

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF042915\  
 Data File : BF078815.D  
 Acq On : 29 Apr 2015 16:06  
 Operator : TP/IZ  
 Sample : PB83017BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83017BS

Quant Time: Apr 30 01:13:33 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 30 00:55:08 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.38  | 152  | 76830    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.96  | 136  | 328118   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 11.14 | 164  | 158875   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.98 | 188  | 302101   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.29 | 240  | 313524   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 18.07 | 264  | 312871   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.68  | 112 | 557626  | 133.30 | ng | 0.00 |
| 7) Phenol-d6                | 6.92  | 99  | 705234  | 126.23 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.07  | 82  | 390509  | 85.69  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 12.13 | 330 | 208695  | 132.04 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 10.31 | 172 | 861166  | 74.23  | ng | 0.00 |
| 78) Terphenyl-d14           | 14.98 | 244 | 1016887 | 77.24  | ng | 0.00 |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.38  | 88  | 64237  | 33.47 | ng | # 13   |
| 3) Pyridine                    | 3.14  | 79  | 199663 | 35.23 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.05  | 42  | 98558  | 38.71 | ng | 92     |
| 6) Aniline                     | 6.97  | 93  | 175130 | 21.46 | ng | 98     |
| 8) 2-Chlorophenol              | 7.11  | 128 | 200720 | 41.74 | ng | 93     |
| 9) Benzaldehyde                | 6.83  | 77  | 12859  | 3.19  | ng | 94     |
| 10) Phenol                     | 6.95  | 94  | 267303 | 40.48 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.07  | 93  | 197953 | 40.53 | ng | 87     |
| 12) 1,3-Dichlorobenzene        | 7.31  | 146 | 216214 | 38.73 | ng | # 89   |
| 13) 1,4-Dichlorobenzene        | 7.40  | 146 | 223568 | 39.11 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.59  | 146 | 215716 | 40.39 | ng | 98     |
| 15) Benzyl Alcohol             | 7.55  | 79  | 167581 | 40.25 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.74  | 45  | 311930 | 40.86 | ng | 98     |
| 17) 2-Methylphenol             | 7.69  | 107 | 161776 | 41.56 | ng | 94     |
| 18) Hexachloroethane           | 8.01  | 117 | 76790  | 40.67 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.90  | 70  | 159785 | 40.99 | ng | # 89   |
| 20) 3+4-Methylphenols          | 7.88  | 107 | 218806 | 43.15 | ng | 92     |
| 22) Acetophenone               | 7.88  | 105 | 291613 | 40.12 | ng | # 91   |
| 24) Nitrobenzene               | 8.09  | 77  | 205422 | 42.09 | ng | 97     |
| 25) Isophorone                 | 8.40  | 82  | 394573 | 38.30 | ng | # 91   |
| 26) 2-Nitrophenol              | 8.49  | 139 | 78859  | 54.92 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 8.55  | 122 | 189407 | 41.44 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 8.67  | 93  | 263484 | 41.42 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.78  | 162 | 166326 | 42.58 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 8.89  | 180 | 172226 | 38.39 | ng | 97     |
| 31) Naphthalene                | 8.98  | 128 | 589576 | 37.86 | ng | 100    |
| 32) Benzoic acid               | 8.63  | 122 | 79246  | 57.13 | ng | 98     |
| 33) 4-Chloroaniline            | 9.05  | 127 | 122343 | 18.67 | ng | 94     |
| 34) Hexachlorobutadiene        | 9.14  | 225 | 96847  | 38.26 | ng | 98     |
| 35) Caprolactam                | 9.47  | 113 | 52067  | 41.86 | ng | # 85   |
| 36) 4-Chloro-3-methylphenol    | 9.66  | 107 | 183577 | 44.76 | ng | 89     |
| 37) 2-Methylnaphthalene        | 9.85  | 142 | 422298 | 40.31 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.06 | 216 | 168396 | 37.41 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 10.04 | 237 | 173047 | 91.45 | ng | 98     |

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 ALS Vial : 11 Sample Multiplier: 1

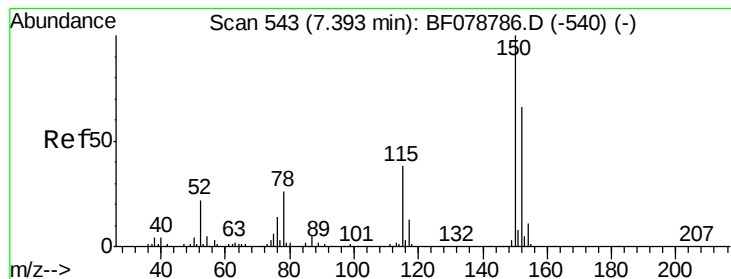
Instrument :  
 BNA\_F  
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Quant Time: Apr 30 01:13:33 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042815.M  
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 QLast Update : Thu Apr 30 00:55:08 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 10.19 | 196  | 119104   | 43.42  | ng    | 95       |
| 43) 2,4,5-Trichlorophenol      | 10.24 | 196  | 121126   | 41.49  | ng #  | 89       |
| 45) 1,1'-Biphenyl              | 10.43 | 154  | 497606   | 39.03  | ng    | 96       |
| 46) 2-Chloronaphthalene        | 10.46 | 162  | 375374   | 37.67  | ng    | 94       |
| 47) 2-Nitroaniline             | 10.57 | 65   | 100363   | 46.12  | ng    | 86       |
| 48) Acenaphthylene             | 10.96 | 152  | 615978   | 37.78  | ng    | 99       |
| 49) Dimethylphthalate          | 10.81 | 163  | 440357   | 38.99  | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.89 | 165  | 83317    | 45.28  | ng #  | 66       |
| 51) Acenaphthene               | 11.18 | 154  | 376001   | 39.27  | ng    | 99       |
| 52) 3-Nitroaniline             | 11.08 | 138  | 69733    | 29.21  | ng    | 85       |
| 53) 2,4-Dinitrophenol          | 11.22 | 184  | 43192    | 146.74 | ng #  | 71       |
| 54) Dibenzofuran               | 11.39 | 168  | 552717   | 39.35  | ng    | 97       |
| 55) 4-Nitrophenol              | 11.29 | 139  | 173467   | 89.69  | ng    | 90       |
| 56) 2,4-Dinitrotoluene         | 11.38 | 165  | 118426   | 52.08  | ng #  | 69       |
| 57) Fluorene                   | 11.82 | 166  | 444600   | 39.59  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.54 | 232  | 99615    | 45.57  | ng #  | 100      |
| 59) Diethylphthalate           | 11.69 | 149  | 445599   | 39.65  | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 11.83 | 204  | 197948   | 39.62  | ng    | 92       |
| 61) 4-Nitroaniline             | 11.84 | 138  | 96067    | 40.29  | ng    | 93       |
| 62) Azobenzene                 | 12.02 | 77   | 486366   | 42.44  | ng    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 11.88 | 198  | 32281    | 59.65  | ng #  | 64       |
| 65) n-Nitrosodiphenylamine     | 11.98 | 169  | 395916   | 40.54  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.43 | 248  | 121959   | 39.99  | ng #  | 89       |
| 67) Hexachlorobenzene          | 12.49 | 284  | 139103   | 40.27  | ng #  | 90       |
| 68) Atrazine                   | 12.64 | 200  | 116664   | 44.60  | ng    | 97       |
| 69) Pentachlorophenol          | 12.74 | 266  | 156044   | 84.66  | ng    | 97       |
| 70) Phenanthrene               | 13.02 | 178  | 660625   | 40.39  | ng    | 99       |
| 71) Anthracene                 | 13.09 | 178  | 668390   | 41.79  | ng    | 98       |
| 72) Carbazole                  | 13.28 | 167  | 655188   | 43.39  | ng    | 98       |
| 73) Di-n-butylphthalate        | 13.74 | 149  | 721580   | 41.25  | ng #  | 97       |
| 74) Fluoranthene               | 14.49 | 202  | 698919   | 42.85  | ng    | 98       |
| 76) Benzidine                  | 14.67 | 184  | 246747   | 24.31  | ng    | 99       |
| 77) Pyrene                     | 14.78 | 202  | 740576   | 40.43  | ng    | 99       |
| 79) Butylbenzylphthalate       | 15.60 | 149  | 311906   | 44.40  | ng    | 98       |
| 80) Benzo(a)anthracene         | 16.27 | 228  | 689365   | 40.98  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 16.25 | 252  | 171213   | 29.90  | ng #  | 98       |
| 82) Chrysene                   | 16.32 | 228  | 652858   | 39.82  | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 16.33 | 149  | 498534   | 44.21  | ng #  | 98       |
| 84) Di-n-octyl phthalate       | 17.14 | 149  | 813441   | 44.96  | ng #  | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 19.59 | 276  | 809441   | 43.51  | ng #  | 100      |
| 87) Benzo(b)fluoranthene       | 17.61 | 252  | 698743   | 41.26  | ng #  | 95       |
| 88) Benzo(k)fluoranthene       | 17.65 | 252  | 677607   | 41.29  | ng #  | 94       |
| 89) Benzo(a)pyrene             | 18.00 | 252  | 664560   | 43.86  | ng #  | 97       |
| 90) Dibenzo(a,h)anthracene     | 19.62 | 278  | 655051   | 41.74  | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 20.05 | 276  | 660709   | 41.94  | ng    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.00 min

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Instrument :

BNA\_F

ClientSampleId :

PB83017BS

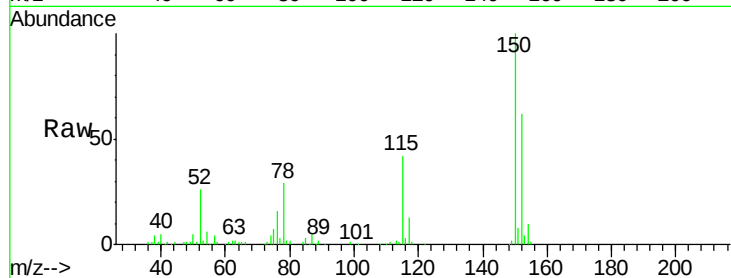
Tgt Ion:152 Resp: 76830

Ion Ratio Lower Upper

152 100

150 160.8 122.0 183.0

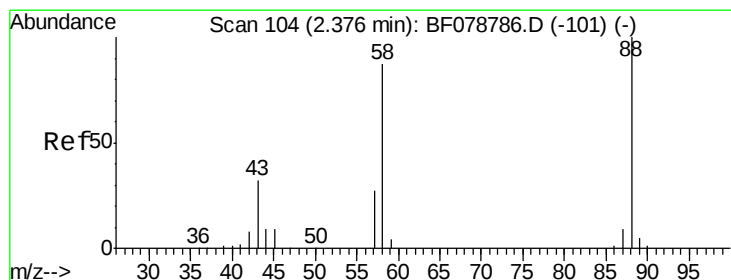
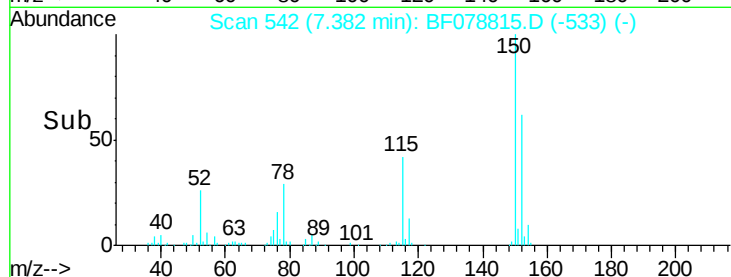
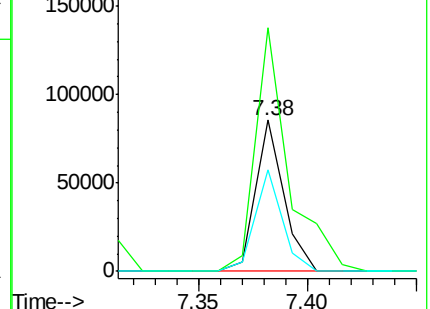
115 67.5 46.3 69.5



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: 33.47 ng

RT: 2.38 min Scan# 104

Delta R.T. 0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

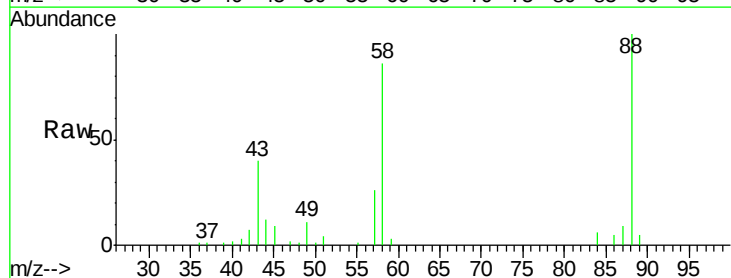
Tgt Ion: 88 Resp: 64237

Ion Ratio Lower Upper

88 100

58 83.5 0.0 0.0#

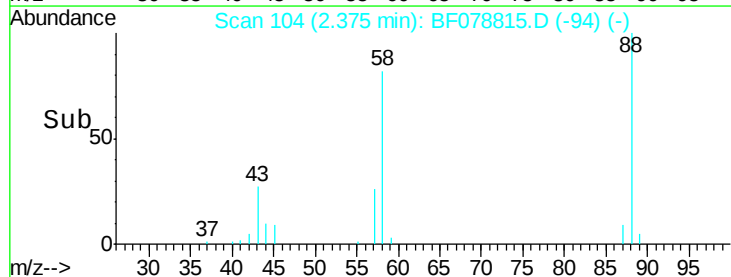
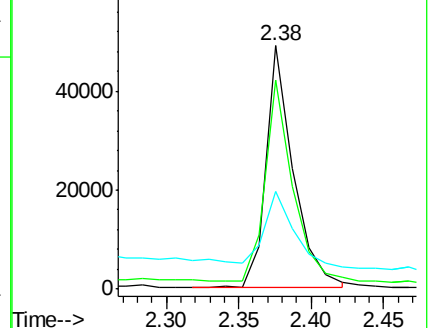
43 32.7 3.3 4.9#

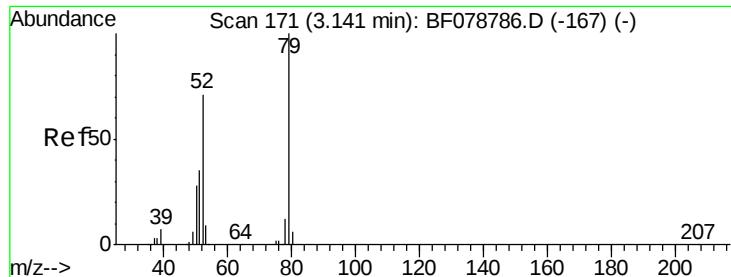


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.23 ng

RT: 3.14 min Scan# 171

Delta R.T. 0.02 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

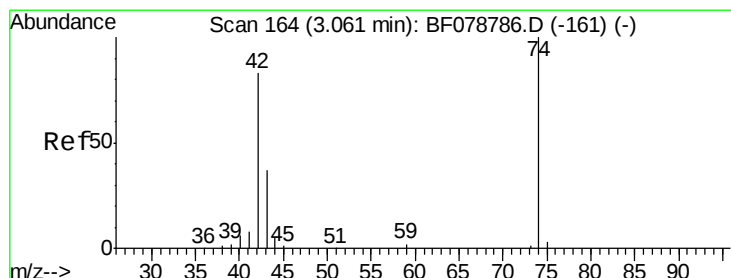
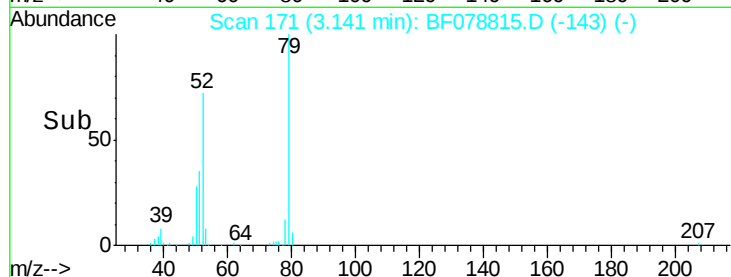
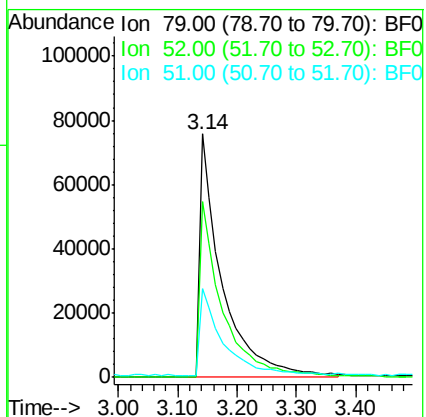
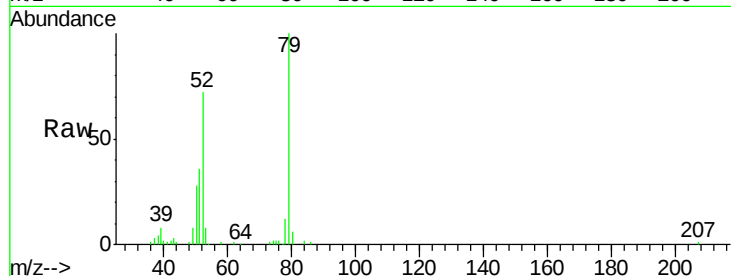
Tgt Ion: 79 Resp: 199663

Ion Ratio Lower Upper

79 100

52 72.4 57.2 85.8

51 36.4 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 38.71 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

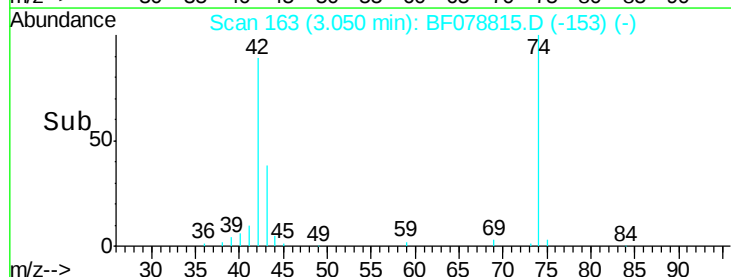
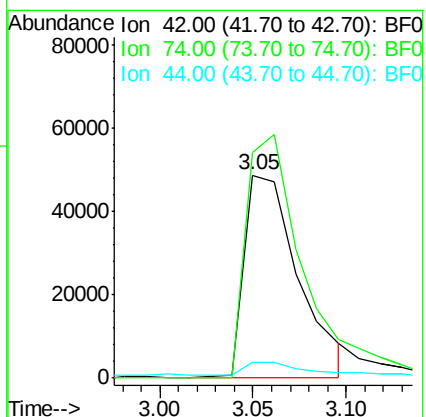
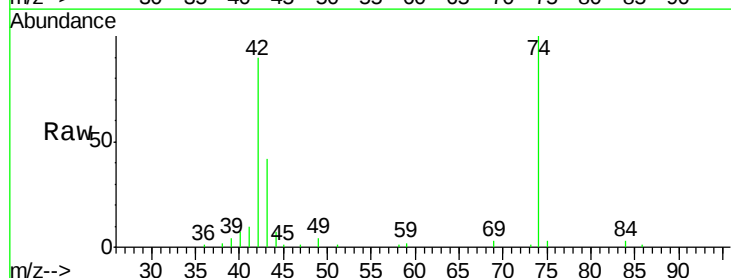
Tgt Ion: 42 Resp: 98558

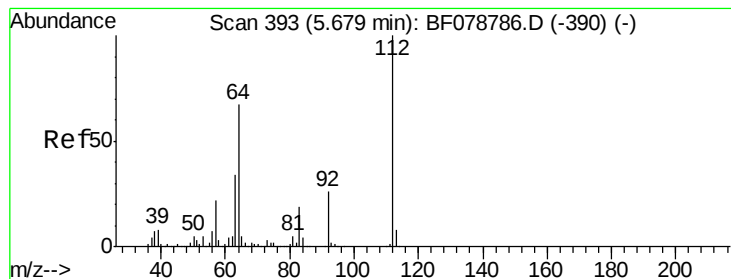
Ion Ratio Lower Upper

42 100

74 111.2 96.5 144.7

44 8.0 6.1 9.1





#5

2-Fluorophenol

Concen: 133.30 ng

RT: 5.68 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

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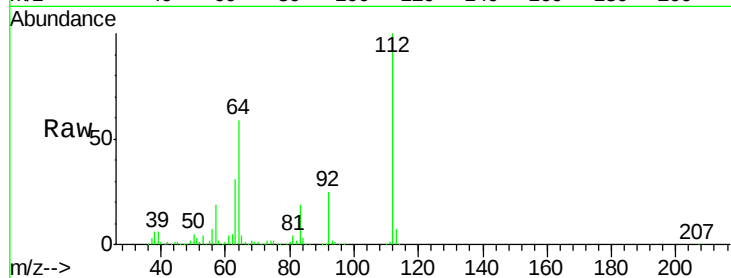
Tgt Ion: 112 Resp: 557626

Ion Ratio Lower Upper

112 100

64 59.4 53.5 80.3

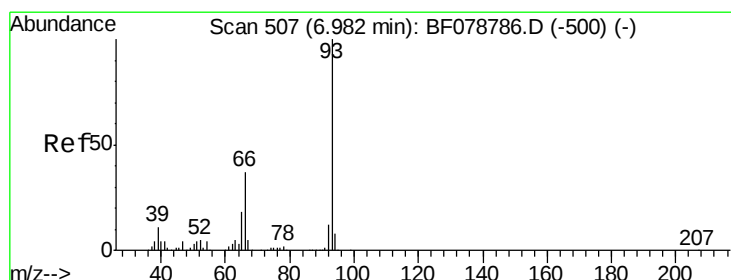
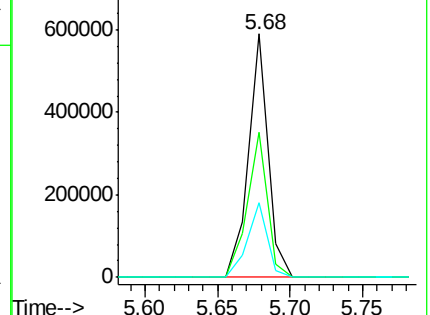
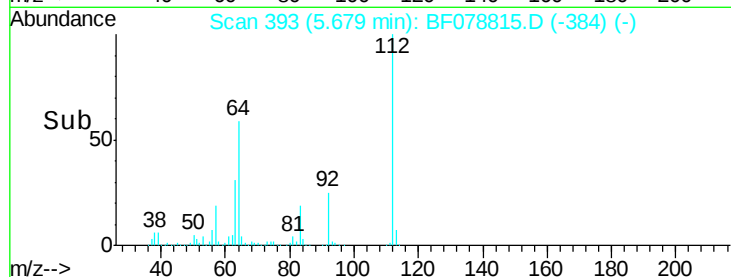
63 30.9 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.46 ng

RT: 6.97 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

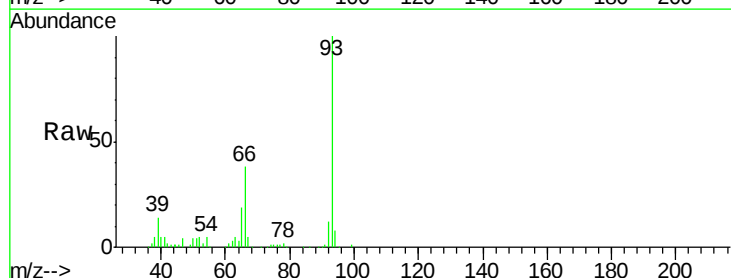
Tgt Ion: 93 Resp: 175130

Ion Ratio Lower Upper

93 100

66 38.1 29.7 44.5

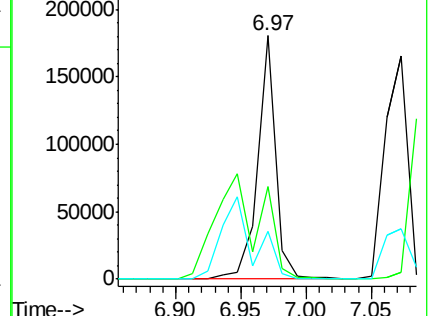
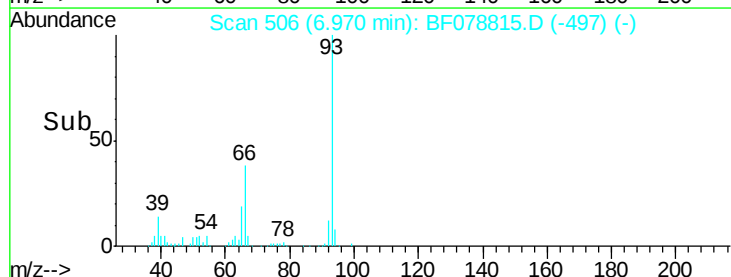
65 19.4 14.6 22.0

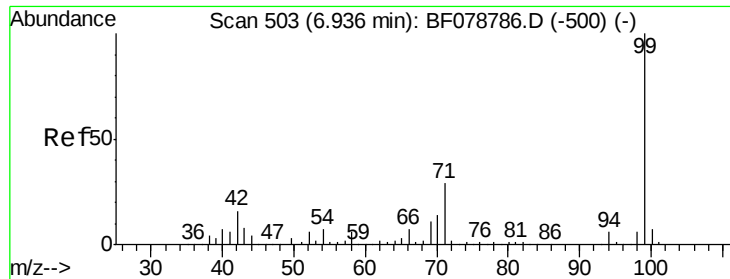


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.23 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

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ClientSampleId :

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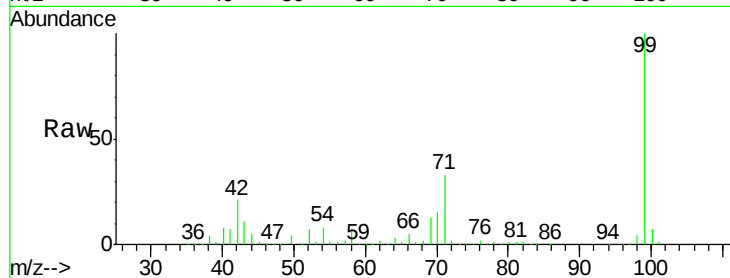
Tgt Ion: 99 Resp: 705234

Ion Ratio Lower Upper

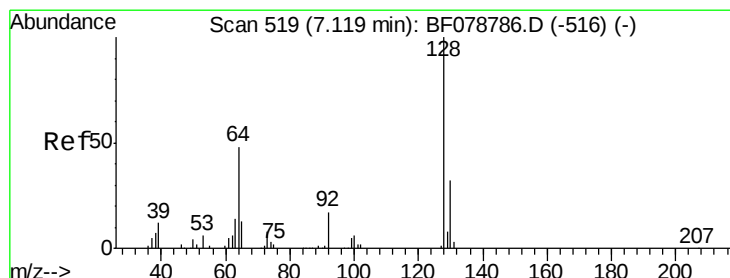
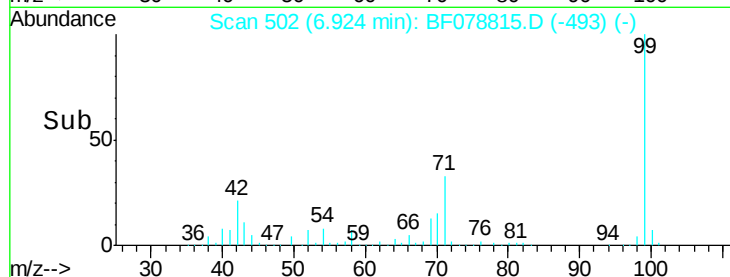
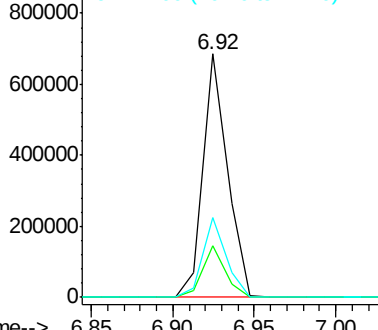
99 100

42 21.2 12.8 19.2#

71 32.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.74 ng

RT: 7.11 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

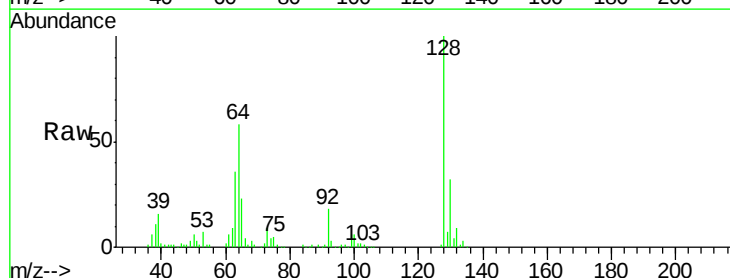
Tgt Ion: 128 Resp: 200720

Ion Ratio Lower Upper

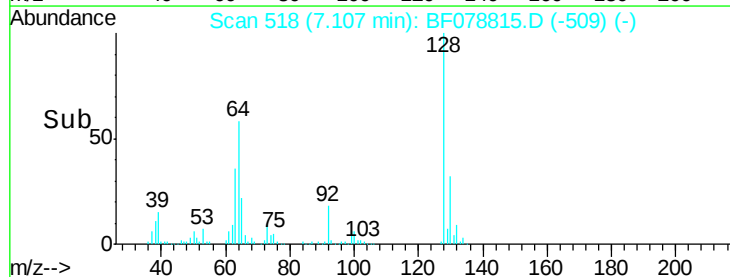
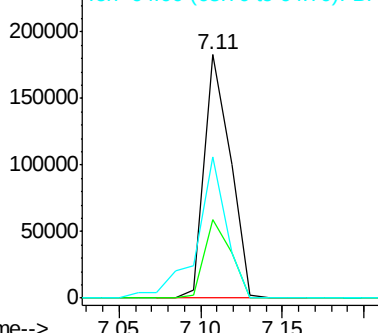
128 100

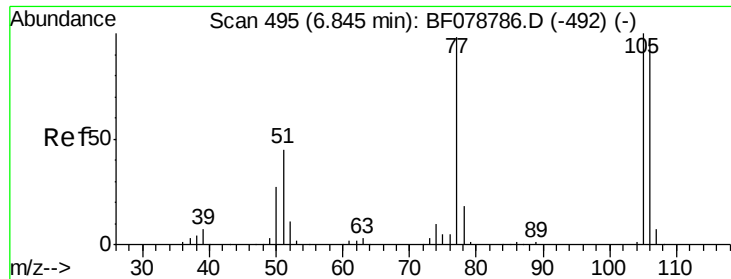
130 32.0 12.1 52.1

64 58.0 29.6 69.6



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.19 ng

RT: 6.83 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

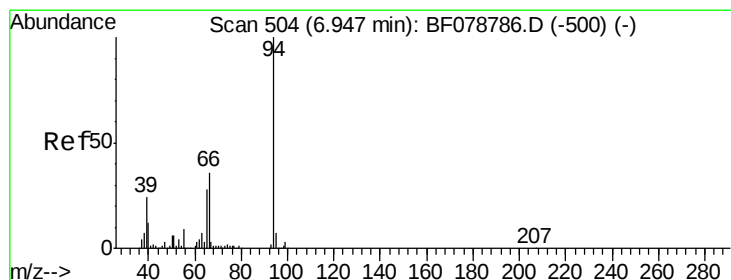
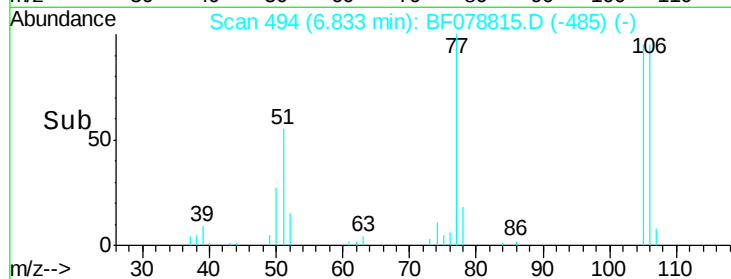
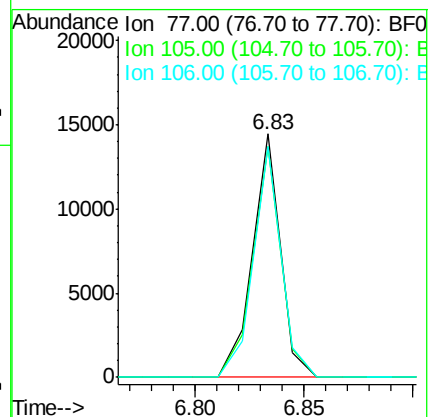
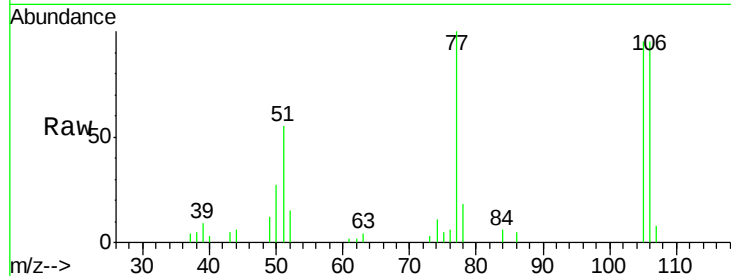
Tgt Ion: 77 Resp: 12859

