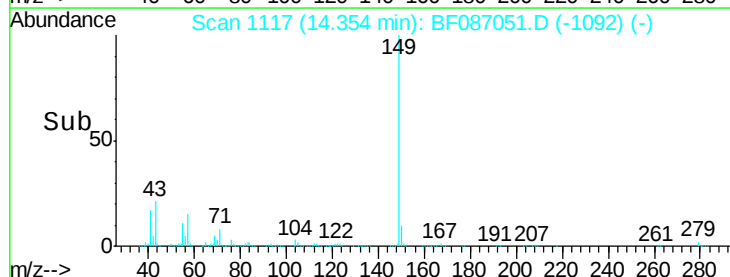
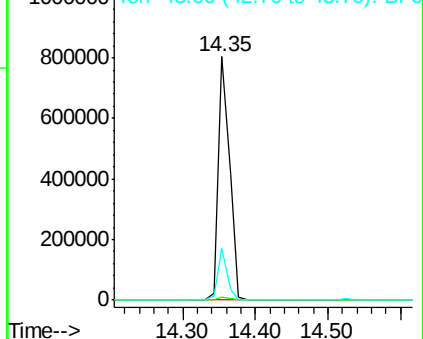
43 17.5 8.2 12.4#

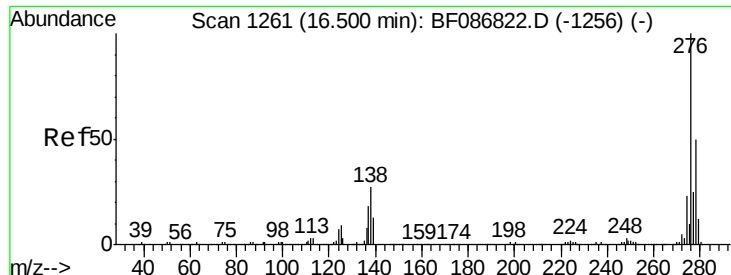


Abundance Ion 149.00 (148.70 to 149.70): E

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: 64.16 ng

RT: 16.37 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampled :

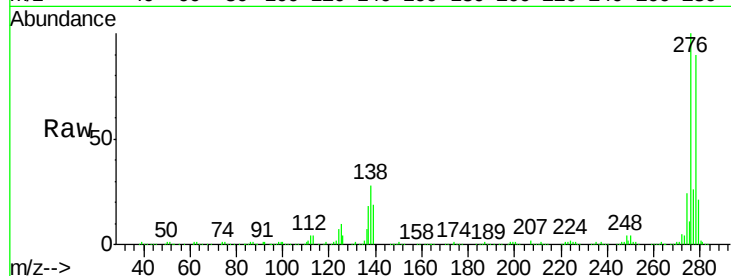
Tgt Ion: 276 Resp: 920417

Ion Ratio Lower Upper

276 100

138 27.4 25.6 38.4

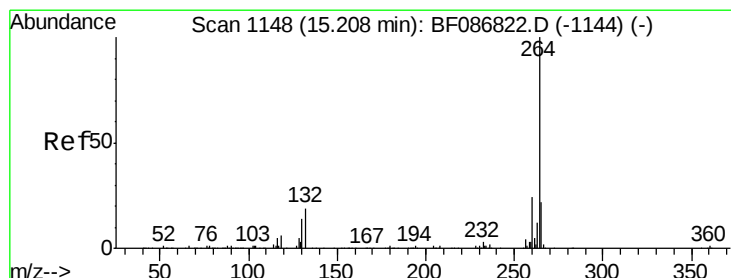
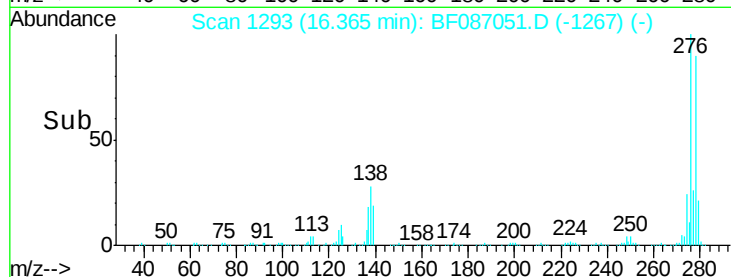
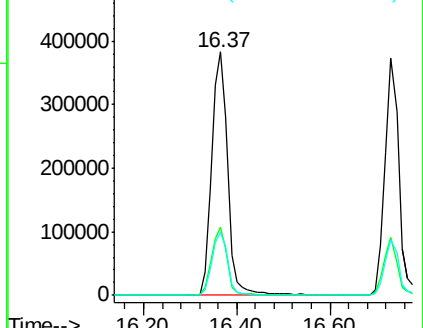
277 25.7 20.5 30.7



