

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\  
 Data File : BF093830.D  
 Acq On : 22 Mar 2017 14:18  
 Operator : SJ/MA  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Mar 22 17:36:06 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 22 17:04:40 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 5.99  | 152  | 193133   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.49  | 136  | 771523   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.63  | 164  | 351811   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.46 | 188  | 628270   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.71 | 240  | 555299   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 16.35 | 264  | 484960   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |      |    |       |
|--------------------------|-------|-----|--------|------|----|-------|
| 5) 2-Fluorophenol        | 4.50  | 112 | 61249  | 5.55 | ng | 0.00  |
| 7) Phenol-d6             | 5.55  | 99  | 75148  | 5.51 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 6.62  | 82  | 67881  | 4.99 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.60 | 330 | 13903  | 5.10 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 0.00  | 172 | 0d     | 0.00 | ng |       |
| 78) Terphenyl-d14        | 13.43 | 244 | 140264 | 5.15 | ng | -0.01 |

## Target Compounds

|                                |      |     |        |      |    | Qvalue |
|--------------------------------|------|-----|--------|------|----|--------|
| 2) 1,4-Dioxane                 | 2.37 | 88  | 14383  | 2.57 | ng | 94     |
| 3) Pyridine                    | 2.87 | 79  | 33619  | 2.24 | ng | # 93   |
| 4) n-Nitrosodimethylamine      | 2.80 | 42  | 14167  | 2.19 | ng | # 93   |
| 6) Aniline                     | 5.60 | 93  | 48795  | 2.56 | ng | 95     |
| 8) 2-Chlorophenol              | 5.73 | 128 | 32592  | 2.68 | ng | 95     |
| 9) Benzaldehyde                | 5.47 | 77  | 25809  | 2.68 | ng | 96     |
| 10) Phenol                     | 5.56 | 94  | 39274  | 2.56 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 5.67 | 93  | 31783  | 2.55 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 5.92 | 146 | 36154  | 2.62 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.00 | 146 | 37466  | 2.67 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 6.18 | 146 | 35383  | 2.74 | ng | 97     |
| 15) Benzyl Alcohol             | 6.13 | 79  | 25700  | 2.54 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.30 | 45  | 49491  | 2.50 | ng | 99     |
| 17) 2-Methylphenol             | 6.27 | 107 | 27071  | 2.54 | ng | 97     |
| 18) Hexachloroethane           | 6.58 | 117 | 12268  | 2.46 | ng | 86     |
| 19) n-Nitroso-di-n-propylamine | 6.45 | 70  | 22742  | 2.54 | ng | # 96   |
| 20) 3+4-Methylphenols          | 6.45 | 107 | 35992  | 2.85 | ng | # 83   |
| 22) Acetophenone               | 6.45 | 105 | 48299  | 2.89 | ng | # 92   |
| 24) Nitrobenzene               | 6.65 | 77  | 34343  | 2.64 | ng | 97     |
| 25) Isophorone                 | 6.93 | 82  | 59503  | 2.47 | ng | 97     |
| 26) 2-Nitrophenol              | 7.03 | 139 | 12317  | 2.10 | ng | # 94   |
| 27) 2,4-Dimethylphenol         | 7.08 | 122 | 26415  | 2.19 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.20 | 93  | 41110  | 2.65 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.32 | 162 | 24747  | 2.41 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.42 | 180 | 28095  | 2.63 | ng | 99     |
| 31) Naphthalene                | 7.52 | 128 | 101670 | 2.84 | ng | 99     |
| 33) 4-Chloroaniline            | 7.57 | 127 | 39580  | 2.57 | ng | 95     |
| 34) Hexachlorobutadiene        | 7.67 | 225 | 14151  | 2.52 | ng | 96     |
| 35) Caprolactam                | 7.95 | 113 | 7298   | 2.26 | ng | 90     |
| 36) 4-Chloro-3-methylphenol    | 8.16 | 107 | 27173  | 2.55 | ng | 89     |
| 37) 2-Methylnaphthalene        | 8.36 | 142 | 66775  | 2.86 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.56 | 216 | 27019  | 2.90 | ng | 98     |
| 42) 2,4,6-Trichlorophenol      | 8.70 | 196 | 16386  | 2.42 | ng | 98     |
| 43) 2,4,5-Trichlorophenol      | 8.74 | 196 | 17901  | 2.55 | ng | # 90   |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

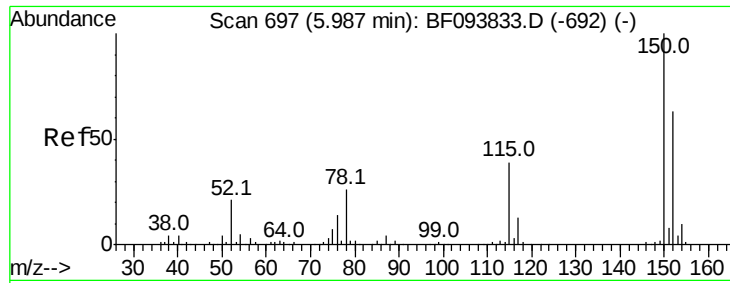
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Mar 22 17:36:06 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 22 17:04:40 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 45) 1,1'-Biphenyl              | 8.93  | 154  | 79707    | 2.79 | nq    | 94       |
| 46) 2-Chloronaphthalene        | 8.95  | 162  | 61256    | 2.79 | nq    | 96       |
| 47) 2-Nitroaniline             | 9.06  | 65   | 14520    | 2.37 | nq    | 99       |
| 48) Acenaphthylene             | 9.46  | 152  | 99856    | 2.80 | nq    | 97       |
| 49) Dimethylphthalate          | 9.30  | 163  | 68002    | 2.72 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.37  | 165  | 12654    | 2.30 | nq    | # 71     |
| 51) Acenaphthene               | 9.67  | 154  | 61196    | 2.87 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.57  | 138  | 15615    | 2.37 | nq    | 95       |
| 54) Dibenzofuran               | 9.88  | 168  | 81685    | 2.85 | nq    | 100      |
| 55) 4-Nitrophenol              | 9.77  | 139  | 10882    | 2.20 | nq    | # 57     |
| 56) 2,4-Dinitrotoluene         | 9.86  | 165  | 16068    | 2.30 | nq    | # 81     |
| 57) Fluorene                   | 10.30 | 166  | 70044    | 3.19 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.03 | 232  | 11968    | 2.48 | nq    | # 99     |
| 59) Diethylphthalate           | 10.18 | 149  | 65697    | 2.69 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.32 | 204  | 30453    | 3.29 | nq    | # 87     |
| 61) 4-Nitroaniline             | 10.31 | 138  | 15048    | 2.55 | nq    | 90       |
| 62) Azobenzene                 | 10.50 | 77   | 61434    | 2.55 | nq    | 97       |
| 65) n-Nitrosodiphenylamine     | 10.45 | 169  | 59378    | 2.83 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.91 | 248  | 16120    | 2.67 | nq    | 94       |
| 67) Hexachlorobenzene          | 10.98 | 284  | 16619    | 2.66 | nq    | # 80     |
| 68) Atrazine                   | 11.12 | 200  | 16264    | 2.53 | nq    | 96       |
| 70) Phenanthrene               | 11.49 | 178  | 98692    | 2.95 | nq    | 96       |
| 71) Anthracene                 | 11.54 | 178  | 98551    | 2.86 | nq    | 99       |
| 72) Carbazole                  | 11.74 | 167  | 102575   | 3.01 | nq    | 95       |
| 73) Di-n-butylphthalate        | 12.20 | 149  | 95539    | 2.60 | nq    | 98       |
| 74) Fluoranthene               | 12.94 | 202  | 97163    | 2.83 | nq    | 99       |
| 76) Benzidine                  | 13.11 | 184  | 51390    | 2.11 | nq    | 95       |
| 77) Pvrene                     | 13.22 | 202  | 103179   | 2.23 | nq    | 99       |
| 80) Benzo(a)anthracene         | 14.70 | 228  | 82873    | 2.38 | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 14.67 | 252  | 27239    | 2.08 | nq    | # 94     |
| 82) Chrysene                   | 14.74 | 228  | 83709    | 2.41 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.76 | 149  | 54817    | 2.20 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pvrene     | 17.73 | 276  | 69361    | 2.44 | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 15.93 | 252  | 72550    | 2.22 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.96 | 252  | 76691    | 3.18 | nq    | # 94     |
| 89) Benzo(a)pvrene             | 16.28 | 252  | 68006    | 2.57 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 17.75 | 278  | 58781    | 2.67 | nq    | # 93     |
| 91) Benzo(g,h,i)perylene       | 18.13 | 276  | 58817    | 2.69 | nq    | 99       |

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



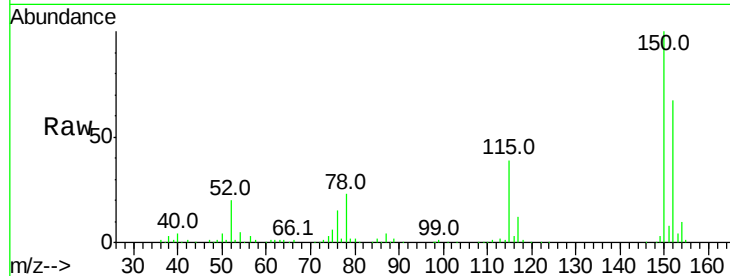


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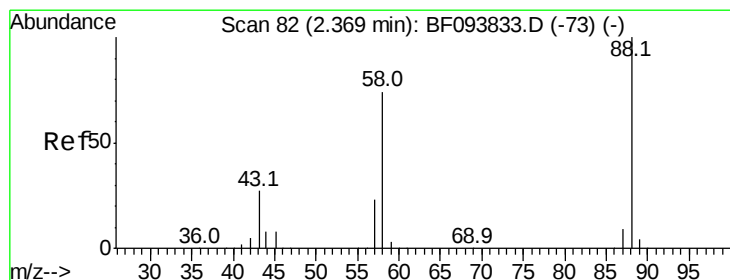
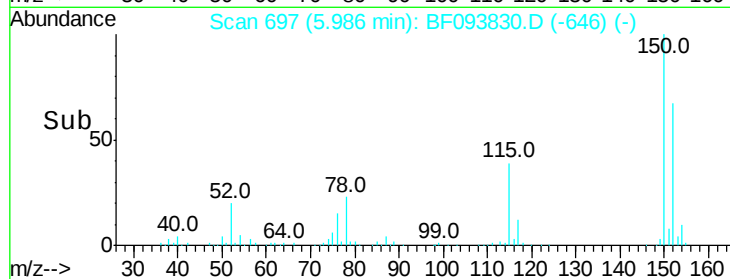
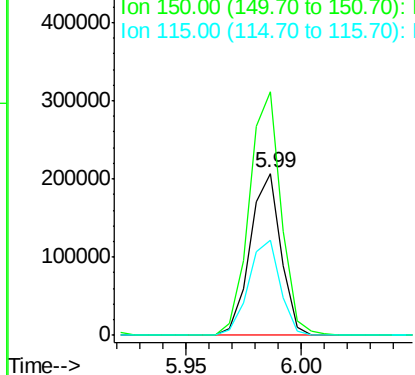
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 5.99 min Scan# 697  
Delta R.T. -0.00 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tot Ion:152 Resp: 193133  
Ion Ratio Lower Upper  
152 100  
150 150.0 126.2 189.2  
115 58.3 52.2 78.2



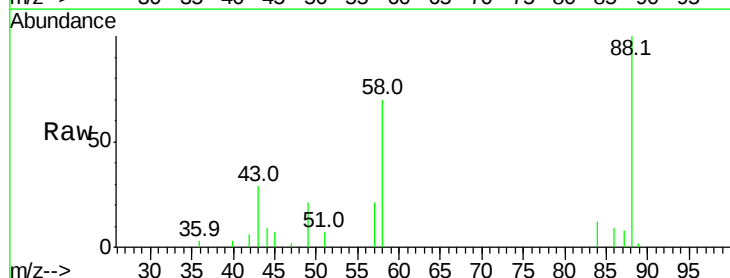
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



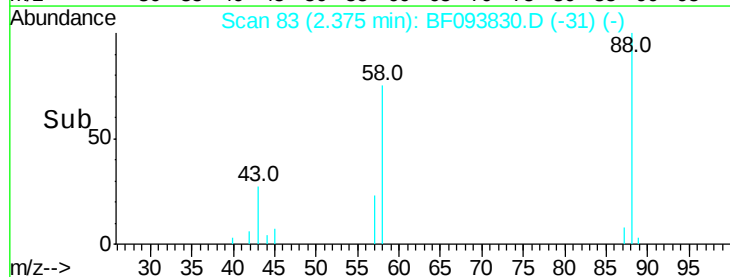
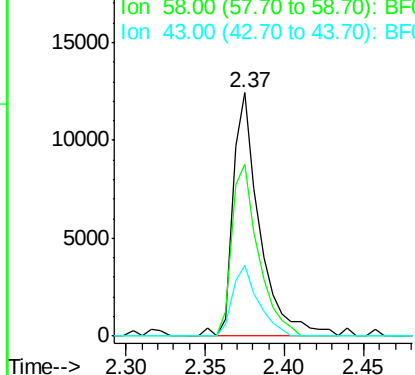
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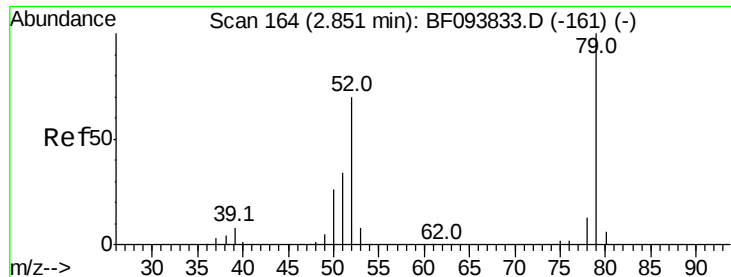
1,4-Dioxane  
Concen: 2.57 ng  
RT: 2.37 min Scan# 83  
Delta R.T. 0.01 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Tgt Ion: 88 Resp: 14383  
Ion Ratio Lower Upper  
88 100  
58 70.5 61.4 92.0  
43 28.2 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 2.24 ng

RT: 2.87 min Scan# 168

Delta R.T. 0.02 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

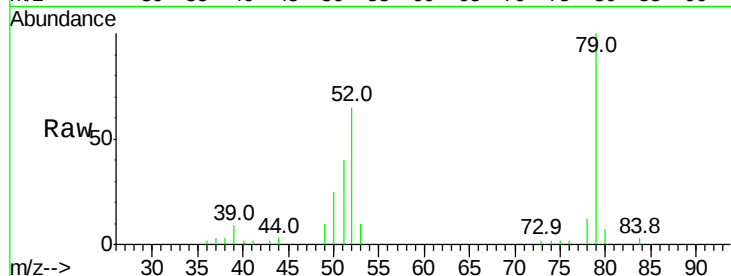
Tot Ion: 79 Resp: 33619

Ion Ratio Lower Upper

79 100

52 65.1 54.8 82.2

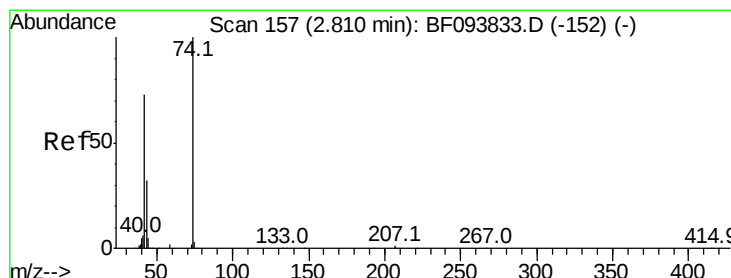
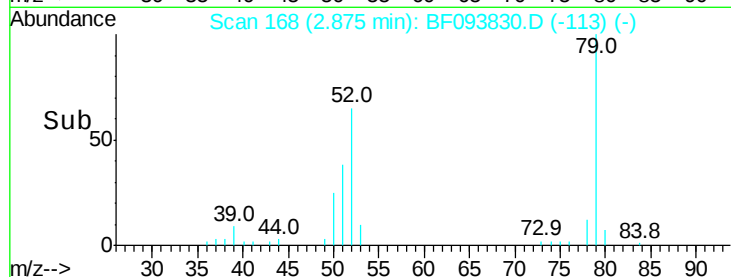
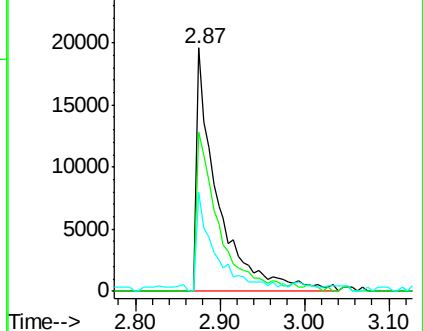
51 40.4 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 2.19 ng

RT: 2.80 min Scan# 156

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

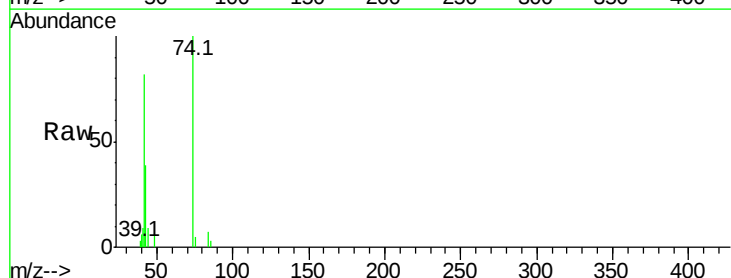
Tgt Ion: 42 Resp: 14167

Ion Ratio Lower Upper

42 100

74 122.3 103.9 155.9

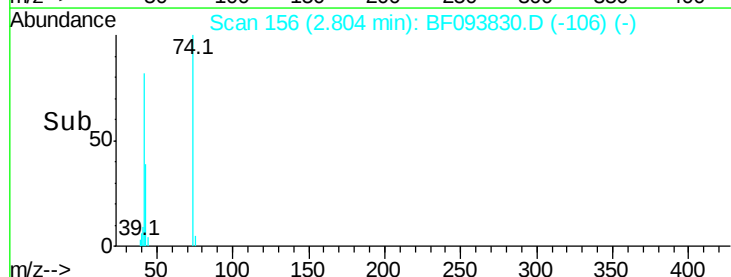
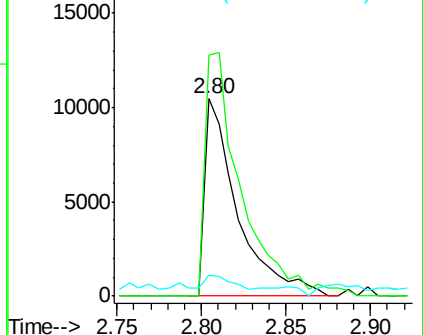
44 10.5 5.7 8.5#

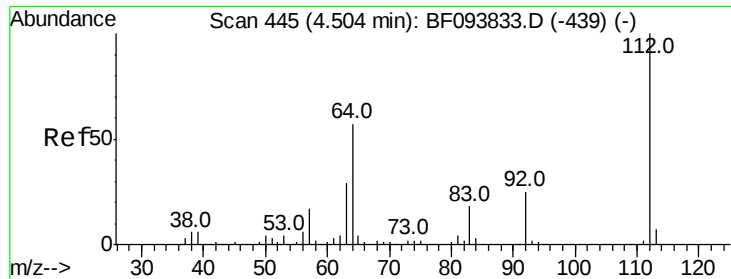


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

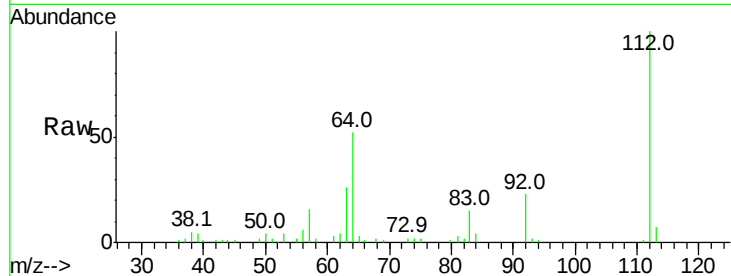




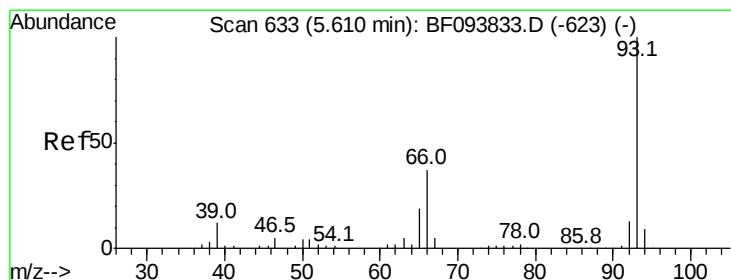
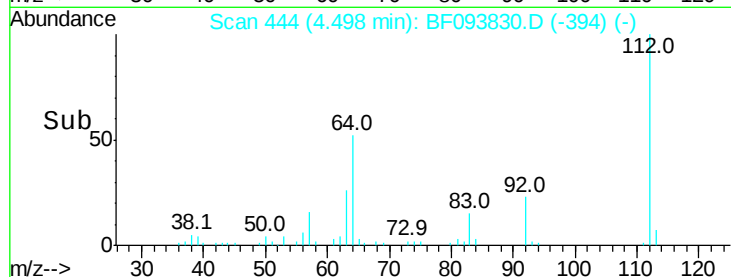
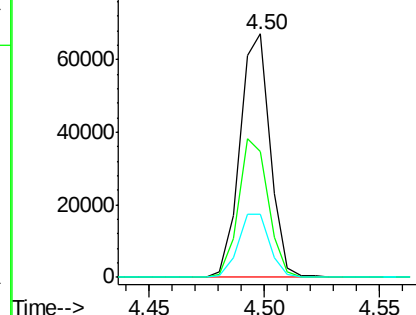
#5  
 2-Fluorophenol  
 Concen: 5.55 ng  
 RT: 4.50 min Scan# 444  
 Delta R.T. -0.01 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tot Ion:112 Resp: 61249  
 Ion Ratio Lower Upper  
 112 100  
 64 51.6 46.0 69.0  
 63 26.0 23.4 35.0

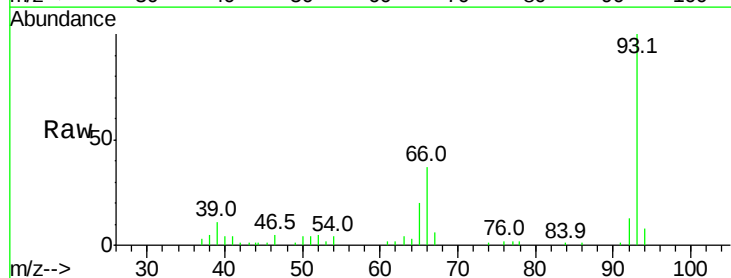


Abundance Ion 112.00 (111.70 to 112.70): E  
 Ion 64.00 (63.70 to 64.70): BF0  
 Ion 63.00 (62.70 to 63.70): BF0

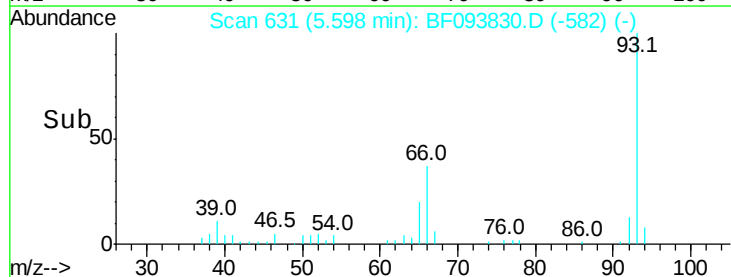
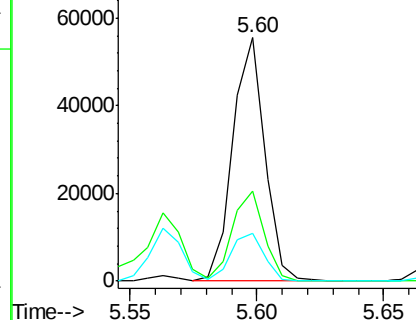


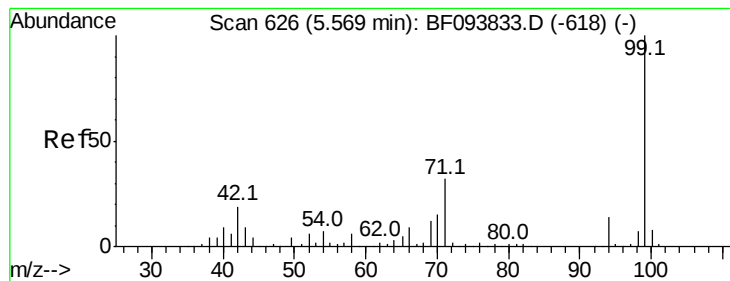
#6  
 Aniline  
 Concen: 2.56 ng  
 RT: 5.60 min Scan# 631  
 Delta R.T. -0.01 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Tgt Ion: 93 Resp: 48795  
 Ion Ratio Lower Upper  
 93 100  
 66 37.0 32.9 49.3  
 65 19.8 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0  
 Ion 66.00 (65.70 to 66.70): BF0  
 Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 5.51 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

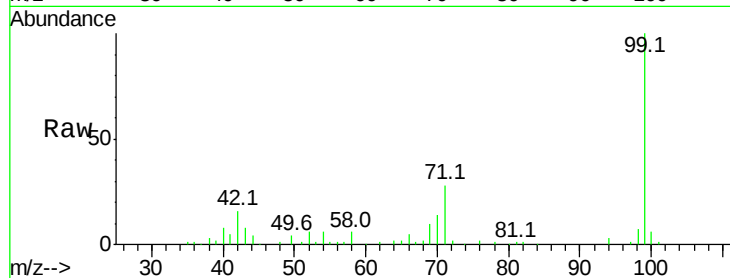
Tot Ion: 99 Resp: 75148

Ion Ratio Lower Upper

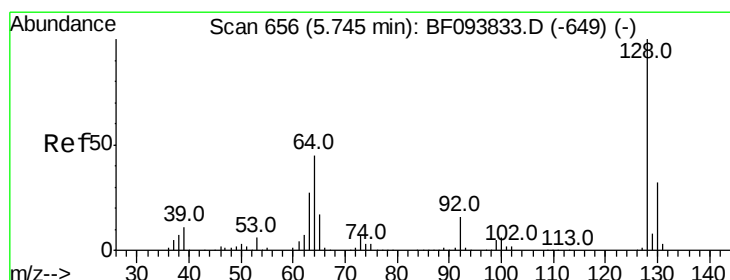
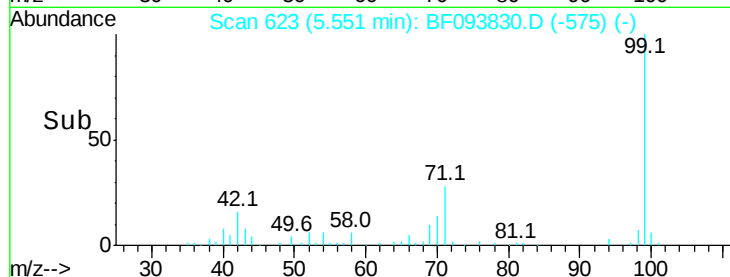
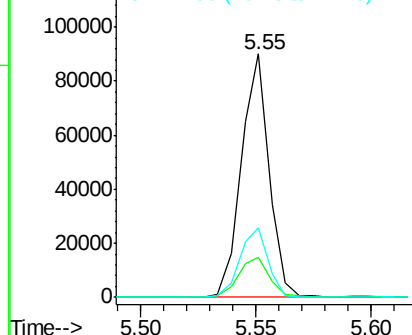
99 100

42 16.2 13.5 20.3

71 28.4 24.5 36.7



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: 2.68 ng

RT: 5.73 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

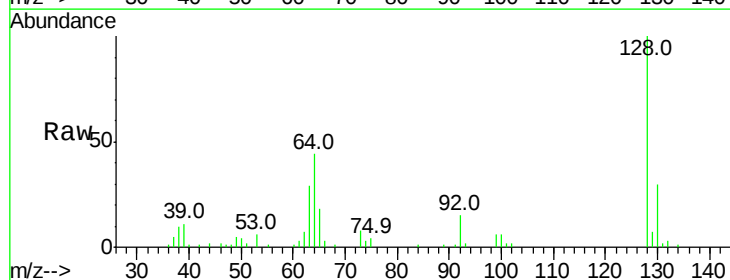
Tgt Ion:128 Resp: 32592

Ion Ratio Lower Upper

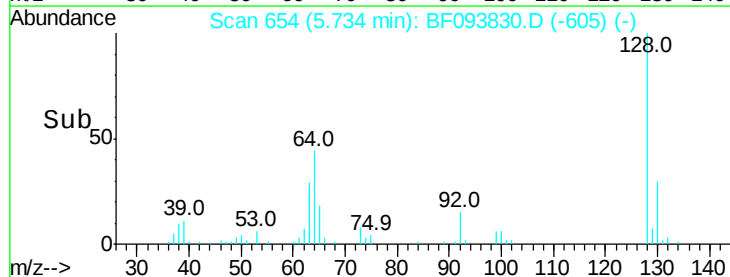
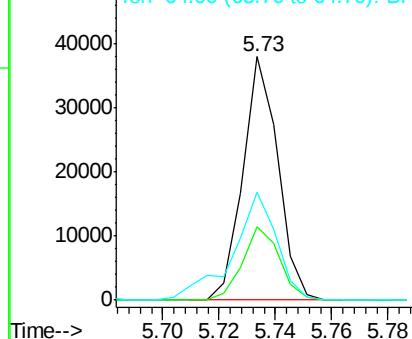
128 100

