

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF011216\  
 Data File : BF084426.D  
 Acq On : 12 Jan 2016 23:11  
 Operator : SJ/UM  
 Sample : PB87777BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87777BS

Quant Time: Jan 13 00:40:55 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF123115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 04 12:22:40 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.84  | 152  | 272420   | 20.00 | ng    | -0.06    |
| 21) Naphthalene-d8        | 8.13  | 136  | 1118309  | 20.00 | ng    | -0.06    |
| 38) Acenaphthene-d10      | 9.88  | 164  | 478934   | 20.00 | ng    | -0.07    |
| 63) Phenanthrene-d10      | 11.37 | 188  | 895528   | 20.00 | ng    | -0.06    |
| 75) Chrysene-d12          | 14.01 | 240  | 641205   | 20.00 | ng    | -0.06    |
| 86) Perylene-d12          | 15.43 | 264  | 483980   | 20.00 | ng    | -0.08    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.46  | 112 | 1911986 | 113.52 | ng | -0.03 |
| 7) Phenol-d6             | 6.49  | 99  | 2478554 | 117.17 | ng | -0.05 |
| 23) Nitrobenzene-d5      | 7.41  | 82  | 1598549 | 79.56  | ng | -0.06 |
| 41) 2,4,6-Tribromophenol | 10.68 | 330 | 630737  | 130.45 | ng | -0.06 |
| 44) 2-Fluorobiphenyl     | 9.21  | 172 | 2290494 | 84.06  | ng | -0.06 |
| 78) Terphenyl-d14        | 12.96 | 244 | 2157360 | 75.10  | ng | -0.06 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.49 | 88  | 274671  | 34.43 | ng | # 79   |
| 3) Pyridine                    | 3.21 | 79  | 840172  | 37.77 | ng | # 83   |
| 4) n-Nitrosodimethylamine      | 3.15 | 42  | 387769  | 33.96 | ng | # 94   |
| 6) Aniline                     | 6.51 | 93  | 766620  | 24.77 | ng | 94     |
| 8) 2-Chlorophenol              | 6.64 | 128 | 761789  | 39.87 | ng | 92     |
| 9) Benzaldehyde                | 6.38 | 77  | 133262  | 9.68  | ng | 97     |
| 10) Phenol                     | 6.51 | 94  | 810949  | 33.72 | ng | 83     |
| 11) bis(2-Chloroethyl)ether    | 6.58 | 93  | 712301  | 38.23 | ng | # 82   |
| 12) 1,3-Dichlorobenzene        | 6.78 | 146 | 800195  | 40.59 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.78 | 146 | 800195  | 40.48 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 7.01 | 146 | 721086  | 38.09 | ng | 98     |
| 15) Benzyl Alcohol             | 6.99 | 79  | 633674  | 35.61 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45  | 1227411 | 36.18 | ng | 86     |
| 17) 2-Methylphenol             | 7.10 | 107 | 629607  | 39.31 | ng | 97     |
| 18) Hexachloroethane           | 7.36 | 117 | 309541  | 39.16 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70  | 546024  | 38.13 | ng | # 80   |
| 20) 3+4-Methylphenols          | 7.26 | 107 | 741300  | 39.38 | ng | # 81   |
| 22) Acetophenone               | 7.25 | 105 | 1004492 | 37.35 | ng | 97     |
| 24) Nitrobenzene               | 7.42 | 77  | 741686  | 36.39 | ng | 94     |
| 25) Isophorone                 | 7.66 | 82  | 1483017 | 38.59 | ng | 97     |
| 26) 2-Nitrophenol              | 7.74 | 139 | 390357  | 42.09 | ng | # 85   |
| 27) 2,4-Dimethylphenol         | 7.79 | 122 | 712578  | 37.95 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 7.88 | 93  | 906599  | 38.62 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.00 | 162 | 660196  | 42.22 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180 | 653436  | 40.47 | ng | # 92   |
| 31) Naphthalene                | 8.16 | 128 | 2171922 | 42.81 | ng | 99     |
| 32) Benzoic acid               | 7.92 | 122 | 391412  | 34.44 | ng | 96     |
| 33) 4-Chloroaniline            | 8.20 | 127 | 350312  | 15.06 | ng | 95     |
| 34) Hexachlorobutadiene        | 8.27 | 225 | 356887  | 38.45 | ng | 98     |
| 35) Caprolactam                | 8.57 | 113 | 149737  | 28.40 | ng | # 47   |
| 36) 4-Chloro-3-methylphenol    | 8.69 | 107 | 695337  | 39.69 | ng | 95     |
| 37) 2-Methylnaphthalene        | 8.84 | 142 | 1367525 | 37.55 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.01 | 216 | 604170  | 43.88 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.00 | 237 | 691472  | 83.19 | ng | 99     |

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 Response via : Initial Calibration

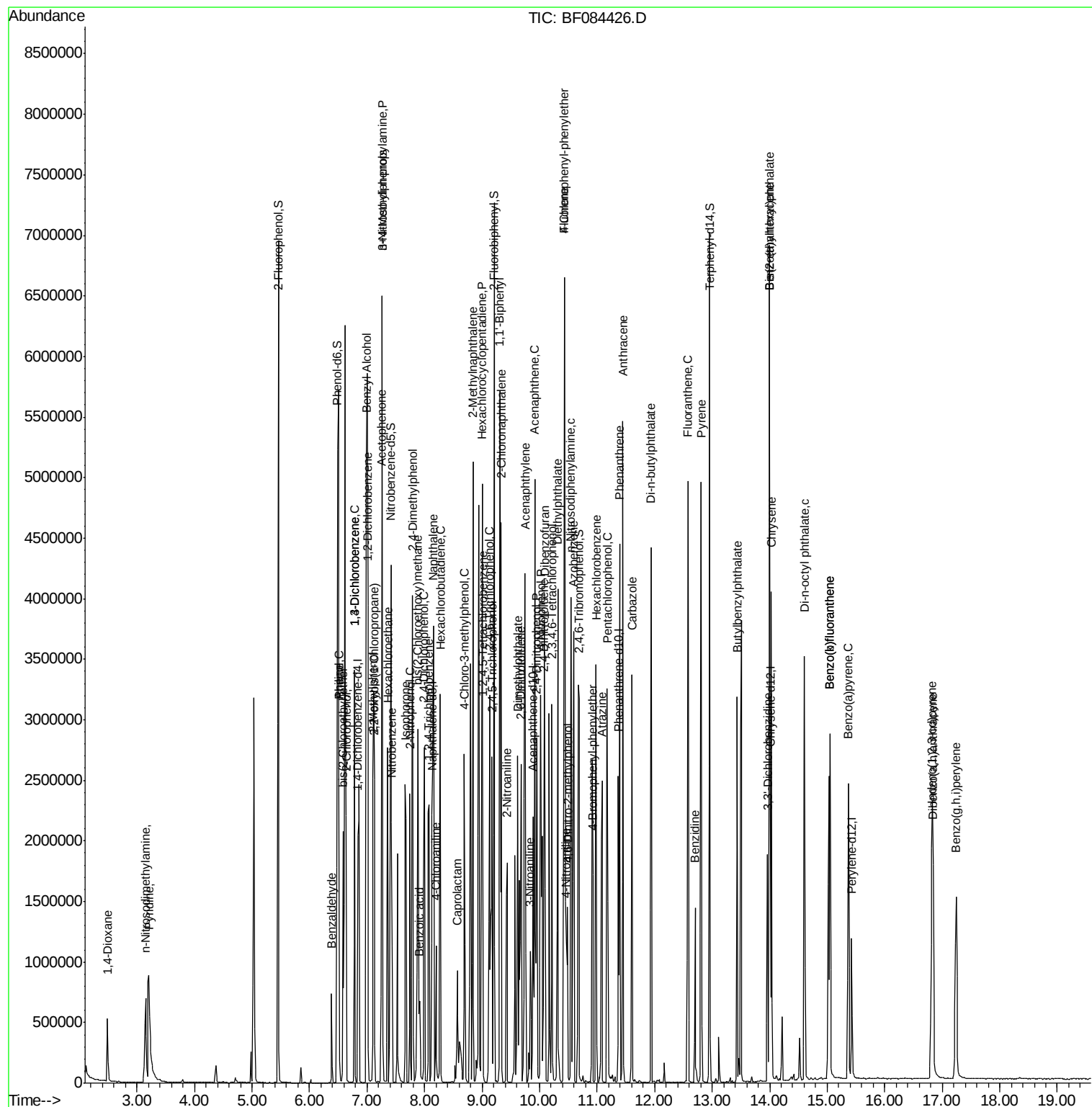
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.13  | 196  | 444567   | 43.16  | ng    | 95       |
| 43) 2,4,5-Trichlorophenol      | 9.17  | 196  | 453811   | 45.96  | ng    | 95       |
| 45) 1,1'-Biphenyl              | 9.31  | 154  | 1782264  | 46.82  | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.33  | 162  | 1315915  | 44.01  | ng    | 93       |
| 47) 2-Nitroaniline             | 9.44  | 65   | 443996   | 44.99  | ng    | # 58     |
| 48) Acenaphthylene             | 9.74  | 152  | 1860744  | 42.12  | ng    | 97       |
| 49) Dimethylphthalate          | 9.62  | 163  | 1563710  | 45.67  | ng    | # 91     |
| 50) 2,6-Dinitrotoluene         | 9.68  | 165  | 373001   | 49.67  | ng    | # 84     |
| 51) Acenaphthene               | 9.92  | 154  | 1399220  | 47.22  | ng    | 98       |
| 52) 3-Nitroaniline             | 9.84  | 138  | 202634   | 21.78  | ng    | 95       |
| 53) 2,4-Dinitrophenol          | 9.95  | 184  | 373609   | 115.16 | ng    | # 87     |
| 54) Dibenzofuran               | 10.09 | 168  | 1684860  | 43.83  | ng    | 92       |
| 55) 4-Nitrophenol              | 10.02 | 139  | 488047   | 72.26  | ng    | # 79     |
| 56) 2,4-Dinitrotoluene         | 10.08 | 165  | 414993   | 43.66  | ng    | # 89     |
| 57) Fluorene                   | 10.43 | 166  | 1233194  | 41.36  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.21 | 232  | 370774   | 43.98  | ng    | 91       |
| 59) Diethylphthalate           | 10.32 | 149  | 1514465  | 44.86  | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.43 | 204  | 650862   | 53.47  | ng    | 89       |
| 61) 4-Nitroaniline             | 10.46 | 138  | 384377   | 46.34  | ng    | # 73     |
| 62) Azobenzene                 | 10.59 | 77   | 1685553  | 45.52  | ng    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.49 | 198  | 264240   | 48.79  | ng    | 86       |
| 65) n-Nitrosodiphenylamine     | 10.54 | 169  | 1156816  | 40.40  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.92 | 248  | 417289   | 43.29  | ng    | 94       |
| 67) Hexachlorobenzene          | 10.98 | 284  | 427116   | 39.37  | ng    | # 88     |
| 68) Atrazine                   | 11.08 | 200  | 417900   | 44.60  | ng    | 94       |
| 69) Pentachlorophenol          | 11.17 | 266  | 423343   | 75.26  | ng    | 97       |
| 70) Phenanthrene               | 11.39 | 178  | 1926072  | 41.12  | ng    | 97       |
| 71) Anthracene                 | 11.45 | 178  | 2085452  | 45.42  | ng    | 97       |
| 72) Carbazole                  | 11.61 | 167  | 1860939  | 41.45  | ng    | 97       |
| 73) Di-n-butylphthalate        | 11.94 | 149  | 2242997  | 47.74  | ng    | # 97     |
| 74) Fluoranthene               | 12.58 | 202  | 1879821  | 38.42  | ng    | 97       |
| 76) Benzidine                  | 12.71 | 184  | 549361   | 23.90  | ng    | 99       |
| 77) Pyrene                     | 12.81 | 202  | 1912698  | 38.01  | ng    | 97       |
| 79) Butylbenzylphthalate       | 13.44 | 149  | 889823   | 40.87  | ng    | # 89     |
| 80) Benzo(a)anthracene         | 14.00 | 228  | 1498250  | 39.79  | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 13.96 | 252  | 382469   | 29.11  | ng    | # 96     |
| 82) Chrysene                   | 14.03 | 228  | 1235561  | 34.15  | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.00 | 149  | 1008261  | 36.65  | ng    | # 95     |
| 84) Di-n-octyl phthalate       | 14.60 | 149  | 1602070  | 34.50  | ng    | # 89     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.82 | 276  | 1394111  | 48.61  | ng    | 96       |
| 87) Benzo(b)fluoranthene       | 15.05 | 252  | 2447128  | 77.30  | ng    | # 94     |
| 88) Benzo(k)fluoranthene       | 15.05 | 252  | 2448242  | 94.55  | ng    | 98       |
| 89) Benzo(a)pyrene             | 15.37 | 252  | 1165949  | 43.42  | ng    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 16.84 | 278  | 1144984  | 49.55  | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.24 | 276  | 1211787  | 50.64  | ng    | 96       |

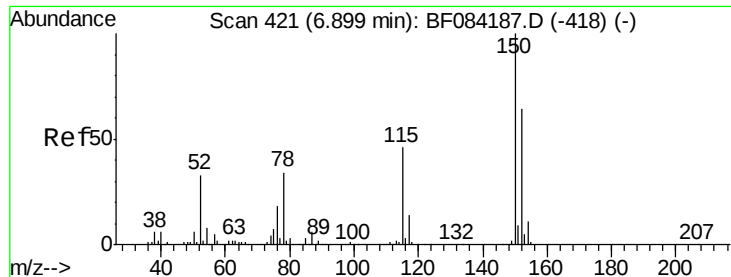
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB87777BS

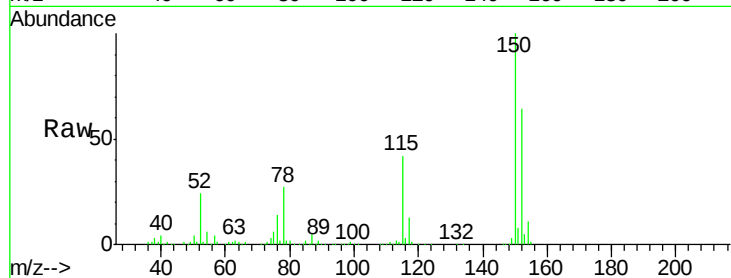
Tgt Ion:152 Resp: 272420

Ion Ratio Lower Upper

152 100

150 156.5 123.0 184.4

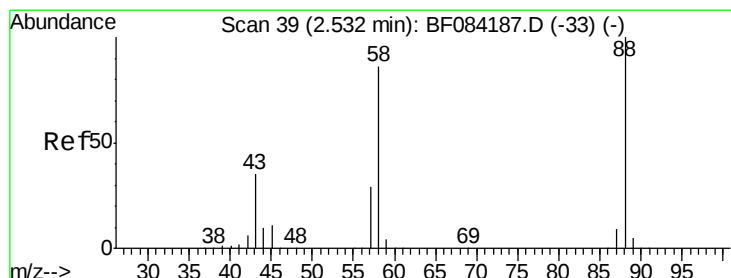
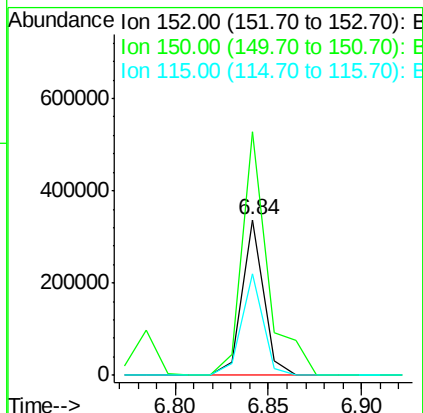
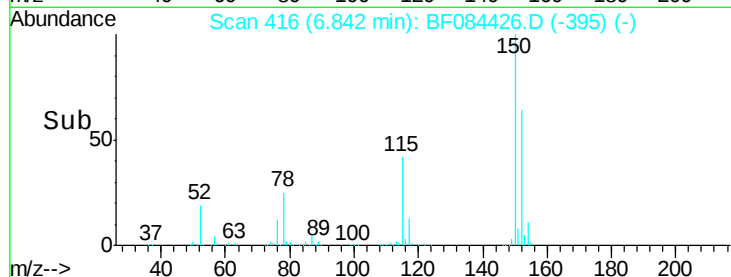
115 65.2 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.43 ng

RT: 2.49 min Scan# 35

Delta R.T. -0.05 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

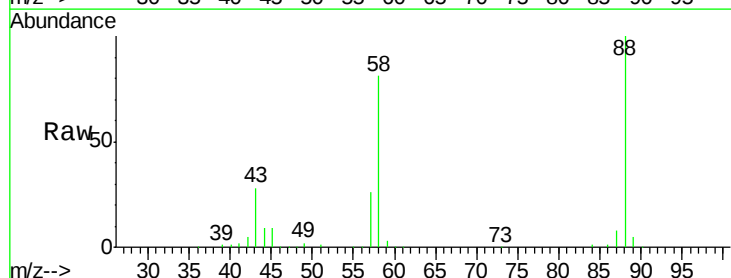
Tgt Ion: 88 Resp: 274671

Ion Ratio Lower Upper

88 100

58 83.5 51.2 76.8#

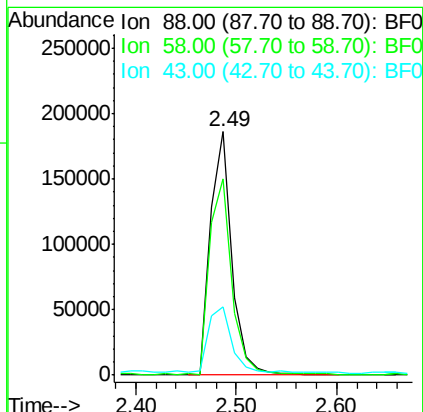
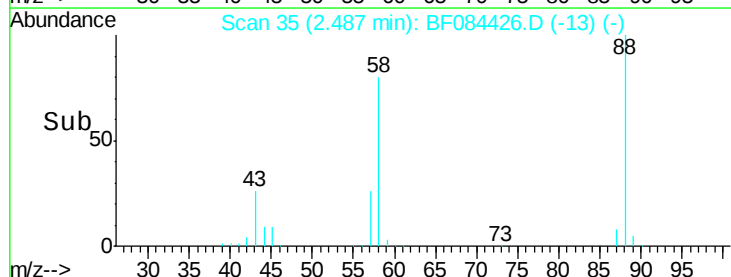
43 29.1 19.5 29.3

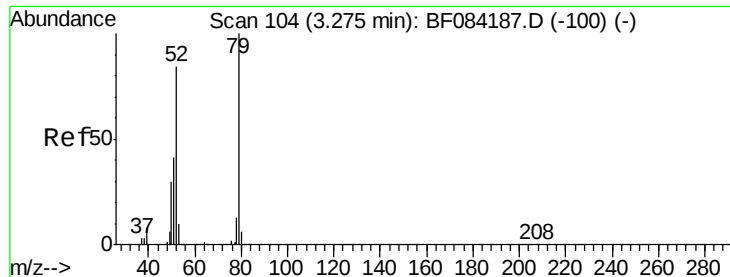


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.77 ng

RT: 3.21 min Scan# 98

Delta R.T. -0.07 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

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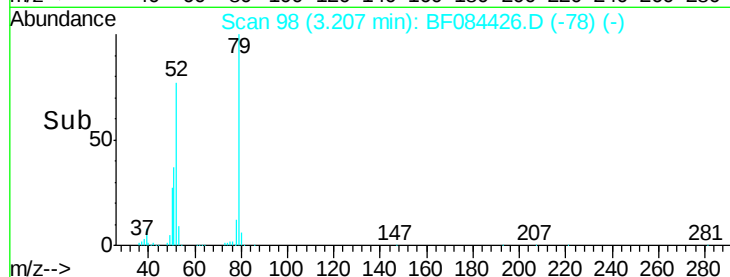
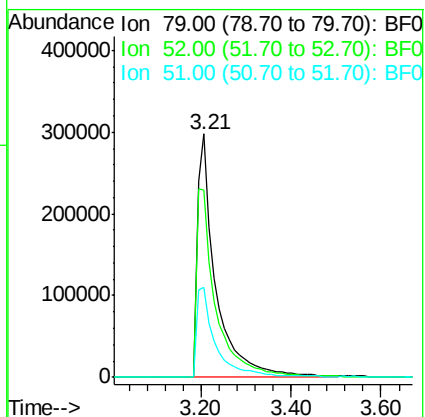
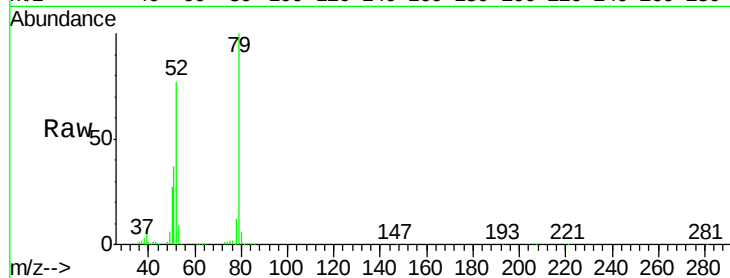
Tgt Ion: 79 Resp: 840172

Ion Ratio Lower Upper

79 100

52 76.9 49.0 73.4#

51 37.0 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 33.96 ng

RT: 3.15 min Scan# 93

Delta R.T. -0.08 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

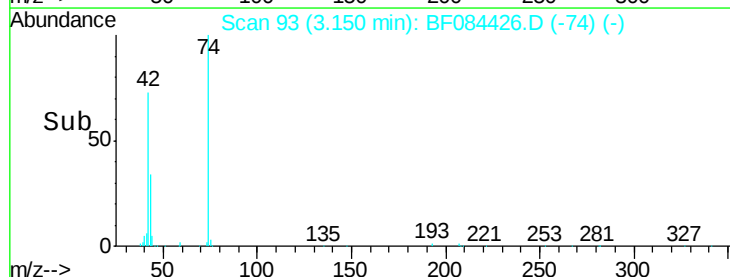
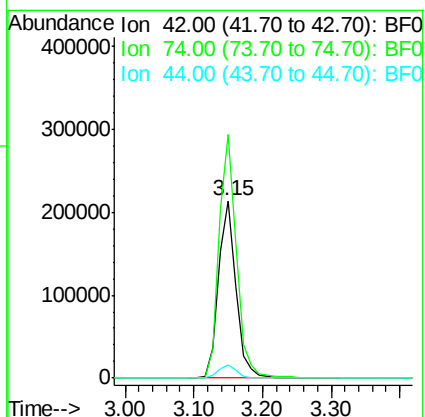
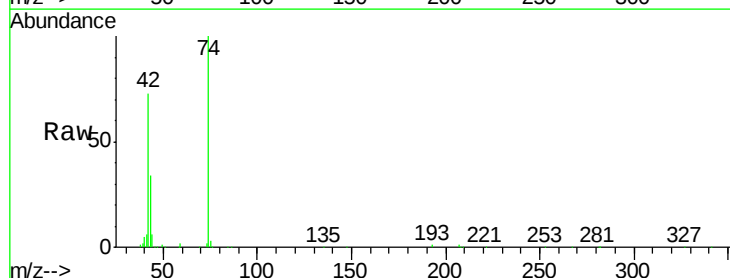
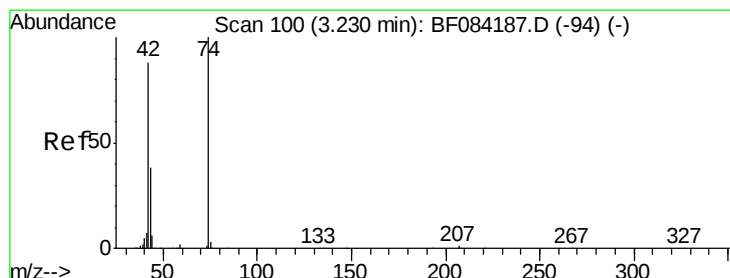
Tgt Ion: 42 Resp: 387769

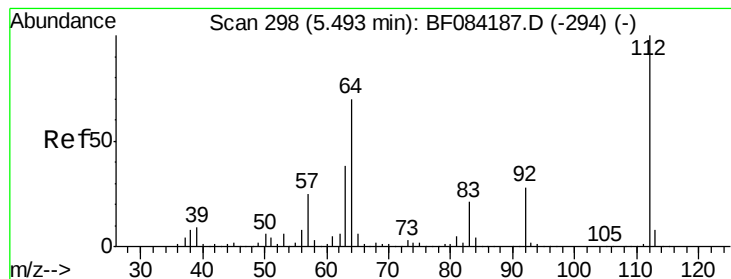
Ion Ratio Lower Upper

42 100

74 137.2 115.7 173.5

44 7.7 5.1 7.7#





#5

2-Fluorophenol

Concen: 113.52 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

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ClientSampleId :

PB8777BS

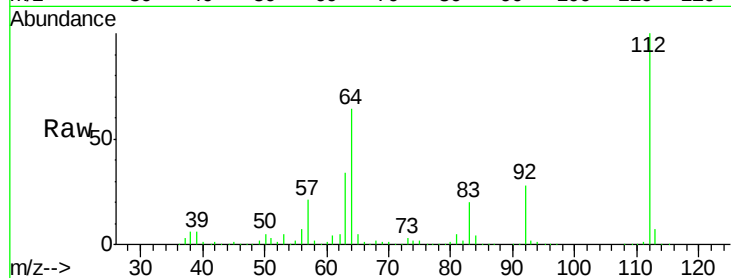
Tgt Ion: 112 Resp: 1911986

Ion Ratio Lower Upper

112 100

64 63.9 36.6 55.0#

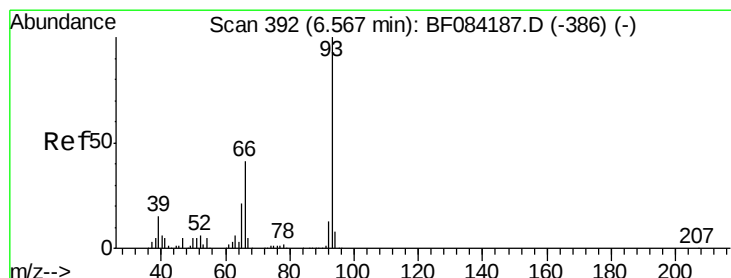
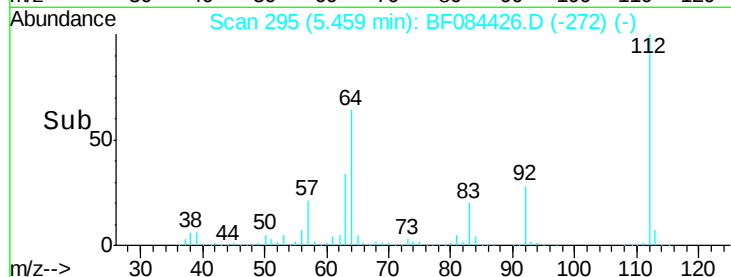
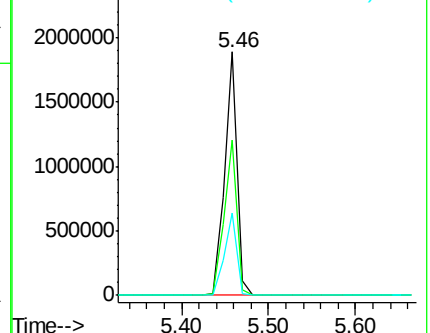
63 33.6 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.77 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

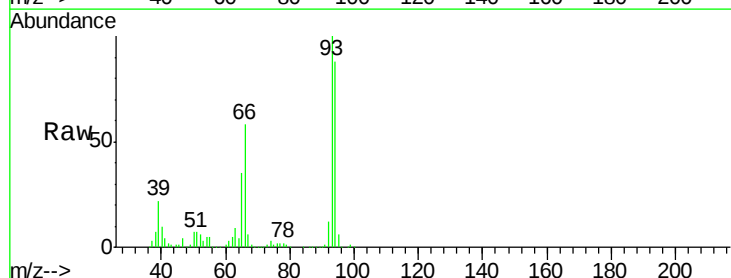
Tgt Ion: 93 Resp: 766620

Ion Ratio Lower Upper

93 100

66 58.3 44.9 67.3

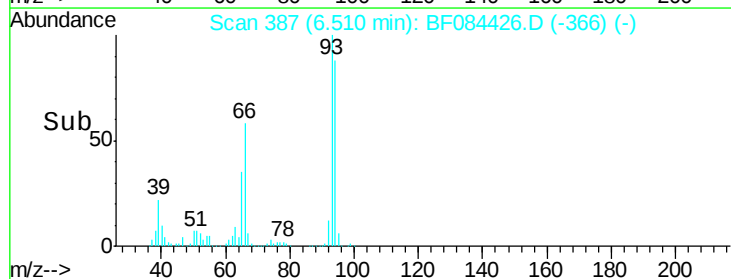
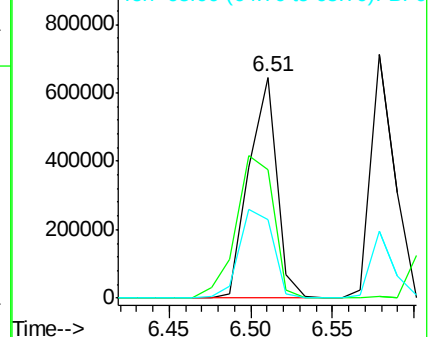
65 35.5 23.7 35.5

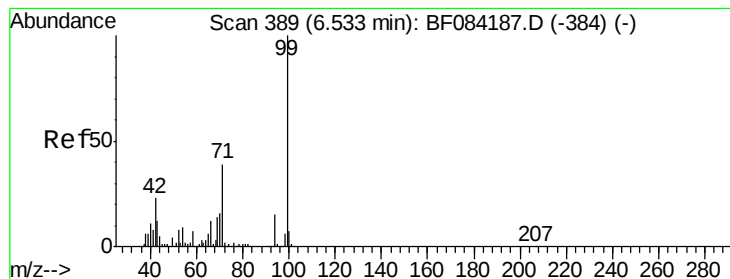


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.17 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

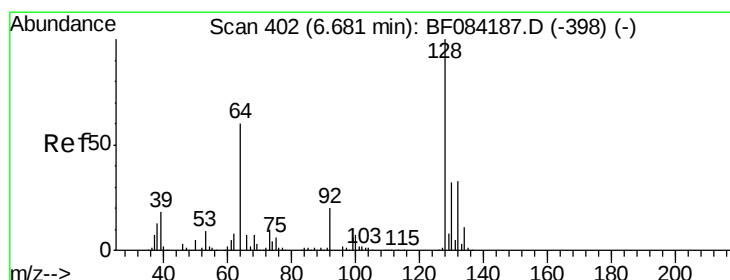
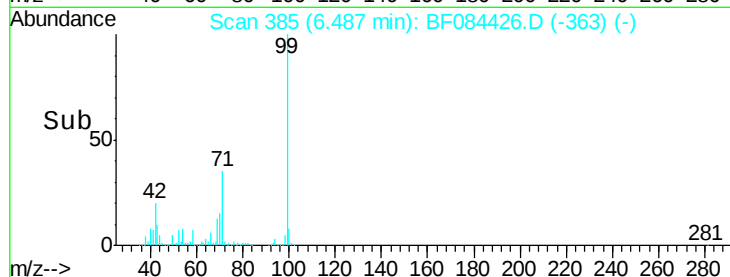
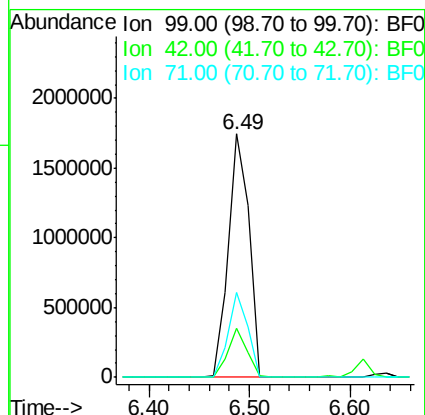
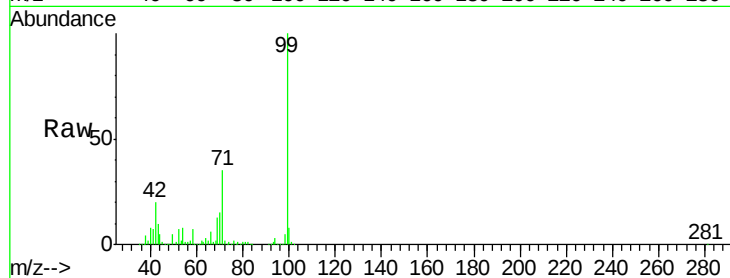
BNA\_F