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: 15.11 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

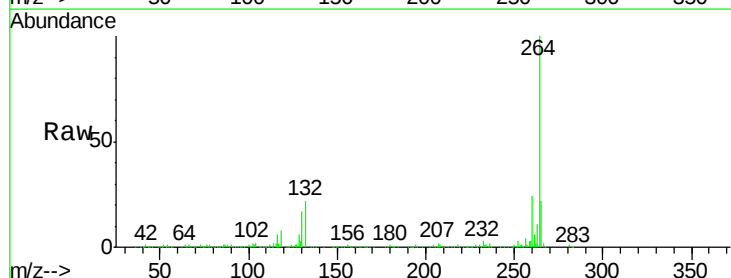
Tgt Ion: 264 Resp: 343791

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

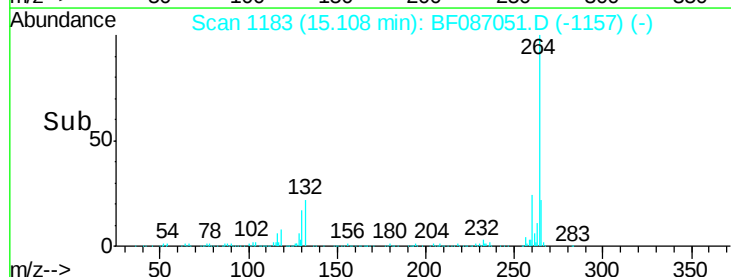
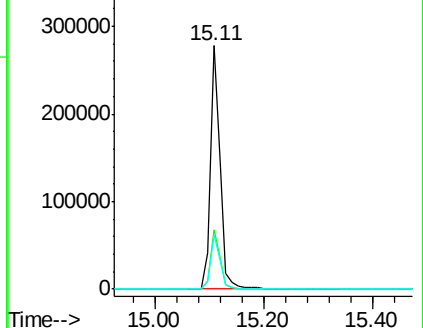
265 22.0 17.3 25.9