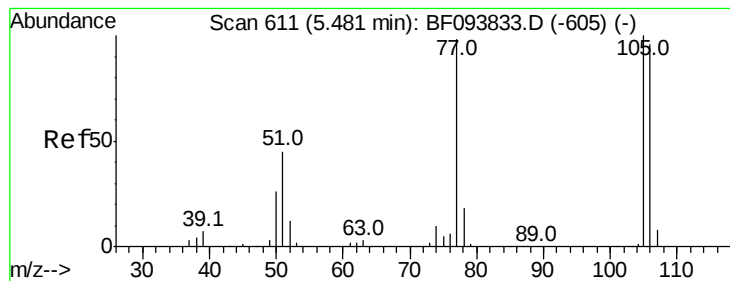
130 30.1 12.9 52.9

64 44.5 28.4 68.4



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: 2.68 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampleId :

SSTDIC2.5

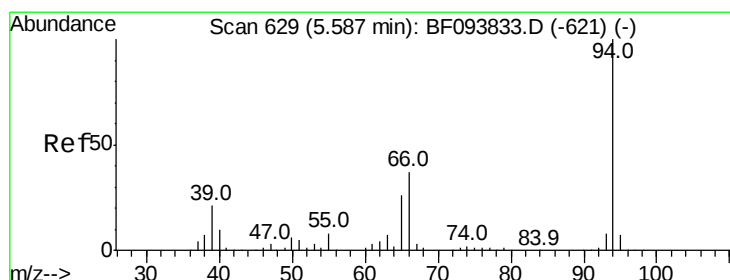
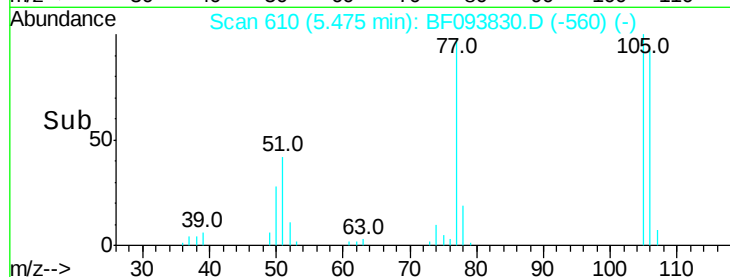
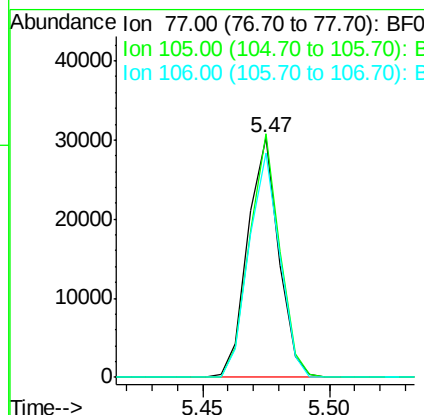
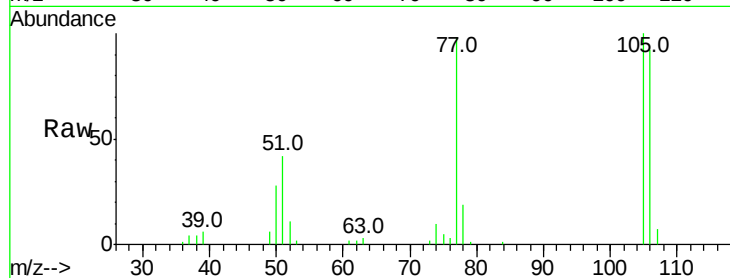
Tot Ion: 77 Resp: 25809

Ion Ratio Lower Upper

77 100

105 101.7 83.8 123.8

106 93.7 79.1 119.1



#10

Phenol

Concen: 2.56 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

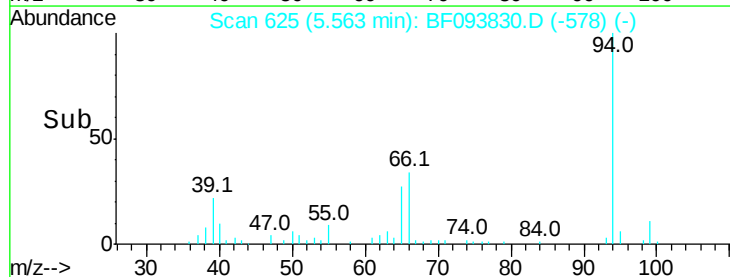
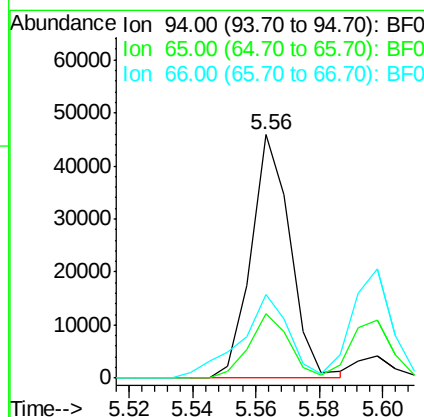
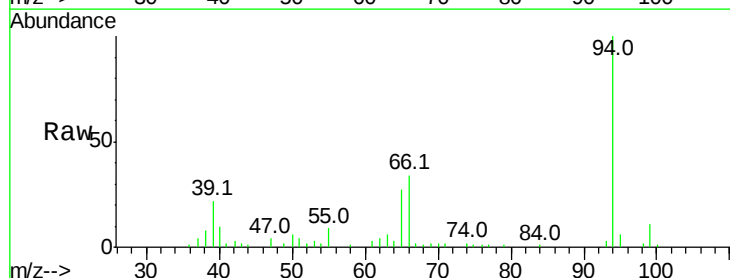
Tgt Ion: 94 Resp: 39274

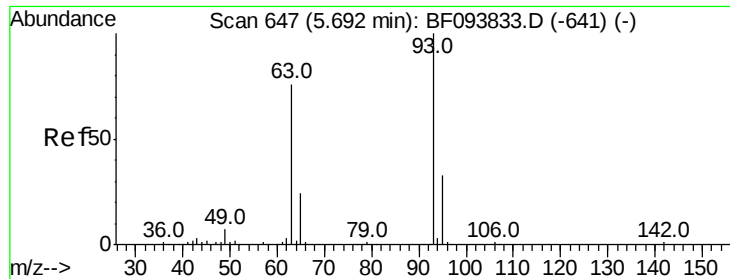
Ion Ratio Lower Upper

94 100

65 26.6 9.9 49.9

66 34.2 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 2.55 ng

RT: 5.67 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

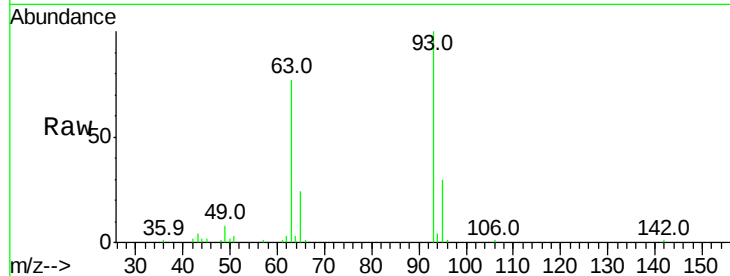
Tot Ion: 93 Resp: 31783

Ion Ratio Lower Upper

93 100

63 77.4 59.2 99.2

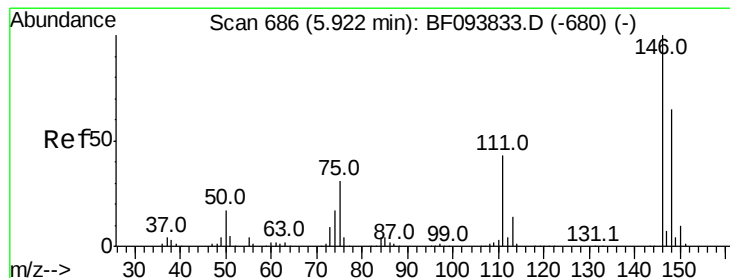
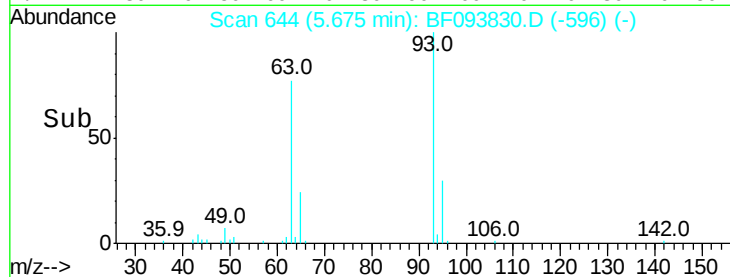
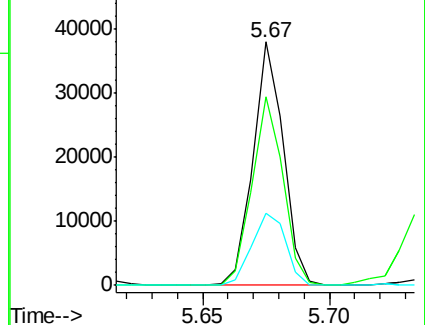
95 29.6 12.8 52.8



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: 2.62 ng

RT: 5.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

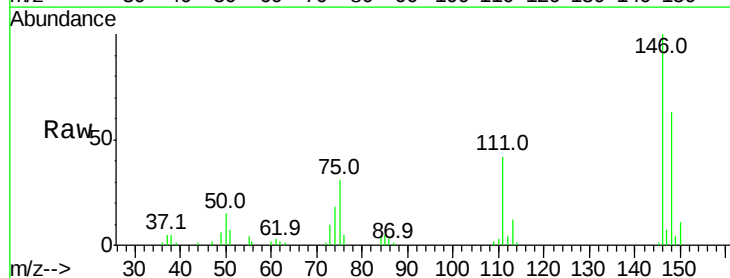
Tgt Ion: 146 Resp: 36154

Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.6

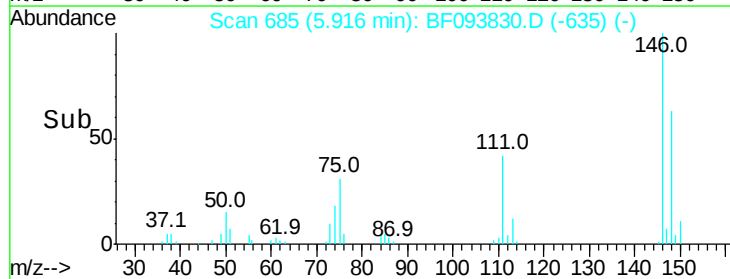
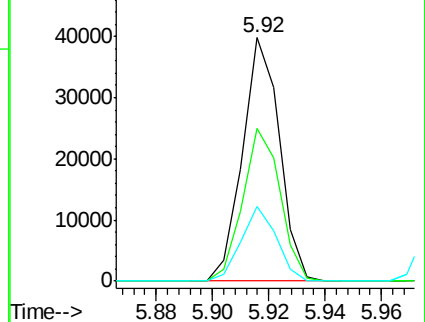
75 30.8 23.1 34.7

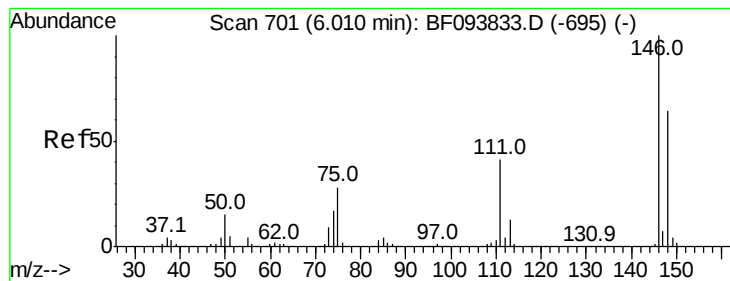


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 2.67 ng

RT: 6.00 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

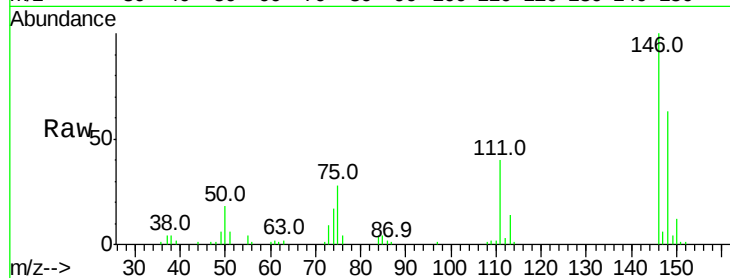
Tot Ion:146 Resp: 37466

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.2

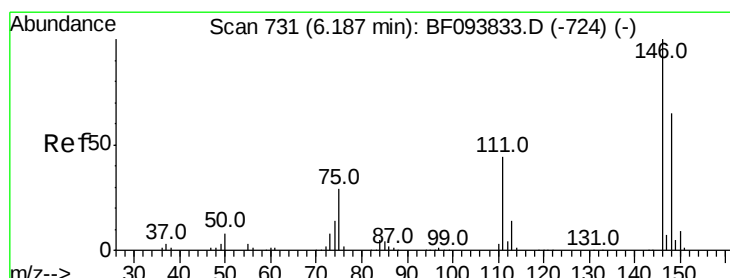
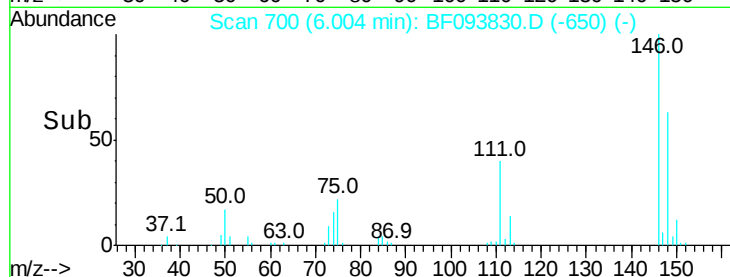
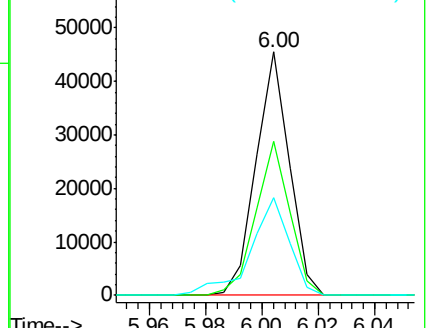
111 39.9 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 2.74 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

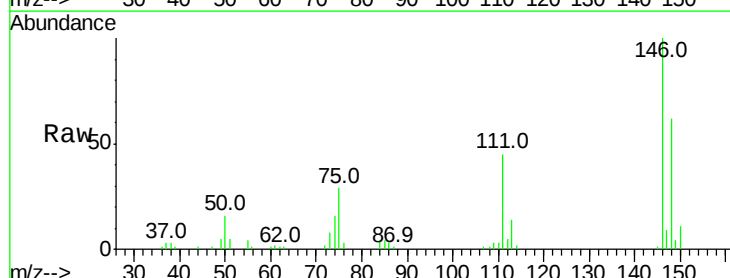
Tgt Ion:146 Resp: 35383

Ion Ratio Lower Upper

146 100

148 62.2 50.4 75.6

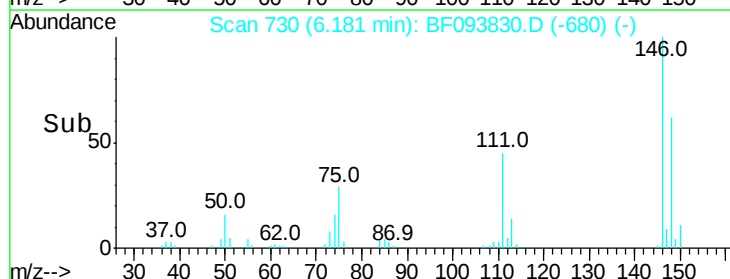
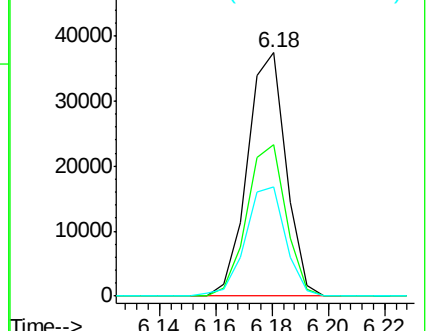
111 44.7 38.2 57.4

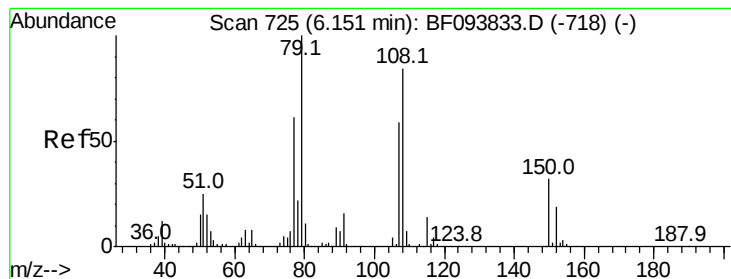


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.54 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

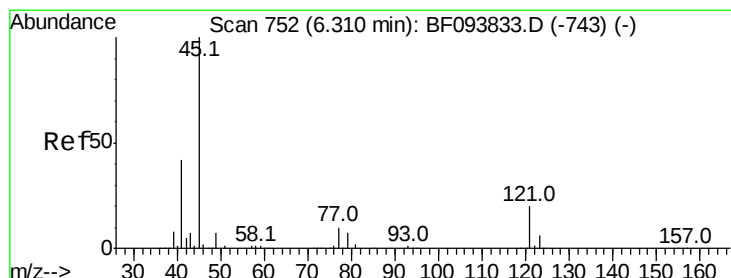
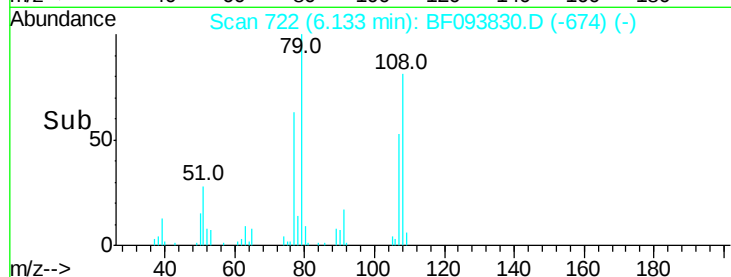
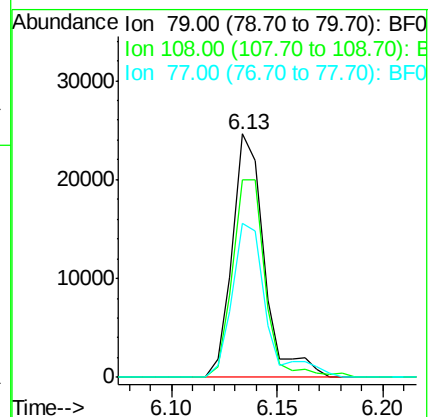
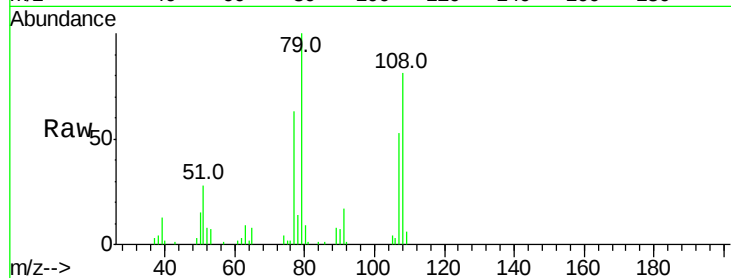
Tot Ion: 79 Resp: 25700

Ion Ratio Lower Upper

79 100

108 81.2 63.4 95.0

77 63.2 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.50 ng

RT: 6.30 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

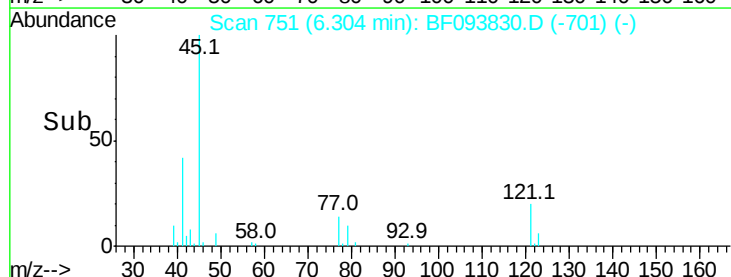
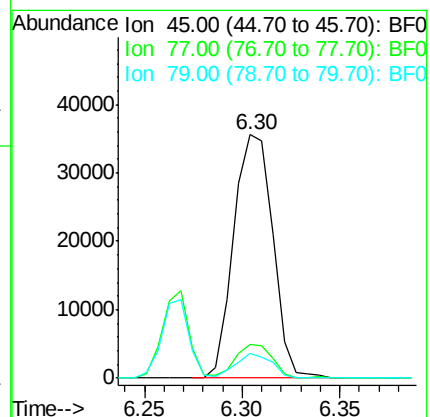
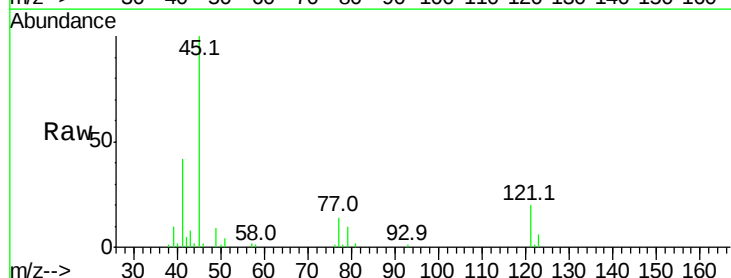
Tgt Ion: 45 Resp: 49491

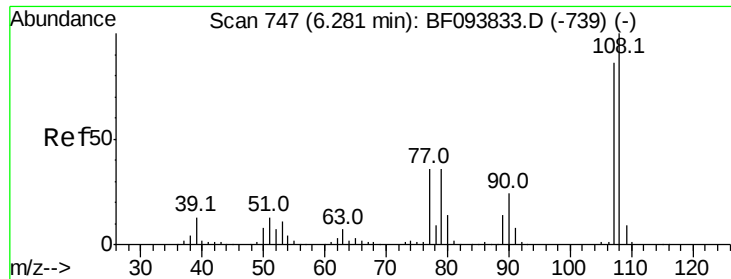
Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.2

79 10.2 0.0 30.0

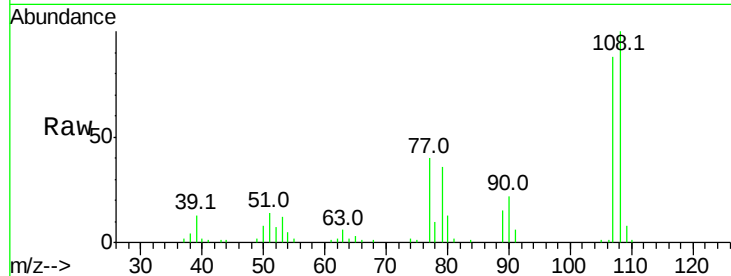




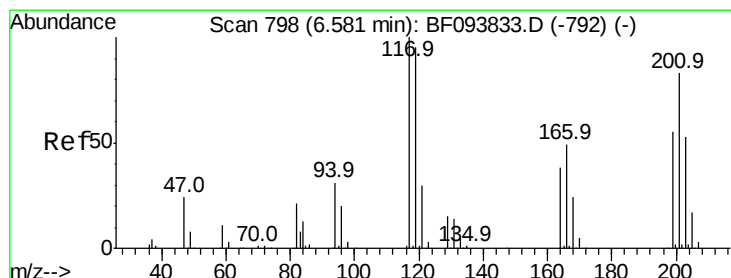
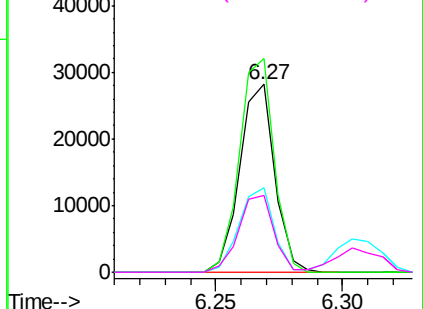
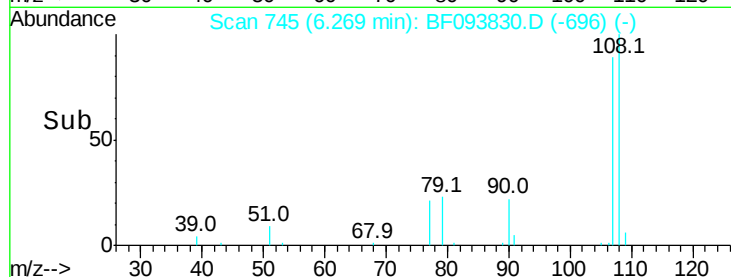
#17  
2-Methylphenol  
Concen: 2.54 ng  
RT: 6.27 min Scan# 745  
Delta R.T. -0.01 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tot Ion:107 Resp: 27071  
Ion Ratio Lower Upper  
107 100  
108 113.5 93.4 140.0  
77 45.0 35.8 53.6  
79 40.8 34.8 52.2

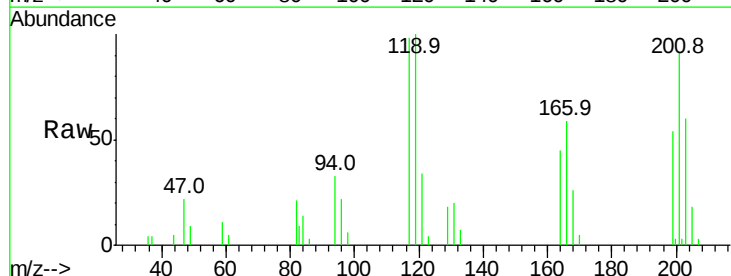


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

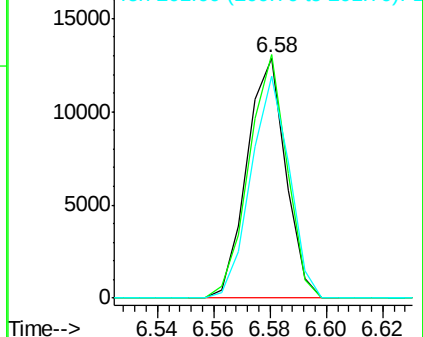
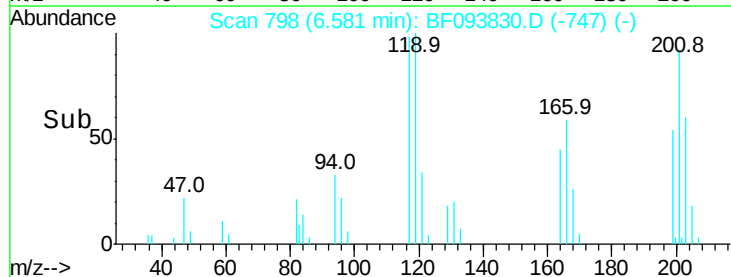


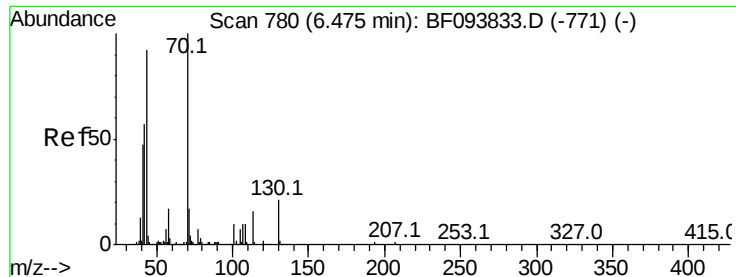
#18  
Hexachloroethane  
Concen: 2.46 ng  
RT: 6.58 min Scan# 798  
Delta R.T. -0.00 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Tgt Ion:117 Resp: 12268  
Ion Ratio Lower Upper  
117 100  
119 101.5 77.4 116.0  
201 95.3 94.6 141.8



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 2.54 ng

RT: 6.45 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

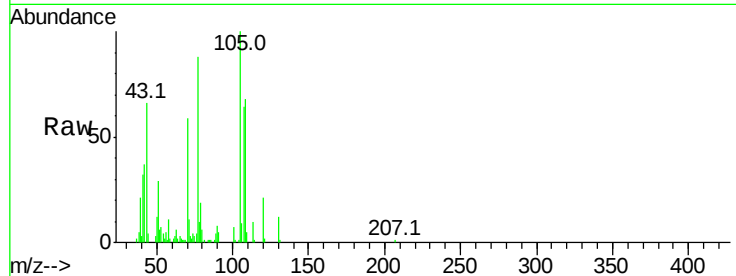
ClientSampleId :

SSTDICC2.5

Tot Ion: 70 Resp: 22742

Ion Ratio Lower Upper

|     |      |      |      |
|-----|------|------|------|
| 70  | 100  |      |      |
| 42  | 63.1 | 47.2 | 70.8 |
| 101 | 11.4 | 7.2  | 10.8 |
| 130 | 20.0 | 15.9 | 23.9 |