ClientSampleId :

PB87777BS

Tgt Ion: 99 Resp: 2478554

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.2  | 12.8  | 19.2# |
| 71  | 35.0  | 30.9  | 46.3  |



#8

2-Chlorophenol

Concen: 39.87 ng

RT: 6.64 min Scan# 398

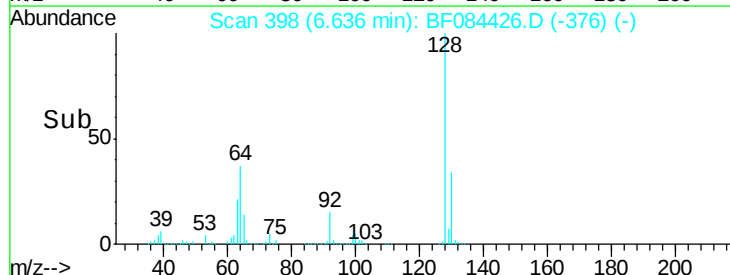
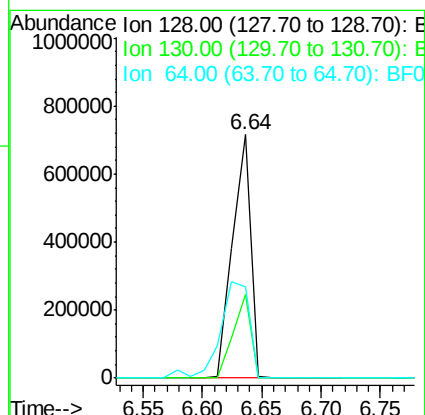
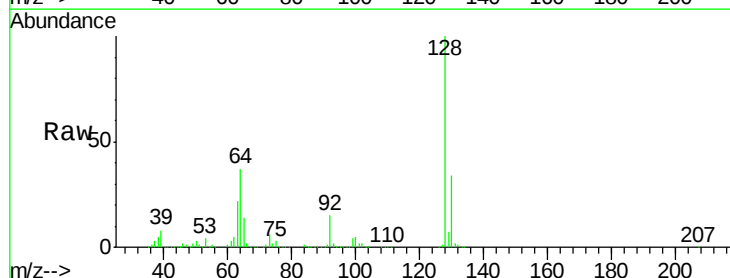
Delta R.T. -0.05 min

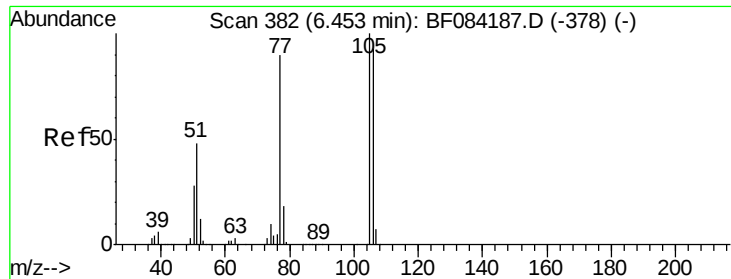
Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Tgt Ion: 128 Resp: 761789

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 34.3  | 11.6  | 51.6  |
| 64  | 37.4  | 23.8  | 63.8  |





#9

Benzaldehyde

Concen: 9.68 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.07 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB8777BS

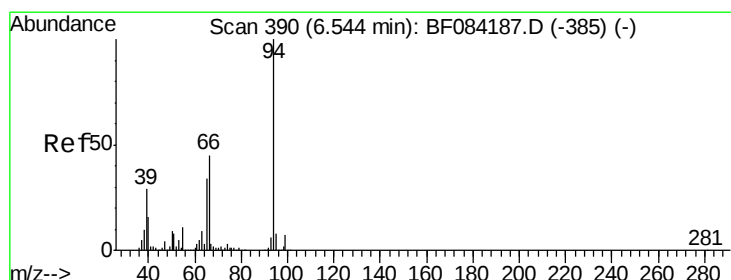
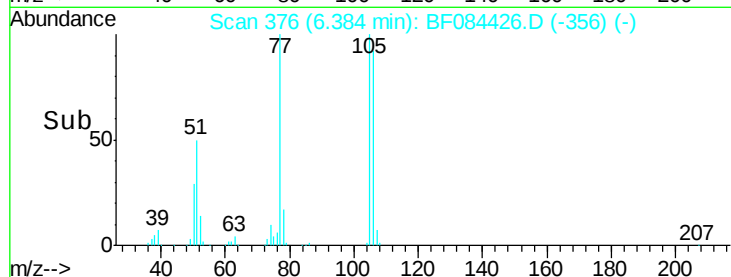
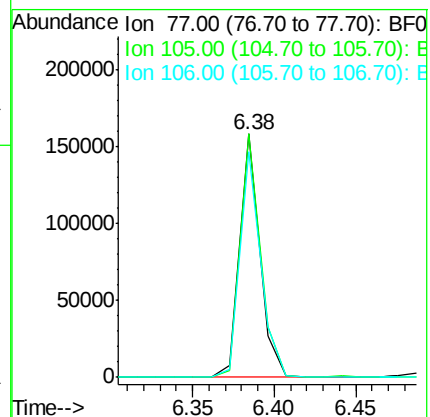
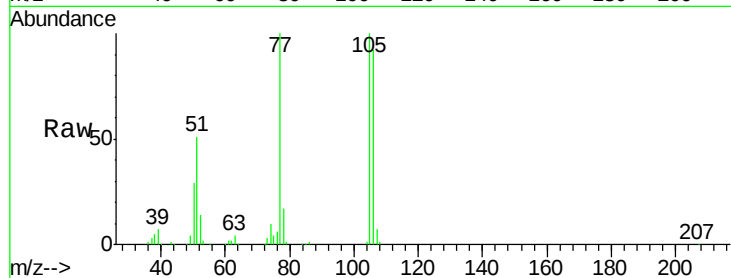
Tgt Ion: 77 Resp: 133262

Ion Ratio Lower Upper

77 100

105 99.9 83.0 123.0

106 92.5 74.6 114.6



#10

Phenol

Concen: 33.72 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.03 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

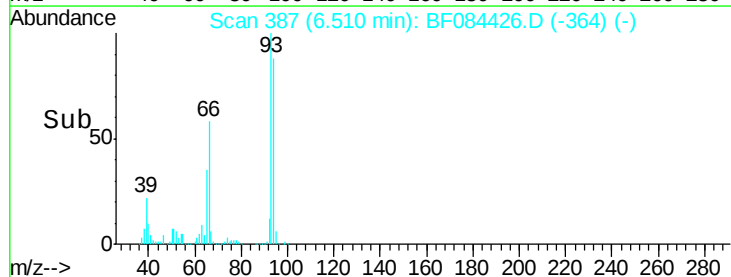
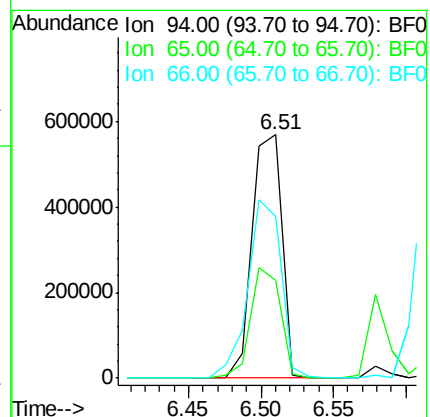
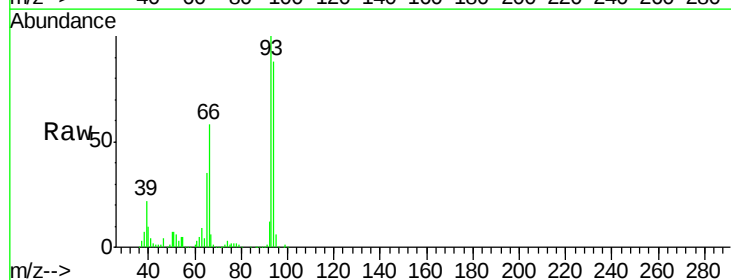
Tgt Ion: 94 Resp: 810949

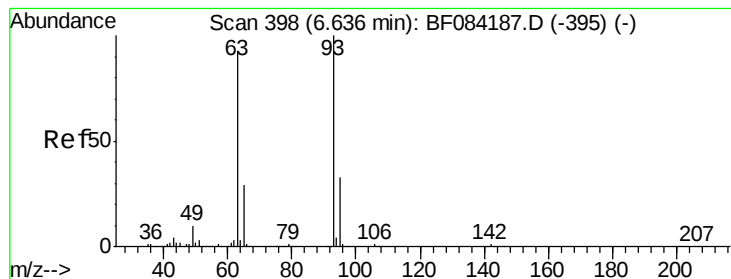
Ion Ratio Lower Upper

94 100

65 40.3 12.9 52.9

66 66.2 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 38.23 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB8777BS

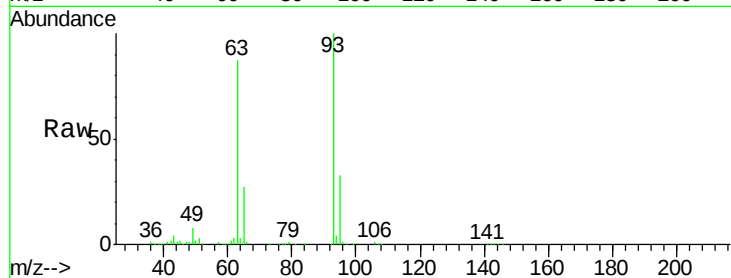
Tgt Ion: 93 Resp: 712301

Ion Ratio Lower Upper

93 100

63 86.5 45.9 85.9#

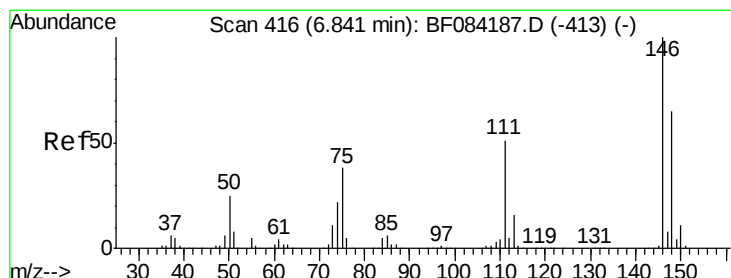
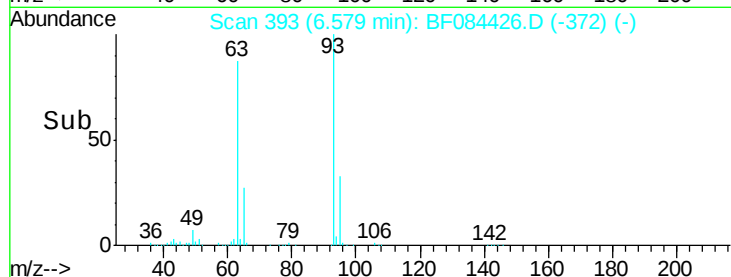
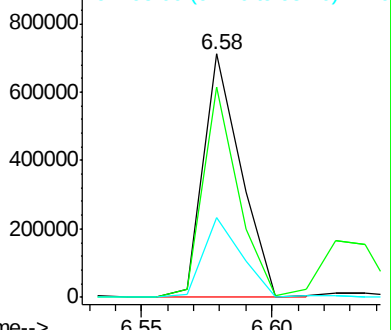
95 33.0 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.59 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

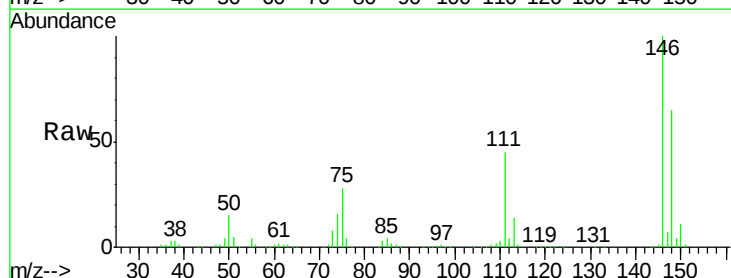
Tgt Ion: 146 Resp: 800195

Ion Ratio Lower Upper

146 100

148 65.1 51.9 77.9

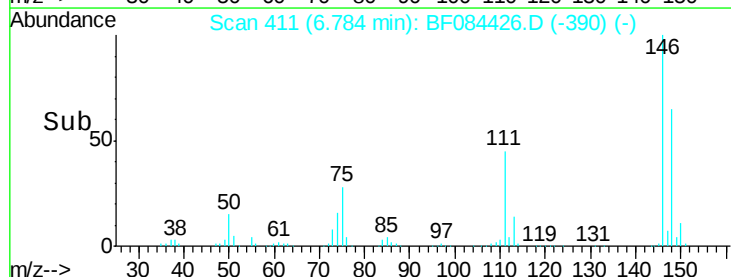
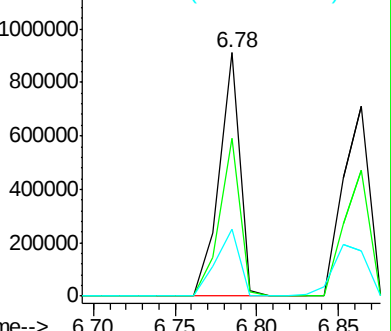
75 27.7 20.5 30.7

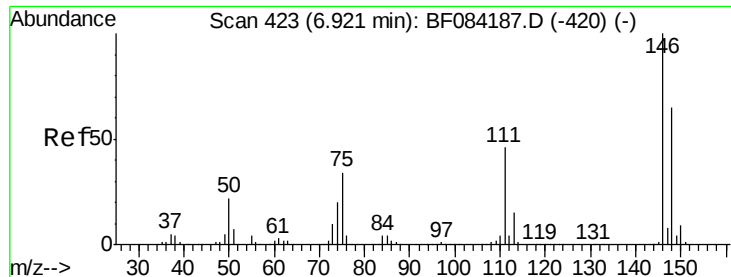


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

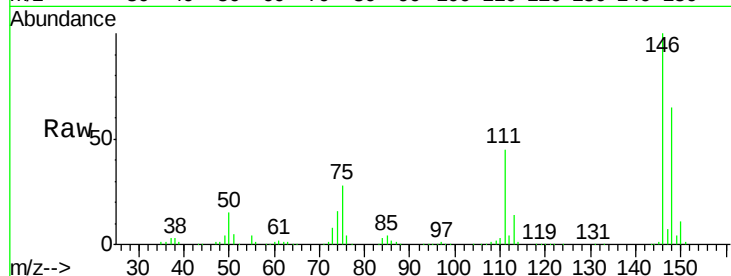




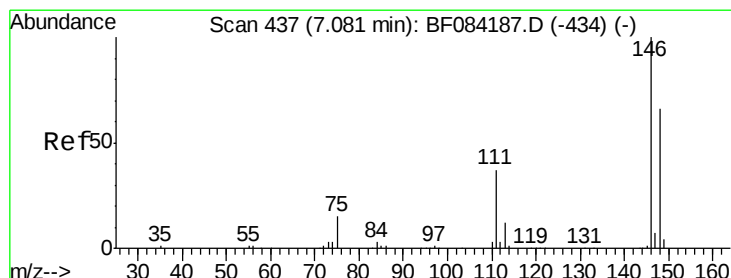
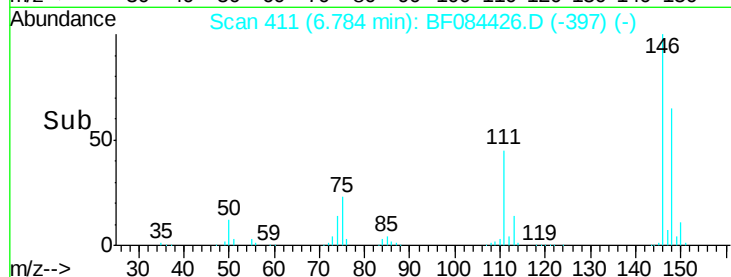
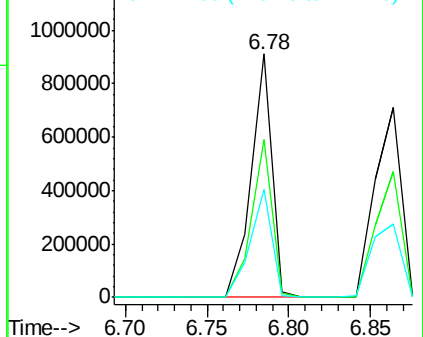
#13  
 1,4-Dichlorobenzene  
 Concen: 40.48 ng  
 RT: 6.78 min Scan# 411  
 Delta R.T. -0.14 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87777BS

Tgt Ion:146 Resp: 800195  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 51.9 77.9  
 111 44.6 41.6 62.4

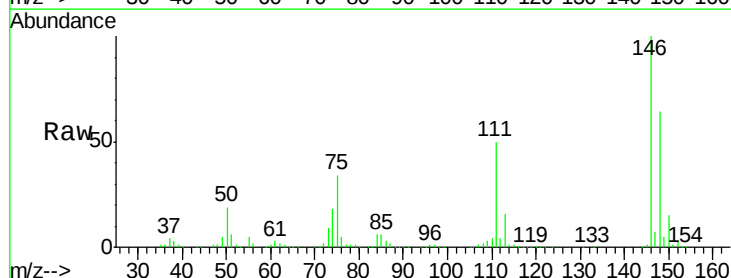


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

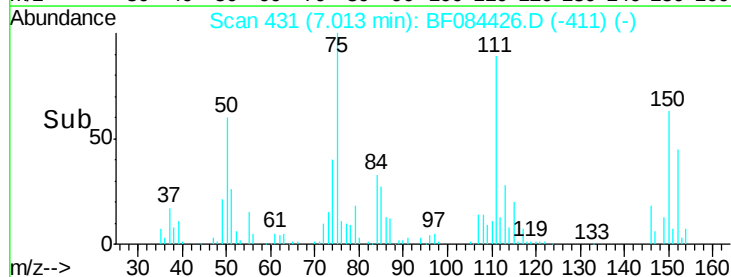
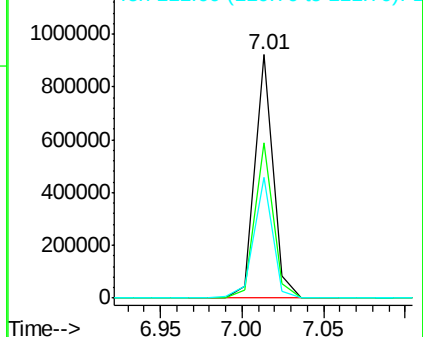


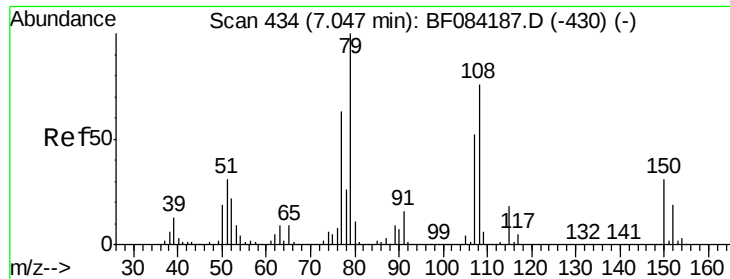
#14  
 1,2-Dichlorobenzene  
 Concen: 38.09 ng  
 RT: 7.01 min Scan# 431  
 Delta R.T. -0.07 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

Tgt Ion:146 Resp: 721086  
 Ion Ratio Lower Upper  
 146 100  
 148 63.9 51.6 77.4  
 111 49.8 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.61 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB87777BS

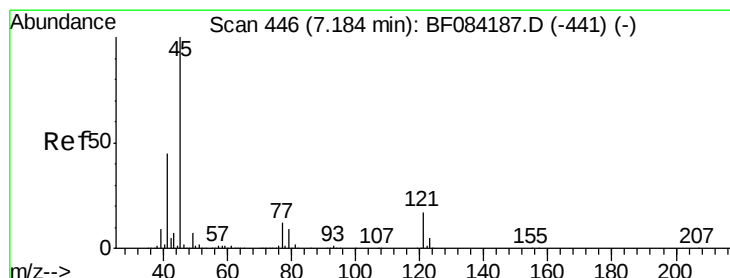
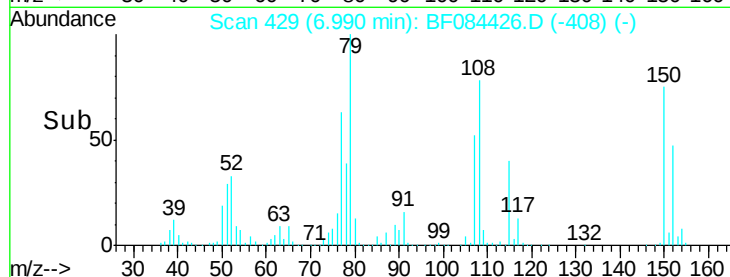
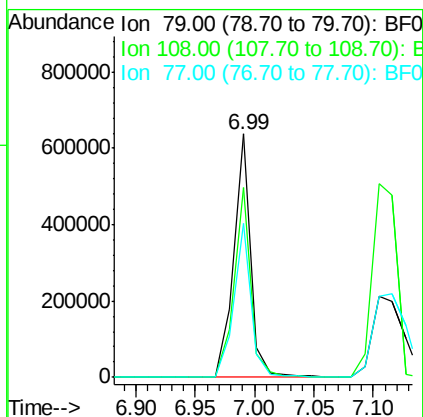
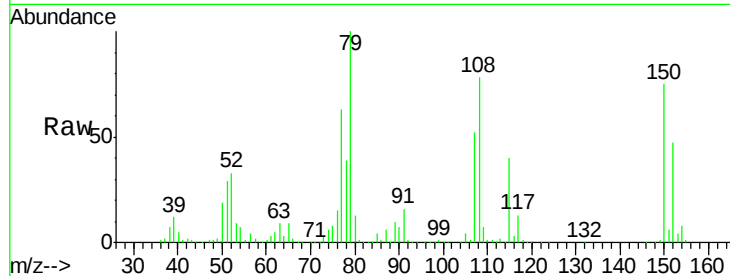
Tgt Ion: 79 Resp: 633674

Ion Ratio Lower Upper

79 100

108 77.9 69.0 103.4

77 63.2 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.18 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

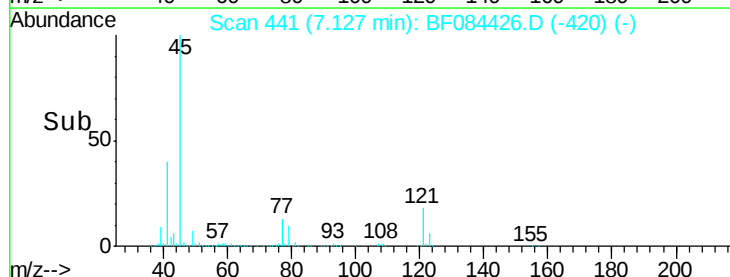
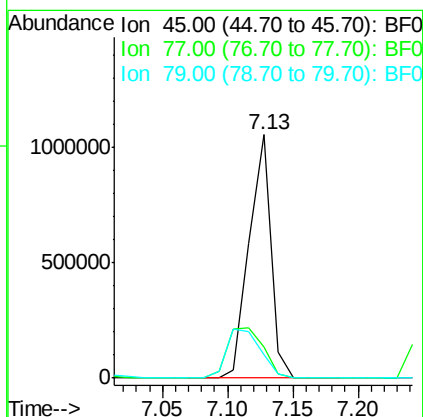
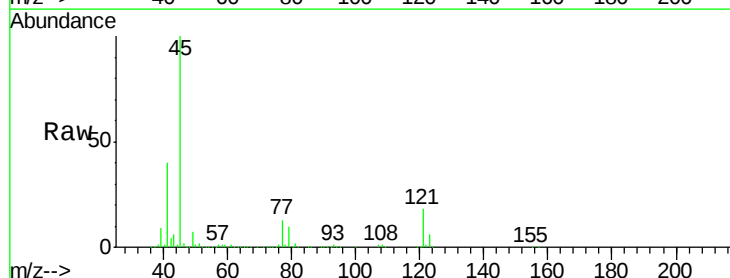
Tgt Ion: 45 Resp: 1227411

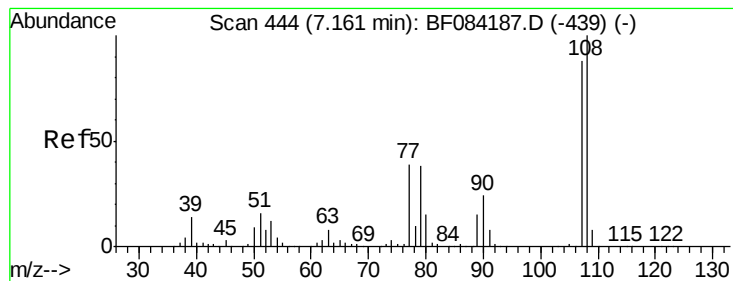
Ion Ratio Lower Upper

45 100

77 12.7 0.0 39.6

79 9.8 0.0 35.0





#17

2-Methylphenol

Concen: 39.31 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB87777BS

Tgt Ion:107 Resp: 629607

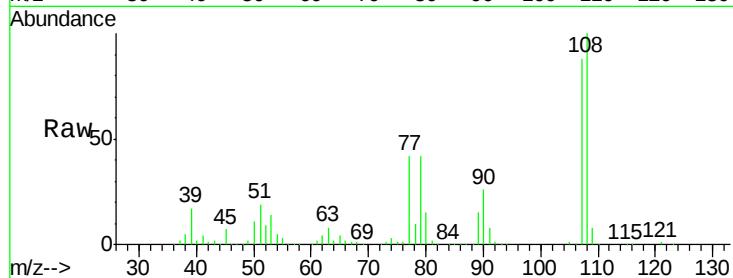
Ion Ratio Lower Upper

107 100

108 114.2 89.8 134.6

77 47.8 35.7 53.5

79 47.5 35.7 53.5

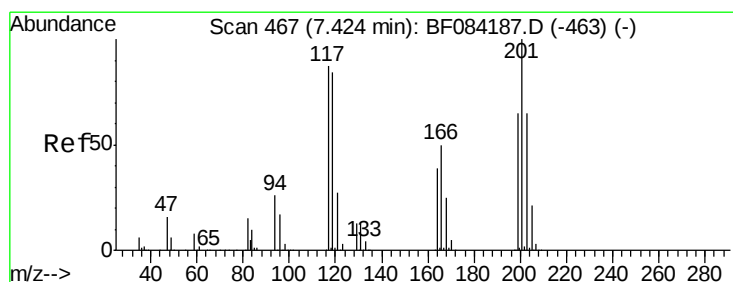
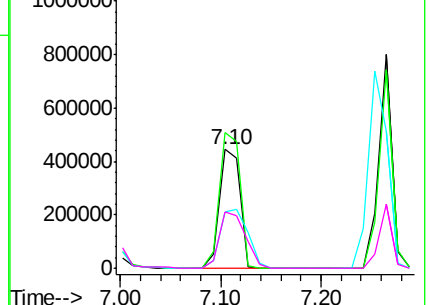
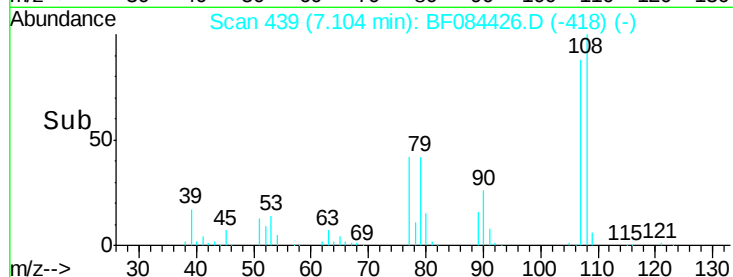


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.16 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.07 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

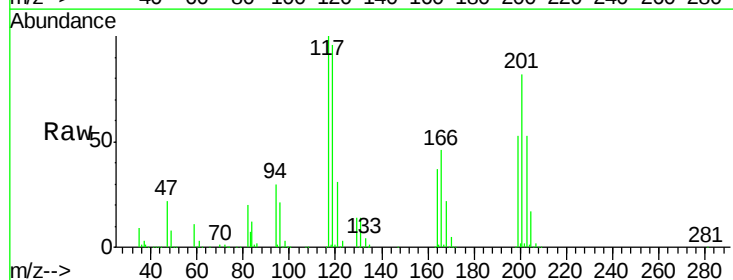
Tgt Ion:117 Resp: 309541

Ion Ratio Lower Upper

117 100

119 95.7 77.4 116.0

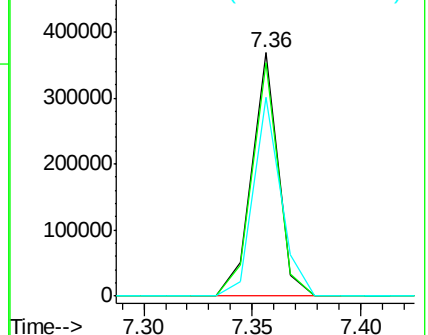
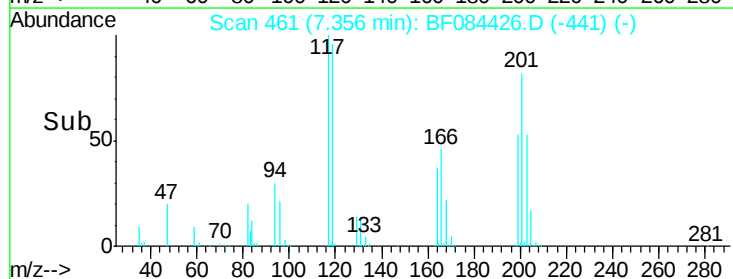
201 81.7 68.6 103.0

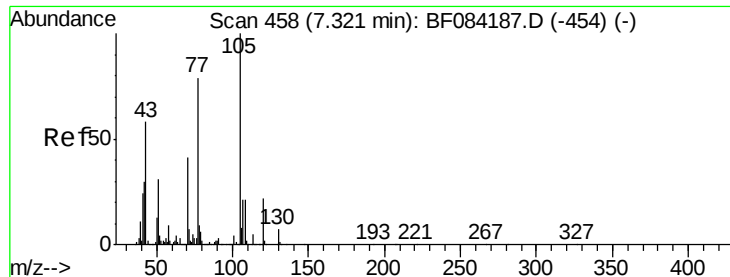


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

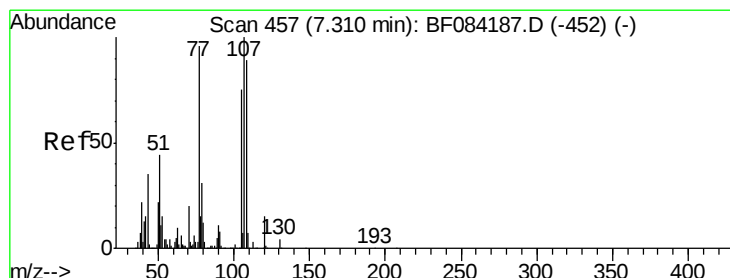
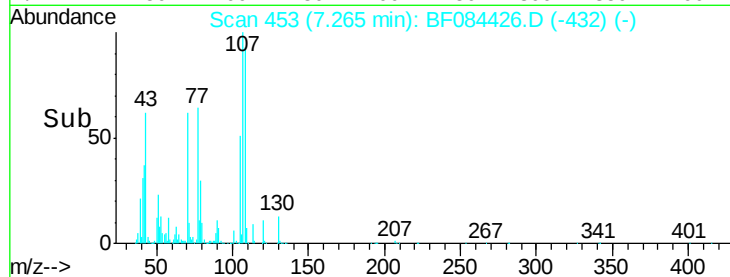
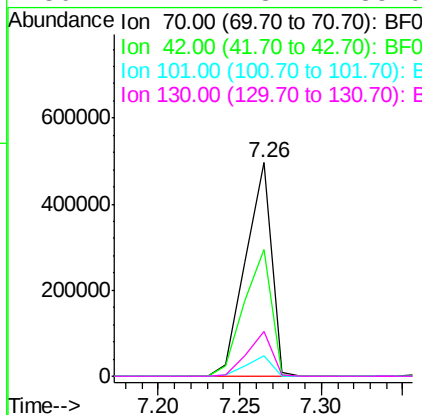
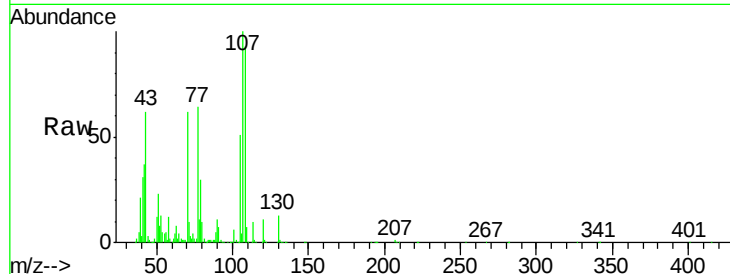