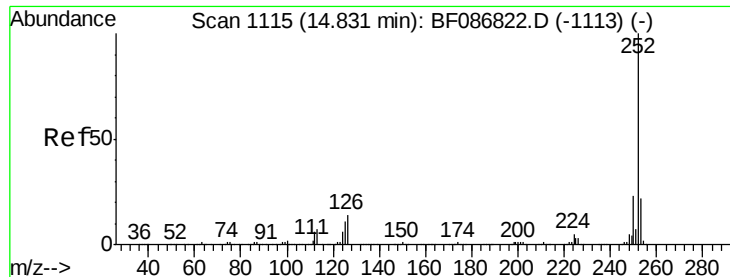


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 32.23 ng m

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

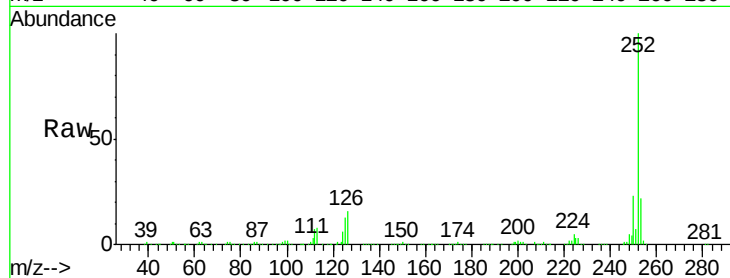
Tgt Ion:252 Resp: 720213

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

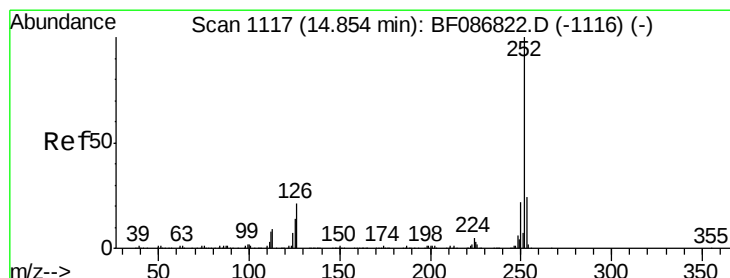
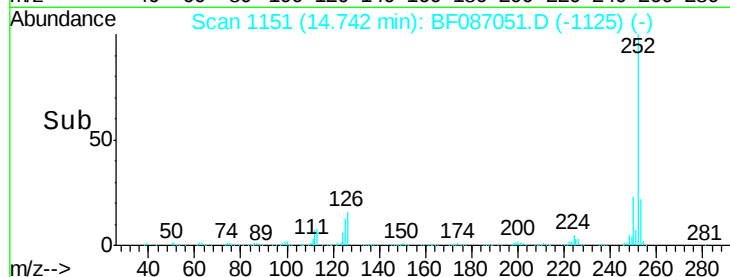
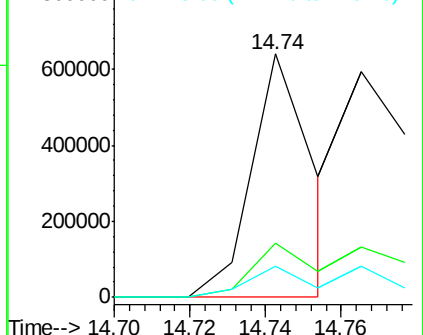
125 12.6 11.4 17.0



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



#88

Benzo(k)fluoranthene

Concen: 40.99 ng m

RT: 14.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

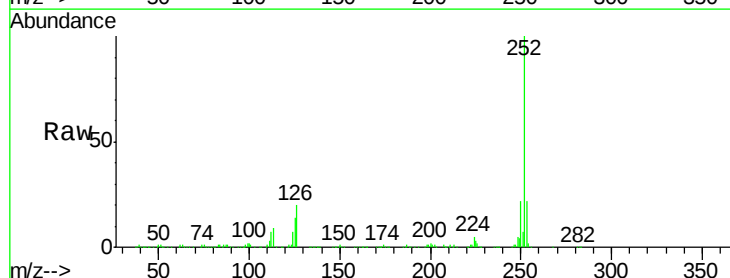
Tgt Ion:252 Resp: 749898

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

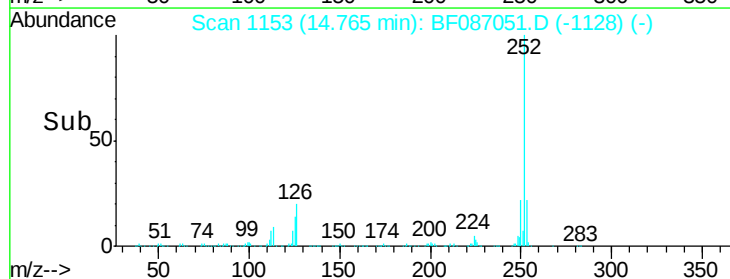
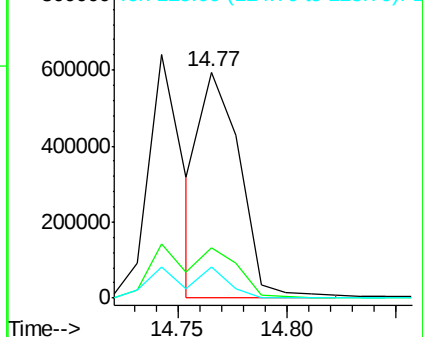
125 13.6 9.1 13.7

