

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112115\  
 Data File : BF083143.D  
 Acq On : 22 Nov 2015 7:28  
 Operator : UM/IZ  
 Sample : G4505-04MSD  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 23 02:58:35 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Nov 22 09:22:46 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.65  | 152  | 202319   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 7.94  | 136  | 777222   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.69  | 164  | 399116   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.16 | 188  | 726743   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.79 | 240  | 595011   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.15 | 264  | 538131   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.27  | 112 | 1612908 | 120.53 | ng | -0.01 |
| 7) Phenol-d6                | 6.33  | 99  | 2302154 | 132.96 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.23  | 82  | 1446288 | 85.03  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol    | 10.48 | 330 | 450968  | 110.44 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.03  | 172 | 2225259 | 77.75  | ng | 0.00  |
| 78) Terphenyl-d14           | 12.75 | 244 | 2140930 | 84.73  | ng | -0.01 |

|                                |      |     |         |       |    |        |
|--------------------------------|------|-----|---------|-------|----|--------|
| Target Compounds               |      |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.22 | 88  | 238519  | 35.98 | ng | # 94   |
| 3) Pyridine                    | 2.91 | 79  | 702142  | 40.10 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.83 | 42  | 338102  | 41.87 | ng | 96     |
| 6) Aniline                     | 6.33 | 93  | 473770  | 22.39 | ng | # 22   |
| 8) 2-Chlorophenol              | 6.44 | 128 | 605259  | 41.86 | ng | 99     |
| 9) Benzaldehyde                | 6.19 | 77  | 440566  | 58.17 | ng | 93     |
| 10) Phenol                     | 6.34 | 94  | 881233  | 42.07 | ng | # 73   |
| 11) bis(2-Chloroethyl)ether    | 6.40 | 93  | 632228  | 42.27 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.82 | 146 | 558599  | 33.84 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.67 | 146 | 666869  | 39.93 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 6.82 | 146 | 568754  | 37.47 | ng | 95     |
| 15) Benzyl Alcohol             | 6.82 | 79  | 608892  | 42.08 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 6.95 | 45  | 1063735 | 45.61 | ng | 77     |
| 17) 2-Methylphenol             | 6.95 | 107 | 509866  | 42.62 | ng | 98     |
| 18) Hexachloroethane           | 7.16 | 117 | 232104  | 39.46 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 7.08 | 70  | 501259  | 41.60 | ng | 100    |
| 20) 3+4-Methylphenols          | 7.10 | 107 | 686274  | 45.38 | ng | 94     |
| 22) Acetophenone               | 7.07 | 105 | 895049  | 40.11 | ng | # 99   |
| 24) Nitrobenzene               | 7.24 | 77  | 732388  | 40.30 | ng | 99     |
| 25) Isophorone                 | 7.50 | 82  | 1353612 | 42.03 | ng | 99     |
| 26) 2-Nitrophenol              | 7.56 | 139 | 340347  | 42.42 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.62 | 122 | 537040  | 41.94 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.71 | 93  | 788712  | 42.12 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.82 | 162 | 553043  | 45.41 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.88 | 180 | 528859  | 39.53 | ng | 97     |
| 31) Naphthalene                | 7.96 | 128 | 1719903 | 41.00 | ng | 98     |
| 32) Benzoic acid               | 7.74 | 122 | 66705   | 6.70  | ng | 95     |
| 33) 4-Chloroaniline            | 8.02 | 127 | 188831  | 11.60 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.09 | 225 | 315057  | 39.85 | ng | 98     |
| 35) Caprolactam                | 8.47 | 113 | 37475   | 9.60  | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 8.52 | 107 | 606588  | 43.00 | ng | 89     |
| 37) 2-Methylnaphthalene        | 8.65 | 142 | 1103704 | 40.54 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.82 | 216 | 497998  | 38.50 | ng | # 97   |
| 40) Hexachlorocyclopentadiene  | 8.81 | 237 | 500610  | 68.06 | ng | 97     |

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 ALS Vial : 33 Sample Multiplier: 1

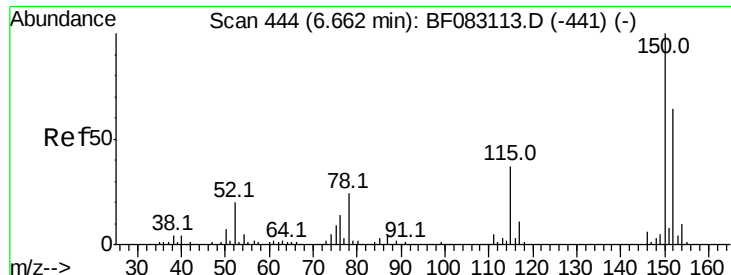
Instrument :  
 BNA\_F  
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Quant Time: Nov 23 02:58:35 2015  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.95  | 196  | 380570   | 41.08 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 8.99  | 196  | 389535   | 41.12 | nq    | 98       |
| 45) 1,1'-Biphenyl              | 9.12  | 154  | 1302345  | 38.34 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 9.14  | 162  | 1079805  | 40.47 | nq    | 95       |
| 47) 2-Nitroaniline             | 9.24  | 65   | 383916   | 40.68 | nq    | 99       |
| 48) Acenaphthylene             | 9.55  | 152  | 1623402  | 39.26 | nq    | 99       |
| 49) Dimethylphthalate          | 9.44  | 163  | 1647330  | 53.61 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.48  | 165  | 274179   | 39.77 | nq    | 96       |
| 51) Acenaphthene               | 9.72  | 154  | 981402   | 39.00 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.66  | 138  | 143206   | 19.48 | nq    | # 65     |
| 53) 2,4-Dinitrophenol          | 9.76  | 184  | 183013   | 46.07 | nq    | 94       |
| 54) Dibenzofuran               | 9.90  | 168  | 1396615  | 39.25 | nq    | 96       |
| 55) 4-Nitrophenol              | 9.85  | 139  | 424672   | 75.34 | nq    | 96       |
| 56) 2,4-Dinitrotoluene         | 9.88  | 165  | 358186   | 41.00 | nq    | 93       |
| 57) Fluorene                   | 10.24 | 166  | 1176874  | 40.02 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.02 | 232  | 320188   | 41.20 | nq    | 99       |
| 59) Diethylphthalate           | 10.14 | 149  | 1270439  | 41.54 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.24 | 204  | 529047   | 39.28 | nq    | # 80     |
| 61) 4-Nitroaniline             | 10.27 | 138  | 267031   | 36.90 | nq    | 90       |
| 62) Azobenzene                 | 10.39 | 77   | 1426893  | 40.87 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.30 | 198  | 197339   | 39.41 | nq    | 80       |
| 65) n-Nitrosodiphenylamine     | 10.35 | 169  | 959272   | 38.81 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.72 | 248  | 335480   | 41.60 | nq    | # 90     |
| 67) Hexachlorobenzene          | 10.78 | 284  | 356144   | 40.10 | nq    | # 87     |
| 68) Atrazine                   | 10.89 | 200  | 308020   | 42.91 | nq    | 99       |
| 69) Pentachlorophenol          | 10.98 | 266  | 414809   | 71.71 | nq    | 99       |
| 70) Phenanthrene               | 11.19 | 178  | 1599414  | 38.20 | nq    | 99       |
| 71) Anthracene                 | 11.24 | 178  | 1823520  | 42.69 | nq    | 99       |
| 72) Carbazole                  | 11.40 | 167  | 1607361  | 42.33 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.75 | 149  | 1942595  | 41.91 | nq    | 99       |
| 74) Fluoranthene               | 12.37 | 202  | 1705102  | 39.79 | nq    | 98       |
| 76) Benzidine                  | 12.50 | 184  | 739459   | 47.42 | nq    | 99       |
| 77) Pyrene                     | 12.59 | 202  | 1610664  | 39.62 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.23 | 149  | 839868   | 43.66 | nq    | 97       |
| 80) Benzo(a)anthracene         | 13.78 | 228  | 1510889  | 41.06 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.75 | 252  | 348776   | 27.23 | nq    | # 97     |
| 82) Chrysene                   | 13.82 | 228  | 1196487  | 35.06 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.79 | 149  | 1098790  | 43.73 | nq    | 97       |
| 84) Di-n-octyl phthalate       | 14.40 | 149  | 1850810  | 42.79 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.42 | 276  | 1275381  | 41.09 | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 14.81 | 252  | 2564246  | 69.74 | nq    | # 97     |
| 88) Benzo(k)fluoranthene       | 14.81 | 252  | 2564246  | 93.60 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.10 | 252  | 1210473  | 39.88 | nq    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 16.43 | 278  | 1077690  | 39.08 | nq    | 100      |
| 91) Benzo(g,h,i)perylene       | 16.80 | 276  | 1044723  | 38.81 | nq    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampled :

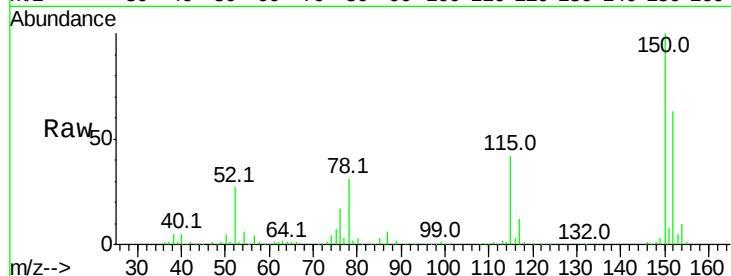
Tot Ion:152 Resp: 202319

Ion Ratio Lower Upper

152 100

150 158.5 125.8 188.8

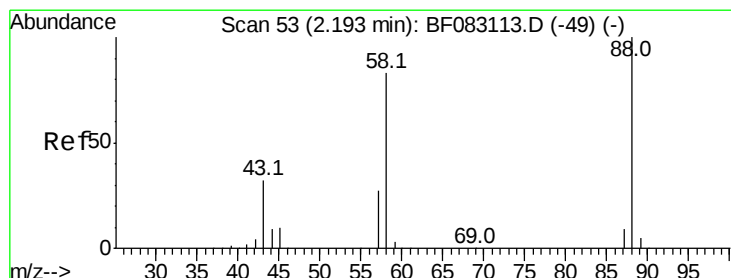
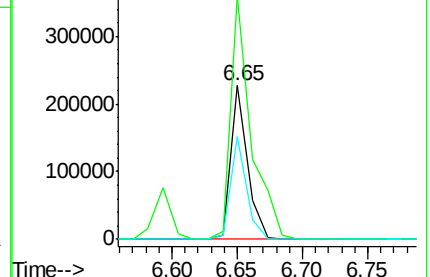
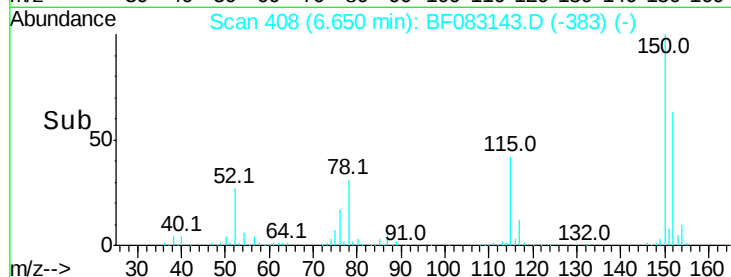
115 66.6 46.9 70.3



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: 35.98 ng

RT: 2.22 min Scan# 20

Delta R.T. 0.02 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

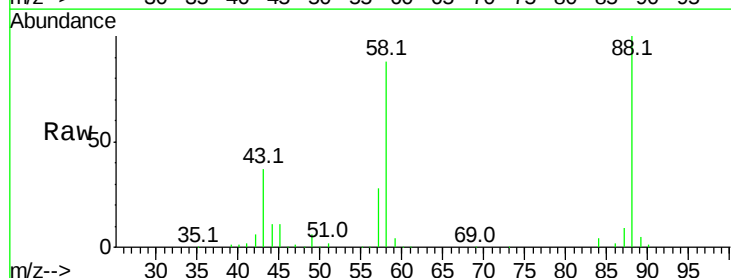
Tgt Ion: 88 Resp: 238519

Ion Ratio Lower Upper

88 100

58 84.4 65.0 97.6

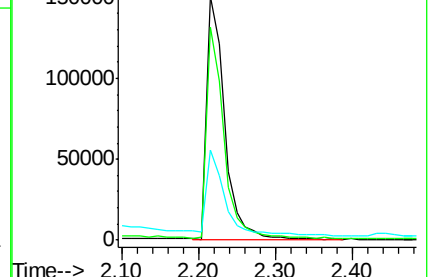
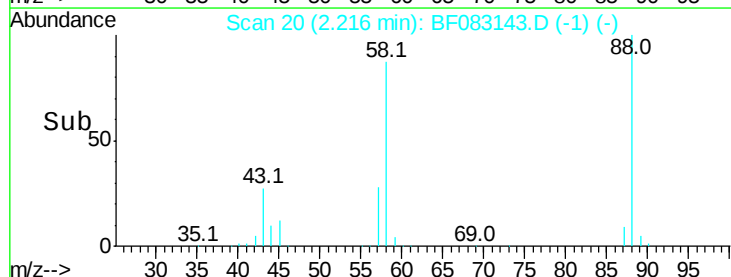
43 38.7 24.7 37.1#

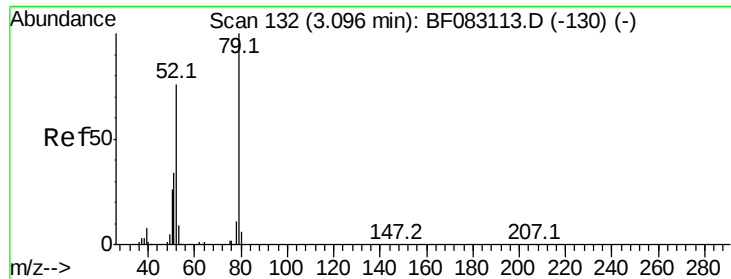


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

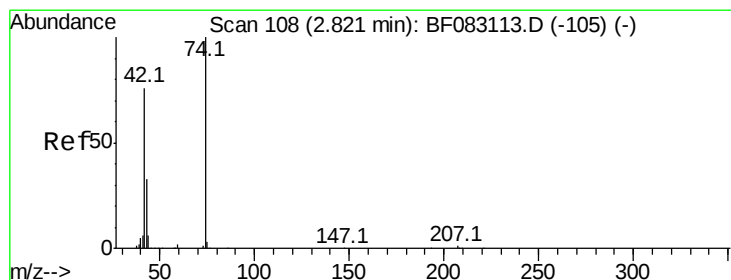
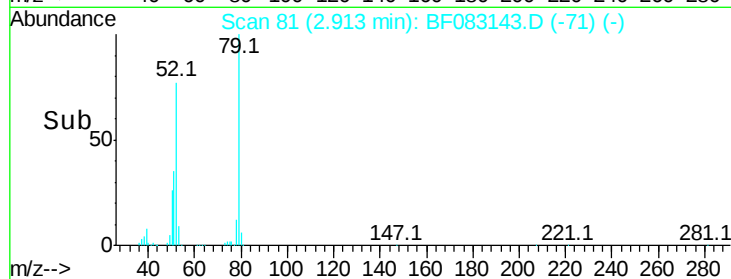
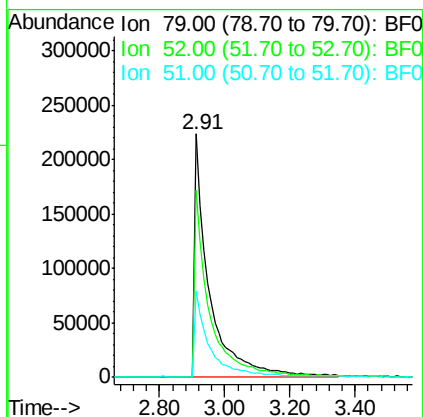
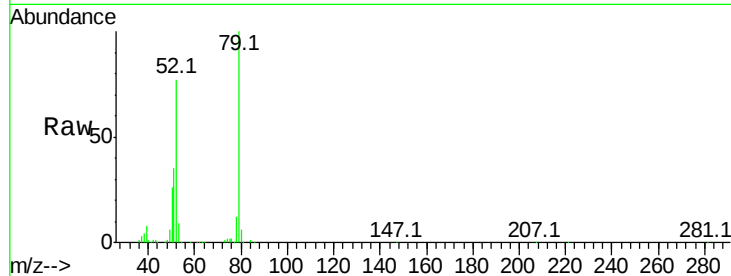




#3  
 Pvridine  
 Concen: 40.10 ng  
 RT: 2.91 min Scan# 81  
 Delta R.T. -0.18 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

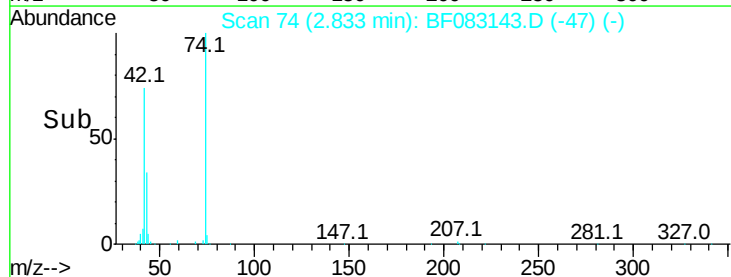
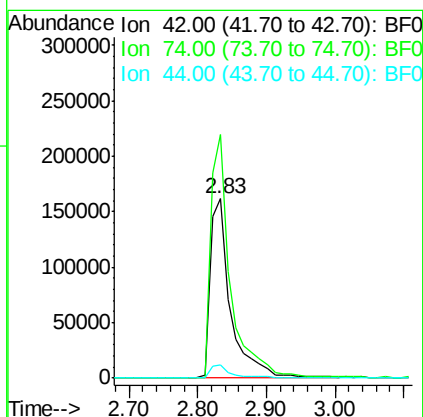
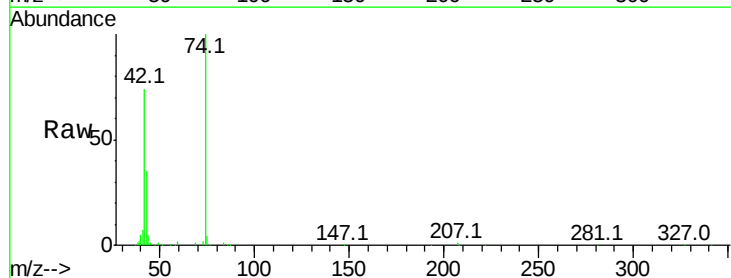
Instrument :  
 BNA\_F  
 ClientSampleId :

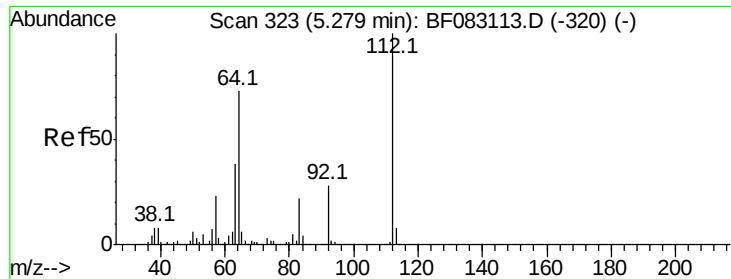
Tot Ion: 79 Resp: 702142  
 Ion Ratio Lower Upper  
 79 100  
 52 76.9 60.7 91.1  
 51 35.3 27.9 41.9



#4  
 n-Nitrosodimethylamine  
 Concen: 41.87 ng  
 RT: 2.83 min Scan# 74  
 Delta R.T. 0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Tgt Ion: 42 Resp: 338102  
 Ion Ratio Lower Upper  
 42 100  
 74 135.8 104.8 157.2  
 44 7.1 6.2 9.4





#5

2-Fluorophenol

Concen: 120.53 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

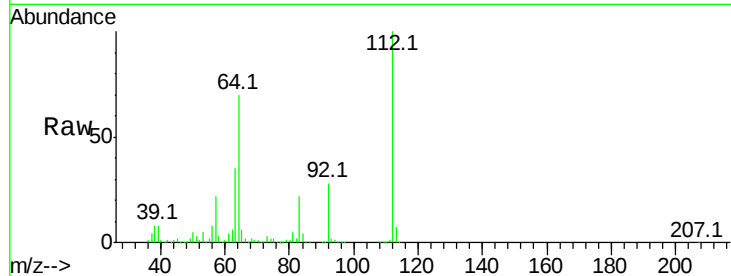
Tot Ion:112 Resp: 1612908

Ion Ratio Lower Upper

112 100

64 70.4 58.4 87.6

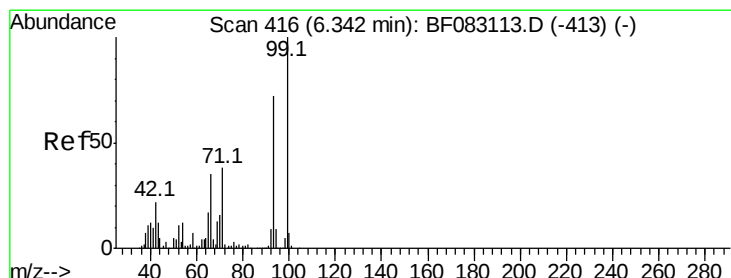
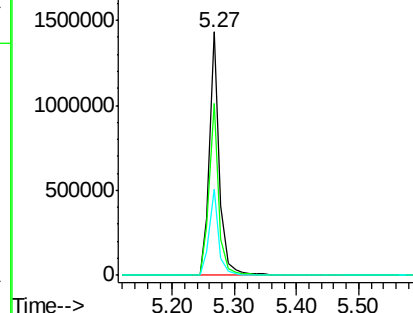
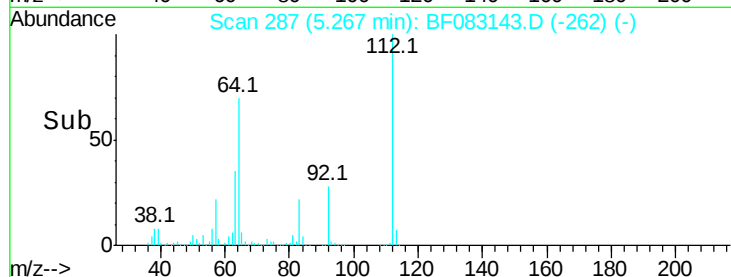
63 35.4 30.0 45.0



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: 22.39 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

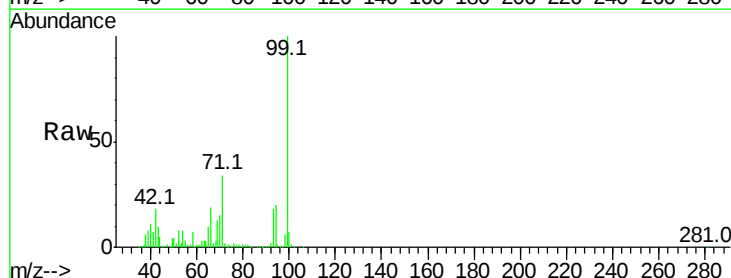
Tgt Ion: 93 Resp: 473770

Ion Ratio Lower Upper

93 100

66 103.4 38.7 58.1#

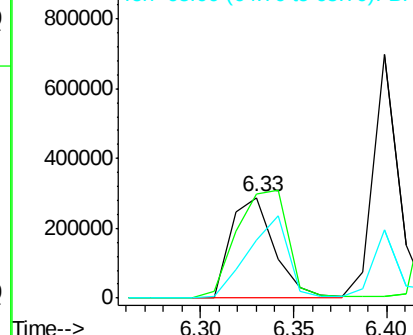
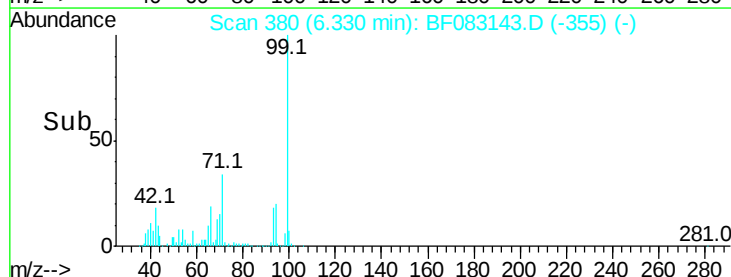
65 57.3 18.6 27.8#

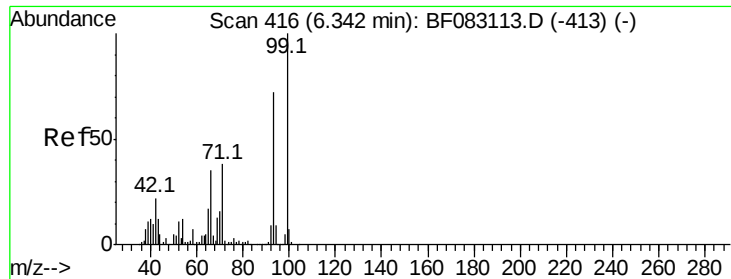


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.96 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

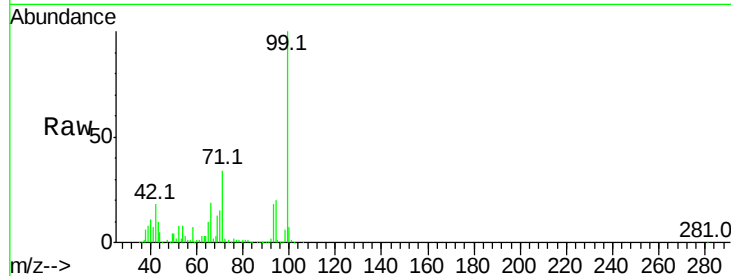
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 99 Resp: 2302154

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.1  | 17.7  | 26.5  |
| 71  | 34.0  | 30.2  | 45.4  |

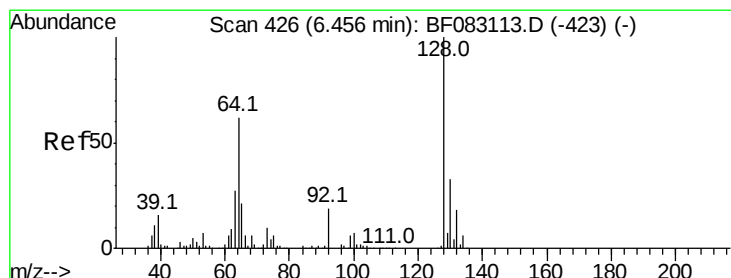
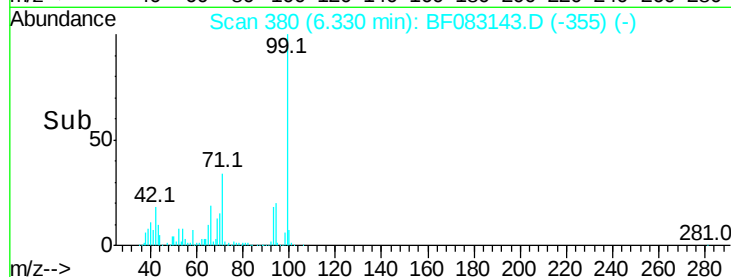
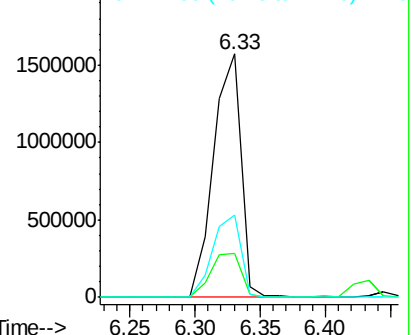


Abundance

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: 41.86 ng

RT: 6.44 min Scan# 390

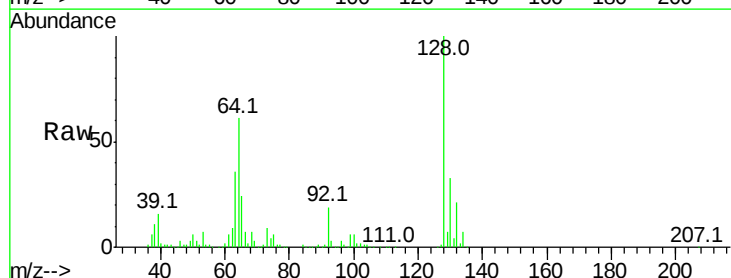
Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Tgt Ion:128 Resp: 605259

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.3  | 12.6  | 52.6  |
| 64  | 60.7  | 41.9  | 81.9  |

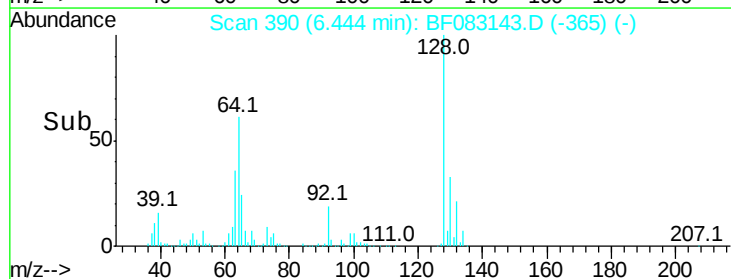
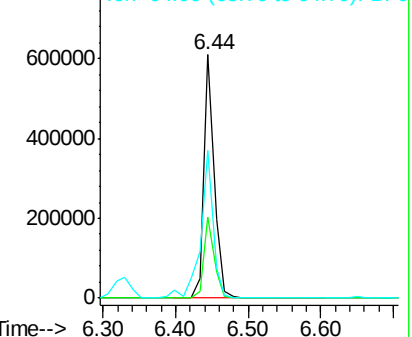


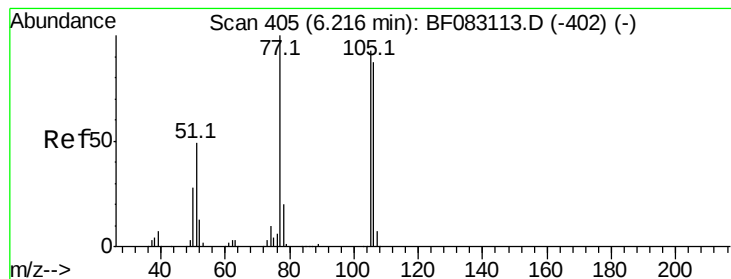
Abundance

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: 58.17 ng

RT: 6.19 min Scan# 368

Delta R.T. -0.02 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

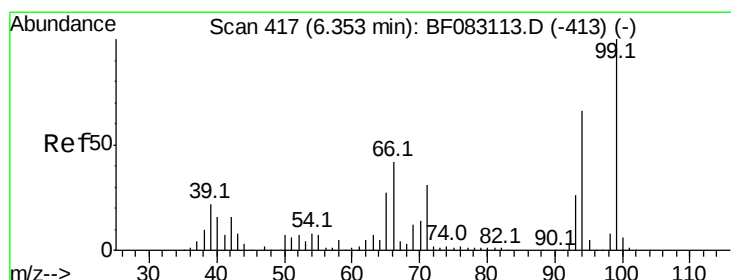
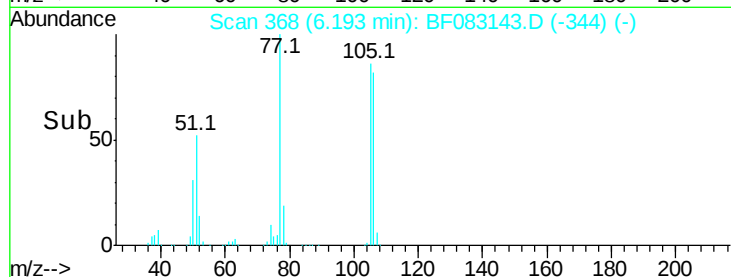
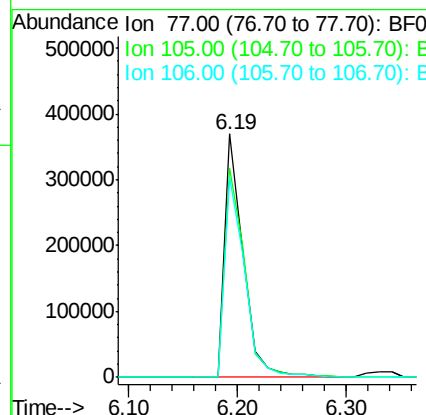
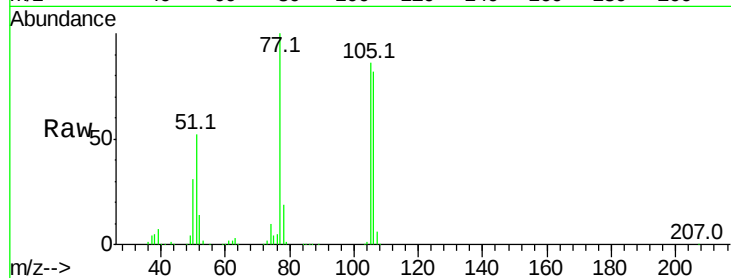
Tot Ion: 77 Resp: 440566