Ion Ratio Lower Upper

77 100

105 94.7 81.7 121.7

106 94.7 79.0 119.0



#10

Phenol

Concen: 40.48 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

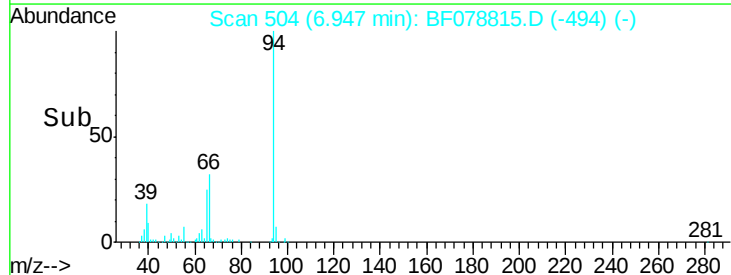
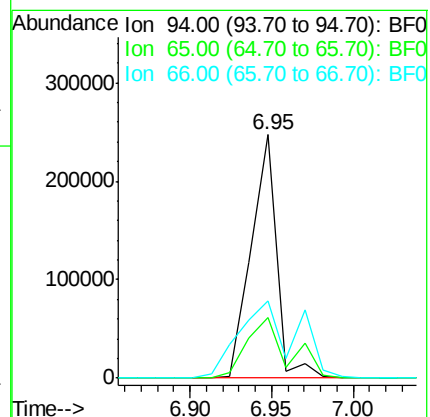
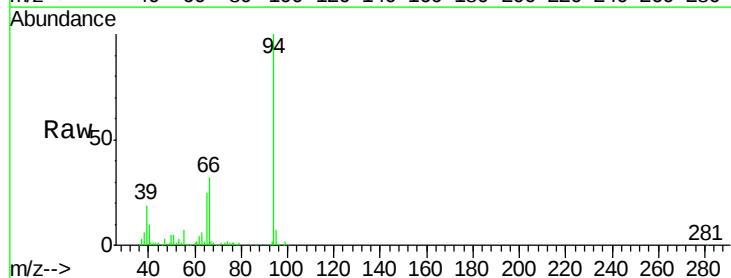
Tgt Ion: 94 Resp: 267303

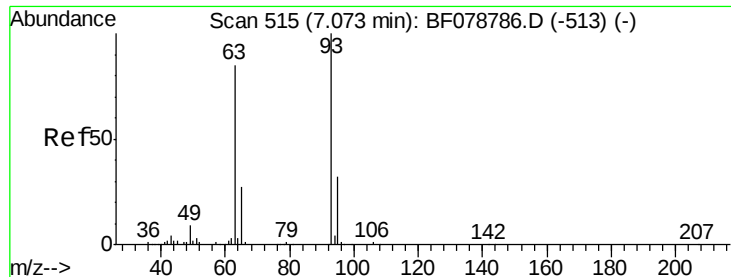
Ion Ratio Lower Upper

94 100

65 24.7 8.5 48.5

66 31.7 16.0 56.0

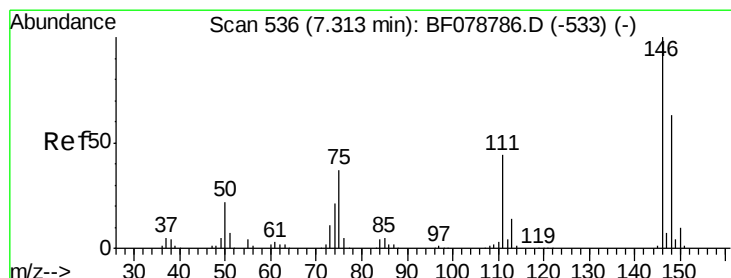
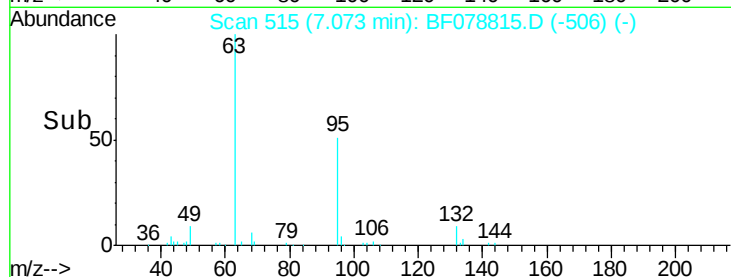
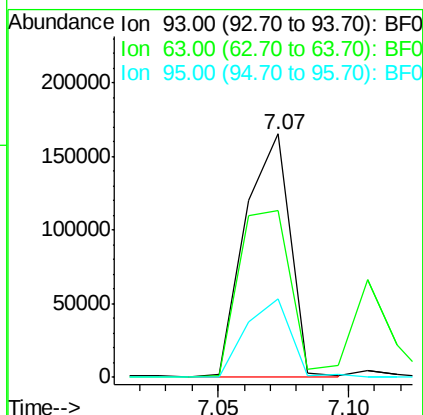
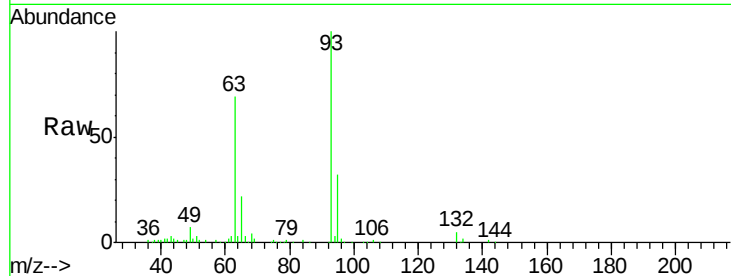




#11  
bis(2-Chloroethyl)ether  
Concen: 40.53 ng  
RT: 7.07 min Scan# 515  
Delta R.T. -0.00 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

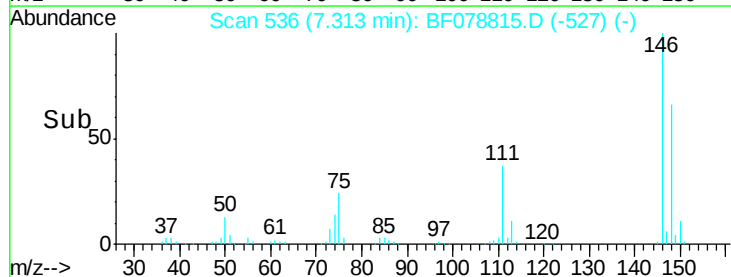
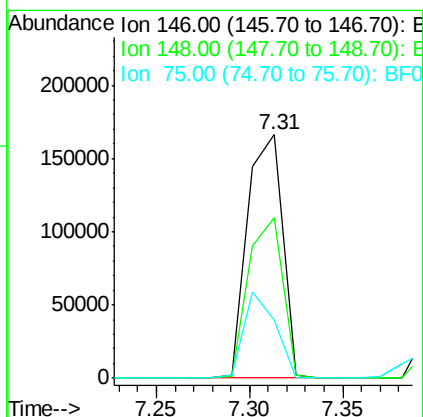
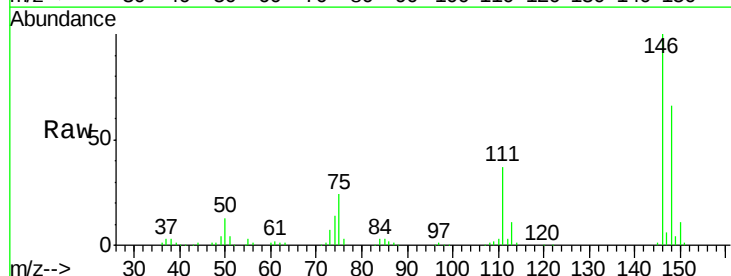
Instrument :  
BNA\_F  
ClientSampleId :  
PB83017BS

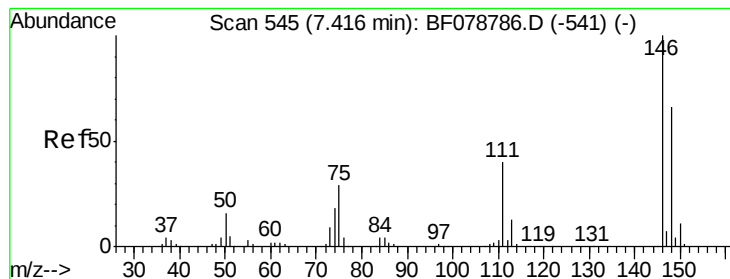
Tgt Ion: 93 Resp: 197953  
Ion Ratio Lower Upper  
93 100  
63 68.7 64.8 104.8  
95 32.2 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 38.73 ng  
RT: 7.31 min Scan# 536  
Delta R.T. -0.00 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

Tgt Ion: 146 Resp: 216214  
Ion Ratio Lower Upper  
146 100  
148 65.9 50.2 75.2  
75 23.6 29.2 43.8#





#13

1,4-Dichlorobenzene

Concen: 39.11 ng

RT: 7.40 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

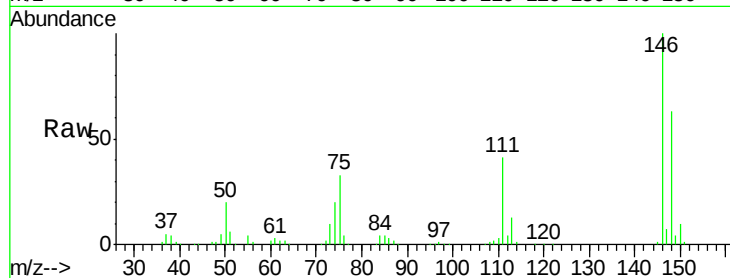
Tgt Ion:146 Resp: 223568

Ion Ratio Lower Upper

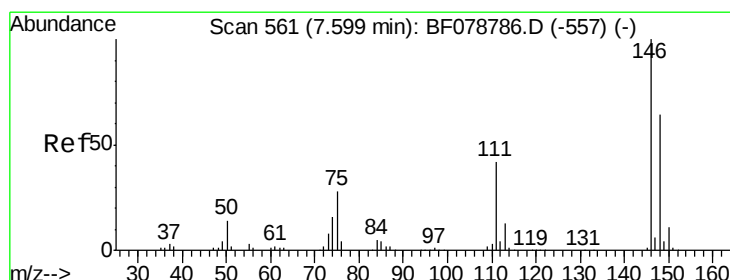
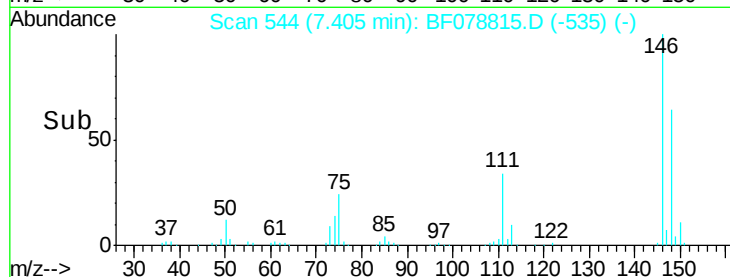
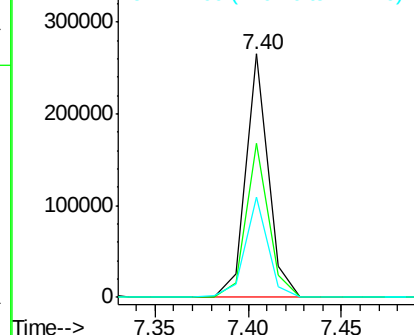
146 100

148 63.4 52.8 79.2

111 41.4 31.7 47.5



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: 40.39 ng

RT: 7.59 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

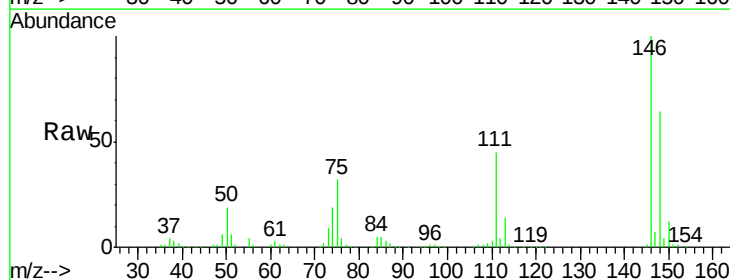
Tgt Ion:146 Resp: 215716

Ion Ratio Lower Upper

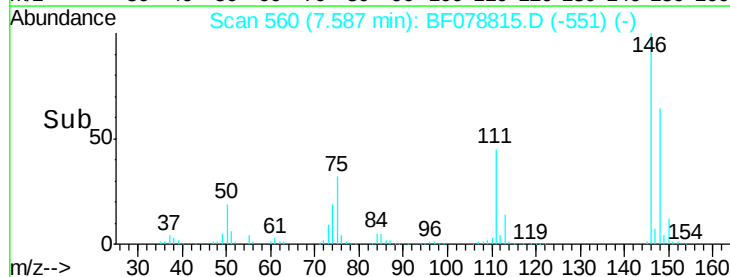
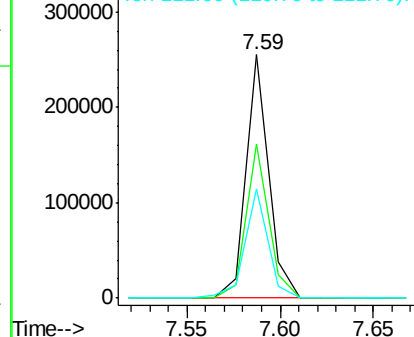
146 100

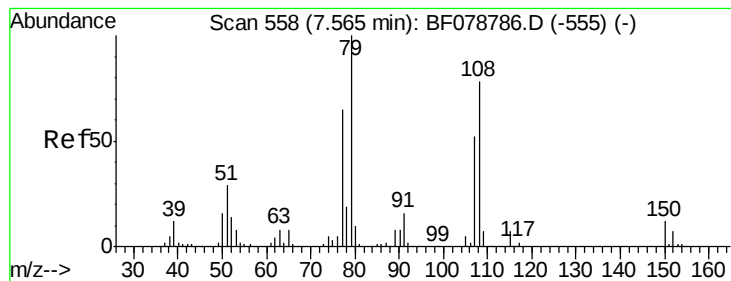
148 63.5 51.2 76.8

111 44.8 33.3 49.9



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: 40.25 ng

RT: 7.55 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

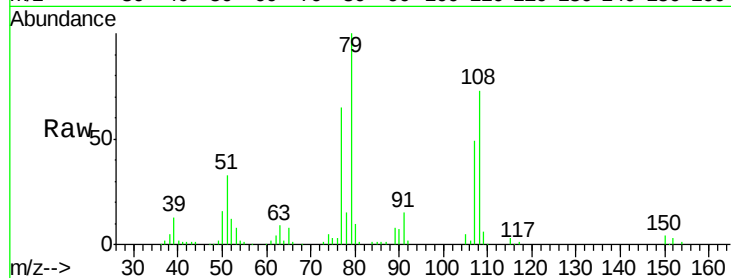
Tgt Ion: 79 Resp: 167581

Ion Ratio Lower Upper

79 100

108 73.4 62.5 93.7

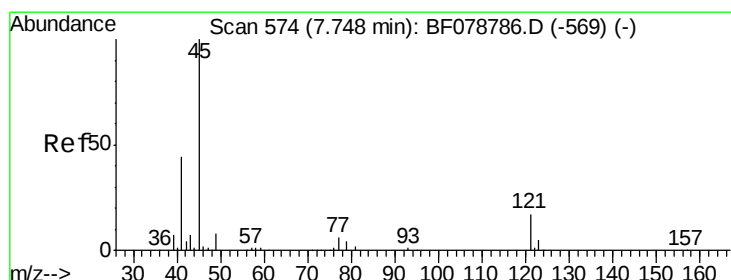
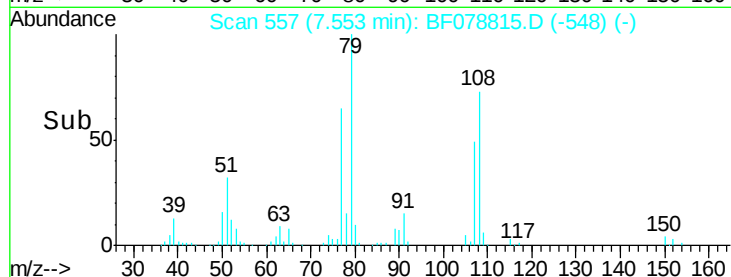
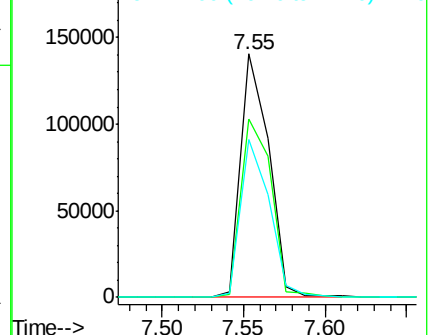
77 64.8 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.86 ng

RT: 7.74 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

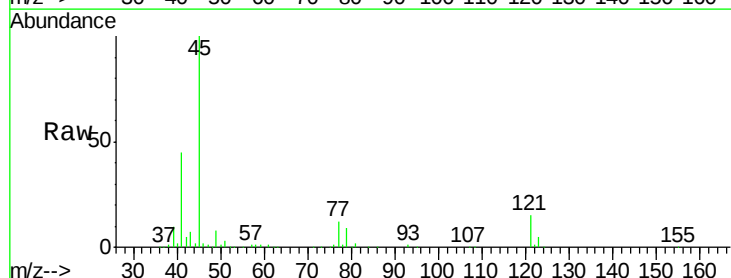
Tgt Ion: 45 Resp: 311930

Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.3

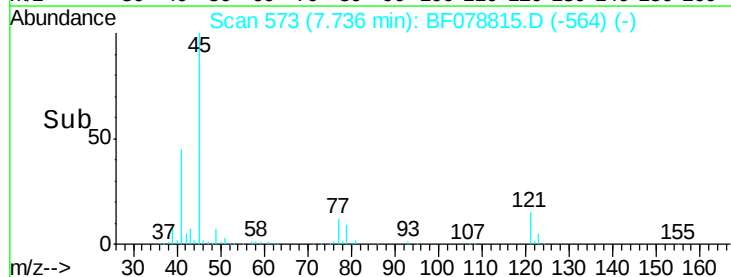
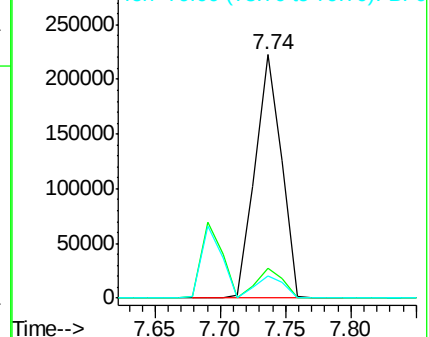
79 9.1 0.0 30.1

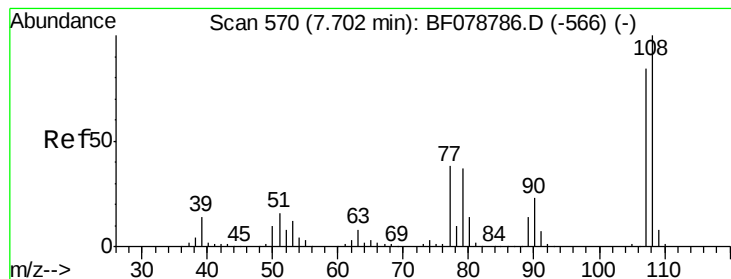


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.56 ng

RT: 7.69 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

Tgt Ion:107 Resp: 161776

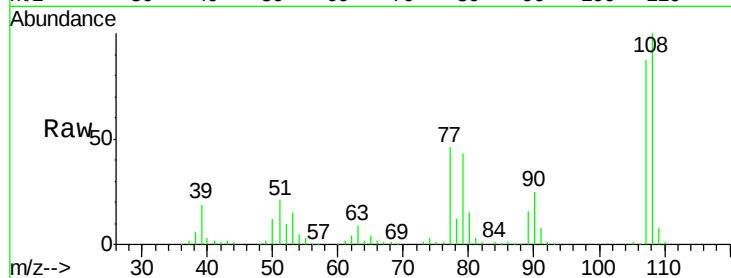
Ion Ratio Lower Upper

107 100

108 115.0 94.9 142.3

77 52.5 36.2 54.4

79 49.6 35.2 52.8

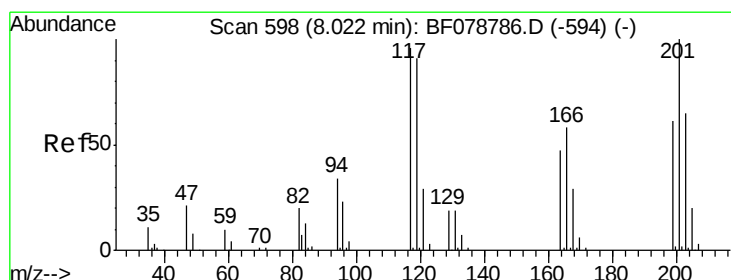
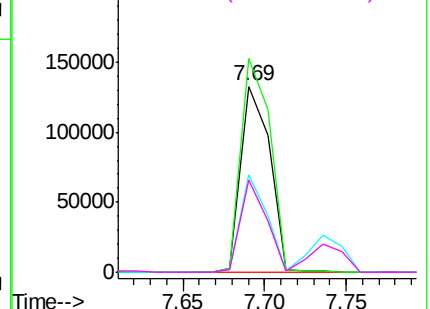
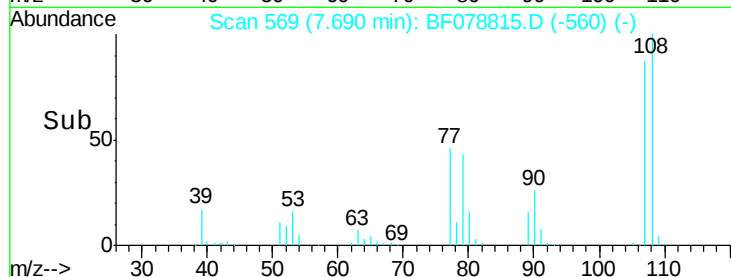


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.67 ng

RT: 8.01 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

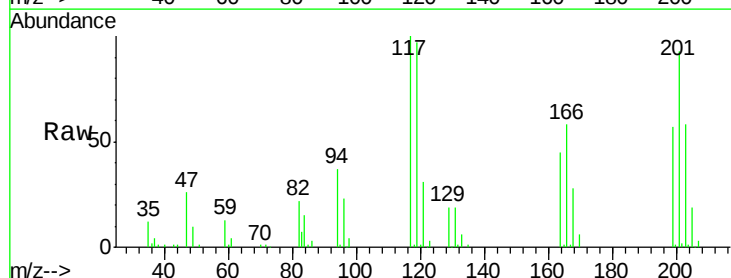
Tgt Ion:117 Resp: 76790

Ion Ratio Lower Upper

117 100

119 97.2 75.4 113.0

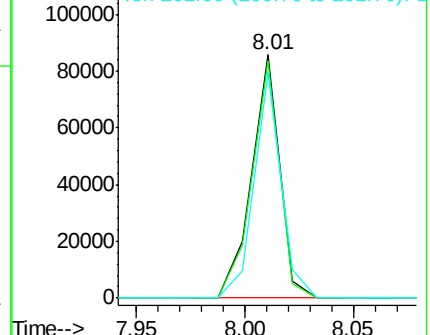
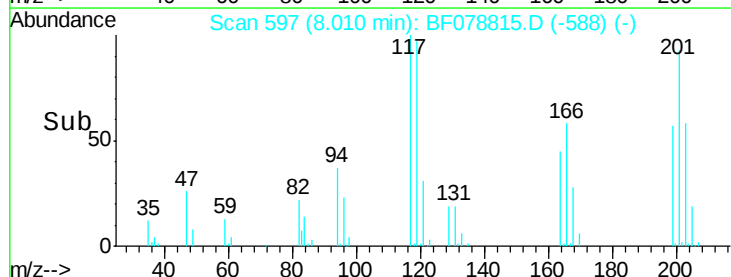
201 92.7 83.2 124.8

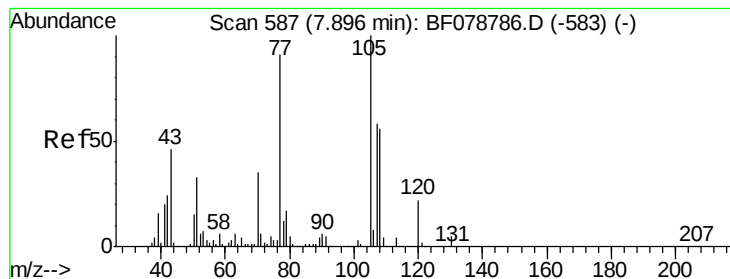


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.99 ng

RT: 7.90 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

Tgt Ion: 70 Resp: 159785

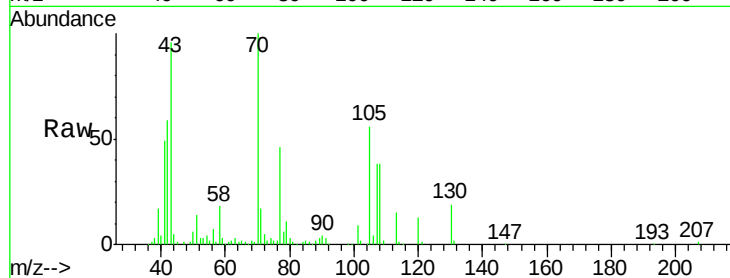
Ion Ratio Lower Upper

70 100

42 58.9 55.4 83.0

101 9.0 6.6 10.0

130 19.3 11.9 17.9#



Abundance

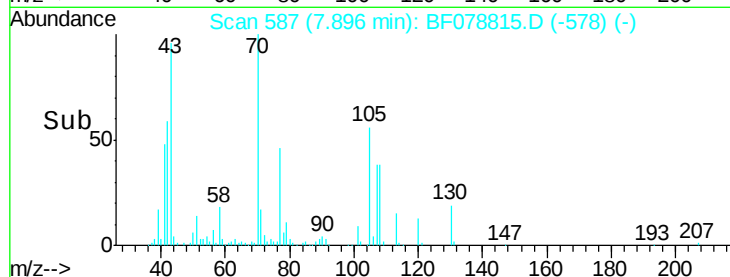
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

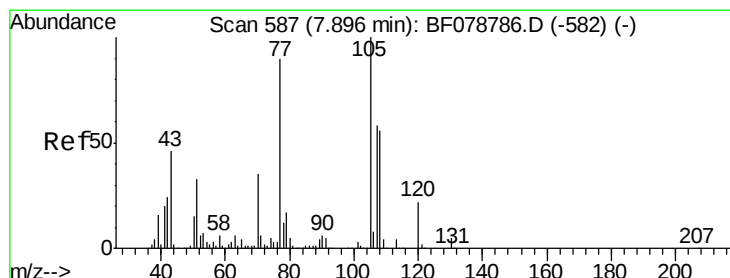
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Time-->



Time-->



#20

3+4-Methylphenols

Concen: 43.15 ng

RT: 7.88 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Tgt Ion:107 Resp: 218806

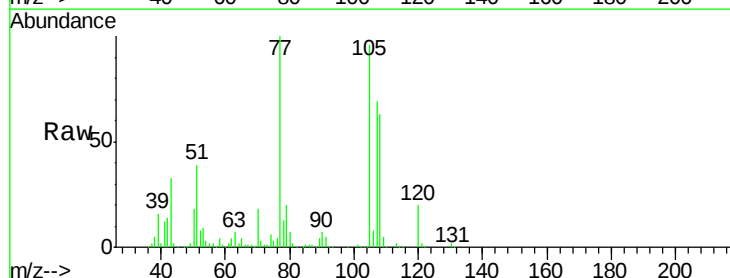
Ion Ratio Lower Upper

107 100

108 90.1 76.9 116.9

77 143.9 136.8 176.8

79 28.6 9.7 49.7



Abundance

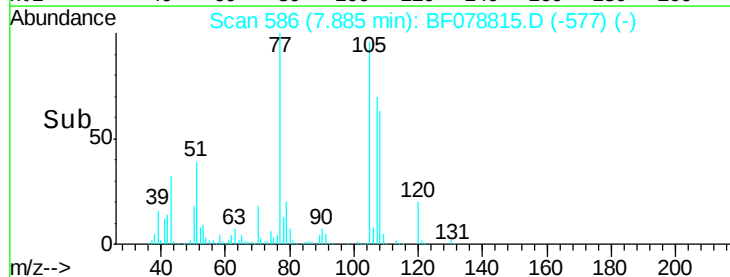
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

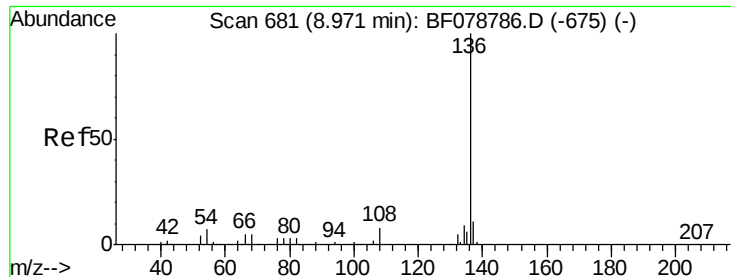
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



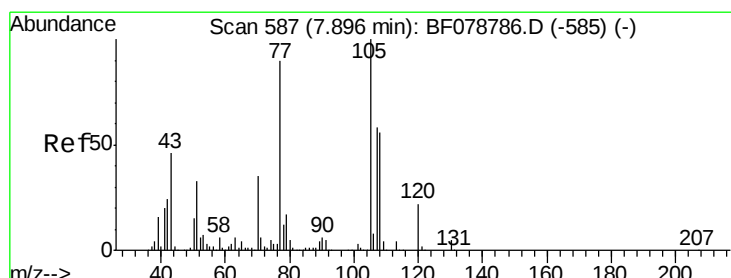
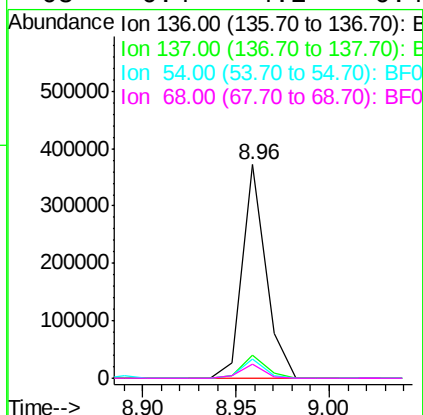
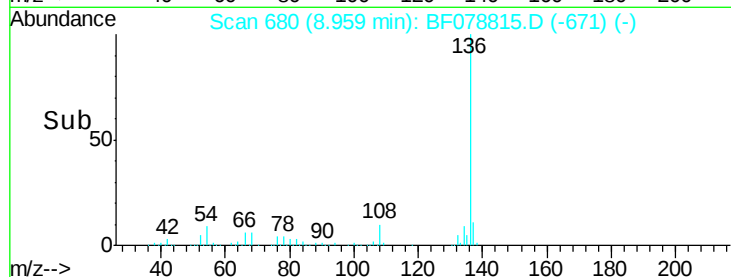
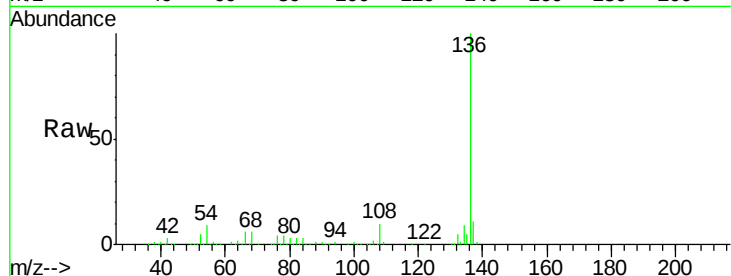
Time-->