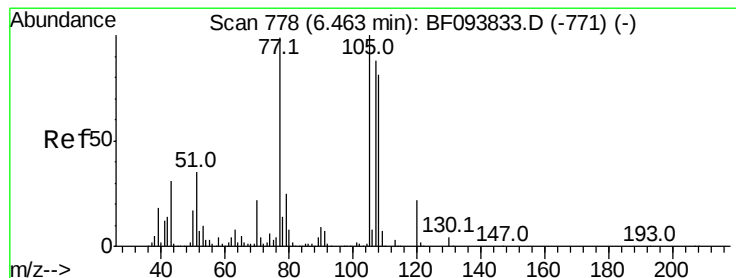
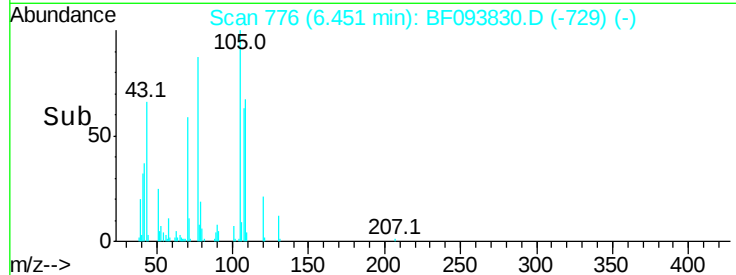
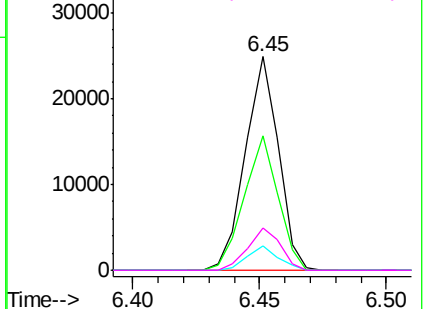


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 2.85 ng

RT: 6.45 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Tgt Ion: 107 Resp: 35992

Ion Ratio Lower Upper

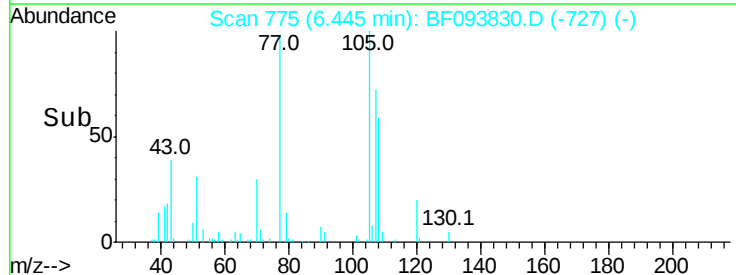
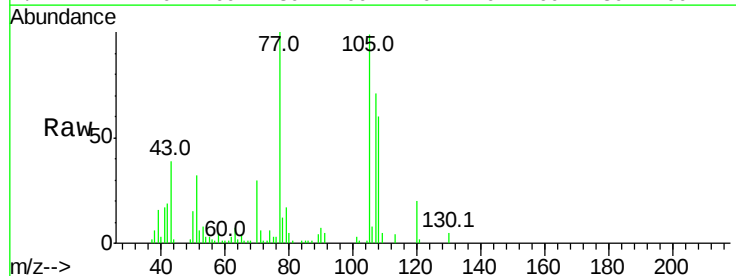
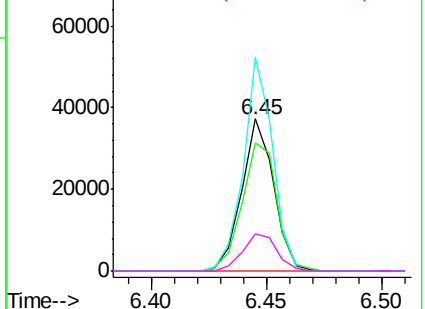
|     |       |      |       |
|-----|-------|------|-------|
| 107 | 100   |      |       |
| 108 | 84.1  | 71.0 | 111.0 |
| 77  | 140.4 | 90.5 | 130.5 |
| 79  | 24.5  | 8.4  | 48.4  |

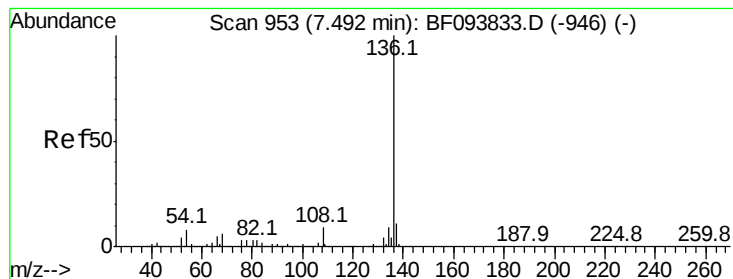
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.49 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampled :

SSTDICC2.5

Tot Ion:136 Resp: 771523

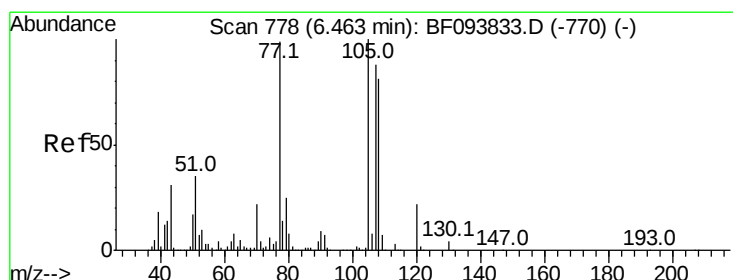
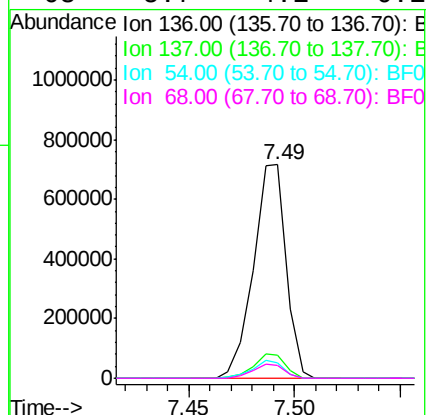
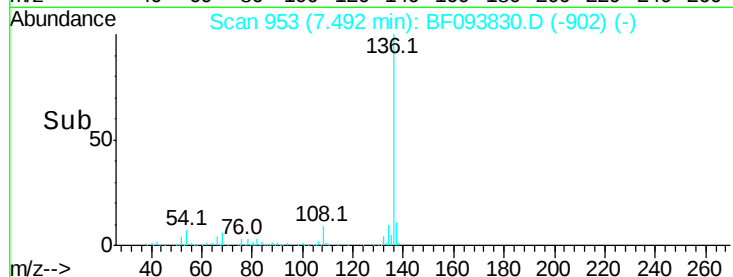
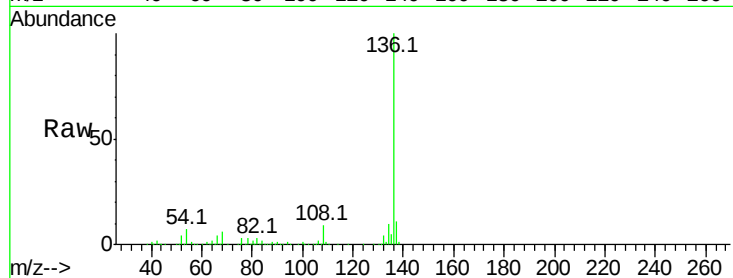
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.3 4.9 7.3#

68 5.7 4.1 6.1



#22

Acetophenone

Concen: 2.89 ng

RT: 6.45 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Tgt Ion:105 Resp: 48299

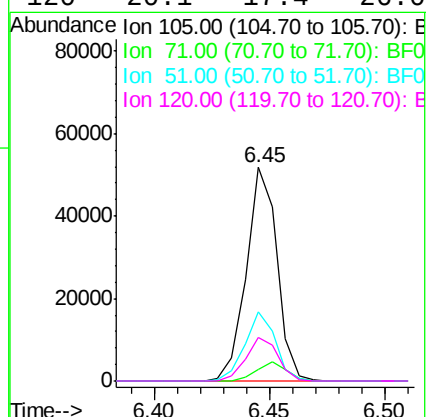
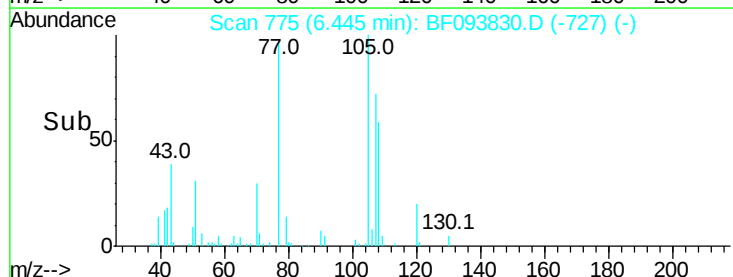
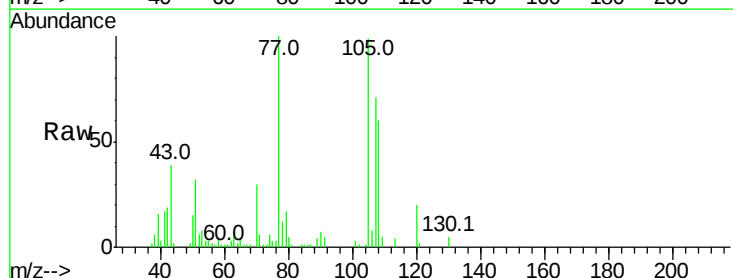
Ion Ratio Lower Upper

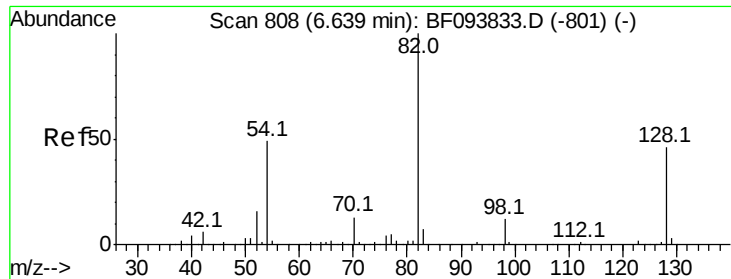
105 100

71 5.6 2.8 4.2#

51 32.1 30.7 46.1

120 20.1 17.4 26.0

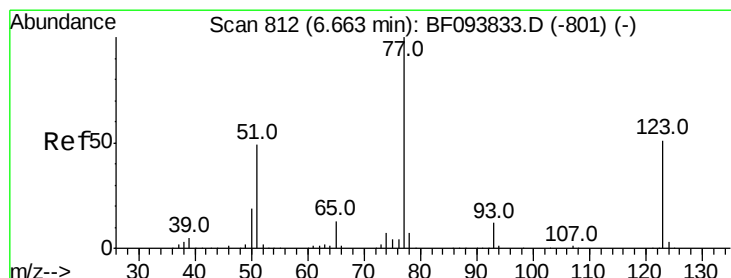
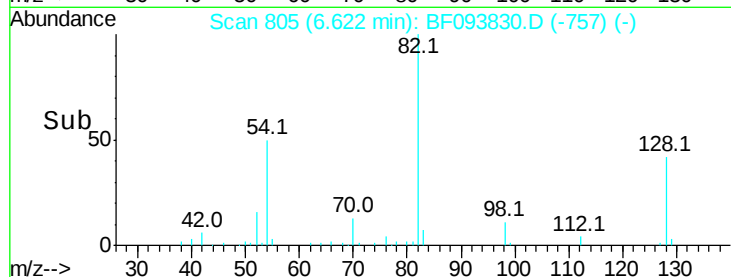
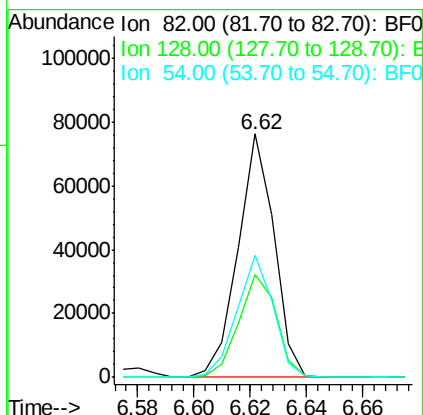
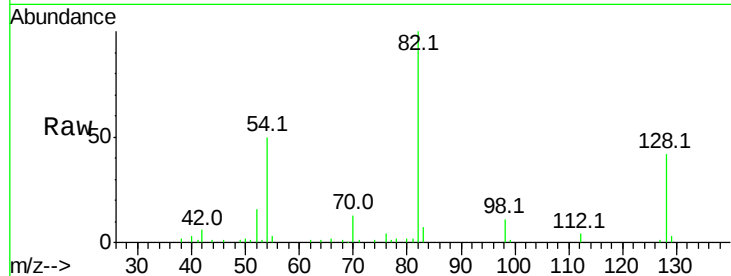




#23  
Nitrobenzene-d5  
Concen: 4.99 ng  
RT: 6.62 min Scan# 805  
Delta R.T. -0.02 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

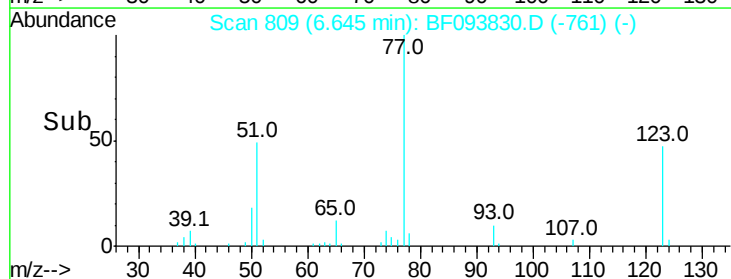
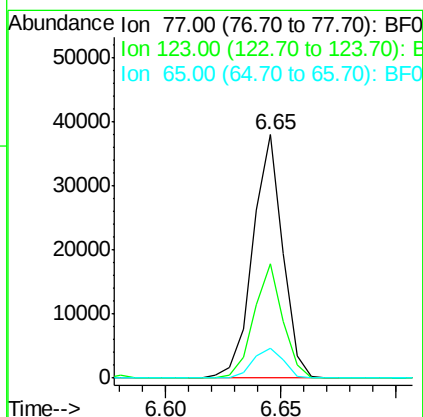
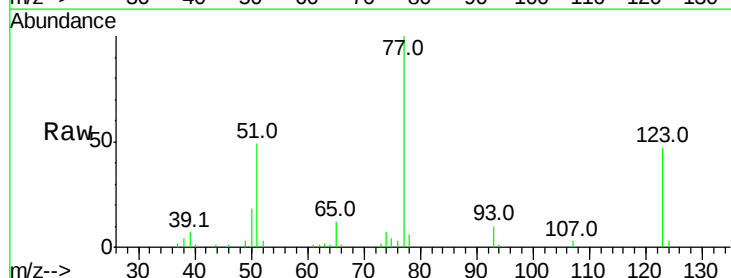
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

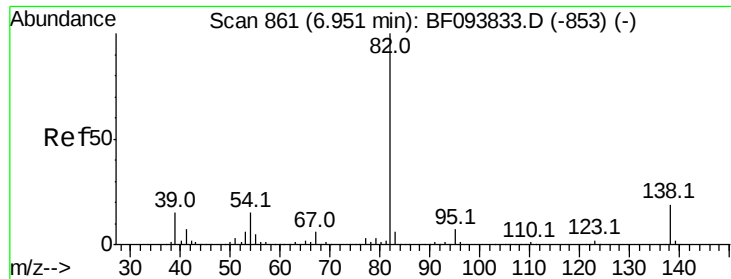
| Tot Ion   | 82   | Resp | 67881 |
|-----------|------|------|-------|
| Ion Ratio | 100  |      |       |
| Lower     | 34.0 |      |       |
| Upper     | 51.0 |      |       |
| 54        | 50.4 | 42.2 | 63.2  |



#24  
Nitrobenzene  
Concen: 2.64 ng  
RT: 6.65 min Scan# 809  
Delta R.T. -0.02 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

| Tgt Ion   | 77   | Resp | 34343 |
|-----------|------|------|-------|
| Ion Ratio | 100  |      |       |
| Lower     | 35.8 |      |       |
| Upper     | 53.8 |      |       |
| 65        | 12.1 | 10.6 | 15.8  |





#25

Isophorone

Concen: 2.47 ng

RT: 6.93 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

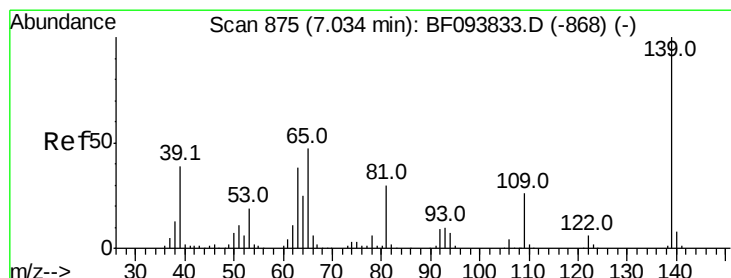
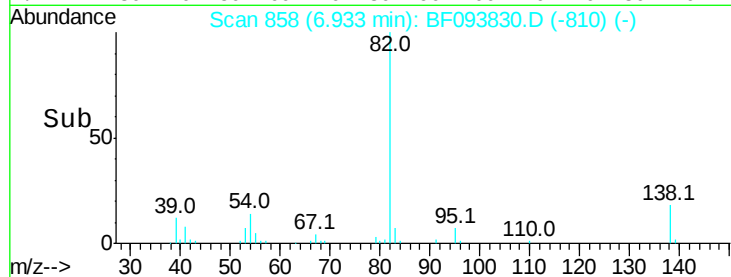
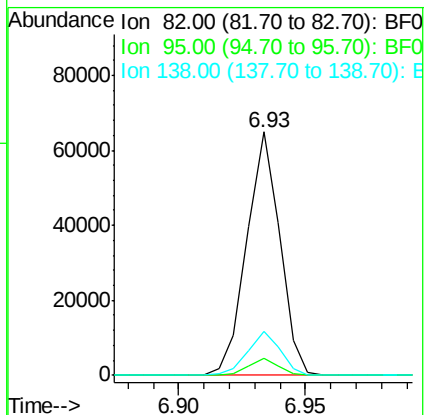
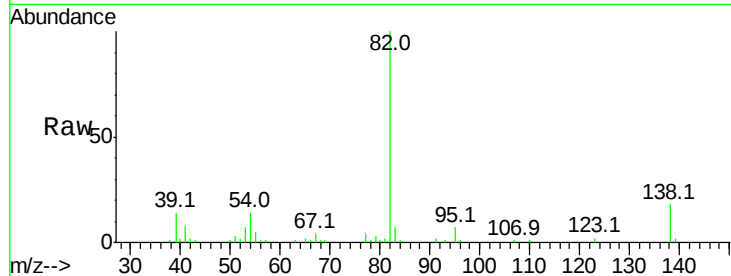
Tot Ion: 82 Resp: 59503

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 17.8 13.1 19.7



#26

2-Nitrophenol

Concen: 2.10 ng

RT: 7.03 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

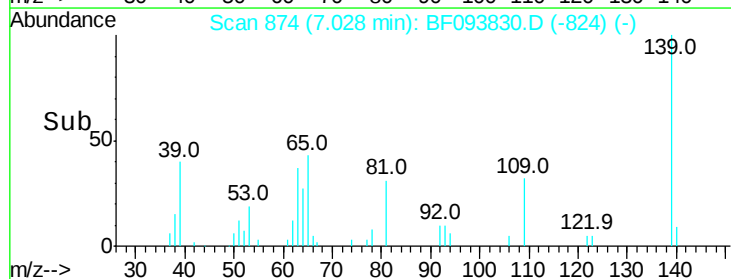
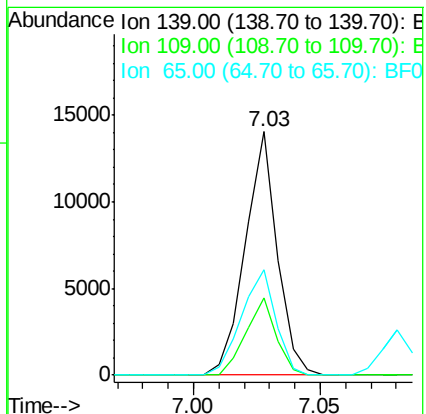
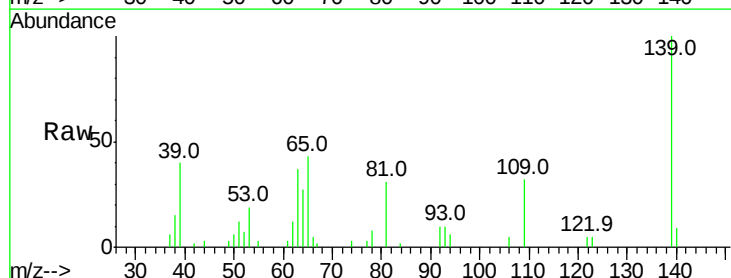
Tgt Ion:139 Resp: 12317

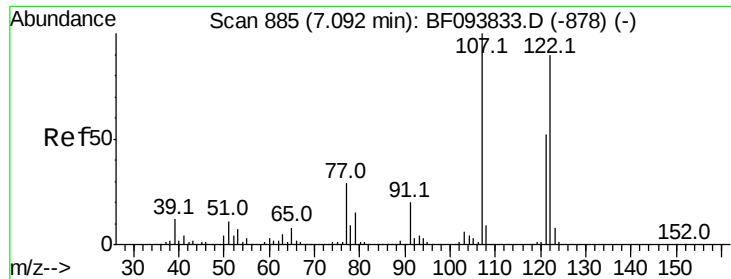
Ion Ratio Lower Upper

139 100

109 31.6 21.0 31.6#

65 43.1 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 2.19 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

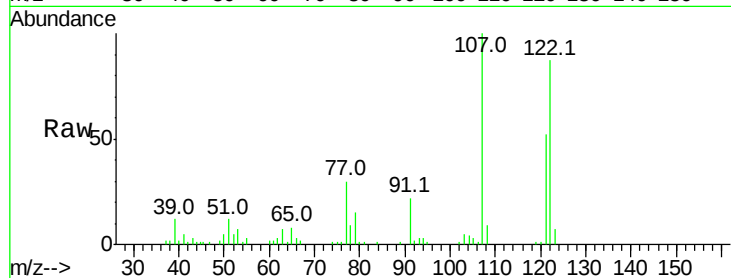
Tot Ion:122 Resp: 26415

Ion Ratio Lower Upper

122 100

107 114.4 89.2 133.8

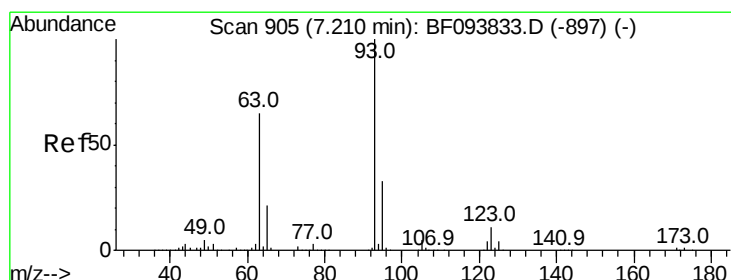
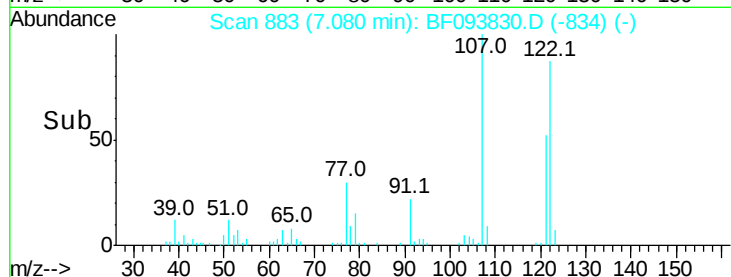
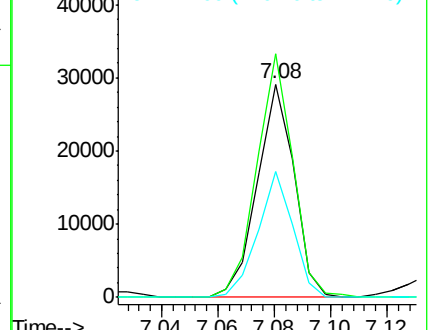
121 59.4 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.65 ng

RT: 7.20 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

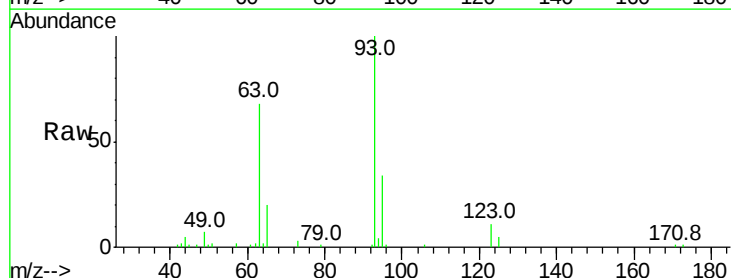
Tgt Ion: 93 Resp: 41110

Ion Ratio Lower Upper

93 100

95 34.1 26.5 39.7

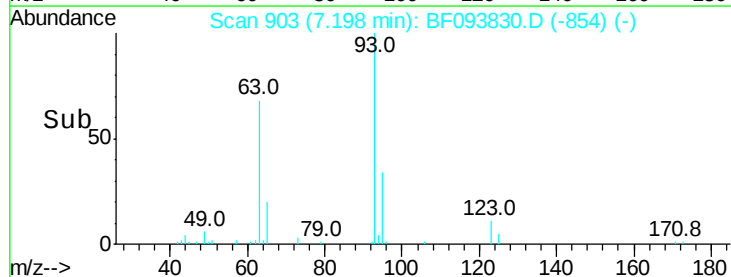
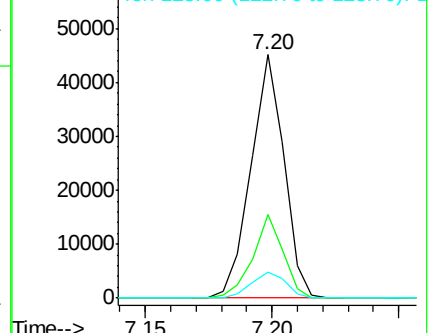
123 10.9 9.0 13.4

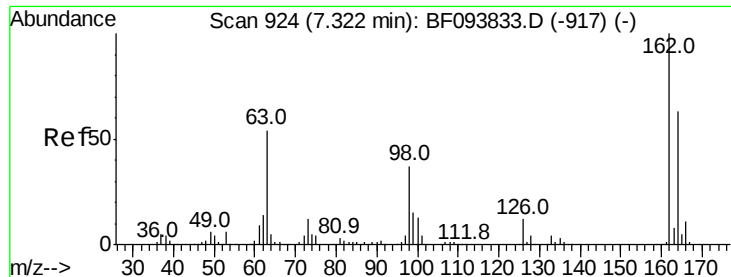


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

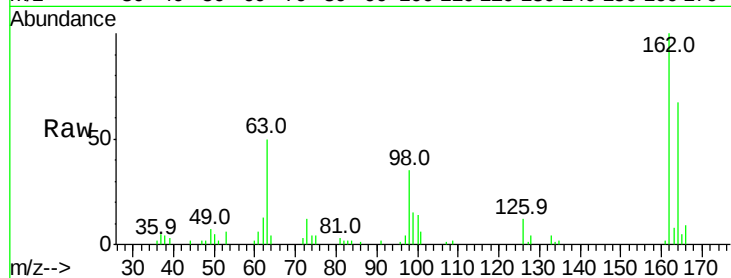




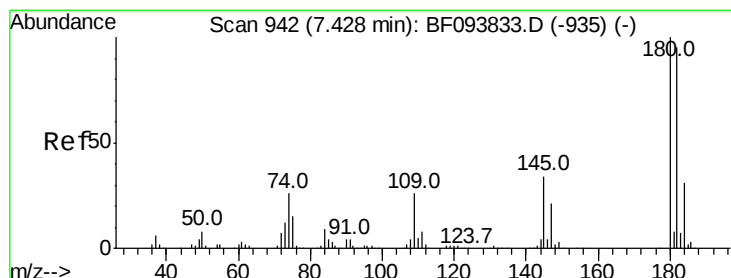
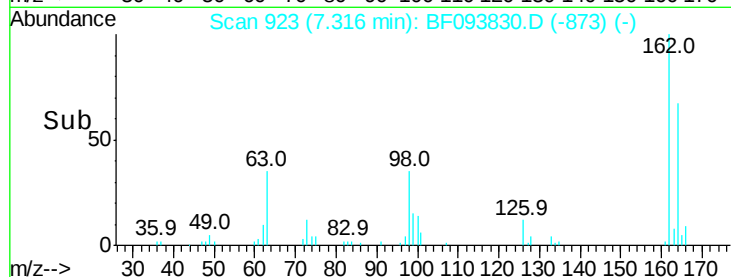
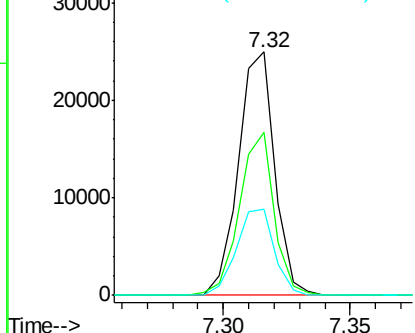
#29  
 2,4-Dichlorophenol  
 Concen: 2.41 ng  
 RT: 7.32 min Scan# 923  
 Delta R.T. -0.01 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.9  | 44.6  | 84.6  |
| 98      | 35.2  | 14.8  | 54.8  |