Ion Ratio Lower Upper

77 100

105 85.6 73.4 113.4

106 81.9 67.5 107.5



#10

Phenol

Concen: 42.07 ng

RT: 6.34 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

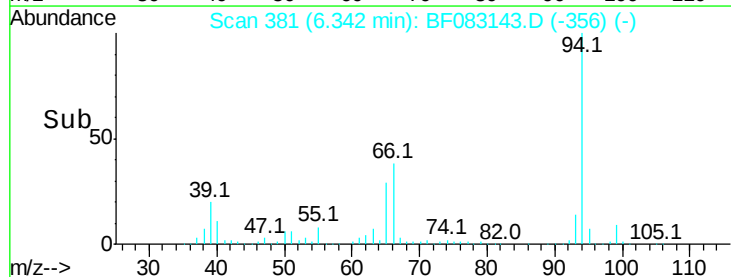
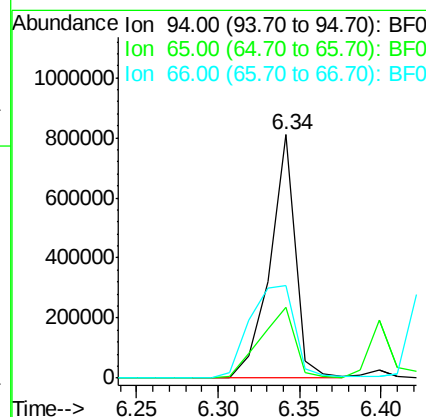
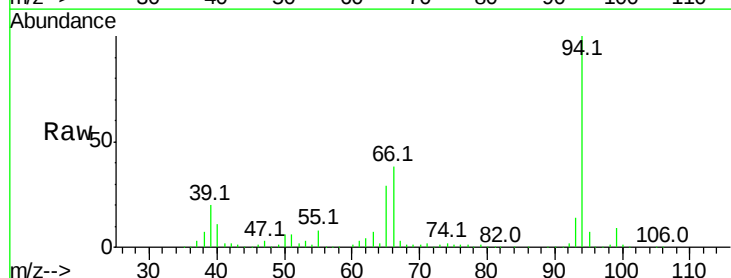
Tgt Ion: 94 Resp: 881233

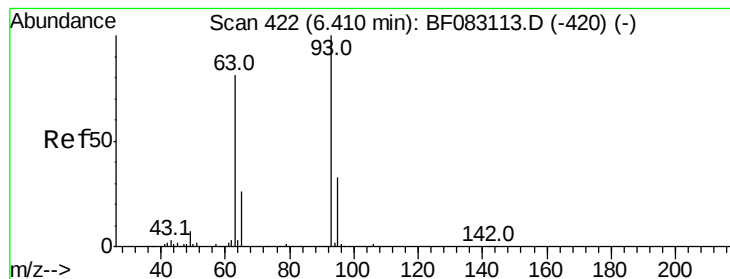
Ion Ratio Lower Upper

94 100

65 29.0 21.1 61.1

66 38.2 43.1 83.1#





#11

bis(2-Chloroethyl)ether

Concen: 42.27 ng

RT: 6.40 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

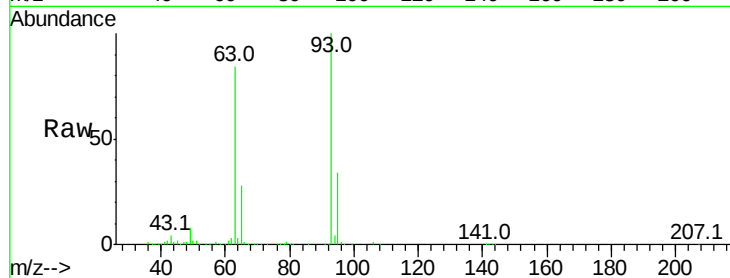
Tot Ion: 93 Resp: 632228

Ion Ratio Lower Upper

93 100

63 83.9 59.8 99.8

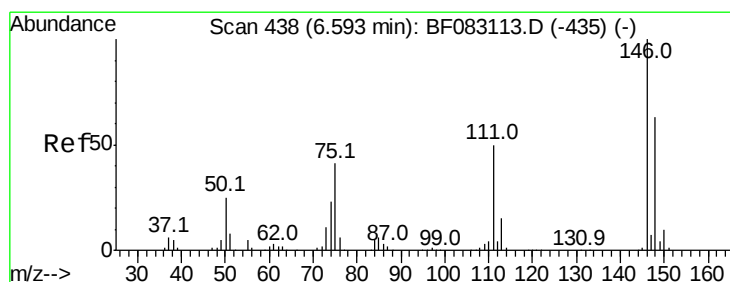
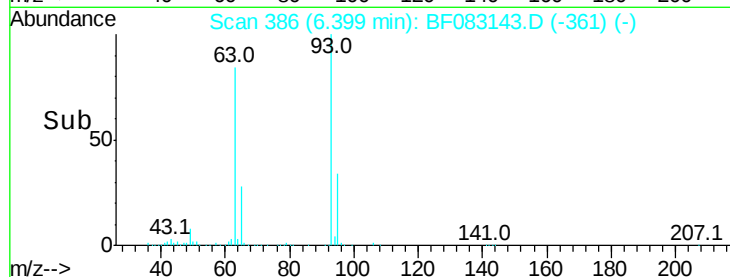
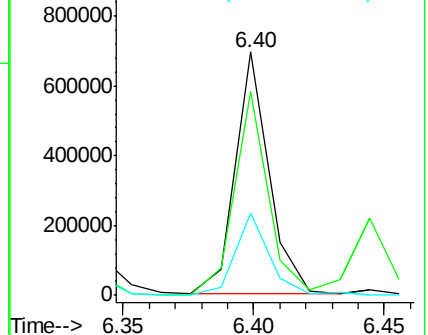
95 33.6 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 33.84 ng

RT: 6.82 min Scan# 423

Delta R.T. 0.23 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

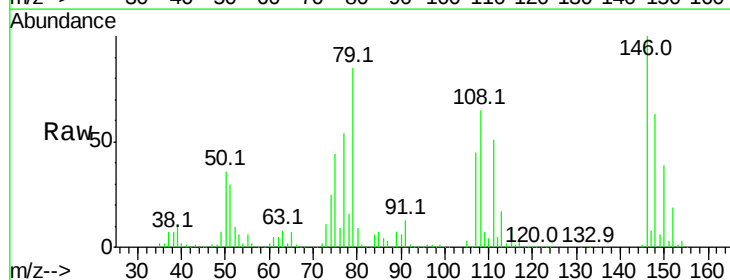
Tgt Ion: 146 Resp: 558599

Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.2

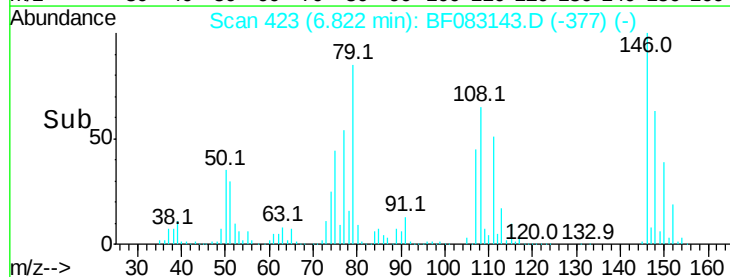
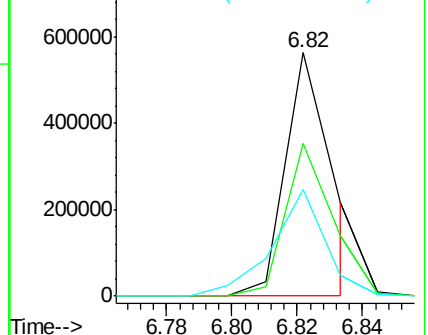
75 43.7 32.7 49.1

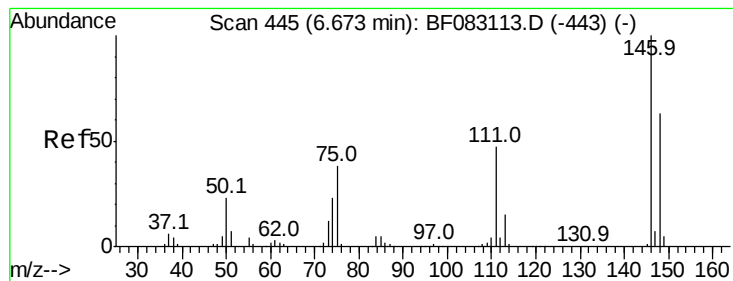


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.93 ng

RT: 6.67 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

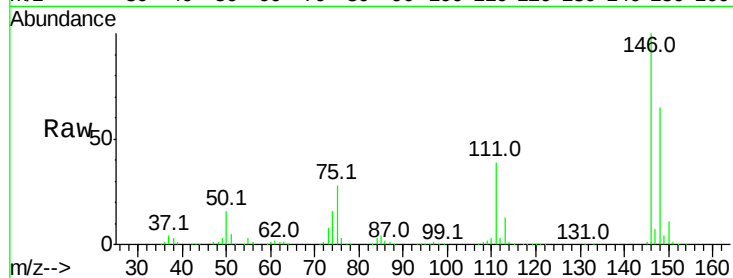
Tot Ion:146 Resp: 666869

Ion Ratio Lower Upper

146 100

148 64.8 50.2 75.2

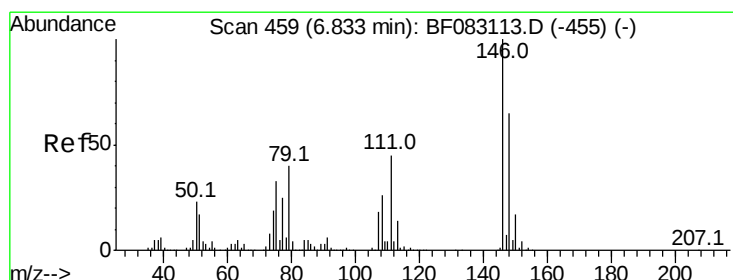
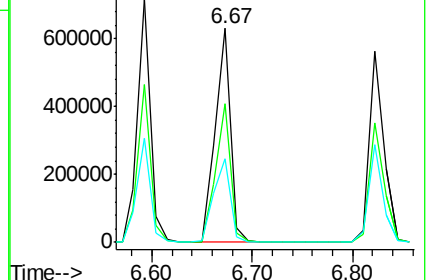
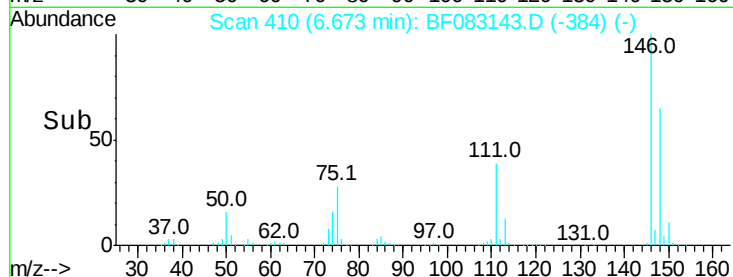
111 39.4 37.5 56.3



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: 37.47 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

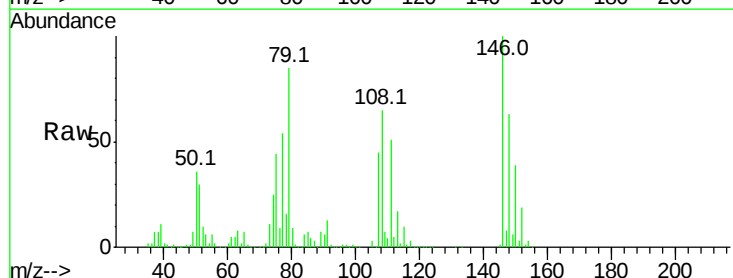
Tgt Ion:146 Resp: 568754

Ion Ratio Lower Upper

146 100

148 62.8 51.8 77.6

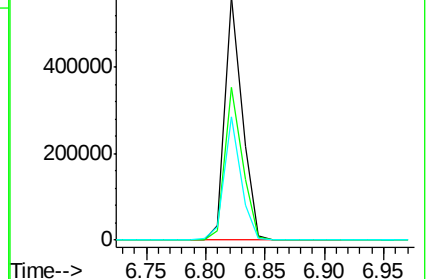
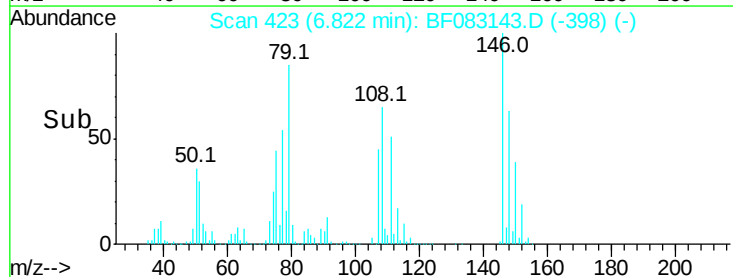
111 50.9 36.2 54.4

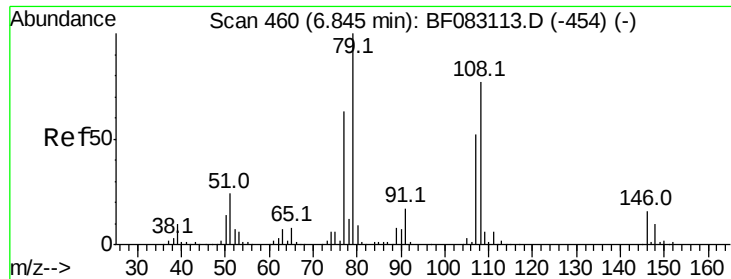


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.08 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

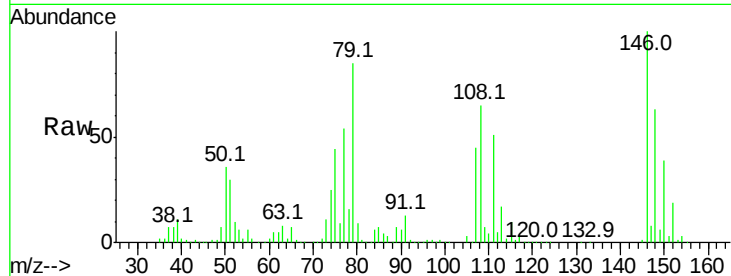
Tot Ion: 79 Resp: 608892

Ion Ratio Lower Upper

79 100

108 76.5 61.4 92.2

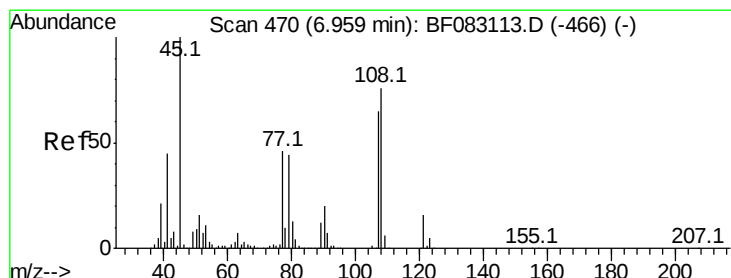
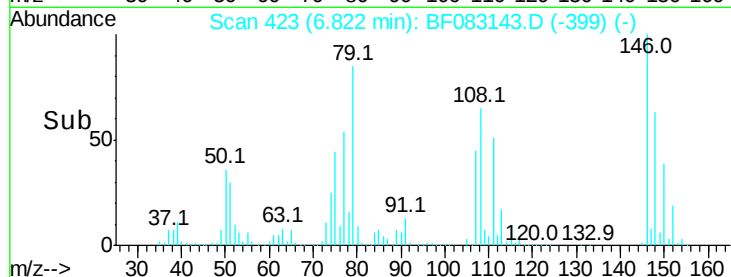
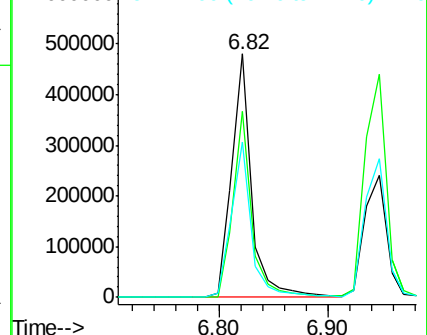
77 63.6 50.5 75.7



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: 45.61 ng

RT: 6.95 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

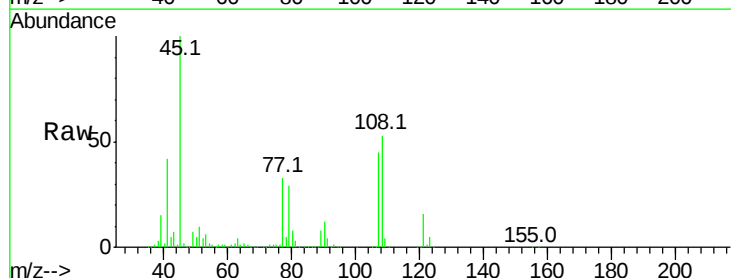
Tgt Ion: 45 Resp: 1063735

Ion Ratio Lower Upper

45 100

77 32.5 26.7 66.7

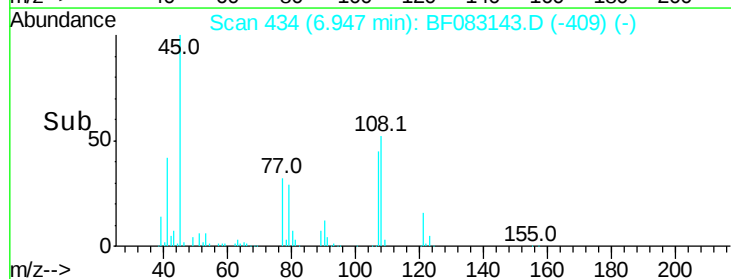
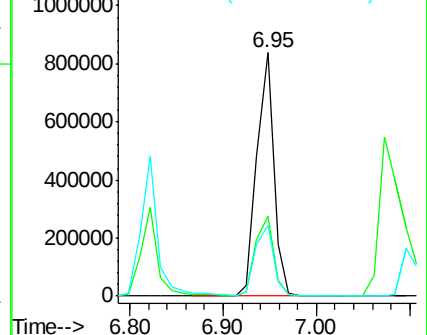
79 28.9 24.3 64.3

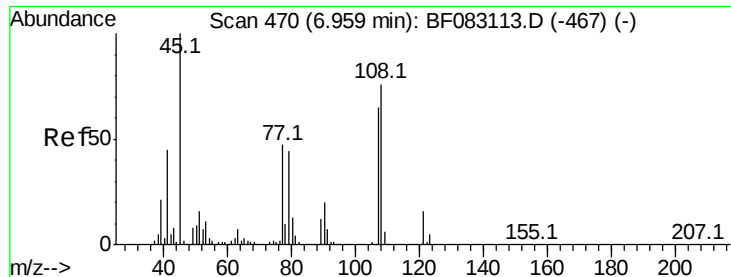


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.62 ng

RT: 6.95 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:107 Resp: 509866

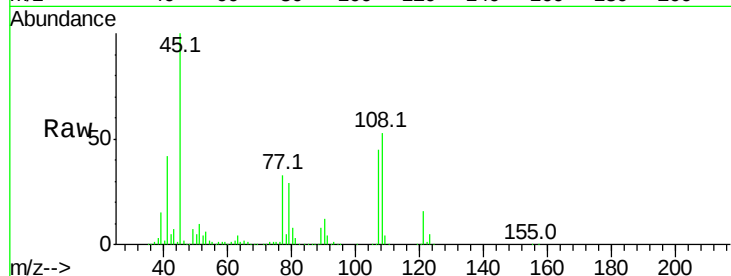
Ion Ratio Lower Upper

107 100

108 117.8 93.8 140.6

77 72.9 57.4 86.0

79 64.7 54.4 81.6

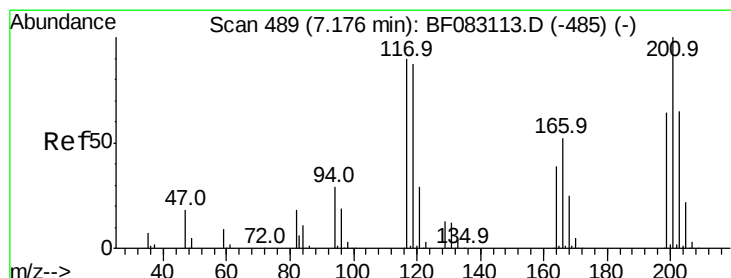
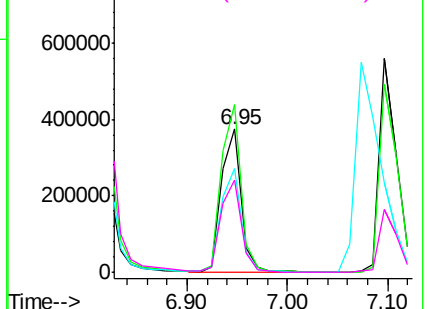
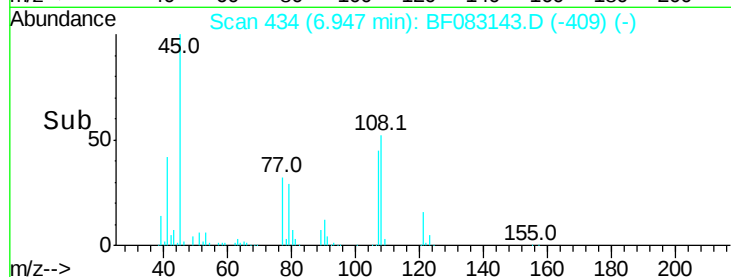


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.46 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

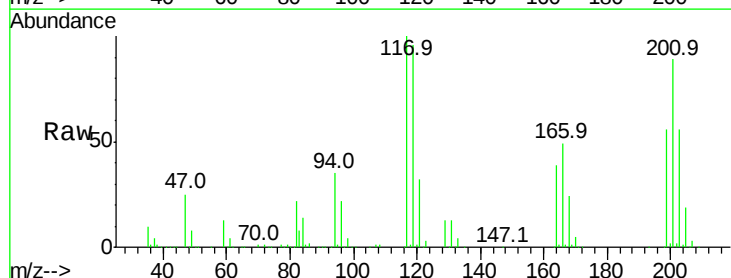
Tgt Ion:117 Resp: 232104

Ion Ratio Lower Upper

117 100

119 96.4 76.8 115.2

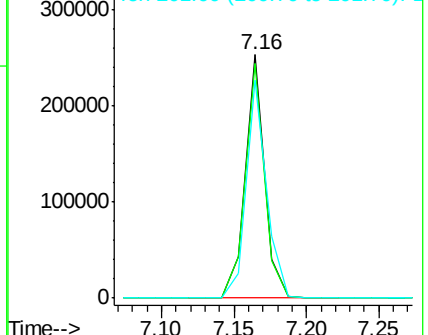
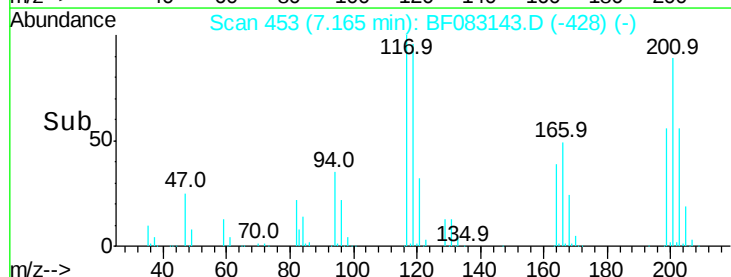
201 89.3 88.6 133.0

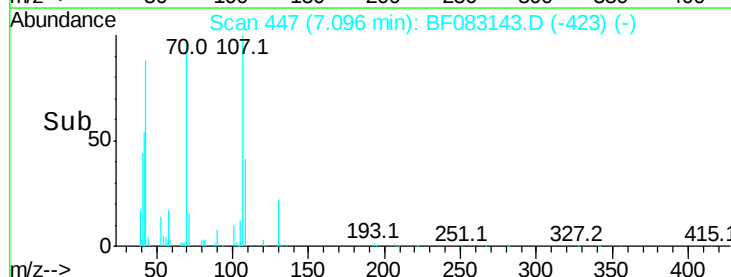
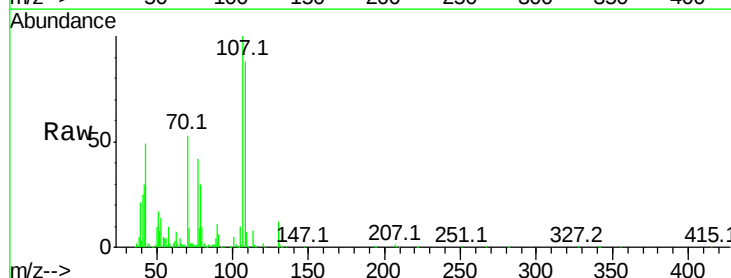
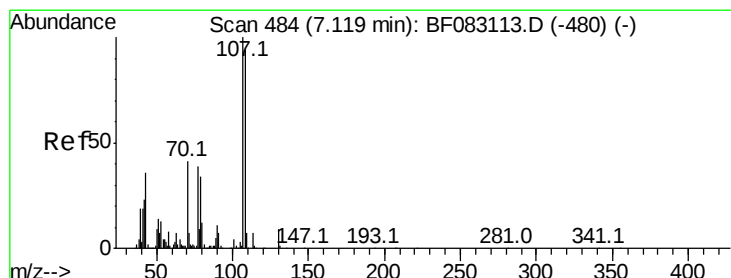
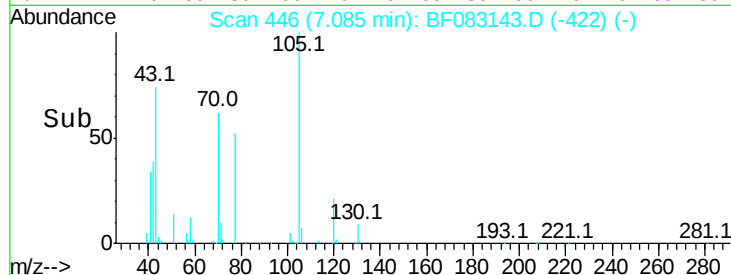
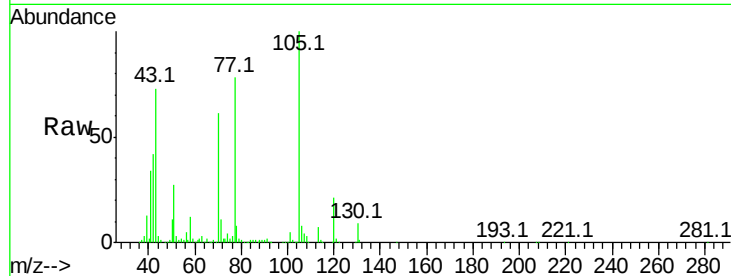
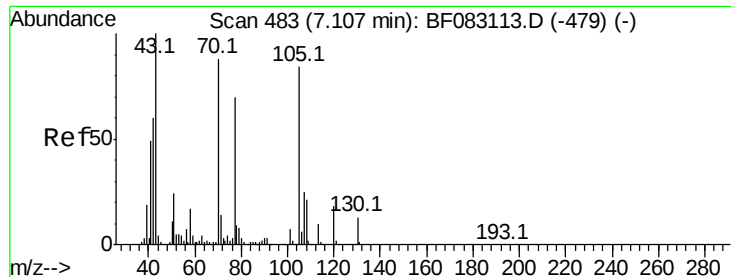


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

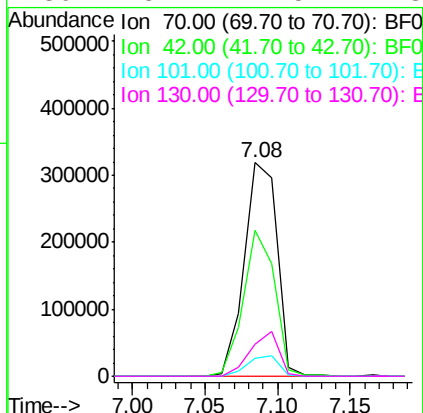




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.60 ng  
RT: 7.08 min Scan# 446  
Delta R.T. -0.02 min  
Lab File: BF083143.D  
Acq: 22 Nov 2015 7:28

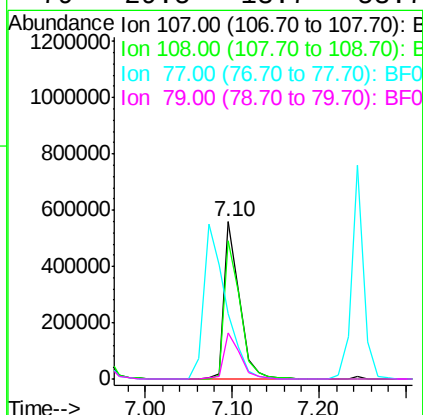
Instrument :  
BNA\_F  
ClientSampled :

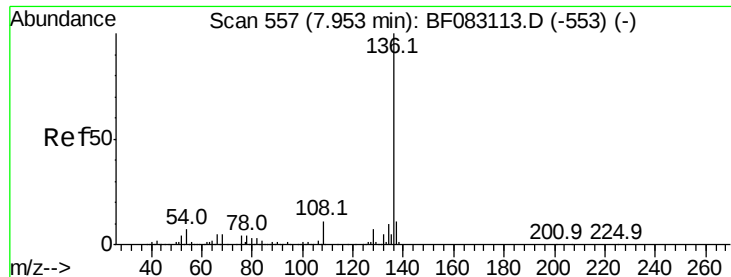
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 501259 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 68.2  | 54.5  | 81.7   |
| 101      | 8.3   | 6.6   | 9.8    |
| 130      | 15.1  | 11.5  | 17.3   |



#20  
3+4-Methylphenols  
Concen: 45.38 ng  
RT: 7.10 min Scan# 447  
Delta R.T. -0.02 min  
Lab File: BF083143.D  
Acq: 22 Nov 2015 7:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 686274 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.0  | 73.8  | 113.8  |
| 77       | 41.8  | 19.1  | 59.1   |
| 79       | 29.5  | 13.7  | 53.7   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 777222