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.13 ng  
RT: 7.26 min Scan# 453  
Delta R.T. -0.06 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

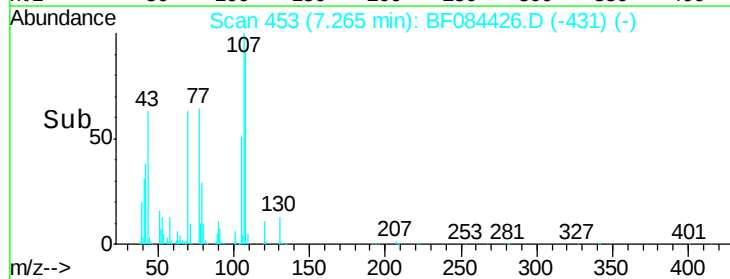
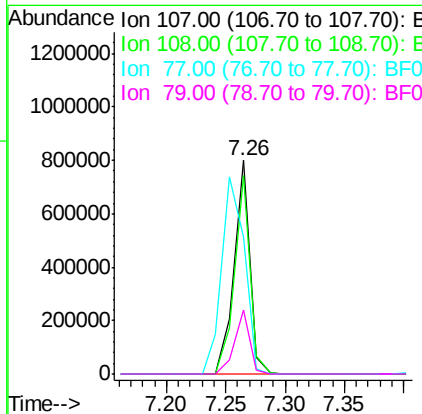
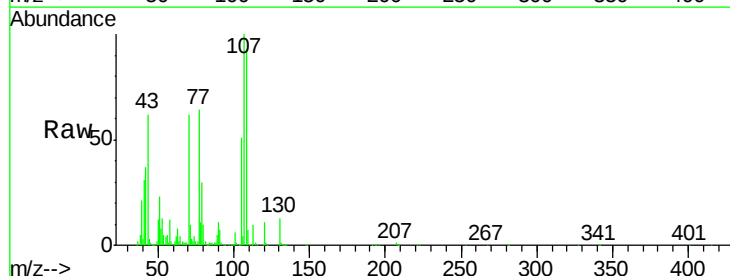
Instrument :  
BNA\_F  
ClientSampleId :  
PB87777BS

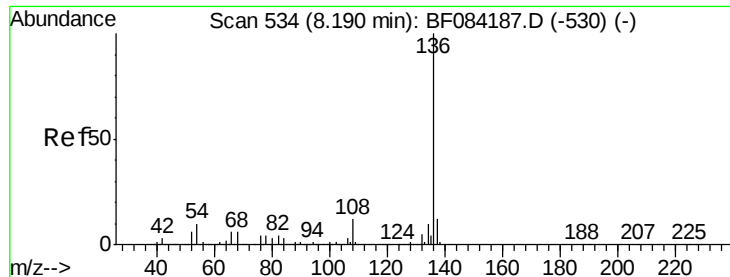
Tgt Ion: 70 Resp: 546024  
Ion Ratio Lower Upper  
70 100  
42 59.6 33.3 49.9#  
101 9.9 9.3 13.9  
130 21.1 23.4 35.0#



#20  
3+4-Methylphenols  
Concen: 39.38 ng  
RT: 7.26 min Scan# 453  
Delta R.T. -0.05 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

Tgt Ion: 107 Resp: 741300  
Ion Ratio Lower Upper  
107 100  
108 92.9 74.6 114.6  
77 64.4 0.7 40.7#  
79 30.2 0.0 39.0

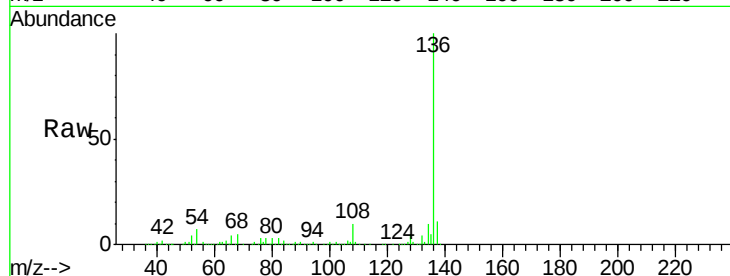




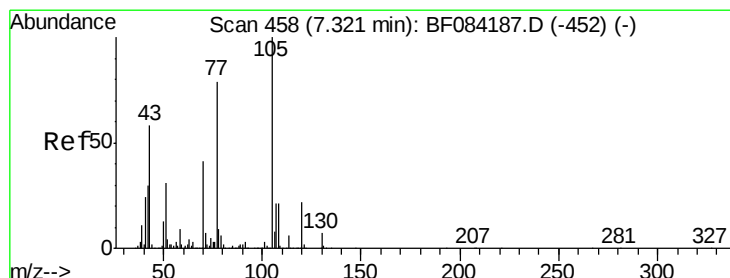
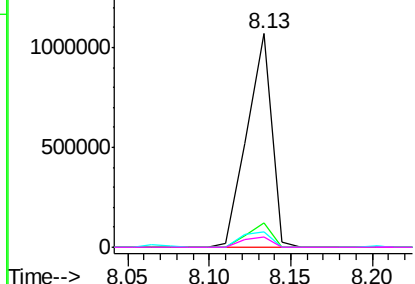
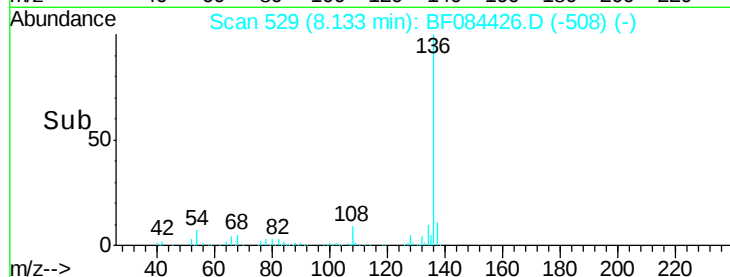
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.13 min Scan# 529  
Delta R.T. -0.06 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB87777BS

| Tgt Ion: | 136   | Resp: | 1118309 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 136      | 100   |       |         |
| 137      | 11.2  | 8.7   | 13.1    |
| 54       | 7.4   | 5.8   | 8.8     |
| 68       | 5.0   | 4.2   | 6.2     |

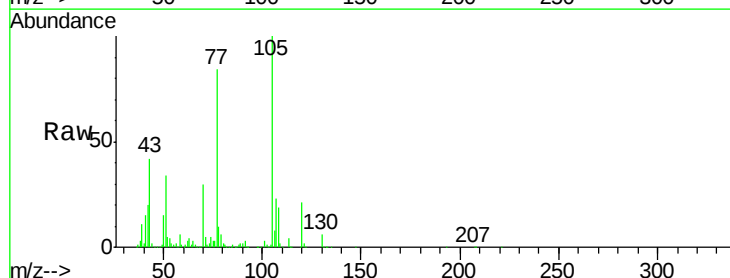


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

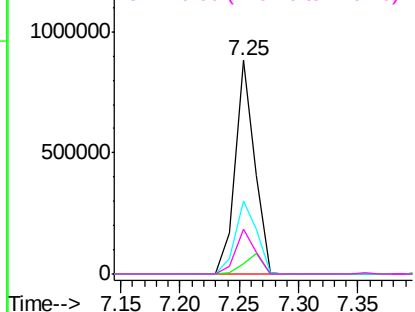
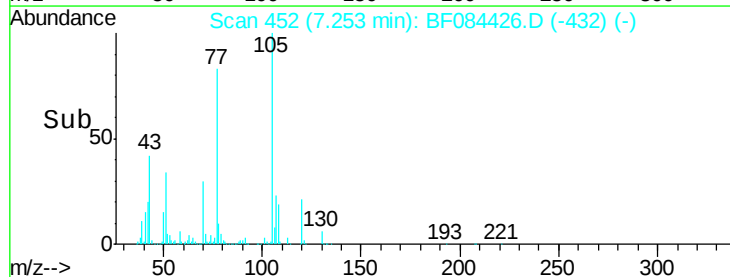


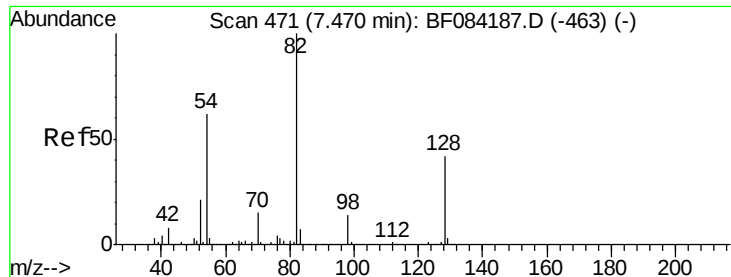
#22  
Acetophenone  
Concen: 37.35 ng  
RT: 7.25 min Scan# 452  
Delta R.T. -0.07 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

| Tgt Ion: | 105   | Resp: | 1004492 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 71       | 4.8   | 3.7   | 5.5     |
| 51       | 34.1  | 25.1  | 37.7    |
| 120      | 21.1  | 16.6  | 25.0    |



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

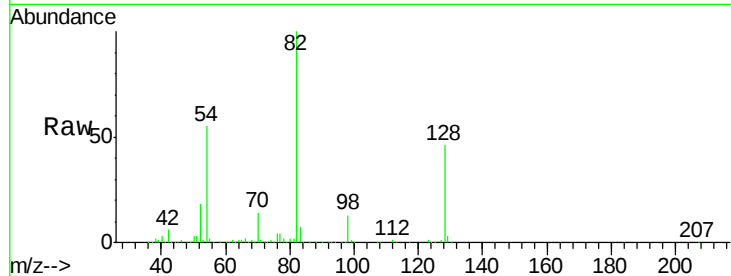




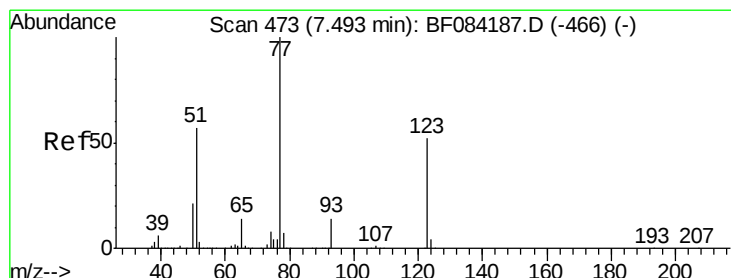
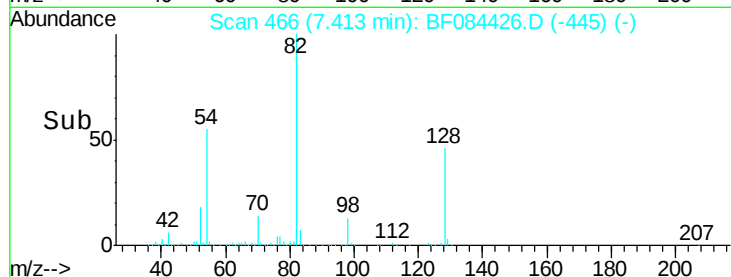
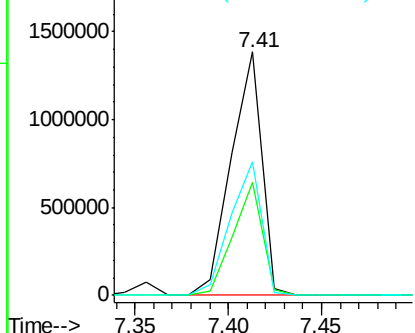
#23  
 Nitrobenzene-d5  
 Concen: 79.56 ng  
 RT: 7.41 min Scan# 466  
 Delta R.T. -0.06 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87777BS

Tgt Ion: 82 Resp: 1598549  
 Ion Ratio Lower Upper  
 82 100  
 128 46.5 34.6 51.8  
 54 54.9 38.4 57.6

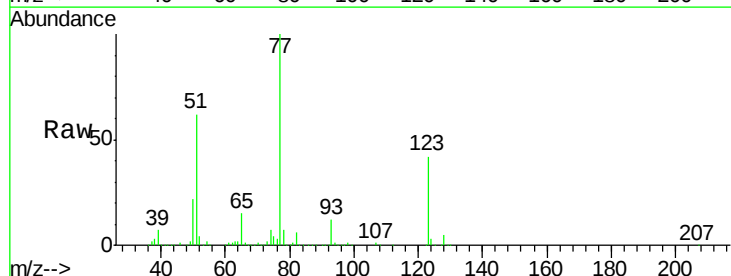


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

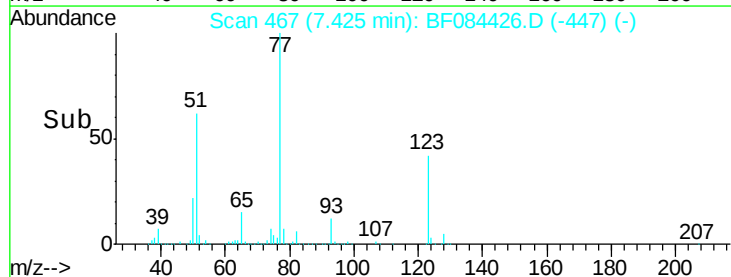
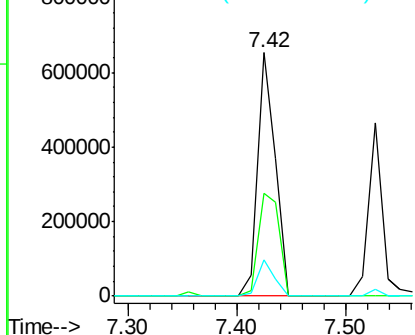


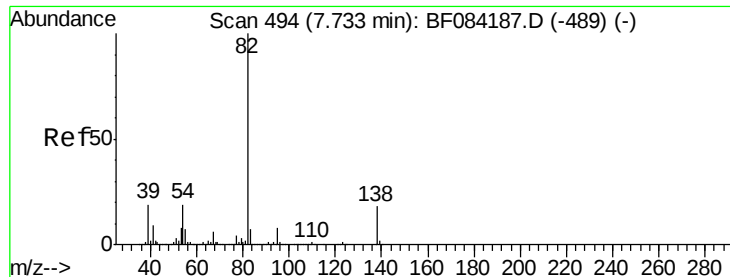
#24  
 Nitrobenzene  
 Concen: 36.39 ng  
 RT: 7.42 min Scan# 467  
 Delta R.T. -0.07 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

Tgt Ion: 77 Resp: 741686  
 Ion Ratio Lower Upper  
 77 100  
 123 42.2 37.4 56.2  
 65 14.7 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0  
 Ion 123.00 (122.70 to 123.70): B  
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.59 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.07 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB8777BS

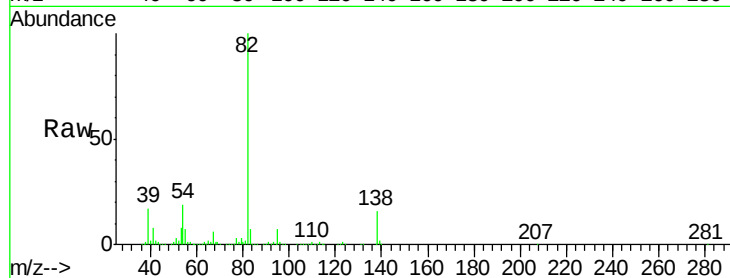
Tgt Ion: 82 Resp: 1483017

Ion Ratio Lower Upper

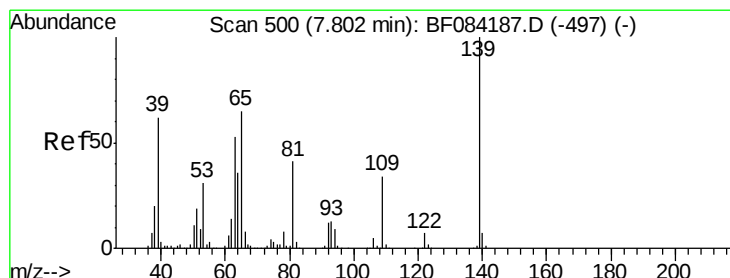
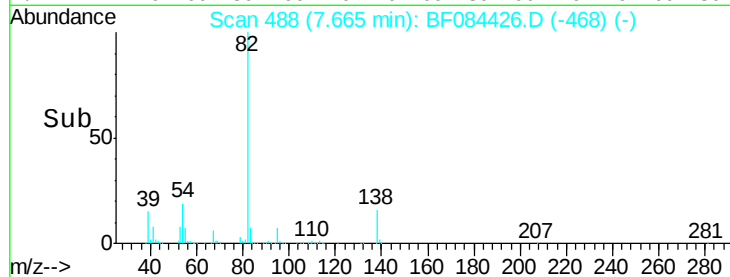
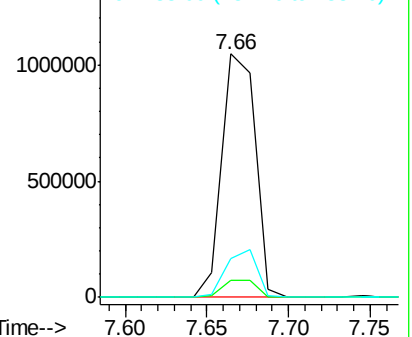
82 100

95 6.9 6.6 10.0

138 15.8 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.09 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

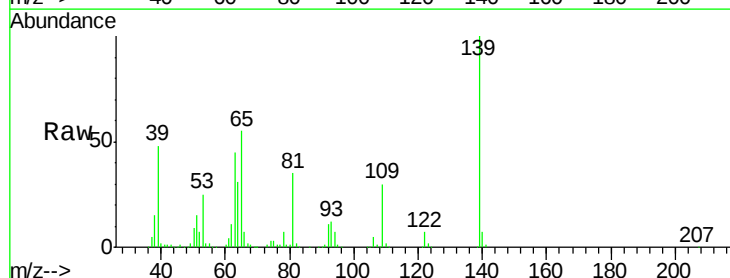
Tgt Ion: 139 Resp: 390357

Ion Ratio Lower Upper

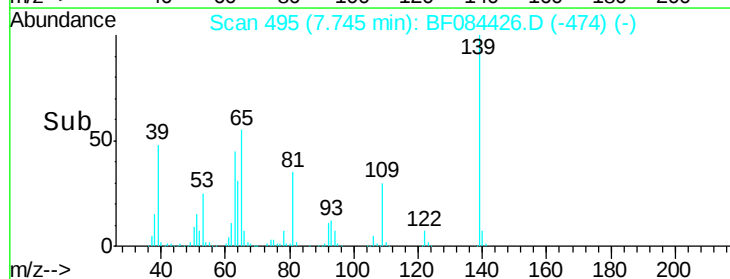
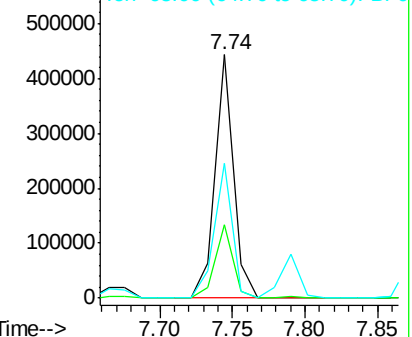
139 100

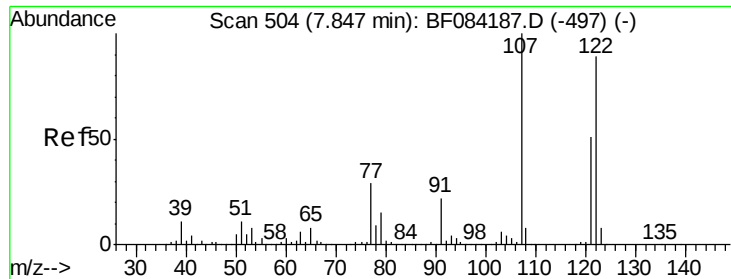
109 30.0 25.4 38.2

65 55.2 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 37.95 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampled :

PB87777BS

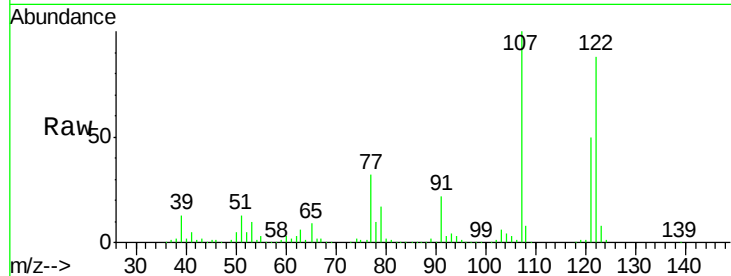
Tgt Ion:122 Resp: 712578

Ion Ratio Lower Upper

122 100

107 113.2 99.1 148.7

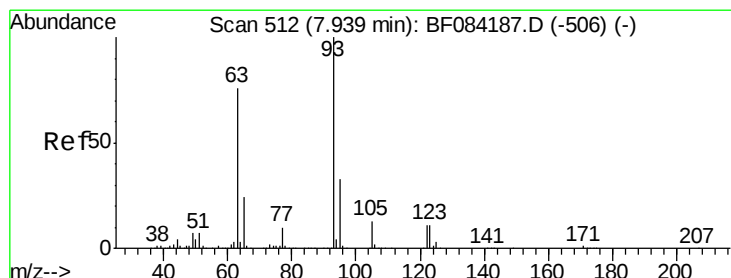
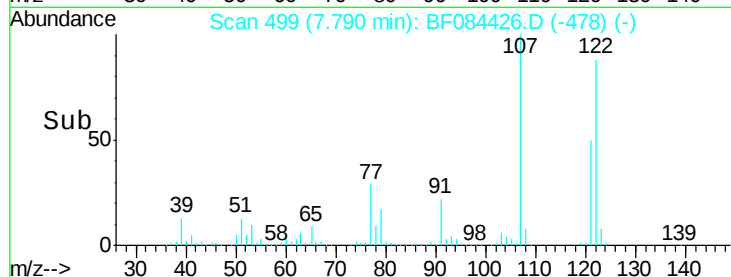
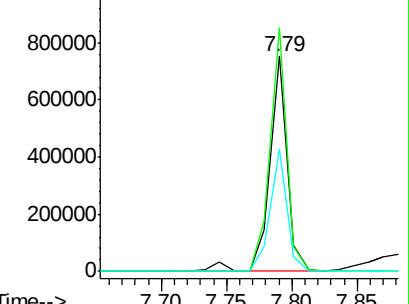
121 57.0 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.62 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

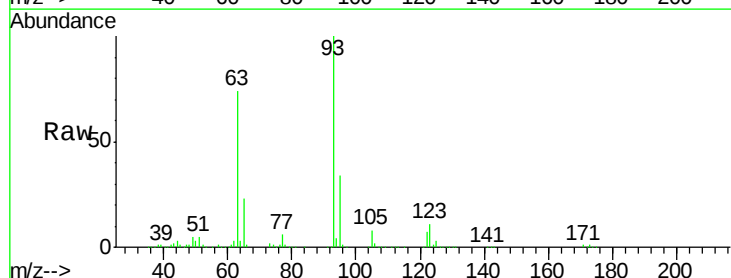
Tgt Ion: 93 Resp: 906599

Ion Ratio Lower Upper

93 100

95 33.5 25.8 38.6

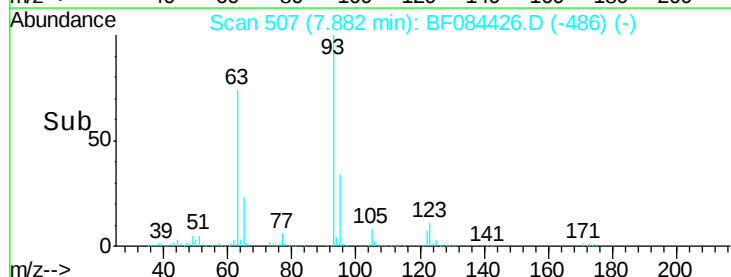
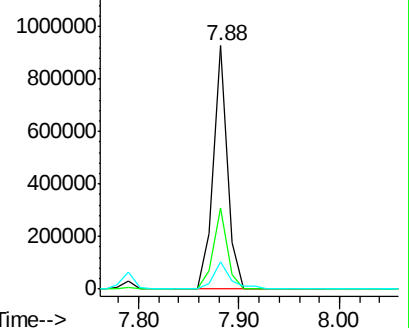
123 11.1 8.6 12.8

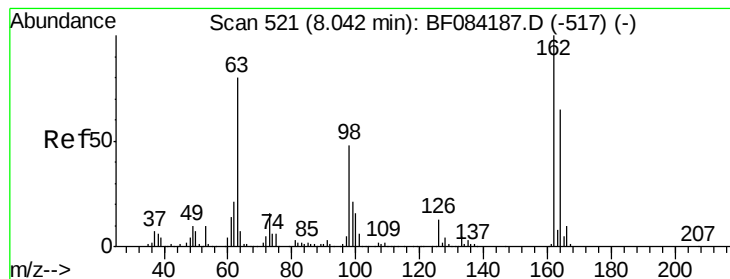


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.22 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB8777BS

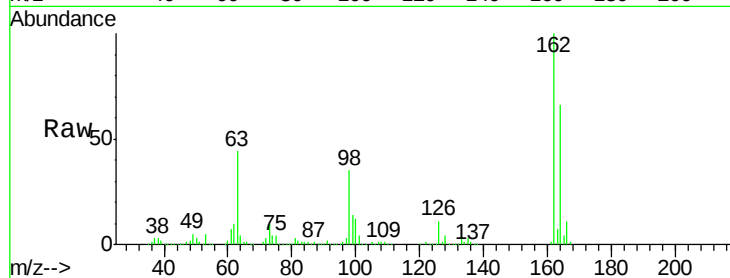
Tgt Ion:162 Resp: 660196

Ion Ratio Lower Upper

162 100

164 65.6 44.1 84.1

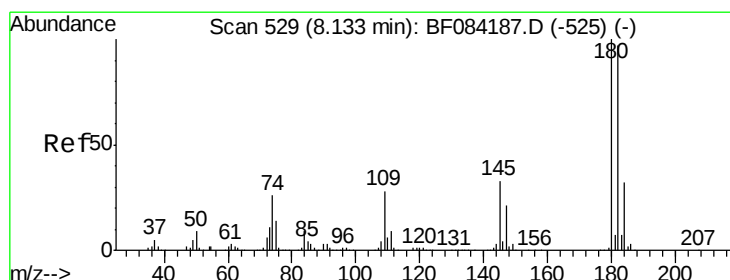
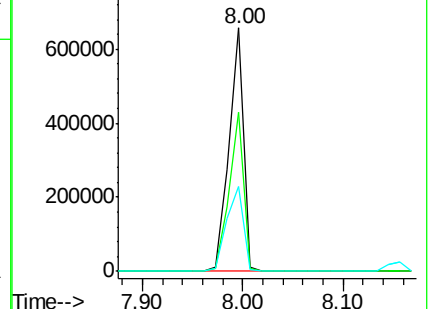
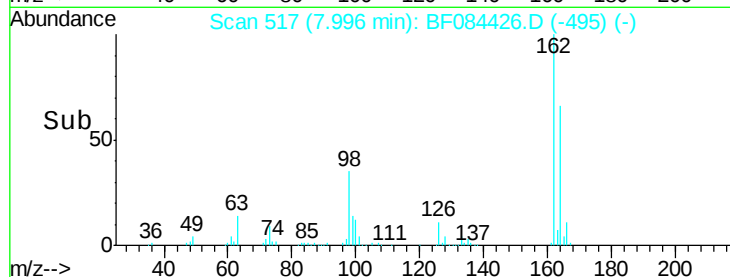
98 35.0 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.47 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

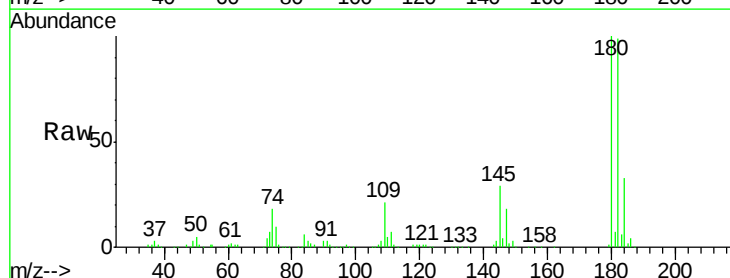
Tgt Ion:180 Resp: 653436

Ion Ratio Lower Upper

180 100

182 99.2 76.4 114.6

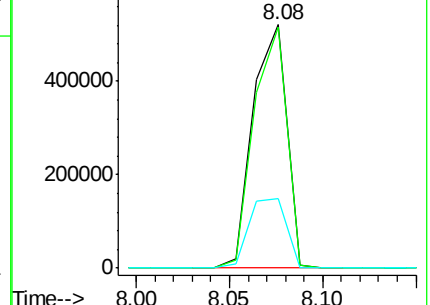
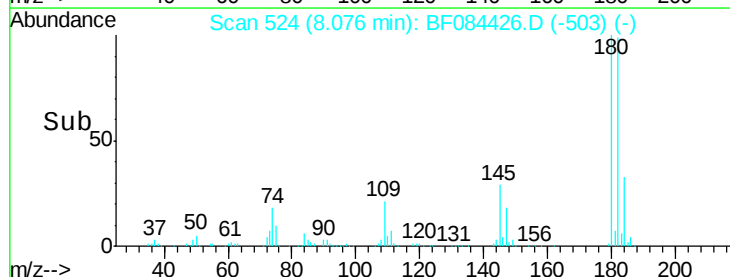
145 28.5 31.6 47.4#

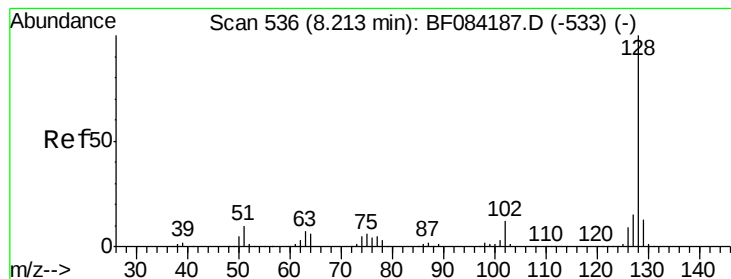


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.81 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB87777BS

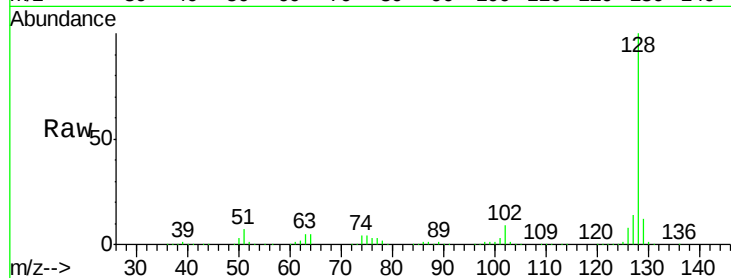
Tgt Ion:128 Resp: 2171922

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

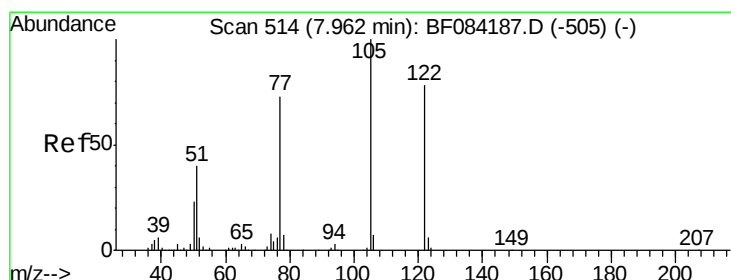
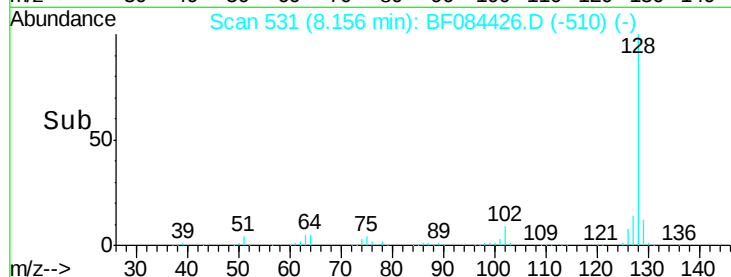
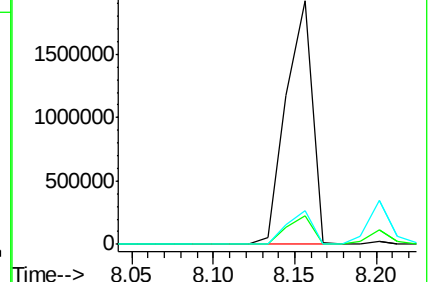
127 13.7 11.1 16.7