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.96 min Scan# 680  
Delta R.T. -0.00 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

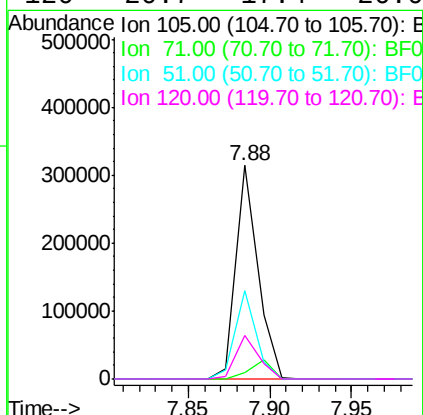
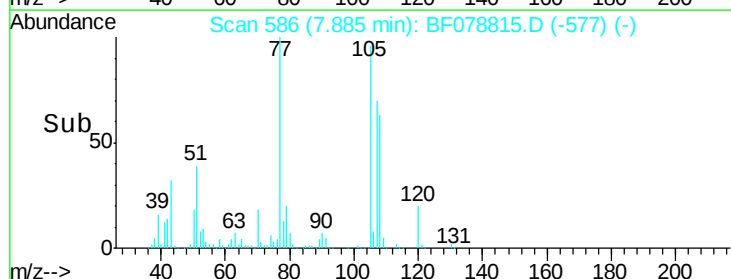
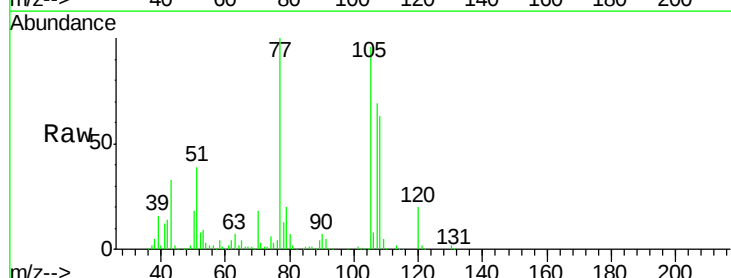
Instrument :  
BNA\_F  
ClientSampleId :  
PB83017BS

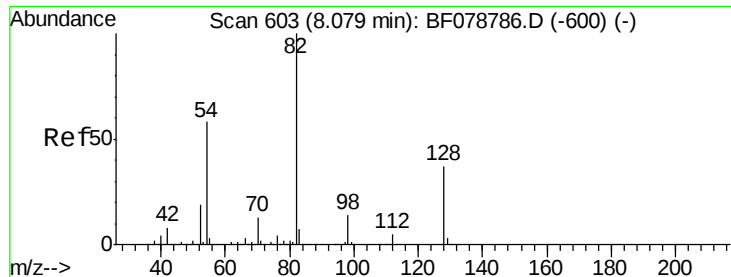
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 328118 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 8.7   | 13.1   |
| 54        | 8.8   | 5.8   | 8.8#   |
| 68        | 6.4   | 4.2   | 6.4#   |



#22  
Acetophenone  
Concen: 40.12 ng  
RT: 7.88 min Scan# 586  
Delta R.T. -0.00 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 291613 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 3.1   | 4.6   | 6.8#   |
| 51        | 41.2  | 26.7  | 40.1#  |
| 120       | 20.7  | 17.4  | 26.0   |

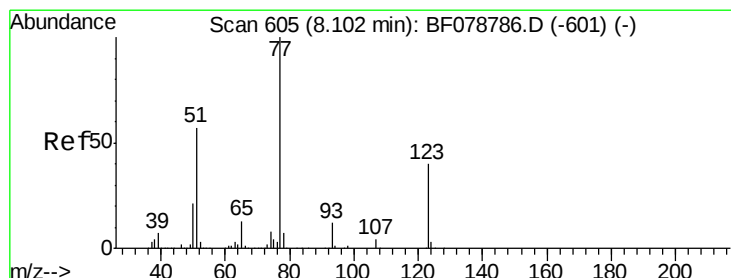
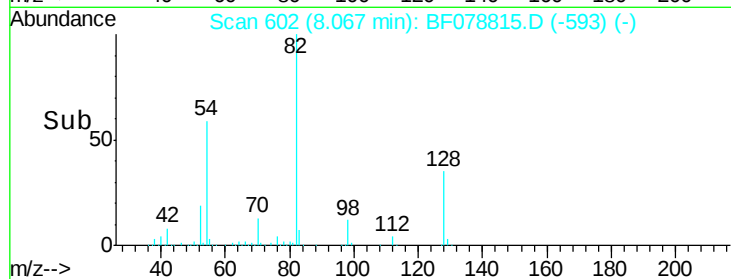
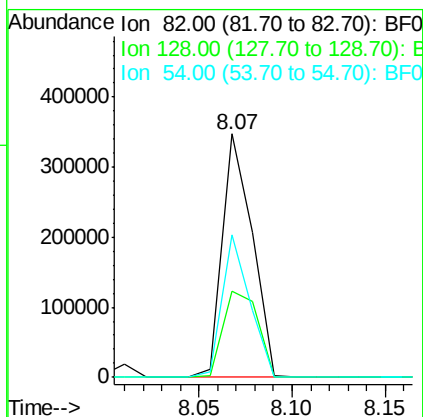
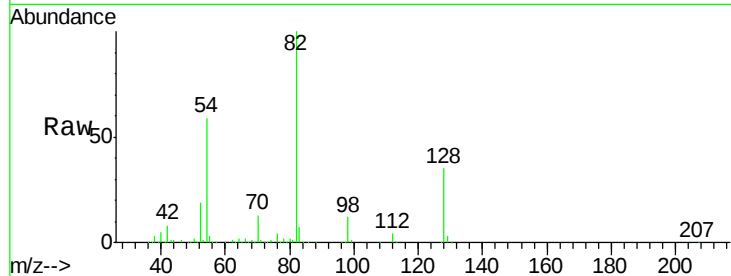




#23  
 Nitrobenzene-d5  
 Concen: 85.69 ng  
 RT: 8.07 min Scan# 602  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

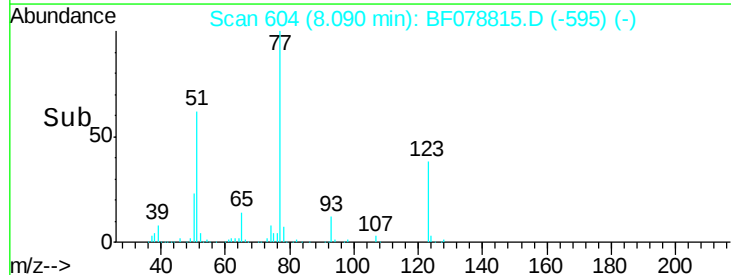
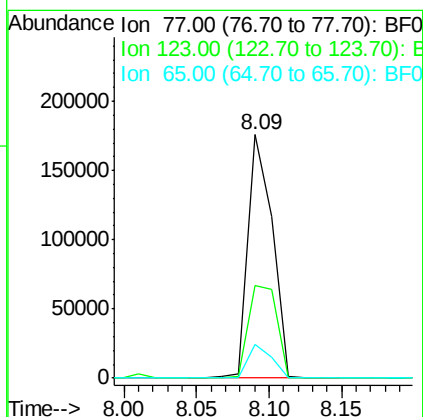
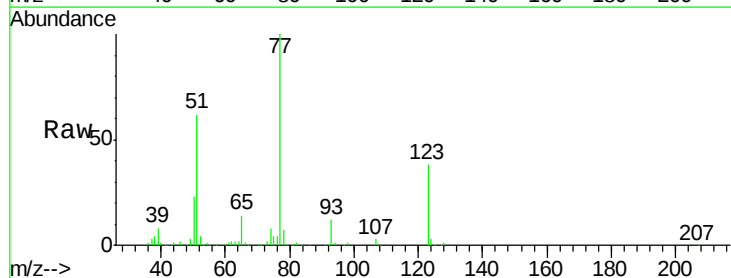
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83017BS

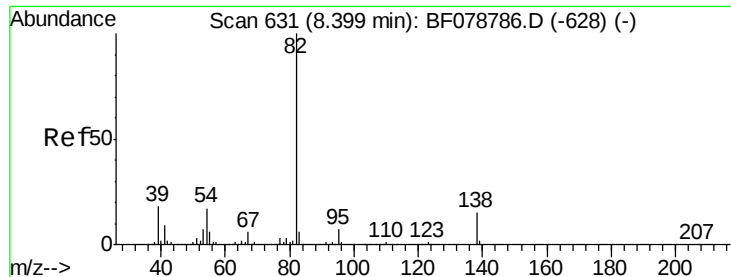
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 35.4  | 30.0  | 45.0  |
| 54      | 58.6  | 46.4  | 69.6  |



#24  
 Nitrobenzene  
 Concen: 42.09 ng  
 RT: 8.09 min Scan# 604  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 37.8  | 31.8  | 47.8  |
| 65      | 13.8  | 10.6  | 15.8  |





#25

Isophorone

Concen: 38.30 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

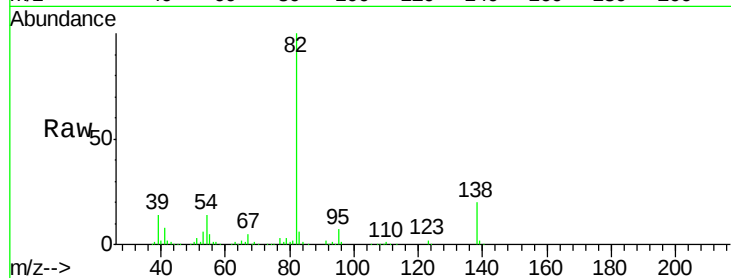
Tgt Ion: 82 Resp: 394573

Ion Ratio Lower Upper

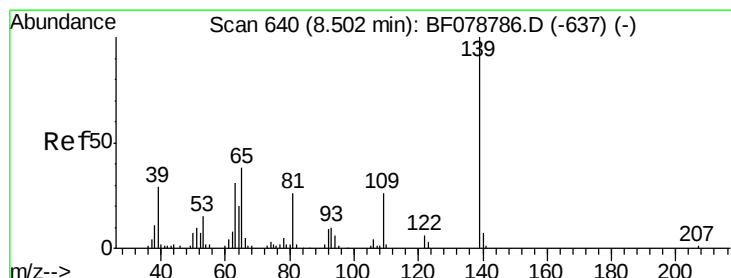
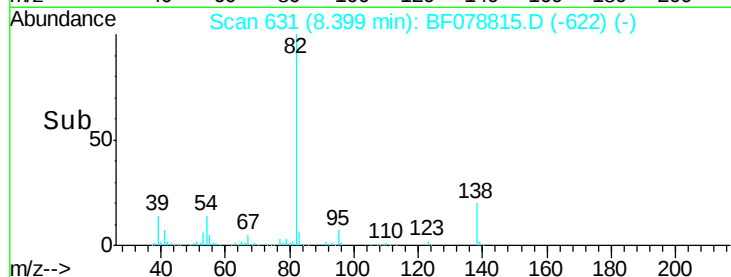
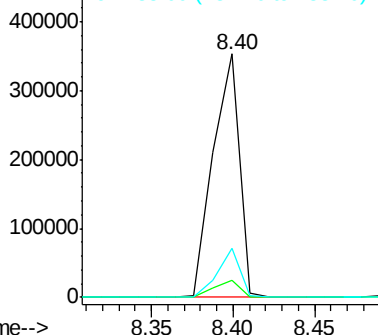
82 100

95 6.8 5.3 7.9

138 20.2 12.0 18.0#



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: 54.92 ng

RT: 8.49 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

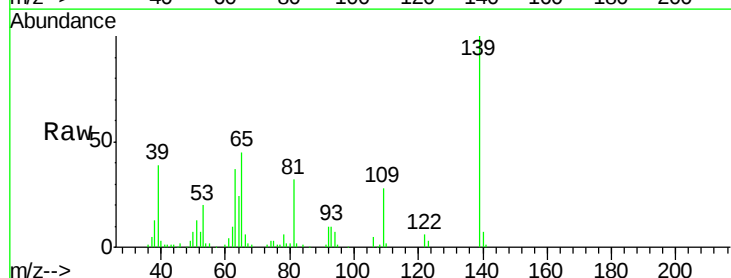
Tgt Ion: 139 Resp: 78859

Ion Ratio Lower Upper

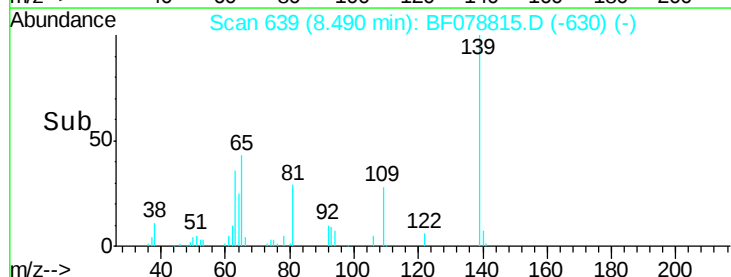
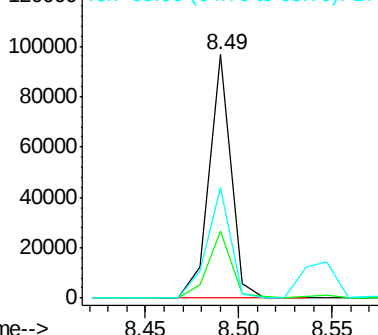
139 100

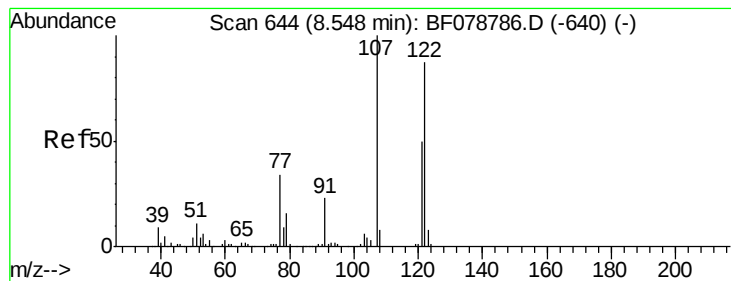
109 27.7 21.0 31.4

65 45.4 30.5 45.7



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





#27

2,4-Dimethylphenol

Concen: 41.44 ng

RT: 8.55 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

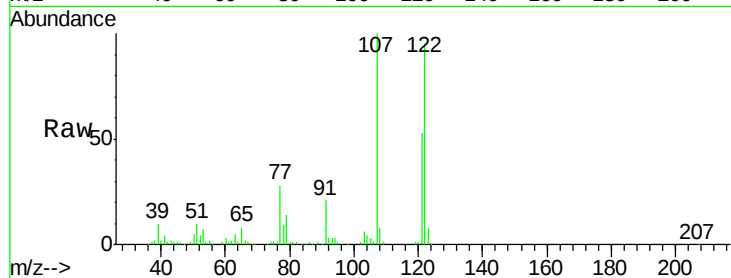
Tgt Ion:122 Resp: 189407

Ion Ratio Lower Upper

122 100

107 105.2 90.6 135.8

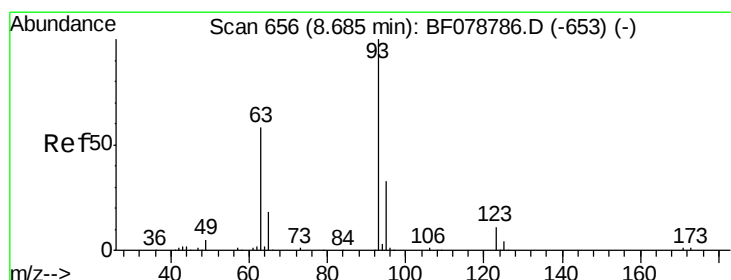
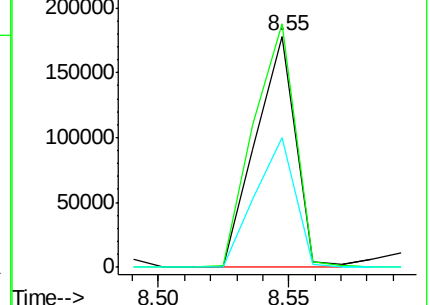
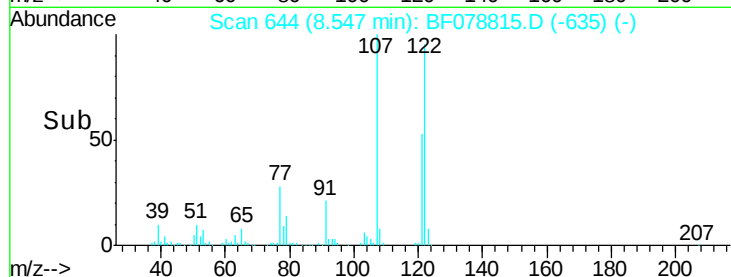
121 56.1 45.4 68.2



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: 41.42 ng

RT: 8.67 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

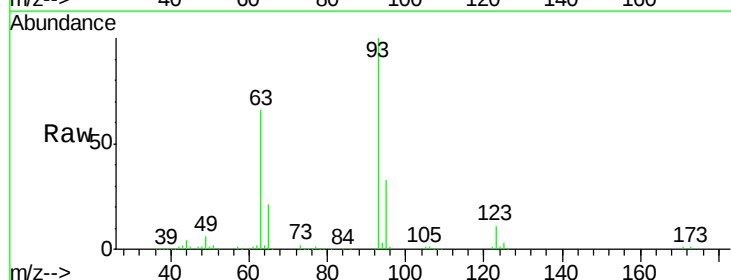
Tgt Ion: 93 Resp: 263484

Ion Ratio Lower Upper

93 100

95 32.9 26.7 40.1

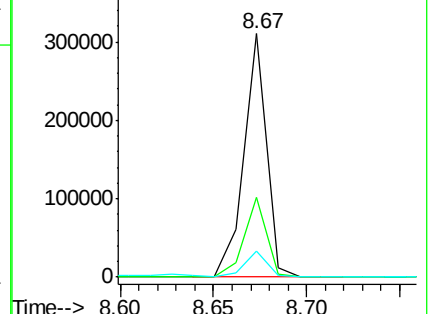
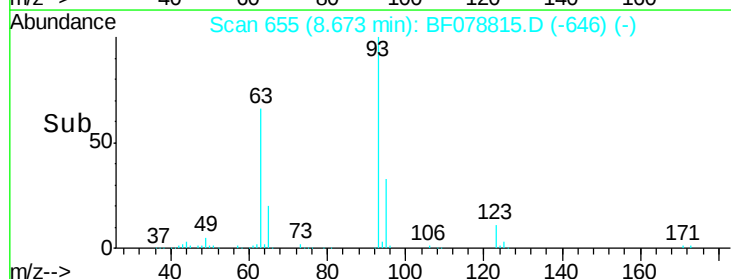
123 10.9 9.1 13.7

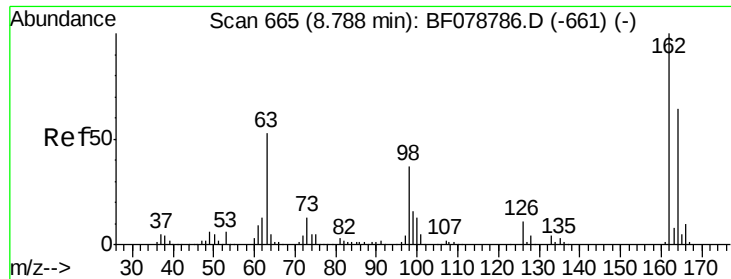


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

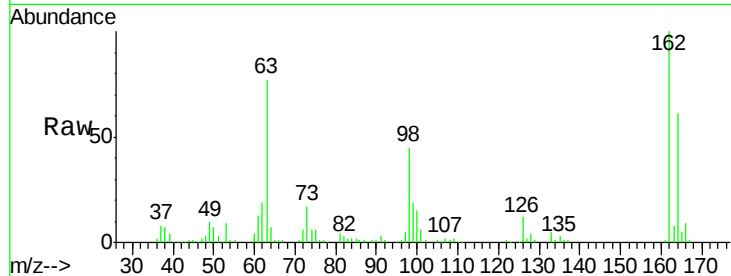




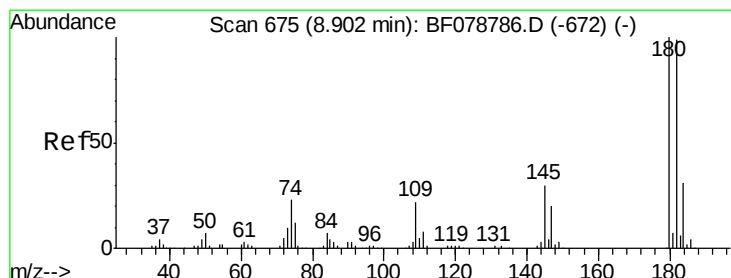
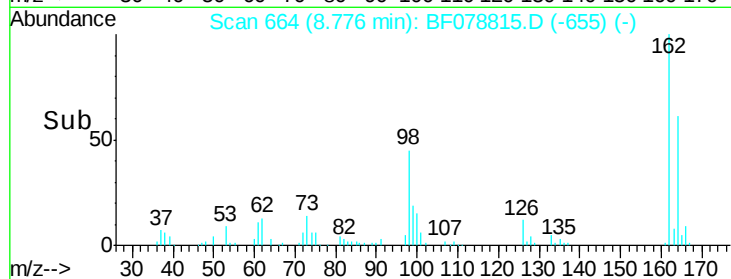
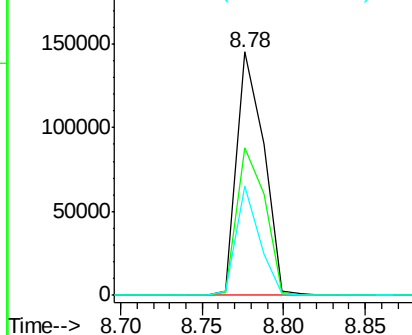
#29  
 2,4-Dichlorophenol  
 Concen: 42.58 ng  
 RT: 8.78 min Scan# 664  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83017BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 60.7  | 43.6  | 83.6  |
| 98      | 44.8  | 16.5  | 56.5  |

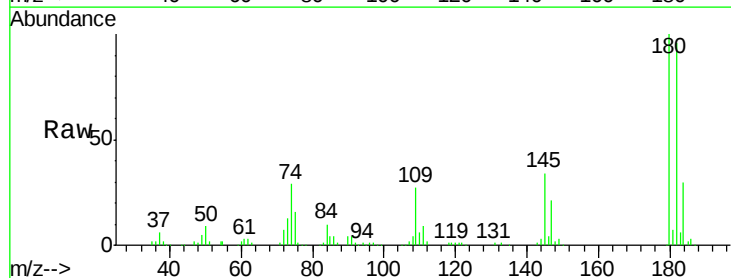


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

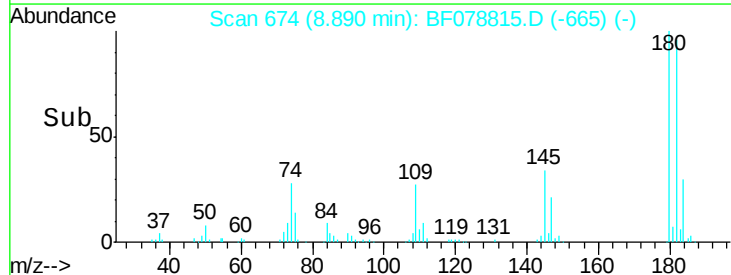
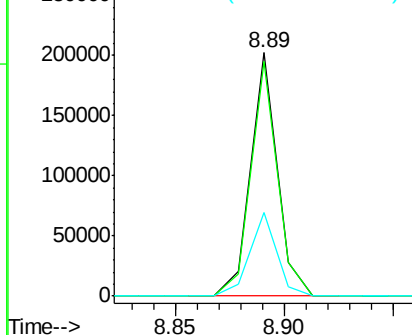


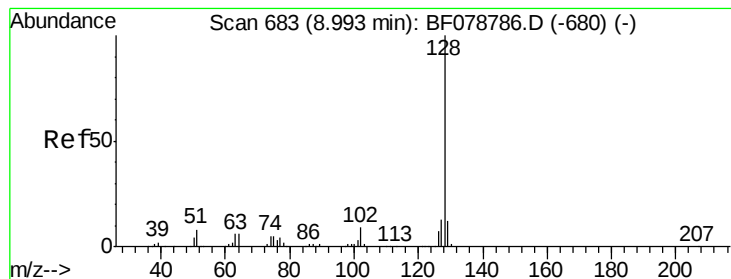
#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.39 ng  
 RT: 8.89 min Scan# 674  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.4  | 78.9  | 118.3 |
| 145     | 34.1  | 24.2  | 36.4  |



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: 37.86 ng

RT: 8.98 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

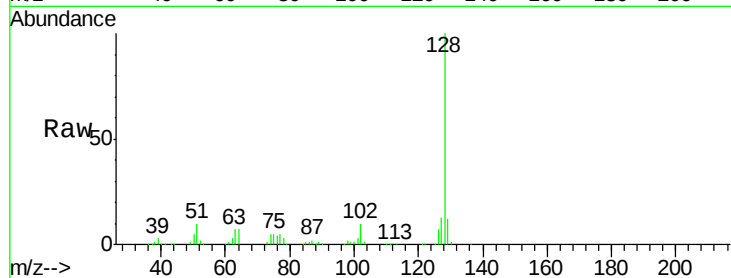
Tgt Ion:128 Resp: 589576

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

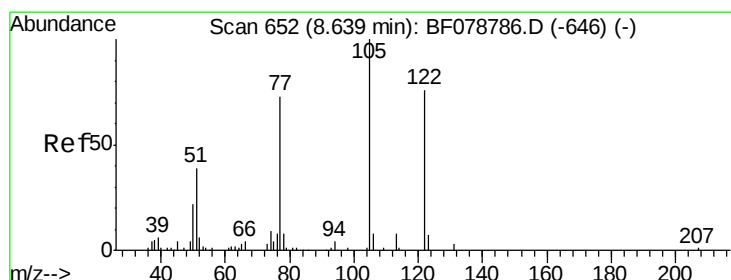
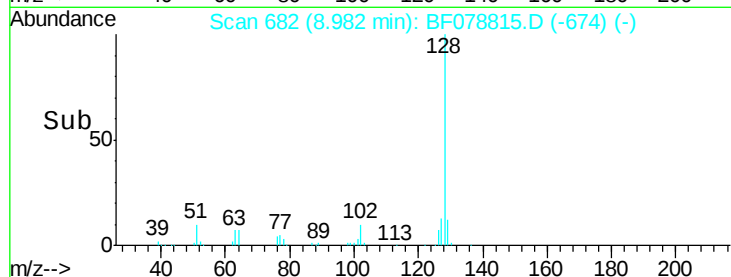
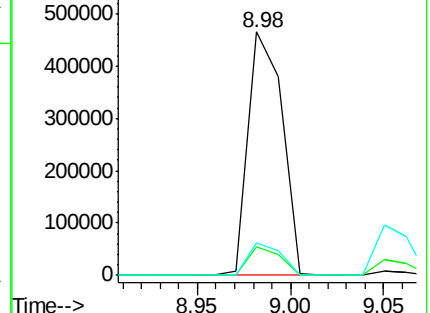
127 13.2 10.7 16.1



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: 57.13 ng

RT: 8.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

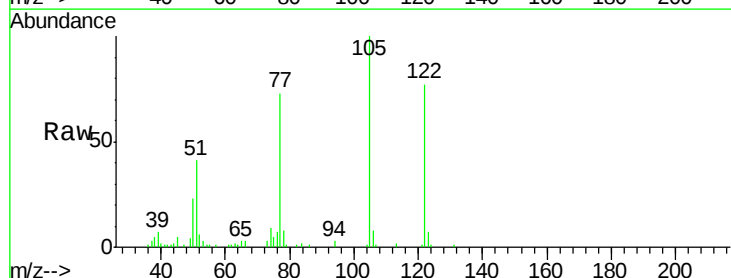
Tgt Ion:122 Resp: 79246

Ion Ratio Lower Upper

122 100

105 130.3 107.1 147.1

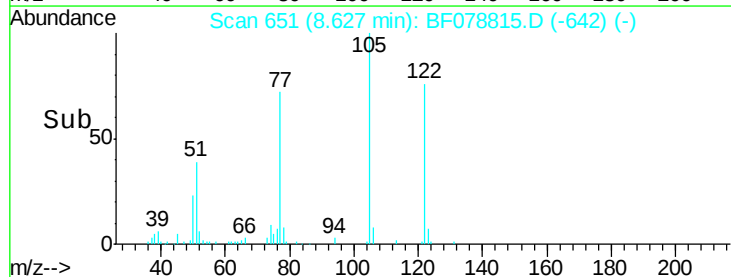
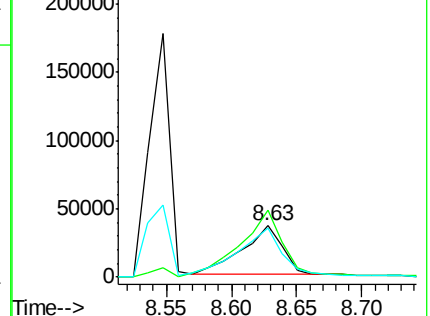
77 95.1 73.9 113.9