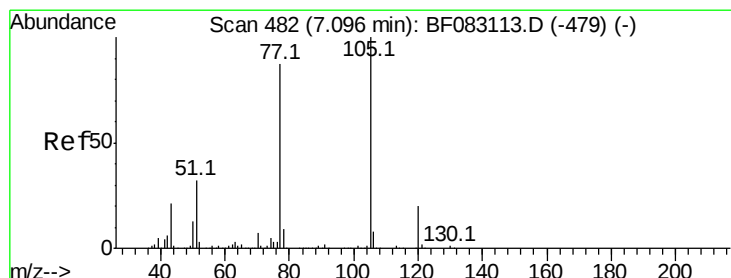
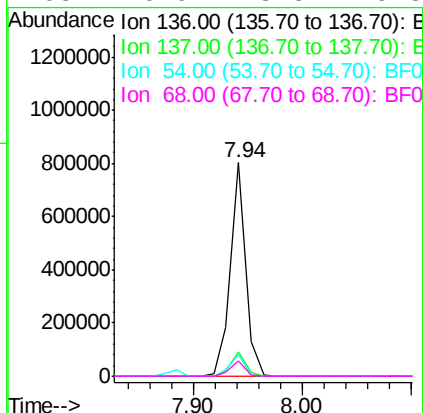
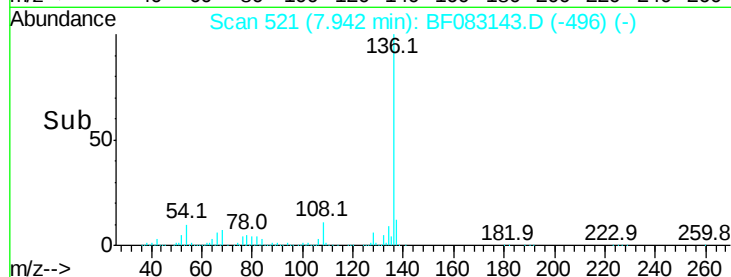
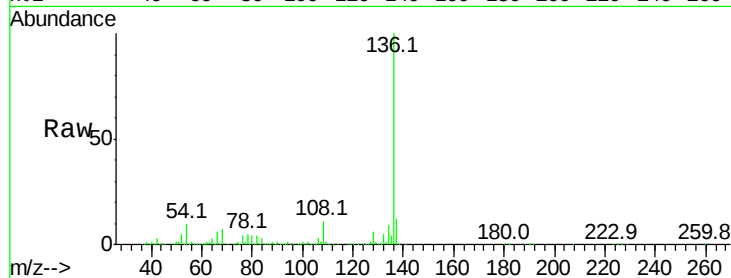
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.1 5.8 8.6#

68 6.9 3.8 5.8#



#22

Acetophenone

Concen: 40.11 ng

RT: 7.07 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Tgt Ion:105 Resp: 895049

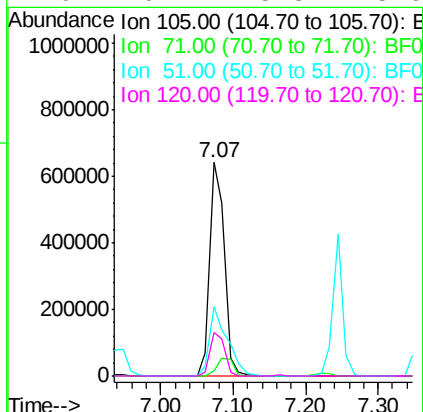
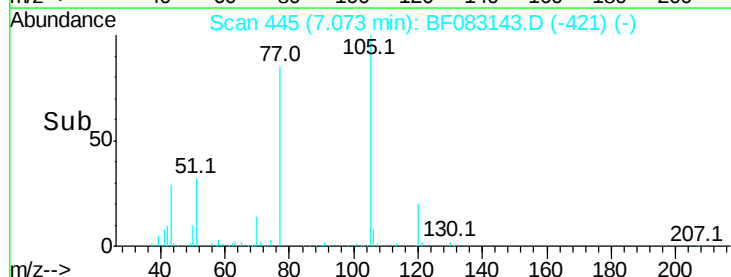
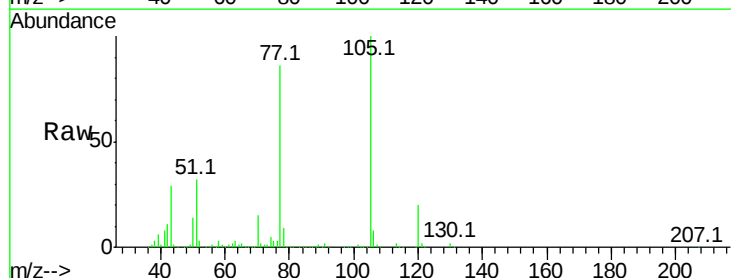
Ion Ratio Lower Upper

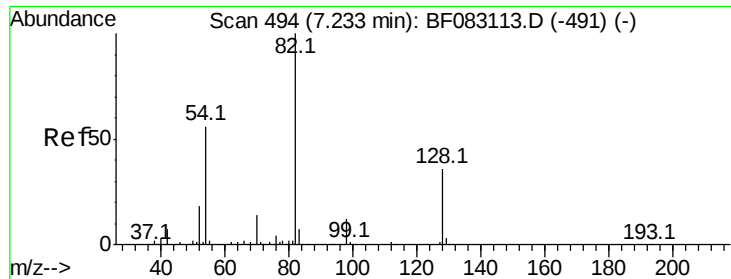
105 100

71 2.4 1.0 1.4#

51 32.3 25.6 38.4

120 20.1 15.8 23.6

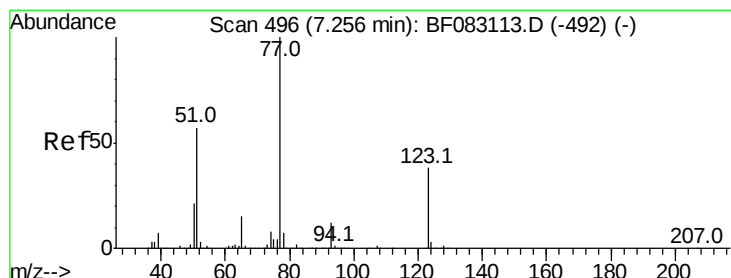
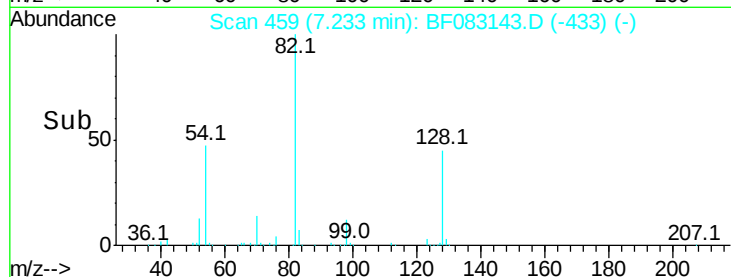
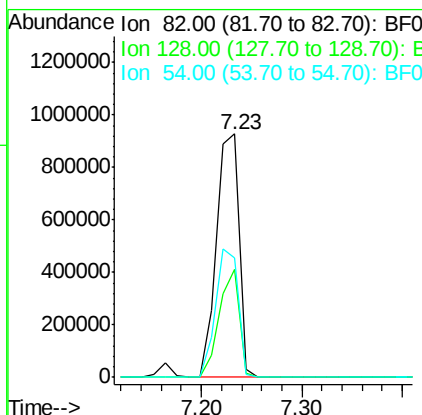
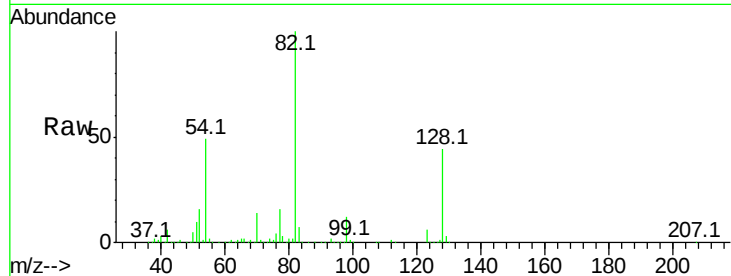




#23  
 Nitrobenzene-d5  
 Concen: 85.03 ng  
 RT: 7.23 min Scan# 459  
 Delta R.T. 0.00 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

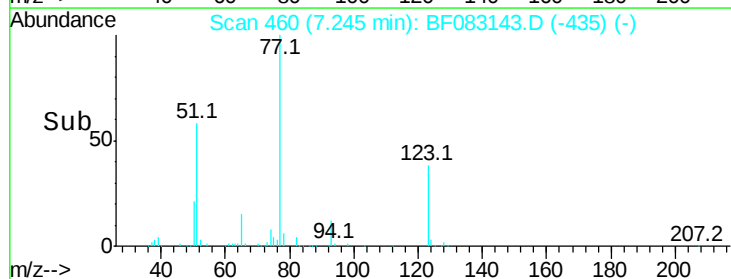
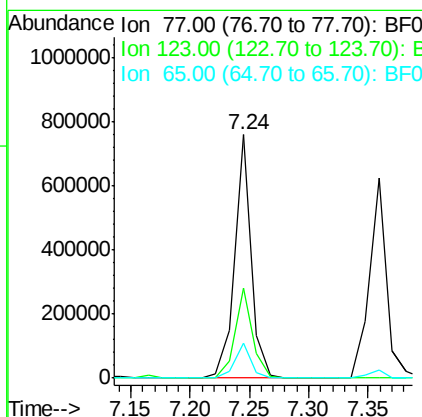
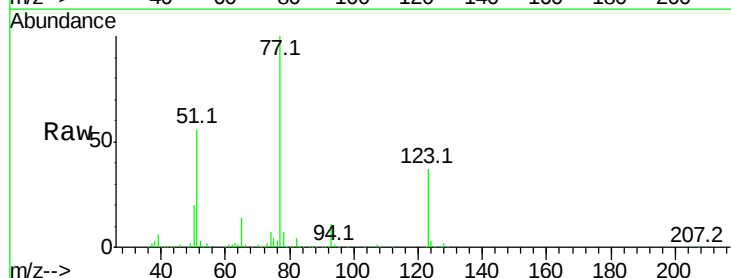
Instrument :  
 BNA\_F  
 ClientSampleId :

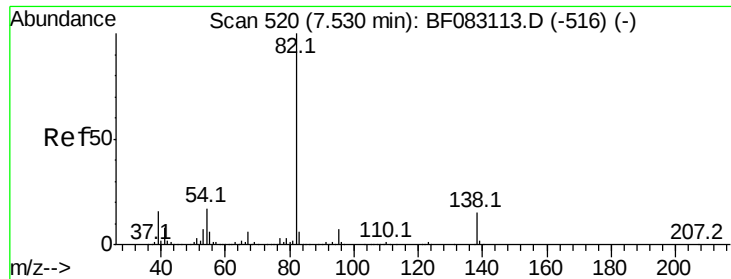
Tot Ion: 82 Resp: 1446288  
 Ion Ratio Lower Upper  
 82 100  
 128 44.5 28.5 42.7#  
 54 49.2 44.6 67.0



#24  
 Nitrobenzene  
 Concen: 40.30 ng  
 RT: 7.24 min Scan# 460  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Tgt Ion: 77 Resp: 732388  
 Ion Ratio Lower Upper  
 77 100  
 123 37.0 30.1 45.1  
 65 14.4 11.6 17.4





#25

Isophorone

Concen: 42.03 ng

RT: 7.50 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampled :

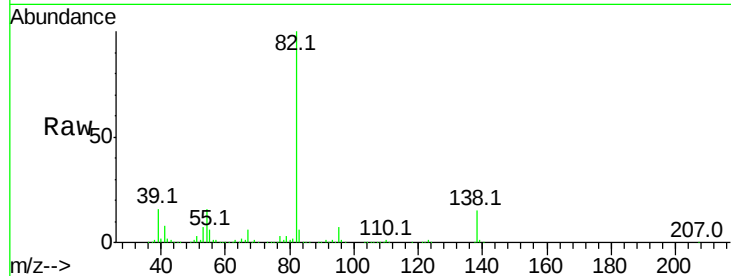
Tot Ion: 82 Resp: 1353612

Ion Ratio Lower Upper

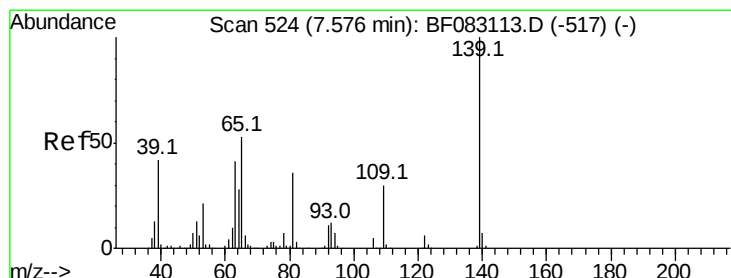
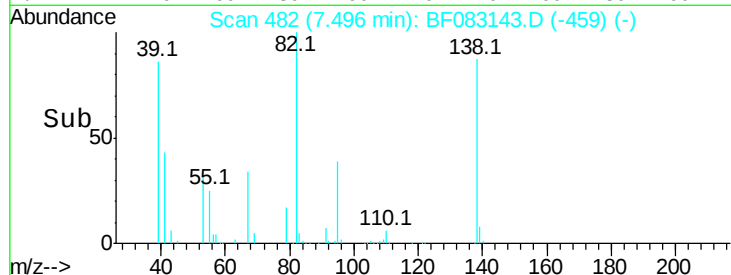
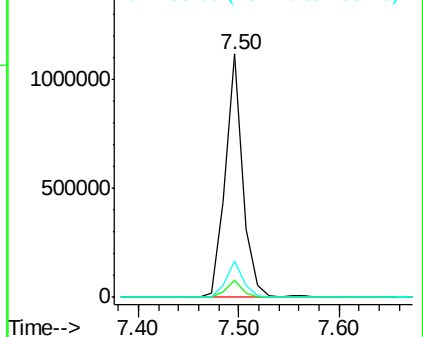
82 100

95 6.8 5.8 8.8

138 14.9 11.6 17.4



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



#26

2-Nitrophenol

Concen: 42.42 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

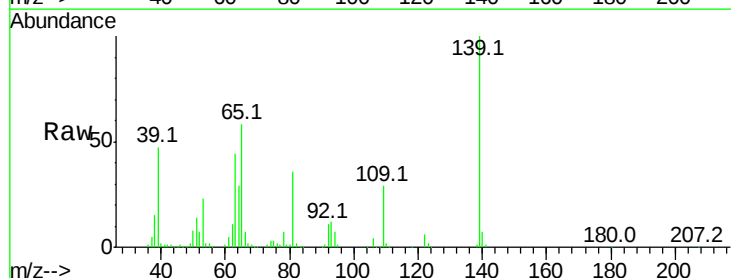
Tgt Ion: 139 Resp: 340347

Ion Ratio Lower Upper

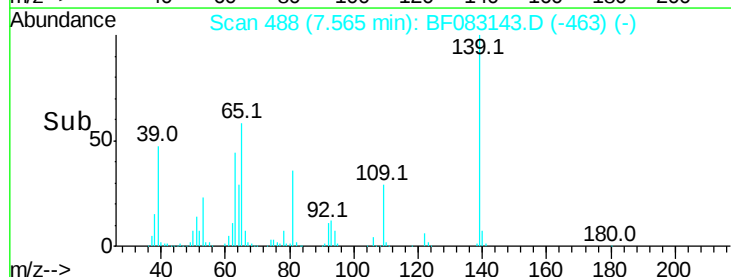
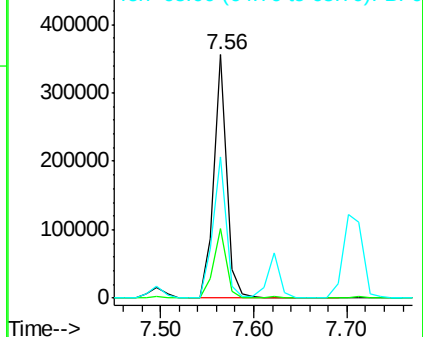
139 100

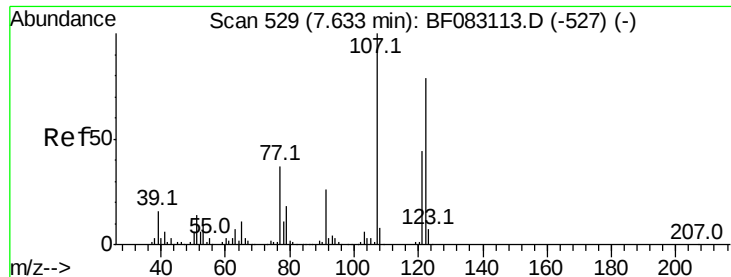
109 28.7 23.9 35.9

65 57.8 42.7 64.1



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

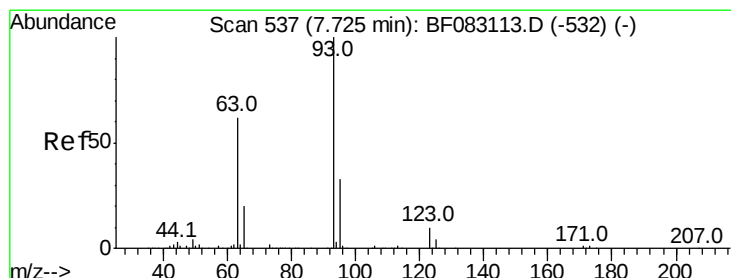
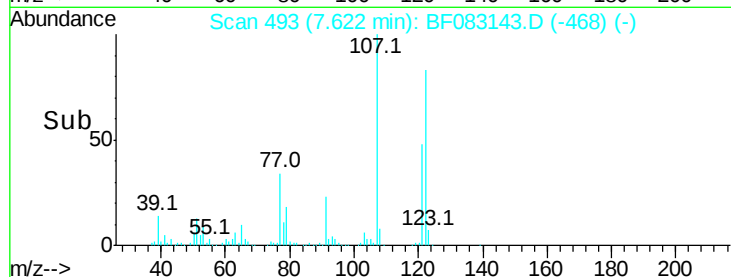
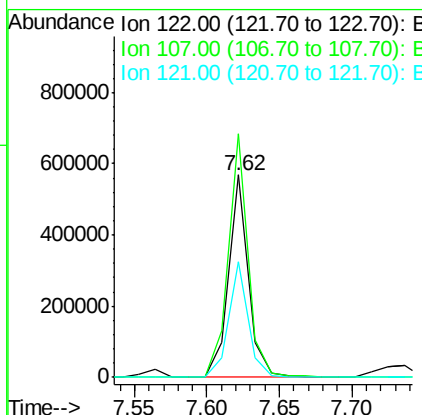
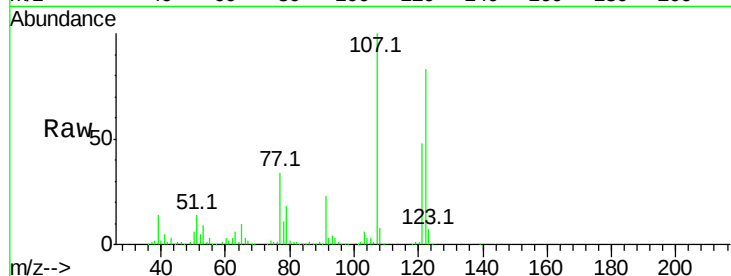




#27  
 2,4-Dimethylphenol  
 Concen: 41.94 ng  
 RT: 7.62 min Scan# 493  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

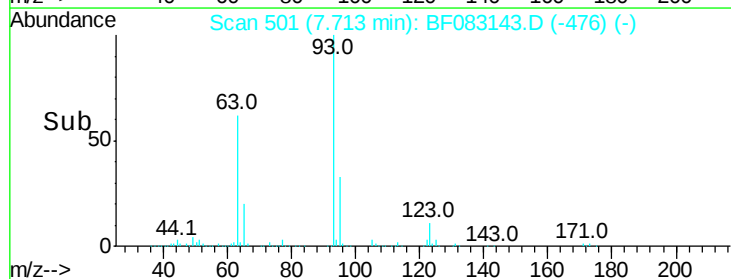
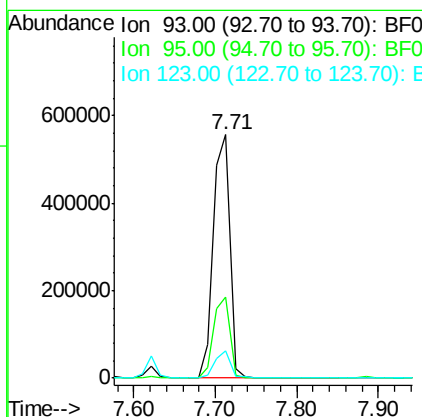
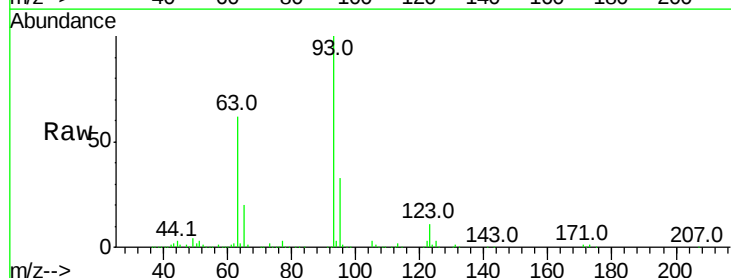
Instrument :  
 BNA\_F  
 ClientSampled :

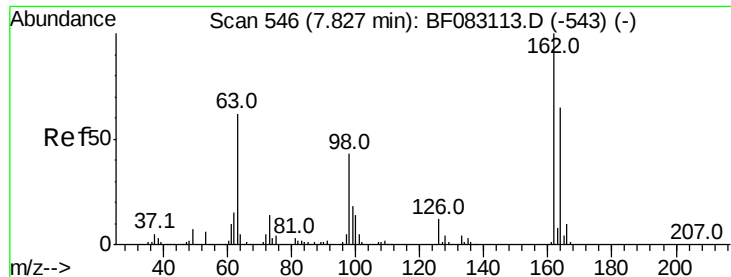
Tot Ion:122 Resp: 537040  
 Ion Ratio Lower Upper  
 122 100  
 107 120.5 101.1 151.7  
 121 57.5 44.9 67.3



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.12 ng  
 RT: 7.71 min Scan# 501  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Tgt Ion: 93 Resp: 788712  
 Ion Ratio Lower Upper  
 93 100  
 95 33.4 26.5 39.7  
 123 11.0 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 45.41 ng

RT: 7.82 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

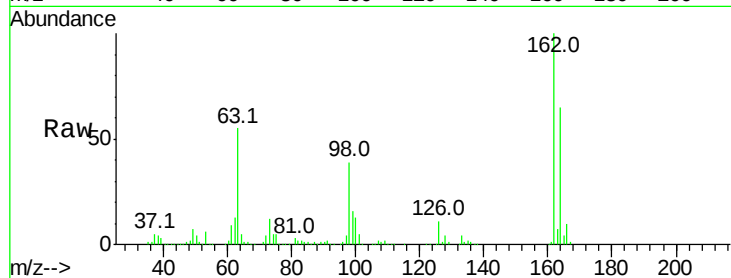
Tot Ion:162 Resp: 553043

Ion Ratio Lower Upper

162 100

164 64.7 44.8 84.8

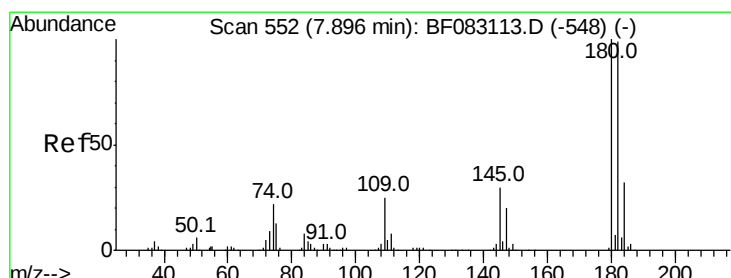
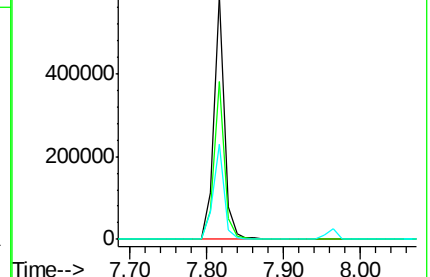
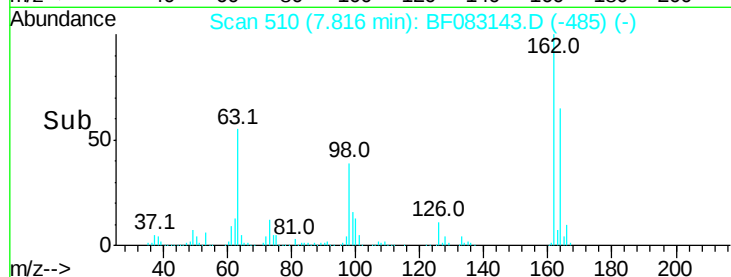
98 39.3 23.1 63.1



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: 39.53 ng

RT: 7.88 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

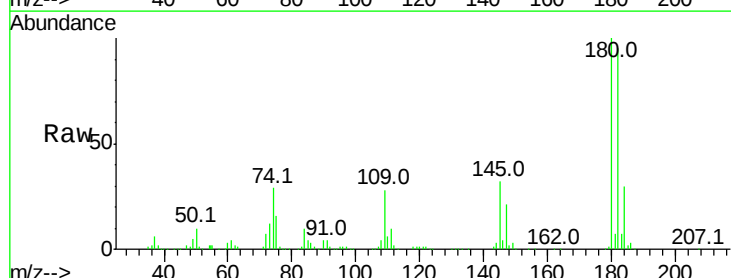
Tgt Ion:180 Resp: 528859

Ion Ratio Lower Upper

180 100

182 95.1 79.0 118.6

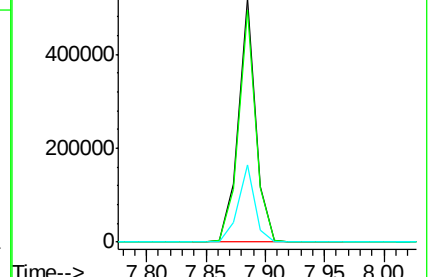
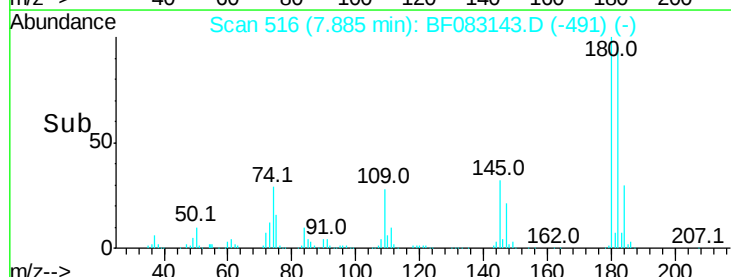
145 31.6 24.2 36.2

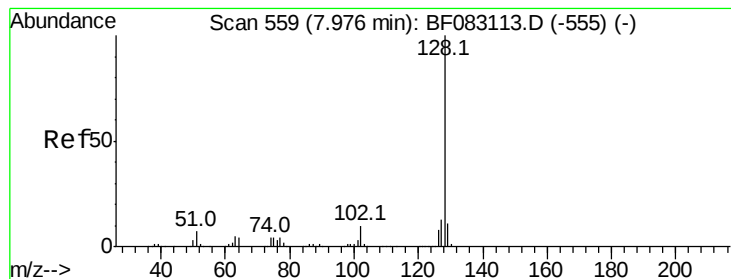


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.00 ng

RT: 7.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

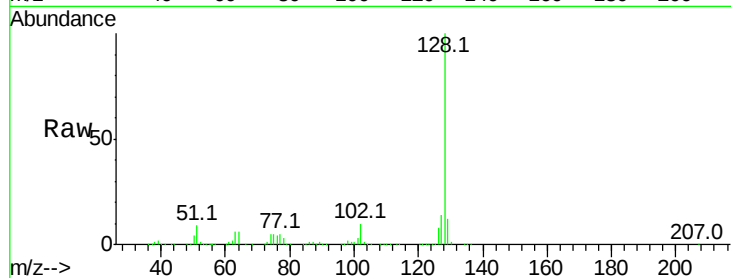
Tot Ion:128 Resp: 1719903

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.4

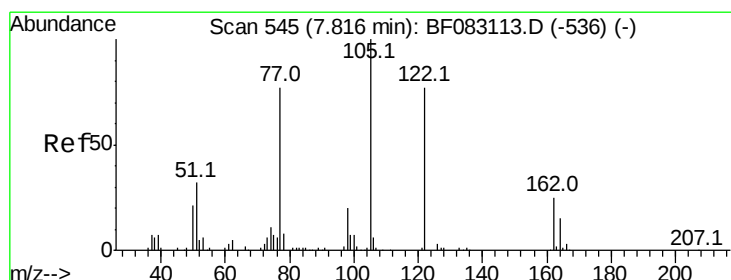
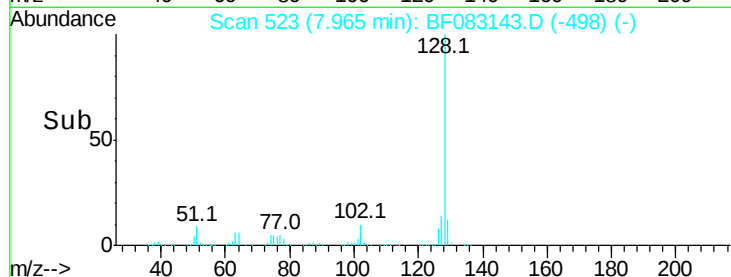
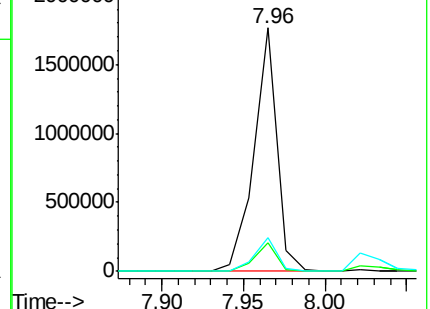
127 14.0 10.6 15.8



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: 6.70 ng

RT: 7.74 min Scan# 503

Delta R.T. -0.08 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

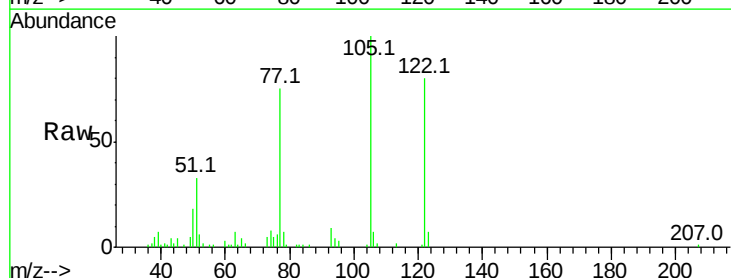
Tgt Ion:122 Resp: 66705

Ion Ratio Lower Upper

122 100

105 125.0 109.7 149.7

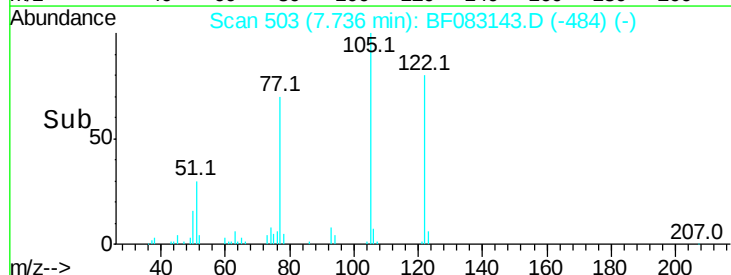
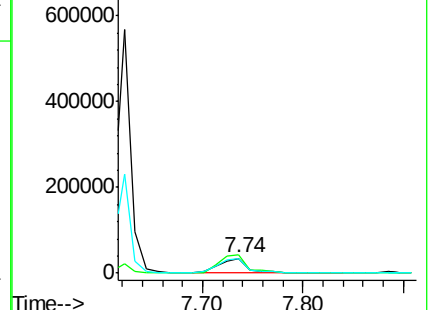
77 93.4 79.7 119.7