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: 34.44 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.04 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

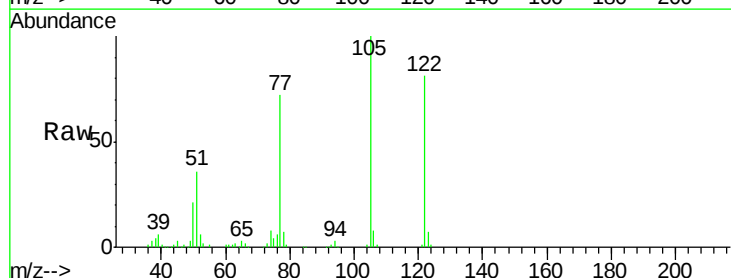
Tgt Ion:122 Resp: 391412

Ion Ratio Lower Upper

122 100

105 123.4 100.3 140.3

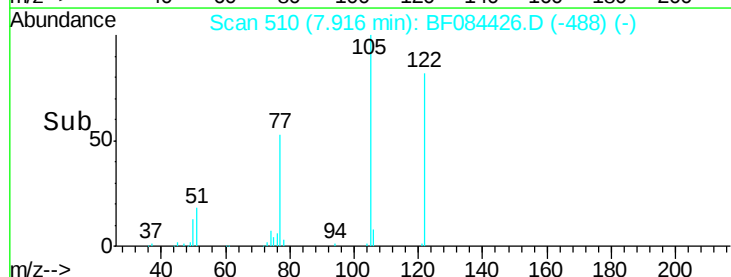
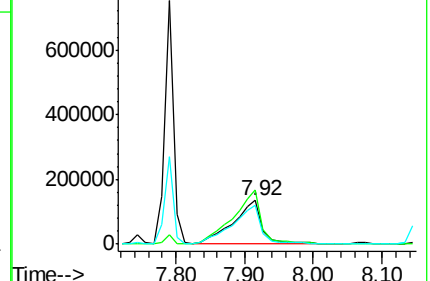
77 88.3 63.5 103.5

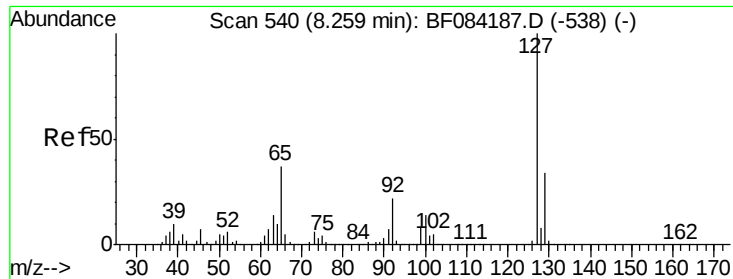


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

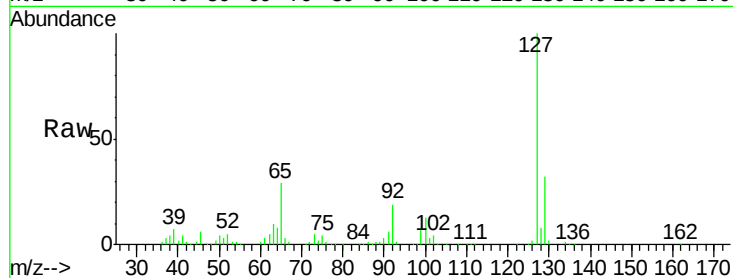




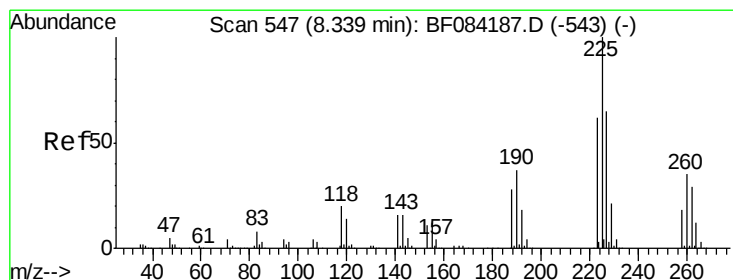
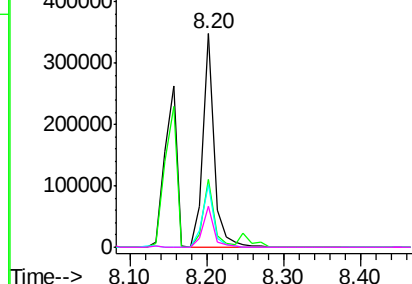
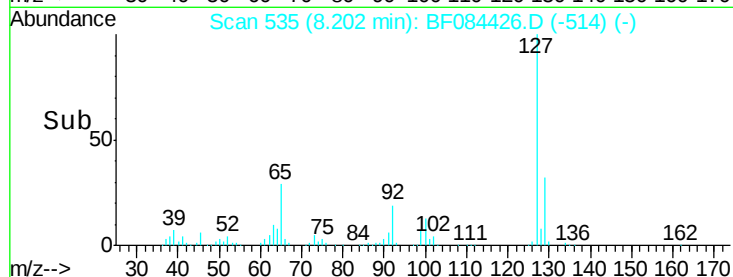
#33  
4-Chloroaniline  
Concen: 15.06 ng  
RT: 8.20 min Scan# 535  
Delta R.T. -0.06 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB87777BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 350312 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 26.5  | 39.7   |
| 65       | 29.5  | 27.2  | 40.8   |
| 92       | 18.9  | 17.7  | 26.5   |

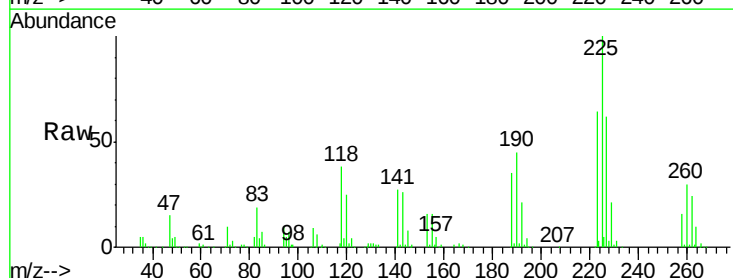


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

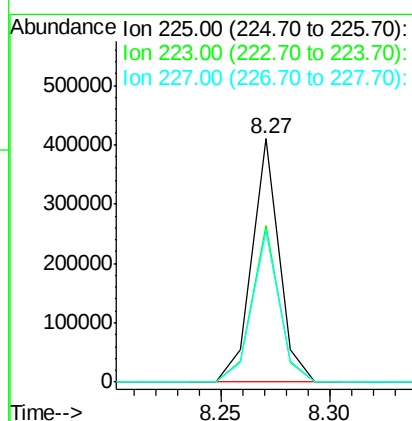
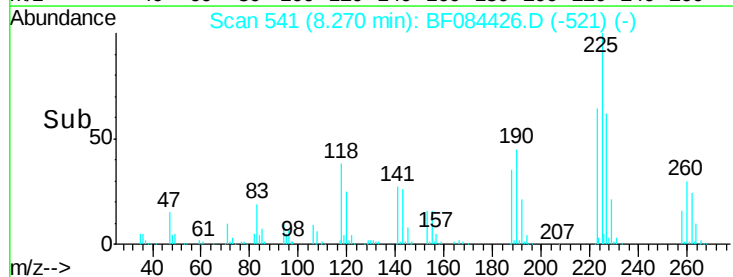


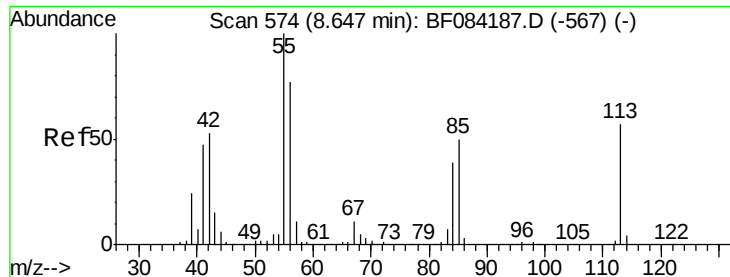
#34  
Hexachlorobutadiene  
Concen: 38.45 ng  
RT: 8.27 min Scan# 541  
Delta R.T. -0.07 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 356887 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.1  | 49.4  | 74.0   |
| 227      | 62.4  | 50.8  | 76.2   |



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: 28.40 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.08 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleID :

PB87777BS

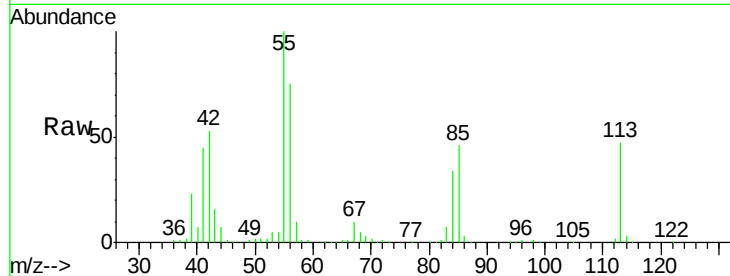
Tgt Ion:113 Resp: 149737

Ion Ratio Lower Upper

113 100

55 212.4 116.9 156.9#

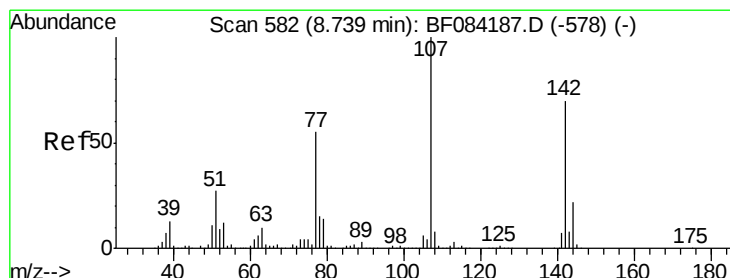
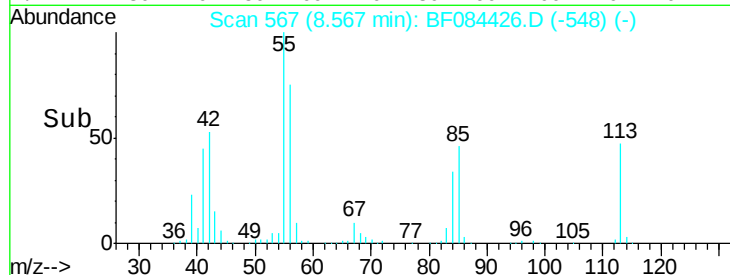
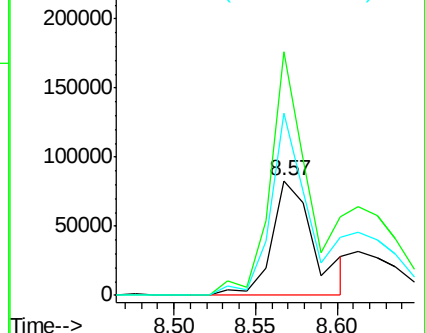
56 158.9 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.69 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.05 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

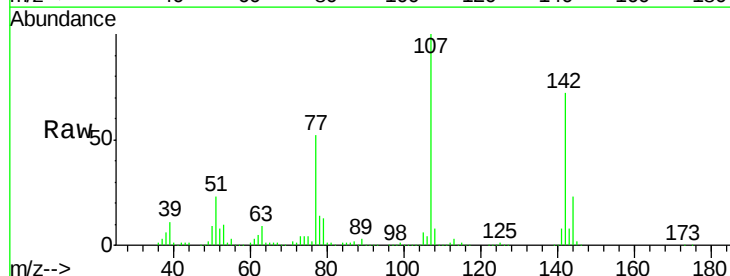
Tgt Ion:107 Resp: 695337

Ion Ratio Lower Upper

107 100

144 23.2 19.7 29.5

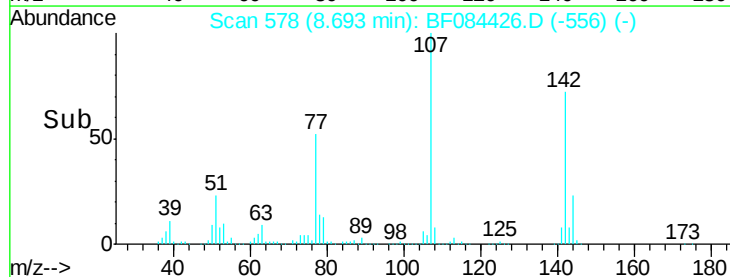
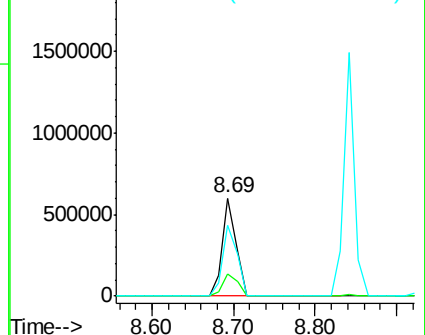
142 71.7 61.8 92.6

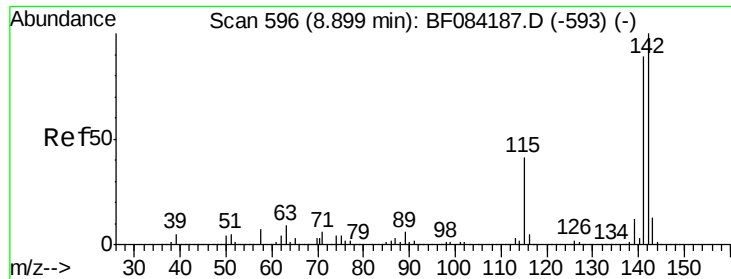


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

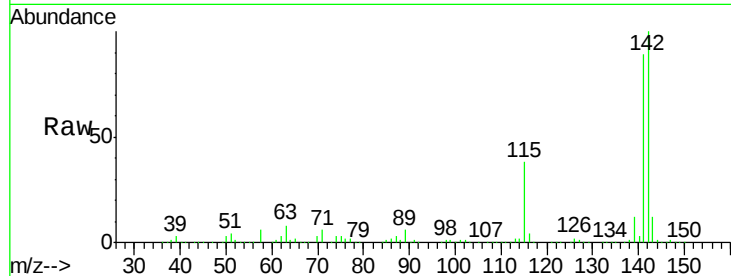




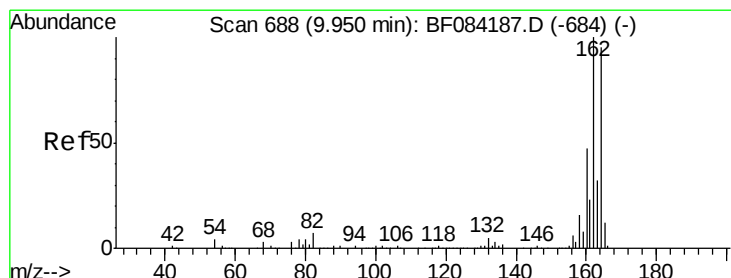
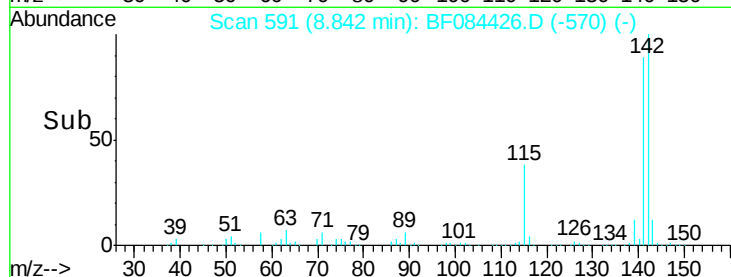
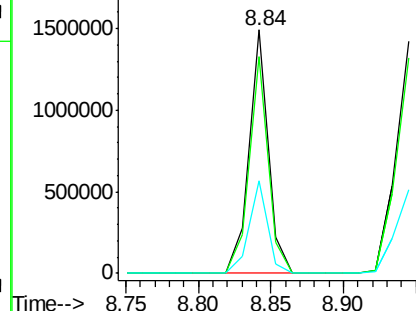
#37  
 2-Methylnaphthalene  
 Concen: 37.55 ng  
 RT: 8.84 min Scan# 591  
 Delta R.T. -0.06 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87777BS

Tgt Ion:142 Resp: 1367525  
 Ion Ratio Lower Upper  
 142 100  
 141 89.2 72.4 108.6  
 115 37.8 27.9 41.9

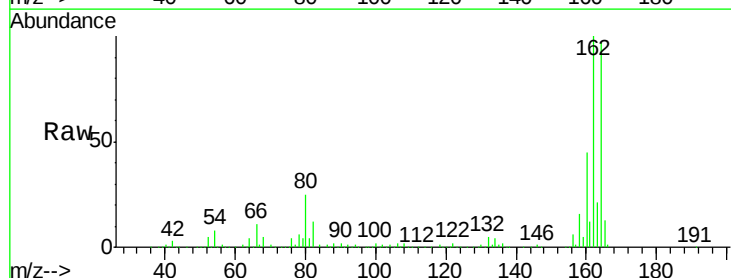


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

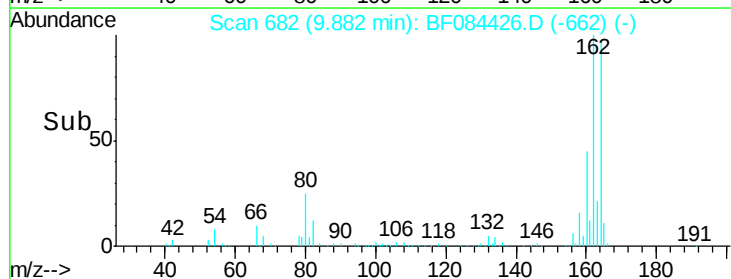
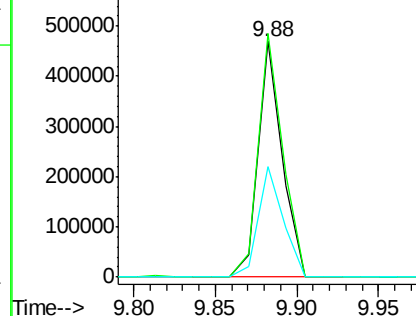


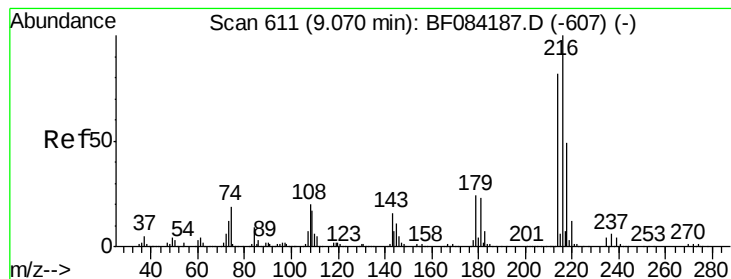
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.88 min Scan# 682  
 Delta R.T. -0.07 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

Tgt Ion:164 Resp: 478934  
 Ion Ratio Lower Upper  
 164 100  
 162 103.2 85.1 127.7  
 160 46.7 37.5 56.3



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: 43.88 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB87777BS

Tgt Ion:216 Resp: 604170

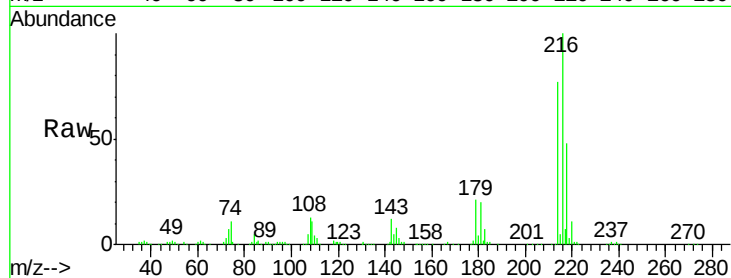
Ion Ratio Lower Upper

216 100

214 78.5 64.2 96.2

179 22.4 18.7 28.1

108 21.6 16.8 25.2

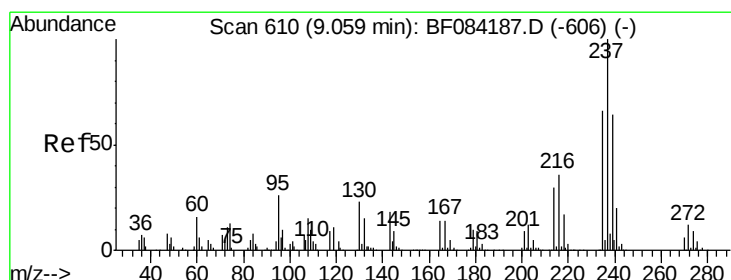
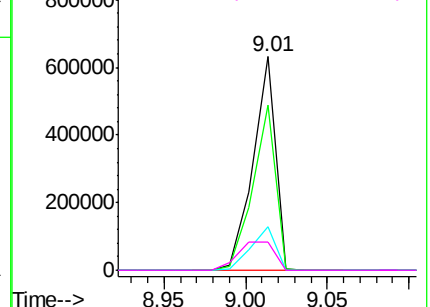
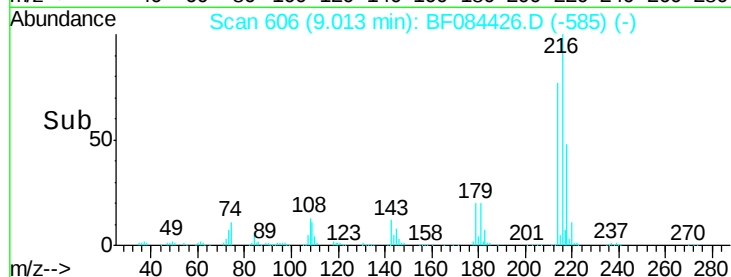


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.19 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.06 min

Lab File: BF084426.D

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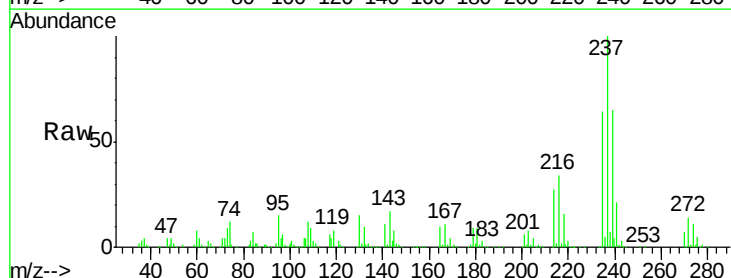
Tgt Ion:237 Resp: 691472

Ion Ratio Lower Upper

237 100

235 63.6 43.1 83.1

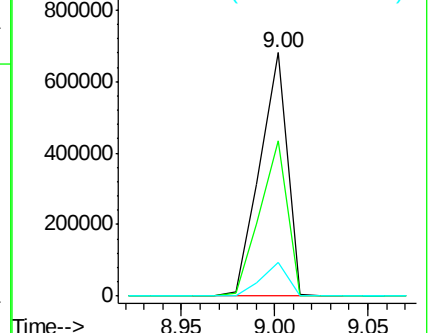
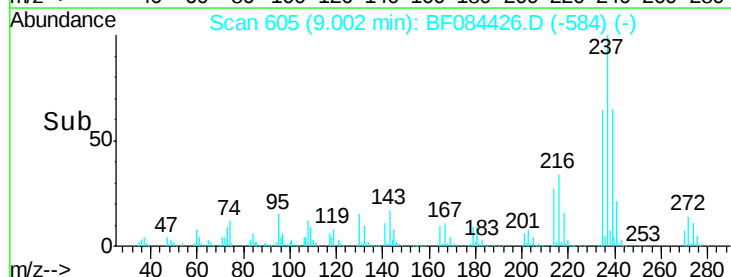
272 14.0 0.0 35.1

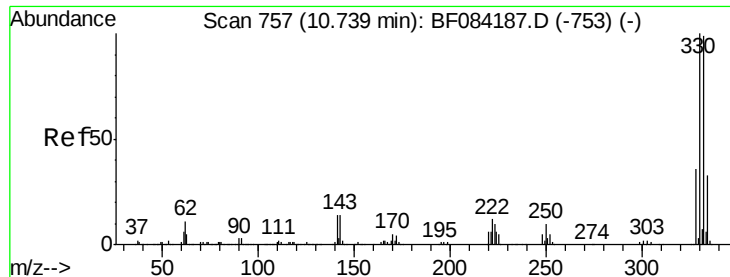


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

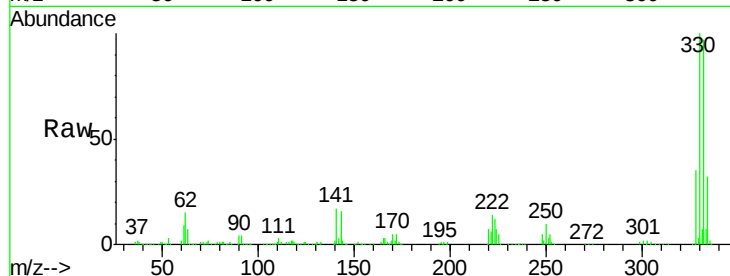




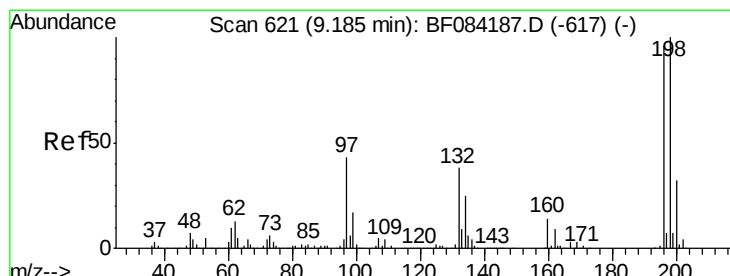
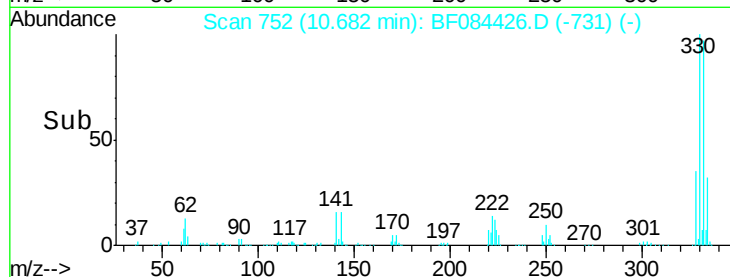
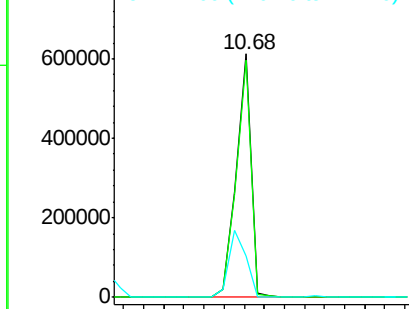
#41  
 2,4,6-Tribromophenol  
 Concen: 130.45 ng  
 RT: 10.68 min Scan# 752  
 Delta R.T. -0.06 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87777BS

Tgt Ion:330 Resp: 630737  
 Ion Ratio Lower Upper  
 330 100  
 332 97.6 76.6 114.8  
 141 32.1 27.8 41.6

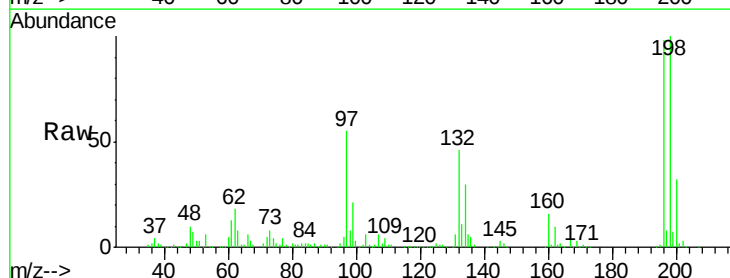


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

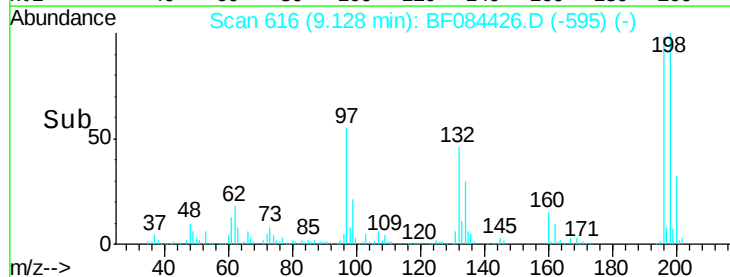
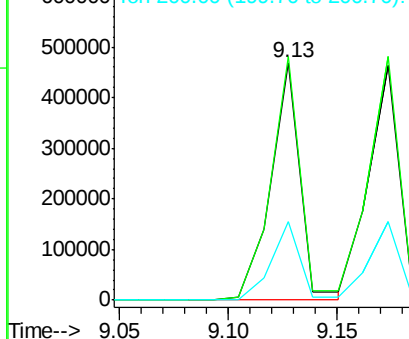


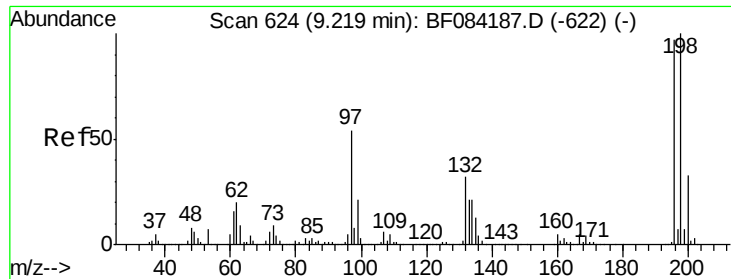
#42  
 2,4,6-Trichlorophenol  
 Concen: 43.16 ng  
 RT: 9.13 min Scan# 616  
 Delta R.T. -0.06 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

Tgt Ion:196 Resp: 444567  
 Ion Ratio Lower Upper  
 196 100  
 198 102.5 77.7 116.5  
 200 33.0 24.6 37.0



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

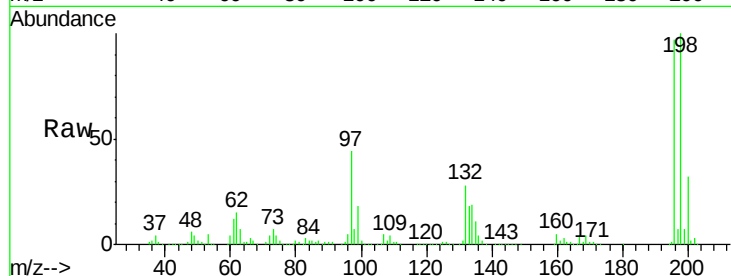




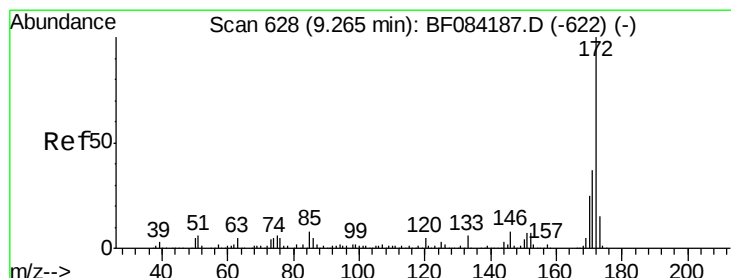
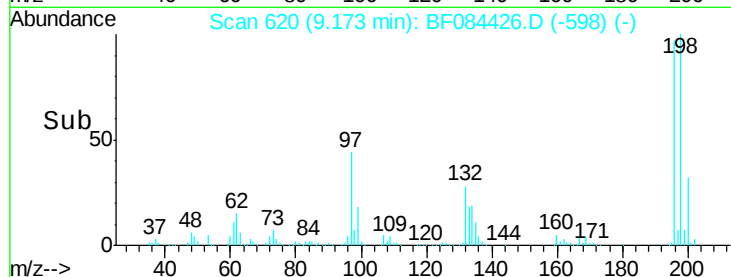
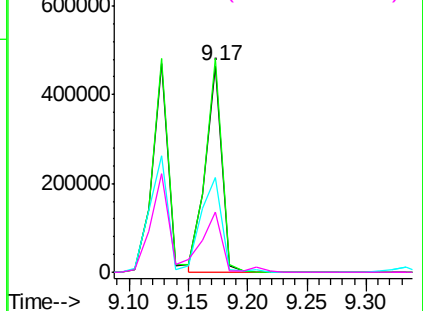
#43  
 2,4,5-Trichlorophenol  
 Concen: 45.96 ng  
 RT: 9.17 min Scan# 620  
 Delta R.T. -0.05 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB8777BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 103.5 | 79.0  | 118.6 |
| 97      | 46.0  | 33.0  | 49.6  |
| 132     | 29.2  | 21.1  | 31.7  |