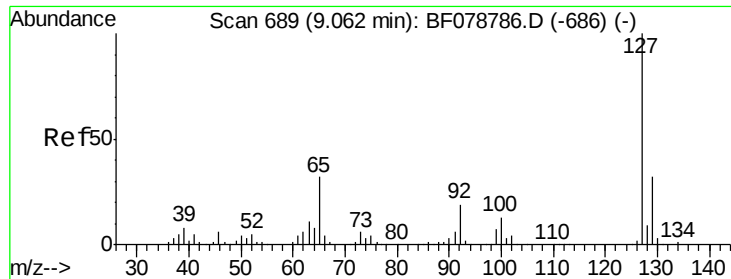


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

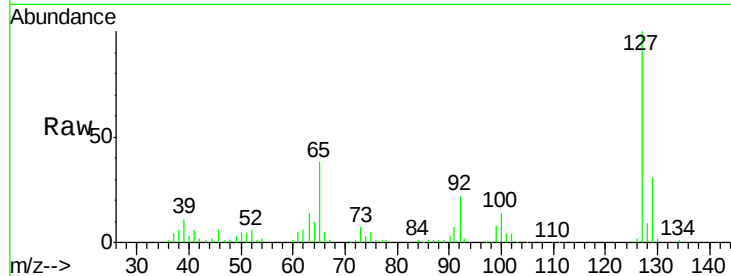




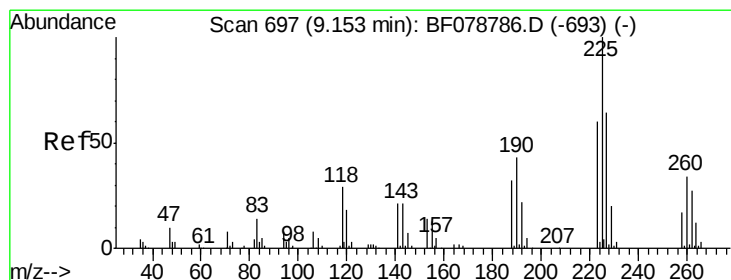
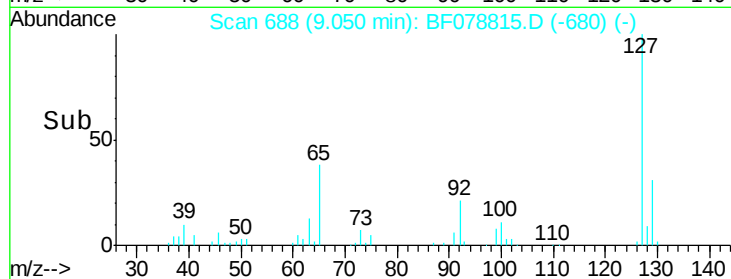
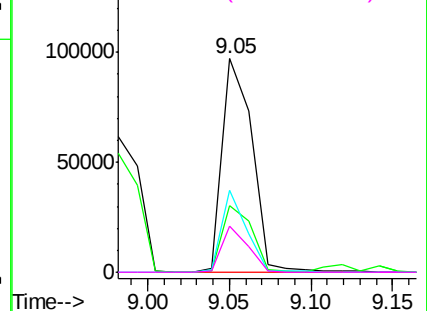
#33  
4-Chloroaniline  
Concen: 18.67 ng  
RT: 9.05 min Scan# 688  
Delta R.T. -0.01 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

Instrument :  
BNA\_F  
ClientSampleID :  
PB83017BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 122343 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.2  | 25.8  | 38.8   |
| 65       | 38.4  | 25.8  | 38.6   |
| 92       | 21.5  | 15.5  | 23.3   |

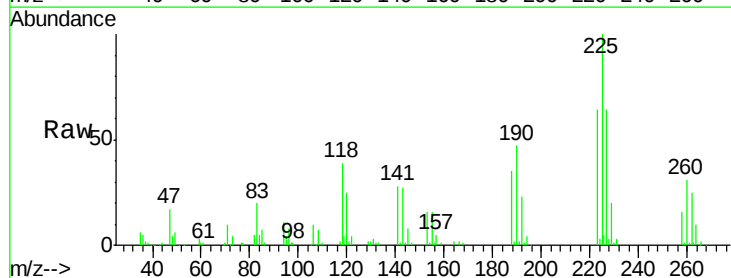


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

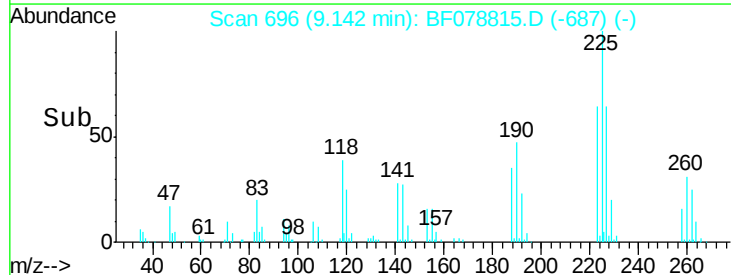
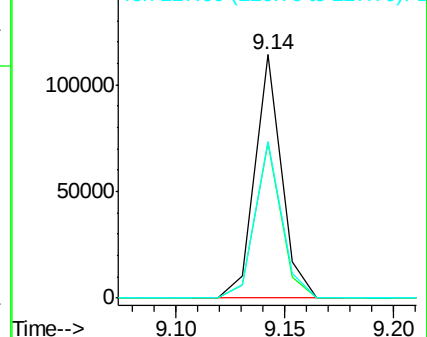


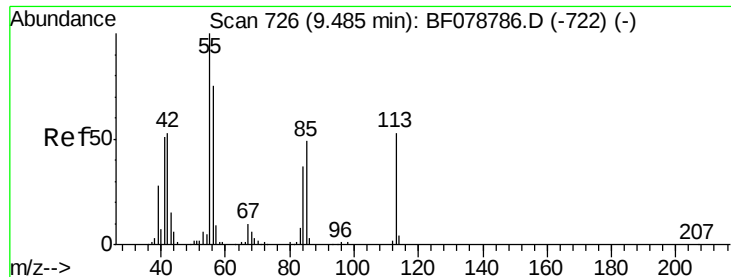
#34  
Hexachlorobutadiene  
Concen: 38.26 ng  
RT: 9.14 min Scan# 696  
Delta R.T. -0.00 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 96847 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.7  | 48.2  | 72.4  |
| 227      | 64.3  | 51.4  | 77.0  |



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

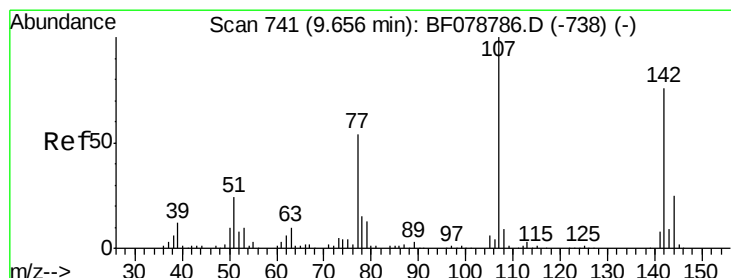
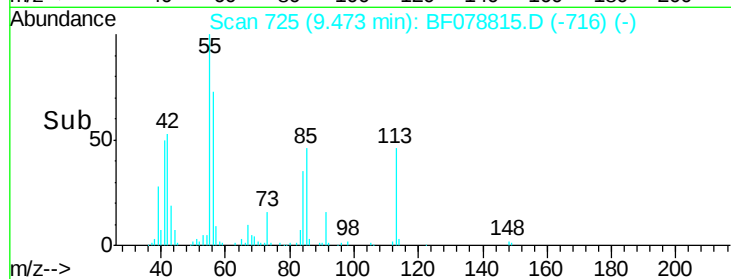
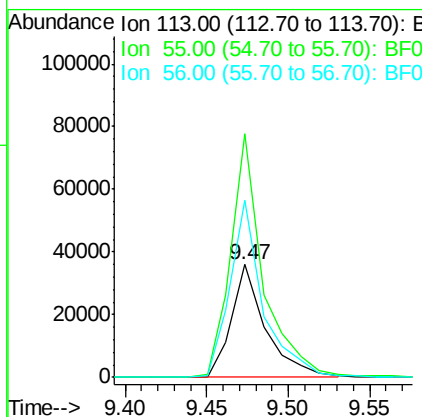
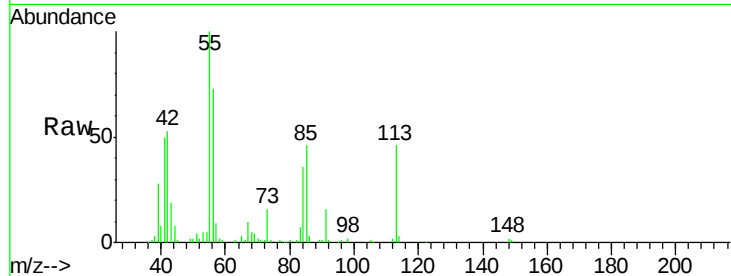




#35  
 Caprolactam  
 Concen: 41.86 ng  
 RT: 9.47 min Scan# 725  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

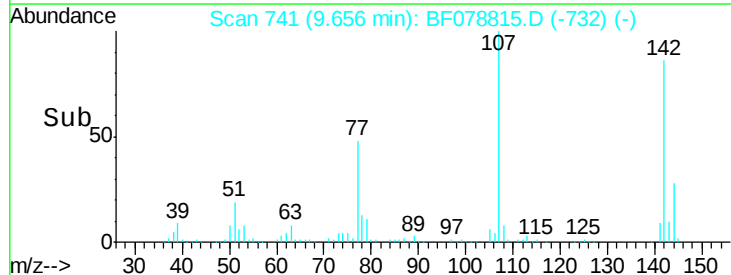
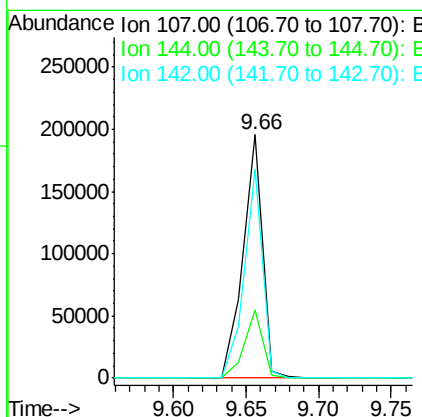
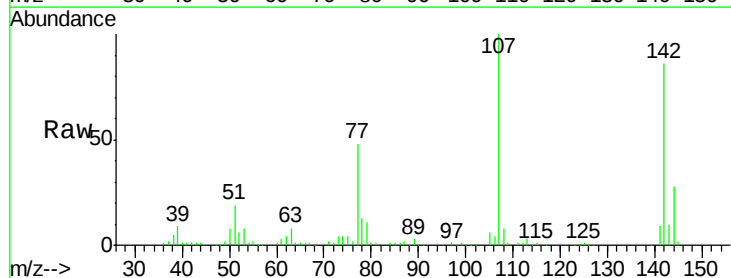
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83017BS

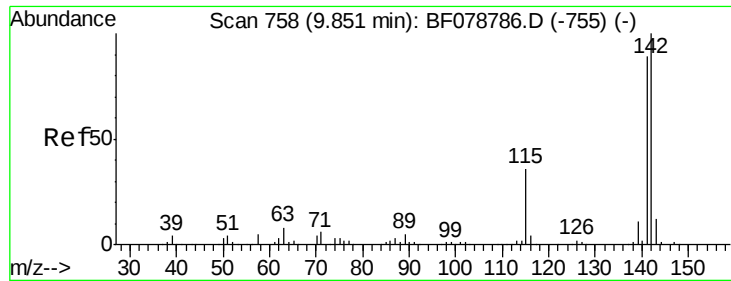
Tgt Ion:113 Resp: 52067  
 Ion Ratio Lower Upper  
 113 100  
 55 215.9 169.7 209.7#  
 56 157.2 122.5 162.5



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.76 ng  
 RT: 9.66 min Scan# 741  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

Tgt Ion:107 Resp: 183577  
 Ion Ratio Lower Upper  
 107 100  
 144 28.0 19.8 29.6  
 142 85.9 60.6 91.0

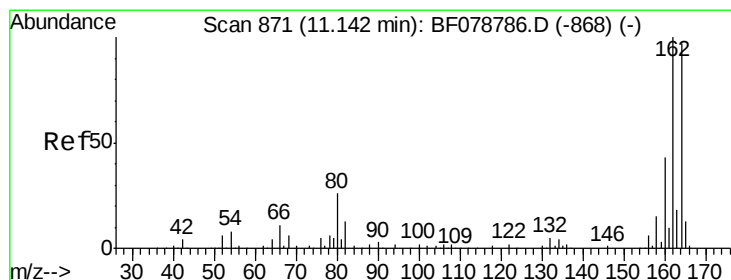
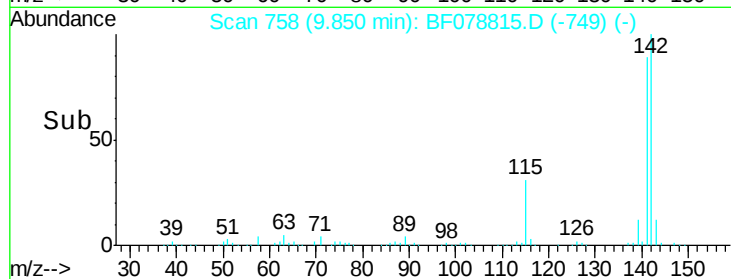
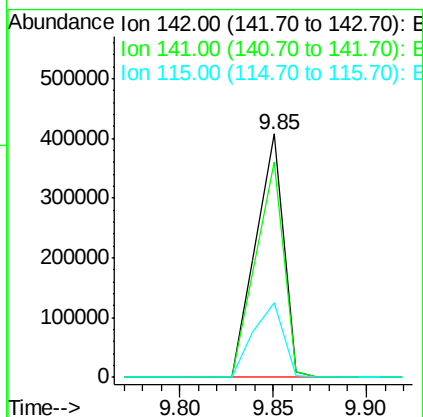
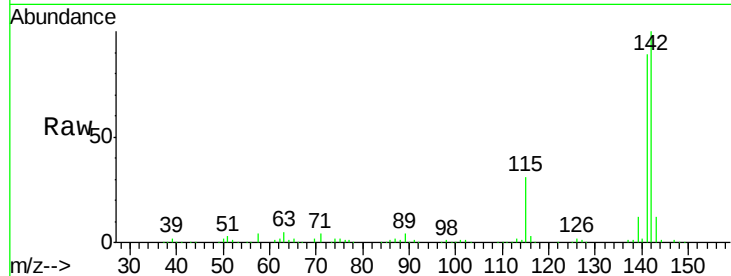




#37  
 2-Methylnaphthalene  
 Concen: 40.31 ng  
 RT: 9.85 min Scan# 758  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

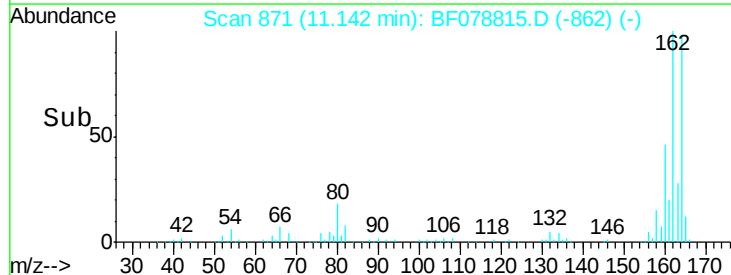
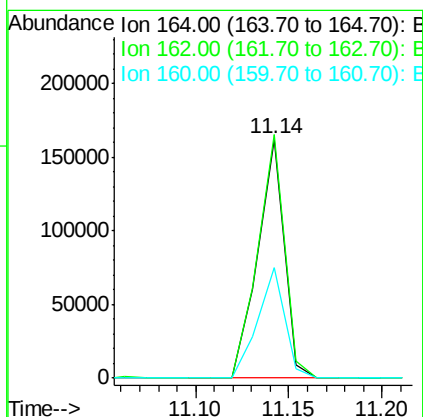
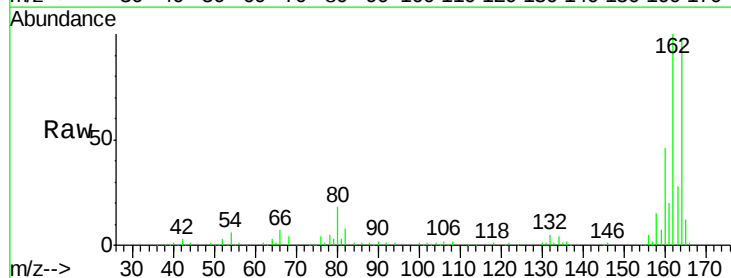
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83017BS

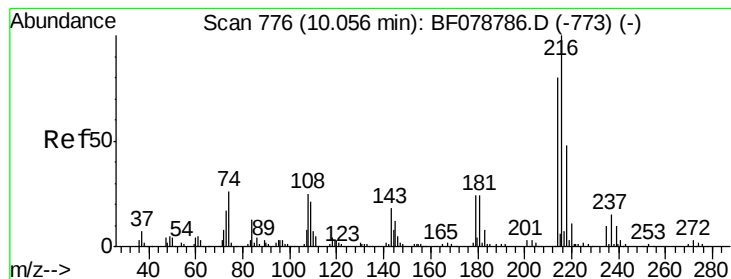
Tgt Ion:142 Resp: 422298  
 Ion Ratio Lower Upper  
 142 100  
 141 88.6 70.9 106.3  
 115 30.8 28.5 42.7



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 11.14 min Scan# 871  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

Tgt Ion:164 Resp: 158875  
 Ion Ratio Lower Upper  
 164 100  
 162 101.9 82.7 124.1  
 160 46.5 35.8 53.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.41 ng

RT: 10.06 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

Tgt Ion:216 Resp: 168396

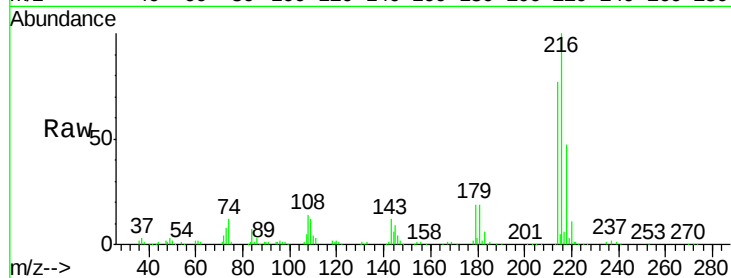
Ion Ratio Lower Upper

216 100

214 77.7 0.0 0.0#

179 21.8 0.0 0.0#

108 24.3 0.0 0.0#

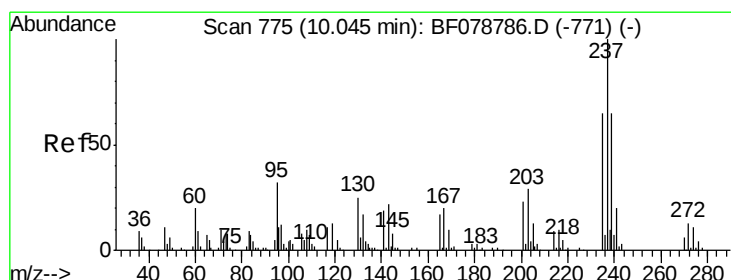
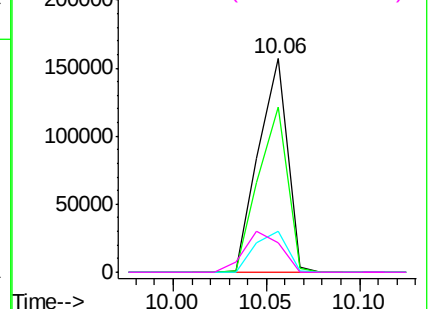
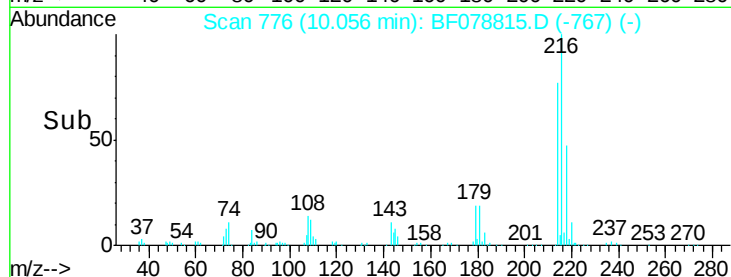


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.45 ng

RT: 10.04 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

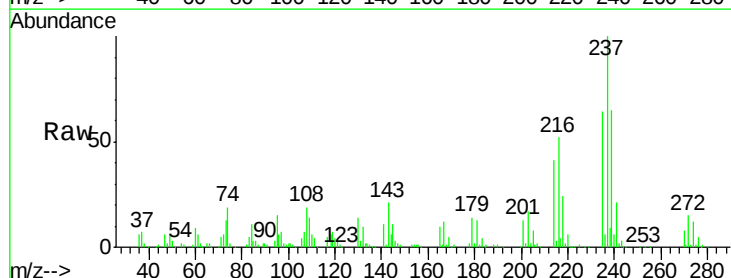
Tgt Ion:237 Resp: 173047

Ion Ratio Lower Upper

237 100

235 63.6 44.7 84.7

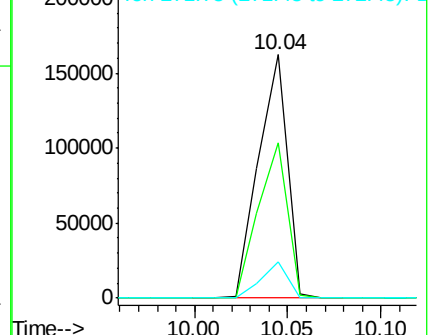
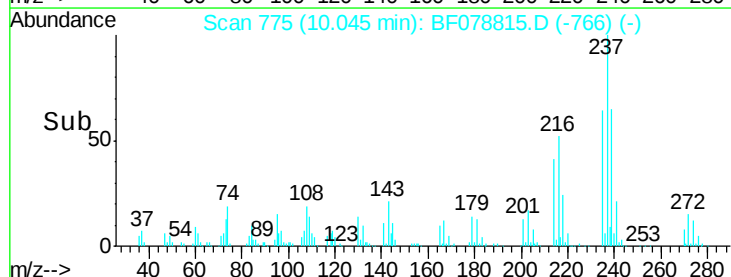
272 14.9 0.0 32.6

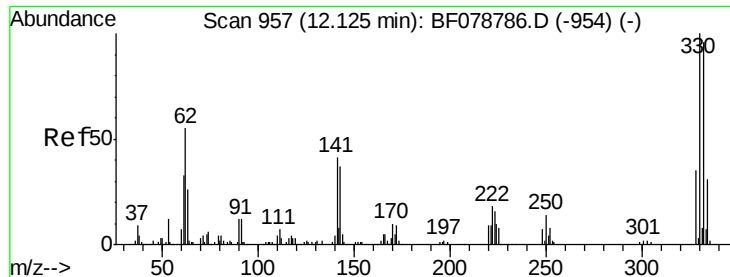


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

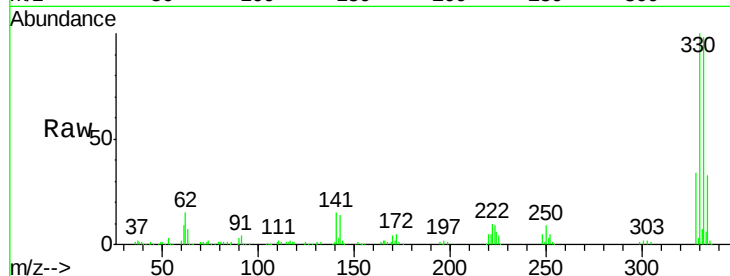




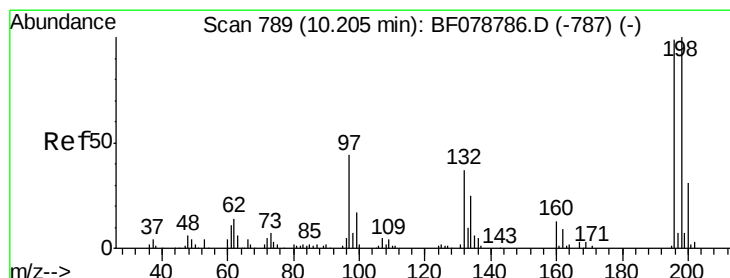
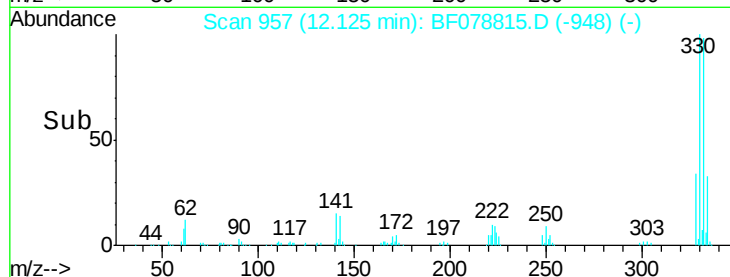
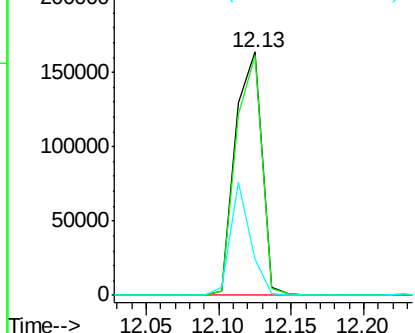
#41  
 2,4,6-Tribromophenol  
 Concen: 132.04 ng  
 RT: 12.13 min Scan# 957  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83017BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 0.0   | 0.0#  |
| 141     | 35.3  | 0.0   | 0.0#  |

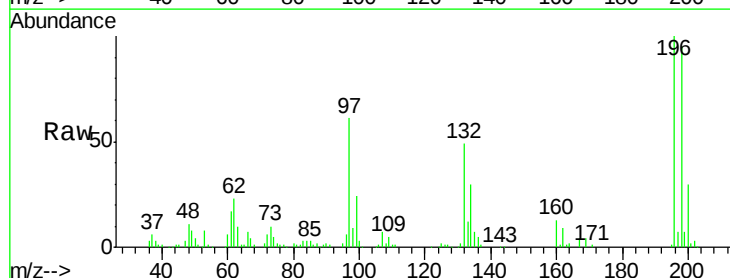


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

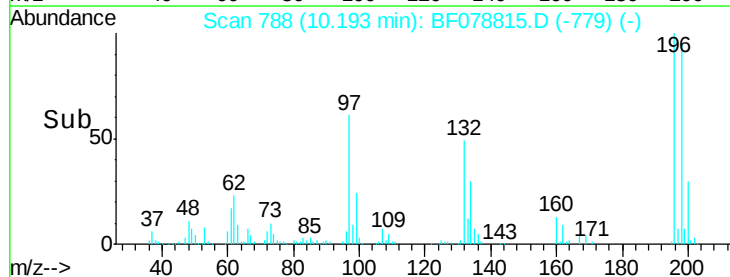
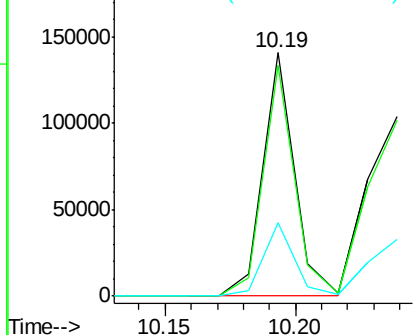


#42  
 2,4,6-Trichlorophenol  
 Concen: 43.42 ng  
 RT: 10.19 min Scan# 788  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.7  | 80.5  | 120.7 |
| 200     | 30.1  | 24.9  | 37.3  |



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

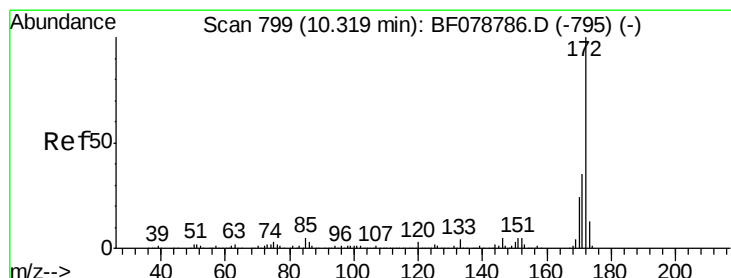
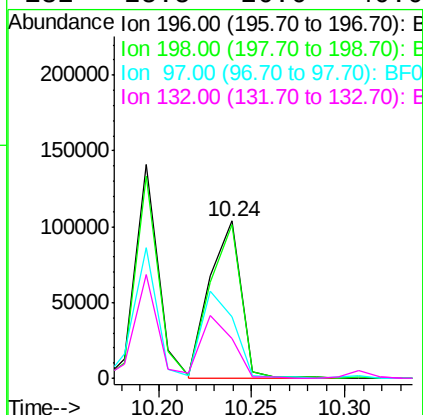
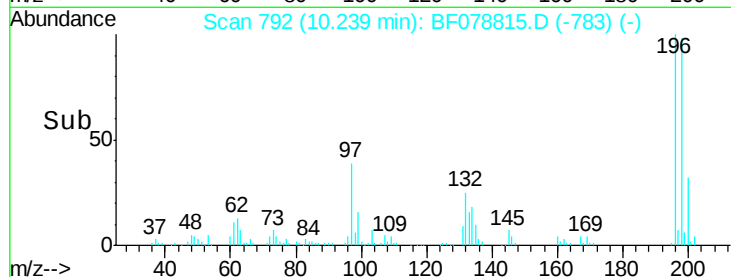
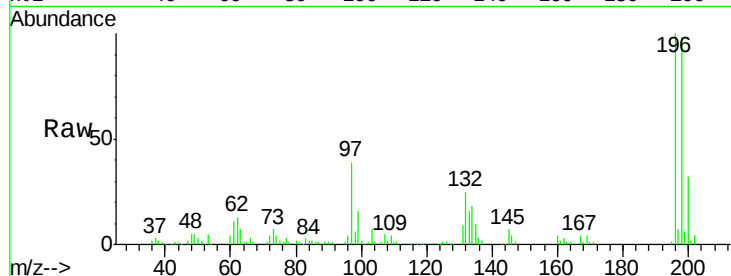




#43  
 2,4,5-Trichlorophenol  
 Concen: 41.49 ng  
 RT: 10.24 min Scan# 792  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

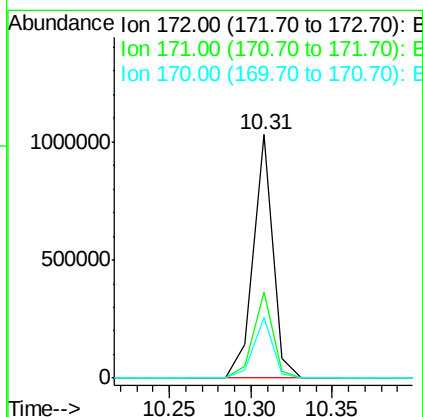
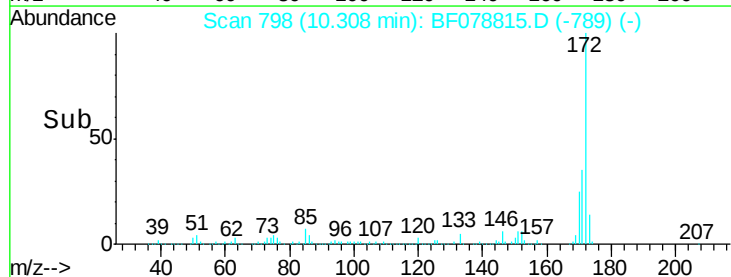
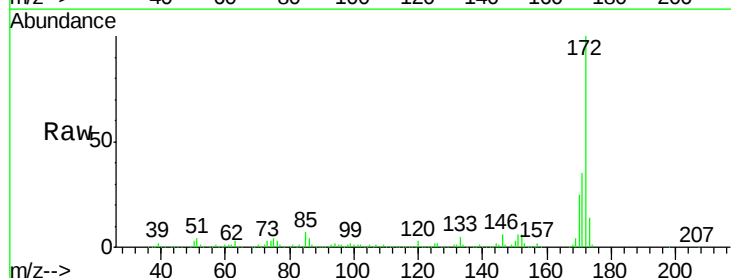
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83017BS

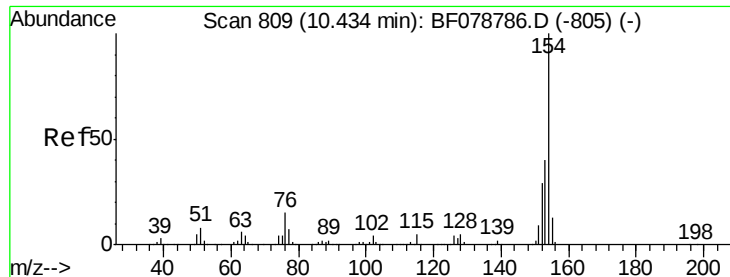
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.1  | 79.8  | 119.6 |
| 97      | 39.3  | 46.0  | 69.0# |
| 132     | 25.5  | 26.6  | 40.0# |



#44  
 2-Fluorobiphenyl  
 Concen: 74.23 ng  
 RT: 10.31 min Scan# 798  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.3  | 27.9  | 41.9  |
| 170     | 24.7  | 19.4  | 29.0  |