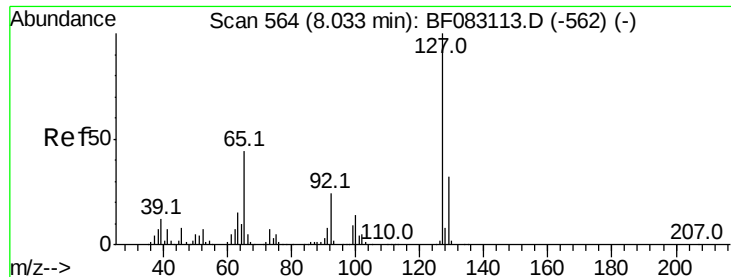


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 11.60 ng

RT: 8.02 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:127 Resp: 188831

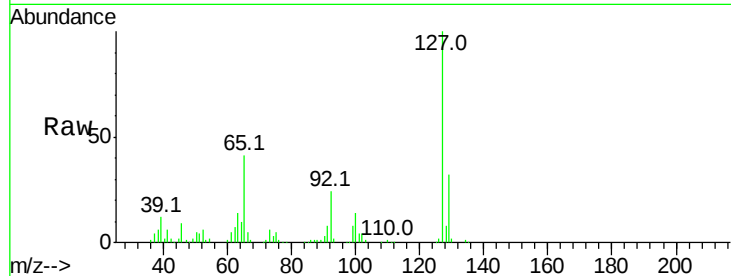
Ion Ratio Lower Upper

127 100

129 31.7 25.7 38.5

65 41.3 35.5 53.3

92 24.3 19.4 29.2

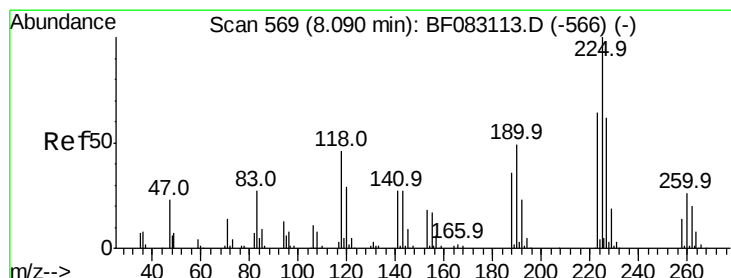
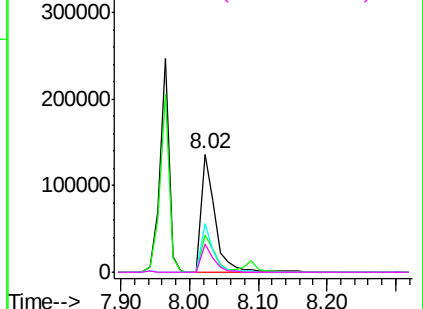
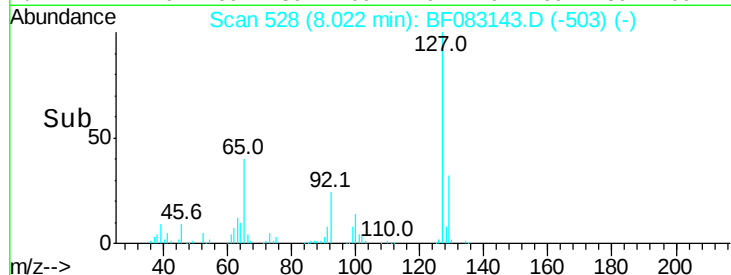


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.85 ng

RT: 8.09 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

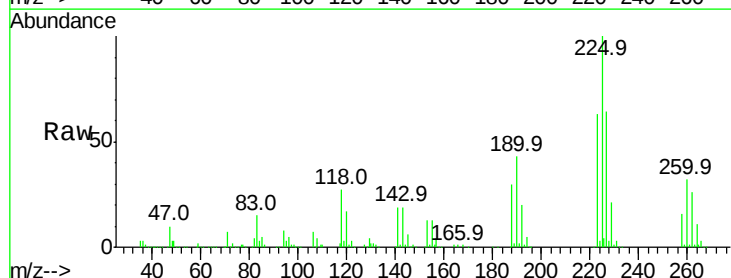
Tgt Ion:225 Resp: 315057

Ion Ratio Lower Upper

225 100

223 63.3 51.3 76.9

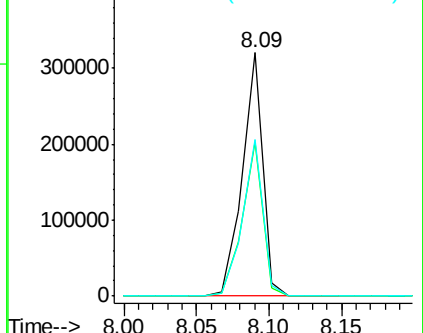
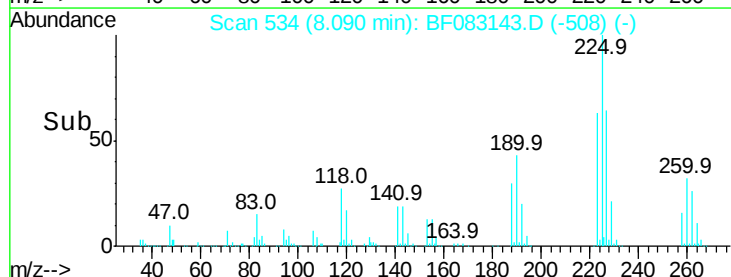
227 64.1 49.8 74.8

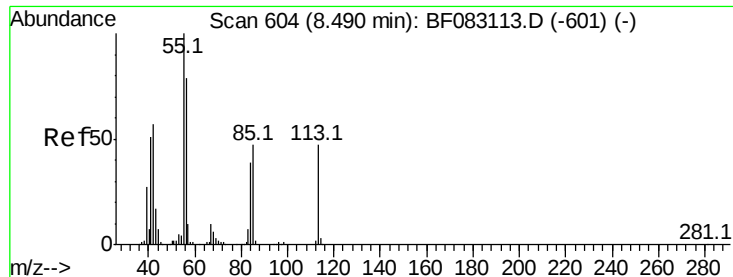


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

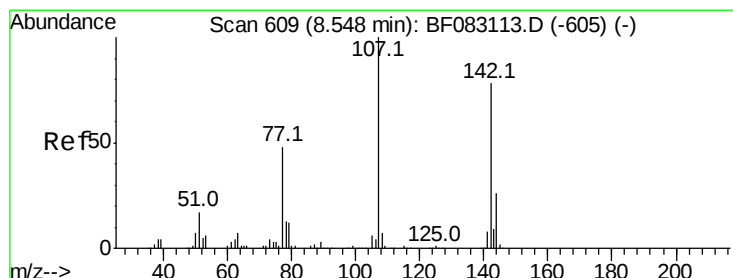
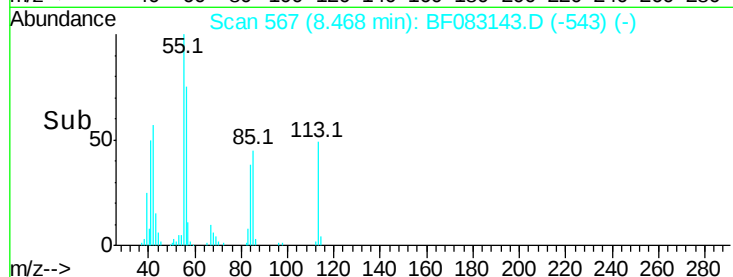
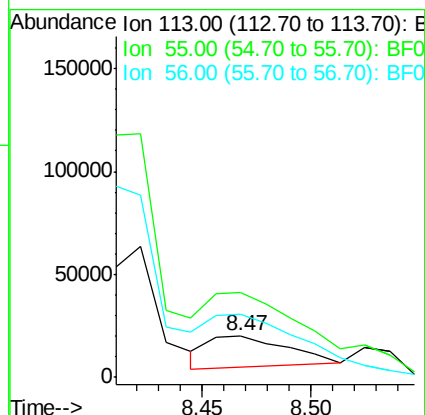
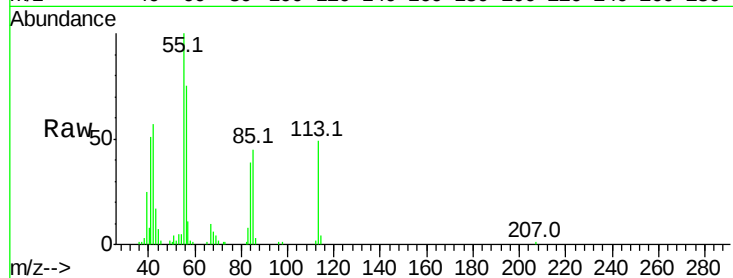




#35  
 Caprolactam  
 Concen: 9.60 ng  
 RT: 8.47 min Scan# 567  
 Delta R.T. -0.02 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

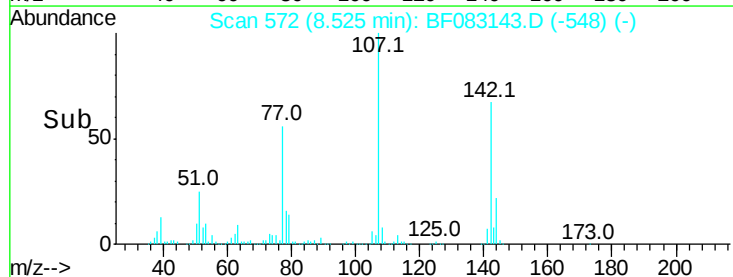
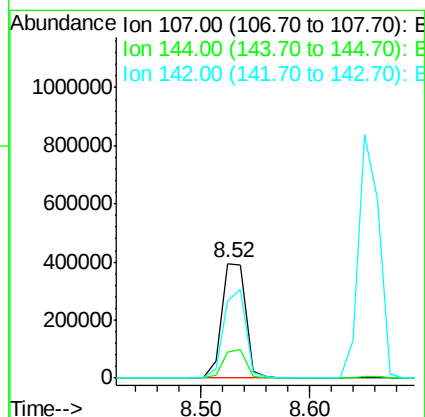
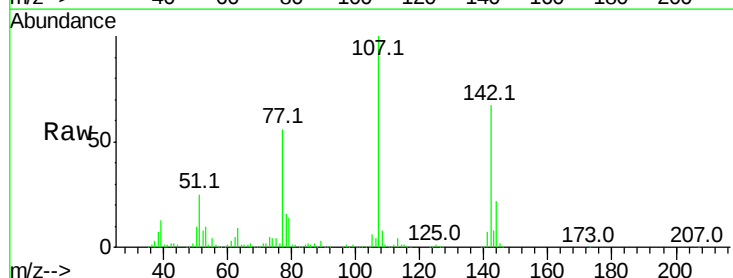
Instrument :  
 BNA\_F  
 ClientSampleId :

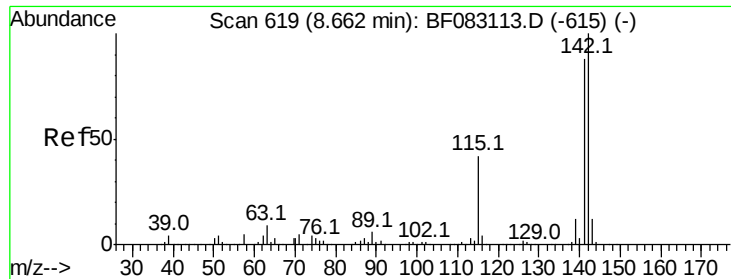
Tot Ion:113 Resp: 37475  
 Ion Ratio Lower Upper  
 113 100  
 55 204.5 192.6 232.6  
 56 153.8 148.6 188.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.00 ng  
 RT: 8.52 min Scan# 572  
 Delta R.T. -0.02 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Tgt Ion:107 Resp: 606588  
 Ion Ratio Lower Upper  
 107 100  
 144 22.2 20.8 31.2  
 142 67.2 62.1 93.1



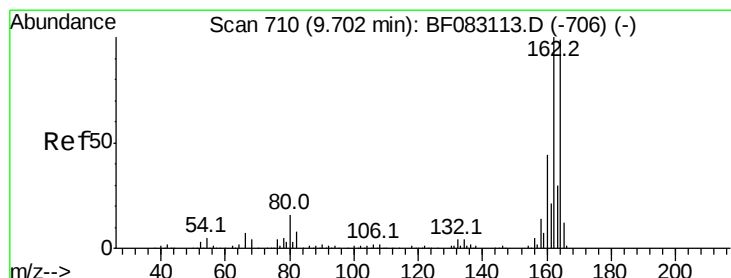
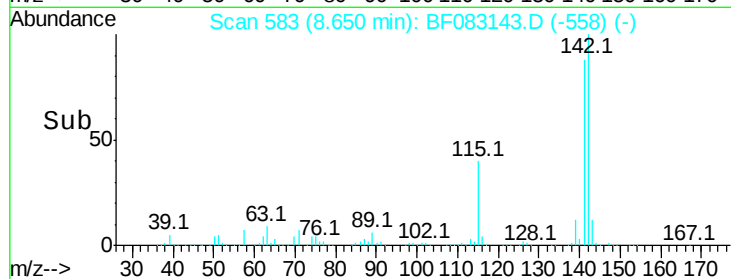
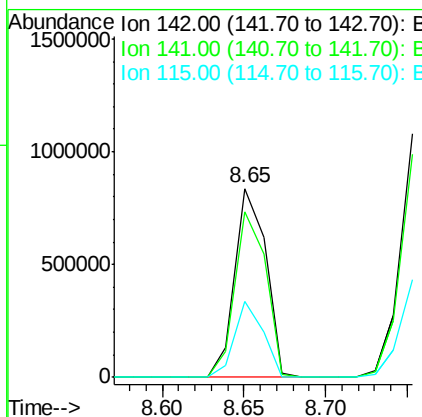
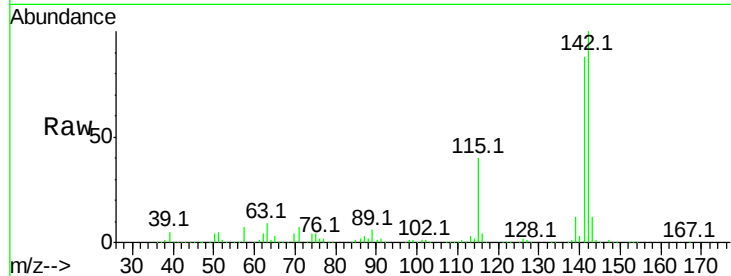


#37  
 2-Methylnaphthalene  
 Concen: 40.54 ng  
 RT: 8.65 min Scan# 583  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:142 Resp: 1103704  

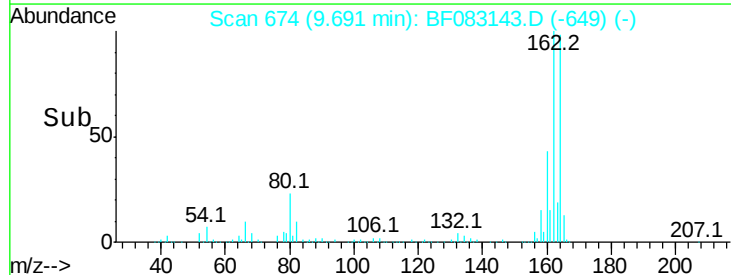
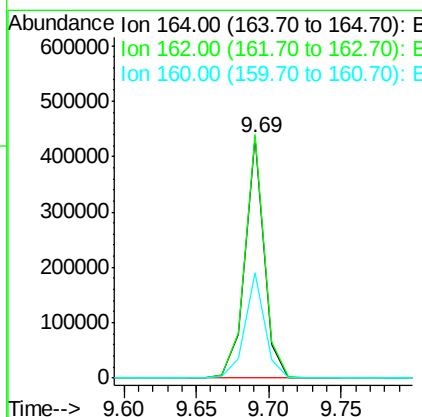
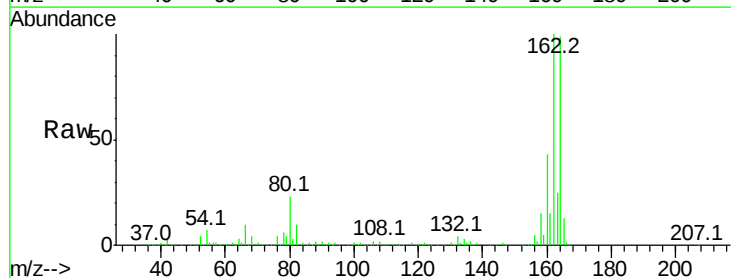
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 87.6  | 70.3  | 105.5 |
| 115 | 40.0  | 33.4  | 50.2  |

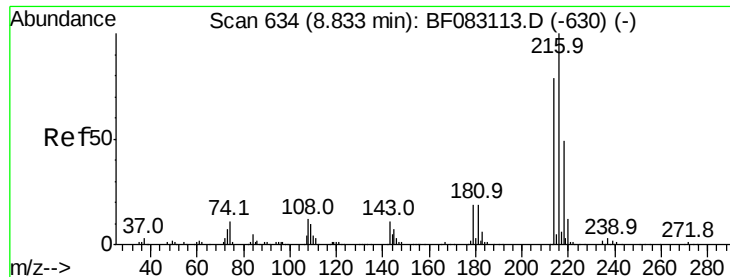


#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.69 min Scan# 674  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Tgt Ion:164 Resp: 399116  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.0 | 81.2  | 121.8 |
| 160 | 43.7  | 35.6  | 53.4  |

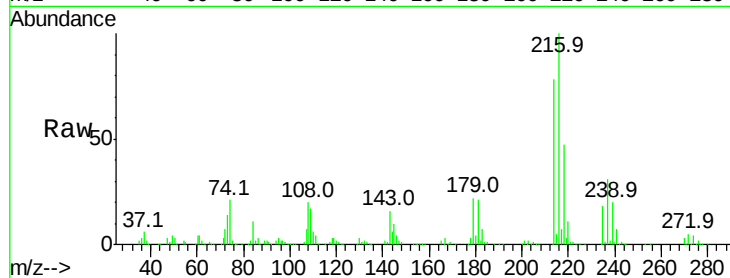




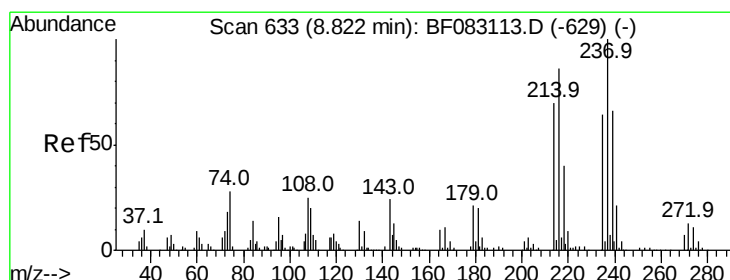
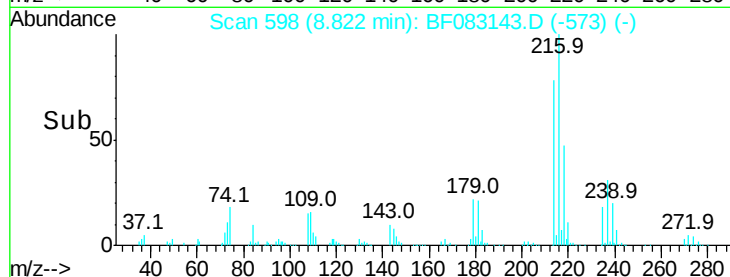
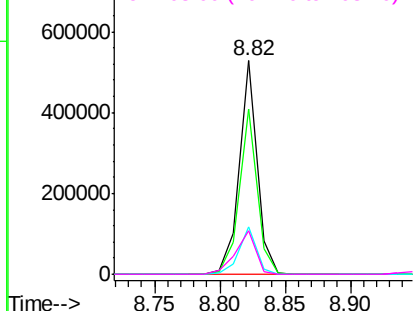
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.50 ng  
 RT: 8.82 min Scan# 598  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 497998 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 77.6  | 63.8  | 95.8   |
| 179      | 21.6  | 17.0  | 25.6   |
| 108      | 23.1  | 15.2  | 22.8#  |

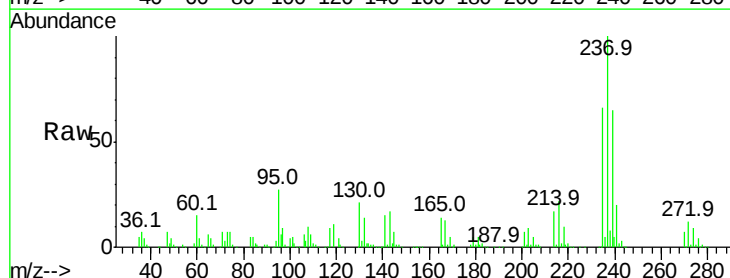


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

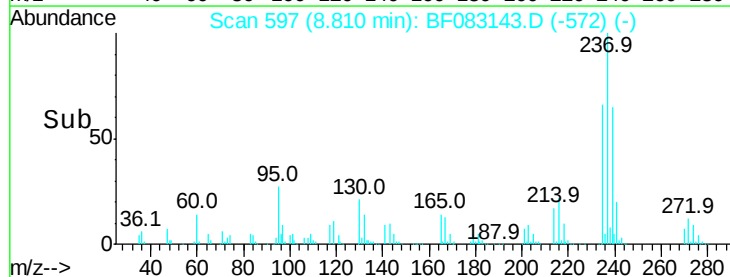
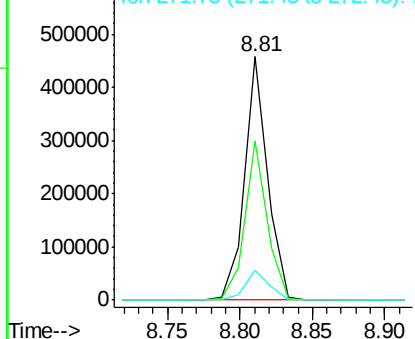


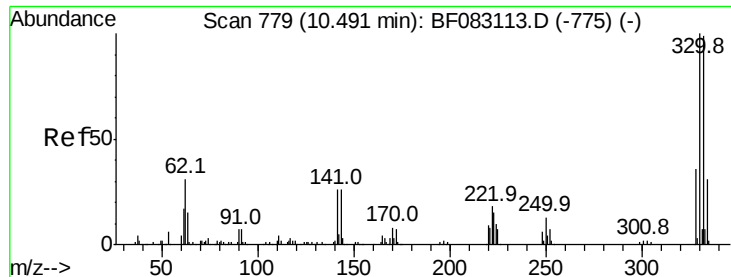
#40  
 Hexachlorocyclopentadiene  
 Concen: 68.06 ng  
 RT: 8.81 min Scan# 597  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 500610 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 65.5  | 43.5  | 83.5   |
| 272      | 12.2  | 0.0   | 33.1   |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E

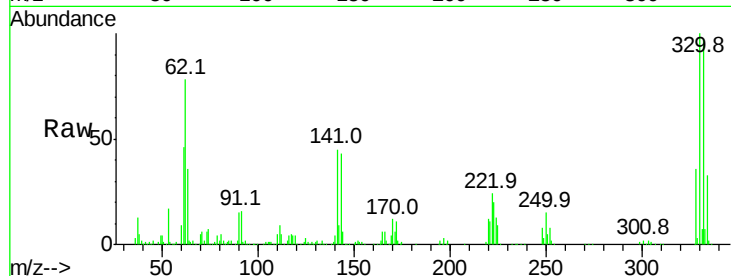




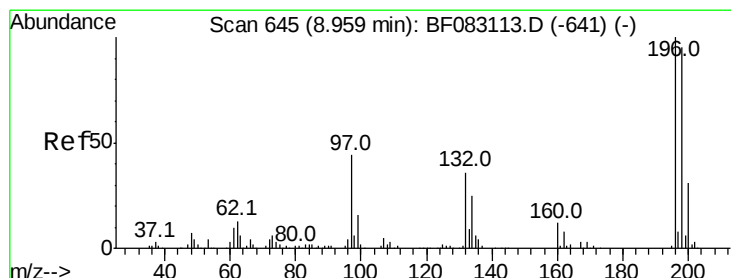
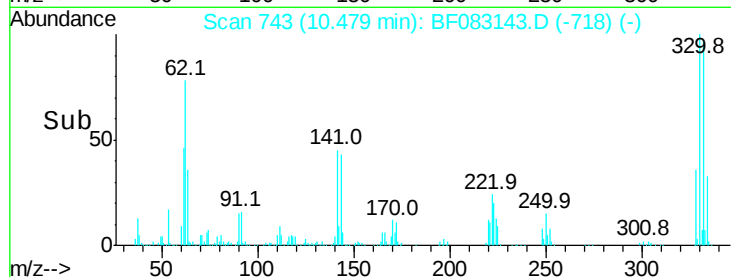
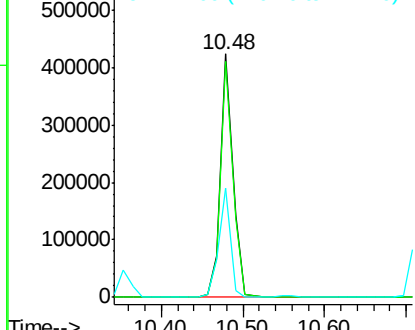
#41  
 2,4,6-Tribromophenol  
 Concen: 110.44 ng  
 RT: 10.48 min Scan# 743  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | 330 | Ratio | 100 | Resp  | 450968 |
|---------|-----|-------|-----|-------|--------|
| Ion     | 330 | 100   |     | Lower | Upper  |
|         | 332 | 96.0  |     | 77.7  | 116.5  |
|         | 141 | 42.3  |     | 29.7  | 44.5   |

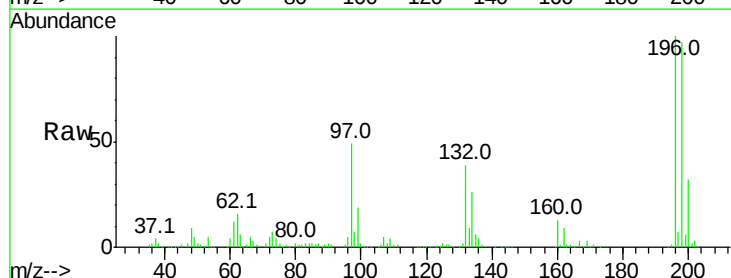


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

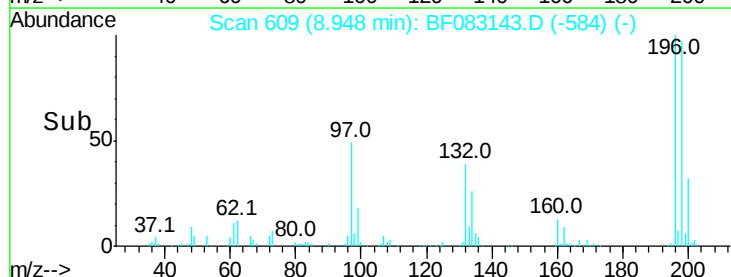
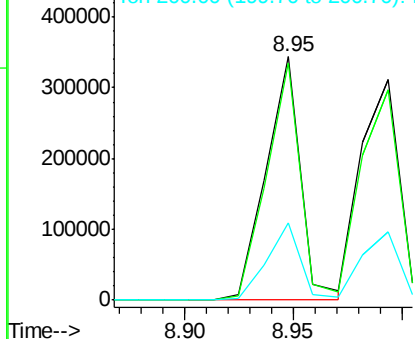


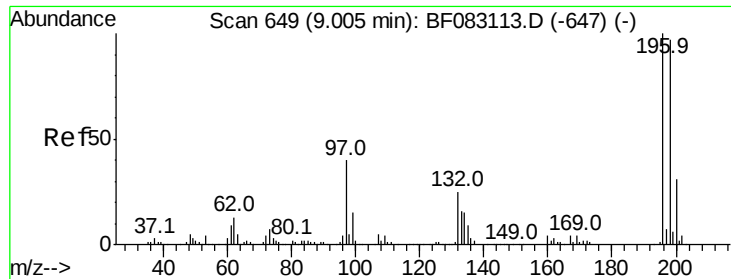
#42  
 2,4,6-Trichlorophenol  
 Concen: 41.08 ng  
 RT: 8.95 min Scan# 609  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

| Tgt Ion | 196 | Ratio | 100 | Resp  | 380570 |
|---------|-----|-------|-----|-------|--------|
| Ion     | 196 | 100   |     | Lower | Upper  |
|         | 198 | 97.4  |     | 75.9  | 113.9  |
|         | 200 | 31.6  |     | 24.5  | 36.7   |



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

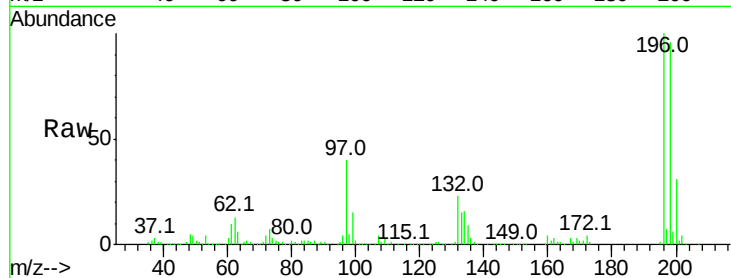




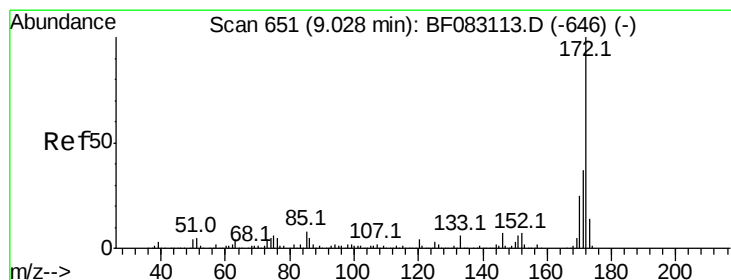
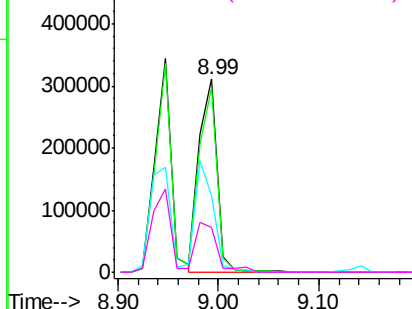
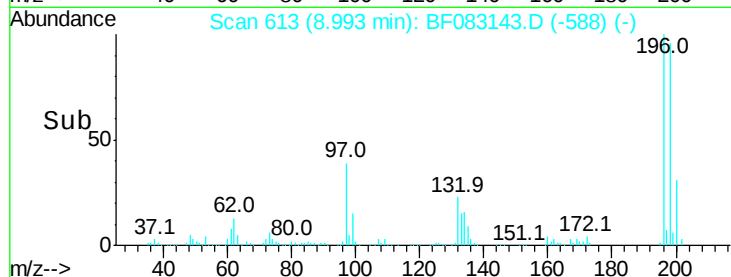
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.12 ng  
 RT: 8.99 min Scan# 613  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 389535 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 95.5  | 77.6  | 116.4  |
| 97       | 39.5  | 32.6  | 48.8   |
| 132      | 23.3  | 19.8  | 29.8   |

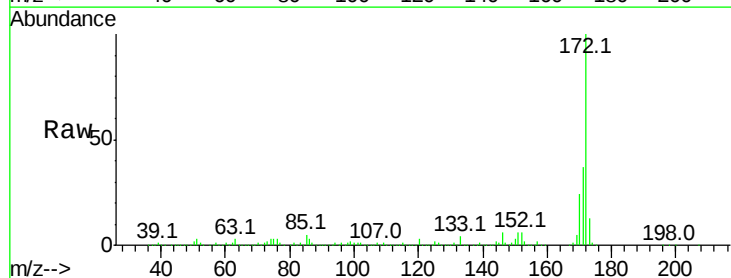


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

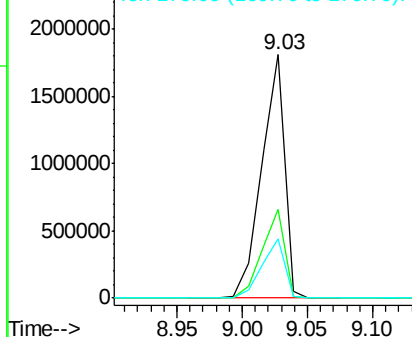
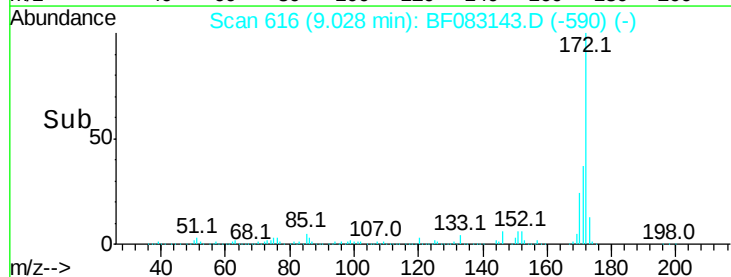