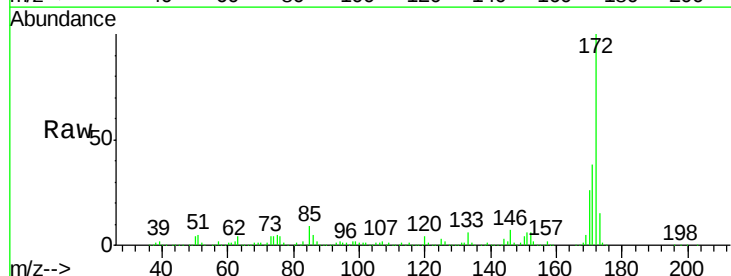


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

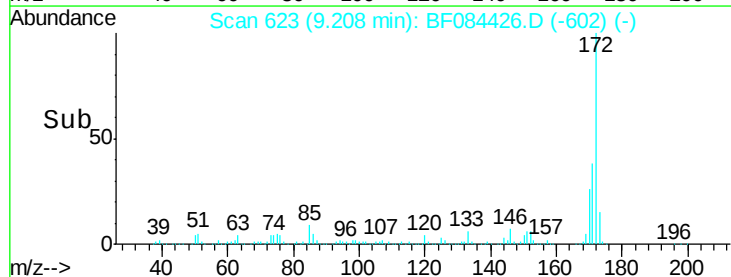
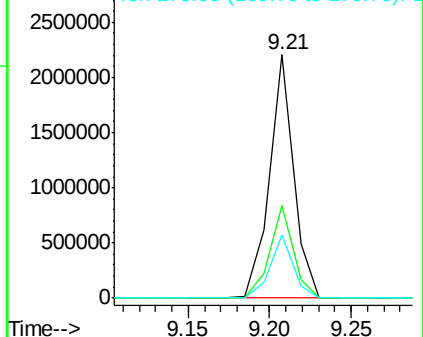


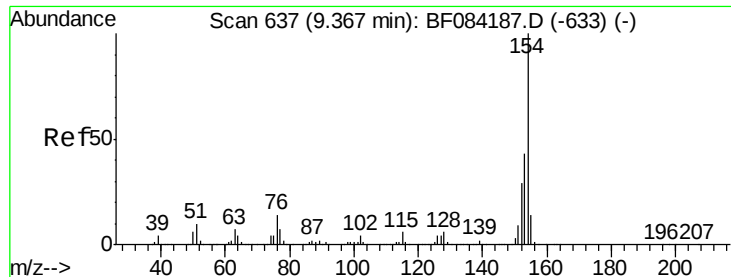
#44  
 2-Fluorobiphenyl  
 Concen: 84.06 ng  
 RT: 9.21 min Scan# 623  
 Delta R.T. -0.06 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.3  | 28.9  | 43.3  |
| 170     | 26.0  | 18.6  | 27.8  |



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

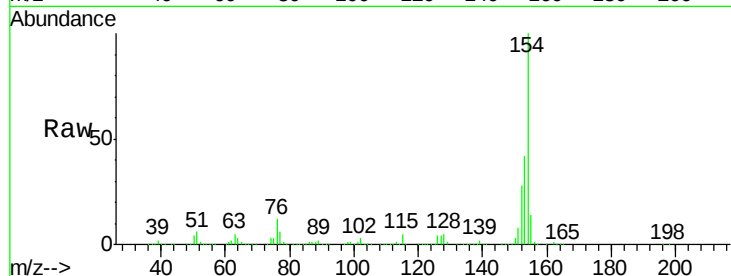




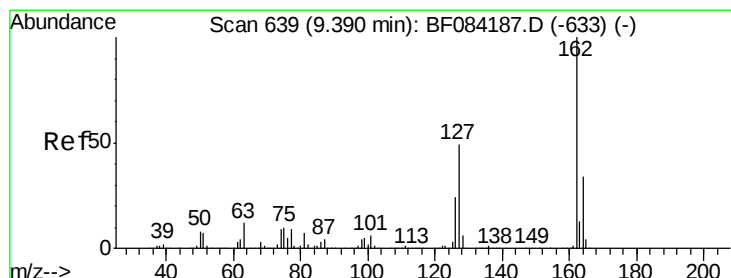
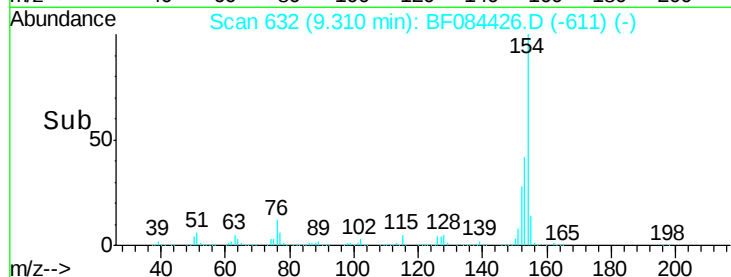
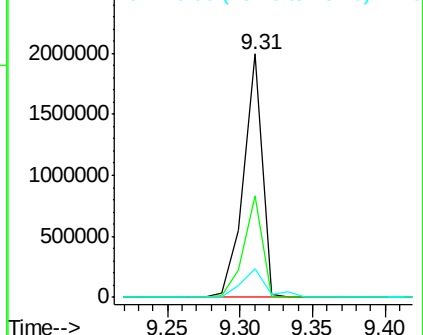
#45  
 1,1'-Biphenyl  
 Concen: 46.82 ng  
 RT: 9.31 min Scan# 632  
 Delta R.T. -0.06 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87777BS

Tgt Ion:154 Resp: 1782264  
 Ion Ratio Lower Upper  
 154 100  
 153 41.9 21.6 61.6  
 76 11.8 0.0 32.7

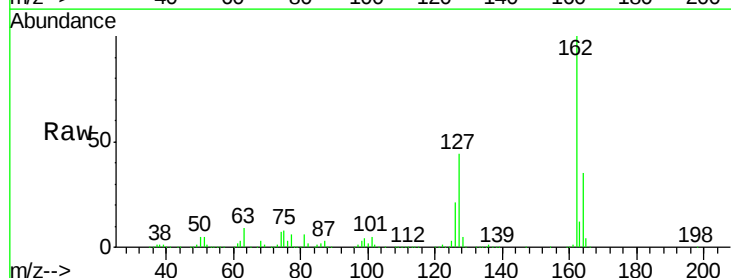


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

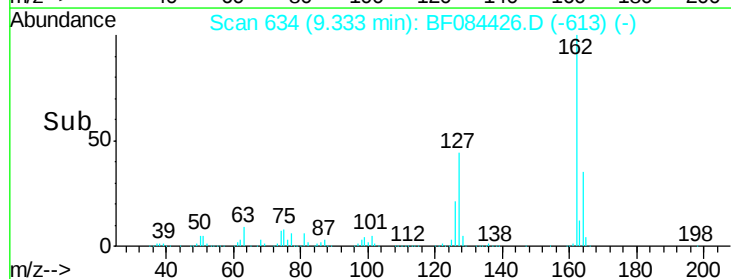
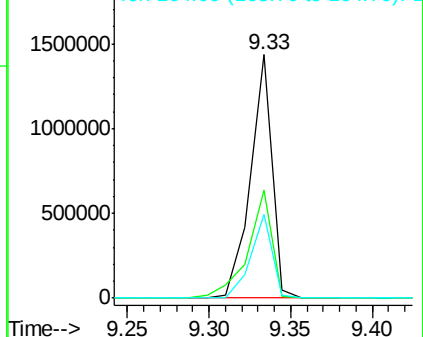


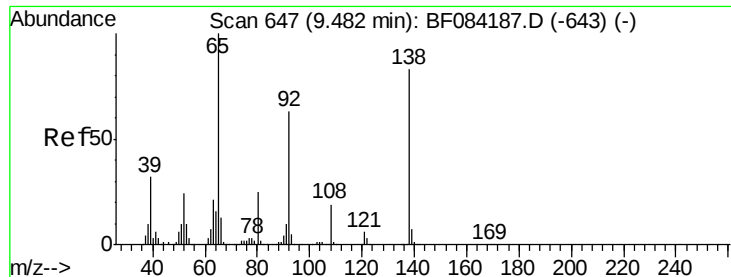
#46  
 2-Chloronaphthalene  
 Concen: 44.01 ng  
 RT: 9.33 min Scan# 634  
 Delta R.T. -0.06 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

Tgt Ion:162 Resp: 1315915  
 Ion Ratio Lower Upper  
 162 100  
 127 44.5 40.2 60.4  
 164 34.5 25.7 38.5



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

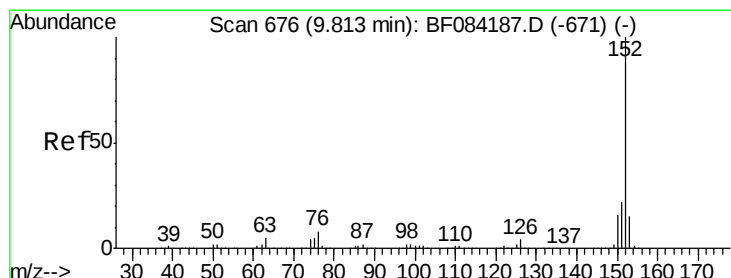
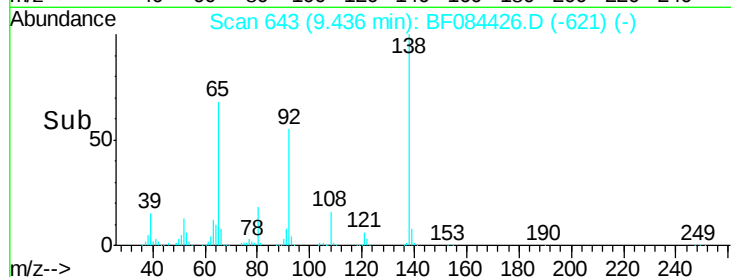
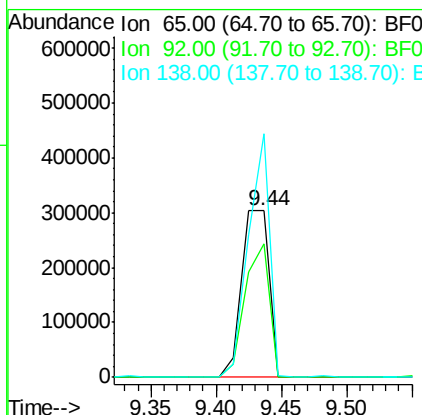
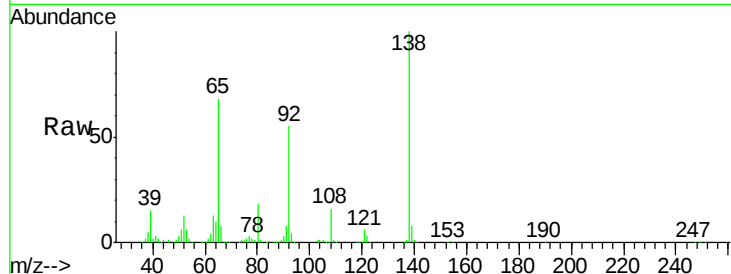




#47  
2-Nitroaniline  
Concen: 44.99 ng  
RT: 9.44 min Scan# 643  
Delta R.T. -0.05 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

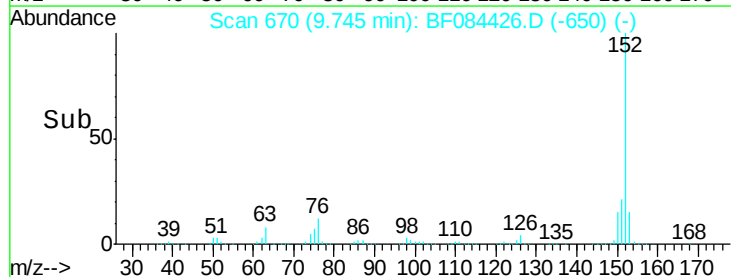
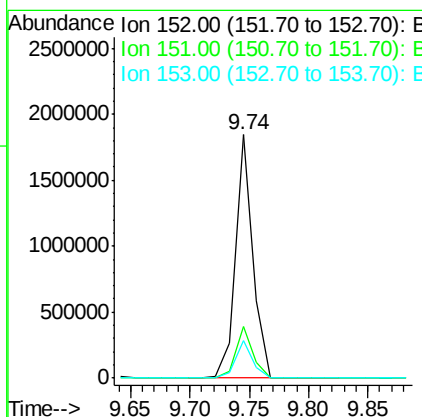
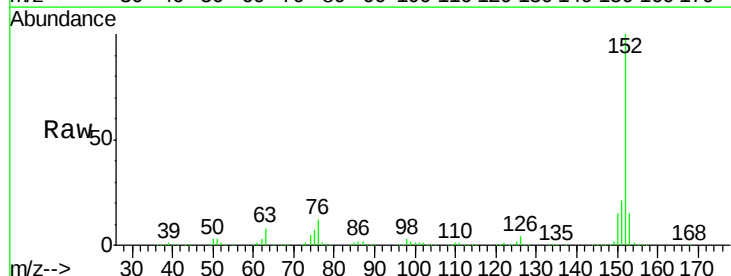
Instrument :  
BNA\_F  
ClientSampleId :  
PB87777BS

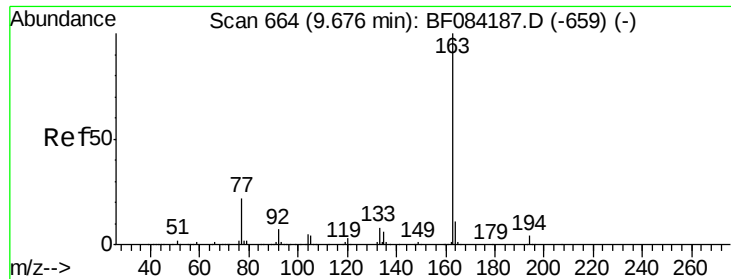
Tgt Ion: 65 Resp: 443996  
Ion Ratio Lower Upper  
65 100  
92 80.1 53.4 80.2  
138 146.2 71.1 106.7#



#48  
Acenaphthylene  
Concen: 42.12 ng  
RT: 9.74 min Scan# 670  
Delta R.T. -0.07 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

Tgt Ion: 152 Resp: 1860744  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.3 24.5  
153 15.4 10.4 15.6

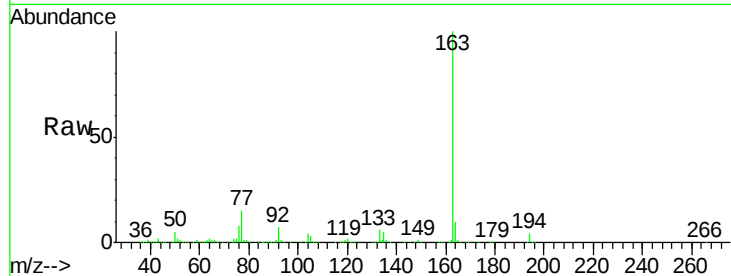




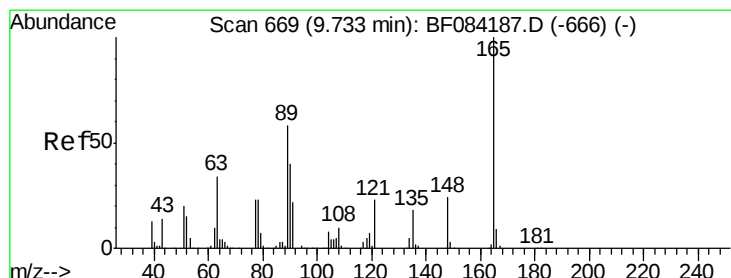
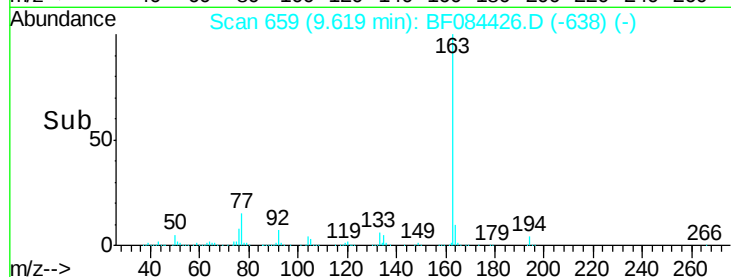
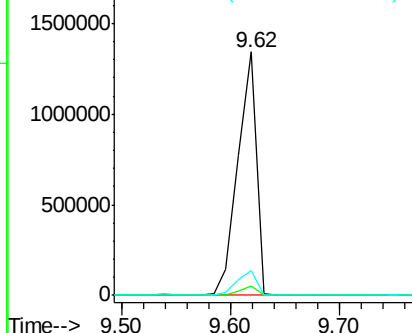
#49  
Dimethylphthalate  
Concen: 45.67 ng  
RT: 9.62 min Scan# 659  
Delta R.T. -0.06 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB87777BS

Tgt Ion:163 Resp: 1563710  
Ion Ratio Lower Upper  
163 100  
194 3.8 8.0 12.0#  
164 10.4 8.0 12.0

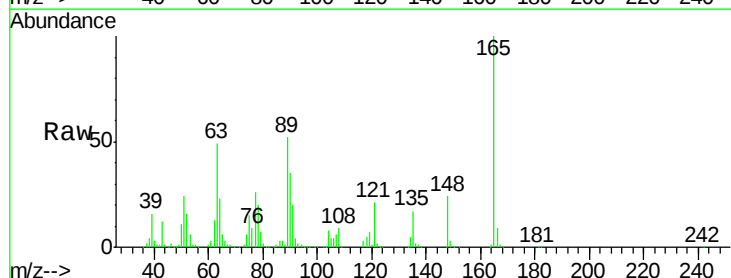


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

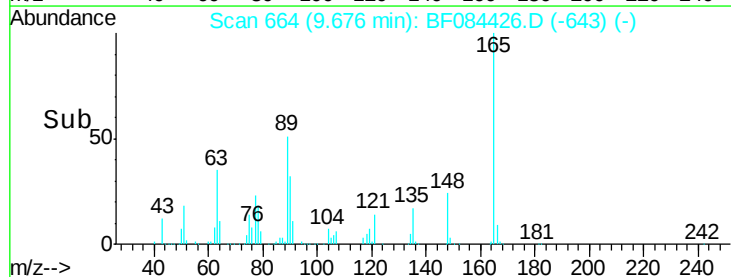
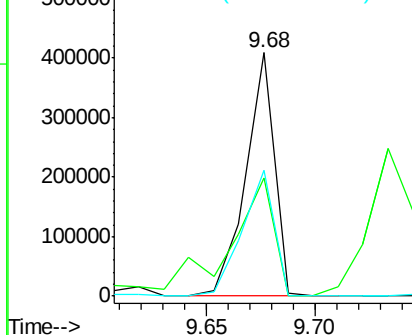


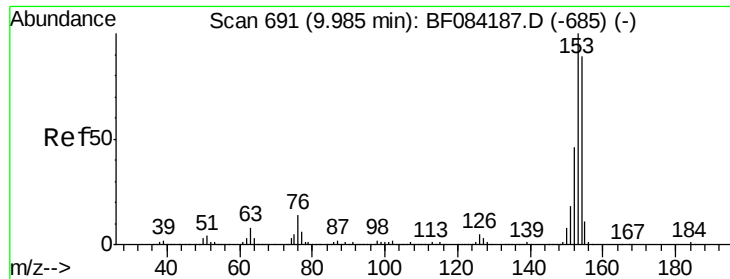
#50  
2,6-Dinitrotoluene  
Concen: 49.67 ng  
RT: 9.68 min Scan# 664  
Delta R.T. -0.06 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

Tgt Ion:165 Resp: 373001  
Ion Ratio Lower Upper  
165 100  
63 48.7 28.8 43.2#  
89 51.7 35.1 52.7



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: 47.22 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.07 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB8777BS

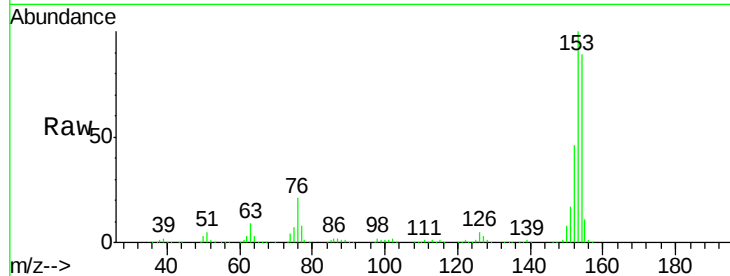
Tgt Ion:154 Resp: 1399220

Ion Ratio Lower Upper

154 100

153 112.6 91.5 137.3

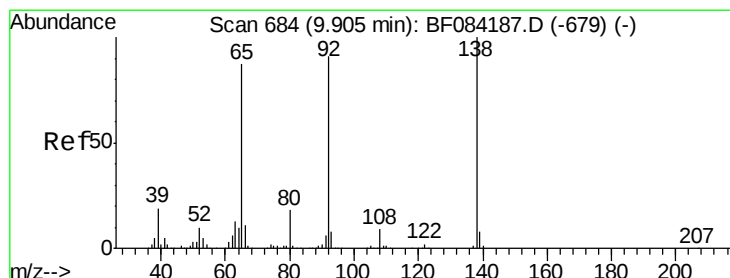
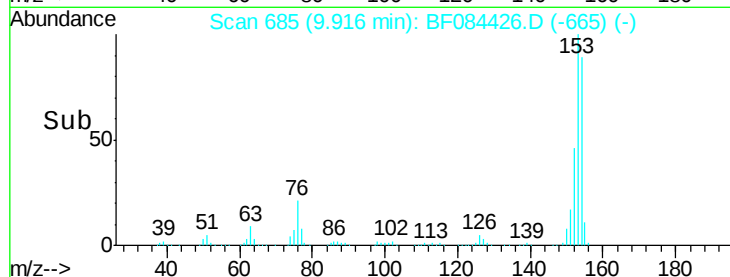
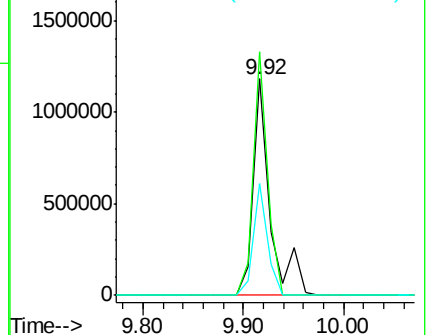
152 51.8 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.78 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.07 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

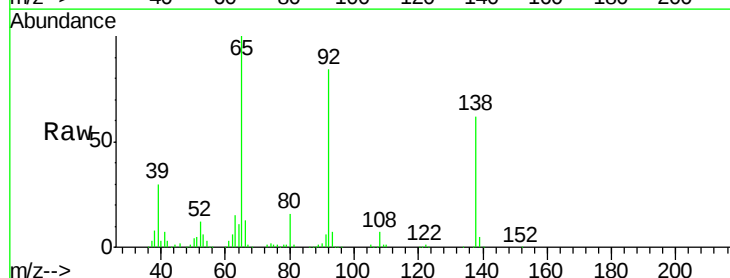
Tgt Ion:138 Resp: 202634

Ion Ratio Lower Upper

138 100

108 11.1 10.5 15.7

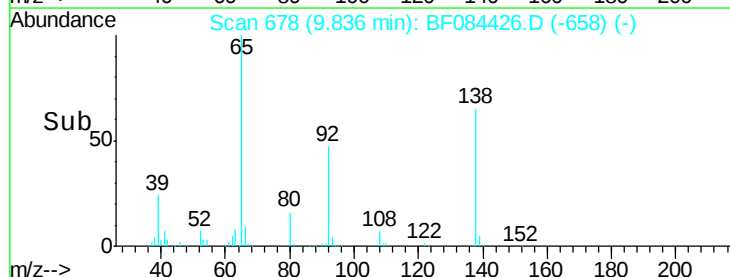
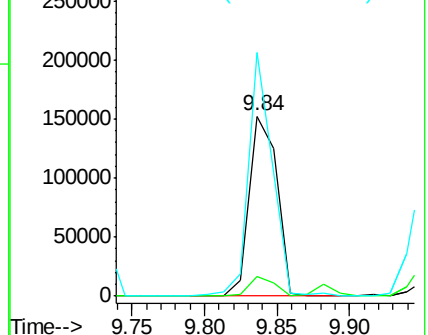
92 135.3 103.9 155.9

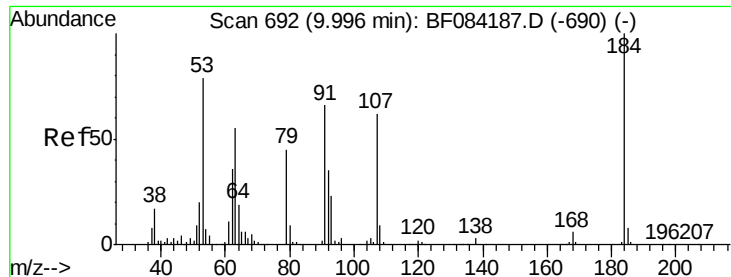


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

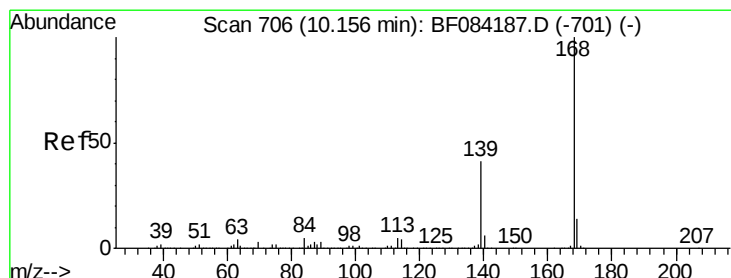
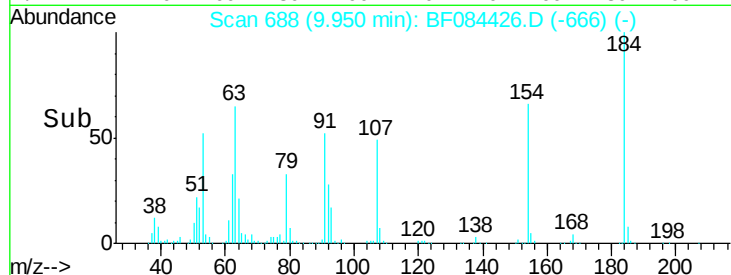
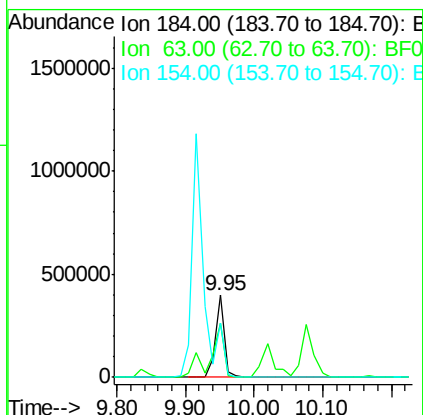
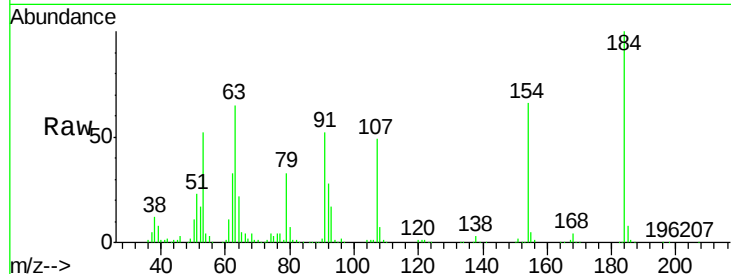




#53  
2,4-Dinitrophenol  
Concen: 115.16 ng  
RT: 9.95 min Scan# 688  
Delta R.T. -0.05 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

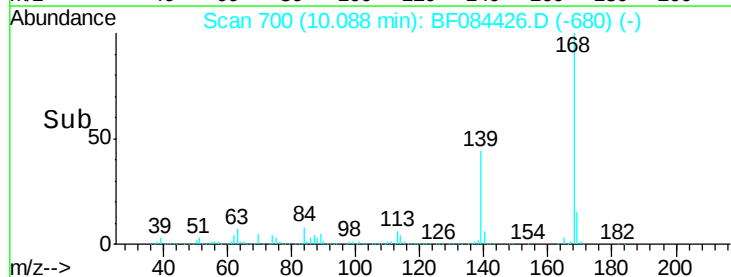
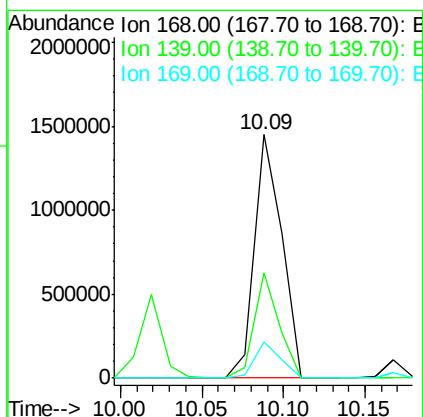
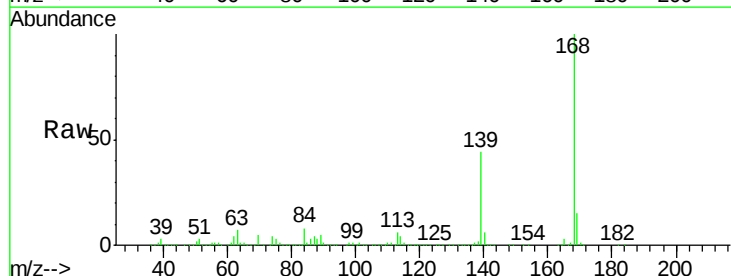
Instrument :  
BNA\_F  
ClientSampleId :  
PB8777BS

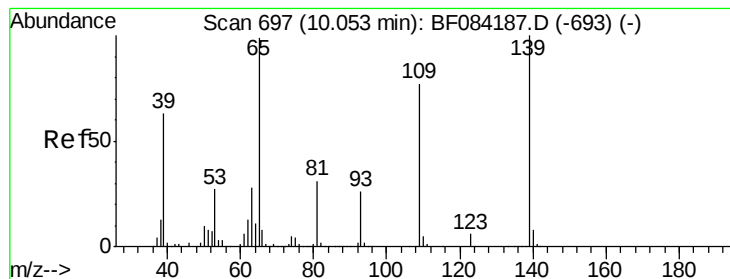
Tgt Ion:184 Resp: 373609  
Ion Ratio Lower Upper  
184 100  
63 65.4 43.1 64.7#  
154 65.7 60.5 90.7



#54  
Dibenzofuran  
Concen: 43.83 ng  
RT: 10.09 min Scan# 700  
Delta R.T. -0.07 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

Tgt Ion:168 Resp: 1684860  
Ion Ratio Lower Upper  
168 100  
139 43.5 30.5 45.7  
169 14.7 10.4 15.6





#55

4-Nitrophenol

Concen: 72.26 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB87777BS

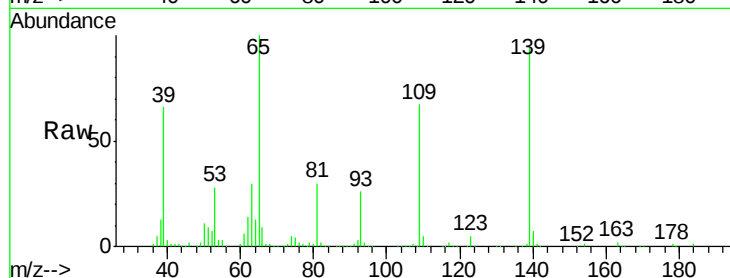
Tgt Ion:139 Resp: 488047

Ion Ratio Lower Upper

139 100

109 71.6 58.5 98.5

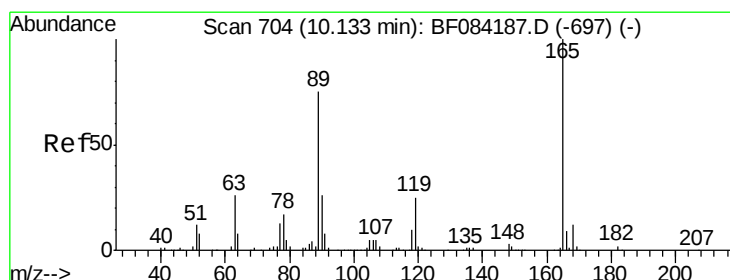
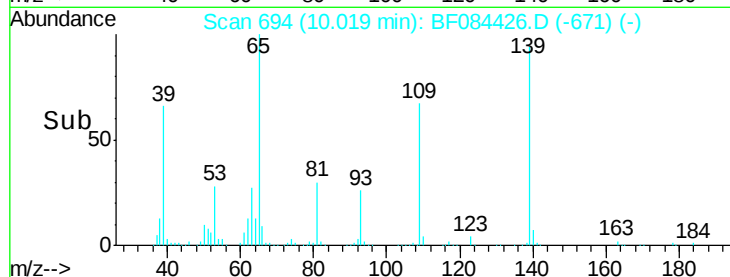
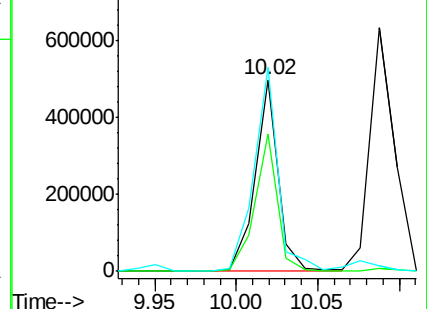
65 106.6 57.6 97.6#