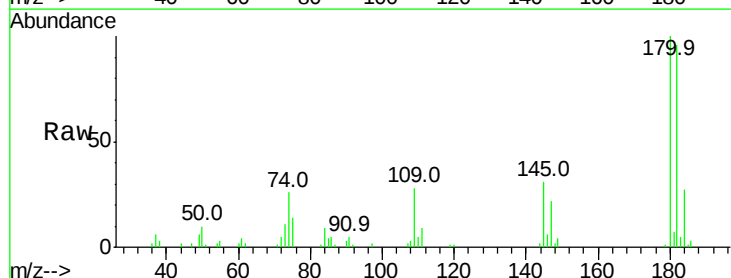


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

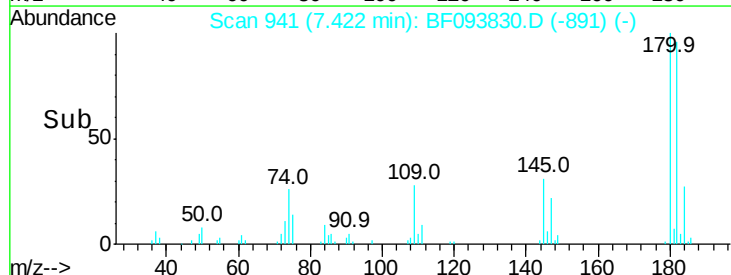
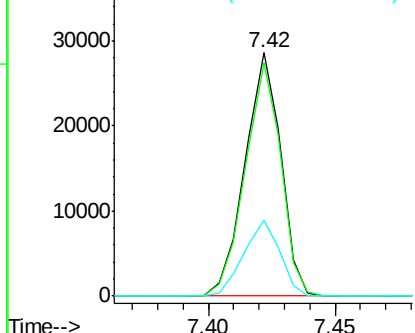


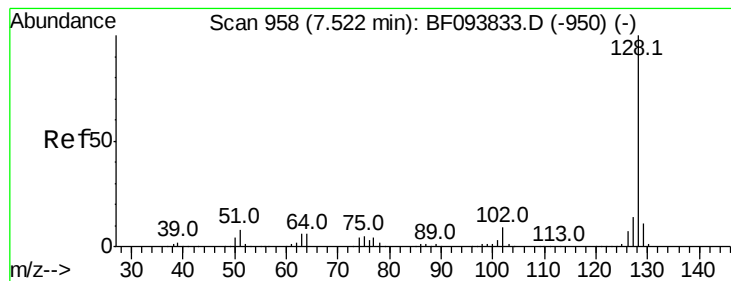
#30  
 1,2,4-Trichlorobenzene  
 Concen: 2.63 ng  
 RT: 7.42 min Scan# 941  
 Delta R.T. -0.01 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 75.8  | 113.6 |
| 145     | 31.0  | 25.3  | 37.9  |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 2.84 ng

RT: 7.52 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

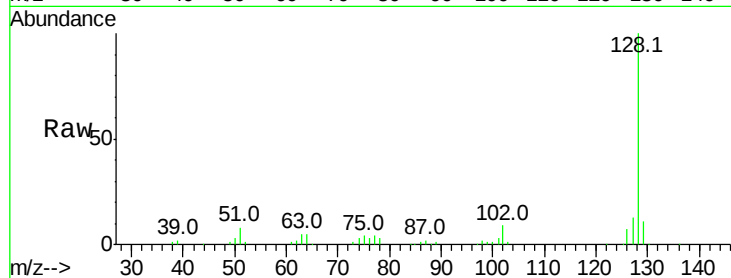
Tot Ion:128 Resp: 101670

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

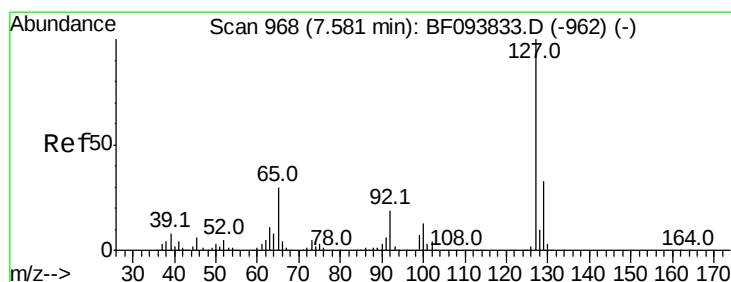
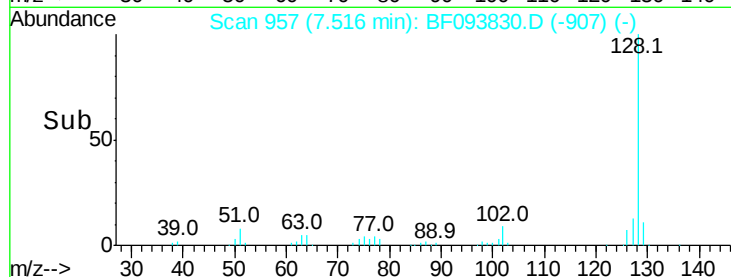
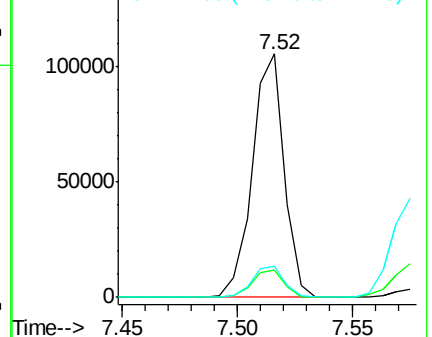
127 12.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 2.57 ng

RT: 7.57 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Tgt Ion:127 Resp: 39580

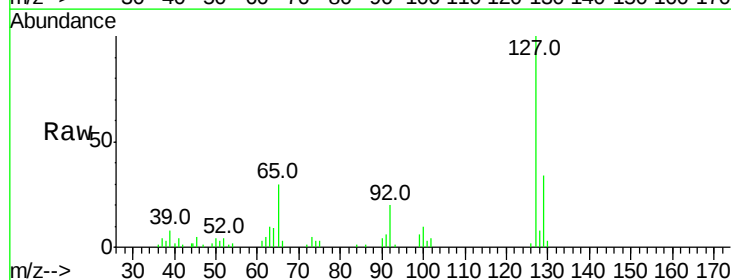
Ion Ratio Lower Upper

127 100

129 34.0 26.2 39.2

65 29.8 27.8 41.8

92 20.1 16.8 25.2

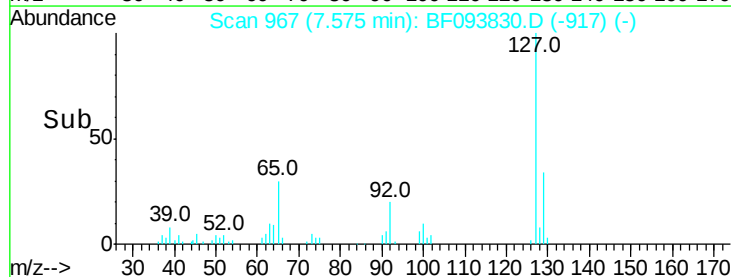
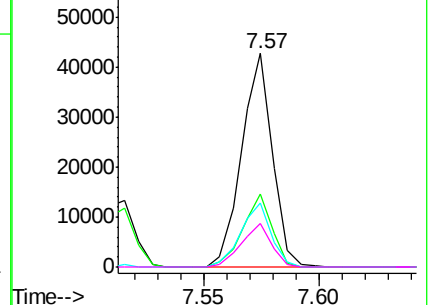


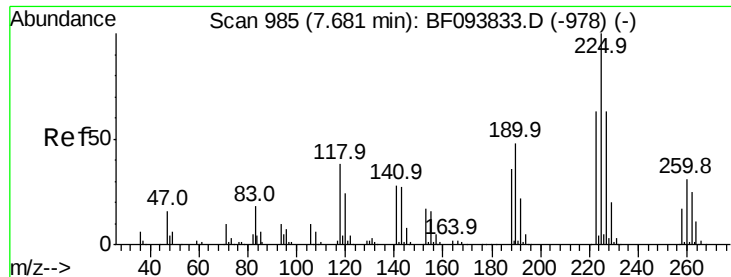
Abundance Ion 127.00 (126.70 to 127.70): E

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

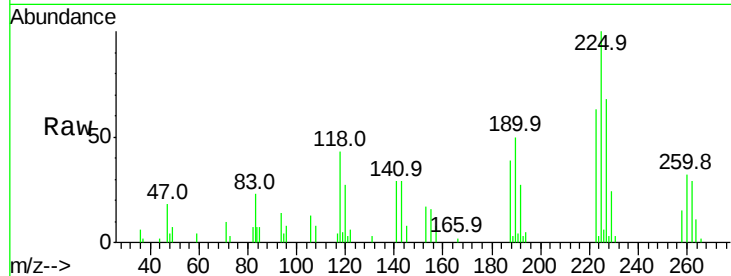




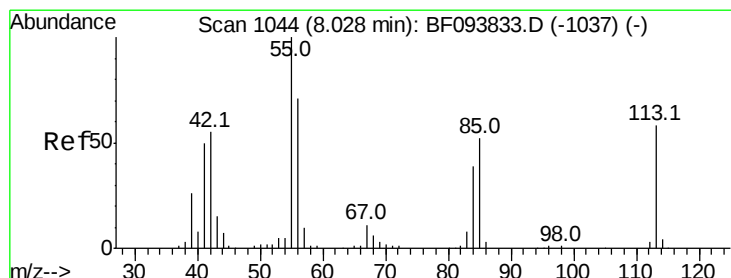
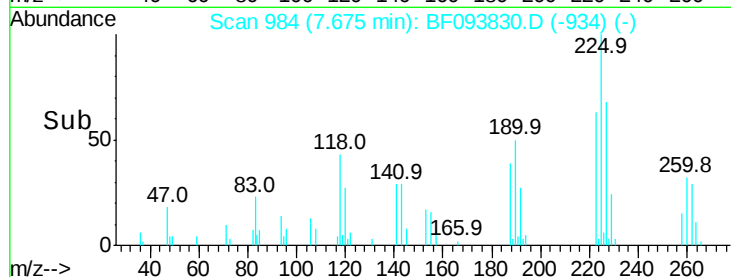
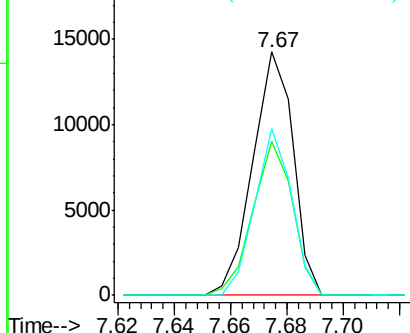
#34  
Hexachlorobutadiene  
Concen: 2.52 ng  
RT: 7.67 min Scan# 984  
Delta R.T. -0.01 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC2.5

Tot Ion:225 Resp: 14151  
Ion Ratio Lower Upper  
225 100  
223 63.1 48.8 73.2  
227 68.5 51.1 76.7

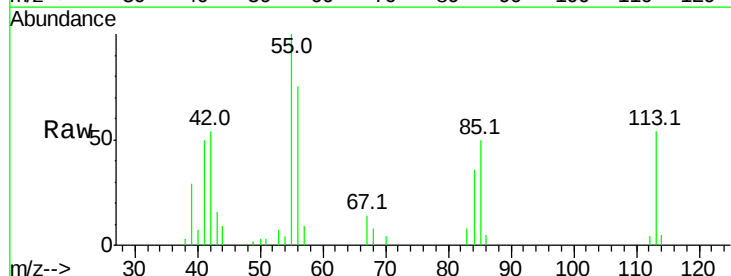


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

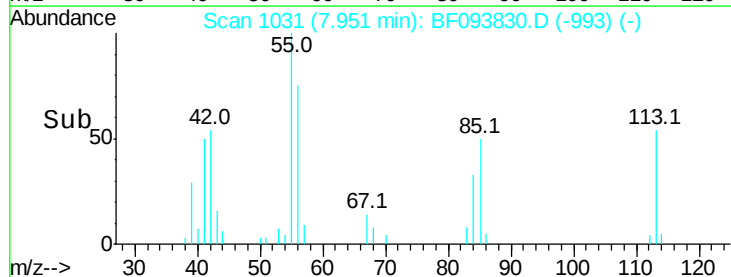
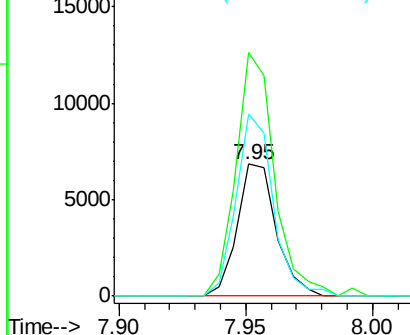


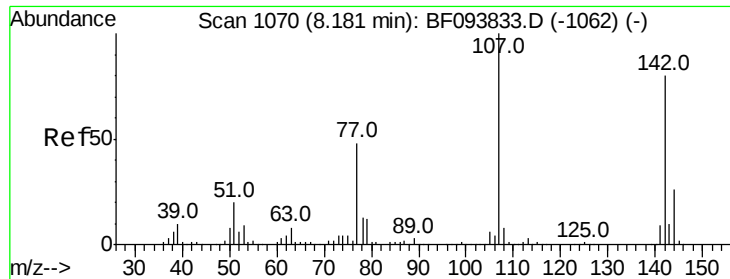
#35  
Caprolactam  
Concen: 2.26 ng  
RT: 7.95 min Scan# 1031  
Delta R.T. -0.08 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Tgt Ion:113 Resp: 7298  
Ion Ratio Lower Upper  
113 100  
55 184.9 150.2 190.2  
56 138.3 107.8 147.8



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

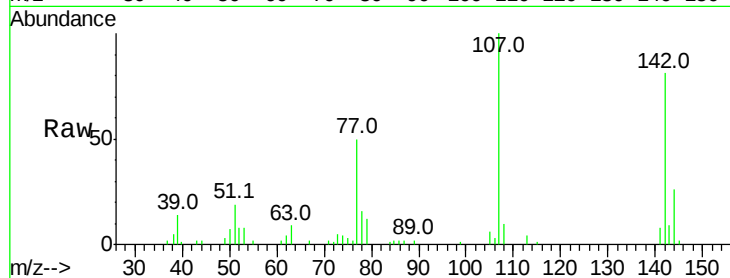




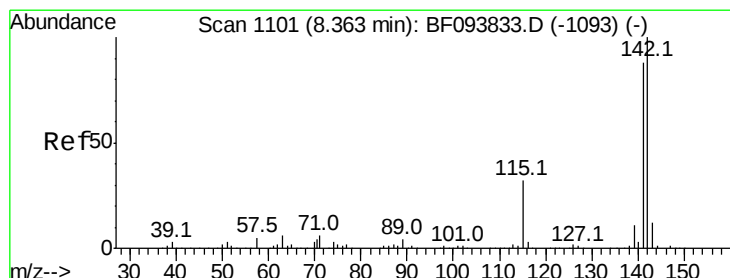
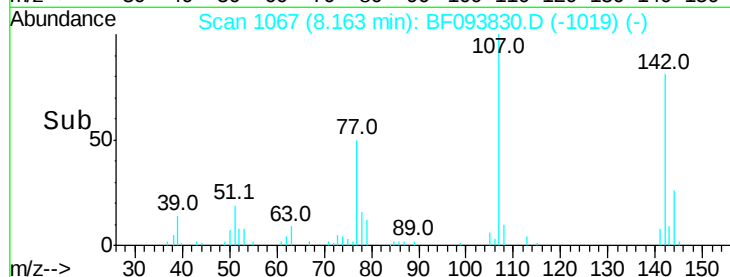
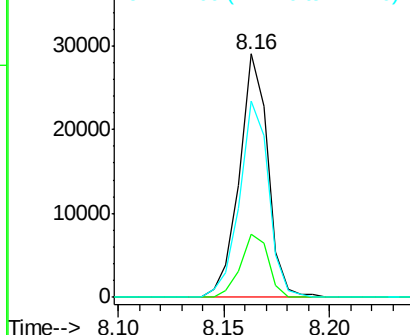
#36  
 4-Chloro-3-methylphenol  
 Concen: 2.55 ng  
 RT: 8.16 min Scan# 1067  
 Delta R.T. -0.02 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tot Ion:107 Resp: 27173  
 Ion Ratio Lower Upper  
 107 100  
 144 25.8 24.2 36.4  
 142 80.5 73.4 110.0

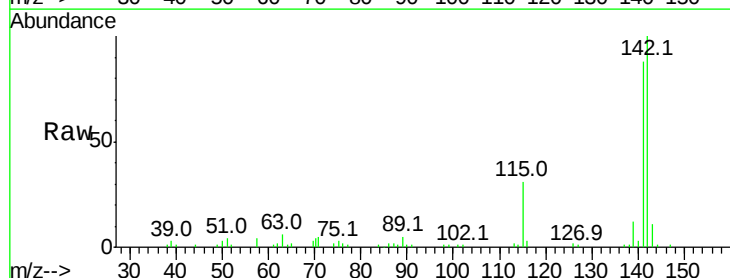


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

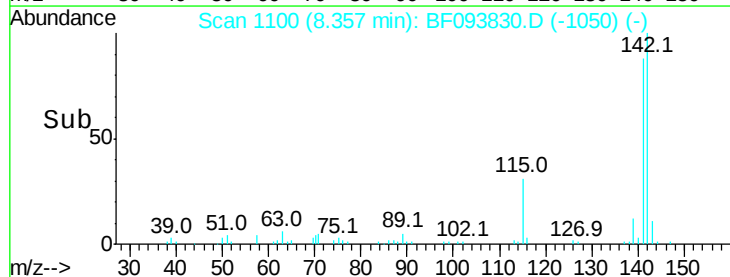
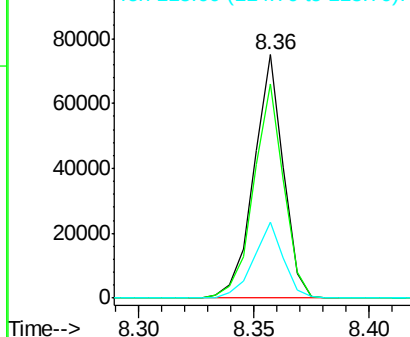


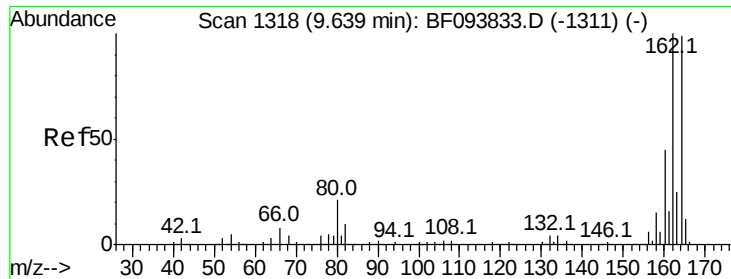
#37  
 2-Methylnaphthalene  
 Concen: 2.86 ng  
 RT: 8.36 min Scan# 1100  
 Delta R.T. -0.01 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Tgt Ion:142 Resp: 66775  
 Ion Ratio Lower Upper  
 142 100  
 141 88.1 71.3 106.9  
 115 31.3 27.1 40.7



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

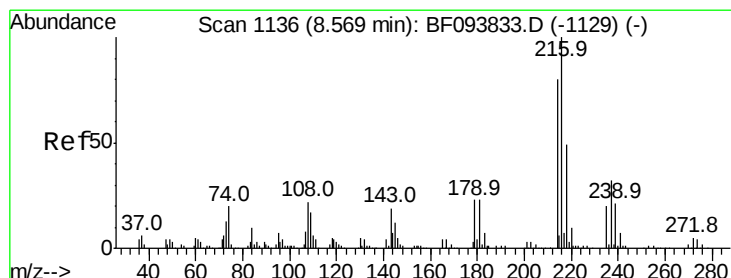
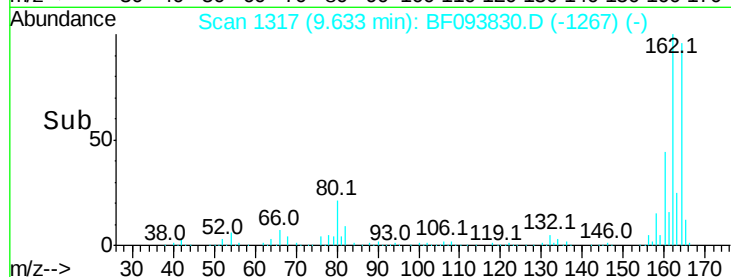
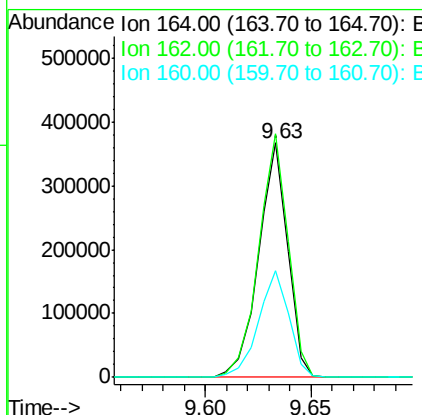
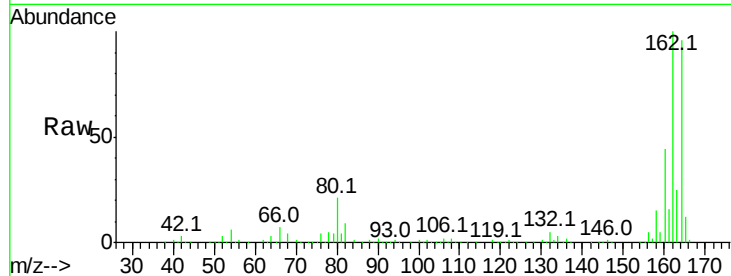




#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.63 min Scan# 1317  
 Delta R.T. -0.01 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

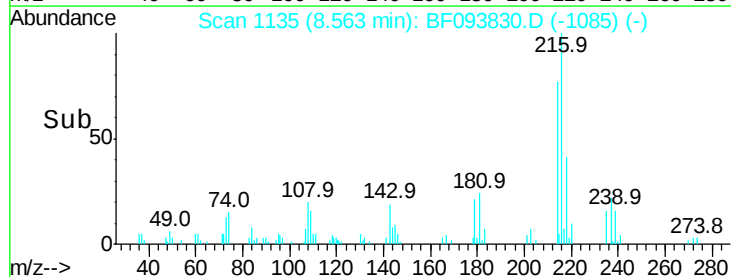
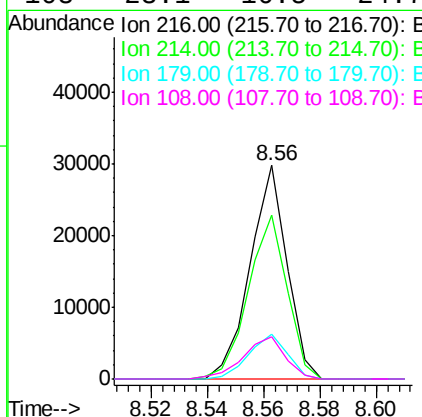
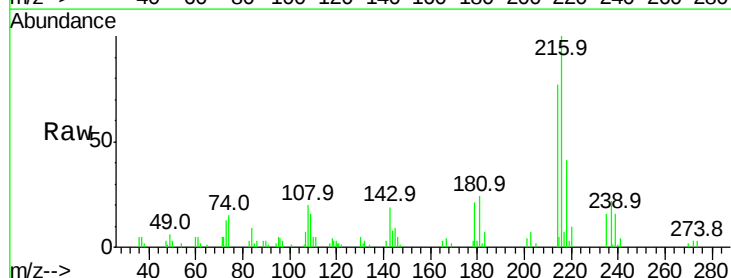
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

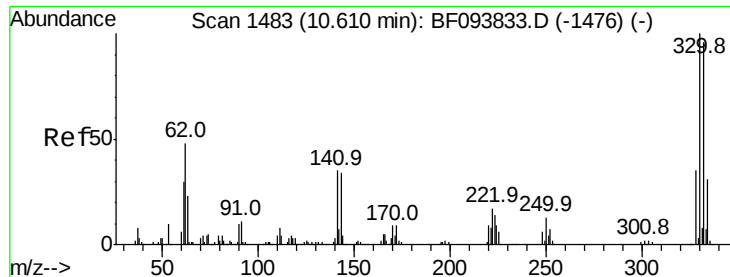
Tot Ion:164 Resp: 351811  
 Ion Ratio Lower Upper  
 164 100  
 162 103.8 82.6 123.8  
 160 45.6 36.2 54.2



#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 2.90 ng  
 RT: 8.56 min Scan# 1135  
 Delta R.T. -0.01 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Tgt Ion:216 Resp: 27019  
 Ion Ratio Lower Upper  
 216 100  
 214 80.5 63.4 95.2  
 179 21.8 17.9 26.9  
 108 23.1 16.5 24.7

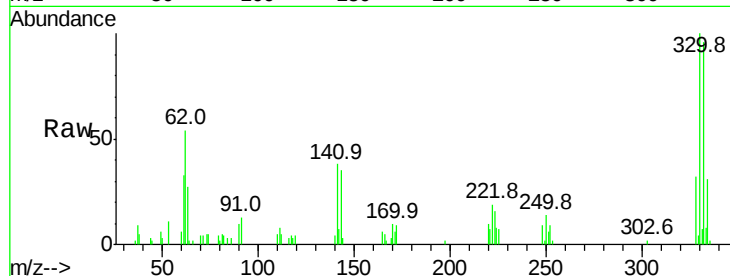




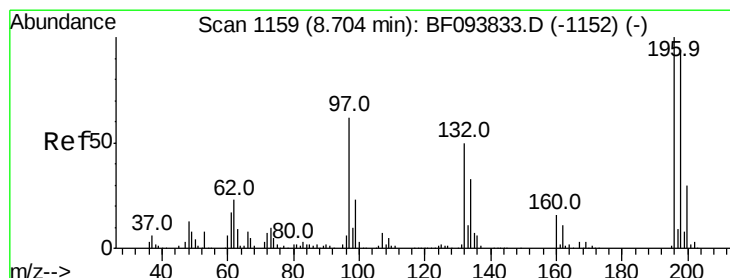
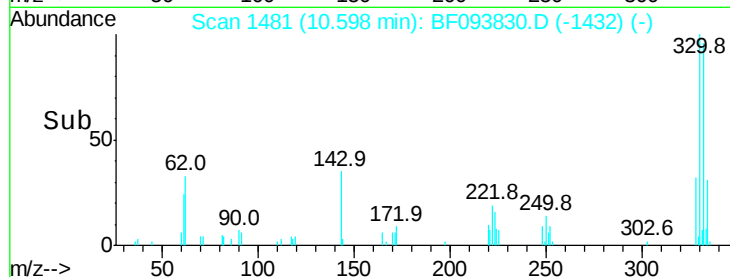
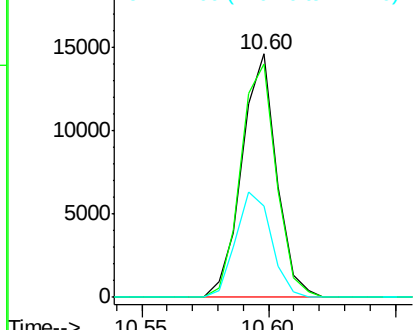
#41  
 2,4,6-Tribromophenol  
 Concen: 5.10 ng  
 RT: 10.60 min Scan# 1481  
 Delta R.T. -0.01 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tot Ion:330 Resp: 13903  
 Ion Ratio Lower Upper  
 330 100  
 332 98.4 76.6 115.0  
 141 44.5 31.4 47.2

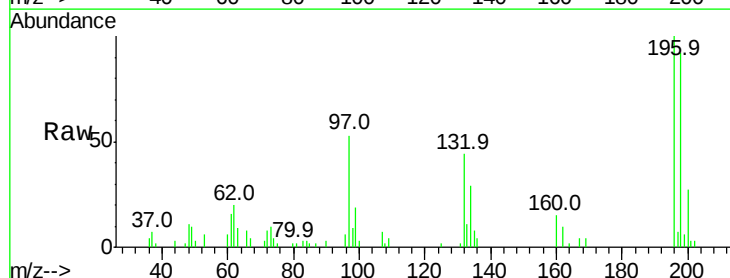


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

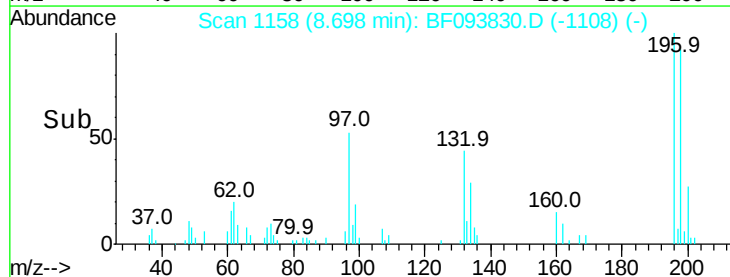
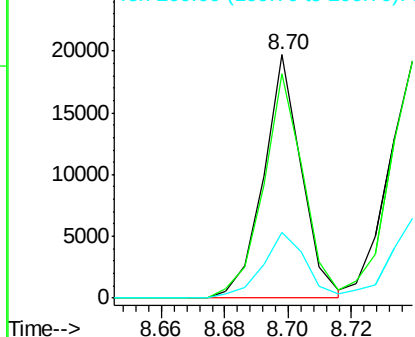