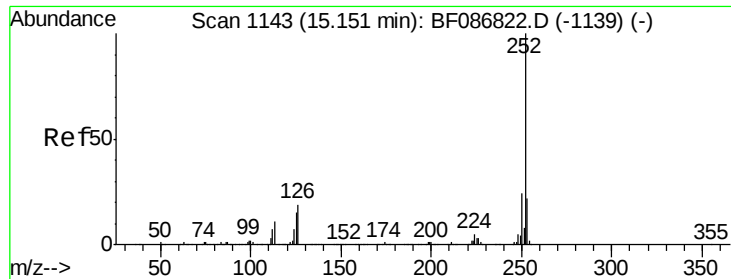


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.59 ng

RT: 15.06 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :

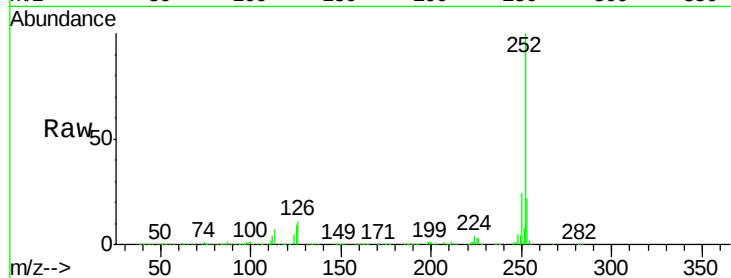
Tgt Ion:252 Resp: 763019

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

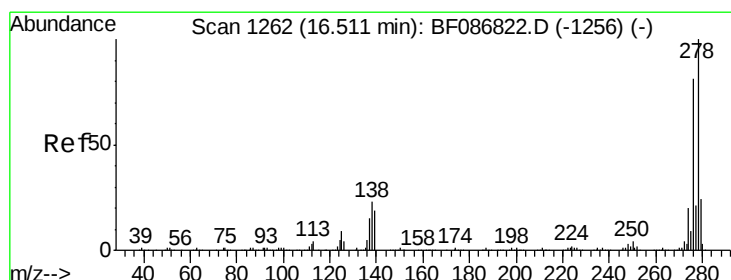
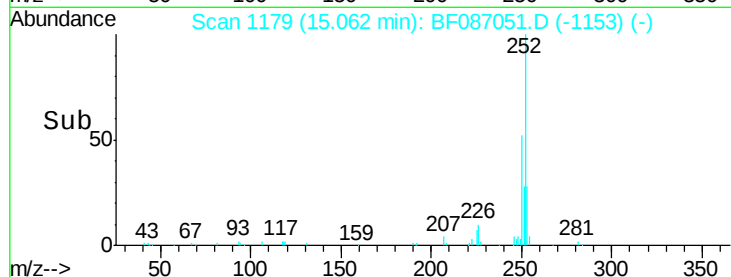
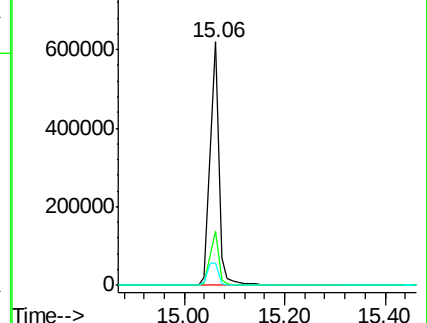
125 9.0 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.46 ng