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: 43.66 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Tgt Ion:165 Resp: 414993

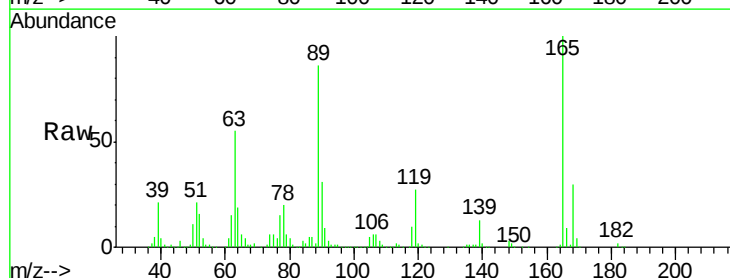
Ion Ratio Lower Upper

165 100

63 55.2 36.7 55.1#

89 85.9 61.9 92.9

182 2.1 2.0 3.0

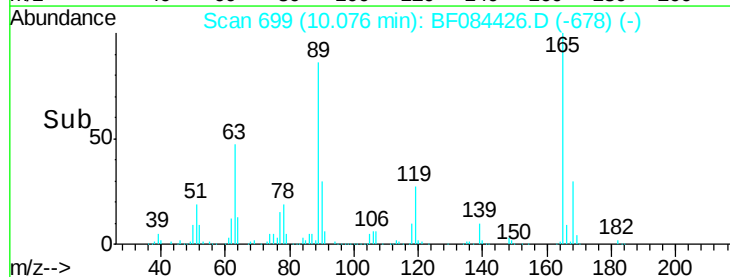
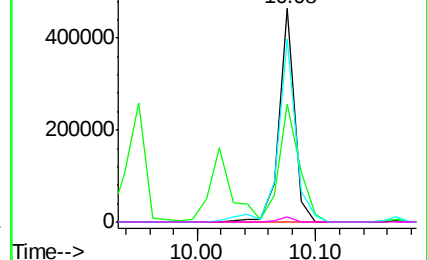


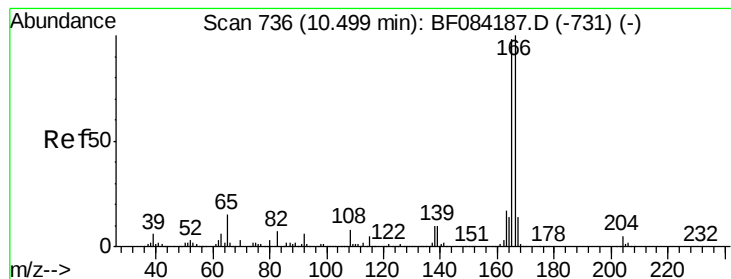
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.36 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.07 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB87777BS

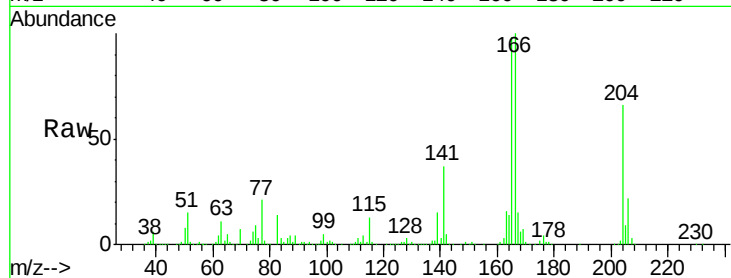
Tgt Ion:166 Resp: 1233194

Ion Ratio Lower Upper

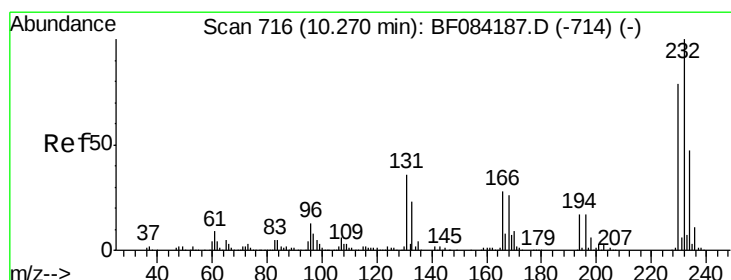
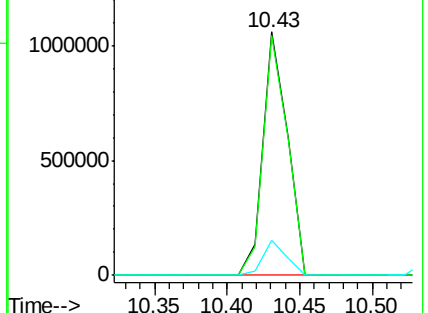
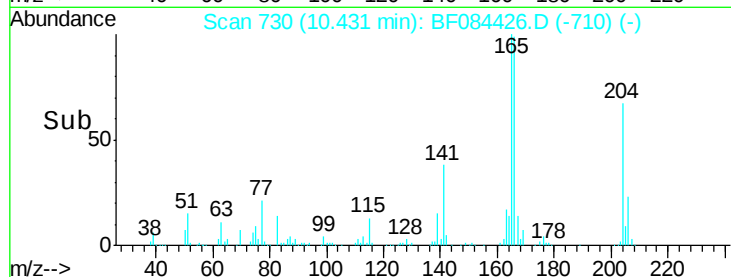
166 100

165 98.3 79.1 118.7

167 14.6 10.4 15.6



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: 43.98 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Tgt Ion:232 Resp: 370774

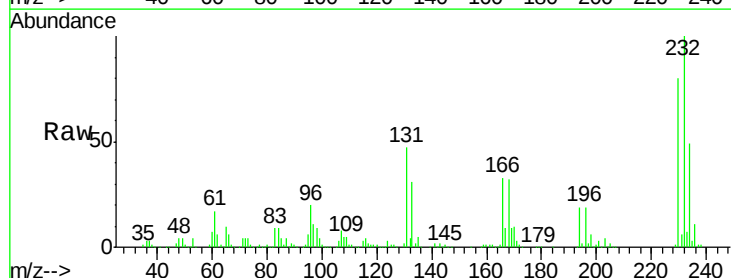
Ion Ratio Lower Upper

232 100

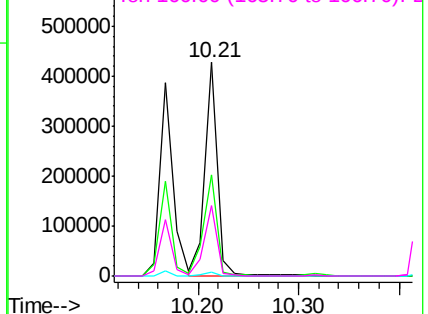
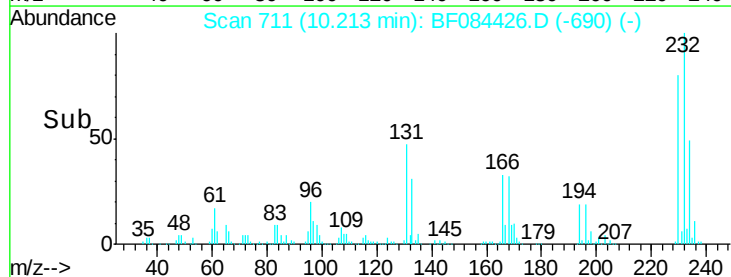
131 50.8 47.0 70.6

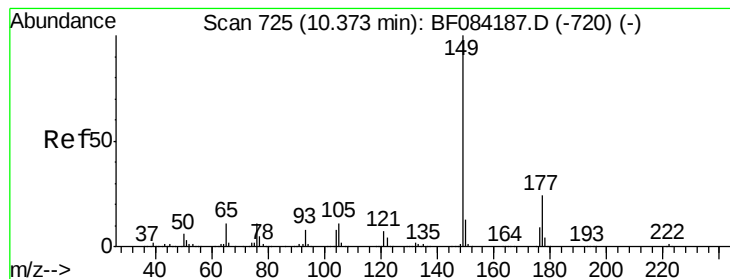
130 2.3 2.0 3.0

166 33.4 30.5 45.7



Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.86 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB87777BS

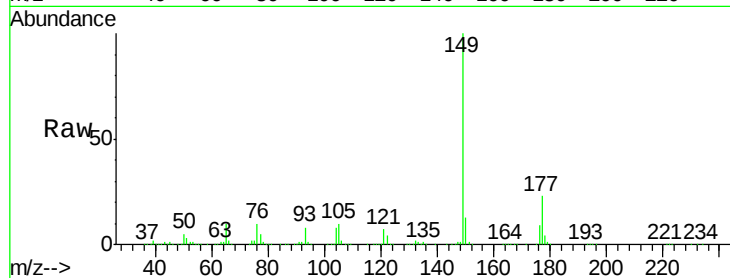
Tgt Ion:149 Resp: 1514465

Ion Ratio Lower Upper

149 100

177 23.1 17.3 25.9

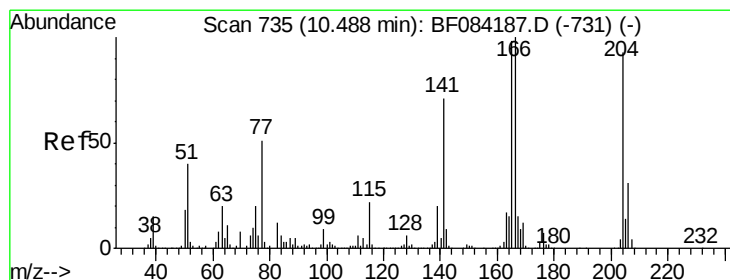
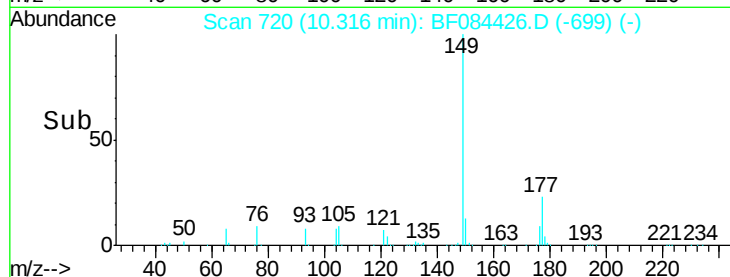
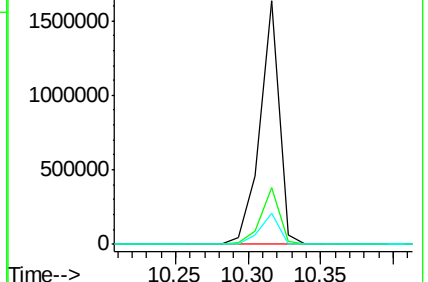
150 13.0 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 53.47 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

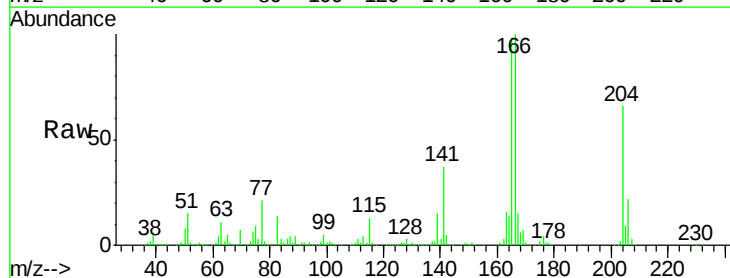
Tgt Ion:204 Resp: 650862

Ion Ratio Lower Upper

204 100

206 33.5 25.7 38.5

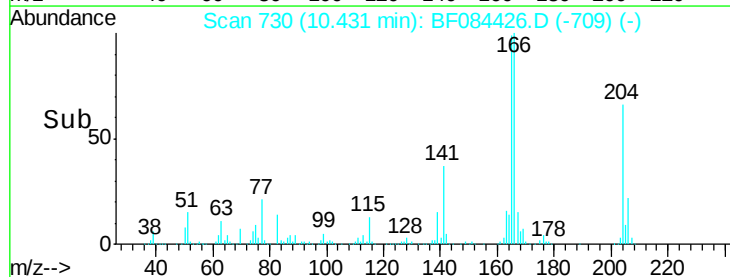
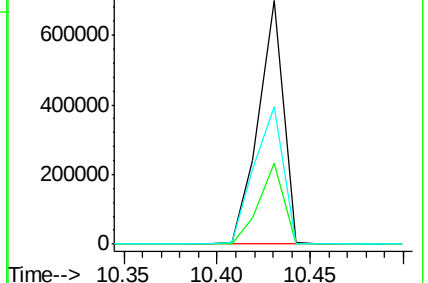
141 56.6 55.1 82.7

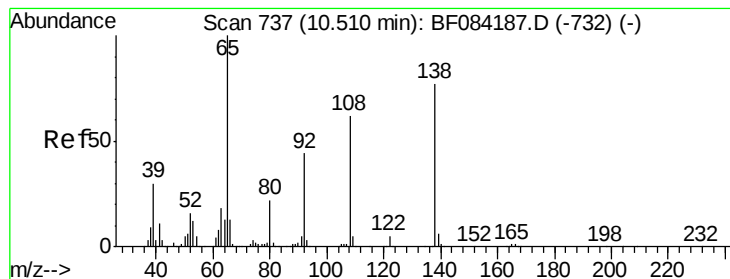


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.34 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB87777BS

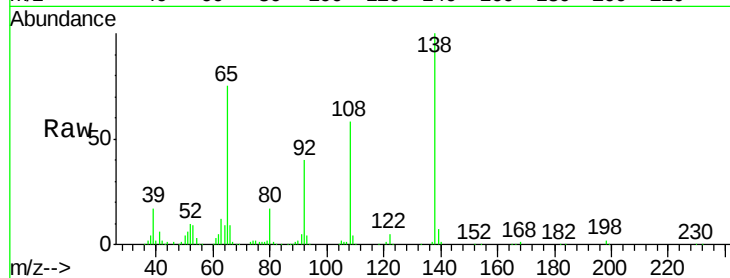
Tgt Ion:138 Resp: 384377

Ion Ratio Lower Upper

138 100

92 40.2 32.6 72.6

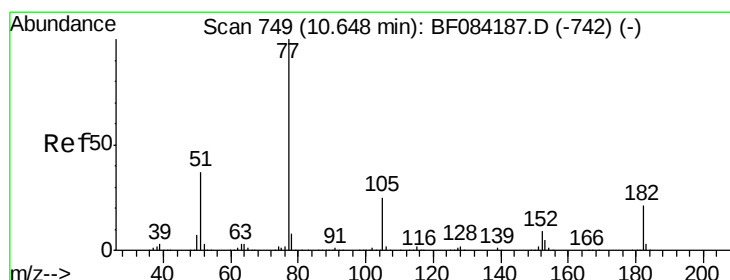
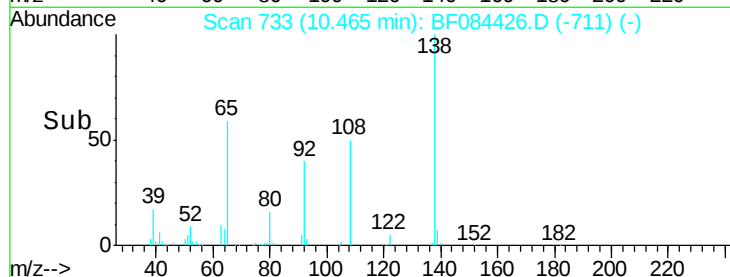
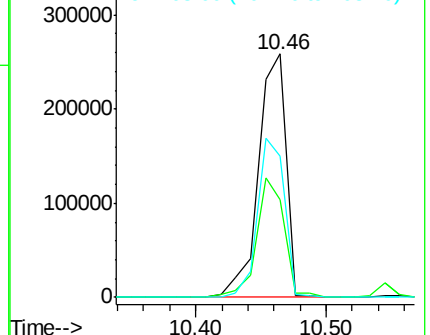
108 58.2 68.6 108.6#



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: 45.52 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Tgt Ion: 77 Resp: 1685553

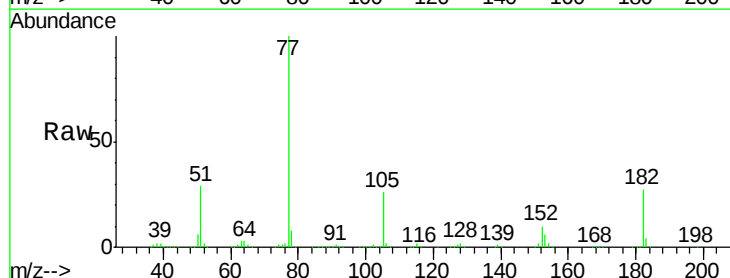
Ion Ratio Lower Upper

77 100

182 27.5 8.3 48.3

105 26.2 4.6 44.6

51 29.3 6.2 46.2

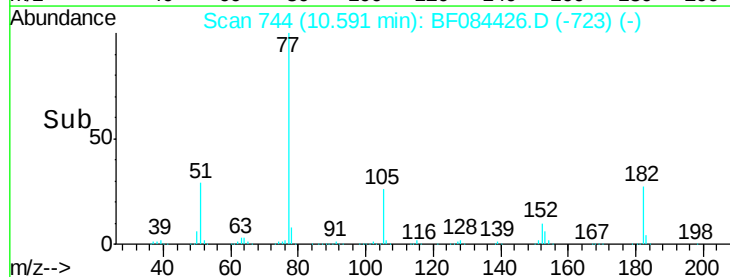
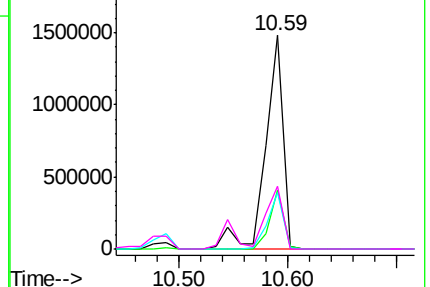


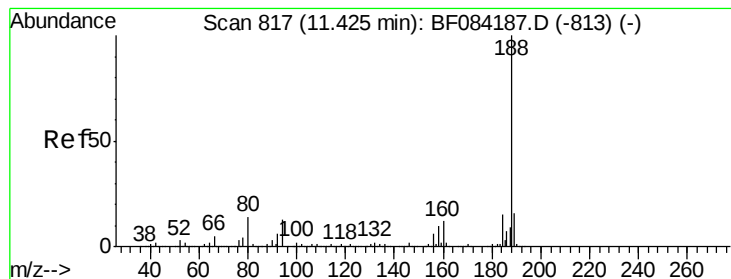
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.37 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB8777BS

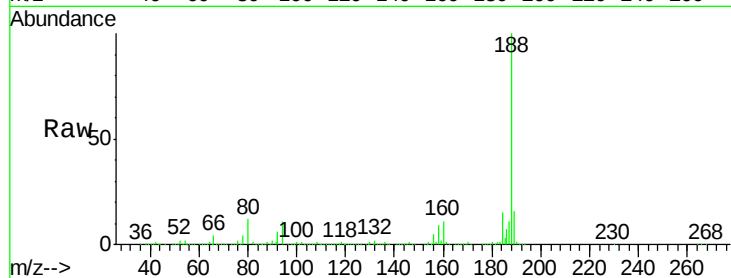
Tgt Ion:188 Resp: 895528

Ion Ratio Lower Upper

188 100

94 11.4 9.0 13.4

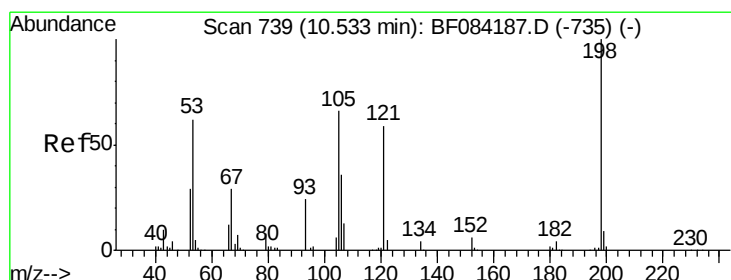
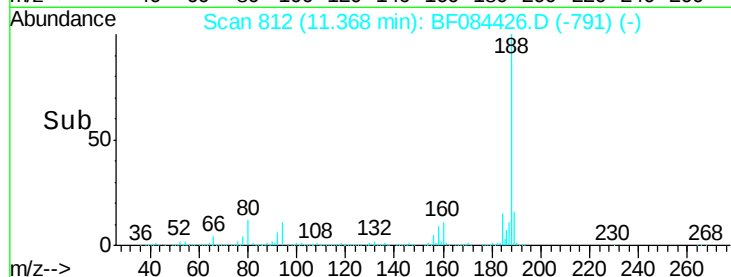
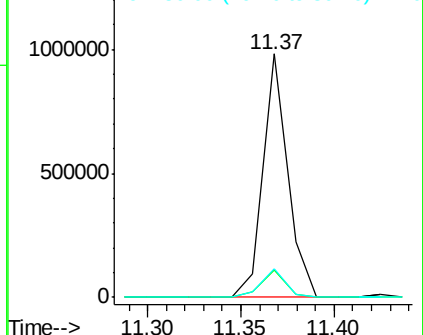
80 11.8 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 48.79 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.05 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

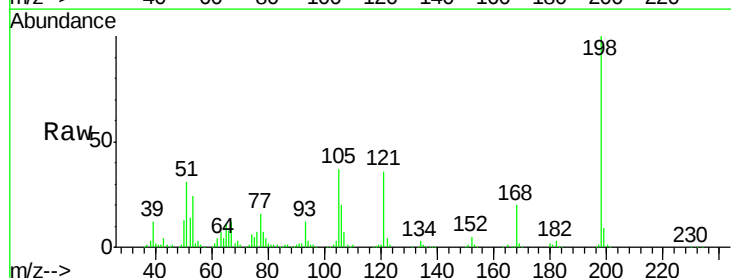
Tgt Ion:198 Resp: 264240

Ion Ratio Lower Upper

198 100

51 30.7 18.9 58.9

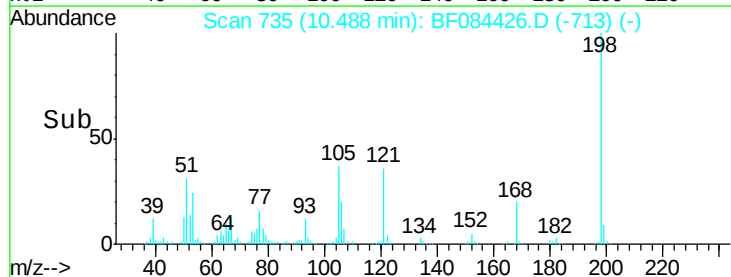
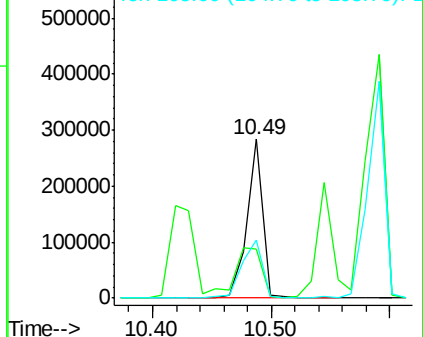
105 36.9 26.4 66.4

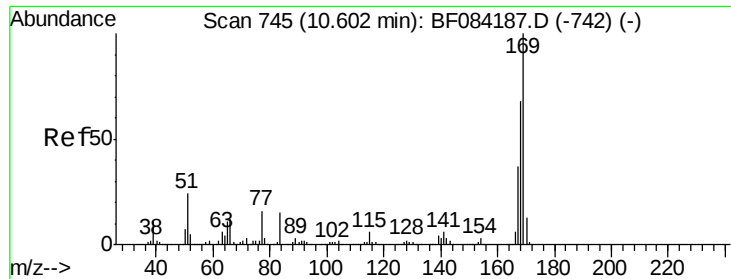


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.40 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB87777BS

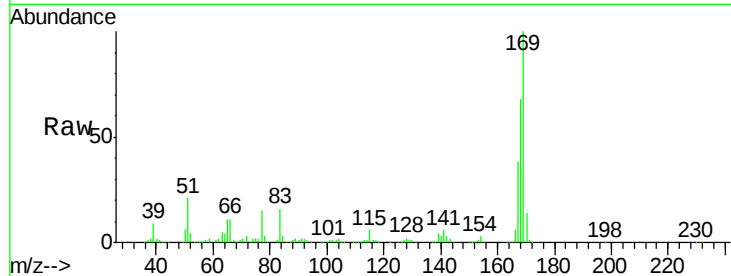
Tgt Ion:169 Resp: 1156816

Ion Ratio Lower Upper

169 100

168 68.1 55.1 82.7

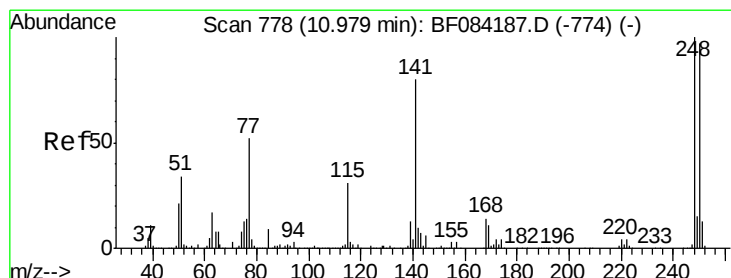
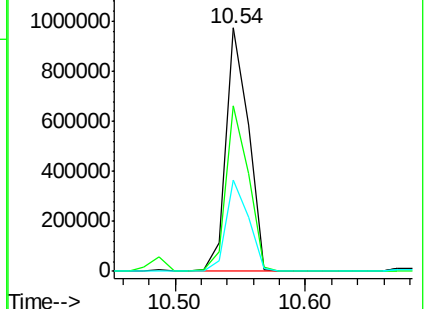
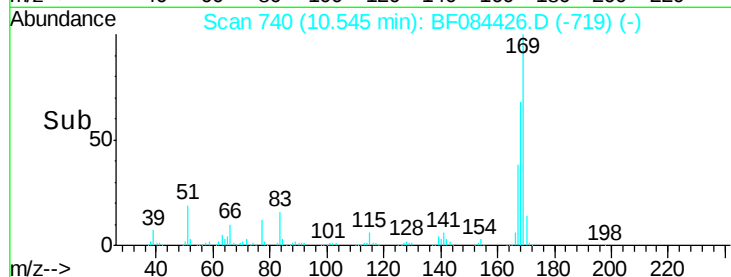
167 37.6 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.29 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

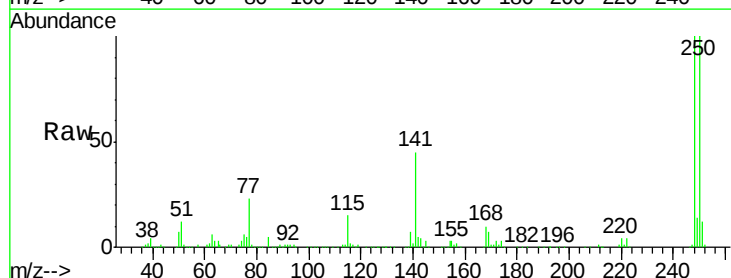
Tgt Ion:248 Resp: 417289

Ion Ratio Lower Upper

248 100

250 100.1 78.4 117.6

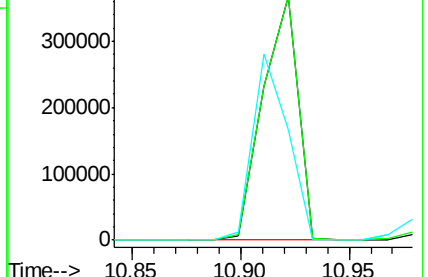
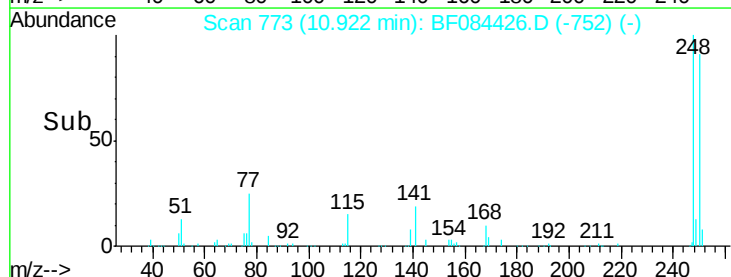
141 45.4 44.0 66.0

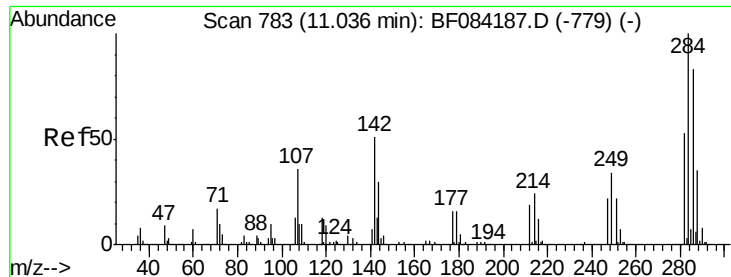


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

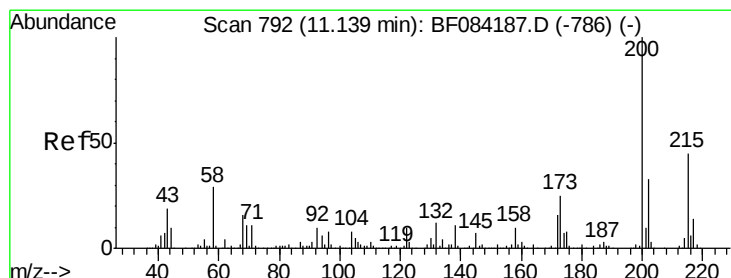
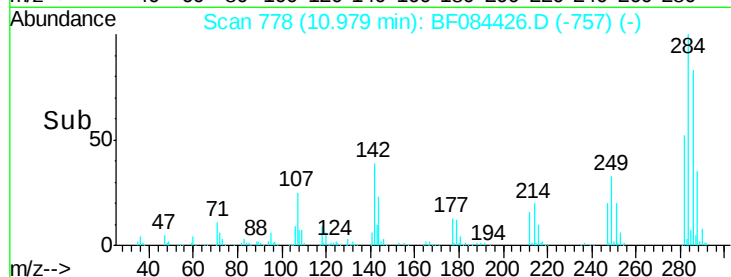
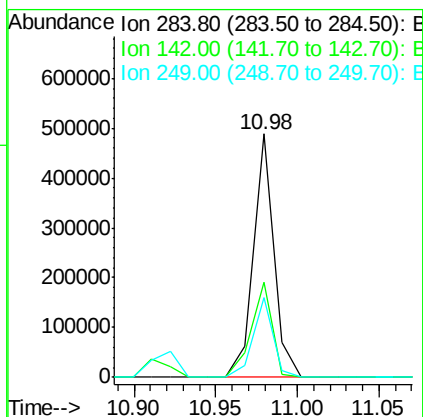
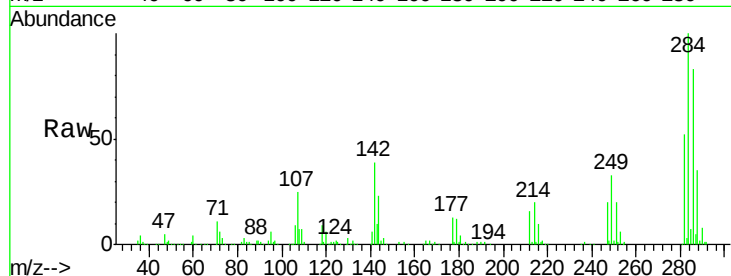




#67  
Hexachlorobenzene  
Concen: 39.37 ng  
RT: 10.98 min Scan# 778  
Delta R.T. -0.06 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