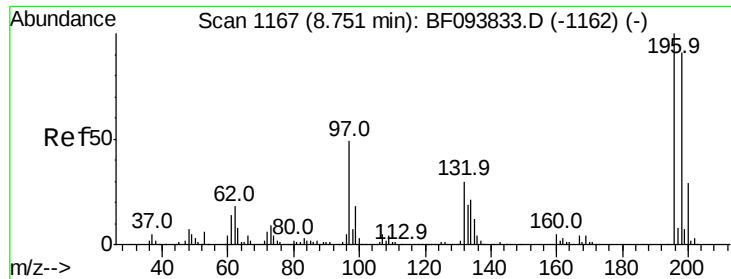
#42  
 2,4,6-Trichlorophenol  
 Concen: 2.42 ng  
 RT: 8.70 min Scan# 1158  
 Delta R.T. -0.01 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Tgt Ion:196 Resp: 16386  
 Ion Ratio Lower Upper  
 196 100  
 198 92.3 74.2 111.4  
 200 26.8 24.0 36.0



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

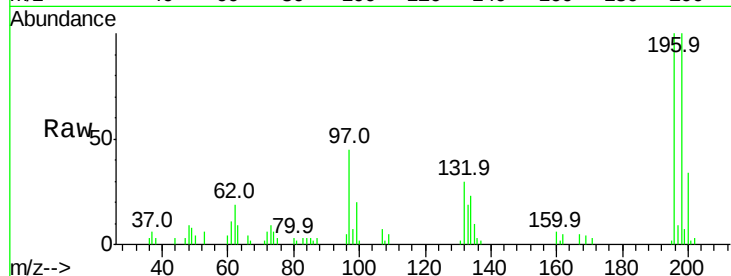




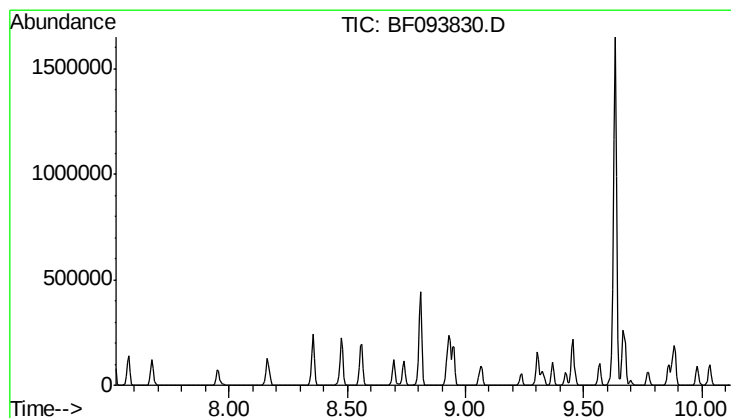
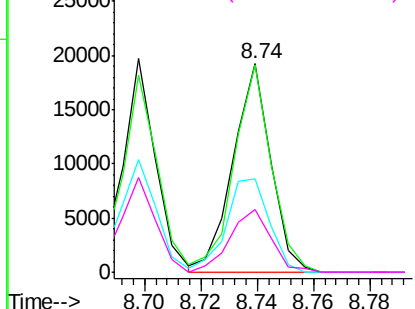
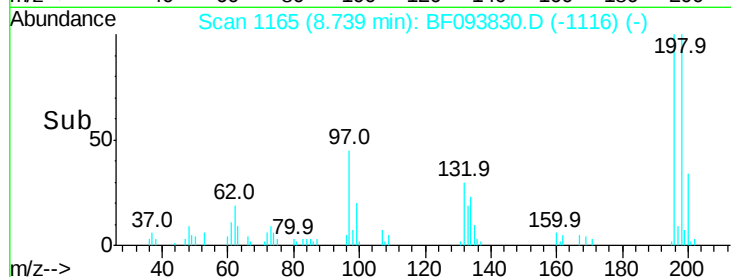
#43  
 2,4,5-Trichlorophenol  
 Concen: 2.55 ng  
 RT: 8.74 min Scan# 1165  
 Delta R.T. -0.01 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDIC2.5

Tot Ion:196 Resp: 17901  
 Ion Ratio Lower Upper  
 196 100  
 198 99.6 75.7 113.5  
 97 44.7 47.7 71.5#  
 132 30.1 28.0 42.0

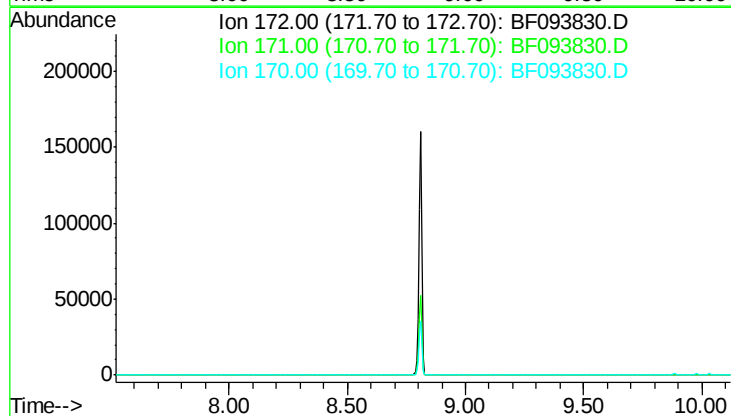


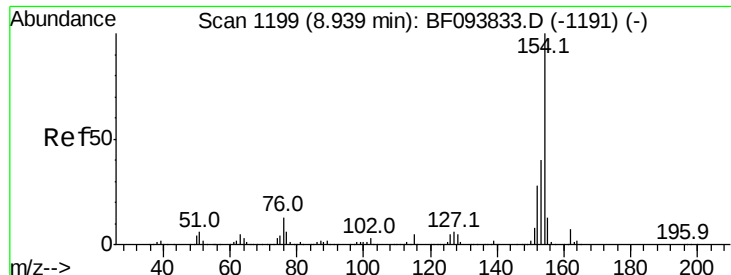
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 0.00 ng  
 Expected RT: 8.82 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Tgt Ion: 172  
 Sig Exp Ratio  
 172 100  
 171 37.0  
 170 24.8





#45

1,1'-Biphenyl

Concen: 2.79 ng

RT: 8.93 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

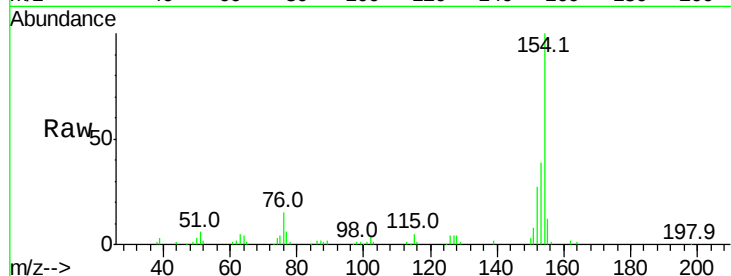
Tot Ion:154 Resp: 79707

Ion Ratio Lower Upper

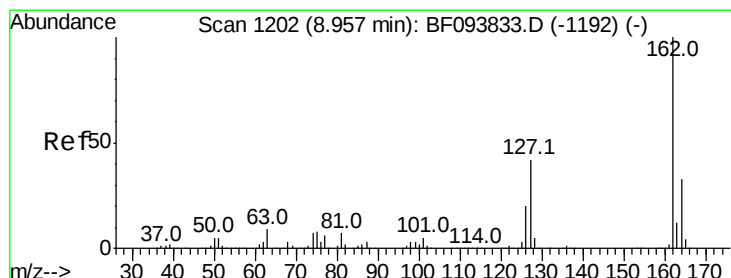
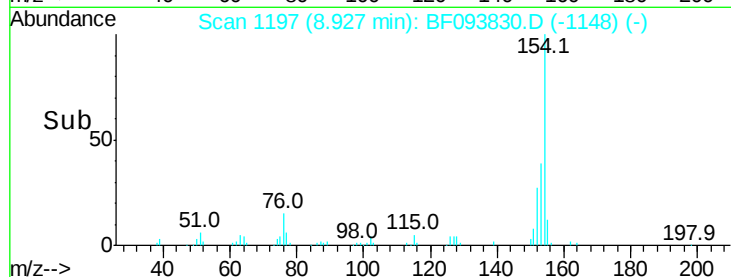
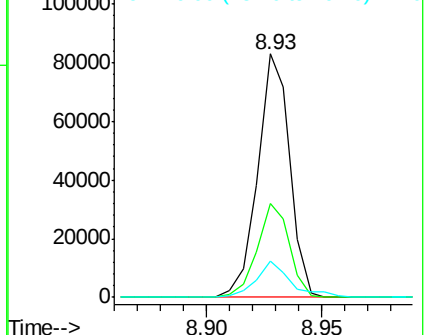
154 100

153 38.6 21.2 61.2

76 15.1 0.0 29.9



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: 2.79 ng

RT: 8.95 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

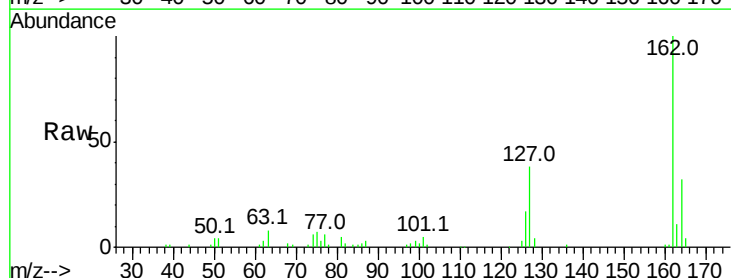
Tgt Ion:162 Resp: 61256

Ion Ratio Lower Upper

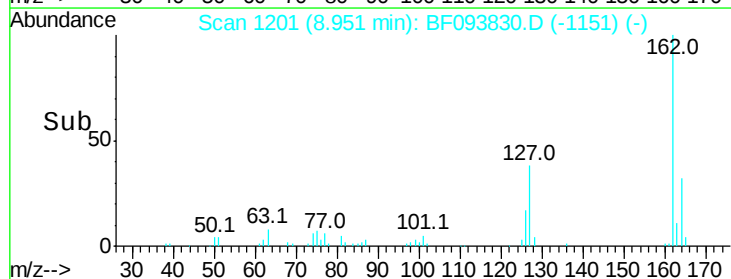
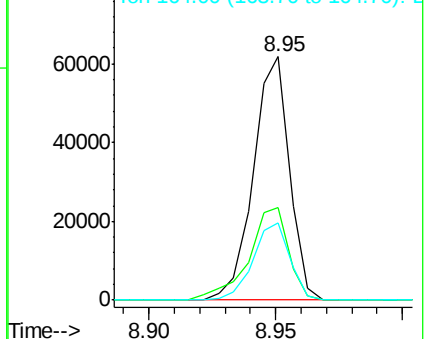
162 100

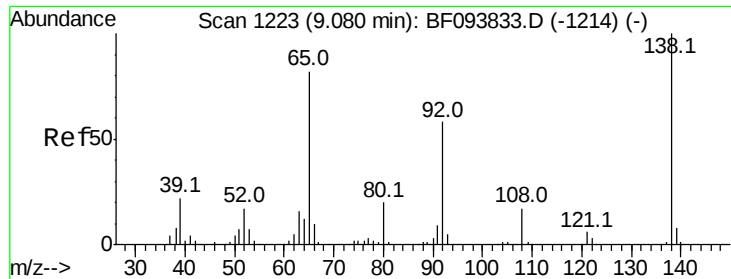
127 38.0 28.3 42.5

164 31.6 27.0 40.4



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

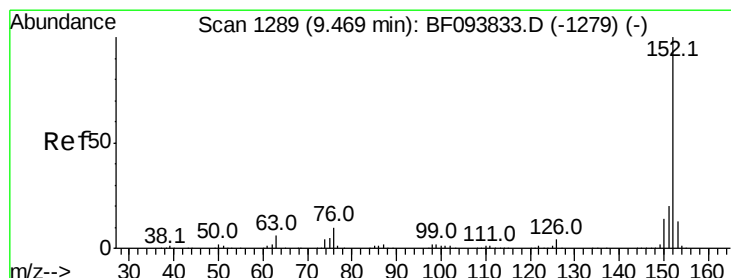
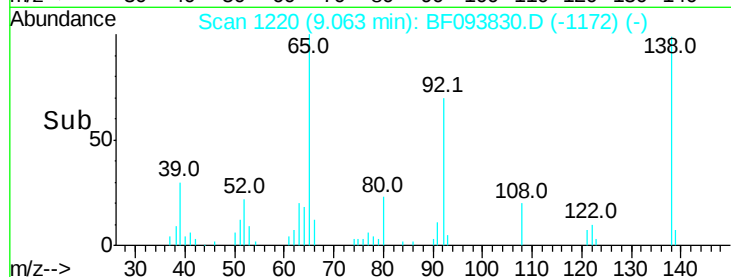
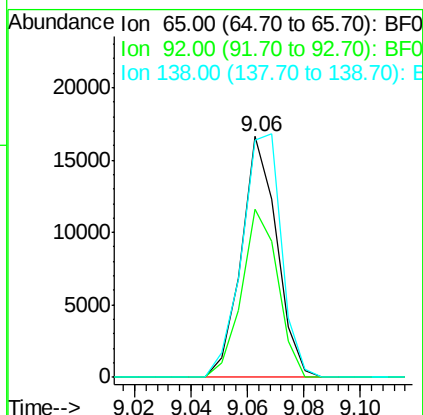
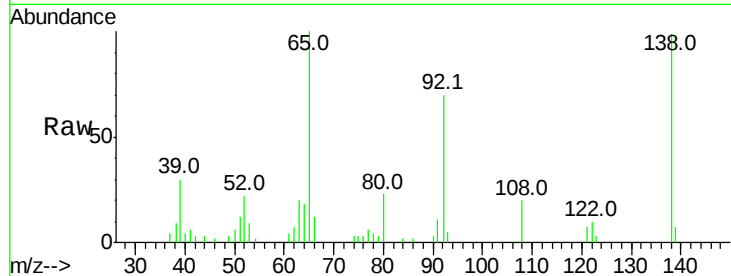




#47  
2-Nitroaniline  
Concen: 2.37 ng  
RT: 9.06 min Scan# 1220  
Delta R.T. -0.02 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

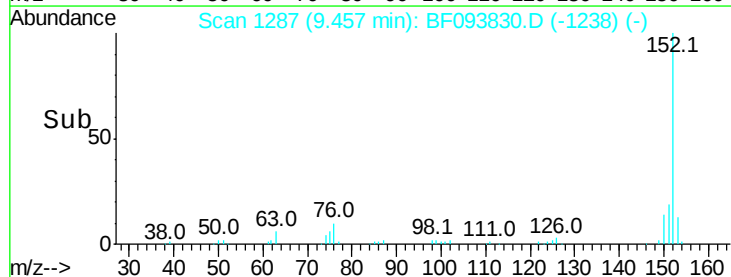
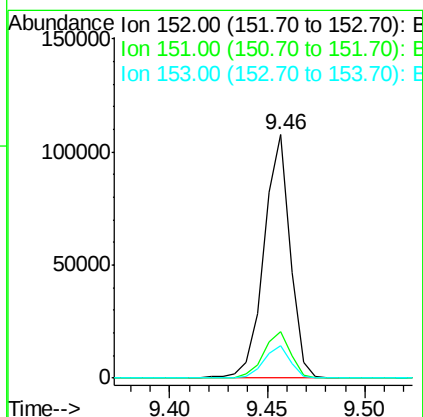
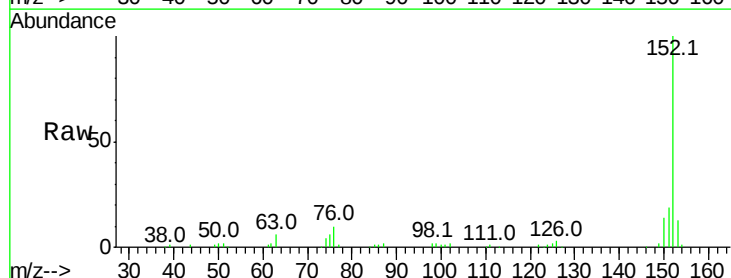
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

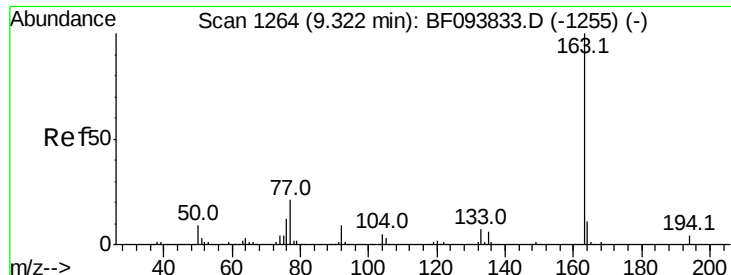
Tot Ion: 65 Resp: 14520  
Ion Ratio Lower Upper  
65 100  
92 70.0 53.9 80.9  
138 98.6 78.8 118.2



#48  
Acenaphthylene  
Concen: 2.80 ng  
RT: 9.46 min Scan# 1287  
Delta R.T. -0.01 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Tgt Ion:152 Resp: 99856  
Ion Ratio Lower Upper  
152 100  
151 19.0 16.8 25.2  
153 13.3 10.8 16.2

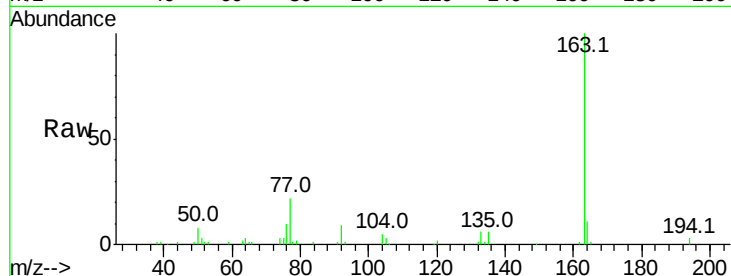




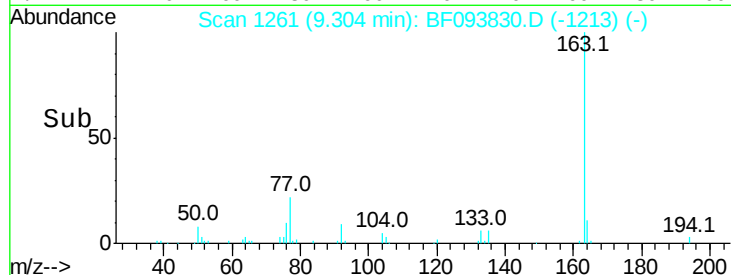
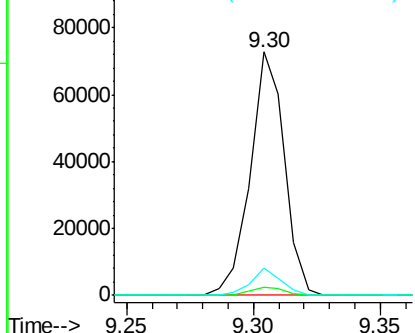
#49  
Dimethylphthalate  
Concen: 2.72 ng  
RT: 9.30 min Scan# 1261  
Delta R.T. -0.02 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tot Ion:163 Resp: 68002  
Ion Ratio Lower Upper  
163 100  
194 3.3 2.6 4.0  
164 11.2 8.4 12.6

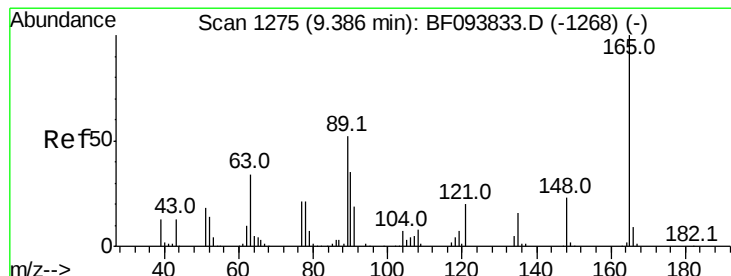


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

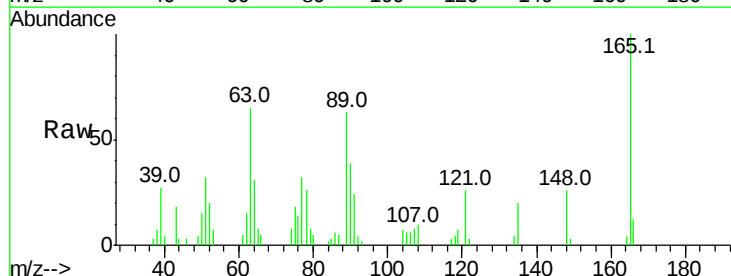
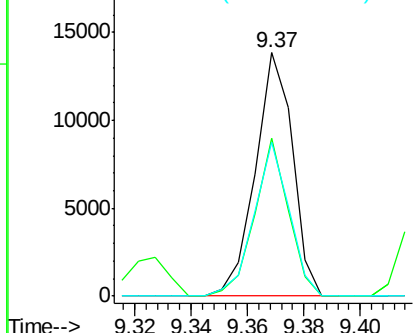


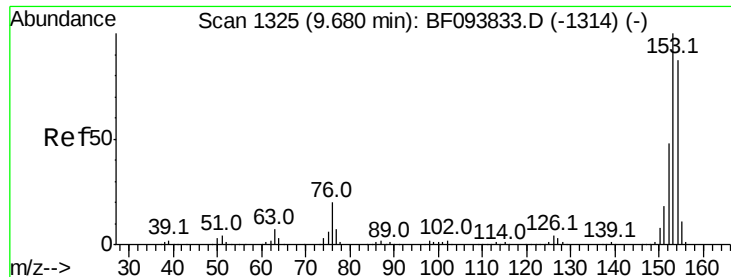
#50  
2,6-Dinitrotoluene  
Concen: 2.30 ng  
RT: 9.37 min Scan# 1272  
Delta R.T. -0.02 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Tgt Ion:165 Resp: 12654  
Ion Ratio Lower Upper  
165 100  
63 64.6 34.3 51.5#  
89 63.1 37.1 55.7#



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: 2.87 ng

RT: 9.67 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

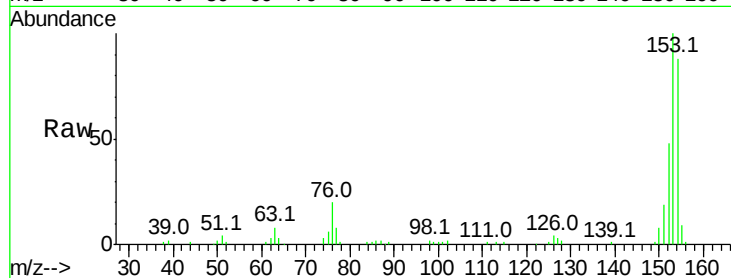
Tot Ion:154 Resp: 61196

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

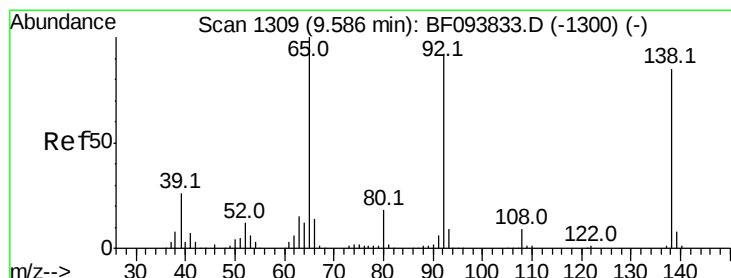
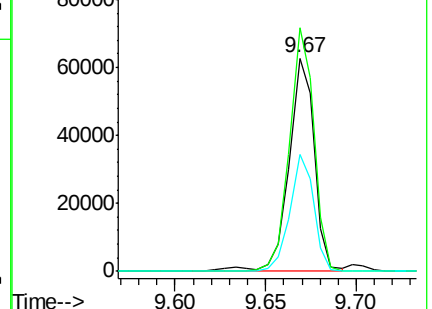
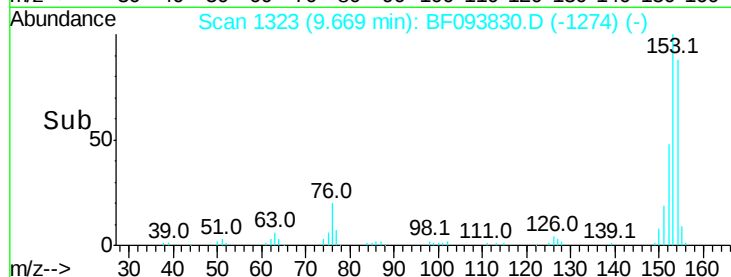
152 54.8 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 2.37 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

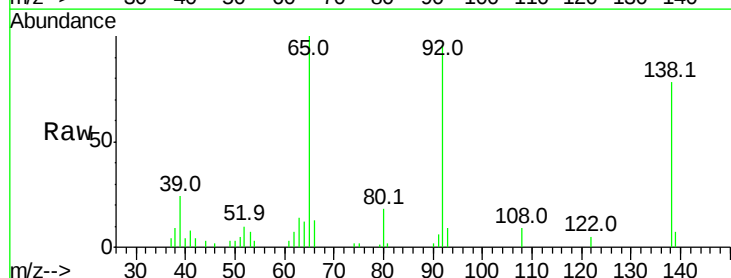
Tgt Ion:138 Resp: 15615

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

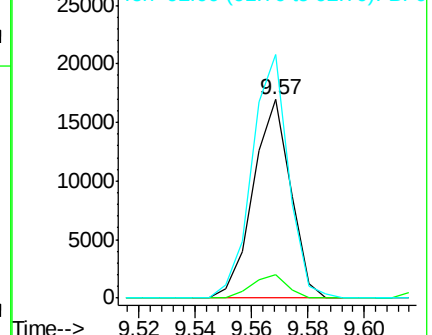
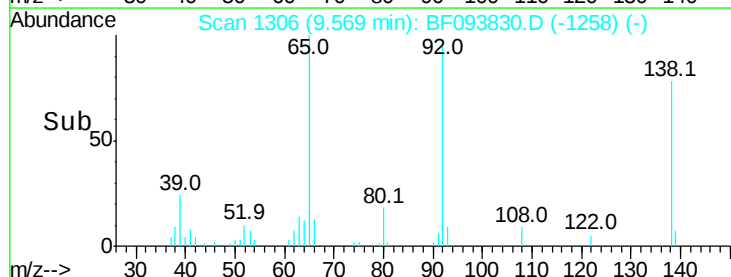
92 122.6 93.8 140.6

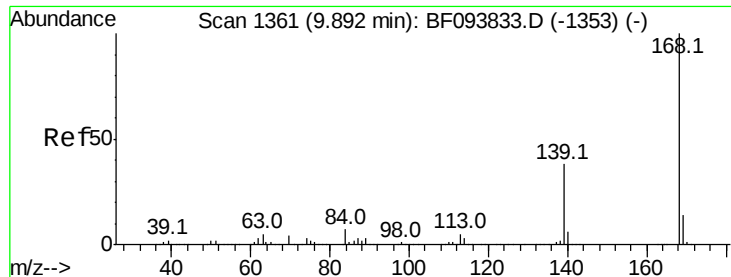


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

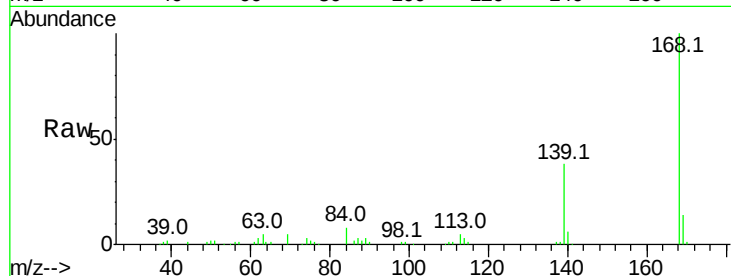




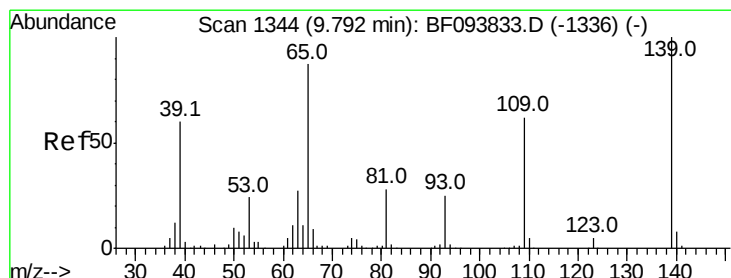
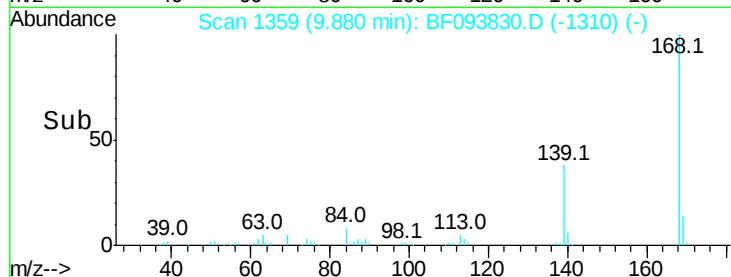
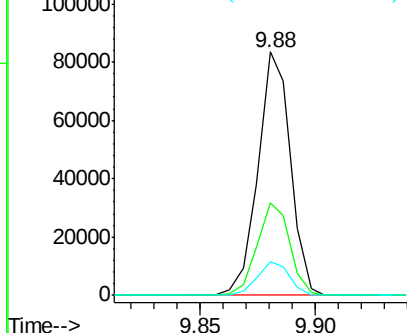
#54  
Dibenzofuran  
Concen: 2.85 ng  
RT: 9.88 min Scan# 1359  
Delta R.T. -0.01 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tot Ion:168 Resp: 81685  
Ion Ratio Lower Upper  
168 100  
139 38.2 30.6 45.8  
169 13.7 10.8 16.2