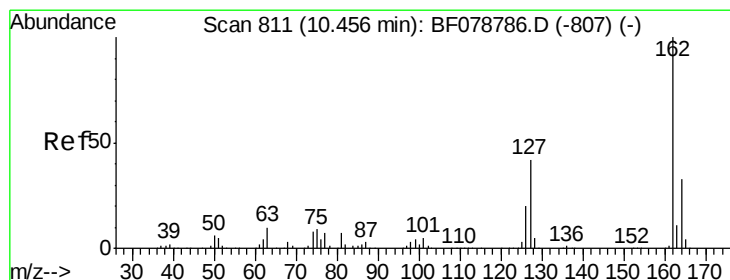
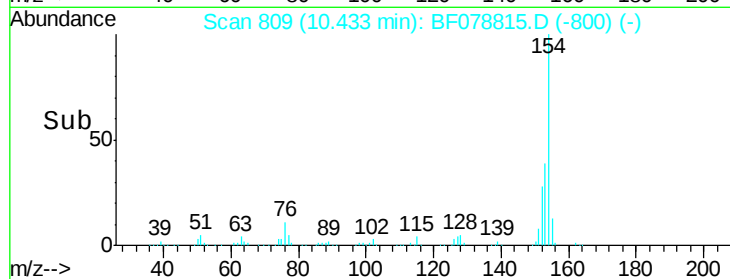
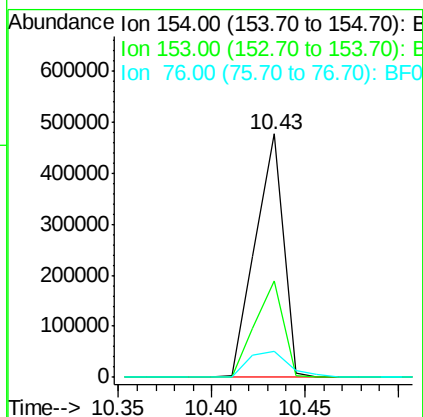
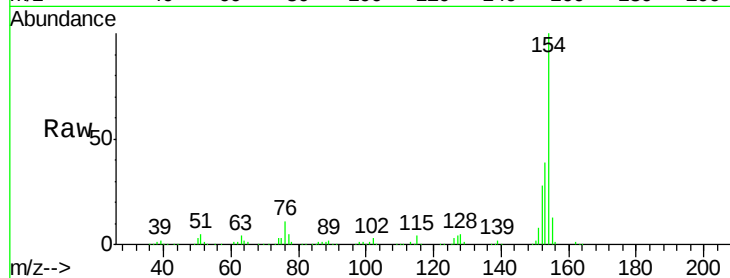




#45  
 1,1'-Biphenyl  
 Concen: 39.03 ng  
 RT: 10.43 min Scan# 809  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

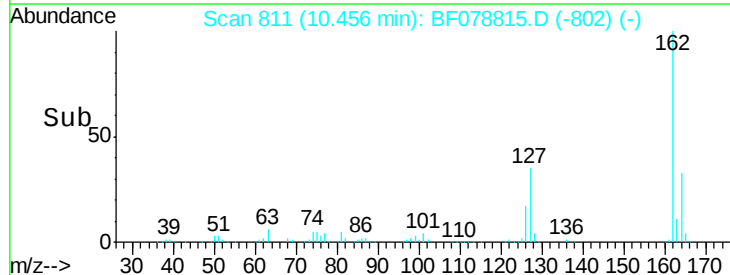
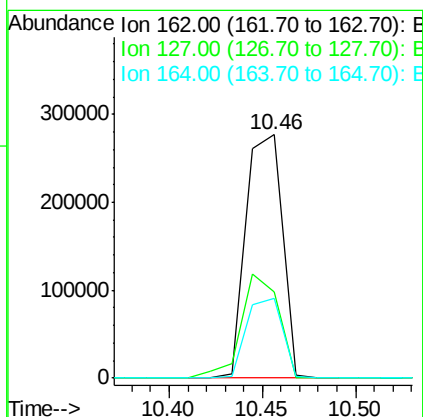
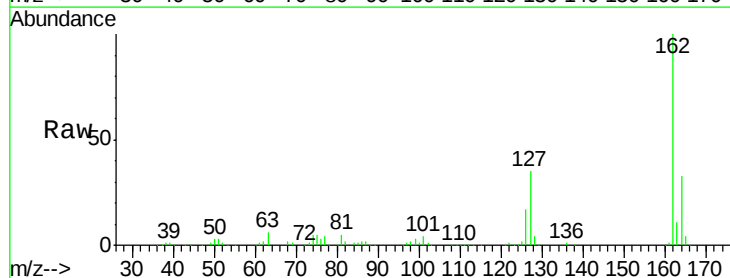
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83017BS

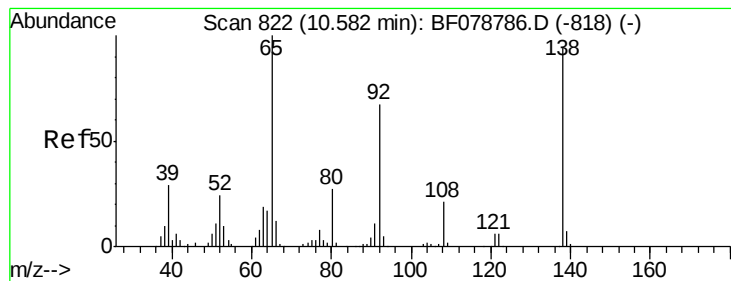
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.4  | 19.9  | 59.9  |
| 76      | 10.5  | 0.0   | 35.0  |



#46  
 2-Chloronaphthalene  
 Concen: 37.67 ng  
 RT: 10.46 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 35.4  | 33.9  | 50.9  |
| 164     | 32.9  | 26.3  | 39.5  |





#47

2-Nitroaniline

Concen: 46.12 ng

RT: 10.57 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

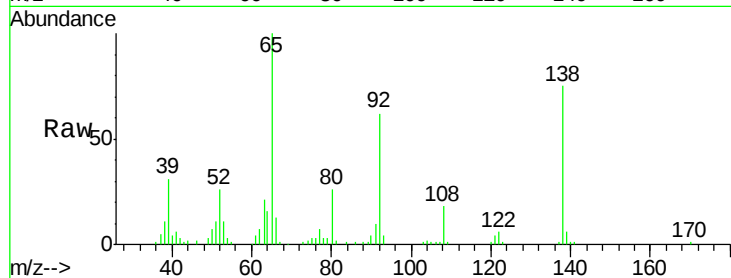
Tgt Ion: 65 Resp: 100363

Ion Ratio Lower Upper

65 100

92 62.0 54.0 81.0

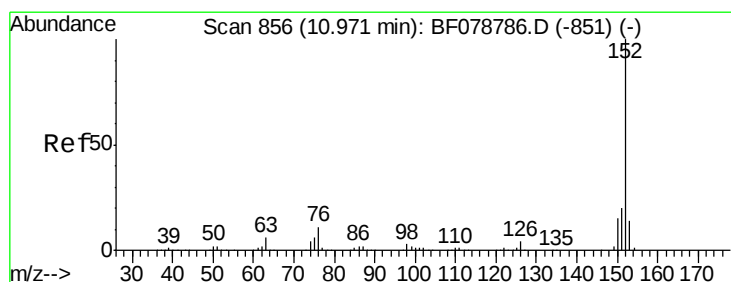
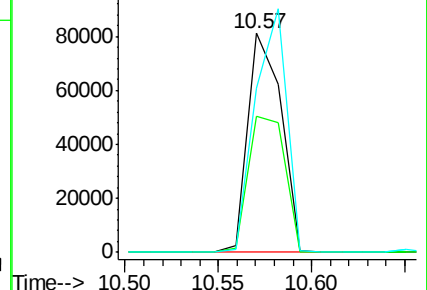
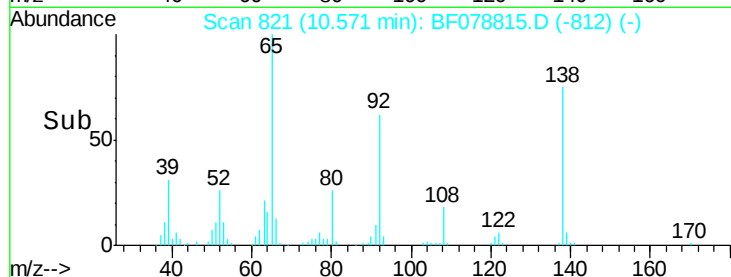
138 75.2 75.0 112.6



Abundance Ion 65.00 (64.70 to 65.70): BF078786.D (-818) (-)

Ion 92.00 (91.70 to 92.70): BF078786.D (-818) (-)

Ion 138.00 (137.70 to 138.70): BF078786.D (-818) (-)



#48

Acenaphthylene

Concen: 37.78 ng

RT: 10.96 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

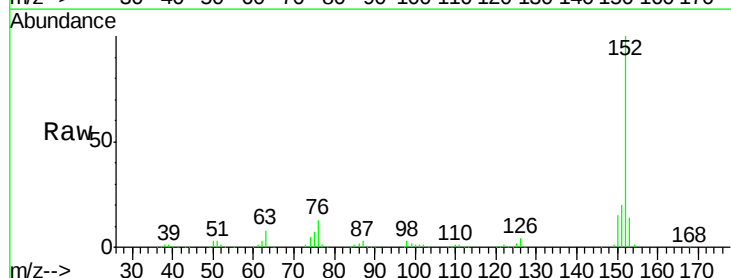
Tgt Ion: 152 Resp: 615978

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.4

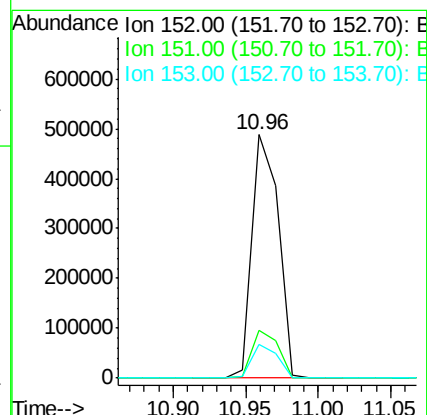
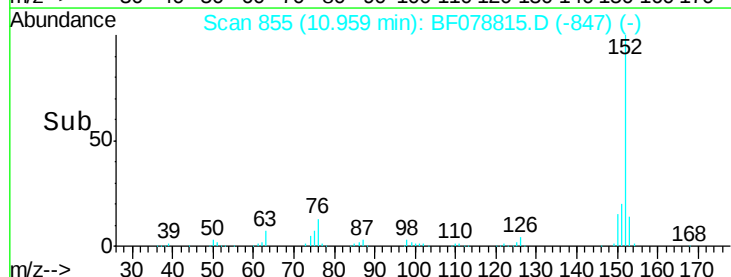
153 13.6 10.9 16.3

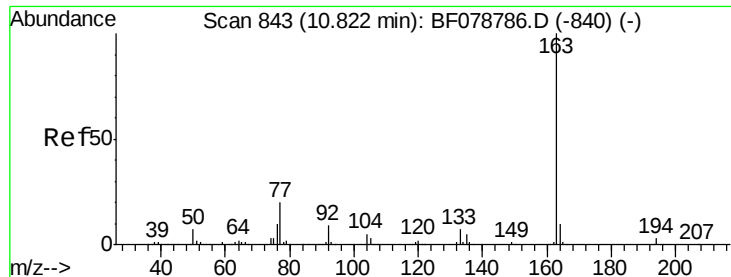


Abundance Ion 152.00 (151.70 to 152.70): BF078786.D (-851) (-)

Ion 151.00 (150.70 to 151.70): BF078786.D (-851) (-)

Ion 153.00 (152.70 to 153.70): BF078786.D (-851) (-)





#49

Dimethylphthalate

Concen: 38.99 ng

RT: 10.81 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

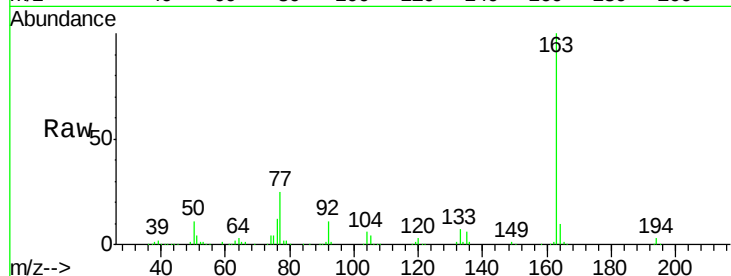
Tgt Ion:163 Resp: 440357

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

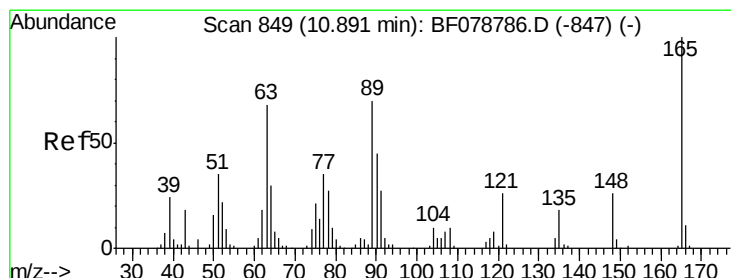
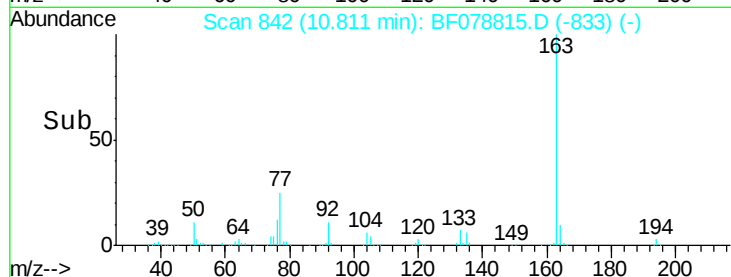
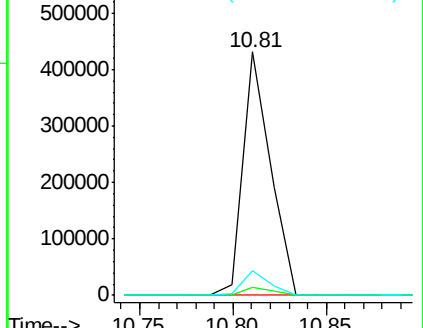
164 10.4 8.1 12.1



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: 45.28 ng

RT: 10.89 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

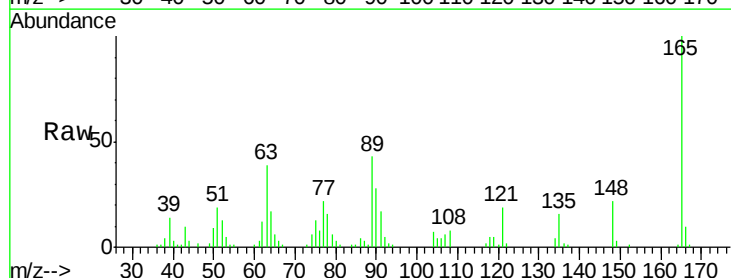
Tgt Ion:165 Resp: 83317

Ion Ratio Lower Upper

165 100

63 39.1 54.4 81.6#

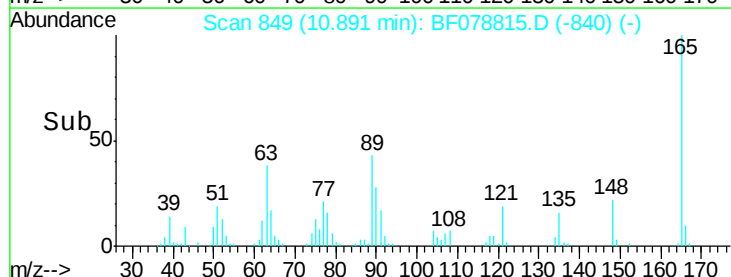
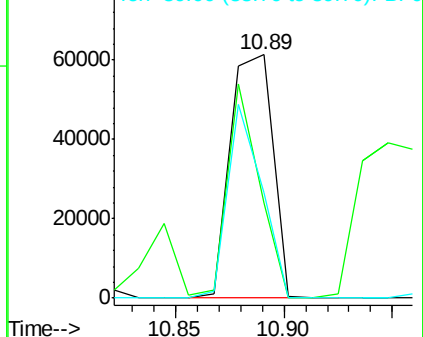
89 43.4 55.7 83.5#

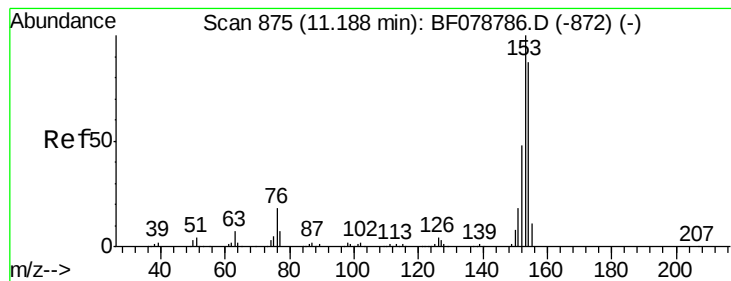


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.27 ng

RT: 11.18 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

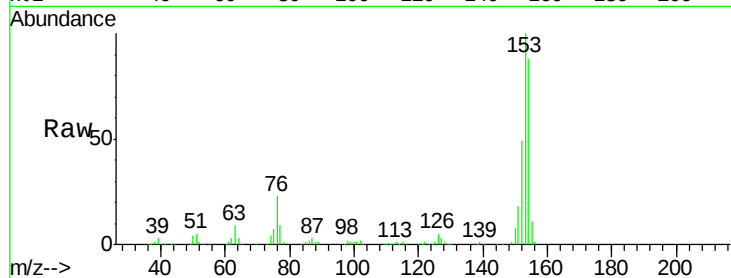
Tgt Ion:154 Resp: 376001

Ion Ratio Lower Upper

154 100

153 113.1 91.5 137.3

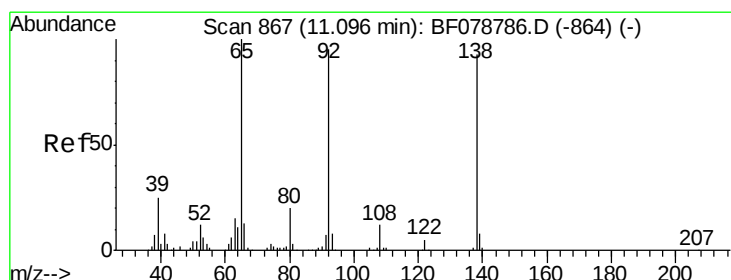
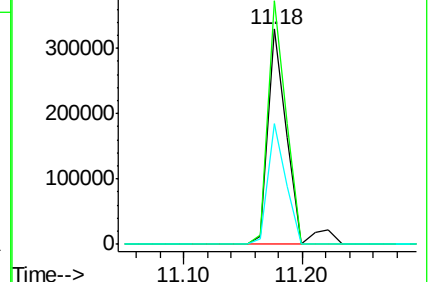
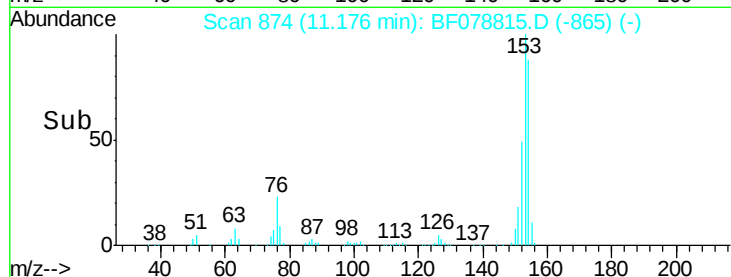
152 55.8 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.21 ng

RT: 11.08 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

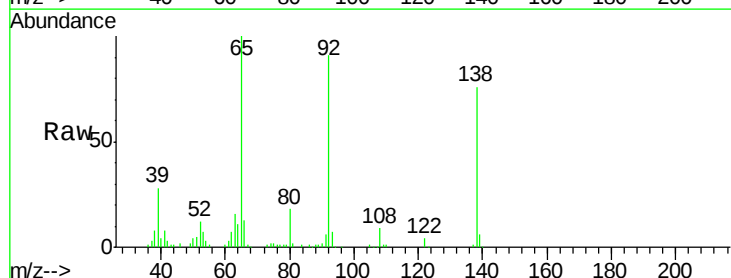
Tgt Ion:138 Resp: 69733

Ion Ratio Lower Upper

138 100

108 11.2 10.6 16.0

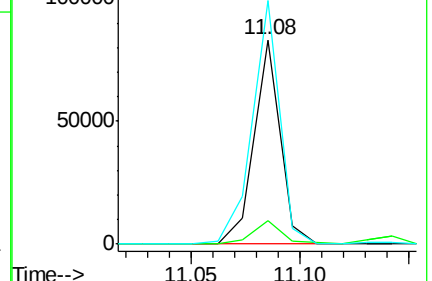
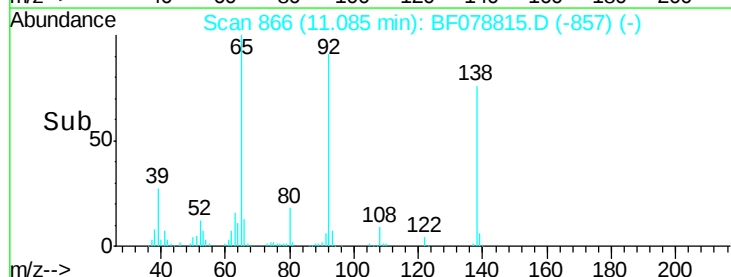
92 119.1 81.8 122.6

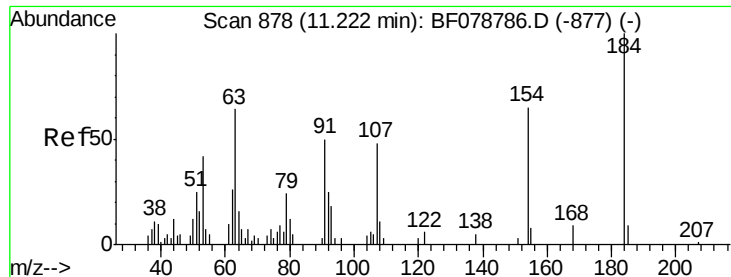


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

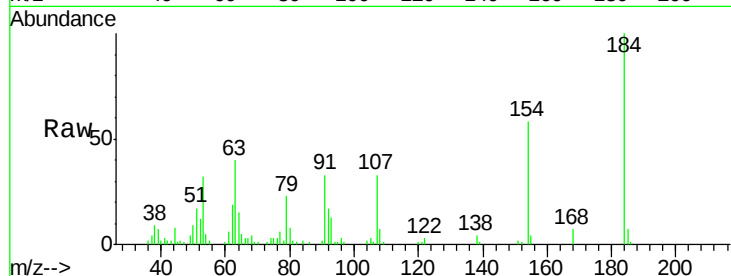




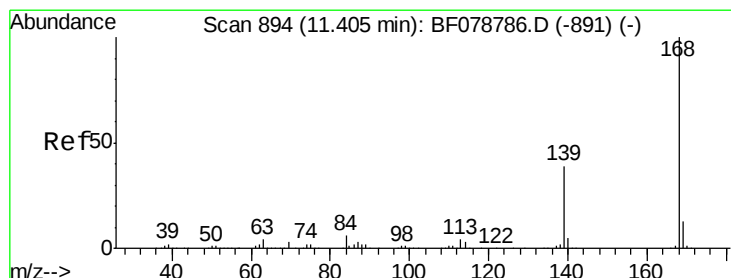
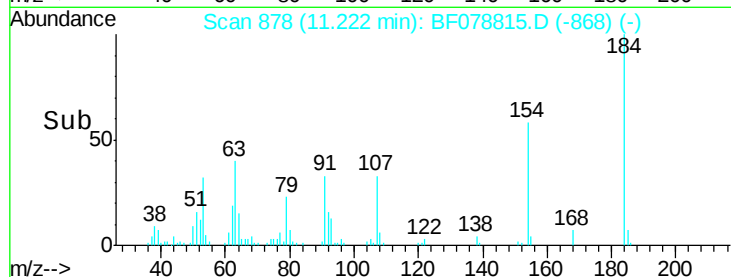
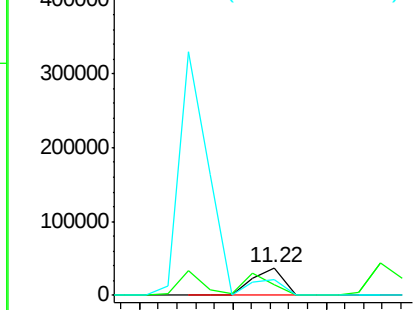
#53  
2,4-Dinitrophenol  
Concen: 146.74 ng  
RT: 11.22 min Scan# 878  
Delta R.T. 0.01 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB83017BS

Tgt Ion:184 Resp: 43192  
Ion Ratio Lower Upper  
184 100  
63 40.4 63.3 94.9#  
154 58.4 53.8 80.6

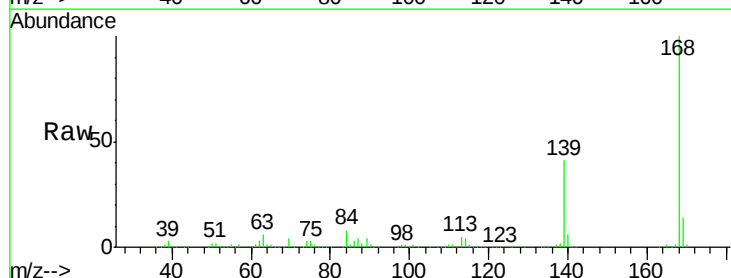


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

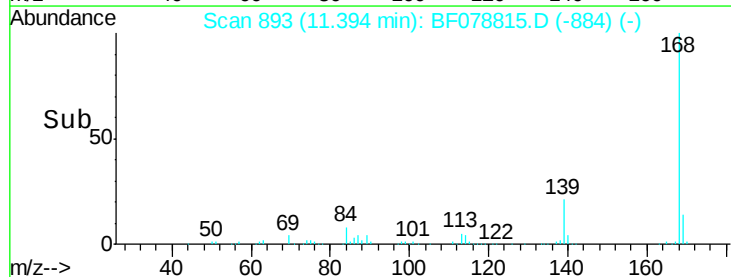
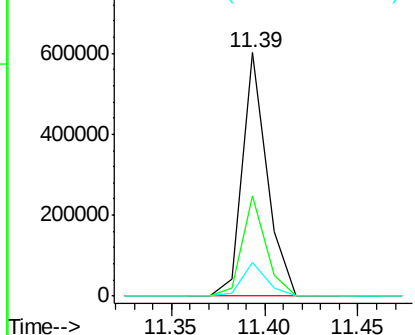


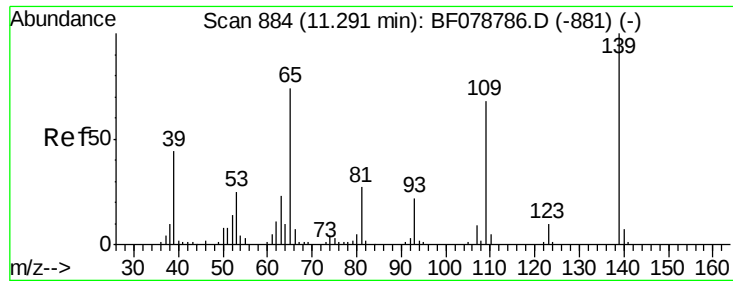
#54  
Dibenzofuran  
Concen: 39.35 ng  
RT: 11.39 min Scan# 893  
Delta R.T. -0.00 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

Tgt Ion:168 Resp: 552717  
Ion Ratio Lower Upper  
168 100  
139 41.1 31.0 46.4  
169 14.0 10.6 16.0



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

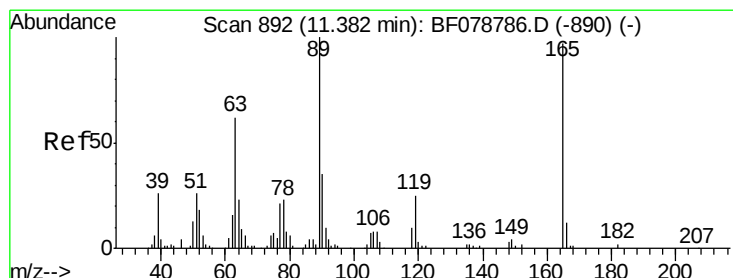
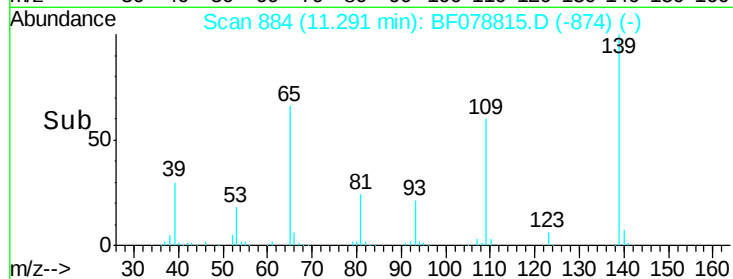
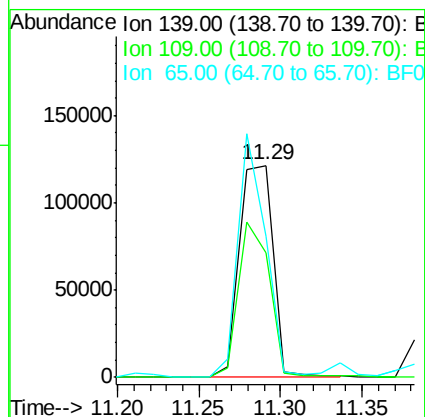
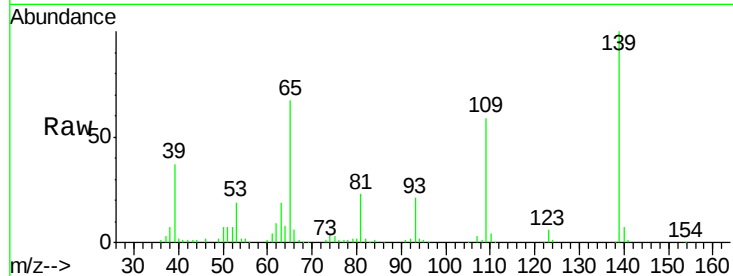




#55  
4-Nitrophenol  
Concen: 89.69 ng  
RT: 11.29 min Scan# 884  
Delta R.T. 0.01 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

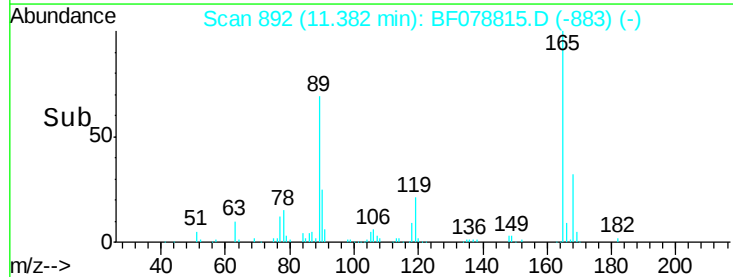
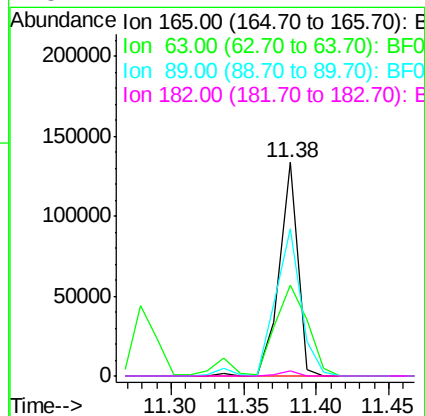
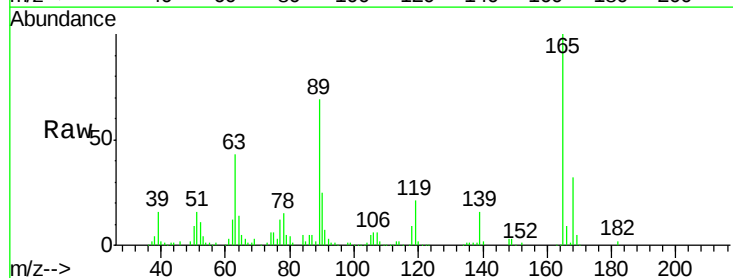
Instrument :  
BNA\_F  
ClientSampleId :  
PB83017BS