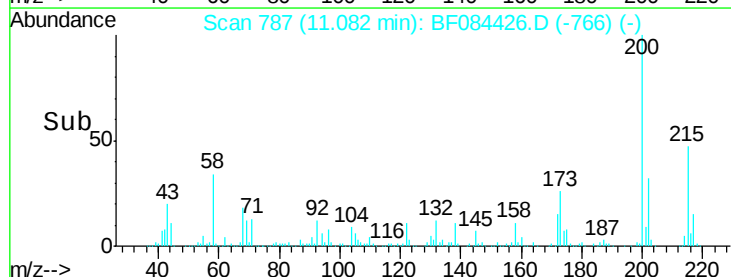
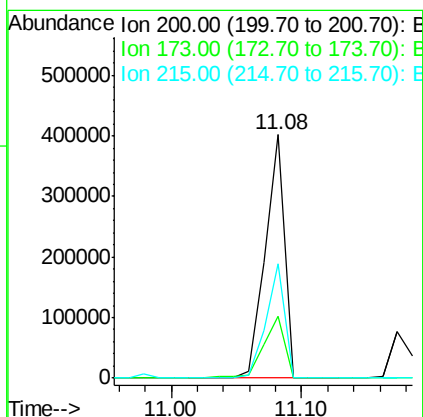
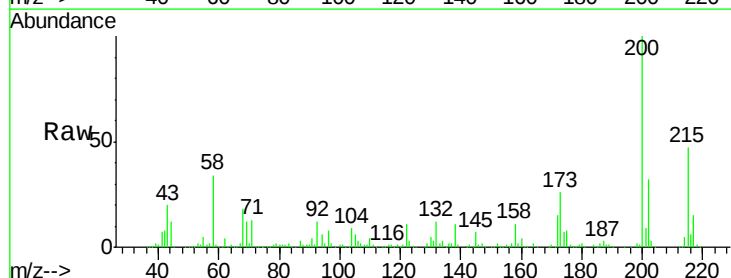
Instrument :  
BNA\_F  
ClientSampleId :  
PB87777BS

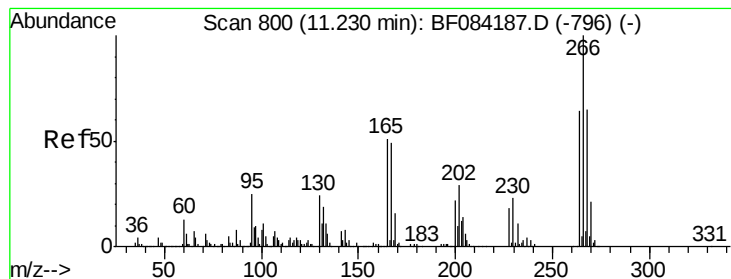
Tgt Ion:284 Resp: 427116  
Ion Ratio Lower Upper  
284 100  
142 39.3 22.2 33.4#  
249 33.0 24.6 37.0



#68  
Atrazine  
Concen: 44.60 ng  
RT: 11.08 min Scan# 787  
Delta R.T. -0.06 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

Tgt Ion:200 Resp: 417900  
Ion Ratio Lower Upper  
200 100  
173 25.5 9.5 49.5  
215 46.9 23.8 63.8





#69

Pentachlorophenol

Concen: 75.26 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB87777BS

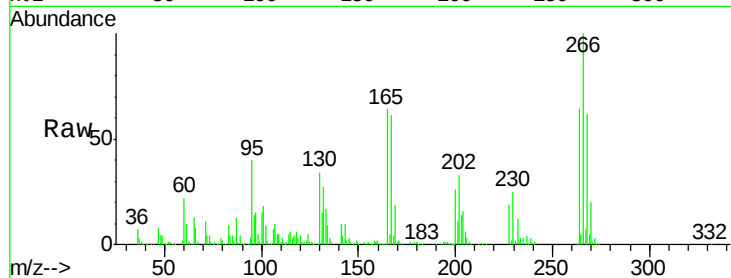
Tgt Ion:266 Resp: 423343

Ion Ratio Lower Upper

266 100

268 62.3 52.4 78.6

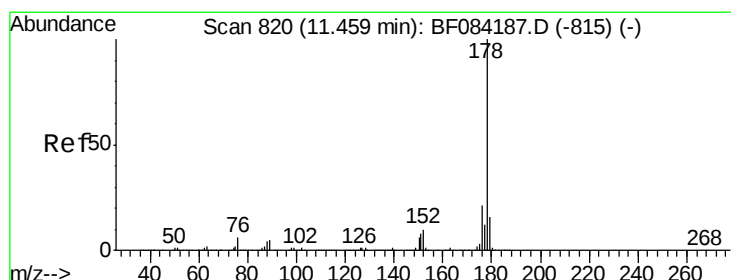
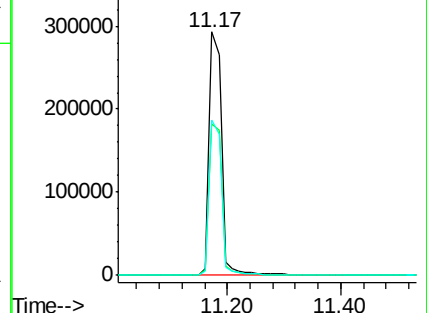
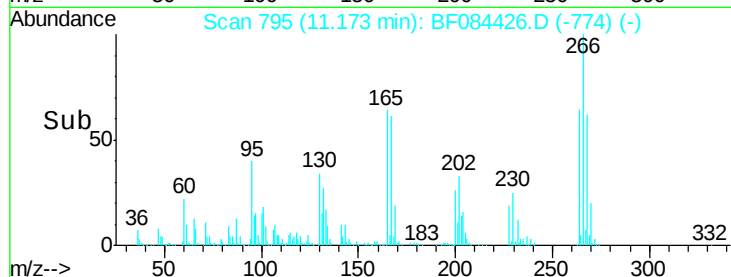
264 63.7 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.12 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.07 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

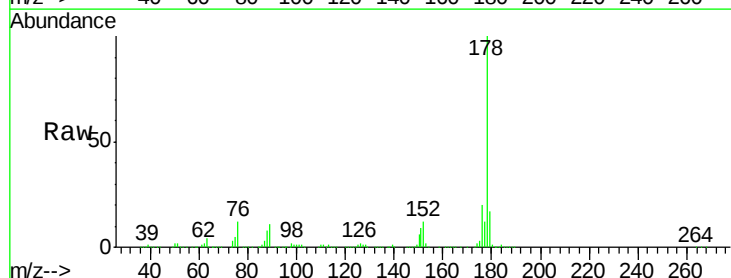
Tgt Ion:178 Resp: 1926072

Ion Ratio Lower Upper

178 100

176 20.3 15.3 22.9

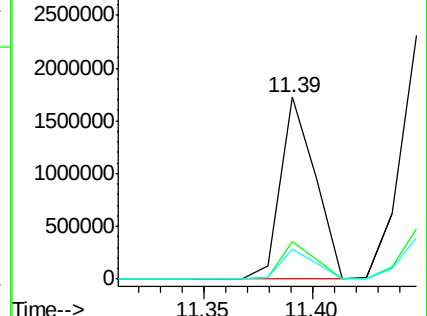
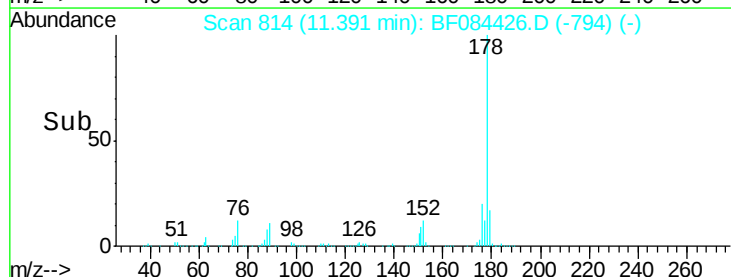
179 16.7 12.0 18.0

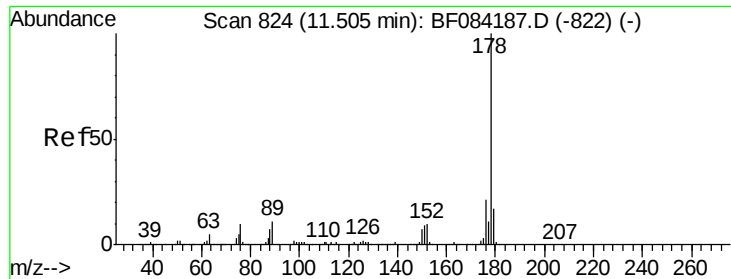


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

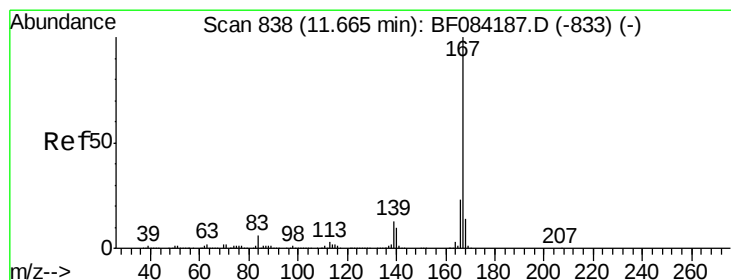
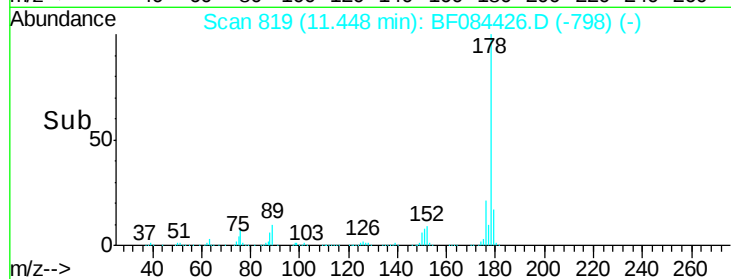
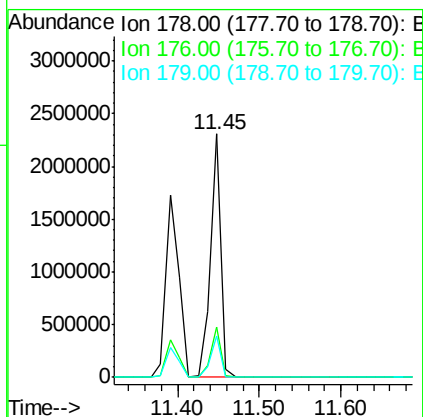
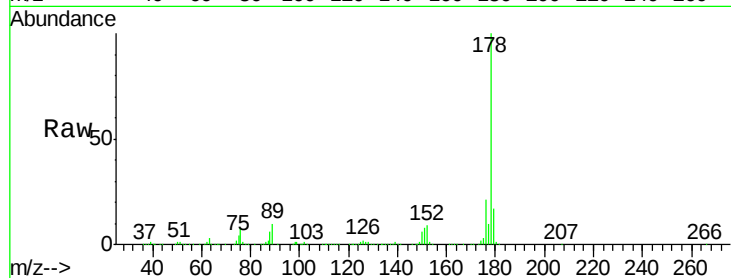




#71  
 Anthracene  
 Concen: 45.42 ng  
 RT: 11.45 min Scan# 819  
 Delta R.T. -0.06 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

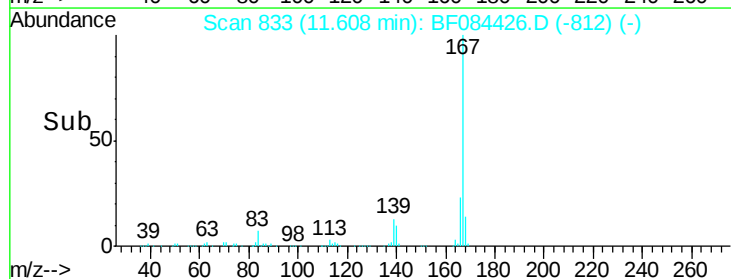
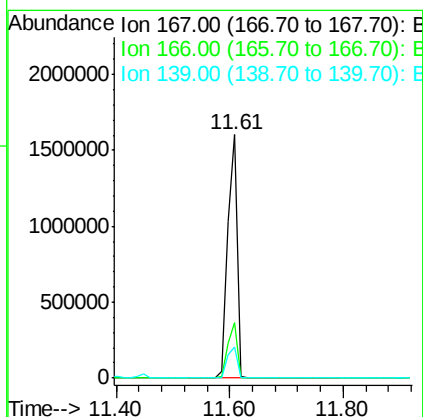
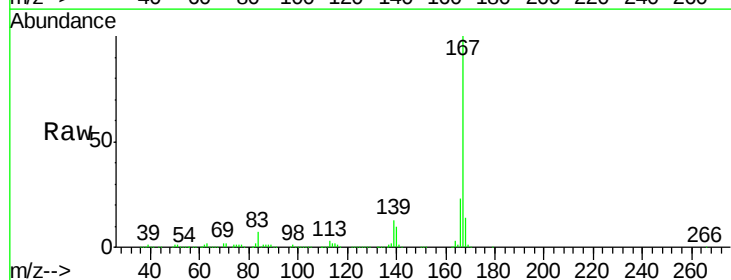
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87777BS

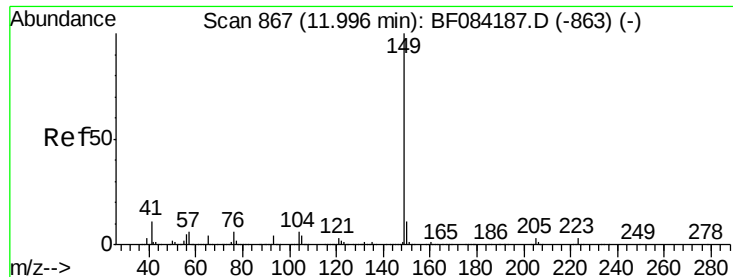
Tgt Ion:178 Resp: 2085452  
 Ion Ratio Lower Upper  
 178 100  
 176 20.5 15.4 23.0  
 179 16.8 12.5 18.7



#72  
 Carbazole  
 Concen: 41.45 ng  
 RT: 11.61 min Scan# 833  
 Delta R.T. -0.06 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

Tgt Ion:167 Resp: 1860939  
 Ion Ratio Lower Upper  
 167 100  
 166 23.0 17.6 26.4  
 139 12.6 11.8 17.8





#73

Di-n-butylphthalate

Concen: 47.74 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB8777BS

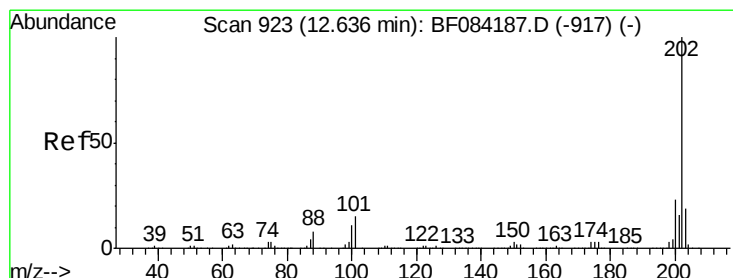
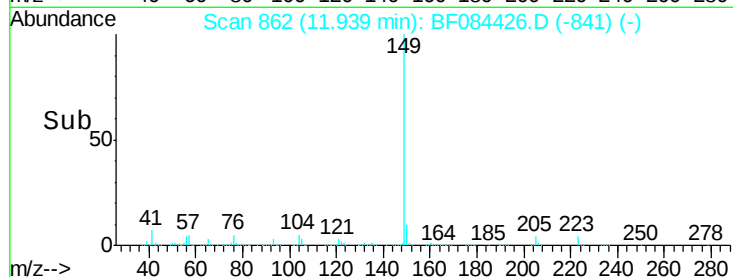
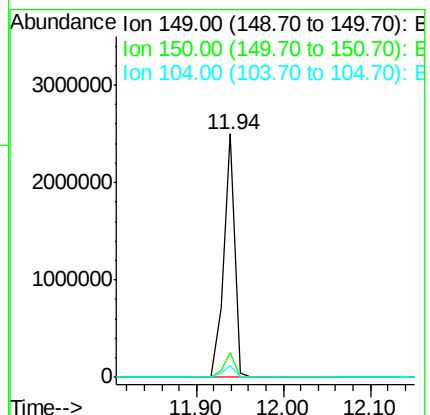
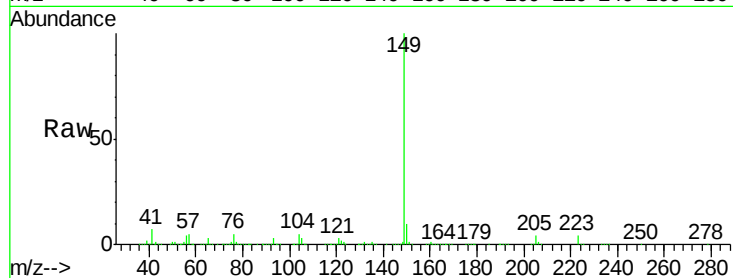
Tgt Ion:149 Resp: 2242997

Ion Ratio Lower Upper

149 100

150 10.1 7.1 10.7

104 5.1 3.2 4.8#



#74

Fluoranthene

Concen: 38.42 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

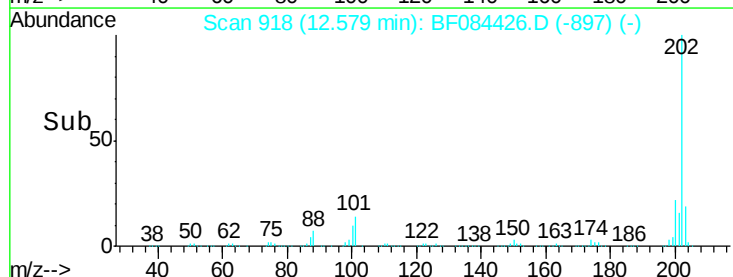
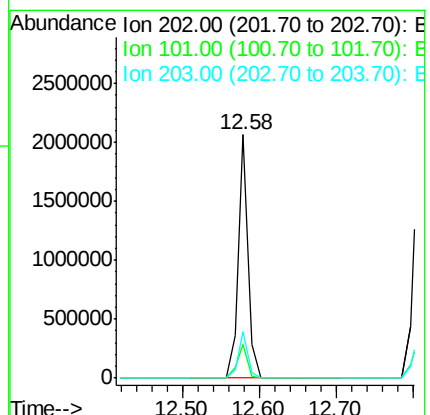
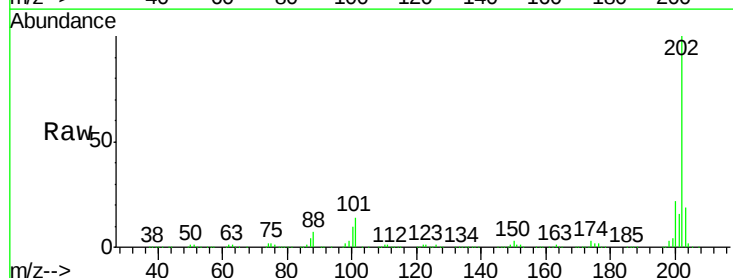
Tgt Ion:202 Resp: 1879821

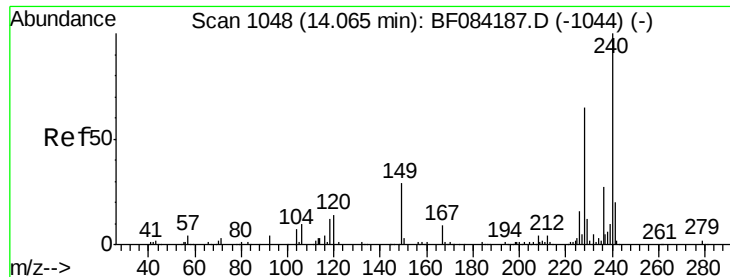
Ion Ratio Lower Upper

202 100

101 13.8 0.0 32.8

203 19.1 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB8777BS

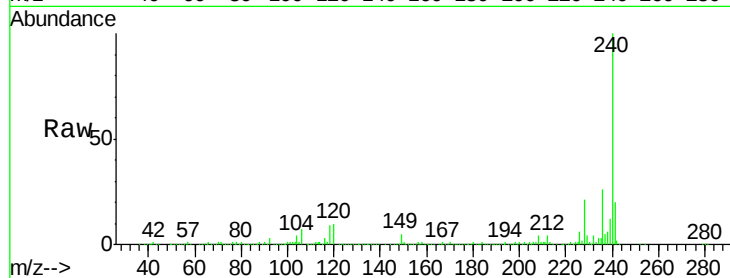
Tgt Ion:240 Resp: 641205

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

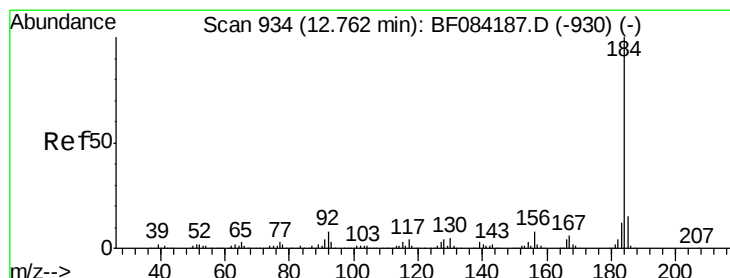
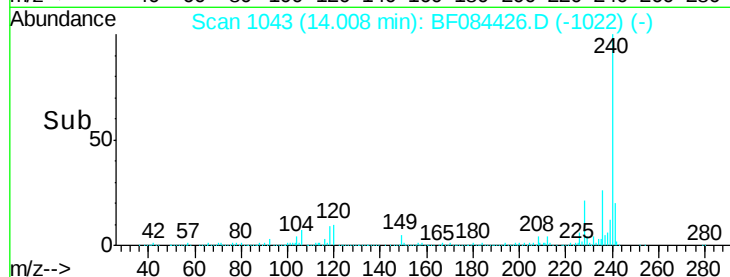
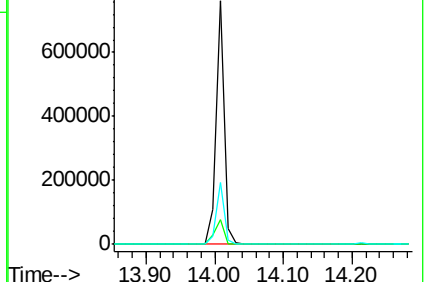
236 25.6 20.6 31.0



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: 23.90 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

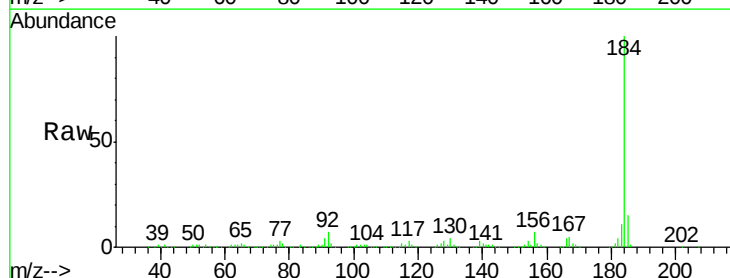
Tgt Ion:184 Resp: 549361

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

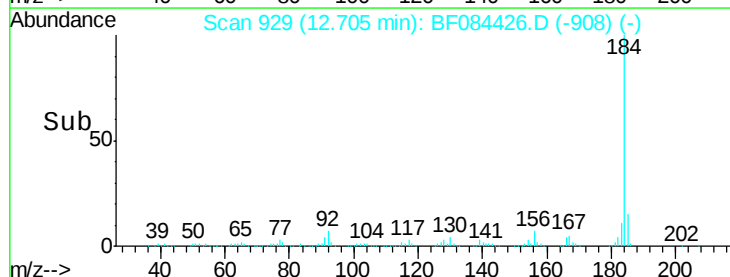
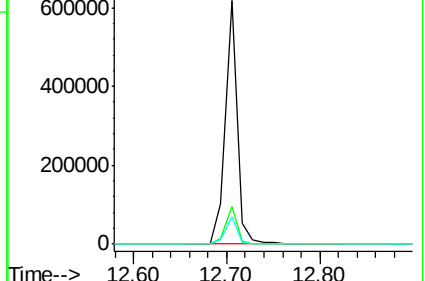
183 11.1 9.8 14.8

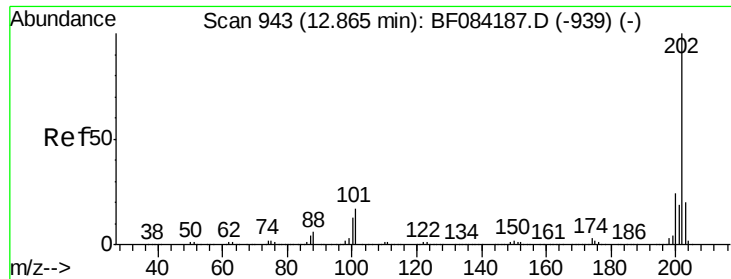


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

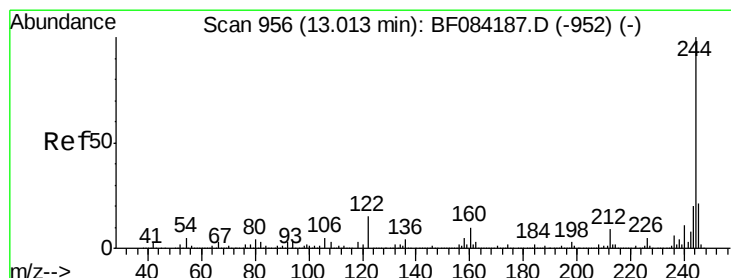
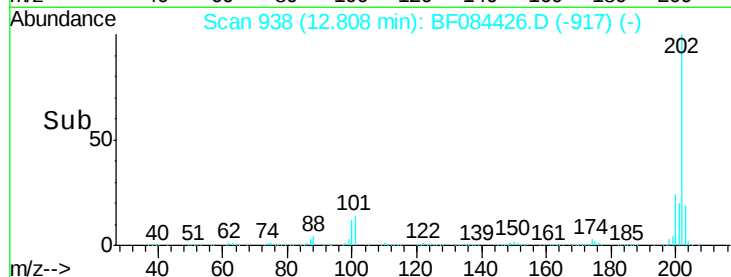
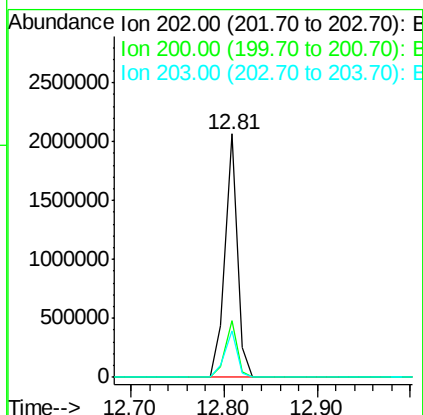
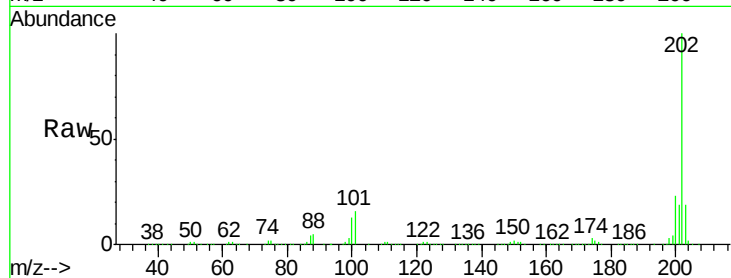




#77  
 Pyrene  
 Concen: 38.01 ng  
 RT: 12.81 min Scan# 938  
 Delta R.T. -0.06 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

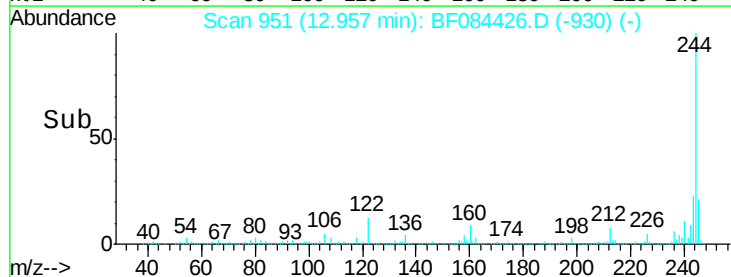
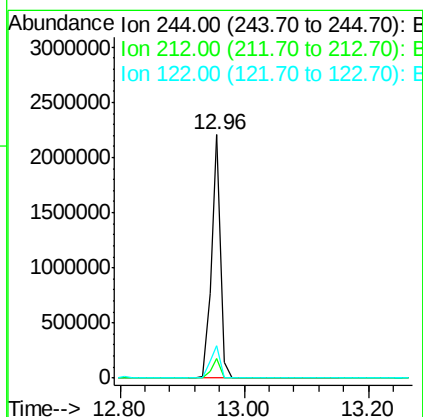
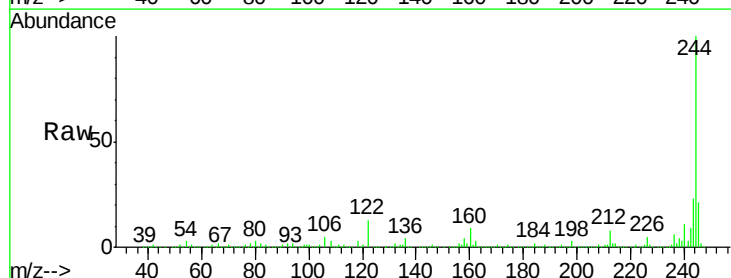
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87777BS

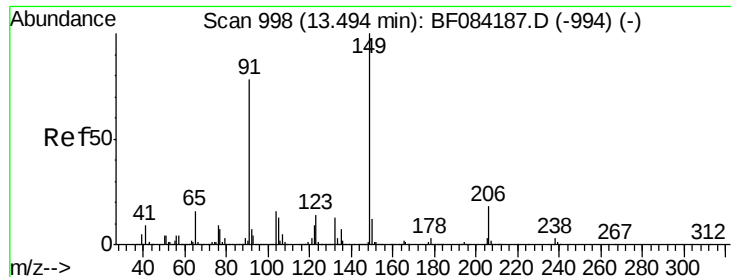
Tgt Ion:202 Resp: 1912698  
 Ion Ratio Lower Upper  
 202 100  
 200 23.2 17.2 25.8  
 203 19.0 14.3 21.5



#78  
 Terphenyl-d14  
 Concen: 75.10 ng  
 RT: 12.96 min Scan# 951  
 Delta R.T. -0.06 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

Tgt Ion:244 Resp: 2157360  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 5.7 8.5  
 122 13.2 7.4 11.0#

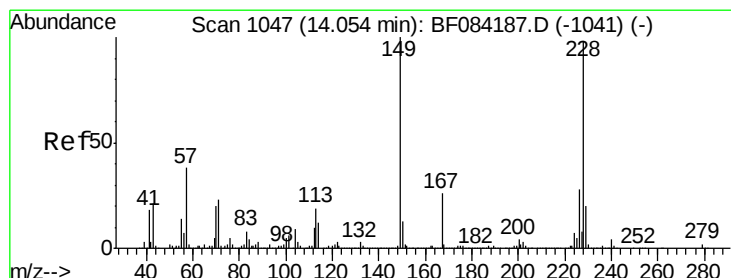
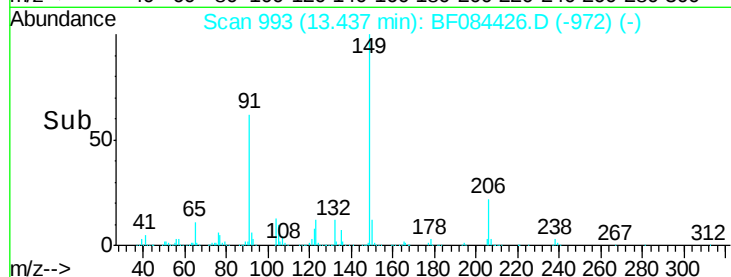
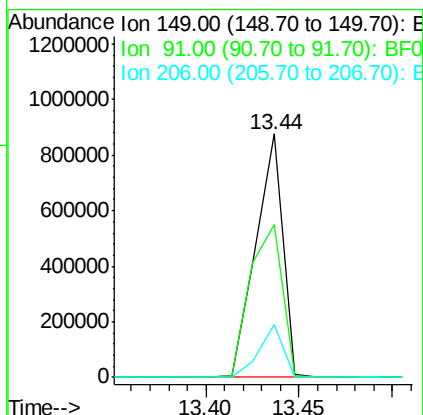
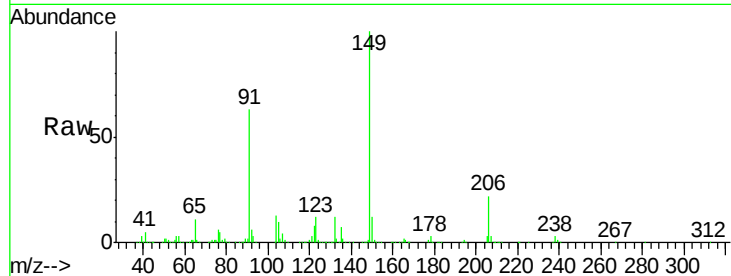