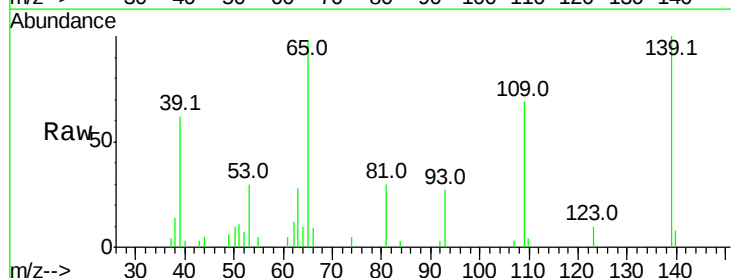


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

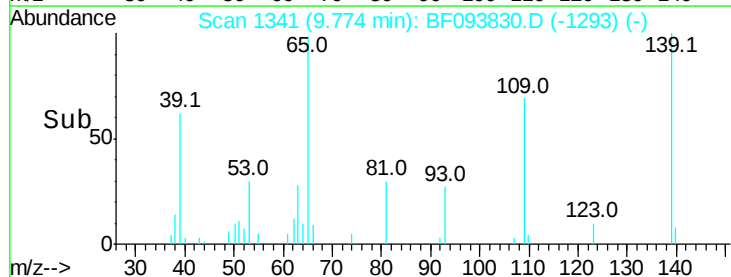
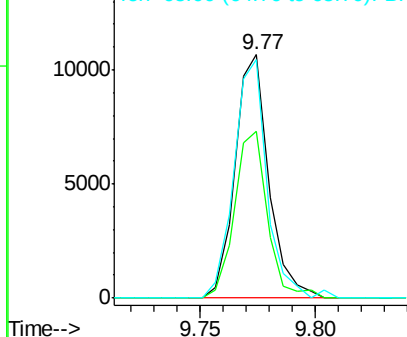


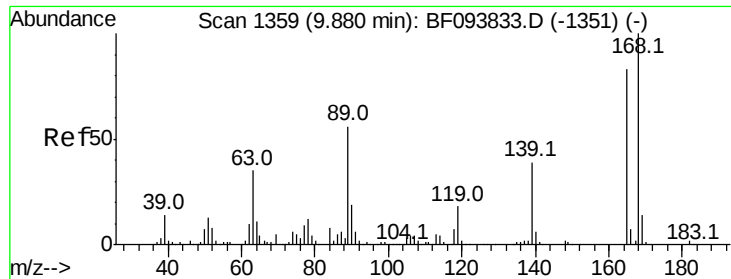
#55  
4-Nitrophenol  
Concen: 2.20 ng  
RT: 9.77 min Scan# 1341  
Delta R.T. -0.02 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Tgt Ion:139 Resp: 10882  
Ion Ratio Lower Upper  
139 100  
109 68.7 34.1 74.1  
65 97.9 31.4 71.4#



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

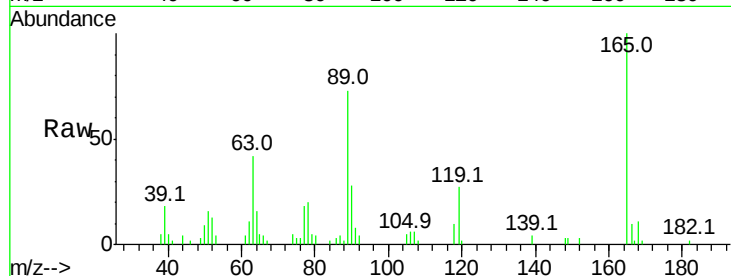




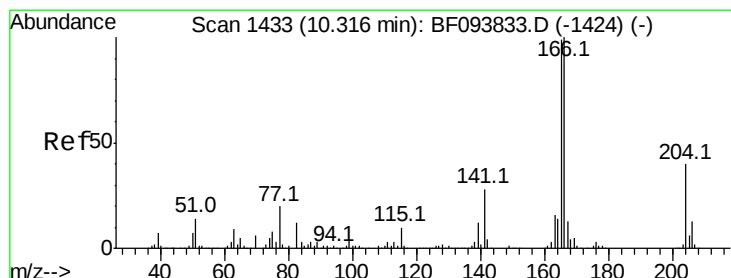
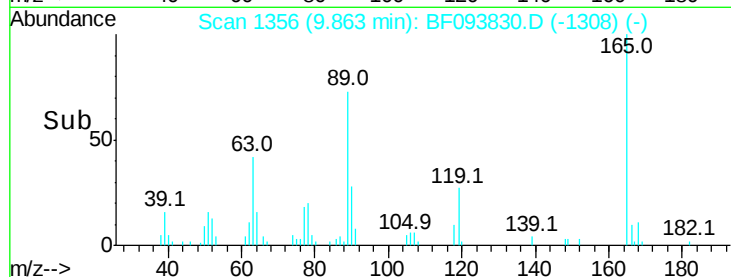
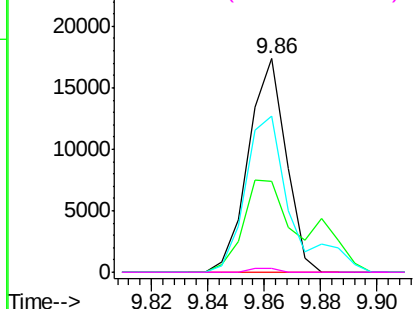
#56  
2,4-Dinitrotoluene  
Concen: 2.30 ng  
RT: 9.86 min Scan# 1356  
Delta R.T. -0.02 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tot Ion:165 Resp: 16068  
Ion Ratio Lower Upper  
165 100  
63 42.3 25.4 38.0#  
89 73.0 46.4 69.6#  
182 1.9 1.8 2.6

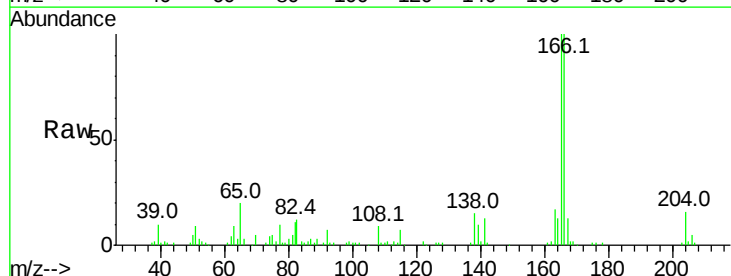


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0  
Ion 182.00 (181.70 to 182.70): E

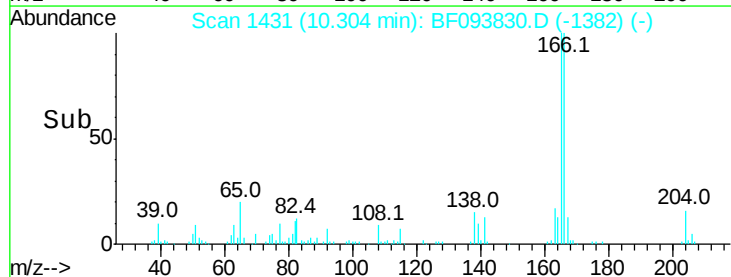
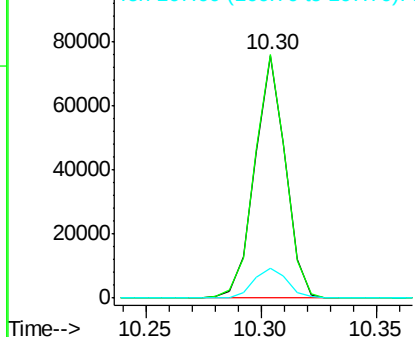


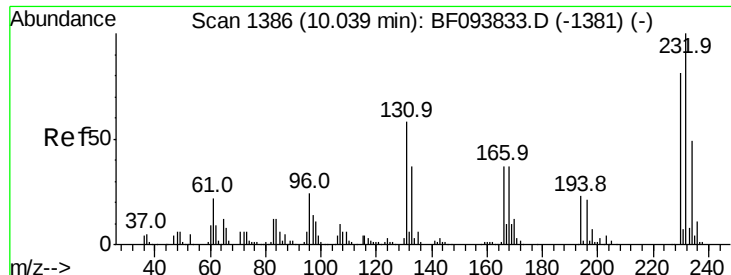
#57  
Fluorene  
Concen: 3.19 ng  
RT: 10.30 min Scan# 1431  
Delta R.T. -0.01 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Tgt Ion:166 Resp: 70044  
Ion Ratio Lower Upper  
166 100  
165 100.5 78.8 118.2  
167 12.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 2.48 ng

RT: 10.03 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

Tot Ion:232 Resp: 11968

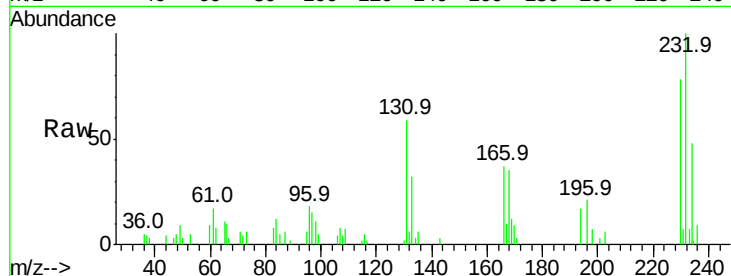
Ion Ratio Lower Upper

232 100

131 57.4 44.8 67.2

130 0.9 2.3 3.5#

166 36.0 29.0 43.4

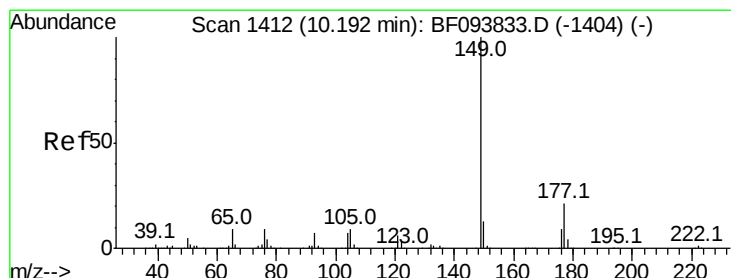
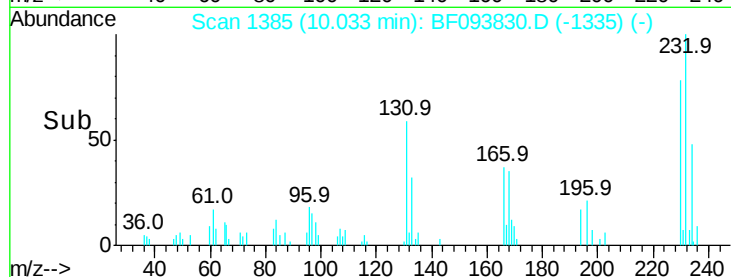
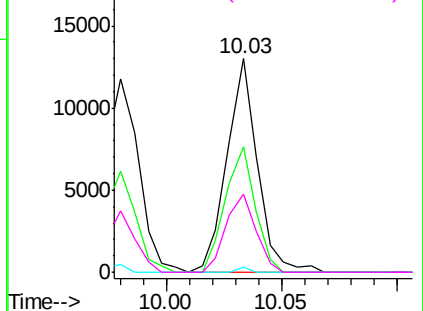


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 2.69 ng

RT: 10.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

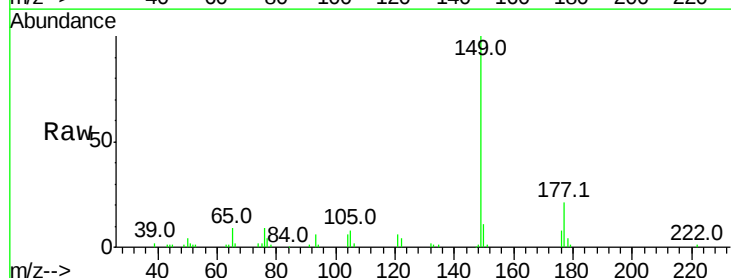
Tgt Ion:149 Resp: 65697

Ion Ratio Lower Upper

149 100

177 21.0 16.7 25.1

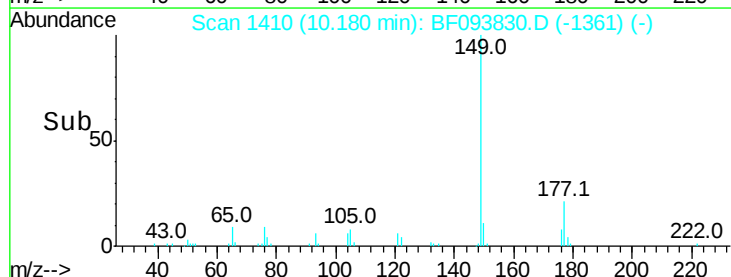
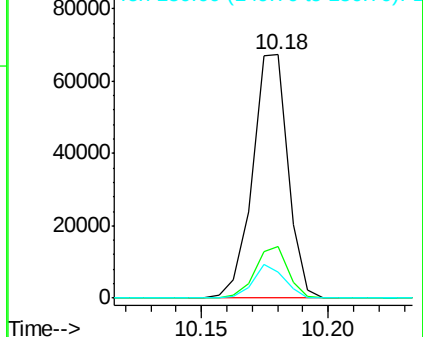
150 10.6 10.2 15.2

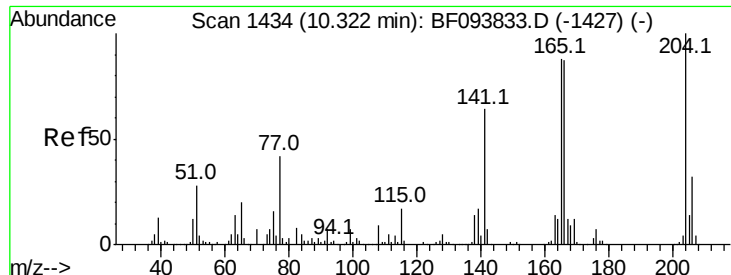


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

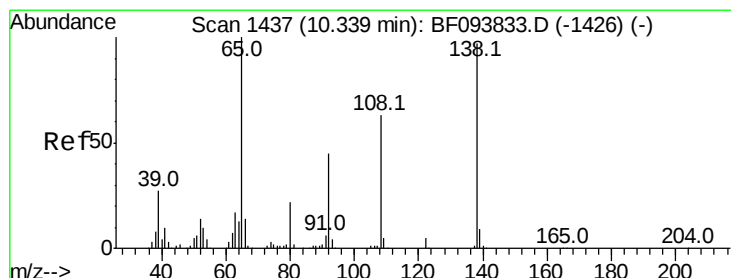
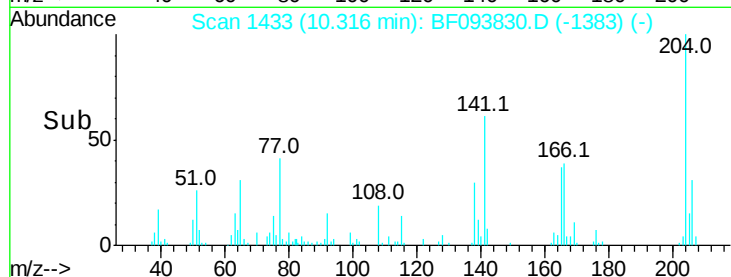
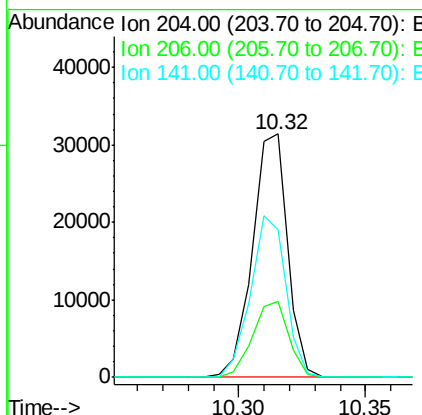
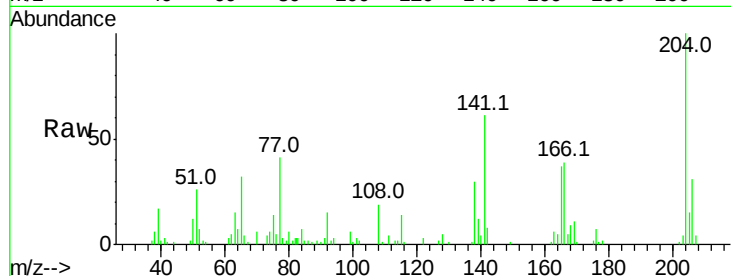




#60  
 4-Chlorophenyl-phenylether  
 Concen: 3.29 ng  
 RT: 10.32 min Scan# 1433  
 Delta R.T. -0.01 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

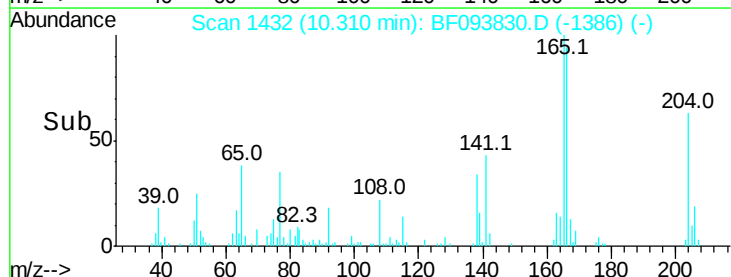
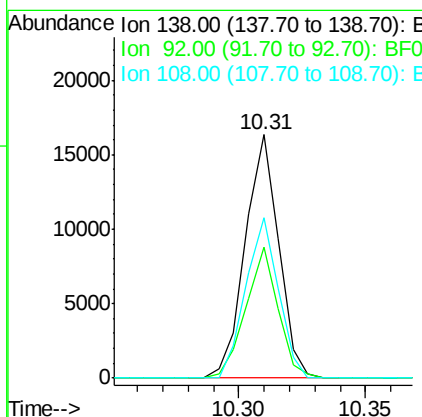
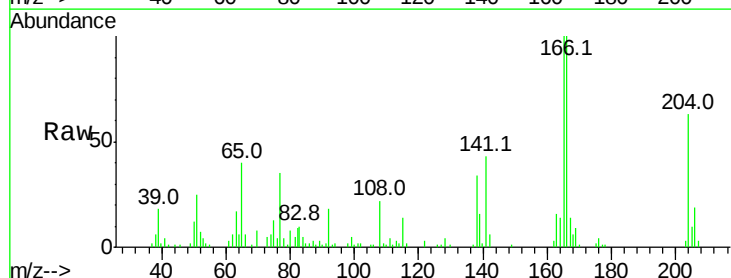
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

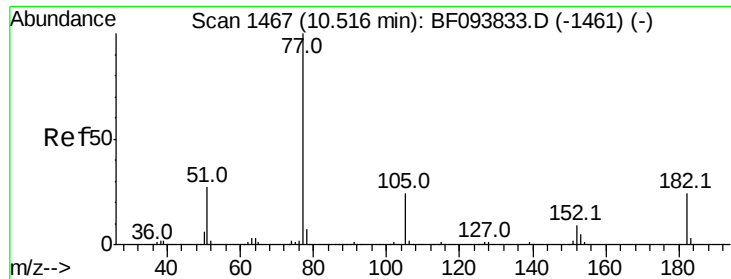
Tot Ion:204 Resp: 30453  
 Ion Ratio Lower Upper  
 204 100  
 206 31.3 26.2 39.2  
 141 60.6 60.8 91.2#



#61  
 4-Nitroaniline  
 Concen: 2.55 ng  
 RT: 10.31 min Scan# 1432  
 Delta R.T. -0.03 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Tgt Ion:138 Resp: 15048  
 Ion Ratio Lower Upper  
 138 100  
 92 53.6 21.8 61.8  
 108 65.6 42.3 82.3





#62

Azobenzene

Concen: 2.55 ng

RT: 10.50 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

Tot Ion: 77 Resp: 61434

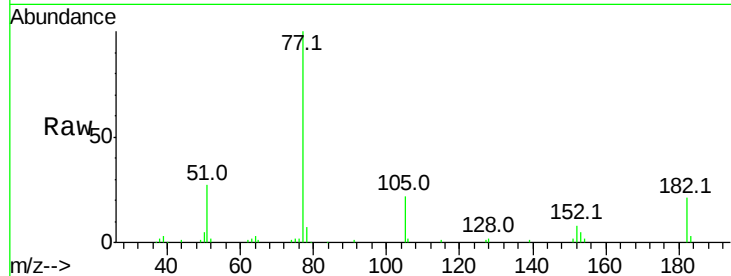
Ion Ratio Lower Upper

77 100

182 20.8 0.1 40.1

105 22.2 3.6 43.6

51 27.4 9.4 49.4

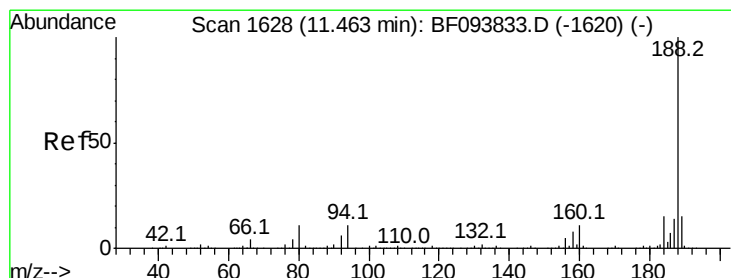
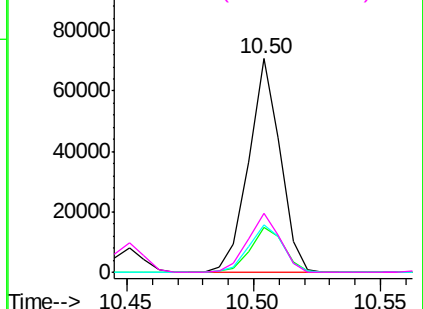
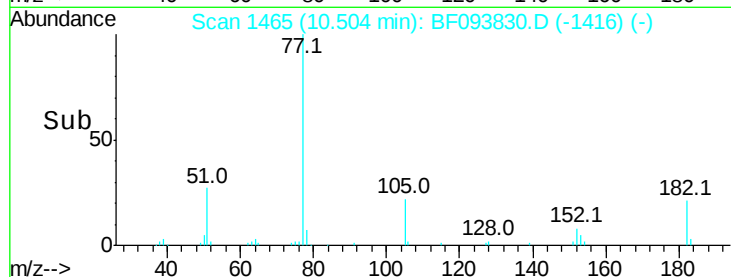


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

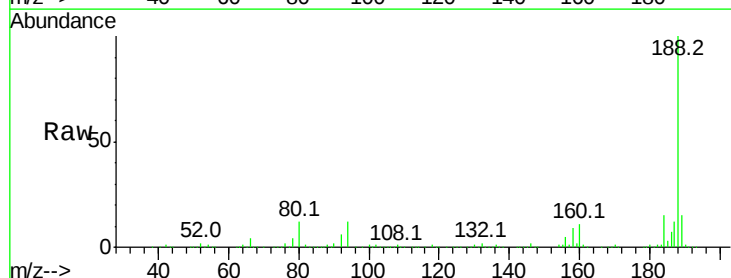
Tgt Ion: 188 Resp: 628270

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

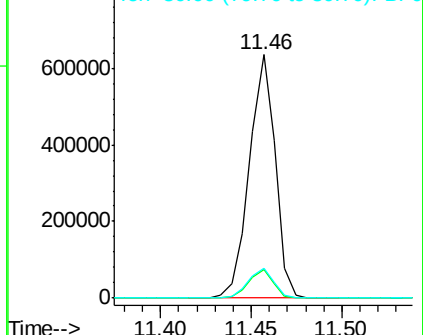
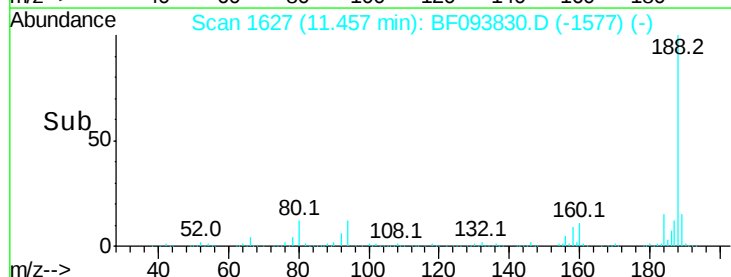
80 12.4 10.2 15.2

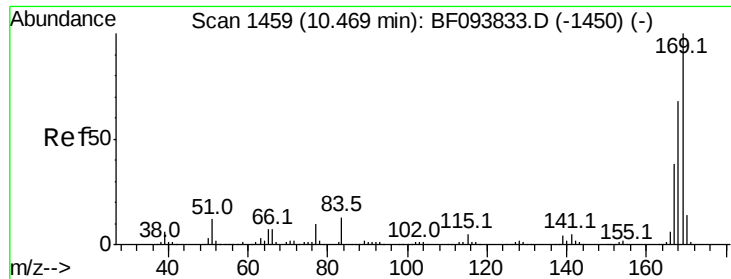


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

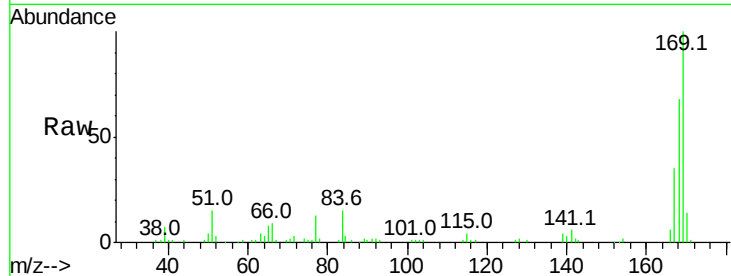




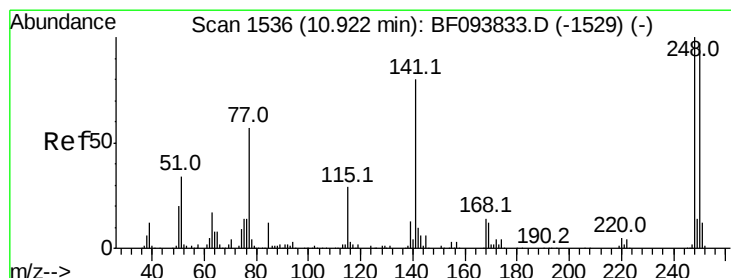
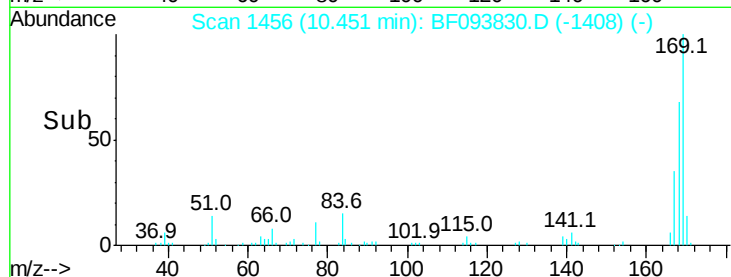
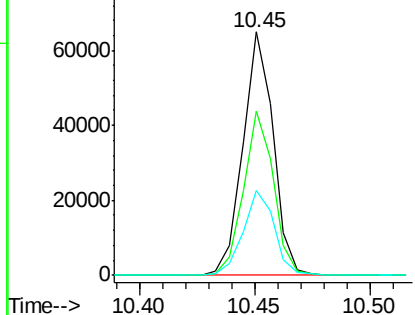
#65  
 n-Nitrosodiphenylamine  
 Concen: 2.83 ng  
 RT: 10.45 min Scan# 1456  
 Delta R.T. -0.02 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tot Ion:169 Resp: 59378  
 Ion Ratio Lower Upper  
 169 100  
 168 67.6 53.2 79.8  
 167 34.7 29.5 44.3

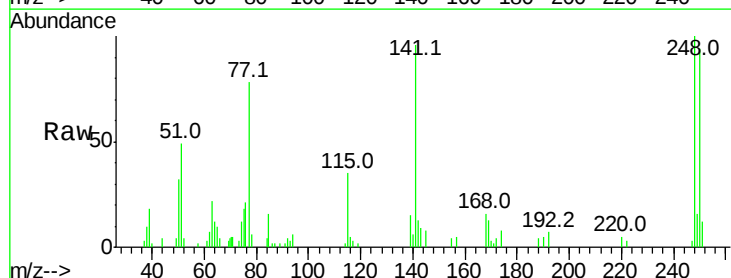


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

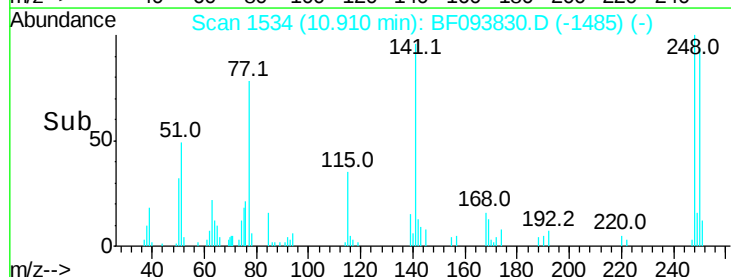
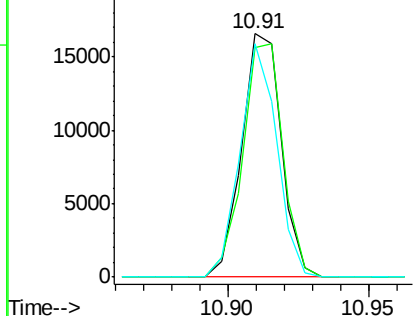