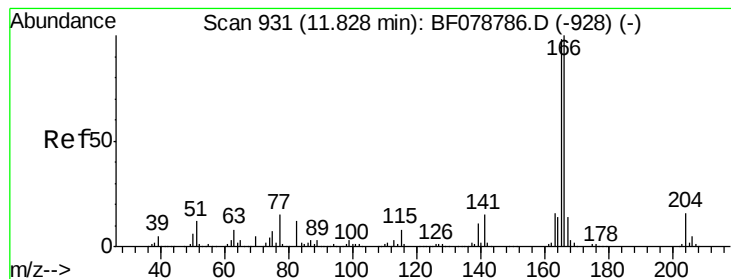
Tgt Ion:139 Resp: 173467  
Ion Ratio Lower Upper  
139 100  
109 58.8 47.6 87.6  
65 66.6 54.3 94.3



#56  
2,4-Dinitrotoluene  
Concen: 52.08 ng  
RT: 11.38 min Scan# 892  
Delta R.T. -0.00 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

Tgt Ion:165 Resp: 118426  
Ion Ratio Lower Upper  
165 100  
63 42.8 51.2 76.8#  
89 68.7 82.7 124.1#  
182 2.2 1.4 2.2#





#57

Fluorene

Concen: 39.59 ng

RT: 11.82 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

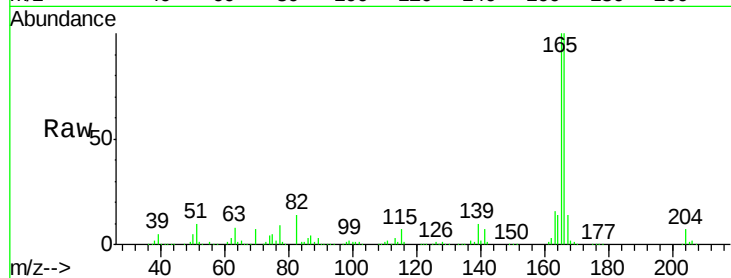
Tgt Ion:166 Resp: 444600

Ion Ratio Lower Upper

166 100

165 99.6 78.5 117.7

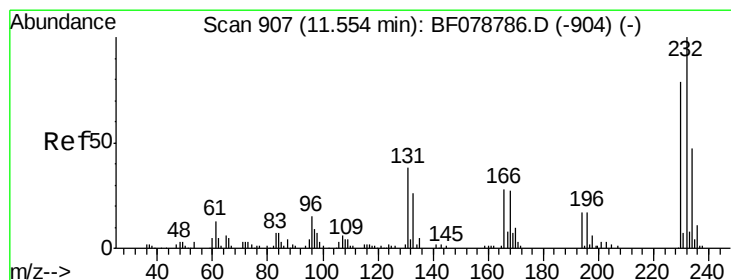
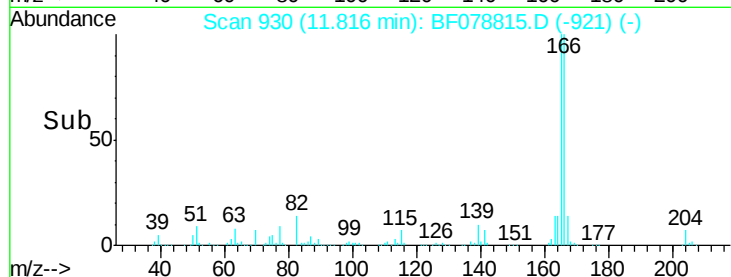
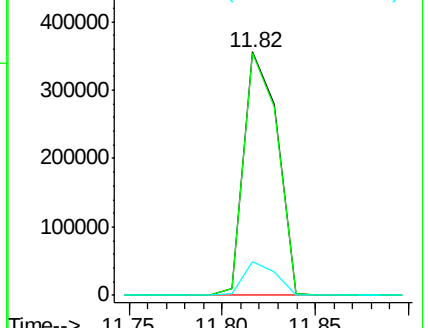
167 14.0 11.0 16.6



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: 45.57 ng

RT: 11.54 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Tgt Ion:232 Resp: 99615

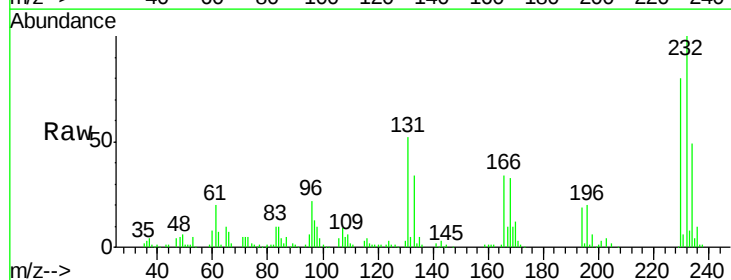
Ion Ratio Lower Upper

232 100

131 54.4 0.0 0.0#

130 2.5 0.0 0.0#

166 34.2 0.0 0.0#

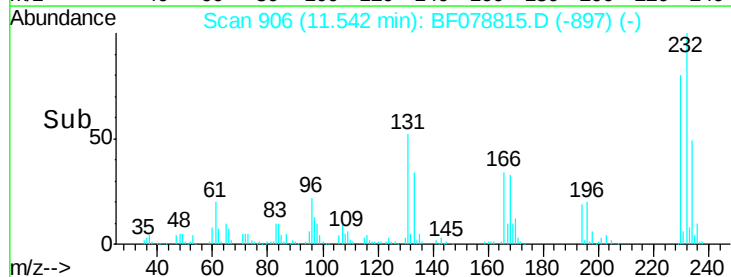
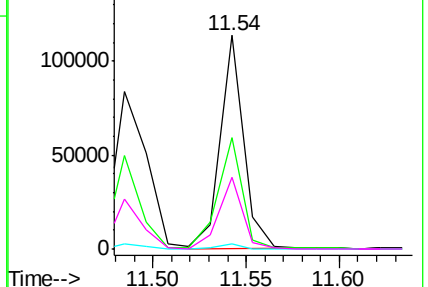


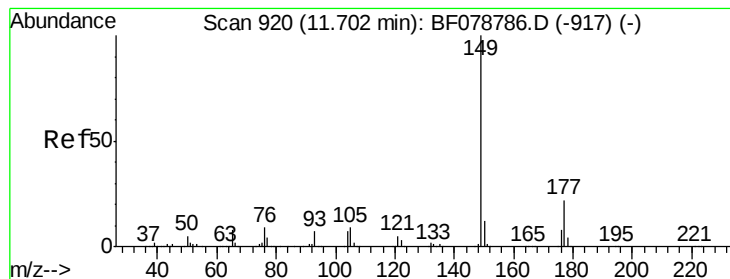
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.65 ng

RT: 11.69 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

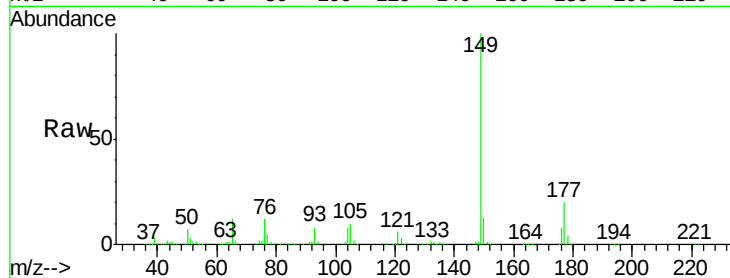
Tgt Ion:149 Resp: 445599

Ion Ratio Lower Upper

149 100

177 19.9 17.5 26.3

150 12.8 9.6 14.4

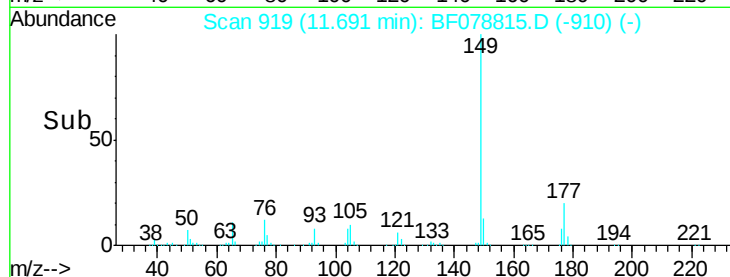


Abundance Ion 149.00 (148.70 to 149.70): E

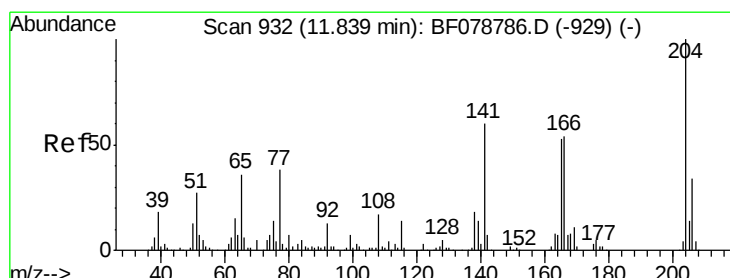
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

11.69



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 39.62 ng

RT: 11.83 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

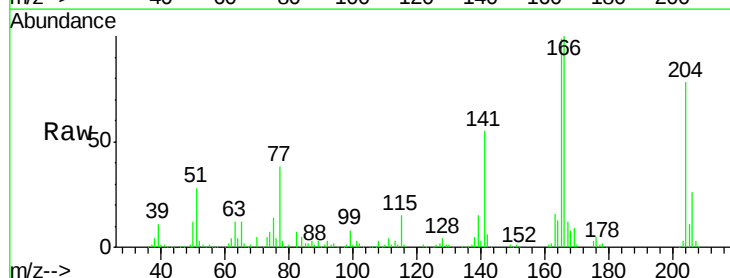
Tgt Ion:204 Resp: 197948

Ion Ratio Lower Upper

204 100

206 33.4 26.9 40.3

141 69.9 48.3 72.5

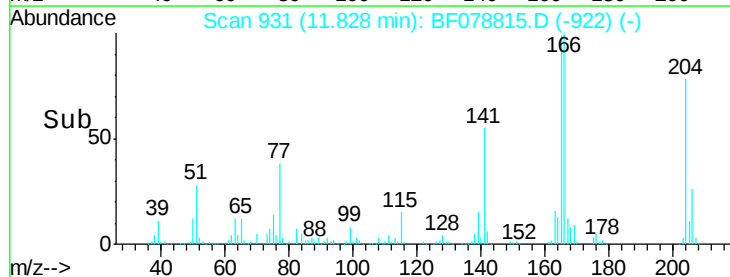


Abundance Ion 204.00 (203.70 to 204.70): E

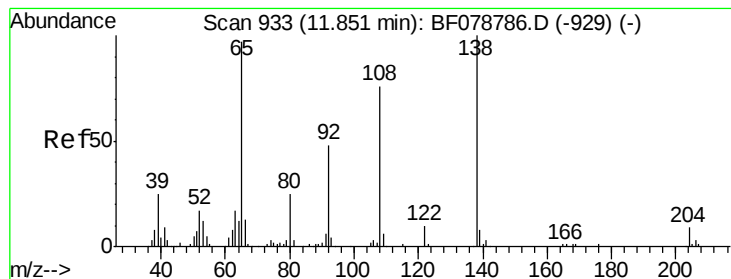
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

11.83



Time-->



#61

4-Nitroaniline

Concen: 40.29 ng

RT: 11.84 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

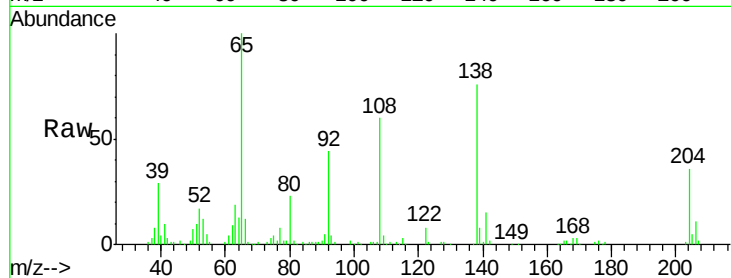
Tgt Ion:138 Resp: 96067

Ion Ratio Lower Upper

138 100

92 57.1 28.0 68.0

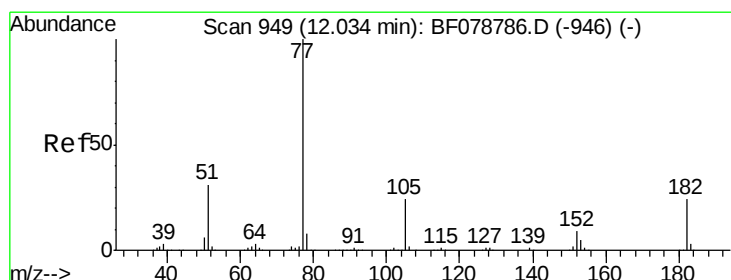
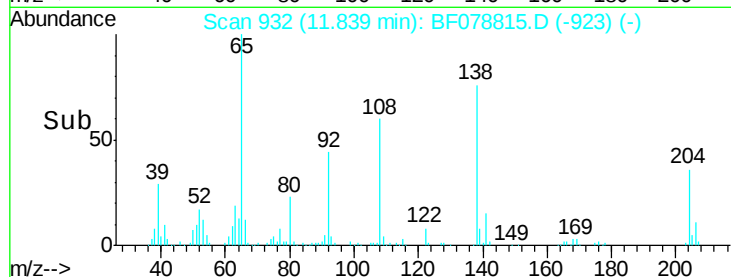
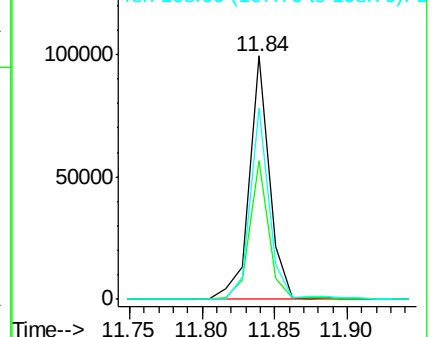
108 78.3 56.3 96.3



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: 42.44 ng

RT: 12.02 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Tgt Ion: 77 Resp: 486366

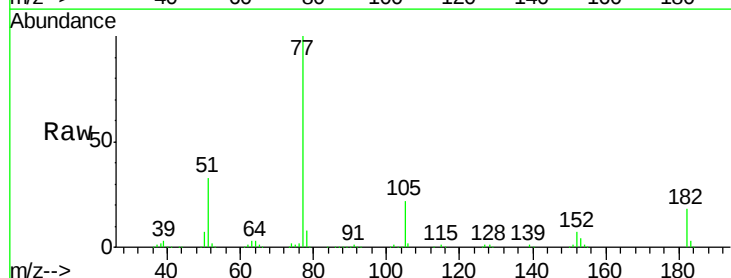
Ion Ratio Lower Upper

77 100

182 18.0 3.8 43.8

105 22.2 3.9 43.9

51 32.8 10.8 50.8

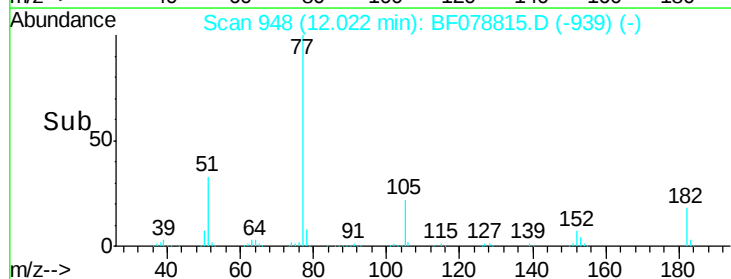
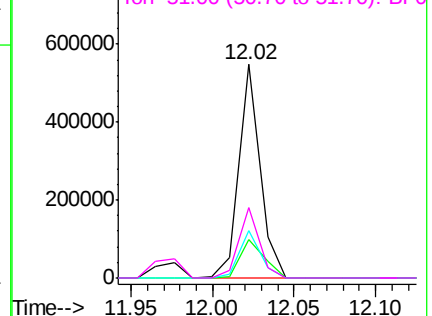


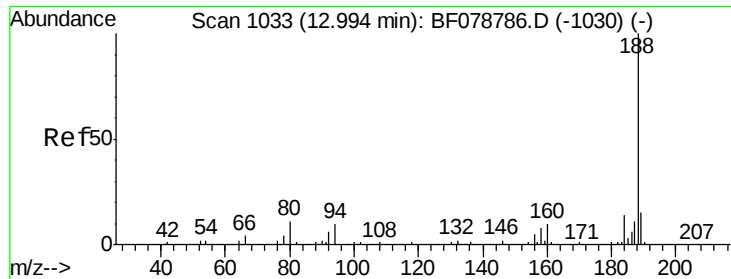
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

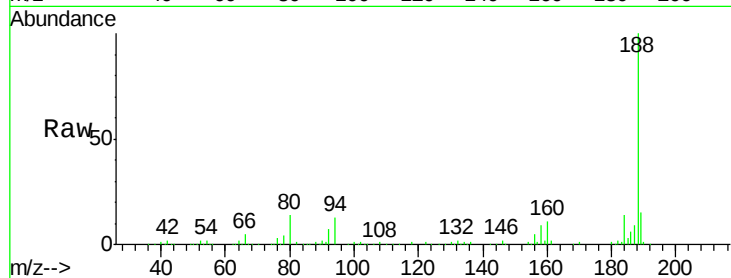




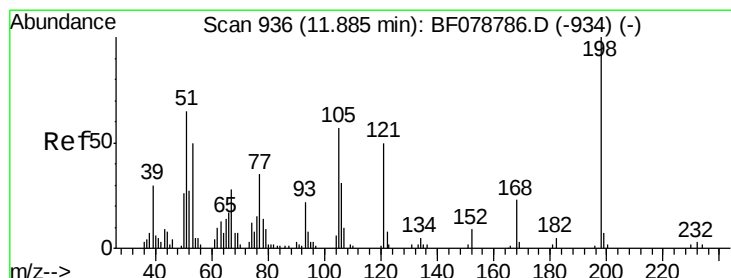
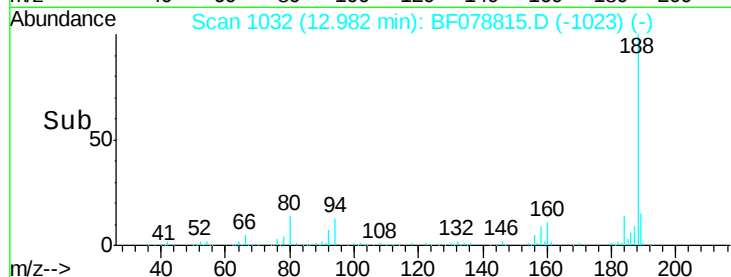
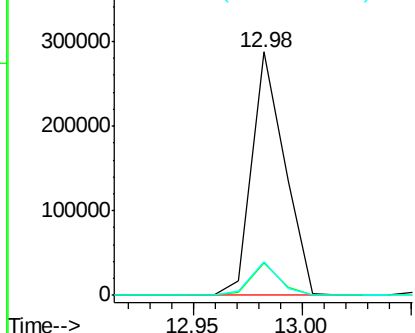
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.98 min Scan# 1032  
Delta R.T. -0.00 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB83017BS

Tgt Ion:188 Resp: 302101  
Ion Ratio Lower Upper  
188 100  
94 13.2 8.2 12.2#  
80 13.9 8.9 13.3#

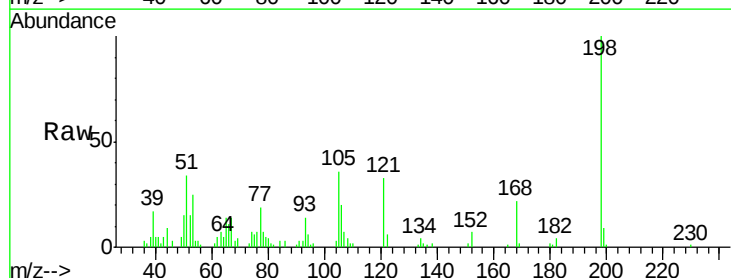


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

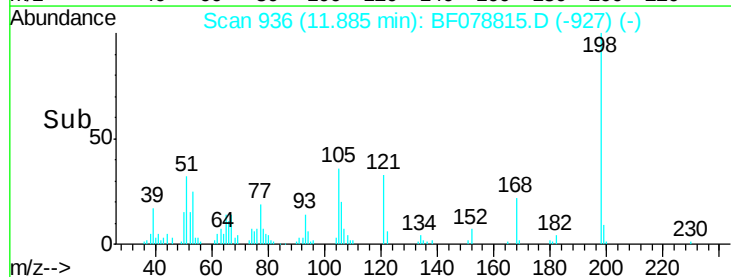
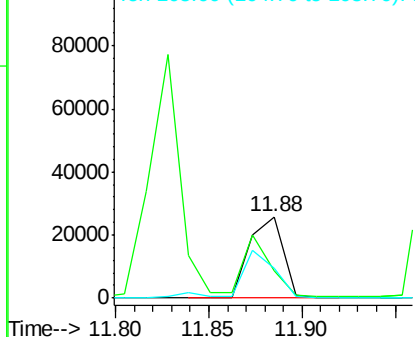


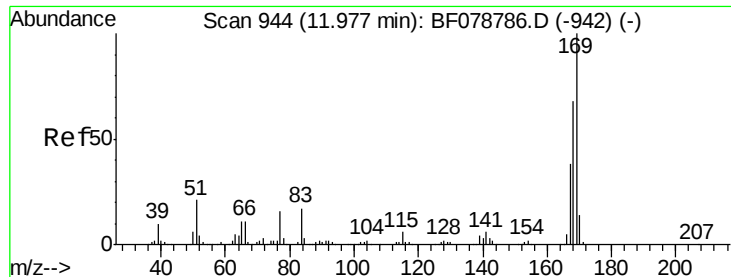
#64  
4,6-Dinitro-2-methylphenol  
Concen: 59.65 ng  
RT: 11.88 min Scan# 936  
Delta R.T. -0.00 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

Tgt Ion:198 Resp: 32281  
Ion Ratio Lower Upper  
198 100  
51 33.8 47.3 87.3#  
105 36.1 38.8 78.8#



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

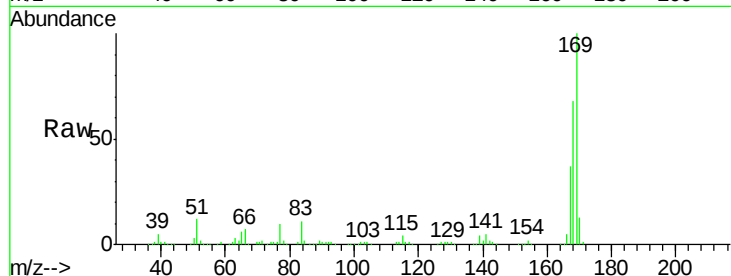




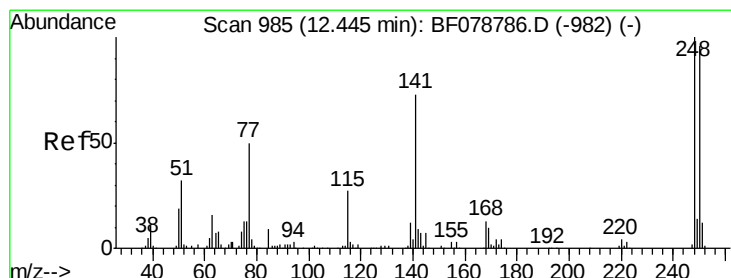
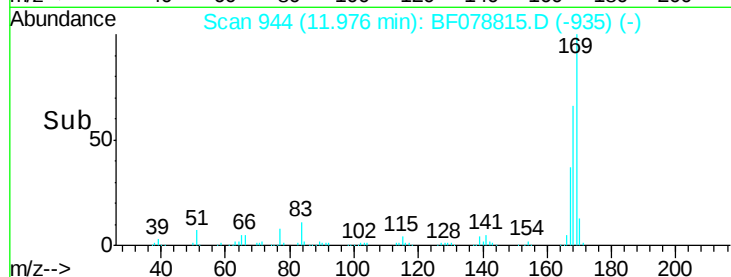
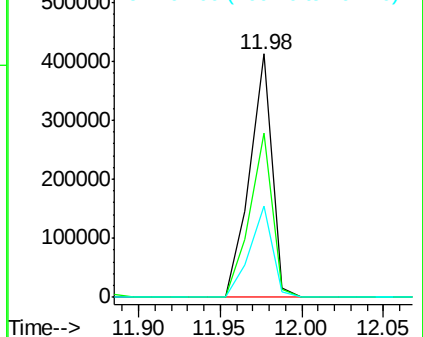
#65  
 n-Nitrosodiphenylamine  
 Concen: 40.54 ng  
 RT: 11.98 min Scan# 944  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83017BS

Tgt Ion:169 Resp: 395916  
 Ion Ratio Lower Upper  
 169 100  
 168 67.6 54.6 82.0  
 167 37.4 30.6 45.8

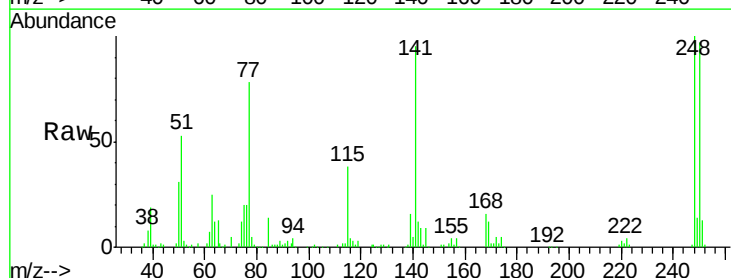


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

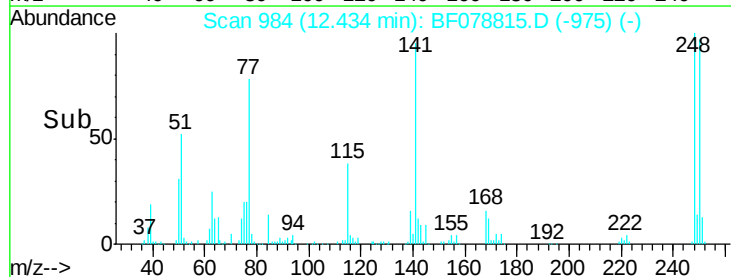
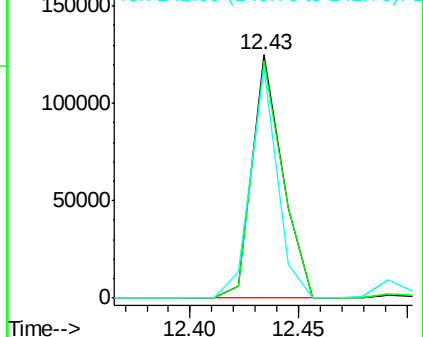


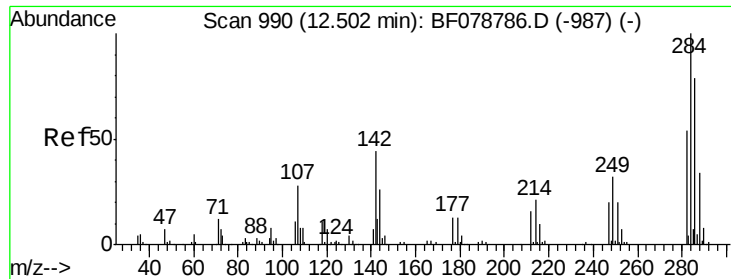
#66  
 4-Bromophenyl-phenylether  
 Concen: 39.99 ng  
 RT: 12.43 min Scan# 984  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

Tgt Ion:248 Resp: 121959  
 Ion Ratio Lower Upper  
 248 100  
 250 97.3 77.1 115.7  
 141 94.8 58.8 88.2#



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

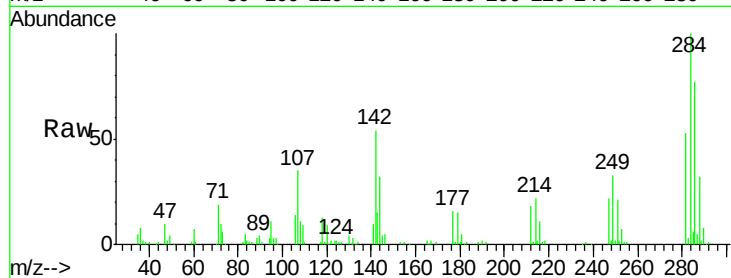




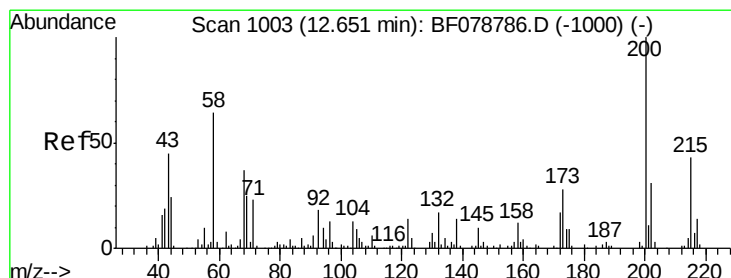
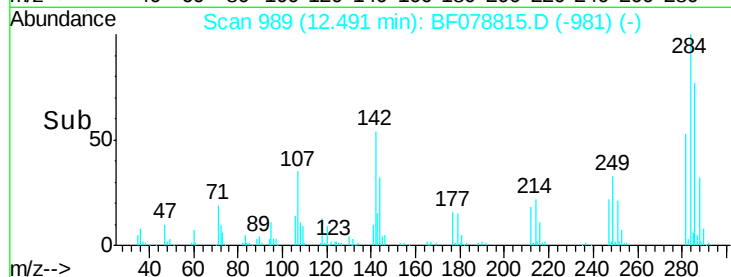
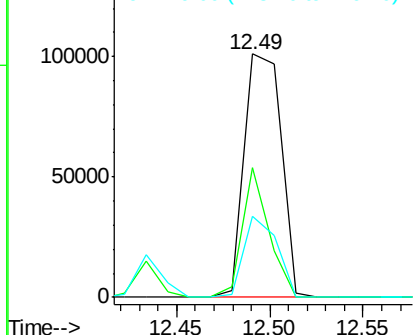
#67  
Hexachlorobenzene  
Concen: 40.27 ng  
RT: 12.49 min Scan# 989  
Delta R.T. -0.01 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB83017BS

Tgt Ion: 284 Resp: 139103  
Ion Ratio Lower Upper  
284 100  
142 53.5 35.2 52.8#  
249 33.2 25.4 38.2

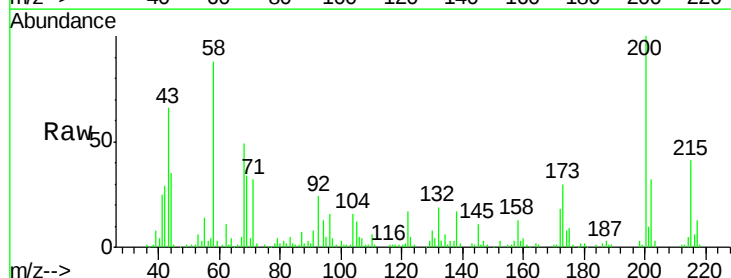


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

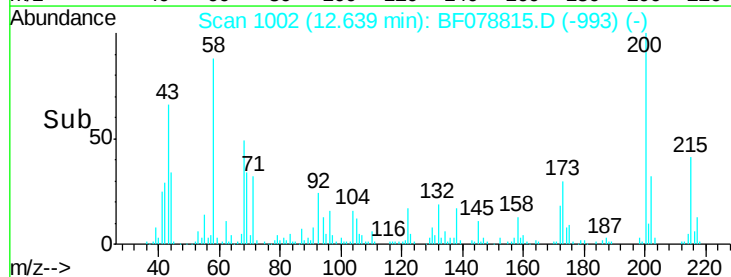
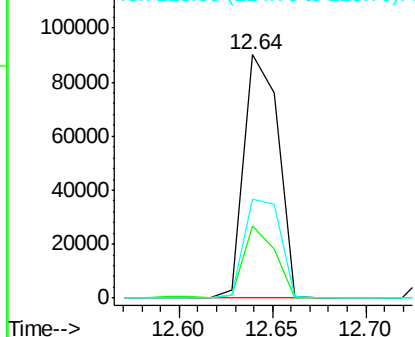