RT: 16.38 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

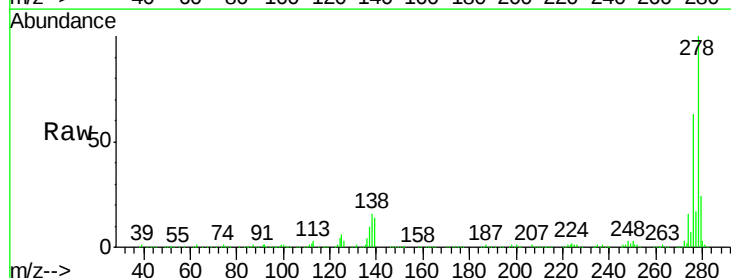
Tgt Ion:278 Resp: 770840

Ion Ratio Lower Upper

278 100

139 14.4 16.6 24.8#

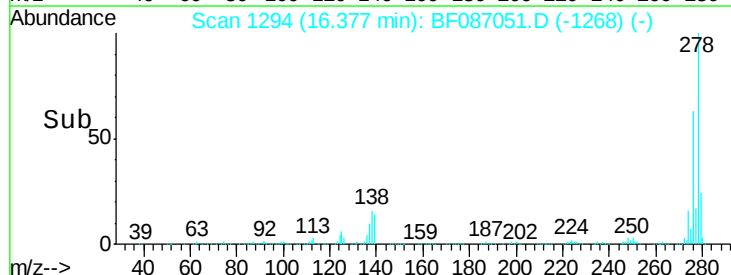
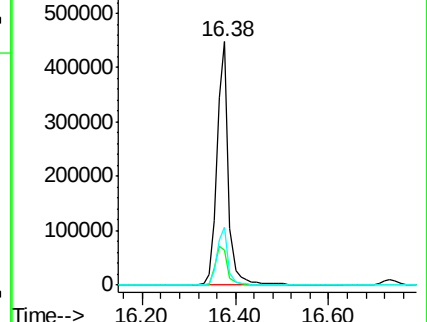
279 23.6 19.6 29.4

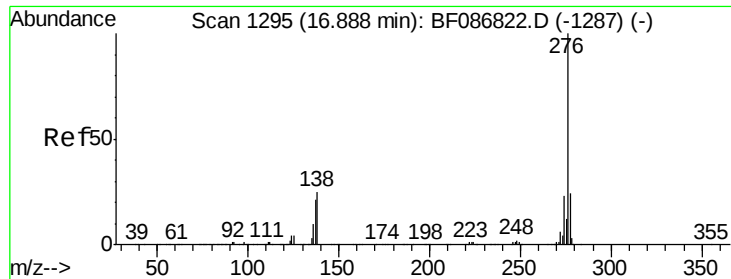


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 47.71 ng

RT: 16.73 min Scan# 1325

Delta R.T. 0.00 min

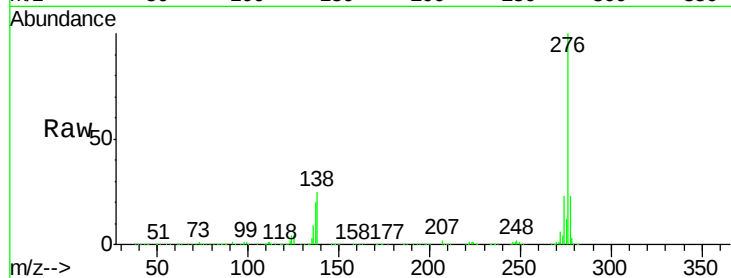
Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA\_F

ClientSampleId :



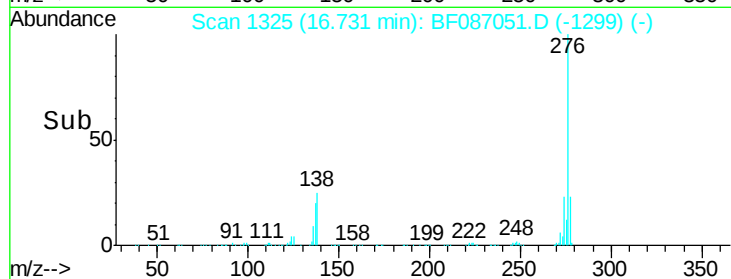
Tgt Ion: 276 Resp: 787350

Ion Ratio Lower Upper

276 100

277 23.4 19.6 29.4

138 24.6 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