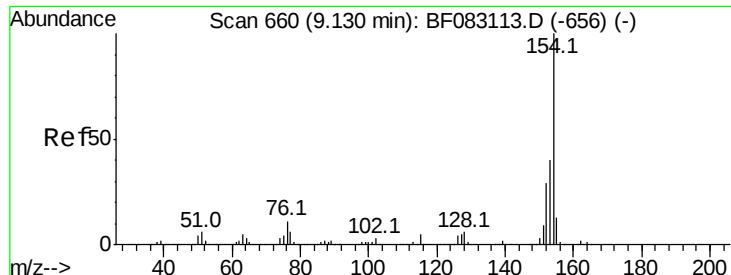
#44  
 2-Fluorobiphenyl  
 Concen: 77.75 ng  
 RT: 9.03 min Scan# 616  
 Delta R.T. 0.00 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 2225259 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 36.6  | 29.5  | 44.3    |
| 170      | 24.1  | 19.9  | 29.9    |



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

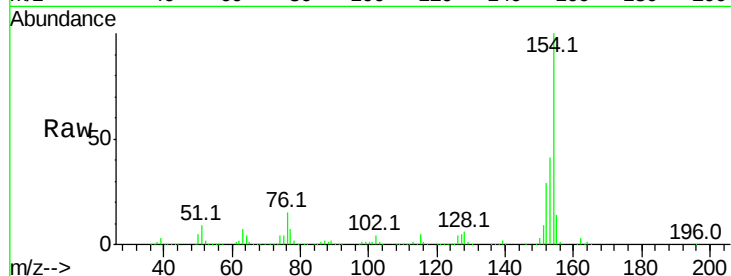




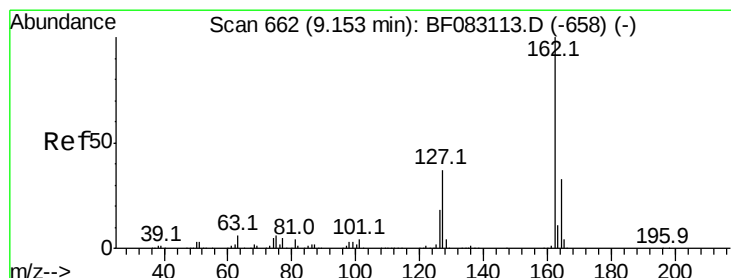
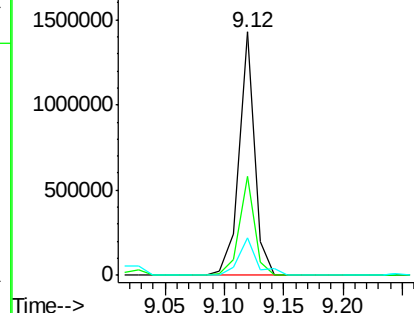
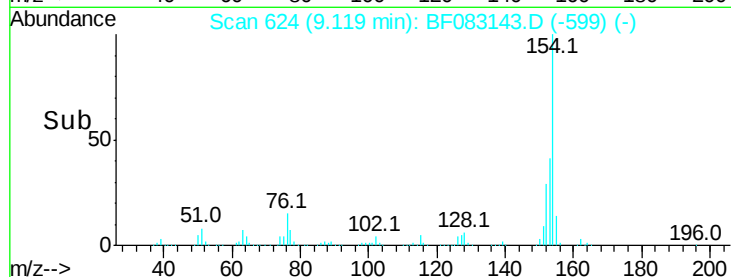
#45  
 1,1'-Biphenyl  
 Concen: 38.34 ng  
 RT: 9.12 min Scan# 624  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:154 Resp: 1302345  
 Ion Ratio Lower Upper  
 154 100  
 153 40.9 20.5 60.5  
 76 15.2 0.0 31.2

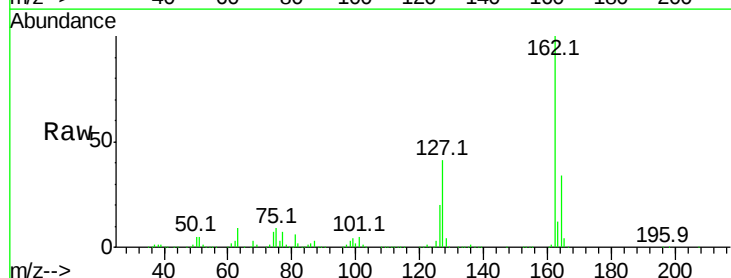


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

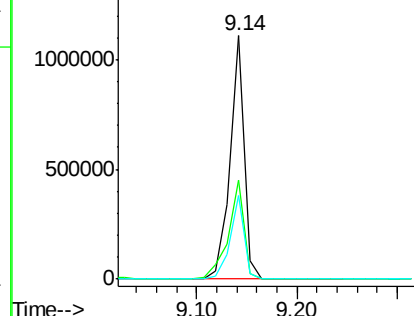
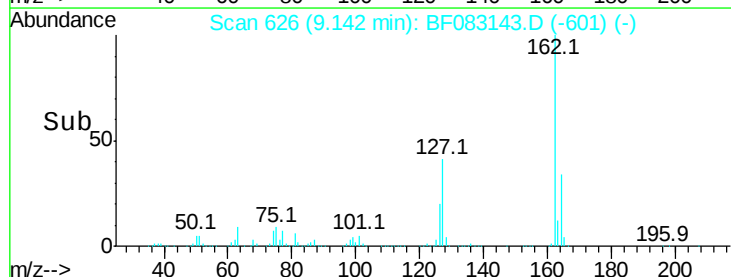


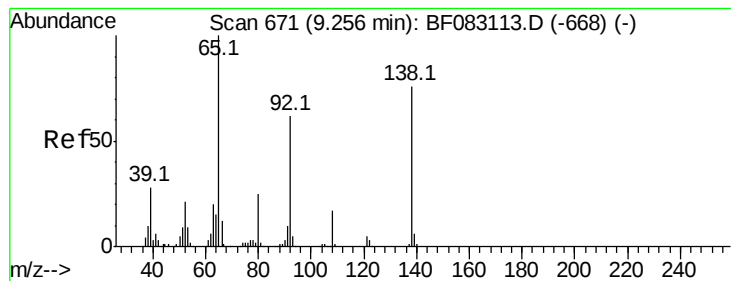
#46  
 2-Chloronaphthalene  
 Concen: 40.47 ng  
 RT: 9.14 min Scan# 626  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Tgt Ion:162 Resp: 1079805  
 Ion Ratio Lower Upper  
 162 100  
 127 40.7 29.4 44.2  
 164 34.4 26.2 39.4



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





#47

2-Nitroaniline

Concen: 40.68 ng

RT: 9.24 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

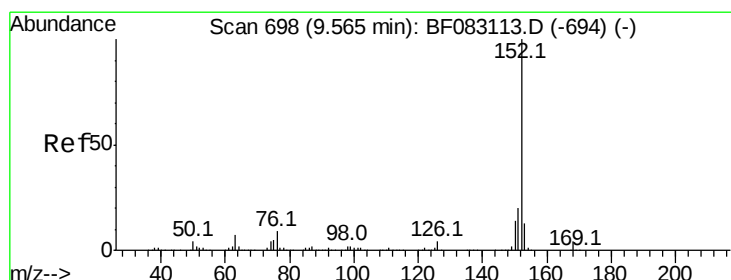
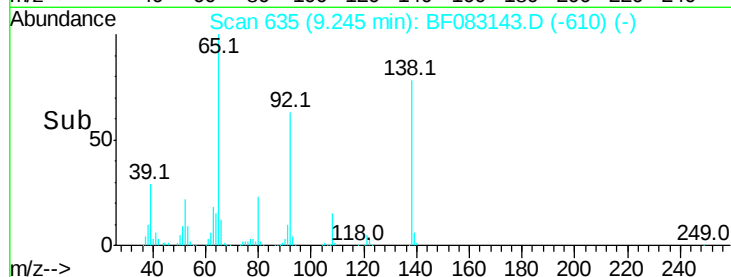
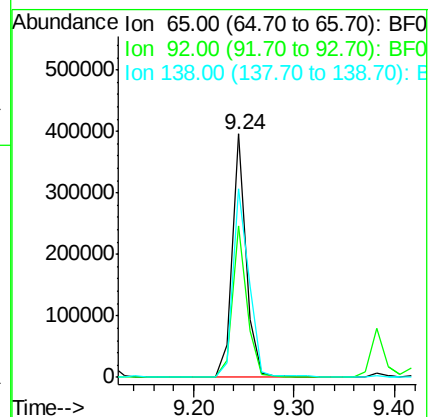
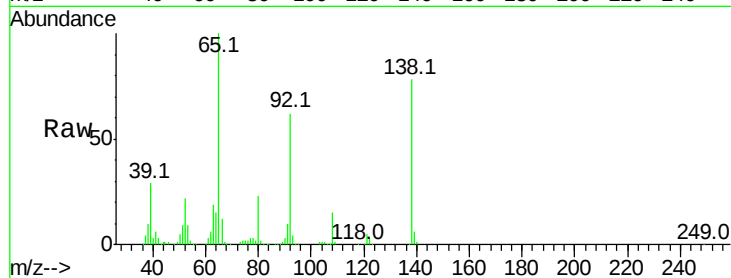
Tot Ion: 65 Resp: 383916

Ion Ratio Lower Upper

65 100

92 62.5 49.5 74.3

138 77.7 60.7 91.1



#48

Acenaphthylene

Concen: 39.26 ng

RT: 9.55 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

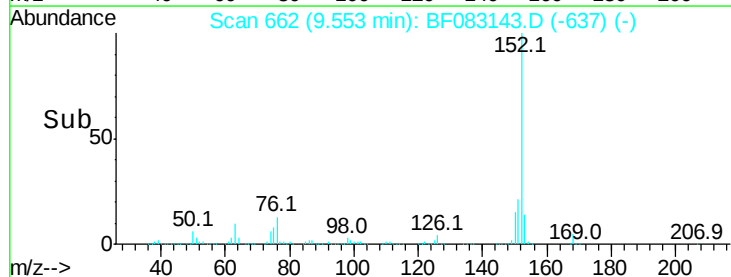
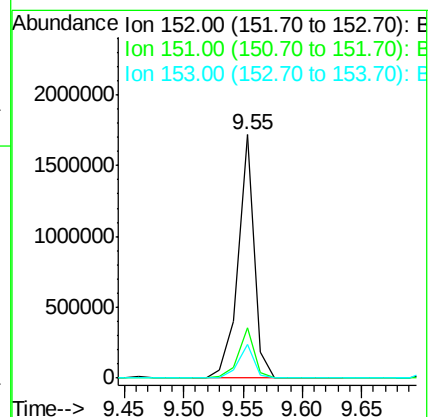
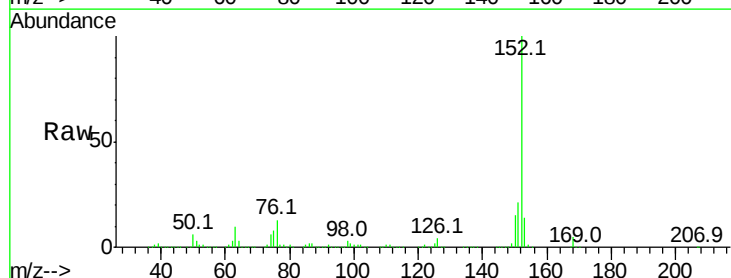
Tgt Ion: 152 Resp: 1623402

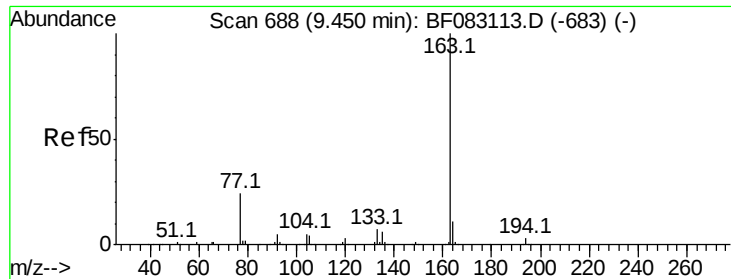
Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

153 14.0 10.8 16.2





#49

Dimethylphthalate

Concen: 53.61 ng

RT: 9.44 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

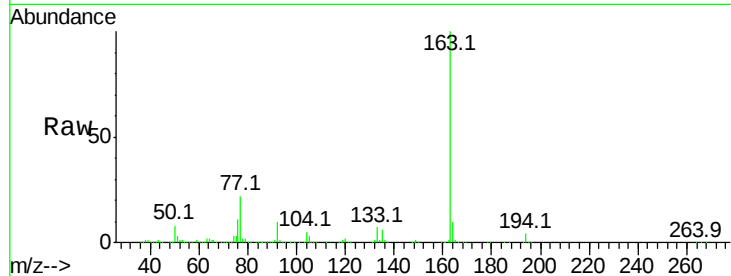
Tot Ion:163 Resp: 1647330

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

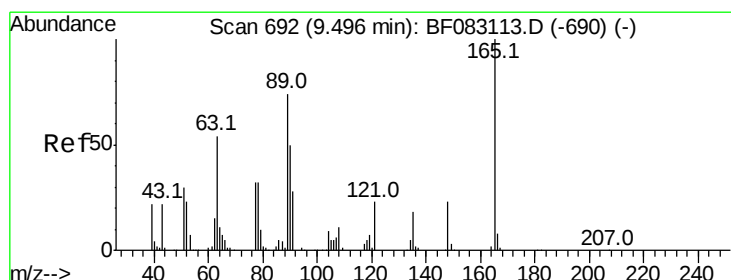
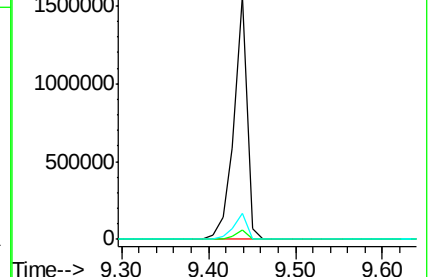
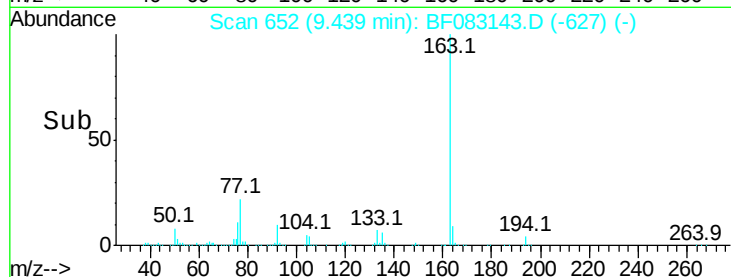
164 10.4 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.77 ng

RT: 9.48 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

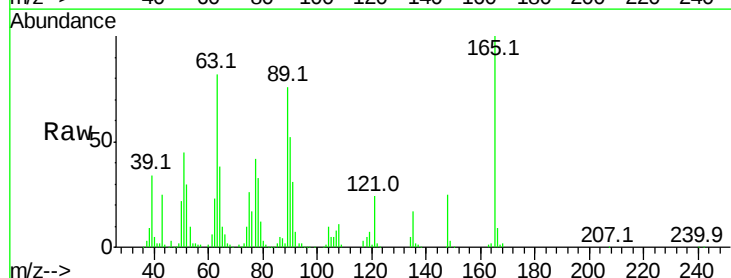
Tgt Ion:165 Resp: 274179

Ion Ratio Lower Upper

165 100

63 82.3 62.5 93.7

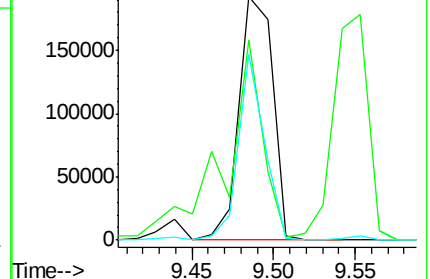
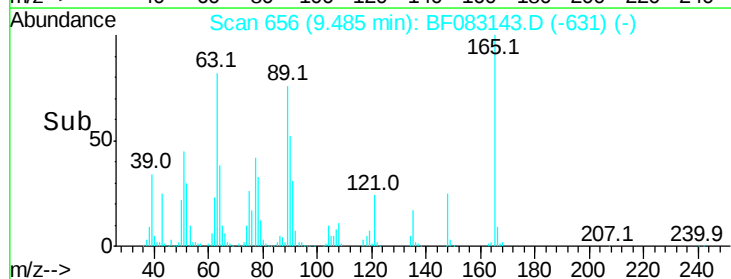
89 76.3 59.1 88.7

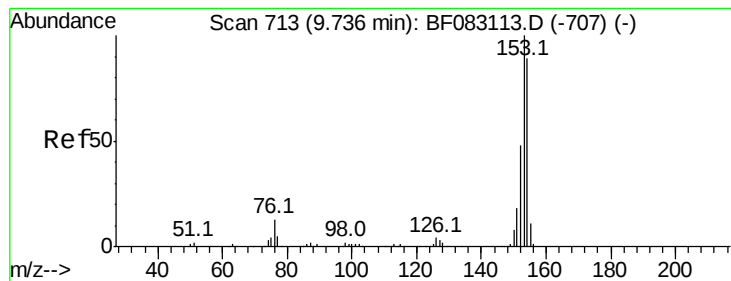


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.00 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

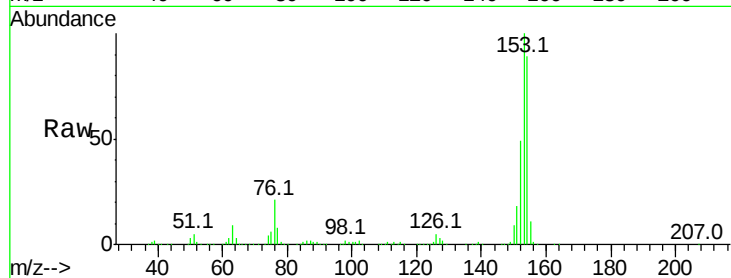
Tot Ion:154 Resp: 981402

Ion Ratio Lower Upper

154 100

153 111.9 89.6 134.4

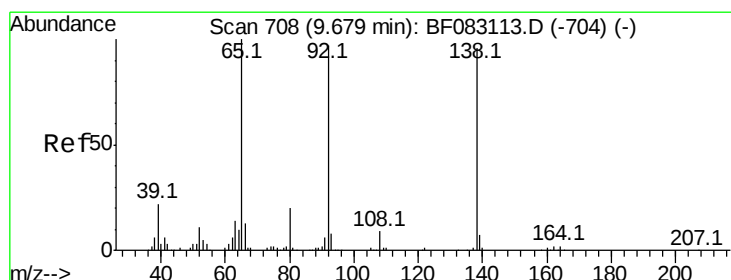
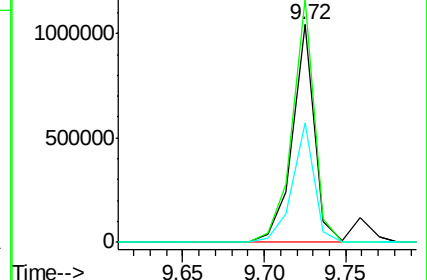
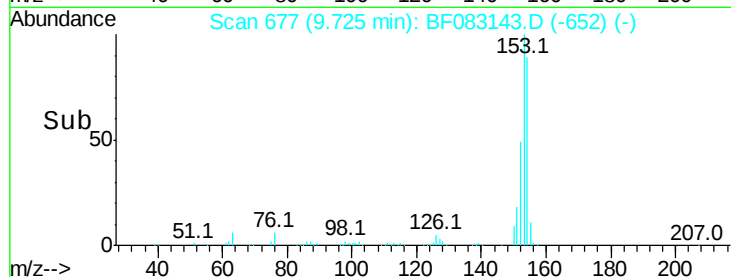
152 54.9 43.3 64.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.48 ng

RT: 9.66 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

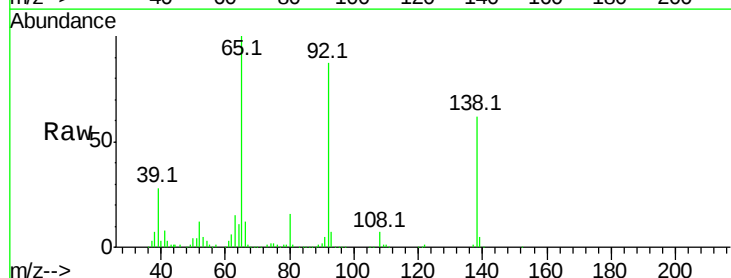
Tgt Ion:138 Resp: 143206

Ion Ratio Lower Upper

138 100

108 10.8 7.8 11.6

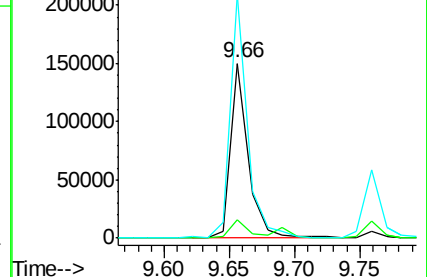
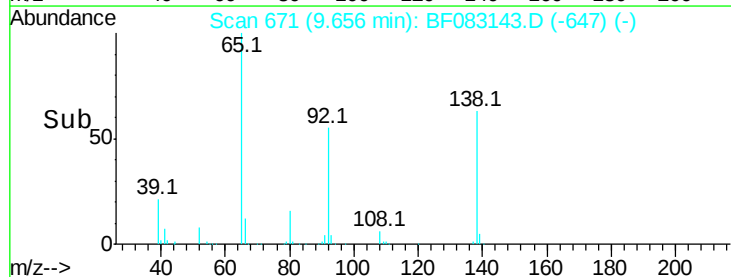
92 139.4 81.1 121.7#

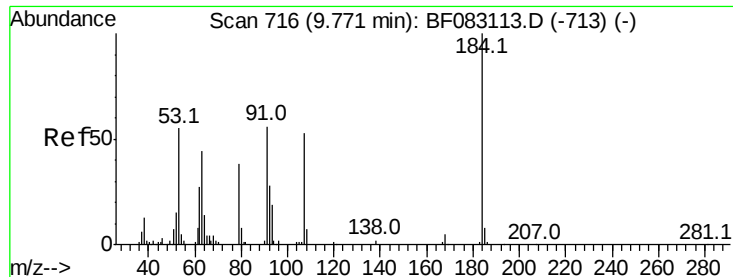


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

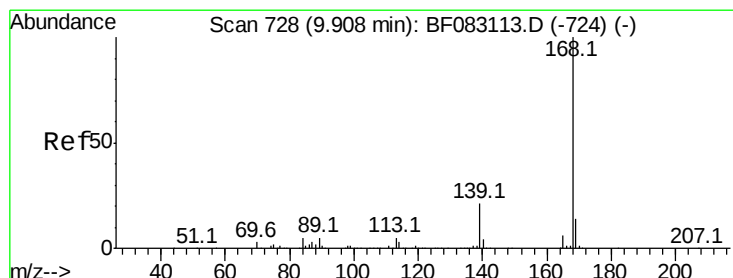
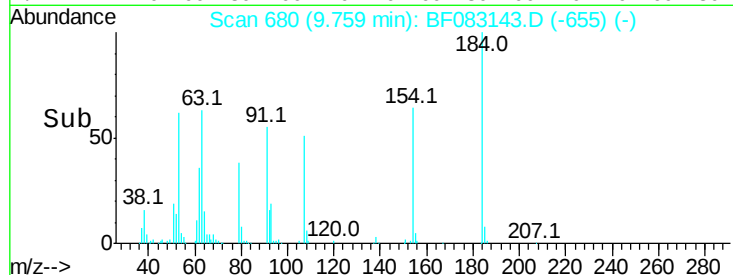
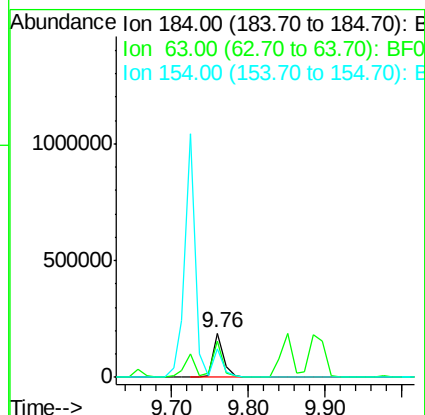
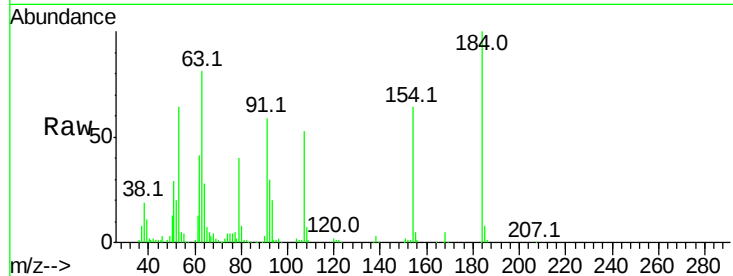




#53  
2,4-Dinitrophenol  
Concen: 46.07 ng  
RT: 9.76 min Scan# 680  
Delta R.T. -0.01 min  
Lab File: BF083143.D  
Acq: 22 Nov 2015 7:28

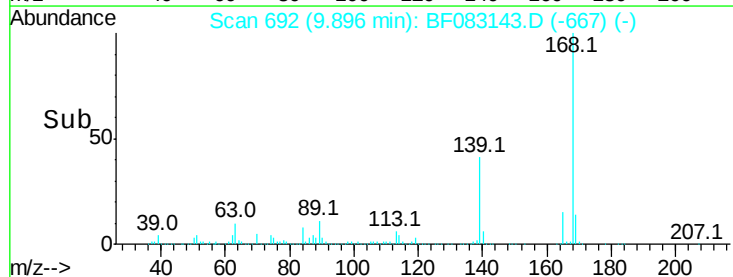
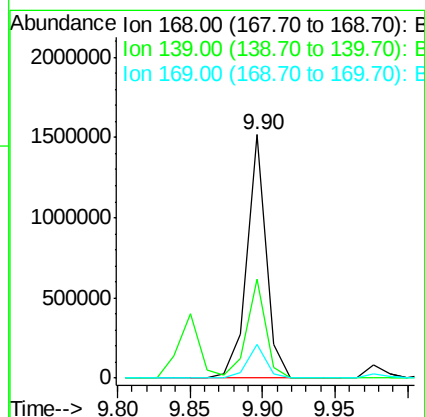
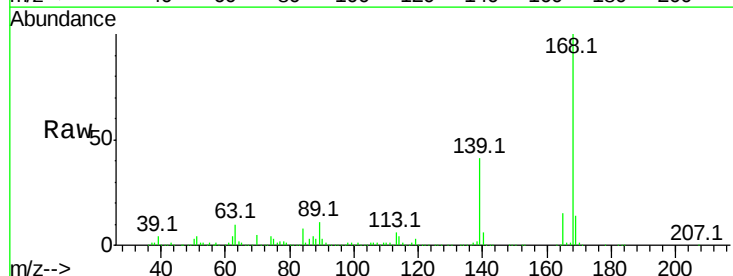
Instrument :  
BNA\_F  
ClientSampled :

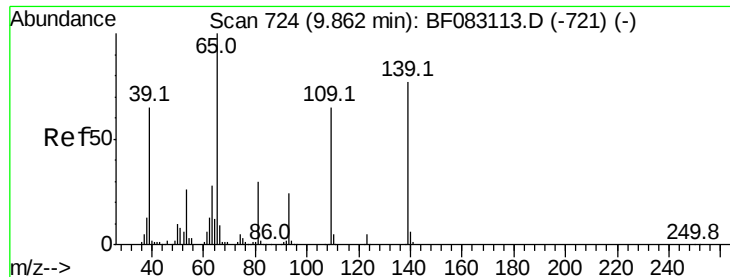
Tot Ion:184 Resp: 183013  
Ion Ratio Lower Upper  
184 100  
63 81.2 60.5 90.7  
154 63.6 54.3 81.5



#54  
Dibenzofuran  
Concen: 39.25 ng  
RT: 9.90 min Scan# 692  
Delta R.T. -0.01 min  
Lab File: BF083143.D  
Acq: 22 Nov 2015 7:28

Tgt Ion:168 Resp: 1396615  
Ion Ratio Lower Upper  
168 100  
139 40.6 30.2 45.2  
169 14.1 10.9 16.3

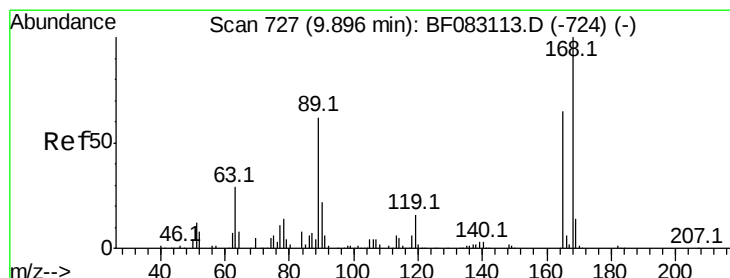
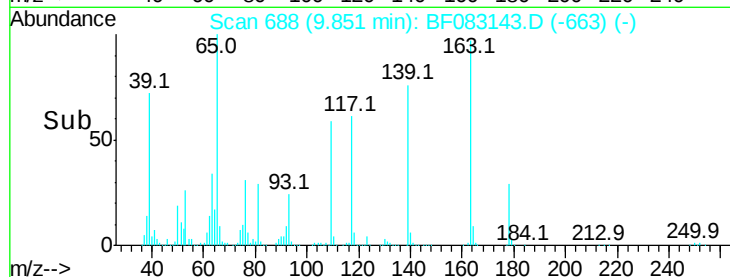
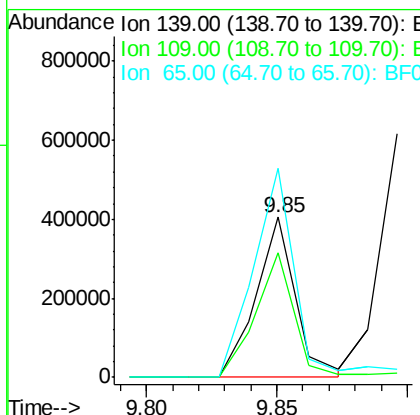
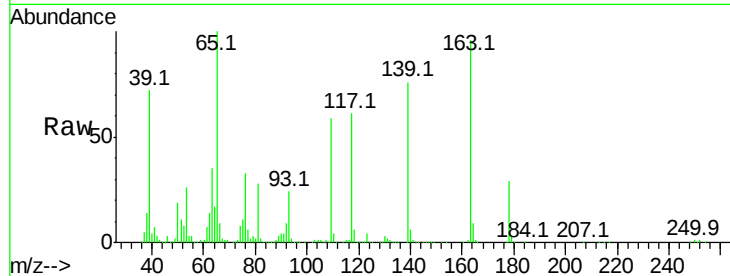




#55  
4-Nitrophenol  
Concen: 75.34 ng  
RT: 9.85 min Scan# 688  
Delta R.T. -0.01 min  
Lab File: BF083143.D  
Acq: 22 Nov 2015 7:28