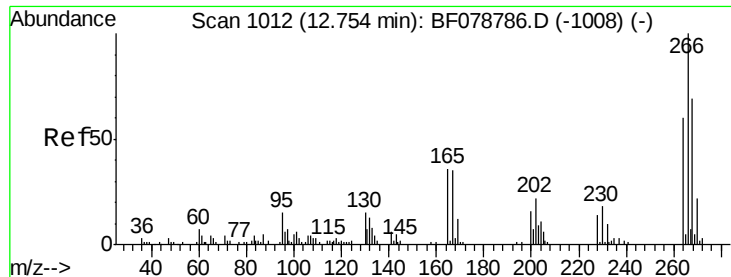
#68  
Atrazine  
Concen: 44.60 ng  
RT: 12.64 min Scan# 1002  
Delta R.T. -0.00 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

Tgt Ion: 200 Resp: 116664  
Ion Ratio Lower Upper  
200 100  
173 29.5 8.1 48.1  
215 40.6 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

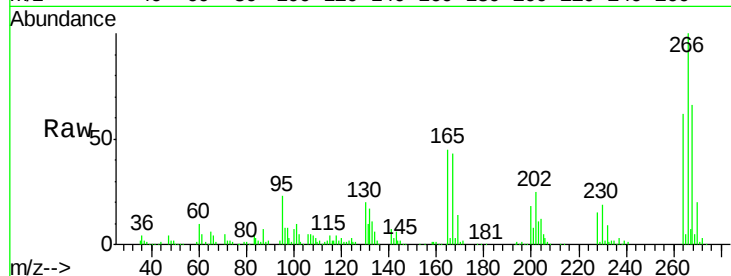




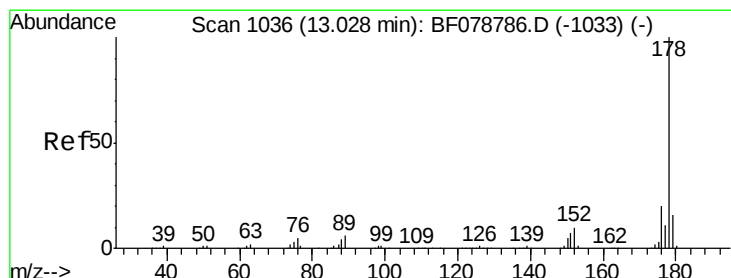
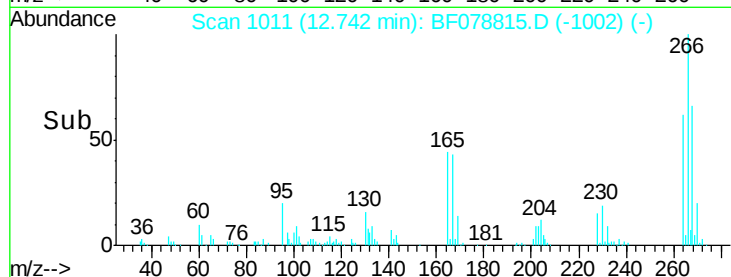
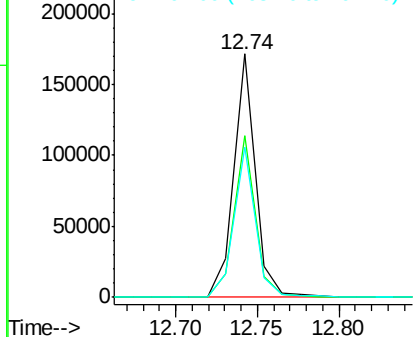
#69  
 Pentachlorophenol  
 Concen: 84.66 ng  
 RT: 12.74 min Scan# 1011  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83017BS

Tgt Ion:266 Resp: 156044  
 Ion Ratio Lower Upper  
 266 100  
 268 66.4 55.0 82.6  
 264 61.9 48.2 72.2

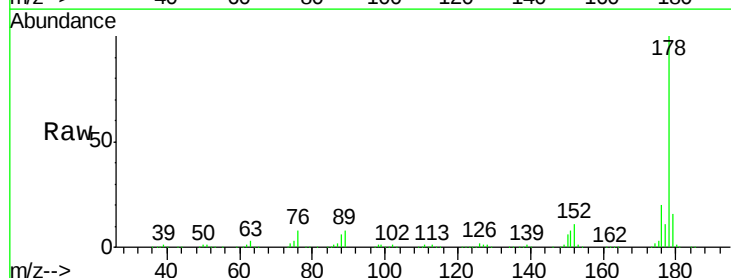


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

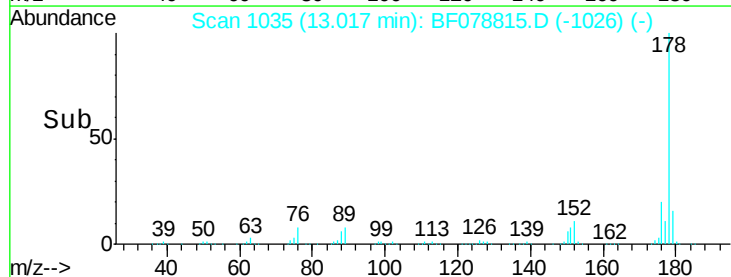
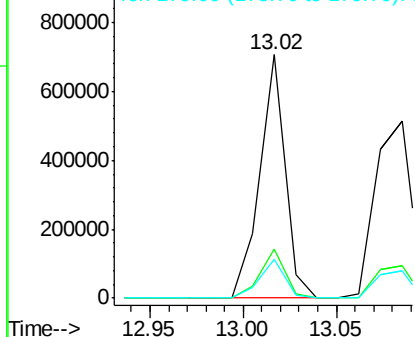


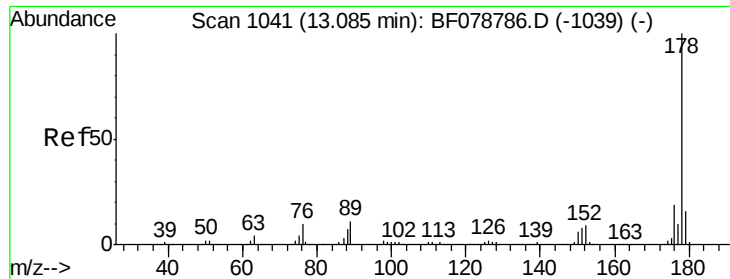
#70  
 Phenanthrene  
 Concen: 40.39 ng  
 RT: 13.02 min Scan# 1035  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

Tgt Ion:178 Resp: 660625  
 Ion Ratio Lower Upper  
 178 100  
 176 20.1 15.8 23.8  
 179 15.9 12.5 18.7



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

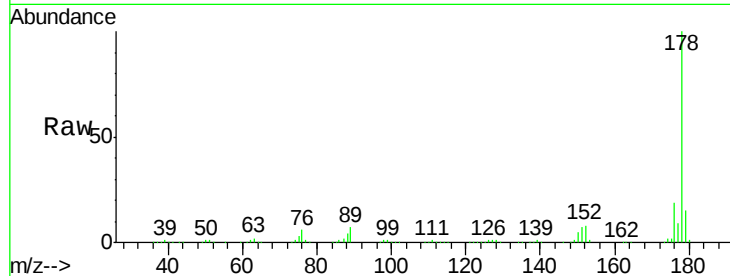




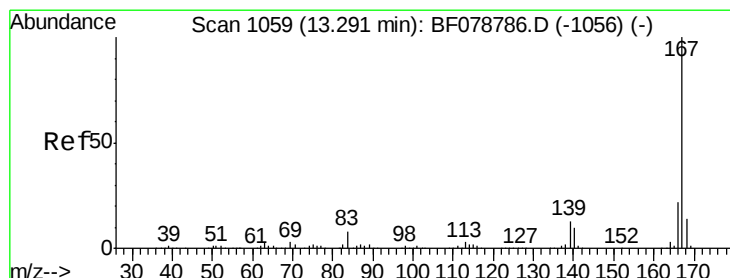
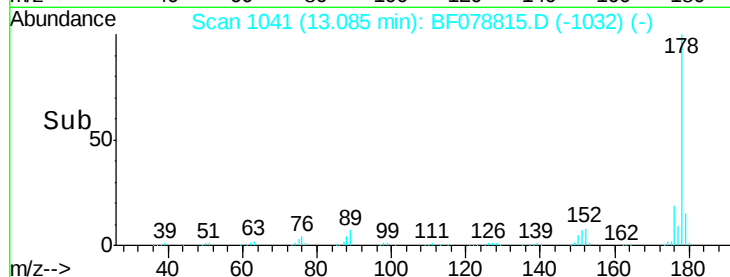
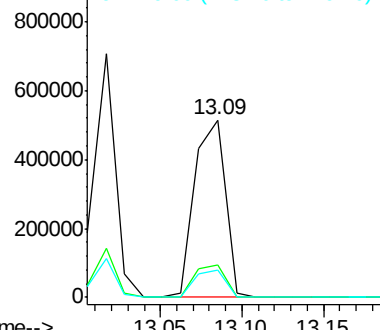
#71  
 Anthracene  
 Concen: 41.79 ng  
 RT: 13.09 min Scan# 1041  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83017BS

Tgt Ion:178 Resp: 668390  
 Ion Ratio Lower Upper  
 178 100  
 176 18.6 15.5 23.3  
 179 15.2 12.7 19.1

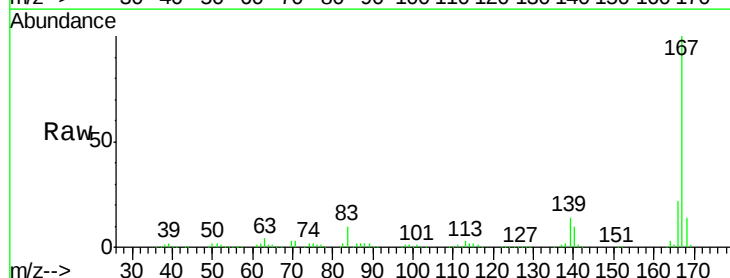


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

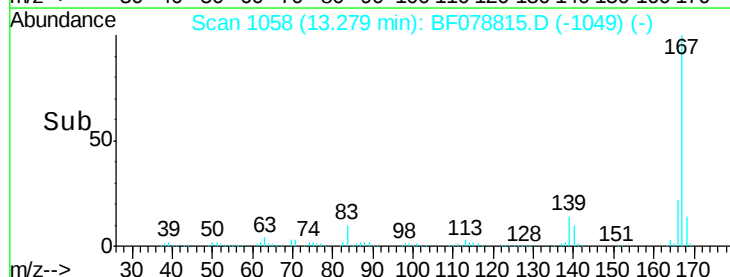
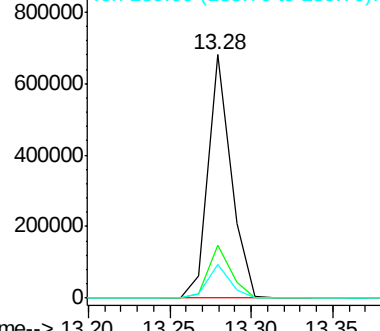


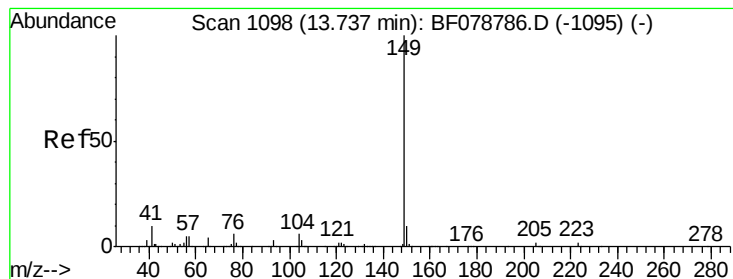
#72  
 Carbazole  
 Concen: 43.39 ng  
 RT: 13.28 min Scan# 1058  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

Tgt Ion:167 Resp: 655188  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.8 26.8  
 139 14.1 10.6 16.0



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





#73

Di-n-butylphthalate

Concen: 41.25 ng

RT: 13.74 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

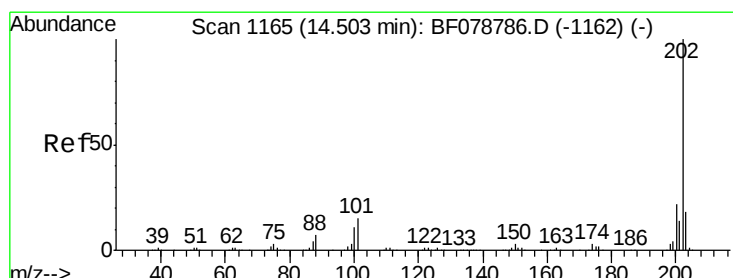
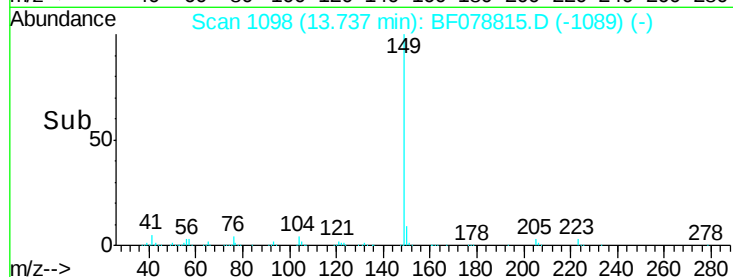
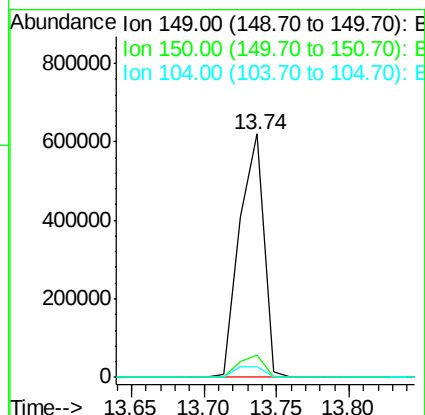
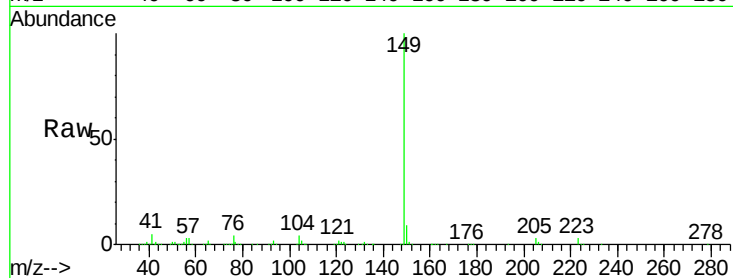
Tgt Ion:149 Resp: 721580

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

104 4.4 4.6 7.0#



#74

Fluoranthene

Concen: 42.85 ng

RT: 14.49 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

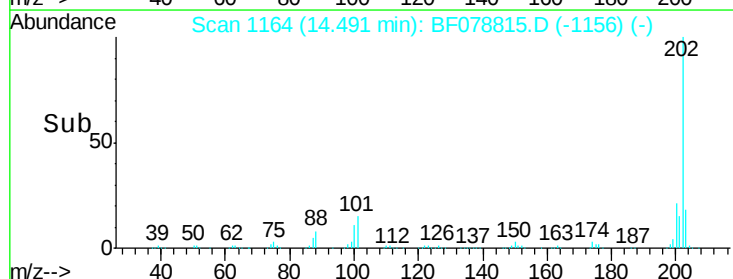
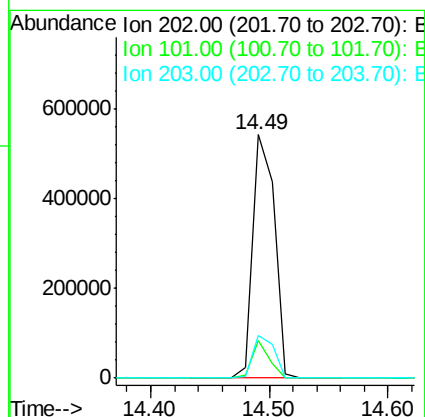
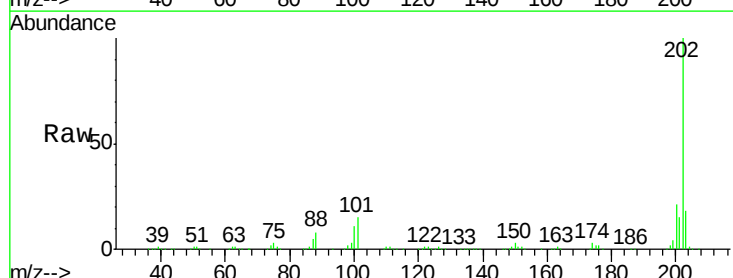
Tgt Ion:202 Resp: 698919

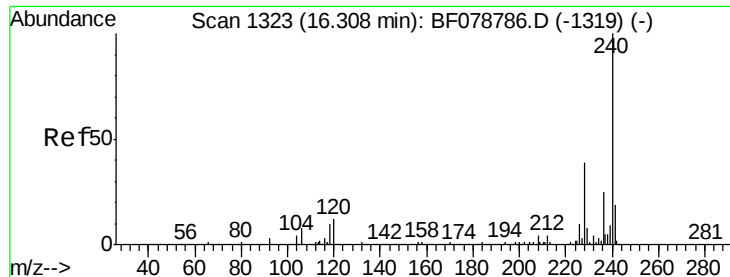
Ion Ratio Lower Upper

202 100

101 15.4 0.0 34.6

203 17.7 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

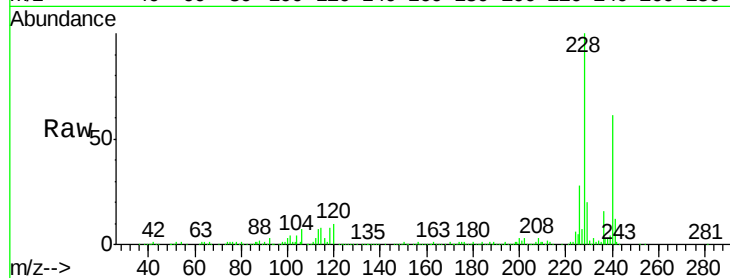
Tgt Ion:240 Resp: 313524

Ion Ratio Lower Upper

240 100

120 16.5 9.7 14.5#

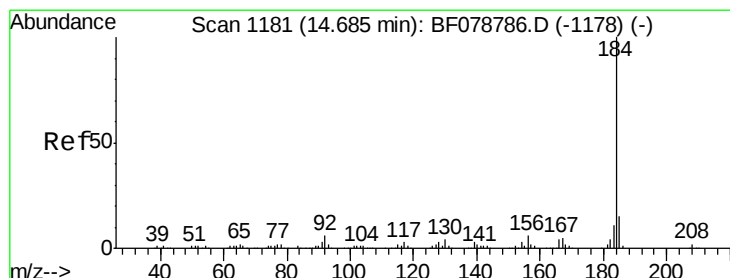
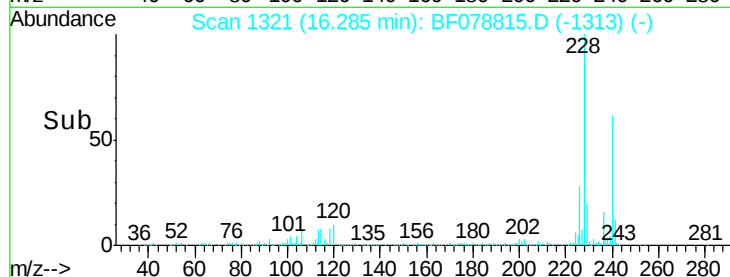
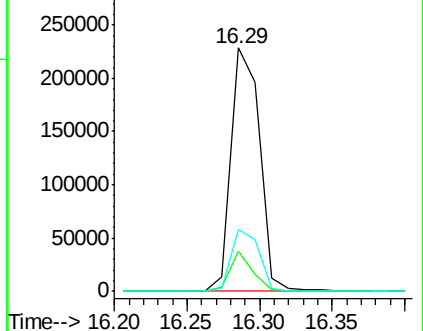
236 25.4 20.2 30.4



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: 24.31 ng

RT: 14.67 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

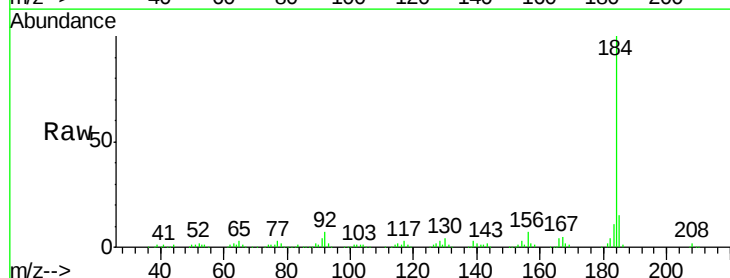
Tgt Ion:184 Resp: 246747

Ion Ratio Lower Upper

184 100

185 15.0 12.3 18.5

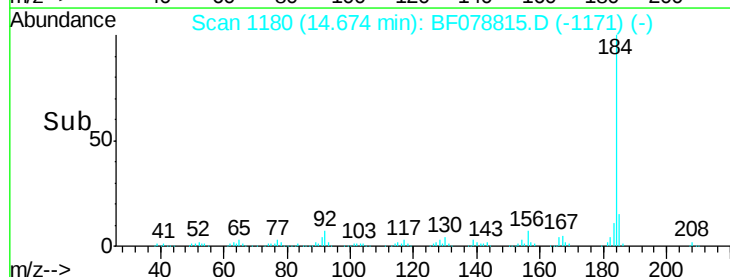
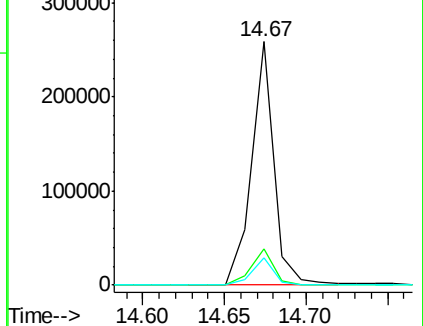
183 11.0 8.4 12.6

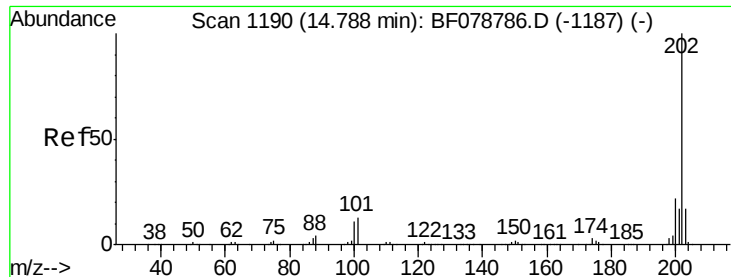


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

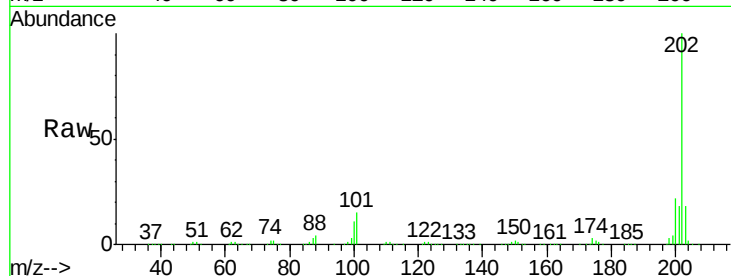




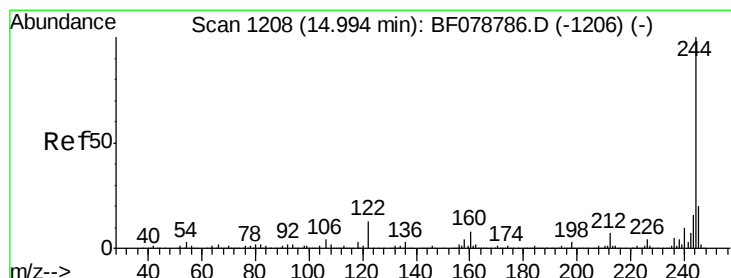
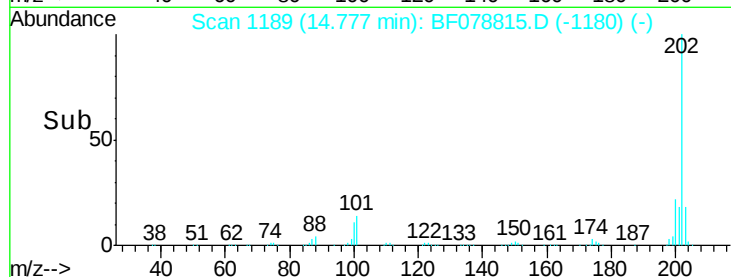
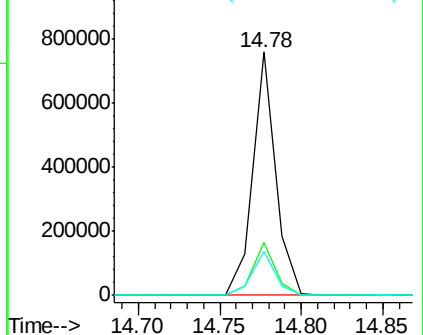
#77  
 Pyrene  
 Concen: 40.43 ng  
 RT: 14.78 min Scan# 1189  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83017BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.8  | 17.5  | 26.3  |
| 203     | 18.1  | 13.9  | 20.9  |

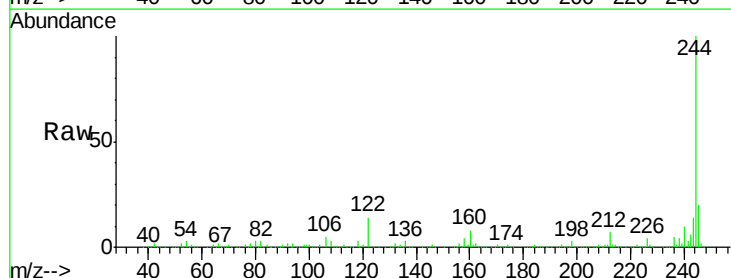


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

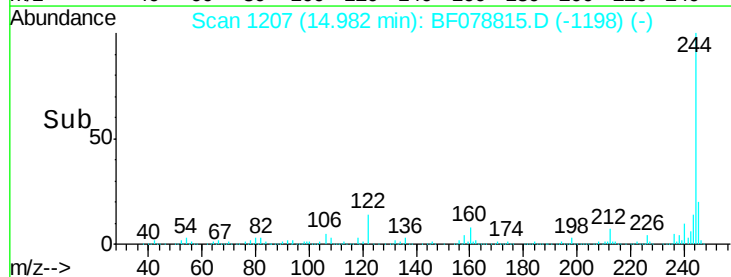
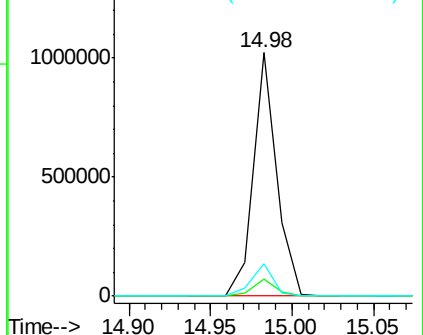


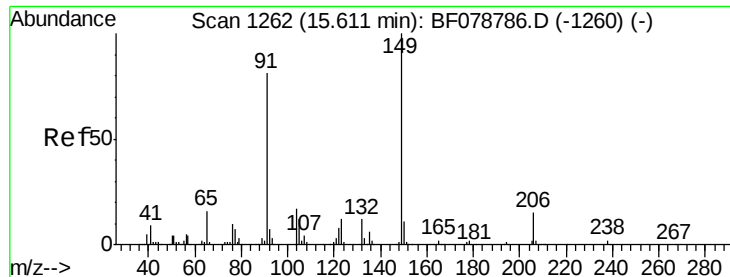
#78  
 Terphenyl-d14  
 Concen: 77.24 ng  
 RT: 14.98 min Scan# 1207  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.9   | 5.6   | 8.4   |
| 122     | 13.6  | 10.3  | 15.5  |



Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

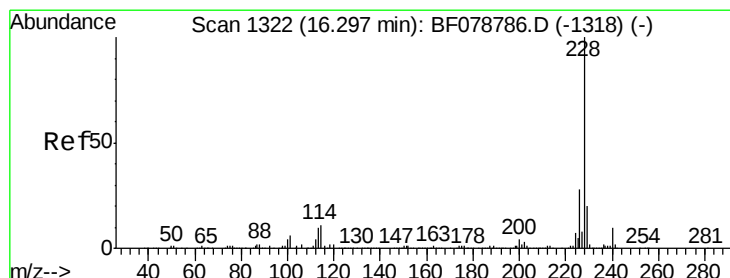
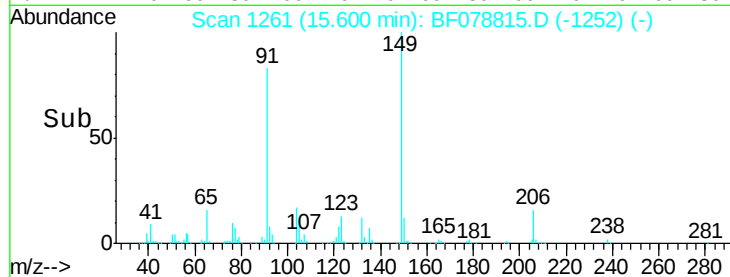
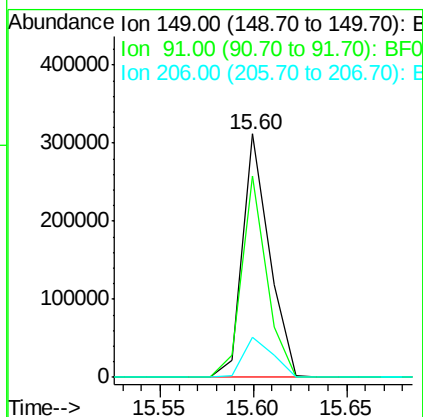
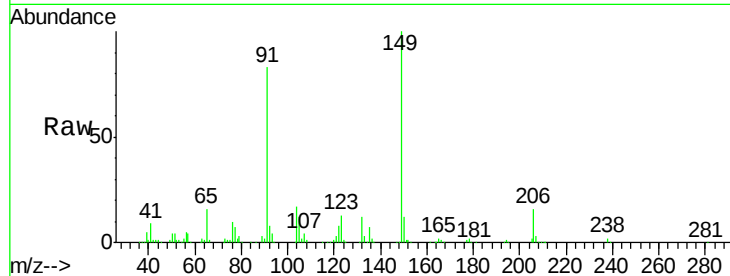




#79  
Butylbenzylphthalate  
Concen: 44.40 ng  
RT: 15.60 min Scan# 1261  
Delta R.T. -0.00 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