#79  
Butylbenzylphthalate  
Concen: 40.87 ng  
RT: 13.44 min Scan# 993  
Delta R.T. -0.06 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

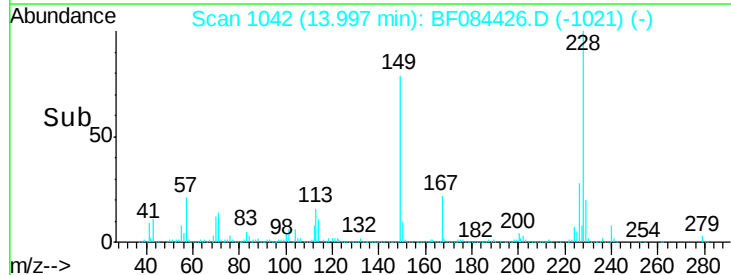
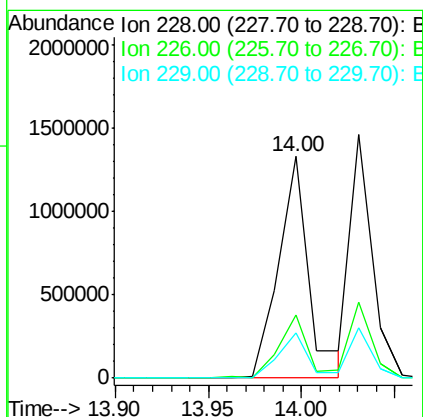
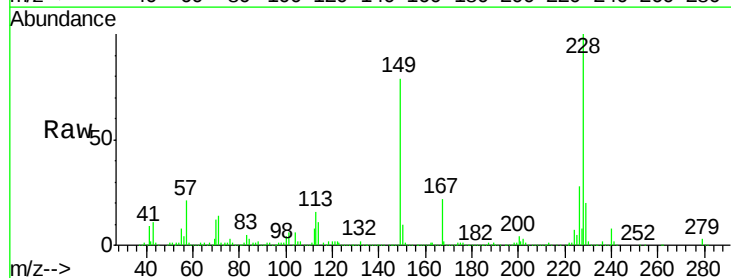
Instrument :  
BNA\_F  
ClientSampleId :  
PB87777BS

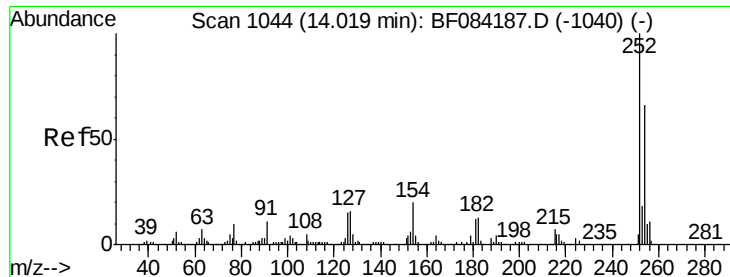
Tgt Ion:149 Resp: 889823  
Ion Ratio Lower Upper  
149 100  
91 62.5 57.6 86.4  
206 21.6 13.2 19.8#



#80  
Benzo(a)anthracene  
Concen: 39.79 ng  
RT: 14.00 min Scan# 1042  
Delta R.T. -0.06 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

Tgt Ion:228 Resp: 1498250  
Ion Ratio Lower Upper  
228 100  
226 28.3 21.8 32.6  
229 20.3 15.8 23.8

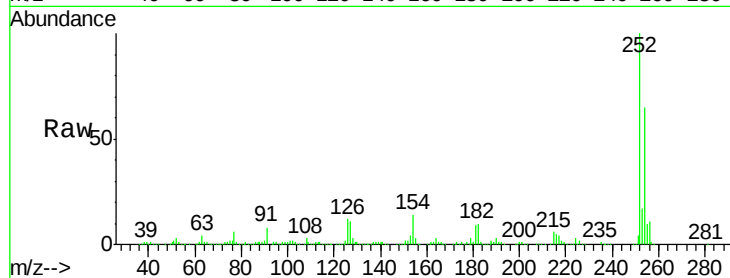




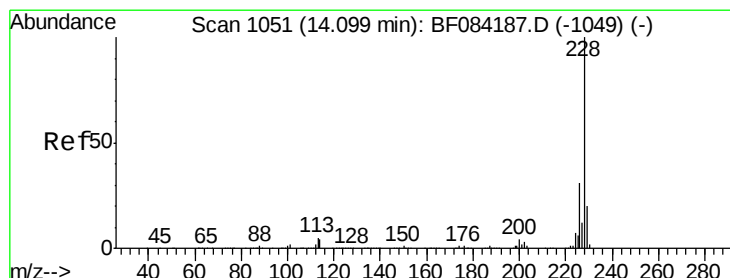
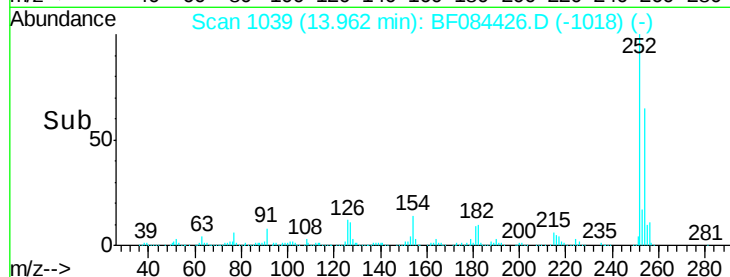
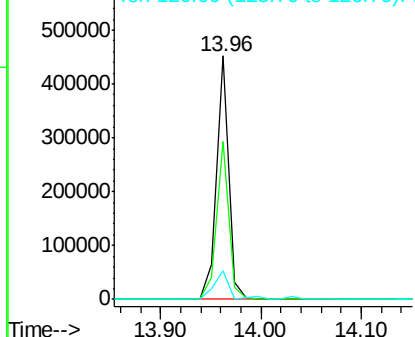
#81  
 3,3'-Dichlorobenzidine  
 Concen: 29.11 ng  
 RT: 13.96 min Scan# 1039  
 Delta R.T. -0.06 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87777BS

Tgt Ion:252 Resp: 382469  
 Ion Ratio Lower Upper  
 252 100  
 254 64.9 53.5 80.3  
 126 11.6 4.9 7.3#

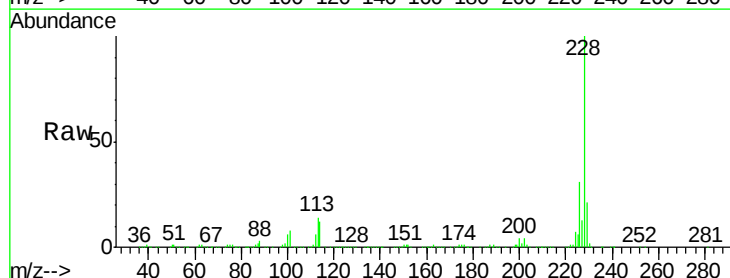


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

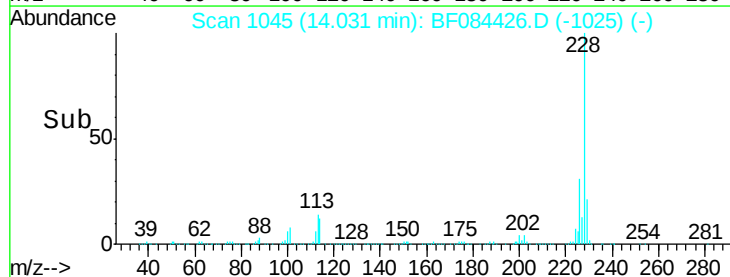
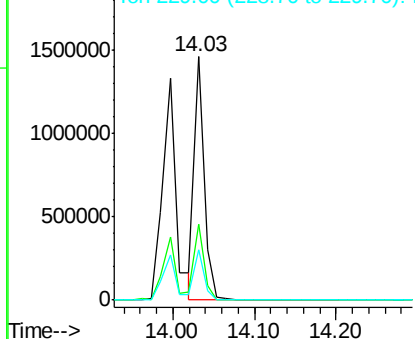


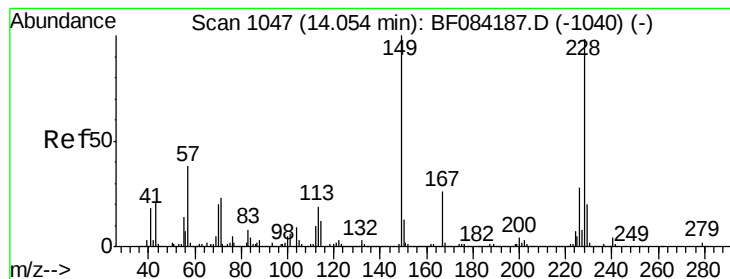
#82  
 Chrysene  
 Concen: 34.15 ng  
 RT: 14.03 min Scan# 1045  
 Delta R.T. -0.07 min  
 Lab File: BF084426.D  
 Acq: 12 Jan 2016 23:11

Tgt Ion:228 Resp: 1235561  
 Ion Ratio Lower Upper  
 228 100  
 226 31.4 24.3 36.5  
 229 20.9 16.1 24.1



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: 36.65 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.06 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB8777BS

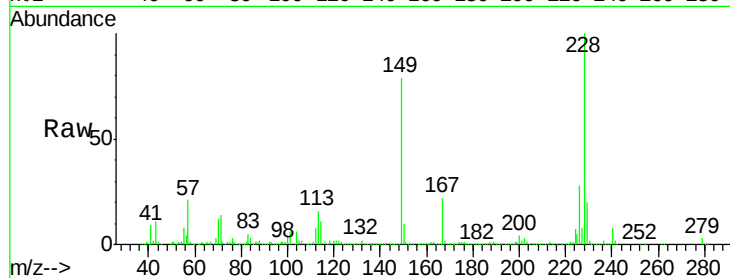
Tgt Ion:149 Resp: 1008261

Ion Ratio Lower Upper

149 100

167 27.4 19.7 29.5

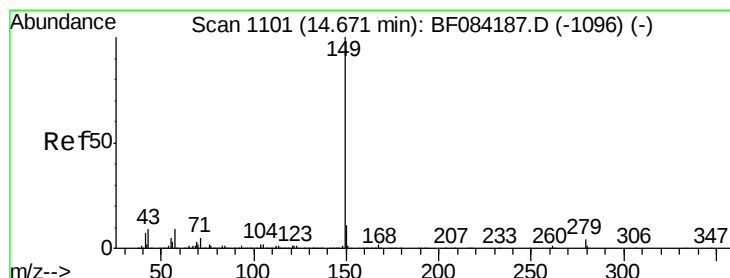
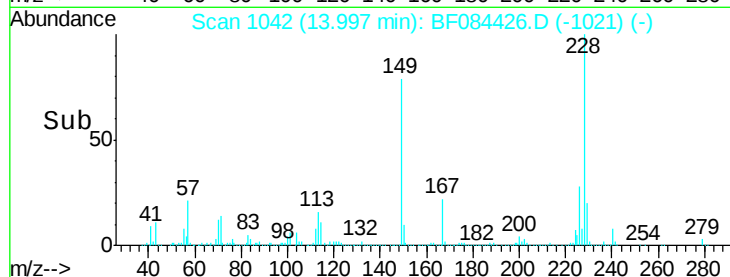
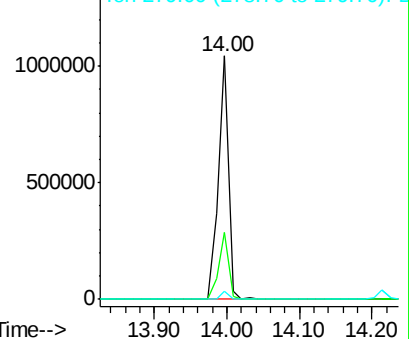
279 3.6 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.50 ng

RT: 14.60 min Scan# 1095

Delta R.T. -0.07 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

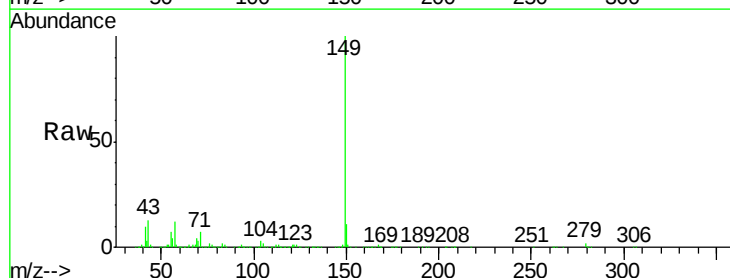
Tgt Ion:149 Resp: 1602070

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

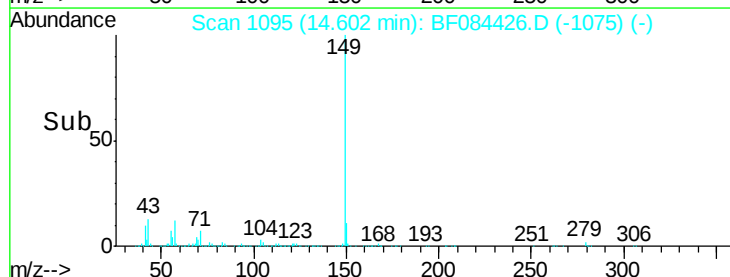
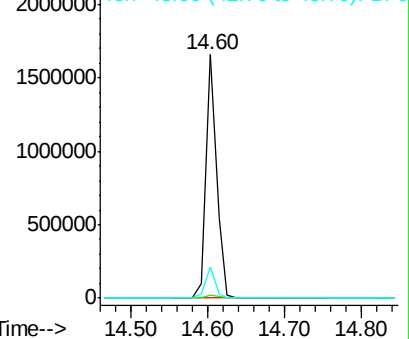
43 11.6 5.6 8.4#

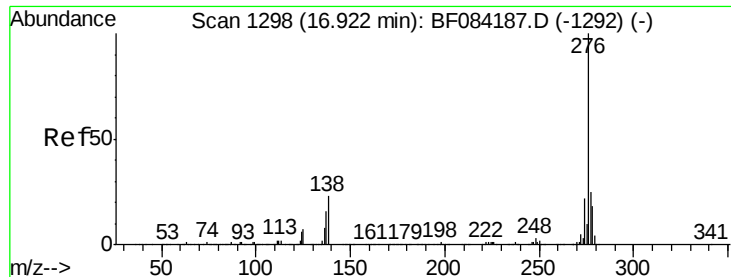


Abundance Ion 149.00 (148.70 to 149.70): E

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: 48.61 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.10 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB87777BS

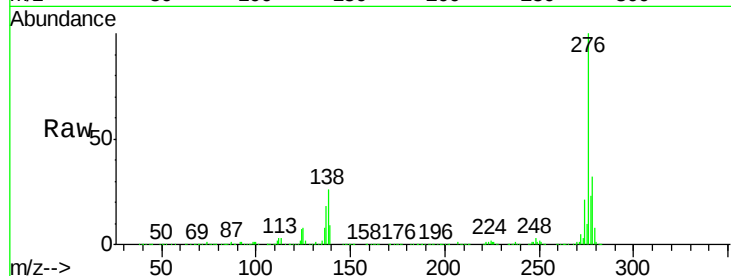
Tgt Ion:276 Resp: 1394111

Ion Ratio Lower Upper

276 100

138 28.8 20.6 30.8

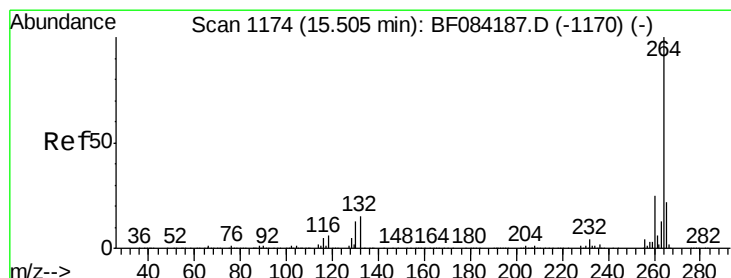
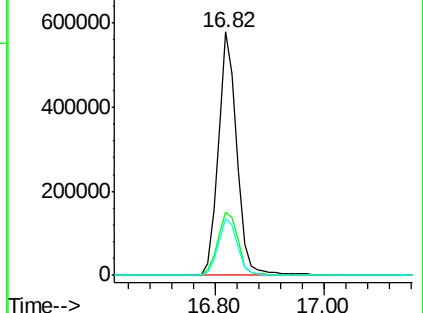
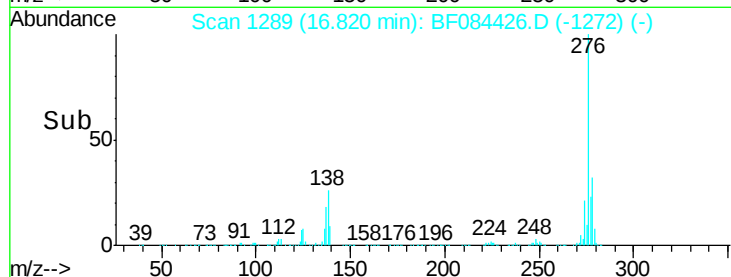
277 24.6 20.1 30.1



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: 15.43 min Scan# 1167

Delta R.T. -0.08 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

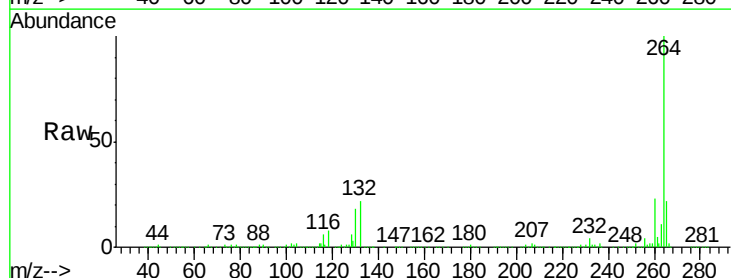
Tgt Ion:264 Resp: 483980

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

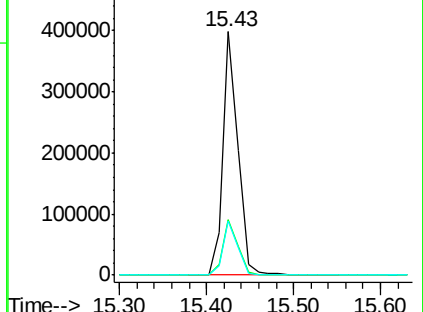
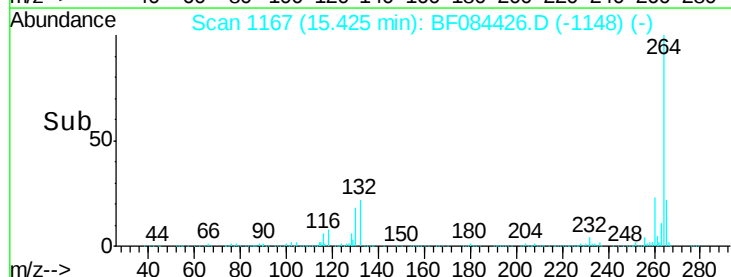
265 22.3 17.8 26.6

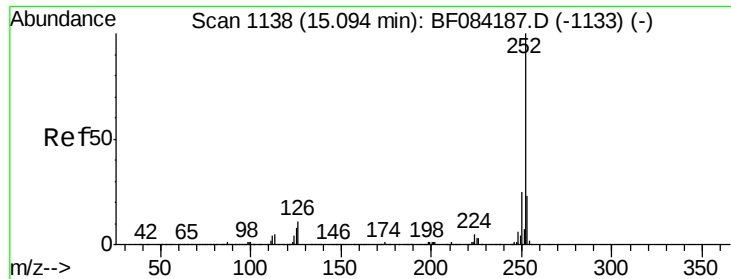


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

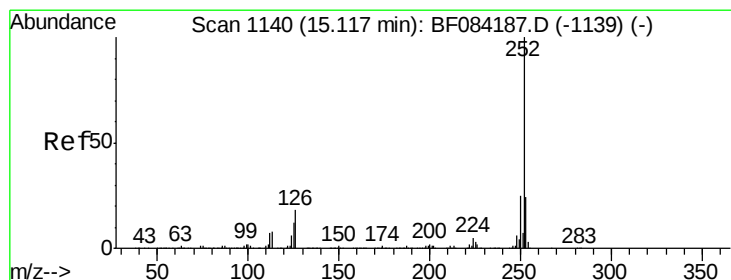
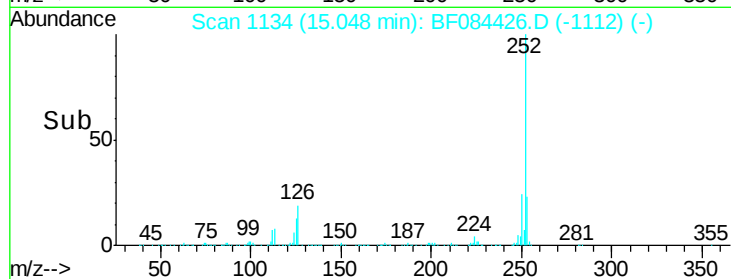
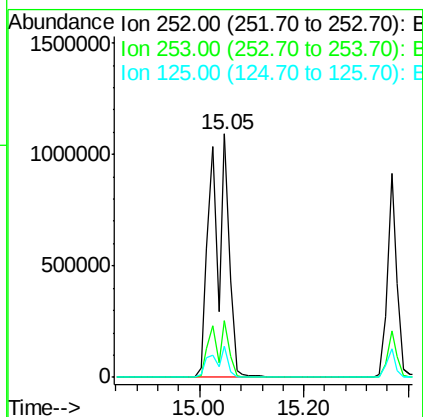
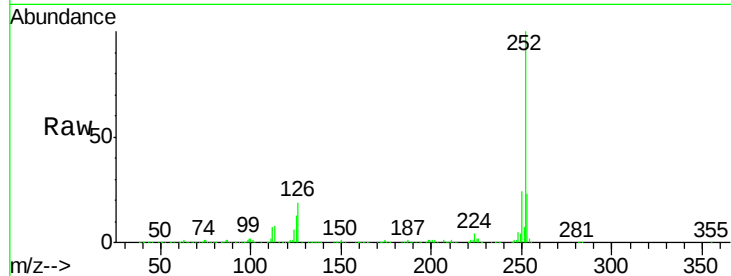




#87  
Benzo(b)fluoranthene  
Concen: 77.30 ng  
RT: 15.05 min Scan# 1134  
Delta R.T. -0.05 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

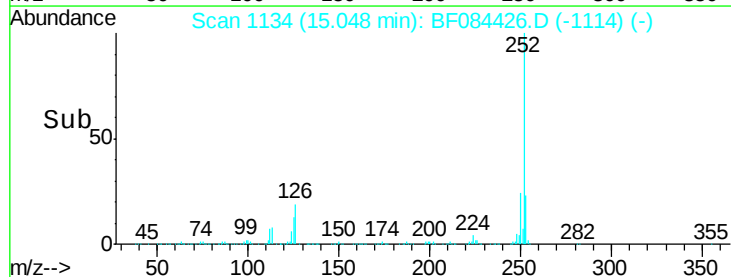
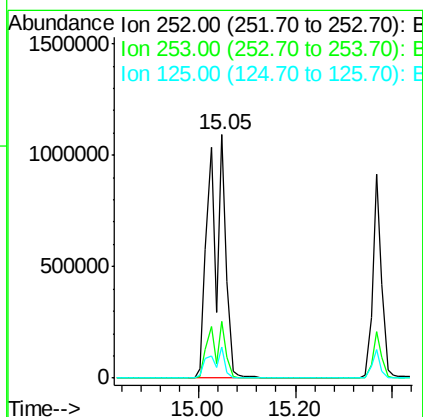
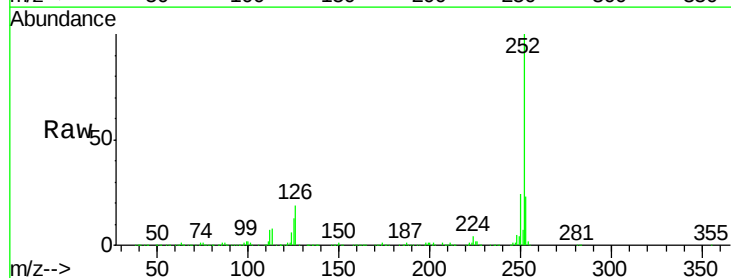
Instrument :  
BNA\_F  
ClientSampleId :  
PB87777BS

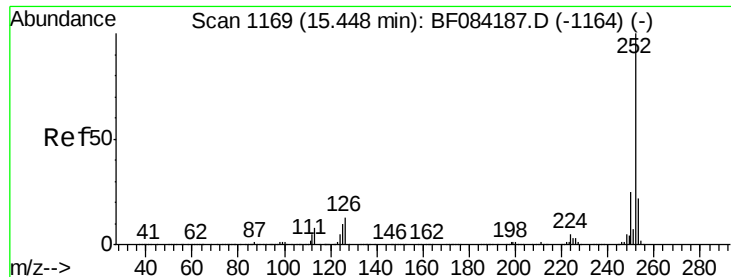
Tgt Ion:252 Resp: 2447128  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.3 25.9  
125 12.9 6.5 9.7#



#88  
Benzo(k)fluoranthene  
Concen: 94.55 ng  
RT: 15.05 min Scan# 1134  
Delta R.T. -0.07 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

Tgt Ion:252 Resp: 2448242  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.1 27.1  
125 12.9 9.0 13.6

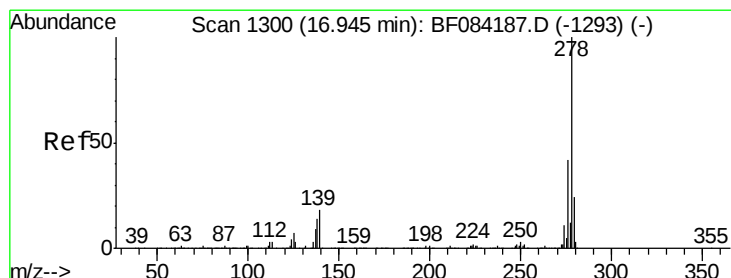
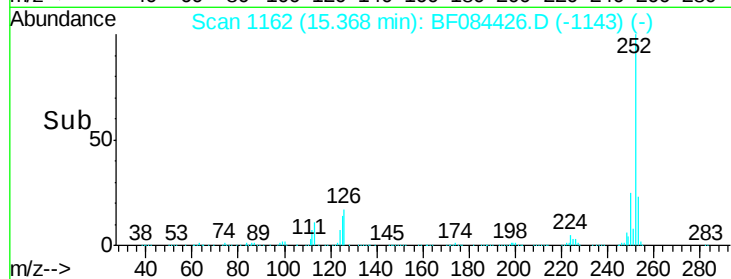
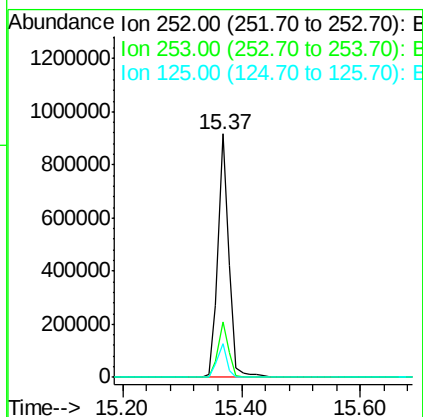
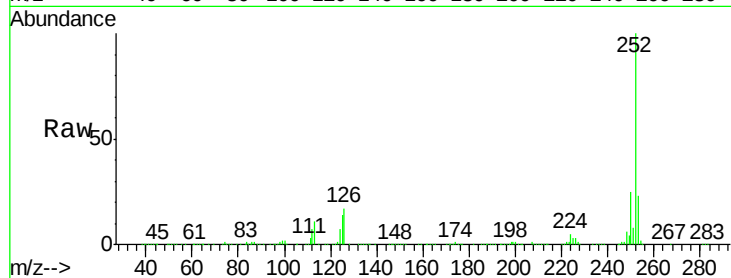




#89  
Benzo(a)pyrene  
Concen: 43.42 ng  
RT: 15.37 min Scan# 1162  
Delta R.T. -0.08 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

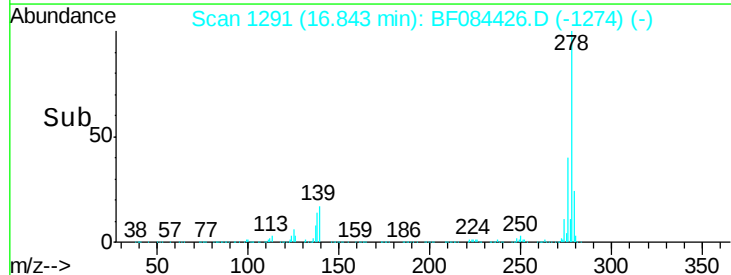
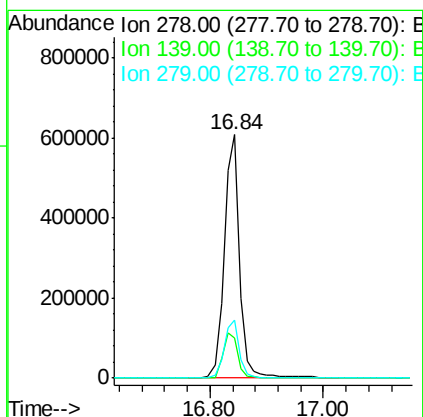
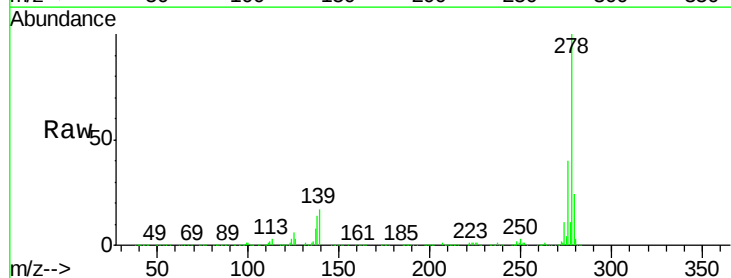
Instrument :  
BNA\_F  
ClientSampleId :  
PB87777BS

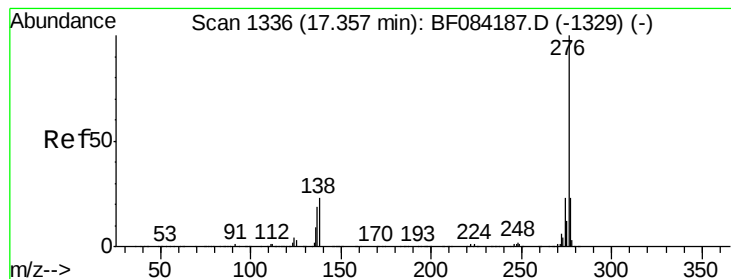
Tgt Ion:252 Resp: 1165949  
Ion Ratio Lower Upper  
252 100  
253 23.0 17.3 25.9  
125 13.7 7.0 10.4#



#90  
Dibenzo(a,h)anthracene  
Concen: 49.55 ng  
RT: 16.84 min Scan# 1291  
Delta R.T. -0.10 min  
Lab File: BF084426.D  
Acq: 12 Jan 2016 23:11

Tgt Ion:278 Resp: 1144984  
Ion Ratio Lower Upper  
278 100  
139 16.7 15.0 22.4  
279 24.1 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 50.64 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.11 min

Lab File: BF084426.D

Acq: 12 Jan 2016 23:11

Instrument :

BNA\_F

ClientSampleId :

PB87777BS

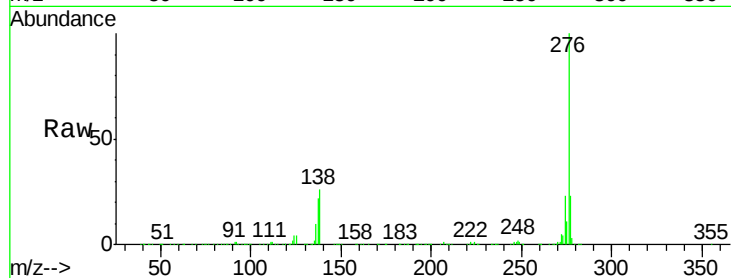
Tgt Ion:276 Resp: 1211787

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 25.6 17.8 26.6



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