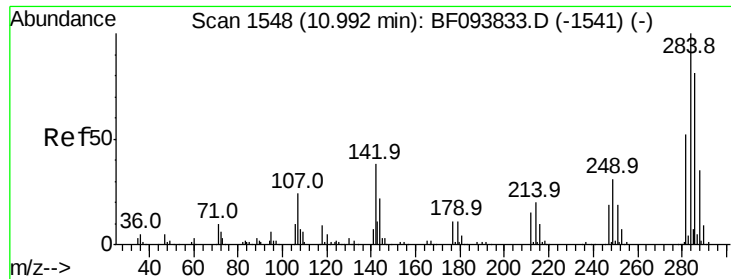
#66  
 4-Bromophenyl-phenylether  
 Concen: 2.67 ng  
 RT: 10.91 min Scan# 1534  
 Delta R.T. -0.01 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Tgt Ion:248 Resp: 16120  
 Ion Ratio Lower Upper  
 248 100  
 250 94.1 76.8 115.2  
 141 95.7 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 2.66 ng

RT: 10.98 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

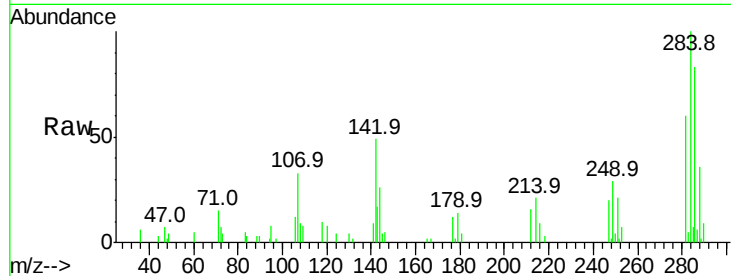
Tot Ion:284 Resp: 16619

Ion Ratio Lower Upper

284 100

142 48.8 22.8 34.2#

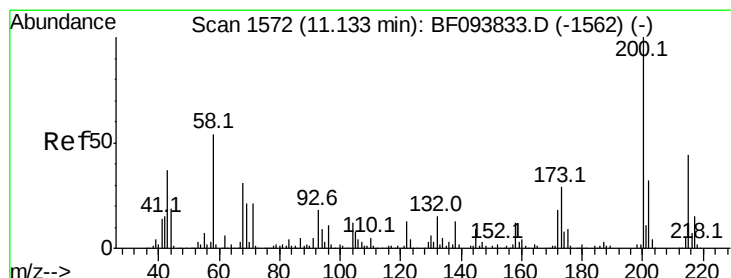
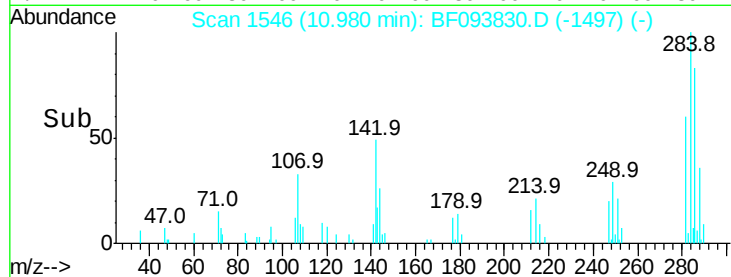
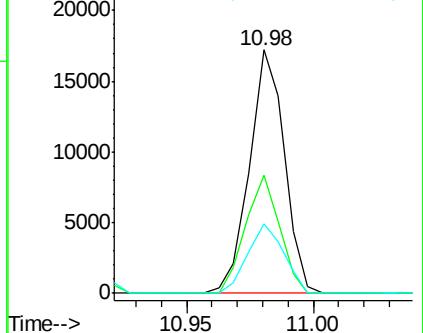
249 28.7 24.0 36.0



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: 2.53 ng

RT: 11.12 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

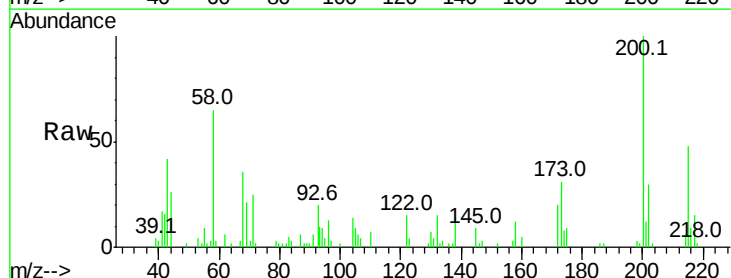
Tgt Ion:200 Resp: 16264

Ion Ratio Lower Upper

200 100

173 30.9 6.3 46.3

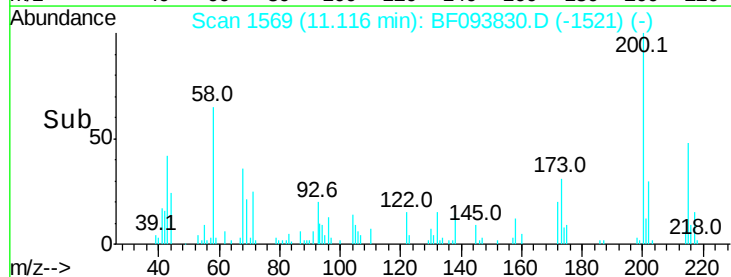
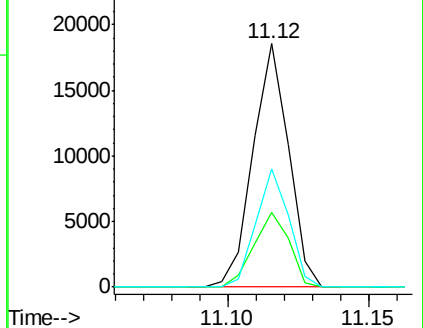
215 48.3 27.2 67.2

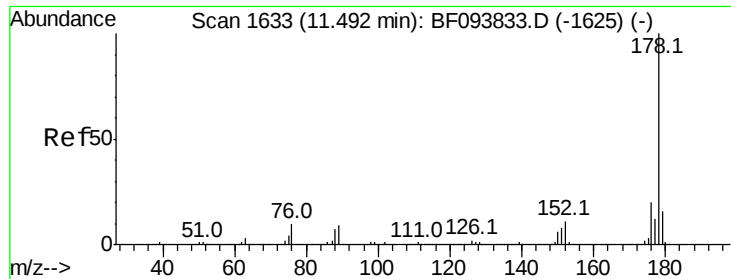


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

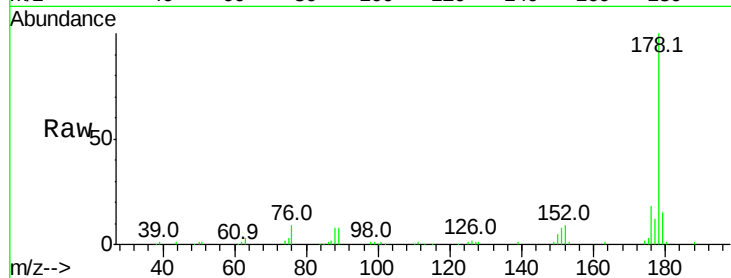




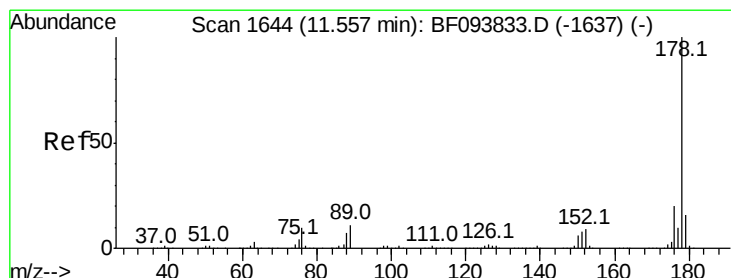
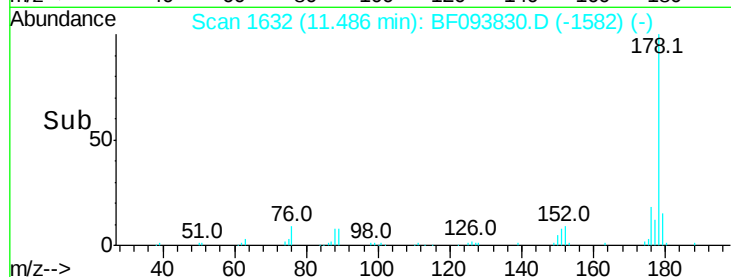
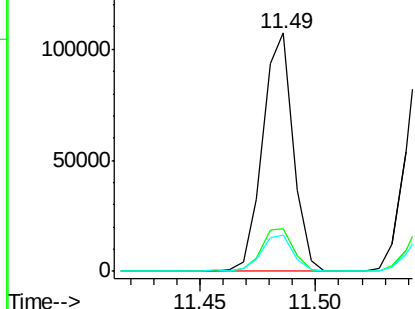
#70  
Phenanthrene  
Concen: 2.95 ng  
RT: 11.49 min Scan# 1632  
Delta R.T. -0.01 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tot Ion:178 Resp: 98692  
Ion Ratio Lower Upper  
178 100  
176 17.9 16.2 24.4  
179 15.1 12.6 19.0

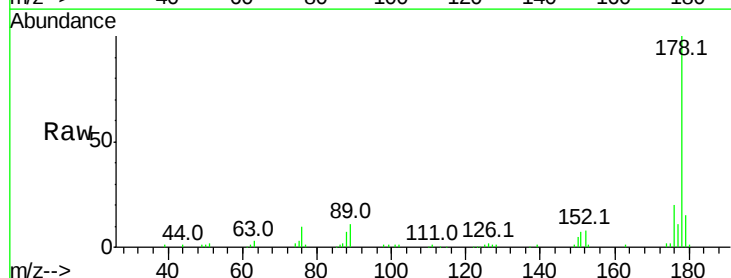


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

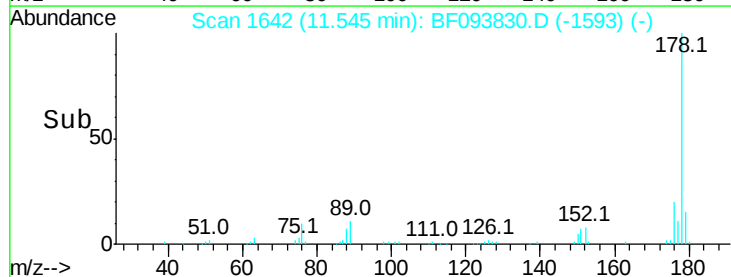
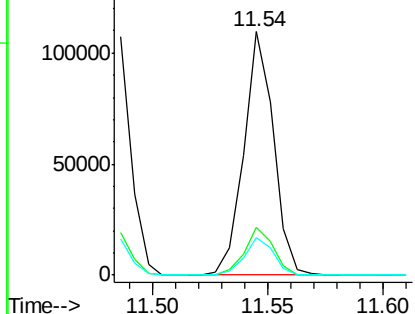


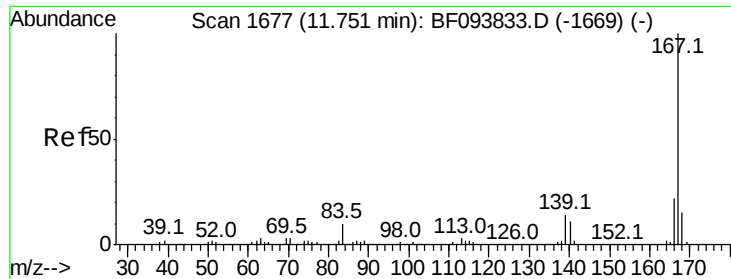
#71  
Anthracene  
Concen: 2.86 ng  
RT: 11.54 min Scan# 1642  
Delta R.T. -0.01 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Tgt Ion:178 Resp: 98551  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.8 23.8  
179 15.4 12.7 19.1



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





#72

Carbazole

Concen: 3.01 ng

RT: 11.74 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

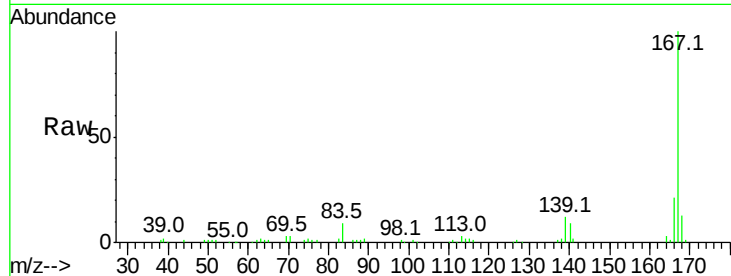
Tot Ion:167 Resp: 102575

Ion Ratio Lower Upper

167 100

166 21.1 18.1 27.1

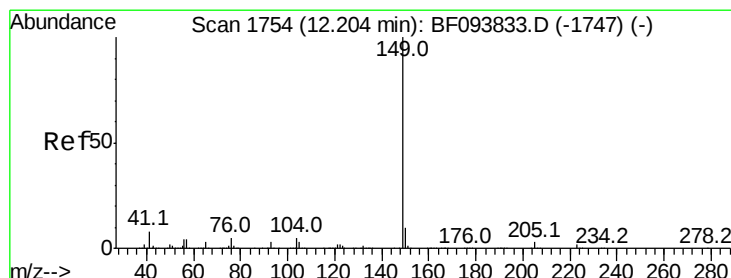
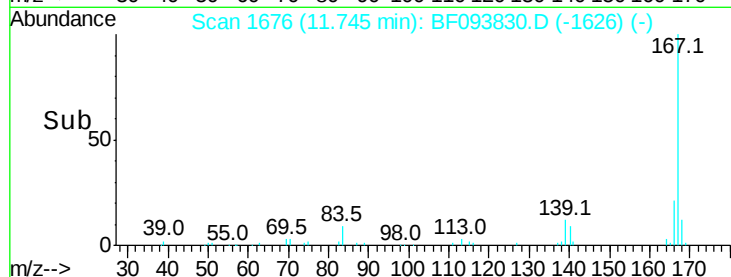
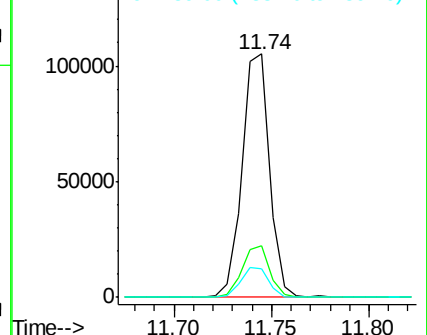
139 11.8 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 2.60 ng

RT: 12.20 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

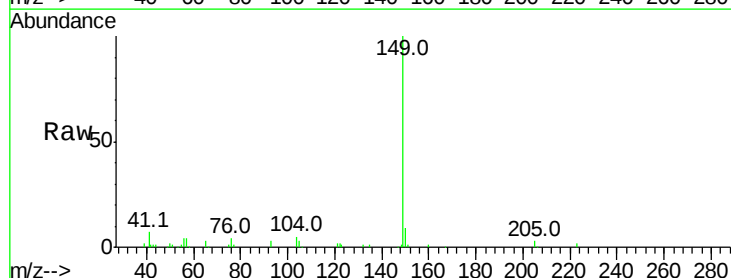
Tgt Ion:149 Resp: 95539

Ion Ratio Lower Upper

149 100

150 8.7 7.7 11.5

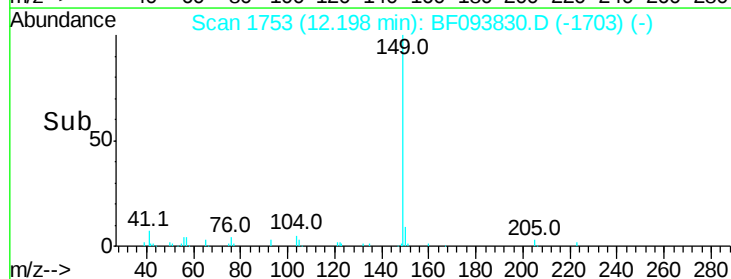
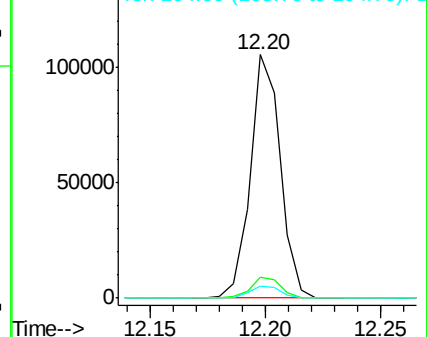
104 4.8 4.0 6.0

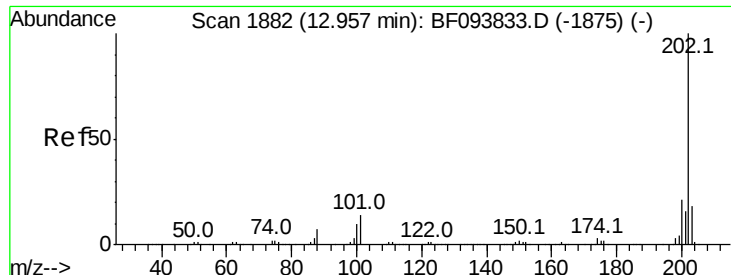


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

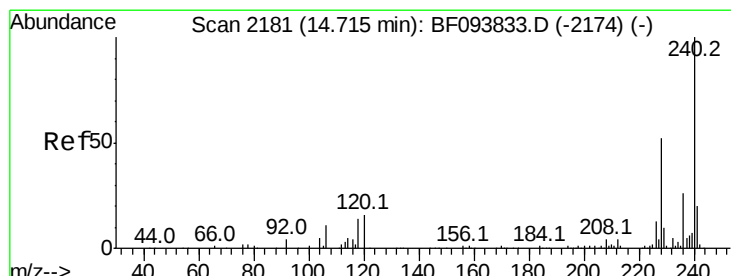
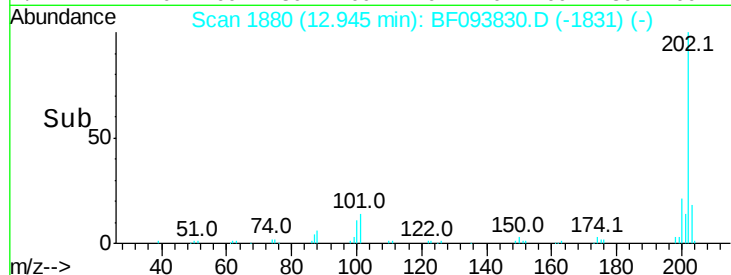
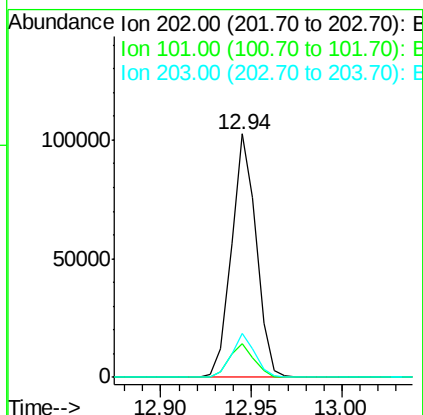
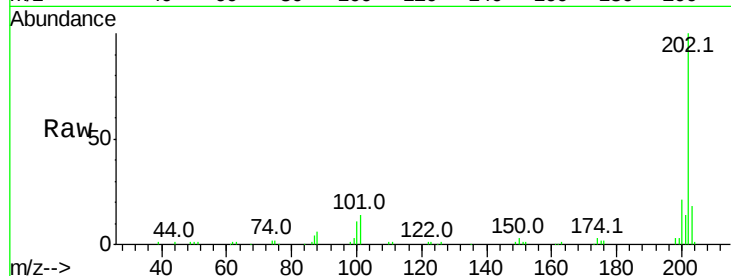




#74  
**Fluoranthene**  
 Concen: 2.83 ng  
 RT: 12.94 min Scan# 1880  
 Delta R.T. -0.01 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

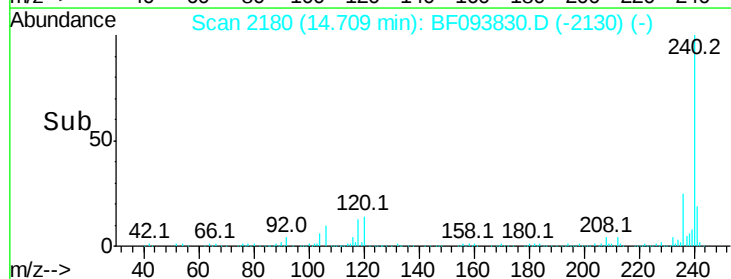
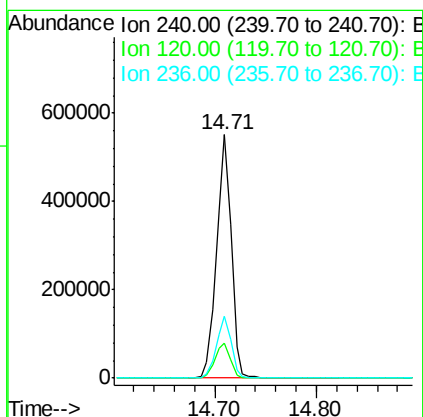
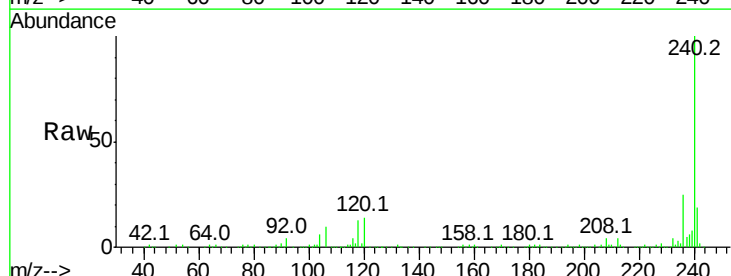
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

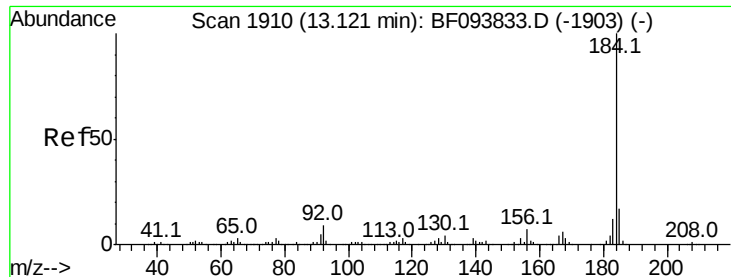
Tot Ion:202 Resp: 97163  
 Ion Ratio Lower Upper  
 202 100  
 101 13.8 0.0 33.2  
 203 18.1 0.0 38.1



#75  
**Chrysene-d12**  
 Concen: 20.00 ng  
 RT: 14.71 min Scan# 2180  
 Delta R.T. -0.01 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Tgt Ion:240 Resp: 555299  
 Ion Ratio Lower Upper  
 240 100  
 120 14.4 5.8 8.8#  
 236 25.3 20.5 30.7

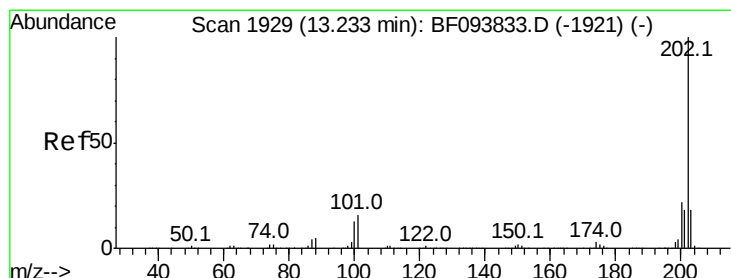
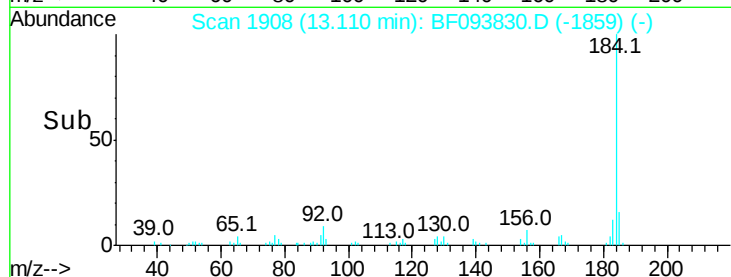
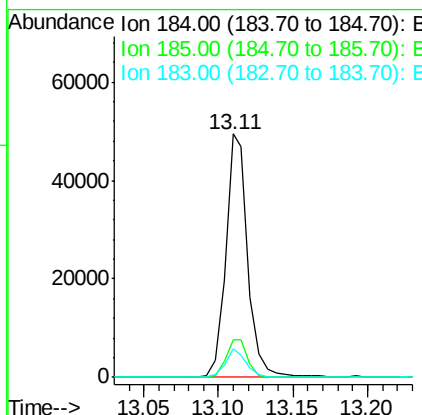
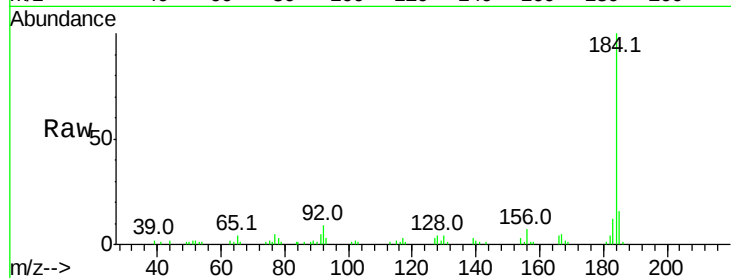




#76  
Benzidine  
Concen: 2.11 ng  
RT: 13.11 min Scan# 1908  
Delta R.T. -0.01 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

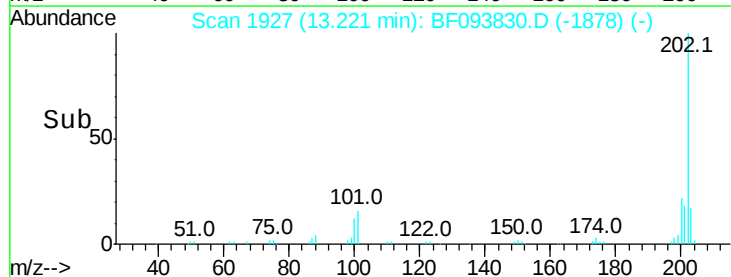
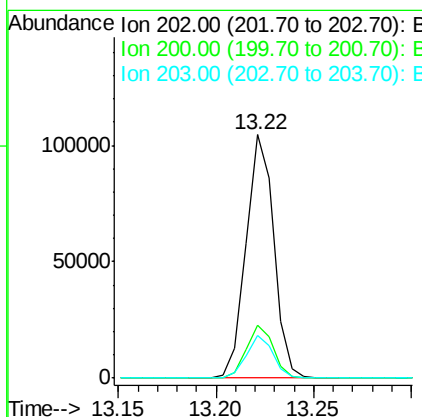
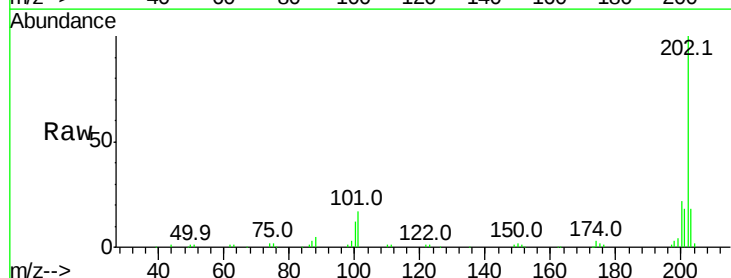
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

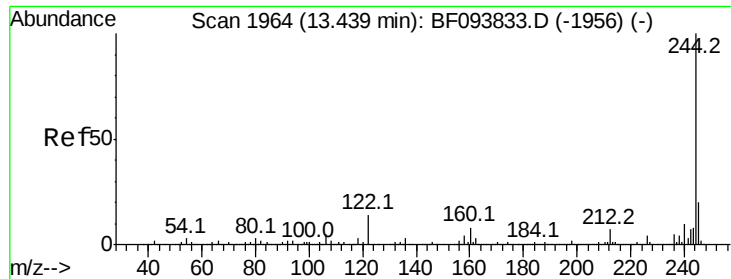
Tot Ion:184 Resp: 51390  
Ion Ratio Lower Upper  
184 100  
185 15.7 15.5 23.3  
183 11.9 9.8 14.6



#77  
Pyrene  
Concen: 2.23 ng  
RT: 13.22 min Scan# 1927  
Delta R.T. -0.01 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Tgt Ion:202 Resp: 103179  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.6 26.4  
203 17.5 14.4 21.6