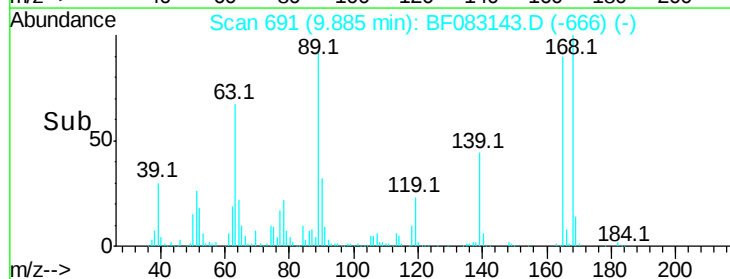
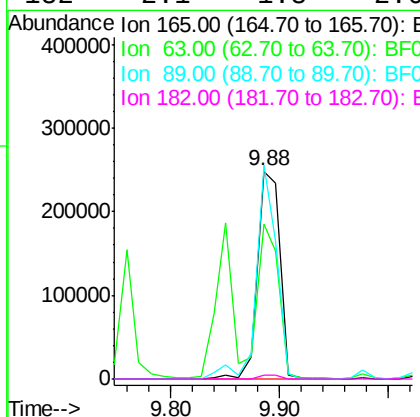
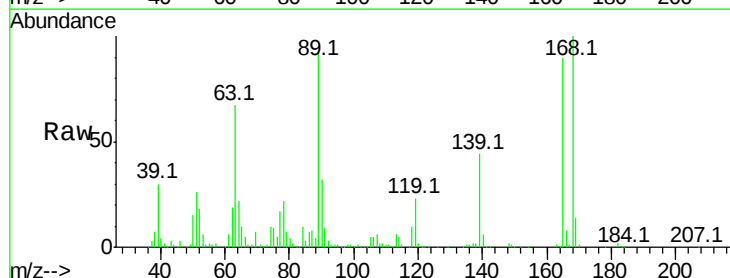
Instrument :  
BNA\_F  
ClientSampled :

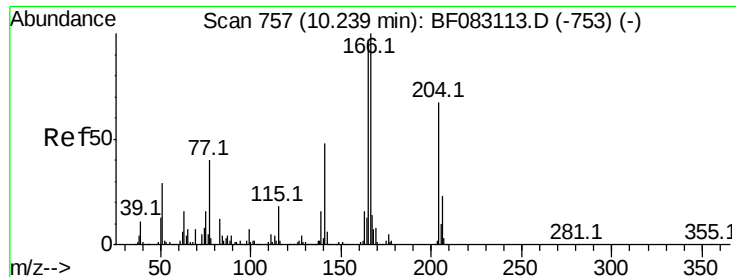
Tot Ion:139 Resp: 424672  
Ion Ratio Lower Upper  
139 100  
109 77.5 64.0 104.0  
65 130.9 109.5 149.5



#56  
2,4-Dinitrotoluene  
Concen: 41.00 ng  
RT: 9.88 min Scan# 691  
Delta R.T. -0.01 min  
Lab File: BF083143.D  
Acq: 22 Nov 2015 7:28

Tgt Ion:165 Resp: 358186  
Ion Ratio Lower Upper  
165 100  
63 74.7 54.5 81.7  
89 103.0 77.3 115.9  
182 2.1 1.8 2.6

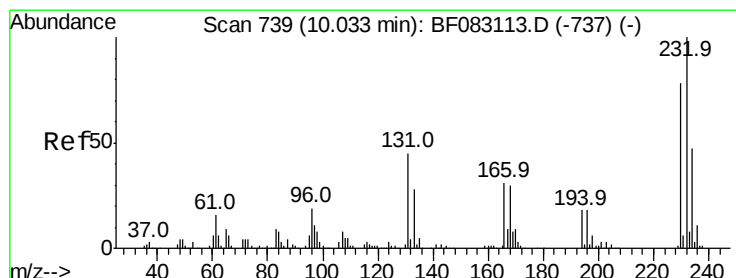
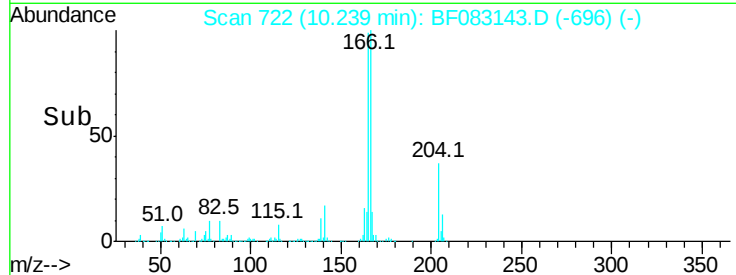
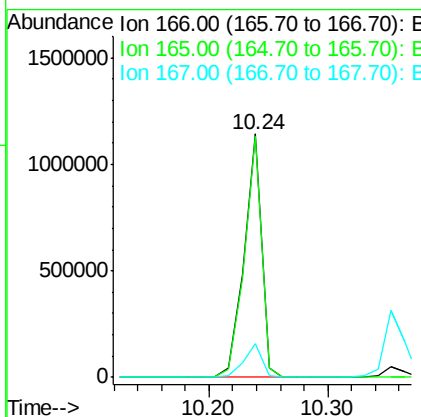
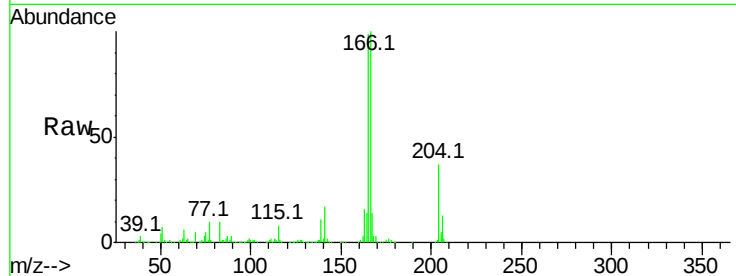




#57  
 Fluorene  
 Concen: 40.02 ng  
 RT: 10.24 min Scan# 722  
 Delta R.T. 0.00 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

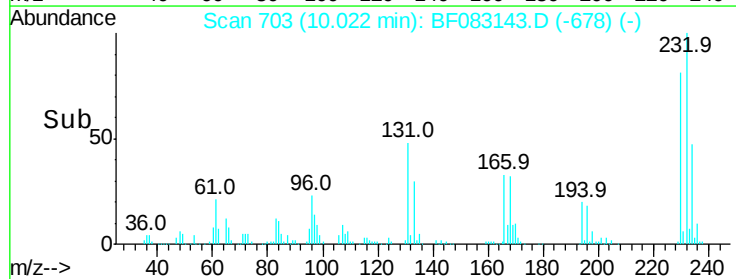
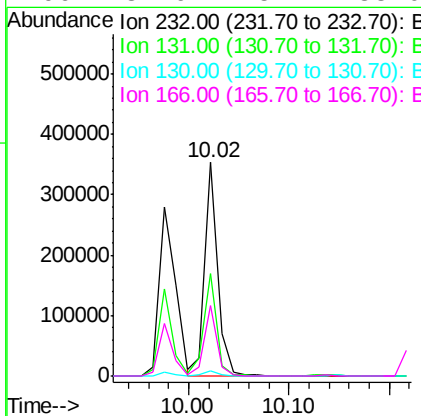
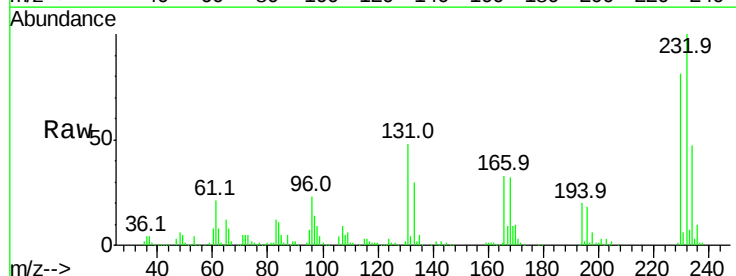
Instrument :  
 BNA\_F  
 ClientSampleId :

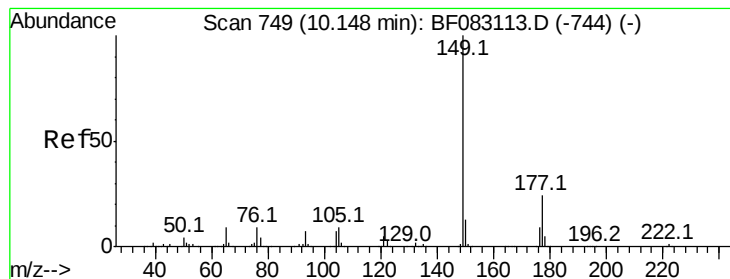
Tot Ion:166 Resp: 1176874  
 Ion Ratio Lower Upper  
 166 100  
 165 98.9 78.0 117.0  
 167 14.0 11.3 16.9



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.20 ng  
 RT: 10.02 min Scan# 703  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Tgt Ion:232 Resp: 320188  
 Ion Ratio Lower Upper  
 232 100  
 131 47.3 38.6 57.8  
 130 2.3 1.9 2.9  
 166 31.9 25.4 38.0





#59

Diethylphthalate

Concen: 41.54 ng

RT: 10.14 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

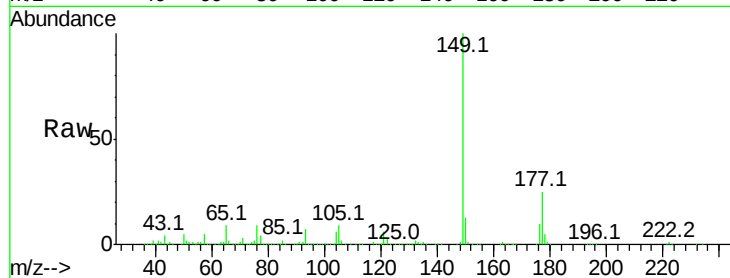
Tot Ion:149 Resp: 1270439

Ion Ratio Lower Upper

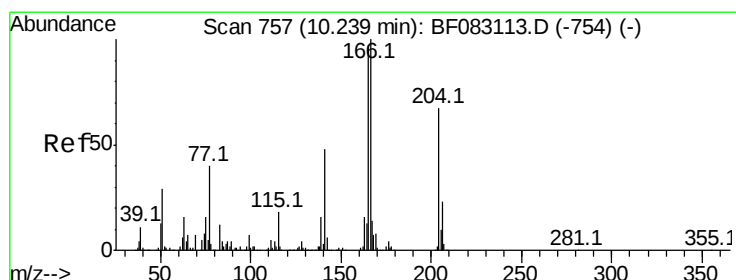
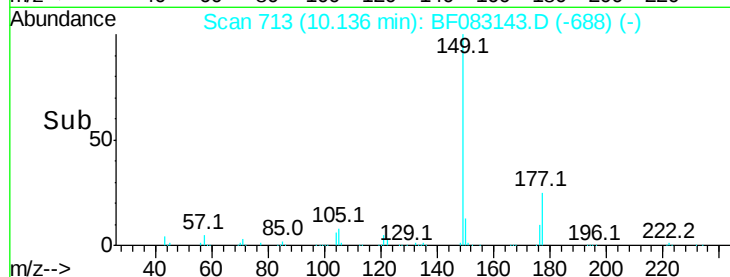
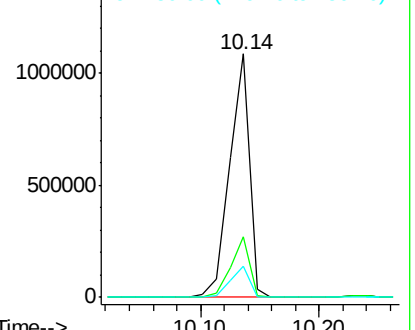
149 100

177 24.6 19.4 29.2

150 12.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.28 ng

RT: 10.24 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

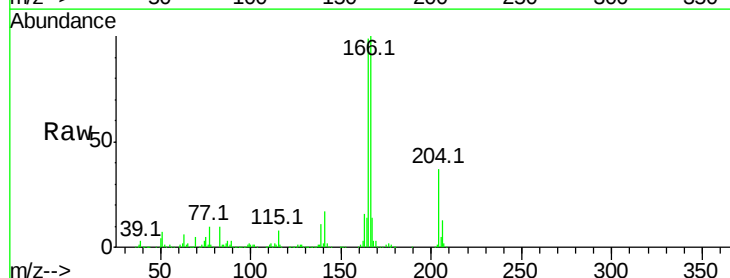
Tgt Ion:204 Resp: 529047

Ion Ratio Lower Upper

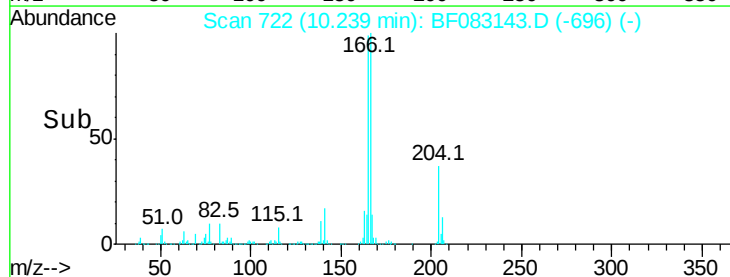
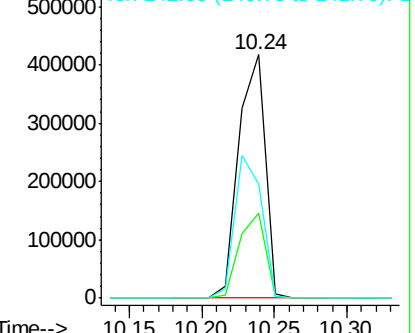
204 100

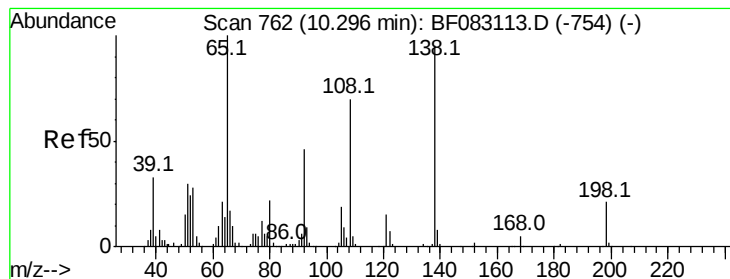
206 34.8 27.4 41.0

141 47.1 57.4 86.2#



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.90 ng

RT: 10.27 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :  
BNA\_F  
ClientSampled :

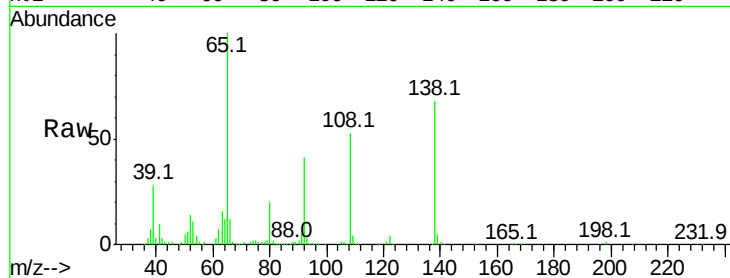
Tot Ion:138 Resp: 267031

Ion Ratio Lower Upper

138 100

92 60.2 28.4 68.4

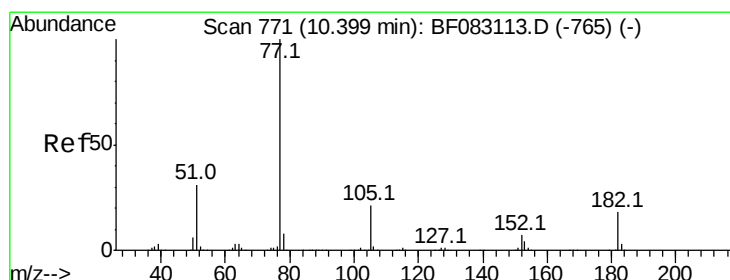
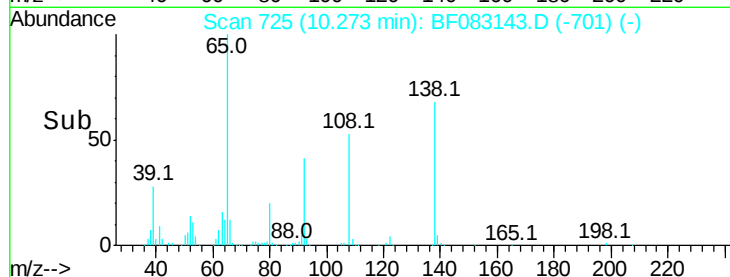
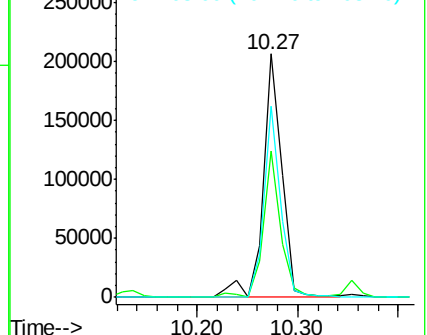
108 78.4 53.5 93.5



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: 40.87 ng

RT: 10.39 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Tgt Ion: 77 Resp: 1426893

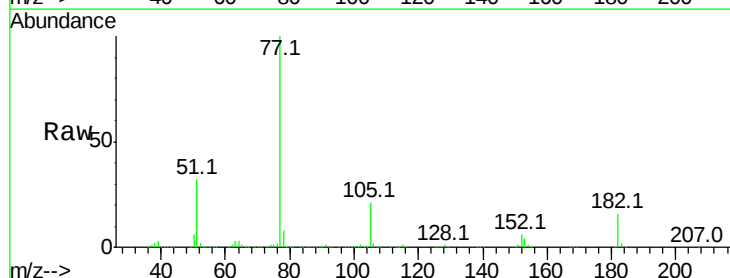
Ion Ratio Lower Upper

77 100

182 15.7 0.0 38.3

105 20.6 1.2 41.2

51 32.3 11.1 51.1

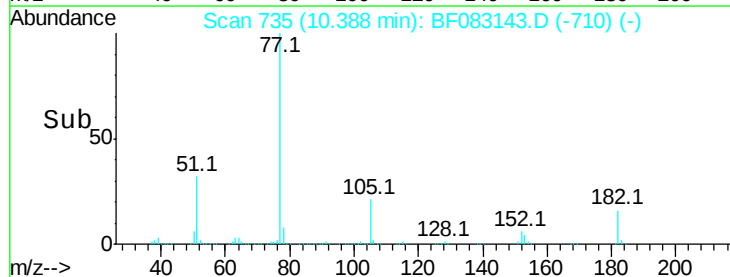
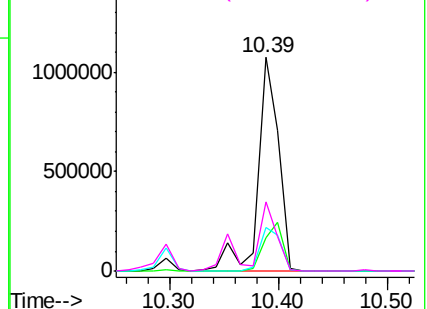


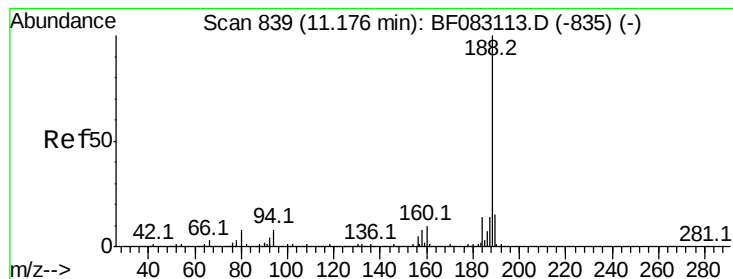
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampled :

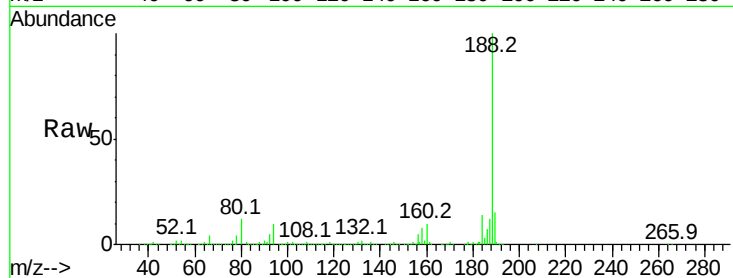
Tot Ion:188 Resp: 726743

Ion Ratio Lower Upper

188 100

94 10.2 6.0 9.0#

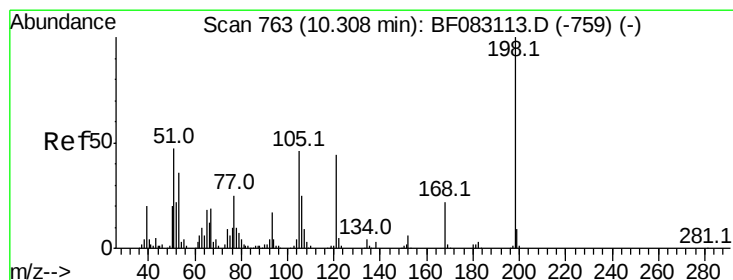
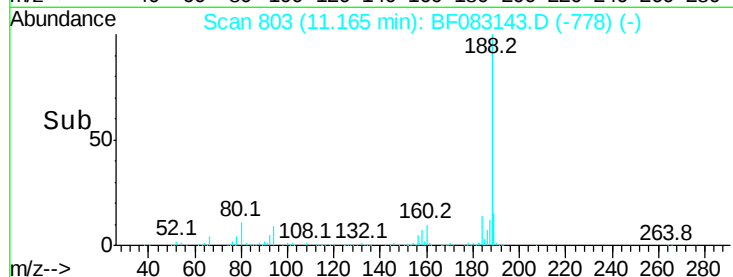
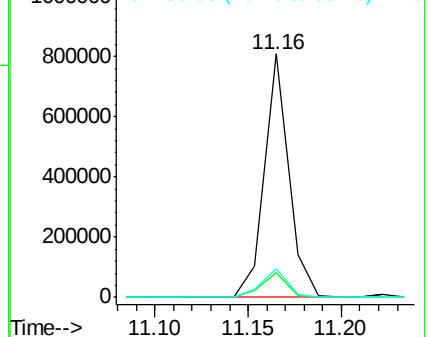
80 11.6 6.7 10.1#



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: 39.41 ng

RT: 10.30 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

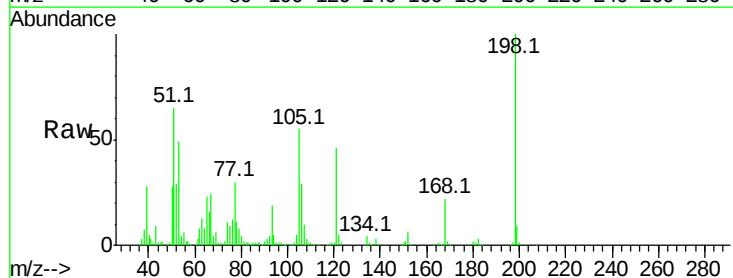
Tgt Ion:198 Resp: 197339

Ion Ratio Lower Upper

198 100

51 64.6 27.0 67.0

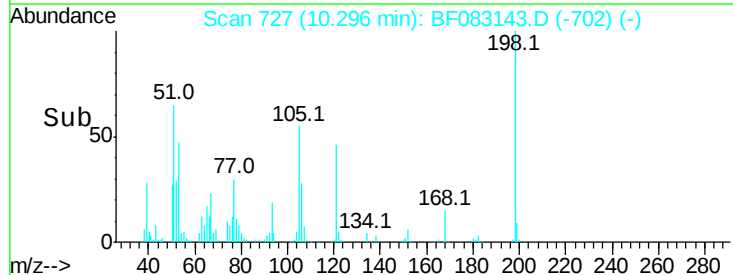
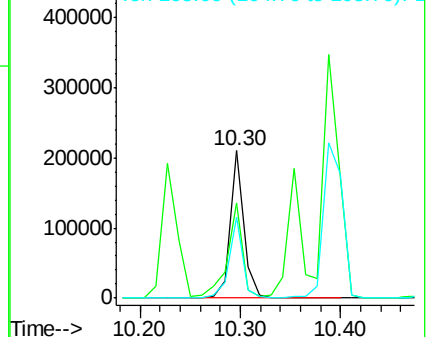
105 54.8 26.1 66.1

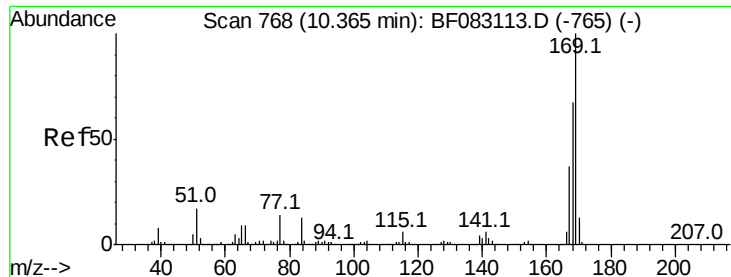


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.81 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

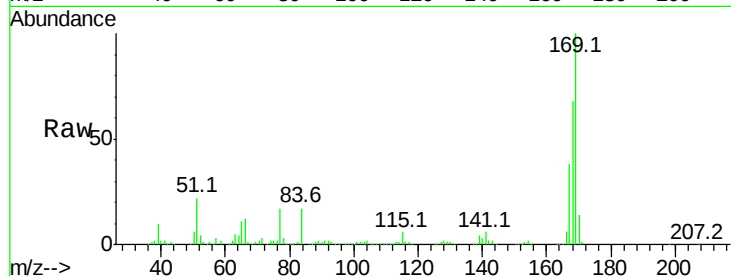
Tot Ion:169 Resp: 959272

Ion Ratio Lower Upper

169 100

168 68.1 53.8 80.6

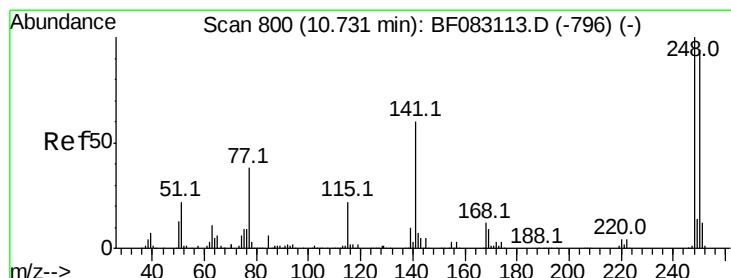
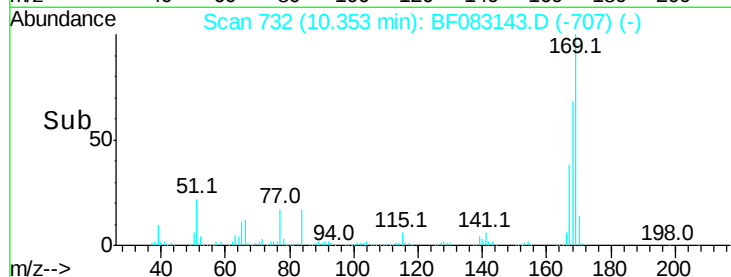
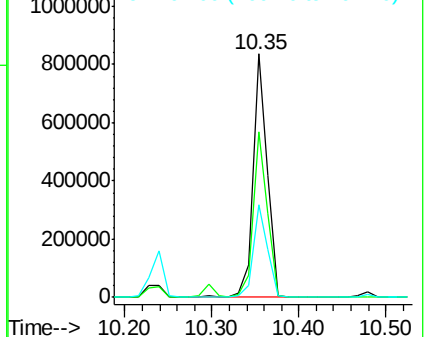
167 37.9 29.8 44.8



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: 41.60 ng

RT: 10.72 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

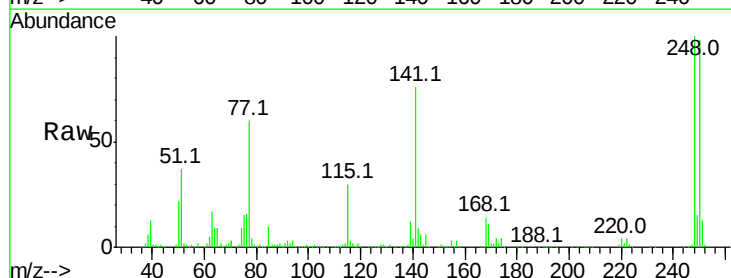
Tgt Ion:248 Resp: 335480

Ion Ratio Lower Upper

248 100

250 97.6 75.4 113.2

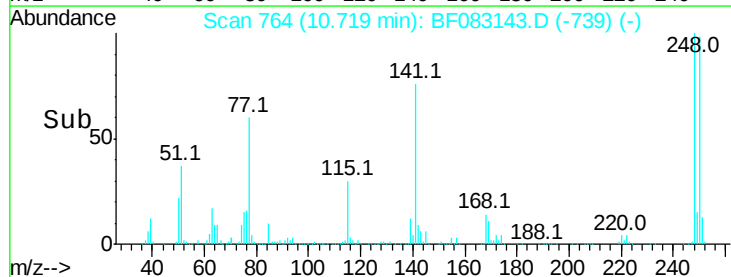
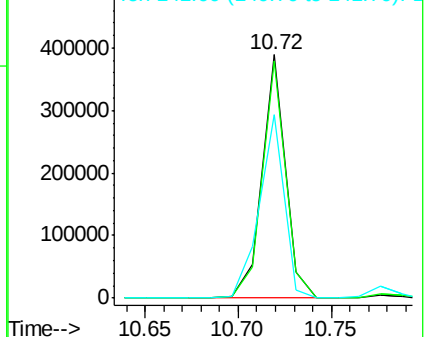
141 75.6 48.1 72.1#

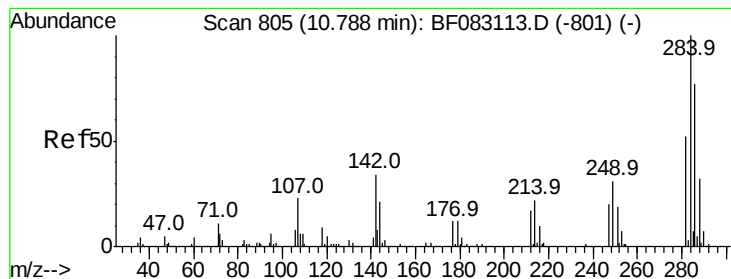


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.10 ng

RT: 10.78 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

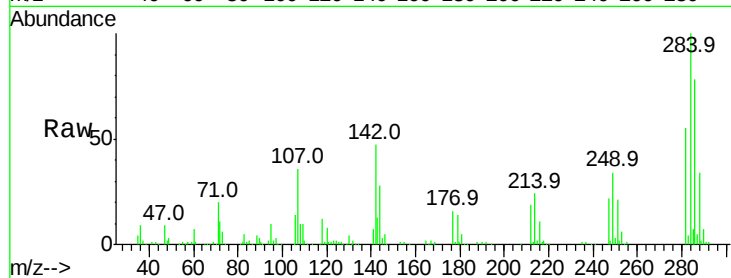
Tot Ion:284 Resp: 356144

Ion Ratio Lower Upper

284 100

142 47.1 27.6 41.4#

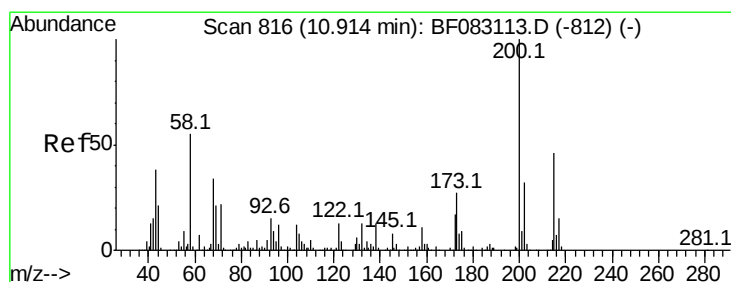
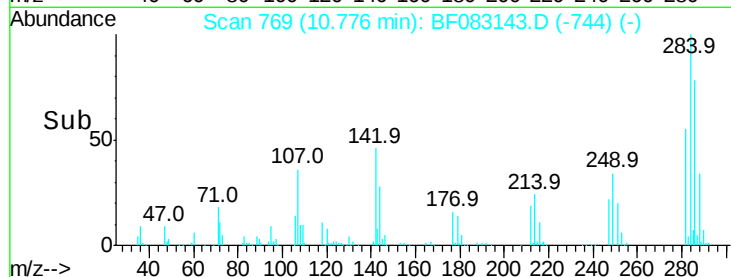
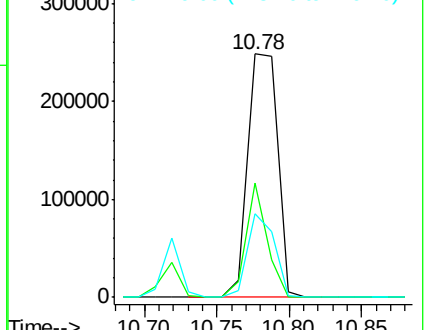
249 34.2 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.91 ng