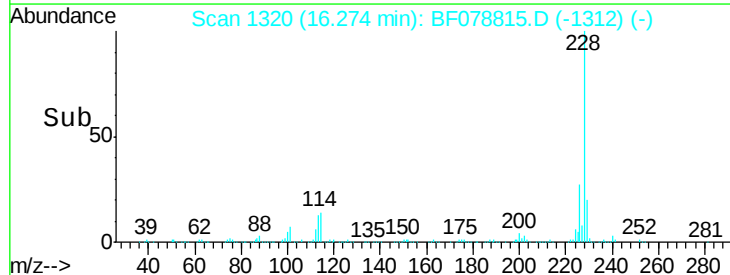
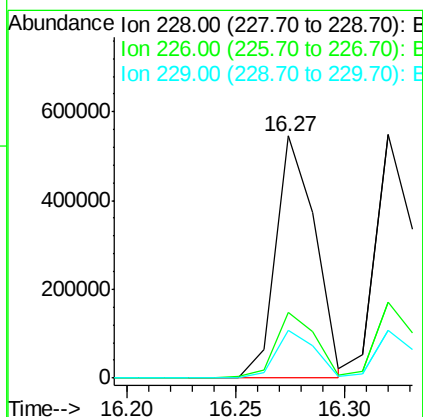
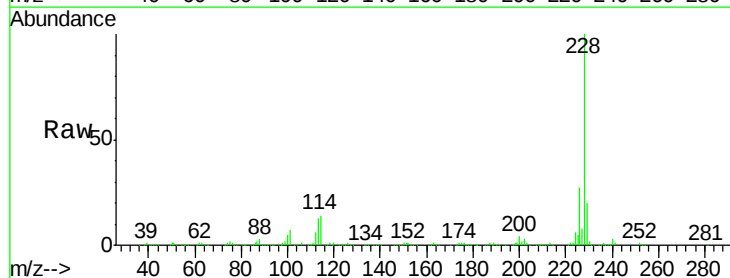
Instrument :  
BNA\_F  
ClientSampleId :  
PB83017BS

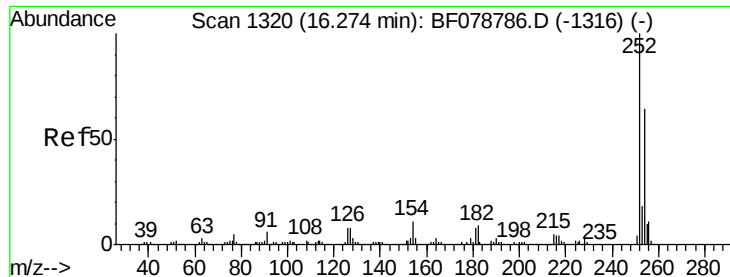
Tgt Ion:149 Resp: 311906  
Ion Ratio Lower Upper  
149 100  
91 82.5 64.6 97.0  
206 16.3 12.2 18.4



#80  
Benzo(a)anthracene  
Concen: 40.98 ng  
RT: 16.27 min Scan# 1320  
Delta R.T. -0.01 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

Tgt Ion:228 Resp: 689365  
Ion Ratio Lower Upper  
228 100  
226 27.3 22.6 33.8  
229 19.8 15.9 23.9

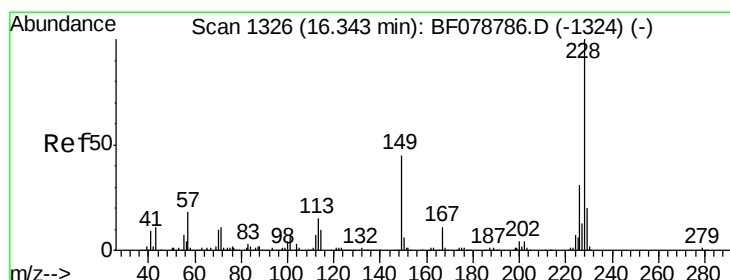
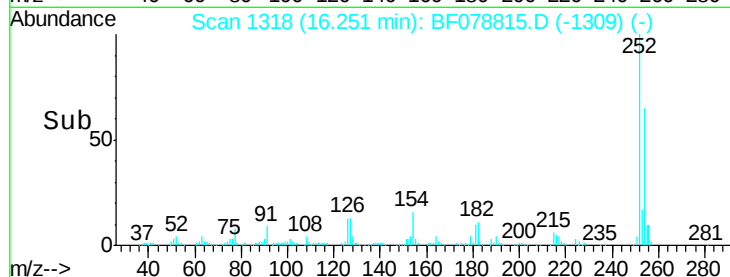
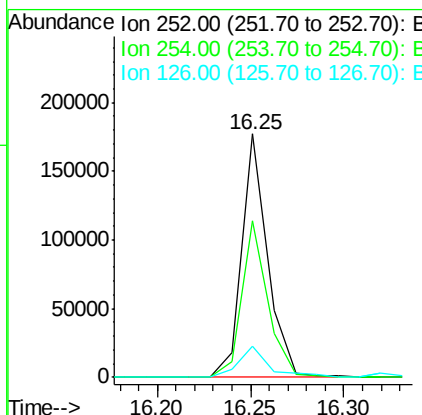
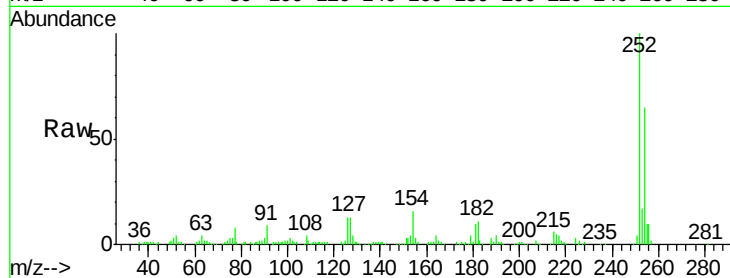




#81  
 3,3'-Dichlorobenzidine  
 Concen: 29.90 ng  
 RT: 16.25 min Scan# 1318  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

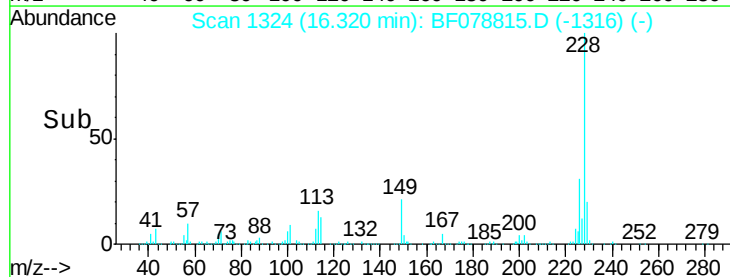
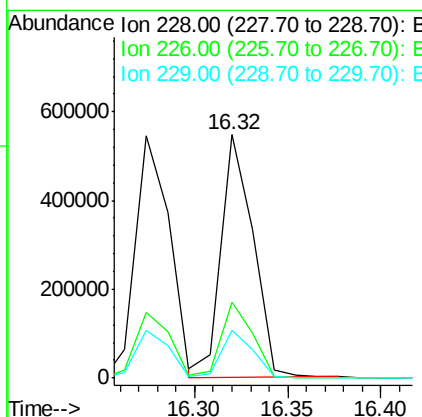
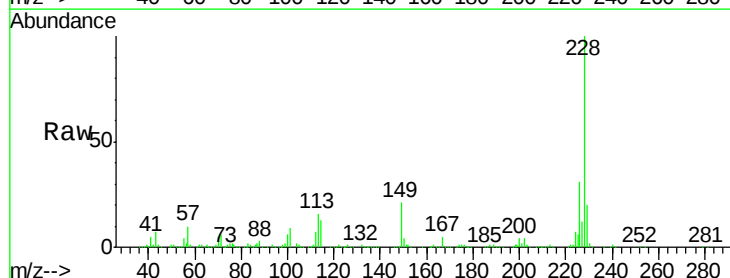
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83017BS

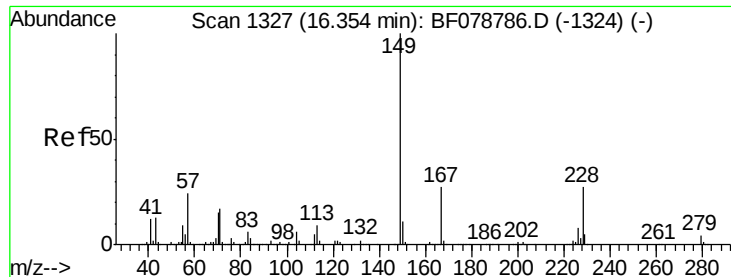
Tgt Ion:252 Resp: 171213  
 Ion Ratio Lower Upper  
 252 100  
 254 64.5 51.3 76.9  
 126 13.0 6.6 10.0#



#82  
 Chrysene  
 Concen: 39.82 ng  
 RT: 16.32 min Scan# 1324  
 Delta R.T. -0.01 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

Tgt Ion:228 Resp: 652858  
 Ion Ratio Lower Upper  
 228 100  
 226 31.1 24.9 37.3  
 229 19.9 16.0 24.0

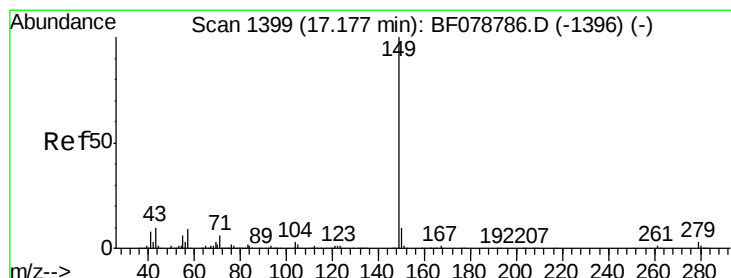
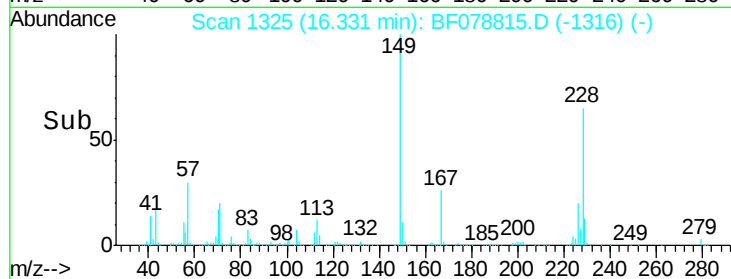
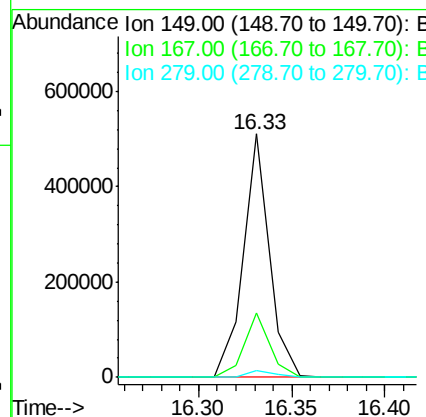
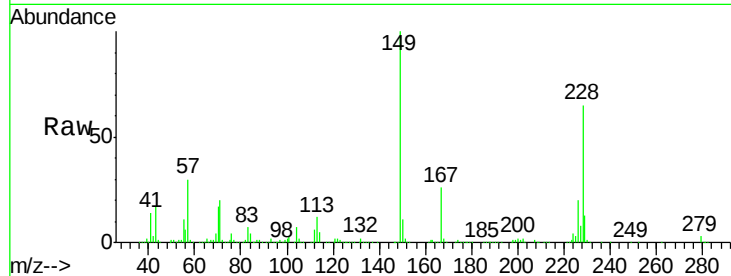




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.21 ng  
 RT: 16.33 min Scan# 1325  
 Delta R.T. -0.00 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

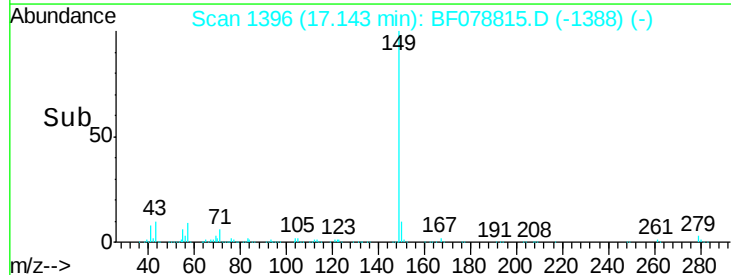
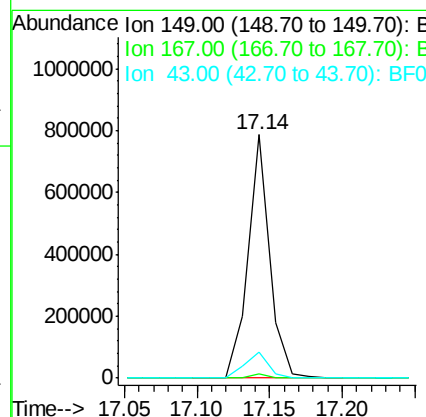
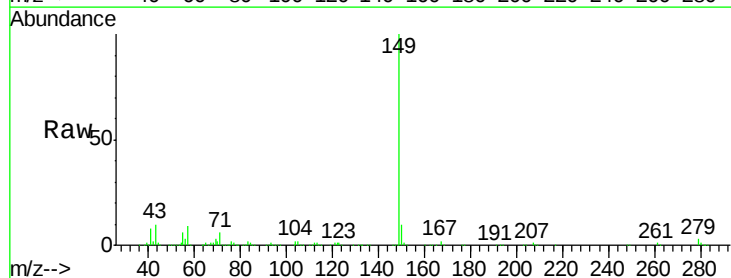
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83017BS

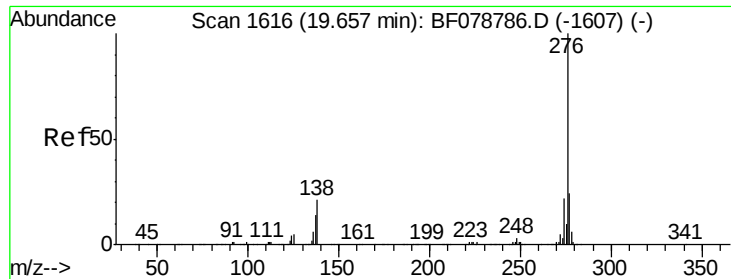
Tgt Ion:149 Resp: 498534  
 Ion Ratio Lower Upper  
 149 100  
 167 26.2 21.8 32.8  
 279 2.8 2.9 4.3#



#84  
 Di-n-octyl phthalate  
 Concen: 44.96 ng  
 RT: 17.14 min Scan# 1396  
 Delta R.T. -0.01 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

Tgt Ion:149 Resp: 813441  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 0.0 0.0#  
 43 11.6 0.0 0.0#

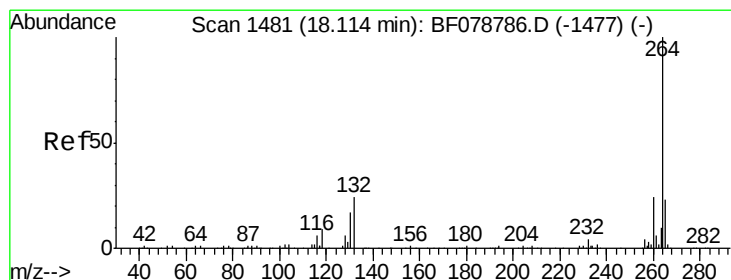
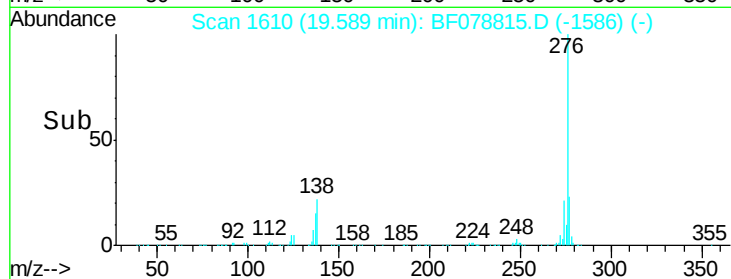
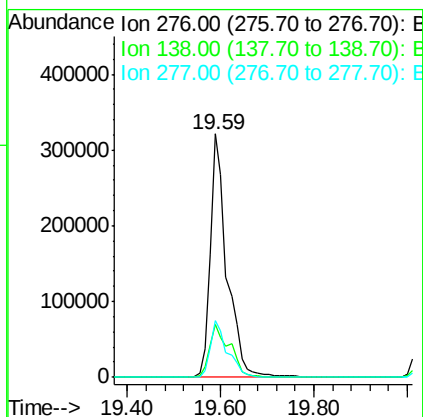
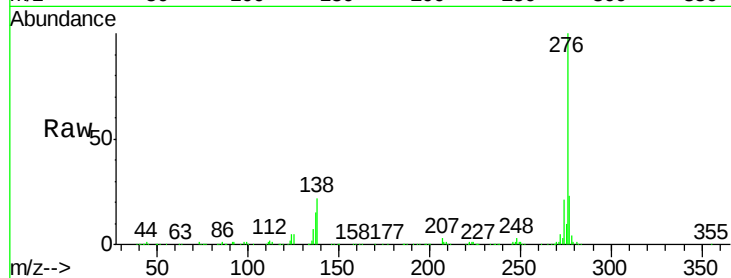




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.51 ng  
 RT: 19.59 min Scan# 1610  
 Delta R.T. -0.02 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

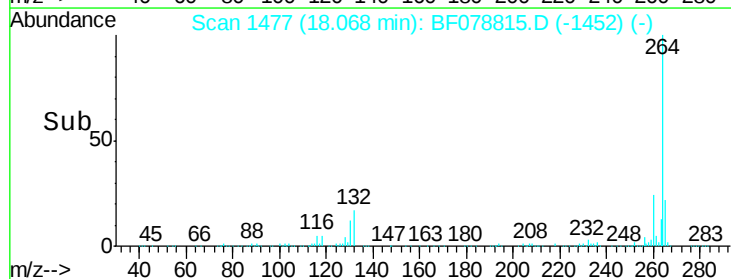
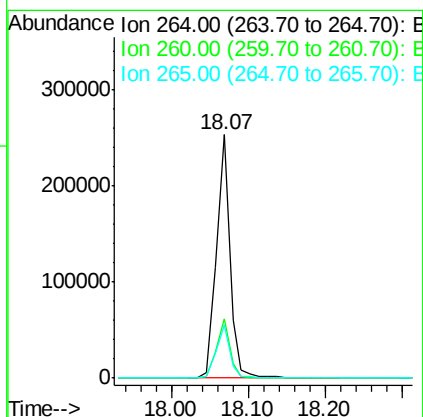
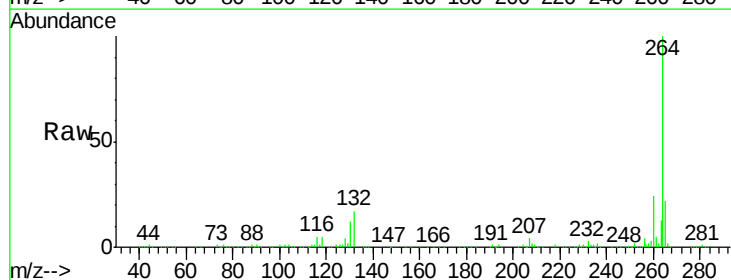
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB83017BS

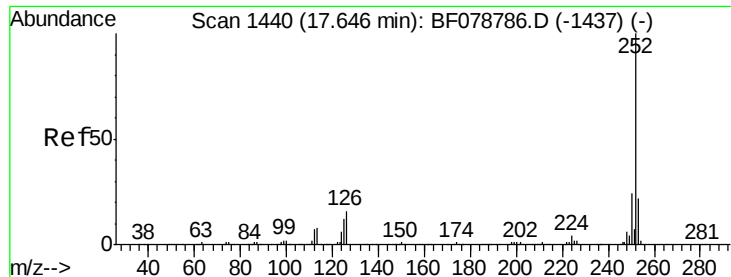
Tgt Ion:276 Resp: 809441  
 Ion Ratio Lower Upper  
 276 100  
 138 26.4 0.0 0.0#  
 277 24.5 0.0 0.0#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 18.07 min Scan# 1477  
 Delta R.T. -0.01 min  
 Lab File: BF078815.D  
 Acq: 29 Apr 2015 16:06

Tgt Ion:264 Resp: 312871  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.4 29.2  
 265 21.9 18.3 27.5

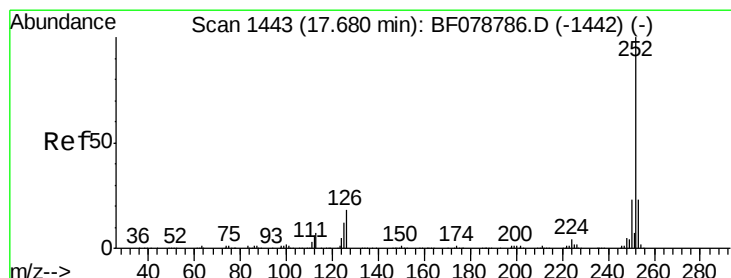
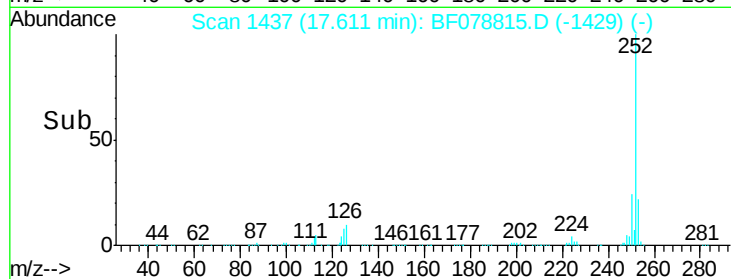
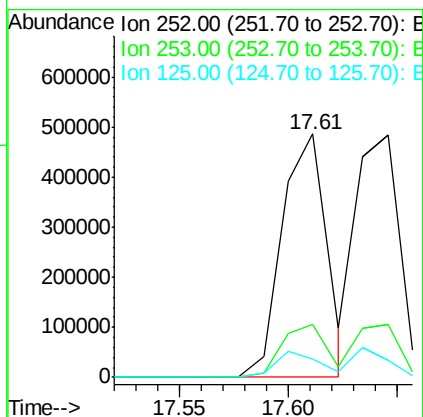
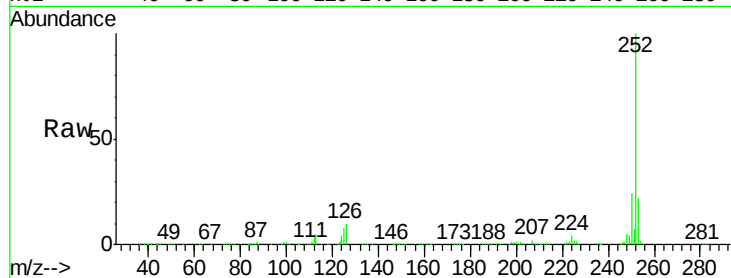




#87  
Benzo(b)fluoranthene  
Concen: 41.26 ng  
RT: 17.61 min Scan# 1437  
Delta R.T. -0.01 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

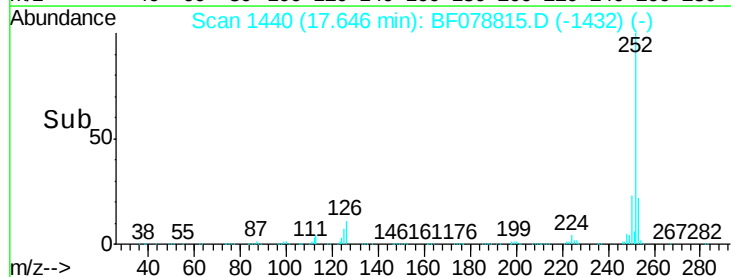
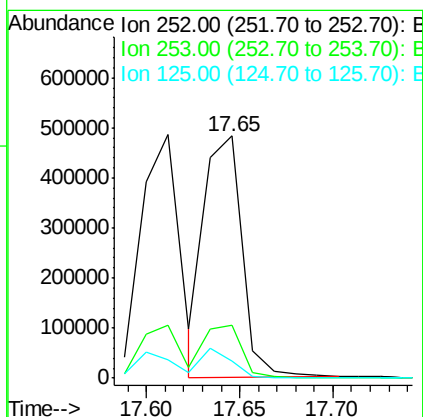
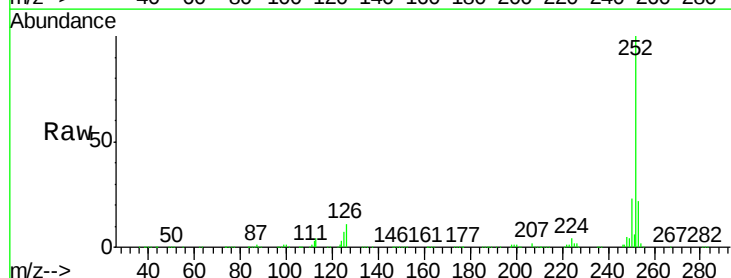
Instrument :  
BNA\_F  
ClientSampleId :  
PB83017BS

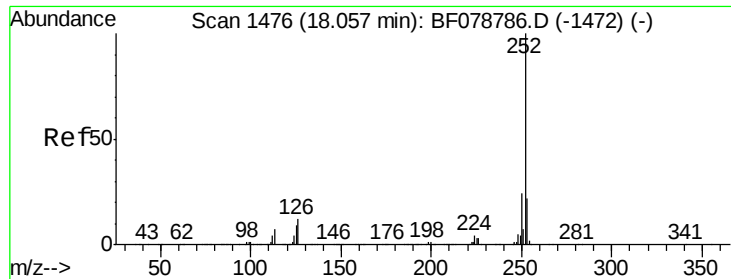
Tgt Ion: 252 Resp: 698743  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.7 26.5  
125 7.6 9.5 14.3#



#88  
Benzo(k)fluoranthene  
Concen: 41.29 ng  
RT: 17.65 min Scan# 1440  
Delta R.T. -0.01 min  
Lab File: BF078815.D  
Acq: 29 Apr 2015 16:06

Tgt Ion: 252 Resp: 677607  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.1 27.1  
125 7.0 10.0 15.0#





#89

Benzo(a)pyrene

Concen: 43.86 ng

RT: 18.00 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

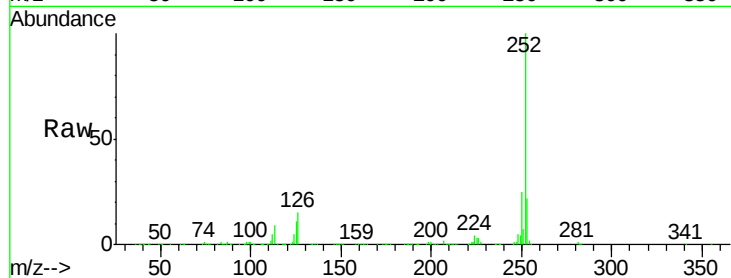
Tgt Ion:252 Resp: 664560

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

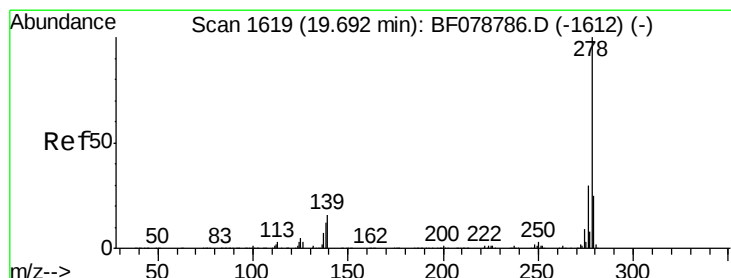
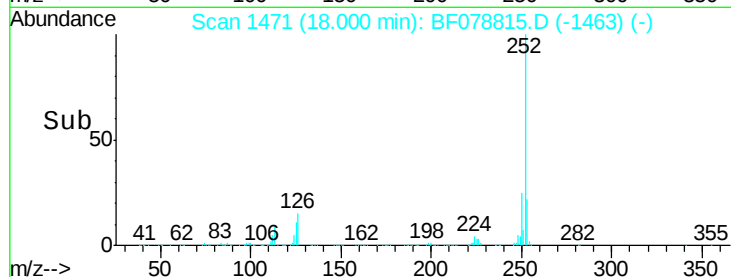
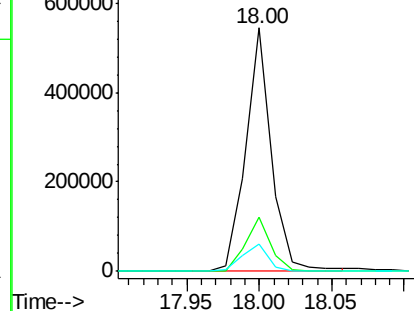
125 11.0 7.0 10.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.74 ng

RT: 19.62 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

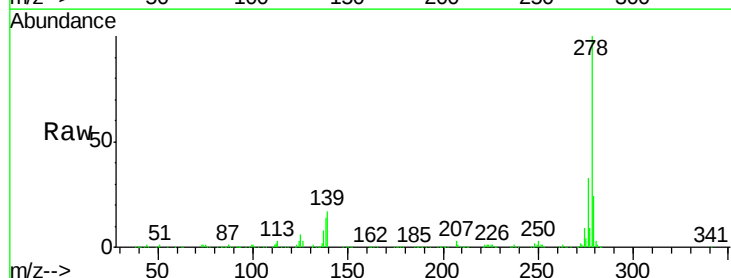
Tgt Ion:278 Resp: 655051

Ion Ratio Lower Upper

278 100

139 17.3 12.8 19.2

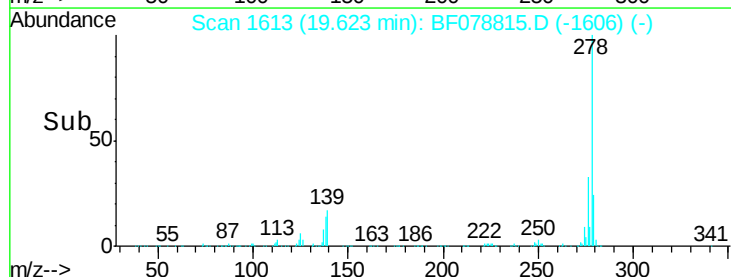
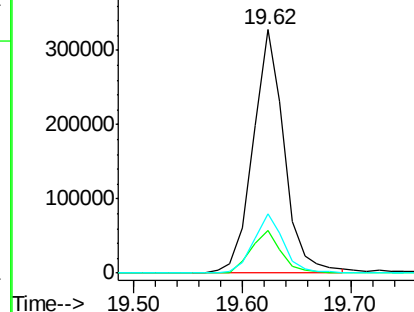
279 24.5 19.6 29.4

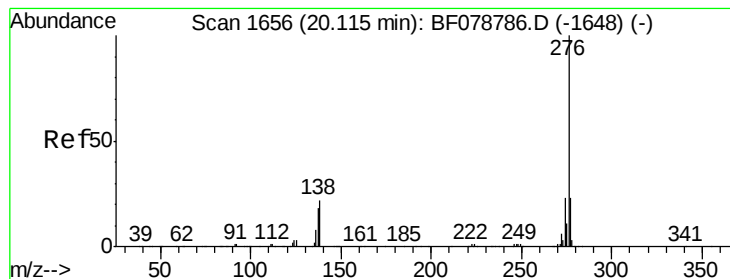


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.94 ng

RT: 20.05 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BF078815.D

Acq: 29 Apr 2015 16:06

Instrument :

BNA\_F

ClientSampleId :

PB83017BS

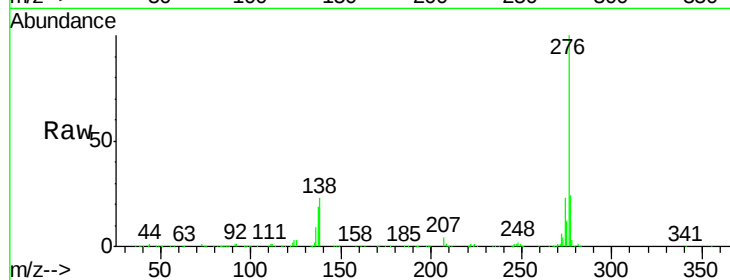
Tgt Ion: 276 Resp: 660709

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 22.7 17.4 26.0



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