#78

Terphenyl-d14

Concen: 5.15 ng

RT: 13.43 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

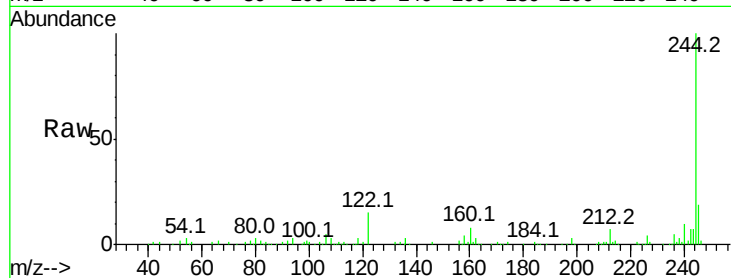
Tot Ion:244 Resp: 140264

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

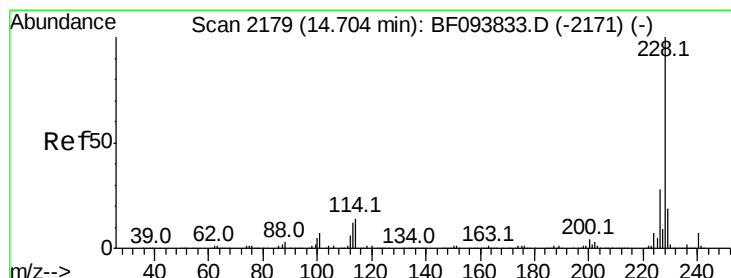
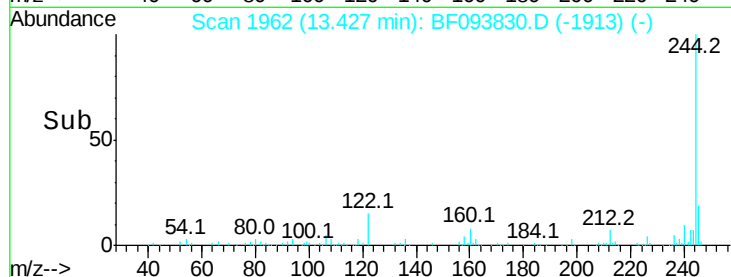
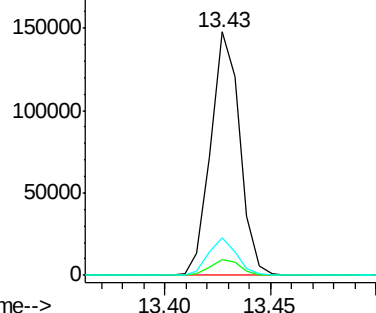
122 15.3 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 2.38 ng

RT: 14.70 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

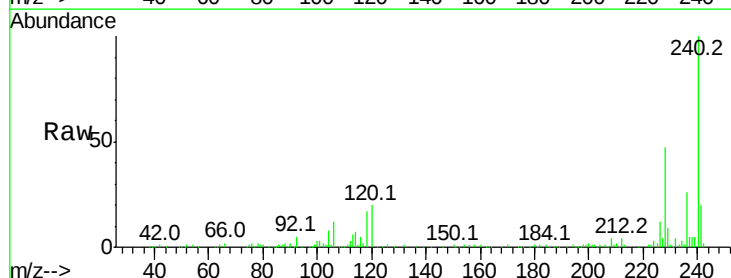
Tgt Ion:228 Resp: 82873

Ion Ratio Lower Upper

228 100

226 26.1 22.6 33.8

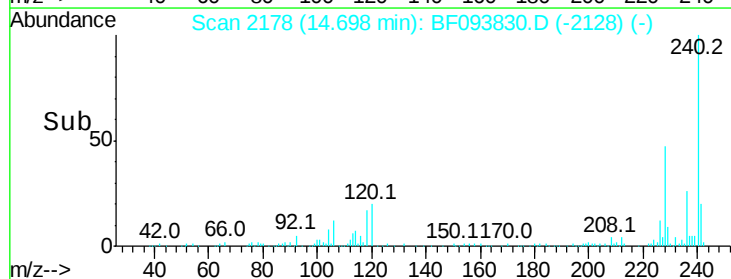
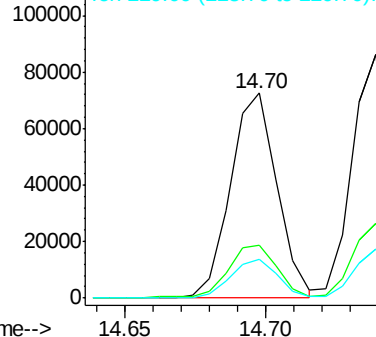
229 19.2 16.3 24.5

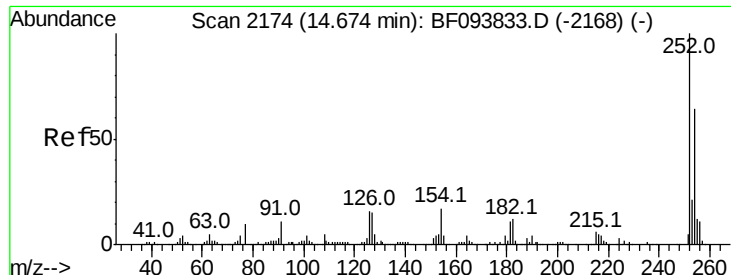


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

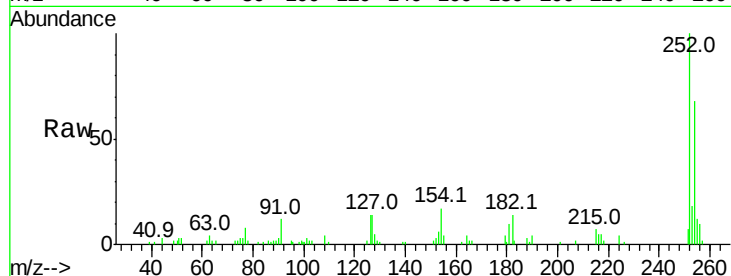




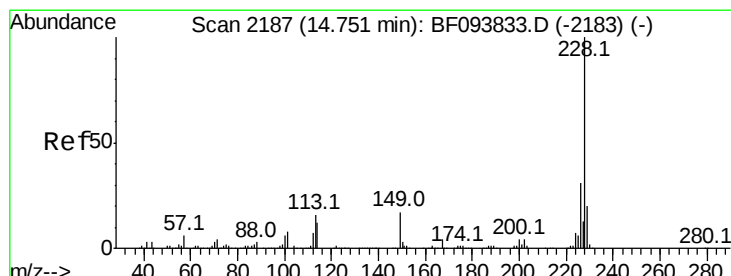
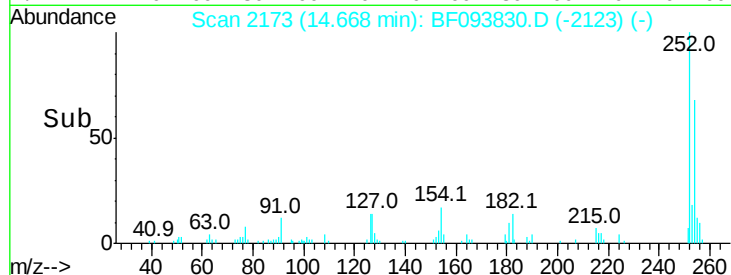
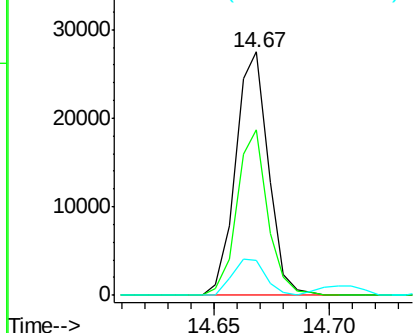
#81  
 3,3'-Dichlorobenzidine  
 Concen: 2.08 ng  
 RT: 14.67 min Scan# 2173  
 Delta R.T. -0.01 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tot Ion:252 Resp: 27239  
 Ion Ratio Lower Upper  
 252 100  
 254 67.9 51.5 77.3  
 126 14.2 15.8 23.8#

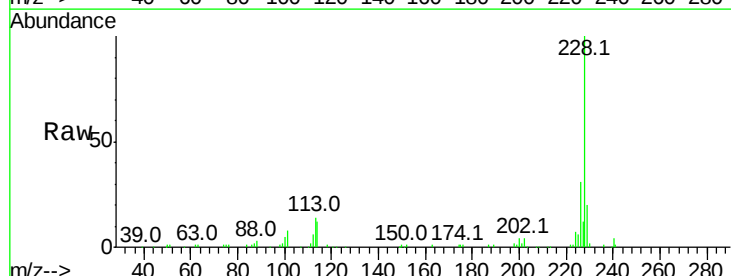


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

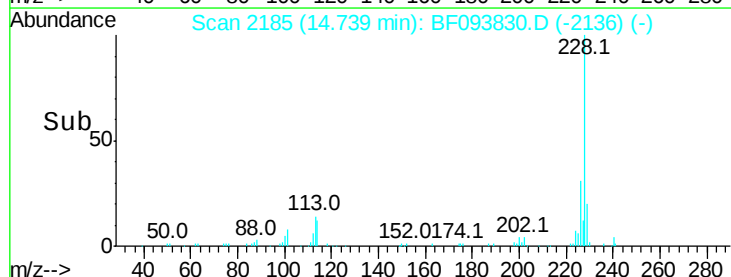
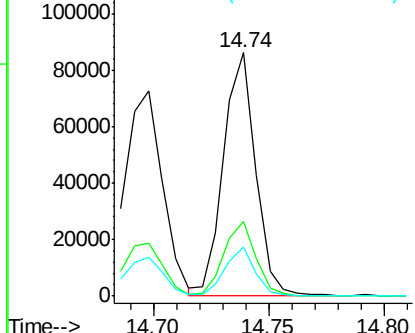


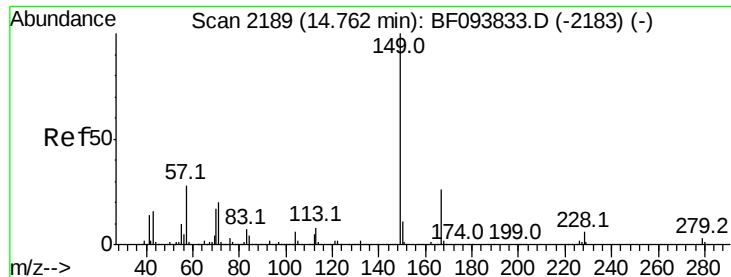
#82  
 Chrysene  
 Concen: 2.41 ng  
 RT: 14.74 min Scan# 2185  
 Delta R.T. -0.01 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Tgt Ion:228 Resp: 83709  
 Ion Ratio Lower Upper  
 228 100  
 226 30.6 24.9 37.3  
 229 20.1 15.8 23.6



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

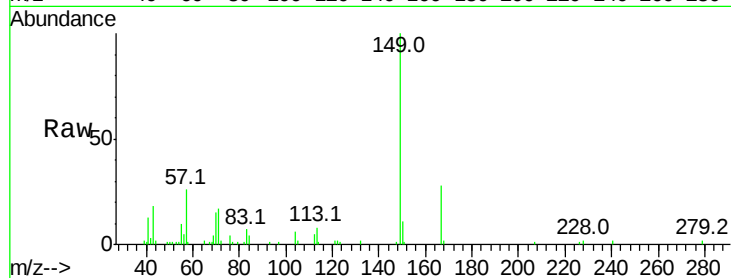




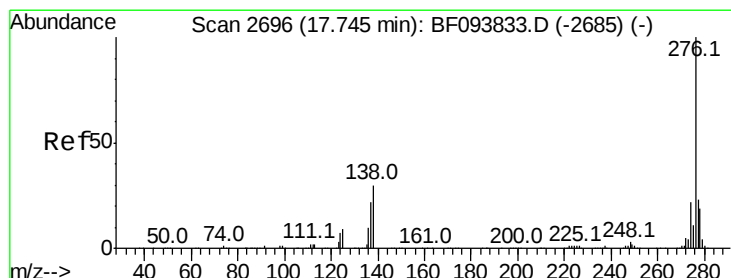
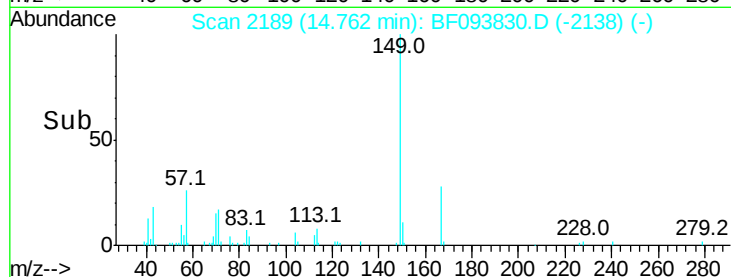
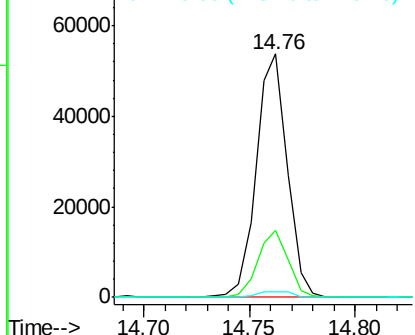
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.20 ng  
 RT: 14.76 min Scan# 2189  
 Delta R.T. -0.00 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Tot Ion:149 Resp: 54817  
 Ion Ratio Lower Upper  
 149 100  
 167 27.6 21.0 31.4  
 279 2.4 1.9 2.9

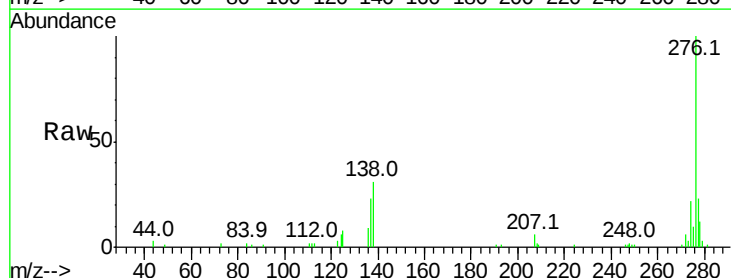


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

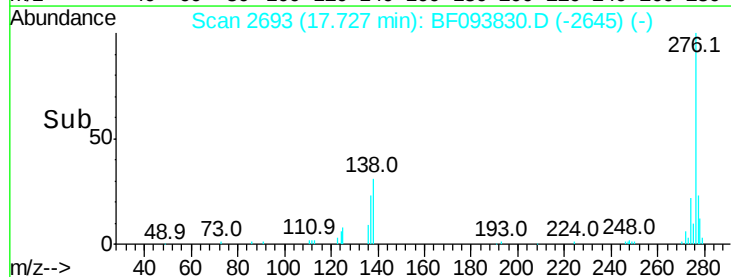
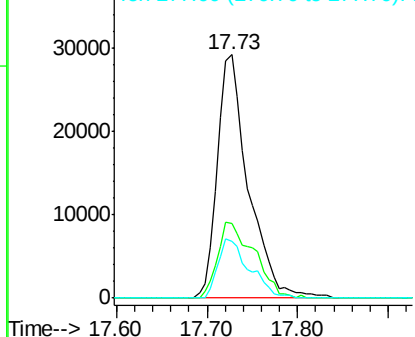


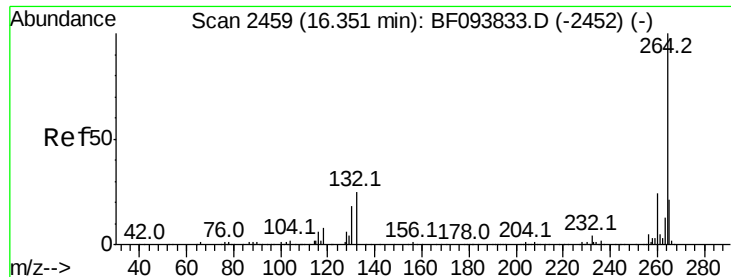
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.44 ng  
 RT: 17.73 min Scan# 2693  
 Delta R.T. -0.02 min  
 Lab File: BF093830.D  
 Acq: 22 Mar 2017 14:18

Tgt Ion:276 Resp: 69361  
 Ion Ratio Lower Upper  
 276 100  
 138 36.4 27.8 41.6  
 277 24.5 20.2 30.4



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





#86

Pervlene-d12

Concen: 20.00 ng

RT: 16.35 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Instrument :

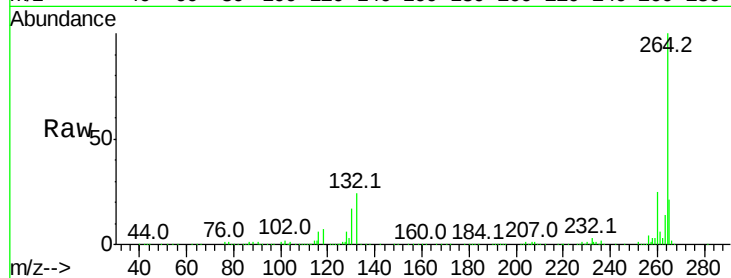
BNA\_F

ClientSampleId :

SSTDICC2.5

Tot Ion:264 Resp: 484960

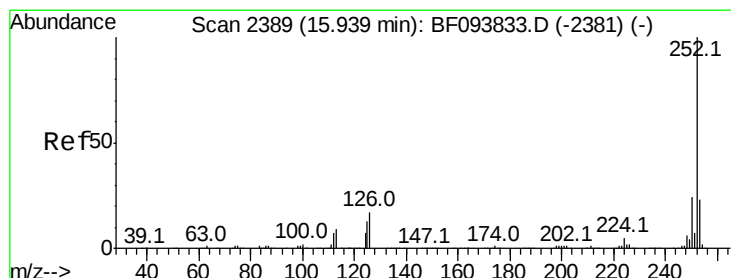
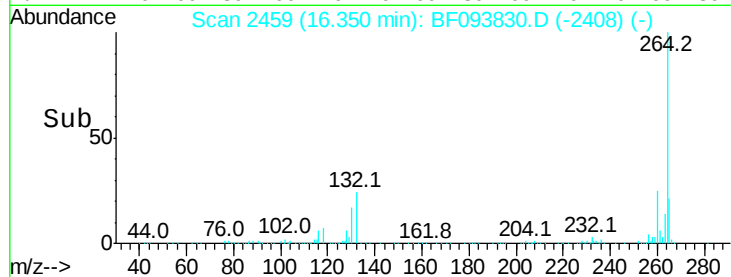
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.9  | 19.5  | 29.3  |
| 265 | 21.3  | 17.2  | 25.8  |



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 2.22 ng

RT: 15.93 min Scan# 2387

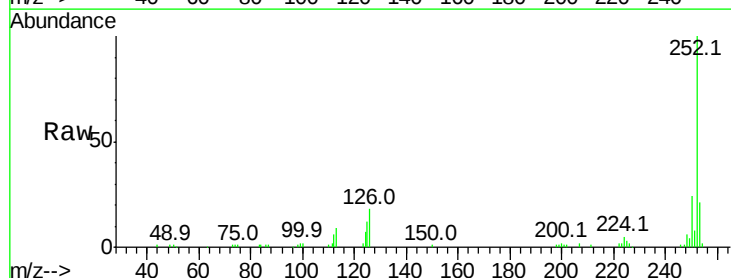
Delta R.T. -0.01 min

Lab File: BF093830.D

Acq: 22 Mar 2017 14:18

Tgt Ion:252 Resp: 72550

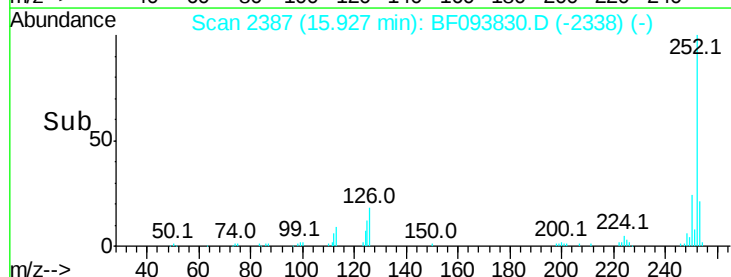
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.4  | 18.1  | 27.1  |
| 125 | 12.5  | 9.8   | 14.8  |

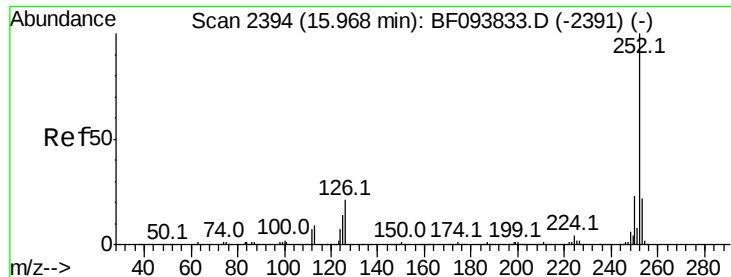


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

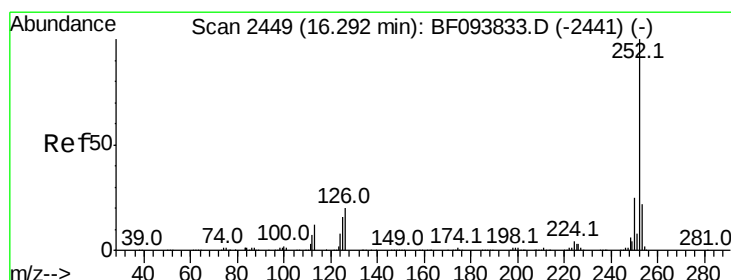
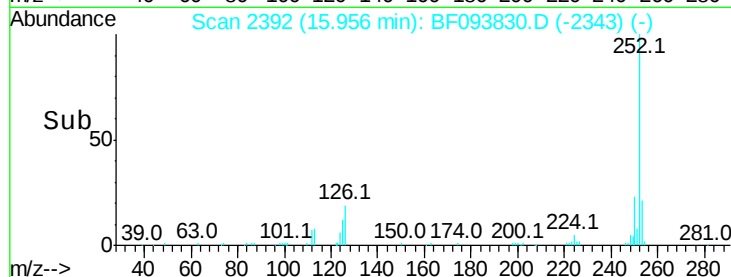
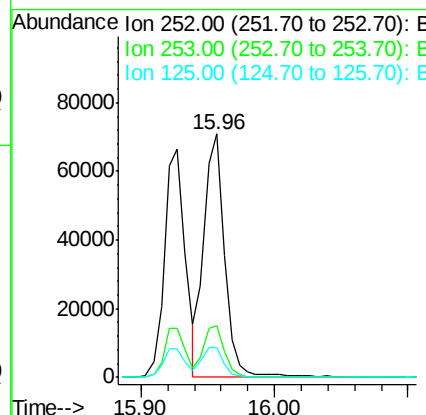
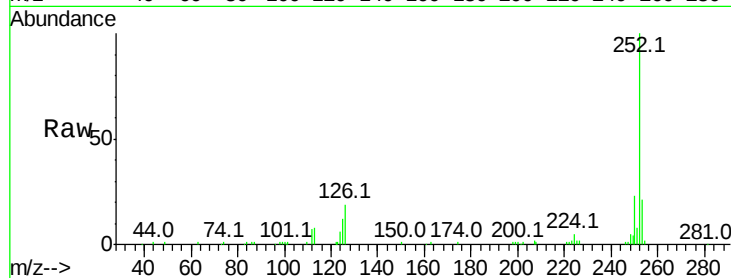




#88  
Benzo(k)fluoranthene  
Concen: 3.18 ng  
RT: 15.96 min Scan# 2392  
Delta R.T. -0.01 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

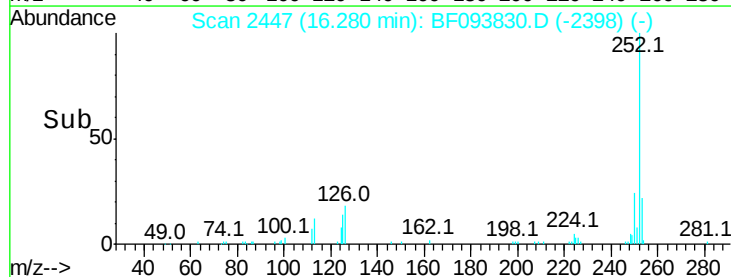
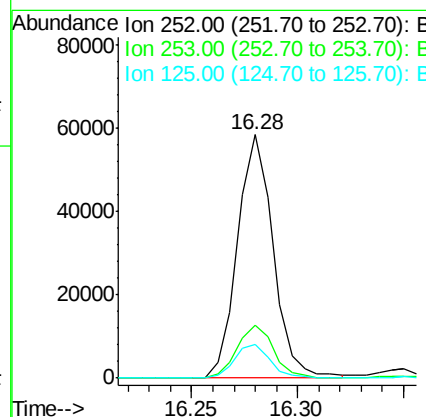
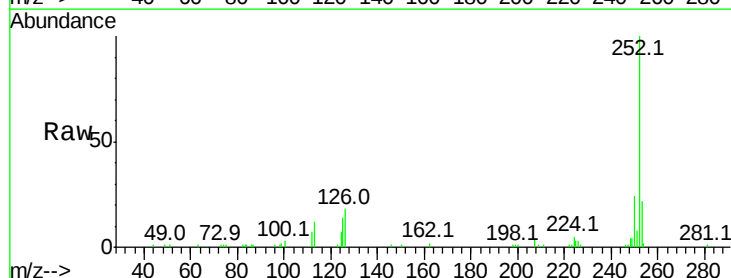
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

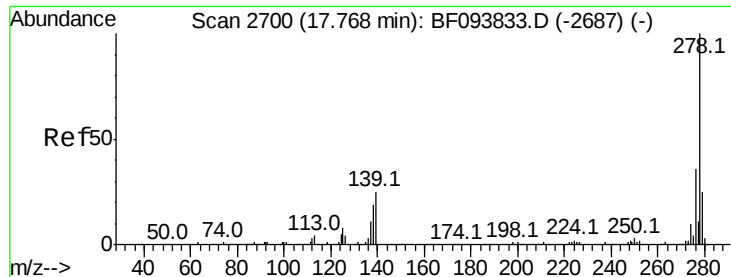
Tot Ion:252 Resp: 76691  
Ion Ratio Lower Upper  
252 100  
253 21.4 18.4 27.6  
125 12.5 13.1 19.7#



#89  
Benzo(a)pyrene  
Concen: 2.57 ng  
RT: 16.28 min Scan# 2447  
Delta R.T. -0.01 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Tgt Ion:252 Resp: 68006  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.5 26.3  
125 13.9 11.0 16.4



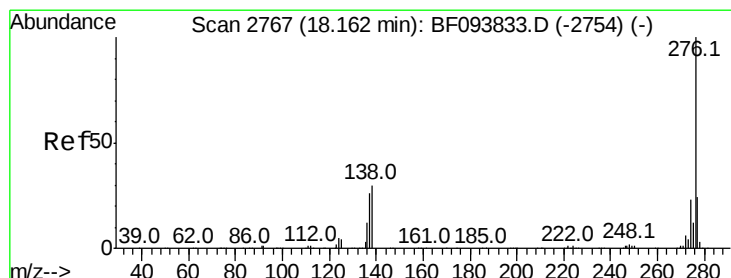
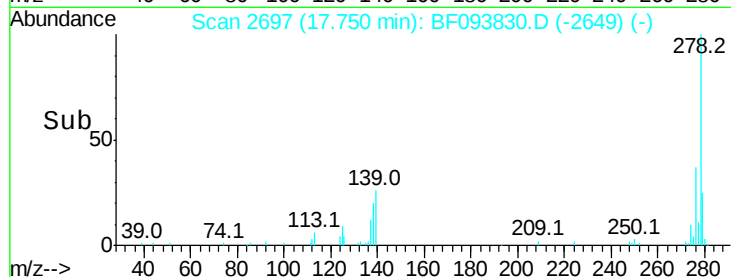
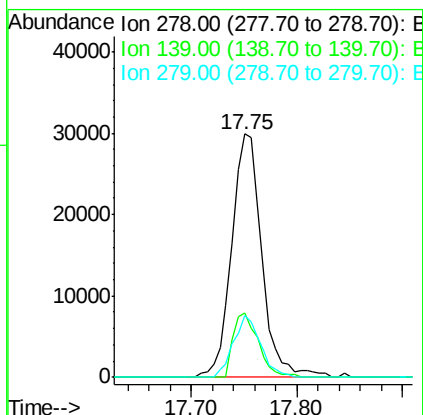
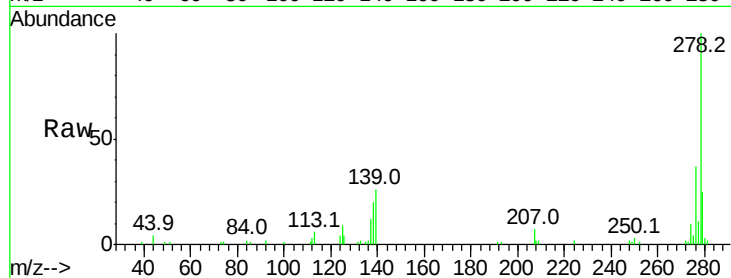


#90  
Dibenzo(a,h)anthracene  
Concen: 2.67 ng  
RT: 17.75 min Scan# 2697  
Delta R.T. -0.02 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tot Ion:278 Resp: 58781  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 26.3  | 16.6  | 24.8# |
| 279 | 25.4  | 19.3  | 28.9  |



#91  
Benzo(g,h,i)perylene  
Concen: 2.69 ng  
RT: 18.13 min Scan# 2762  
Delta R.T. -0.03 min  
Lab File: BF093830.D  
Acq: 22 Mar 2017 14:18

Tgt Ion:276 Resp: 58817  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.3  | 18.6  | 28.0  |
| 138 | 32.7  | 25.4  | 38.0  |