RT: 10.89 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

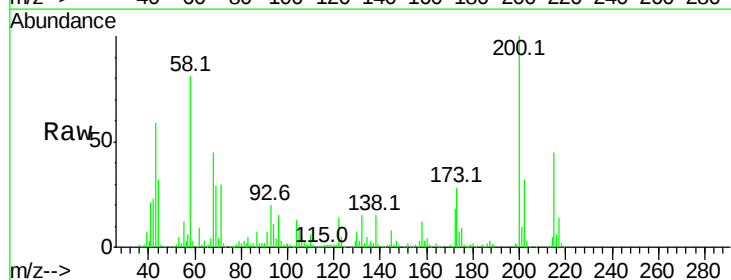
Tgt Ion:200 Resp: 308020

Ion Ratio Lower Upper

200 100

173 28.0 7.2 47.2

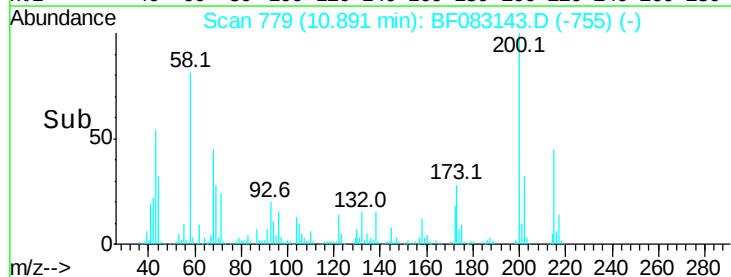
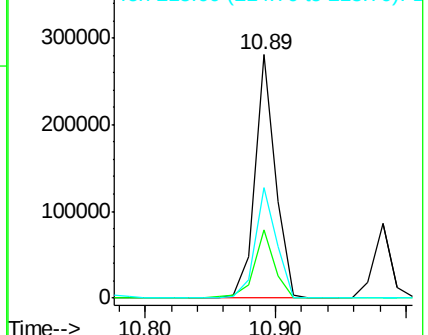
215 45.1 25.7 65.7

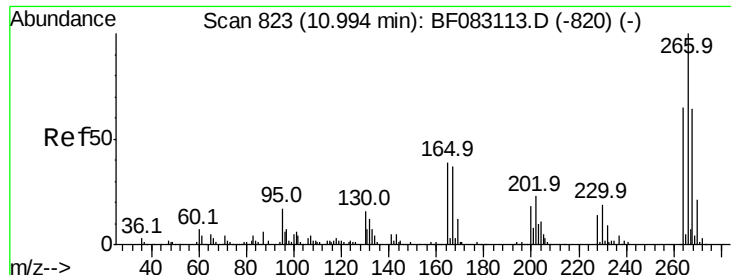


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

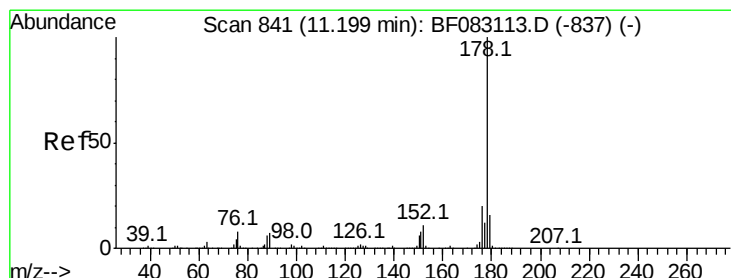
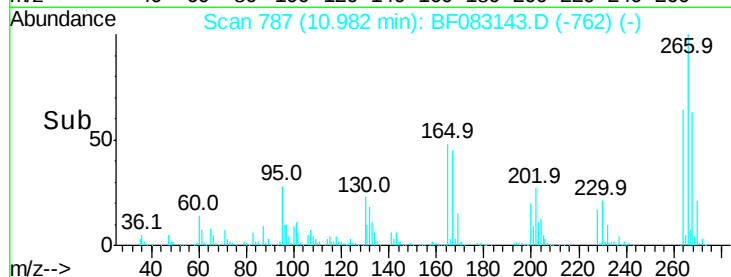
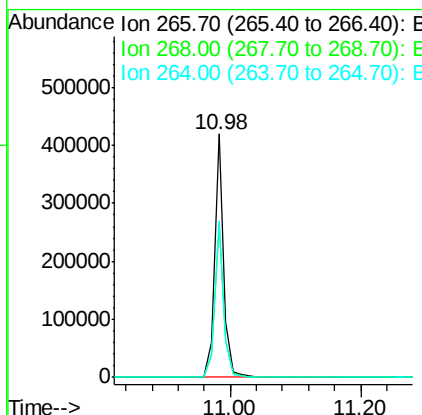
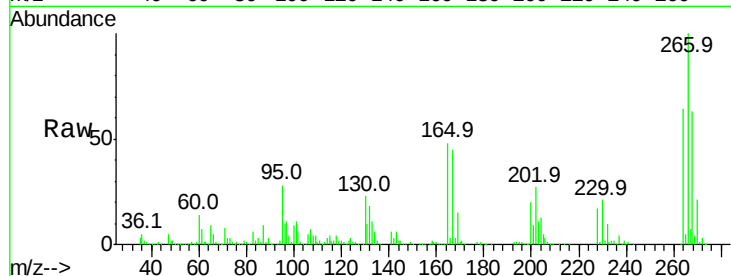




#69  
 Pentachlorophenol  
 Concen: 71.71 ng  
 RT: 10.98 min Scan# 787  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

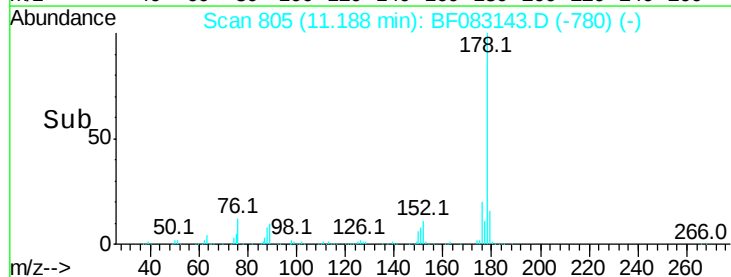
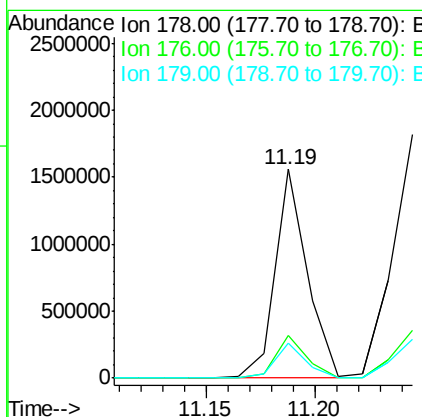
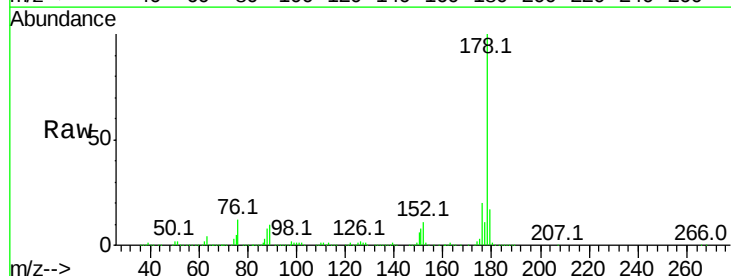
Instrument :  
 BNA\_F  
 ClientSampleId :

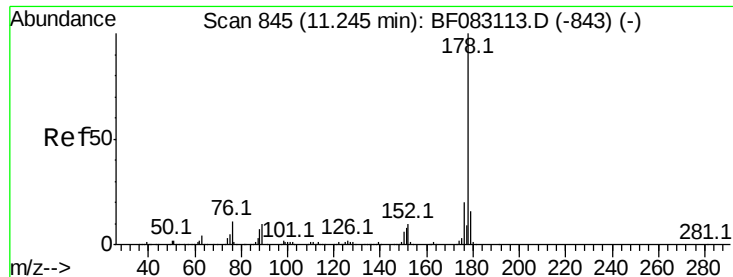
Tot Ion:266 Resp: 414809  
 Ion Ratio Lower Upper  
 266 100  
 268 62.5 51.4 77.0  
 264 64.3 51.7 77.5



#70  
 Phenanthrene  
 Concen: 38.20 ng  
 RT: 11.19 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Tgt Ion:178 Resp: 1599414  
 Ion Ratio Lower Upper  
 178 100  
 176 20.5 16.2 24.2  
 179 16.7 12.8 19.2

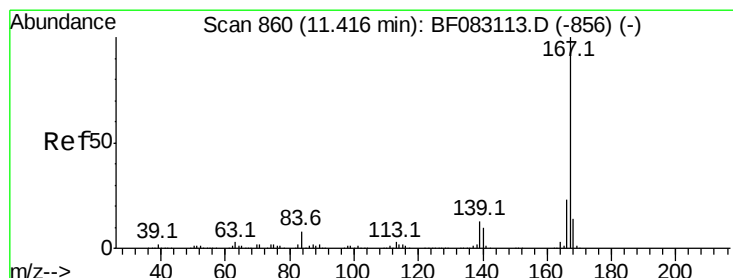
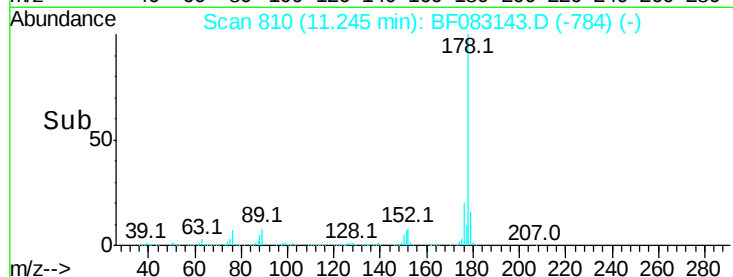
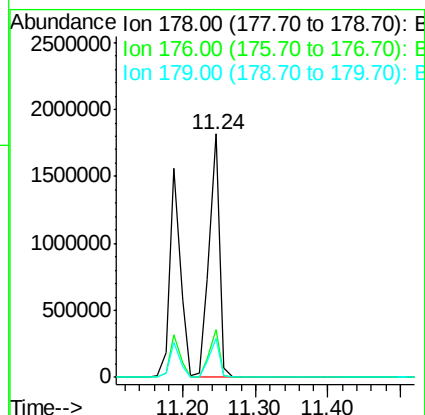
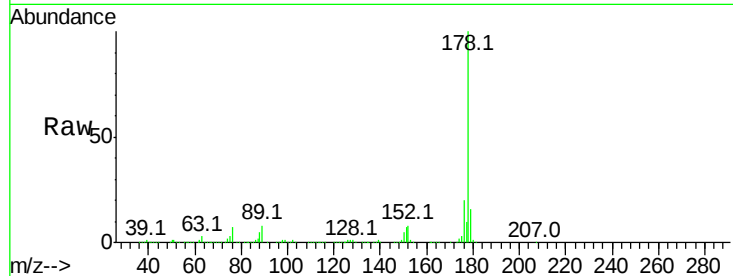




#71  
 Anthracene  
 Concen: 42.69 ng  
 RT: 11.24 min Scan# 810  
 Delta R.T. 0.00 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

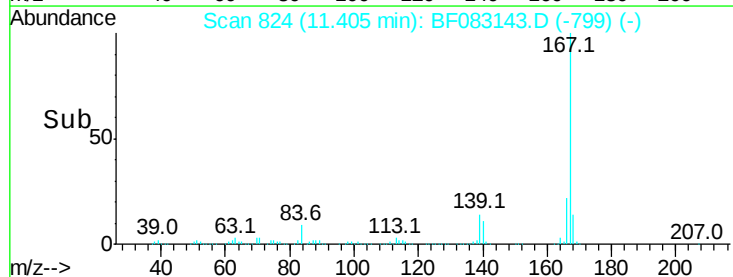
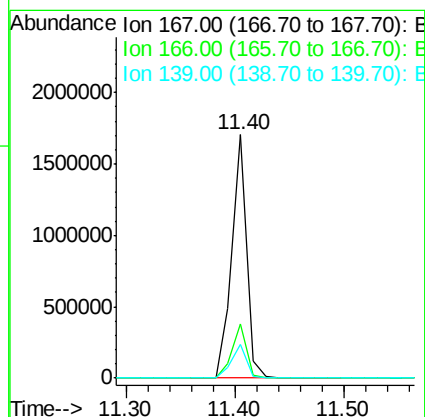
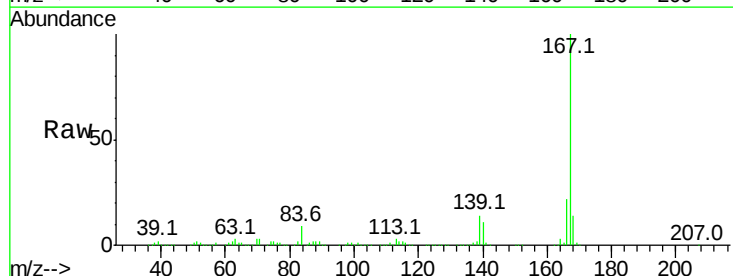
Instrument :  
 BNA\_F  
 ClientSampleId :

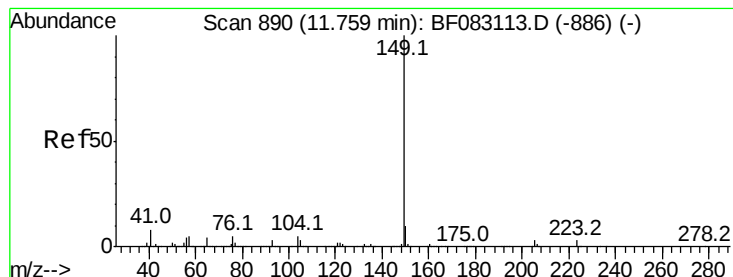
Tot Ion:178 Resp: 1823520  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 15.6 23.4  
 179 15.9 13.2 19.8



#72  
 Carbazole  
 Concen: 42.33 ng  
 RT: 11.40 min Scan# 824  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Tgt Ion:167 Resp: 1607361  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 18.0 27.0  
 139 13.6 10.5 15.7





#73

Di-n-butylphthalate

Concen: 41.91 ng

RT: 11.75 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

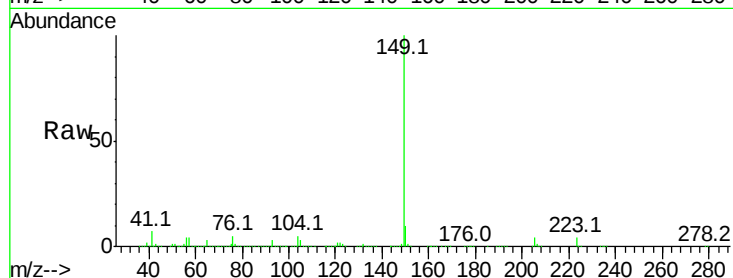
Tot Ion:149 Resp: 1942595

Ion Ratio Lower Upper

149 100

150 9.7 8.0 12.0

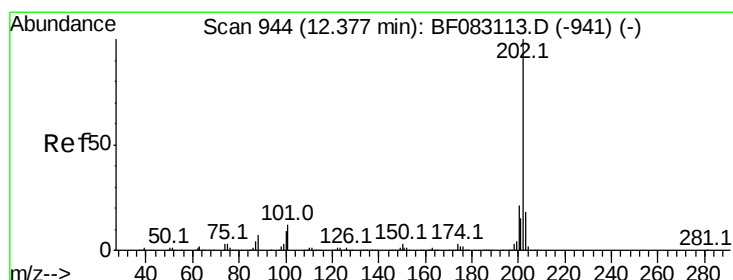
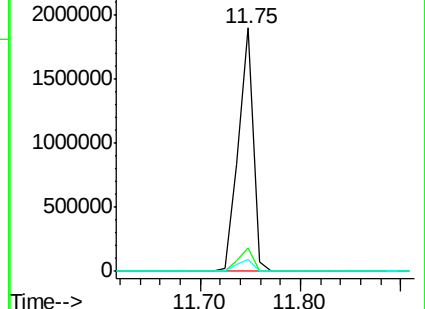
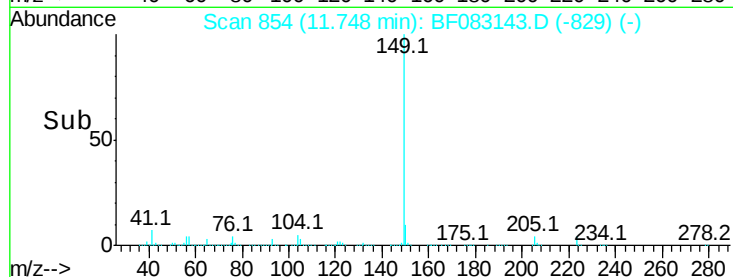
104 4.7 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.79 ng

RT: 12.37 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

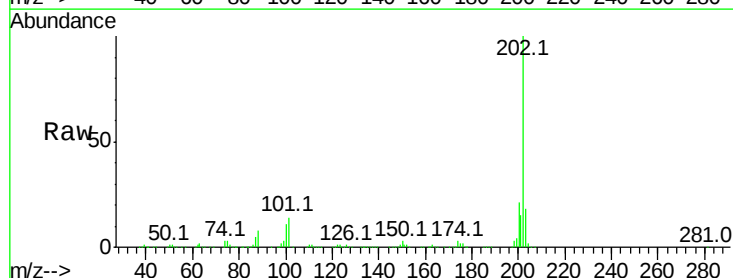
Tgt Ion:202 Resp: 1705102

Ion Ratio Lower Upper

202 100

101 14.4 0.0 32.3

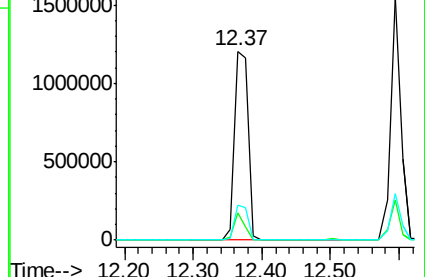
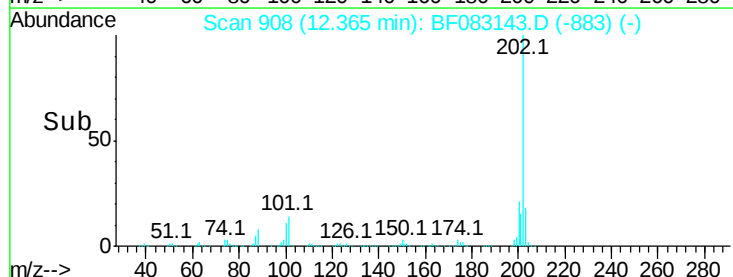
203 18.4 0.0 38.4

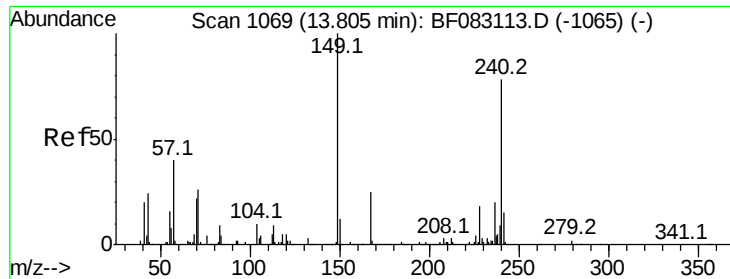


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

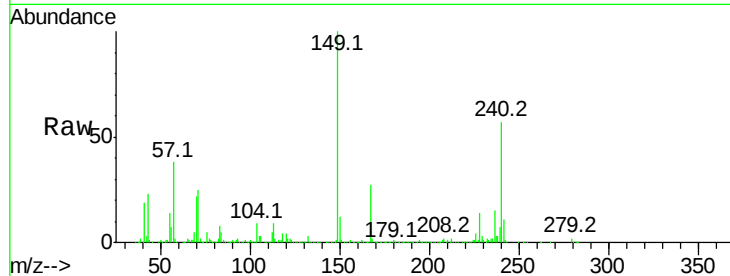
Tot Ion:240 Resp: 595011

Ion Ratio Lower Upper

240 100

120 7.8 5.4 8.2

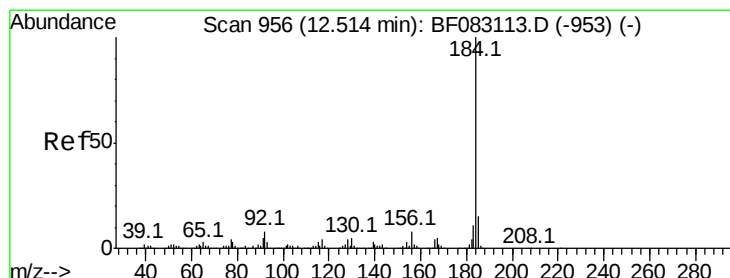
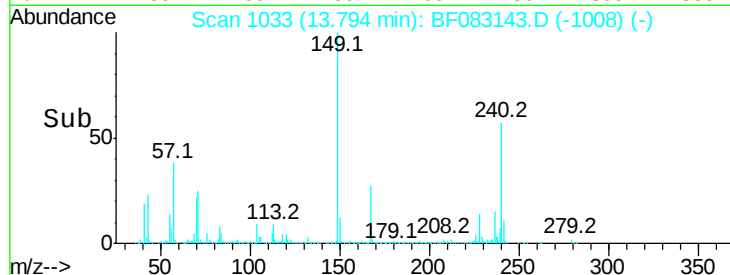
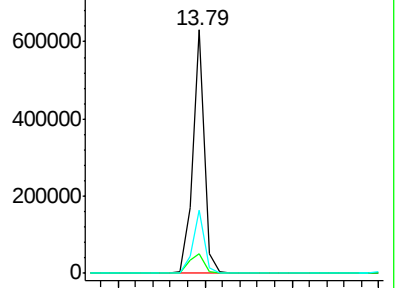
236 26.0 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.42 ng

RT: 12.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

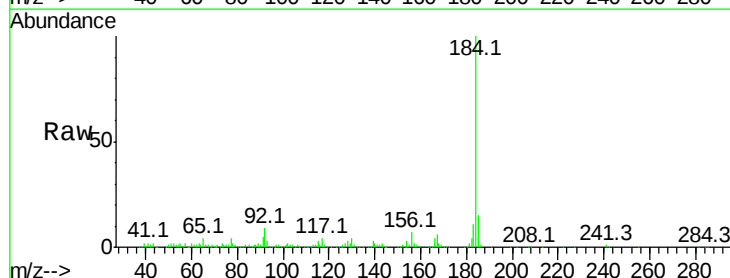
Tgt Ion:184 Resp: 739459

Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

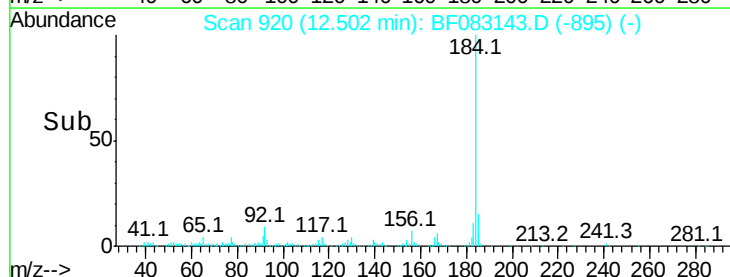
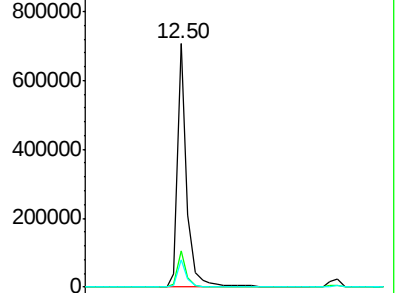
183 11.1 8.8 13.2

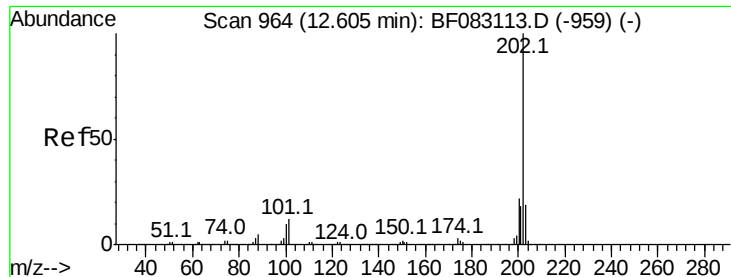


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.62 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :  
BNA\_F  
ClientSampleId :

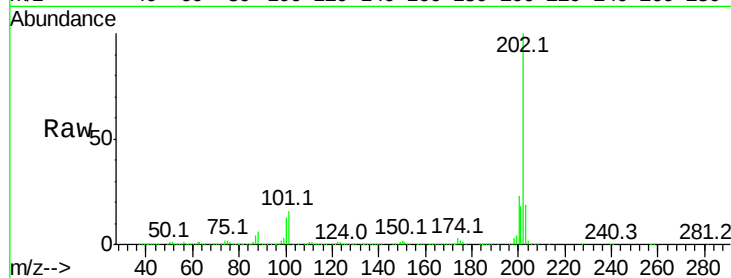
Tot Ion:202 Resp: 1610664

Ion Ratio Lower Upper

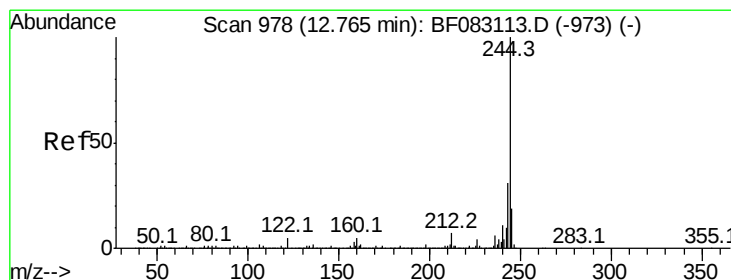
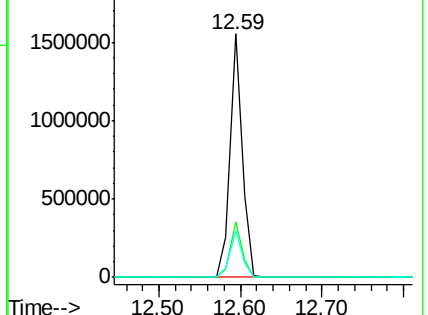
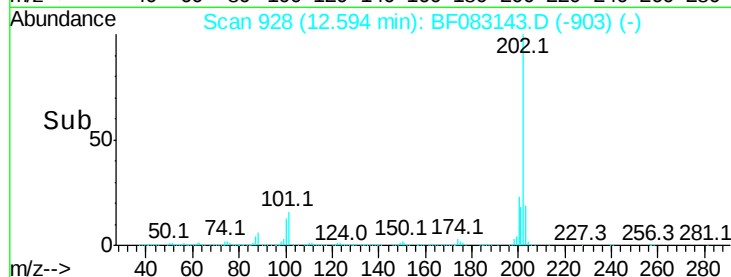
202 100

200 22.7 17.8 26.6

203 19.0 15.0 22.4



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



#78

Terphenyl-d14

Concen: 84.73 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

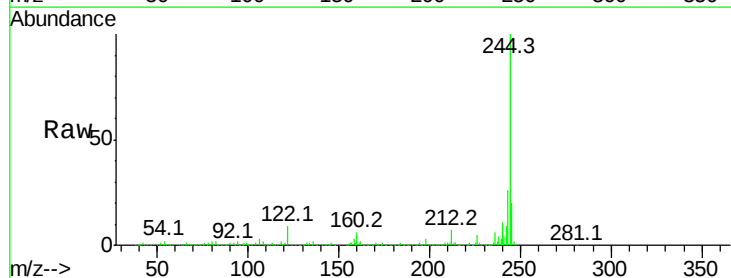
Tgt Ion:244 Resp: 2140930

Ion Ratio Lower Upper

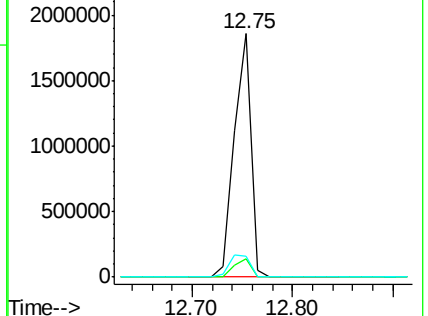
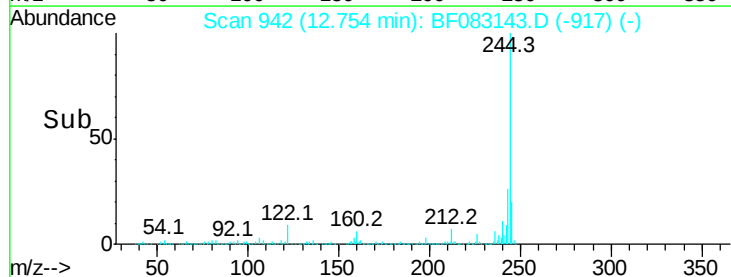
244 100

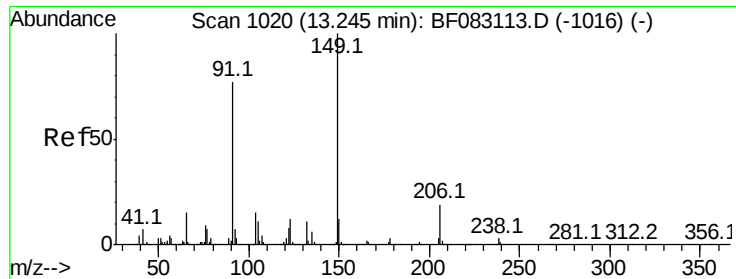
212 7.5 5.4 8.2

122 8.5 4.3 6.5#



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

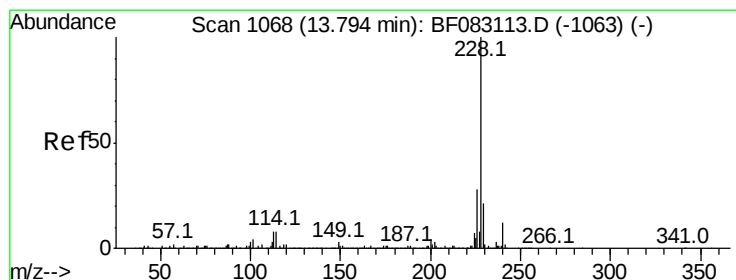
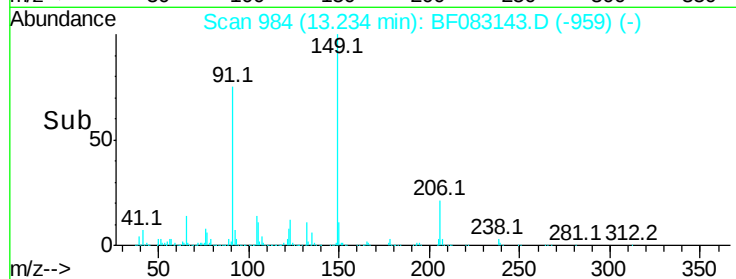
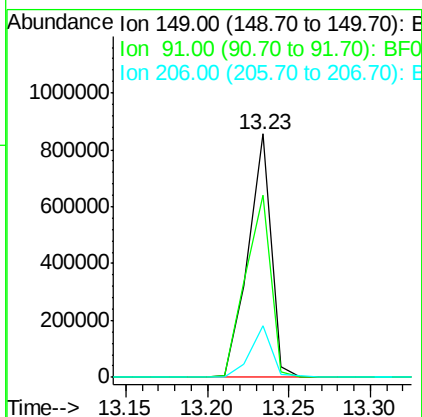
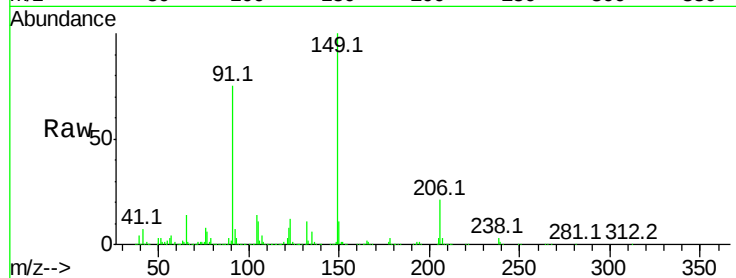




#79  
Butylbenzylphthalate  
Concen: 43.66 ng  
RT: 13.23 min Scan# 984  
Delta R.T. -0.01 min  
Lab File: BF083143.D  
Acq: 22 Nov 2015 7:28

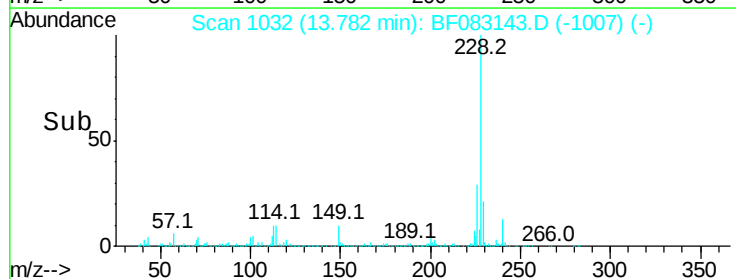
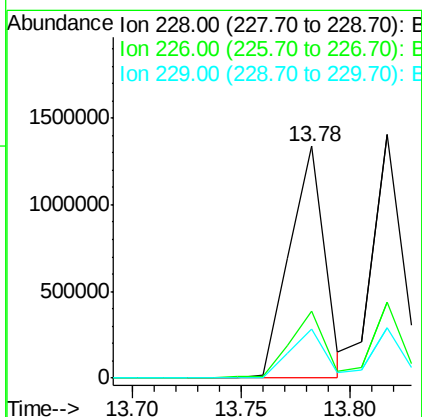
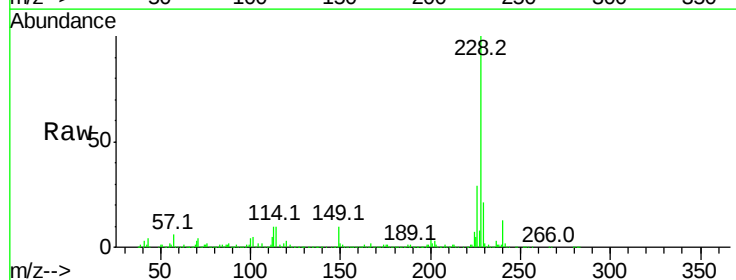
Instrument :  
BNA\_F  
ClientSampleId :

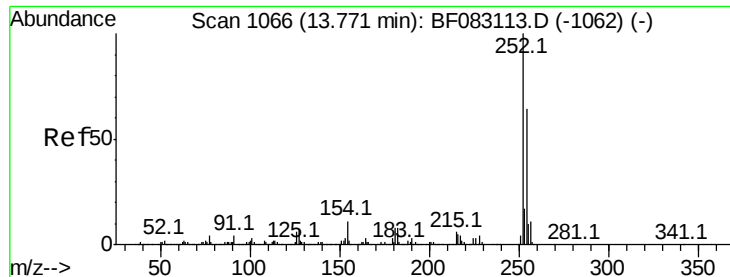
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 74.7  | 61.5  | 92.3  |
| 206     | 21.2  | 15.3  | 22.9  |



#80  
Benzo(a)anthracene  
Concen: 41.06 ng  
RT: 13.78 min Scan# 1032  
Delta R.T. -0.01 min  
Lab File: BF083143.D  
Acq: 22 Nov 2015 7:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.8  | 22.6  | 33.8  |
| 229     | 21.1  | 16.6  | 24.8  |

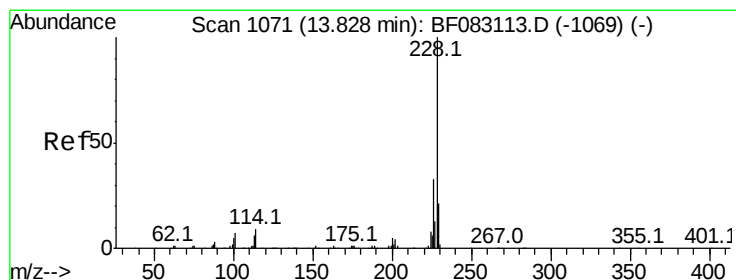
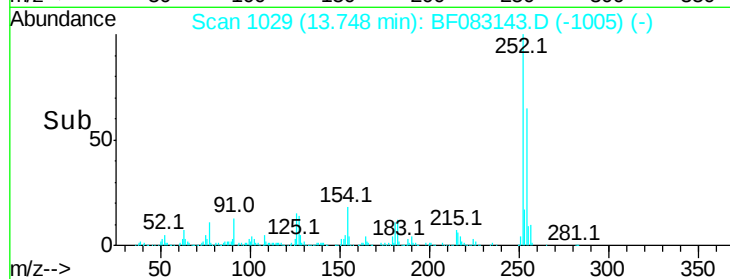
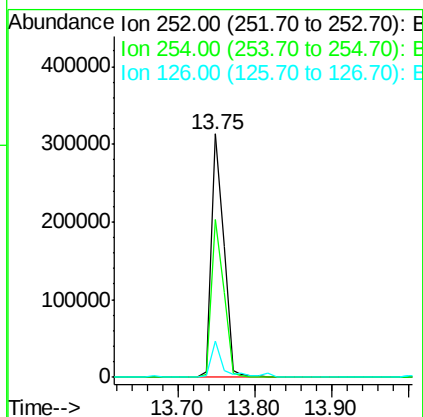
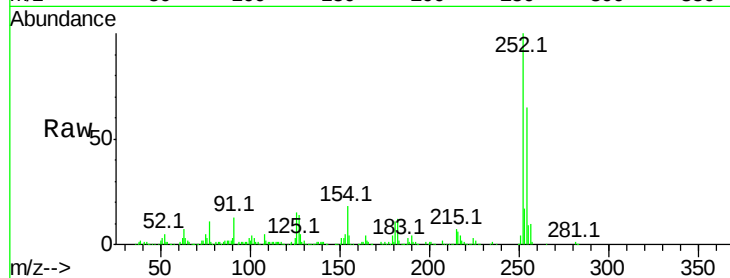




#81  
 3,3'-Dichlorobenzidine  
 Concen: 27.23 ng  
 RT: 13.75 min Scan# 1029  
 Delta R.T. -0.02 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

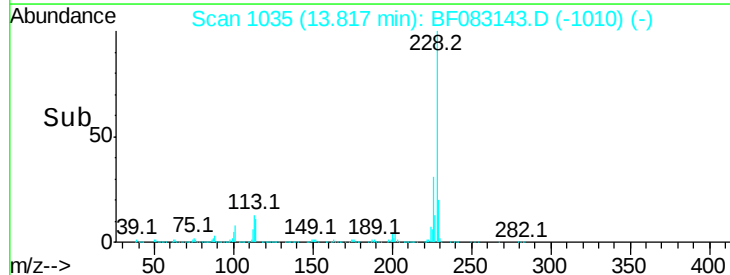
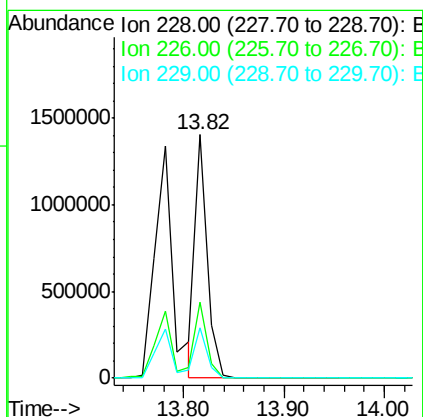
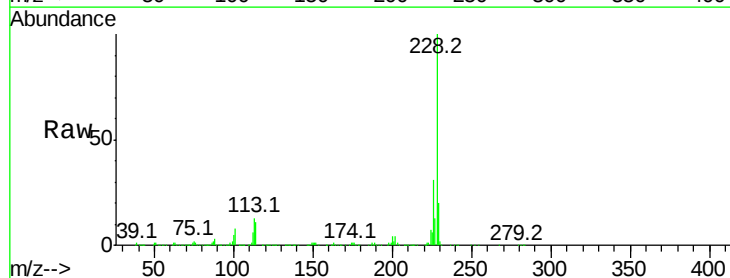
Instrument :  
 BNA\_F  
 ClientSampleId :

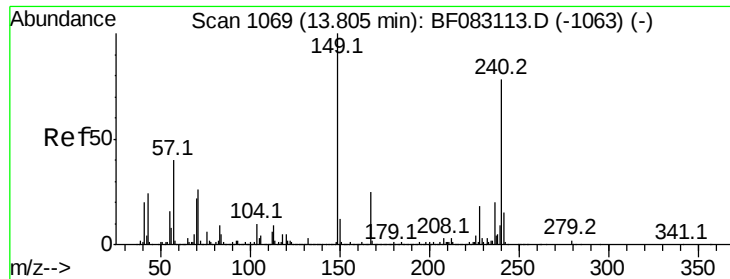
Tot Ion:252 Resp: 348776  
 Ion Ratio Lower Upper  
 252 100  
 254 65.1 51.5 77.3  
 126 14.9 5.2 7.8#



#82  
 Chrysene  
 Concen: 35.06 ng  
 RT: 13.82 min Scan# 1035  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Tgt Ion:228 Resp: 1196487  
 Ion Ratio Lower Upper  
 228 100  
 226 30.9 25.5 38.3  
 229 20.4 16.6 25.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.73 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

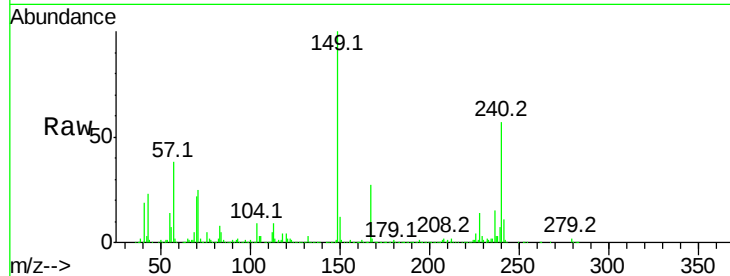
Tot Ion:149 Resp: 1098790

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.8  | 20.1  | 30.1  |
| 279 | 2.5   | 1.7   | 2.5   |

149 100

167 26.8 20.1 30.1

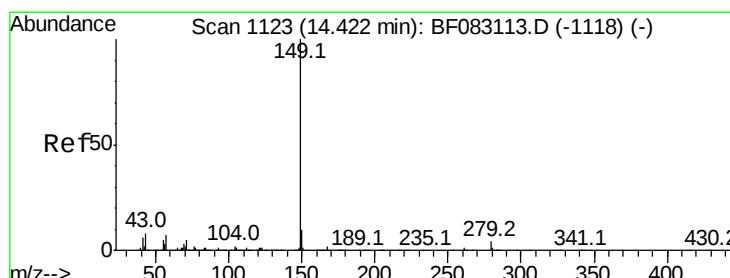
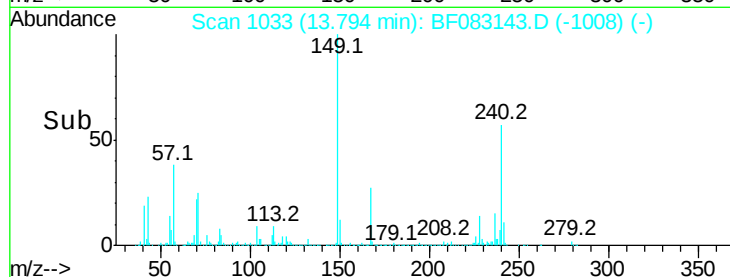
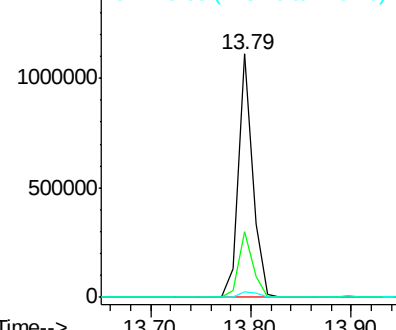
279 2.5 1.7 2.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.79 ng

RT: 14.40 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

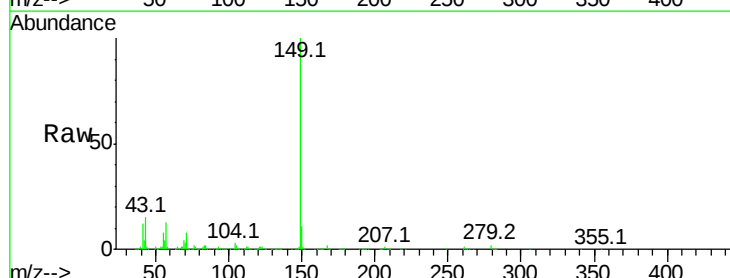
Tgt Ion:149 Resp: 1850810

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.5   | 1.2   | 1.8   |
| 43  | 13.0  | 9.5   | 14.3  |

149 100

167 1.5 1.2 1.8

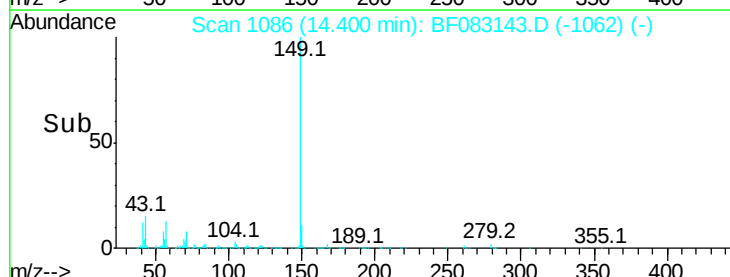
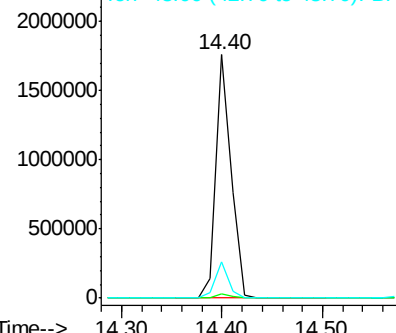
43 13.0 9.5 14.3

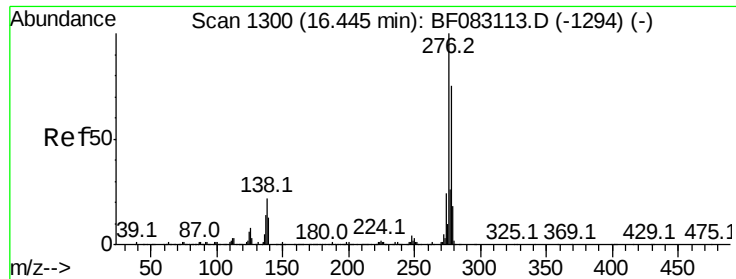


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



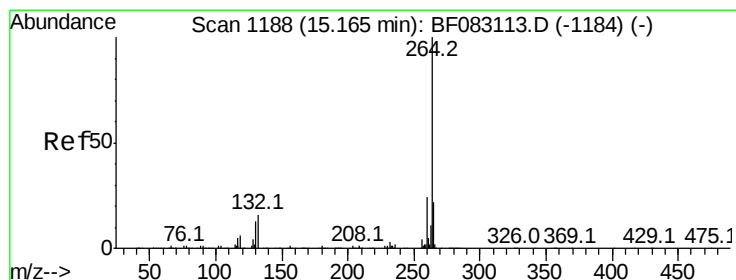
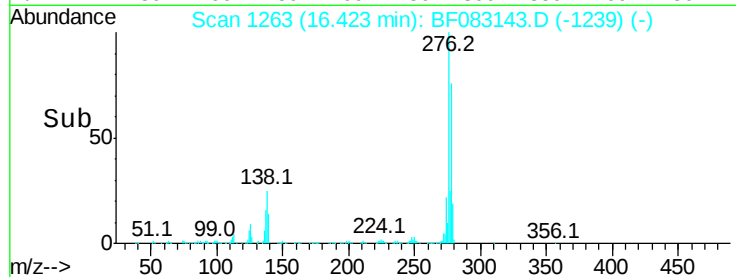
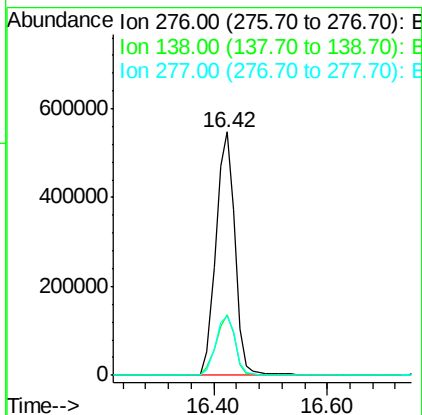
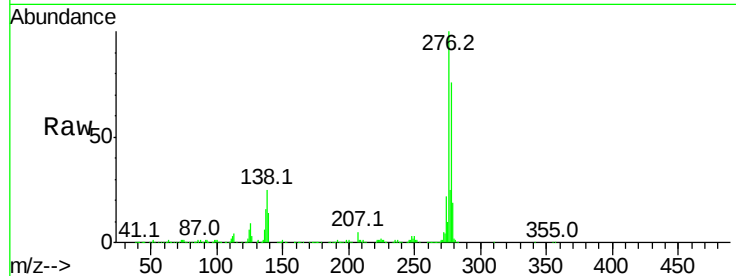


#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.09 ng  
 RT: 16.42 min Scan# 1263  
 Delta R.T. -0.02 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:276 Resp: 1275381  

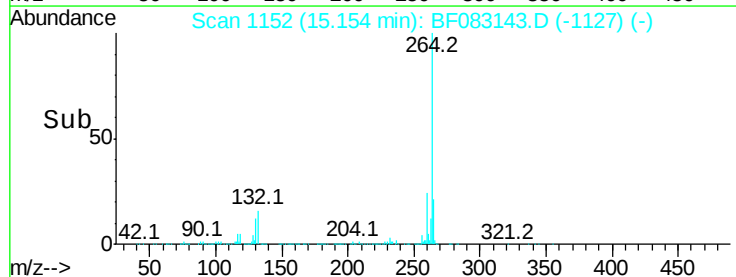
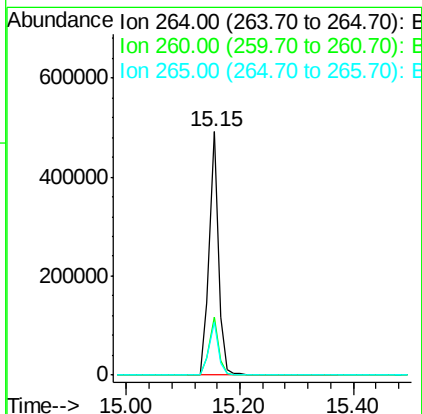
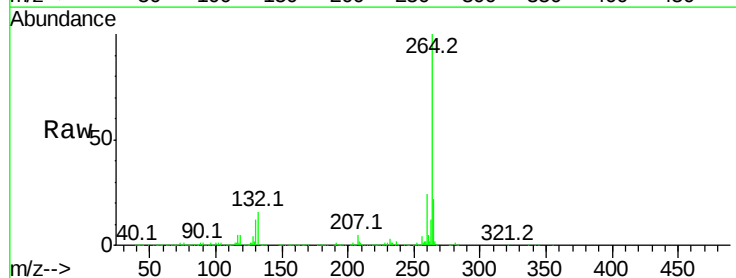
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 24.8  | 18.0  | 27.0  |
| 277 | 25.1  | 20.2  | 30.4  |

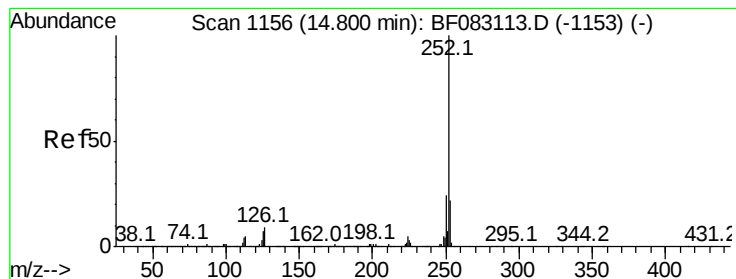


#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.15 min Scan# 1152  
 Delta R.T. -0.01 min  
 Lab File: BF083143.D  
 Acq: 22 Nov 2015 7:28

Tgt Ion:264 Resp: 538131  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.9  | 19.1  | 28.7  |
| 265 | 21.6  | 18.2  | 27.4  |





#87

Benzo(b)fluoranthene

Concen: 69.74 ng

RT: 14.81 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

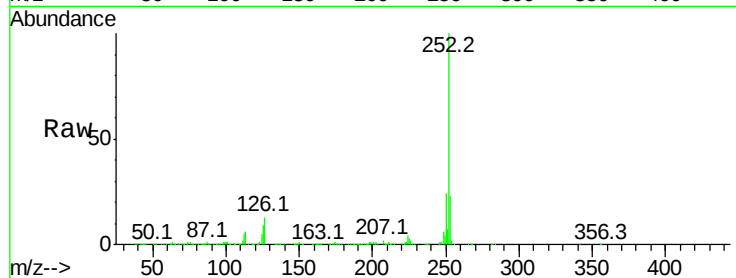
Tot Ion:252 Resp: 2564246

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

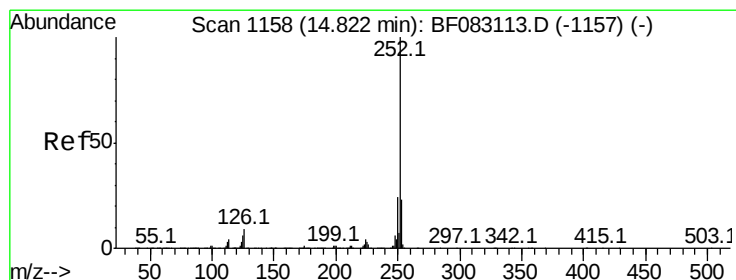
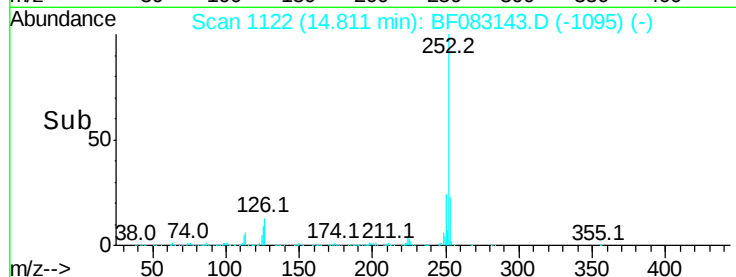
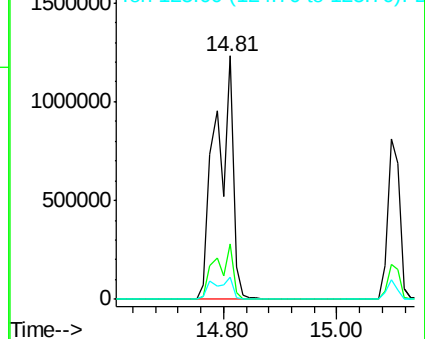
125 9.1 5.6 8.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 93.60 ng

RT: 14.81 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

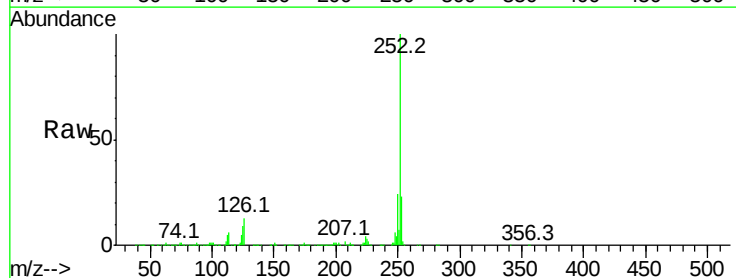
Tgt Ion:252 Resp: 2564246

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

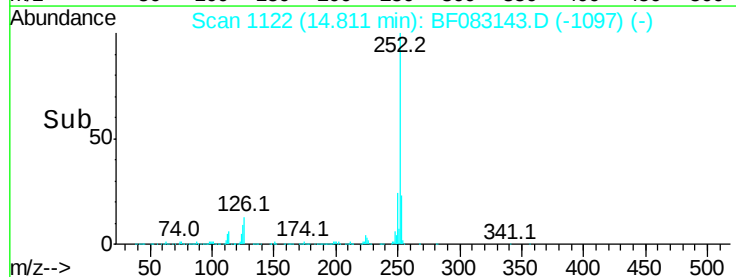
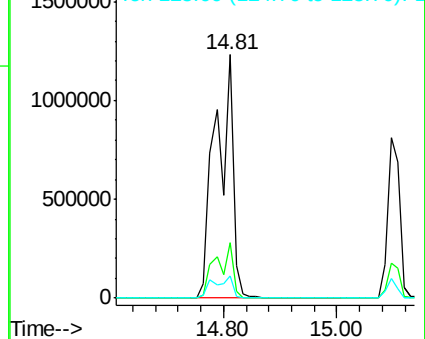
125 9.1 6.8 10.2

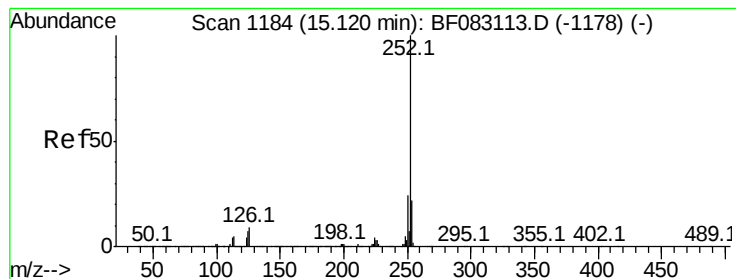


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.88 ng

RT: 15.10 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

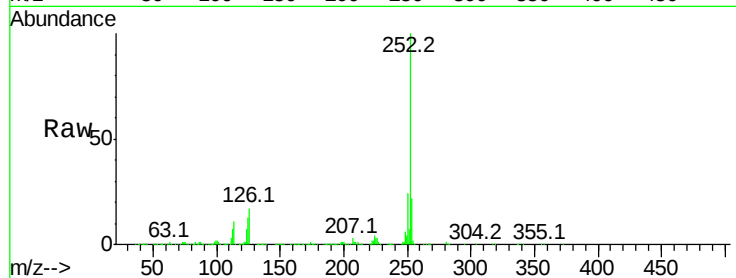
Tot Ion:252 Resp: 1210473

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

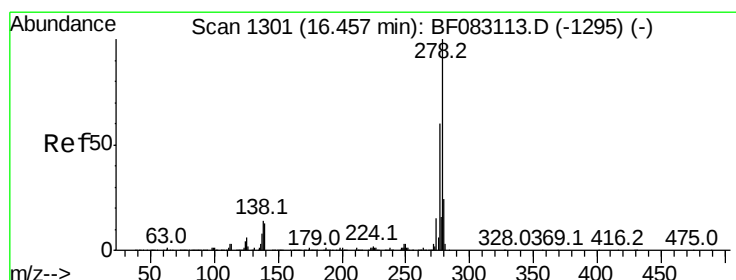
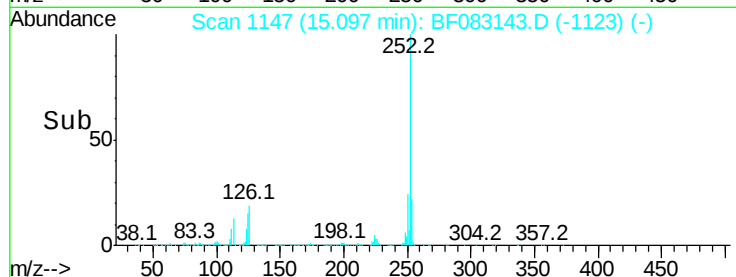
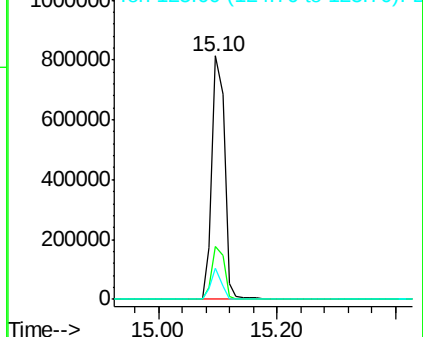
125 12.6 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.08 ng

RT: 16.43 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

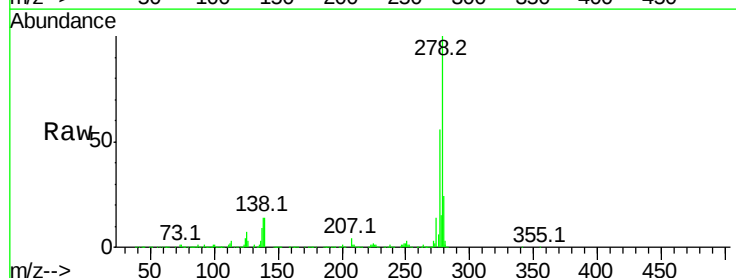
Tgt Ion:278 Resp: 1077690

Ion Ratio Lower Upper

278 100

139 13.9 10.7 16.1

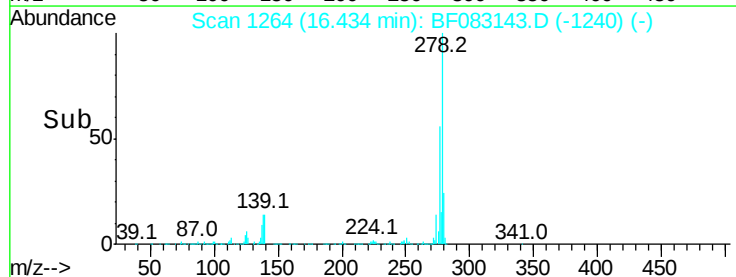
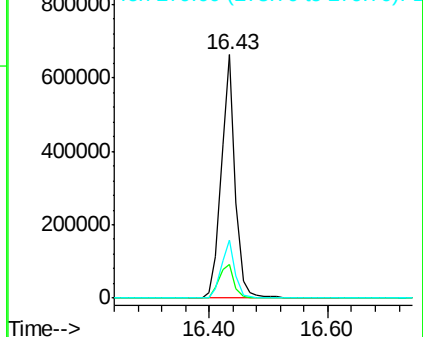
279 24.1 19.3 28.9

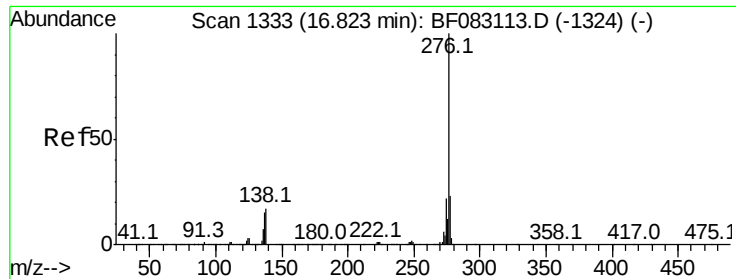


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.81 ng

RT: 16.80 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF083143.D

Acq: 22 Nov 2015 7:28

Instrument :

BNA\_F

ClientSampleId :

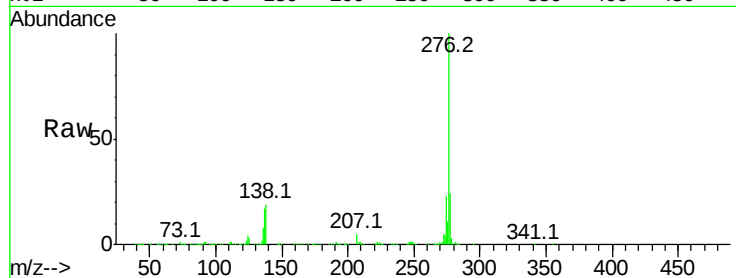
Tot Ion:276 Resp: 1044723

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 19.3 13.9 20.9



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

